APPENDIX H
LABORATORY DATA PACKAGES

Analytical Resources, Incorporated
Analytical Chemists and Consultants

June 29, 2009

James Keithly
Anchor QEA
1423 Third Avenue, Suite 300
Seattle, WA 98101

RE: Project: Baywood Products, 080207-02
ARI Job No.: PB06

Dear Mr. Keithly:

Please find enclosed the original Chain-of-Custody (COC) record, sample receipt documentation, and the final data package for the samples from the project referenced above.

Sample receipt and details of these analyses are discussed in the Case Narrative.

An electronic copy of this package will remain on file with ARI. Should you have any questions or problems, please feel free to contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Susan Dunnihoo
Director, Client Services
sue@arilabs.com
206-695-6207

Enclosures

cc: eFile PB06

SD/co

Chain of Custody
Documentation

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

Chain of Custody Record & Laboratory Analysis Request PBDE

Laboratory Number:
Date: 6/2/09
Project Name: Bay Wood Products
Project Number: 080207-02
Project Manager: James Keithly
Phone Number: 206.903.3340
Shipment Method: Hand

ANCHOR QEA

Line	Field Sample ID	Collection Date/Time	Lab ID	Matrix	No. of Containers	TS	LOI	TOC	Ammonia	Sulfides	Porewater Ammonia	Porewater Sulfides	TPHDX	Metals[1]	SVOCs[1]	PCBs[1]	Pesticides[1]	AT				Comments
1	BW-01-SS-090602	6/2/09 1245		SE	8	X	X	X	X	X	X	X	X	X	X	X	X					
2	BW-02-SS-090602	6/2/09 1220		SE	6	X	X	X	X	X	X	X	X									
3	BW-03-SS-090602	6/2/09 1145		SE	8	X	X	X	X	X	X	X	X	X	X	X	X					
4	BW-04-SS-090602	" 1120		SE	6	X	X	X	X	X	X	X	X									
5	BW-05-SS-090602	" 1020		SE	6	X	X	X	X	X	X	X	X									
6	BW-06-SS-090602	" 630		SE	6	X	X	X	X	X	X	X	X									
7	BW-07-SS-090602	" 1450		SE	10	X	X	X	X	X	X	X	X	X	X	X	X					MS/MSD
8	BW-08-SS-090602	" 1600		SE	6	X	X	X	X	X	X	X	X									
9	BW-09-SS-090602	" 1510		SE	8	X	X	X	X	X	X	X	X	X	X	X	X					
10	BW-10-SS-090602	" 1545		SE	6	X	X	X	X	X	X	X	X									
11	BW-11-SS-090602	" 1315		SE	8	X	X	X	X	X	X	X	X	X	X	X	X					
12	BW-12-SS-090602	" 1345		SE	6	X	X	X	X	X	X	X	X									
13	BW-53-SS-090602	" 1145		SE	8	X	X	X	X	X	X	X	X	X	X	X	X					
14	BW-54-SS-090602	" 1120		SE	6	X	X	X	X	X	X	X	X									
~~15~~				SE																		

Standard TAT
*Level 4 data package
1 SMS analyte list, see QAPP tables for complete lists and QC requirements

Relinquished By:	Company: Anchor QEA, LLC	Received By:	Company: AKI
Signature/Printed Name	Date/Time 6/2/09 1830	Signature/Printed Name Jami Hayes Jami Hayes	Date/Time 6/2/09 1830
Relinquished By:	Company:	Received By:	Company:
Signature/Printed Name	Date/Time	Signature/Printed Name	Date/Time

Distribution: A copy will be made for the laboratory and client. The Project file will retain the original.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Anchor
Project Name: Bay Wood Products
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: PB06
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)	12.0 12.4 11.2 9.2 9.6 10.4	
If cooler temperature is out of compliance fill out form 00070F	Temp Gun ID#: 487405	

Cooler Accepted by: JH Date: 6/2/09 Time: 1830

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
Were all bottles sealed in individual plastic bags?		YES	NO
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO

Samples Logged by: AV Date: 6/3/09 Time: 843

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

After temps were taken, all coolers were imediatly put into the refrigerator over night.

By: AV Date: 6/3/09

Small Air Bubbles < 2mm	Peabubbles 2-4 mm	LARGE Air Bubbles > 4 mm
•	•	•

Small → "sm"
Peabubbles → "pb"
Large → "lg"
Headspace → "hs"

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

Cooler#: 1 Temperature(°C): 12.0

Sample ID	Bottle Count	Bottle Type
BW-01-SS-090602	8	1 32oz Jar, 3 16oz, 1 8oz, 2 4oz, 1 2oz
BW-11-SS-090602	3	1 32oz Jar, 1 16oz jar, 1 2oz
BW-12-SS-090602	6	1 32oz, 2 16oz, 1 8oz, 1 4oz, 1 2oz

Cooler#: 2 Temperature(°C): 12.4

Sample ID	Bottle Count	Bottle Type
BW-07-SS-090602	10	1 32oz, 4 16oz, 1 8oz, 2 4oz, 1 2oz
BW-09-SS-090602	8	1 32oz, 3 16oz, 1 8oz, 2 4oz, 1 2oz

Cooler#: 3 Temperature(°C): 9.2

Sample ID	Bottle Count	Bottle Type
BW-06-SS-090602	6	1 32oz, 2 16oz, 1 8oz, 1 4oz, 1 2oz
BW-11-SS-090602	5	2 16oz, 1 8oz, 2 4oz

Cooler#: 4 Temperature(°C): 11.2

Sample ID	Bottle Count	Bottle Type
BW-10-SS-090602	6	1 32oz, 2 16oz, 1 8oz, 1 4oz, 2 oz
BW-08-SS-090602	6	" " " " "

Completed by: AV Date: 6/3/09 Time: 836

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

Cooler#: 5 Temperature(°C): 9.6

Sample ID	Bottle Count	Bottle Type
BW-03-SS-090602	8	1 32oz, 3 16oz, 1 8oz, 2 4oz, 1 2oz
BW-02-SS-090602	6	1 32oz, 2 16oz, 1 8oz, 1 4oz, 1 2oz
BW-53-SS-090602	7	1 32oz, 3 16oz, 1 8oz, 1 4oz, 1 2oz

Cooler#: 6 Temperature(°C): 10.4

Sample ID	Bottle Count	Bottle Type
BW-04-SS-090602	6	1 32oz, 2 16oz, 1 8oz, 1 4oz, 1 2oz
BW-05-SS-090602	6	" " " " "
BW-54-SS-090602	6	" " " " "

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: AV Date: 6/3/09 Time: 836

Case Narrative

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

Case Narrative

Client: Anchor QEA
Project: Baywood Products, 080207-02
Matrix: Sediments
ARI Job No.: PB06

Sample receipt

Fourteen sediment samples were received on June 2, 2009, under ARI job PB06. The cooler temperatures measured by IR thermometer following ARI SOP were 11.2, 12.0, and 12.4°C. Samples were received within a short time of sampling and coolers were immediately transferred to refrigerated storage until they were logged on June 3. For further details regarding sample receipt, please refer to the Cooler Receipt Form.

Semivolatiles by SW8270

The samples were initially screened to determine if there was a response that would require modification of the extraction process. Based on the screen, no sample modifications were required. The samples and associated laboratory QC were extracted and analyzed within recommended holding times.

The initial and continuing calibrations were within method requirements.

The internal standard areas of Perylene-d12 were outside the control limits for samples **BW-01-SS-090602** and **BW-03-SS-090602**. The samples were re-analyzed at a dilution and all internal standard areas were within control limits. Both sets of data have been included in this package for review. No further corrective action was required.

The internal standard areas of Chrysene-d12 and d4-Di-n-octylphthalate were outside the control limits high for sample **BW-07-SS-090602** and the associated matrix QC. The outliers are attributed to matrix effect due to the replication in the three extracts and no further action was taken.

The internal standard area of Chrysene-d12 was outside the control limits for sample **BW-11-SS-090602**. The sample was re-analyzed at a dilution and all internal standard areas were within control limits. Both sets of data have been included in this package for review. No further corrective action was required.

The surrogate percent recoveries were within control limits.

The method blank was clean at the reporting limits. The LCS percent recoveries were within control limits.

The matrix spike percent recoveries of Pentachlorophenol and Chrysene and the matrix spike duplicate percent recovery of Fluoranthene were outside the advisory control limits for sample **BW-07-SS-090602**. No corrective action is required for matrix QC.

SIM PNA by SW8270D

The samples and associated laboratory QC were extracted and analyzed within recommended holding times.

The initial and continuing calibrations were within method requirements. Internal standard areas were within limits.

The surrogate percent recoveries were within control limits.

The method blank was clean at the reporting limits.

The LCS percent recovery of 2,4-Dimethylphenol fell outside the control limits low for **LCS-060809**. The matrix spike and matrix spike duplicate percent recoveries were within LCS control limits. No corrective action was required.

The matrix spike and matrix spike percent recoveries were within advisory control limits.

Pesticides by SW8081A

The samples were initially screened to determine if there was a response that would require modification of the extraction process. Based on the screen, no sample modifications were required. The samples and associated laboratory QC were extracted and analyzed within recommended holding times.

The initial and continuing calibrations were within method requirements. Internal standard areas were within limits.

The surrogate percent recoveries were within control limits.

The method blank was clean at the reporting limit. The LCS percent recoveries were within control limits.

The matrix spike and matrix spike duplicate percent recoveries were within advisory control limits.

PCBs by SW8082

The samples were initially screened to determine if there was a response that would require modification of the extraction process. Based on the screen, no sample modifications were required. The samples and associated laboratory QC were extracted and analyzed within recommended holding times.

The initial and continuing calibrations were within method requirements. Internal standard areas were within limits.

The surrogate percent recoveries were within control limits.

The method blank was clean at the reporting limits The LCS percent recoveries were within control limits.

The matrix spike duplicate percent recovery of Aroclor 1260 fell outside the advisory control limits for sample **BW-07-SS-090602**. No corrective action is required for matrix QC.

NWTPH-Dx

The samples and associated laboratory QC were extracted and analyzed within recommended holding times.

The initial and continuing calibrations were within method requirements. Internal standard areas were within limits.

The surrogate percent recoveries were within control limits.

The method blank was clean at the reporting limits. The LCS percent recovery was within control limits.

The matrix spike and matrix spike duplicate percent recoveries were within advisory control limits.

Total Metals/Mercury

The samples were digested and analyzed within recommended holding times.

The method blanks were clean at the detection limits and the LCS percent recoveries were within control limits.

The matrix spike percent recovery of antimony fell outside the control limits low for sample **BW-07-SS-090602**. A post digestion spike was performed and the recovery was within control limits. No further corrective action was required.

The duplicate RPDs of chromium and copper and zinc were outside the control limit for sample **BW-07-SS-090602**. All relevant data have been flagged with an "*" on the appropriate Form VI's. No further corrective action was required.

General Chemistry Parameters

The samples were prepared and analyzed within the required holding time for all parameters.

The method blanks were clean at the reporting limits. The LCS had recoveries within control limits.

Standard reference recoveries were within limits.

The matrix spike percent recovery of sulfide fell outside the control limits low for sample **BW-07-SS-090602**. All other quality control parameters were met for sulfide. No corrective action was required.

The replicate RPDs were within the control limit.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Client: Anchor Environmental, LLC.	Project No.: PB06
Client Project: 080207-02 Bay Wood Products	

Case Narrative

1. Fourteen samples were submitted for Pore Water Extraction, by the Corp of Engineers draft interim guidelines, and grain size analysis by PSEP.
2. The sediment for pore water extraction was in 32 oz wide mouth glass jars. The sediment sample jars were placed in the nitrogen chamber along with centrifuge jars, spoons, a balance, etc. and the chamber was sealed and filled with nitrogen. The centrifuge jars were opened to allow them to come to equilibrium with the chamber. The oxygen level in the chamber was less than 1%. All centrifuge bottles were pre-rinsed with Hexane and allowed to dry completely. All spoons and spatulas were pre-rinsed with Dichloromethane.
3. All samples were centrifuged in a pre-cooled centrifuge (4°C) at 3,000 x g for 30 minutes, decanted, and the decanted waters were placed in another pre-cooled centrifuge (4°C) and spun at 7,000-x g for 30 minutes.
4. Some of the samples had "floaters," material that was floating on the top (or within the water) and could not be separated by centrifuging.
5. The grain size analysis samples were in 16 oz jars.
6. Fourteen samples were submitted for grain size analysis according to PSEP methodology.
7. The samples were run in a single batch, and sample BW-01-SS-090602 was chosen for triplicate analysis. The triplicate data is reported on the QA summary.
8. Samples BW-05-SS-090602, BW-09-SS-090602, and BW-53-SS-090602 contained woody or other organic matter, which may have broken down during the sieving process, affecting grain size analysis.
9. The data is provided in summary tables and plots.
10. There were no other noted anomalies in this project.

Approved by: _____ Date: June 19, 2009
Lead Technician

Data Reporting Qualifiers

Effective 12/28/04

Inorganic Data

U Indicates that the target analyte was not detected at the reported concentration

* Duplicate RPD is not within established control limits

B Reported value is less than the CRDL but ≥ the Reporting Limit

N Matrix Spike recovery not within established control limits

NA Not Applicable, analyte not spiked

H The natural concentration of the spiked element is so much greater than the concentration spiked that an accurate determination of spike recovery is not possible

L Analyte concentration is ≤5 times the Reporting Limit and the replicate control limit defaults to ±1 RL instead of the normal 20% RPD

Organic Data

U Indicates that the target analyte was not detected at the reported concentration

* Flagged value is not within established control limits

B Analyte detected in an associated Method Blank at a concentration greater than one-half of ARI's Reporting Limit or 5% of the regulatory limit or 5% of the analyte concentration in the sample.

J Estimated concentration when the value is less than ARI's established reporting limits

D The spiked compound was not detected due to sample extract dilution

NR Spiked compound recovery is not reported due to chromatographic interference

E Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

S Indicates an analyte response that has saturated the detector. The calculated concentration is not valid; a dilution is required to obtain valid quantification of the analyte

NA The flagged analyte was not analyzed for

NS The flagged analyte was not spiked into the sample

M Estimated value for an analyte detected and confirmed by an analyst but with low spectral match parameters. This flag is used only for GC-MS analyses

M2 The sample contains PCB congeners that do not match any standard Aroclor pattern. The PCBs are identified and quantified as the Aroclor whose pattern most closely matches that of the sample. The reported value is an estimate.

N The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification"

Y The analyte is not detected at or above the reported concentration. The reporting limit is raised due to chromatographic interference. The Y flag is equivalent to the U flag with a raised reporting limit.

C The analyte was positively identified on only one of two chromatographic columns. Chromatographic interference prevented a positive identification on the second column

P The analyte was detected on both chromatographic columns but the quantified values differ by ≥40% RPD with no obvious chromatographic interference

Geotechnical Data

A The total of all fines fractions. This flag is used to report total fines when only sieve analysis is requested and balances total grain size with sample weight.

F Samples were frozen prior to particle size determination

SM Sample matrix was not appropriate for the requested analysis. This normally refers to samples contaminated with an organic product that interferes with the sieving process and/or moisture content, porosity and saturation calculations

SS Sample did not contain the proportion of "fines" required to perform the pipette portion of the grain size analysis

W Weight of sample in some pipette aliquots was below the level required for accurate weighting

LCS SOLUTIONS

05/15/09

LABEL	SOLN ID	TEST	CONC. UG/ML	SOLVENT	EXP.
1	1549-3	PCB	20	ACETONE	10/10/09
2#	1472-3	BCOC PEST	10	ACETONE	NA
3	1579-3	PEST	02/04/20	ACETONE	09/23/09
4	1594-2	LOW PEST	0.2/0.4/2	ACETONE	09/23/09
5	1580-2	EPH	1500	MECL2	01/29/10
6	1559-2	PCP	12.5/125	ACETONE	11/05/09
7	1597-2	ABN	100	ACETONE	02/01/10
8	1566-1	TBT	2.5	MECL2	12/04/09
9	1567-3	PORE TBT	.125/.25	MECL2	12/04/09
10	1596-2	ABN ACID	100/200	MEOH	10/21/09
11	1591-1	TPHD	15000	ACETONE	03/26/10
12	1597-3	ABN BASE	200	ACETONE	02/05/10
13	1573-2	LOW PCB	2	ACETONE	10/10/09
14*	1547-1	LOW ABN ACID	10/20	MEOH	04/10/10
15	1591-3	SIM PNA	15/75	MEOH	08/28/09
16*	1502-2	DIOXANE	100	MEOH	02/26/10
17#	1516-2	1248 PCB	20	ACETONE	NA
18	1591-4	LOW SIM PNA	1.5	ACETONE	08/28/09
19	1574-4	AK103	7500	MECL2	12/02/09
20	1572-2	PNA	100	ACETONE	12/26/09
21	1593-3	SKY/BHT	100	MEOH	03/31/10
22	1599-1	HERB	12.5/12500	MEOH	08/18/09
23*	1505-1	LW ABN BASE	20	MEOH	03/20/10
24	1573-4	LOW ABN	10	ACETONE	08/01/09
25#	1481-1	DIPHENYL	100	MEOH	NA
26*	1545-2	OP-PEST	25	MEOH	02/16/10
27#	1495-1	STEROLS	200	MEOH	NA
28	1595-1	ADD. PEST	4	ACETONE	09/15/09
29#	1496-3	DECANES	100	MEOH	NA
30#	1497-2	EDB/DBCP	2	ACETONE	NA
31	1596-1	TERPINEOL	100	MEOH	04/03/10

LCS SOLUTIONS

05/15/09

32	1598-1	GUAIACOL	50-200	ACETONE	04/30/10
33	1522-1	RESIN ACID	250	ACETONE	06/11/09
34	1530-2	CONGENERS	1	ACETONE	07/23/09
35	1601-2	ALKYL PNA A	10	MEOH	04/03/10
36	1601-3	ALKYL PNA B	10	MEOH	05/13/10
50	1571-1	FULL RESIN	250	ACETONE	06/10/09
	*=REVERIFIED SOLUTION				
	#=PROJECT SPECIFIC SOLUTION				

SURR SOLUTIONS

05/15/09

LABEL	SOLN ID	TEST	CONC. UG/ML	SOLVENT	EXP.
A	1584-5	ABN	100/150	MEOH	02/18/10
B	1572-1	SIM PNA	15/75	MEOH	08/28/09
C*	1559-1	SIM ABN	25/37.5	MEOH	03/13/10
D	1573-3	LOW PCB	0.2	ACETONE	07/31/09
E*	1478-1	HERB	62.5	MEOH	09/21/09
F	1574-3	PCP	12.5	ACETONE	01/06/10
G*	1534-1	1,4DIOXANE	100	MEOH	02/26/10
H	1594-1	OP-PEST	25	MEOH	04/01/10
I	1559-4	LOW S. PNA	1.5	MEOH	08/28/09
J	1566-5	TBT-PORE	0.125	MECL2	12/04/09
K	1538-1	MED PCB	20	ACETONE	07/31/09
L	1584-4	TBT	2.5	MECL2	12/04/09
M	1578-1	EPH	1500	MECL2	12/09/09
N	1538-2	PCB	2	ACETONE	07/31/09
O	1567-4	TPH	450	MECL2	09/24/09
P	1598-2	HCID	2250	MECL2	01/07/10
Q#	1497-3	EDB	2	ACETONE	NA
R	1521-4	RESIN ACID	250	ACETONE	06/11/09
S	1568-5	PBDE	.25	MEOH	12/11/09
T	1601-1	ALKYL PNA	10	MEOH	11/26/09
U	*=REVERIFIED SOLUTION				
V	#=PROJECT SPECIFIC SOLUTION				
W					
X					
Y					
Z					

Data Summary Package

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

SEMIVOLATILE ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS **Sample ID: BW-01-SS-090602**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB06A
LIMS ID: 09-12542
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 22:02
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 54.8%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**26**
120-12-7	**Anthracene**	**20**	**19 J**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**120**
129-00-0	**Pyrene**	**20**	**63**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**44**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**39**
218-01-9	**Chrysene**	**20**	**100**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**44**
207-08-9	**Benzo(k)fluoranthene**	**20**	**44**
50-32-8	**Benzo(a)pyrene**	**20**	**33**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**13 J**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	**Benzo(g,h,i)perylene**	**20**	**13 J**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	63.6%	2-Fluorobiphenyl	67.2%
d14-p-Terphenyl	56.4%	d4-1,2-Dichlorobenzene	54.8%
d5-Phenol	65.9%	2-Fluorophenol	65.9%
2,4,6-Tribromophenol	84.8%	d4-2-Chlorophenol	62.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: BW-01-SS-090602
DILUTION

Lab Sample ID: PB06A
LIMS ID: 09-12542
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/16/09 00:27
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 5.00
Percent Moisture: 54.8%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	98	< 98 U
541-73-1	1,3-Dichlorobenzene	98	< 98 U
106-46-7	1,4-Dichlorobenzene	98	< 98 U
100-51-6	Benzyl Alcohol	98	< 98 U
95-50-1	1,2-Dichlorobenzene	98	< 98 U
95-48-7	2-Methylphenol	98	< 98 U
106-44-5	4-Methylphenol	98	< 98 U
105-67-9	2,4-Dimethylphenol	98	< 98 U
65-85-0	Benzoic Acid	980	< 980 U
120-82-1	1,2,4-Trichlorobenzene	98	< 98 U
91-20-3	Naphthalene	98	< 98 U
87-68-3	Hexachlorobutadiene	98	< 98 U
91-57-6	2-Methylnaphthalene	98	< 98 U
131-11-3	Dimethylphthalate	98	< 98 U
208-96-8	Acenaphthylene	98	< 98 U
83-32-9	Acenaphthene	98	< 98 U
132-64-9	Dibenzofuran	98	< 98 U
84-66-2	Diethylphthalate	98	< 98 U
86-73-7	Fluorene	98	< 98 U
86-30-6	N-Nitrosodiphenylamine	98	< 98 U
118-74-1	Hexachlorobenzene	98	< 98 U
87-86-5	Pentachlorophenol	490	< 490 U
85-01-8	Phenanthrene	98	< 98 U
120-12-7	Anthracene	98	< 98 U
84-74-2	Di-n-Butylphthalate	98	< 98 U
206-44-0	**Fluoranthene**	**98**	**100**
129-00-0	**Pyrene**	**98**	**71 J**
85-68-7	Butylbenzylphthalate	98	< 98 U
56-55-3	Benzo(a)anthracene	98	< 98 U
117-81-7	bis(2-Ethylhexyl)phthalate	98	< 98 U
218-01-9	**Chrysene**	**98**	**110**
117-84-0	Di-n-Octyl phthalate	98	< 98 U
205-99-2	**Benzo(b)fluoranthene**	**98**	**50 J**
207-08-9	Benzo(k)fluoranthene	98	< 98 U
50-32-8	Benzo(a)pyrene	98	< 98 U
193-39-5	Indeno(1,2,3-cd)pyrene	98	< 98 U
53-70-3	Dibenz(a,h)anthracene	98	< 98 U
191-24-2	Benzo(g,h,i)perylene	98	< 98 U
90-12-0	1-Methylnaphthalene	98	< 98 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.6%	2-Fluorobiphenyl	68.8%
d14-p-Terphenyl	56.4%	d4-1,2-Dichlorobenzene	56.0%
d5-Phenol	62.9%	2-Fluorophenol	63.9%
2,4,6-Tribromophenol	69.7%	d4-2-Chlorophenol	60.8%

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Sample ID: BW-03-SS-090602
SAMPLE

Lab Sample ID: PB06C
LIMS ID: 09-12544
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 22:35
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 52.4%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**20**
120-12-7	**Anthracene**	**20**	**12 J**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**88**
129-00-0	**Pyrene**	**20**	**48**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**26**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**32**
218-01-9	**Chrysene**	**20**	**56**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**32**
207-08-9	**Benzo(k)fluoranthene**	**20**	**32**
50-32-8	**Benzo(a)pyrene**	**20**	**23**
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	64.4%	2-Fluorobiphenyl	69.2%
d14-p-Terphenyl	61.2%	d4-1,2-Dichlorobenzene	58.0%
d5-Phenol	67.2%	2-Fluorophenol	69.1%
2,4,6-Tribromophenol	90.9%	d4-2-Chlorophenol	64.8%

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Sample ID: BW-03-SS-090602
DILUTION

Lab Sample ID: PB06C
LIMS ID: 09-12544
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/16/09 01:00
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 5.00
Percent Moisture: 52.4%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	98	< 98 U
541-73-1	1,3-Dichlorobenzene	98	< 98 U
106-46-7	1,4-Dichlorobenzene	98	< 98 U
100-51-6	Benzyl Alcohol	98	< 98 U
95-50-1	1,2-Dichlorobenzene	98	< 98 U
95-48-7	2-Methylphenol	98	< 98 U
106-44-5	4-Methylphenol	98	< 98 U
105-67-9	2,4-Dimethylphenol	98	< 98 U
65-85-0	Benzoic Acid	980	< 980 U
120-82-1	1,2,4-Trichlorobenzene	98	< 98 U
91-20-3	Naphthalene	98	< 98 U
87-68-3	Hexachlorobutadiene	98	< 98 U
91-57-6	2-Methylnaphthalene	98	< 98 U
131-11-3	Dimethylphthalate	98	< 98 U
208-96-8	Acenaphthylene	98	< 98 U
83-32-9	Acenaphthene	98	< 98 U
132-64-9	Dibenzofuran	98	< 98 U
84-66-2	Diethylphthalate	98	< 98 U
86-73-7	Fluorene	98	< 98 U
86-30-6	N-Nitrosodiphenylamine	98	< 98 U
118-74-1	Hexachlorobenzene	98	< 98 U
87-86-5	Pentachlorophenol	490	< 490 U
85-01-8	Phenanthrene	98	< 98 U
120-12-7	Anthracene	98	< 98 U
84-74-2	Di-n-Butylphthalate	98	< 98 U
206-44-0	**Fluoranthene**	**98**	**78 J**
129-00-0	**Pyrene**	**98**	**50 J**
85-68-7	Butylbenzylphthalate	98	< 98 U
56-55-3	Benzo(a)anthracene	98	< 98 U
117-81-7	bis(2-Ethylhexyl)phthalate	98	< 98 U
218-01-9	**Chrysene**	**98**	**57 J**
117-84-0	Di-n-Octyl phthalate	98	< 98 U
205-99-2	Benzo(b)fluoranthene	98	< 98 U
207-08-9	Benzo(k)fluoranthene	98	< 98 U
50-32-8	Benzo(a)pyrene	98	< 98 U
193-39-5	Indeno(1,2,3-cd)pyrene	98	< 98 U
53-70-3	Dibenz(a,h)anthracene	98	< 98 U
191-24-2	Benzo(g,h,i)perylene	98	< 98 U
90-12-0	1-Methylnaphthalene	98	< 98 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.4%	2-Fluorobiphenyl	67.8%
d14-p-Terphenyl	58.4%	d4-1,2-Dichlorobenzene	54.8%
d5-Phenol	60.8%	2-Fluorophenol	62.8%
2,4,6-Tribromophenol	69.3%	d4-2-Chlorophenol	58.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS **Sample ID: BW-07-SS-090602**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 23:08
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	**Naphthalene**	**20**	**11 J**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**14 J**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**61**
120-12-7	**Anthracene**	**20**	**170**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**360**
129-00-0	**Pyrene**	**20**	**180**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**85**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**260**
218-01-9	**Chrysene**	**20**	**290**
117-84-0	**Di-n-Octyl phthalate**	**20**	**16 J**
205-99-2	**Benzo(b)fluoranthene**	**20**	**110**
207-08-9	**Benzo(k)fluoranthene**	**20**	**110**
50-32-8	**Benzo(a)pyrene**	**20**	**82**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**25**
53-70-3	**Dibenz(a,h)anthracene**	**20**	**11 J**
191-24-2	**Benzo(g,h,i)perylene**	**20**	**29**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	68.4%	2-Fluorobiphenyl	72.0%
d14-p-Terphenyl	58.4%	d4-1,2-Dichlorobenzene	59.6%
d5-Phenol	71.2%	2-Fluorophenol	70.9%
2,4,6-Tribromophenol	92.0%	d4-2-Chlorophenol	68.5%

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Sample ID: BW-09-SS-090602
SAMPLE

Lab Sample ID: PB06I
LIMS ID: 09-12550
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/12/09 00:46
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 46.1%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**19 J**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	**Naphthalene**	**20**	**14 J**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	**Acenaphthylene**	**20**	**10 J**
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**12 J**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**56**
120-12-7	**Anthracene**	**20**	**21**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**150**
129-00-0	**Pyrene**	**20**	**73**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**51**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**34**
218-01-9	**Chrysene**	**20**	**88**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**57**
207-08-9	**Benzo(k)fluoranthene**	**20**	**57**
50-32-8	**Benzo(a)pyrene**	**20**	**55**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**19 J**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	**Benzo(g,h,i)perylene**	**20**	**16 J**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	64.0%	2-Fluorobiphenyl	69.2%
d14-p-Terphenyl	60.8%	d4-1,2-Dichlorobenzene	56.8%
d5-Phenol	65.9%	2-Fluorophenol	67.5%
2,4,6-Tribromophenol	89.9%	d4-2-Chlorophenol	64.3%

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Sample ID: BW-11-SS-090602
SAMPLE

Lab Sample ID: PB06K
LIMS ID: 09-12552
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/12/09 01:19
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 54.9%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**18 J**
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**28**
120-12-7	**Anthracene**	**20**	**15 J**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**180**
129-00-0	**Pyrene**	**20**	**65**
85-68-7	**Butylbenzylphthalate**	**20**	**33**
56-55-3	**Benzo(a)anthracene**	**20**	**48**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**34**
218-01-9	**Chrysene**	**20**	**110**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**45**
207-08-9	**Benzo(k)fluoranthene**	**20**	**45**
50-32-8	**Benzo(a)pyrene**	**20**	**28**
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	64.4%	2-Fluorobiphenyl	69.6%
d14-p-Terphenyl	47.6%	d4-1,2-Dichlorobenzene	58.0%
d5-Phenol	66.7%	2-Fluorophenol	68.8%
2,4,6-Tribromophenol	82.9%	d4-2-Chlorophenol	65.9%

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Sample ID: BW-11-SS-090602
DILUTION

Lab Sample ID: PB06K
LIMS ID: 09-12552
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/16/09 01:32
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 5.00
Percent Moisture: 54.9%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	99	< 99 U
541-73-1	1,3-Dichlorobenzene	99	< 99 U
106-46-7	1,4-Dichlorobenzene	99	< 99 U
100-51-6	Benzyl Alcohol	99	< 99 U
95-50-1	1,2-Dichlorobenzene	99	< 99 U
95-48-7	2-Methylphenol	99	< 99 U
106-44-5	4-Methylphenol	99	< 99 U
105-67-9	2,4-Dimethylphenol	99	< 99 U
65-85-0	Benzoic Acid	990	< 990 U
120-82-1	1,2,4-Trichlorobenzene	99	< 99 U
91-20-3	Naphthalene	99	< 99 U
87-68-3	Hexachlorobutadiene	99	< 99 U
91-57-6	2-Methylnaphthalene	99	< 99 U
131-11-3	Dimethylphthalate	99	< 99 U
208-96-8	Acenaphthylene	99	< 99 U
83-32-9	Acenaphthene	99	< 99 U
132-64-9	Dibenzofuran	99	< 99 U
84-66-2	Diethylphthalate	99	< 99 U
86-73-7	Fluorene	99	< 99 U
86-30-6	N-Nitrosodiphenylamine	99	< 99 U
118-74-1	Hexachlorobenzene	99	< 99 U
87-86-5	Pentachlorophenol	490	< 490 U
85-01-8	Phenanthrene	99	< 99 U
120-12-7	Anthracene	99	< 99 U
84-74-2	Di-n-Butylphthalate	99	< 99 U
206-44-0	**Fluoranthene**	**99**	**160**
129-00-0	**Pyrene**	**99**	**89 J**
85-68-7	Butylbenzylphthalate	99	< 99 U
56-55-3	**Benzo(a)anthracene**	**99**	**54 J**
117-81-7	bis(2-Ethylhexyl)phthalate	99	< 99 U
218-01-9	**Chrysene**	**99**	**120**
117-84-0	Di-n-Octyl phthalate	99	< 99 U
205-99-2	Benzo(b)fluoranthene	99	< 99 U
207-08-9	Benzo(k)fluoranthene	99	< 99 U
50-32-8	Benzo(a)pyrene	99	< 99 U
193-39-5	Indeno(1,2,3-cd)pyrene	99	< 99 U
53-70-3	Dibenz(a,h)anthracene	99	< 99 U
191-24-2	Benzo(g,h,i)perylene	99	< 99 U
90-12-0	1-Methylnaphthalene	99	< 99 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	65.0%	2-Fluorobiphenyl	70.4%
d14-p-Terphenyl	59.4%	d4-1,2-Dichlorobenzene	56.4%
d5-Phenol	64.1%	2-Fluorophenol	67.6%
2,4,6-Tribromophenol	74.3%	d4-2-Chlorophenol	63.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: BW-53-SS-090602
SAMPLE

Lab Sample ID: PB06M
LIMS ID: 09-12554
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/12/09 01:52
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 51.2%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	19	< 19 U
541-73-1	1,3-Dichlorobenzene	19	< 19 U
106-46-7	1,4-Dichlorobenzene	19	< 19 U
100-51-6	Benzyl Alcohol	19	< 19 U
95-50-1	1,2-Dichlorobenzene	19	< 19 U
95-48-7	2-Methylphenol	19	< 19 U
106-44-5	4-Methylphenol	19	< 19 U
105-67-9	2,4-Dimethylphenol	19	< 19 U
65-85-0	Benzoic Acid	190	< 190 U
120-82-1	1,2,4-Trichlorobenzene	19	< 19 U
91-20-3	Naphthalene	19	< 19 U
87-68-3	Hexachlorobutadiene	19	< 19 U
91-57-6	2-Methylnaphthalene	19	< 19 U
131-11-3	Dimethylphthalate	19	< 19 U
208-96-8	Acenaphthylene	19	< 19 U
83-32-9	Acenaphthene	19	< 19 U
132-64-9	Dibenzofuran	19	< 19 U
84-66-2	Diethylphthalate	19	< 19 U
86-73-7	Fluorene	19	< 19 U
86-30-6	N-Nitrosodiphenylamine	19	< 19 U
118-74-1	Hexachlorobenzene	19	< 19 U
87-86-5	Pentachlorophenol	97	< 97 U
85-01-8	**Phenanthrene**	**19**	**15 J**
120-12-7	**Anthracene**	**19**	**11 J**
84-74-2	Di-n-Butylphthalate	19	< 19 U
206-44-0	**Fluoranthene**	**19**	**66**
129-00-0	**Pyrene**	**19**	**36**
85-68-7	Butylbenzylphthalate	19	< 19 U
56-55-3	**Benzo(a)anthracene**	**19**	**24**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**19**	**22**
218-01-9	**Chrysene**	**19**	**58**
117-84-0	Di-n-Octyl phthalate	19	< 19 U
205-99-2	**Benzo(b)fluoranthene**	**19**	**27**
207-08-9	**Benzo(k)fluoranthene**	**19**	**27**
50-32-8	**Benzo(a)pyrene**	**19**	**18 J**
193-39-5	Indeno(1,2,3-cd)pyrene	19	< 19 U
53-70-3	Dibenz(a,h)anthracene	19	< 19 U
191-24-2	Benzo(g,h,i)perylene	19	< 19 U
90-12-0	1-Methylnaphthalene	19	< 19 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	68.0%	2-Fluorobiphenyl	70.4%
d14-p-Terphenyl	63.2%	d4-1,2-Dichlorobenzene	60.4%
d5-Phenol	69.9%	2-Fluorophenol	71.7%
2,4,6-Tribromophenol	94.9%	d4-2-Chlorophenol	67.5%

ANALYTICAL RESOURCES INCORPORATED

SW8270 SEMIVOLATILES SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02

Client ID	NBZ	FBP	TPH	DCB	PHL	2FP	TBP	2CP	TOT OUT
BW-01-SS-090602	63.6%	67.2%	56.4%	54.8%	65.9%	65.9%	84.8%	62.7%	0
BW-01-SS-090602 DL	60.6%	68.8%	56.4%	56.0%	62.9%	63.9%	69.7%	60.8%	0
BW-03-SS-090602	64.4%	69.2%	61.2%	58.0%	67.2%	69.1%	90.9%	64.8%	0
BW-03-SS-090602 DL	60.4%	67.8%	58.4%	54.8%	60.8%	62.8%	69.3%	58.3%	0
MB-060809	65.2%	66.0%	71.2%	62.8%	62.7%	66.1%	79.7%	62.4%	0
LCS-060809	62.0%	60.8%	64.4%	57.6%	61.3%	63.2%	80.8%	59.7%	0
BW-07-SS-090602	68.4%	72.0%	58.4%	59.6%	71.2%	70.9%	92.0%	68.5%	0
BW-07-SS-090602 MS	72.4%	73.6%	59.6%	64.8%	80.0%	76.5%	99.5%	74.4%	0
BW-07-SS-090602 MSD	70.4%	71.2%	57.2%	60.8%	75.2%	73.6%	91.7%	70.7%	0
BW-09-SS-090602	64.0%	69.2%	60.8%	56.8%	65.9%	67.5%	89.9%	64.3%	0
BW-11-SS-090602	64.4%	69.6%	47.6%	58.0%	66.7%	68.8%	82.9%	65.9%	0
BW-11-SS-090602 DL	65.0%	70.4%	59.4%	56.4%	64.1%	67.6%	74.3%	63.7%	0
BW-53-SS-090602	68.0%	70.4%	63.2%	60.4%	69.9%	71.7%	94.9%	67.5%	0

	LCS/MB LIMITS	QC LIMITS
(NBZ) = d5-Nitrobenzene	(37-85)	(29-87)
(FBP) = 2-Fluorobiphenyl	(39-82)	(32-88)
(TPH) = d14-p-Terphenyl	(38-105)	(21-97)
(DCB) = d4-1,2-Dichlorobenzene	(33-79)	(25-82)
(PHL) = d5-Phenol	(40-85)	(29-85)
(2FP) = 2-Fluorophenol	(20-93)	(10-114)
(TBP) = 2,4,6-Tribromophenol	(40-96)	(25-103)
(2CP) = d4-2-Chlorophenol	(41-81)	(30-84)

Prep Method: SW3550B
Log Number Range: 09-12542 to 09-12554

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: BW-07-SS-090602
MS/MSD

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted MS/MSD: 06/08/09

Date Analyzed MS: 06/11/09 23:41
MSD: 06/12/09 00:13
Instrument/Analyst MS: NT6/LJR
MSD: NT6/LJR
GPC Cleanup: YES

Sample Amount MS: 25.7 g-dry-wt
MSD: 25.6 g-dry-wt
Final Extract Volume MS: 0.5 mL
MSD: 0.5 mL
Dilution Factor MS: 1.00
MSD: 1.00
Percent Moisture: 29.7 %

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Phenol	< 19.7	378	486	77.8%	364	487	74.7%	3.8%
1,3-Dichlorobenzene	< 19.7	322	486	66.3%	309	487	63.4%	4.1%
1,4-Dichlorobenzene	< 19.7	322	486	66.3%	313	487	64.3%	2.8%
Benzyl Alcohol	< 19.7	702	972	72.2%	663	975	68.0%	5.7%
1,2-Dichlorobenzene	< 19.7	327	486	67.3%	314	487	64.5%	4.1%
2-Methylphenol	< 19.7	379	486	78.0%	360	487	73.9%	5.1%
4-Methylphenol	< 19.7	802	972	82.5%	769	975	78.9%	4.2%
2,4-Dimethylphenol	< 19.7	392	486	80.7%	384	487	78.9%	2.1%
Benzoic Acid	< 197	1520	1460	104%	1450	1460	99.3%	4.7%
1,2,4-Trichlorobenzene	< 19.7	347	486	71.4%	338	487	69.4%	2.6%
Naphthalene	11.0	376	486	75.1%	365	487	72.7%	3.0%
Hexachlorobutadiene	< 19.7	358	486	73.7%	355	487	72.9%	0.8%
2-Methylnaphthalene	< 19.7	382	486	78.6%	373	487	76.6%	2.4%
Dimethylphthalate	< 19.7	416	486	85.6%	401	487	82.3%	3.7%
Acenaphthylene	< 19.7	406	486	83.5%	392	487	80.5%	3.5%
Acenaphthene	< 19.7	408	486	84.0%	402	487	82.5%	1.5%
Dibenzofuran	< 19.7	422	486	86.8%	410	487	84.2%	2.9%
Diethylphthalate	< 19.7	452	486	93.0%	428	487	87.9%	5.5%
Fluorene	14.2	464	486	92.6%	436	487	86.6%	6.2%
N-Nitrosodiphenylamine	< 19.7	391	486	80.5%	376	487	77.2%	3.9%
Hexachlorobenzene	< 19.7	378	486	77.8%	368	487	75.6%	2.7%
Pentachlorophenol	< 98.4	550	486	113%	505	487	104%	8.5%
Phenanthrene	61.0	493	486	88.9%	483	487	86.7%	2.0%
Anthracene	169	528	486	73.9%	443	487	56.3%	17.5%
Di-n-Butylphthalate	< 19.7	492	486	101%	467	487	95.9%	5.2%
Fluoranthene	364	781	486	85.8%	1010	487	133%	25.6%
Pyrene	175	392	486	44.7%	484	487	63.4%	21.0%
Butylbenzylphthalate	< 19.7	343	486	70.6%	341	487	70.0%	0.6%
Benzo(a)anthracene	85.0	465	486	78.2%	476	487	80.3%	2.3%
bis(2-Ethylhexyl)phthalate	258	650	486	80.7%	619	487	74.1%	4.9%
Chrysene	291	524	486	47.9%	569	487	57.1%	8.2%
Di-n-Octyl phthalate	15.7	419	486	83.0%	414	487	81.8%	1.2%
Benzo(b)fluoranthene	109	600	486	101%	603	487	101%	0.5%
Benzo(k)fluoranthene	109	515	486	83.5%	496	487	79.5%	3.8%
Benzo(a)pyrene	81.9	477	486	81.3%	449	487	75.4%	6.0%
Indeno(1,2,3-cd)pyrene	25.4	258	486	47.9%	247	487	45.5%	4.4%
Dibenz(a,h)anthracene	11.0	281	486	55.6%	259	487	50.9%	8.1%
Benzo(g,h,i)perylene	28.7	214	486	38.1%	204	487	36.0%	4.8%
1-Methylnaphthalene	< 19.7	411	486	84.6%	401	487	82.3%	2.5%

Results reported in µg/kg
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS **Sample ID: BW-07-SS-090602**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 23:41
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	19	---
541-73-1	1,3-Dichlorobenzene	19	---
106-46-7	1,4-Dichlorobenzene	19	---
100-51-6	Benzyl Alcohol	19	---
95-50-1	1,2-Dichlorobenzene	19	---
95-48-7	2-Methylphenol	19	---
106-44-5	4-Methylphenol	19	---
105-67-9	2,4-Dimethylphenol	19	---
65-85-0	Benzoic Acid	190	---
120-82-1	1,2,4-Trichlorobenzene	19	---
91-20-3	Naphthalene	19	---
87-68-3	Hexachlorobutadiene	19	---
91-57-6	2-Methylnaphthalene	19	---
131-11-3	Dimethylphthalate	19	---
208-96-8	Acenaphthylene	19	---
83-32-9	Acenaphthene	19	---
132-64-9	Dibenzofuran	19	---
84-66-2	Diethylphthalate	19	---
86-73-7	Fluorene	19	---
86-30-6	N-Nitrosodiphenylamine	19	---
118-74-1	Hexachlorobenzene	19	---
87-86-5	Pentachlorophenol	97	---
85-01-8	Phenanthrene	19	---
120-12-7	Anthracene	19	---
84-74-2	Di-n-Butylphthalate	19	---
206-44-0	Fluoranthene	19	---
129-00-0	Pyrene	19	---
85-68-7	Butylbenzylphthalate	19	---
56-55-3	Benzo(a)anthracene	19	---
117-81-7	bis(2-Ethylhexyl)phthalate	19	---
218-01-9	Chrysene	19	---
117-84-0	Di-n-Octyl phthalate	19	---
205-99-2	Benzo(b)fluoranthene	19	---
207-08-9	Benzo(k)fluoranthene	19	---
50-32-8	Benzo(a)pyrene	19	---
193-39-5	Indeno(1,2,3-cd)pyrene	19	---
53-70-3	Dibenz(a,h)anthracene	19	---
191-24-2	Benzo(g,h,i)perylene	19	---
90-12-0	1-Methylnaphthalene	19	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	72.4%	2-Fluorobiphenyl	73.6%
d14-p-Terphenyl	59.6%	d4-1,2-Dichlorobenzene	64.8%
d5-Phenol	80.0%	2-Fluorophenol	76.5%
2,4,6-Tribromophenol	99.5%	d4-2-Chlorophenol	74.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: BW-07-SS-090602
MATRIX SPIKE DUPLICATE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/12/09 00:13
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	---
541-73-1	1,3-Dichlorobenzene	20	---
106-46-7	1,4-Dichlorobenzene	20	---
100-51-6	Benzyl Alcohol	20	---
95-50-1	1,2-Dichlorobenzene	20	---
95-48-7	2-Methylphenol	20	---
106-44-5	4-Methylphenol	20	---
105-67-9	2,4-Dimethylphenol	20	---
65-85-0	Benzoic Acid	200	---
120-82-1	1,2,4-Trichlorobenzene	20	---
91-20-3	Naphthalene	20	---
87-68-3	Hexachlorobutadiene	20	---
91-57-6	2-Methylnaphthalene	20	---
131-11-3	Dimethylphthalate	20	---
208-96-8	Acenaphthylene	20	---
83-32-9	Acenaphthene	20	---
132-64-9	Dibenzofuran	20	---
84-66-2	Diethylphthalate	20	---
86-73-7	Fluorene	20	---
86-30-6	N-Nitrosodiphenylamine	20	---
118-74-1	Hexachlorobenzene	20	---
87-86-5	Pentachlorophenol	98	---
85-01-8	Phenanthrene	20	---
120-12-7	Anthracene	20	---
84-74-2	Di-n-Butylphthalate	20	---
206-44-0	Fluoranthene	20	---
129-00-0	Pyrene	20	---
85-68-7	Butylbenzylphthalate	20	---
56-55-3	Benzo(a)anthracene	20	---
117-81-7	bis(2-Ethylhexyl)phthalate	20	---
218-01-9	Chrysene	20	---
117-84-0	Di-n-Octyl phthalate	20	---
205-99-2	Benzo(b)fluoranthene	20	---
207-08-9	Benzo(k)fluoranthene	20	---
50-32-8	Benzo(a)pyrene	20	---
193-39-5	Indeno(1,2,3-cd)pyrene	20	---
53-70-3	Dibenz(a,h)anthracene	20	---
191-24-2	Benzo(g,h,i)perylene	20	---
90-12-0	1-Methylnaphthalene	20	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	70.4%	2-Fluorobiphenyl	71.2%
d14-p-Terphenyl	57.2%	d4-1,2-Dichlorobenzene	60.8%
d5-Phenol	75.2%	2-Fluorophenol	73.6%
2,4,6-Tribromophenol	91.7%	d4-2-Chlorophenol	70.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS **Sample ID: LCS-060809**
Page 1 of 2 **LAB CONTROL**

Lab Sample ID: LCS-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 21:29
Instrument/Analyst: NT6/LJR
GPC Cleanup: YES

Sample Amount: 25.0 g
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Phenol	310	500	62.0%
1,3-Dichlorobenzene	296	500	59.2%
1,4-Dichlorobenzene	301	500	60.2%
Benzyl Alcohol	599	1000	59.9%
1,2-Dichlorobenzene	299	500	59.8%
2-Methylphenol	311	500	62.2%
4-Methylphenol	651	1000	65.1%
2,4-Dimethylphenol	270	500	54.0%
Benzoic Acid	1240	1500	82.7%
1,2,4-Trichlorobenzene	296	500	59.2%
Naphthalene	316	500	63.2%
Hexachlorobutadiene	310	500	62.0%
2-Methylnaphthalene	320	500	64.0%
Dimethylphthalate	360	500	72.0%
Acenaphthylene	332	500	66.4%
Acenaphthene	330	500	66.0%
Dibenzofuran	342	500	68.4%
Diethylphthalate	399	500	79.8%
Fluorene	369	500	73.8%
N-Nitrosodiphenylamine	339	500	67.8%
Hexachlorobenzene	344	500	68.8%
Pentachlorophenol	426	500	85.2%
Phenanthrene	376	500	75.2%
Anthracene	360	500	72.0%
Di-n-Butylphthalate	434	500	86.8%
Fluoranthene	488	500	97.6%
Pyrene	299	500	59.8%
Butylbenzylphthalate	346	500	69.2%
Benzo(a)anthracene	362	500	72.4%
bis(2-Ethylhexyl)phthalate	379	500	75.8%
Chrysene	372	500	74.4%
Di-n-Octyl phthalate	383	500	76.6%
Benzo(b)fluoranthene	397	500	79.4%
Benzo(k)fluoranthene	394	500	78.8%
Benzo(a)pyrene	371	500	74.2%
Indeno(1,2,3-cd)pyrene	269	500	53.8%
Dibenz(a,h)anthracene	294	500	58.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS

Sample ID: LCS-060809
LAB CONTROL

Lab Sample ID: LCS-060809
LIMS ID: 09-12548
Matrix: Sediment
Date Analyzed: 06/11/09 21:29

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02

Analyte	Lab Control	Spike Added	Recovery
Benzo(g,h,i)perylene	227	500	45.4%
1-Methylnaphthalene	347	500	69.4%

Semivolatile Surrogate Recovery

d5-Nitrobenzene	62.0%
2-Fluorobiphenyl	60.8%
d14-p-Terphenyl	64.4%
d4-1,2-Dichlorobenzene	57.6%
d5-Phenol	61.3%
2-Fluorophenol	63.2%
2,4,6-Tribromophenol	80.8%
d4-2-Chlorophenol	59.7%

Results reported in µg/kg

4B

SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

PB06MBS1

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No: PB06

Project: BAY WOOD PRODUCTS

Lab File ID: PB06MB

Date Extracted: 06/08/09

Instrument ID: NT6

Date Analyzed: 06/11/09

Matrix: SOLID

Time Analyzed: 2057

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	PB06LCSS1	PB06LCSS1	PB06SB	06/11/09
02	BW-01-SS-090602	PB06A	PB06A	06/11/09
03	BW-03-SS-090602	PB06C	PB06C	06/11/09
04	BW-07-SS-090602	PB06G	PB06G	06/11/09
05	BW-07-SS-090602	PB06GMS	PB06GMS	06/11/09
06	BW-07-SS-090602	PB06GMSD	PB06GMD	06/12/09
07	BW-09-SS-090602	PB06I	PB06I	06/12/09
08	BW-11-SS-090602	PB06K	PB06K	06/12/09
09	BW-53-SS-090602	PB06M	PB06M	06/12/09
10	BW-01-SS-090602	PB06A	PB06ADL	06/16/09
11	BW-03-SS-090602	PB06C	PB06CDL	06/16/09
12	BW-11-SS-090602	PB06K	PB06KDL	06/16/09
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COMMENTS:

FORM IV SV

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: MB-060809
METHOD BLANK

Lab Sample ID: MB-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 20:57
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.0 g
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	Fluoranthene	20	< 20 U
129-00-0	Pyrene	20	< 20 U
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	65.2%	2-Fluorobiphenyl	66.0%
d14-p-Terphenyl	71.2%	d4-1,2-Dichlorobenzene	62.8%
d5-Phenol	62.7%	2-Fluorophenol	66.1%
2,4,6-Tribromophenol	79.7%	d4-2-Chlorophenol	62.4%

SIM SEMIVOLATILE ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-01-SS-090602**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB06A
LIMS ID: 09-12542
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 18:03
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 54.8%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	< 6.1 U
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	70.4%	d5-Phenol	62.4%
2-Fluorophenol	58.4%	d4-2-Chlorophenol	68.5%
d4-1,2-Dichlorobenzene	54.0%	d5-Nitrobenzene	60.8%
2,4,6-Tribromophenol	84.0%	d14-p-Terphenyl	87.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-03-SS-090602**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB06C
LIMS ID: 09-12544
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 18:37
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 52.4%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	< 6.1 U
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	70.0%	d5-Phenol	63.7%
2-Fluorophenol	61.9%	d4-2-Chlorophenol	71.2%
d4-1,2-Dichlorobenzene	58.4%	d5-Nitrobenzene	62.8%
2,4,6-Tribromophenol	85.9%	d14-p-Terphenyl	91.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-07-SS-090602**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 19:11
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	< 6.0 U
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	70.8%	d5-Phenol	65.6%
2-Fluorophenol	62.1%	d4-2-Chlorophenol	73.3%
d4-1,2-Dichlorobenzene	59.2%	d5-Nitrobenzene	63.6%
2,4,6-Tribromophenol	83.5%	d14-p-Terphenyl	93.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-09-SS-090602**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB06I
LIMS ID: 09-12550
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 20:54
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 46.1%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**6.0**	**7.2**
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	70.0%	d5-Phenol	65.1%
2-Fluorophenol	63.7%	d4-2-Chlorophenol	81.1%
d4-1,2-Dichlorobenzene	61.2%	d5-Nitrobenzene	65.6%
2,4,6-Tribromophenol	86.1%	d14-p-Terphenyl	93.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-11-SS-090602**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB06K
LIMS ID: 09-12552
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 21:28
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 54.9%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	< 6.0 U
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	64.0%	d5-Phenol	57.3%
2-Fluorophenol	55.2%	d4-2-Chlorophenol	64.3%
d4-1,2-Dichlorobenzene	50.4%	d5-Nitrobenzene	56.4%
2,4,6-Tribromophenol	83.7%	d14-p-Terphenyl	94.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-53-SS-090602**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB06M
LIMS ID: 09-12554
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 22:02
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 51.2%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	< 6.1 U
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	62.8%	d5-Phenol	61.6%
2-Fluorophenol	58.9%	d4-2-Chlorophenol	67.5%
d4-1,2-Dichlorobenzene	56.4%	d5-Nitrobenzene	60.8%
2,4,6-Tribromophenol	79.7%	d14-p-Terphenyl	88.0%

ANALYTICAL RESOURCES INCORPORATED

SIM SW8270 SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02

Client ID	FBP	PHL	FPH	CPL	DCB	NBZ	TBP	TER	TOT OU
BW-01-SS-090602	70.4%	62.4%	58.4%	68.5%	54.0%	60.8%	84.0%	87.6%	0
BW-03-SS-090602	70.0%	63.7%	61.9%	71.2%	58.4%	62.8%	85.9%	91.2%	0
MB-060809	60.8%	56.8%	55.5%	65.1%	57.6%	59.2%	57.9%	80.8%	0
LCS-060809	60.8%	59.7%	56.8%	59.5%	55.6%	60.0%	71.7%	80.4%	0
BW-07-SS-090602	70.8%	65.6%	62.1%	73.3%	59.2%	63.6%	83.5%	93.2%	0
BW-07-SS-090602 MS	70.4%	66.9%	62.1%	73.9%	60.0%	64.4%	86.9%	98.4%	0
BW-07-SS-090602 MSD	67.2%	66.1%	61.9%	71.5%	60.8%	63.2%	87.2%	96.8%	0
BW-09-SS-090602	70.0%	65.1%	63.7%	81.1%	61.2%	65.6%	86.1%	93.6%	0
BW-11-SS-090602	64.0%	57.3%	55.2%	64.3%	50.4%	56.4%	83.7%	94.8%	0
BW-53-SS-090602	62.8%	61.6%	58.9%	67.5%	56.4%	60.8%	79.7%	88.0%	0

	LCS/MB LIMITS	QC LIMITS
(FBP) = 2-Fluorobiphenyl	(30-160)	(30-160)
(PHL) = d5-Phenol	(30-160)	(30-160)
(FPH) = 2-Fluorophenol	(30-160)	(30-160)
(CPL) = d4-2-Chlorophenol	(30-160)	(30-160)
(DCB) = d4-1,2-Dichlorobenzene	(30-160)	(30-160)
(NBZ) = d5-Nitrobenzene	(30-160)	(30-160)
(TBP) = 2,4,6-Tribromophenol	(30-160)	(30-160)
(TER) = d14-p-Terphenyl	(30-160)	(30-160)

Prep Method: SW3550B
Log Number Range: 09-12542 to 09-12554

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-07-SS-090602**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted MS/MSD: 06/08/09

Sample Amount MS: 16.2 g-dry-wt
MSD: 16.4 g-dry-wt

Date Analyzed MS: 06/15/09 19:45
MSD: 06/15/09 20:19

Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL

Instrument/Analyst MS: NT2/PK
MSD: NT2/PK

Dilution Factor MS: 1.00
MSD: 1.00

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Dibenz(a,h)anthracene	< 6.0 U	96.9	154	62.9%	97.0	152	63.8%	0.1%
1,4-Dichlorobenzene	< 6.0 U	95.7	154	62.1%	98.2	152	64.6%	2.6%
1,2,4-Trichlorobenzene	< 6.0 U	119	154	77.3%	118	152	77.6%	0.8%
Hexachlorobenzene	< 6.0 U	135	154	87.7%	137	152	90.1%	1.5%
Hexachlorobutadiene	< 6.0 U	120	154	77.9%	121	152	79.6%	0.8%
Butylbenzylphthalate	< 15.0 U	144	154	93.5%	147	152	96.7%	2.1%
2-Methylphenol	< 6.0 U	109	154	70.8%	114	152	75.0%	4.5%
2,4-Dimethylphenol	< 6.0 U	89.5	154	58.1%	104	152	68.4%	15.0%
N-Nitrosodiphenylamine	< 6.0 U	117	154	76.0%	124	152	81.6%	5.8%
Benzyl Alcohol	< 29.9 U	293	309	94.8%	314	305	103%	6.9%
Pentachlorophenol	< 29.9 U	147	154	95.5%	154	152	101%	4.7%
1,2-Dichlorobenzene	< 6.0 U	104	154	67.5%	107	152	70.4%	2.8%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-07-SS-090602**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 19:45
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.2	---
106-46-7	1,4-Dichlorobenzene	6.2	---
120-82-1	1,2,4-Trichlorobenzene	6.2	---
118-74-1	Hexachlorobenzene	6.2	---
87-68-3	Hexachlorobutadiene	6.2	---
85-68-7	Butylbenzylphthalate	15	---
95-48-7	2-Methylphenol	6.2	---
105-67-9	2,4-Dimethylphenol	6.2	---
86-30-6	N-Nitrosodiphenylamine	6.2	---
100-51-6	Benzyl Alcohol	31	---
87-86-5	Pentachlorophenol	31	---
95-50-1	1,2-Dichlorobenzene	6.2	---

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	70.4%	d5-Phenol	66.9%
2-Fluorophenol	62.1%	d4-2-Chlorophenol	73.9%
d4-1,2-Dichlorobenzene	60.0%	d5-Nitrobenzene	64.4%
2,4,6-Tribromophenol	86.9%	d14-p-Terphenyl	98.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-07-SS-090602**
Page 1 of 1 **MATRIX SPIKE DUPLICATE**

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 20:19
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	---
106-46-7	1,4-Dichlorobenzene	6.1	---
120-82-1	1,2,4-Trichlorobenzene	6.1	---
118-74-1	Hexachlorobenzene	6.1	---
87-68-3	Hexachlorobutadiene	6.1	---
85-68-7	Butylbenzylphthalate	15	---
95-48-7	2-Methylphenol	6.1	---
105-67-9	2,4-Dimethylphenol	6.1	---
86-30-6	N-Nitrosodiphenylamine	6.1	---
100-51-6	Benzyl Alcohol	30	---
87-86-5	Pentachlorophenol	30	---
95-50-1	1,2-Dichlorobenzene	6.1	---

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	67.2%	d5-Phenol	66.1%
2-Fluorophenol	61.9%	d4-2-Chlorophenol	71.5%
d4-1,2-Dichlorobenzene	60.8%	d5-Nitrobenzene	63.2%
2,4,6-Tribromophenol	87.2%	d14-p-Terphenyl	96.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LCS-060809**
Page 1 of 1 **LAB CONTROL SAMPLE**

Lab Sample ID: LCS-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed LCS: 06/15/09 14:06
Instrument/Analyst LCS: NT2/PK

Sample Amount LCS: 16.0 g-dry-wt
Final Extract Volume LCS: 1.0 mL
Dilution Factor LCS: 1.00

Analyte	LCS	Spike Added	Recovery
Dibenz(a,h)anthracene	151	156	96.8%
1,4-Dichlorobenzene	88.8	156	56.9%
1,2,4-Trichlorobenzene	108	156	69.2%
Hexachlorobenzene	119	156	76.3%
Hexachlorobutadiene	112	156	71.8%
Butylbenzylphthalate	136	156	87.2%
2-Methylphenol	88.8	156	56.9%
2,4-Dimethylphenol	38.8	156	24.9%
N-Nitrosodiphenylamine	105	156	67.3%
Benzyl Alcohol	336	312	108%
Pentachlorophenol	121	156	77.6%
1,2-Dichlorobenzene	97.5	156	62.5%

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	60.8%
d5-Phenol	59.7%
2-Fluorophenol	56.8%
d4-2-Chlorophenol	59.5%
d4-1,2-Dichlorobenzene	55.6%
d5-Nitrobenzene	60.0%
2,4,6-Tribromophenol	71.7%
d14-p-Terphenyl	80.4%

4B

SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

PB06MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Lab File ID: 061501 Date Extracted: 06/08/09

Instrument ID: NT2 Date Analyzed: 06/15/09

Matrix: SOLID Time Analyzed: 1332

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	PB06LCSS1	PB06LCSS1	061502	06/15/09
02	BW-01-SS-090602	PB06A	061509	06/15/09
03	BW-03-SS-090602	PB06C	061510	06/15/09
04	BW-07-SS-090602	PB06G	061511	06/15/09
05	BW-07-SS-090602	PB06GMS	061512	06/15/09
06	BW-07-SS-090602	PB06GMSD	061513	06/15/09
07	BW-09-SS-090602	PB06I	061514	06/15/09
08	BW-11-SS-090602	PB06K	061515	06/15/09
09	BW-53-SS-090602	PB06M	061516	06/15/09
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COMMENTS:

FORM IV SV

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: MB-060809**
Page 1 of 1 **METHOD BLANK**

Lab Sample ID: MB-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 13:32
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.2	< 6.2 U
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
85-68-7	Butylbenzylphthalate	16	< 16 U
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	60.8%	d5-Phenol	56.8%
2-Fluorophenol	55.5%	d4-2-Chlorophenol	65.1%
d4-1,2-Dichlorobenzene	57.6%	d5-Nitrobenzene	59.2%
2,4,6-Tribromophenol	57.9%	d14-p-Terphenyl	80.8%

PESTICIDE ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-01-SS-090602
SAMPLE

Lab Sample ID: PB06A
LIMS ID: 09-12542
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 21:05
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: 54.8%

CAS Number	Analyte	RL	Result
118-74-1	Hexachlorobenzene	0.98	< 0.98 U
87-68-3	Hexachlorobutadiene	0.98	< 0.98 U

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery

Decachlorobiphenyl	95.5%
Tetrachlorometaxylene	91.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-03-SS-090602
SAMPLE

Lab Sample ID: PB06C
LIMS ID: 09-12544
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 21:25
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: 52.4%

CAS Number	Analyte	RL	Result
118-74-1	Hexachlorobenzene	0.99	< 0.99 U
87-68-3	Hexachlorobutadiene	0.99	< 0.99 U

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery	
Decachlorobiphenyl	88.8%
Tetrachlorometaxylene	83.2%

FORM I

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-07-SS-090602
SAMPLE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 15:14
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
118-74-1	Hexachlorobenzene	0.98	< 0.98 U
87-68-3	Hexachlorobutadiene	0.98	< 0.98 U

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery

Decachlorobiphenyl	107%
Tetrachlorometaxylene	94.2%

FORM I

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-09-SS-090602
SAMPLE

Lab Sample ID: PB06I
LIMS ID: 09-12550
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 22:48
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: 46.1%

CAS Number	Analyte	RL	Result
118-74-1	Hexachlorobenzene	0.98	< 0.98 U
87-68-3	Hexachlorobutadiene	0.98	< 0.98 U

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery	
Decachlorobiphenyl	103%
Tetrachlorometaxylene	88.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-11-SS-090602
SAMPLE

Lab Sample ID: PB06K
LIMS ID: 09-12552
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 23:29
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: 54.9%

CAS Number	Analyte	RL	Result
118-74-1	**Hexachlorobenzene**	**0.98**	**1.0**
87-68-3	Hexachlorobutadiene	0.98	< 0.98 U

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery

Decachlorobiphenyl	91.8%
Tetrachlorometaxylene	89.0%

FORM I

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-53-SS-090602
SAMPLE

Lab Sample ID: PB06M
LIMS ID: 09-12554
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 23:50
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: 51.2%

CAS Number	Analyte	RL	Result
118-74-1	Hexachlorobenzene	0.97	< 0.97 U
87-68-3	Hexachlorobutadiene	0.97	< 0.97 U

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery

Decachlorobiphenyl	80.5%
Tetrachlorometaxylene	84.5%

FORM I

ANALYTICAL RESOURCES INCORPORATED

SW8081 PESTICIDE SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02

Client ID	DCBP	TCMX	TOT OUT
BW-01-SS-090602	95.5%	91.0%	0
BW-03-SS-090602	88.8%	83.2%	0
MB-060809	96.8%	79.2%	0
LCS-060809	98.0%	77.0%	0
BW-07-SS-090602	107%	94.2%	0
BW-07-SS-090602 MS	125%	102%	0
BW-07-SS-090602 MSD	125%	92.2%	0
BW-09-SS-090602	103%	88.2%	0
BW-11-SS-090602	91.8%	89.0%	0
BW-53-SS-090602	80.5%	84.5%	0

	LCS/MB LIMITS	QC LIMITS
(DCBP) = Decachlorobiphenyl	(42-110)	(42-137)
(TCMX) = Tetrachlorometaxylene	(50-124)	(40-119)

Prep Method: SW3550B
Log Number Range: 09-12542 to 09-12554

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-07-SS-090602
MS/MSD

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted MS/MSD: 06/08/09

Date Analyzed MS: 06/15/09 15:35
MSD: 06/15/09 15:55
Instrument/Analyst MS: ECD7/AAR
MSD: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No

Sample Amount MS: 25.5 g-dry-wt
MSD: 25.7 g-dry-wt
Final Extract Volume MS: 5.0 mL
MSD: 5.0 mL
Dilution Factor MS: 1.00
MSD: 1.00
Silica Gel: Yes

Percent Moisture: 29.7%

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Hexachlorobenzene	< 0.983	4.13	3.92	105%	3.78	3.90	96.9%	8.8%
Hexachlorobutadiene	< 0.983	3.33	3.92	84.9%	3.27	3.90	83.8%	1.8%

Reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-07-SS-090602
MATRIX SPIKE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 15:35
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
118-74-1	Hexachlorobenzene	0.98	---
87-68-3	Hexachlorobutadiene	0.98	---

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery	
Decachlorobiphenyl	125%
Tetrachlorometaxylene	102%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-07-SS-090602
MATRIX SPIKE DUP

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 15:55
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
118-74-1	Hexachlorobenzene	0.97	---
87-68-3	Hexachlorobutadiene	0.97	---

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery	
Decachlorobiphenyl	125%
Tetrachlorometaxylene	92.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: LCS-060809
LAB CONTROL

Lab Sample ID: LCS-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 20:44
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Hexachlorobenzene	3.68	4.00	92.0%
Hexachlorobutadiene	3.28	4.00	82.0%

Pest/PCB Surrogate Recovery

Decachlorobiphenyl	98.0%
Tetrachlorometaxylene	77.0%

Reported in µg/kg (ppb)

FORM III

FORM 4
PESTICIDE METHOD BLANK SUMMARY

BLANK NO.

PB06MBS1

Lab Name: ANALYTICAL RESOURCES, INC
Client: ANCHOR

ARI Job No.: PB06
Project: BAY WOOD PRODUCTS

Lab Sample ID: PB06MBS1
Lab File ID: 0611A022

Date Extracted: 06/08/09
Matrix: SOLID

Date Analyzed: 06/11/09
Instrument ID: ECD7

Time Analyzed: 2023
GC Columns: STX-CLP1/STX-CLP2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	PB06LCSS1	PB06LCSS1	06/11/09
02	BW-01-SS-090602	PB06A	06/11/09
03	BW-03-SS-090602	PB06C	06/11/09
04	BW-09-SS-090602	PB06I	06/11/09
05	BW-11-SS-090602	PB06K	06/11/09
06	BW-53-SS-090602	PB06M	06/11/09
07	BW-07-SS-090602	PB06G	06/15/09
08	BW-07-SS-090602 MS	PB06GMS	06/15/09
09	BW-07-SS-090602 MSD	PB06GMSD	06/15/09

ALL RUNS ARE DUAL COLUMN

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: MB-060809
METHOD BLANK

Lab Sample ID: MB-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 20:23
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.0 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
118-74-1	Hexachlorobenzene	1.0	< 1.0 U
87-68-3	Hexachlorobutadiene	1.0	< 1.0 U

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery	
Decachlorobiphenyl	96.8%
Tetrachlorometaxylene	79.2%

PCB ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: BW-01-SS-090602
SAMPLE

Lab Sample ID: PB06A
LIMS ID: 09-12542
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 17:41
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 54.8%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	9.9	< 9.9 U
53469-21-9	**Aroclor 1242**	**9.9**	**14**
12672-29-6	Aroclor 1248	9.9	< 9.9 U
11097-69-1	Aroclor 1254	9.9	< 9.9 U
11096-82-5	Aroclor 1260	9.9	< 9.9 U
11104-28-2	Aroclor 1221	9.9	< 9.9 U
11141-16-5	Aroclor 1232	9.9	< 9.9 U
37324-23-5	Aroclor 1262	9.9	< 9.9 U
11100-14-4	Aroclor 1268	9.9	< 9.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	81.0%
Tetrachlorometaxylene	76.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: BW-03-SS-090602
SAMPLE

Lab Sample ID: PB06C
LIMS ID: 09-12544
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 18:03
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 52.4%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	9.8	< 9.8 U
53469-21-9	Aroclor 1242	9.8	< 9.8 U
12672-29-6	Aroclor 1248	9.8	< 9.8 U
11097-69-1	Aroclor 1254	9.8	< 9.8 U
11096-82-5	Aroclor 1260	9.8	< 9.8 U
11104-28-2	Aroclor 1221	9.8	< 9.8 U
11141-16-5	Aroclor 1232	9.8	< 9.8 U
37324-23-5	Aroclor 1262	9.8	< 9.8 U
11100-14-4	Aroclor 1268	9.8	< 9.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	81.2%
Tetrachlorometaxylene	74.0%

FORM I

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: BW-07-SS-090602
SAMPLE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 18:25
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	9.8	< 9.8 U
53469-21-9	Aroclor 1242	9.8	< 9.8 U
12672-29-6	Aroclor 1248	9.8	< 9.8 U
11097-69-1	Aroclor 1254	9.8	< 9.8 U
11096-82-5	Aroclor 1260	9.8	< 9.8 U
11104-28-2	Aroclor 1221	9.8	< 9.8 U
11141-16-5	Aroclor 1232	9.8	< 9.8 U
37324-23-5	Aroclor 1262	9.8	< 9.8 U
11100-14-4	Aroclor 1268	9.8	< 9.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	92.5%
Tetrachlorometaxylene	79.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: BW-09-SS-090602
SAMPLE

Lab Sample ID: PB06I
LIMS ID: 09-12550
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 19:32
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 10.0
Silica Gel: No

Percent Moisture: 46.1%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	**Aroclor 1254**	**20**	**100**
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U
37324-23-5	Aroclor 1262	20	< 20 U
11100-14-4	Aroclor 1268	20	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	66.0%
Tetrachlorometaxylene	110%

FORM I

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: BW-11-SS-090602
SAMPLE

Lab Sample ID: PB06K
LIMS ID: 09-12552
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 19:54
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 54.9%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	9.8	< 9.8 U
53469-21-9	Aroclor 1242	9.8	< 9.8 U
12672-29-6	Aroclor 1248	9.8	< 9.8 U
11097-69-1	Aroclor 1254	9.8	< 9.8 U
11096-82-5	Aroclor 1260	9.8	< 9.8 U
11104-28-2	Aroclor 1221	9.8	< 9.8 U
11141-16-5	Aroclor 1232	9.8	< 9.8 U
37324-23-5	Aroclor 1262	9.8	< 9.8 U
11100-14-4	Aroclor 1268	9.8	< 9.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	70.8%
Tetrachlorometaxylene	71.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: BW-53-SS-090602
SAMPLE

Lab Sample ID: PB06M
LIMS ID: 09-12554
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 20:16
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 51.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	9.8	< 9.8 U
53469-21-9	Aroclor 1242	9.8	< 9.8 U
12672-29-6	Aroclor 1248	9.8	< 9.8 U
11097-69-1	Aroclor 1254	9.8	< 9.8 U
11096-82-5	Aroclor 1260	9.8	< 9.8 U
11104-28-2	Aroclor 1221	9.8	< 9.8 U
11141-16-5	Aroclor 1232	9.8	< 9.8 U
37324-23-5	Aroclor 1262	9.8	< 9.8 U
11100-14-4	Aroclor 1268	9.8	< 9.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	79.0%
Tetrachlorometaxylene	74.0%

ANALYTICAL RESOURCES INCORPORATED

SW8082/PCB SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02

Client ID	DCBP % REC	DCBP LCL-UCL	TCMX % REC	TCMX LCL-UCL	TOT OUT
BW-01-SS-090602	81.0%	42-127	76.2%	50-114	0
BW-03-SS-090602	81.2%	42-127	74.0%	50-114	0
MB-060809	86.8%	48-118	84.8%	43-108	0
LCS-060809	78.5%	48-118	75.5%	43-108	0
BW-07-SS-090602	92.5%	42-127	79.0%	50-114	0
BW-07-SS-090602 MS	75.5%	42-127	79.8%	50-114	0
BW-07-SS-090602 MSD	74.8%	42-127	77.2%	50-114	0
BW-09-SS-090602	66.0%	42-127	110%	50-114	0
BW-11-SS-090602	70.8%	42-127	71.5%	50-114	0
BW-53-SS-090602	79.0%	42-127	74.0%	50-114	0

Low Level PSDDA Control Limits
Prep Method: SW3550B
Log Number Range: 09-12542 to 09-12554

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: BW-07-SS-090602
MS/MSD

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted MS/MSD: 06/08/09

Date Analyzed MS: 06/10/09 18:47
MSD: 06/10/09 19:10
Instrument/Analyst MS: ECD4/PKC
MSD: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount MS: 25.7 g-dry-wt
MSD: 25.3 g-dry-wt
Final Extract Volume MS: 2.5 mL
MSD: 2.5 mL
Dilution Factor MS: 1.00
MSD: 1.00
Silica Gel: No

Percent Moisture: 29.7%

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Aroclor 1016	< 9.8 U	32.5 P	49.0	66.3%	34.4 P	49.7	69.2%	5.7%
Aroclor 1260	< 9.8 U	28.8	49.0	58.8%	28.1	49.7	56.5%	2.5%

Results reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: BW-07-SS-090602
MATRIX SPIKE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 18:47
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	9.7	---
53469-21-9	Aroclor 1242	9.7	< 9.7 U
12672-29-6	Aroclor 1248	9.7	< 9.7 U
11097-69-1	Aroclor 1254	9.7	< 9.7 U
11096-82-5	Aroclor 1260	9.7	---
11104-28-2	Aroclor 1221	9.7	< 9.7 U
11141-16-5	Aroclor 1232	9.7	< 9.7 U
37324-23-5	Aroclor 1262	9.7	< 9.7 U
11100-14-4	Aroclor 1268	9.7	< 9.7 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	75.5%
Tetrachlorometaxylene	79.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: BW-07-SS-090602
MATRIX SPIKE DUP

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 19:10
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	9.9	---
53469-21-9	Aroclor 1242	9.9	< 9.9 U
12672-29-6	Aroclor 1248	9.9	< 9.9 U
11097-69-1	Aroclor 1254	9.9	< 9.9 U
11096-82-5	Aroclor 1260	9.9	---
11104-28-2	Aroclor 1221	9.9	< 9.9 U
11141-16-5	Aroclor 1232	9.9	< 9.9 U
37324-23-5	Aroclor 1262	9.9	< 9.9 U
11100-14-4	Aroclor 1268	9.9	< 9.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	74.8%
Tetrachlorometaxylene	77.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: LCS-060809
LAB CONTROL

Lab Sample ID: LCS-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 17:18
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Aroclor 1016	37.8	50.4	75.0%
Aroclor 1260	36.3	50.4	72.0%

PCB Surrogate Recovery

Decachlorobiphenyl	78.5%
Tetrachlorometaxylene	75.5%

Results reported in µg/kg (ppb)

PCB METHOD BLANK SUMMARY

BLANK NO.

PB06MBS1

Lab Name: ANALYTICAL RESOURCES, INC
Client: ANCHOR

ARI Job No.: PB06
Project: BAY WOOD PRODUCTS

Lab Sample ID: PB06MBS1
Lab File ID: 0610A009

Date Extracted: 06/08/09
Matrix: SOLID

Date Analyzed: 06/10/09
Instrument ID: ECD4

Time Analyzed: 1656
GC Columns: ZB5/ZB35

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	PB06LCSS1	PB06LCSS1	06/10/09
02	BW-01-SS-090602	PB06A	06/10/09
03	BW-03-SS-090602	PB06C	06/10/09
04	BW-07-SS-090602	PB06G	06/10/09
05	BW-07-SS-090602 MS	PB06GMS	06/10/09
06	BW-07-SS-090602 MSD	PB06GMSD	06/10/09
07	BW-09-SS-090602	PB06I	06/10/09
08	BW-11-SS-090602	PB06K	06/10/09
09	BW-53-SS-090602	PB06M	06/10/09

ALL RUNS ARE DUAL COLUMN

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: MB-060809
METHOD BLANK

Lab Sample ID: MB-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 16:56
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	2.0	< 2.0 U
53469-21-9	Aroclor 1242	2.0	< 2.0 U
12672-29-6	Aroclor 1248	2.0	< 2.0 U
11097-69-1	Aroclor 1254	2.0	< 2.0 U
11096-82-5	Aroclor 1260	2.0	< 2.0 U
11104-28-2	Aroclor 1221	2.0	< 2.0 U
11141-16-5	Aroclor 1232	2.0	< 2.0 U
37324-23-5	Aroclor 1262	2.0	< 2.0 U
11100-14-4	Aroclor 1268	2.0	< 2.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	86.8%
Tetrachlorometaxylene	84.8%

TPHD ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
TOTAL DIESEL RANGE HYDROCARBONS
NWTPHD by GC/FID-Silica and Acid Cleaned
Page 1 of 2
Matrix: Sediment

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02

Data Release Authorized:
Reported: 06/17/09

ARI ID	Sample ID	Extraction Date	Analysis Date	EFV DL	Range	RL	Result
PB06A	BW-01-SS-090602	06/08/09	06/12/09	1.00	**Diesel**	10	22
09-12542	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	21	120
					o-Terphenyl		87.4%
PB06B	BW-02-SS-090602	06/08/09	06/12/09	1.00	Diesel	6.8	< 6.8 U
09-12543	HC ID: **MOTOR OIL**		FID4A	1.0	**Motor Oil**	14	25
					o-Terphenyl		96.1%
PB06C	BW-03-SS-090602	06/08/09	06/12/09	1.00	**Diesel**	10	10
09-12544	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	20	54
					o-Terphenyl		90.5%
PB06D	BW-04-SS-090602	06/08/09	06/12/09	1.00	**Diesel**	10	20
09-12545	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	20	110
					o-Terphenyl		91.6%
PB06E	BW-05-SS-090602	06/08/09	06/12/09	1.00	**Diesel**	9.0	12
09-12546	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	18	57
					o-Terphenyl		93.0%
PB06F	BW-06-SS-090602	06/08/09	06/12/09	1.00	Diesel	8.2	< 8.2 U
09-12547	HC ID: **MOTOR OIL**		FID4A	1.0	**Motor Oil**	16	27
					o-Terphenyl		98.1%
MB-060809	Method Blank	06/08/09	06/12/09	1.00	Diesel	5.0	< 5.0 U
09-12548	HC ID: ---		FID4A	1.0	Motor Oil	10	< 10 U
					o-Terphenyl		94.3%
PB06G	BW-07-SS-090602	06/08/09	06/13/09	1.00	**Diesel**	7.0	28
09-12548	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	14	190
					o-Terphenyl		103%
PB06H	BW-08-SS-090602	06/08/09	06/13/09	1.00	**Diesel**	7.7	14
09-12549	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	15	53
					o-Terphenyl		94.9%
PB06I	BW-09-SS-090602	06/08/09	06/13/09	1.00	**Diesel**	8.9	17
09-12550	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	18	78
					o-Terphenyl		97.1%
PB06J	BW-10-SS-090602	06/08/09	06/13/09	1.00	**Diesel**	6.9	11
09-12551	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	14	39
					o-Terphenyl		98.8%
PB06K	BW-11-SS-090602	06/08/09	06/13/09	1.00	**Diesel**	11	15
09-12552	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	22	79
					o-Terphenyl		95.6%
PB06L	BW-12-SS-090602	06/08/09	06/13/09	1.00	**Diesel**	10	12
09-12553	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	20	64
					o-Terphenyl		94.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
TOTAL DIESEL RANGE HYDROCARBONS
NWTPHD by GC/FID-Silica and Acid Cleaned
Page 2 of 2
Matrix: Sediment

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02

Data Release Authorized:
Reported: 06/17/09

ARI ID	Sample ID	Extraction Date	Analysis Date	EFV DL	Range	RL	Result
PB06M	BW-53-SS-090602	06/08/09	06/13/09	1.00	**Diesel**	**9.8**	**12**
09-12554	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	**20**	**70**
					o-Terphenyl		89.4%
PB06N	BW-54-SS-090602	06/08/09	06/13/09	1.00	**Diesel**	**10**	**13**
09-12555	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	**20**	**75**
					o-Terphenyl		87.5%

Reported in mg/kg (ppm)

EFV-Effective Final Volume in mL.
DL-Dilution of extract prior to analysis.
RL-Reporting limit.

Diesel quantitation on total peaks in the range from C12 to C24.
Motor Oil quantitation on total peaks in the range from C24 to C38.
HC ID: DRO/RRO indicate results of organics or additional hydrocarbons in ranges are not identifiable.

ANALYTICAL RESOURCES INCORPORATED

CLEANED TPHD SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02

Client ID		OTER	TOT OUT
BW-01-SS-090602		87.4%	0
BW-02-SS-090602		96.1%	0
BW-03-SS-090602		90.5%	0
BW-04-SS-090602		91.6%	0
BW-05-SS-090602		93.0%	0
BW-06-SS-090602		98.1%	0
MB-060809		94.3%	0
LCS-060809		100%	0
BW-07-SS-090602		103%	0
BW-07-SS-090602	MS	98.0%	0
BW-07-SS-090602	MSD	93.4%	0
BW-08-SS-090602		94.9%	0
BW-09-SS-090602		97.1%	0
BW-10-SS-090602		98.8%	0
BW-11-SS-090602		95.6%	0
BW-12-SS-090602		94.7%	0
BW-53-SS-090602		89.4%	0
BW-54-SS-090602		87.5%	0

	LCS/MB LIMITS	QC LIMITS
(OTER) = o-Terphenyl	(63-115)	(49-120)

Prep Method: SW3550B
Log Number Range: 09-12542 to 09-12555

FORM-II TPHD

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
NWTPHD by GC/FID-Silica and Acid Cleaned **Sample ID: BW-07-SS-090602**
Page 1 of 1 **MS/MSD**

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted MS/MSD: 06/08/09

Date Analyzed MS: 06/13/09 00:15
MSD: 06/13/09 00:29
Instrument/Analyst MS: FID/MS
MSD: FID/MS

Sample Amount MS: 7.20 g-dry-wt
MSD: 7.07 g-dry-wt
Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL
Dilution Factor MS: 1.0
MSD: 1.0
Percent Moisture: 29.7%

Range	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Diesel	28.2	202	208	83.6%	201	212	81.5%	0.5%

TPHD Surrogate Recovery

	MS	MSD
o-Terphenyl	98.0%	93.4%

Results reported in mg/kg
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
NWTPHD by GC/FID-Silica and Acid Cleaned **Sample ID: LCS-060809**
Page 1 of 1 **LAB CONTROL**

Lab Sample ID: LCS-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/12/09 21:54
Instrument/Analyst: FID/MS

Sample Amount: 10.0 g
Final Extract Volume: 1.0 mL
Dilution Factor: 1.0

Range	Lab Control	Spike Added	Recovery
Diesel	152	150	101%

TPHD Surrogate Recovery

o-Terphenyl	100%

Results reported in mg/kg

FORM III

TPH METHOD BLANK SUMMARY

BLANK NO.

PB06MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL,LLC.

SDG No.: PB06 Project No.: BAY WOOD PRODUCTS

Date Extracted: 06/08/09 Matrix: SOLID

Date Analyzed : 06/12/09 Instrument ID : FID4A

Time Analyzed : 2140

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	PB06LCSS1	PB06LCSS1	06/12/09
02	BW-01-SS-090	PB06A	06/12/09
03	BW-02-SS-090	PB06B	06/12/09
04	BW-03-SS-090	PB06C	06/12/09
05	BW-04-SS-090	PB06D	06/12/09
06	BW-05-SS-090	PB06E	06/12/09
07	BW-06-SS-090	PB06F	06/12/09
08	BW-07-SS-090	PB06G	06/13/09
09	BW-07-SS-090	PB06GMS	06/13/09
10	BW-07-SS-090	PB06GMSD	06/13/09
11	BW-08-SS-090	PB06H	06/13/09
12	BW-09-SS-090	PB06I	06/13/09
13	BW-10-SS-090	PB06J	06/13/09
14	BW-11-SS-090	PB06K	06/13/09
15	BW-12-SS-090	PB06L	06/13/09
16	BW-53-SS-090	PB06M	06/13/09
17	BW-54-SS-090	PB06N	06/13/09

FORM IV TPH

METALS ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: BW-01-SS-090602
SAMPLE

Lab Sample ID: PB06A
LIMS ID: 09-12542
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Percent Total Solids: 44.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/03/09	6010B	06/09/09	7440-36-0	Antimony	10	10	U
3050B	06/03/09	6010B	06/09/09	**7440-38-2**	**Arsenic**	10	**30**	
3050B	06/03/09	6010B	06/09/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/03/09	6010B	06/09/09	**7440-47-3**	**Chromium**	1	**67**	
3050B	06/03/09	6010B	06/09/09	**7440-50-8**	**Copper**	0.4	**71.1**	
3050B	06/03/09	6010B	06/09/09	**7439-92-1**	**Lead**	4	**13**	
CLP	06/03/09	7471A	06/08/09	**7439-97-6**	**Mercury**	0.05	**0.11**	
3050B	06/03/09	6010B	06/09/09	**7440-02-0**	**Nickel**	2	**55**	
3050B	06/03/09	6010B	06/09/09	7440-22-4	Silver	0.6	0.6	U
3050B	06/03/09	6010B	06/09/09	**7440-66-6**	**Zinc**	2	**98**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: BW-03-SS-090602
SAMPLE

Lab Sample ID: PB06C
LIMS ID: 09-12544
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Percent Total Solids: 47.0%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/03/09	6010B	06/09/09	7440-36-0	Antimony	10	10	U
3050B	06/03/09	6010B	06/09/09	**7440-38-2**	**Arsenic**	10	**20**	
3050B	06/03/09	6010B	06/09/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/03/09	6010B	06/09/09	**7440-47-3**	**Chromium**	1	**63**	
3050B	06/03/09	6010B	06/09/09	**7440-50-8**	**Copper**	0.4	**67.9**	
3050B	06/03/09	6010B	06/09/09	**7439-92-1**	**Lead**	4	**12**	
CLP	06/03/09	7471A	06/08/09	**7439-97-6**	**Mercury**	0.04	**0.10**	
3050B	06/03/09	6010B	06/09/09	**7440-02-0**	**Nickel**	2	**51**	
3050B	06/03/09	6010B	06/09/09	7440-22-4	Silver	0.6	0.6	U
3050B	06/03/09	6010B	06/09/09	**7440-66-6**	**Zinc**	2	**94**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: BW-07-SS-090602
SAMPLE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Percent Total Solids: 65.2%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/03/09	6010B	06/09/09	7440-36-0	Antimony	7	7	U
3050B	06/03/09	6010B	06/09/09	**7440-38-2**	**Arsenic**	7	**13**	
3050B	06/03/09	6010B	06/09/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/03/09	6010B	06/09/09	**7440-47-3**	**Chromium**	0.7	**28.9**	
3050B	06/03/09	6010B	06/09/09	**7440-50-8**	**Copper**	0.3	**29.1**	
3050B	06/03/09	6010B	06/09/09	**7439-92-1**	**Lead**	3	**7**	
CLP	06/03/09	7471A	06/08/09	**7439-97-6**	**Mercury**	0.03	**0.03**	
3050B	06/03/09	6010B	06/09/09	**7440-02-0**	**Nickel**	1	**25**	
3050B	06/03/09	6010B	06/09/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/03/09	6010B	06/09/09	**7440-66-6**	**Zinc**	1	**60**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: BW-09-SS-090602
SAMPLE

Lab Sample ID: PB06I
LIMS ID: 09-12550
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Percent Total Solids: 52.3%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/03/09	6010B	06/09/09	7440-36-0	Antimony	9	9	U
3050B	06/03/09	6010B	06/09/09	**7440-38-2**	**Arsenic**	9	**16**	
3050B	06/03/09	6010B	06/09/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/03/09	6010B	06/09/09	**7440-47-3**	**Chromium**	0.9	**46.9**	
3050B	06/03/09	6010B	06/09/09	**7440-50-8**	**Copper**	0.4	**48.7**	
3050B	06/03/09	6010B	06/09/09	**7439-92-1**	**Lead**	4	**17**	
CLP	06/03/09	7471A	06/08/09	**7439-97-6**	**Mercury**	0.04	**0.09**	
3050B	06/03/09	6010B	06/09/09	**7440-02-0**	**Nickel**	2	**37**	
3050B	06/03/09	6010B	06/09/09	7440-22-4	Silver	0.5	0.5	U
3050B	06/03/09	6010B	06/09/09	**7440-66-6**	**Zinc**	2	**72**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: BW-11-SS-090602
SAMPLE

Lab Sample ID: PB06K
LIMS ID: 09-12552
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Percent Total Solids: 44.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/03/09	6010B	06/09/09	7440-36-0	Antimony	10	10	U
3050B	06/03/09	6010B	06/09/09	**7440-38-2**	**Arsenic**	10	**20**	
3050B	06/03/09	6010B	06/09/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/03/09	6010B	06/09/09	**7440-47-3**	**Chromium**	1	**61**	
3050B	06/03/09	6010B	06/09/09	**7440-50-8**	**Copper**	0.4	**65.7**	
3050B	06/03/09	6010B	06/09/09	**7439-92-1**	**Lead**	4	**11**	
CLP	06/03/09	7471A	06/08/09	**7439-97-6**	**Mercury**	0.04	**0.11**	
3050B	06/03/09	6010B	06/09/09	**7440-02-0**	**Nickel**	2	**51**	
3050B	06/03/09	6010B	06/09/09	7440-22-4	Silver	0.7	0.7	U
3050B	06/03/09	6010B	06/09/09	**7440-66-6**	**Zinc**	2	**88**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: BW-53-SS-090602
SAMPLE

Lab Sample ID: PB06M
LIMS ID: 09-12554
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Percent Total Solids: 45.3%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/03/09	6010B	06/09/09	7440-36-0	Antimony	10	10	U
3050B	06/03/09	6010B	06/09/09	**7440-38-2**	**Arsenic**	10	**20**	
3050B	06/03/09	6010B	06/09/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/03/09	6010B	06/09/09	**7440-47-3**	**Chromium**	1	**69**	
3050B	06/03/09	6010B	06/09/09	**7440-50-8**	**Copper**	0.4	**72.6**	
3050B	06/03/09	6010B	06/09/09	**7439-92-1**	**Lead**	4	**13**	
CLP	06/03/09	7471A	06/08/09	**7439-97-6**	**Mercury**	0.04	**0.10**	
3050B	06/03/09	6010B	06/09/09	**7440-02-0**	**Nickel**	2	**56**	
3050B	06/03/09	6010B	06/09/09	7440-22-4	Silver	0.6	0.6	U
3050B	06/03/09	6010B	06/09/09	**7440-66-6**	**Zinc**	2	**104**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: BW-07-SS-090602
MATRIX SPIKE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

MATRIX SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Spike	Spike Added	% Recovery	Q
Antimony	6010B	7 U	66	297	22.2%	N
Arsenic	6010B	13	309	297	99.7%	
Cadmium	6010B	0.3 U	75.0	74.3	101%	
Chromium	6010B	28.9	105	74.3	102%	
Copper	6010B	29.1	104	74.3	101%	
Lead	6010B	7	293	297	96.3%	
Mercury	7471A	0.03	0.35	0.298	107%	
Nickel	6010B	25	99	74.3	99.6%	
Silver	6010B	0.4 U	72.9	74.3	98.1%	
Zinc	6010B	60	146	74.3	116%	

Reported in mg/kg-dry

N-Control Limit Not Met
H-% Recovery Not Applicable, Sample Concentration Too High
NA-Not Applicable, Analyte Not Spiked

Percent Recovery Limits: 75-125%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: BW-07-SS-090602
DUPLICATE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Antimony	6010B	7 U	7 U	0.0%	+/- 7	L
Arsenic	6010B	13	14	7.4%	+/- 7	L
Cadmium	6010B	0.3 U	0.3 U	0.0%	+/- 0.3	L
Chromium	6010B	28.9	37.4	25.6%	+/- 20%	*
Copper	6010B	29.1	36.4	22.3%	+/- 20%	*
Lead	6010B	7	9	25.0%	+/- 3	L
Mercury	7471A	0.03	0.04	28.6%	+/- 0.03	L
Nickel	6010B	25	29	14.8%	+/- 20%	
Silver	6010B	0.4 U	0.4 U	0.0%	+/- 0.4	L
Zinc	6010B	60	102	51.9%	+/- 20%	*

Reported in mg/kg-dry

*-Control Limit Not Met
L-RPD Invalid, Limit = Detection Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS **Sample ID: LAB CONTROL**

Lab Sample ID: PB06LCS
LIMS ID: 09-12550
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: NA
Date Received: NA

BLANK SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Spike Found	Spike Added	% Recovery	Q
Antimony	6010B	199	200	99.5%	
Arsenic	6010B	205	200	102%	
Cadmium	6010B	49.6	50.0	99.2%	
Chromium	6010B	50.0	50.0	100%	
Copper	6010B	48.9	50.0	97.8%	
Lead	6010B	195	200	97.5%	
Mercury	7471A	0.48	0.50	96.0%	
Nickel	6010B	47	50	94.0%	
Silver	6010B	53.2	50.0	106%	
Zinc	6010B	48	50	96.0%	

Reported in mg/kg-dry

N-Control limit not met
NA-Not Applicable, Analyte Not Spiked
Control Limits: 80-120%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS **Sample ID: METHOD BLANK**

Lab Sample ID: PB06MB
LIMS ID: 09-12550
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: NA
Date Received: NA

Percent Total Solids: NA

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/03/09	6010B	06/09/09	7440-36-0	Antimony	5	5	U
3050B	06/03/09	6010B	06/09/09	7440-38-2	Arsenic	5	5	U
3050B	06/03/09	6010B	06/09/09	7440-43-9	Cadmium	0.2	0.2	U
3050B	06/03/09	6010B	06/09/09	7440-47-3	Chromium	0.5	0.5	U
3050B	06/03/09	6010B	06/09/09	7440-50-8	Copper	0.2	0.2	U
3050B	06/03/09	6010B	06/09/09	7439-92-1	Lead	2	2	U
CLP	06/03/09	7471A	06/08/09	7439-97-6	Mercury	0.02	0.02	U
3050B	06/03/09	6010B	06/09/09	7440-02-0	Nickel	1	1	U
3050B	06/03/09	6010B	06/09/09	7440-22-4	Silver	0.3	0.3	U
3050B	06/03/09	6010B	06/09/09	7440-66-6	Zinc	1	1	U

U-Analyte undetected at given RL
RL-Reporting Limit

GENERAL CHEMISTRY ANALYSIS

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-01-SS-090602
ARI ID: 09-12542 PB06A

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	44.90
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	42.70
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	7.54
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.20	7.94
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	11.7	62.8
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	2.73

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-02-SS-090602
ARI ID: 09-12543 PB06B

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	68.30
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	66.80
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	2.99
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.13	4.70
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	1.49	8.90
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	1.91

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KC1 extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-03-SS-090602
ARI ID: 09-12544 PB06C

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	47.90
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	43.50
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	7.10
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.19	5.88
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	4.27	60.6
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	1.19

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-04-SS-090602
ARI ID: 09-12545 PB06D

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	47.80
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	46.00
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	7.69
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.20	7.22
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	4.28	27.6
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	1.50

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-05-SS-090602
ARI ID: 09-12546 PB06E

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	51.10
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	48.30
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	6.53
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.19	7.58
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	40.5	502
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	2.45

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-06-SS-090602
ARI ID: 09-12547 PB06F

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	55.70
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	50.20
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	5.69
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.17	6.36
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	1.96	6.56
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	1.61

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-07-SS-090602
ARI ID: 09-12548 PB06G

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	64.90
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	68.10
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	6.29
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.14	8.98
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	2.93	46.8
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	2.08

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-08-SS-090602
ARI ID: 09-12549 PB06H

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	60.40
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	58.80
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	5.72
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.15	5.09
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	1.68	< 1.68 U
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	1.11

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-09-SS-090602
ARI ID: 09-12550 PB06I

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	54.50
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	51.20
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	7.60
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.16	8.94
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	1.95	5.10
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	2.14

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-10-SS-090602
ARI ID: 09-12551 PB06J

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	69.20
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	61.80
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	4.23
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.14	6.36
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	1.61	3.50
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	1.43

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-11-SS-090602
ARI ID: 09-12552 PB06K

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	44.90
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	41.50
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	8.73
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.20	13.6
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	23.8	136
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	1.52

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-12-SS-090602
ARI ID: 09-12553 PB06L

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	49.10
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	44.60
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	7.64
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.20	8.19
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	10.9	133
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	2.73

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-53-SS-090602
ARI ID: 09-12554 PB06M

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	48.10
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	44.70
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	7.16
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.20	6.20
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	21.6	174
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	1.61

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-54-SS-090602
ARI ID: 09-12555 PB06N

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	47.40
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	43.30
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	8.10
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.21	5.50
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	11.5	112
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	2.73

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

MS/MSD RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Analyte	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: PB06G Client ID: BW-07-SS-090602						
N-Ammonia	06/05/09	mg-N/kg	8.98	141	139	94.7%
Sulfide	06/04/09	mg/kg	46.8	164	172	68.1%
Total Organic Carbon	06/09/09	Percent	2.08	4.51	2.16	112.5%

REPLICATE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: PB06G Client ID: BW-07-SS-090602					
Total Solids	06/03/09	Percent	64.90	65.30 65.10	0.3%
Preserved Total Solids	06/04/09	Percent	68.10	68.00 69.00	0.8%
Total Volatile Solids	06/03/09	Percent	6.29	7.52 6.43	10.0%
N-Ammonia	06/05/09	mg-N/kg	8.98	7.88	13.0%
Sulfide	06/04/09	mg/kg	46.8	50.5	7.6%
Total Organic Carbon	06/09/09	Percent	2.08	2.20 1.90	7.3%

LAB CONTROL RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	LCS	Spike Added	Recovery
Sulfide	06/04/09	mg/kg	108	120	90.3%
Total Organic Carbon	06/08/09	Percent	0.463	0.500	92.6%
	06/09/09		0.484	0.500	96.8%

METHOD BLANK RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	Blank
Total Solids	06/03/09	Percent	< 0.01 U
Preserved Total Solids	06/04/09	Percent	< 0.01 U
Total Volatile Solids	06/03/09	Percent	< 0.01 U
N-Ammonia	06/05/09	mg-N/kg	< 0.10 U
Sulfide	06/04/09	mg/kg	< 1.00 U
Total Organic Carbon	06/08/09	Percent	< 0.020 U
	06/09/09		< 0.020 U

STANDARD REFERENCE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Date	Units	SRM	True Value	Recovery
N-Ammonia	06/05/09	mg-N/kg	5.04	5.00	100.8%
SPEX 28-24AS					
Total Organic Carbon	06/08/09	Percent	3.15	3.35	94.0%
NIST #8704	06/09/09		3.17	3.35	94.6%

GEOTECHNICAL ANALYSIS

Anchor Environmental, LLC
080207-02
Bay Wood Products

Apparent Grain Size Distribution Summary
Percent Finer Than Indicated Size

Sample No.	Gravel			Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Silt				Clay	
Phi Size	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
Sieve Size (microns)	3/8"	#4 (4750)	#10 (2000)	#18 (1000)	#35 (500)	#60 (250)	#120 (125)	#230 (63)	31.00	15.60	7.80	3.90	2.00	1.00
BW-01-SS-090602	100.0	100.0	100.0	99.1	97.6	96.3	95.8	95.2	90.4	67.8	37.9	19.9	12.2	6.7
	100.0	100.0	99.9	98.8	97.4	96.2	95.7	95.1	90.6	66.9	38.2	19.8	13.7	7.1
	100.0	100.0	94.6	93.7	92.2	90.9	90.4	89.8	86.2	62.8	36.3	19.3	11.7	6.5
BW-02-SS-090602	100.0	99.9	99.2	95.5	77.8	44.2	31.6	29.5	24.5	17.5	10.4	6.2	3.9	2.1
BW-03-SS-090602	100.0	100.0	100.0	98.6	97.4	96.4	95.7	94.7	88.2	61.4	35.1	20.3	13.0	7.4
BW-04-SS-090602	100.0	100.0	99.9	98.3	96.8	95.3	94.0	92.2	80.2	53.7	29.1	16.4	10.2	5.8
BW-05-SS-090602	100.0	100.0	99.9	98.7	97.1	94.9	92.5	86.4	62.4	38.2	21.6	13.7	9.0	5.2
BW-06-SS-090602	100.0	98.5	98.3	97.6	96.6	94.8	91.1	78.0	45.7	28.7	16.7	10.9	7.1	3.9
BW-07-SS-090602	100.0	97.8	95.6	91.7	74.7	30.0	19.5	17.0	12.1	6.9	3.8	2.5	1.7	1.0
BW-08-SS-090602	100.0	99.7	99.4	98.7	96.9	92.0	76.9	45.1	23.9	16.4	11.6	8.5	6.3	4.1
BW-09-SS-090602	100.0	100.0	99.9	98.4	96.9	94.4	90.8	81.2	50.1	25.7	14.3	10.2	7.2	4.5
BW-10-SS-090602	100.0	99.9	99.3	97.4	87.0	55.3	40.9	30.4	18.1	12.4	8.6	6.1	4.5	2.9
BW-11-SS-090602	100.0	100.0	99.5	98.2	96.7	95.3	94.1	91.3	70.3	47.5	26.2	13.7	8.8	5.6
BW-12-SS-090602	100.0	100.0	99.6	98.1	96.7	95.2	93.4	89.5	71.6	47.5	26.0	13.7	9.1	6.3
BW-53-SS-090602	100.0	100.0	99.8	98.2	97.2	96.5	96.0	95.1	82.4	60.1	34.2	19.0	12.7	7.7
BW-54-SS-090602	100.0	100.0	100.0	98.3	97.2	96.4	95.5	93.9	78.4	53.5	28.5	16.5	10.3	5.9

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

PB06

Anchor Environmental, LLC
080207-02
Bay Wood Products

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay			Total Fines
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10	<4
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0	<230 (<62)
BW-01-SS-090602	0.0	0.8	1.5	1.3	0.5	0.6	4.8	22.6	29.8	18.0	7.7	5.5	6.7	95.2
	0.1	1.2	1.3	1.2	0.5	0.6	4.5	23.7	28.7	18.4	6.0	6.7	7.1	95.1
	5.4	0.9	1.5	1.3	0.5	0.6	3.7	23.3	26.5	17.1	7.5	5.2	6.5	89.8
BW-02-SS-090602	0.8	3.7	17.7	33.7	12.5	2.1	5.0	7.1	7.1	4.2	2.3	1.8	2.1	29.5
BW-03-SS-090602	0.0	1.4	1.2	1.1	0.7	1.0	6.5	26.8	26.3	14.8	7.3	5.6	7.4	94.7
BW-04-SS-090602	0.1	1.7	1.5	1.4	1.3	1.8	12.1	26.5	24.6	12.6	6.3	4.4	5.8	92.2
BW-05-SS-090602	0.1	1.2	1.6	2.2	2.4	6.0	24.0	24.2	16.6	7.9	4.7	3.8	5.2	86.4
BW-06-SS-090602	1.7	0.7	1.0	1.8	3.7	13.1	32.3	17.0	12.1	5.7	3.9	3.1	3.9	78.0
BW-07-SS-090602	4.4	3.9	17.0	44.7	10.5	2.4	5.0	5.2	3.1	1.4	0.8	0.7	1.0	17.0
BW-08-SS-090602	0.6	0.8	1.7	4.9	15.1	31.8	21.1	7.6	4.8	3.1	2.2	2.2	4.1	45.1
BW-09-SS-090602	0.1	1.5	1.5	2.5	3.6	9.6	31.1	24.5	11.4	4.0	3.0	2.7	4.5	81.2
BW-10-SS-090602	0.7	1.9	10.4	31.7	14.4	10.6	12.2	5.7	3.8	2.5	1.6	1.5	2.9	30.4
BW-11-SS-090602	0.5	1.4	1.4	1.4	1.3	2.8	21.0	22.8	21.3	12.5	5.0	3.2	5.6	91.3
BW-12-SS-090602	0.4	1.5	1.4	1.5	1.8	3.9	17.9	24.1	21.5	12.3	4.6	2.8	6.3	89.5
BW-53-SS-090602	0.2	1.6	1.0	0.7	0.5	0.9	12.7	22.3	25.9	15.2	6.4	5.0	7.7	95.1
BW-54-SS-090602	0.0	1.7	1.1	0.8	0.8	1.7	15.5	24.9	25.0	12.0	6.2	4.4	5.9	93.9

Notes to the Testing:
1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

PB06

QA SUMMARY

Client:	Anchor Environmental, LLC	Client Project No.:	080207-02
		Client Project Name:	Bay Wood Products
ARI Trip. Sample ID:	PB06A	Batch No.:	PB06-1
Client Trip. Sample ID:	BW-01-SS-090602	Page:	1 of 1

Relative Standard Deviation, By Phi Size

Sample ID	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
	100.0	100.0	100.0	99.1	97.6	96.3	95.8	95.2	90.4	67.8	37.9	19.9	12.2	6.7
V-01-SS-0906	100.0	100.0	99.9	98.8	97.4	96.2	95.7	95.1	90.6	66.9	38.2	19.8	13.7	7.1
	100.0	100.0	94.6	93.7	92.2	90.9	90.4	89.8	86.2	62.8	36.3	19.3	11.7	6.5
AVE	NA	100.00	98.16	97.21	95.77	94.48	93.96	93.36	89.05	65.85	37.48	19.64	12.56	6.76
STDEV	NA	0.00	3.09	3.01	3.07	3.09	3.06	3.07	2.51	2.64	1.01	0.34	1.06	0.30
%RSD	NA	0.00	3.15	3.10	3.21	3.27	3.25	3.29	2.82	4.02	2.70	1.74	8.42	4.44

The Triplicate Applies To The Following Samples

Client ID	Date Sampled	Date Extracted	Date Complete	QA Ratio (95-105)	Data Qualifiers	Pipette Portion (5.0-25.0g)
BW-01-SS-090602	6/2/2009	6/10/2009	6/17/2009	101.5		18.2
	6/2/2009	6/10/2009	6/17/2009	100.8		18.1
	6/2/2009	6/10/2009	6/17/2009	95.6		18.1
BW-02-SS-090602	6/2/2009	6/10/2009	6/17/2009	101.2		19.9
BW-03-SS-090602	6/2/2009	6/10/2009	6/17/2009	101.4		17.1
BW-04-SS-090602	6/2/2009	6/10/2009	6/17/2009	100.8		18.3
BW-05-SS-090602	6/2/2009	6/10/2009	6/17/2009	100.6		20.5
BW-06-SS-090602	6/2/2009	6/10/2009	6/17/2009	102.2		21.4
BW-07-SS-090602	6/2/2009	6/10/2009	6/17/2009	100.1		19.4
BW-08-SS-090602	6/2/2009	6/10/2009	6/17/2009	102.6		21.0
BW-09-SS-090602	6/2/2009	6/10/2009	6/17/2009	103.3		20.5
BW-10-SS-090602	6/2/2009	6/10/2009	6/17/2009	101.8		20.9
BW-11-SS-090602	6/2/2009	6/10/2009	6/17/2009	101.4		21.5
BW-12-SS-090602	6/2/2009	6/10/2009	6/17/2009	100.3		21.5
BW-53-SS-090602	6/2/2009	6/10/2009	6/17/2009	100.8		20.0
BW-54-SS-090602	6/2/2009	6/10/2009	6/17/2009	101.2		19.8

* ARI Internal QA limits = 95-105%

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

TOTAL SOLIDS

Extractions Total Solids-extts
Data By: Woo suk Chang
Created: 6/ 3/09

Worklist: 9497
Analyst: RVR
Comments:

	ARI ID / CLIENT ID	Tare Wt (g)	Wet Wt (g)	Dry Wt (g)	% Solids	pH
1.	PB06A 09-12542 BW-01-SS-090602	1.16	13.04	6.53	45.2	NR
2.	PB06B 09-12543 BW-02-SS-090602	1.15	12.34	9.20	71.9	NR
3.	PB06C 09-12544 BW-03-SS-090602	1.16	13.06	6.82	47.6	NR
4.	PB06D 09-12545 BW-04-SS-090602	1.15	11.44	6.00	47.1	NR
5.	PB06E 09-12546 BW-05-SS-090602	1.17	13.38	7.63	52.9	NR
6.	PB06F 09-12547 BW-06-SS-090602	1.15	12.59	7.62	56.6	NR
7.	PB06G 09-12548 BW-07-SS-090602	1.15	12.57	9.18	70.3	NR
8.	PB06H 09-12549 BW-08-SS-090602	1.17	12.79	8.37	62.0	NR
9.	PB06I 09-12550 BW-09-SS-090602	1.17	12.22	7.13	53.9	NR
10.	PB06J 09-12551 BW-10-SS-090602	1.14	12.07	8.84	70.4	NR
11.	PB06K 09-12552 BW-11-SS-090602	1.14	11.50	5.81	45.1	NR
12.	PB06L 09-12553 BW-12-SS-090602	1.14	11.41	6.17	49.0	NR
13.	PB06M 09-12554 BW-53-SS-090602	1.15	12.57	6.72	48.8	NR
14.	PB06N 09-12555 BW-54-SS-090602	1.16	11.56	6.10	47.5	NR

Solids Data Entry Report Checked by: KM Date: 6/09/09
Date: 06/04/09 Data Analyst: MH

Solids Determination performed on 06/03/09 by DM

JOB	SAMPLE	CLIENTID	TAREWEIGHT	SAMPDISH	DRYWEIGHT	SOLIDS
PB06	A	BW-01-SS-090602	1.008	10.467	5.248	44.83
PB06	C	BW-03-SS-090602	0.957	10.191	5.300	47.03
PB06	G	BW-07-SS-090602	0.983	10.331	7.080	65.22
PB06	I	BW-09-SS-090602	0.980	10.268	5.836	52.28
PB06	K	BW-11-SS-090602	0.992	10.191	5.072	44.35
PB06	M	BW-53-SS-090602	0.972	10.459	5.272	45.33

Laboratory Data Package

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

Semivolatile Analysis
QC Summary Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

SW8270 SEMIVOLATILES SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02

Client ID	NBZ	FBP	TPH	DCB	PHL	2FP	TBP	2CP	TOT OUT
BW-01-SS-090602	63.6%	67.2%	56.4%	54.8%	65.9%	65.9%	84.8%	62.7%	0
BW-01-SS-090602 DL	60.6%	68.8%	56.4%	56.0%	62.9%	63.9%	69.7%	60.8%	0
BW-03-SS-090602	64.4%	69.2%	61.2%	58.0%	67.2%	69.1%	90.9%	64.8%	0
BW-03-SS-090602 DL	60.4%	67.8%	58.4%	54.8%	60.8%	62.8%	69.3%	58.3%	0
MB-060809	65.2%	66.0%	71.2%	62.8%	62.7%	66.1%	79.7%	62.4%	0
LCS-060809	62.0%	60.8%	64.4%	57.6%	61.3%	63.2%	80.8%	59.7%	0
BW-07-SS-090602	68.4%	72.0%	58.4%	59.6%	71.2%	70.9%	92.0%	68.5%	0
BW-07-SS-090602 MS	72.4%	73.6%	59.6%	64.8%	80.0%	76.5%	99.5%	74.4%	0
BW-07-SS-090602 MSD	70.4%	71.2%	57.2%	60.8%	75.2%	73.6%	91.7%	70.7%	0
BW-09-SS-090602	64.0%	69.2%	60.8%	56.8%	65.9%	67.5%	89.9%	64.3%	0
BW-11-SS-090602	64.4%	69.6%	47.6%	58.0%	66.7%	68.8%	82.9%	65.9%	0
BW-11-SS-090602 DL	65.0%	70.4%	59.4%	56.4%	64.1%	67.6%	74.3%	63.7%	0
BW-53-SS-090602	68.0%	70.4%	63.2%	60.4%	69.9%	71.7%	94.9%	67.5%	0

	LCS/MB LIMITS	QC LIMITS
(NBZ) = d5-Nitrobenzene	(37-85)	(29-87)
(FBP) = 2-Fluorobiphenyl	(39-82)	(32-88)
(TPH) = d14-p-Terphenyl	(38-105)	(21-97)
(DCB) = d4-1,2-Dichlorobenzene	(33-79)	(25-82)
(PHL) = d5-Phenol	(40-85)	(29-85)
(2FP) = 2-Fluorophenol	(20-93)	(10-114)
(TBP) = 2,4,6-Tribromophenol	(40-96)	(25-103)
(2CP) = d4-2-Chlorophenol	(41-81)	(30-84)

Prep Method: SW3550B
Log Number Range: 09-12542 to 09-12554

FORM-II SW8270

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: BW-07-SS-090602
MS/MSD

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted MS/MSD: 06/08/09

Date Analyzed MS: 06/11/09 23:41
MSD: 06/12/09 00:13
Instrument/Analyst MS: NT6/LJR
MSD: NT6/LJR
GPC Cleanup: YES

Sample Amount MS: 25.7 g-dry-wt
MSD: 25.6 g-dry-wt
Final Extract Volume MS: 0.5 mL
MSD: 0.5 mL
Dilution Factor MS: 1.00
MSD: 1.00
Percent Moisture: 29.7 %

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Phenol	< 19.7	378	486	77.8%	364	487	74.7%	3.8%
1,3-Dichlorobenzene	< 19.7	322	486	66.3%	309	487	63.4%	4.1%
1,4-Dichlorobenzene	< 19.7	322	486	66.3%	313	487	64.3%	2.8%
Benzyl Alcohol	< 19.7	702	972	72.2%	663	975	68.0%	5.7%
1,2-Dichlorobenzene	< 19.7	327	486	67.3%	314	487	64.5%	4.1%
2-Methylphenol	< 19.7	379	486	78.0%	360	487	73.9%	5.1%
4-Methylphenol	< 19.7	802	972	82.5%	769	975	78.9%	4.2%
2,4-Dimethylphenol	< 19.7	392	486	80.7%	384	487	78.9%	2.1%
Benzoic Acid	< 197	1520	1460	104%	1450	1460	99.3%	4.7%
1,2,4-Trichlorobenzene	< 19.7	347	486	71.4%	338	487	69.4%	2.6%
Naphthalene	11.0	376	486	75.1%	365	487	72.7%	3.0%
Hexachlorobutadiene	< 19.7	358	486	73.7%	355	487	72.9%	0.8%
2-Methylnaphthalene	< 19.7	382	486	78.6%	373	487	76.6%	2.4%
Dimethylphthalate	< 19.7	416	486	85.6%	401	487	82.3%	3.7%
Acenaphthylene	< 19.7	406	486	83.5%	392	487	80.5%	3.5%
Acenaphthene	< 19.7	408	486	84.0%	402	487	82.5%	1.5%
Dibenzofuran	< 19.7	422	486	86.8%	410	487	84.2%	2.9%
Diethylphthalate	< 19.7	452	486	93.0%	428	487	87.9%	5.5%
Fluorene	14.2	464	486	92.6%	436	487	86.6%	6.2%
N-Nitrosodiphenylamine	< 19.7	391	486	80.5%	376	487	77.2%	3.9%
Hexachlorobenzene	< 19.7	378	486	77.8%	368	487	75.6%	2.7%
Pentachlorophenol	< 98.4	550	486	113%	505	487	104%	8.5%
Phenanthrene	61.0	493	486	88.9%	483	487	86.7%	2.0%
Anthracene	169	528	486	73.9%	443	487	56.3%	17.5%
Di-n-Butylphthalate	< 19.7	492	486	101%	467	487	95.9%	5.2%
Fluoranthene	364	781	486	85.8%	1010	487	133%	25.6%
Pyrene	175	392	486	44.7%	484	487	63.4%	21.0%
Butylbenzylphthalate	< 19.7	343	486	70.6%	341	487	70.0%	0.6%
Benzo(a)anthracene	85.0	465	486	78.2%	476	487	80.3%	2.3%
bis(2-Ethylhexyl)phthalate	258	650	486	80.7%	619	487	74.1%	4.9%
Chrysene	291	524	486	47.9%	569	487	57.1%	8.2%
Di-n-Octyl phthalate	15.7	419	486	83.0%	414	487	81.8%	1.2%
Benzo(b)fluoranthene	109	600	486	101%	603	487	101%	0.5%
Benzo(k)fluoranthene	109	515	486	83.5%	496	487	79.5%	3.8%
Benzo(a)pyrene	81.9	477	486	81.3%	449	487	75.4%	6.0%
Indeno(1,2,3-cd)pyrene	25.4	258	486	47.9%	247	487	45.5%	4.4%
Dibenz(a,h)anthracene	11.0	281	486	55.6%	259	487	50.9%	8.1%
Benzo(g,h,i)perylene	28.7	214	486	38.1%	204	487	36.0%	4.8%
1-Methylnaphthalene	< 19.7	411	486	84.6%	401	487	82.3%	2.5%

Results reported in µg/kg
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS

Sample ID: LCS-060809
LAB CONTROL

Lab Sample ID: LCS-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 21:29
Instrument/Analyst: NT6/LJR
GPC Cleanup: YES

Sample Amount: 25.0 g
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Phenol	310	500	62.0%
1,3-Dichlorobenzene	296	500	59.2%
1,4-Dichlorobenzene	301	500	60.2%
Benzyl Alcohol	599	1000	59.9%
1,2-Dichlorobenzene	299	500	59.8%
2-Methylphenol	311	500	62.2%
4-Methylphenol	651	1000	65.1%
2,4-Dimethylphenol	270	500	54.0%
Benzoic Acid	1240	1500	82.7%
1,2,4-Trichlorobenzene	296	500	59.2%
Naphthalene	316	500	63.2%
Hexachlorobutadiene	310	500	62.0%
2-Methylnaphthalene	320	500	64.0%
Dimethylphthalate	360	500	72.0%
Acenaphthylene	332	500	66.4%
Acenaphthene	330	500	66.0%
Dibenzofuran	342	500	68.4%
Diethylphthalate	399	500	79.8%
Fluorene	369	500	73.8%
N-Nitrosodiphenylamine	339	500	67.8%
Hexachlorobenzene	344	500	68.8%
Pentachlorophenol	426	500	85.2%
Phenanthrene	376	500	75.2%
Anthracene	360	500	72.0%
Di-n-Butylphthalate	434	500	86.8%
Fluoranthene	488	500	97.6%
Pyrene	299	500	59.8%
Butylbenzylphthalate	346	500	69.2%
Benzo(a)anthracene	362	500	72.4%
bis(2-Ethylhexyl)phthalate	379	500	75.8%
Chrysene	372	500	74.4%
Di-n-Octyl phthalate	383	500	76.6%
Benzo(b)fluoranthene	397	500	79.4%
Benzo(k)fluoranthene	394	500	78.8%
Benzo(a)pyrene	371	500	74.2%
Indeno(1,2,3-cd)pyrene	269	500	53.8%
Dibenz(a,h)anthracene	294	500	58.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS

Sample ID: LCS-060809
LAB CONTROL

Lab Sample ID: LCS-060809
LIMS ID: 09-12548
Matrix: Sediment
Date Analyzed: 06/11/09 21:29

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02

Analyte	Lab Control	Spike Added	Recovery
Benzo(g,h,i)perylene	227	500	45.4%
1-Methylnaphthalene	347	500	69.4%

Semivolatile Surrogate Recovery	
d5-Nitrobenzene	62.0%
2-Fluorobiphenyl	60.8%
d14-p-Terphenyl	64.4%
d4-1,2-Dichlorobenzene	57.6%
d5-Phenol	61.3%
2-Fluorophenol	63.2%
2,4,6-Tribromophenol	80.8%
d4-2-Chlorophenol	59.7%

Results reported in µg/kg

4B

SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

PB06MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Lab File ID: PB06MB Date Extracted: 06/08/09

Instrument ID: NT6 Date Analyzed: 06/11/09

Matrix: SOLID Time Analyzed: 2057

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	PB06LCSS1	PB06LCSS1	PB06SB	06/11/09
02	BW-01-SS-090602	PB06A	PB06A	06/11/09
03	BW-03-SS-090602	PB06C	PB06C	06/11/09
04	BW-07-SS-090602	PB06G	PB06G	06/11/09
05	BW-07-SS-090602	PB06GMS	PB06GMS	06/11/09
06	BW-07-SS-090602	PB06GMSD	PB06GMD	06/12/09
07	BW-09-SS-090602	PB06I	PB06I	06/12/09
08	BW-11-SS-090602	PB06K	PB06K	06/12/09
09	BW-53-SS-090602	PB06M	PB06M	06/12/09
10	BW-01-SS-090602	PB06A	PB06ADL	06/16/09
11	BW-03-SS-090602	PB06C	PB06CDL	06/16/09
12	BW-11-SS-090602	PB06K	PB06KDL	06/16/09
13				
14				
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30				

COMMENTS:

FORM IV SV

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

Instrument ID: NT6 Project: BAY WOOD PRODUCTS

DFTPP Injection Date: 06/11/09 DFTPP Injection Time: 1027

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	57.8
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	65.7
70	Less than 2.0% of mass 69	0.3 (0.5)1
127	25.0 - 75.0% of mass 198	51.9
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.0
275	10.0 - 30.0% of mass 198	22.5
365	Greater than 0.75% of mass 198	3.77
441	Present, but less than mass 443	9.1
442	40.0 - 110.0% of mass 198	57.5
443	15.0 - 24.0% of mass 442	12.4 (21.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ABN 25	ABN 25	0250611	06/11/09	1027
02	ABN 80	ABN 80	0800611	06/11/09	1104
03	ABN 40	ABN 40	0400611	06/11/09	1210
04	ABN 10	ABN 10	0100611	06/11/09	1315
05	ABN 1	ABN 1	0010611A	06/11/09	1348
06	ABN 5	ABN 5	0050611A	06/11/09	1421
07					
08					
09					
10					
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FORM V SV

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

Instrument ID: NT6 Project: BAY WOOD PRODUCTS

DFTPP Injection Date: 06/11/09 DFTPP Injection Time: 1529

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	62.4
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	69.7
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	25.0 - 75.0% of mass 198	55.6
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.3
275	10.0 - 30.0% of mass 198	25.8
365	Greater than 0.75% of mass 198	3.75
441	Present, but less than mass 443	9.9
442	40.0 - 110.0% of mass 198	64.9
443	15.0 - 24.0% of mass 442	13.3 (20.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ABN CCAL	ABN 25	CC0611	06/11/09	1529
02	PB06MBS1	PB06MBS1	PB06MB	06/11/09	2057
03	PB06LCSS1	PB06LCSS1	PB06SB	06/11/09	2129
04	BW-01-SS-090602	PB06A	PB06A	06/11/09	2202
05	BW-03-SS-090602	PB06C	PB06C	06/11/09	2235
06	BW-07-SS-090602	PB06G	PB06G	06/11/09	2308
07	BW-07-SS-090602	PB06GMS	PB06GMS	06/11/09	2341
08	BW-07-SS-090602	PB06GMSD	PB06GMD	06/12/09	0013
09	BW-09-SS-090602	PB06I	PB06I	06/12/09	0046
10	BW-11-SS-090602	PB06K	PB06K	06/12/09	0119
11	BW-53-SS-090602	PB06M	PB06M	06/12/09	0152
12					
13					
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15					
16					
17					
18					
19					
20					
21					
22					

FORM V SV

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

Instrument ID: NT6 Project: BAY WOOD PRODUCTS

DFTPP Injection Date: 06/15/09 DFTPP Injection Time: 1439

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	60.3
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	67.3
70	Less than 2.0% of mass 69	0.3 (0.4)1
127	25.0 - 75.0% of mass 198	52.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	25.0
365	Greater than 0.75% of mass 198	3.15
441	Present, but less than mass 443	9.5
442	40.0 - 110.0% of mass 198	63.1
443	15.0 - 24.0% of mass 442	12.0 (18.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ABN CCAL	ABN 25	CC0615	06/15/09	1439
02	BW-01-SS-090602	PB06A	PB06ADL	06/16/09	0027
03	BW-03-SS-090602	PB06C	PB06CDL	06/16/09	0100
04	BW-11-SS-090602	PB06K	PB06KDL	06/16/09	0132
05					
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22					

FORM V SV

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Ical Midpoint ID: 0250611 Ical Date: 06/11/09

Instrument ID: NT6 Cont. Cal Date: 06/11/09

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	ICAL MIDPT	112389	7.13	384492	9.19	217478	12.03
	UPPER LIMIT	224778	7.63	768984	9.69	434956	12.53
	LOWER LIMIT	56194	6.63	192246	8.69	108739	11.53
	Sample ID						
00	CC0611	103041	7.13	338029	9.19	185486	12.03
01	PB06MBS1	89418	7.14	301795	9.20	170342	12.04
02	PB06LCSS1	90140	7.14	300005	9.20	180011	12.05
03	BW-01-SS-090	86307	7.14	298984	9.20	168486	12.04
04	BW-03-SS-090	87809	7.14	303782	9.20	173580	12.04
05	BW-07-SS-090	89389	7.14	305608	9.20	180065	12.04
06	BW-07-SS-090	87431	7.14	298303	9.20	181578	12.05
07	BW-07-SS-090	87814	7.14	291911	9.20	176603	12.05
08	BW-09-SS-090	85723	7.15	292447	9.20	168144	12.05
09	BW-11-SS-090	89291	7.15	304948	9.20	169368	12.05
10	BW-53-SS-090	82800	7.14	285356	9.20	166978	12.05
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22							

IS1 = 1,4-Dichlorobenzene-d4
IS2 = Naphthalene-d8
IS3 = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-1

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Ical Midpoint ID: PB06M Ical Date: 06/11/09

Instrument ID: NT6 Cont. Cal Date: 06/11/09

		IS4(PHN) AREA	#	RT	#	IS5(CRY) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	ICAL MIDPT	336594		14.38		247160		18.66		232938		20.78	
	UPPER LIMIT	673188		14.88		494320		19.16		465876		21.28	
	LOWER LIMIT	168297		13.88		123580		18.16		116469		20.28	
	Sample ID												
00	CC0611	292731		14.38		244267		18.65		259139		20.78	
01	PB06MBS1	326846		14.40		419416		18.67		450090		20.80	
02	PB06LCSS1	325687		14.39		438633		18.67		432733		20.81	
03	BW-01-SS-090	299250		14.39		454753		18.67		485794	*	20.82	
04	BW-03-SS-090	323420		14.39		471976		18.67		476782	*	20.81	
05	BW-07-SS-090	330349		14.40		505717	*	18.68		515528	*	20.84	
06	BW-07-SS-090	340489		14.40		538884	*	18.70		514495	*	20.85	
07	BW-07-SS-090	326194		14.40		520635	*	18.70		497320	*	20.85	
08	BW-09-SS-090	312771		14.40		481355		18.69		464366		20.83	
09	BW-11-SS-090	287406		14.40		522008	*	18.69		456072		20.83	
10	BW-53-SS-090	306180		14.40		437817		18.68		427760		20.82	
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IS4 = Phenanthrene-d10
IS5 = Chrysene-d12
IS6 = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-2

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Ical Midpoint ID: PB06M Ical Date: 06/11/09

Instrument ID: NT6 Cont. Cal Date: 06/11/09

		IS7 AREA #	RT #	AREA #	RT #	AREA #	RT #
	ICAL MIDPT	347036	19.89				
	UPPER LIMIT	694072	20.39				
	LOWER LIMIT	173518	19.39				
	Sample ID						
00	CC0611	365840	19.89				
01	PB06MBS1	627284	19.90				
02	PB06LCSS1	620793	19.90				
03	BW-01-SS-090	654749	19.91				
04	BW-03-SS-090	678364	19.91				
05	BW-07-SS-090	722353*	19.92				
06	BW-07-SS-090	756339*	19.93				
07	BW-07-SS-090	730709*	19.93				
08	BW-09-SS-090	689621	19.92				
09	BW-11-SS-090	674448	19.92				
10	BW-53-SS-090	642153	19.91				
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IS7 = Di-n-octylphthalate-d4

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-3

8B
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Ical Midpoint ID: 0250611 Ical Date: 06/11/09

Instrument ID: NT6 Cont. Cal Date: 06/15/09

		IS1(DCB)			IS2(NPT)			IS3(ANT)	
		AREA	#	RT	#	AREA	#	RT	#	AREA	#	RT	#
	ICAL MIDPT	112389		7.13		384492		9.19		217478		12.03	
	UPPER LIMIT	224778		7.63		768984		9.69		434956		12.53	
	LOWER LIMIT	56194		6.63		192246		8.69		108739		11.53	
	Sample ID												
00	CC0615	104405		6.85		355513		8.92		202417		11.75	
01	BW-01-SS-090	94737		6.85		327417		8.91		176266		11.75	
02	BW-03-SS-090	91205		6.85		311206		8.91		169801		11.75	
03	BW-11-SS-090	92820		6.85		316450		8.91		172687		11.75	
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22													

IS1 = 1,4-Dichlorobenzene-d4
IS2 = Naphthalene-d8
IS3 = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
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RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-1

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Ical Midpoint ID: PB06KDL Ical Date: 06/11/09

Instrument ID: NT6 Cont. Cal Date: 06/15/09

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	ICAL MIDPT	336594	14.38	247160	18.66	232938	20.78
	UPPER LIMIT	673188	14.88	494320	19.16	465876	21.28
	LOWER LIMIT	168297	13.88	123580	18.16	116469	20.28
	Sample ID						
00	CC0615	315595	14.08	262370	18.34	252054	20.45
01	BW-01-SS-090	258962	14.08	307843	18.34	364727	20.47
02	BW-03-SS-090	259291	14.08	299639	18.33	333147	20.46
03	BW-11-SS-090	257537	14.08	299609	18.34	327760	20.47
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IS4 = Phenanthrene-d10
IS5 = Chrysene-d12
IS6 = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-2

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Ical Midpoint ID: PB06KDL Ical Date: 06/11/09

Instrument ID: NT6 Cont. Cal Date: 06/15/09

		IS7 AREA #	RT #	AREA #	RT #	AREA #	RT #
	ICAL MIDPT	347036	19.89				
	UPPER LIMIT	694072	20.39				
	LOWER LIMIT	173518	19.39				
	Sample ID						
00	CC0615	373565	19.60				
01	BW-01-SS-090	433074	19.60				
02	BW-03-SS-090	420227	19.60				
03	BW-11-SS-090	415593	19.60				
04							
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IS7 = Di-n-octylphthalate-d4

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-3

Semivolatile Analysis
Sample Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: BW-01-SS-090602
SAMPLE

Lab Sample ID: PB06A
LIMS ID: 09-12542
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 22:02
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 54.8%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**26**
120-12-7	**Anthracene**	**20**	**19 J**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**120**
129-00-0	**Pyrene**	**20**	**63**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**44**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**39**
218-01-9	**Chrysene**	**20**	**100**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**44**
207-08-9	**Benzo(k)fluoranthene**	**20**	**44**
50-32-8	**Benzo(a)pyrene**	**20**	**33**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**13 J**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	**Benzo(g,h,i)perylene**	**20**	**13 J**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	63.6%	2-Fluorobiphenyl	67.2%
d14-p-Terphenyl	56.4%	d4-1,2-Dichlorobenzene	54.8%
d5-Phenol	65.9%	2-Fluorophenol	65.9%
2,4,6-Tribromophenol	84.8%	d4-2-Chlorophenol	62.7%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611a.b/pb06a.d
Lab Smp Id: PB06A Client Smp ID: BW-01-SS-090602
Inj Date : 11-JUN-2009 22:02
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB06A
Misc Info : 09-12542
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611a.b/SW846.m
Meth Date : 12-Jun-2009 10:27 van Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	56.40000	Weight of sample extracted (g)
M	54.80000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.138	5.102	(0.719)	175831	24.7111	484.7
$	2 Phenol-d5	99	6.831	6.784	(0.957)	235623	24.6592	483.7
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.852	6.838	(0.960)	136616	23.4632	460.2
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.140	7.131	(1.000)	86307	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.439	7.431	(1.042)	58964	13.7200	269.1
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)	
	17 Hexachloroethane	117	Compound Not Detected.						
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.						
	15 4-Methylphenol	108	Compound Not Detected.						
$	18 Nitrobenzene-d5	82	8.091	8.082	(0.880)	145959	15.8957	311.8	
	19 Nitrobenzene	77	Compound Not Detected.						
	20 Isophorone	82	Compound Not Detected.						
	21 2-Nitrophenol	139	Compound Not Detected.						
	22 2,4-Dimethylphenol	107	Compound Not Detected.						
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.						
	24 Benzoic acid	105	Compound Not Detected.						
	25 2,4-Dichlorophenol	162	Compound Not Detected.						
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.						
*	27 Naphthalene-d8	136	9.197	9.193	(1.000)	298984	20.0000		
	28 Naphthalene	128	Compound Not Detected.						
	29 4-Chloroaniline	127	Compound Not Detected.						
	30 Hexachlorobutadiene	225	Compound Not Detected.						
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.						
	32 2-Methylnaphthalene	141	Compound Not Detected.						
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.						
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.						
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.						
$	36 2-Fluorobiphenyl	172	11.007	11.004	(0.914)	210089	16.7873	329.3	
	37 2-Chloronaphthalene	162	Compound Not Detected.						
	38 2-Nitroaniline	65	Compound Not Detected.						
	39 Dimethylphthalate	163	Compound Not Detected.						
	40 Acenaphthylene	152	Compound Not Detected.						
	41 2,6-Dinitrotoluene	165	Compound Not Detected.						
*	42 Acenaphthene-d10	164	12.043	12.035	(1.000)	168486	20.0000		
	43 3-Nitroaniline	138	Compound Not Detected.						
	44 Acenaphthene	153	Compound Not Detected.						
	45 2,4-Dinitrophenol	184	Compound Not Detected.						
	46 Dibenzofuran	168	Compound Not Detected.						
	47 4-Nitrophenol	109	Compound Not Detected.						
	48 2,4-Dinitrotoluene	165	Compound Not Detected.						
	50 Diethylphthalate	149	12.919	12.916	(1.073)	7735	0.69136	13.56	J LMDL
	49 Fluorene	166	Compound Not Detected.						
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.						
	52 4-Nitroaniline	138	Compound Not Detected.						
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.						
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.						
$	55 2,4,6-Tribromophenol	330	13.331	13.322	(1.107)	51120	31.8206	624.1	
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.						
	57 Hexachlorobenzene	284	Compound Not Detected.						
	58 Pentachlorophenol	266	Compound Not Detected.						
*	59 Phenanthrene-d10	188	14.388	14.379	(1.000)	299250	20.0000		
	60 Phenanthrene	178	14.426	14.417	(1.003)	25643	1.35005	26.48	J
	61 Anthracene	178	14.495	14.486	(1.007)	18983	0.98581	19.34	J
	62 Carbazole	167	Compound Not Detected.						

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.348	16.329	(1.136)	115524	5.95735	116.8
65	Pyrene	202	16.690	16.671	(0.894)	120869	3.20833	62.93
$ 66	Terphenyl-d14	244	17.048	17.028	(0.913)	342674	14.1082	276.7
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	18.650	18.625	(0.999)	74619	2.22318	43.60
* 69	Chrysene-d12	240	18.672	18.652	(1.000)	454753	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.709	18.690	(1.002)	167075	5.19870	102.0
72	bis(2-Ethylhexyl)phthalate	149	18.976	18.957	(0.953)	39932	1.96641	38.57
* 134	Di-n-octylphthalate-d4	153	19.911	19.891	(1.000)	654749	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	20.295	20.265	(0.975)	159673	~~4.53572~~	88.96
75	Benzo(k)fluoranthene	252	20.295	20.303	(0.975)	159673	~~4.41~~599	86.61
76	Benzo(a)pyrene	252	20.733	20.703	(0.996)	54081	1.69707	33.29
* 77	Perylene-d12	264	20.819	20.783	(1.000)	485794	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.175	22.135	(1.065)	27252	0.64150	12.58
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	22.475	22.428	(1.080)	23675	0.63768	12.51
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

2.238
2.238
J (out ↑)
J

VTS
6.12.2009

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb06a.d
Lab Smp Id: PB06A
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12542

Calibration Date: 11-JUN-2009
Calibration Time: 15:29
Client Smp ID: BW-01-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	86307	-23.21
27 Naphthalene-d8	384492	192246	768984	298984	-22.24
42 Acenaphthene-d10	217478	108739	434956	168486	-22.53
59 Phenanthrene-d10	336594	168297	673188	299250	-11.09
69 Chrysene-d12	247160	123580	494320	454753	83.99
134 Di-n-octylphthala	347036	173518	694072	654749	88.67
77 Perylene-d12	232938	116469	465876	485794	108.55 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.14	0.13
27 Naphthalene-d8	9.19	8.69	9.69	9.20	0.04
42 Acenaphthene-d10	12.03	11.53	12.53	12.04	0.07
59 Phenanthrene-d10	14.38	13.88	14.88	14.39	0.06
69 Chrysene-d12	18.65	18.15	19.15	18.67	0.11
134 Di-n-octylphthala	19.89	19.39	20.39	19.91	0.10
77 Perylene-d12	20.78	20.28	21.28	20.82	0.17

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06A
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12542

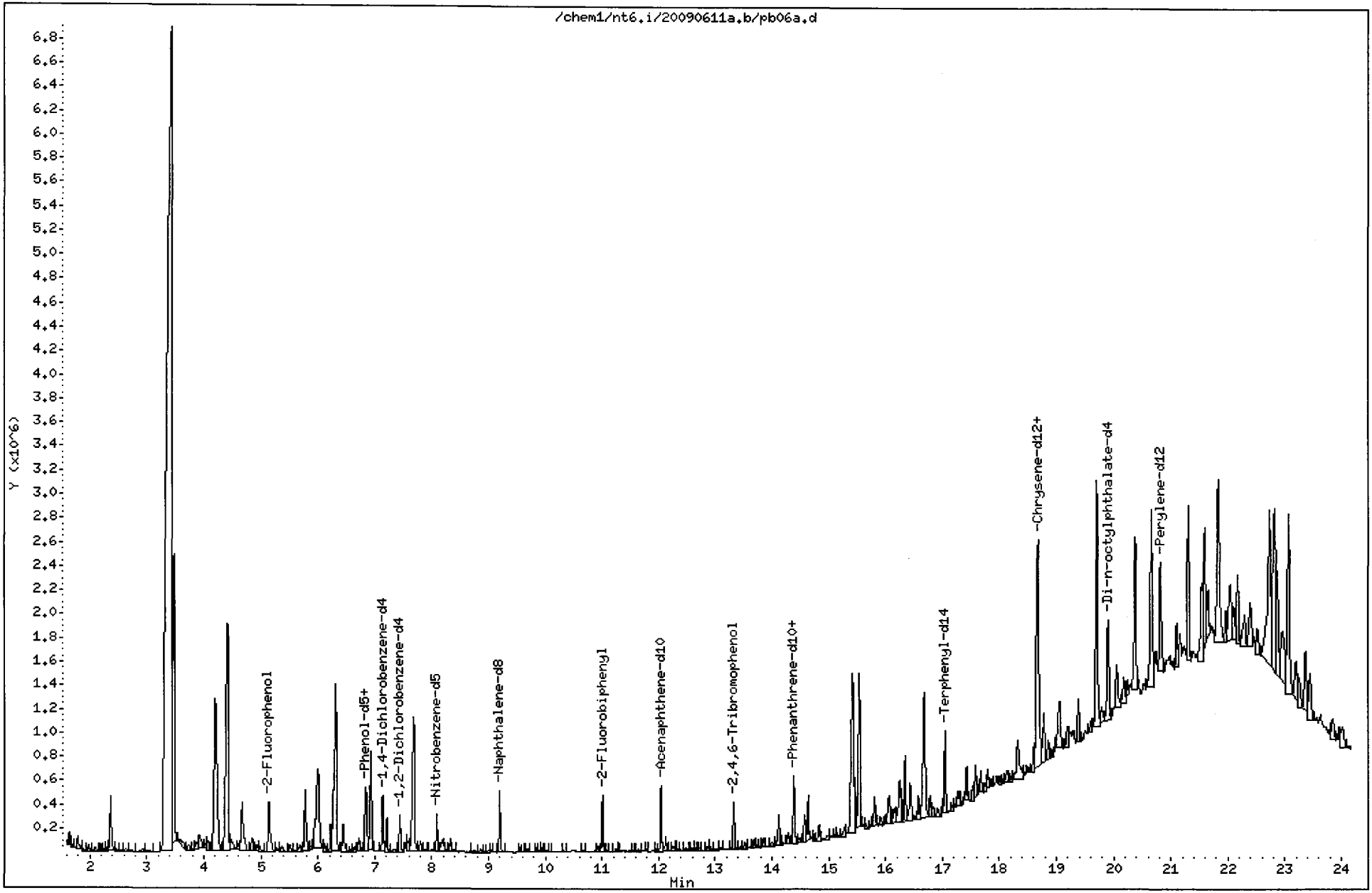
Client SDG: PB06
Fraction: SV
Client Smp ID: BW-01-SS-090602
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	735.5	484.7	65.90	21-100
$ 2 Phenol-d5	735.5	483.7	65.76	10-100
$ 5 2-Chlorophenol-d4	735.5	460.2	62.57	30-100
$ 10 1,2-Dichlorobenzen	490.3	269.1	54.88	24-100
$ 18 Nitrobenzene-d5	490.3	311.8	63.58	26-100
$ 36 2-Fluorobiphenyl	490.3	329.3	67.15	32-100
$ 55 2,4,6-Tribromophen	735.5	624.1	84.85	33-118
$ 66 Terphenyl-d14	490.3	276.7	56.43	21-97

Data File: /chem1/nt6.i/20090611a.b/pb06a.d
Date : 11-JUN-2009 22:02
Client ID: BW-01-SS-090602
Sample Info: PB06A
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem1/nt6.i/20090611a.b/pb06a.d

Date : 11-JUN-2009 22:02

Client ID: BW-01-SS-090602

Instrument: nt6.i

Sample Info: PB06A

Volume Injected (uL): 1.0

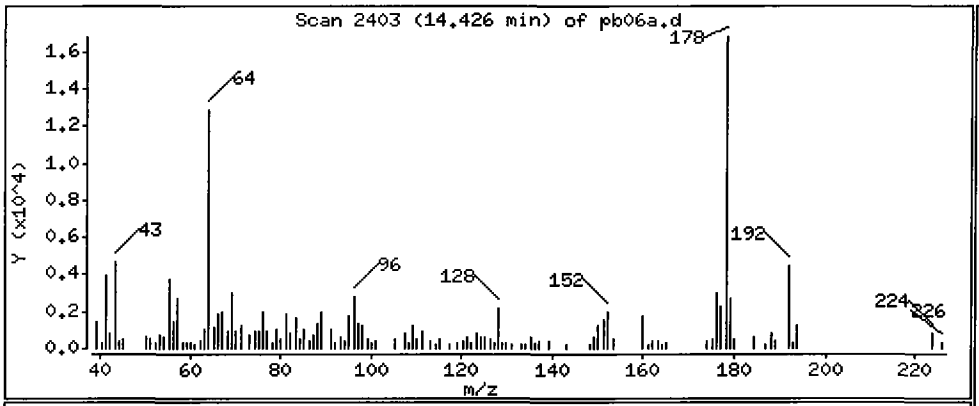
Operator: LJR/VTS

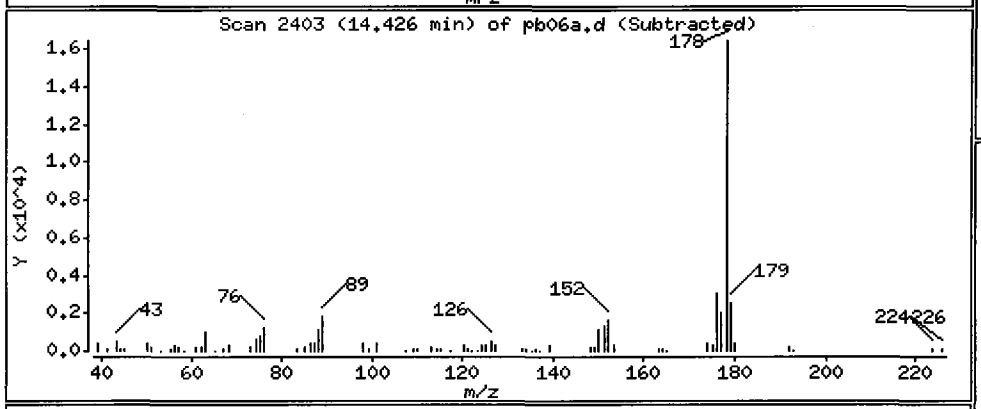
Column phase: ZB-5

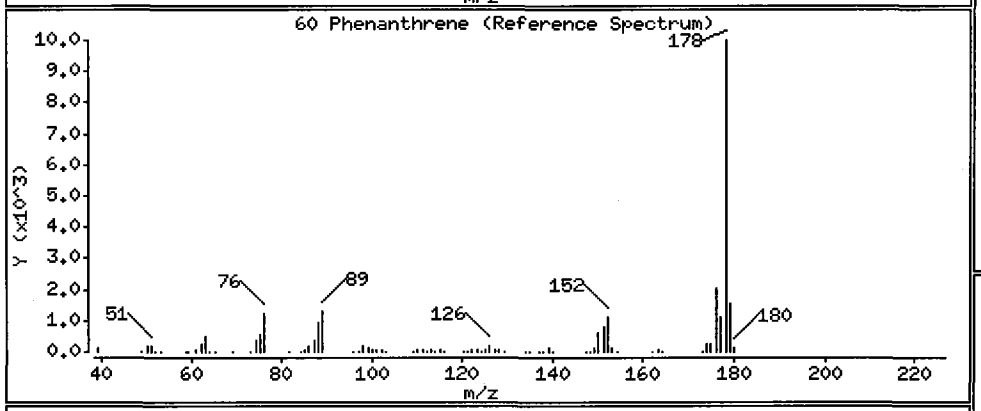
Column diameter: 0.32

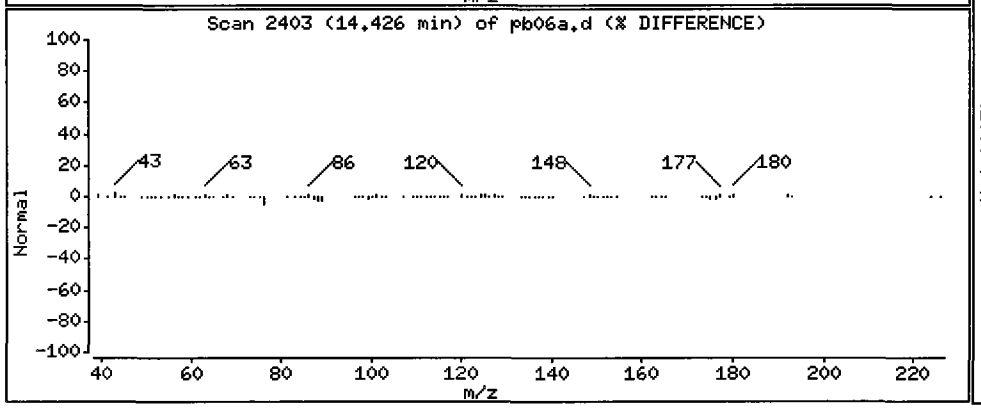
60 Phenanthrene

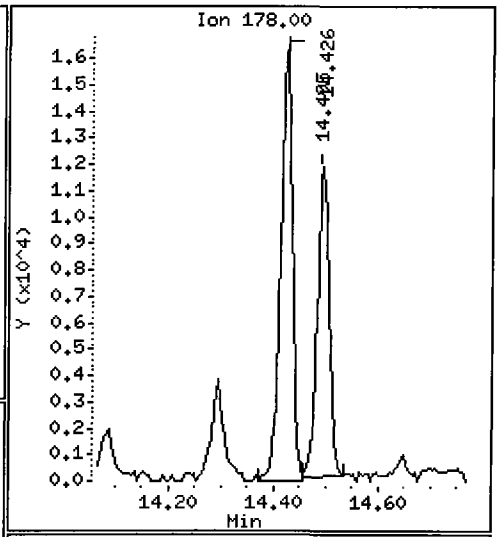
Concentration: 26.48 ug/kg

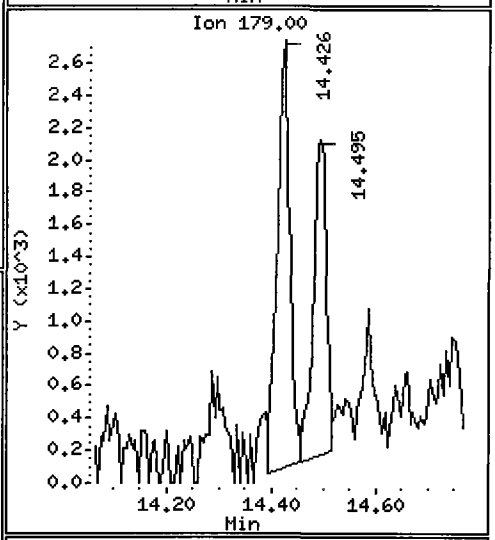


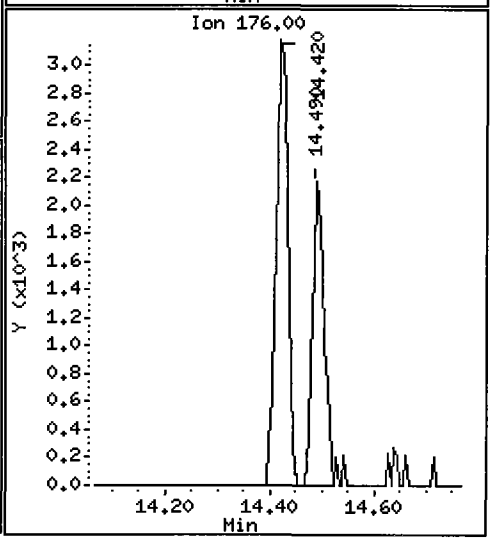












Data File: /chem1/nt6.i/20090611a.b/pb06a.d

Date : 11-JUN-2009 22:02

Client ID: BW-01-SS-090602

Instrument: nt6.i

Sample Info: PB06A

Volume Injected (uL): 1.0

Operator: LJR/VTS

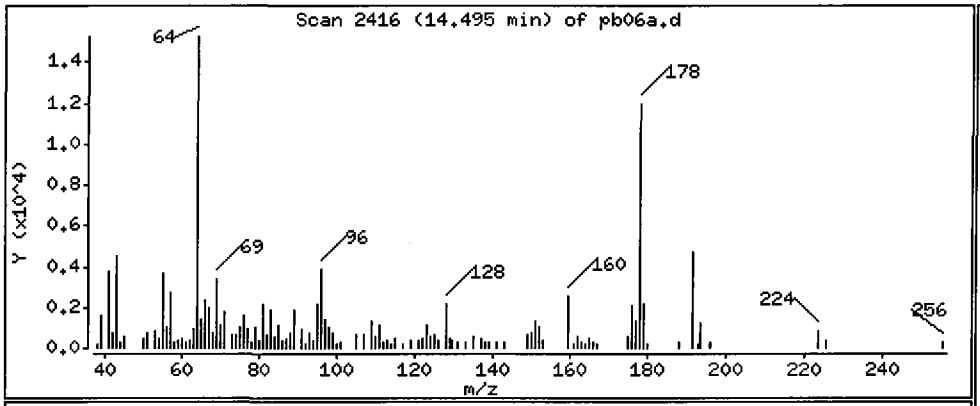
Column phase: ZB-5

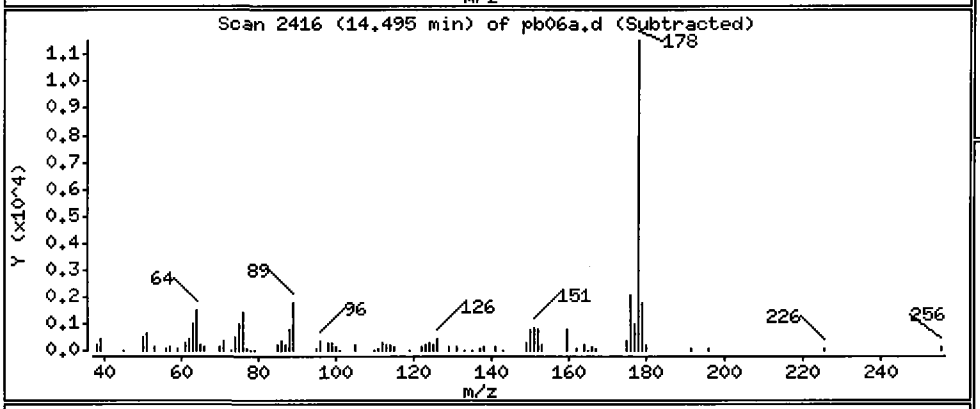
Column diameter: 0.32

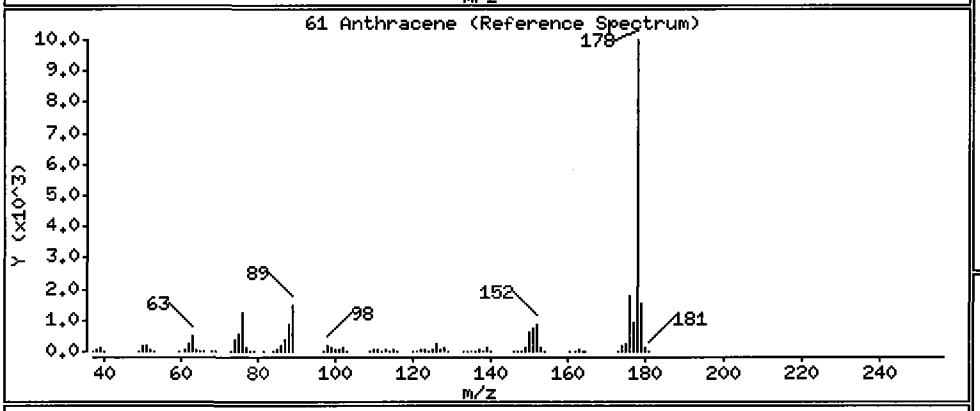
61 Anthracene

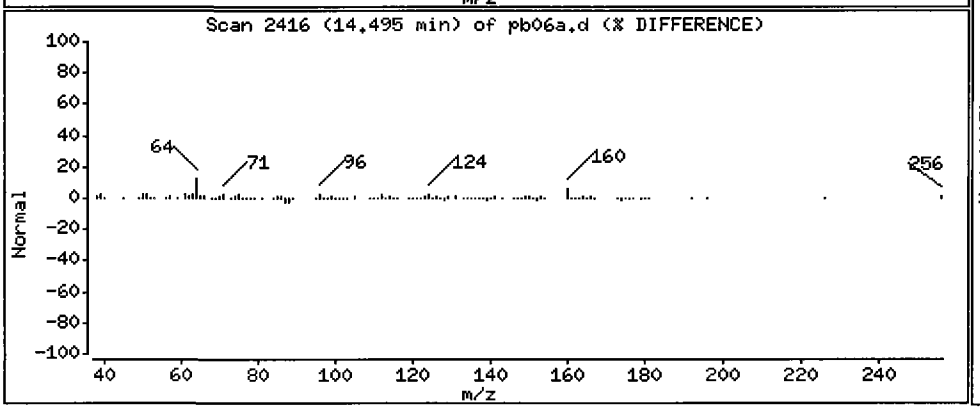
Concentration: 19.34 ug/kg

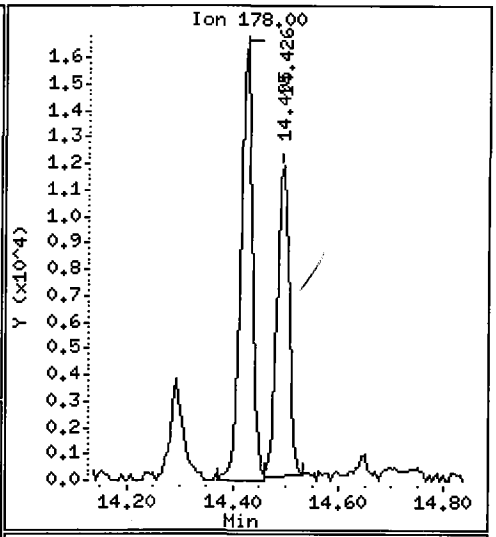
LJR

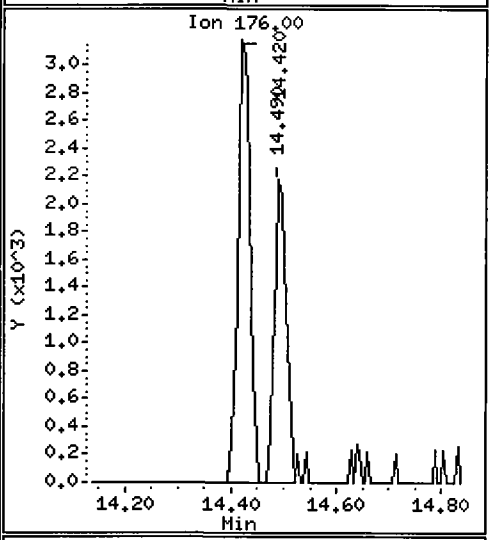


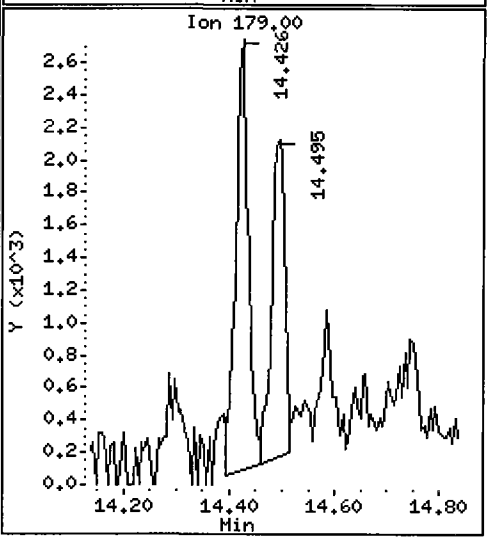












Data File: /chem1/nt6.i/20090611a.b/pb06a.d

Date : 11-JUN-2009 22:02

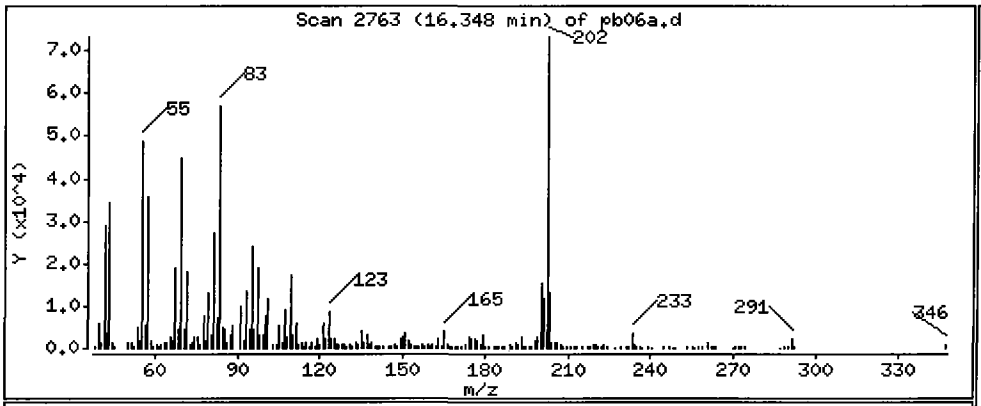
Client ID: BW-01-SS-090602 Instrument: nt6.i

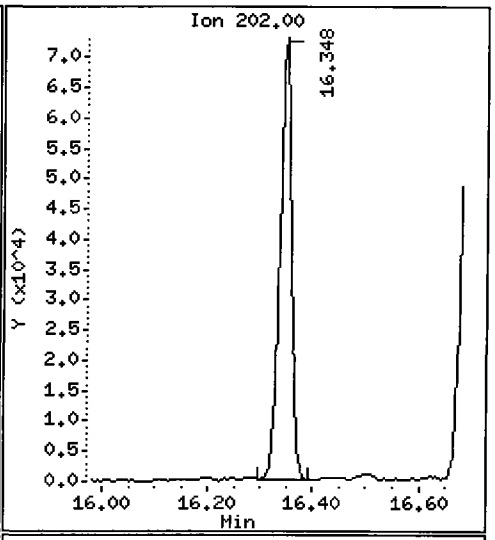
Sample Info: PB06A

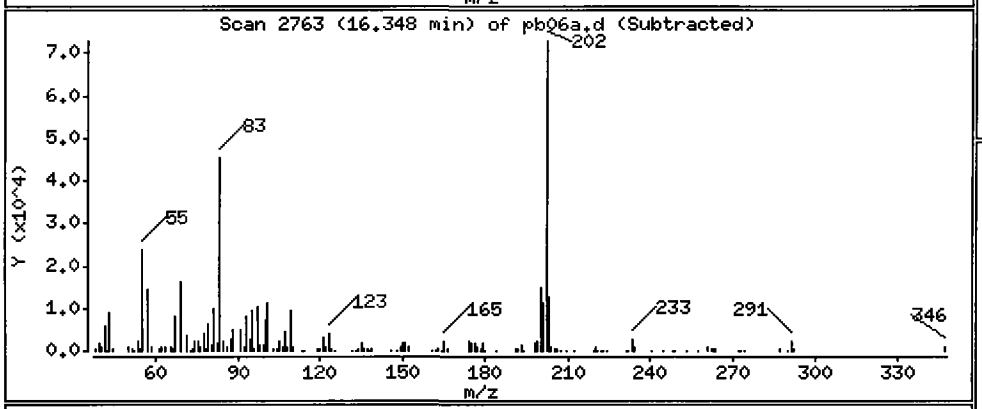
Volume Injected (uL): 1.0 Operator: LJR/VTS

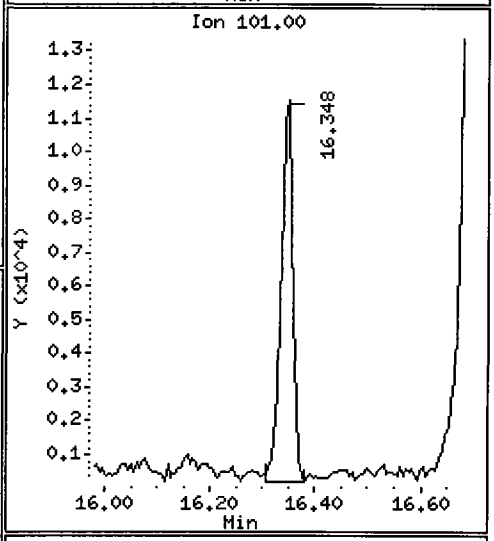
Column phase: ZB-5 Column diameter: 0.32

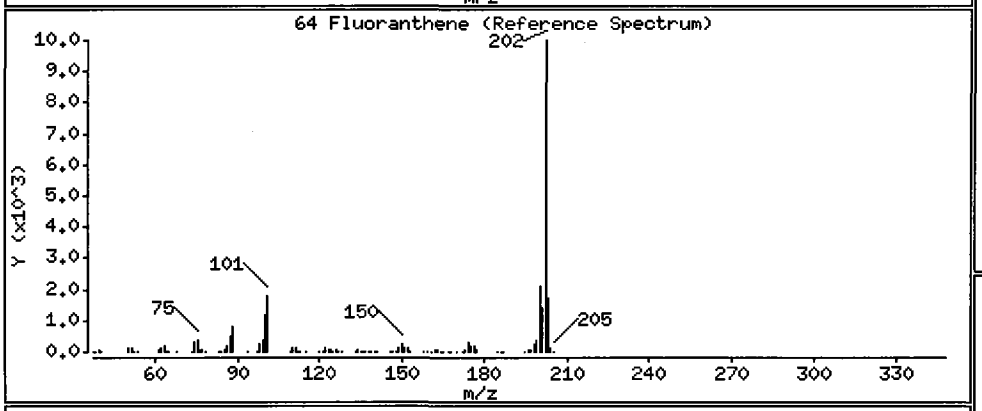
64 Fluoranthene Concentration: 116.8 ug/kg

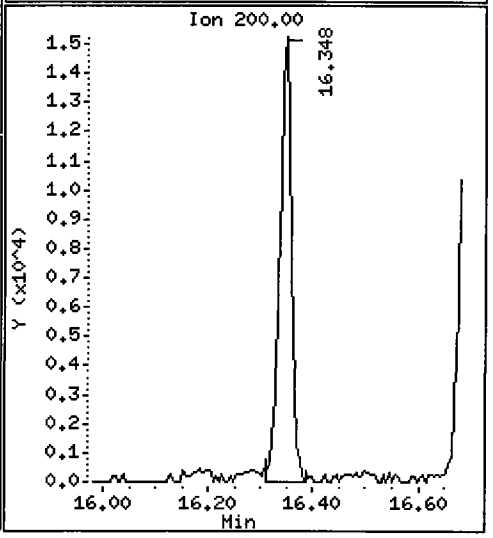


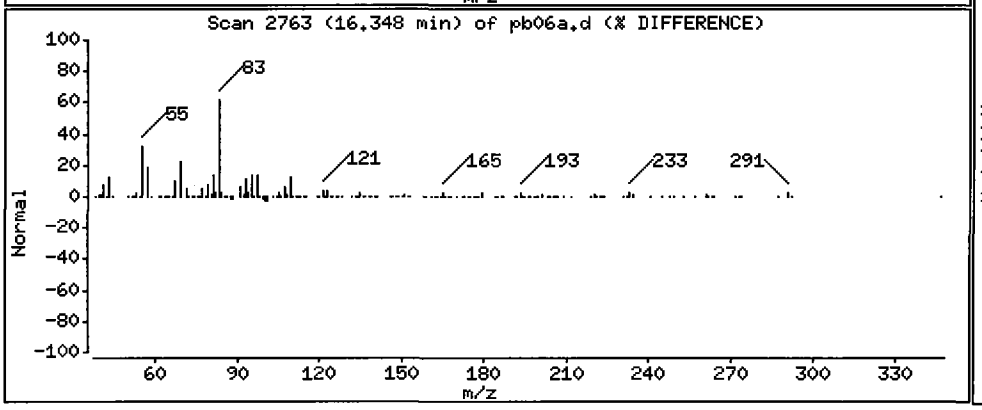












Data File: /chem1/nt6.i/20090611a.b/pb06a.d

Date : 11-JUN-2009 22:02

Client ID: BW-01-SS-090602

Instrument: nt6.i

Sample Info: PB06A

Volume Injected (uL): 1.0

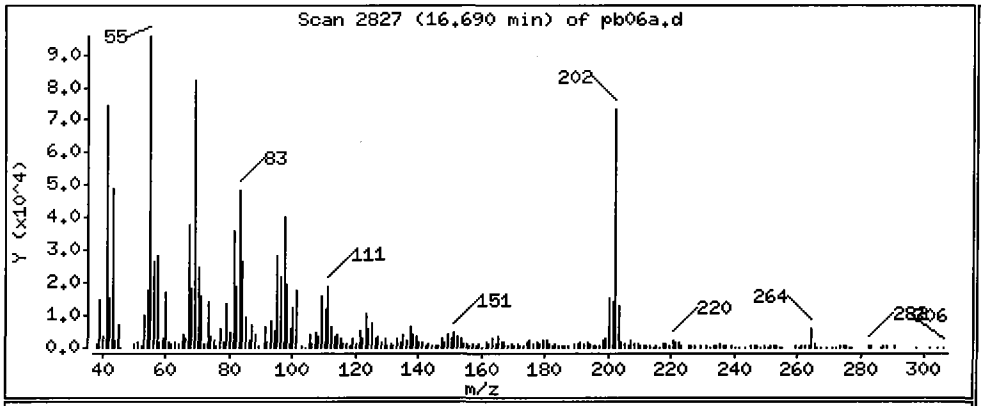
Operator: LJR/VTS

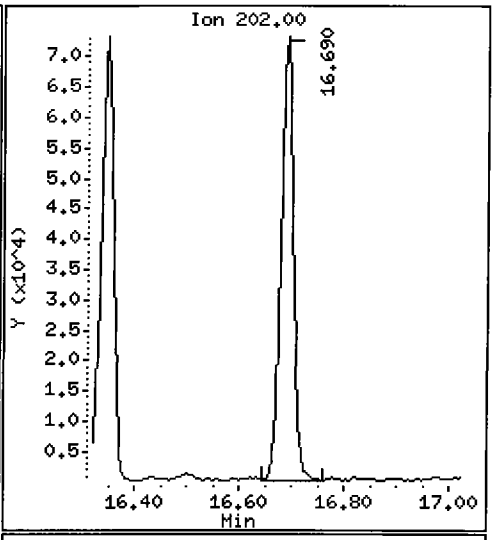
Column phase: ZB-5

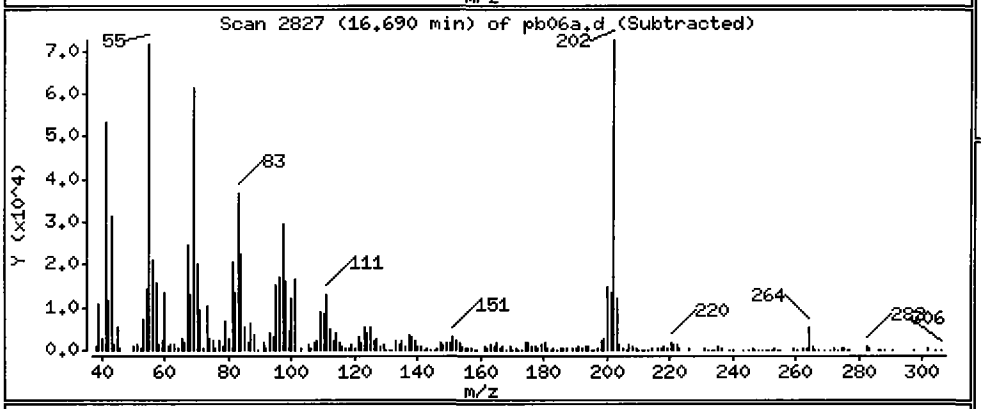
Column diameter: 0.32

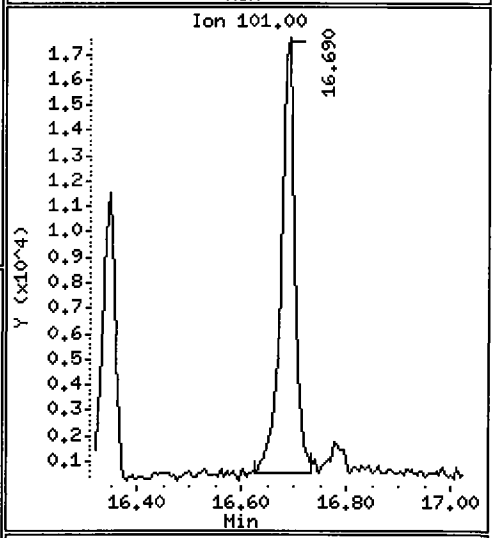
65 Pyrene

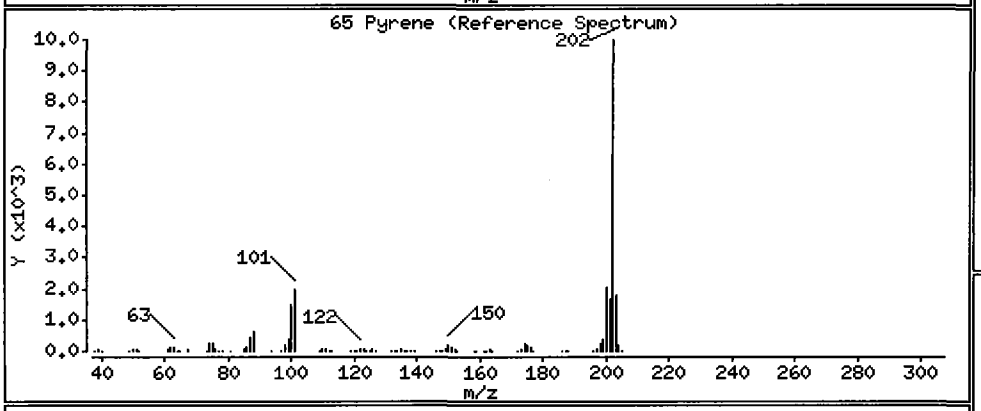
Concentration: 62.93 ug/kg

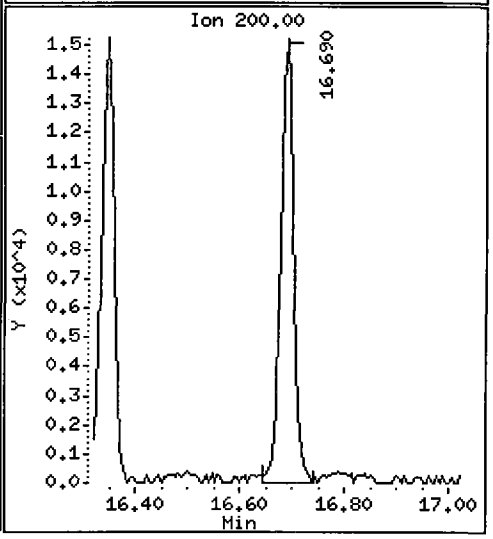


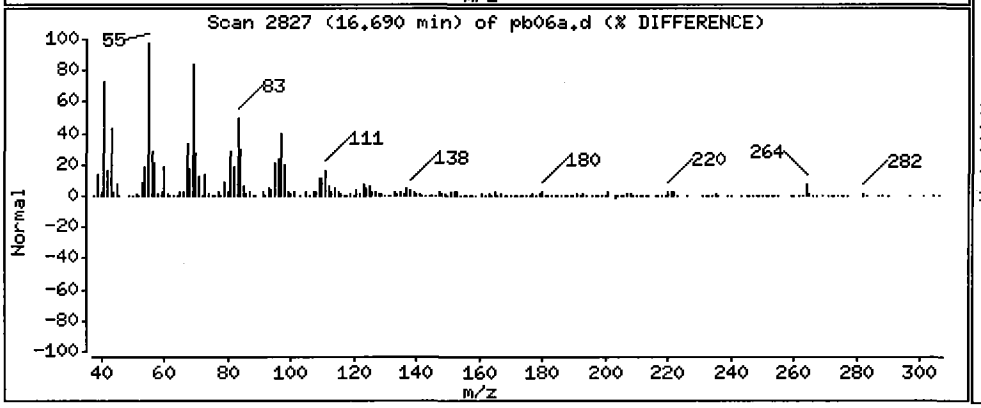












Data File: /chem1/nt6.i/20090611a.b/pb06a.d

Date : 11-JUN-2009 22:02

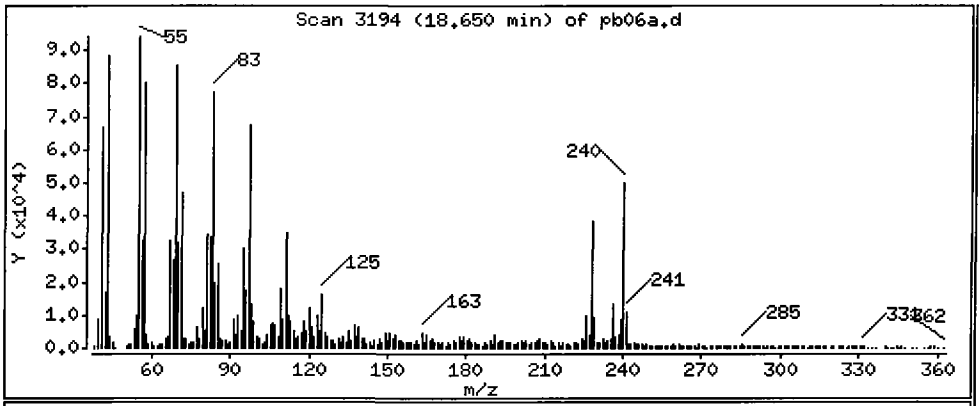
Client ID: BW-01-SS-090602 Instrument: nt6.i

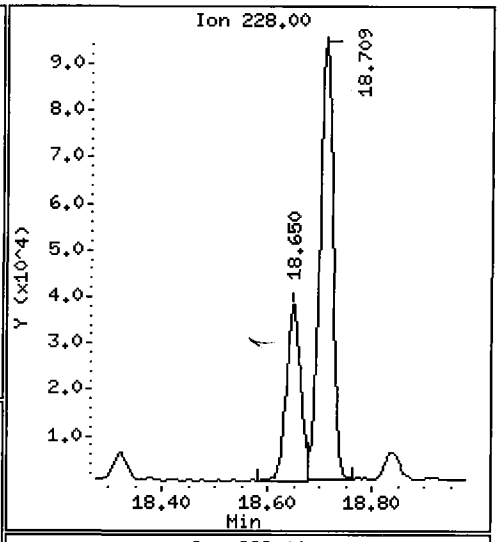
Sample Info: PB06A

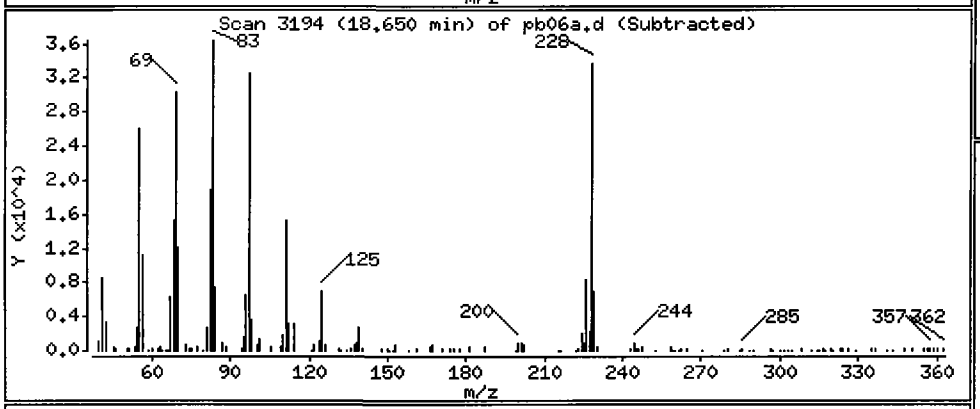
Volume Injected (uL): 1.0 Operator: LJR/VTS

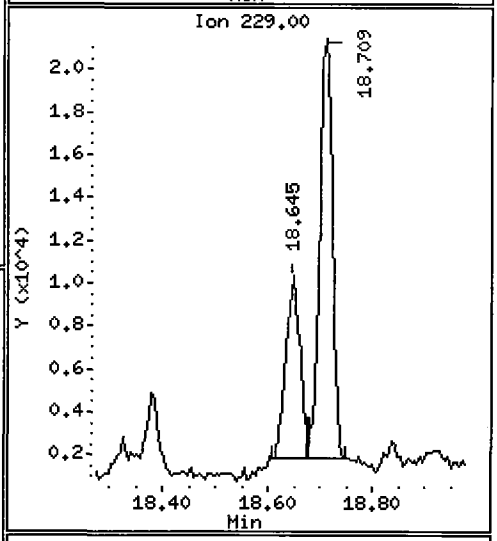
Column phase: ZB-5 Column diameter: 0.32

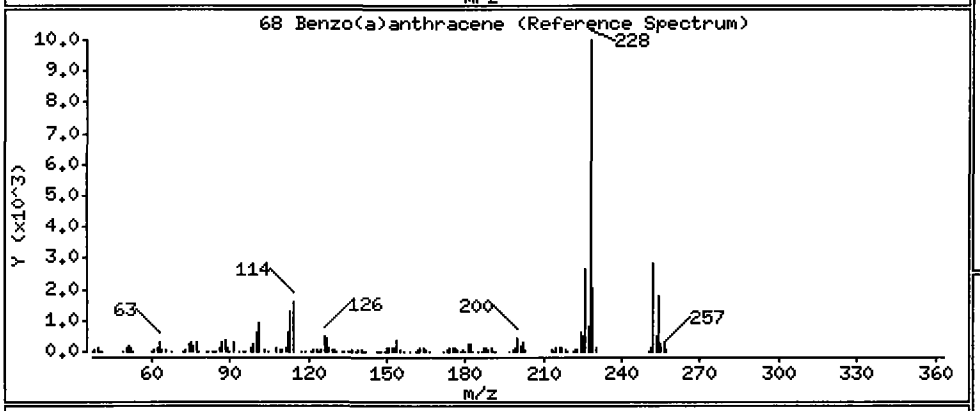
68 Benzo(a)anthracene Concentration: 43.60 ug/kg

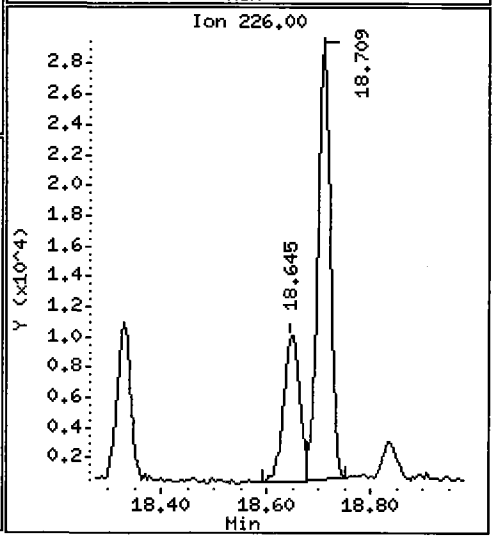


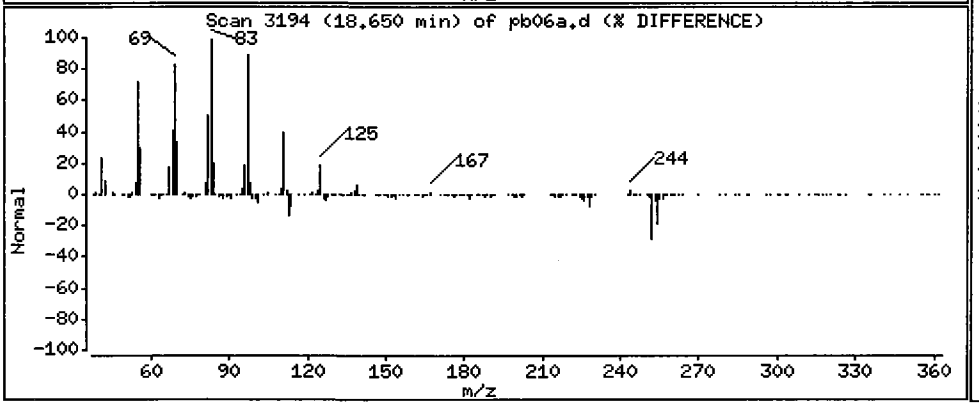












Data File: /chem1/nt6.i/20090611a.b/pb06a.d

Date : 11-JUN-2009 22:02

Client ID: BW-01-SS-090602

Instrument: nt6.i

Sample Info: PB06A

Volume Injected (uL): 1.0

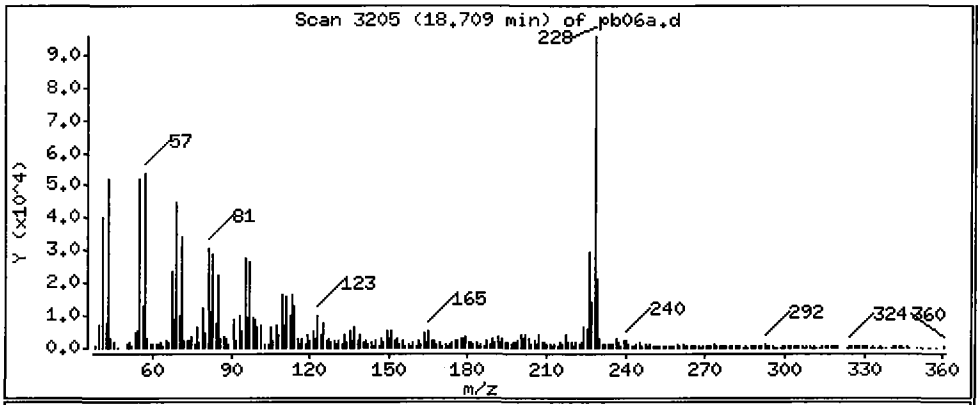
Operator: LJR/VTS

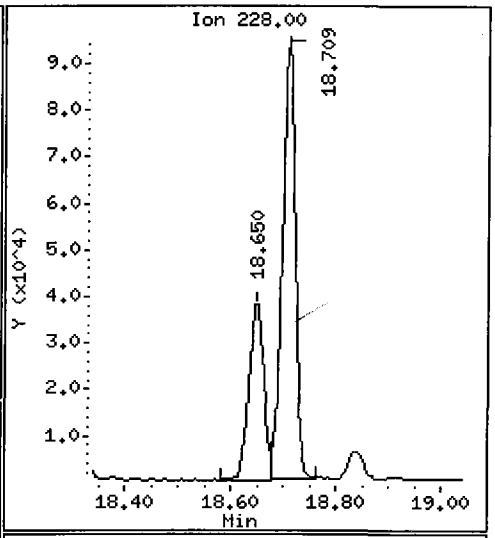
Column phase: ZB-5

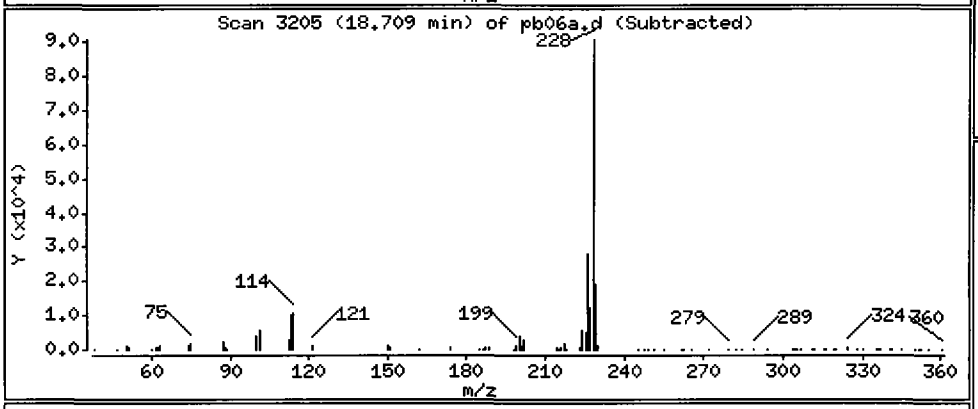
Column diameter: 0.32

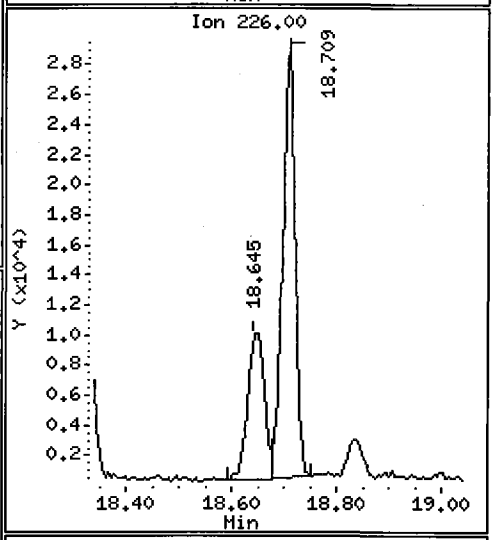
71 Chrysene

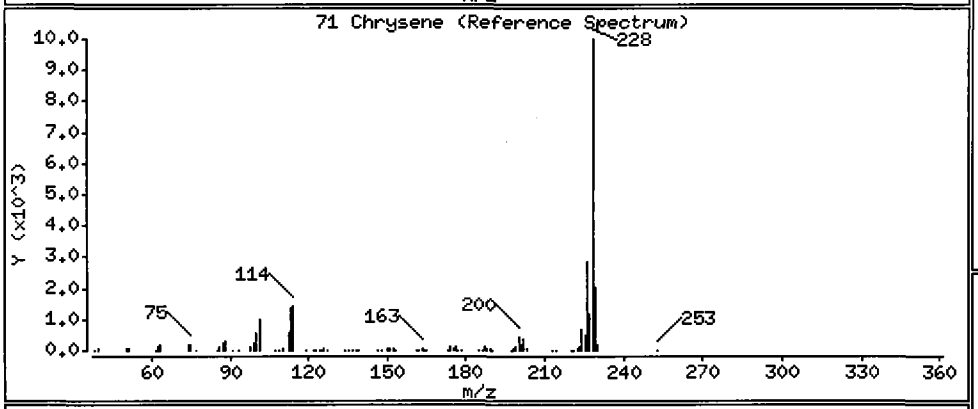
Concentration: 102.0 ug/kg

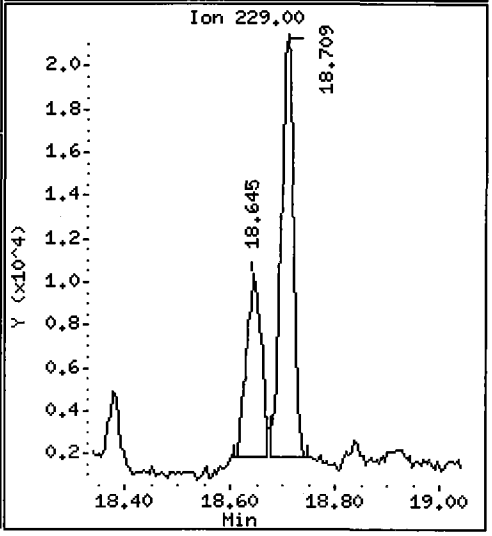


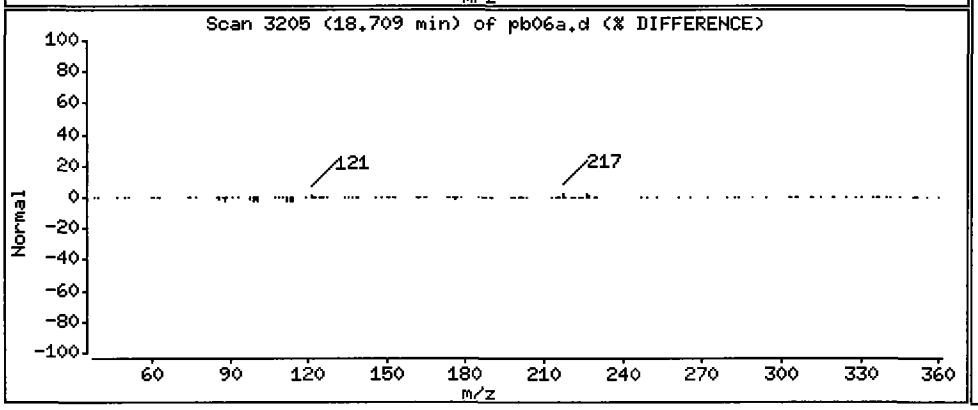












Data File: /chem1/nt6.i/20090611a.b/pb06a.d

Date : 11-JUN-2009 22:02

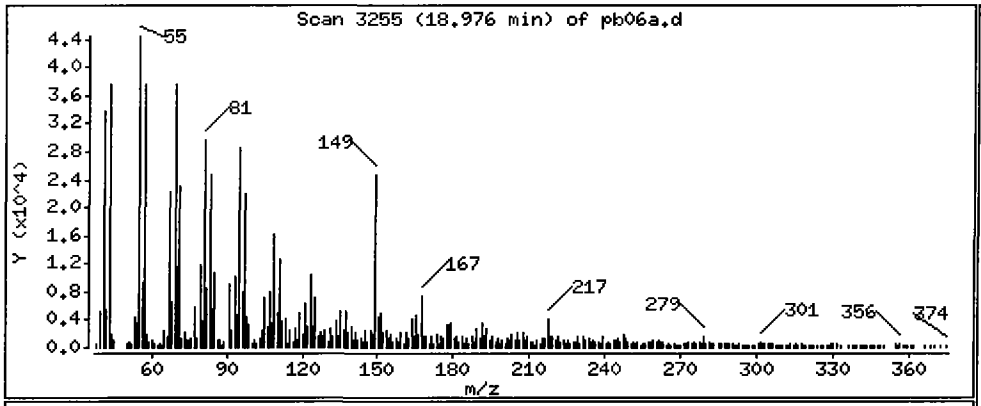
Client ID: BW-01-SS-090602 Instrument: nt6.i

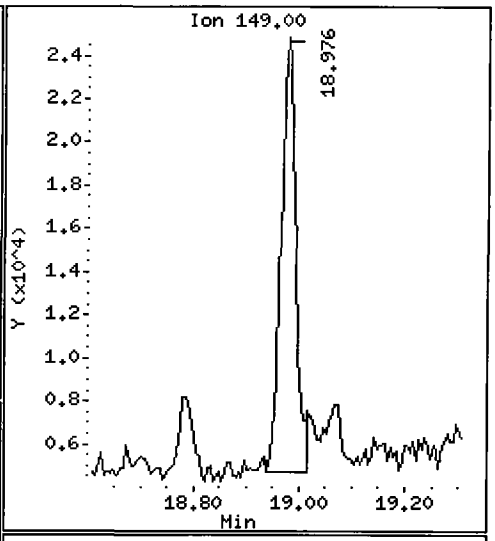
Sample Info: PB06A

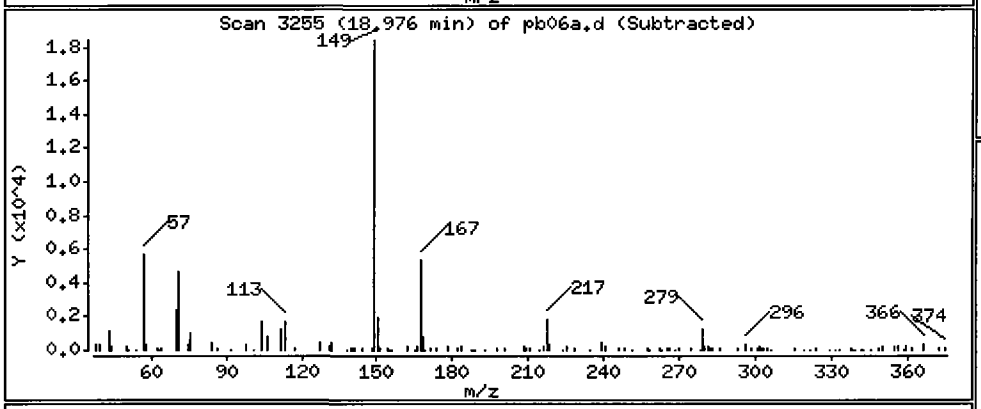
Volume Injected (uL): 1.0 Operator: LJR/VTS

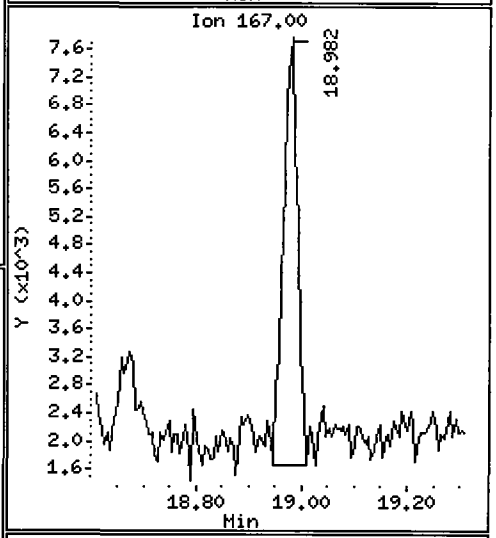
Column phase: ZB-5 Column diameter: 0.32

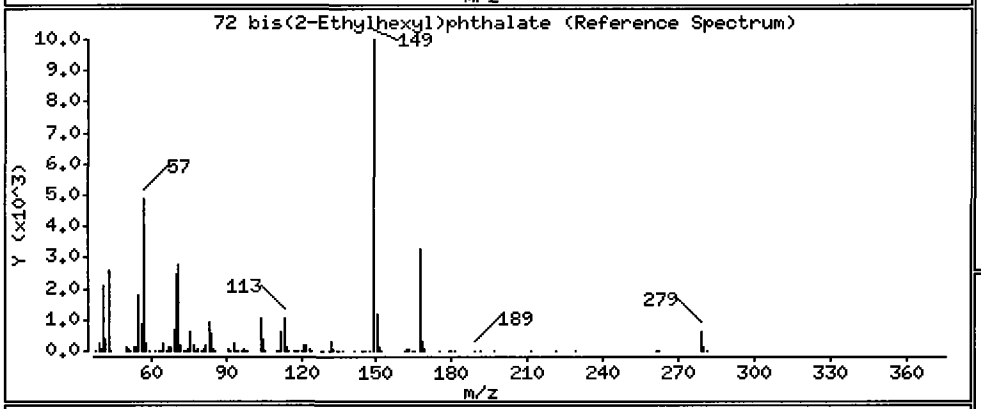
72 bis(2-Ethylhexyl)phthalate Concentration: 38.57 ug/kg

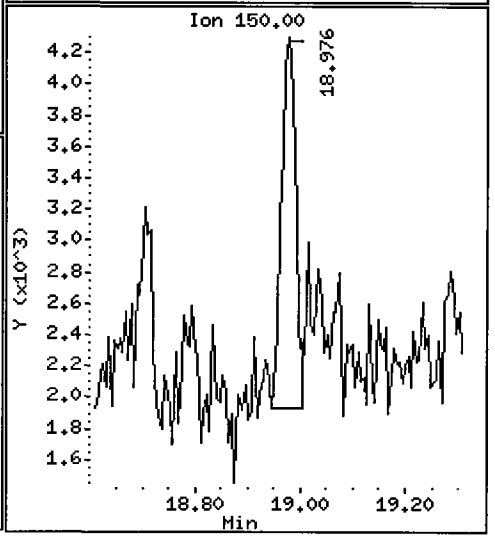


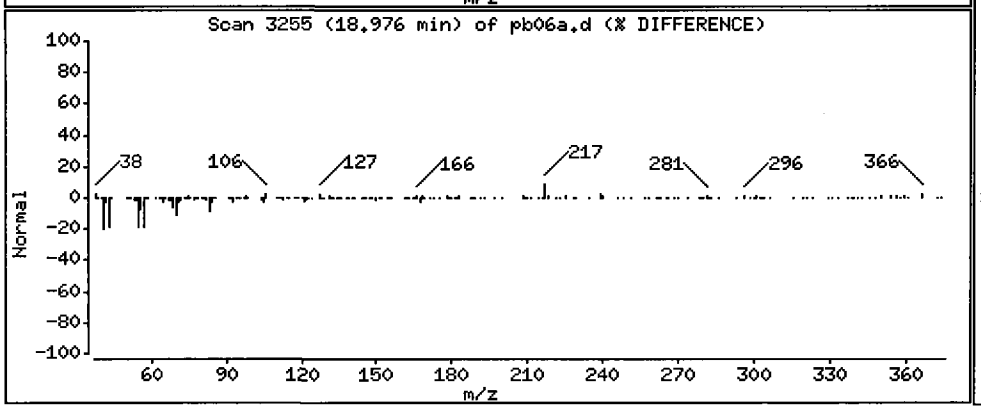












Data File: /chem1/nt6.i/20090611a.b/pb06a.d

Date : 11-JUN-2009 22:02

Client ID: BW-01-SS-090602 Instrument: nt6.i

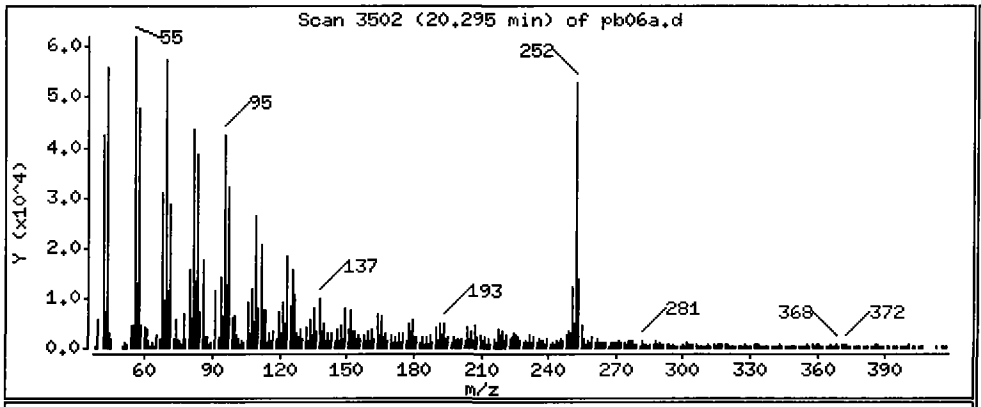
Sample Info: PB06A

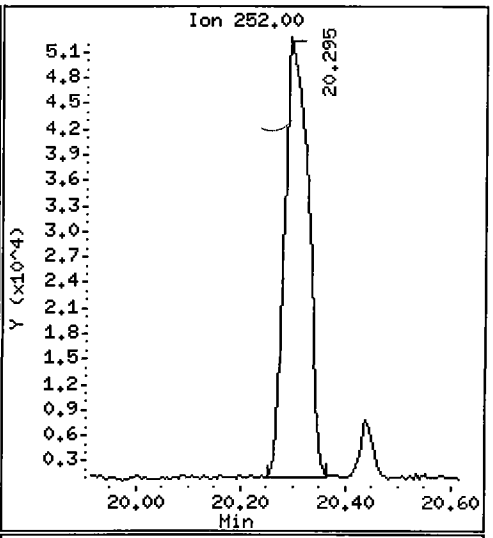
Volume Injected (uL): 1.0 Operator: LJR/VTS

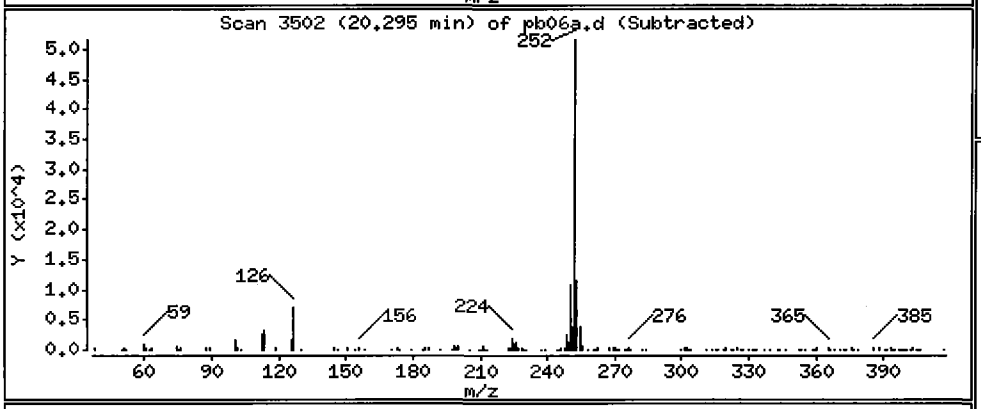
Column phase: ZB-5 Column diameter: 0.32

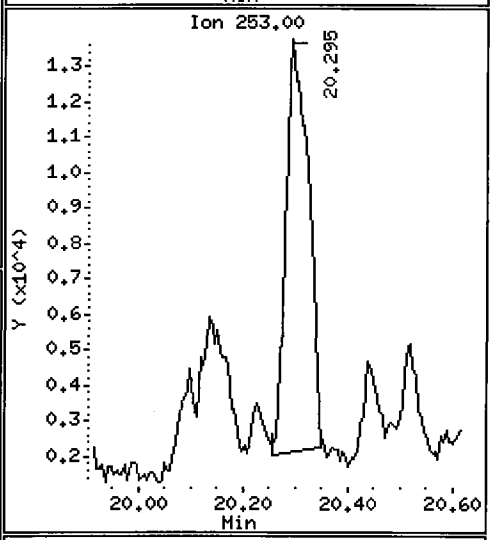
74 Benzo(b)fluoranthene Concentration: 88.96 ug/kg

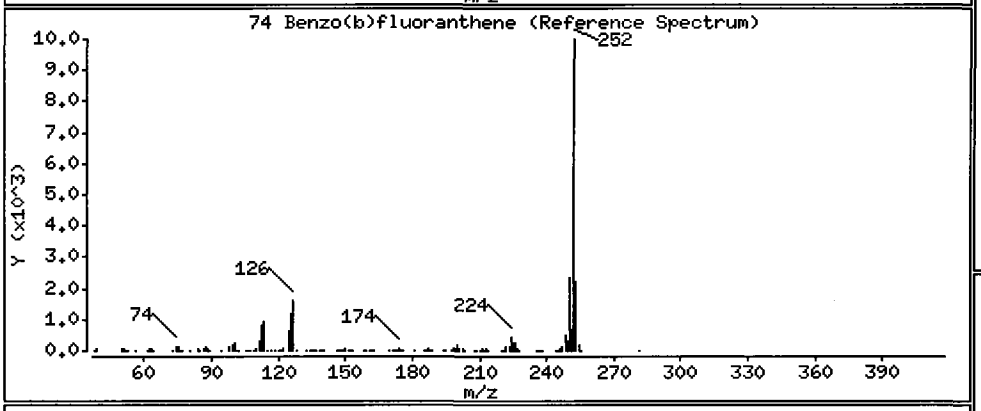
1/2

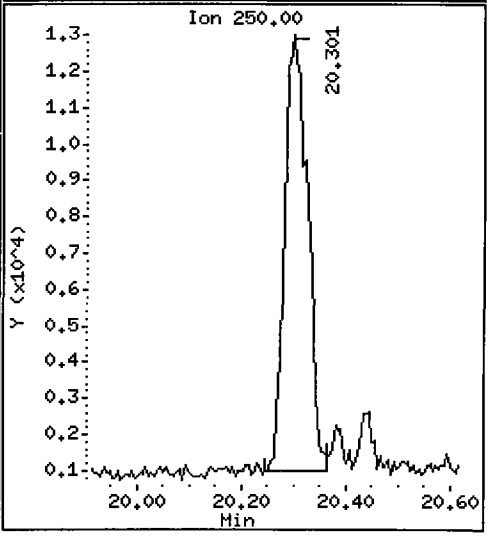


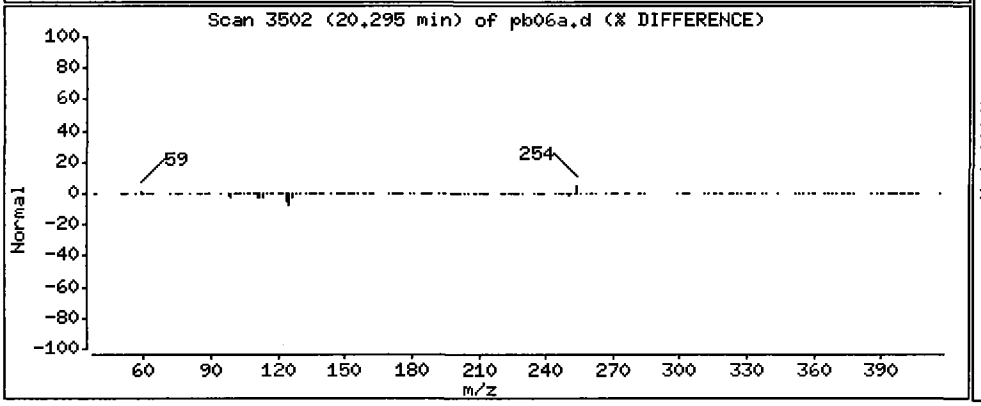












Data File: /chem1/nt6.i/20090611a.b/pb06a.d

Date : 11-JUN-2009 22:02

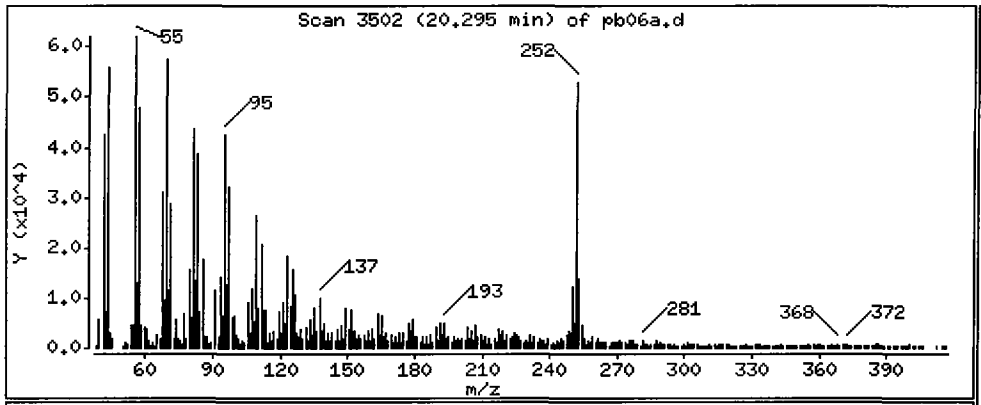
Client ID: BW-01-SS-090602 Instrument: nt6.i

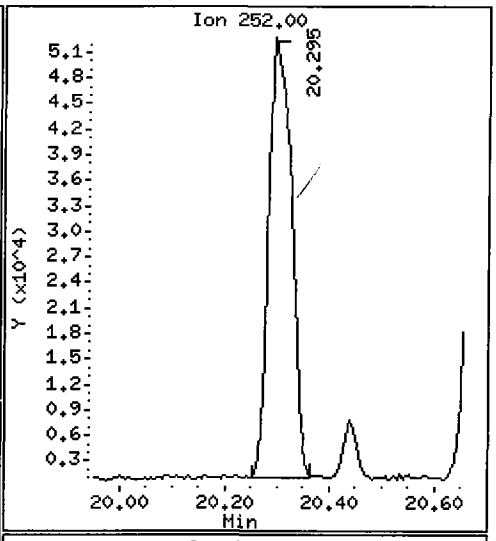
Sample Info: PB06A

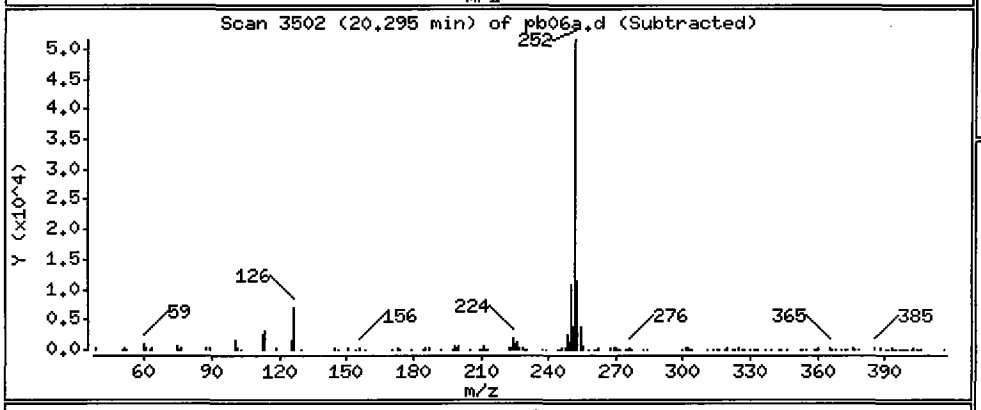
Volume Injected (uL): 1.0 Operator: LJR/VTS

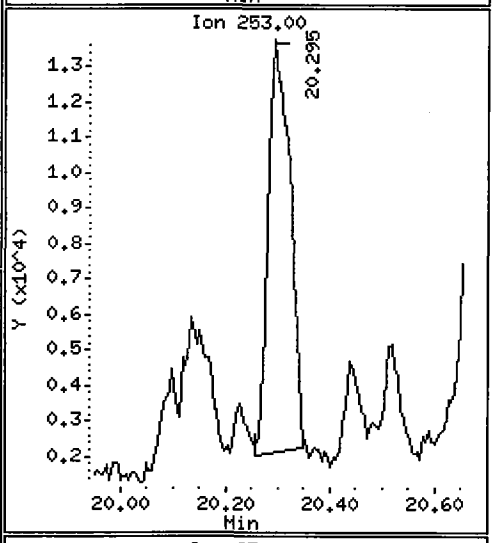
Column phase: ZB-5 Column diameter: 0.32

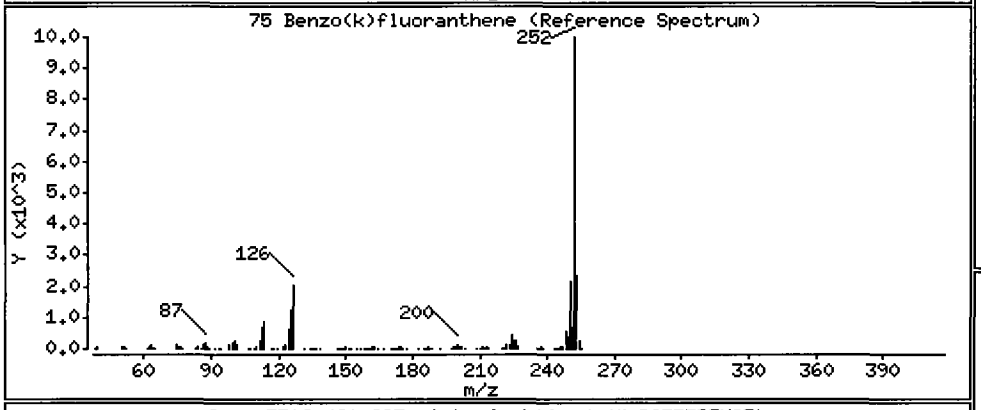
75 Benzo(k)fluoranthene Concentration: 86.61 ug/kg

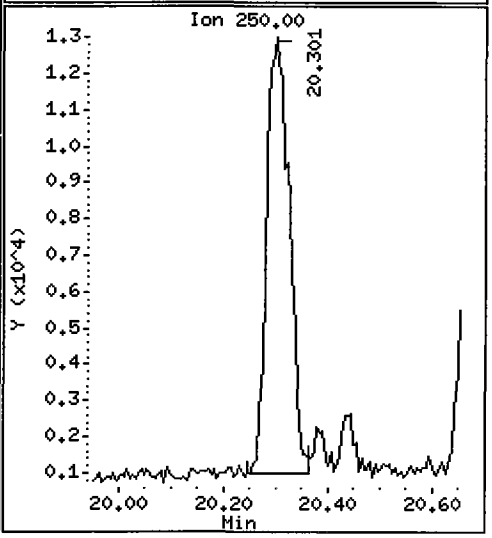


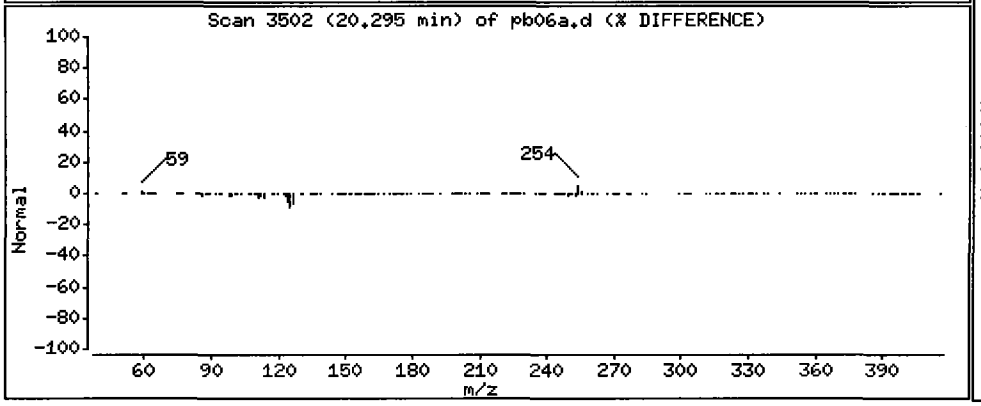












Data File: /chem1/nt6.i/20090611a.b/pb06a.d

Date : 11-JUN-2009 22:02

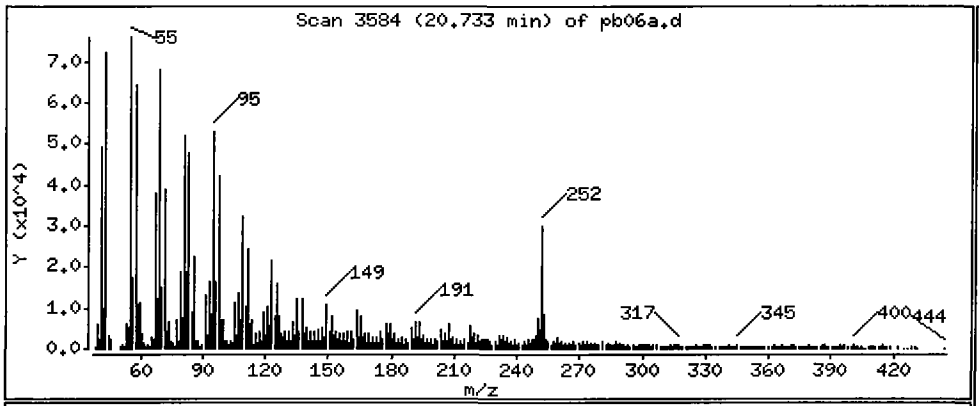
Client ID: BW-01-SS-090602 Instrument: nt6.i

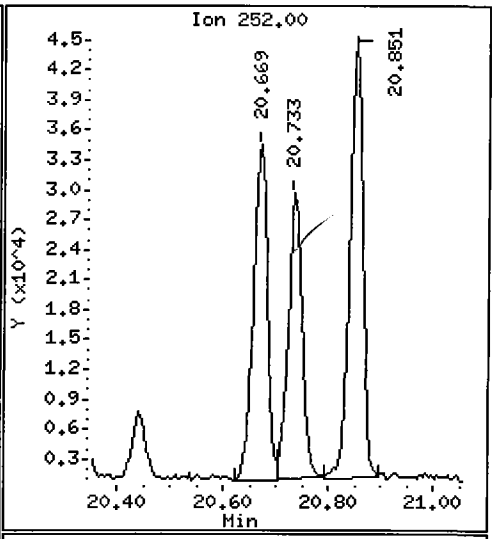
Sample Info: PB06A

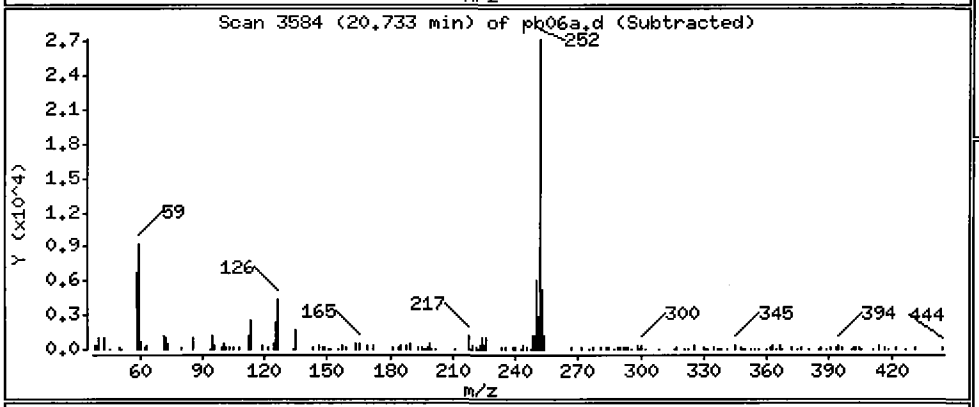
Volume Injected (uL): 1.0 Operator: LJR/VTS

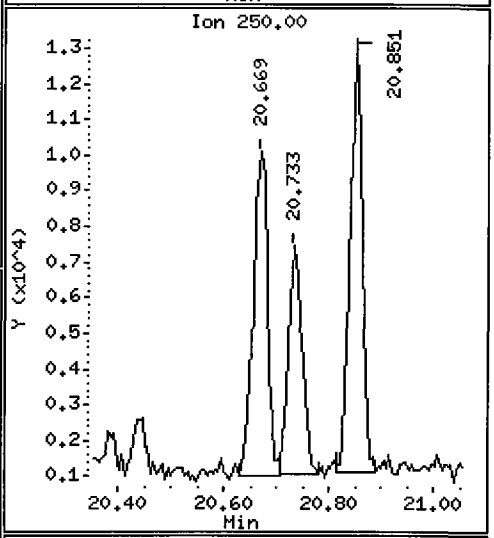
Column phase: ZB-5 Column diameter: 0.32

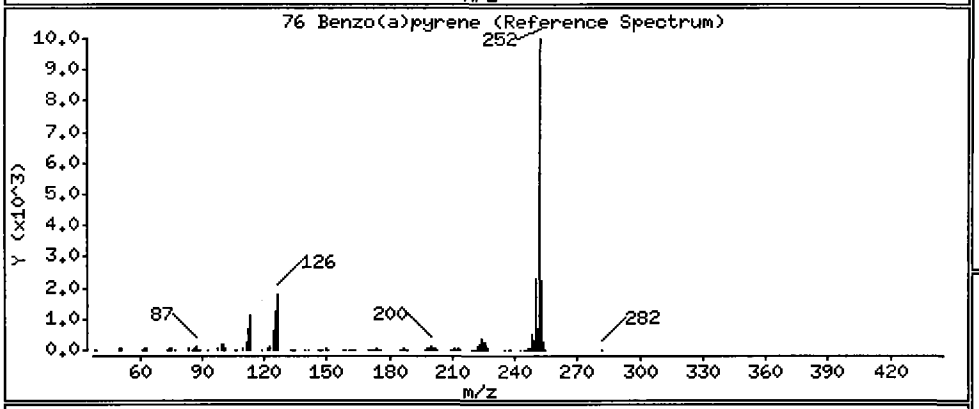
76 Benzo(a)pyrene Concentration: 33.29 ug/kg

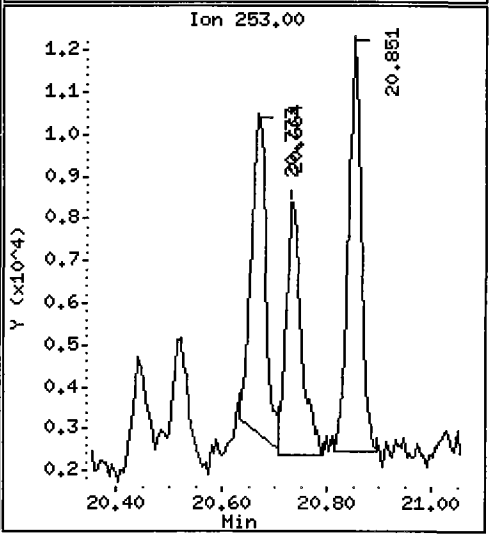


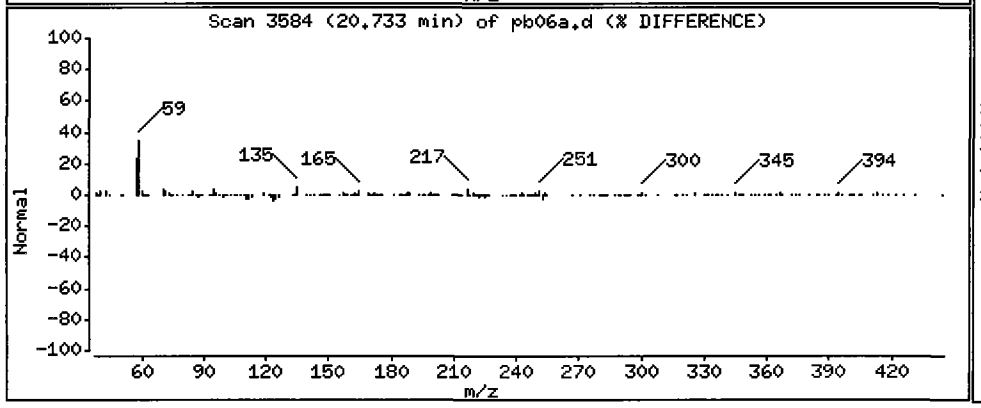












Data File: /chem1/nt6.i/20090611a.b/pb06a.d

Date : 11-JUN-2009 22:02

Client ID: BW-01-SS-090602

Instrument: nt6.i

Sample Info: PB06A

Volume Injected (uL): 1.0

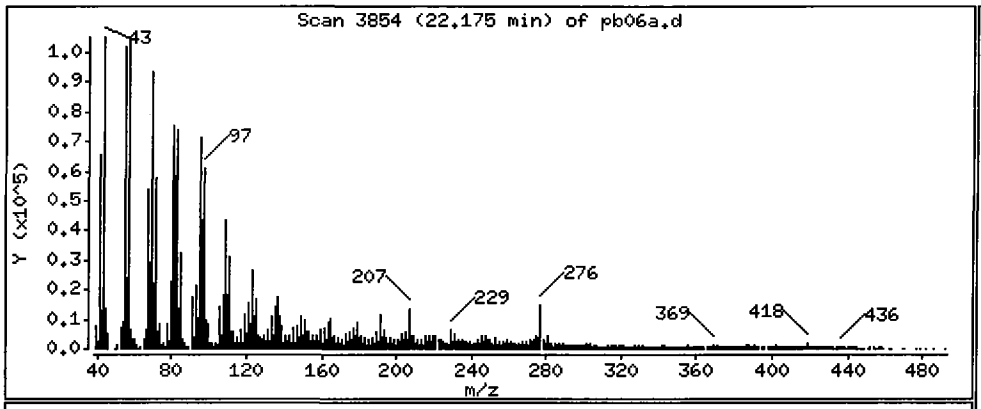
Operator: LJR/VTS

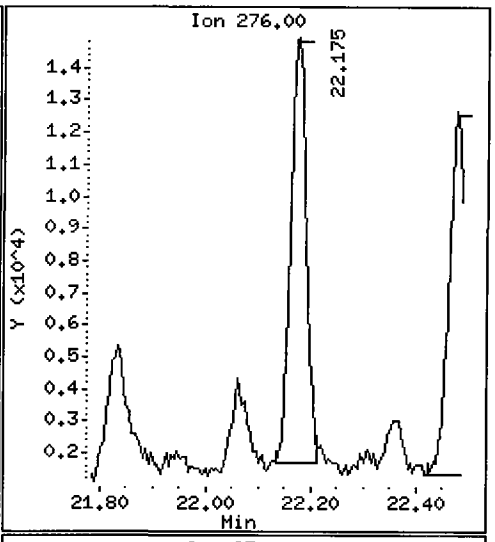
Column phase: ZB-5

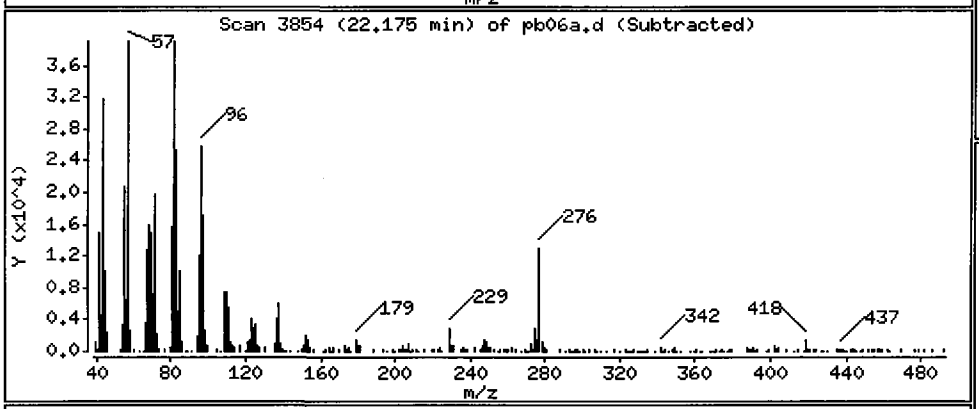
Column diameter: 0.32

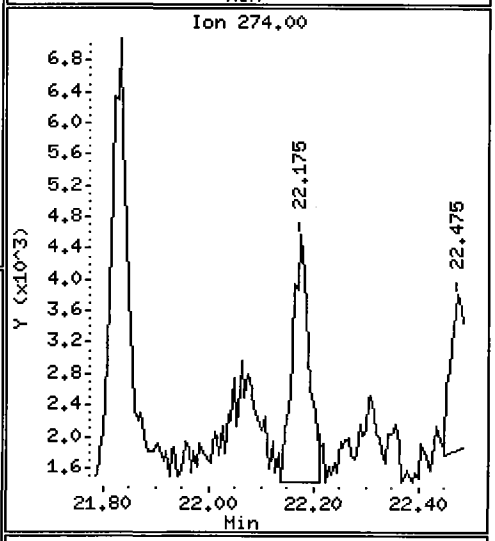
78 Indeno(1,2,3-cd)pyrene

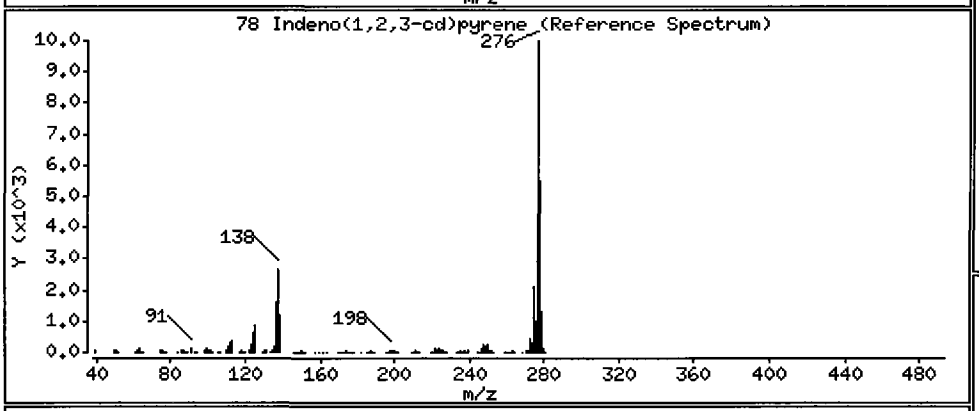
Concentration: 12.58 ug/kg

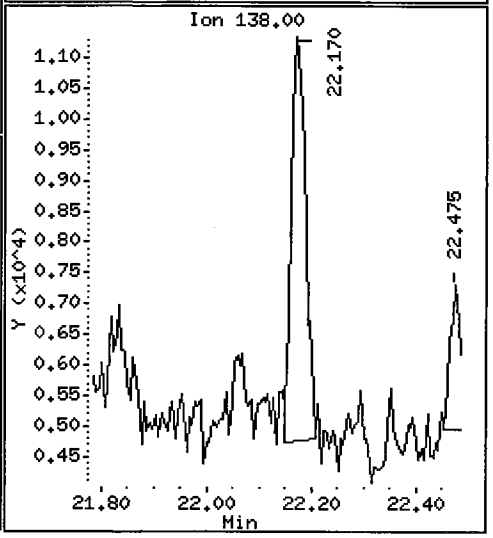


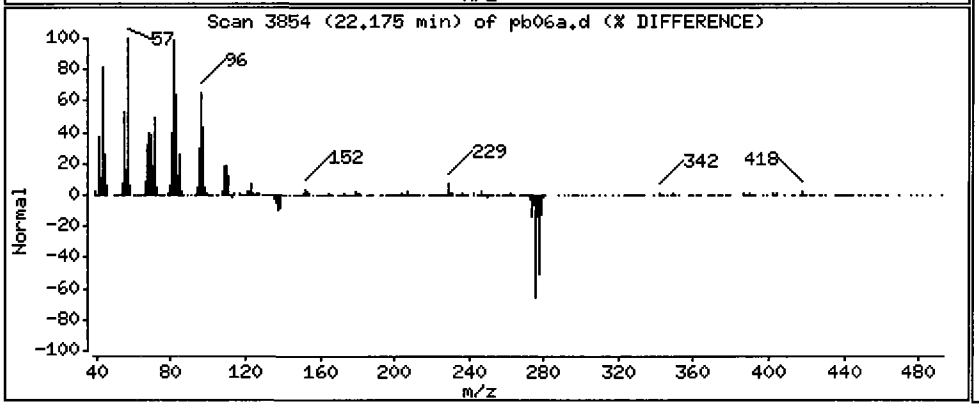












Data File: /chem1/nt6.i/20090611a.b/pb06a.d

Date : 11-JUN-2009 22:02

Client ID: BW-01-SS-090602

Instrument: nt6.i

Sample Info: PB06A

Volume Injected (uL): 1.0

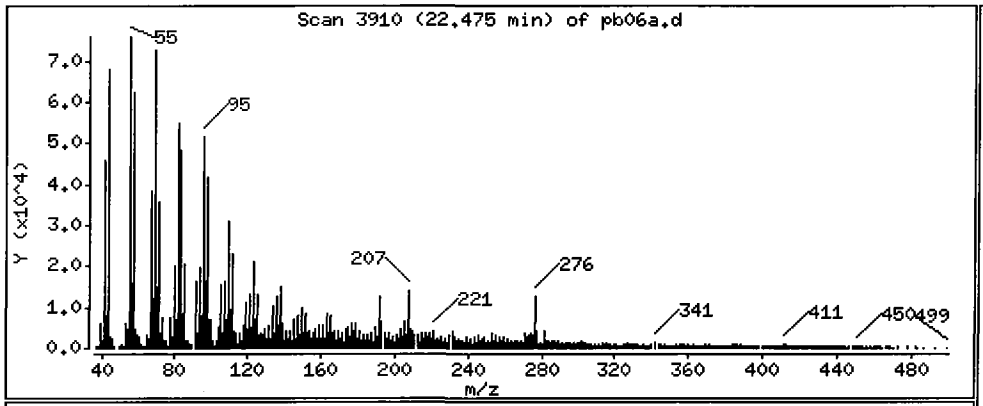
Operator: LJR/VTS

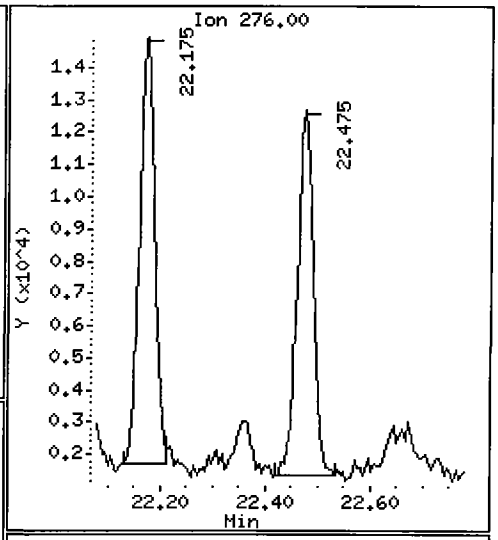
Column phase: ZB-5

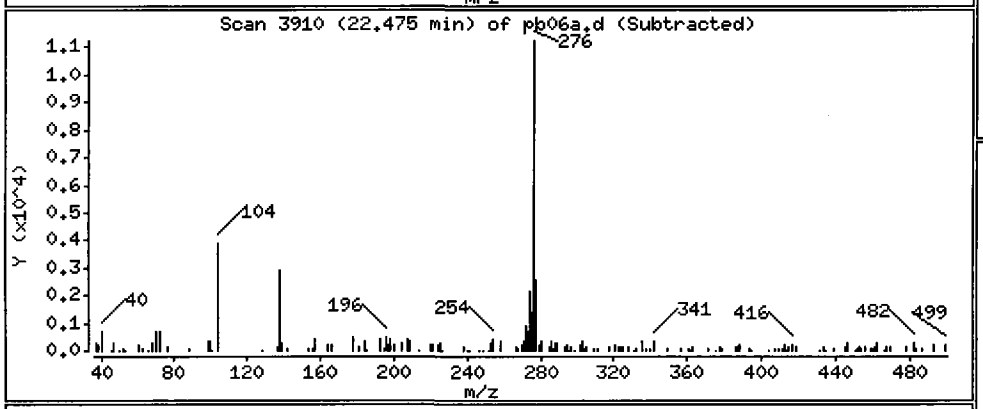
Column diameter: 0.32

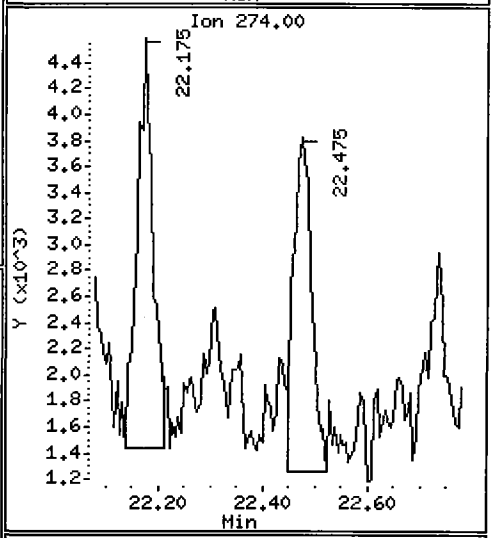
80 Benzo(g,h,i)perylene

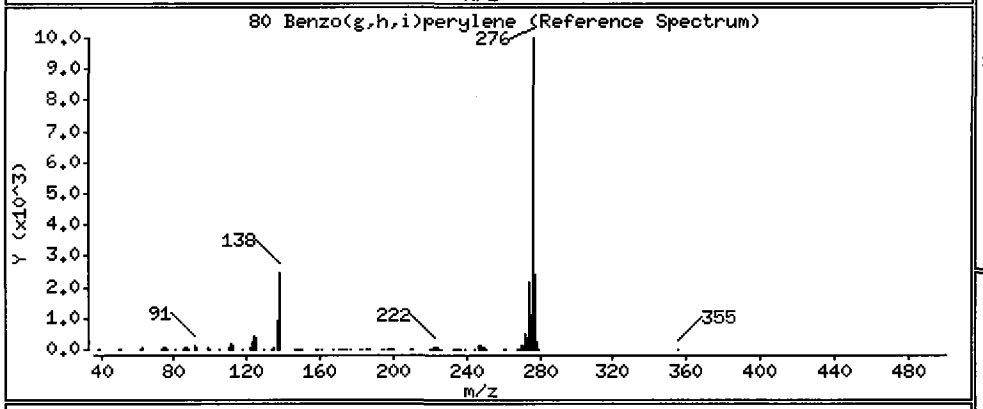
Concentration: 12.51 ug/kg

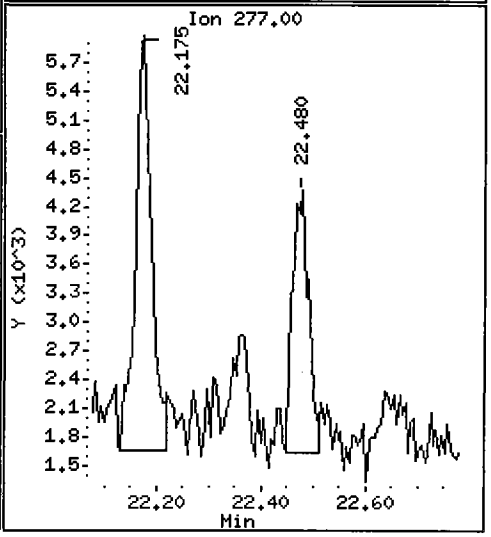


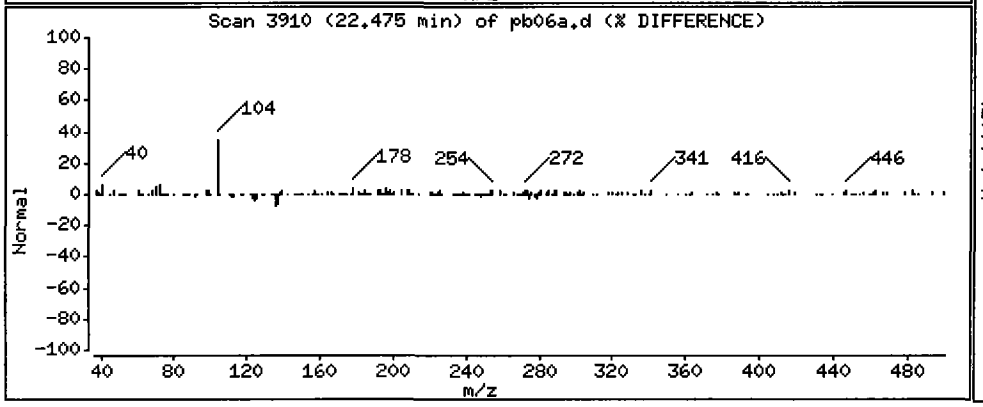












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: BW-01-SS-090602
DILUTION

Lab Sample ID: PB06A
LIMS ID: 09-12542
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/16/09 00:27
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 5.00
Percent Moisture: 54.8%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	98	< 98 U
541-73-1	1,3-Dichlorobenzene	98	< 98 U
106-46-7	1,4-Dichlorobenzene	98	< 98 U
100-51-6	Benzyl Alcohol	98	< 98 U
95-50-1	1,2-Dichlorobenzene	98	< 98 U
95-48-7	2-Methylphenol	98	< 98 U
106-44-5	4-Methylphenol	98	< 98 U
105-67-9	2,4-Dimethylphenol	98	< 98 U
65-85-0	Benzoic Acid	980	< 980 U
120-82-1	1,2,4-Trichlorobenzene	98	< 98 U
91-20-3	Naphthalene	98	< 98 U
87-68-3	Hexachlorobutadiene	98	< 98 U
91-57-6	2-Methylnaphthalene	98	< 98 U
131-11-3	Dimethylphthalate	98	< 98 U
208-96-8	Acenaphthylene	98	< 98 U
83-32-9	Acenaphthene	98	< 98 U
132-64-9	Dibenzofuran	98	< 98 U
84-66-2	Diethylphthalate	98	< 98 U
86-73-7	Fluorene	98	< 98 U
86-30-6	N-Nitrosodiphenylamine	98	< 98 U
118-74-1	Hexachlorobenzene	98	< 98 U
87-86-5	Pentachlorophenol	490	< 490 U
85-01-8	Phenanthrene	98	< 98 U
120-12-7	Anthracene	98	< 98 U
84-74-2	Di-n-Butylphthalate	98	< 98 U
206-44-0	**Fluoranthene**	**98**	**100**
129-00-0	**Pyrene**	**98**	**71 J**
85-68-7	Butylbenzylphthalate	98	< 98 U
56-55-3	Benzo(a)anthracene	98	< 98 U
117-81-7	bis(2-Ethylhexyl)phthalate	98	< 98 U
218-01-9	**Chrysene**	**98**	**110**
117-84-0	Di-n-Octyl phthalate	98	< 98 U
205-99-2	**Benzo(b)fluoranthene**	**98**	**50 J**
207-08-9	Benzo(k)fluoranthene	98	< 98 U
50-32-8	Benzo(a)pyrene	98	< 98 U
193-39-5	Indeno(1,2,3-cd)pyrene	98	< 98 U
53-70-3	Dibenz(a,h)anthracene	98	< 98 U
191-24-2	Benzo(g,h,i)perylene	98	< 98 U
90-12-0	1-Methylnaphthalene	98	< 98 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.6%	2-Fluorobiphenyl	68.8%
d14-p-Terphenyl	56.4%	d4-1,2-Dichlorobenzene	56.0%
d5-Phenol	62.9%	2-Fluorophenol	63.9%
2,4,6-Tribromophenol	69.7%	d4-2-Chlorophenol	60.8%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/pb06adl.d
Lab Smp Id: PB06A Client Smp ID: BW-01-SS-090602
Inj Date : 16-JUN-2009 00:27
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB06A,5
Misc Info : 09-12542
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:41 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 19
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/16/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	56.40000	Weight of sample extracted (g)
M	54.80000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.796	4.782	(0.700)	37410	4.78972	469.7
$	2 Phenol-d5	99	6.548	6.534	(0.956)	49512	4.72061	462.9
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.558	6.555	(0.957)	29133	4.55823	447.0
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	6.852	6.849	(1.000)	94737	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.151	7.148	(1.044)	13197	2.79749	274.3
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	7.808	7.810	(0.876)	30489	3.03207	297.3
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	8.914	8.916	(1.000)	327417	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	10.730	10.732	(0.913)	45064	3.44193	337.5
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	11.750	11.747	(1.000)	176266	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.032	13.034	(1.109)	8787	5.22822	512.7
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.084	14.081	(1.000)	258962	20.0000	
	60 Phenanthrene	178	Compound Not Detected.					
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.023	16.025	(1.138)	17877	1.06530	104.5
65	Pyrene	202	16.365	16.361	(0.892)	18368	0.72023 LDL	70.63
$ 66	Terphenyl-d14	244	16.733	16.730	(0.913)	46346	2.81871	276.4
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	18.336	18.338	(1.000)	307843	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.373	18.375	(1.002)	24174	1.11116	109.0
72	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
* 134	Di-n-octylphthalate-d4	153	19.601	19.603	(1.000)	433074	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	19.949	19.945	(0.975)	13428	0.50805 LOL	49.82
75	Benzo(k)fluoranthene	252	Compound Not Detected.					
76	Benzo(a)pyrene	252	Compound Not Detected.					
* 77	Perylene-d12	264	20.467	20.453	(1.000)	364727	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb06adl.d
Lab Smp Id: PB06A
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12542

Calibration Date: 15-JUN-2009
Calibration Time: 14:39
Client Smp ID: BW-01-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	94737	-15.71
27 Naphthalene-d8	384492	192246	768984	327417	-14.84
42 Acenaphthene-d10	217478	108739	434956	176266	-18.95
59 Phenanthrene-d10	336594	168297	673188	258962	-23.06
69 Chrysene-d12	247160	123580	494320	307843	24.55
134 Di-n-octylphthala	347036	173518	694072	433074	24.79
77 Perylene-d12	232938	116469	465876	364727	56.58

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.85	0.05
27 Naphthalene-d8	8.92	8.42	9.42	8.91	-0.02
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	0.03
59 Phenanthrene-d10	14.08	13.58	14.58	14.08	0.02
69 Chrysene-d12	18.34	17.84	18.84	18.34	-0.01
134 Di-n-octylphthala	19.60	19.10	20.10	19.60	-0.01
77 Perylene-d12	20.45	19.95	20.95	20.47	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06A
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12542

Client SDG: PB06
Fraction: SV
Client Smp ID: BW-01-SS-090602
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

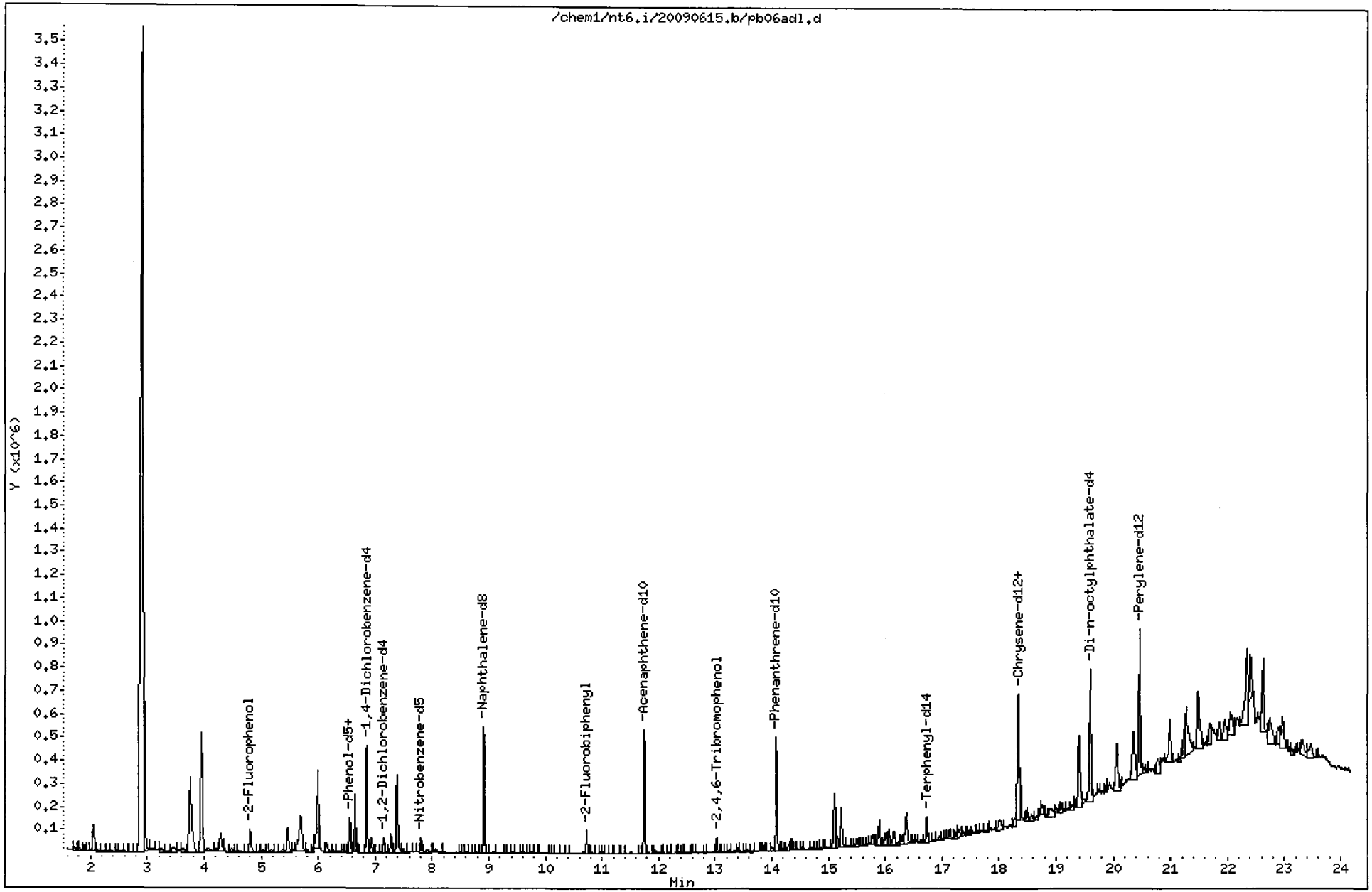
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	735.5	469.7	63.86	21-100
$ 2 Phenol-d5	735.5	462.9	62.94	10-100
$ 5 2-Chlorophenol-d4	735.5	447.0	60.78	30-100
$ 10 1,2-Dichlorobenzen	490.3	274.3	55.95	24-100
$ 18 Nitrobenzene-d5	490.3	297.3	60.64	26-100
$ 36 2-Fluorobiphenyl	490.3	337.5	68.84	32-100
$ 55 2,4,6-Tribromophen	735.5	512.7	69.71	33-118
$ 66 Terphenyl-d14	490.3	276.4	56.37	21-97

Data File: /chem1/nt6.i/20090615.b/pb06adl.d
Date : 16-JUN-2009 00:27
Client ID: BW-01-SS-090602
Sample Info: PB06A,5
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32

PB66:66165



Data File: /chem1/nt6.i/20090615.b/pb06ad1.d

Date : 16-JUN-2009 00:27

Client ID: BW-01-SS-090602

Instrument: nt6.i

Sample Info: PB06A,5

Volume Injected (uL): 1.0

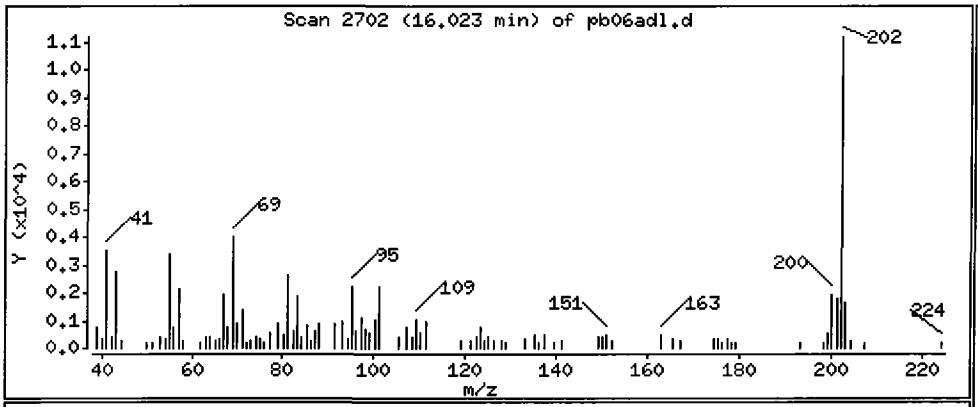
Operator: LJR/VTS

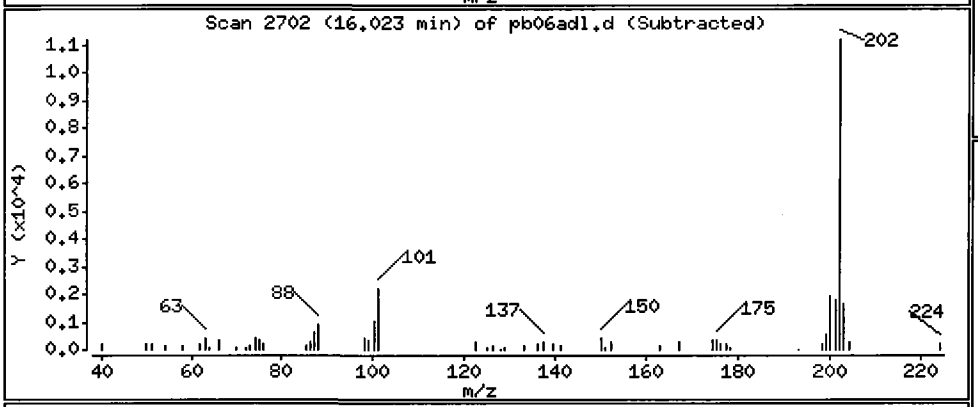
Column phase: ZB-5

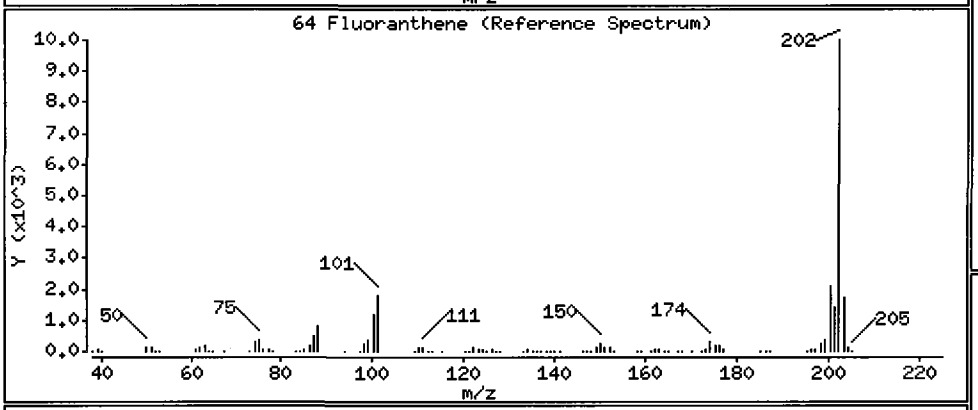
Column diameter: 0.32

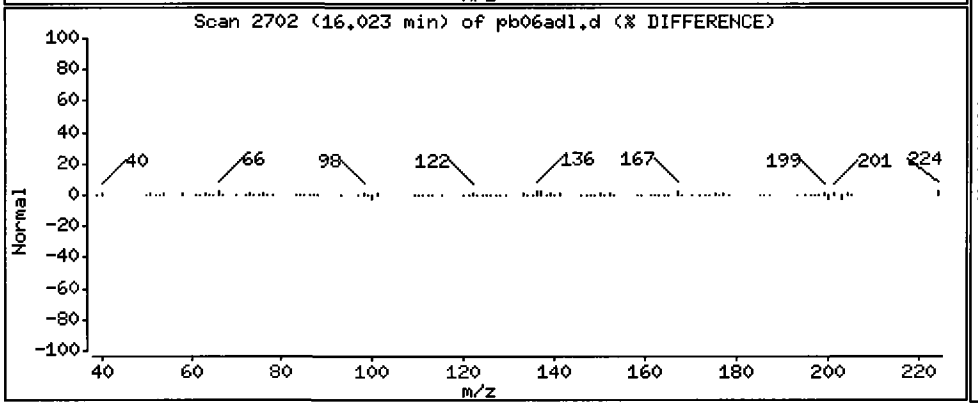
64 Fluoranthene

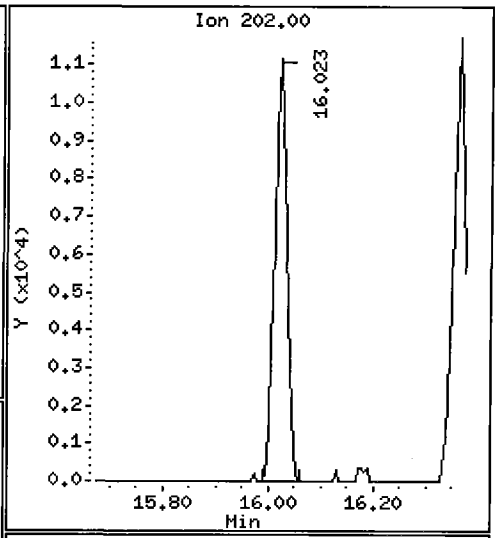
Concentration: 104.5 ug/kg

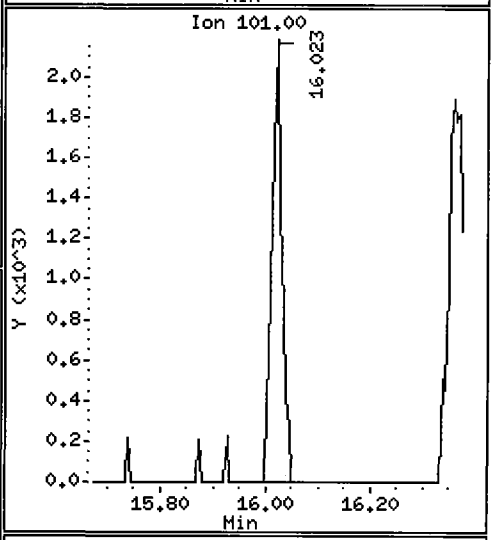


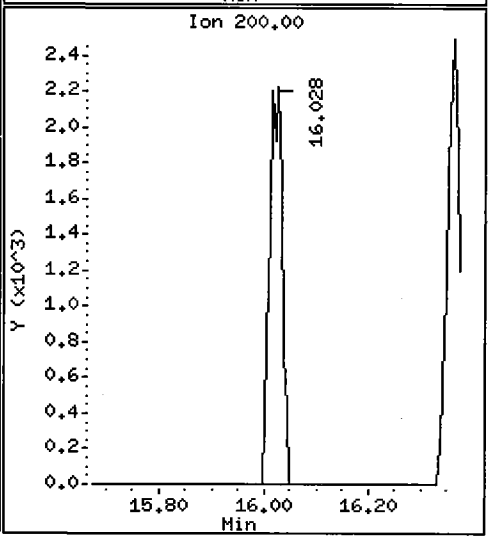












Data File: /chem1/nt6.i/20090615.b/pb06adl.d

Date : 16-JUN-2009 00:27

Client ID: BW-01-SS-090602

Instrument: nt6.i

Sample Info: PB06A,5

Volume Injected (uL): 1.0

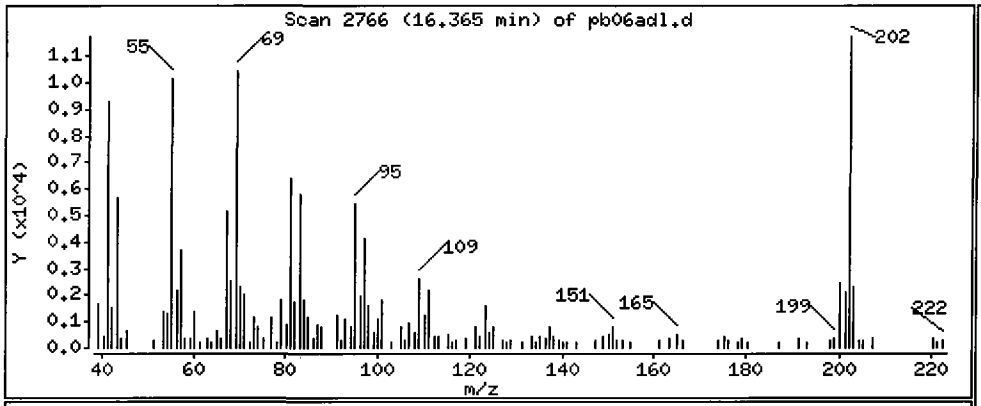
Operator: LJR/VTS

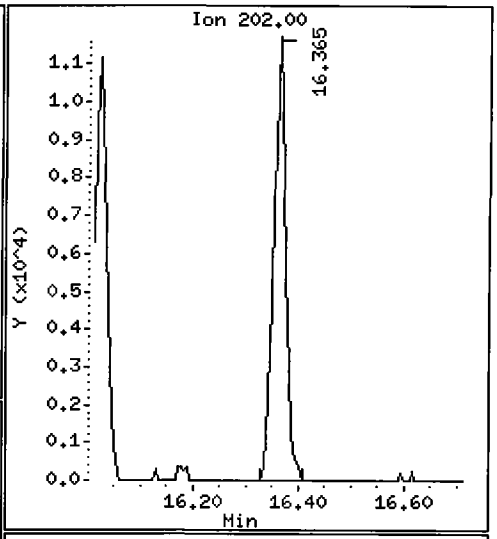
Column phase: ZB-5

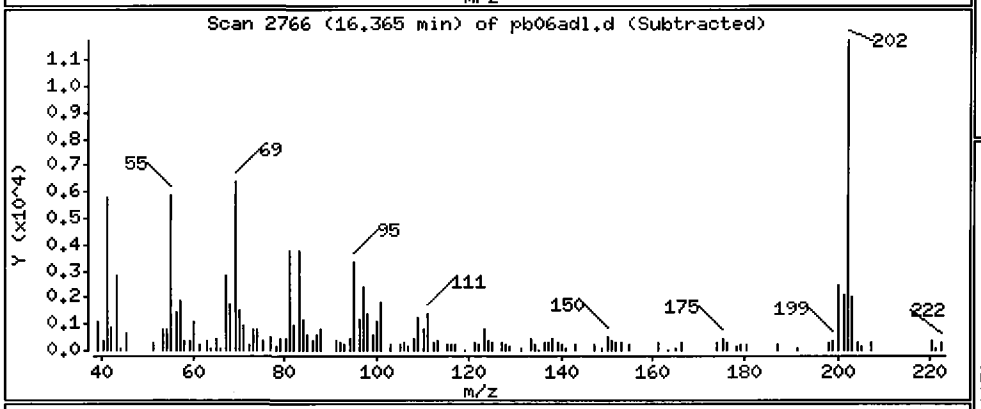
Column diameter: 0.32

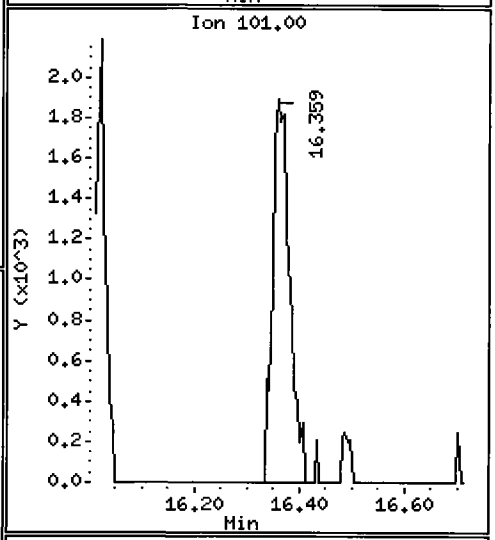
65 Pyrene

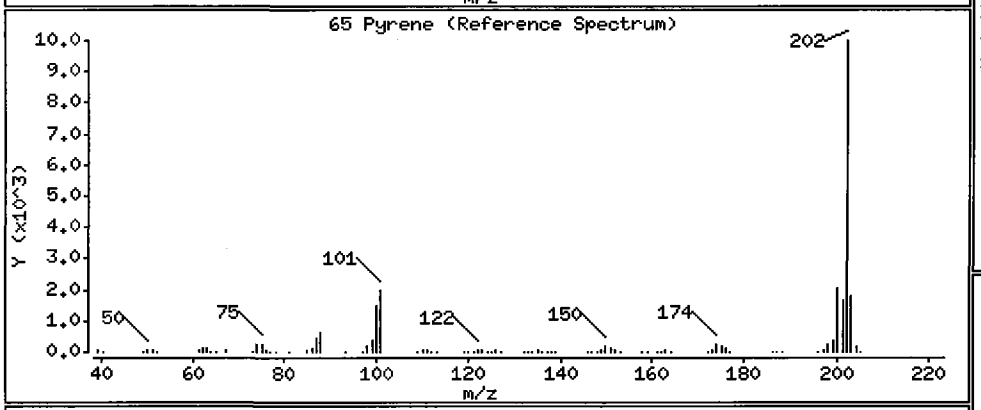
Concentration: 70.63 ug/kg

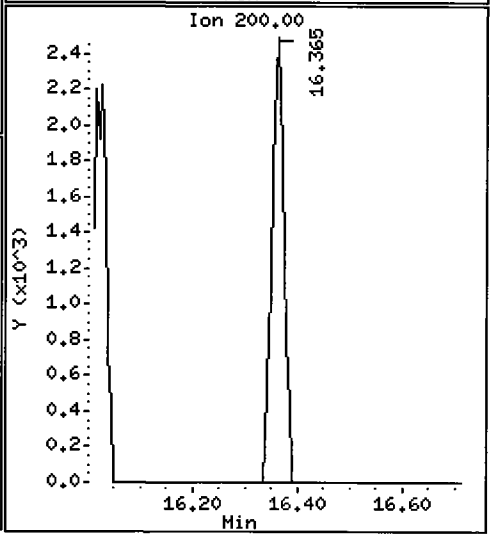


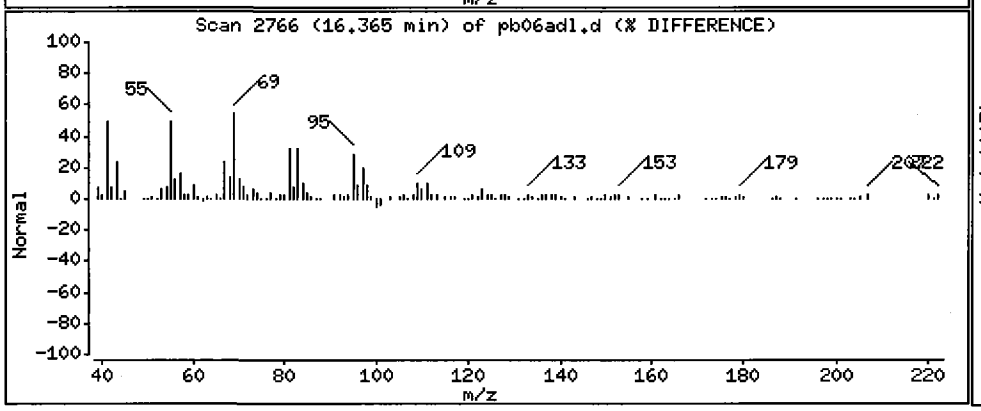












Data File: /chem1/nt6.i/20090615.b/pb06ad1.d

Date : 16-JUN-2009 00:27

Client ID: BW-01-SS-090602

Instrument: nt6.i

Sample Info: PB06A,5

Volume Injected (uL): 1.0

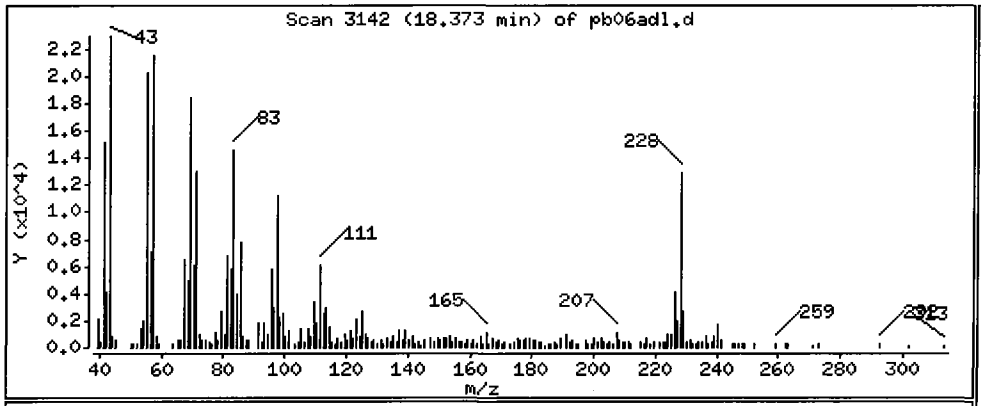
Operator: LJR/VTS

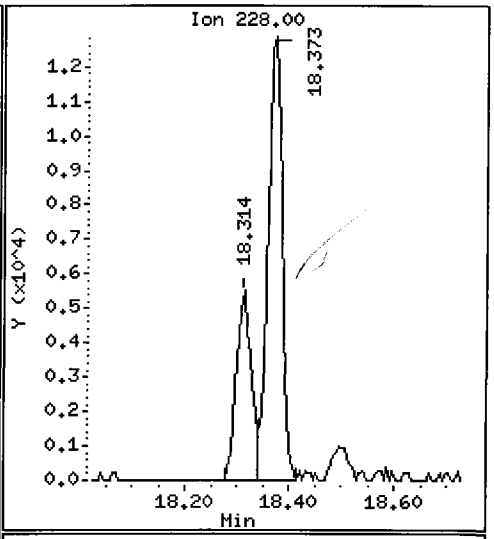
Column phase: ZB-5

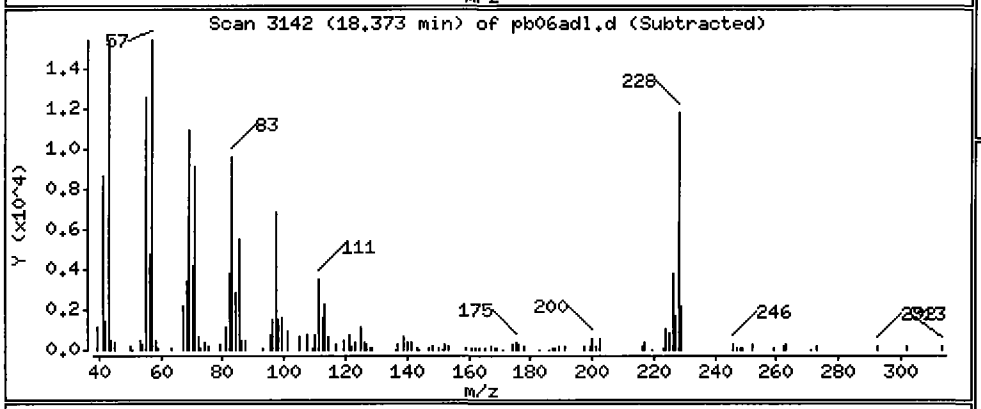
Column diameter: 0.32

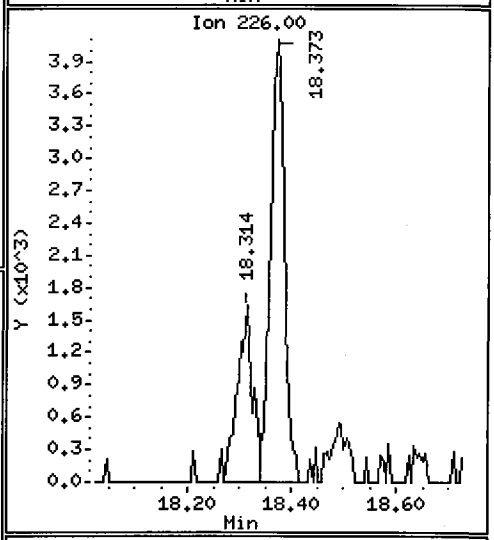
71 Chrysene

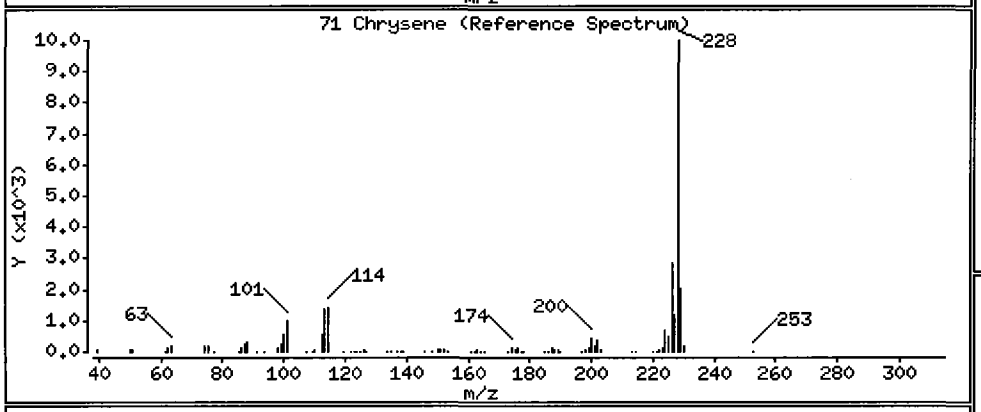
Concentration: 109.0 ug/kg

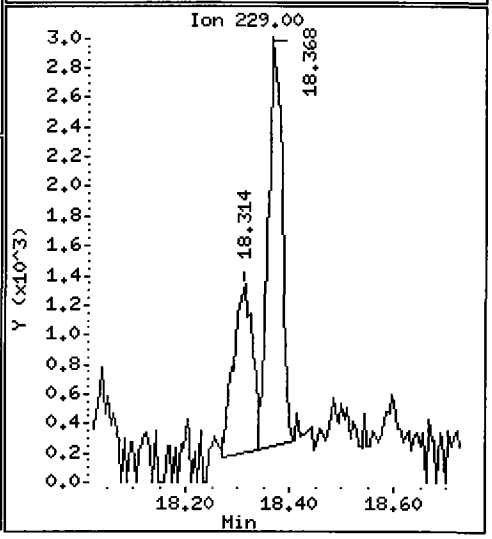


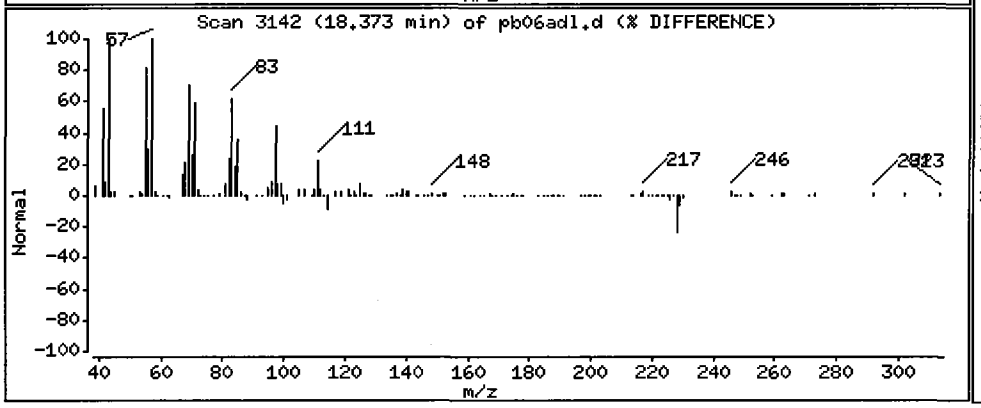












Data File: /chem1/nt6.i/20090615.b/pb06adl.d

Date : 16-JUN-2009 00:27

Client ID: BW-01-SS-090602

Instrument: nt6.i

Sample Info: PB06A,5

Volume Injected (uL): 1.0

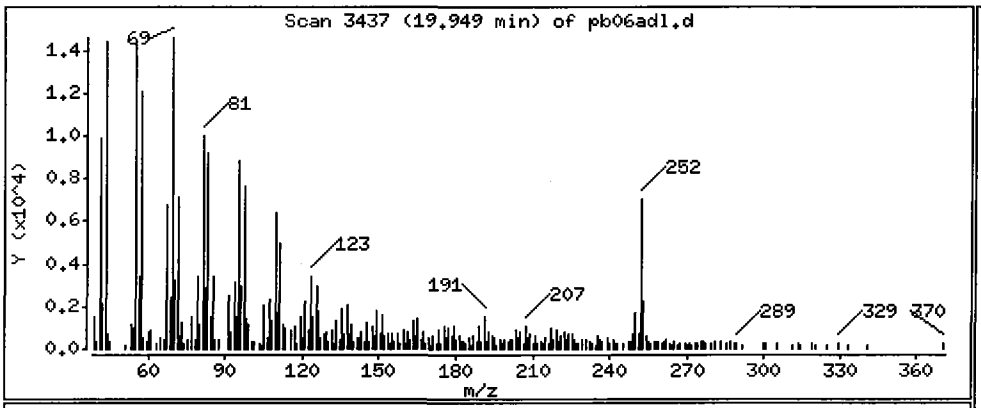
Operator: LJR/VTS

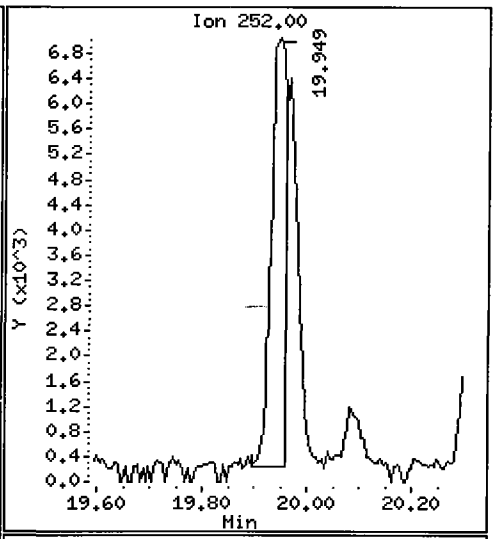
Column phase: ZB-5

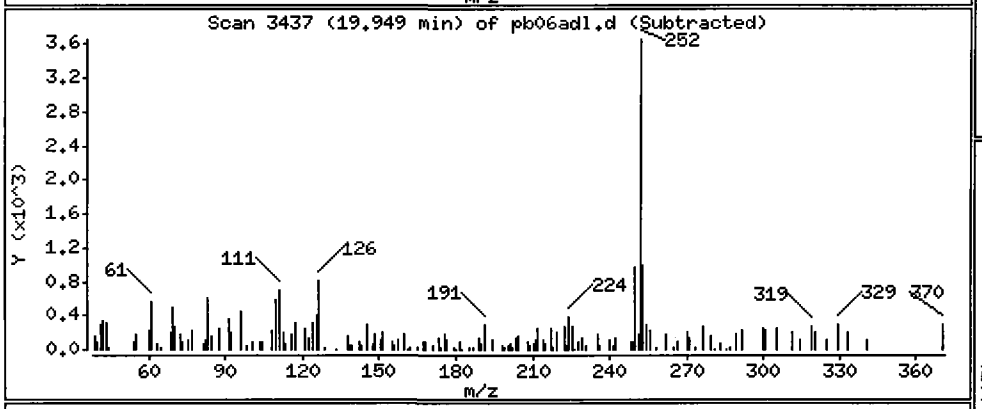
Column diameter: 0.32

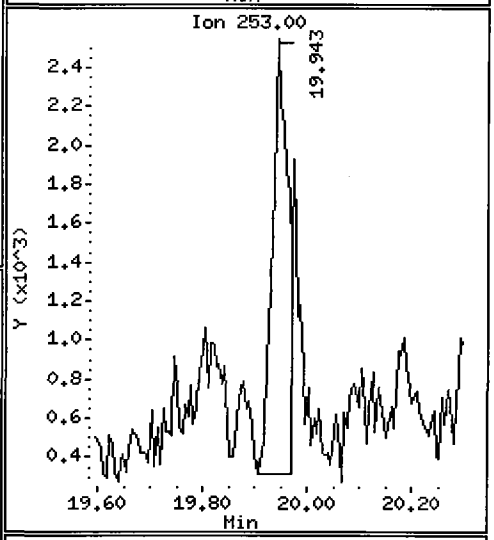
74 Benzo(b)fluoranthene

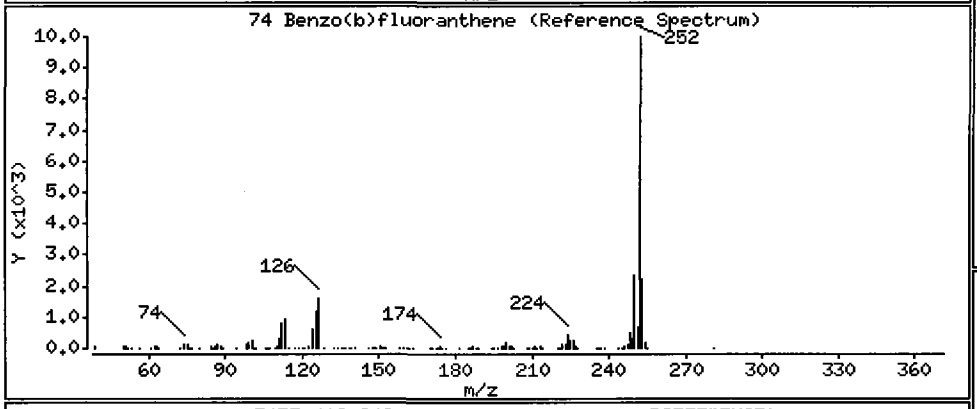
Concentration: 49.82 ug/kg

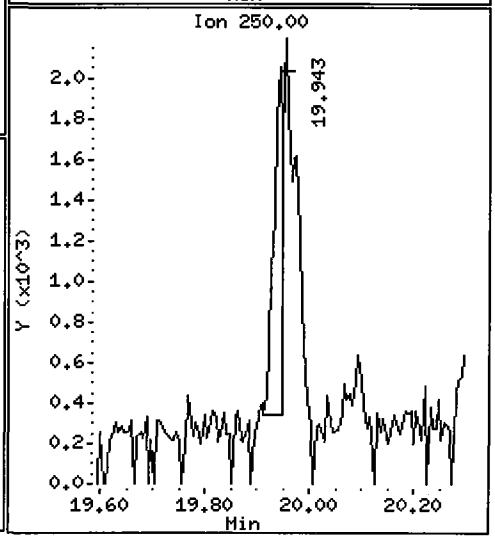


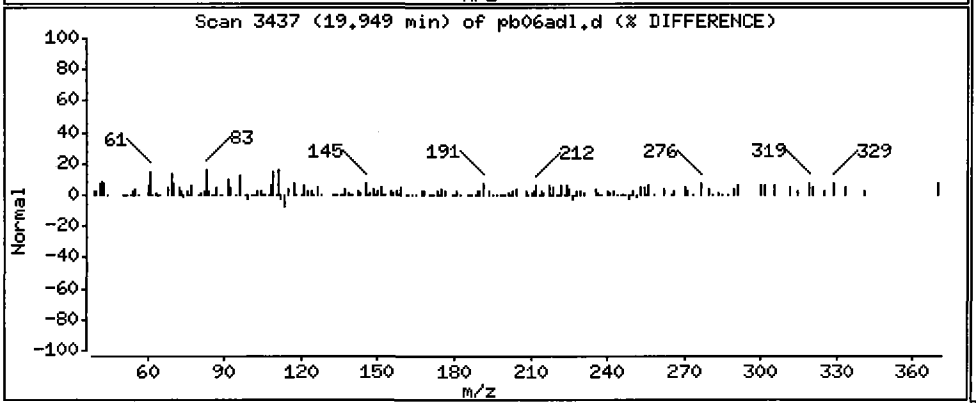












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: BW-03-SS-090602
SAMPLE

Lab Sample ID: PB06C
LIMS ID: 09-12544
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 22:35
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 52.4%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**20**
120-12-7	**Anthracene**	**20**	**12 J**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**88**
129-00-0	**Pyrene**	**20**	**48**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**26**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**32**
218-01-9	**Chrysene**	**20**	**56**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**32**
207-08-9	**Benzo(k)fluoranthene**	**20**	**32**
50-32-8	**Benzo(a)pyrene**	**20**	**23**
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	64.4%	2-Fluorobiphenyl	69.2%
d14-p-Terphenyl	61.2%	d4-1,2-Dichlorobenzene	58.0%
d5-Phenol	67.2%	2-Fluorophenol	69.1%
2,4,6-Tribromophenol	90.9%	d4-2-Chlorophenol	64.8%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611a.b/pb06c.d
Lab Smp Id: PB06C Client Smp ID: BW-03-SS-090602
Inj Date : 11-JUN-2009 22:35
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB06C
Misc Info : 09-12544
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611a.b/SW846.m
Meth Date : 12-Jun-2009 10:27 van Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	53.50000	Weight of sample extracted (g)
M	52.40000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$ 1 2-Fluorophenol	112	5.142	5.102	(0.720)	187840	25.9472	509.4
$ 2 Phenol-d5	99	6.830	6.784	(0.957)	245351	25.2381	495.5
3 Phenol	94	Compound Not Detected.					
$ 5 2-Chlorophenol-d4	132	6.857	6.838	(0.960)	144180	24.3387	477.9
4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6 2-Chlorophenol	128	Compound Not Detected.					
7 1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8 1,4-Dichlorobenzene-d4	152	7.140	7.131	(1.000)	87809	20.0000	
9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10 1,2-Dichlorobenzene-d4	152	7.439	7.431	(1.042)	63417	14.5037	284.8
12 1,2-Dichlorobenzene	146	Compound Not Detected.					
11 Benzyl alcohol	108	Compound Not Detected.					
14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13 2-Methylphenol	108	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
17	Hexachloroethane	117	Compound Not Detected.					
16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
15	4-Methylphenol	108	Compound Not Detected.					
$ 18	Nitrobenzene-d5	82	8.091	8.082	(0.880)	149790	16.0553	315.2
19	Nitrobenzene	77	Compound Not Detected.					
20	Isophorone	82	Compound Not Detected.					
21	2-Nitrophenol	139	Compound Not Detected.					
22	2,4-Dimethylphenol	107	Compound Not Detected.					
23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
24	Benzoic acid	105	Compound Not Detected.					
25	2,4-Dichlorophenol	162	Compound Not Detected.					
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	9.196	9.193	(1.000)	303782	20.0000	
28	Naphthalene	128	Compound Not Detected.					
29	4-Chloroaniline	127	Compound Not Detected.					
30	Hexachlorobutadiene	225	Compound Not Detected.					
31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
32	2-Methylnaphthalene	141	Compound Not Detected.					
33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	11.007	11.004	(0.914)	222563	17.2621	338.9
37	2-Chloronaphthalene	162	Compound Not Detected.					
38	2-Nitroaniline	65	Compound Not Detected.					
39	Dimethylphthalate	163	Compound Not Detected.					
40	Acenaphthylene	152	Compound Not Detected.					
41	2,6-Dinitrotoluene	165	Compound Not Detected.					
* 42	Acenaphthene-d10	164	12.043	12.035	(1.000)	173580	20.0000	
43	3-Nitroaniline	138	Compound Not Detected.					
44	Acenaphthene	153	Compound Not Detected.					
45	2,4-Dinitrophenol	184	Compound Not Detected.					
46	Dibenzofuran	168	Compound Not Detected.					
47	4-Nitrophenol	109	Compound Not Detected.					
48	2,4-Dinitrotoluene	165	Compound Not Detected.					
50	Diethylphthalate	149	Compound Not Detected.					
49	Fluorene	166	Compound Not Detected.					
51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
52	4-Nitroaniline	138	Compound Not Detected.					
53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.330	13.322	(1.107)	56503	34.1392	670.3
56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	Compound Not Detected.					
* 59	Phenanthrene-d10	188	14.388	14.379	(1.000)	323420	20.0000	
60	Phenanthrene	178	14.425	14.417	(1.003)	20545	1.00082	19.65
61	Anthracene	178	14.495	14.486	(1.007)	12245	0.58838	11.55 J
62	Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.348	16.329	(1.136)	94063	4.48815	88.12
65	Pyrene	202	16.690	16.671	(0.894)	94736	2.42290	47.57
$ 66	Terphenyl-d14	244	17.048	17.028	(0.913)	385330	15.2855	300.1
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	18.645	18.625	(0.999)	45727	1.31267	25.77
* 69	Chrysene-d12	240	18.671	18.652	(1.000)	471976	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.709	18.690	(1.002)	95599	2.86611	56.27
72	bis(2-Ethylhexyl)phthalate	149	18.976	18.957	(0.953)	34737	1.65104	32.42
* 134	Di-n-octylphthalate-d4	153	19.905	19.891	(1.000)	678364	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	20.290	20.265	(0.975)	113164	~~3.27~~533	64.31
75	Benzo(k)fluoranthene	252	20.290	20.303	(0.975)	113164	~~3.1~~8887	62.61
76	Benzo(a)pyrene	252	20.728	20.703	(0.996)	35962	1.14982	22.58
* 77	Perylene-d12	264	20.813	20.783	(1.000)	476782	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

1.616
1.616
(out ↑)

VT

6.12.2009

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb06c.d
Lab Smp Id: PB06C
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12544

Calibration Date: 11-JUN-2009
Calibration Time: 15:29
Client Smp ID: BW-03-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	87809	-21.87
27 Naphthalene-d8	384492	192246	768984	303782	-20.99
42 Acenaphthene-d10	217478	108739	434956	173580	-20.19
59 Phenanthrene-d10	336594	168297	673188	323420	-3.91
69 Chrysene-d12	247160	123580	494320	471976	90.96
134 Di-n-octylphthala	347036	173518	694072	678364	95.47
77 Perylene-d12	232938	116469	465876	476782	104.68 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.14	0.12
27 Naphthalene-d8	9.19	8.69	9.69	9.20	0.03
42 Acenaphthene-d10	12.03	11.53	12.53	12.04	0.07
59 Phenanthrene-d10	14.38	13.88	14.88	14.39	0.06
69 Chrysene-d12	18.65	18.15	19.15	18.67	0.10
134 Di-n-octylphthala	19.89	19.39	20.39	19.91	0.07
77 Perylene-d12	20.78	20.28	21.28	20.81	0.14

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Client SDG: PB06
Sample Matrix: SOLID
Fraction: SV
Lab Smp Id: PB06C
Client Smp ID: BW-03-SS-090602
Level: LOW
Operator: LJR/VTS
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: PSDDALCS.spk
Quant Type: ISTD
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12544

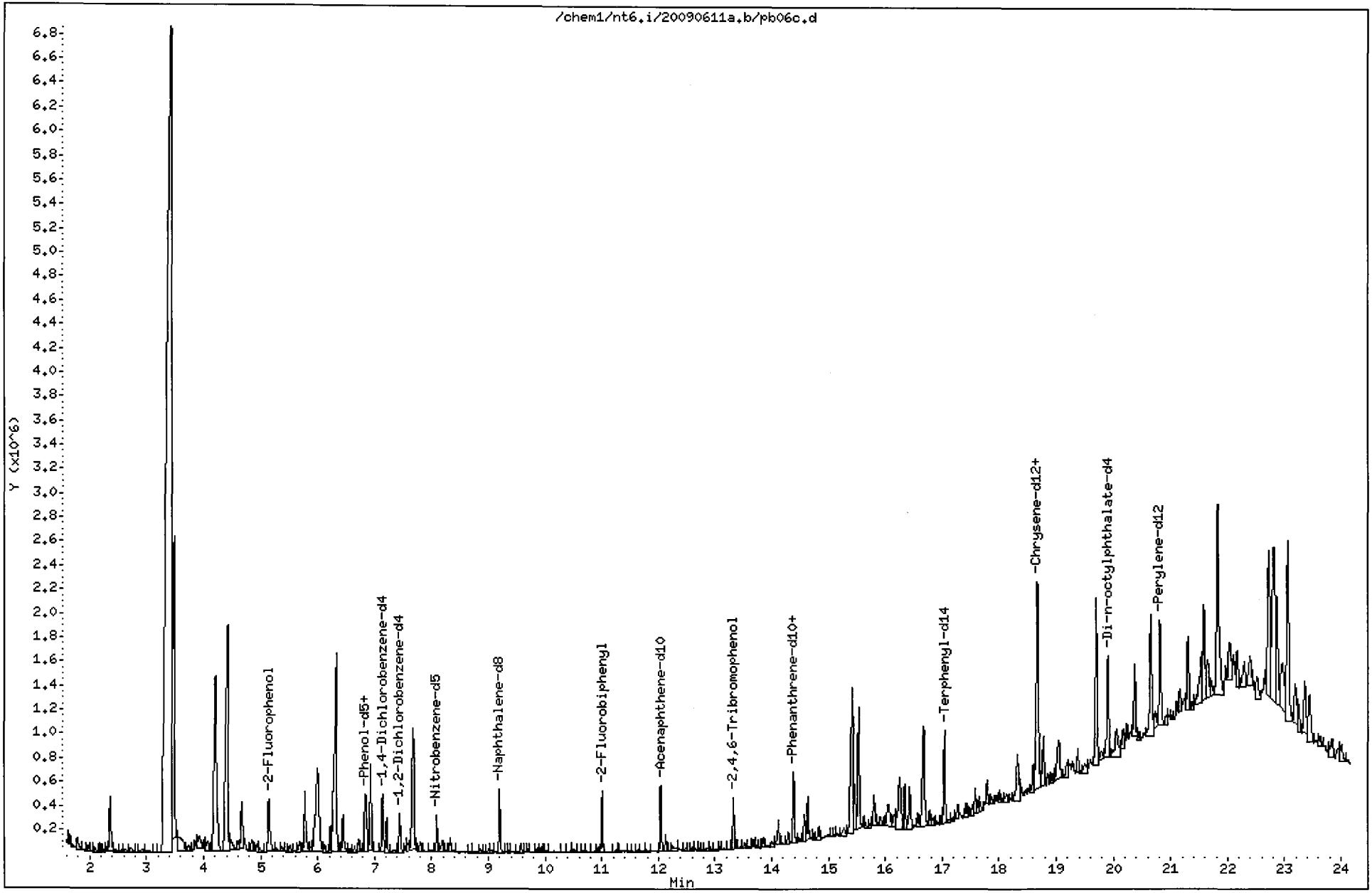
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	736.3	509.4	69.19	21-100
$ 2 Phenol-d5	736.3	495.5	67.30	10-100
$ 5 2-Chlorophenol-d4	736.3	477.9	64.90	30-100
$ 10 1,2-Dichlorobenzen	490.9	284.8	58.01	24-100
$ 18 Nitrobenzene-d5	490.9	315.2	64.22	26-100
$ 36 2-Fluorobiphenyl	490.9	338.9	69.05	32-100
$ 55 2,4,6-Tribromophen	736.3	670.3	91.04	33-118
$ 66 Terphenyl-d14	490.9	300.1	61.14	21-97

Data File: /chem1/nt6.i/20090611a.b/pb06c.d
Date : 11-JUN-2009 22:35
Client ID: BW-03-SS-090602
Sample Info: PB06C
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32

PB06.0917S



Data File: /chem1/nt6.i/20090611a.b/pb06c.d

Date : 11-JUN-2009 22:35

Client ID: BW-03-SS-090602

Instrument: nt6.i

Sample Info: PB06C

Volume Injected (uL): 1.0

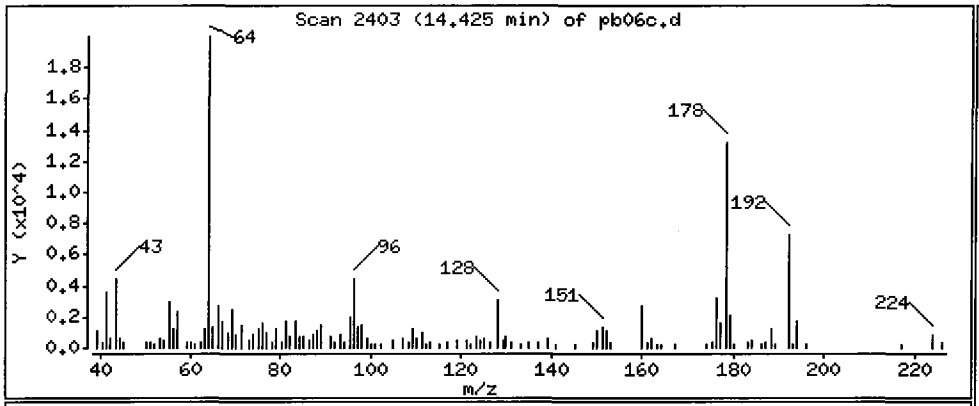
Operator: LJR/VTS

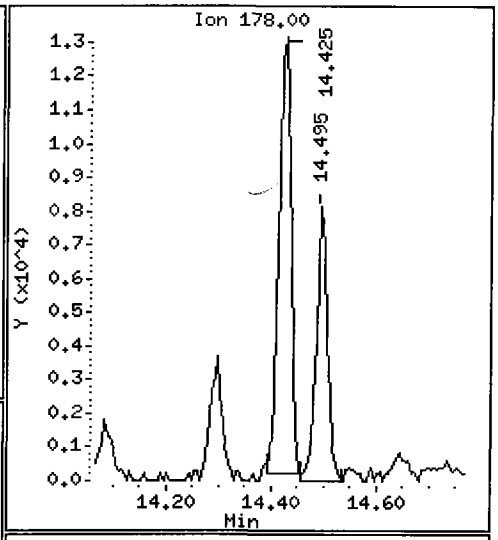
Column phase: ZB-5

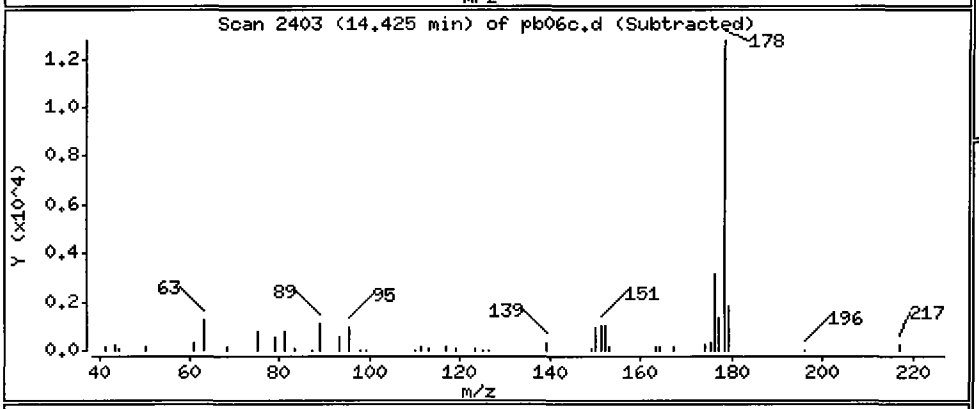
Column diameter: 0.32

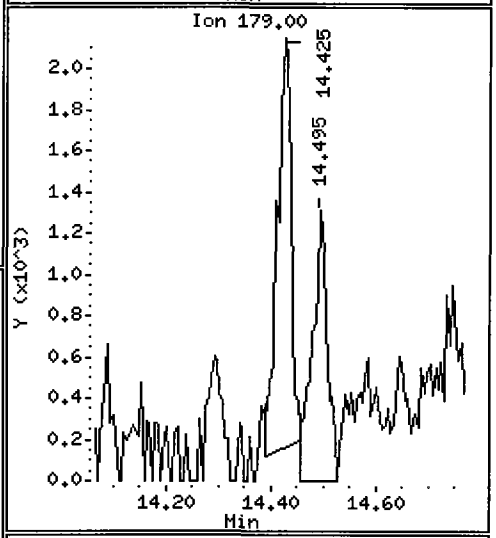
60 Phenanthrene

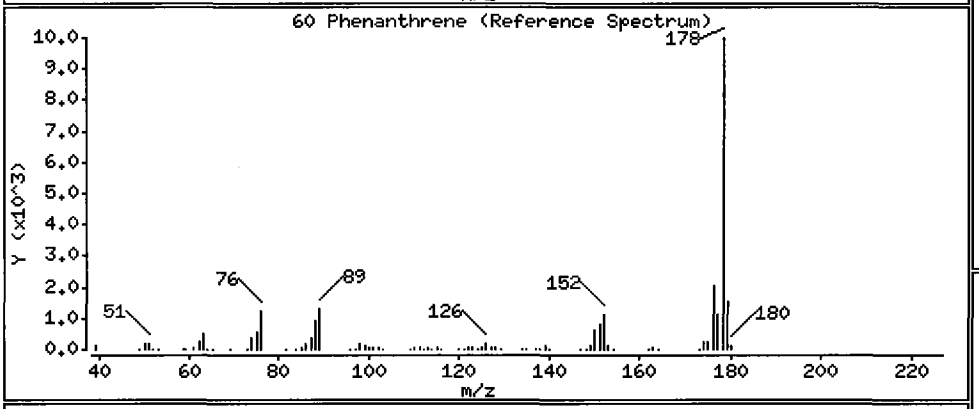
Concentration: 19.65 ug/kg

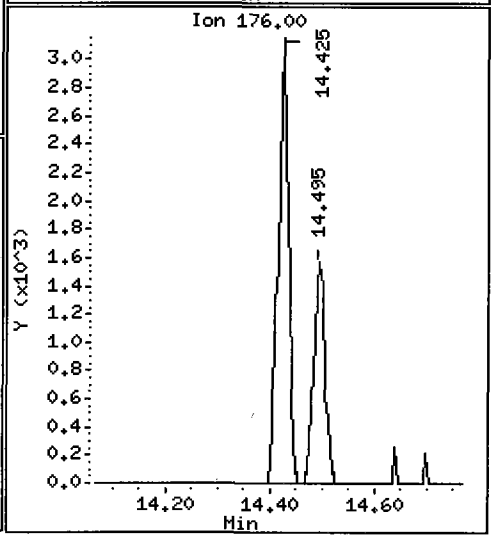


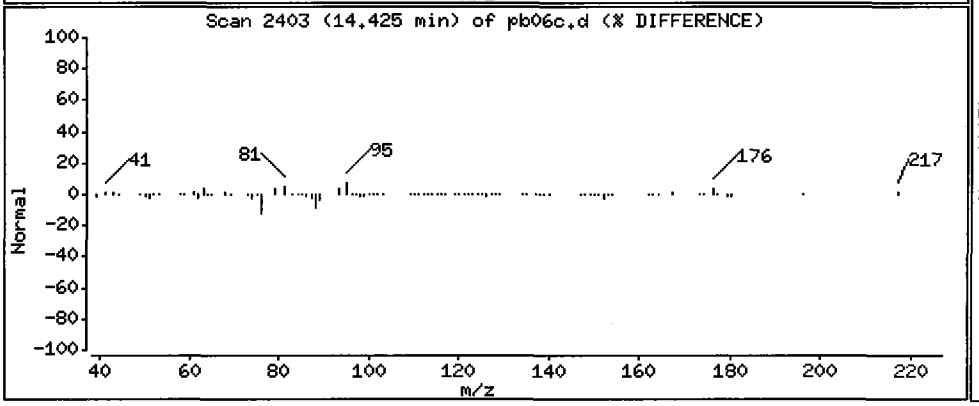












Data File: /chem1/nt6.i/20090611a.b/pb06c.d

Date : 11-JUN-2009 22:35

Client ID: BW-03-SS-090602

Instrument: nt6.i

Sample Info: PB06C

Volume Injected (uL): 1.0

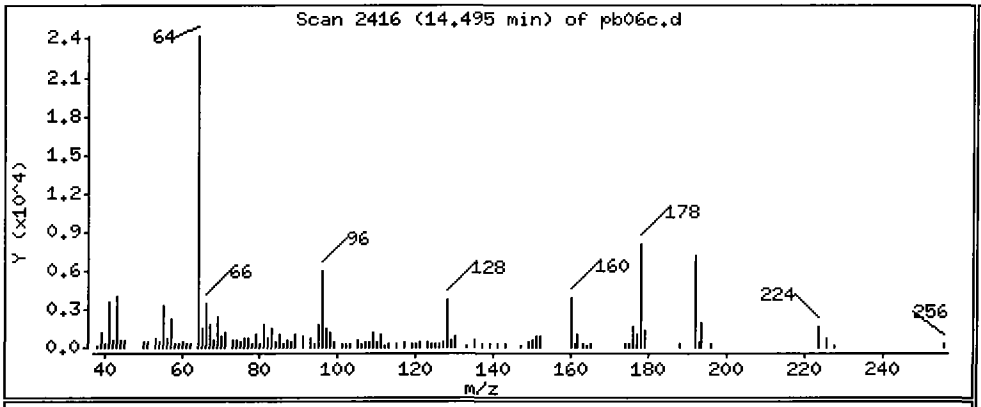
Operator: LJR/VTS

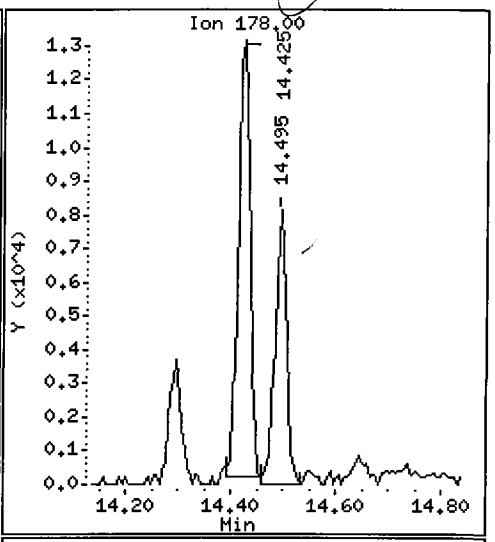
Column phase: ZB-5

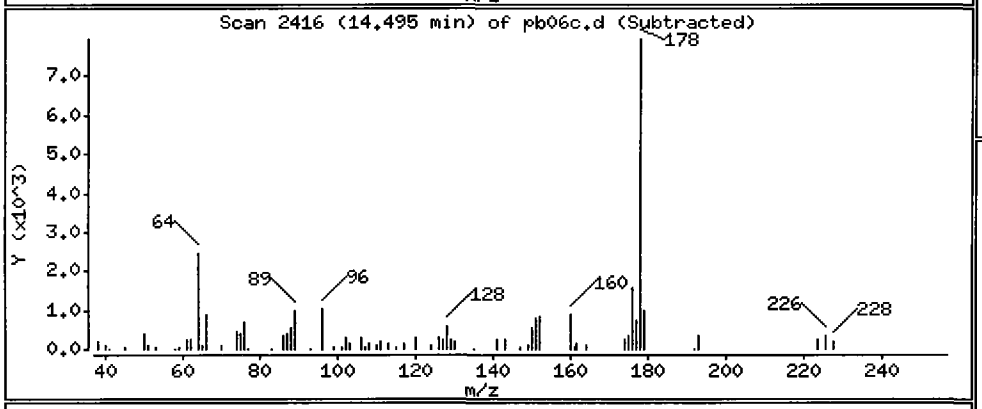
Column diameter: 0.32

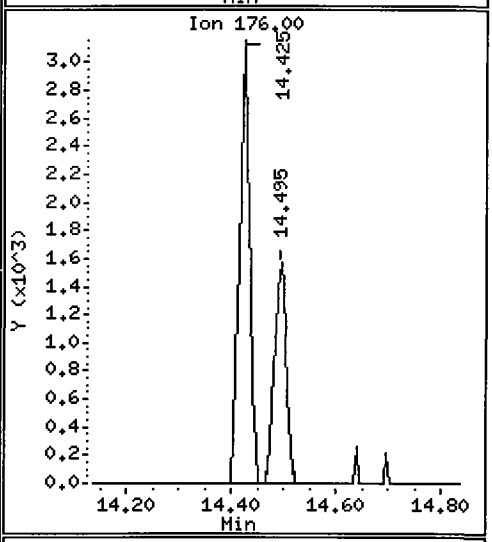
61 Anthracene

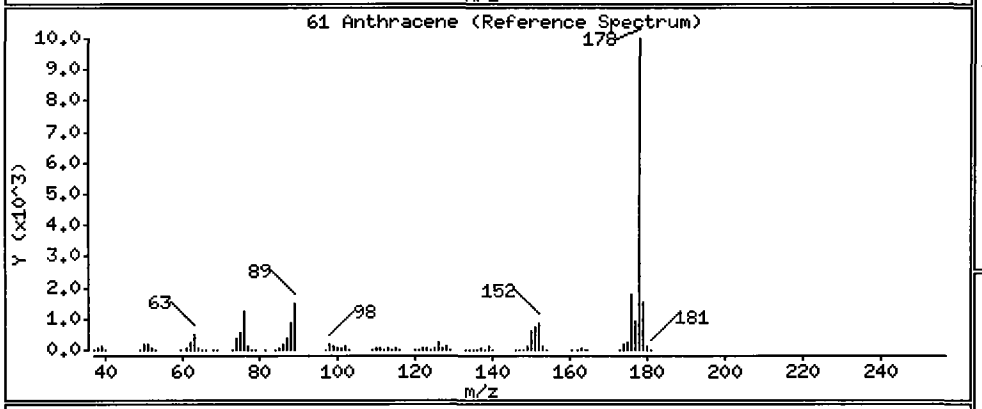
Concentration: 11.55 ug/kg

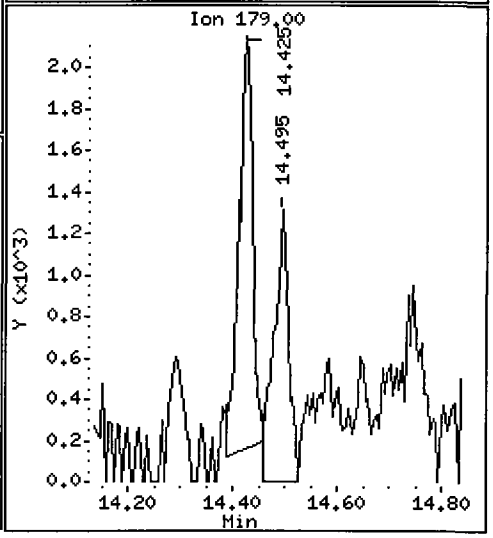


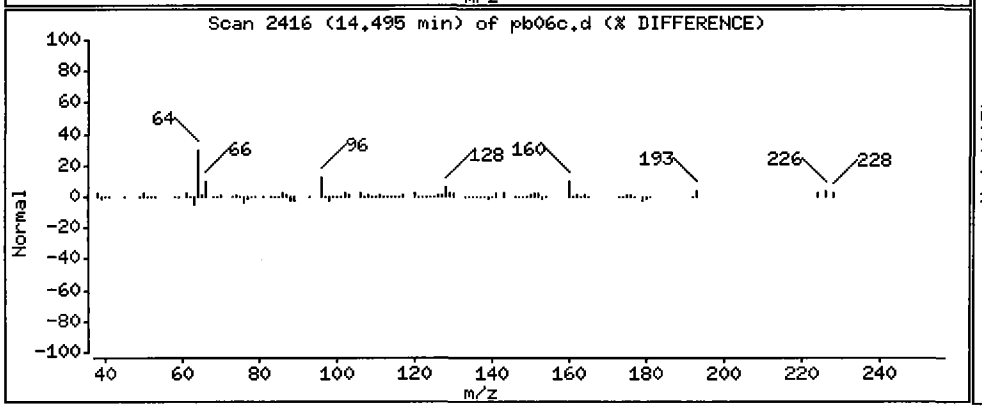












Data File: /chem1/nt6.i/20090611a.b/pb06c.d

Date : 11-JUN-2009 22:35

Client ID: BW-03-SS-090602

Instrument: nt6.i

Sample Info: PB06C

Volume Injected (uL): 1.0

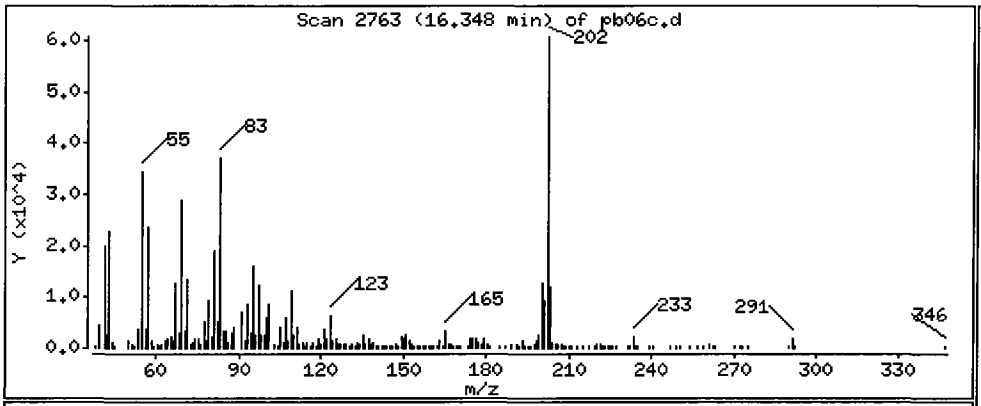
Operator: LJR/VTS

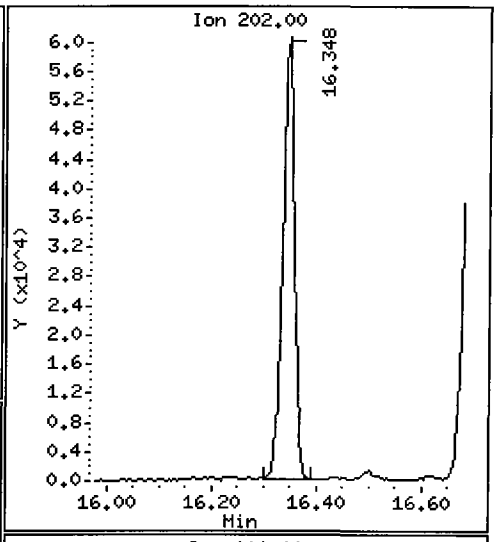
Column phase: ZB-5

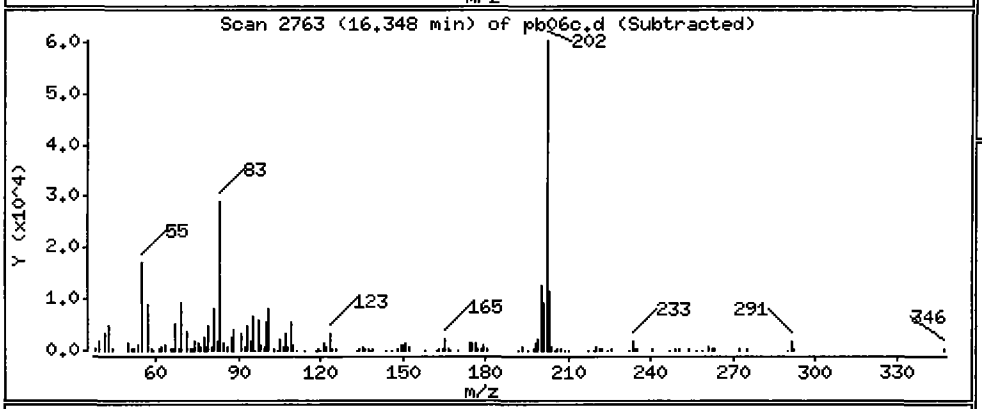
Column diameter: 0.32

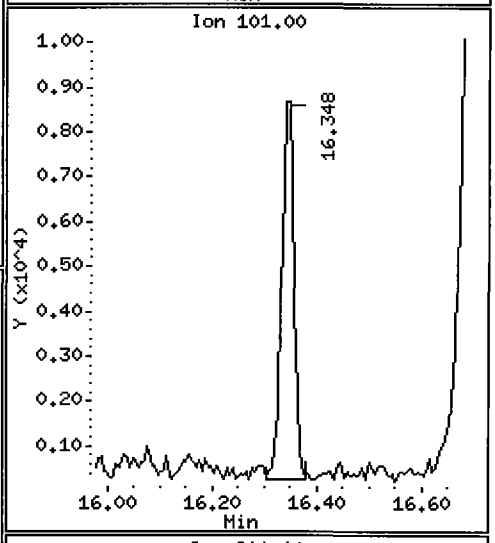
64 Fluoranthene

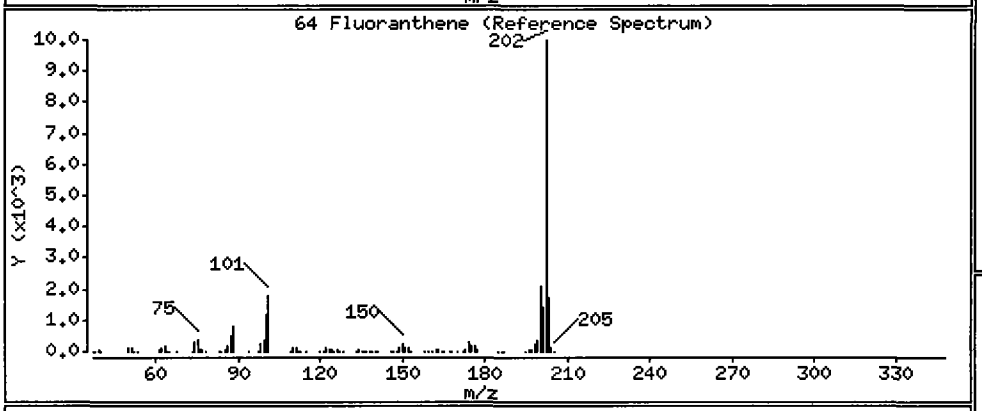
Concentration: 88.12 ug/kg

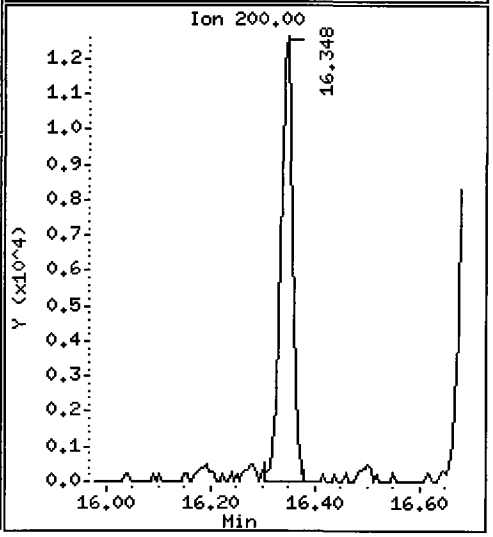


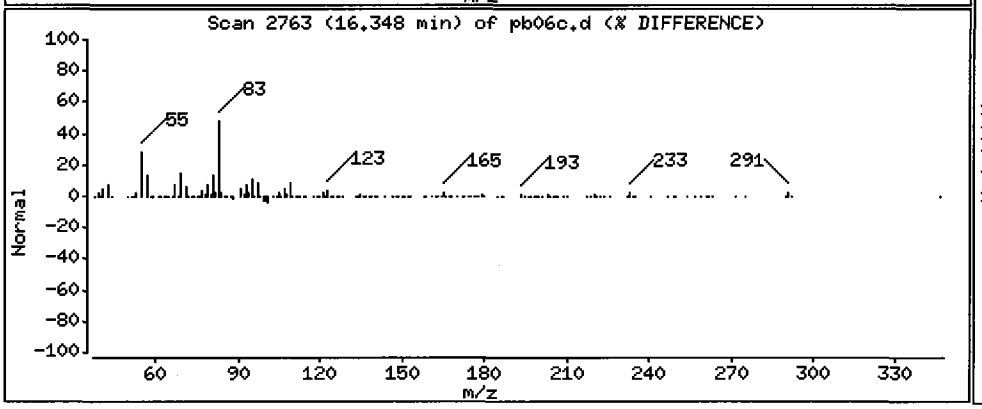












Data File: /chem1/nt6.i/20090611a.b/pb06c.d

Date : 11-JUN-2009 22:35

Client ID: BW-03-SS-090602

Instrument: nt6.i

Sample Info: PB06C

Volume Injected (uL): 1.0

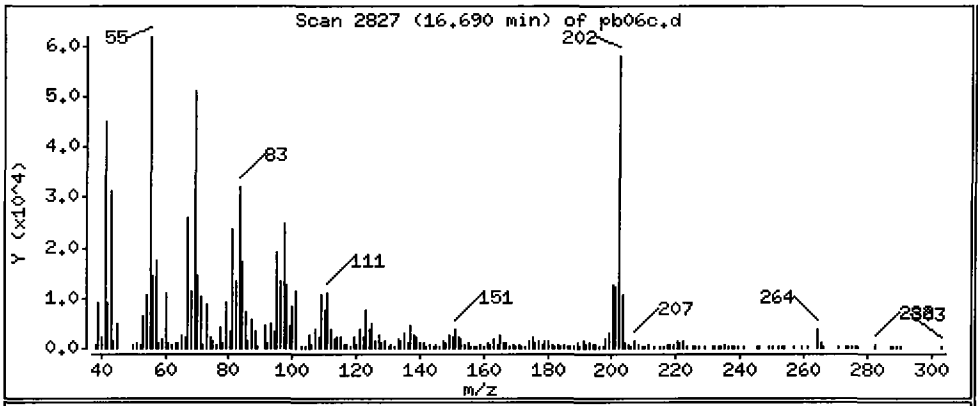
Operator: LJR/VTS

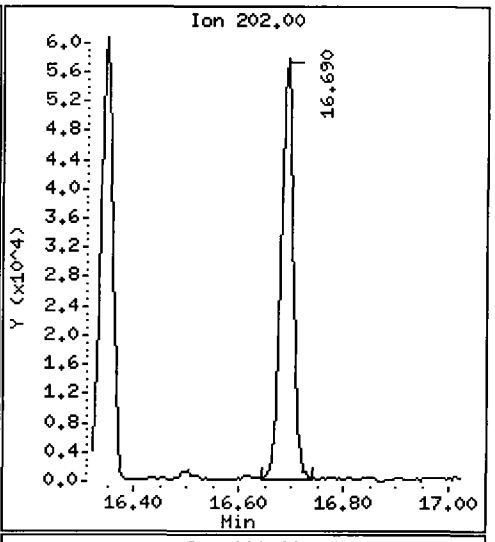
Column phase: ZB-5

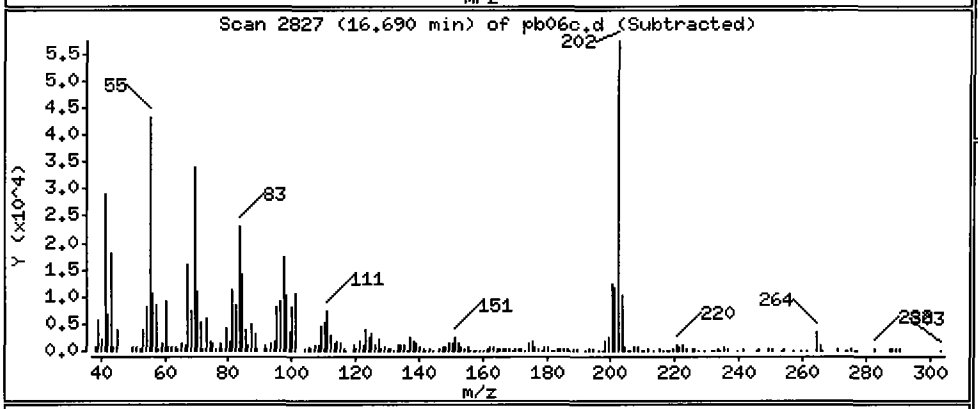
Column diameter: 0.32

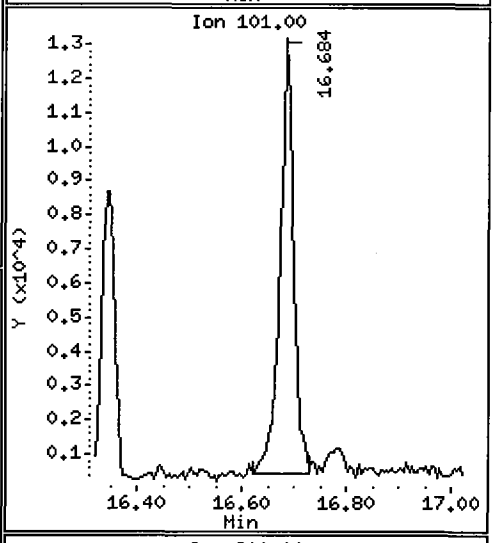
65 Pyrene

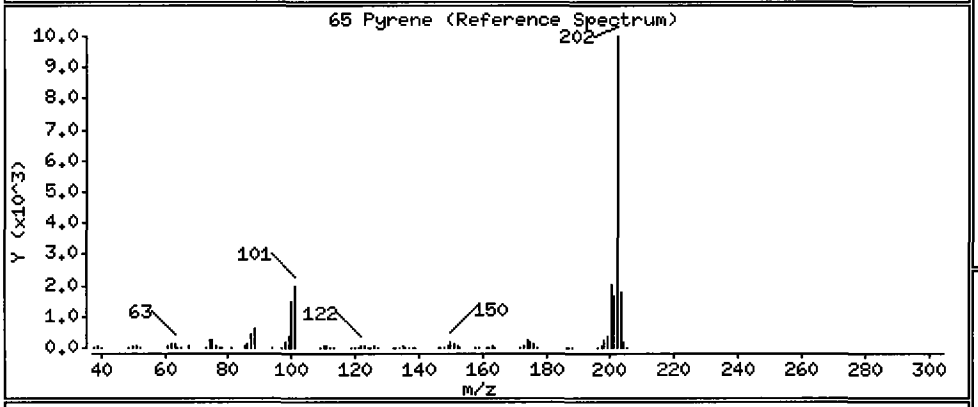
Concentration: 47.57 ug/kg

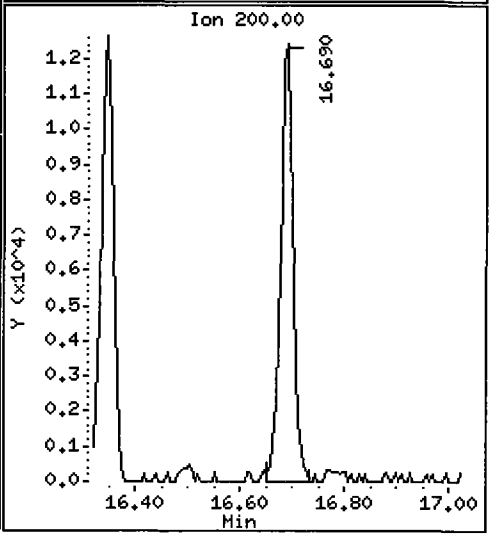


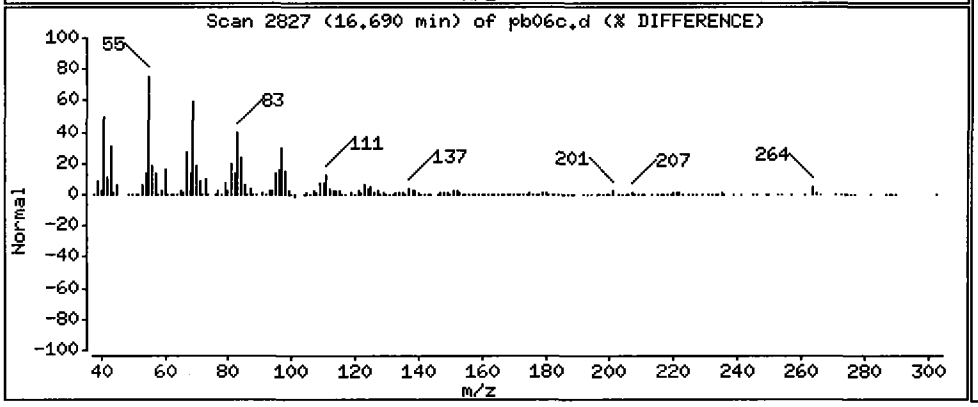












Data File: /chem1/nt6.i/20090611a.b/pb06c.d

Date : 11-JUN-2009 22:35

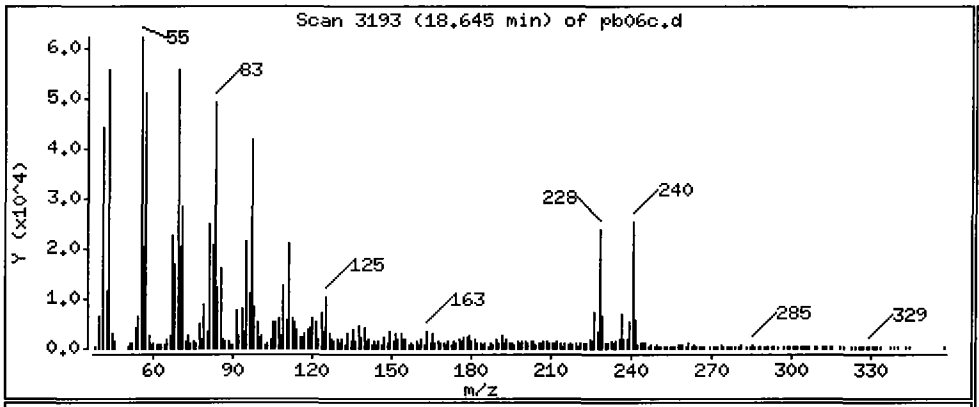
Client ID: BW-03-SS-090602 Instrument: nt6.i

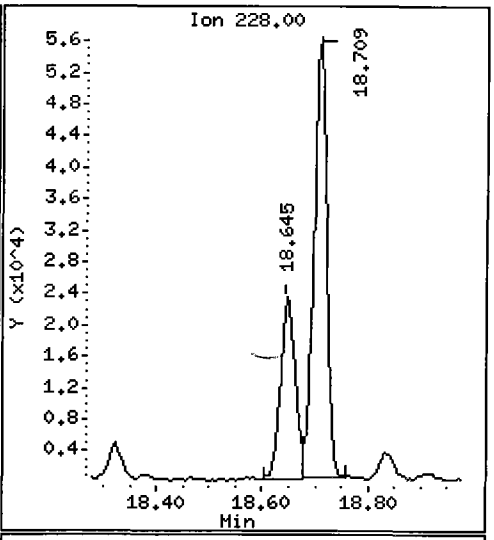
Sample Info: PB06C

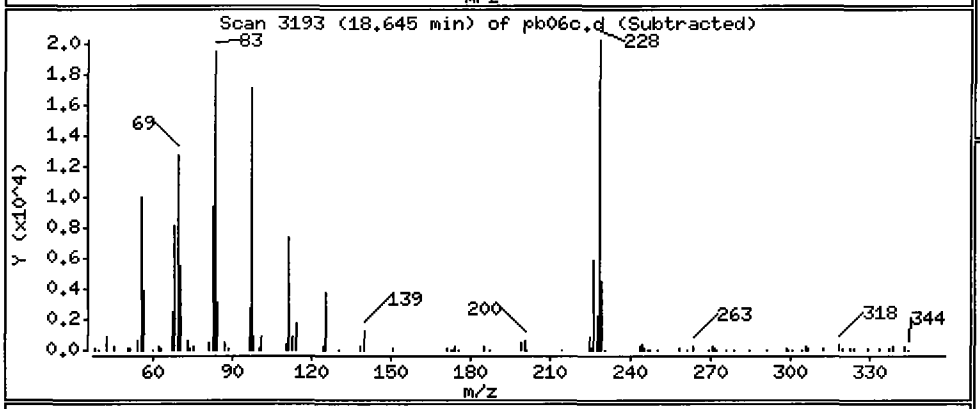
Volume Injected (uL): 1.0 Operator: LJR/VTS

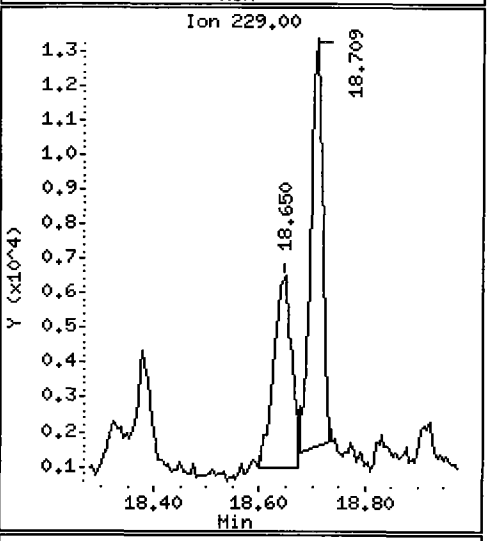
Column phase: ZB-5 Column diameter: 0.32

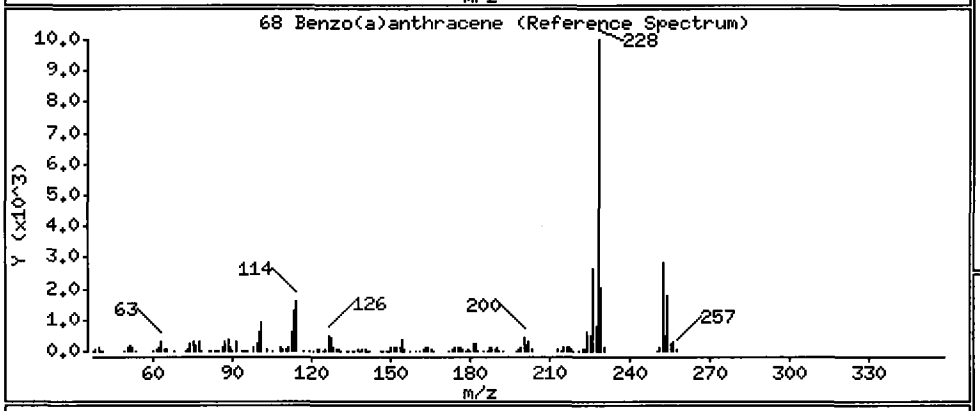
68 Benzo(a)anthracene Concentration: 25.77 ug/kg

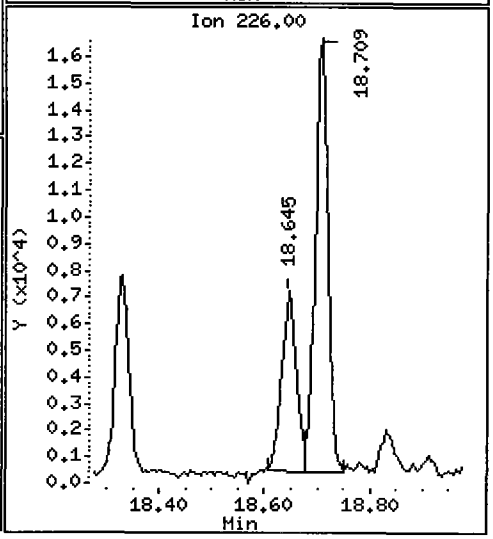


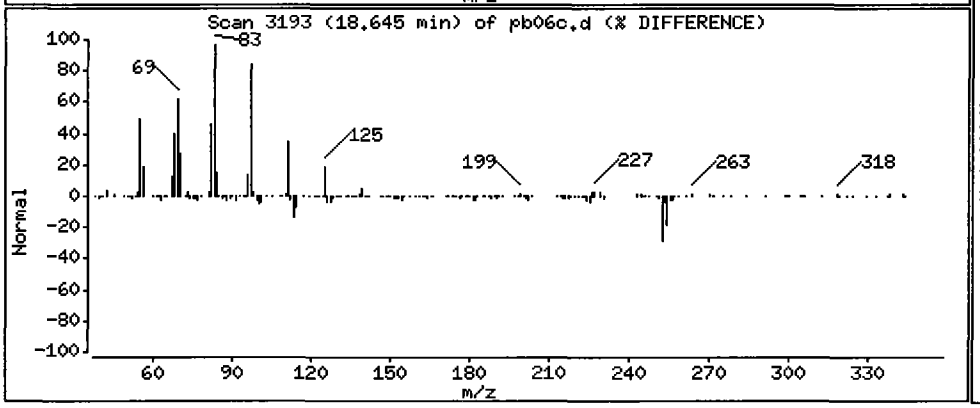












Data File: /chem1/nt6.i/20090611a.b/pb06c.d

Date : 11-JUN-2009 22:35

Client ID: BW-03-SS-090602

Instrument: nt6.i

Sample Info: PB06C

Volume Injected (uL): 1.0

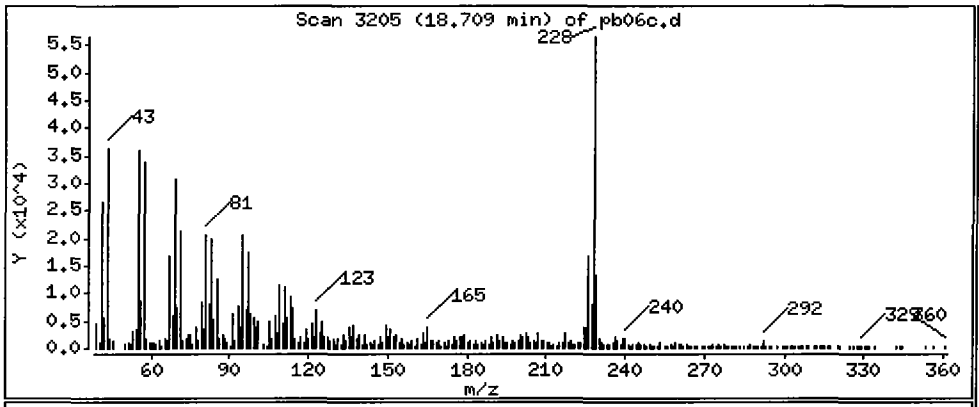
Operator: LJR/VTS

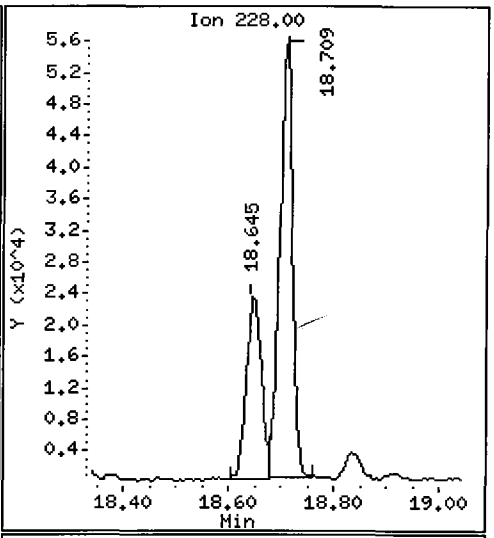
Column phase: ZB-5

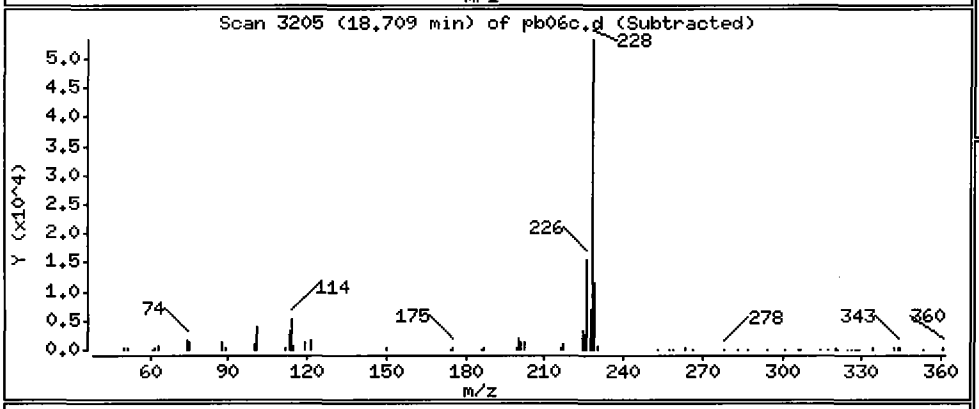
Column diameter: 0.32

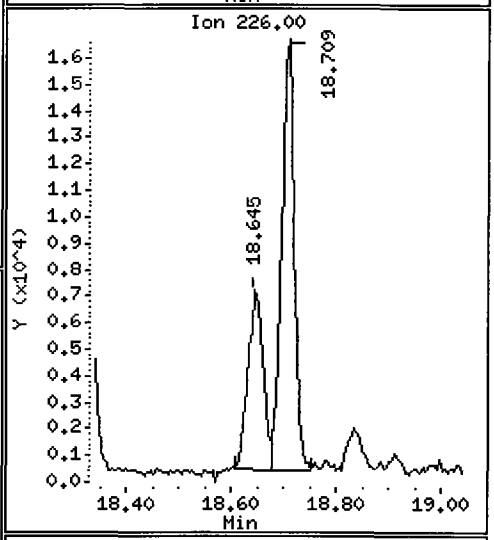
71 Chrysene

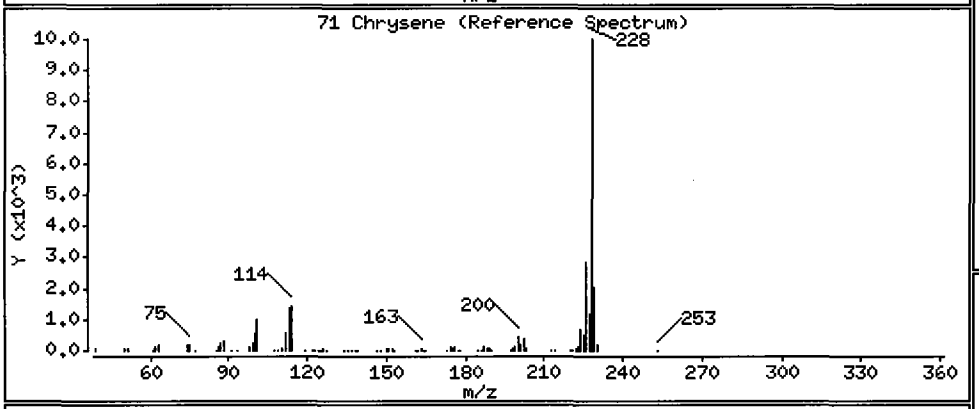
Concentration: 56.27 ug/kg

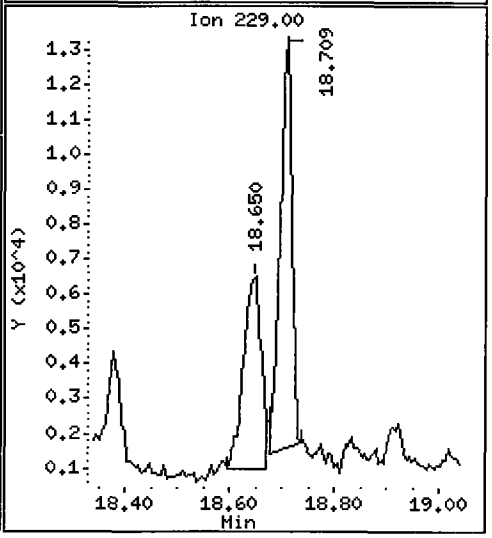


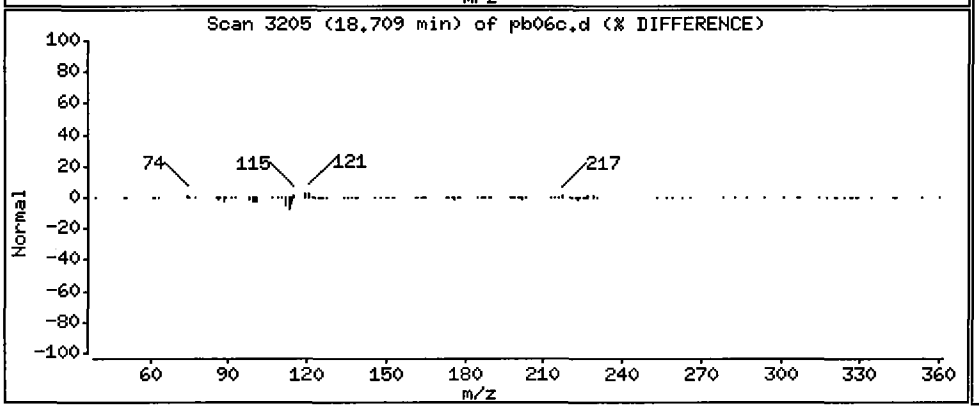












Data File: /chem1/nt6.i/20090611a.b/pb06c.d

Date : 11-JUN-2009 22:35

Client ID: BW-03-SS-090602

Instrument: nt6.i

Sample Info: PB06C

Volume Injected (uL): 1.0

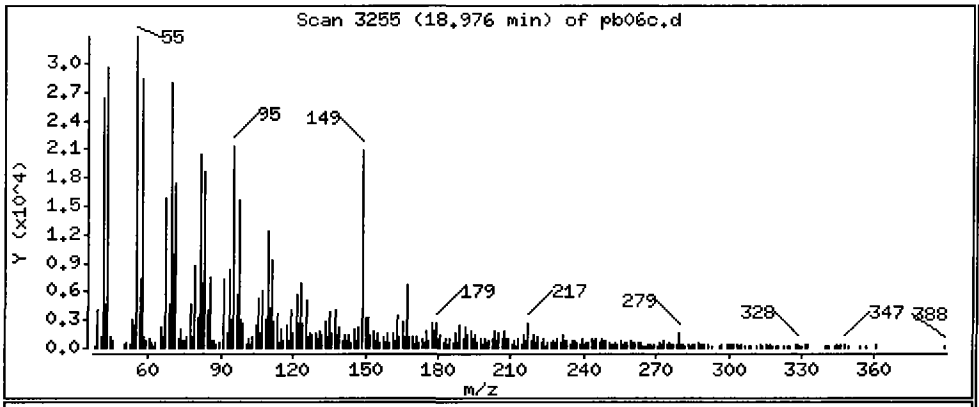
Operator: LJR/VTS

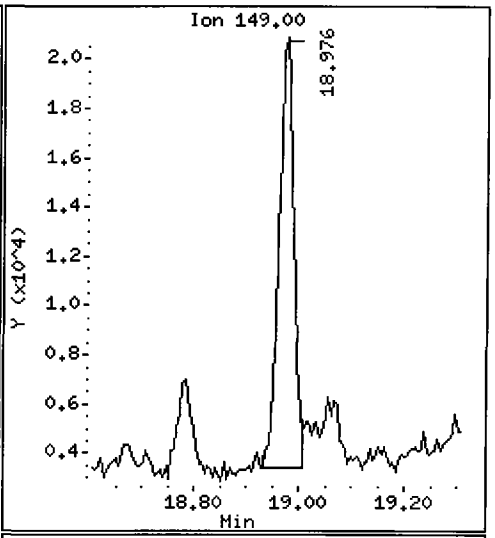
Column phase: ZB-5

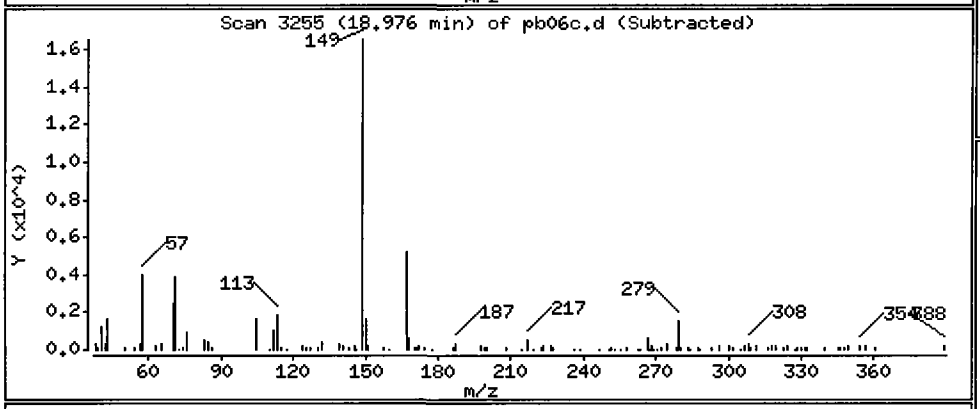
Column diameter: 0.32

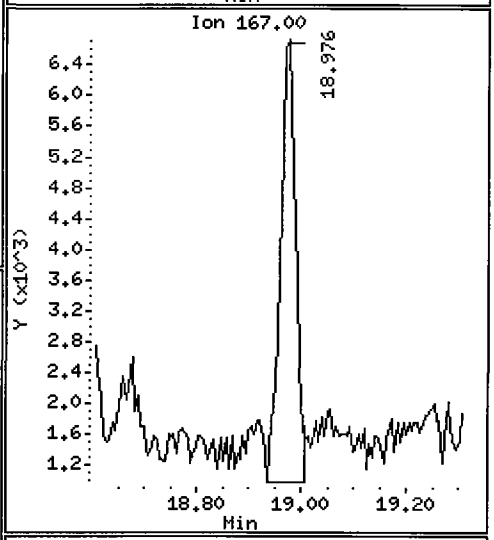
72 bis(2-Ethylhexyl)phthalate

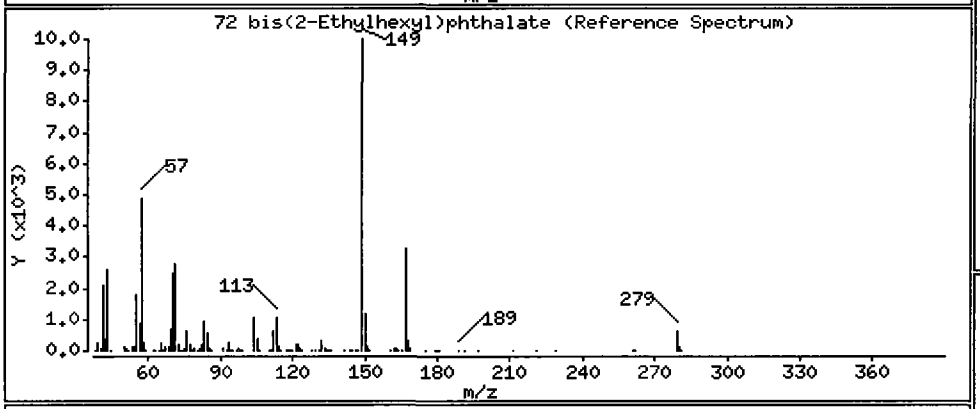
Concentration: 32.42 ug/kg

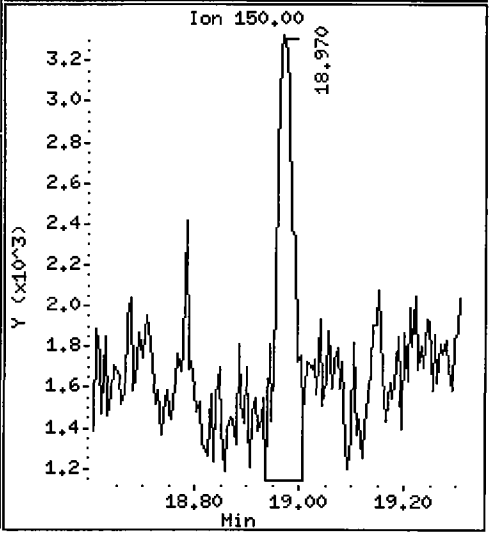


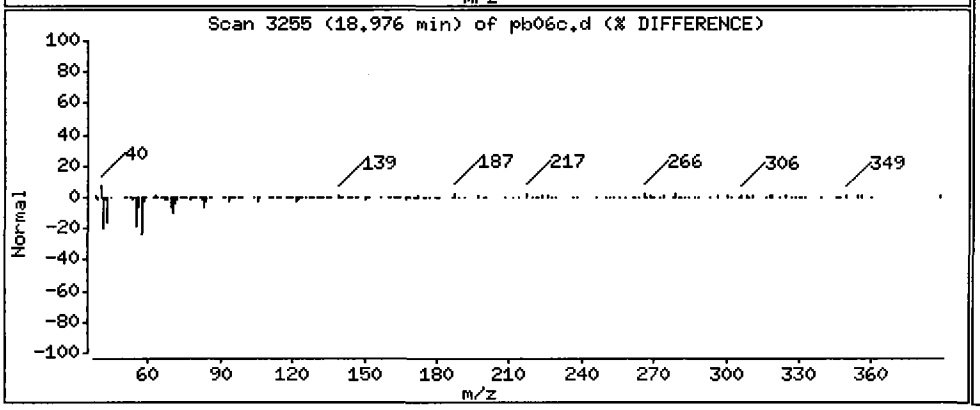












Data File: /chem1/nt6.i/20090611a.b/pb06c.d

Date : 11-JUN-2009 22:35

Client ID: BW-03-SS-090602

Instrument: nt6.i

Sample Info: PB06C

Volume Injected (uL): 1.0

Operator: LJR/VTS

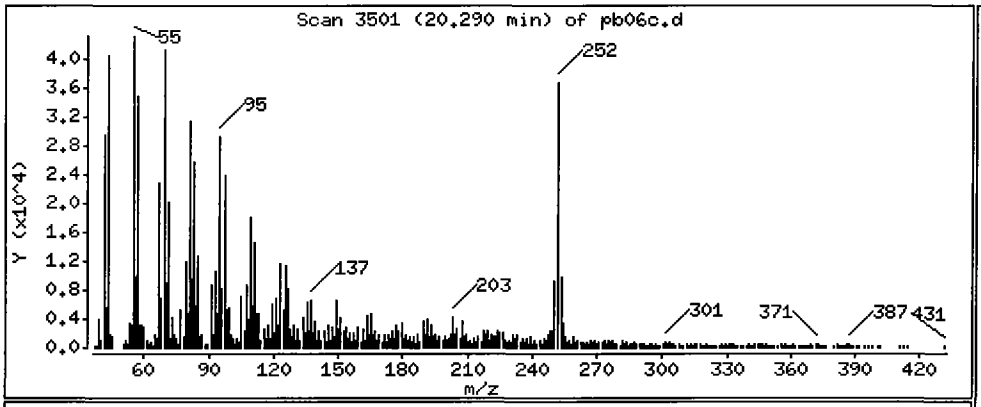
Column phase: ZB-5

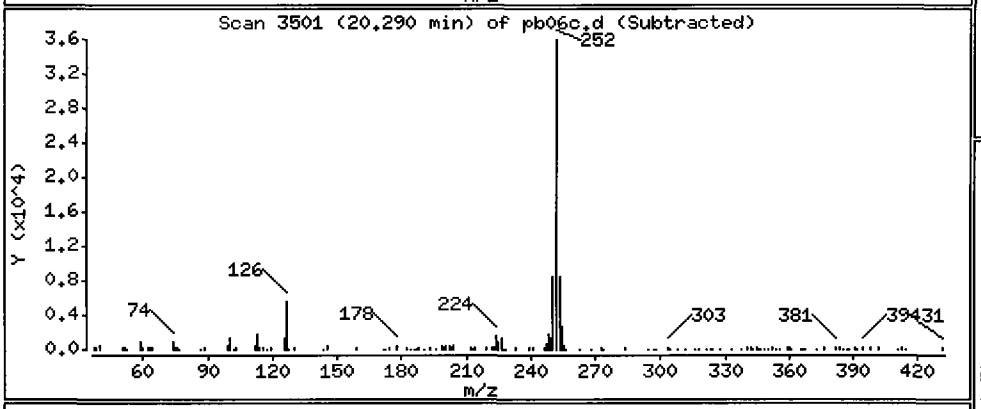
Column diameter: 0.32

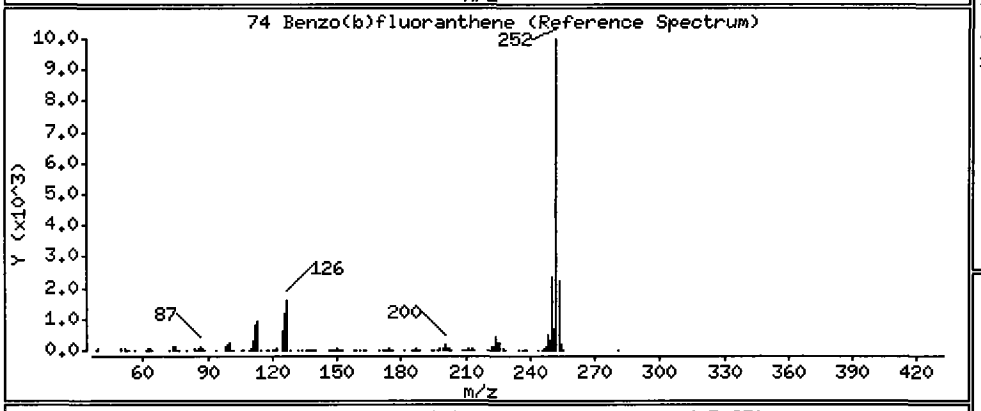
1/2

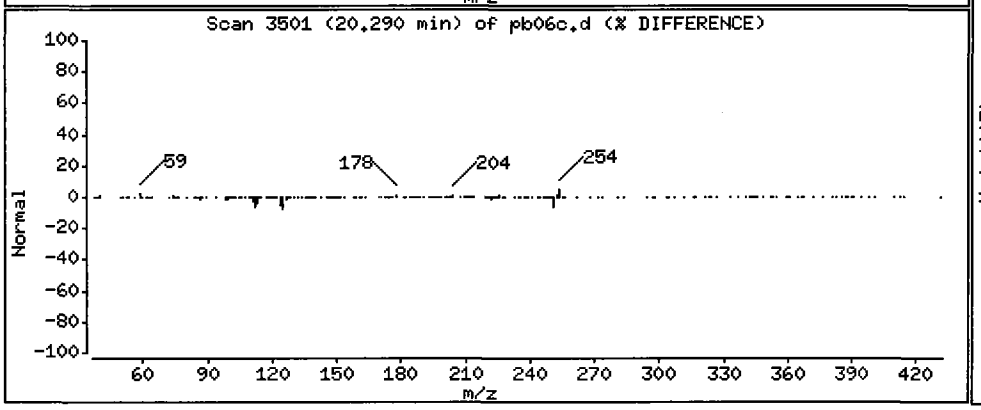
74 Benzo(b)fluoranthene

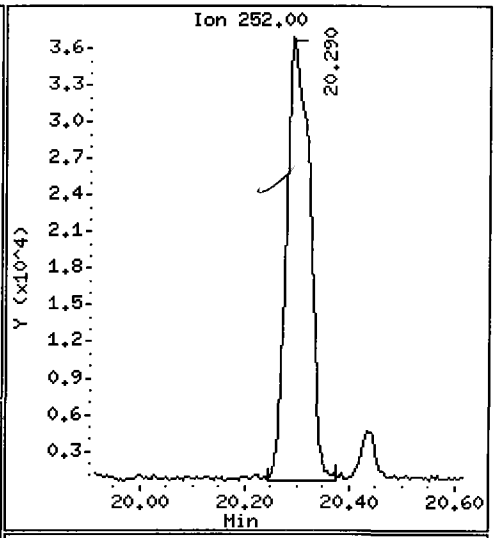
Concentration: 64.31 ug/kg

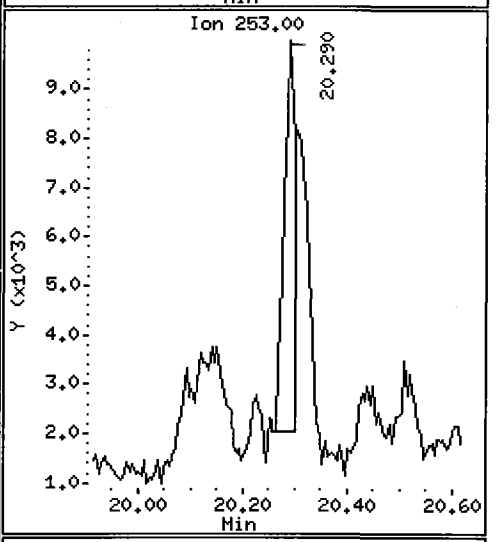


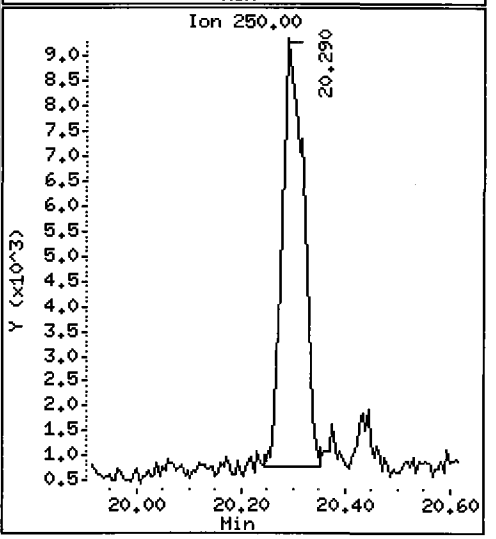












Data File: /chem1/nt6.i/20090611a.b/pb06c.d

Date : 11-JUN-2009 22:35

Client ID: BW-03-SS-090602

Instrument: nt6.i

Sample Info: PB06C

Volume Injected (uL): 1.0

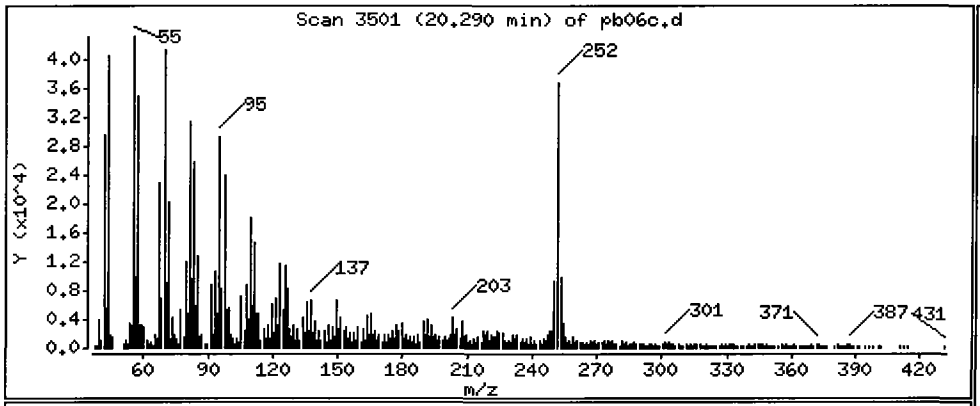
Operator: LJR/VTS

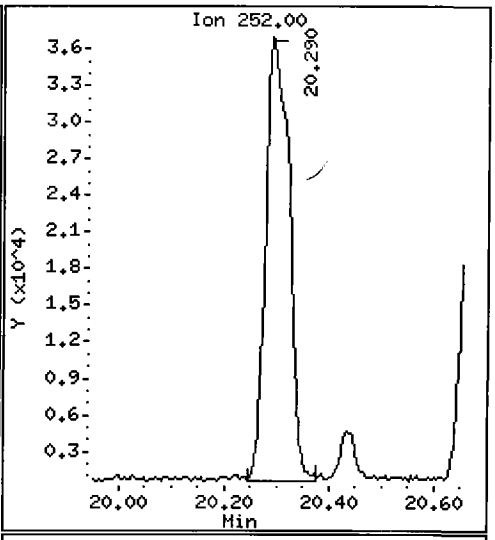
Column phase: ZB-5

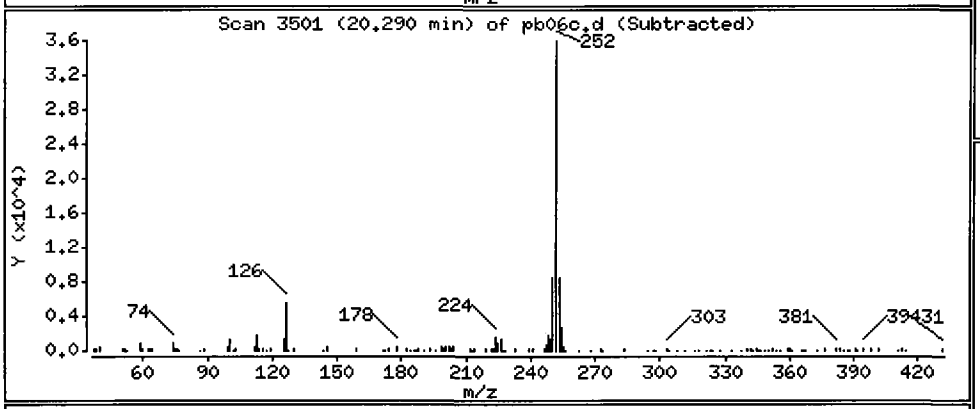
Column diameter: 0.32

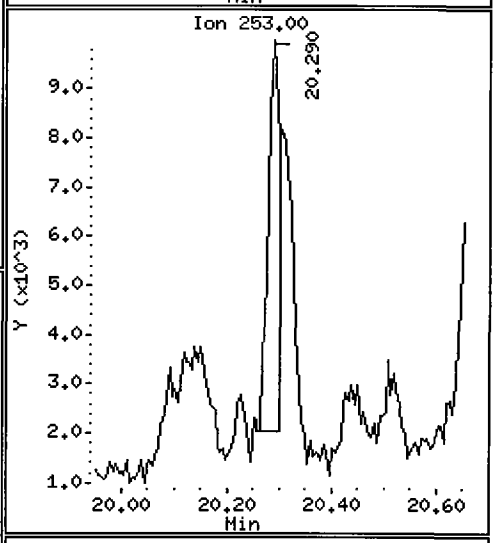
75 Benzo(k)fluoranthene

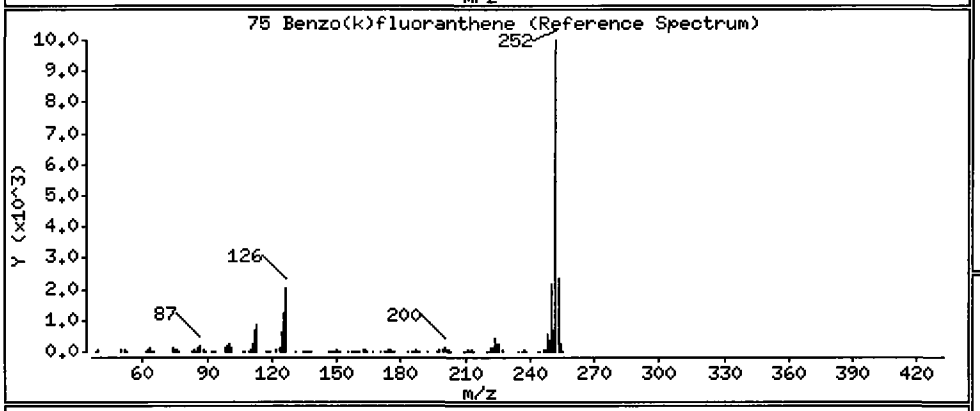
Concentration: 62.61 ug/kg

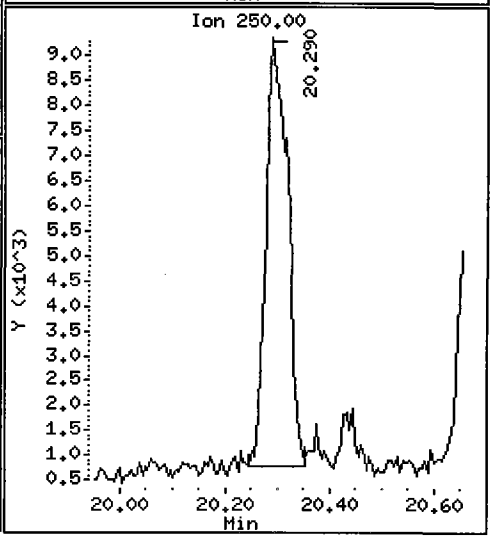


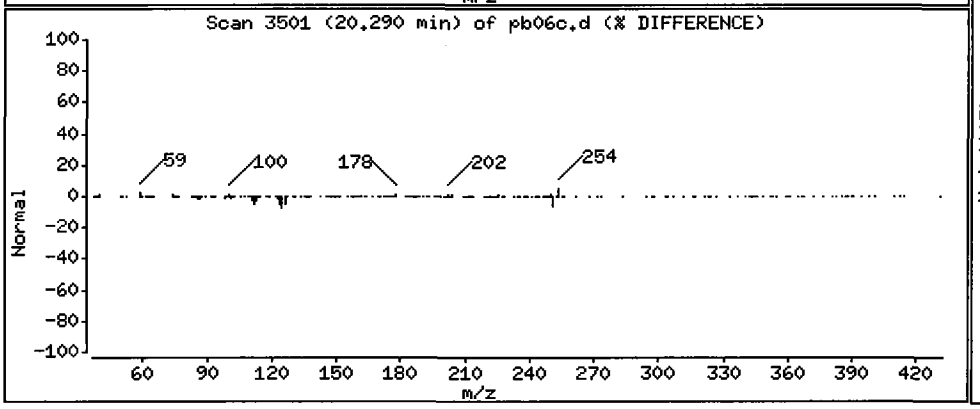












Data File: /chem1/nt6.i/20090611a.b/pb06c.d

Date : 11-JUN-2009 22:35

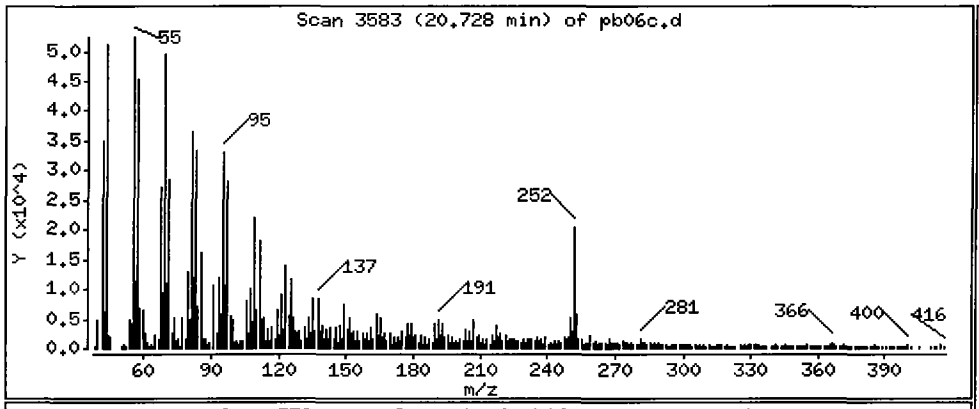
Client ID: BW-03-SS-090602 Instrument: nt6.i

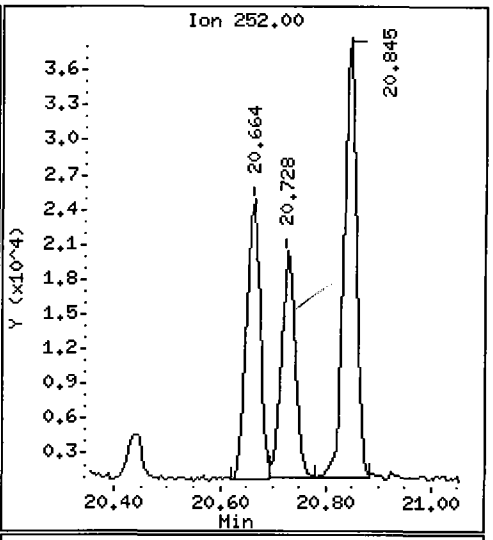
Sample Info: PB06C

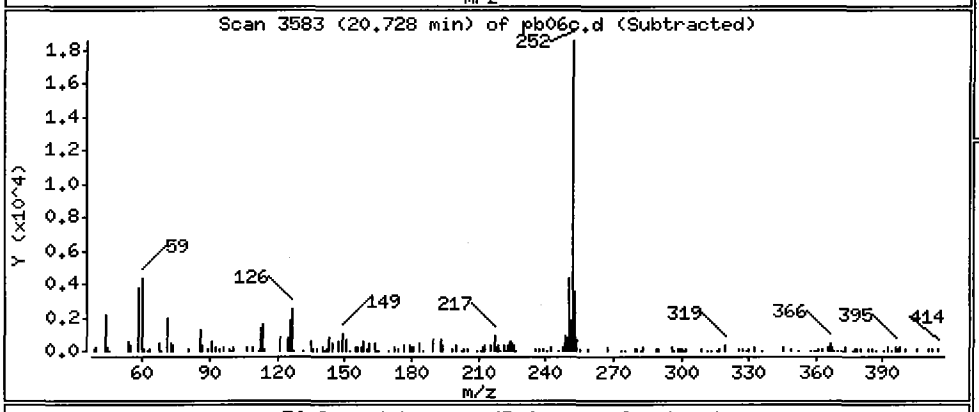
Volume Injected (uL): 1.0 Operator: LJR/VTS

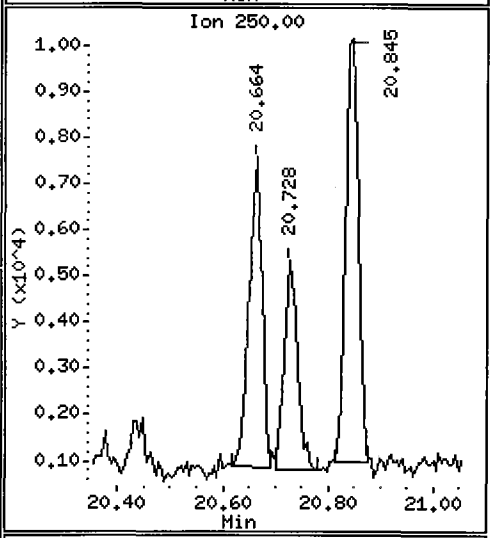
Column phase: ZB-5 Column diameter: 0.32

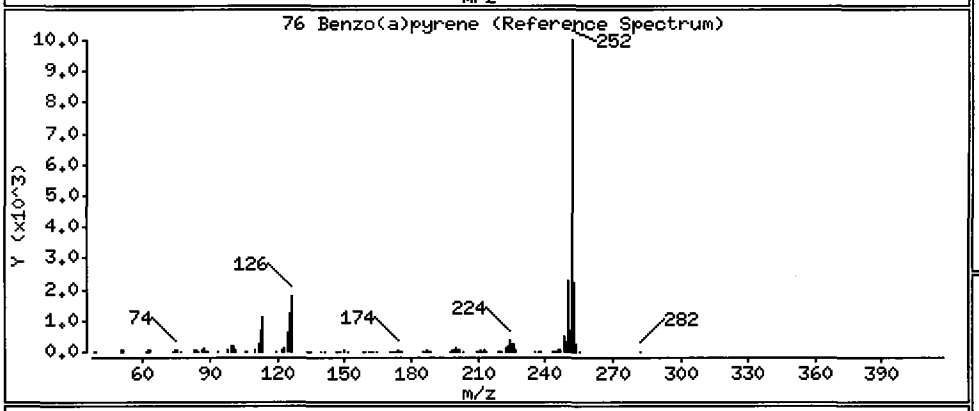
76 Benzo(a)pyrene Concentration: 22.58 ug/kg

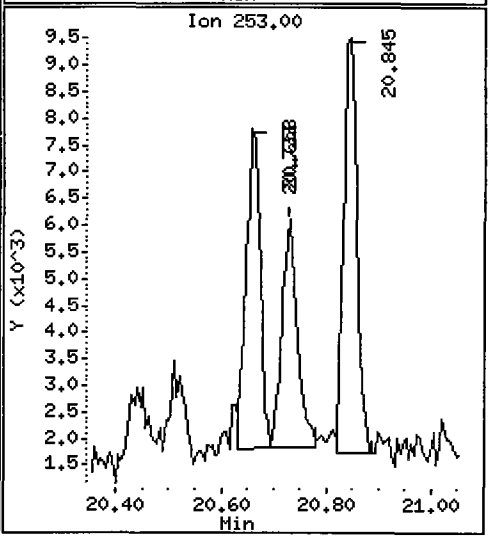


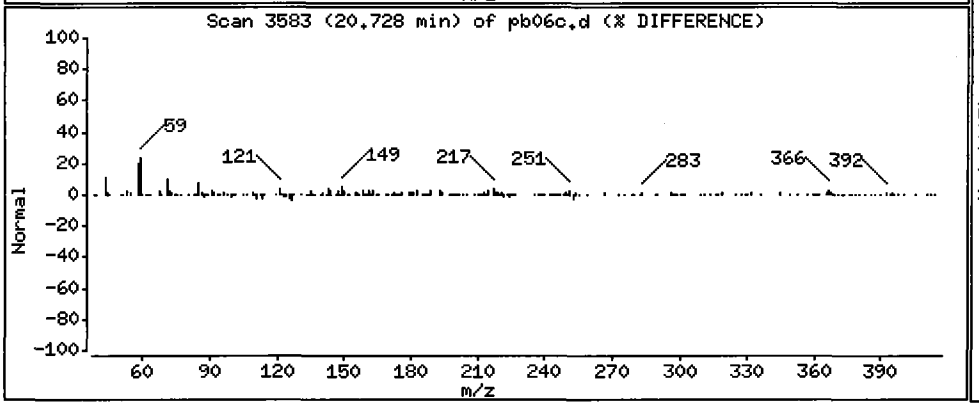












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: BW-03-SS-090602
DILUTION

Lab Sample ID: PB06C
LIMS ID: 09-12544
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/16/09 01:00
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 5.00
Percent Moisture: 52.4%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	98	< 98 U
541-73-1	1,3-Dichlorobenzene	98	< 98 U
106-46-7	1,4-Dichlorobenzene	98	< 98 U
100-51-6	Benzyl Alcohol	98	< 98 U
95-50-1	1,2-Dichlorobenzene	98	< 98 U
95-48-7	2-Methylphenol	98	< 98 U
106-44-5	4-Methylphenol	98	< 98 U
105-67-9	2,4-Dimethylphenol	98	< 98 U
65-85-0	Benzoic Acid	980	< 980 U
120-82-1	1,2,4-Trichlorobenzene	98	< 98 U
91-20-3	Naphthalene	98	< 98 U
87-68-3	Hexachlorobutadiene	98	< 98 U
91-57-6	2-Methylnaphthalene	98	< 98 U
131-11-3	Dimethylphthalate	98	< 98 U
208-96-8	Acenaphthylene	98	< 98 U
83-32-9	Acenaphthene	98	< 98 U
132-64-9	Dibenzofuran	98	< 98 U
84-66-2	Diethylphthalate	98	< 98 U
86-73-7	Fluorene	98	< 98 U
86-30-6	N-Nitrosodiphenylamine	98	< 98 U
118-74-1	Hexachlorobenzene	98	< 98 U
87-86-5	Pentachlorophenol	490	< 490 U
85-01-8	Phenanthrene	98	< 98 U
120-12-7	Anthracene	98	< 98 U
84-74-2	Di-n-Butylphthalate	98	< 98 U
206-44-0	**Fluoranthene**	**98**	**78 J**
129-00-0	**Pyrene**	**98**	**50 J**
85-68-7	Butylbenzylphthalate	98	< 98 U
56-55-3	Benzo(a)anthracene	98	< 98 U
117-81-7	bis(2-Ethylhexyl)phthalate	98	< 98 U
218-01-9	**Chrysene**	**98**	**57 J**
117-84-0	Di-n-Octyl phthalate	98	< 98 U
205-99-2	Benzo(b)fluoranthene	98	< 98 U
207-08-9	Benzo(k)fluoranthene	98	< 98 U
50-32-8	Benzo(a)pyrene	98	< 98 U
193-39-5	Indeno(1,2,3-cd)pyrene	98	< 98 U
53-70-3	Dibenz(a,h)anthracene	98	< 98 U
191-24-2	Benzo(g,h,i)perylene	98	< 98 U
90-12-0	1-Methylnaphthalene	98	< 98 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.4%	2-Fluorobiphenyl	67.8%
d14-p-Terphenyl	58.4%	d4-1,2-Dichlorobenzene	54.8%
d5-Phenol	60.8%	2-Fluorophenol	62.8%
2,4,6-Tribromophenol	69.3%	d4-2-Chlorophenol	58.3%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/pb06cdl.d
Lab Smp Id: PB06C Client Smp ID: BW-03-SS-090602
Inj Date : 16-JUN-2009 01:00
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB06C,5
Misc Info : 09-12544
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:41 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 20
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJK 6/16/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	53.50000	Weight of sample extracted (g)
M	52.40000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.795	4.782	(0.700)	35437	4.71281	462.7
$	2 Phenol-d5	99	6.542	6.534	(0.956)	46040	4.55957	447.6
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.558	6.555	(0.958)	26913	4.37395	429.4
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	6.846	6.849	(1.000)	91205	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.151	7.148	(1.044)	12428	2.73650	268.6
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	7.808	7.810	(0.876)	28828	3.01623	296.1
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	8.913	8.916	(1.000)	311206	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	10.729	10.732	(0.913)	42725	3.38753	332.6
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	11.749	11.747	(1.000)	169801	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.031	13.034	(1.109)	8412	5.19566	510.1
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.083	14.081	(1.000)	259291	20.0000	
	60 Phenanthrene	178	Compound Not Detected.					
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.017	16.025	(1.137)	13255	0.78887 EDL	77.44
65	Pyrene	202	16.359	16.361	(0.892)	12690	0.51121	50.19
$ 66	Terphenyl-d14	244	16.732	16.730	(0.913)	46757	2.92157	286.8
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	18.335	18.338	(1.000)	299639	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.372	18.375	(1.002)	12255	0.57873 EDL	56.81
72	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
* 134	Di-n-octylphthalate-d4	153	19.601	19.603	(1.000)	420227	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	19.937	19.945	(0.974)	14814	0.61363 JT	~~60.24~~ 0.303 EMPC
75	Benzo(k)fluoranthene	252	19.937	19.977	(0.974)	14814	0.59743	~~58.65~~ 0.303 EMPC
76	Benzo(a)pyrene	252	Compound Not Detected.					
* 77	Perylene-d12	264	20.460	20.453	(1.000)	333147	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb06cdl.d
Lab Smp Id: PB06C
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12544

Calibration Date: 15-JUN-2009
Calibration Time: 14:39
Client Smp ID: BW-03-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	91205	-18.85
27 Naphthalene-d8	384492	192246	768984	311206	-19.06
42 Acenaphthene-d10	217478	108739	434956	169801	-21.92
59 Phenanthrene-d10	336594	168297	673188	259291	-22.97
69 Chrysene-d12	247160	123580	494320	299639	21.23
134 Di-n-octylphthala	347036	173518	694072	420227	21.09
77 Perylene-d12	232938	116469	465876	333147	43.02

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.85	-0.04
27 Naphthalene-d8	8.92	8.42	9.42	8.91	-0.03
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	0.02
59 Phenanthrene-d10	14.08	13.58	14.58	14.08	0.02
69 Chrysene-d12	18.34	17.84	18.84	18.33	-0.02
134 Di-n-octylphthala	19.60	19.10	20.10	19.60	-0.01
77 Perylene-d12	20.45	19.95	20.95	20.46	0.04

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

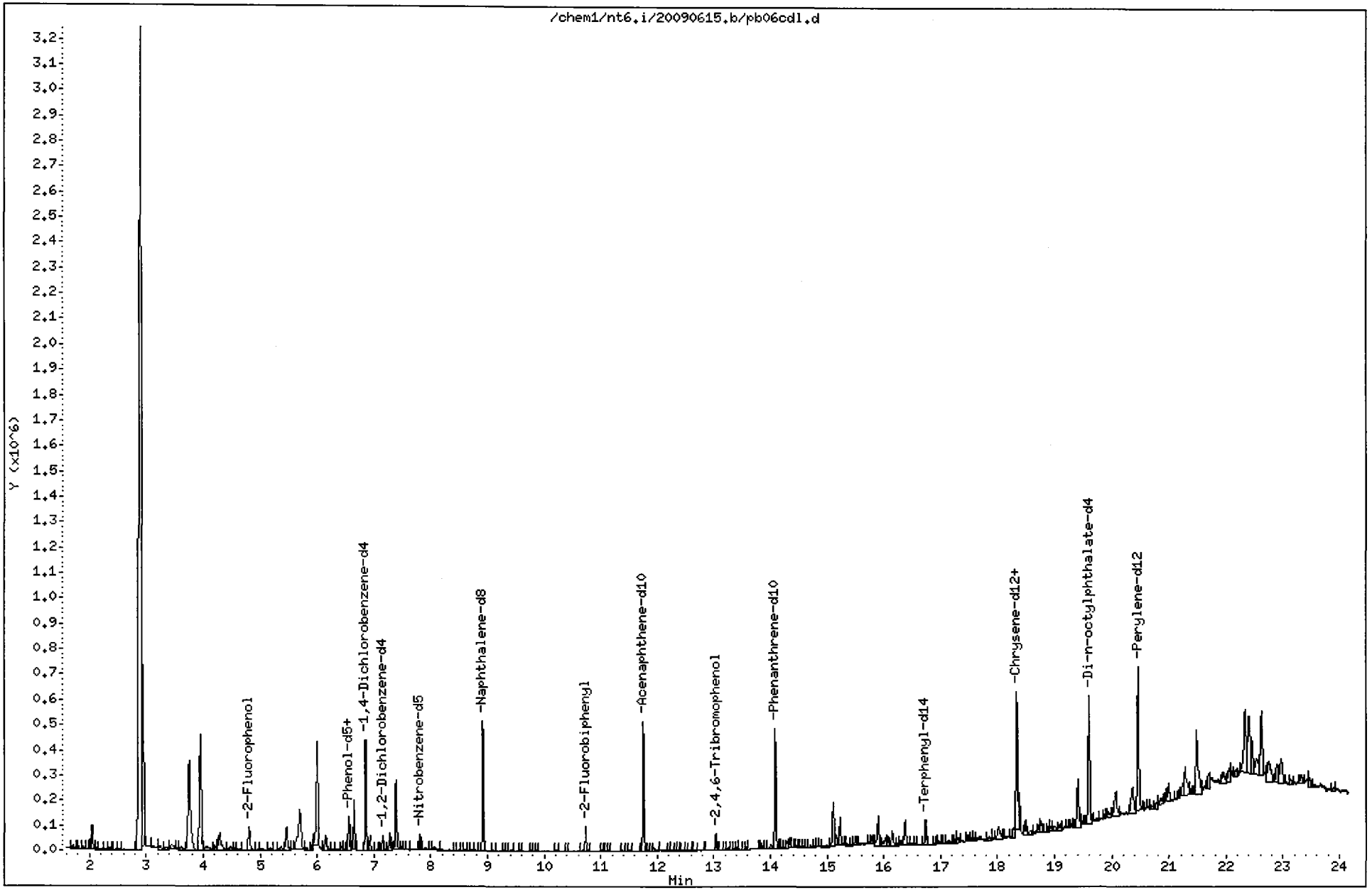
Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06C
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12544

Client SDG: PB06
Fraction: SV
Client Smp ID: BW-03-SS-090602
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	736.3	462.7	62.84	21-100
$ 2 Phenol-d5	736.3	447.6	60.79	10-100
$ 5 2-Chlorophenol-d4	736.3	429.4	58.32	30-100
$ 10 1,2-Dichlorobenzen	490.9	268.6	54.73	24-100
$ 18 Nitrobenzene-d5	490.9	296.1	60.32	26-100
$ 36 2-Fluorobiphenyl	490.9	332.6	67.75	32-100
$ 55 2,4,6-Tribromophen	736.3	510.1	69.28	33-118
$ 66 Terphenyl-d14	490.9	286.8	58.43	21-97

Data File: /chem1/nt6.i/20090615.b/pb06cdl.d
Date : 16-JUN-2009 01:00
Client ID: BW-03-SS-090602
Sample Info: PB06C,5
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem1/nt6.i/20090615.b/pb06cdl.d

Date : 16-JUN-2009 01:00

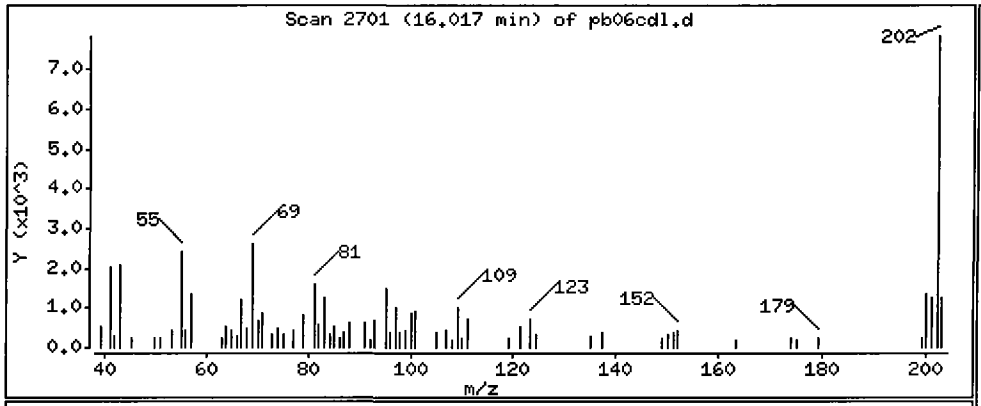
Client ID: BW-03-SS-090602 Instrument: nt6.i

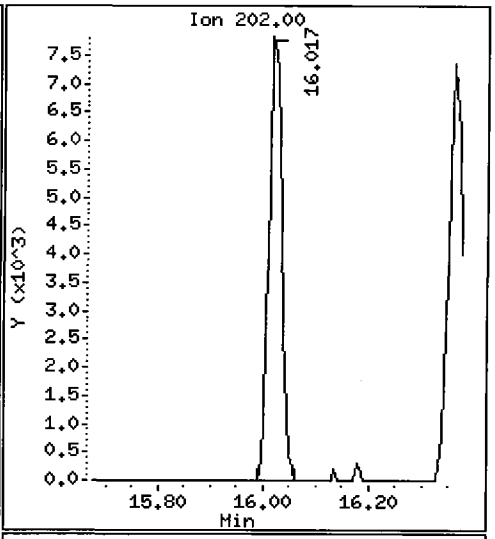
Sample Info: PB06C,5

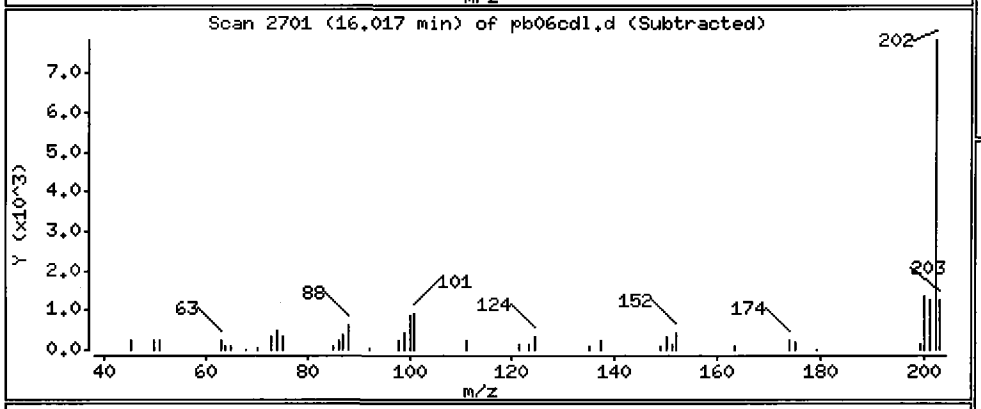
Volume Injected (uL): 1.0 Operator: LJR/VTS

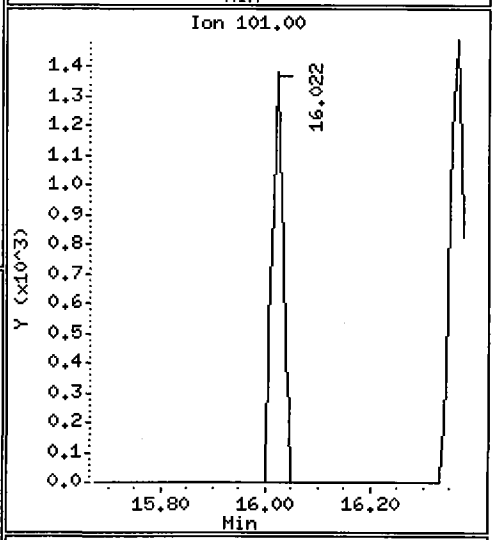
Column phase: ZB-5 Column diameter: 0.32

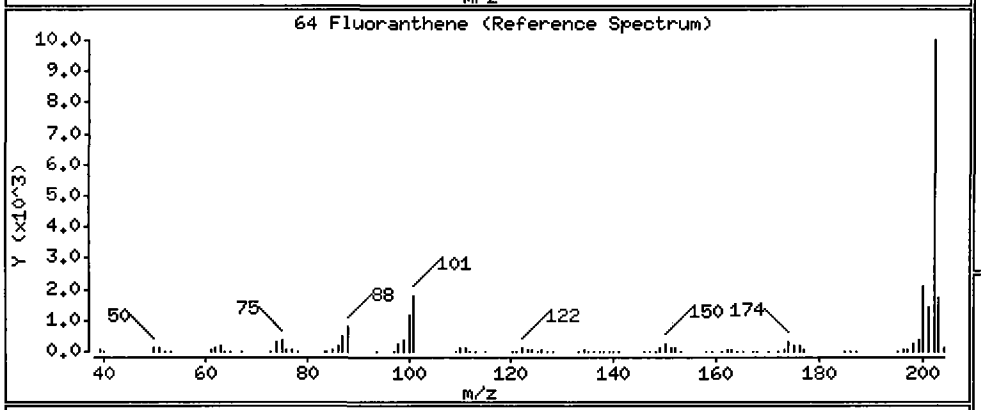
64 Fluoranthene Concentration: 77.44 ug/kg

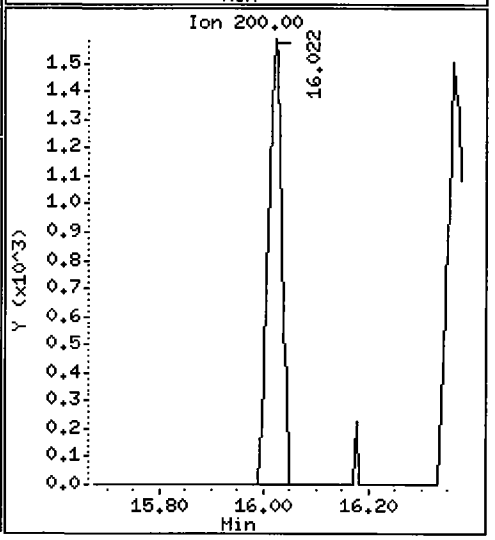


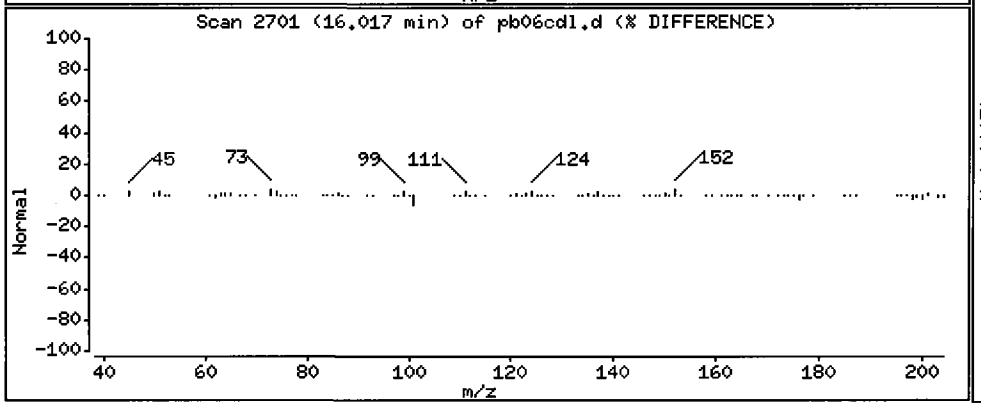












Data File: /chem1/nt6.i/20090615.b/pb06cdl.d

Date : 16-JUN-2009 01:00

Client ID: BW-03-SS-090602

Instrument: nt6.i

Sample Info: PB06C,5

Volume Injected (uL): 1.0

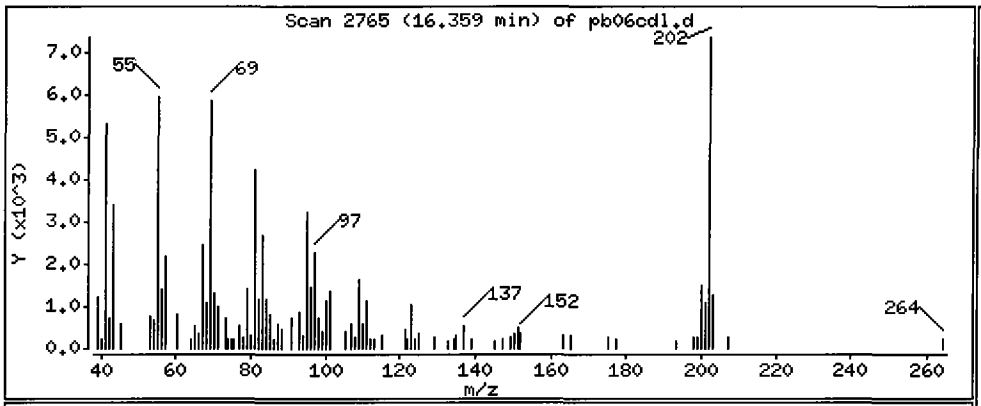
Operator: LJR/VTS

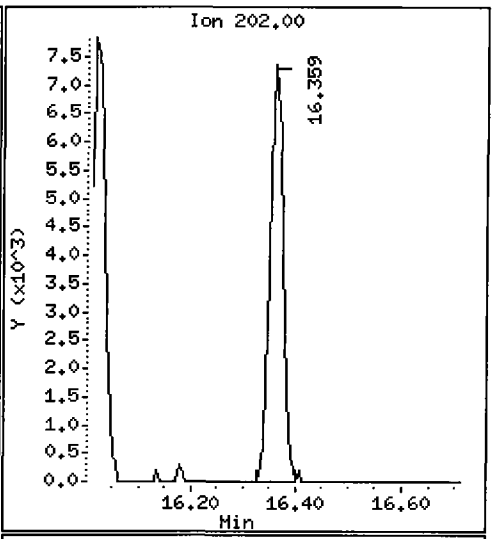
Column phase: ZB-5

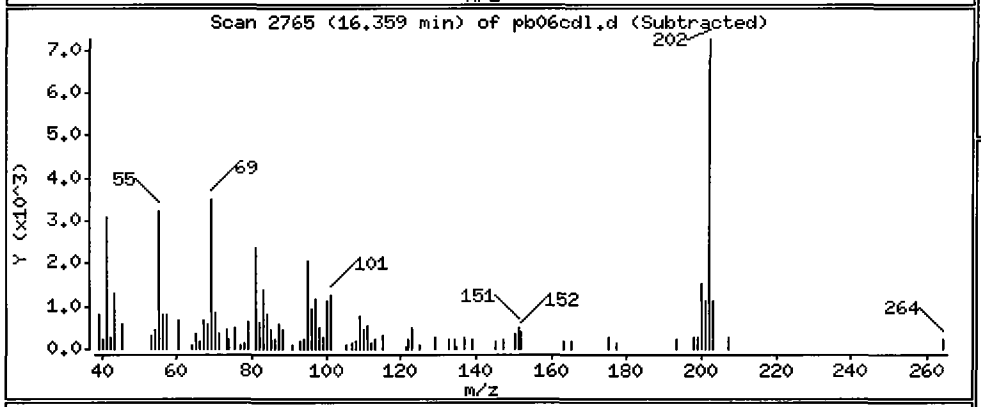
Column diameter: 0.32

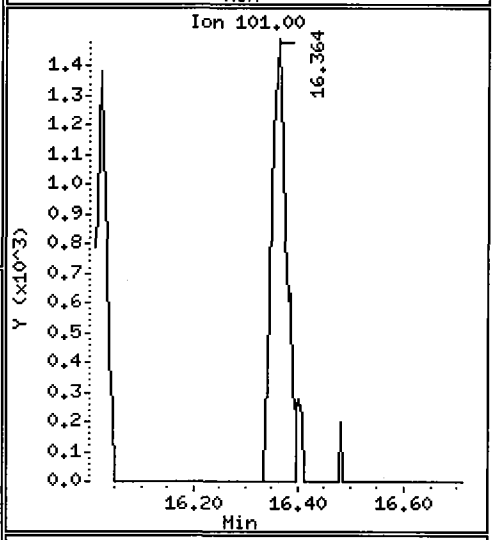
65 Pyrene

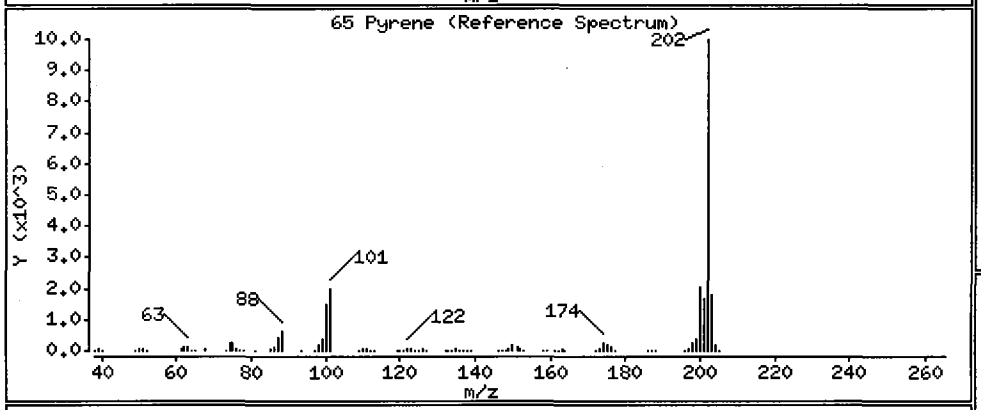
Concentration: 50.19 ug/kg

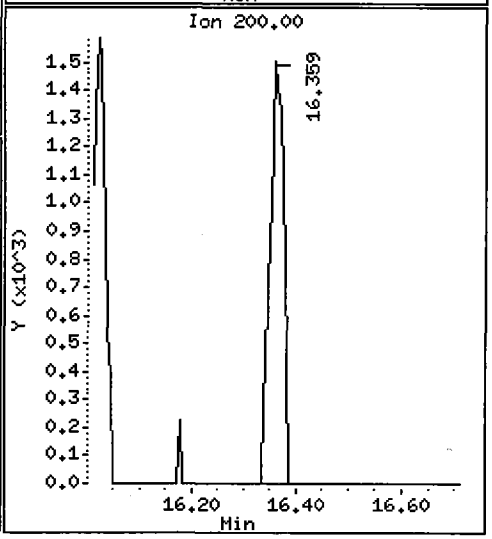


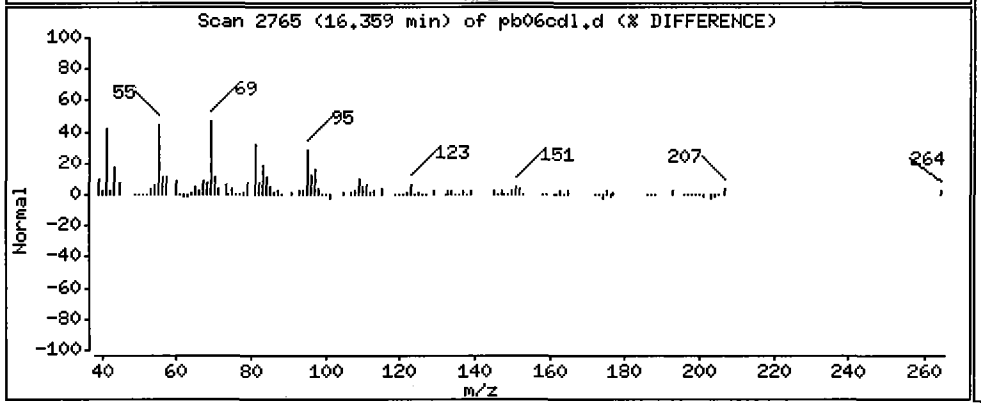












Data File: /chem1/nt6.i/20090615.b/pb06cdl.d

Date : 16-JUN-2009 01:00

Client ID: BW-03-SS-090602

Instrument: nt6.i

Sample Info: PB06C,5

Volume Injected (uL): 1.0

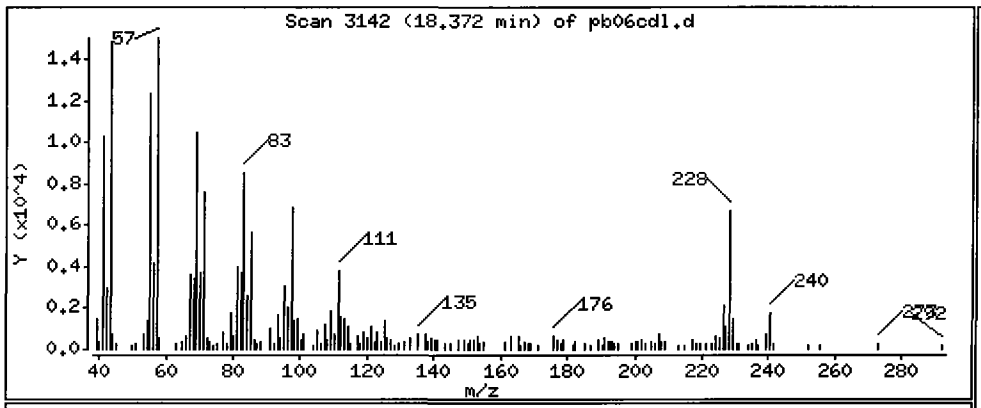
Operator: LJR/VTS

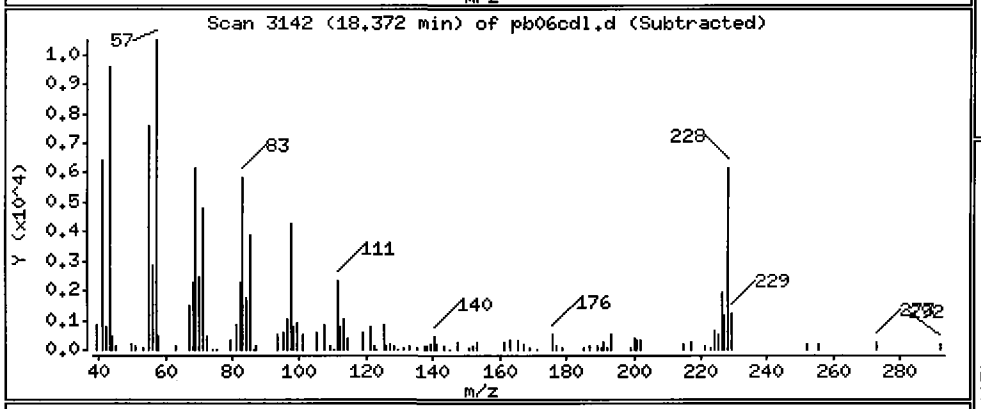
Column phase: ZB-5

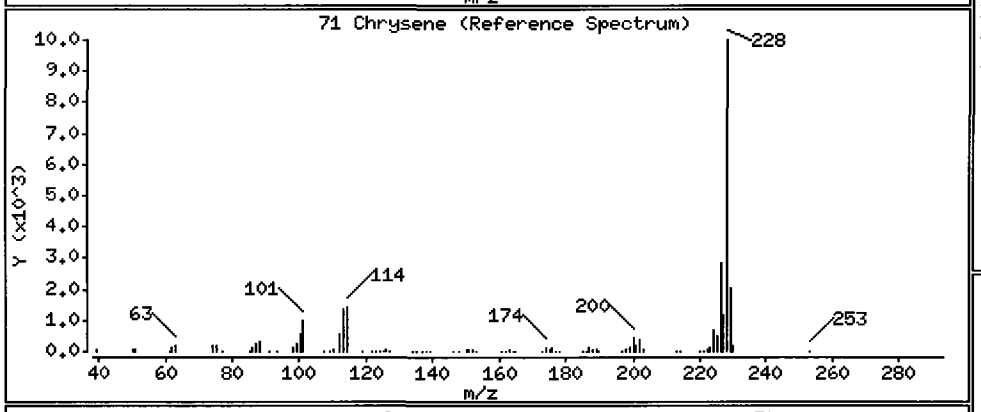
Column diameter: 0.32

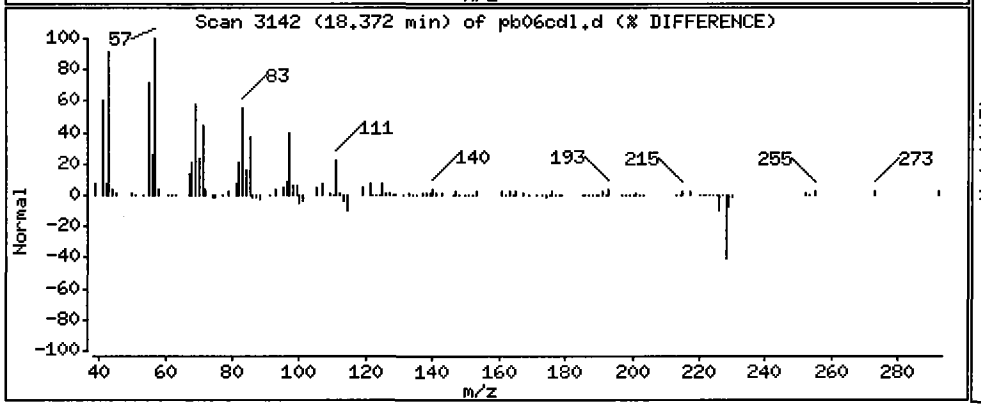
71 Chrysene

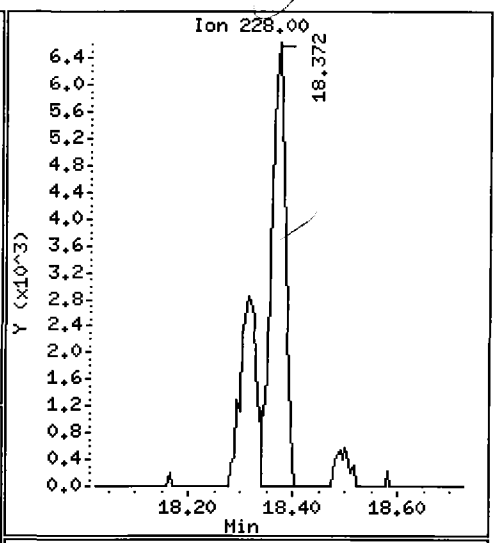
Concentration: 56.81 ug/kg

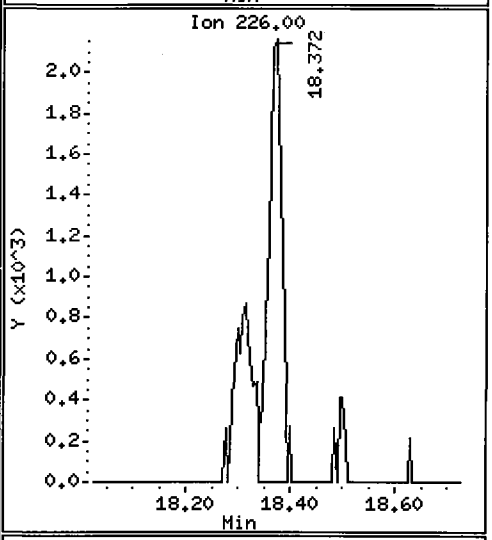


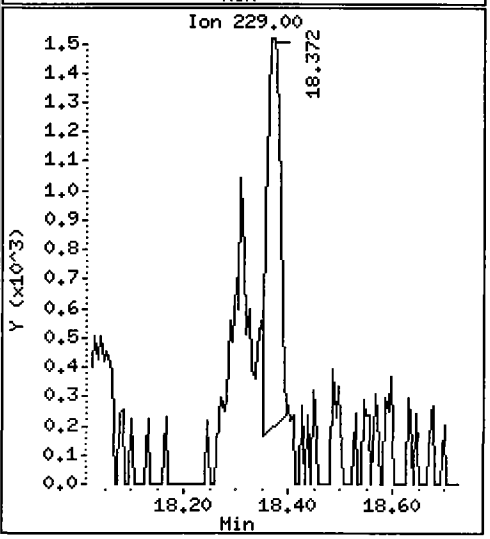












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: BW-07-SS-090602
SAMPLE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 23:08
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	**Naphthalene**	**20**	**11 J**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**14 J**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**61**
120-12-7	**Anthracene**	**20**	**170**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**360**
129-00-0	**Pyrene**	**20**	**180**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**85**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**260**
218-01-9	**Chrysene**	**20**	**290**
117-84-0	**Di-n-Octyl phthalate**	**20**	**16 J**
205-99-2	**Benzo(b)fluoranthene**	**20**	**110**
207-08-9	**Benzo(k)fluoranthene**	**20**	**110**
50-32-8	**Benzo(a)pyrene**	**20**	**82**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**25**
53-70-3	**Dibenz(a,h)anthracene**	**20**	**11 J**
191-24-2	**Benzo(g,h,i)perylene**	**20**	**29**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	68.4%	2-Fluorobiphenyl	72.0%
d14-p-Terphenyl	58.4%	d4-1,2-Dichlorobenzene	59.6%
d5-Phenol	71.2%	2-Fluorophenol	70.9%
2,4,6-Tribromophenol	92.0%	d4-2-Chlorophenol	68.5%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611a.b/pb06g.d
Lab Smp Id: PB06G Client Smp ID: BW-07-SS-090602
Inj Date : 11-JUN-2009 23:08
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB06G
Misc Info : 09-12548
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611a.b/SW846.m
Meth Date : 12-Jun-2009 10:27 van Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	36.10000	Weight of sample extracted (g)
M	29.70000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.139	5.102	(0.720)	196393	26.6492	525.0
$	2 Phenol-d5	99	6.838	6.784	(0.957)	264158	26.6924	525.9
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.859	6.838	(0.960)	154965	25.6969	506.3
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.142	7.131	(1.000)	89389	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.441	7.431	(1.042)	66194	14.8713	293.0
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	17 Hexachloroethane	117	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.093	8.082	(0.880)	160597	17.1108	337.1
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.199	9.193	(1.000)	305608	20.0000	
	28 Naphthalene	128	9.225	9.220	(1.003)	10139	0.55808	11.00 J
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.009	11.004	(0.914)	240304	17.9669	354.0
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.040	12.035	(1.000)	180065	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	12.905	12.894	(1.072)	9669	0.72433	14.27 J
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.333	13.322	(1.107)	59266	34.5190	680.1
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.396	14.379	(1.000)	330349	20.0000	
	60 Phenanthrene	178	14.428	14.417	(1.002)	64981	3.09906	61.06
	61 Anthracene	178	14.497	14.486	(1.007)	182177	8.57008	168.8

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
62	Carbazole	167	14.807	14.791	(1.029)	18320	1.04875	20.66
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.366	16.329	(1.137)	395573	18.4786	364.1
65	Pyrene	202	16.703	16.671	(0.894)	372961	8.90216	175.4
$ 66	Terphenyl-d14	244	17.055	17.028	(0.913)	394613	14.6094	287.8
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	18.663	18.625	(0.999)	161207	4.31894	85.09
* 69	Chrysene-d12	240	18.684	18.652	(1.000)	505717	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.722	18.690	(1.002)	529348	14.8113	291.8
72	bis(2-Ethylhexyl)phthalate	149	18.989	18.957	(0.953)	294098	13.1271	258.6
* 134	Di-n-octylphthalate-d4	153	19.924	19.891	(1.000)	722353	20.0000	
73	Di-n-octylphthalate	149	19.934	19.897	(1.001)	31198	0.80124	15.79(M)
74	Benzo(b)fluoranthene	252	20.313	20.265	(0.975)	417808	~~11.1838~~	220.3
75	Benzo(k)fluoranthene	252	20.313	20.303	(0.975)	417804	~~10.8885~~	214.5
76	Benzo(a)pyrene	252	20.751	20.703	(0.996)	140720	4.16113	81.98
* 77	Perylene-d12	264	20.837	20.783	(1.000)	515528	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.188	22.135	(1.065)	58351	1.29434	25.50
79	Dibenzo(a,h)anthracene	278	22.210	22.161	(1.066)	18999	0.55512	10.94(M)
80	Benzo(g,h,i)perylene	276	22.493	22.428	(1.079)	57508	1.45962	28.76
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

(out of ~~11~~)

(out of ~~11~~)

5.52

5.52

(out of ~~11~~)

QC Flag Legend

M - Compound response manually integrated.

VTS
6.12.2009

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb06g.d
Lab Smp Id: PB06G
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12548

Calibration Date: 11-JUN-2009
Calibration Time: 15:29
Client Smp ID: BW-07-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	89389	-20.46
27 Naphthalene-d8	384492	192246	768984	305608	-20.52
42 Acenaphthene-d10	217478	108739	434956	180065	-17.20
59 Phenanthrene-d10	336594	168297	673188	330349	-1.86
69 Chrysene-d12	247160	123580	494320	505717	104.61 <-
134 Di-n-octylphthala	347036	173518	694072	722353	108.15 <-
77 Perylene-d12	232938	116469	465876	515528	121.32 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.14	0.15
27 Naphthalene-d8	9.19	8.69	9.69	9.20	0.06
42 Acenaphthene-d10	12.03	11.53	12.53	12.04	0.05
59 Phenanthrene-d10	14.38	13.88	14.88	14.40	0.11
69 Chrysene-d12	18.65	18.15	19.15	18.68	0.17
134 Di-n-octylphthala	19.89	19.39	20.39	19.92	0.16
77 Perylene-d12	20.78	20.28	21.28	20.84	0.26

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06G
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12548

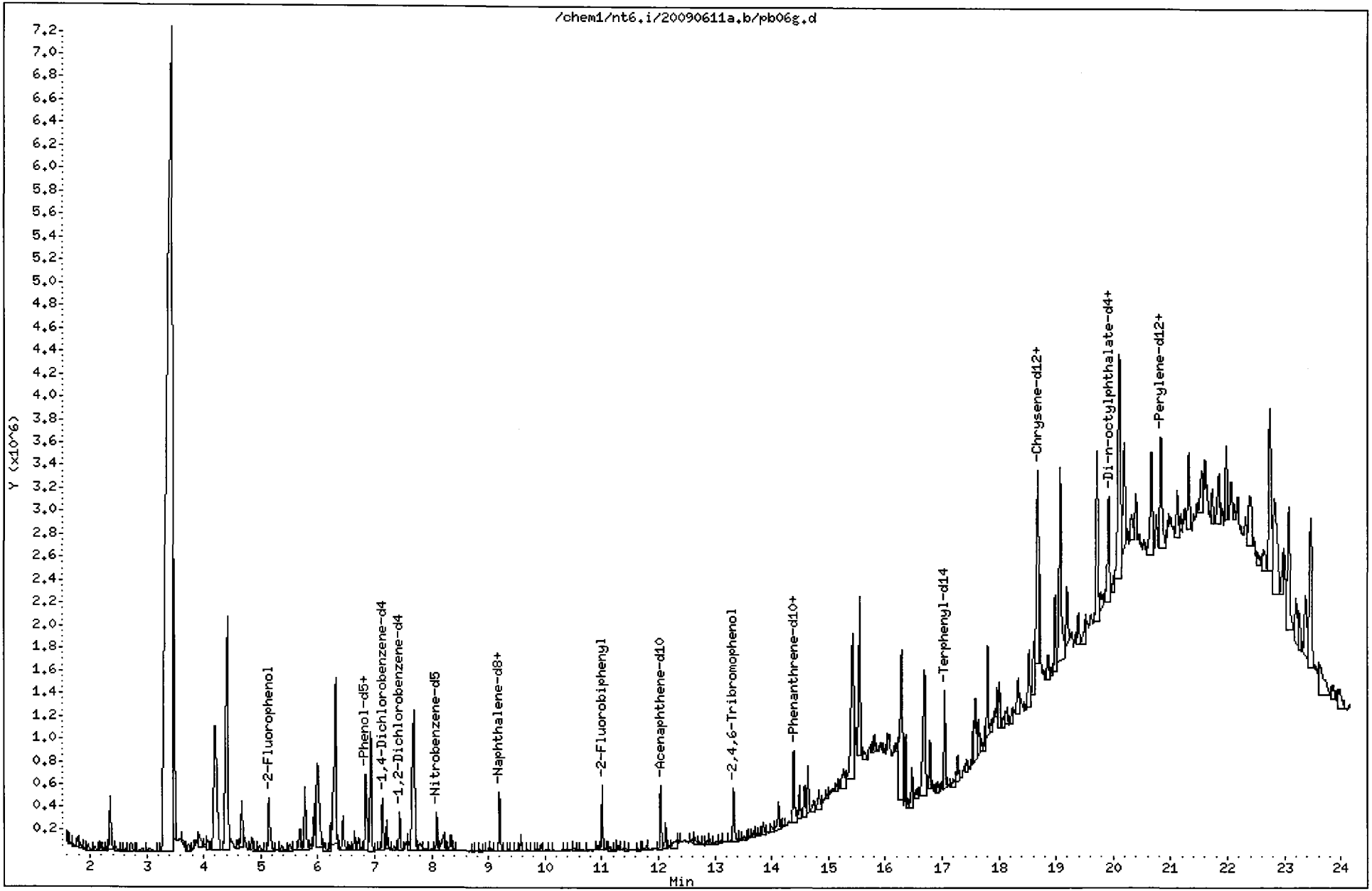
Client SDG: PB06
Fraction: SV
Client Smp ID: BW-07-SS-090602
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	738.8	525.0	71.06	21-100
$ 2 Phenol-d5	738.8	525.9	71.18	10-100
$ 5 2-Chlorophenol-d4	738.8	506.3	68.53	30-100
$ 10 1,2-Dichlorobenzen	492.5	293.0	59.49	24-100
$ 18 Nitrobenzene-d5	492.5	337.1	68.44	26-100
$ 36 2-Fluorobiphenyl	492.5	354.0	71.87	32-100
$ 55 2,4,6-Tribromophen	738.8	680.1	92.05	33-118
$ 66 Terphenyl-d14	492.5	287.8	58.44	21-97

Data File: /chem1/nt6.i/20090611a.b/pb06g.d
Date : 11-JUN-2009 23:08
Client ID: BW-07-SS-090602
Sample Info: PB06G
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem1/nt6.i/20090611a.b/pb06g.d

Date : 11-JUN-2009 23:08

Client ID: BW-07-SS-090602

Instrument: nt6.i

Sample Info: PB06G

Volume Injected (uL): 1.0

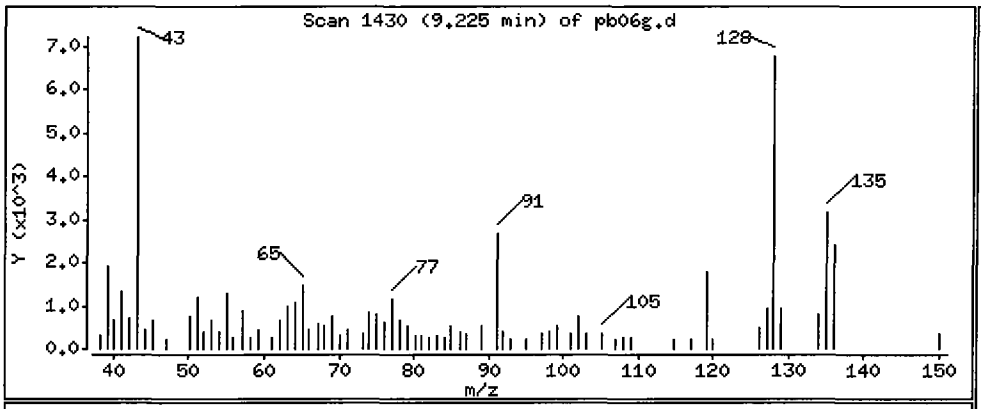
Operator: LJR/VTS

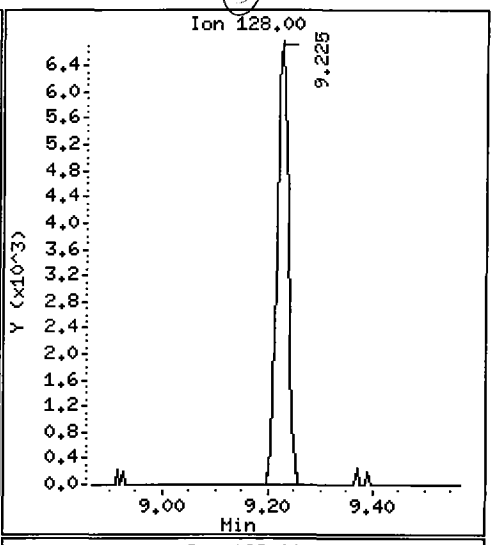
Column phase: ZB-5

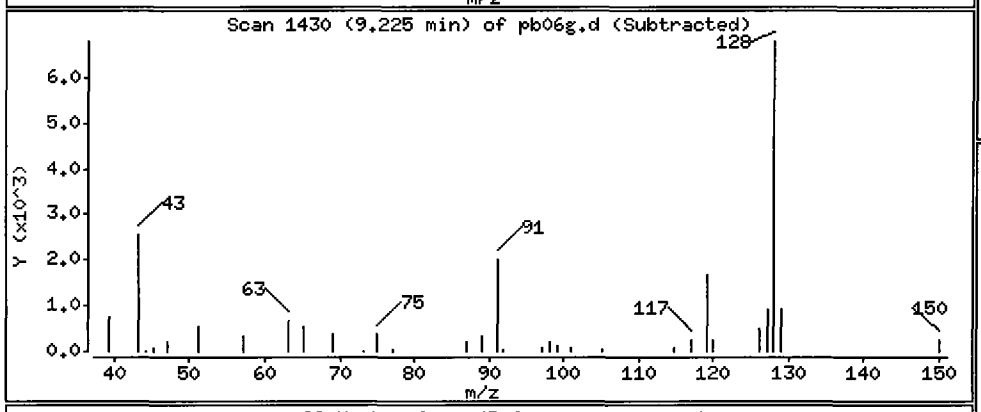
Column diameter: 0.32

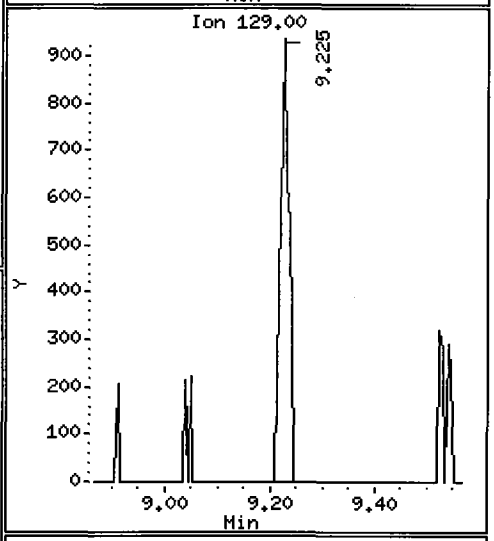
28 Naphthalene

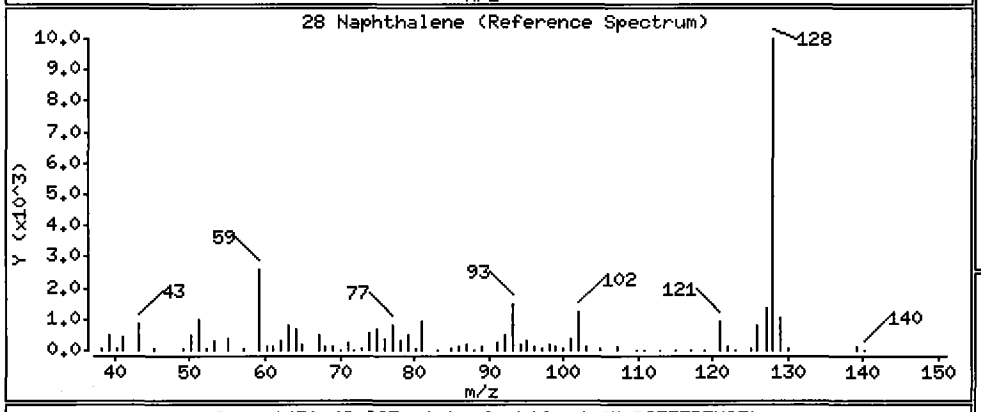
Concentration: 11.00 ug/kg

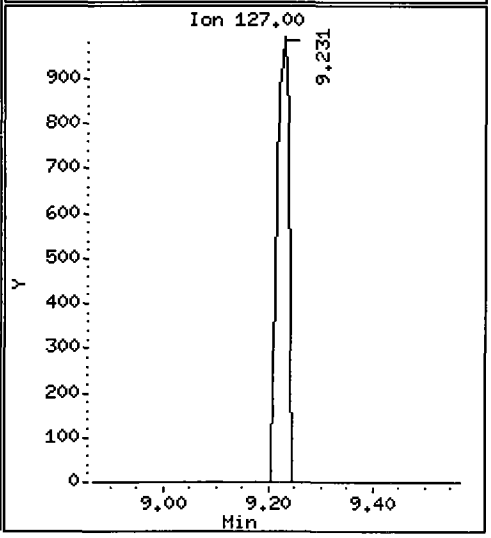


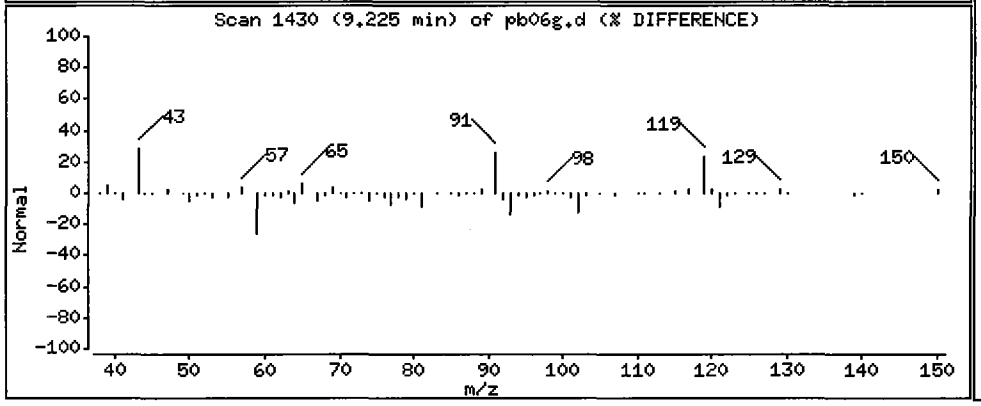












Data File: /chem1/nt6.i/20090611a.b/pb06g.d

Date : 11-JUN-2009 23:08

Client ID: BW-07-SS-090602

Instrument: nt6.i

Sample Info: PB06G

Volume Injected (uL): 1.0

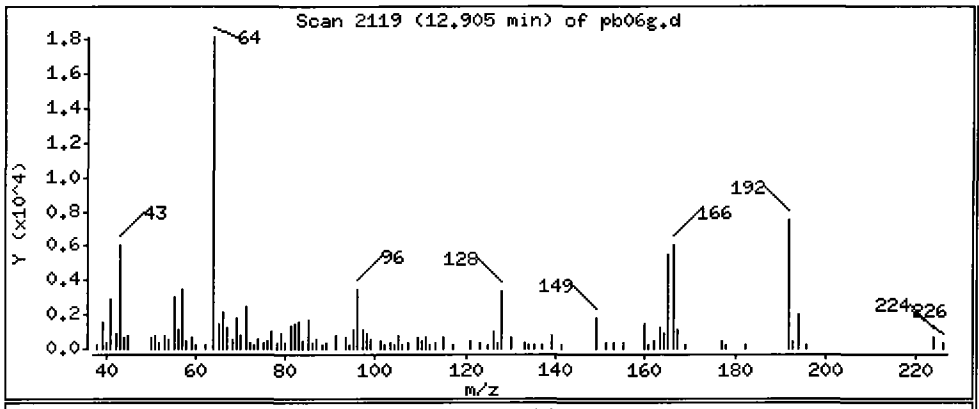
Operator: LJR/VTS

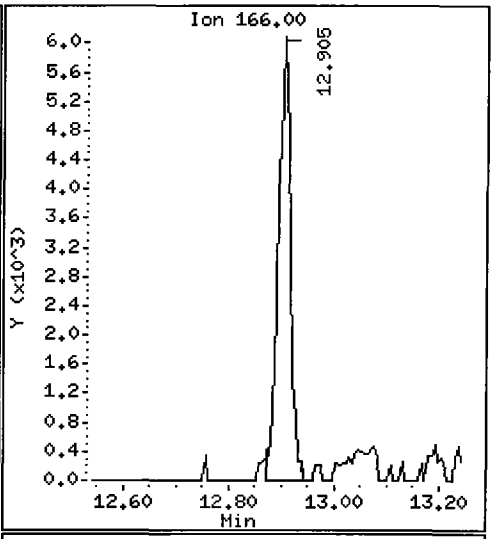
Column phase: ZB-5

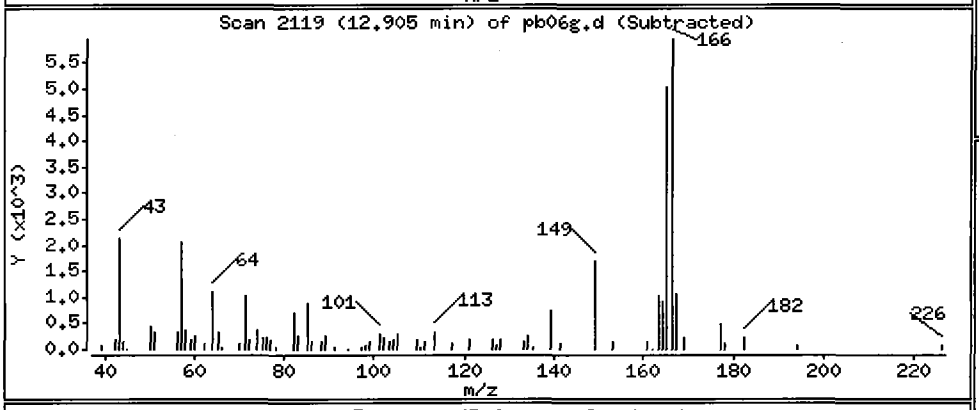
Column diameter: 0.32

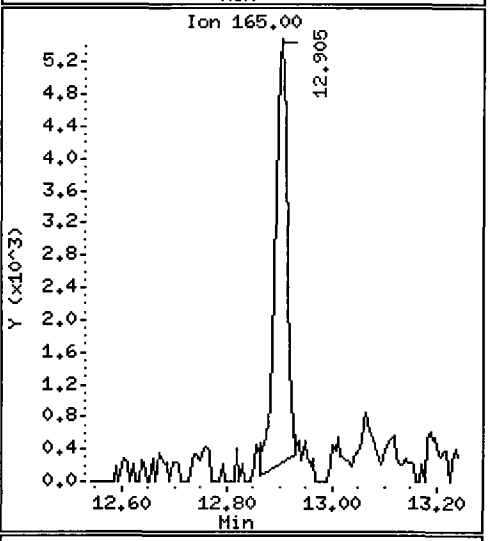
49 Fluorene

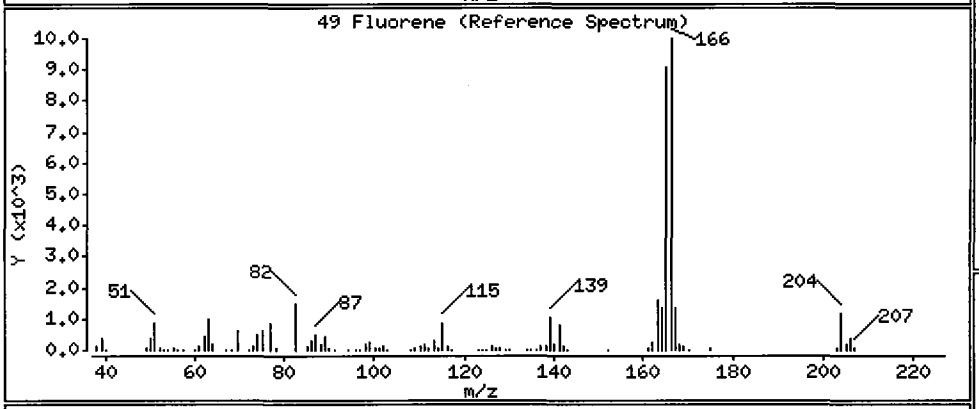
Concentration: 14.27 ug/kg

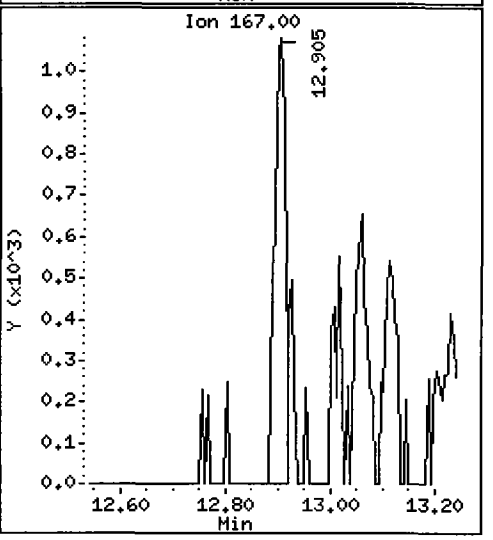


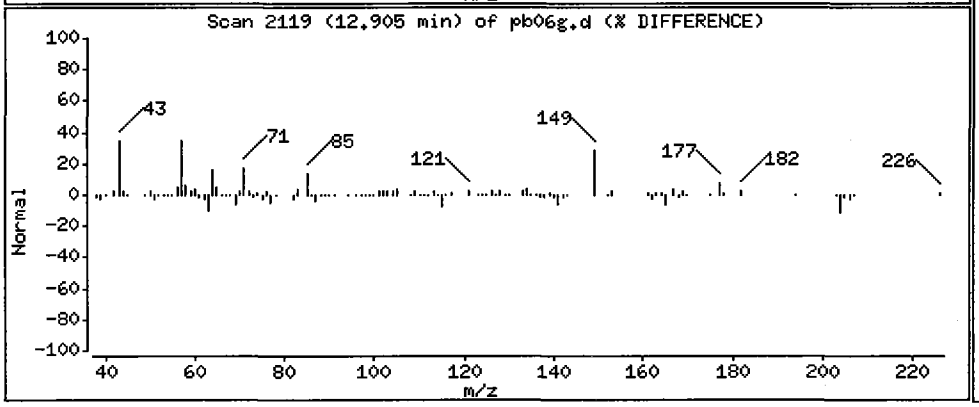












Data File: /chem1/nt6.i/20090611a.b/pb06g.d

Date : 11-JUN-2009 23:08

Client ID: BW-07-SS-090602

Instrument: nt6.i

Sample Info: PB06G

Volume Injected (uL): 1.0

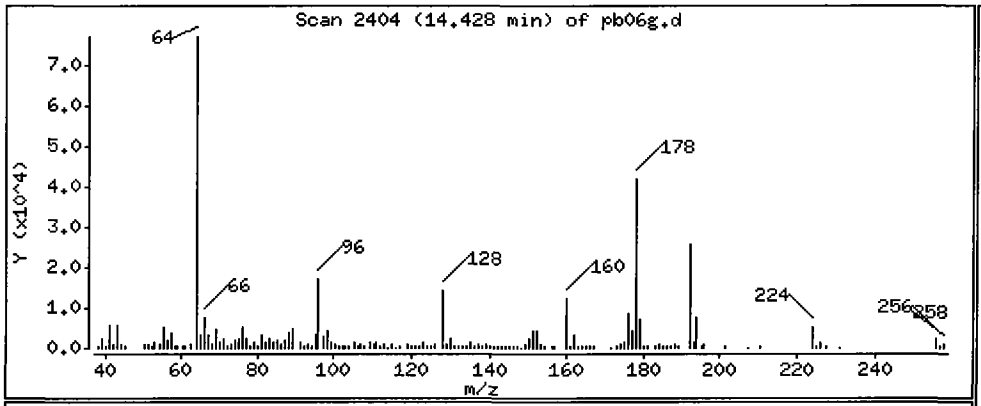
Operator: LJR/VTS

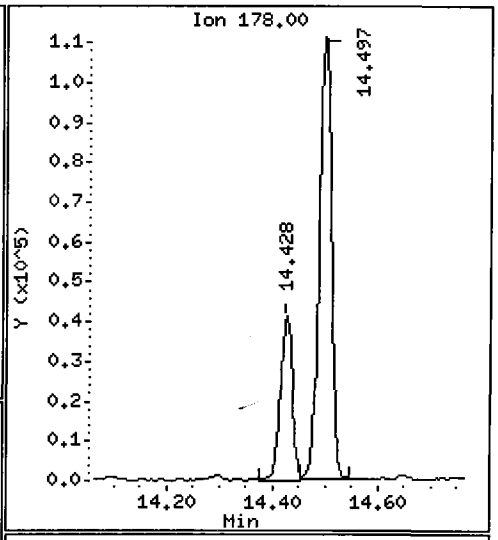
Column phase: ZB-5

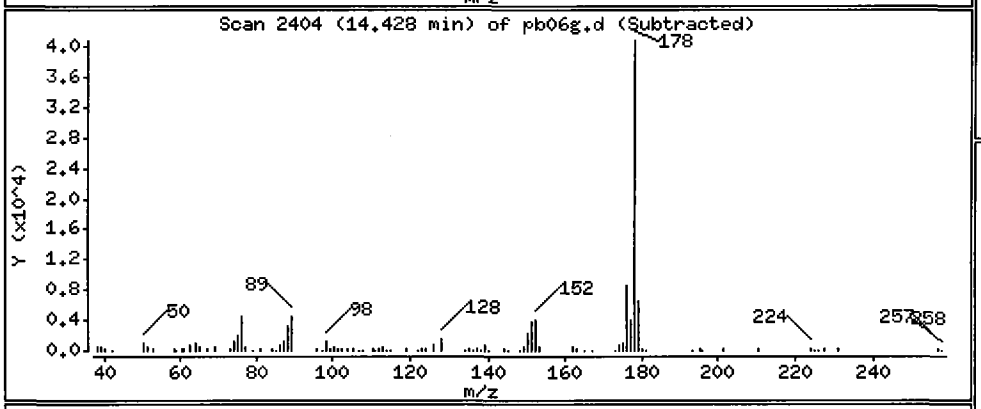
Column diameter: 0.32

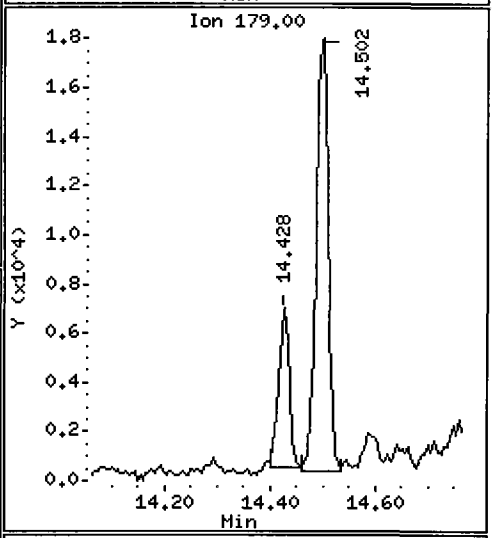
60 Phenanthrene

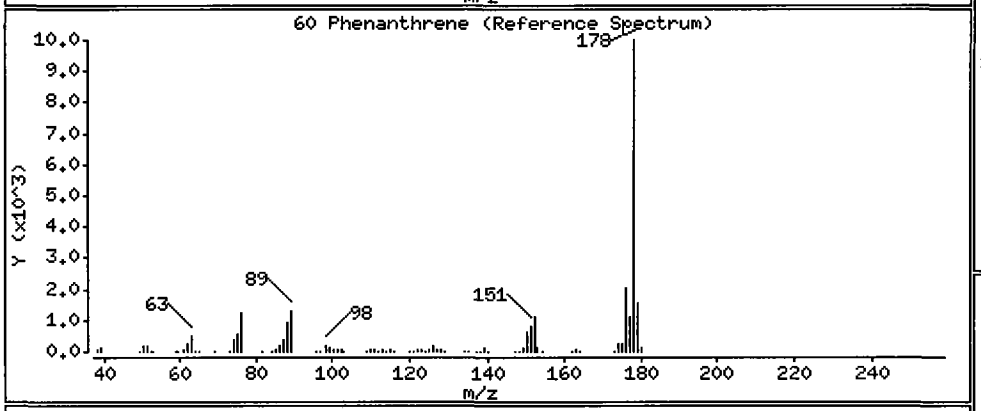
Concentration: 61.06 ug/kg

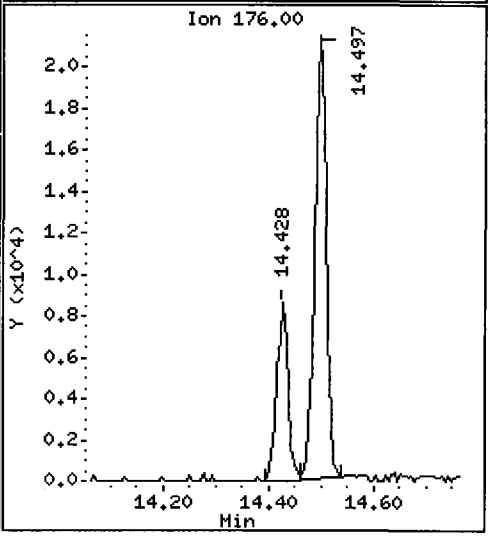


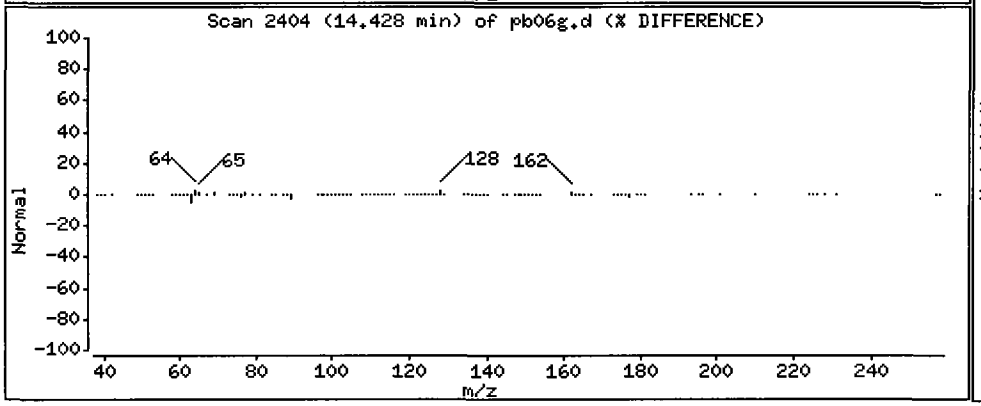












Data File: /chem1/nt6.i/20090611a.b/pb06g.d

Date : 11-JUN-2009 23:08

Client ID: BW-07-SS-090602

Instrument: nt6.i

Sample Info: PB06G

Volume Injected (uL): 1.0

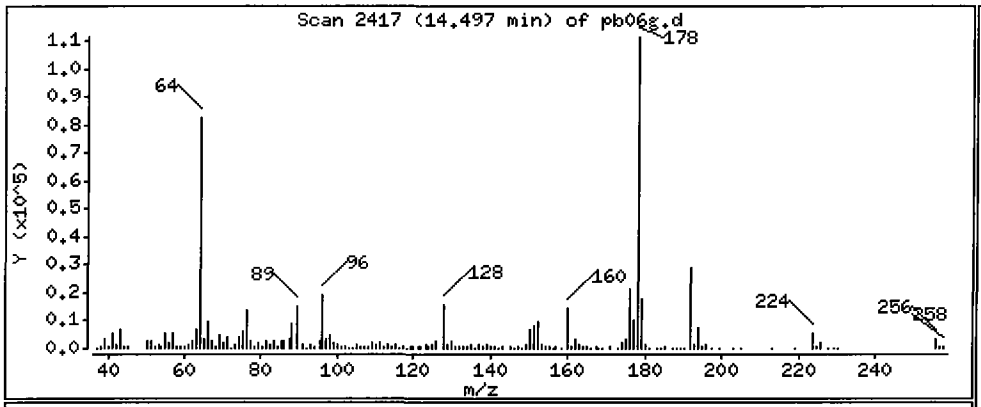
Operator: LJR/VTS

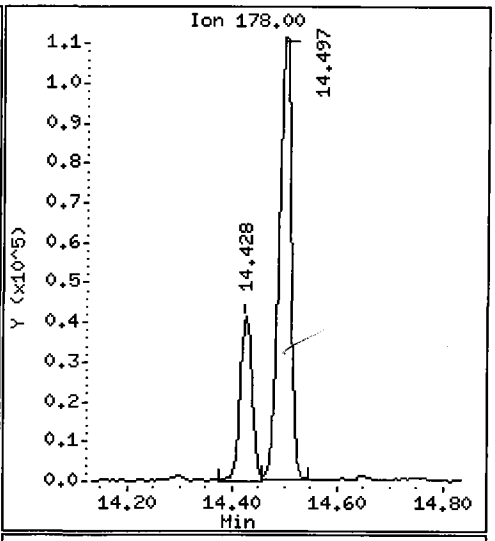
Column phase: ZB-5

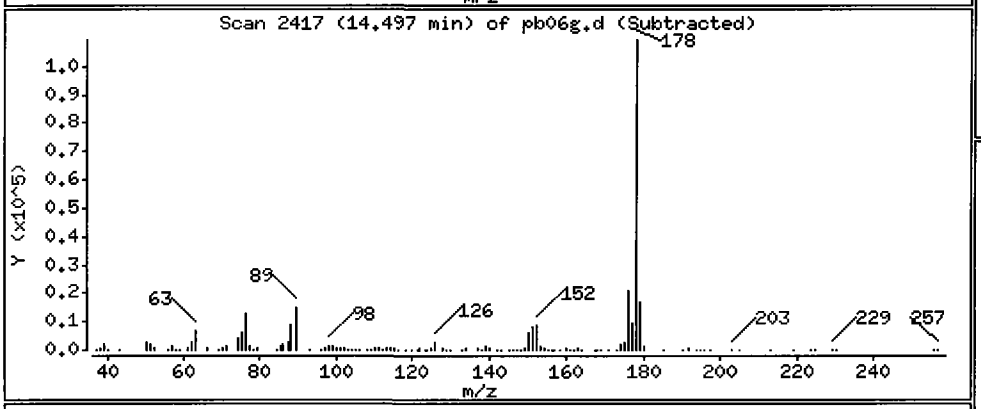
Column diameter: 0.32

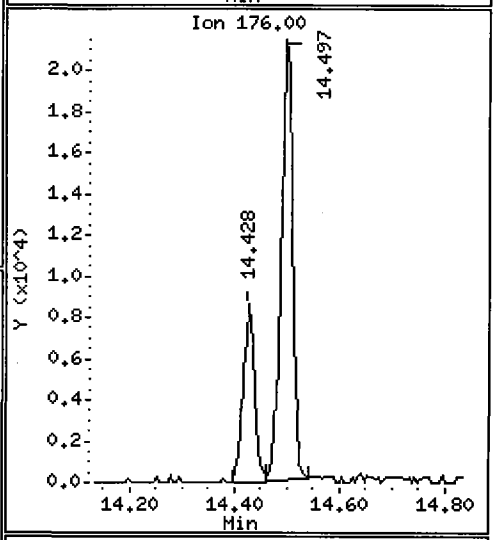
61 Anthracene

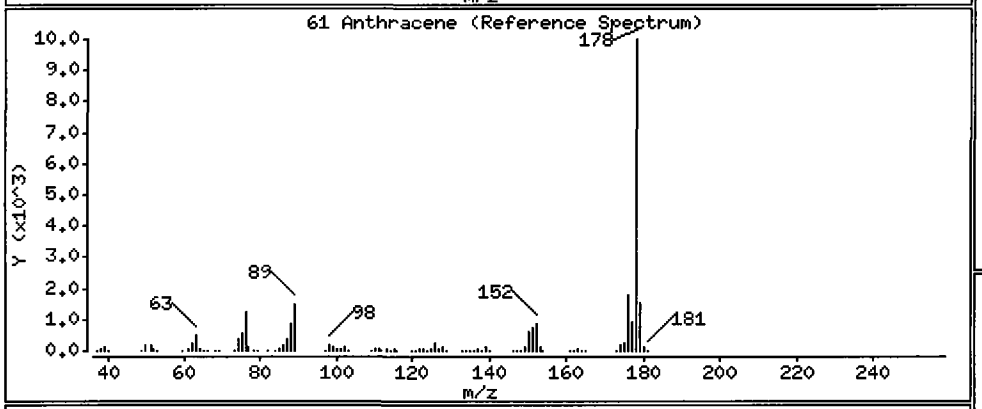
Concentration: 168.8 ug/kg

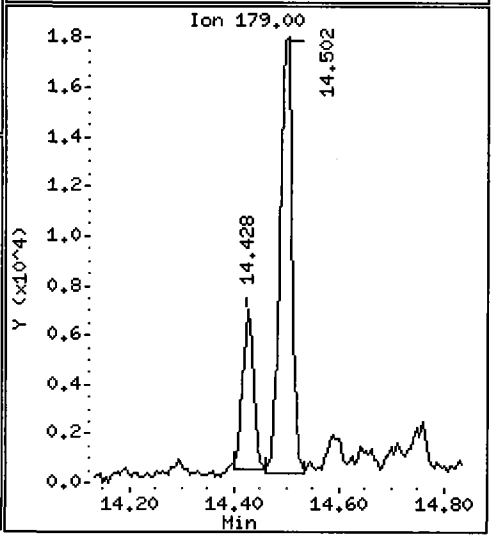


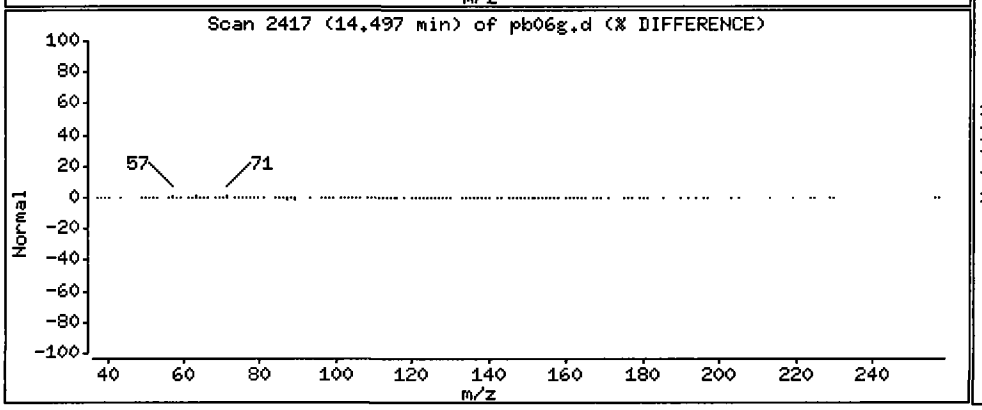












Data File: /chem1/nt6.i/20090611a.b/pb06g.d

Date : 11-JUN-2009 23:08

Client ID: BW-07-SS-090602

Instrument: nt6.i

Sample Info: PB06G

Volume Injected (uL): 1.0

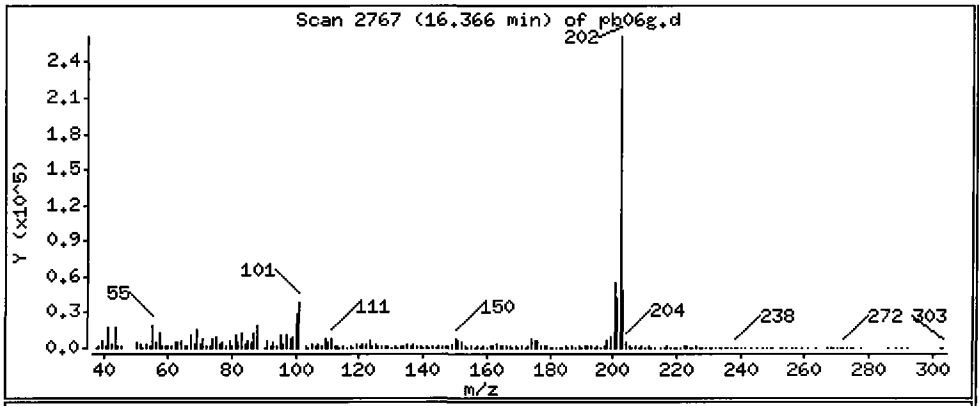
Operator: LJR/VTS

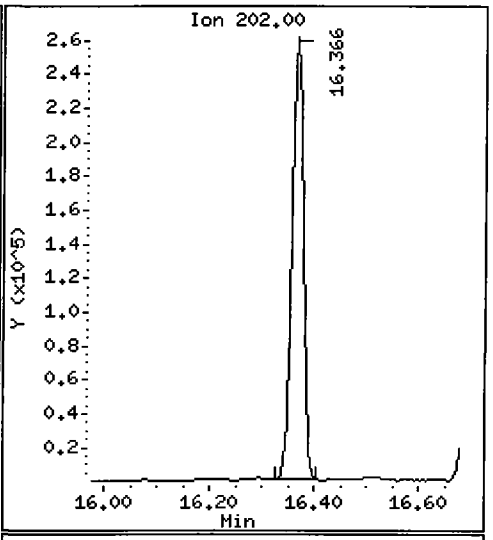
Column phase: ZB-5

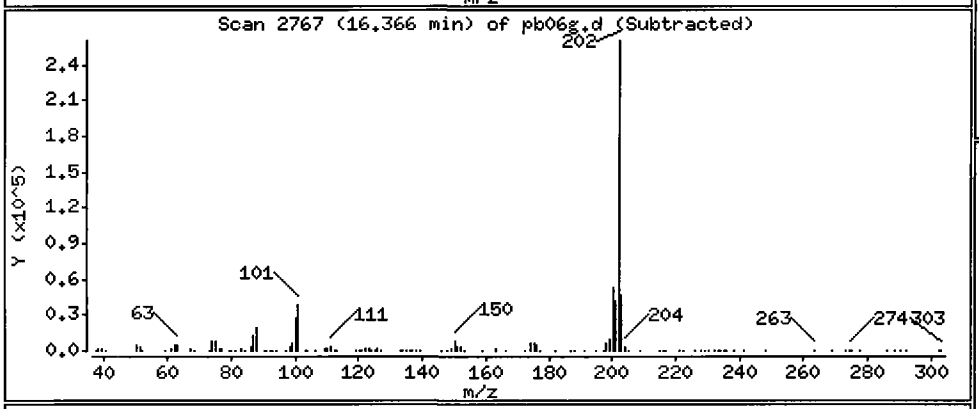
Column diameter: 0.32

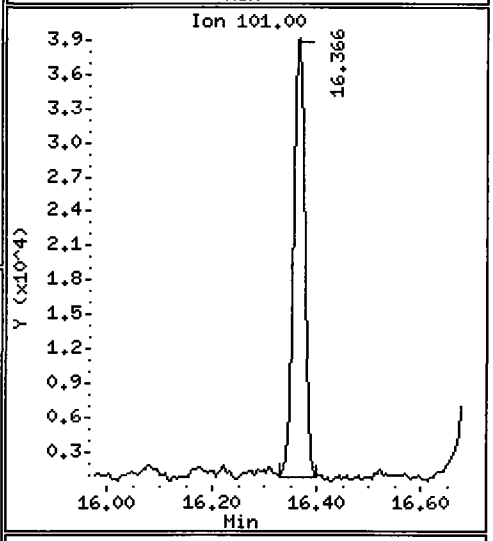
64 Fluoranthene

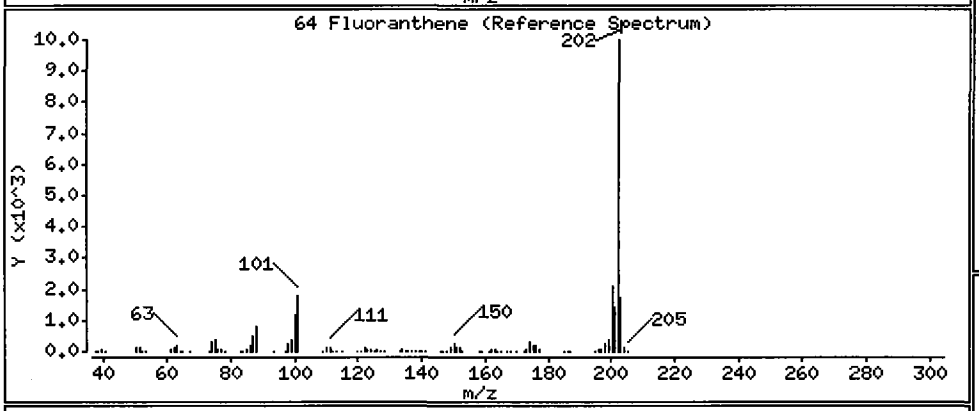
Concentration: 364.1 ug/kg

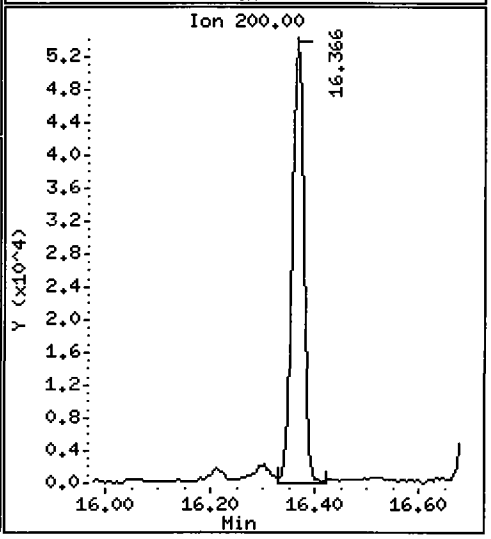


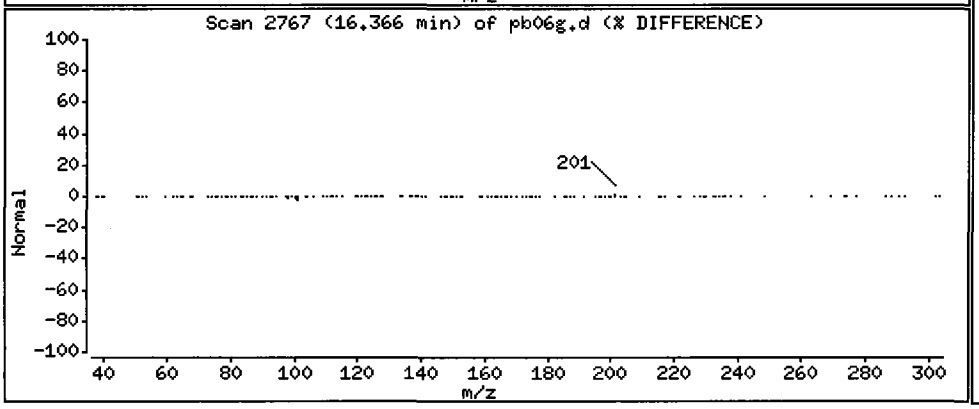












Data File: /chem1/nt6.i/20090611a.b/pb06g.d

Date : 11-JUN-2009 23:08

Client ID: BW-07-SS-090602

Instrument: nt6.i

Sample Info: PB06G

Volume Injected (uL): 1.0

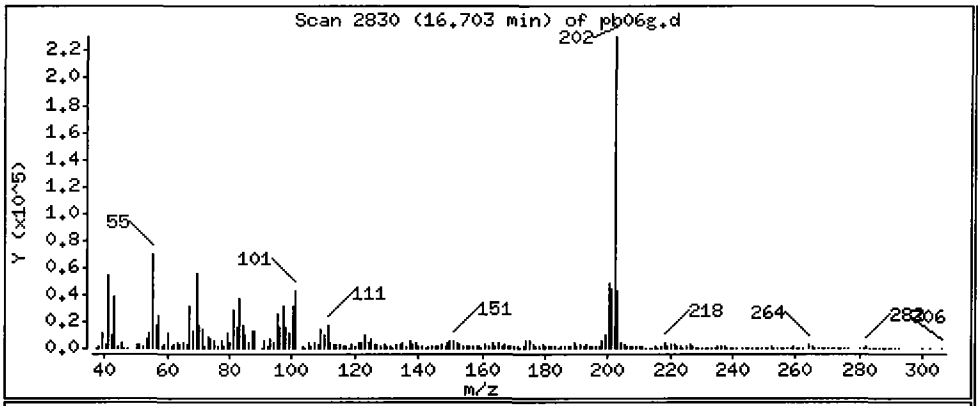
Operator: LJR/VTS

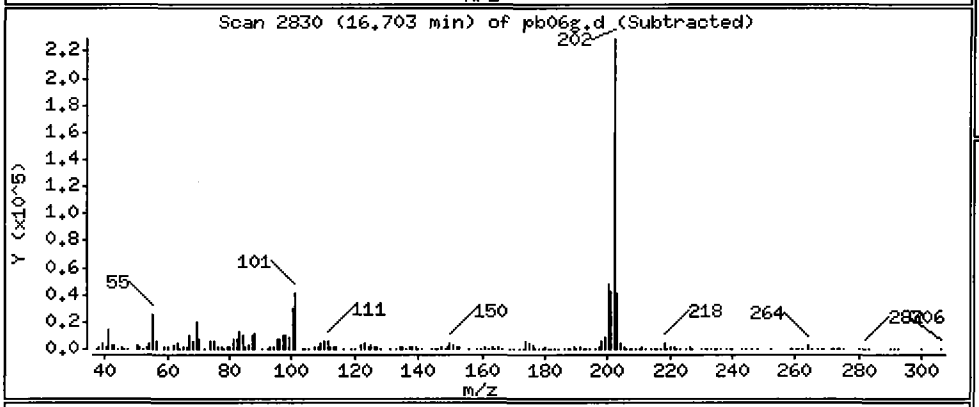
Column phase: ZB-5

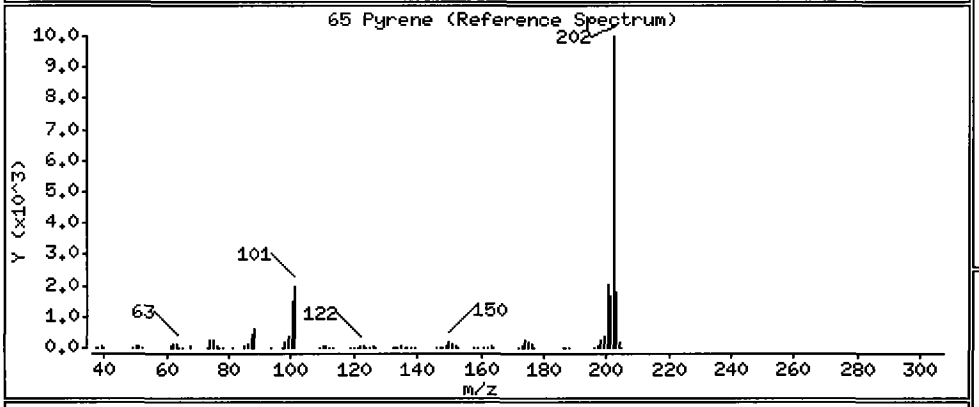
Column diameter: 0.32

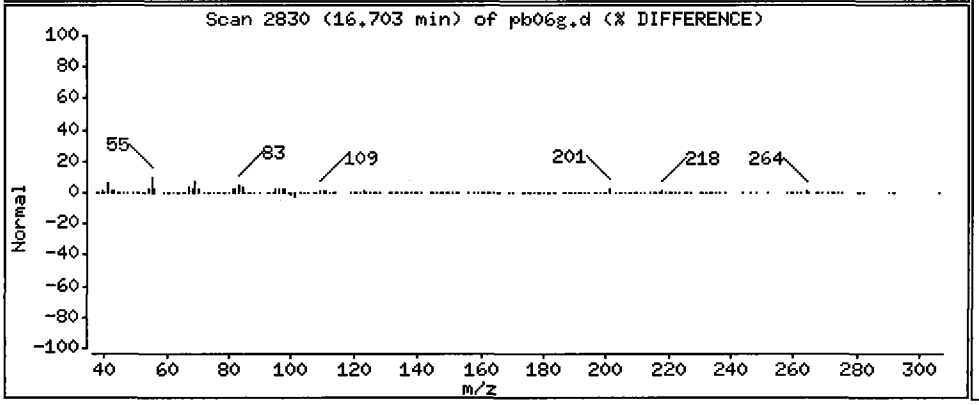
65 Pyrene

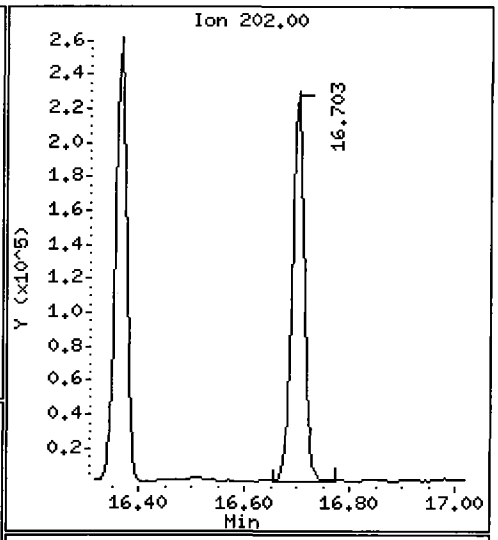
Concentration: 175.4 ug/kg

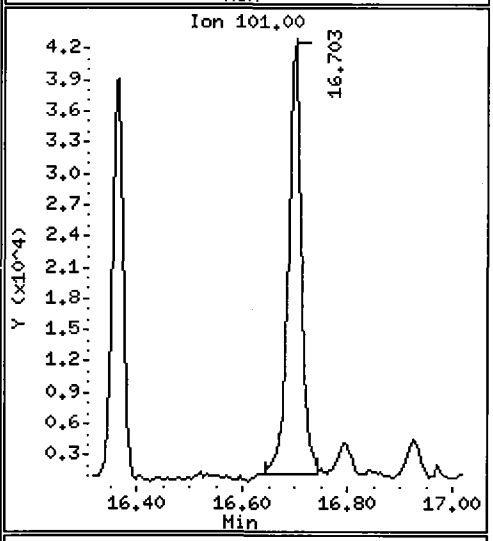


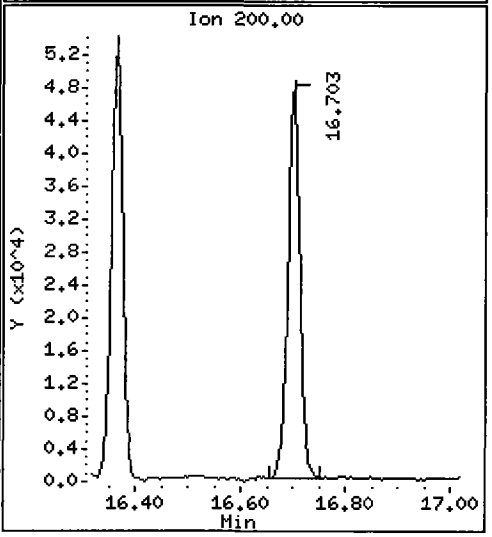












Data File: /chem1/nt6.i/20090611a.b/pb06g.d

Date : 11-JUN-2009 23:08

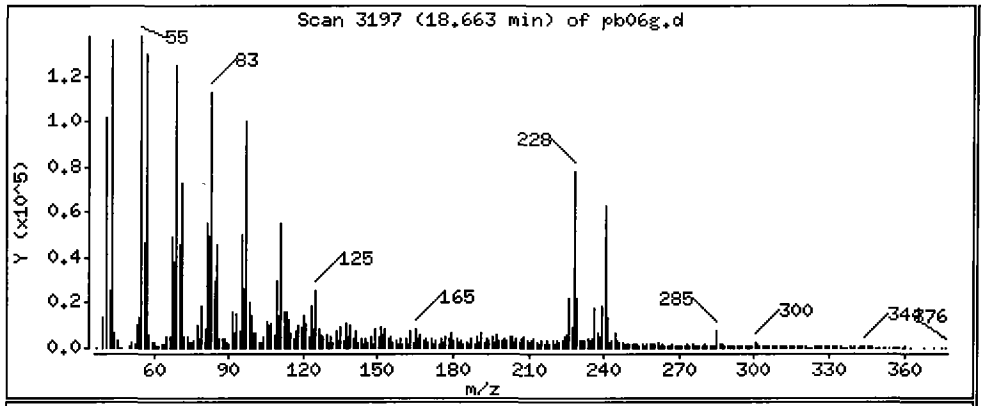
Client ID: BW-07-SS-090602 Instrument: nt6.i

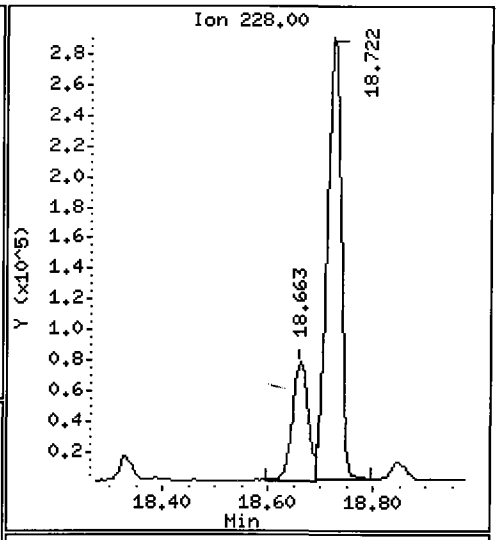
Sample Info: PB06G

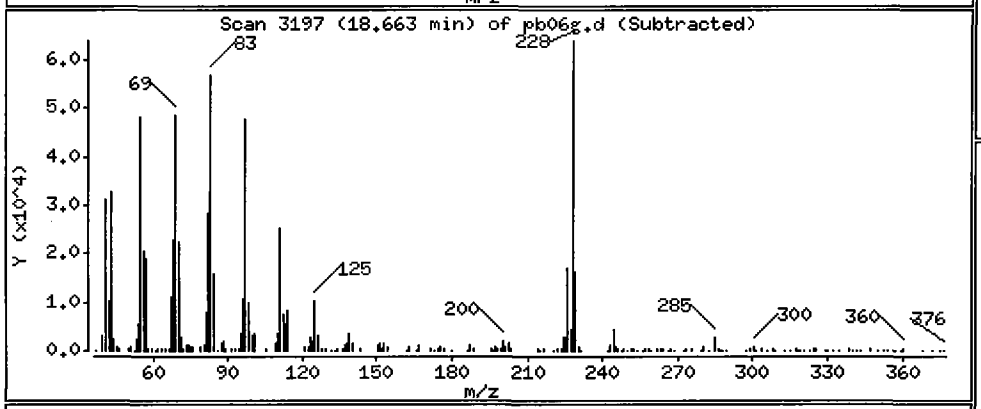
Volume Injected (uL): 1.0 Operator: LJR/VTS

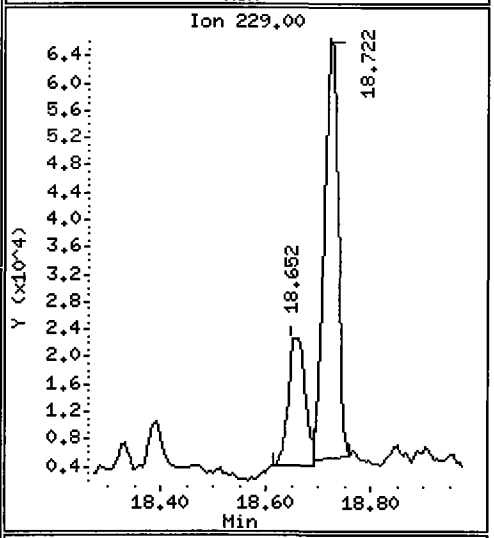
Column phase: ZB-5 Column diameter: 0.32

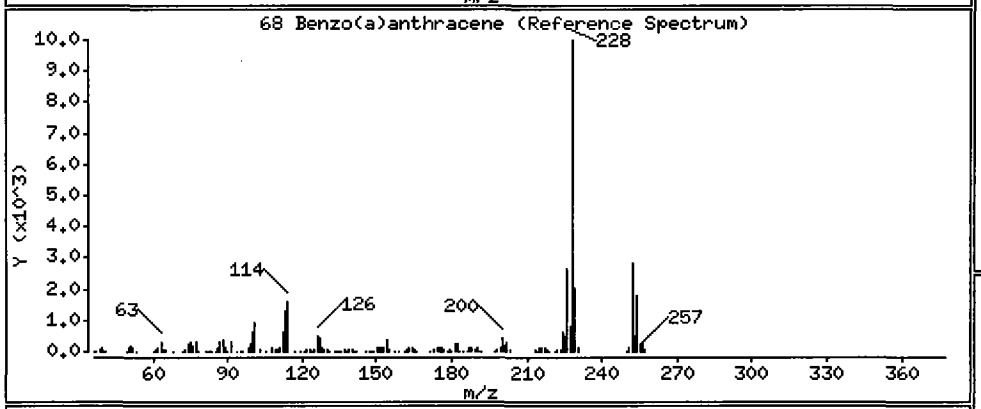
68 Benzo(a)anthracene Concentration: 85.09 ug/kg

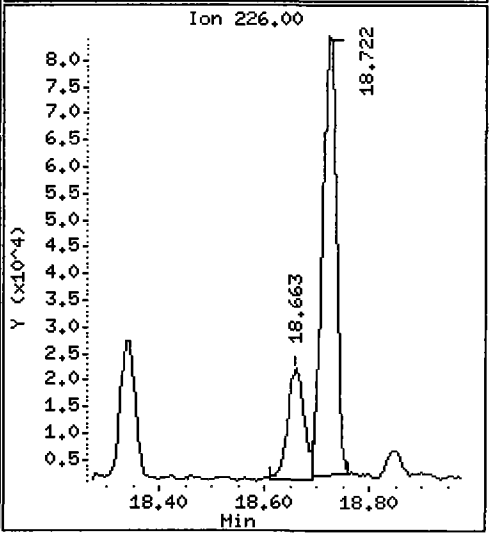


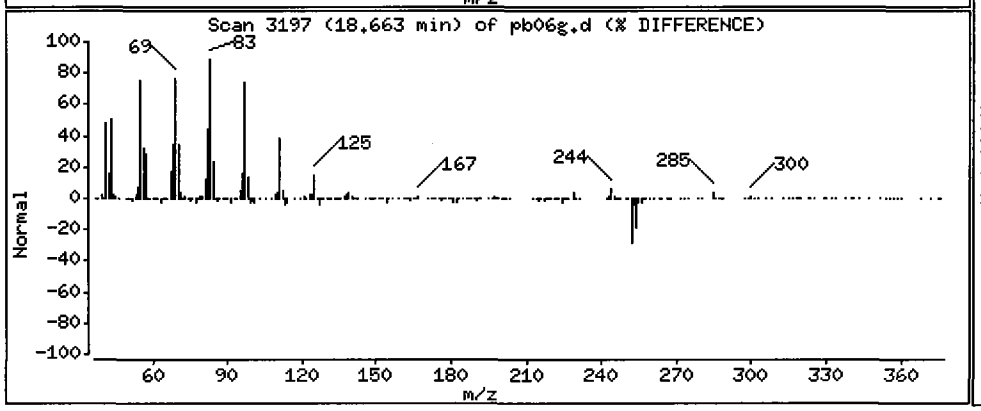












Data File: /chem1/nt6.i/20090611a.b/pb06g.d

Date : 11-JUN-2009 23:08

Client ID: BW-07-SS-090602

Instrument: nt6.i

Sample Info: PB06G

Volume Injected (uL): 1.0

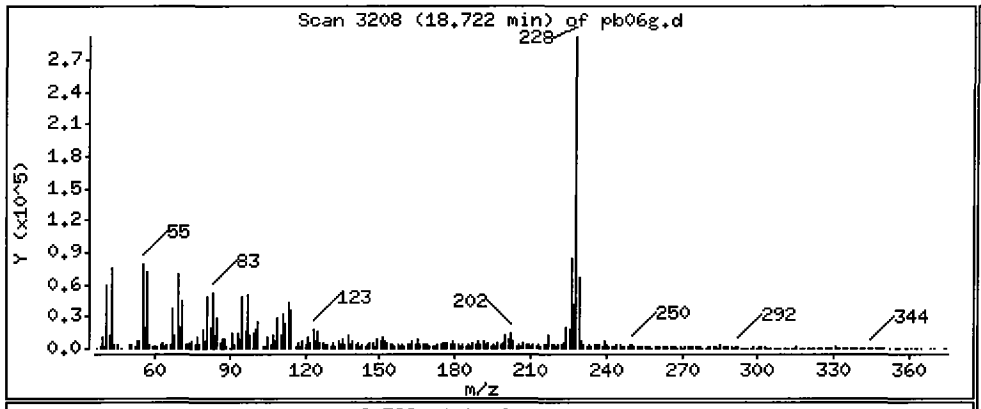
Operator: LJR/VTS

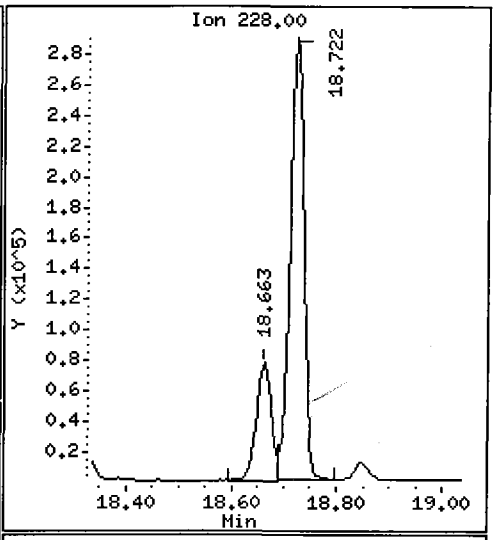
Column phase: ZB-5

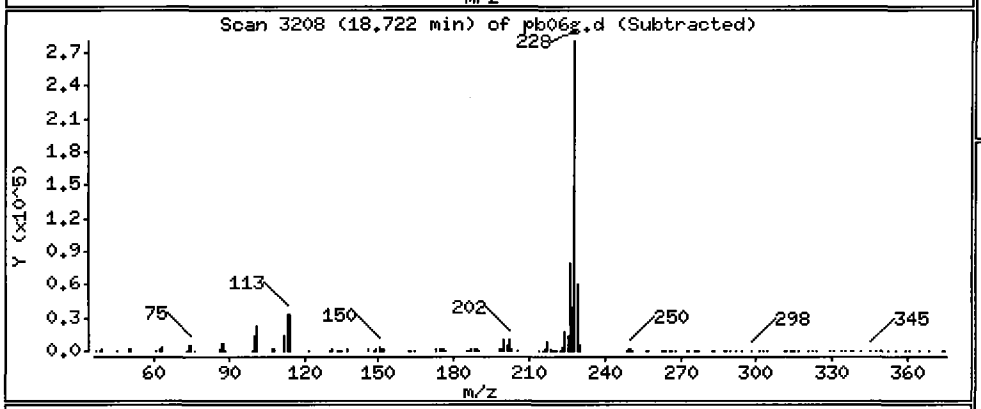
Column diameter: 0.32

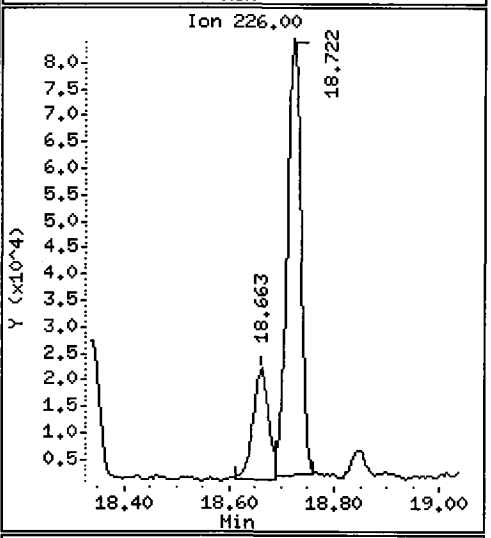
71 Chrysene

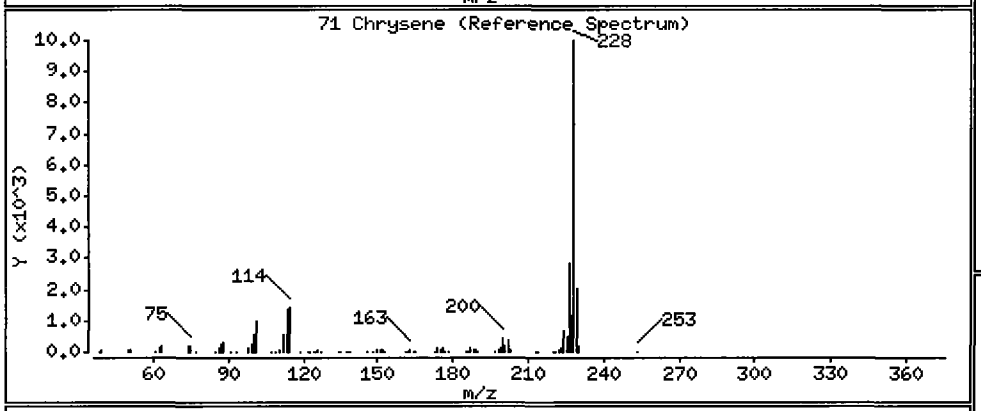
Concentration: 291.8 ug/kg

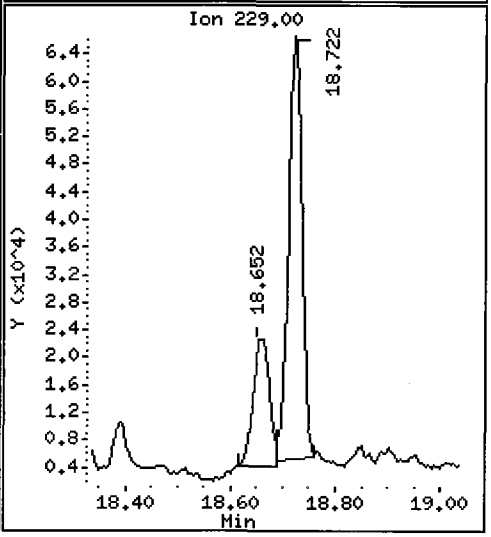


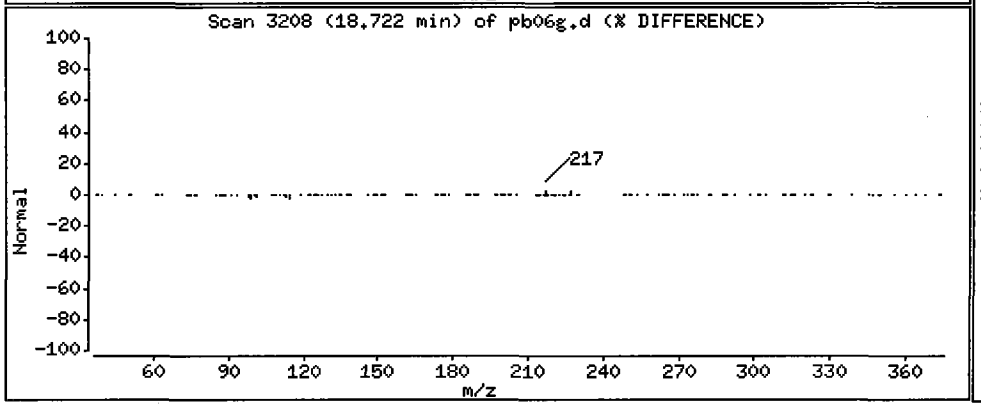












Data File: /chem1/nt6.i/20090611a.b/pb06g.d

Date : 11-JUN-2009 23:08

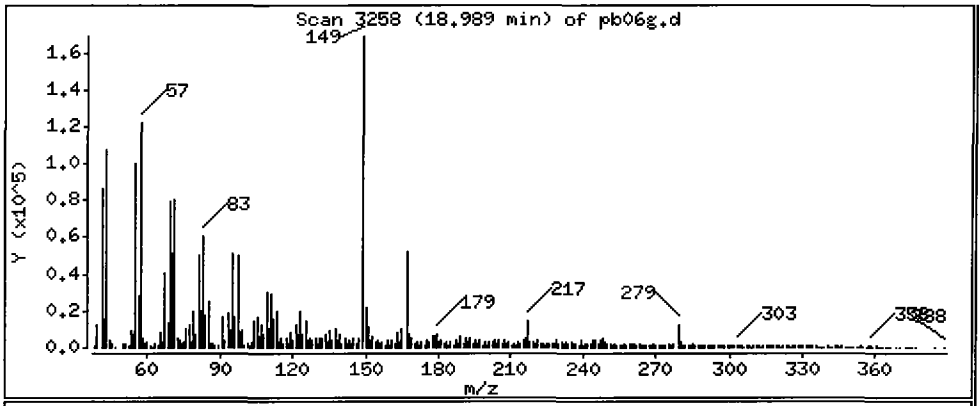
Client ID: BW-07-SS-090602 Instrument: nt6.i

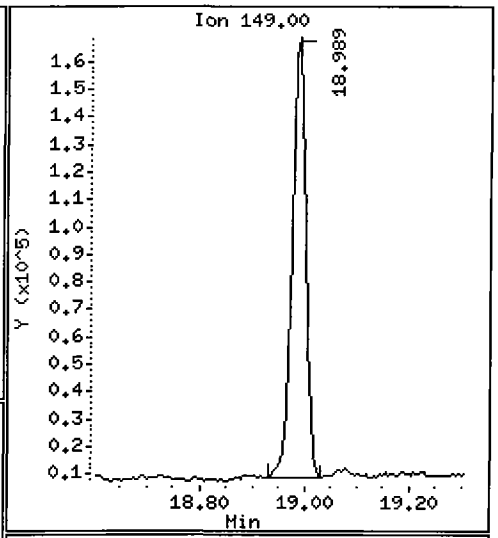
Sample Info: PB06G

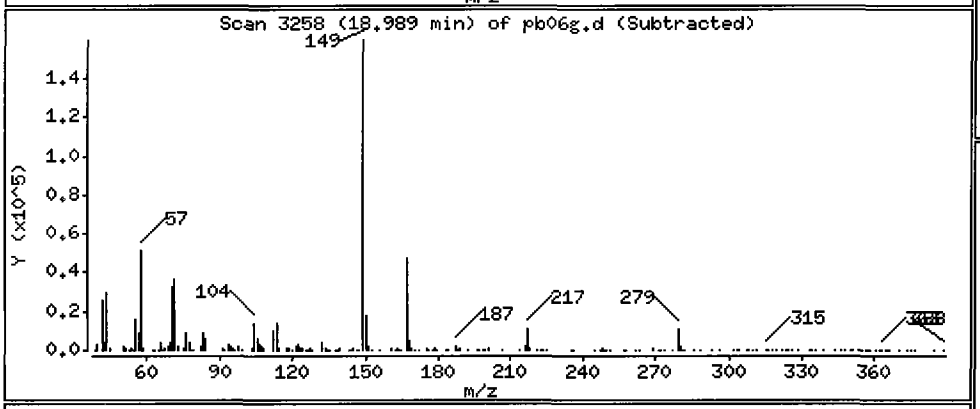
Volume Injected (uL): 1.0 Operator: LJR/VTS

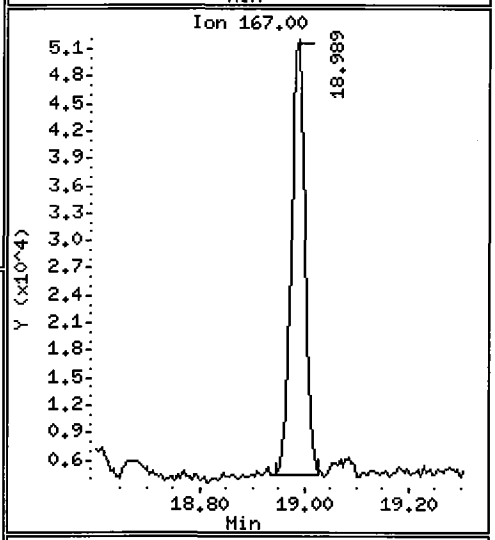
Column phase: ZB-5 Column diameter: 0.32

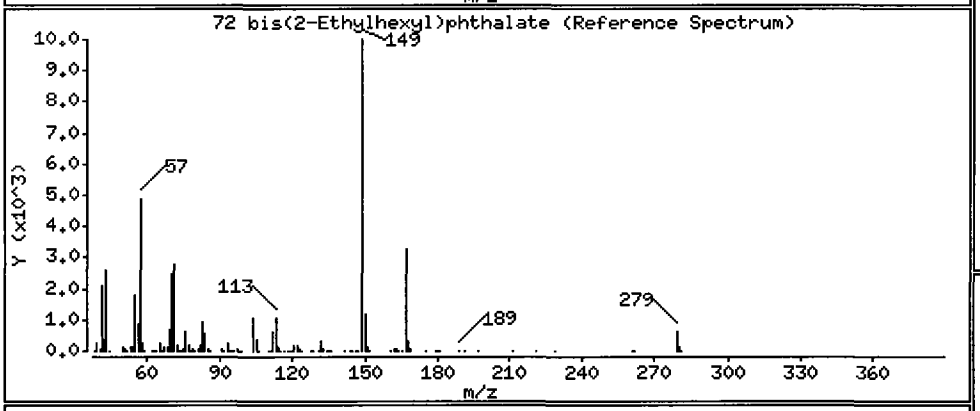
72 bis(2-Ethylhexyl)phthalate Concentration: 258.6 ug/kg

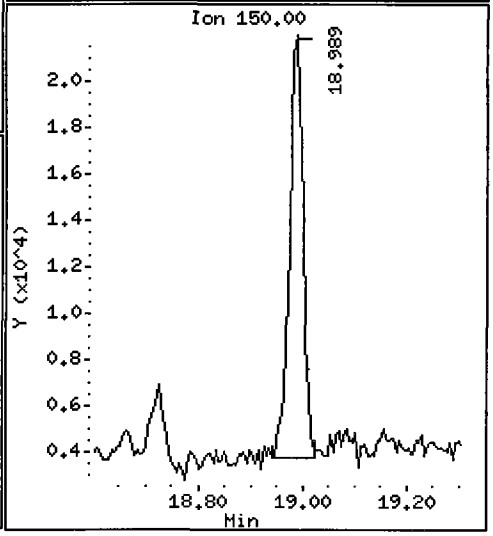


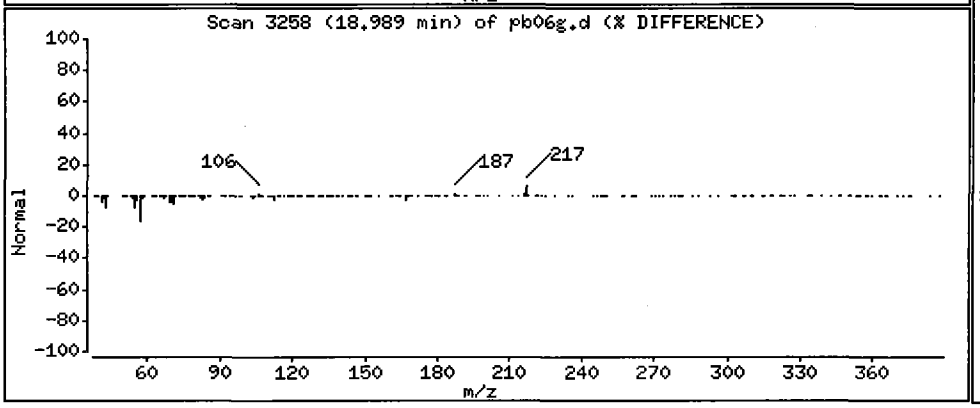












Data File: /chem1/nt6.i/20090611a.b/pb06g.d

Date : 11-JUN-2009 23:08

Client ID: BW-07-SS-090602

Instrument: nt6.i

Sample Info: PB06G

Volume Injected (uL): 1.0

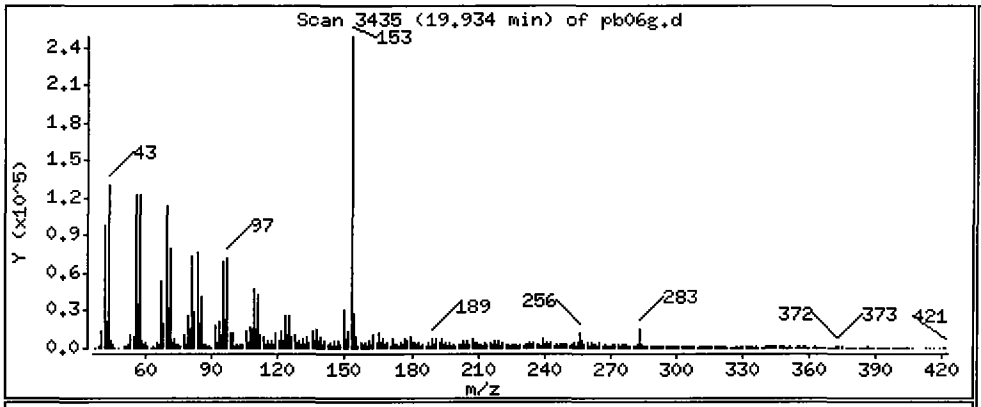
Operator: LJR/VTS

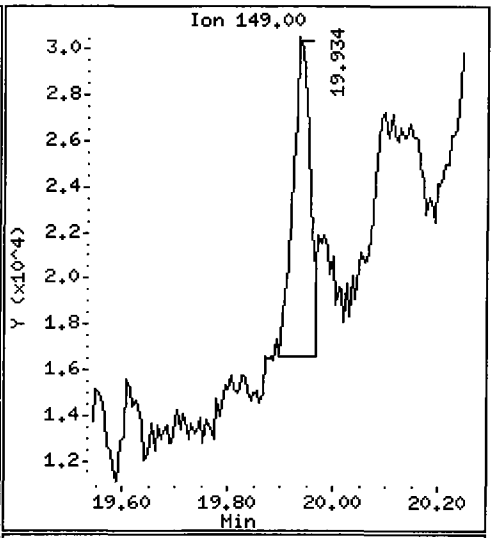
Column phase: ZB-5

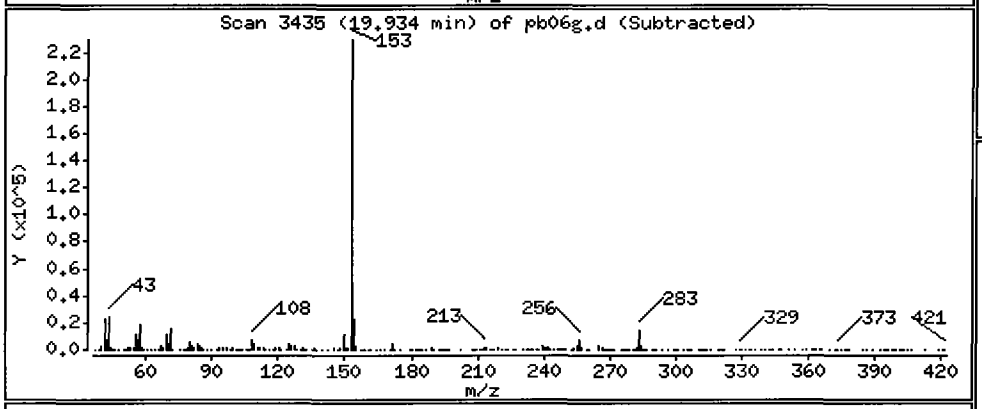
Column diameter: 0.32

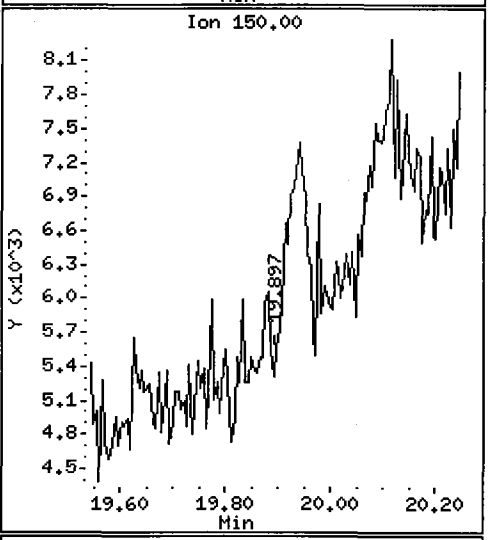
73 Di-n-octylphthalate

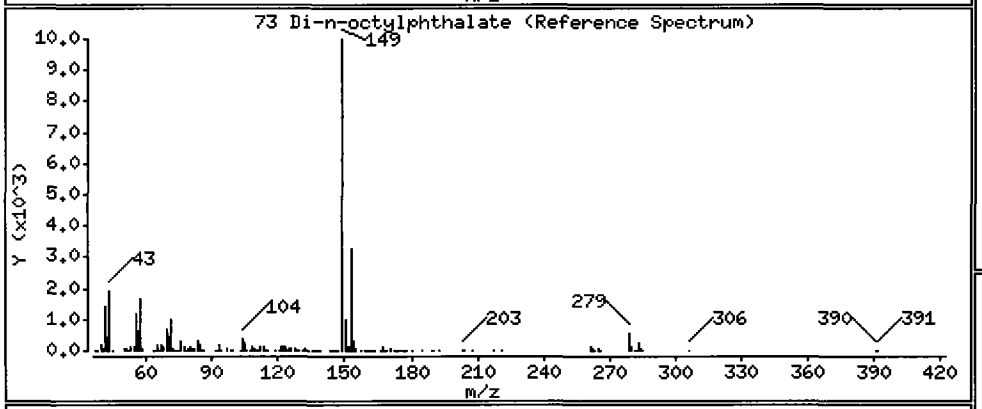
Concentration: 15.79 ug/kg

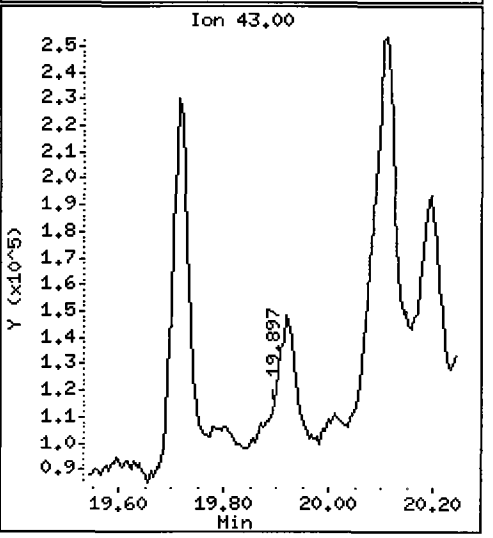


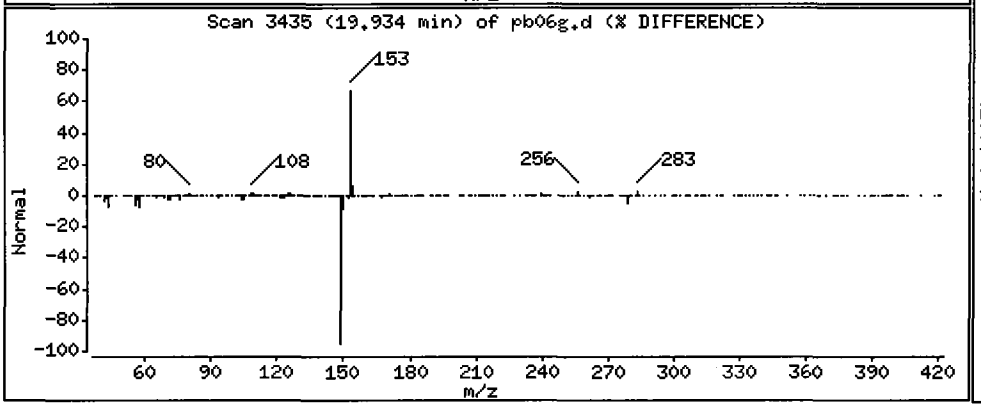












Data File: /chem1/nt6.i/20090611a.b/pb06g.d

Date : 11-JUN-2009 23:08

Client ID: BW-07-SS-090602

Instrument: nt6.i

Sample Info: PB06G

Volume Injected (uL): 1.0

Operator: LJR/VTS

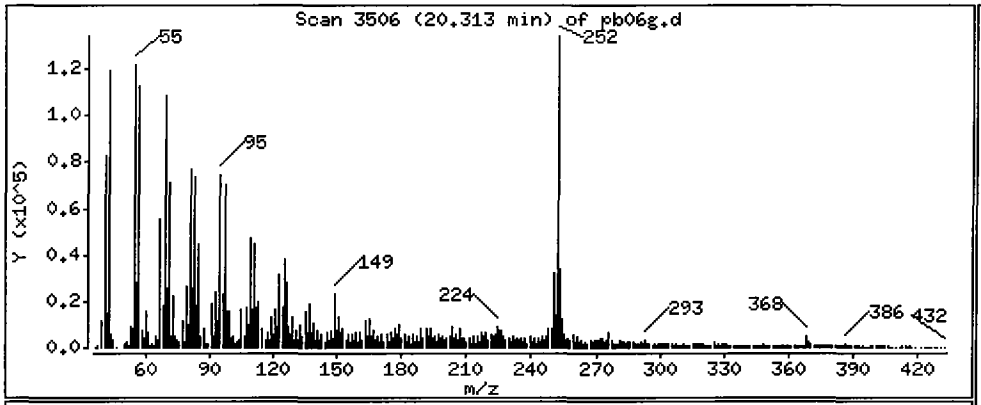
Column phase: ZB-5

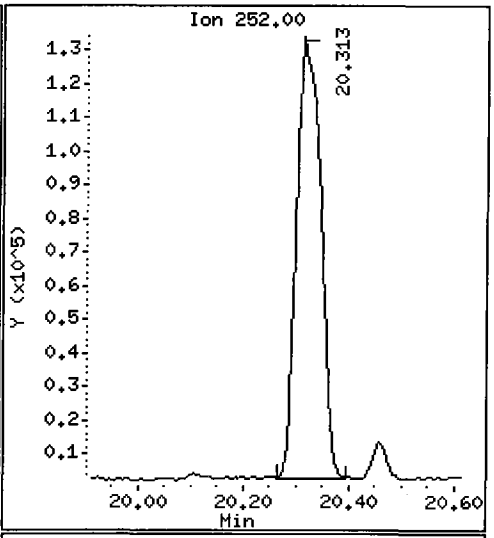
Column diameter: 0.32

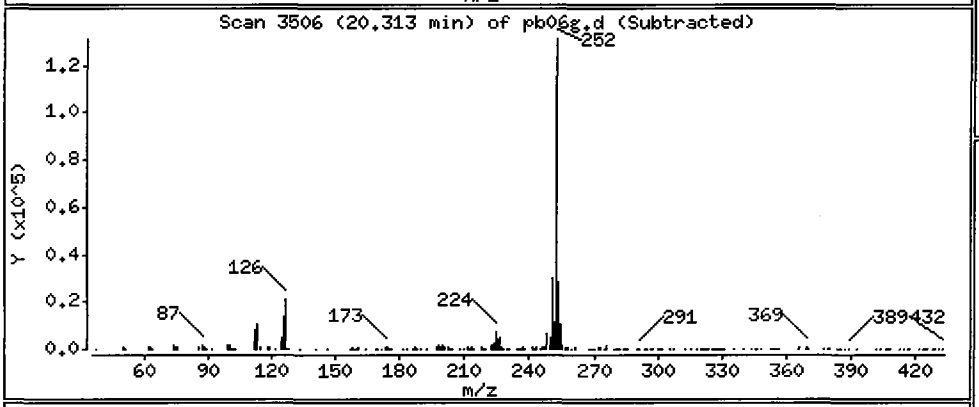
1/c

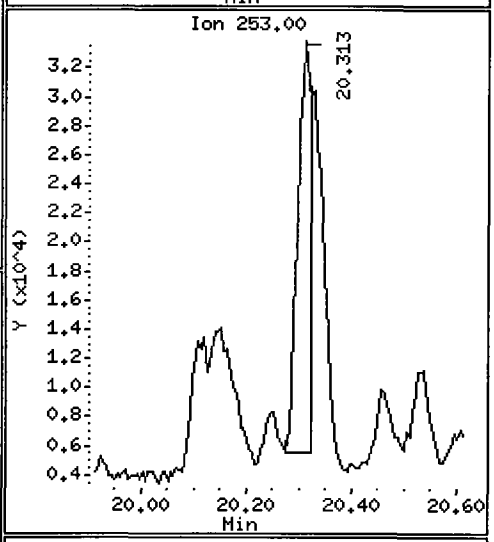
74 Benzo(b)fluoranthene

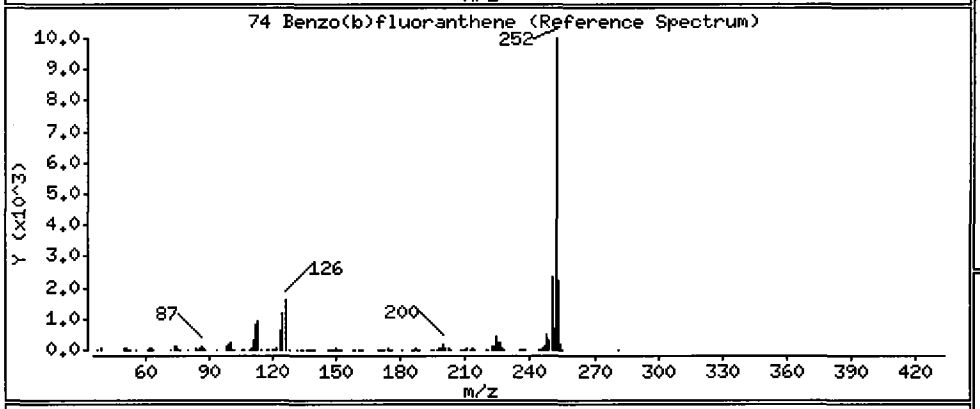
Concentration: 220.3 ug/kg

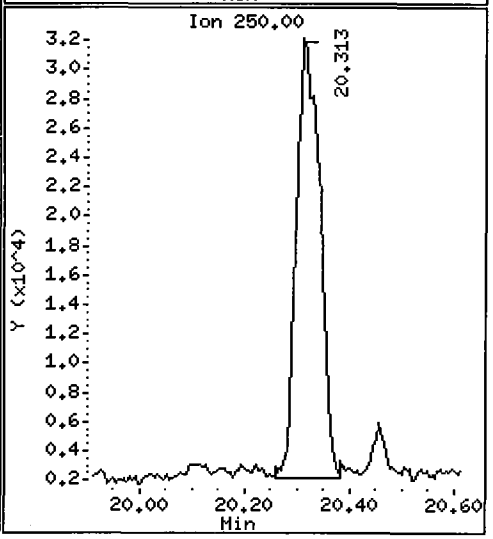


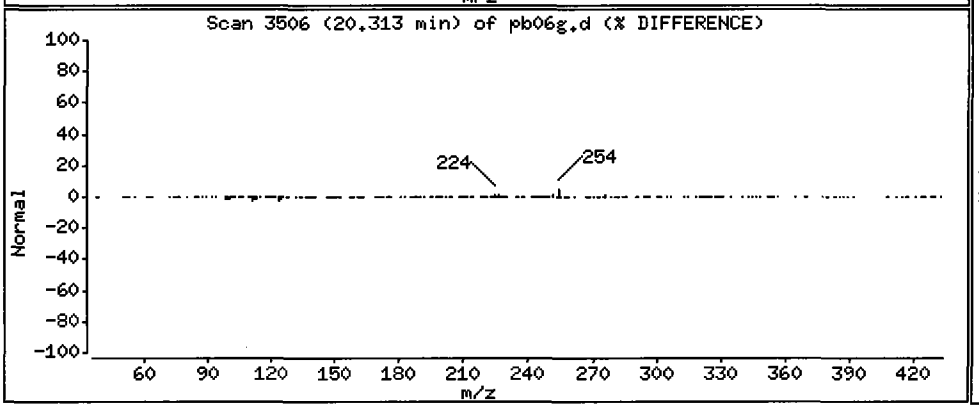












Data File: /chem1/nt6.i/20090611a.b/pb06g.d

Date : 11-JUN-2009 23:08

Client ID: BW-07-SS-090602

Instrument: nt6.i

Sample Info: PB06G

Volume Injected (uL): 1.0

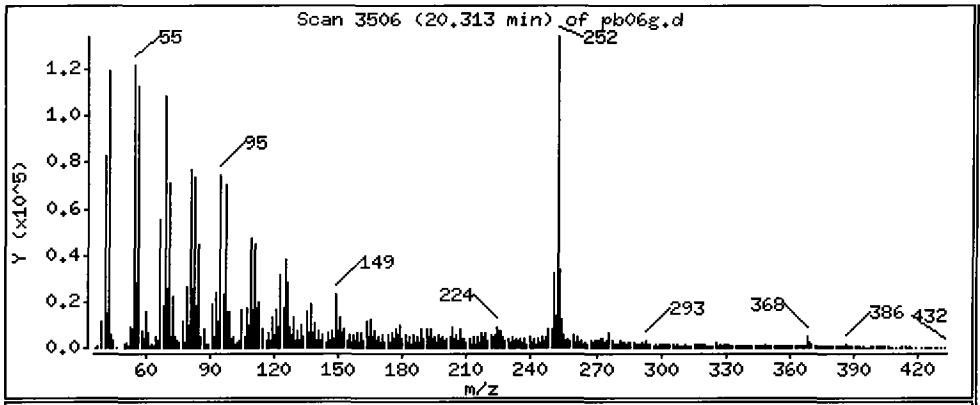
Operator: LJR/VTS

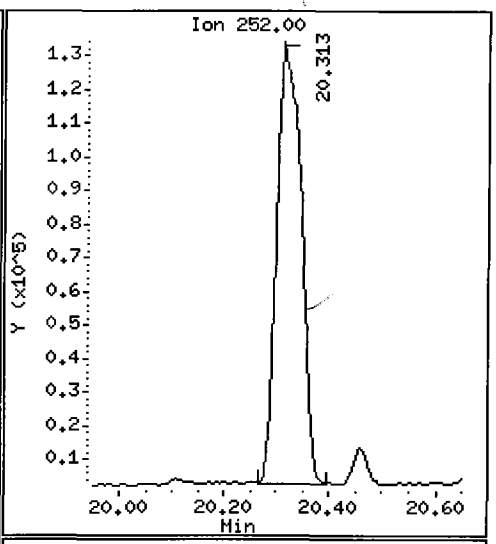
Column phase: ZB-5

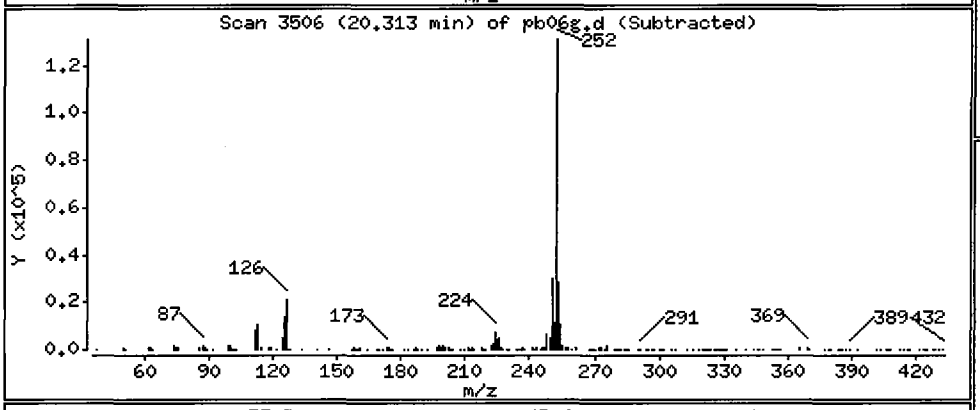
Column diameter: 0.32

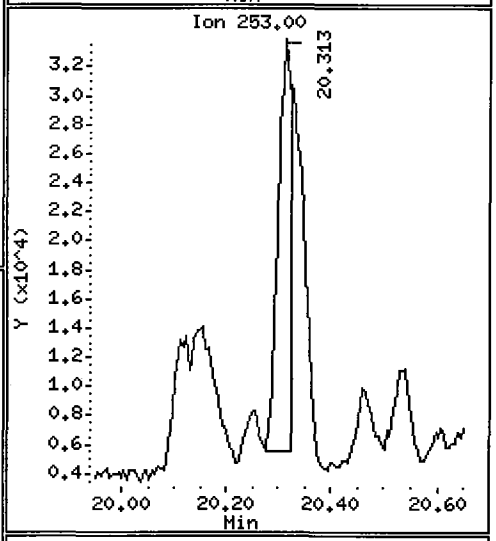
75 Benzo(k)fluoranthene

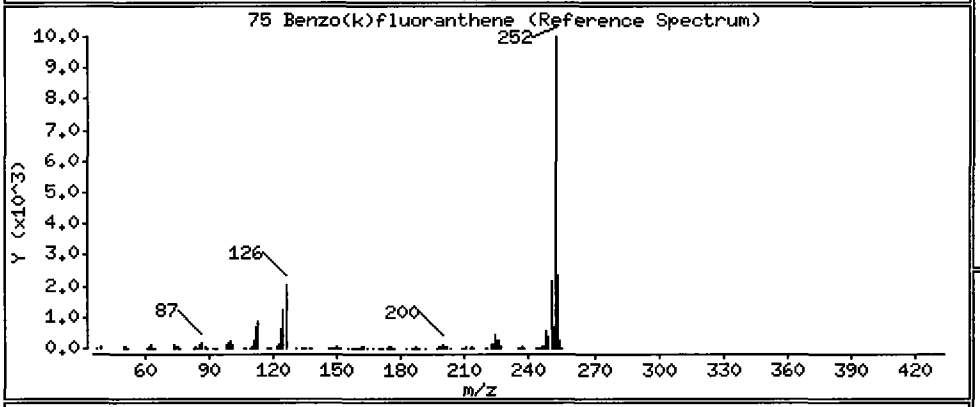
Concentration: 214.5 ug/kg

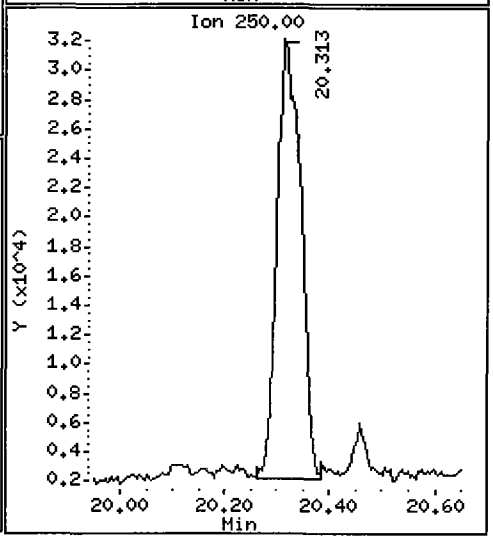


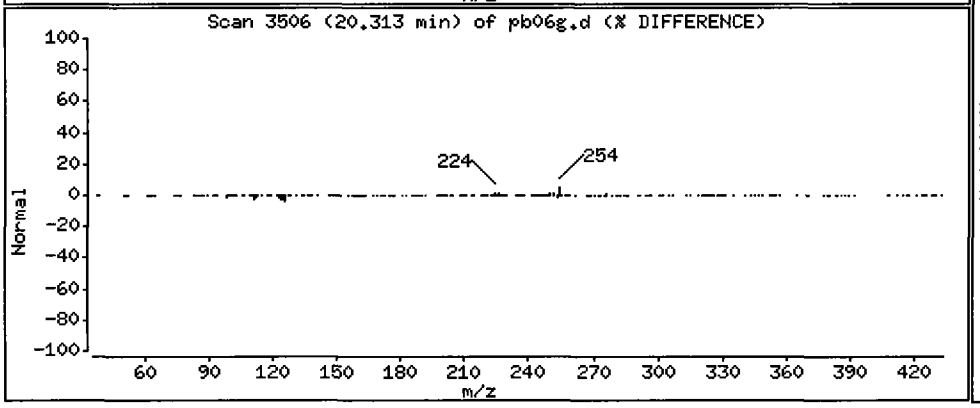












Data File: /chem1/nt6.i/20090611a.b/pb06g.d

Date : 11-JUN-2009 23:08

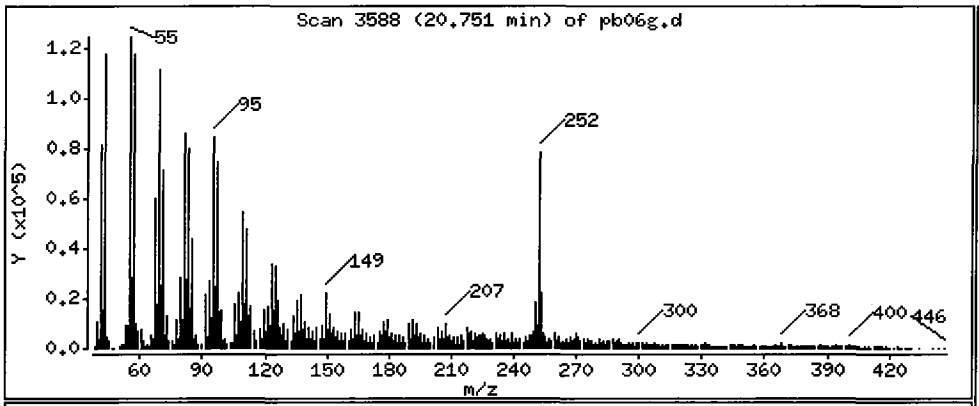
Client ID: BW-07-SS-090602 Instrument: nt6.i

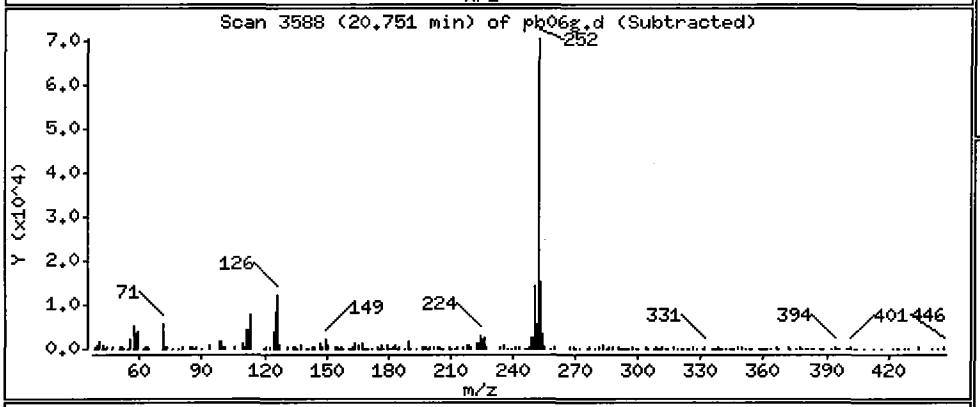
Sample Info: PB06G

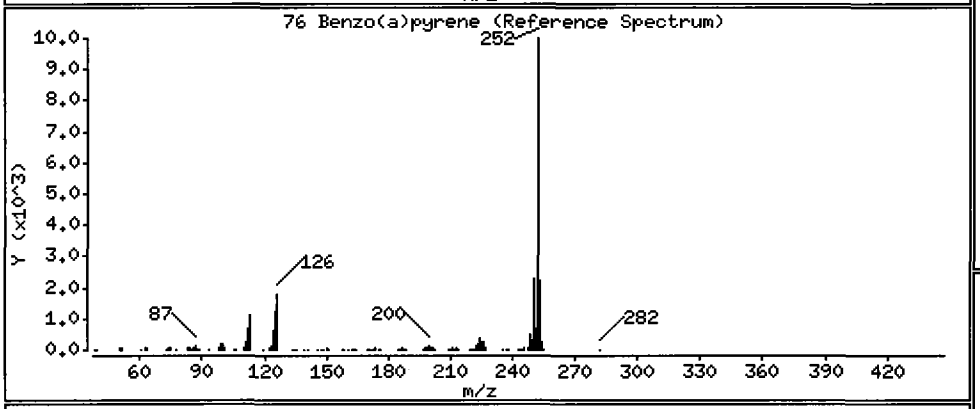
Volume Injected (uL): 1.0 Operator: LJR/VTS

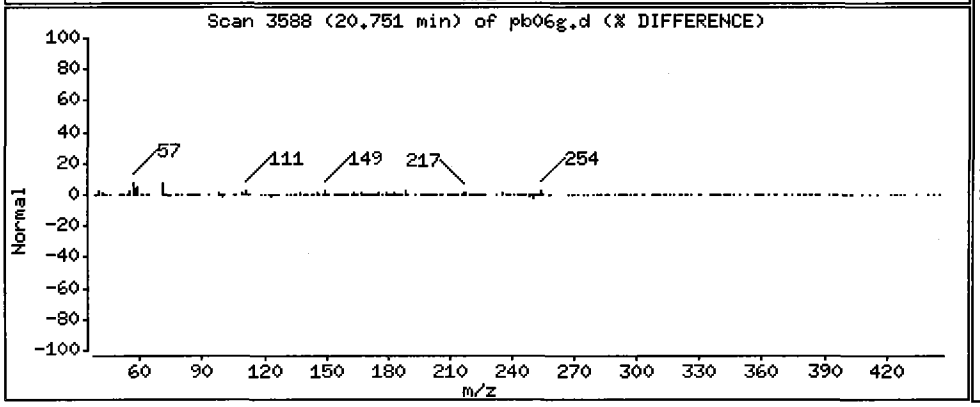
Column phase: ZB-5 Column diameter: 0.32

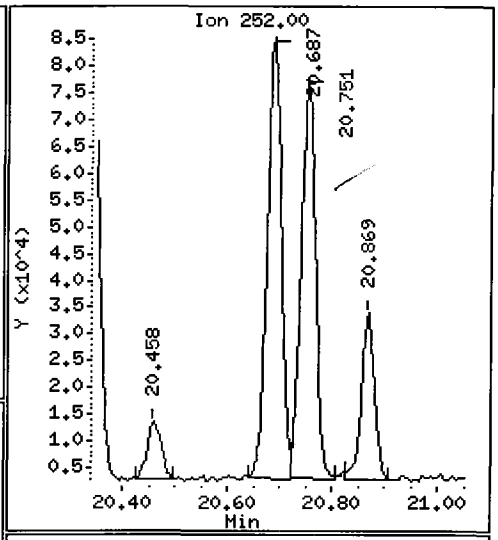
76 Benzo(a)pyrene Concentration: 81.98 ug/kg

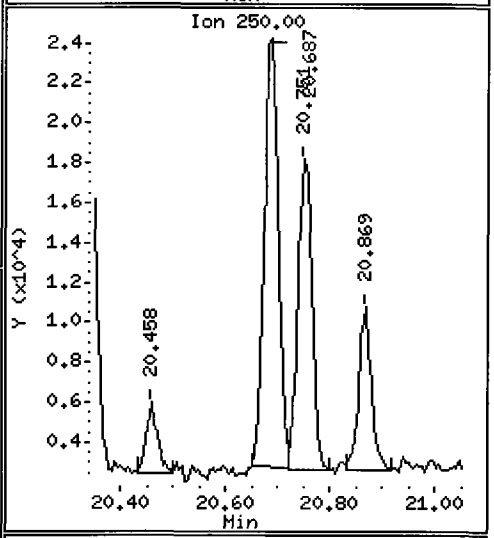


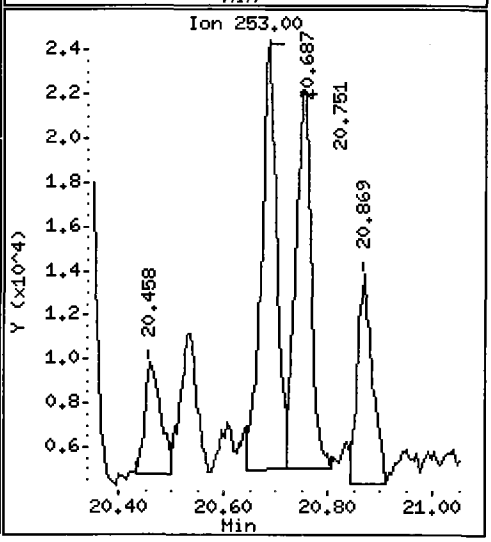












Data File: /chem1/nt6.i/20090611a.b/pb06g.d

Date : 11-JUN-2009 23:08

Client ID: BW-07-SS-090602

Instrument: nt6.i

Sample Info: PB06G

Volume Injected (uL): 1.0

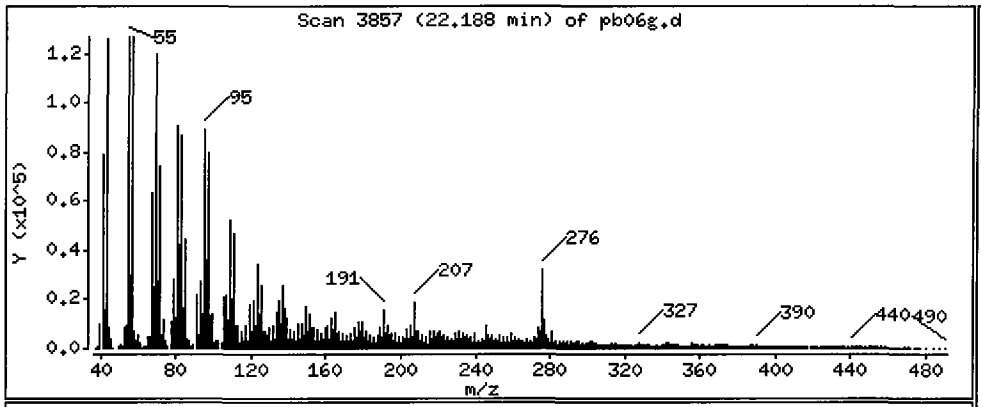
Operator: LJR/VTS

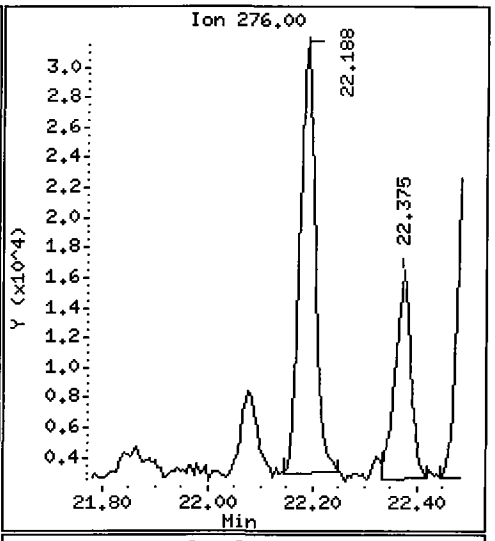
Column phase: ZB-5

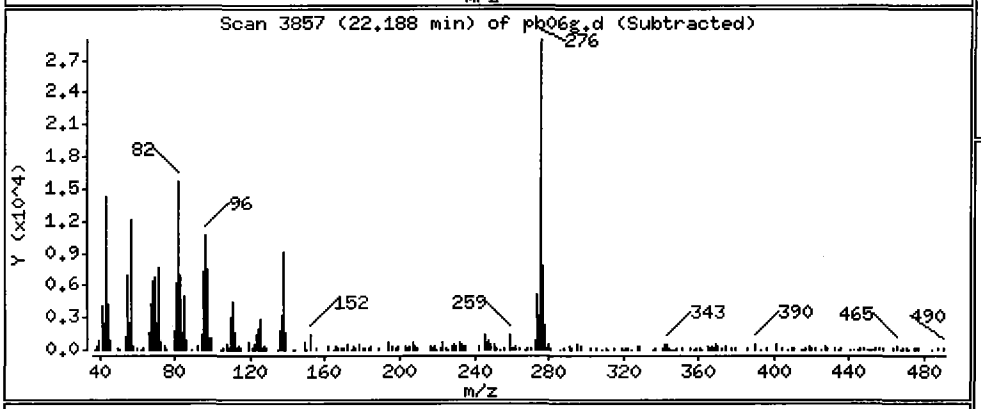
Column diameter: 0.32

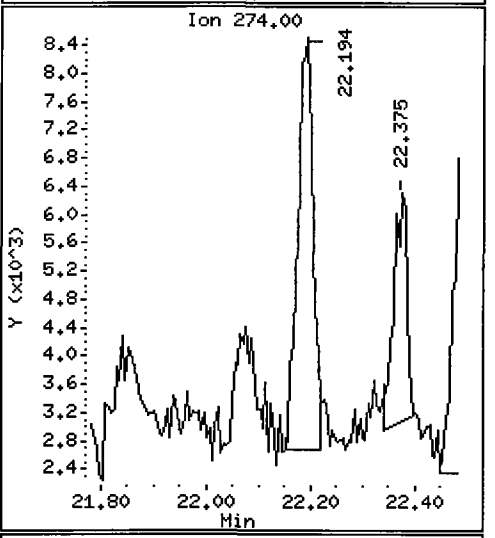
78 Indeno(1,2,3-cd)pyrene

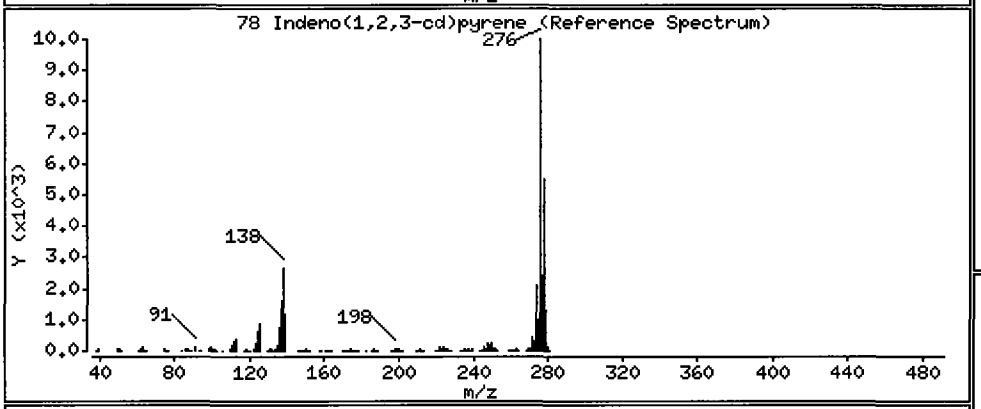
Concentration: 25.50 ug/kg

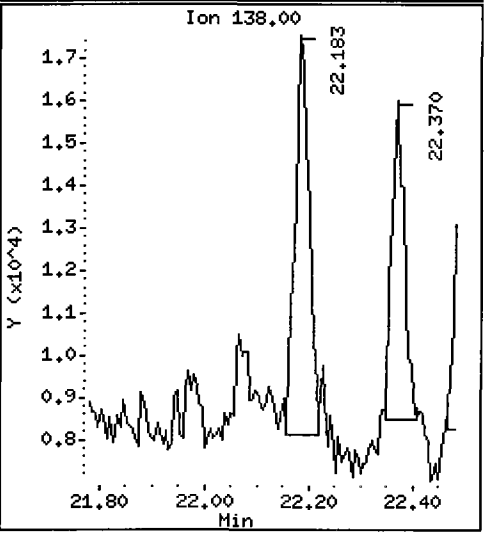


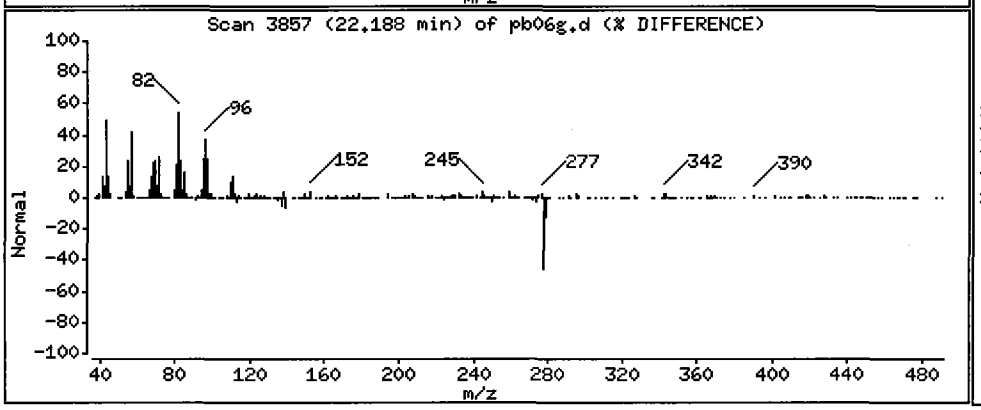












Data File: /chem1/nt6.i/20090611a.b/pb06g.d

Date : 11-JUN-2009 23:08

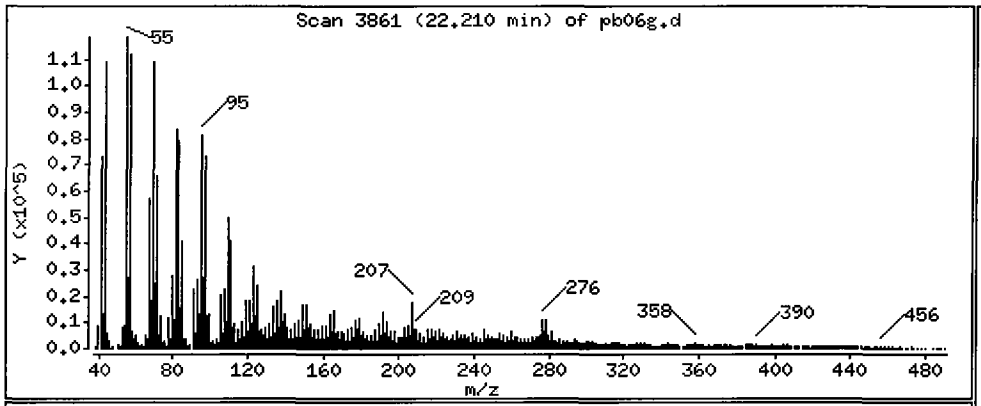
Client ID: BW-07-SS-090602 Instrument: nt6.i

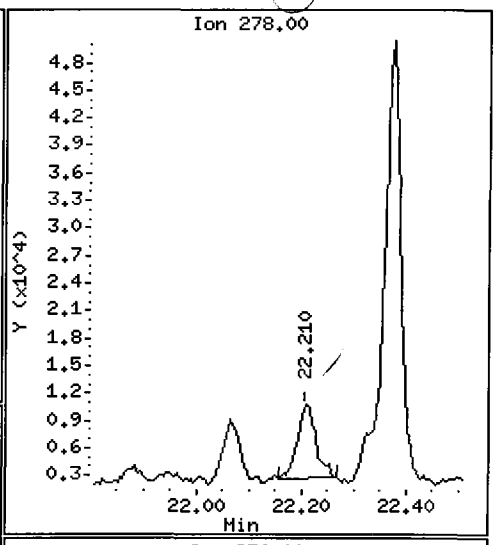
Sample Info: PB06G

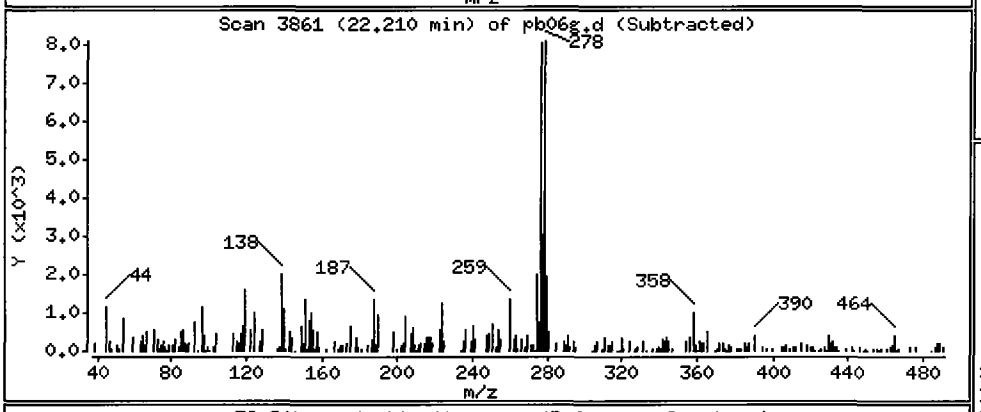
Volume Injected (uL): 1.0 Operator: LJR/VTS

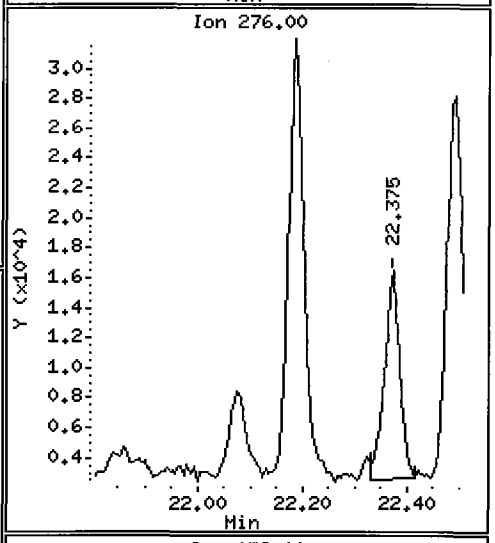
Column phase: ZB-5 Column diameter: 0.32

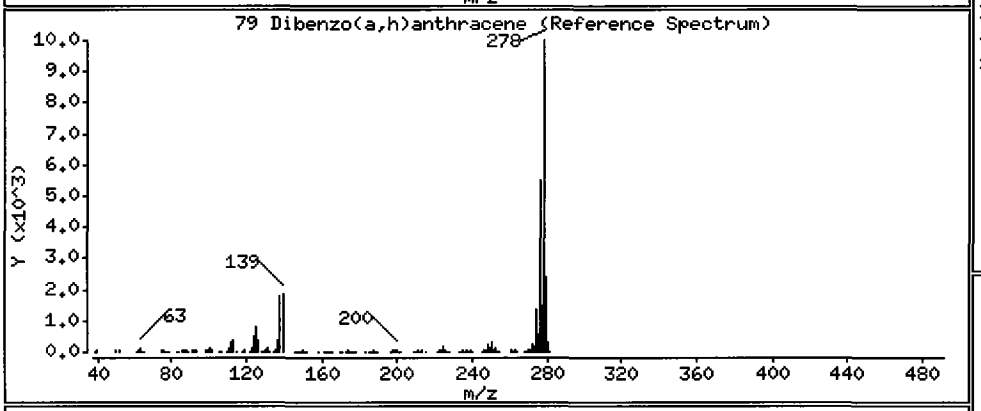
79 Dibenzo(a,h)anthracene Concentration: 10.94 ug/kg

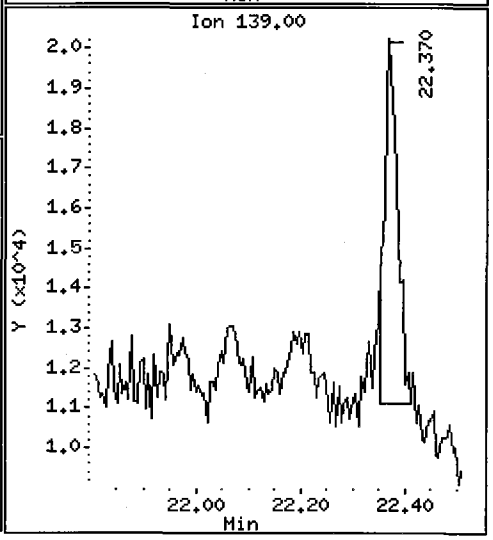


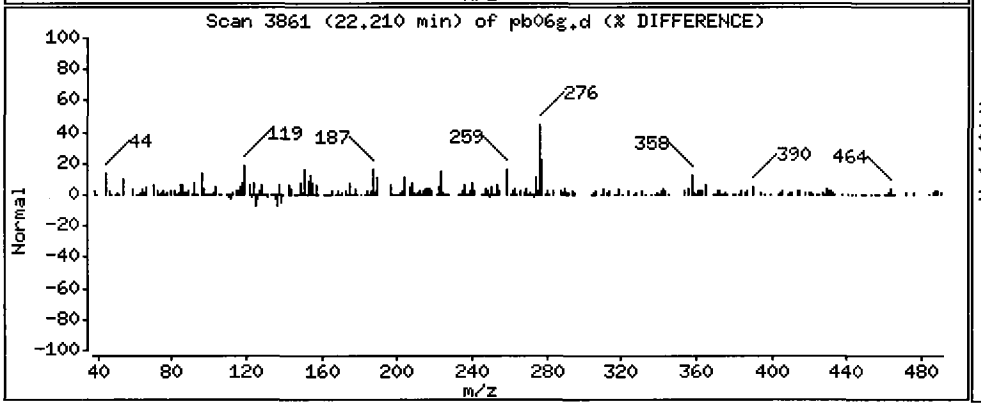












Data File: /chem1/nt6.i/20090611a.b/pb06g.d

Date : 11-JUN-2009 23:08

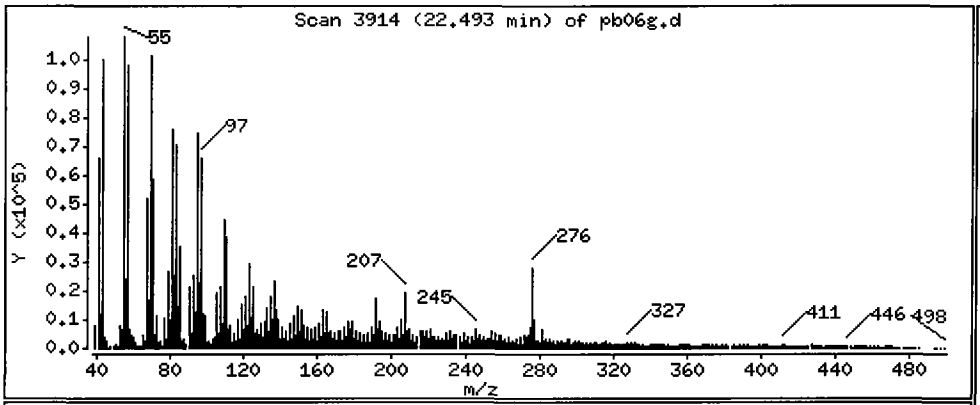
Client ID: BW-07-SS-090602 Instrument: nt6.i

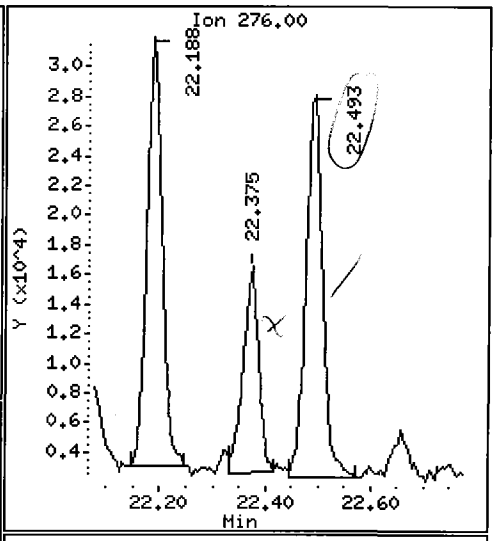
Sample Info: PB06G

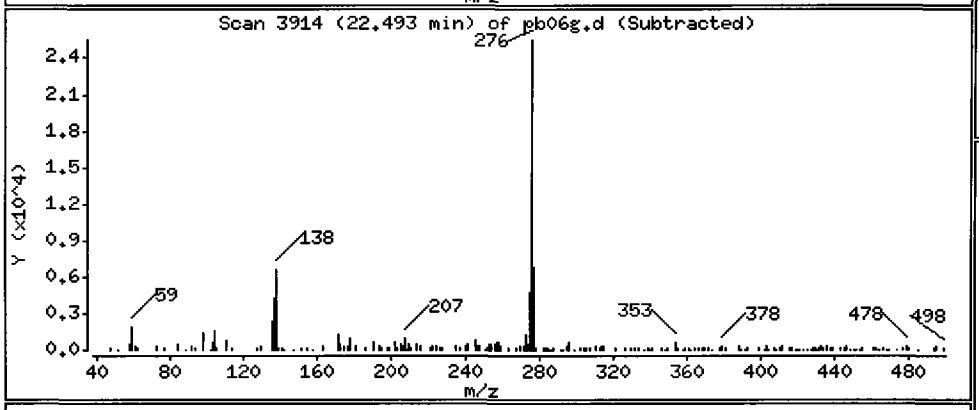
Volume Injected (uL): 1.0 Operator: LJR/VTS

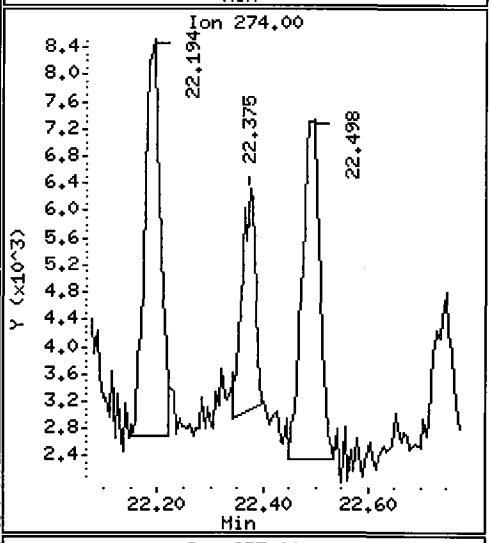
Column phase: ZB-5 Column diameter: 0.32

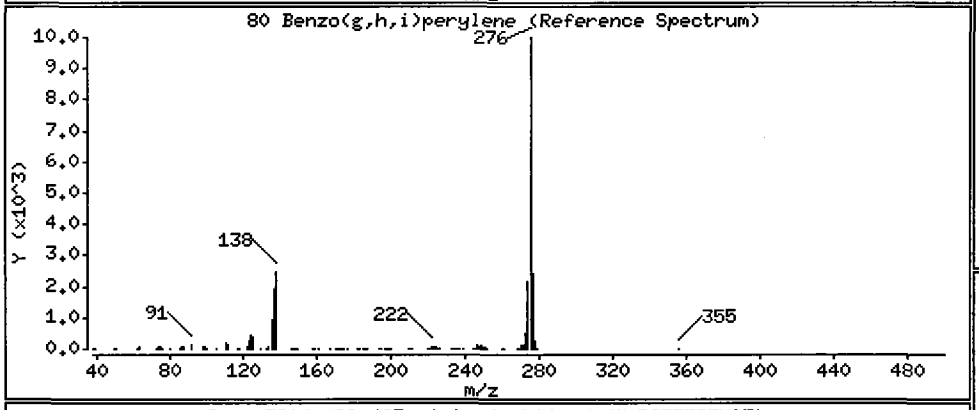
80 Benzo(g,h,i)perylene Concentration: 28.76 ug/kg

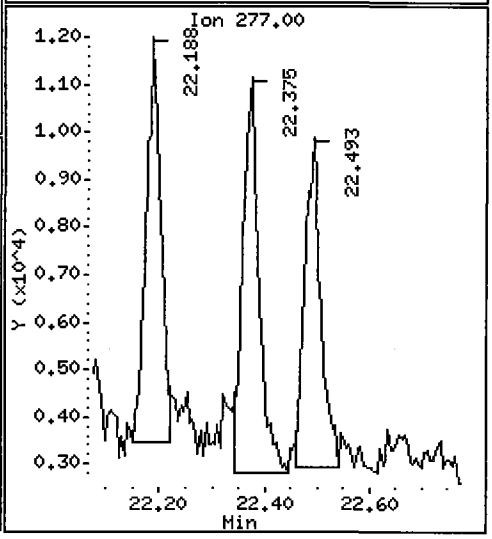


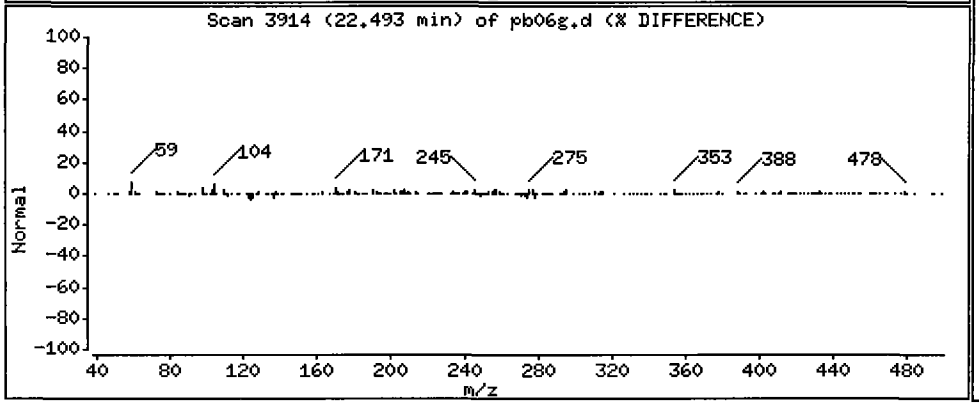












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: BW-09-SS-090602
SAMPLE

Lab Sample ID: PB06I
LIMS ID: 09-12550
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/12/09 00:46
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 46.1%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**19 J**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	**Naphthalene**	**20**	**14 J**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	**Acenaphthylene**	**20**	**10 J**
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**12 J**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**56**
120-12-7	**Anthracene**	**20**	**21**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**150**
129-00-0	**Pyrene**	**20**	**73**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**51**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**34**
218-01-9	**Chrysene**	**20**	**88**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**57**
207-08-9	**Benzo(k)fluoranthene**	**20**	**57**
50-32-8	**Benzo(a)pyrene**	**20**	**55**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**19 J**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	**Benzo(g,h,i)perylene**	**20**	**16 J**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	64.0%	2-Fluorobiphenyl	69.2%
d14-p-Terphenyl	60.8%	d4-1,2-Dichlorobenzene	56.8%
d5-Phenol	65.9%	2-Fluorophenol	67.5%
2,4,6-Tribromophenol	89.9%	d4-2-Chlorophenol	64.3%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611a.b/pb06i.d
Lab Smp Id: PB06I Client Smp ID: BW-09-SS-090602
Inj Date : 12-JUN-2009 00:46
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB06I
Misc Info : 09-12550
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611a.b/SW846.m
Meth Date : 15-Jun-2009 11:03 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/15/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	47.40000	Weight of sample extracted (g)
M	46.10000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.147	5.102	(0.720)	178677	25.2821	494.8
$	2 Phenol-d5	99	6.846	6.784	(0.958)	234721	24.7322	484.0
	3 Phenol	94	6.867	6.806	(0.961)	9751	0.95129 LDL	18.62
$	5 2-Chlorophenol-d4	132	6.862	6.838	(0.960)	139164	24.0636	470.9
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.145	7.131	(1.000)	85723	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.444	7.431	(1.042)	60776	14.2380	278.6
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	8.005	7.981	(1.120)	4228	0.61619 LOL	12.06
$	18 Nitrobenzene-d5	82	8.096	8.082	(0.880)	143948	16.0271	313.7
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.201	9.193	(1.000)	292447	20.0000	
	28 Naphthalene	128	9.228	9.220	(1.003)	12463	0.71688 LOL	14.03
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.012	11.004	(0.914)	215785	17.2775	338.1
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	11.797	11.778	(0.979)	8819	0.52771 LOL	10.33
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.048	12.035	(1.000)	168144	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	12.908	12.894	(1.071)	7317	0.58700 LOL	11.49
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.341	13.322	(1.107)	53958	33.6555	658.7
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.398	14.379	(1.000)	312771	20.0000	
	60 Phenanthrene	178	14.430	14.417	(1.002)	56901	2.86622	56.09
	61 Anthracene	178	14.505	14.486	(1.007)	21119	1.04933	20.54
	62 Carbazole	167	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63 Di-n-butylphthalate	149	Compound Not Detected.					
64 Fluoranthene	202	16.353	16.329	(1.136)	151845	7.49185	146.6
65 Pyrene	202	16.695	16.671	(0.893)	148924	3.73456	73.09
$ 66 Terphenyl-d14	244	17.053	17.028	(0.913)	390864	15.2029	297.5
67 Butylbenzylphthalate	149	Compound Not Detected.					
68 Benzo(a)anthracene	228	18.666	18.625	(0.999)	92119	2.59289	50.74
* 69 Chrysene-d12	240	18.687	18.652	(1.000)	481355	20.0000	
70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71 Chrysene	228	18.724	18.690	(1.002)	153595	4.51513	88.36
72 bis(2-Ethylhexyl)phthalate	149	18.981	18.957	(0.953)	37517	1.75406	34.33
* 134 Di-n-octylphthalate-d4	153	19.915	19.891	(1.000)	689621	20.0000	
73 Di-n-octylphthalate	149	Compound Not Detected.					
74 Benzo(b)fluoranthene	252	20.305	20.265	(0.975)	197308	5.86342 > T	114.8 2.893
75 Benzo(k)fluoranthene	252	20.305	20.303	(0.975)	197308	5.70864	111.7 2.893
76 Benzo(a)pyrene	252	20.743	20.703	(0.996)	85437	2.80474	54.89
* 77 Perylene-d12	264	20.829	20.783	(1.000)	464366	20.0000	
78 Indeno(1,2,3-cd)pyrene	276	22.180	22.135	(1.065)	40342	0.99346 LOL	19.44
79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80 Benzo(g,h,i)perylene	276	22.485	22.428	(1.079)	28835	0.81250	15.90
90 N-Nitrosodimethylamine	74	Compound Not Detected.					
91 Aniline	93	Compound Not Detected.					
93 Benzidine	184	Compound Not Detected.					
103 Pyridine	79	Compound Not Detected.					
105 1-methylnaphthalene	141	Compound Not Detected.					
111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb06i.d
Lab Smp Id: PB06I
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12550

Calibration Date: 11-JUN-2009
Calibration Time: 15:29
Client Smp ID: BW-09-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	85723	-23.73
27 Naphthalene-d8	384492	192246	768984	292447	-23.94
42 Acenaphthene-d10	217478	108739	434956	168144	-22.68
59 Phenanthrene-d10	336594	168297	673188	312771	-7.08
69 Chrysene-d12	247160	123580	494320	481355	94.75
134 Di-n-octylphthala	347036	173518	694072	689621	98.72
77 Perylene-d12	232938	116469	465876	464366	99.35

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.14	0.19
27 Naphthalene-d8	9.19	8.69	9.69	9.20	0.09
42 Acenaphthene-d10	12.03	11.53	12.53	12.05	0.11
59 Phenanthrene-d10	14.38	13.88	14.88	14.40	0.13
69 Chrysene-d12	18.65	18.15	19.15	18.69	0.19
134 Di-n-octylphthala	19.89	19.39	20.39	19.92	0.12
77 Perylene-d12	20.78	20.28	21.28	20.83	0.22

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06I
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12550

Client SDG: PB06
Fraction: SV
Client Smp ID: BW-09-SS-090602
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

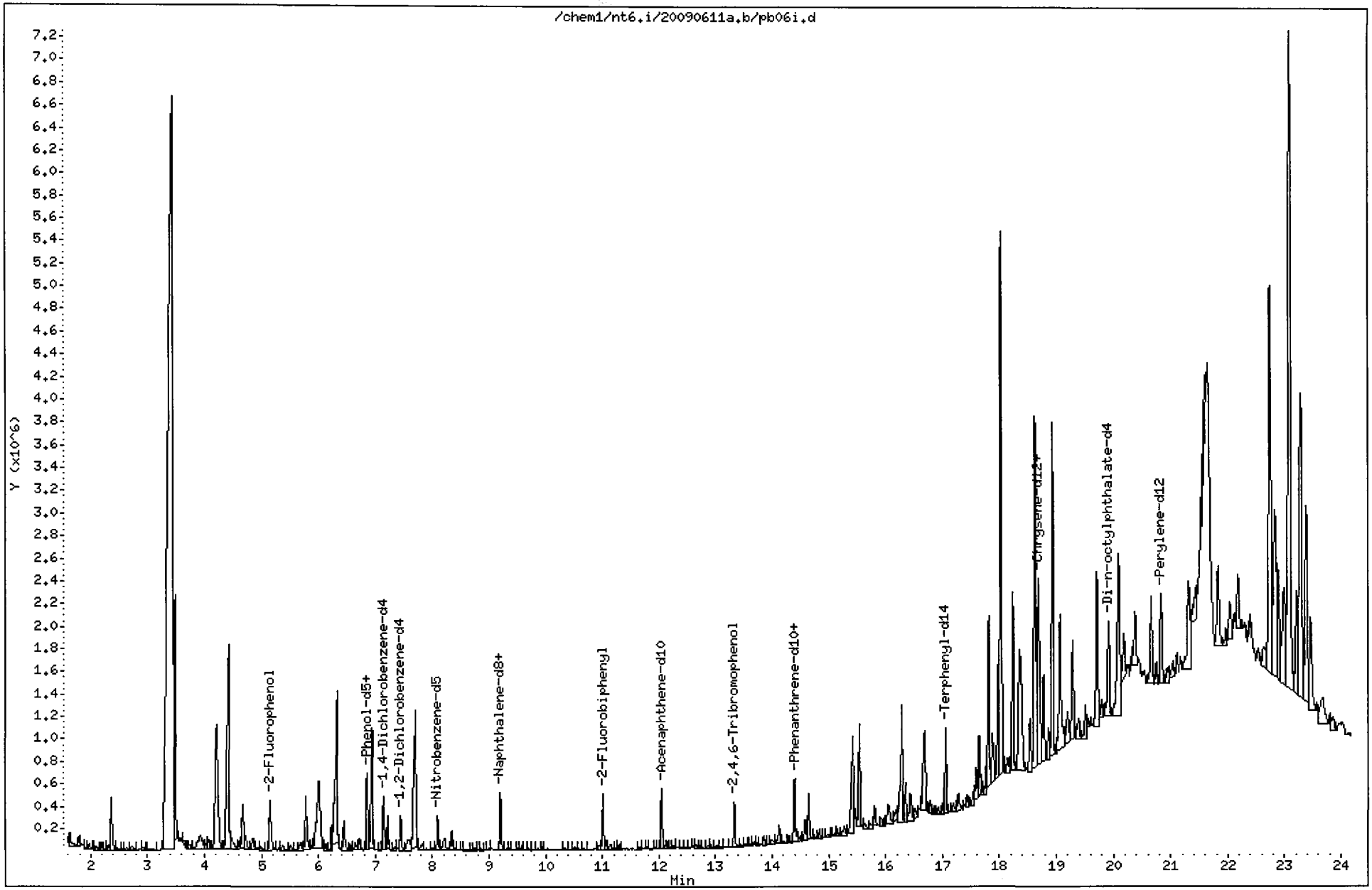
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	733.9	494.8	67.42	21-100
$ 2 Phenol-d5	733.9	484.0	65.95	10-100
$ 5 2-Chlorophenol-d4	733.9	470.9	64.17	30-100
$ 10 1,2-Dichlorobenzen	489.3	278.6	56.95	24-100
$ 18 Nitrobenzene-d5	489.3	313.7	64.11	26-100
$ 36 2-Fluorobiphenyl	489.3	338.1	69.11	32-100
$ 55 2,4,6-Tribromophen	733.9	658.7	89.75	33-118
$ 66 Terphenyl-d14	489.3	297.5	60.81	21-97

Data File: /chem1/nt6.i/20090611a.b/pb06i.d
Date : 12-JUN-2009 00:46
Client ID: BW-09-SS-090602
Sample Info: PB06I
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32

PB06:060225



Data File: /chem1/nt6.i/20090611a.b/pb06i.d

Date : 12-JUN-2009 00:46

Client ID: BW-09-SS-090602

Instrument: nt6.i

Sample Info: PB06I

Volume Injected (uL): 1.0

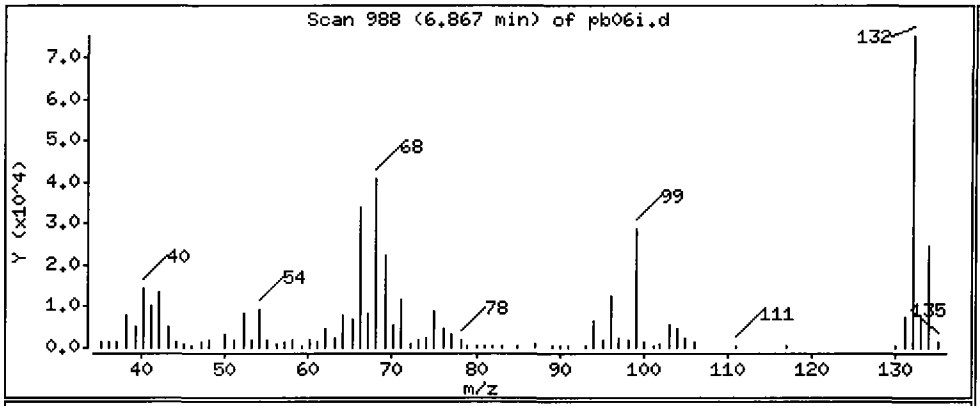
Operator: LJR/VTS

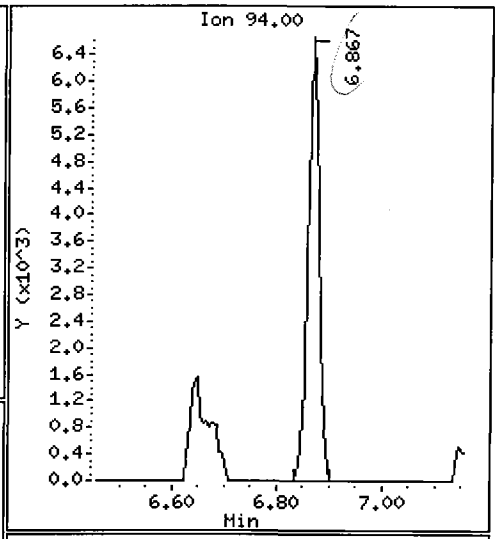
Column phase: ZB-5

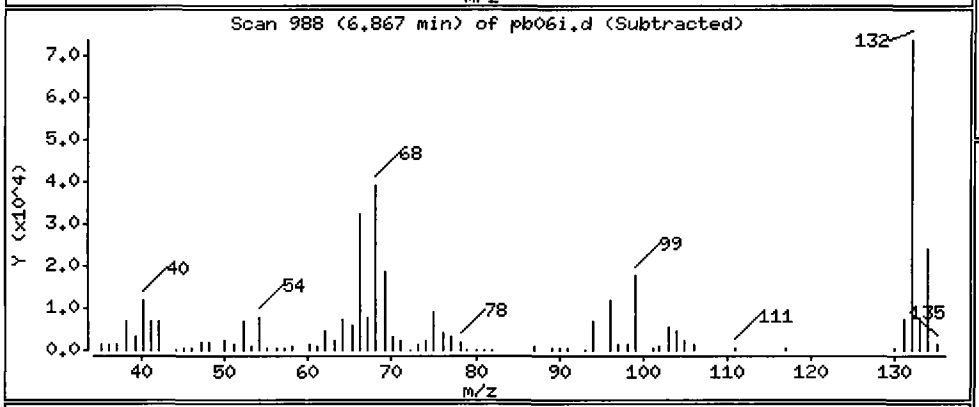
Column diameter: 0.32

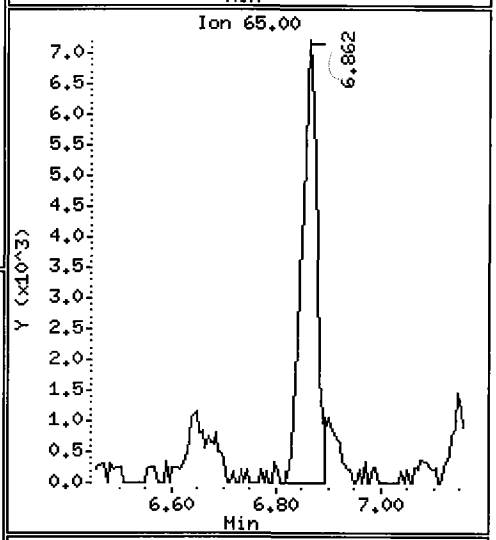
3 Phenol

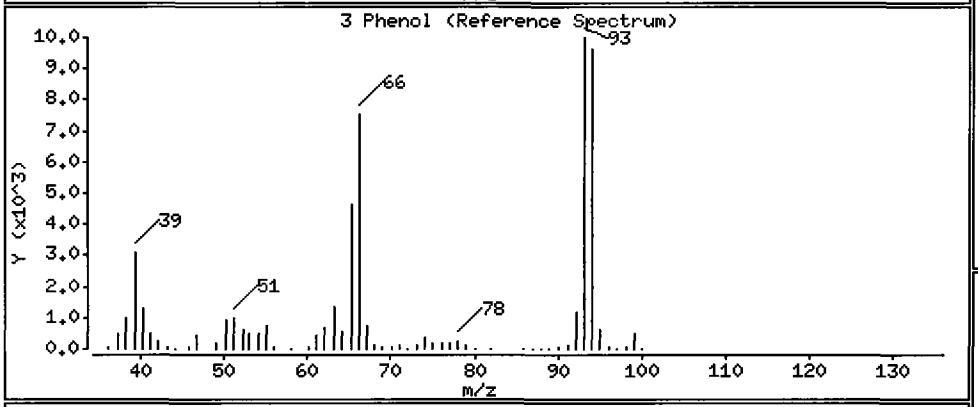
Concentration: 18.62 ug/kg

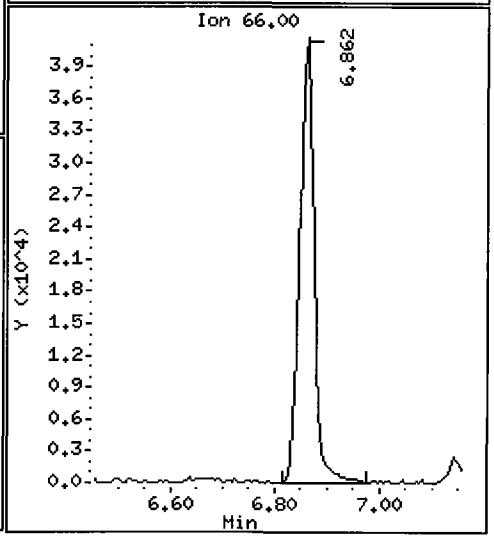


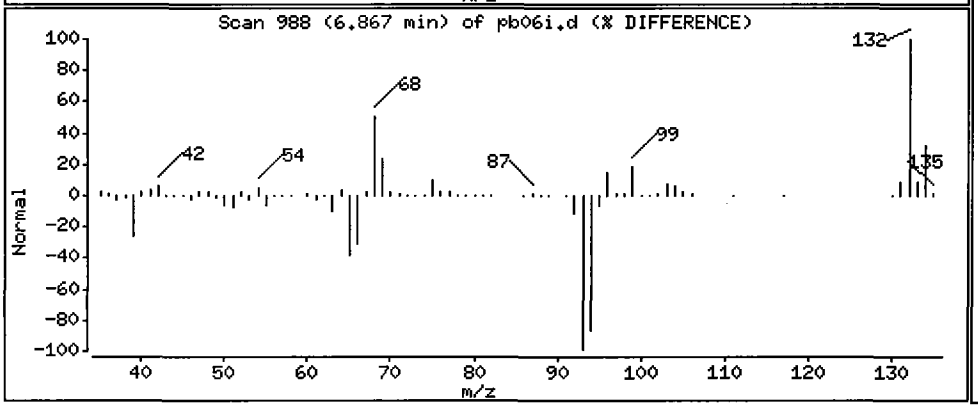












Data File: /chem1/nt6.i/20090611a.b/pb06i.d

Date : 12-JUN-2009 00:46

Client ID: BW-09-SS-090602

Instrument: nt6.i

Sample Info: PB06I

Volume Injected (uL): 1.0

Operator: LJR/VTS

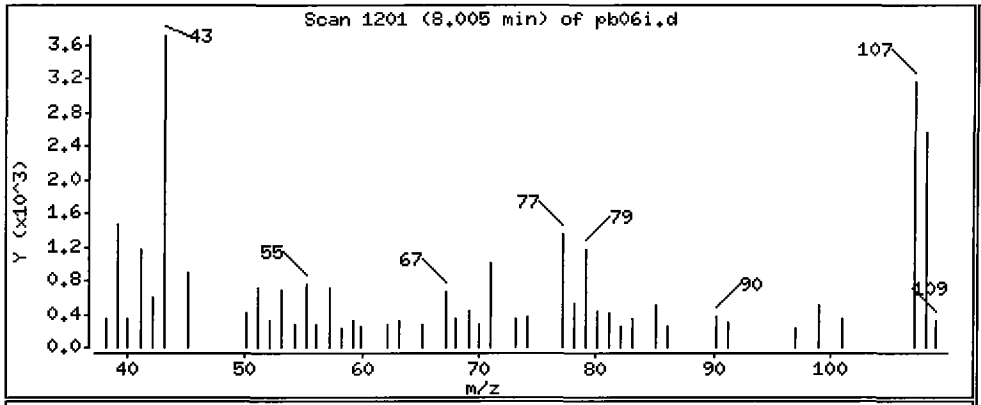
Column phase: ZB-5

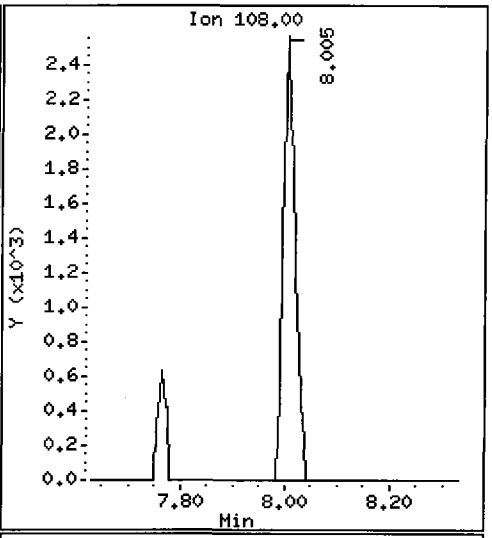
Column diameter: 0.32

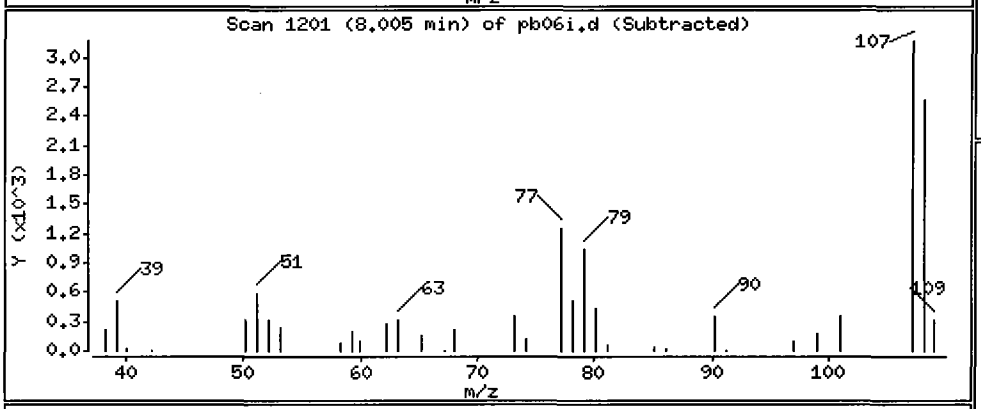
15 4-Methylphenol

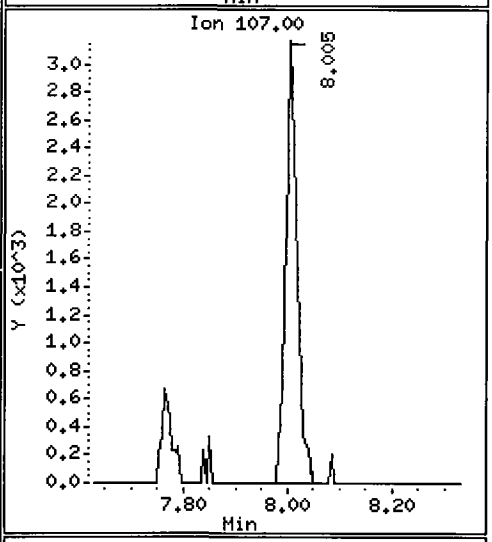
Concentration: 12.06 ug/kg

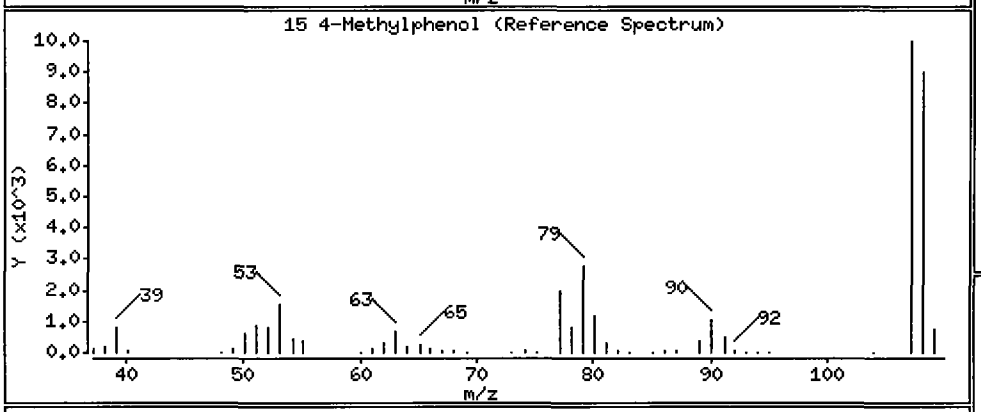
LMM

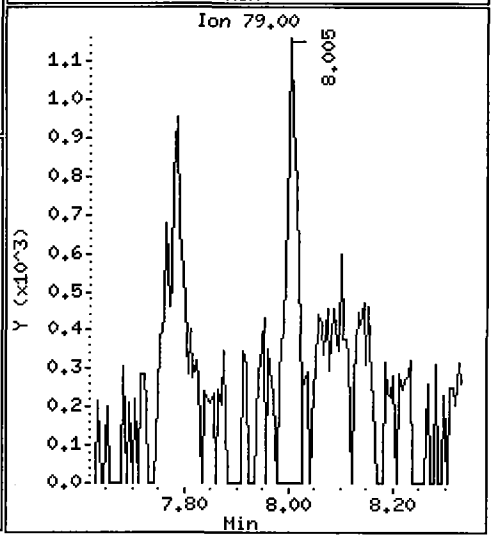


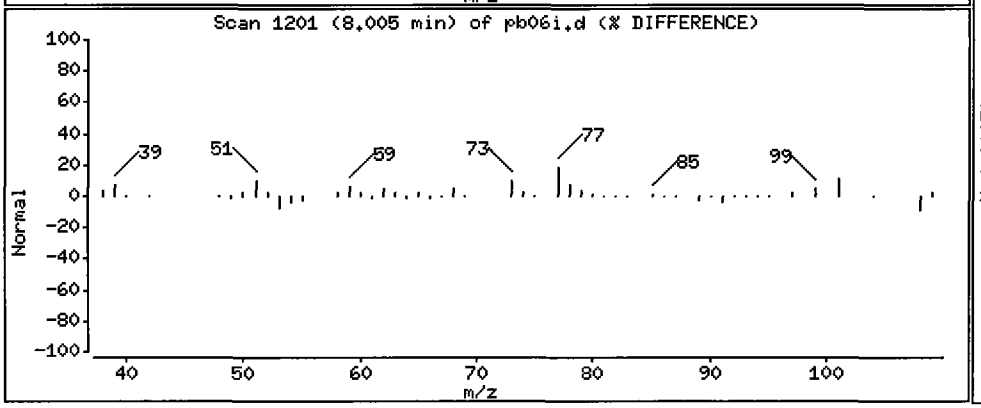












Data File: /chem1/nt6.i/20090611a.b/pb06i.d

Date : 12-JUN-2009 00:46

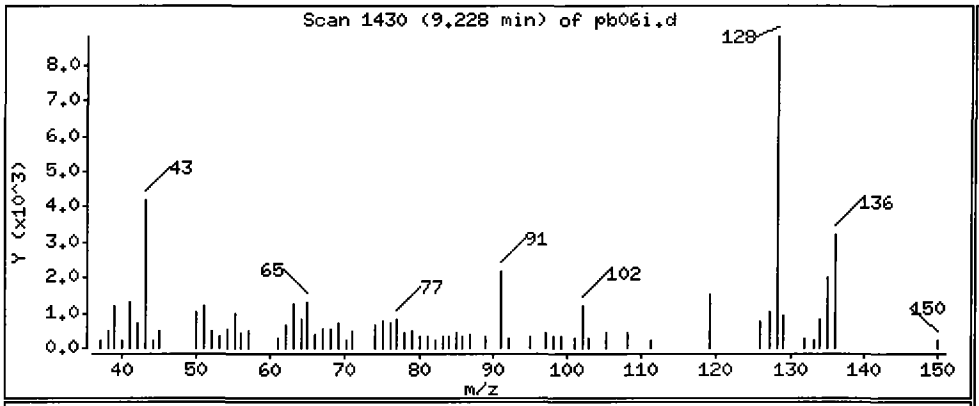
Client ID: BW-09-SS-090602 Instrument: nt6.i

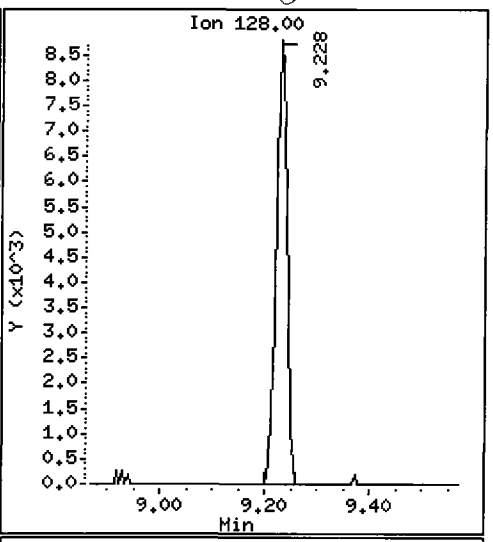
Sample Info: PB06I

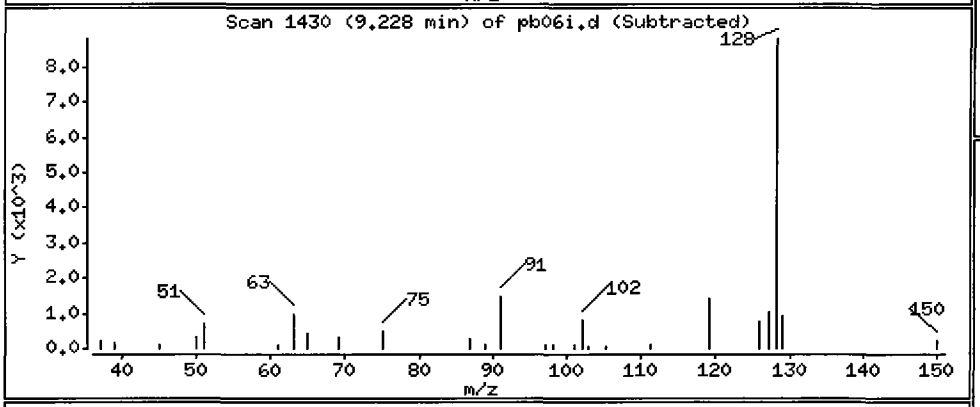
Volume Injected (uL): 1.0 Operator: LJR/VTS

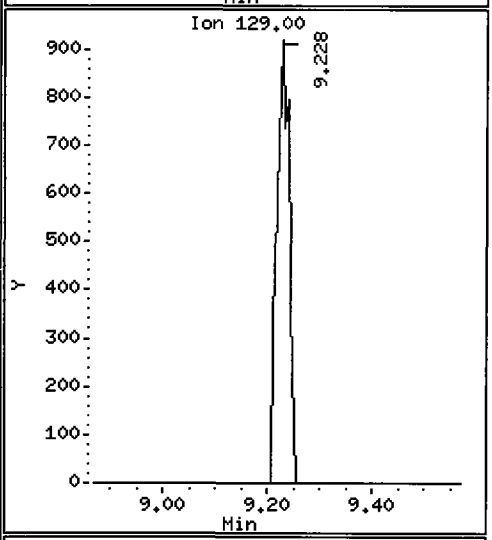
Column phase: ZB-5 Column diameter: 0.32

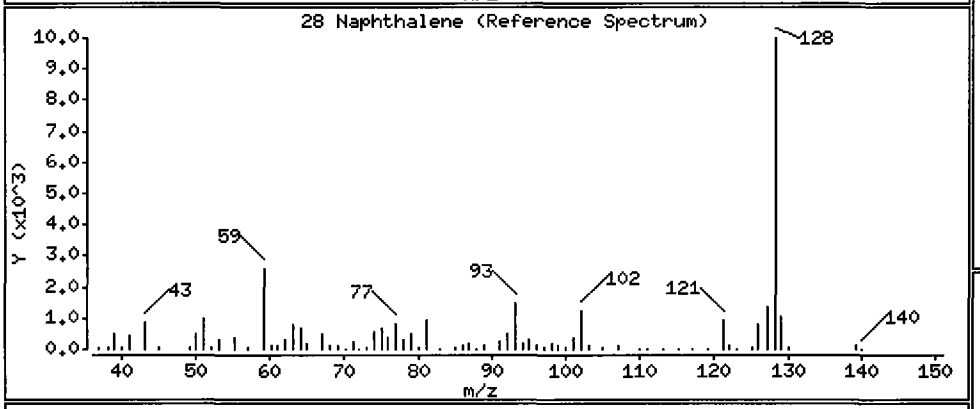
28 Naphthalene Concentration: 14.03 ug/kg

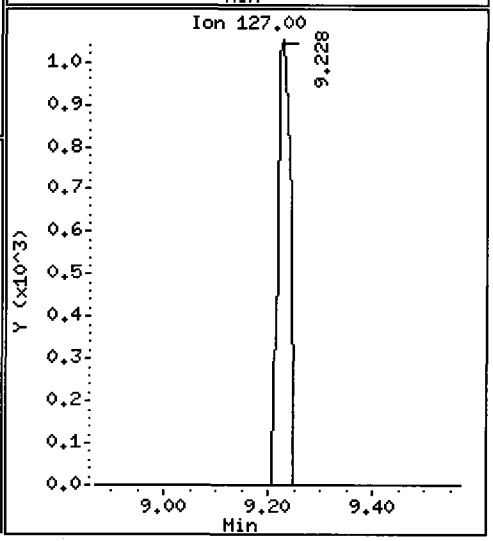


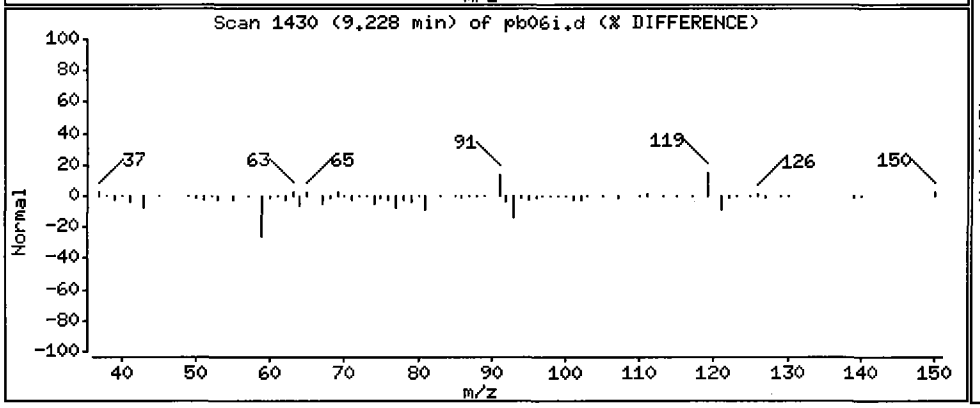












Data File: /chem1/nt6.i/20090611a.b/pb06i.d

Date : 12-JUN-2009 00:46

Client ID: BW-09-SS-090602

Instrument: nt6.i

Sample Info: PB06I

Volume Injected (uL): 1.0

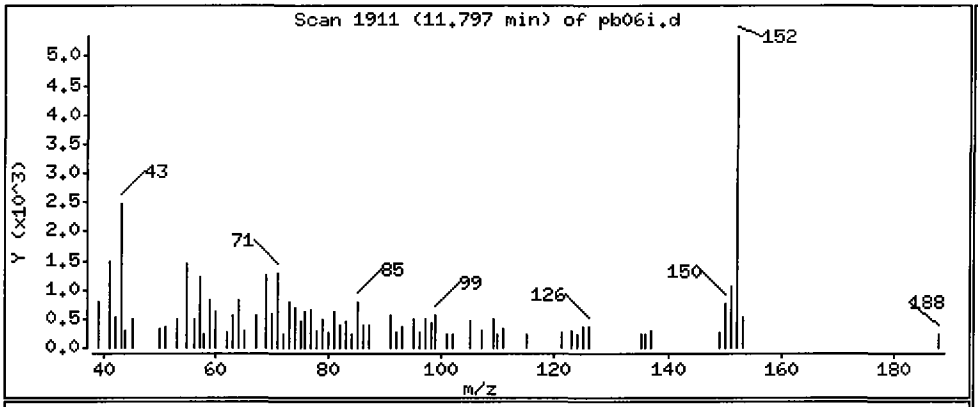
Operator: LJR/VTS

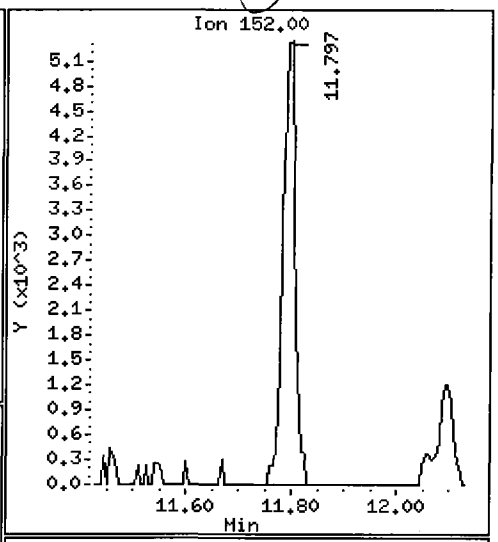
Column phase: ZB-5

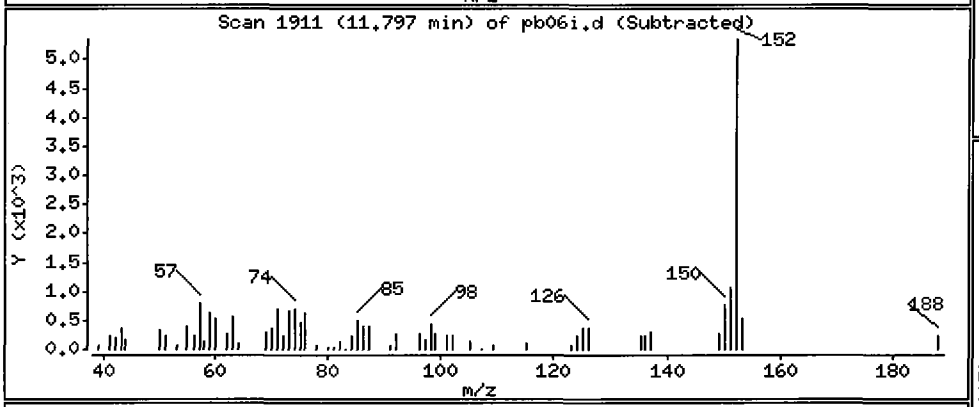
Column diameter: 0.32

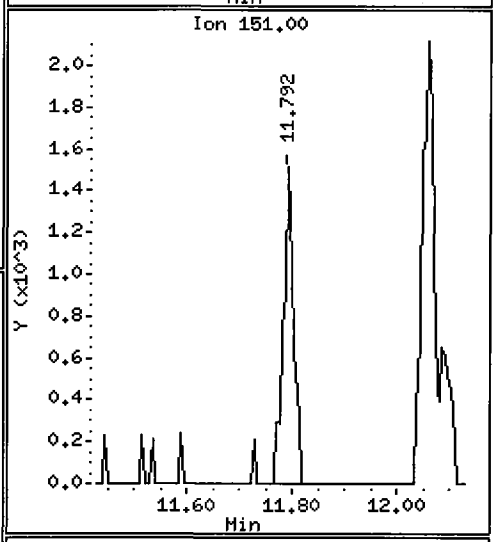
40 Acenaphthylene

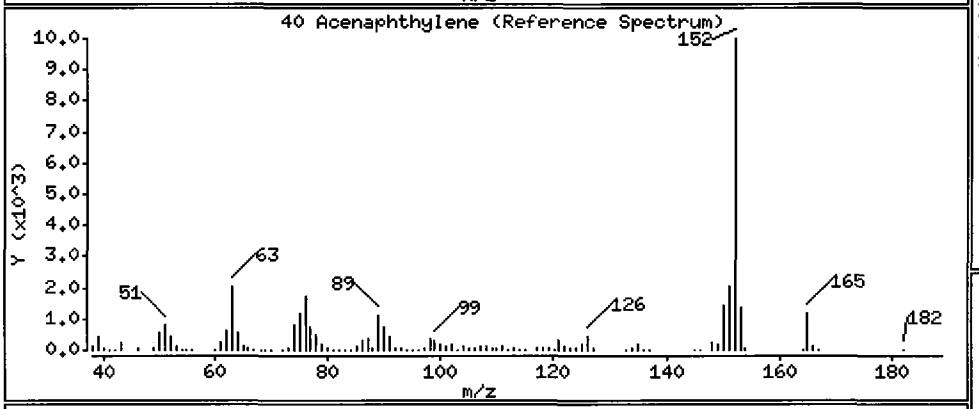
Concentration: 10.33 ug/kg

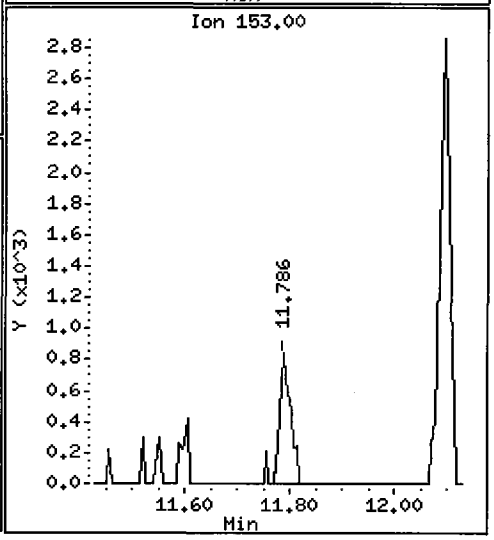


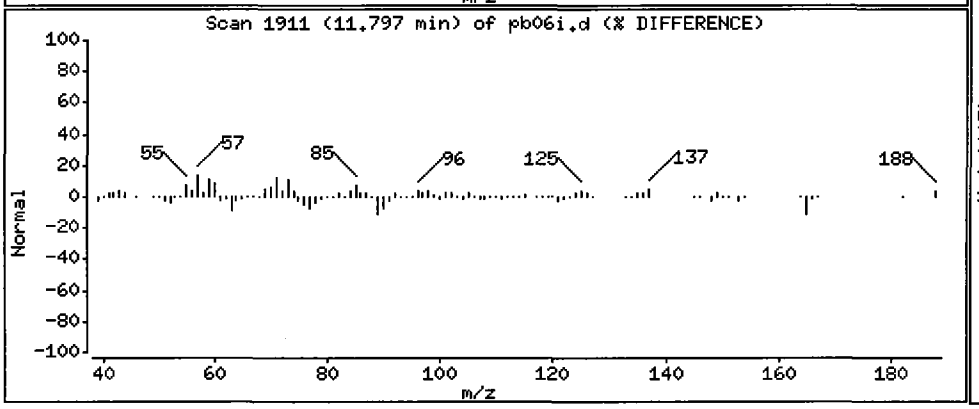












Data File: /chem1/nt6.i/20090611a.b/pb06i.d

Date : 12-JUN-2009 00:46

Client ID: BW-09-SS-090602

Instrument: nt6.i

Sample Info: PB06I

Volume Injected (uL): 1.0

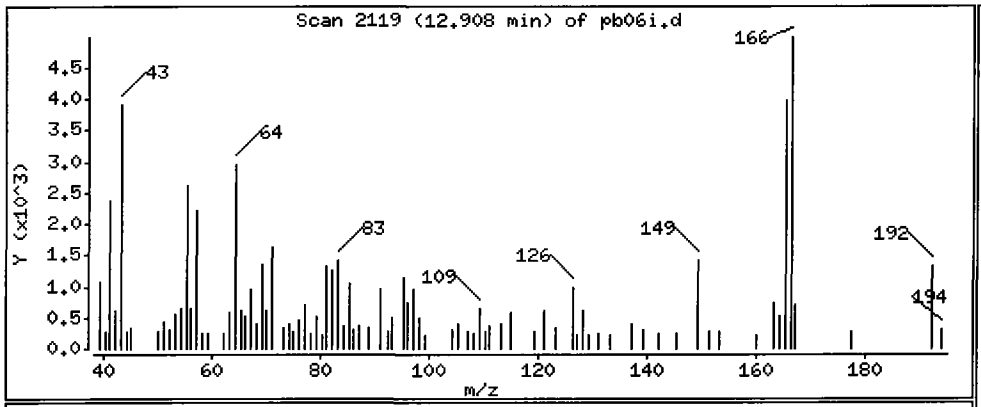
Operator: LJR/VTS

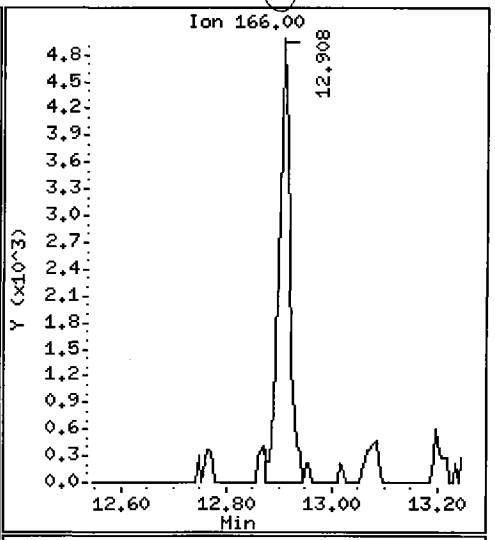
Column phase: ZB-5

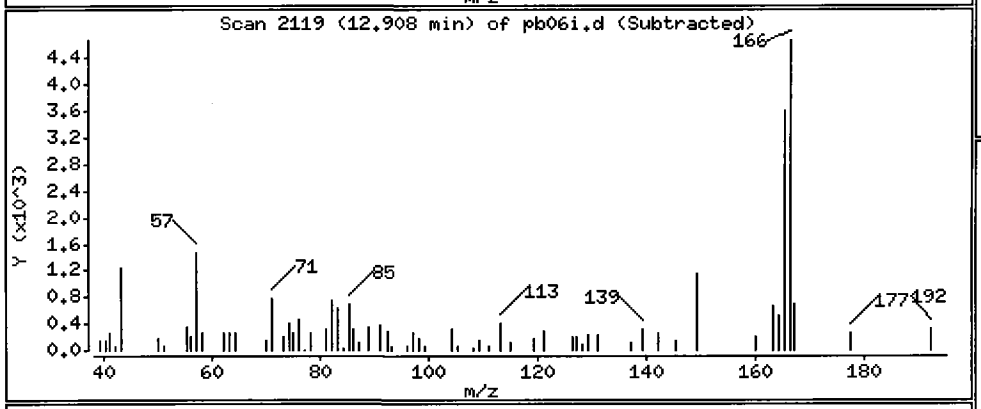
Column diameter: 0.32

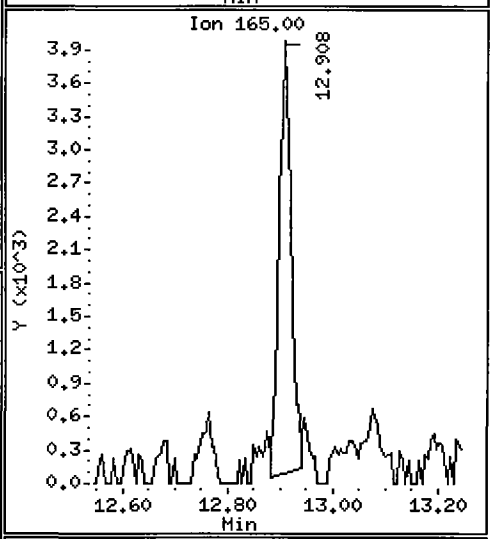
49 Fluorene

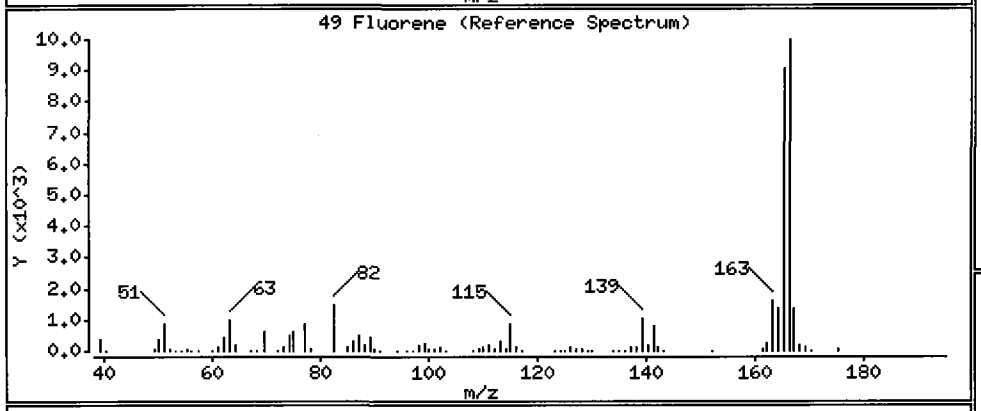
Concentration: 11.49 ug/kg

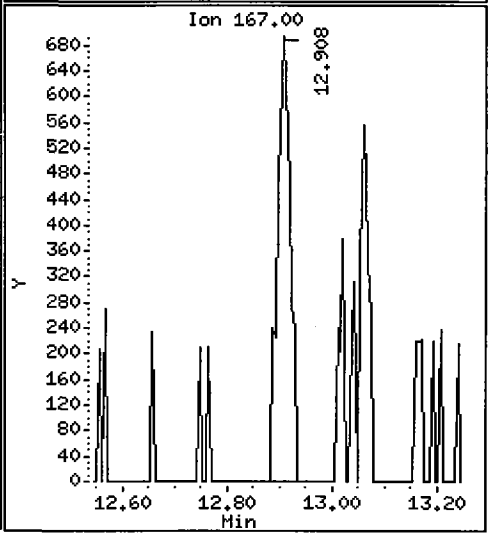


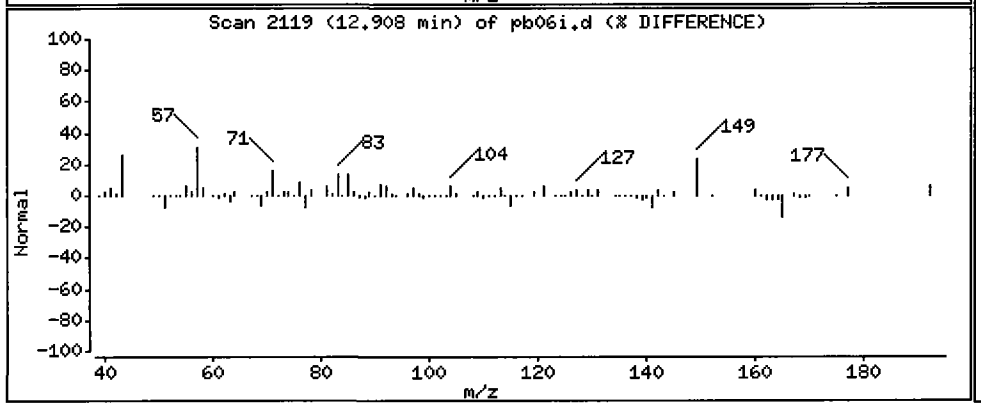












Data File: /chem1/nt6.i/20090611a.b/pb06i.d

Date : 12-JUN-2009 00:46

Client ID: BW-09-SS-090602

Instrument: nt6.i

Sample Info: PB06I

Volume Injected (uL): 1.0

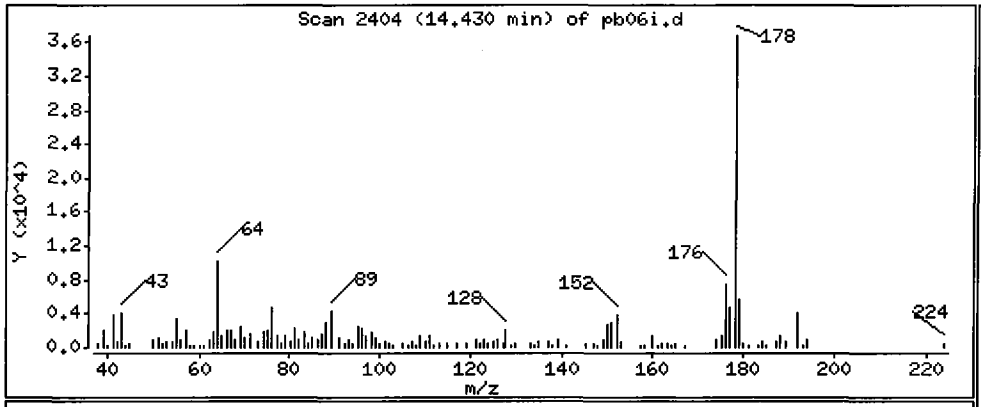
Operator: LJR/VTS

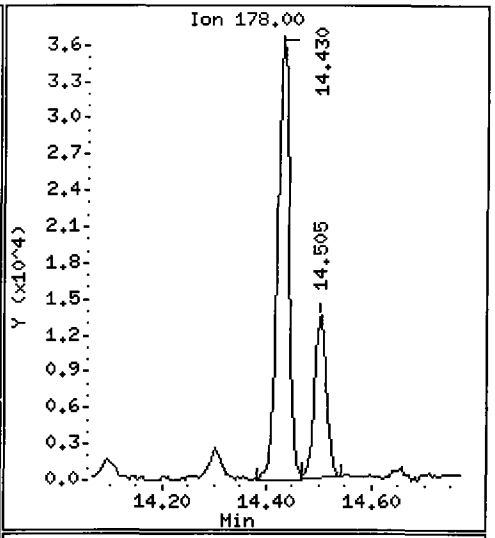
Column phase: ZB-5

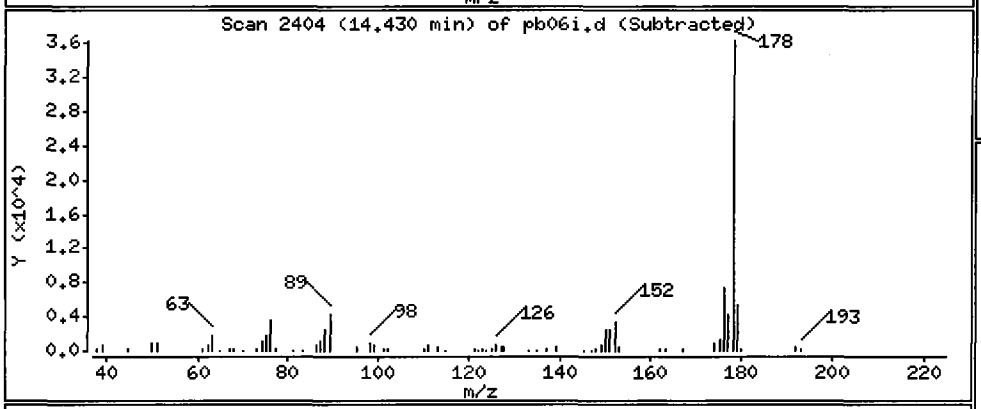
Column diameter: 0.32

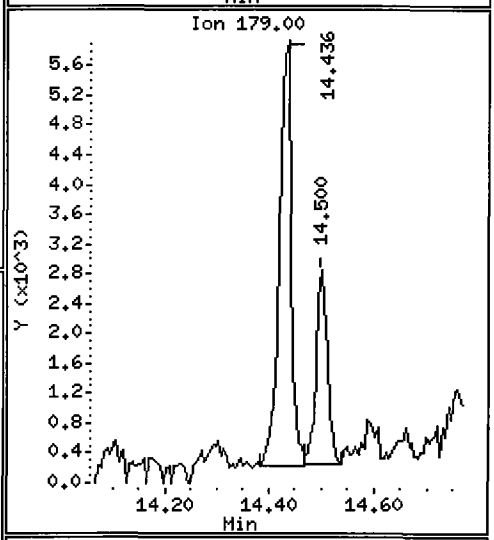
60 Phenanthrene

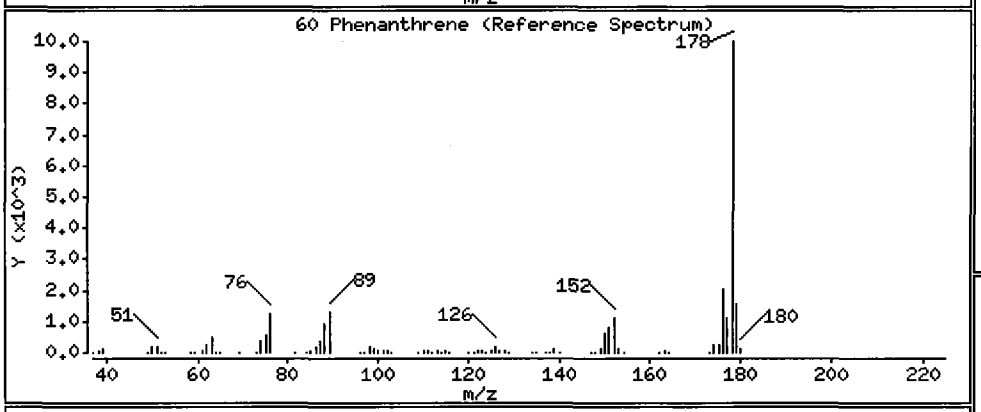
Concentration: 56.09 ug/kg

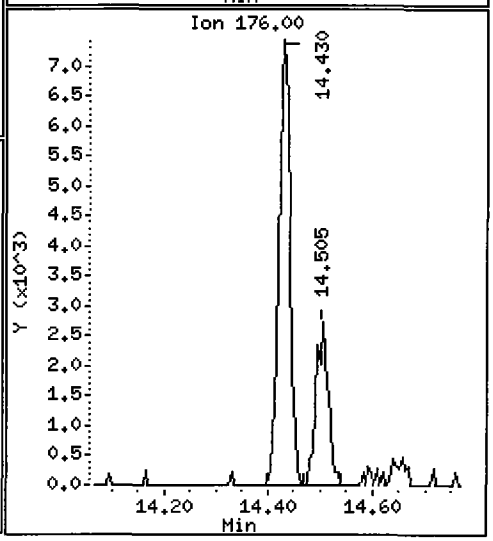


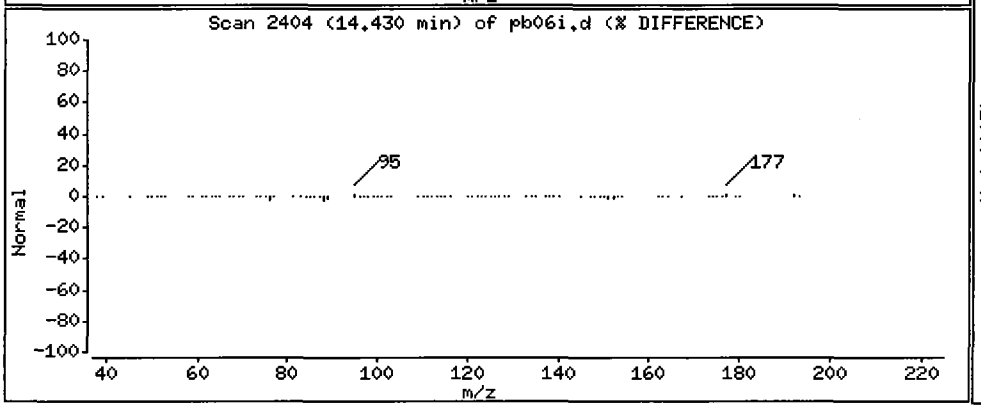












Data File: /chem1/nt6.i/20090611a.b/pb06i.d

Date : 12-JUN-2009 00:46

Client ID: BW-09-SS-090602

Instrument: nt6.i

Sample Info: PB06I

Volume Injected (uL): 1.0

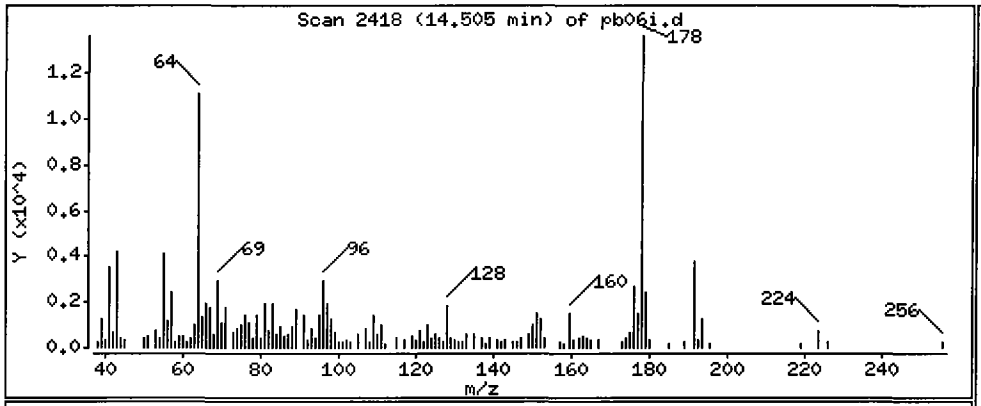
Operator: LJR/VTS

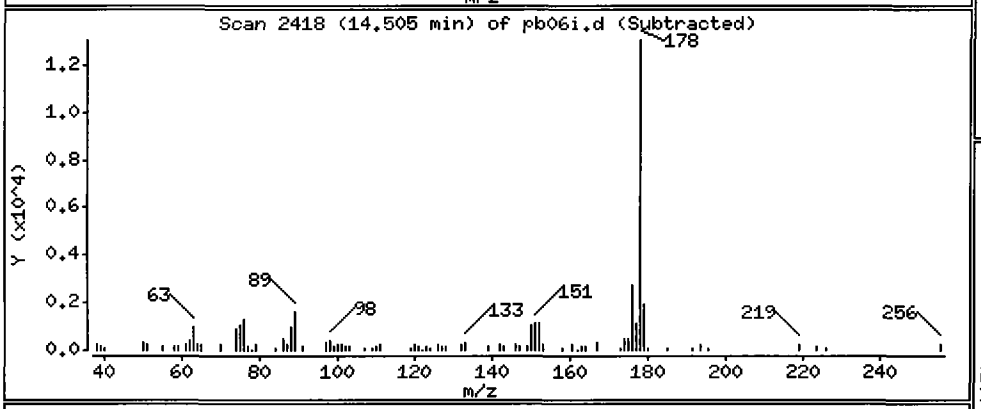
Column phase: ZB-5

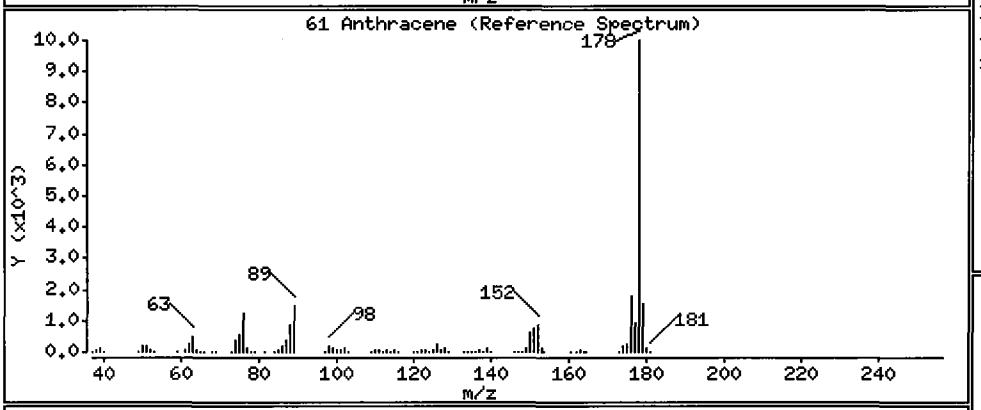
Column diameter: 0.32

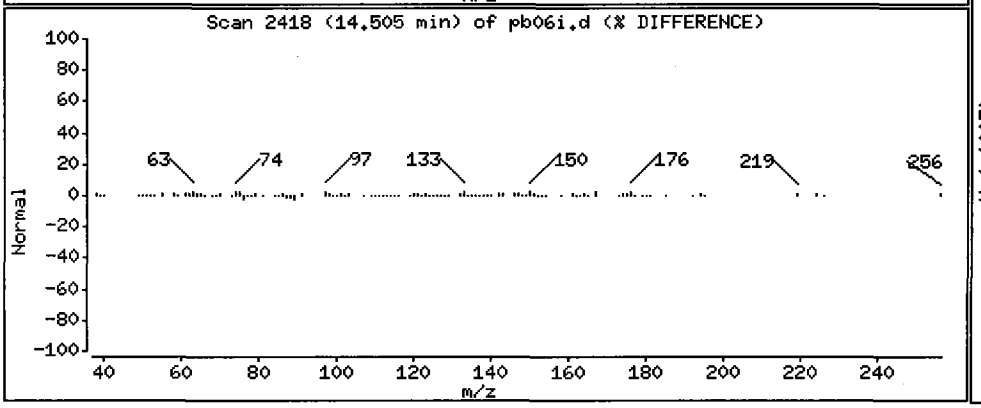
61 Anthracene

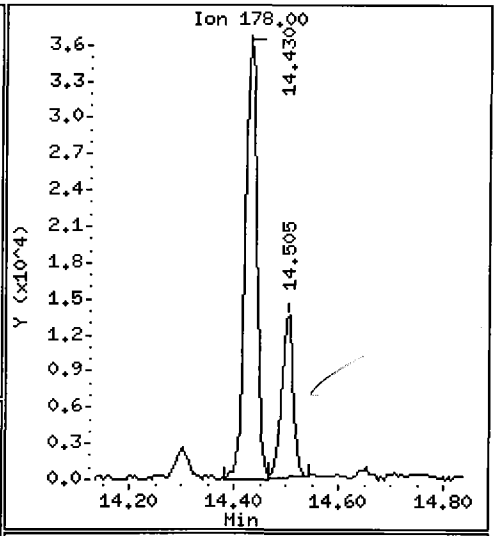
Concentration: 20.54 ug/kg

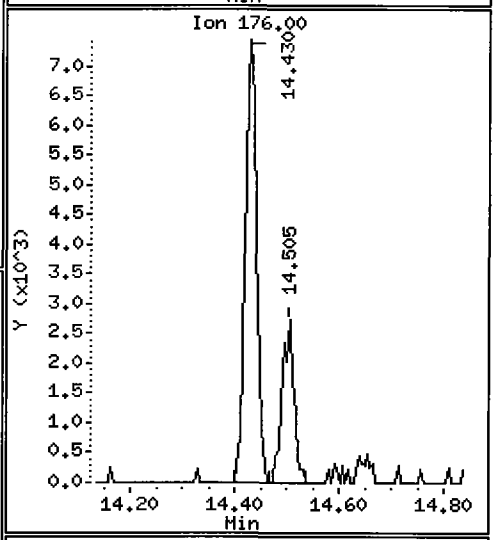


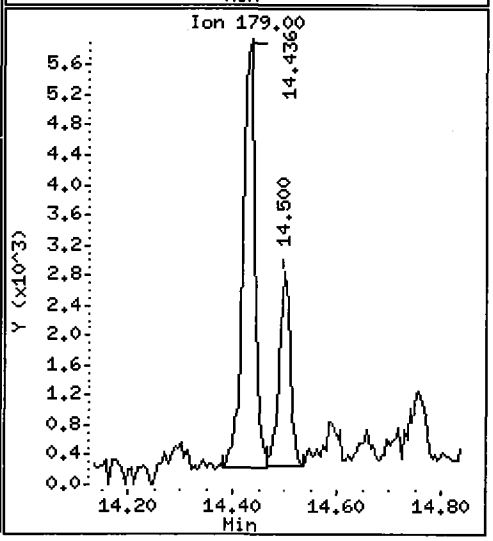












Data File: /chem1/nt6.i/20090611a.b/pb06i.d

Date : 12-JUN-2009 00:46

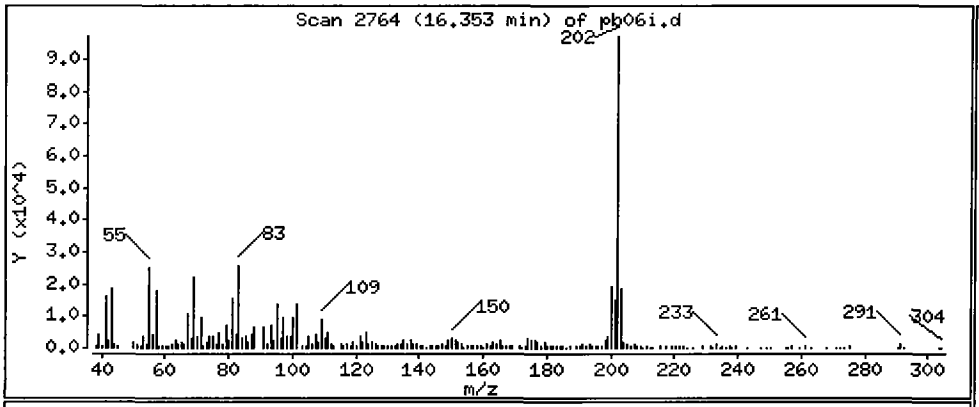
Client ID: BW-09-SS-090602 Instrument: nt6.i

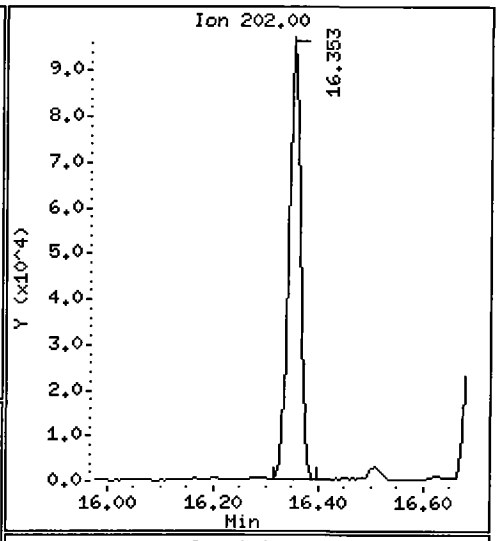
Sample Info: PB06I

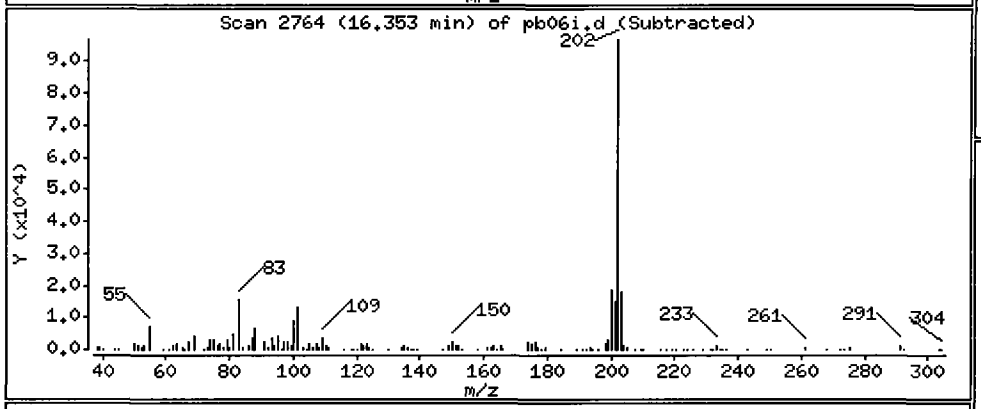
Volume Injected (uL): 1.0 Operator: LJR/VTS

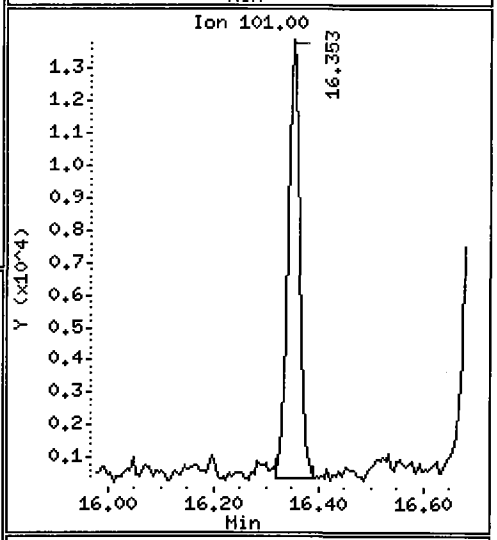
Column phase: ZB-5 Column diameter: 0.32

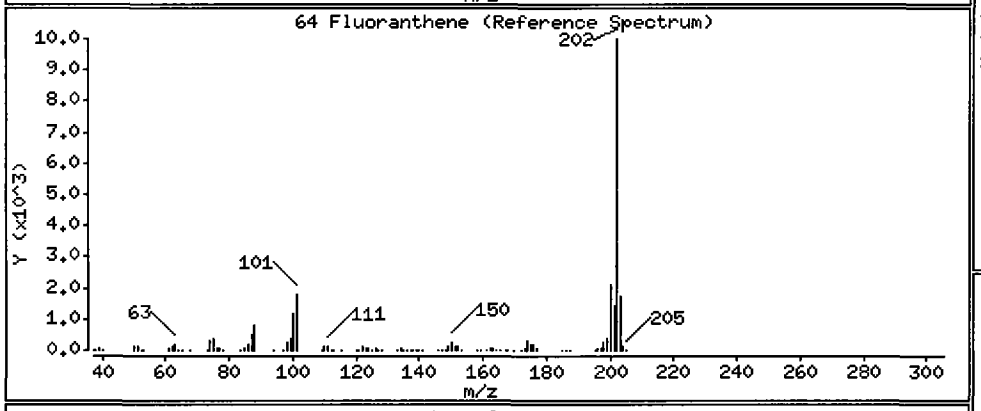
64 Fluoranthene Concentration: 146.6 ug/kg

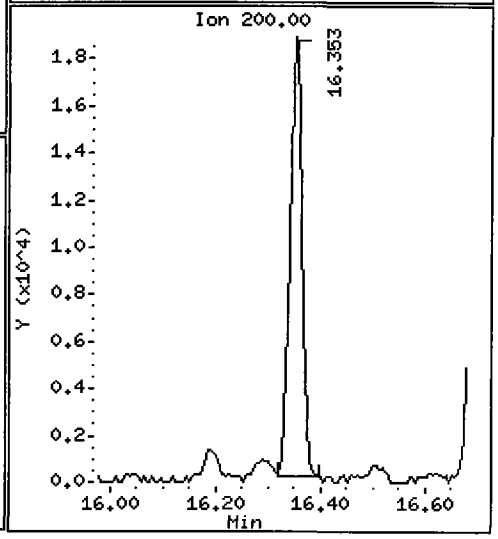


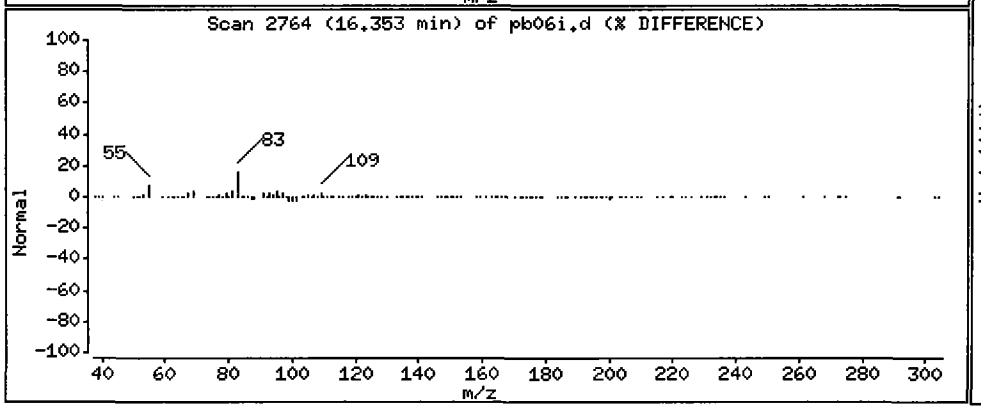












Data File: /chem1/nt6.i/20090611a.b/pb06i.d

Date : 12-JUN-2009 00:46

Client ID: BW-09-SS-090602

Instrument: nt6.i

Sample Info: PB06I

Volume Injected (uL): 1.0

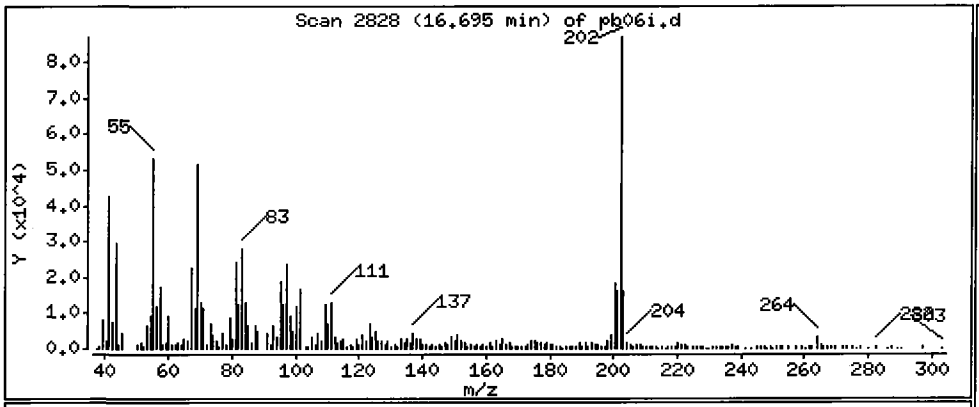
Operator: LJR/VTS

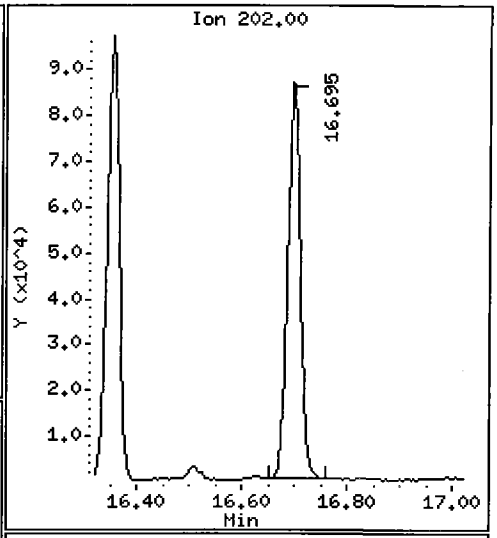
Column phase: ZB-5

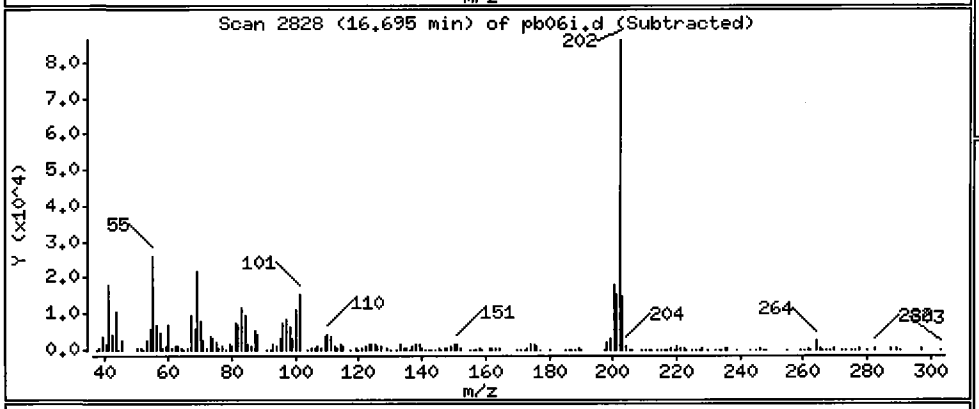
Column diameter: 0.32

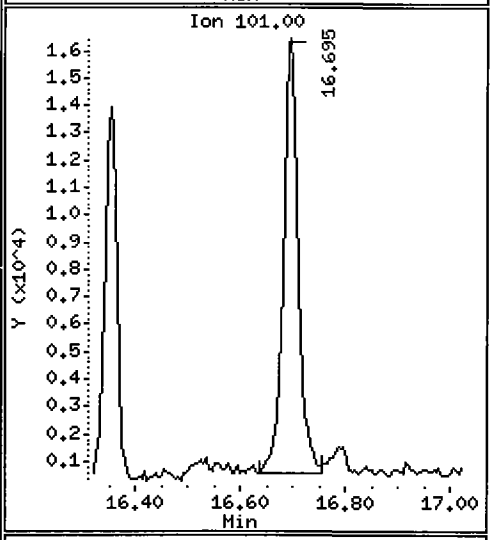
65 Pyrene

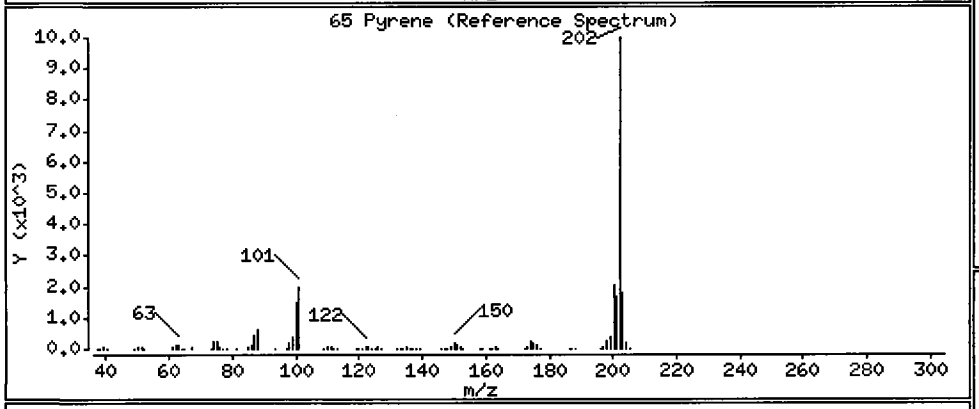
Concentration: 73.09 ug/kg

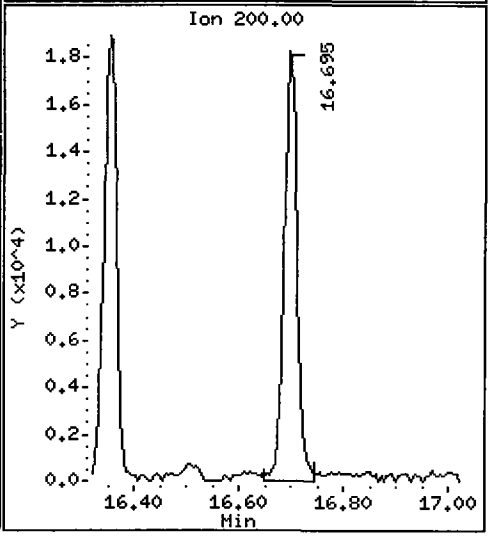


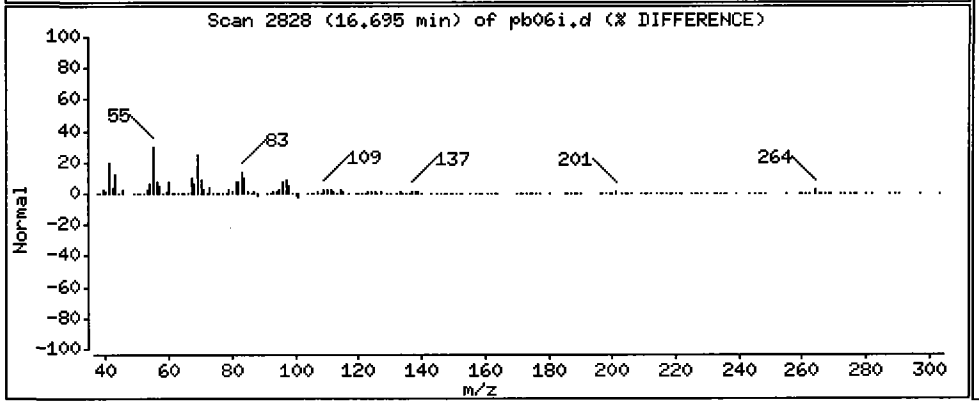












Data File: /chem1/nt6.i/20090611a.b/pb06i.d

Date : 12-JUN-2009 00:46

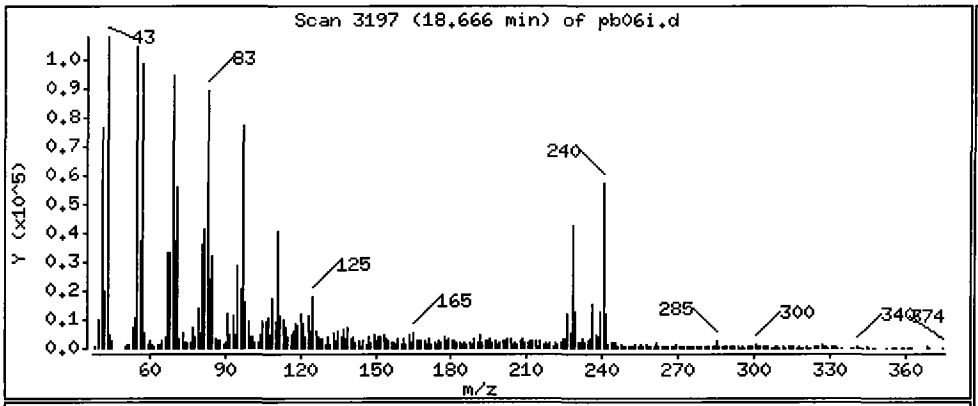
Client ID: BW-09-SS-090602 Instrument: nt6.i

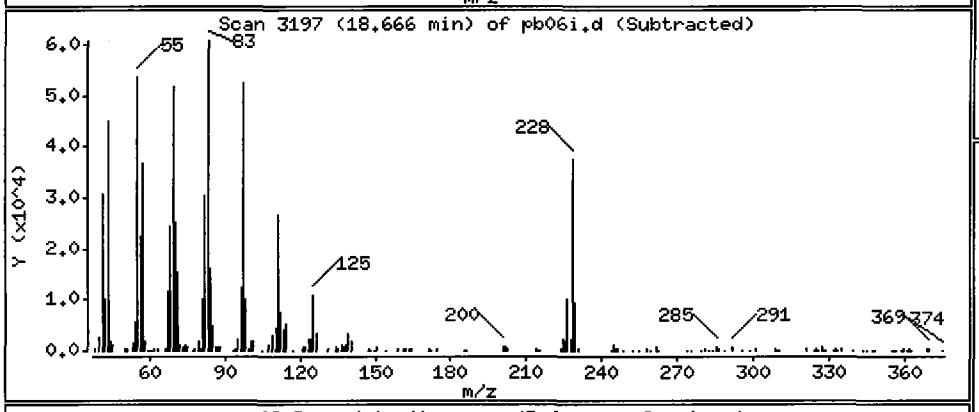
Sample Info: PB06I

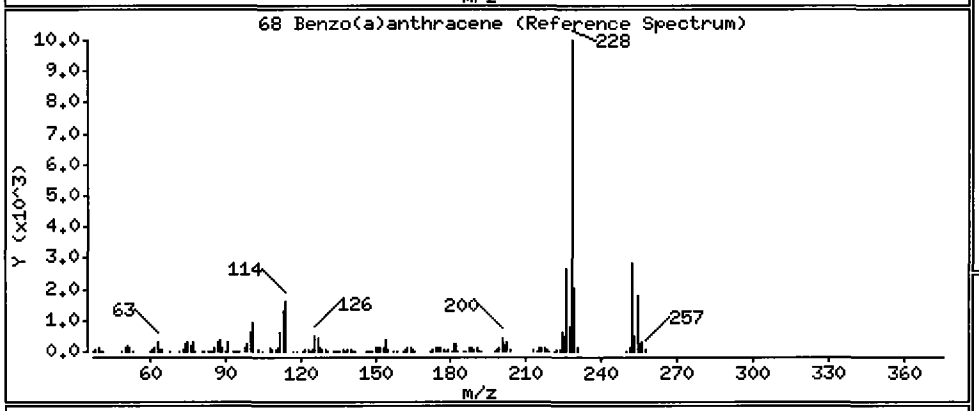
Volume Injected (uL): 1.0 Operator: LJR/VTS

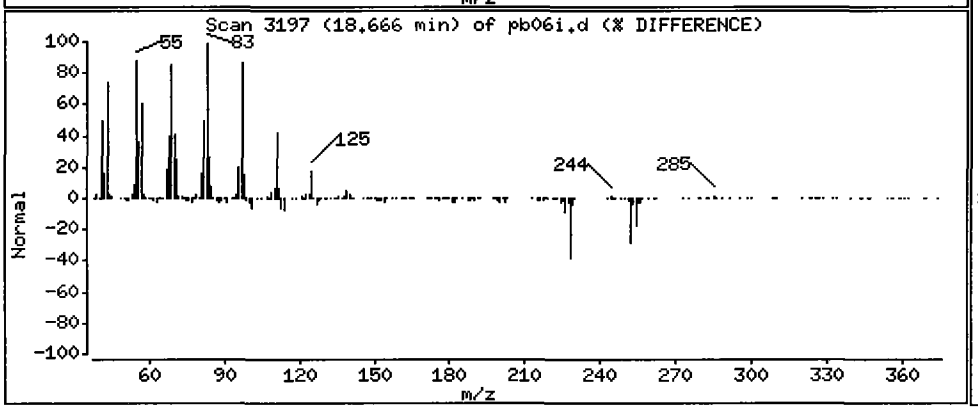
Column phase: ZB-5 Column diameter: 0.32

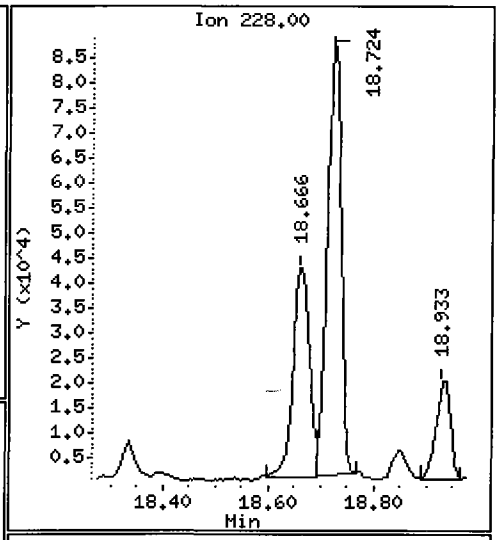
68 Benzo(a)anthracene Concentration: 50.74 ug/kg

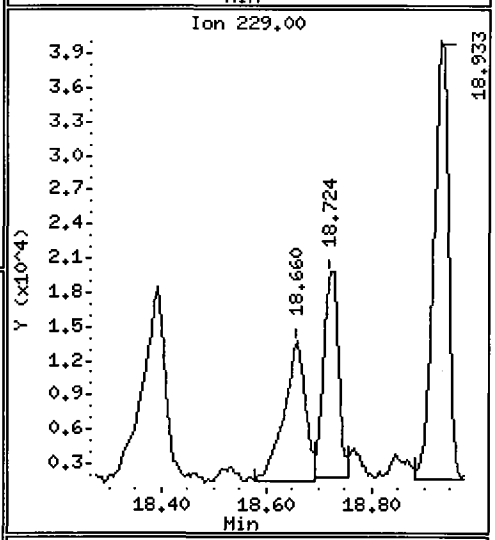


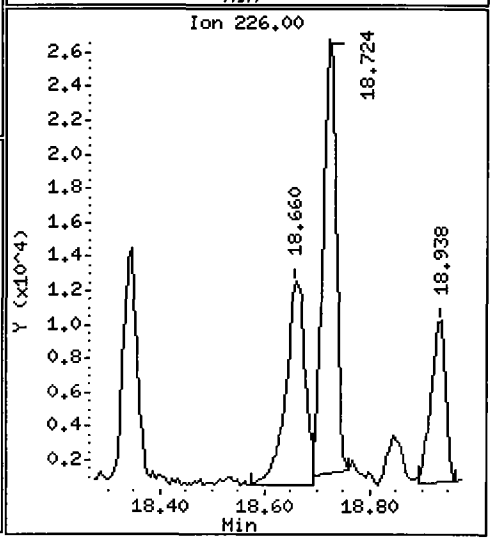












Data File: /chem1/nt6.i/20090611a.b/pb06i.d

Date : 12-JUN-2009 00:46

Client ID: BW-09-SS-090602

Instrument: nt6.i

Sample Info: PB06I

Volume Injected (uL): 1.0

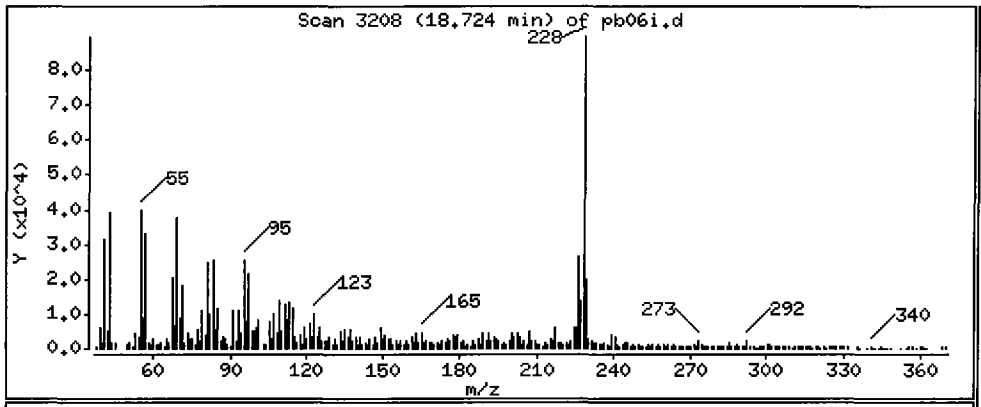
Operator: LJR/VTS

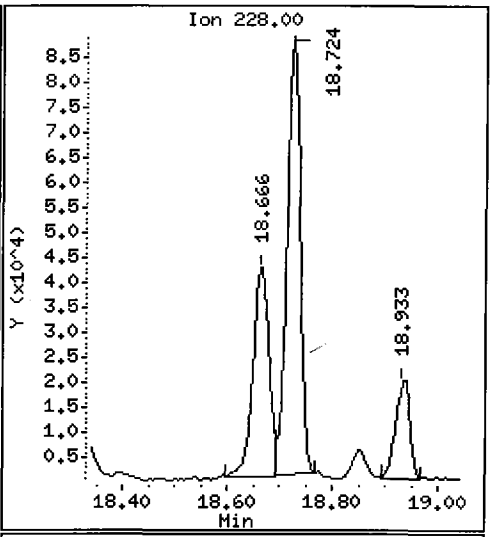
Column phase: ZB-5

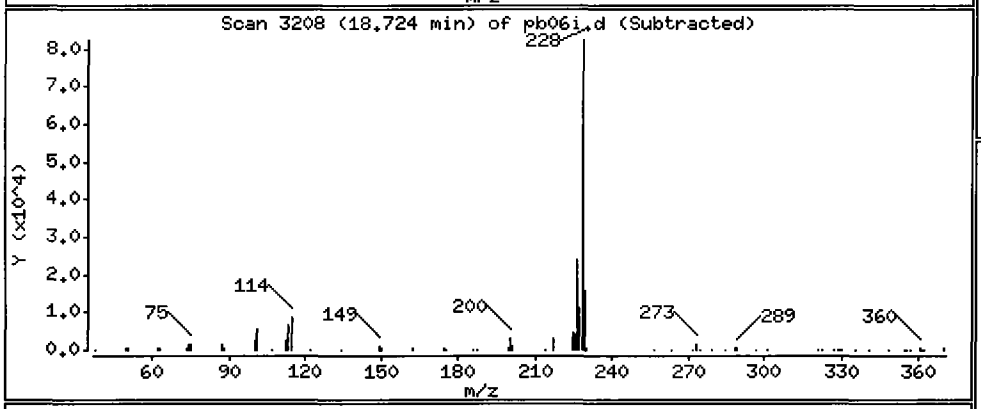
Column diameter: 0.32

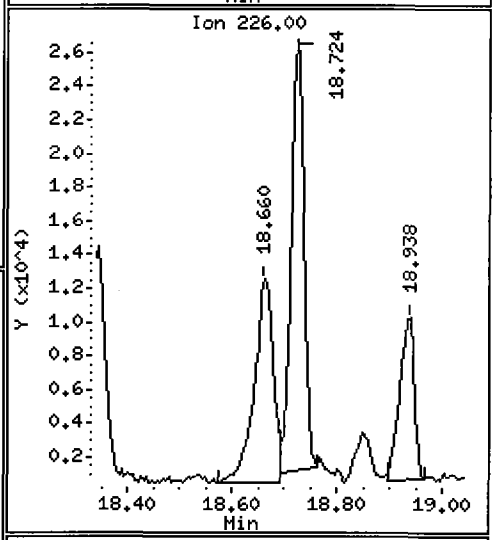
71 Chrysene

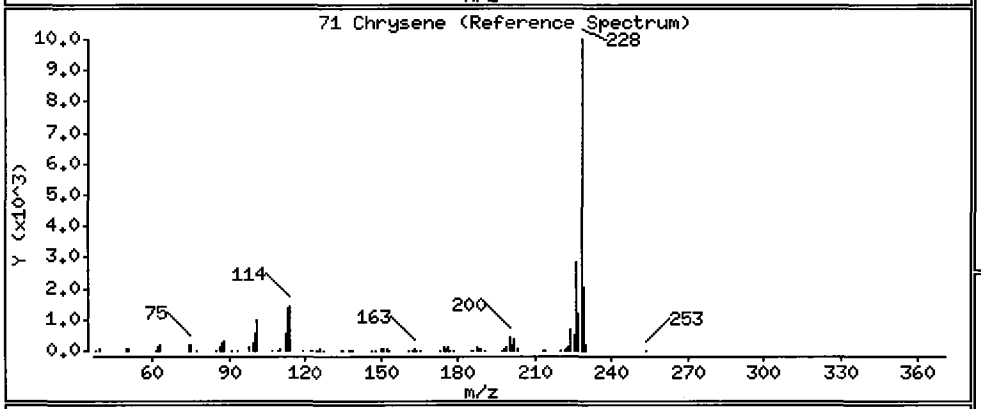
Concentration: 88.36 ug/kg

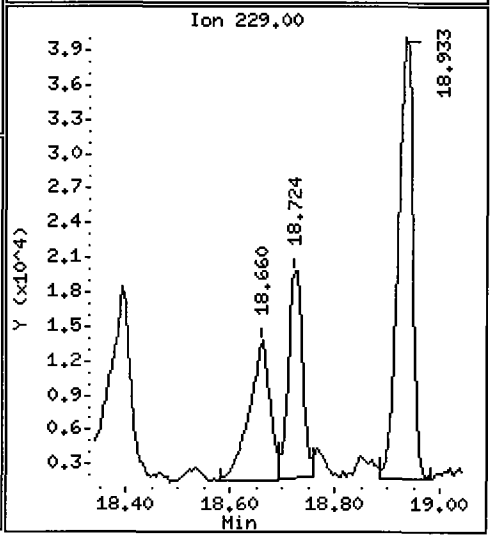


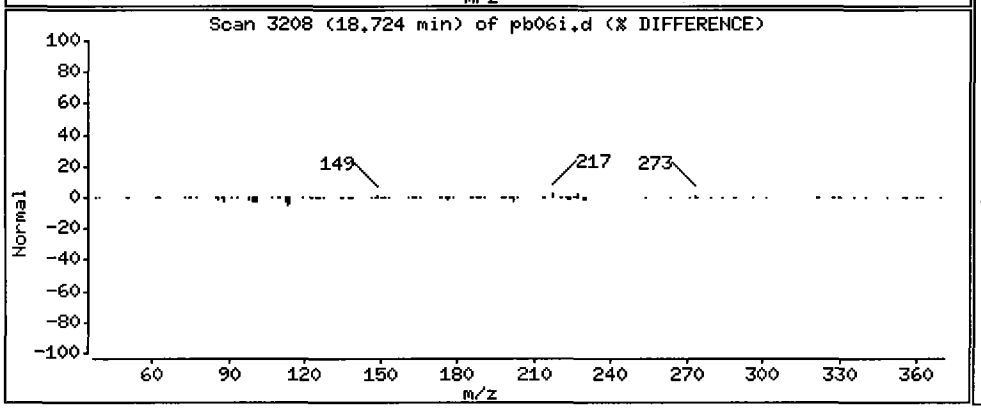












Data File: /chem1/nt6.i/20090611a.b/pb06i.d

Date : 12-JUN-2009 00:46

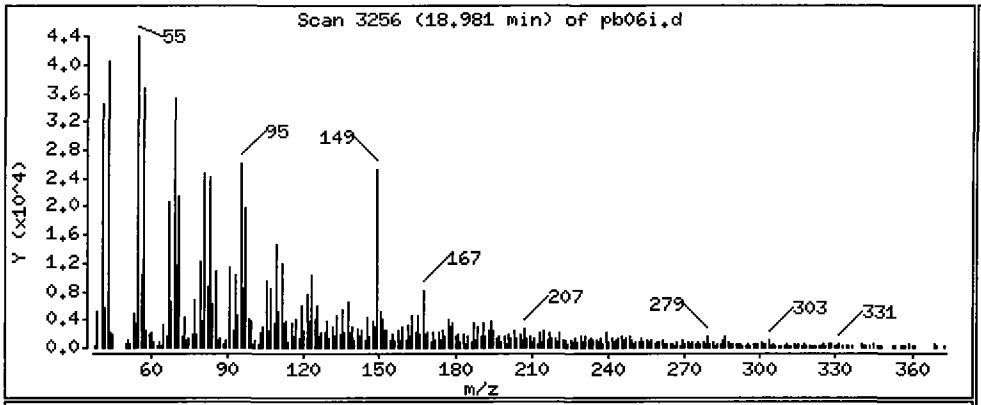
Client ID: BW-09-SS-090602 Instrument: nt6.i

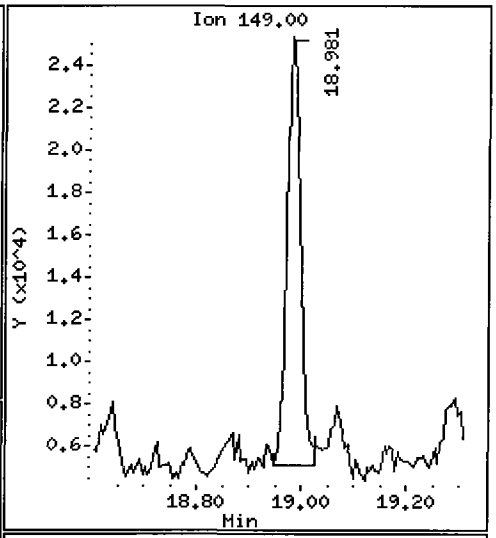
Sample Info: PB06I

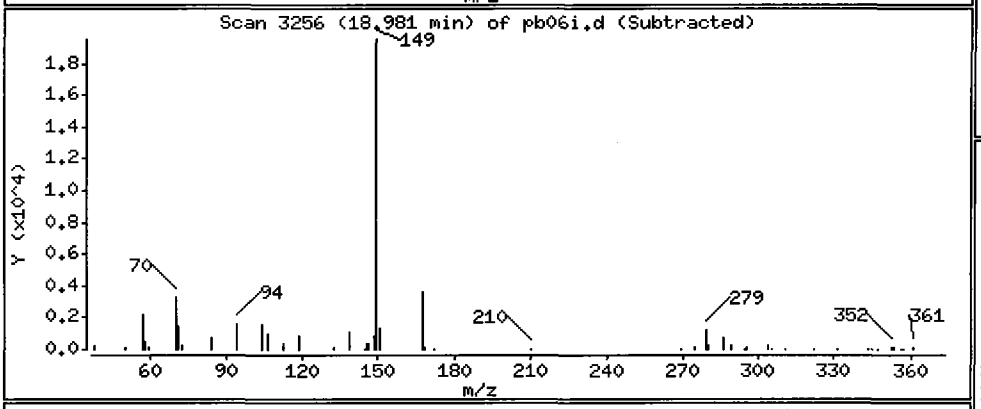
Volume Injected (uL): 1.0 Operator: LJR/VTS

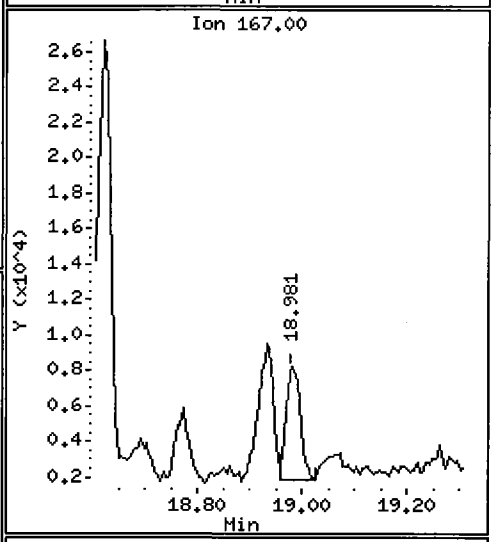
Column phase: ZB-5 Column diameter: 0.32

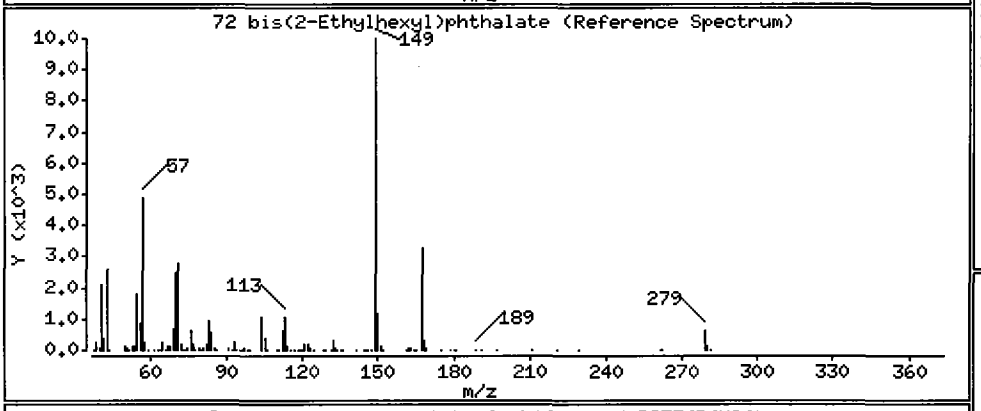
72 bis(2-Ethylhexyl)phthalate Concentration: 34.33 ug/kg

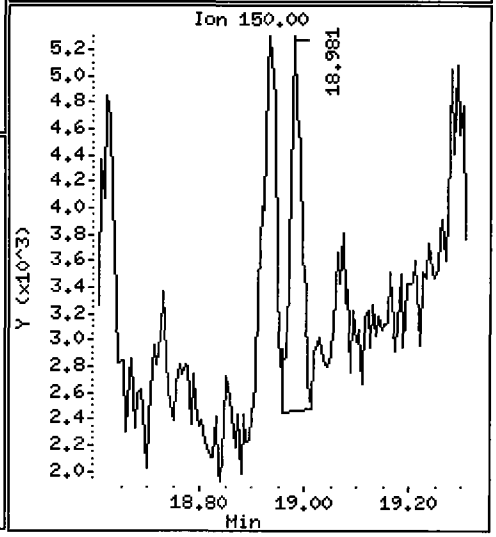


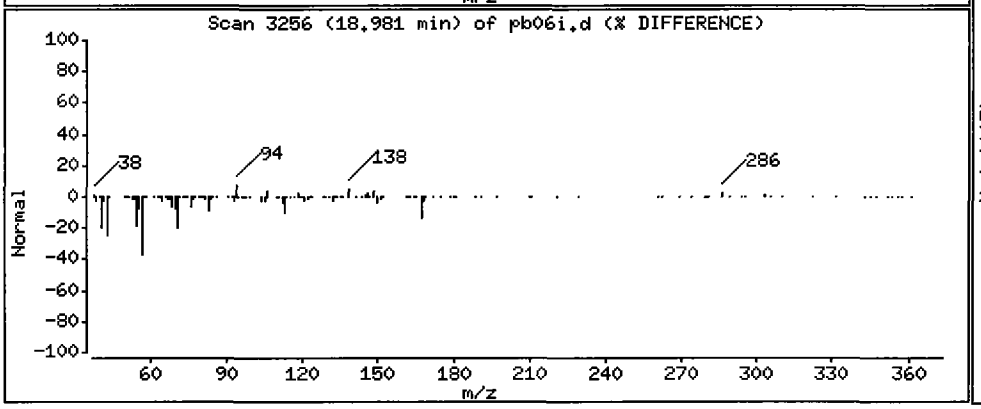












Data File: /chem1/nt6.i/20090611a.b/pb06i.d

Date : 12-JUN-2009 00:46

Client ID: BW-09-SS-090602

Instrument: nt6.i

Sample Info: PB06I

Volume Injected (uL): 1.0

Operator: LJR/VTS

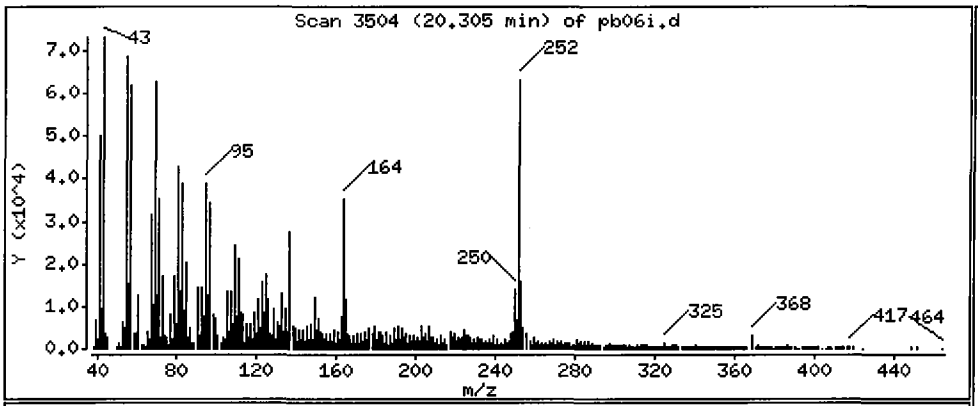
Column phase: ZB-5

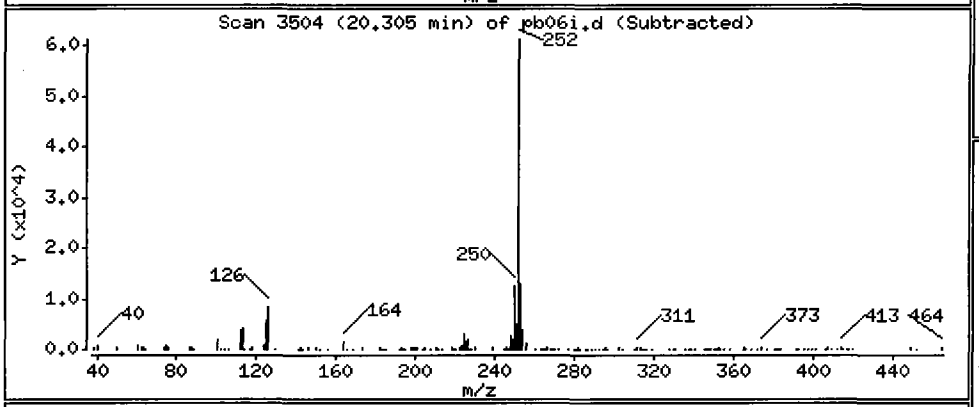
Column diameter: 0.32

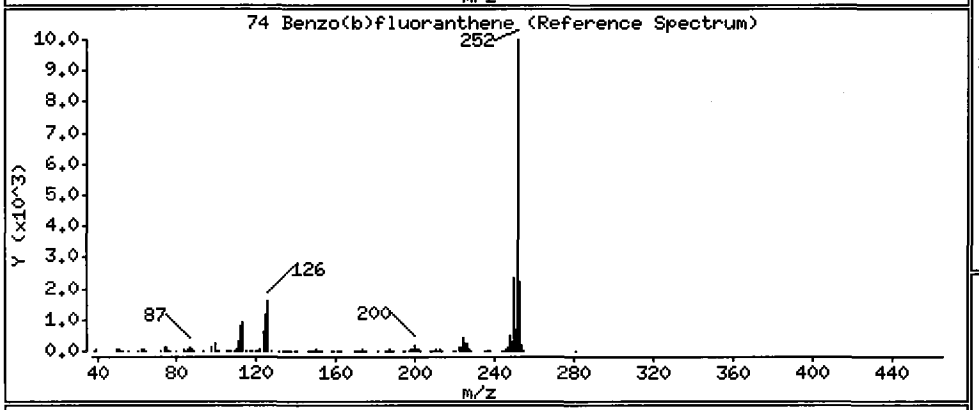
1/2

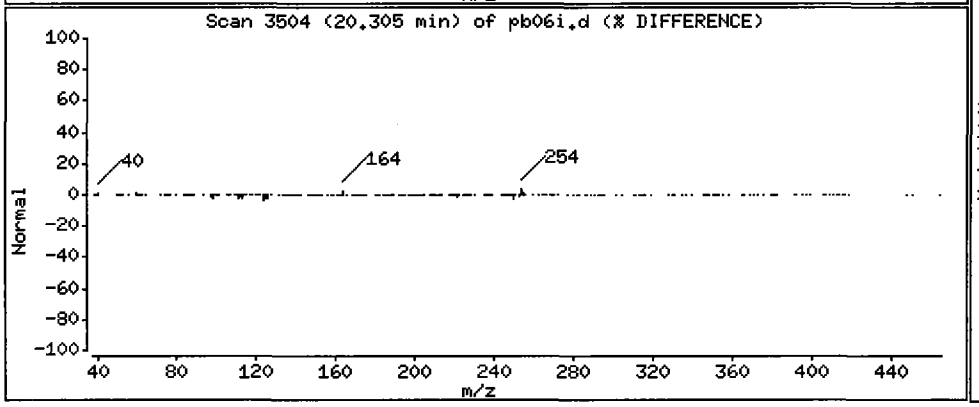
74 Benzo(b)fluoranthene

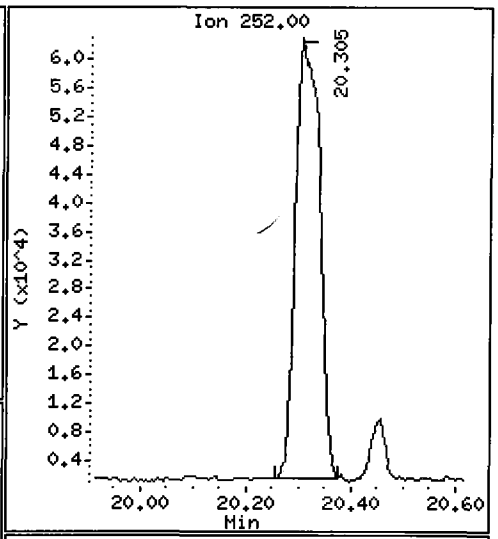
Concentration: 114.8 ug/kg

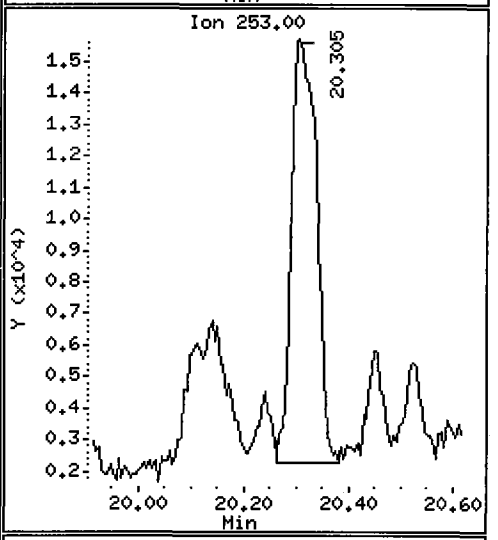


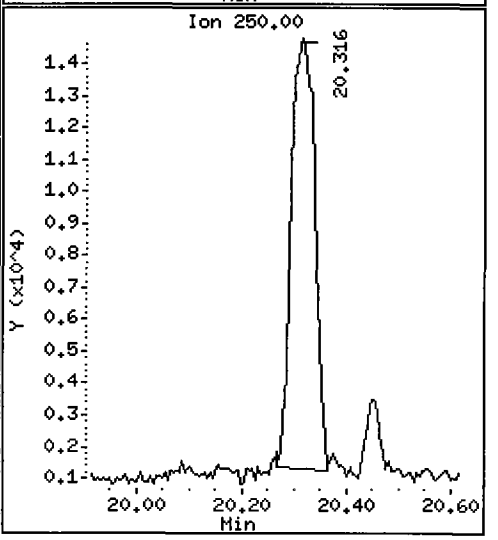












Data File: /chem1/nt6.i/20090611a.b/pb06i.d

Date : 12-JUN-2009 00:46

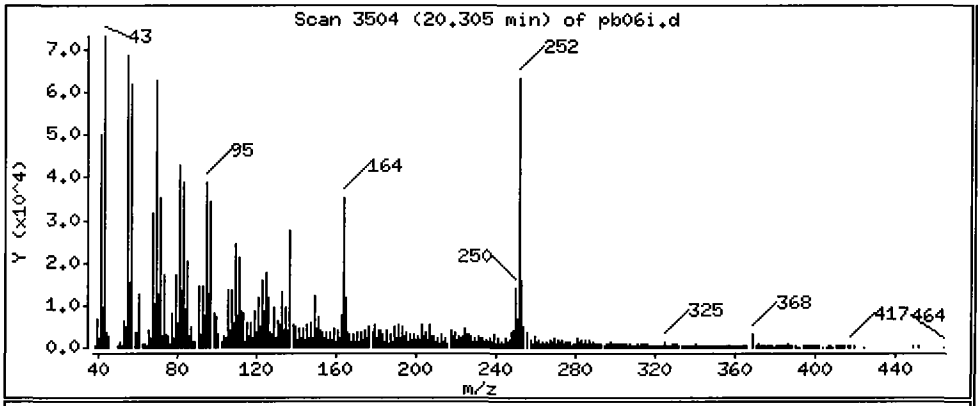
Client ID: BW-09-SS-090602 Instrument: nt6.i

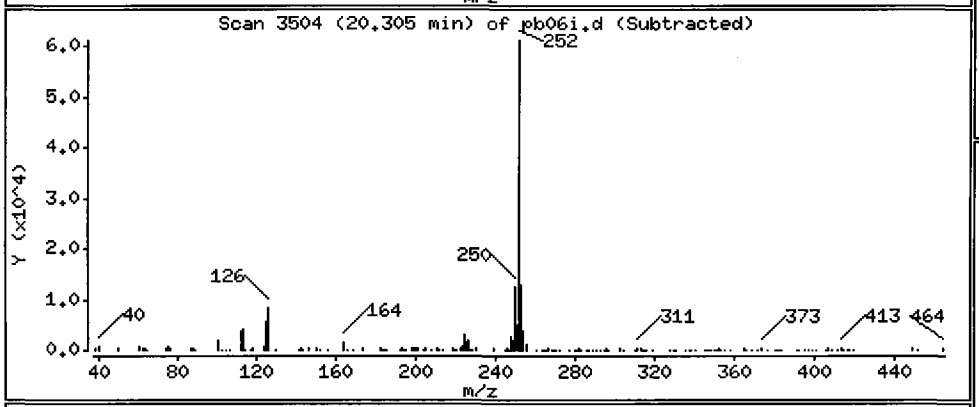
Sample Info: PB06I

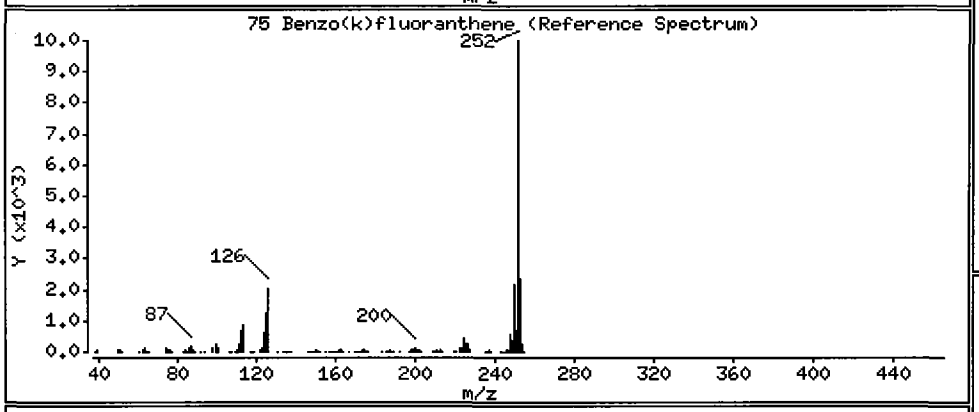
Volume Injected (uL): 1.0 Operator: LJR/VTS

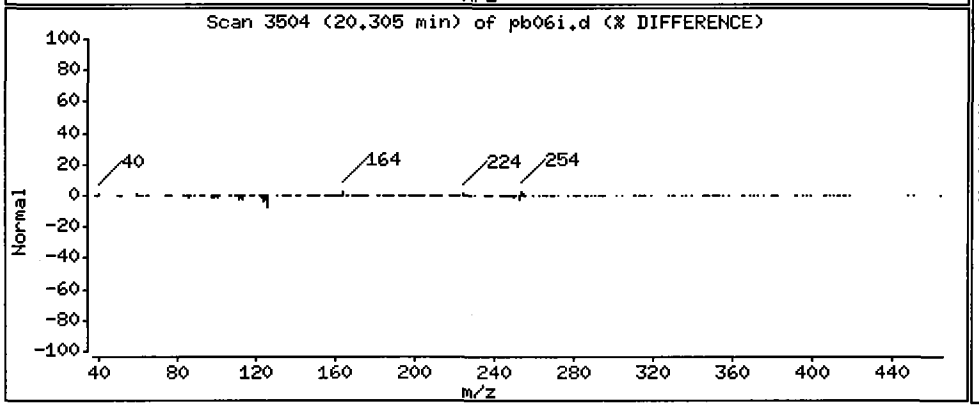
Column phase: ZB-5 Column diameter: 0.32

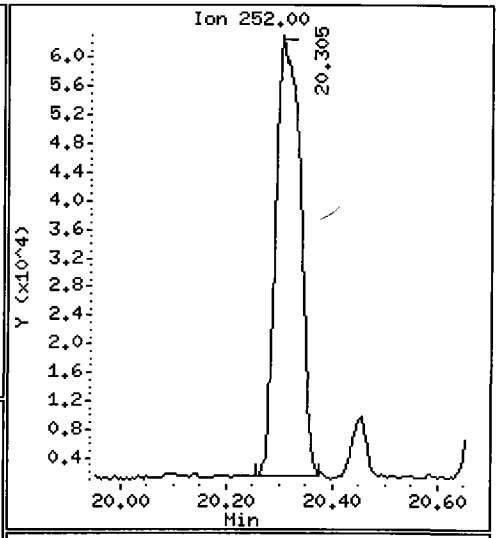
75 Benzo(k)fluoranthene Concentration: 111.7 ug/kg

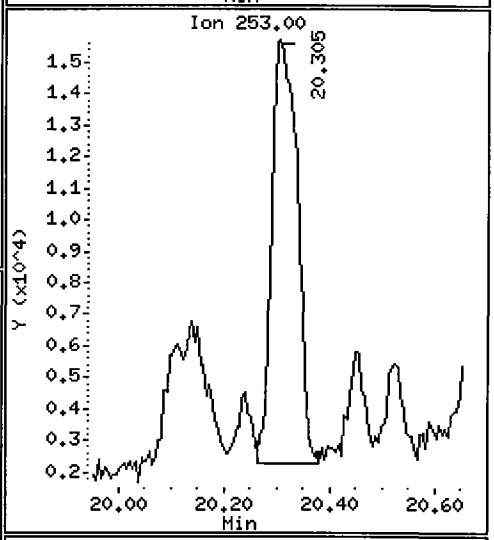


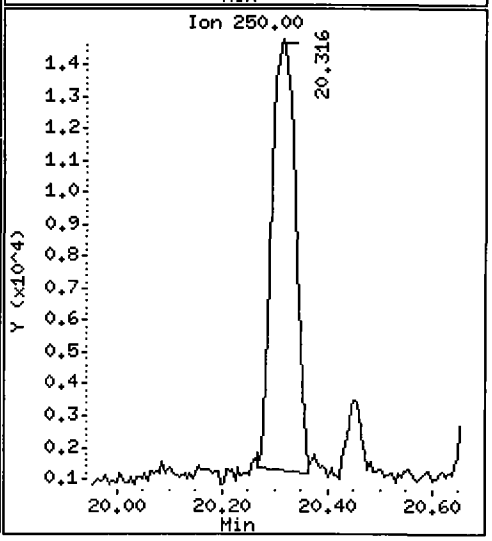












Data File: /chem1/nt6.i/20090611a.b/pb06i.d

Date : 12-JUN-2009 00:46

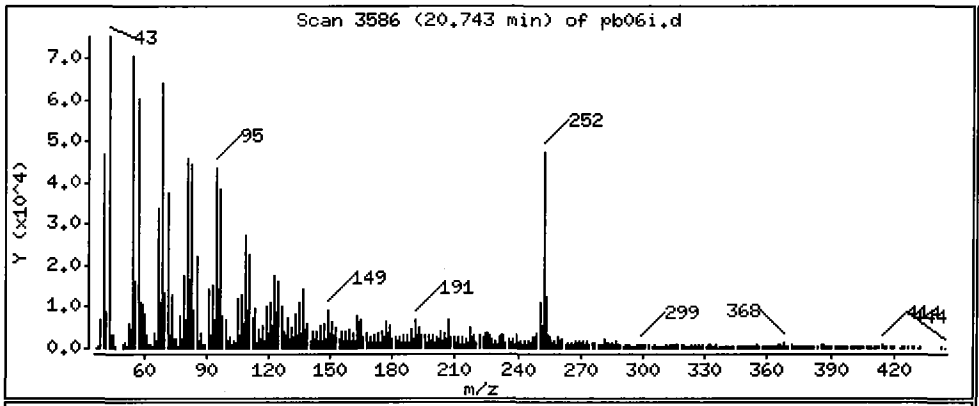
Client ID: BW-09-SS-090602 Instrument: nt6.i

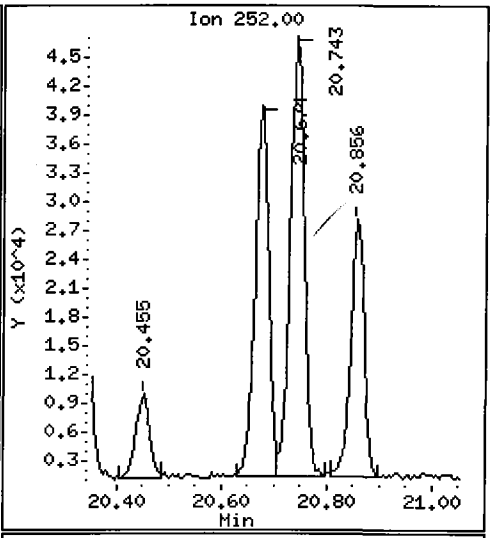
Sample Info: PB06I

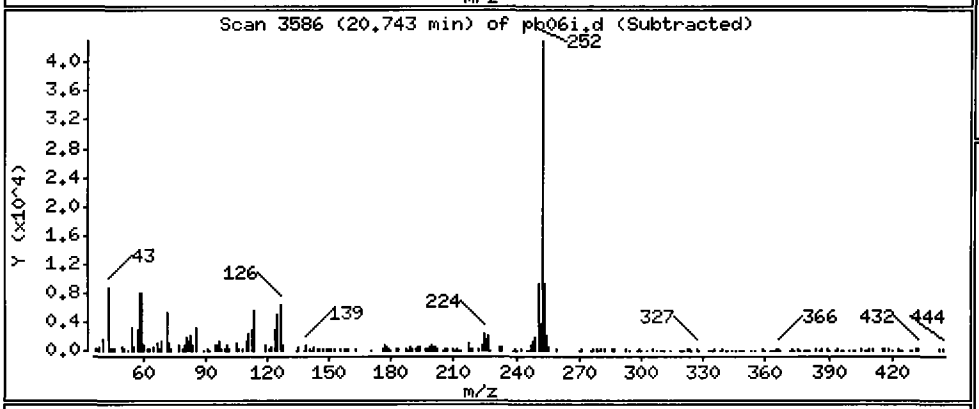
Volume Injected (uL): 1.0 Operator: LJR/VTS

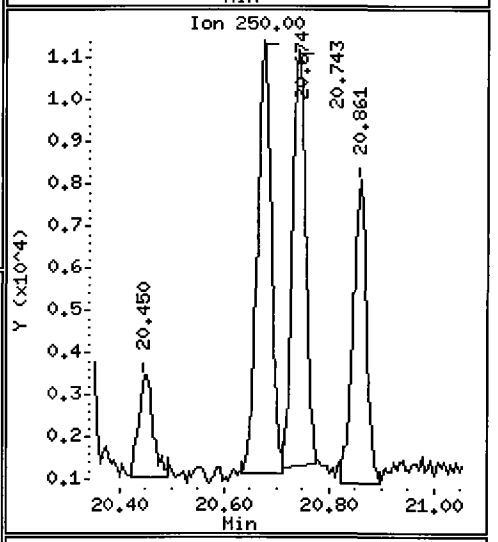
Column phase: ZB-5 Column diameter: 0.32

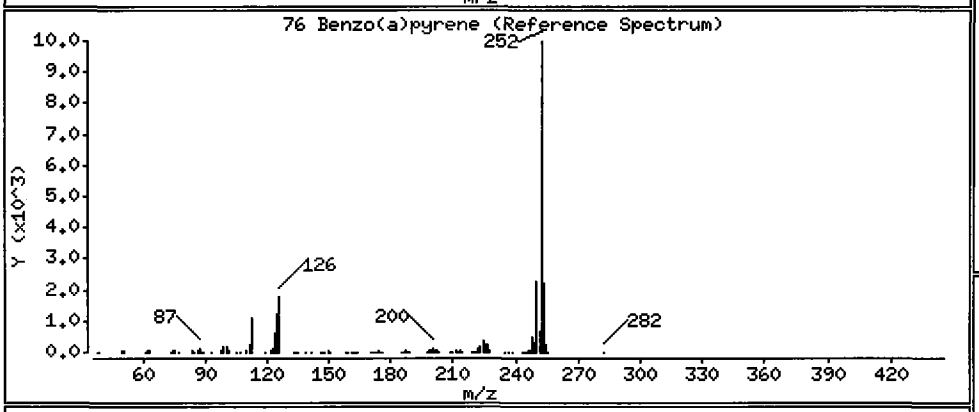
76 Benzo(a)pyrene Concentration: 54.89 ug/kg

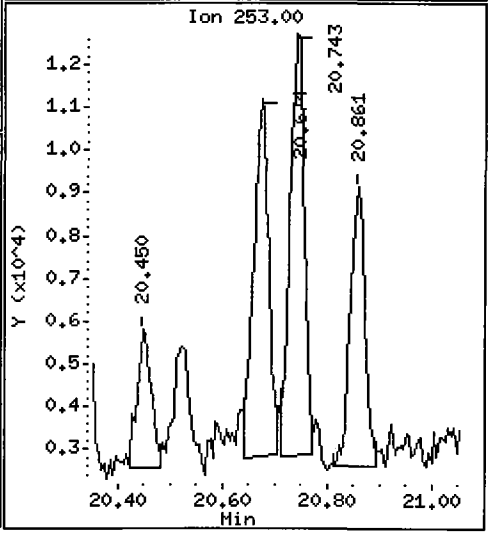


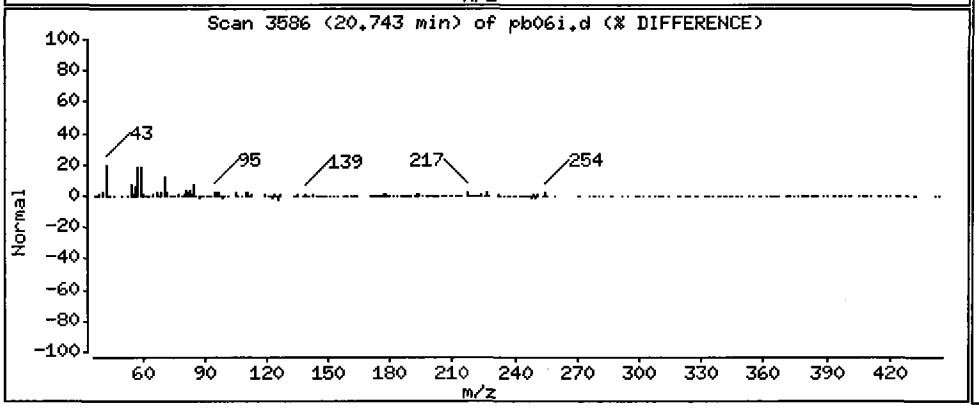












Data File: /chem1/nt6.i/20090611a.b/pb06i.d

Date : 12-JUN-2009 00:46

Client ID: BW-09-SS-090602

Instrument: nt6.i

Sample Info: PB06I

Volume Injected (uL): 1.0

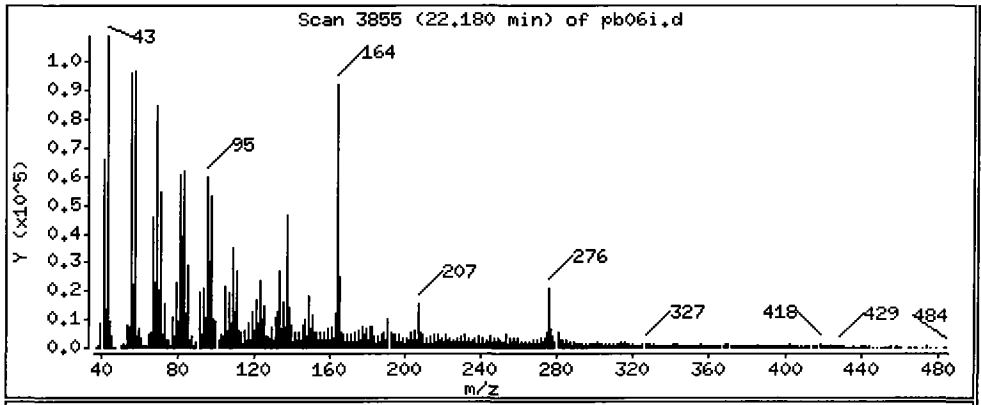
Operator: LJR/VTS

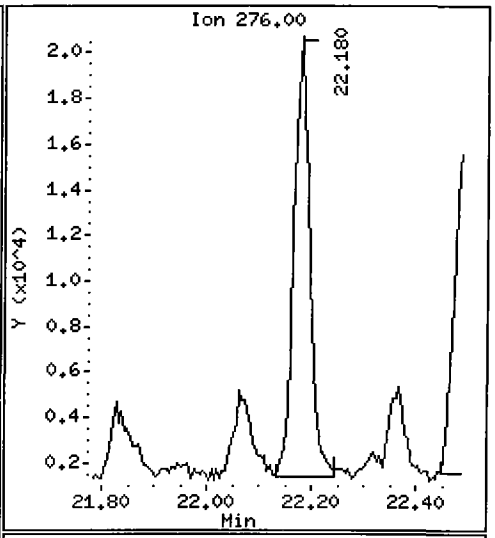
Column phase: ZB-5

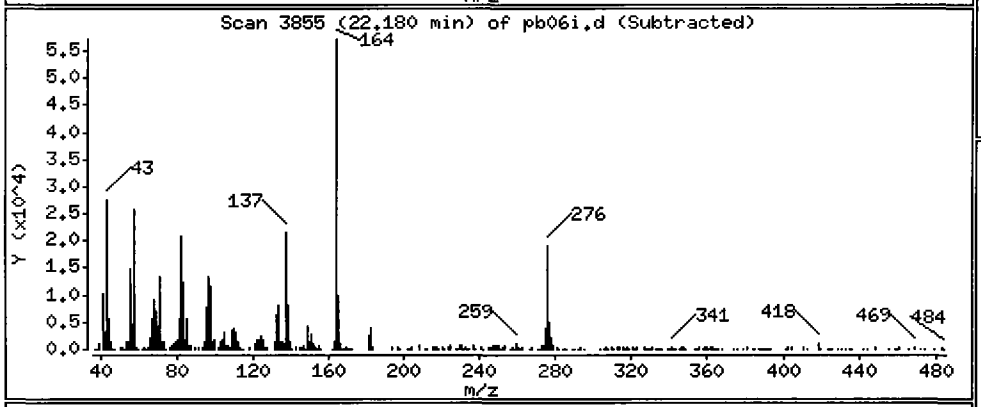
Column diameter: 0.32

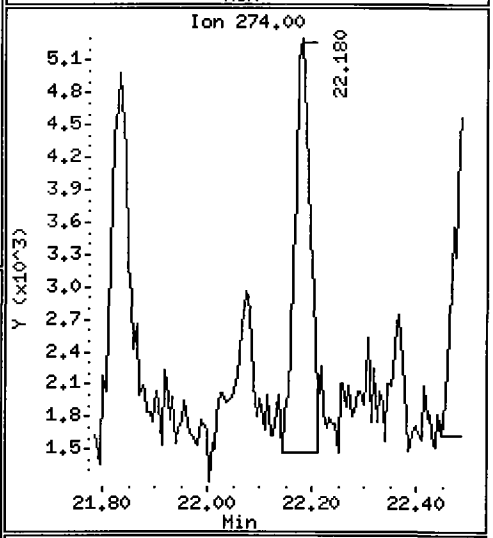
78 Indeno(1,2,3-cd)pyrene

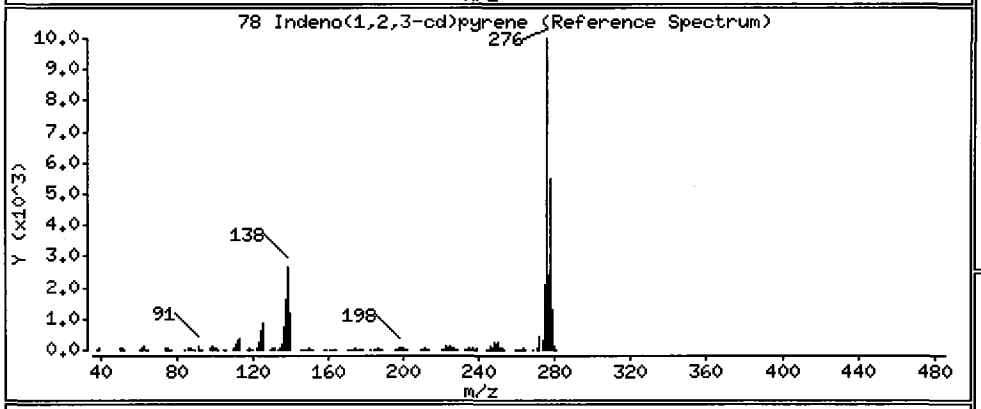
Concentration: 19.44 ug/kg

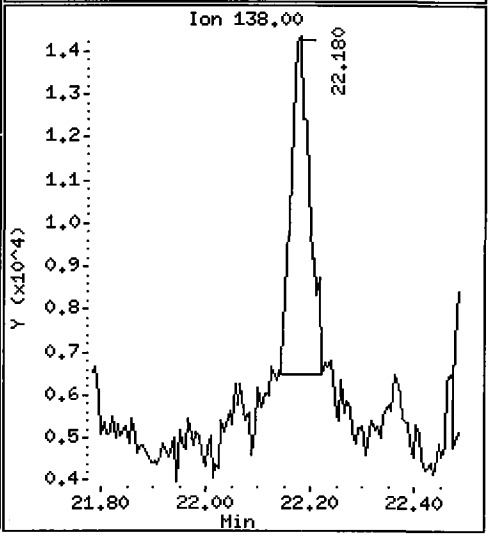


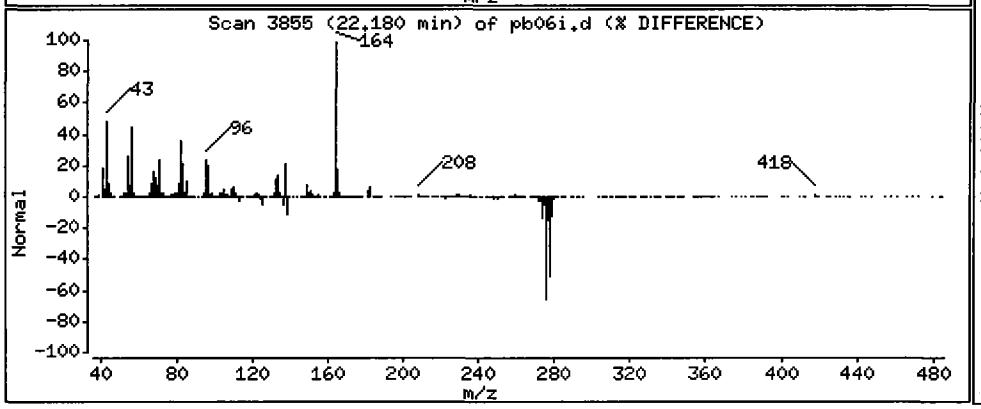












Data File: /chem1/nt6.i/20090611a.b/pb06i.d

Date : 12-JUN-2009 00:46

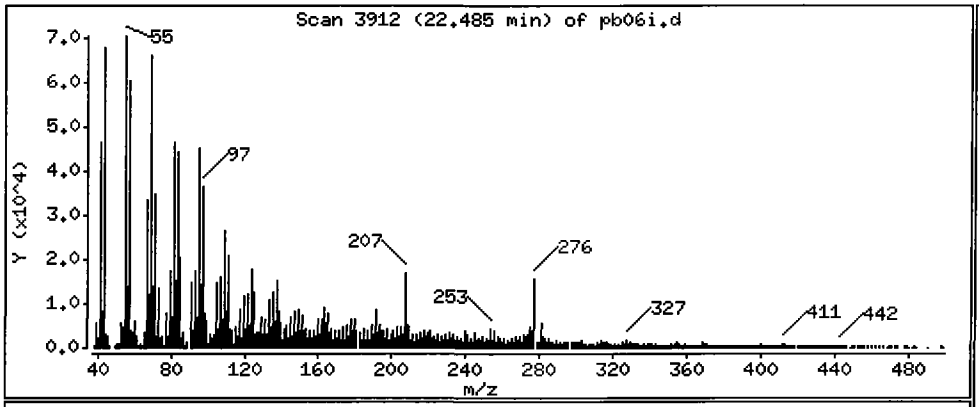
Client ID: BW-09-SS-090602 Instrument: nt6.i

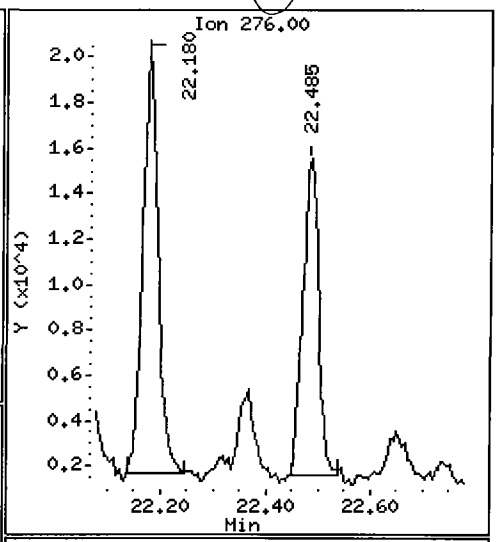
Sample Info: PB06I

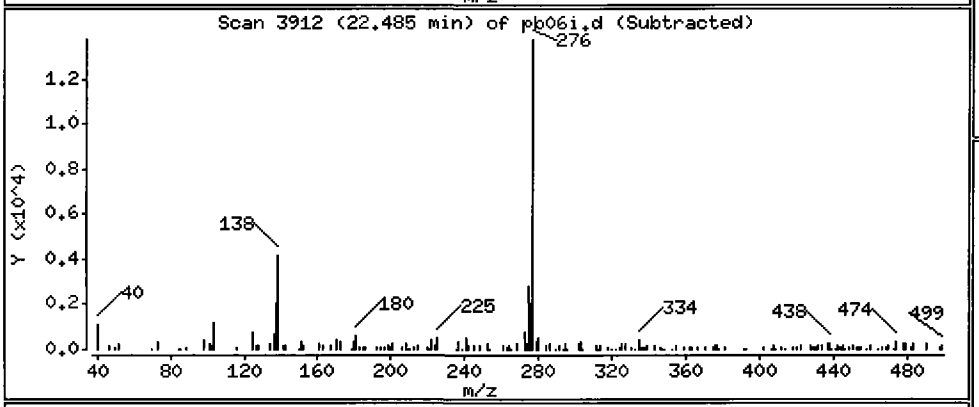
Volume Injected (uL): 1.0 Operator: LJR/VTS

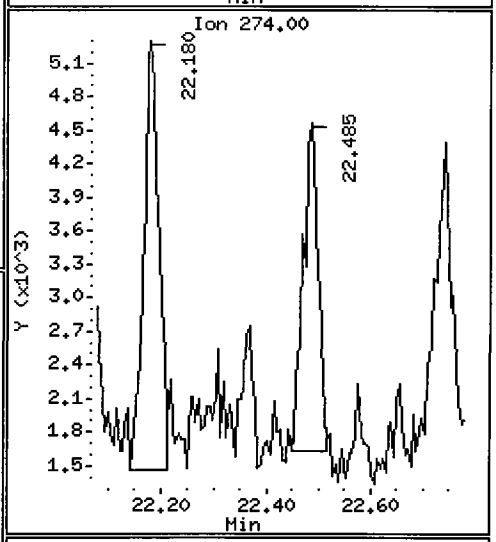
Column phase: ZB-5 Column diameter: 0.32

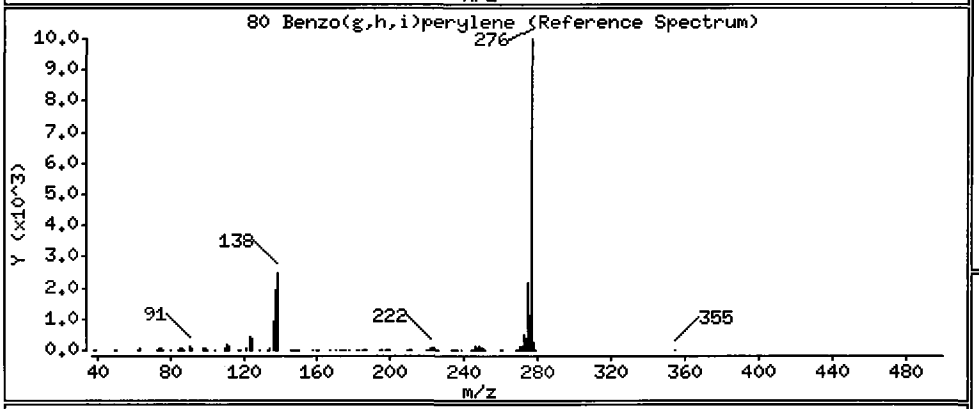
80 Benzo(g,h,i)perylene Concentration: 15.90 ug/kg

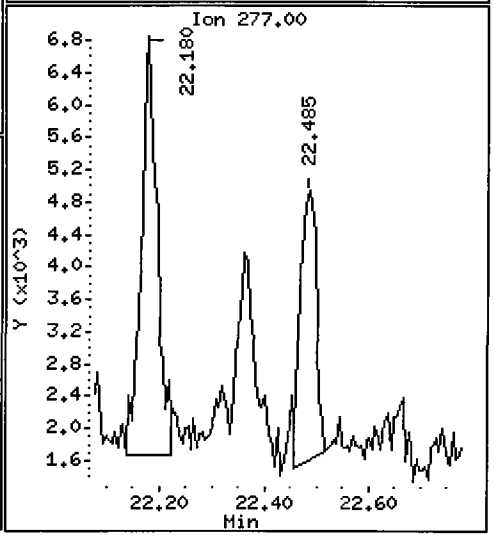


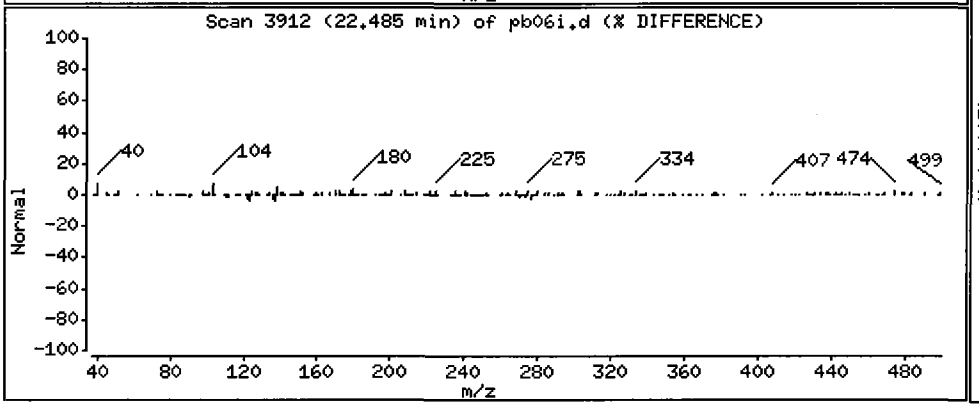












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: BW-11-SS-090602
SAMPLE

Lab Sample ID: PB06K
LIMS ID: 09-12552
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/12/09 01:19
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 54.9%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**18 J**
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**28**
120-12-7	**Anthracene**	**20**	**15 J**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**180**
129-00-0	**Pyrene**	**20**	**65**
85-68-7	**Butylbenzylphthalate**	**20**	**33**
56-55-3	**Benzo(a)anthracene**	**20**	**48**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**34**
218-01-9	**Chrysene**	**20**	**110**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**45**
207-08-9	**Benzo(k)fluoranthene**	**20**	**45**
50-32-8	**Benzo(a)pyrene**	**20**	**28**
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	64.4%	2-Fluorobiphenyl	69.6%
d14-p-Terphenyl	47.6%	d4-1,2-Dichlorobenzene	58.0%
d5-Phenol	66.7%	2-Fluorophenol	68.8%
2,4,6-Tribromophenol	82.9%	d4-2-Chlorophenol	65.9%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611a.b/pb06k.d
Lab Smp Id: PB06K Client Smp ID: BW-11-SS-090602
Inj Date : 12-JUN-2009 01:19
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB06K
Misc Info : 09-12552
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611a.b/SW846.m
Meth Date : 15-Jun-2009 11:03 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/15/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	56.10000	Weight of sample extracted (g)
M	54.90000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.153	5.102	(0.721)	189856	25.7904	509.7
$	2 Phenol-d5	99	6.846	6.784	(0.958)	247374	25.0238	494.5
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.862	6.838	(0.960)	148579	24.6650	487.4
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.145	7.131	(1.000)	89291	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.444	7.431	(1.042)	64344	14.4715	286.0
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
15	4-Methylphenol	108	8.005	7.981	(1.120)	6582	0.92094 LDL	18.20
$ 18	Nitrobenzene-d5	82	8.096	8.082	(0.880)	150804	16.1022	318.2
19	Nitrobenzene	77	Compound Not Detected.					
20	Isophorone	82	Compound Not Detected.					
21	2-Nitrophenol	139	Compound Not Detected.					
22	2,4-Dimethylphenol	107	8.806	8.809	(0.957)	4200	0.54184 LDL	10.71(M)
23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
24	Benzoic acid	105	Compound Not Detected.					
25	2,4-Dichlorophenol	162	Compound Not Detected.					
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	9.201	9.193	(1.000)	304948	20.0000	
28	Naphthalene	128	Compound Not Detected.					
29	4-Chloroaniline	127	Compound Not Detected.					
30	Hexachlorobutadiene	225	Compound Not Detected.					
31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
32	2-Methylnaphthalene	141	Compound Not Detected.					
33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	11.012	11.004	(0.914)	218907	17.4008	343.9
37	2-Chloronaphthalene	162	Compound Not Detected.					
38	2-Nitroaniline	65	Compound Not Detected.					
39	Dimethylphthalate	163	Compound Not Detected.					
40	Acenaphthylene	152	Compound Not Detected.					
41	2,6-Dinitrotoluene	165	Compound Not Detected.					
* 42	Acenaphthene-d10	164	12.048	12.035	(1.000)	169368	20.0000	
43	3-Nitroaniline	138	Compound Not Detected.					
44	Acenaphthene	153	Compound Not Detected.					
45	2,4-Dinitrophenol	184	Compound Not Detected.					
46	Dibenzofuran	168	Compound Not Detected.					
47	4-Nitrophenol	109	Compound Not Detected.					
48	2,4-Dinitrotoluene	165	Compound Not Detected.					
50	Diethylphthalate	149	Compound Not Detected.					
49	Fluorene	166	Compound Not Detected.					
51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
52	4-Nitroaniline	138	Compound Not Detected.					
53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.335	13.322	(1.107)	50213	31.0933	614.5
56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	Compound Not Detected.					
* 59	Phenanthrene-d10	188	14.398	14.379	(1.000)	287406	20.0800	
60	Phenanthrene	178	14.430	14.417	(1.002)	25947	1.42235	28.11
61	Anthracene	178	14.500	14.486	(1.007)	13775	0.74484 LDL	14.72
62	Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.358	16.329	(1.136)	169855	9.12006	180.2
65	Pyrene	202	16.700	16.671	(0.894)	143329	3.31434	65.50
$ 66	Terphenyl-d14	244	17.053	17.028	(0.913)	332417	11.9227	235.6
67	Butylbenzylphthalate	149	17.950	17.942	(0.961)	29543	1.69158	33.43
68	Benzo(a)anthracene	228	18.666	18.625	(0.999)	93251	2.42035	47.83
* 69	Chrysene-d12	240	18.687	18.652	(1.000)	522008	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.725	18.690	(1.002)	198134	5.37082	106.1
72	bis(2-Ethylhexyl)phthalate	149	18.986	18.957	(0.953)	36255	1.73319	34.25
* 134	Di-n-octylphthalate-d4	153	19.921	19.891	(1.000)	674448	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	20.306	20.265	(0.975)	151952	4.59769	90.86 2.269
75	Benzo(k)fluoranthene	252	20.306	20.303	(0.975)	151956	4.47644	88.46 2.269
76	Benzo(a)pyrene	252	20.744	20.703	(0.996)	42308	1.41415	27.95(H)
* 77	Perylene-d12	264	20.829	20.783	(1.000)	456072	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb06k.d
Lab Smp Id: PB06K
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12552

Calibration Date: 11-JUN-2009
Calibration Time: 15:29
Client Smp ID: BW-11-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	89291	-20.55
27 Naphthalene-d8	384492	192246	768984	304948	-20.69
42 Acenaphthene-d10	217478	108739	434956	169368	-22.12
59 Phenanthrene-d10	336594	168297	673188	287406	-14.61
69 Chrysene-d12	247160	123580	494320	522008	111.20
134 Di-n-octylphthala	347036	173518	694072	674448	94.35
77 Perylene-d12	232938	116469	465876	456072	95.79

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.15	0.19
27 Naphthalene-d8	9.19	8.69	9.69	9.20	0.09
42 Acenaphthene-d10	12.03	11.53	12.53	12.05	0.11
59 Phenanthrene-d10	14.38	13.88	14.88	14.40	0.13
69 Chrysene-d12	18.65	18.15	19.15	18.69	0.19
134 Di-n-octylphthala	19.89	19.39	20.39	19.92	0.15
77 Perylene-d12	20.78	20.28	21.28	20.83	0.22

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06K
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12552

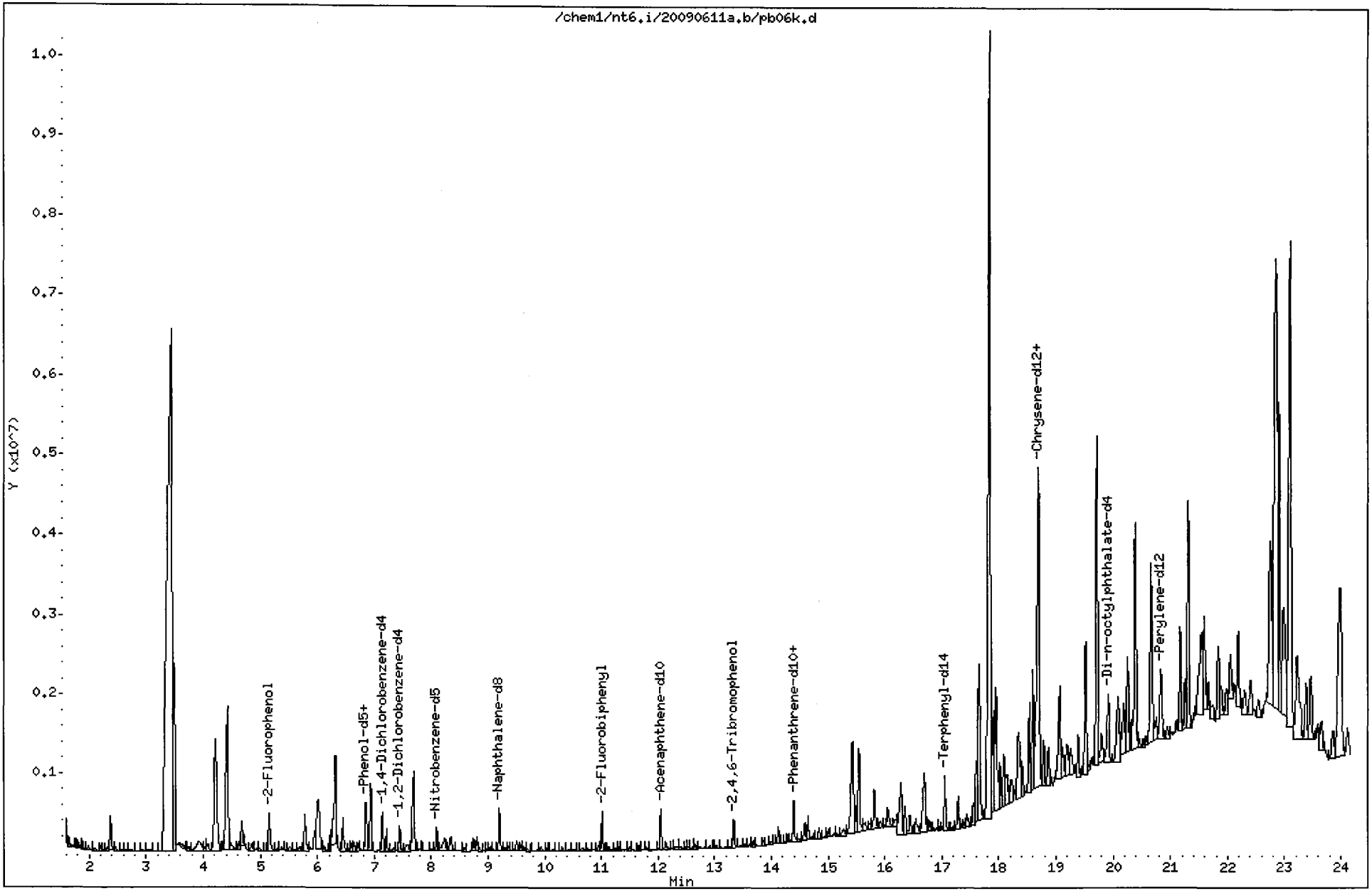
Client SDG: PB06
Fraction: SV
Client Smp ID: BW-11-SS-090602
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	741.1	509.7	68.77	21-100
$ 2 Phenol-d5	741.1	494.5	66.73	10-100
$ 5 2-Chlorophenol-d4	741.1	487.4	65.77	30-100
$ 10 1,2-Dichlorobenzen	494.0	286.0	57.89	24-100
$ 18 Nitrobenzene-d5	494.0	318.2	64.41	26-100
$ 36 2-Fluorobiphenyl	494.0	343.9	69.60	32-100
$ 55 2,4,6-Tribromophen	741.1	614.5	82.92	33-118
$ 66 Terphenyl-d14	494.0	235.6	47.69	21-97

Data File: /chem1/nt6.i/20090611a.b/pb06k.d
Date : 12-JUN-2009 01:19
Client ID: BW-11-SS-090602
Sample Info: PB06K
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem1/nt6.i/20090611a.b/pb06k.d

Date : 12-JUN-2009 01:19

Client ID: BW-11-SS-090602

Instrument: nt6.i

Sample Info: PB06K

Volume Injected (uL): 1.0

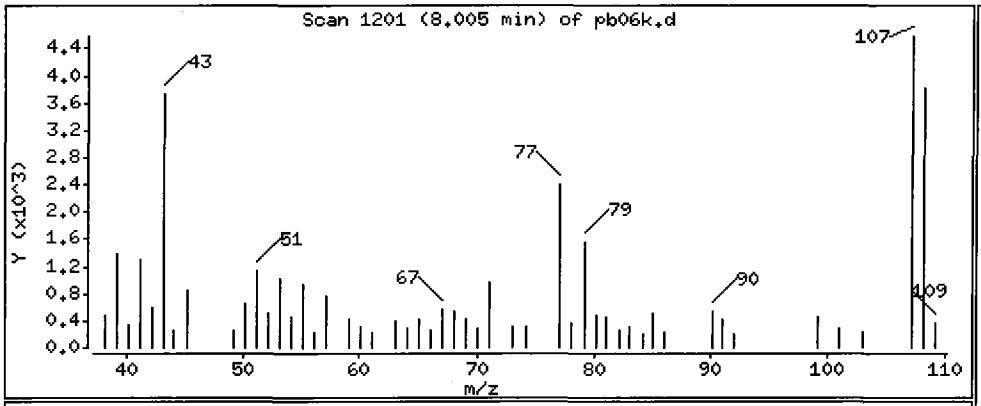
Operator: LJR/VTS

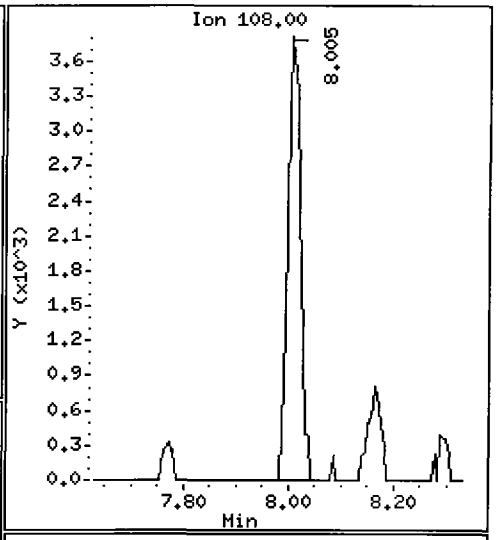
Column phase: ZB-5

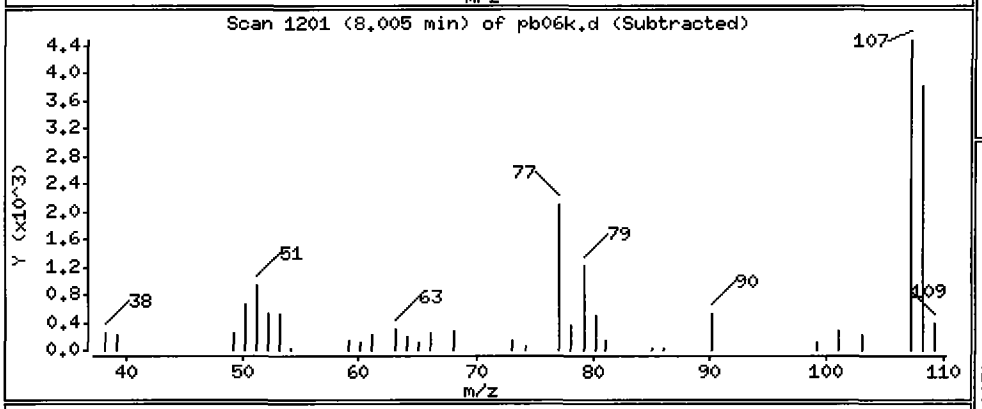
Column diameter: 0.32

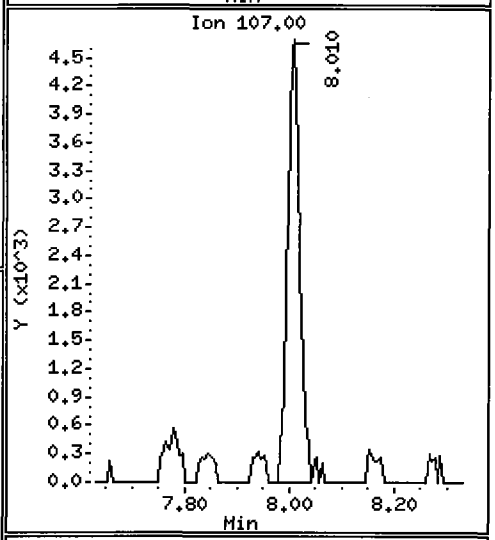
15 4-Methylphenol

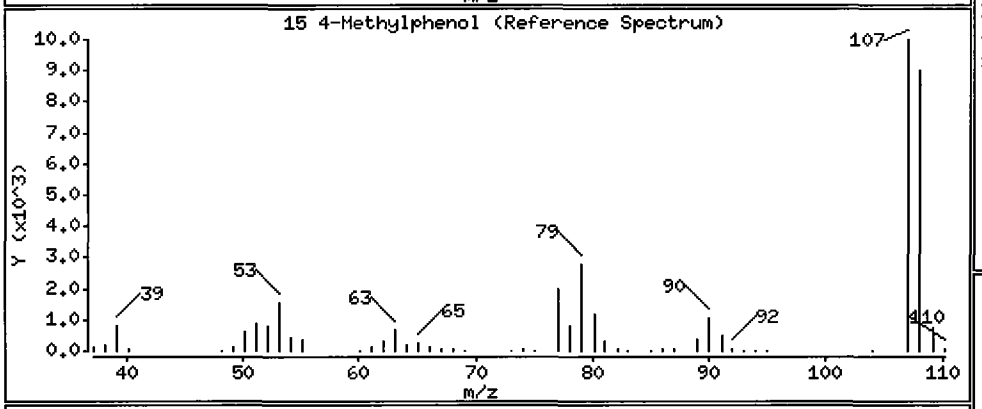
Concentration: 18.20 ug/kg

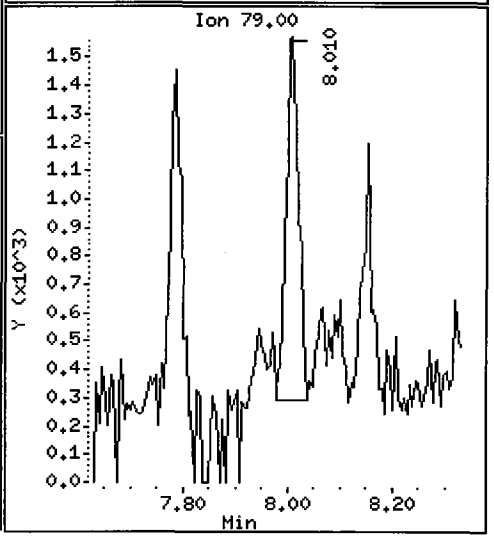


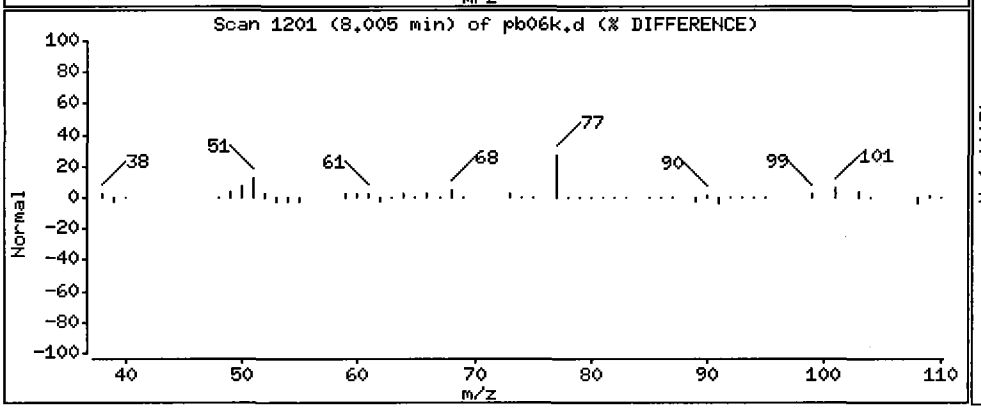












Data File: /chem1/nt6.i/20090611a.b/pb06k.d

Date : 12-JUN-2009 01:19

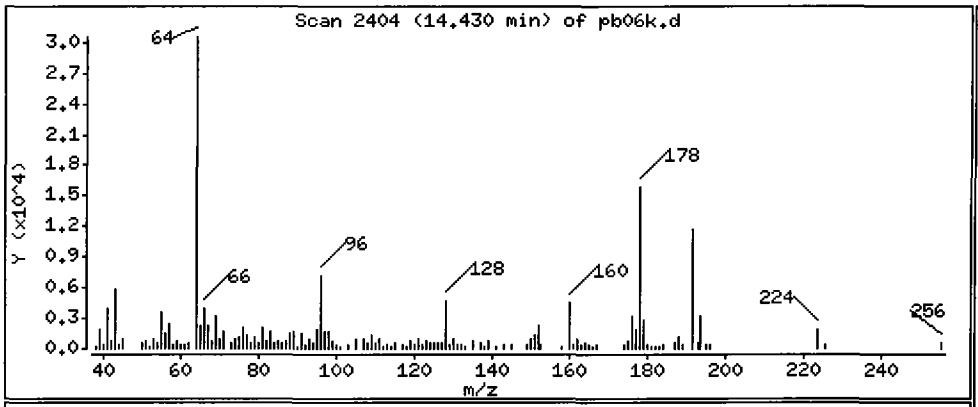
Client ID: BW-11-SS-090602 Instrument: nt6.i

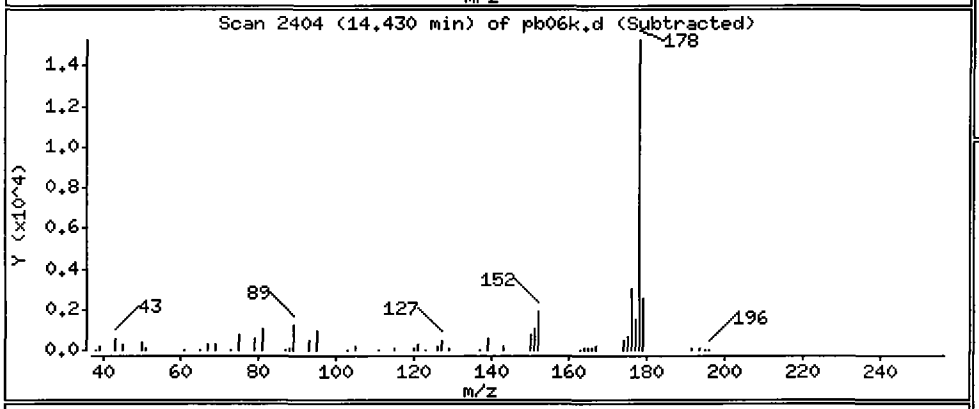
Sample Info: PB06K

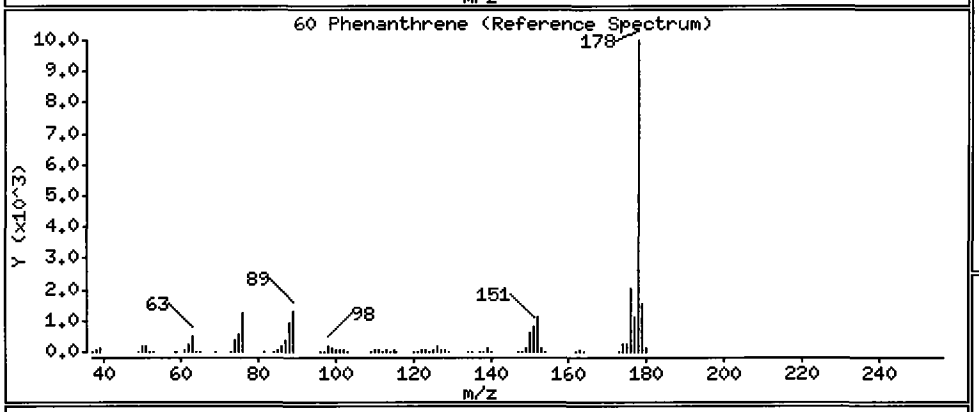
Volume Injected (uL): 1.0 Operator: LJR/VTS

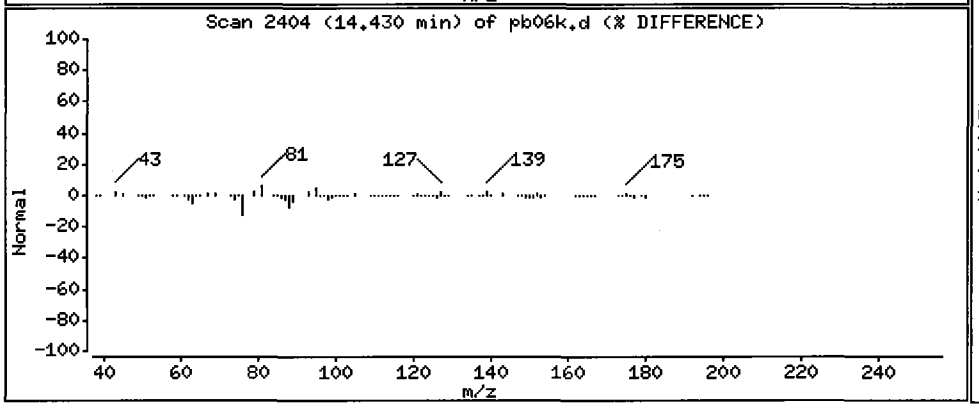
Column phase: ZB-5 Column diameter: 0.32

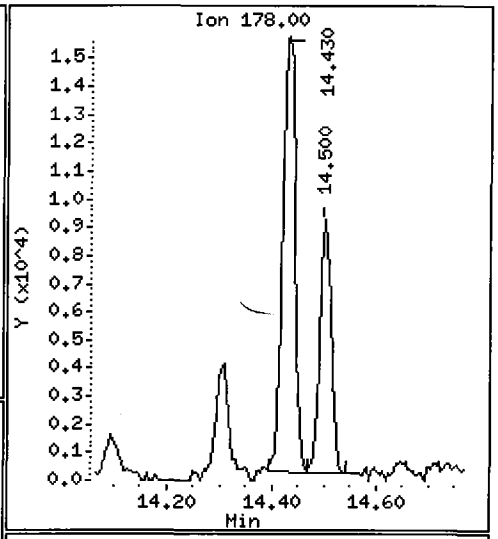
60 Phenanthrene Concentration: 28.11 ug/kg

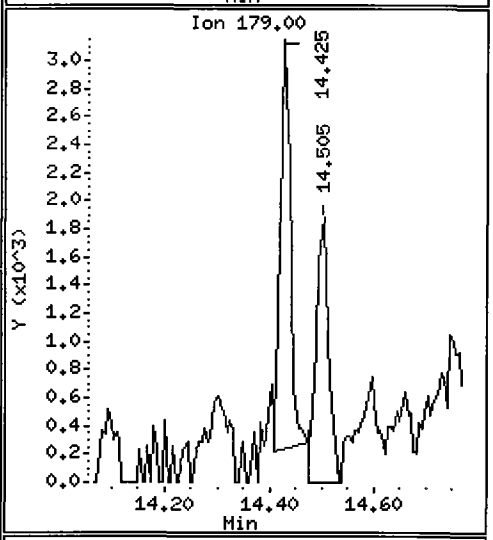


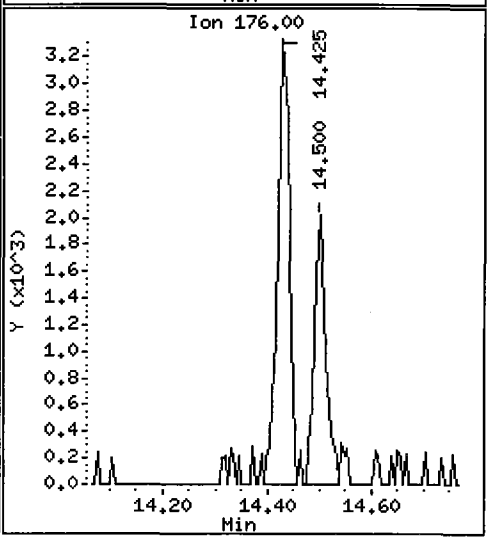












Data File: /chem1/nt6.i/20090611a.b/pb06k.d

Date : 12-JUN-2009 01:19

Client ID: BW-11-SS-090602

Instrument: nt6.i

Sample Info: PB06K

Volume Injected (uL): 1.0

Operator: LJR/VTS

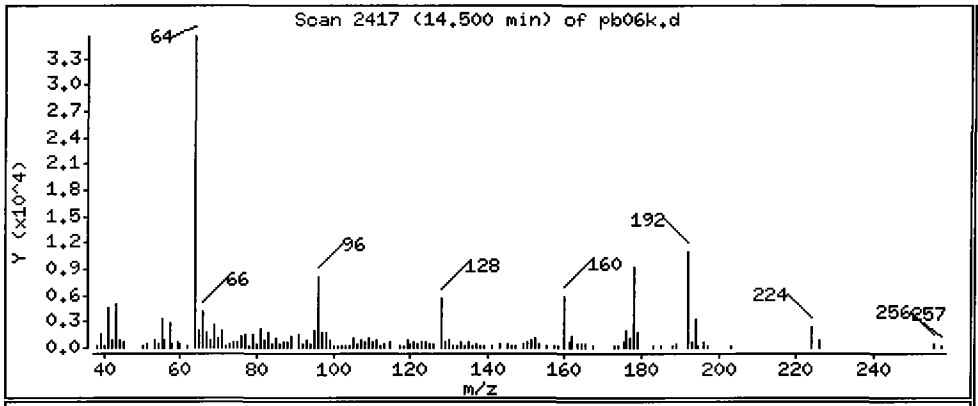
Column phase: ZB-5

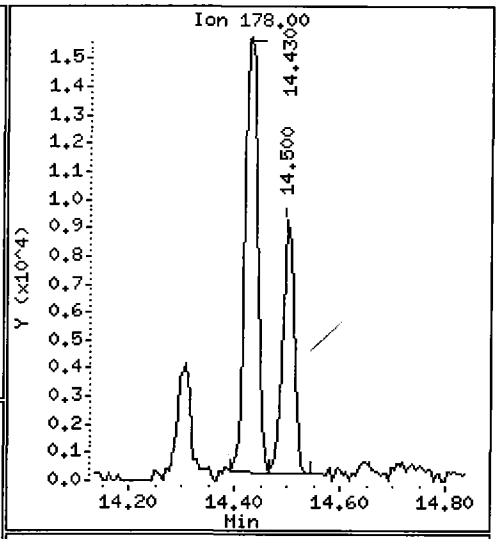
Column diameter: 0.32

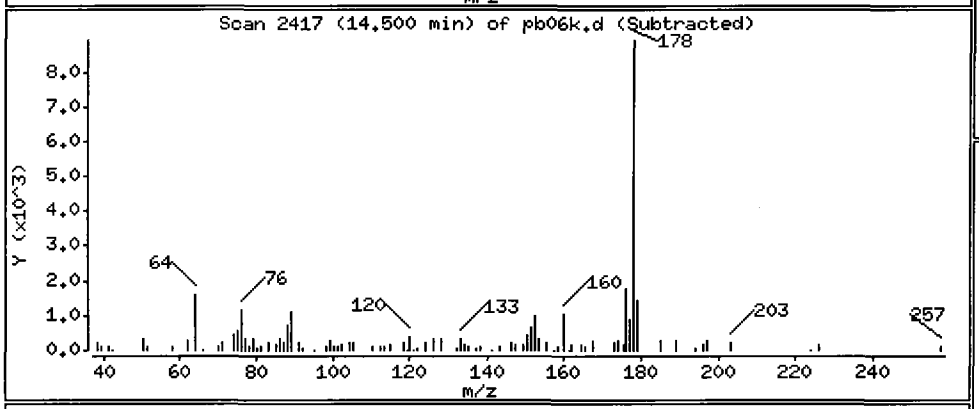
61 Anthracene

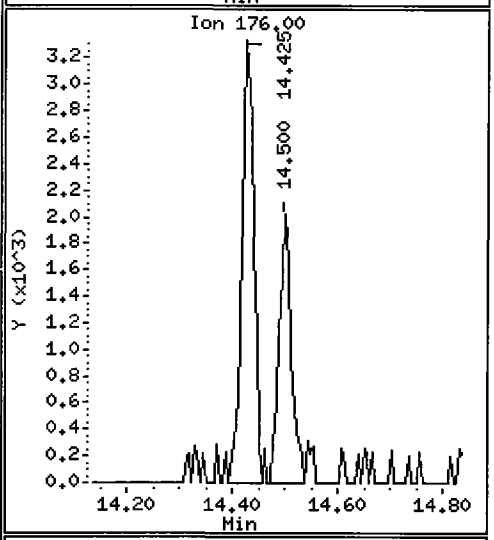
Concentration: 14.72 ug/kg

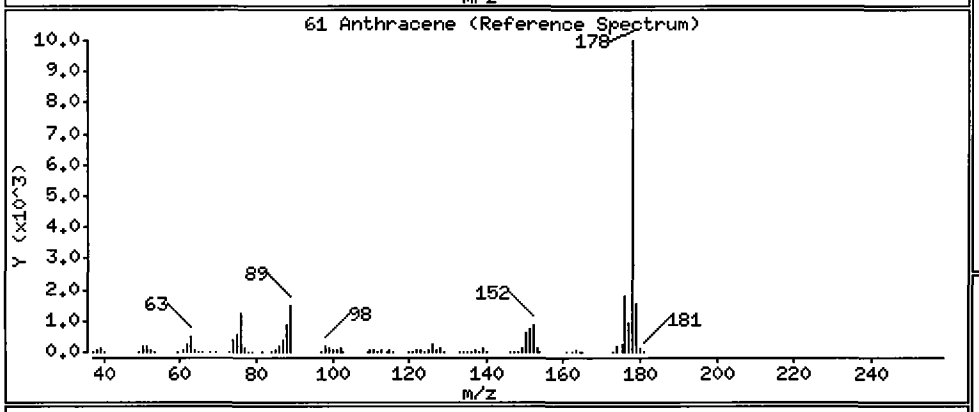
LJR

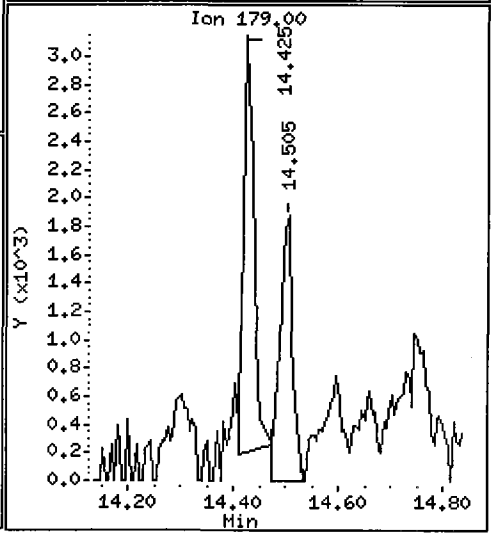


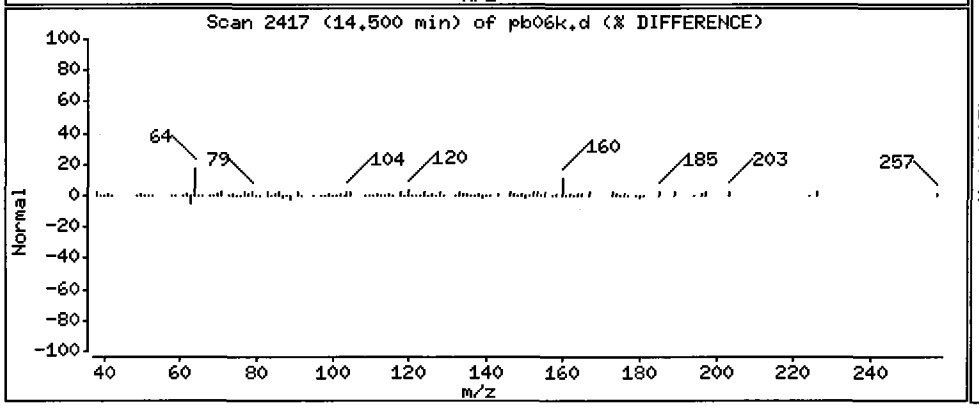












Data File: /chem1/nt6.i/20090611a.b/pb06k.d

Date : 12-JUN-2009 01:19

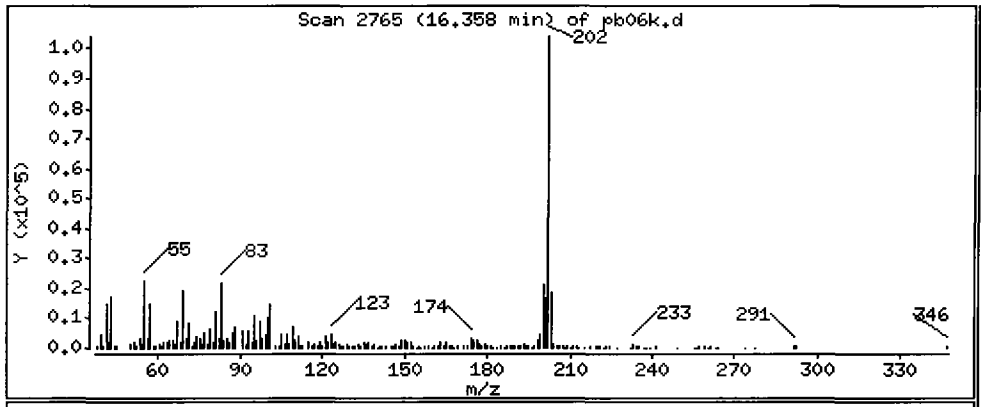
Client ID: BW-11-SS-090602 Instrument: nt6.i

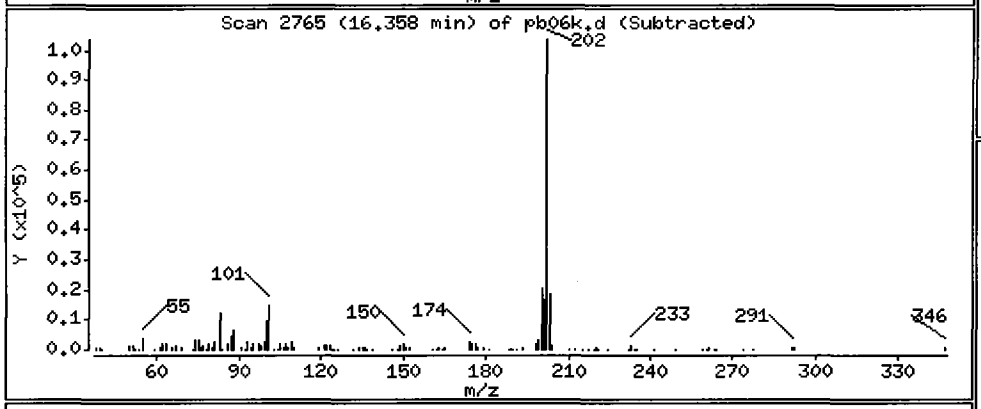
Sample Info: PB06K

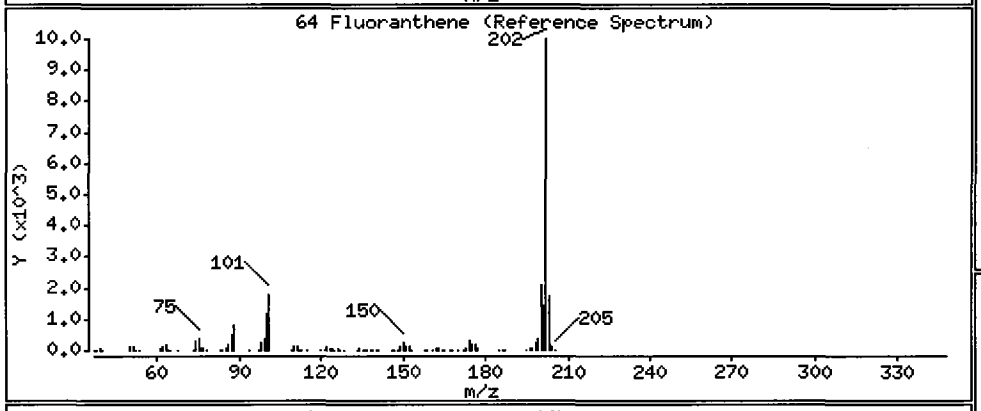
Volume Injected (uL): 1.0 Operator: LJR/VTS

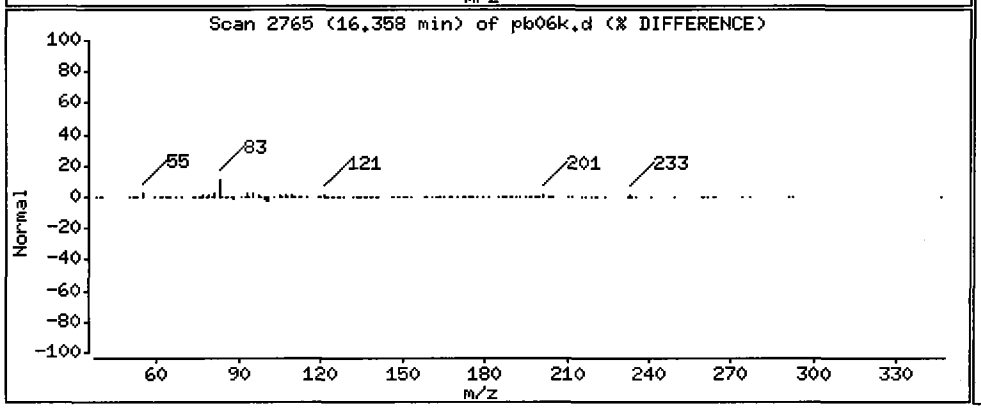
Column phase: ZB-5 Column diameter: 0.32

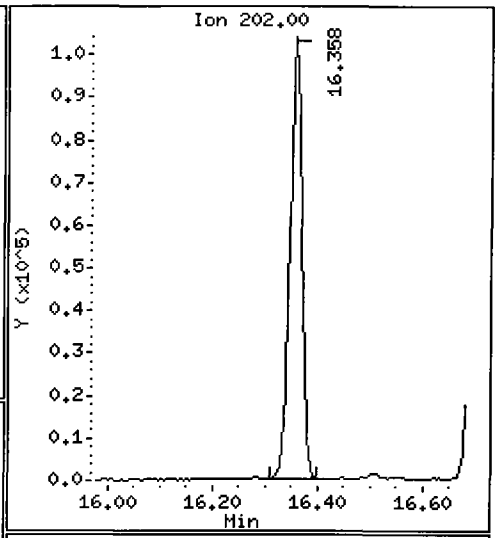
64 Fluoranthene Concentration: 180.2 ug/kg

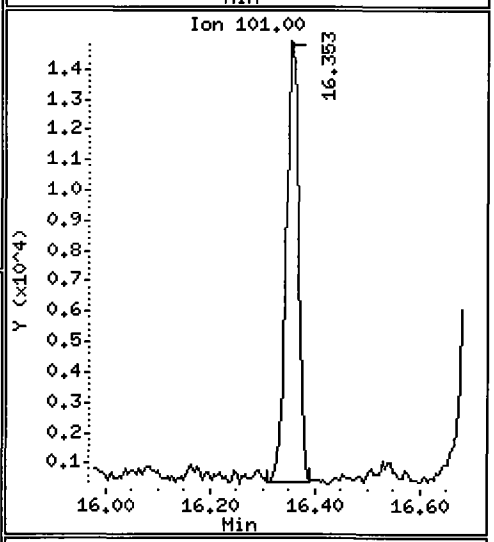


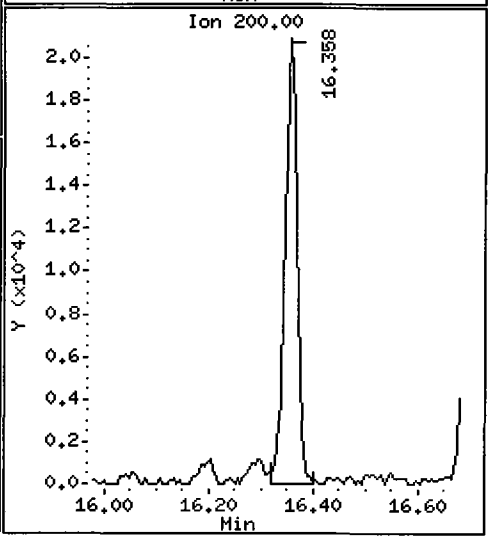












Data File: /chem1/nt6.i/20090611a.b/pb06k.d

Date : 12-JUN-2009 01:19

Client ID: BW-11-SS-090602

Instrument: nt6.i

Sample Info: PB06K

Volume Injected (uL): 1.0

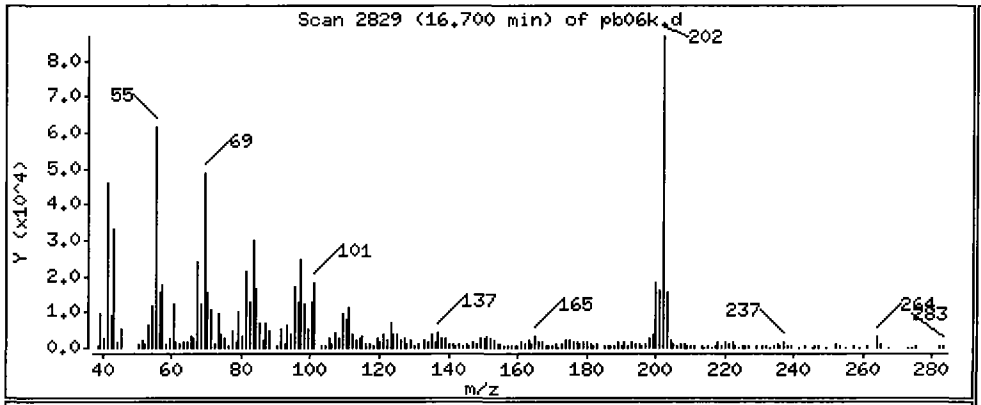
Operator: LJR/VTS

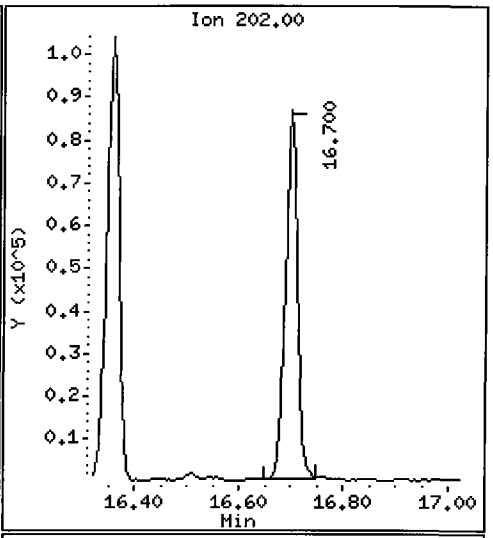
Column phase: ZB-5

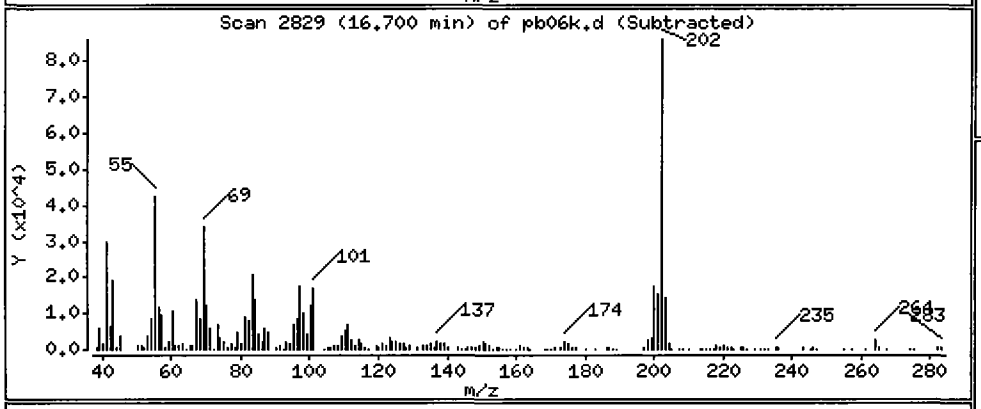
Column diameter: 0.32

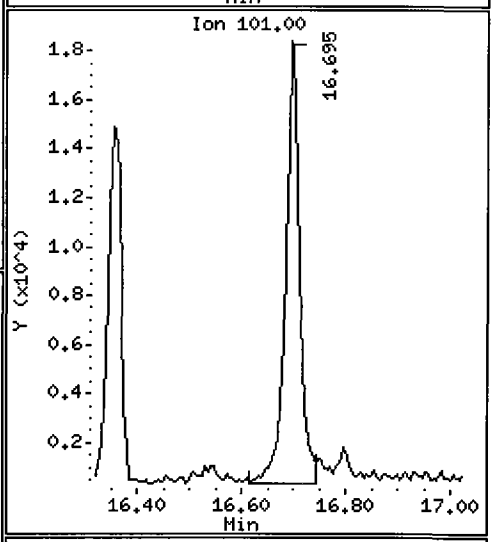
65 Pyrene

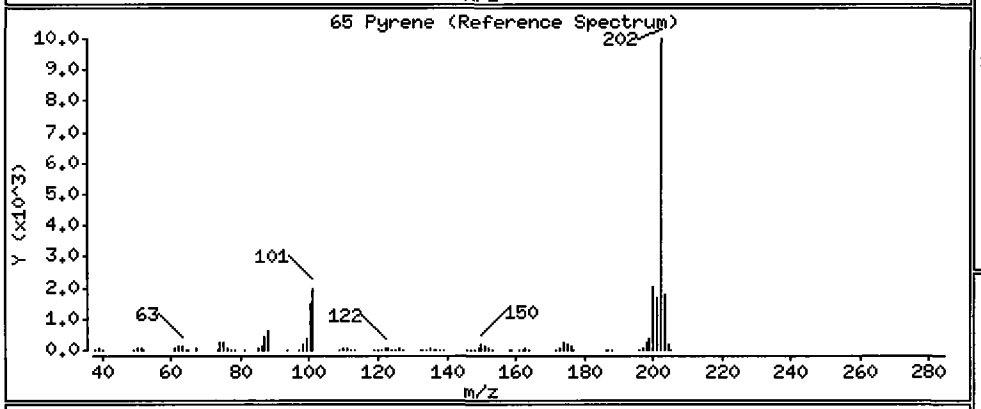
Concentration: 65.50 ug/kg

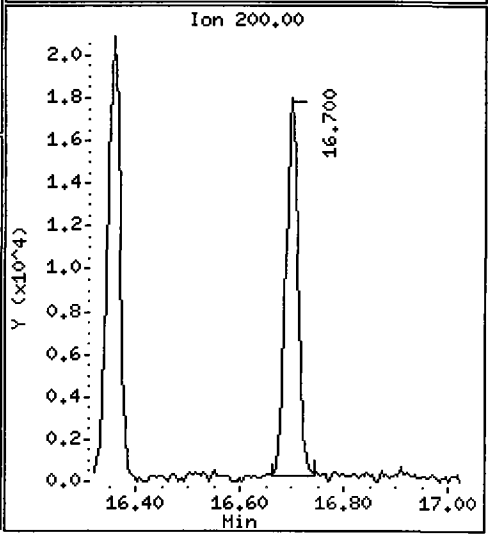


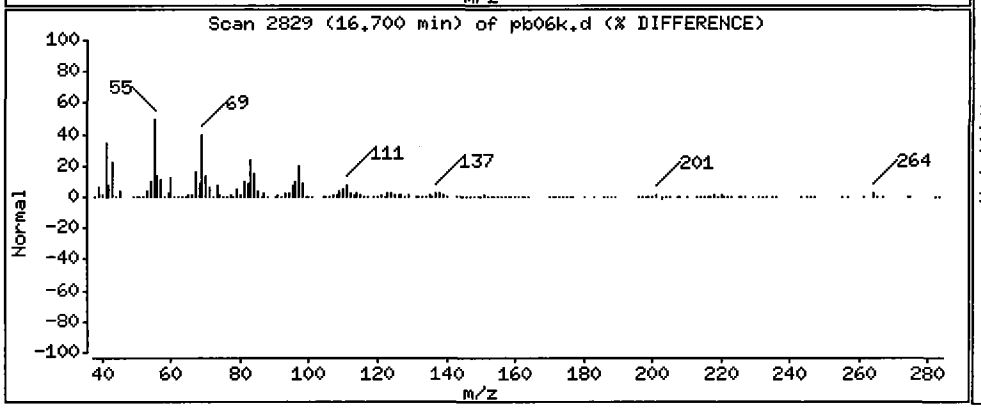












Data File: /chem1/nt6.i/20090611a.b/pb06k.d

Date : 12-JUN-2009 01:19

Client ID: BW-11-SS-090602

Instrument: nt6.i

Sample Info: PB06K

Volume Injected (uL): 1.0

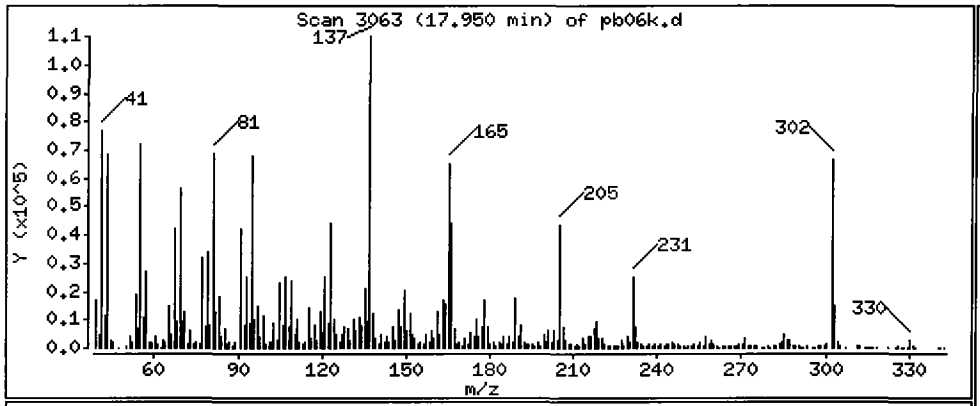
Operator: LJR/VTS

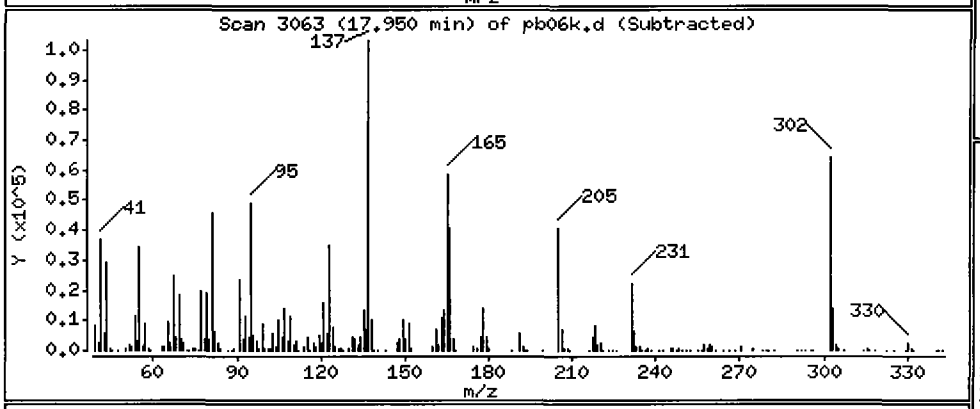
Column phase: ZB-5

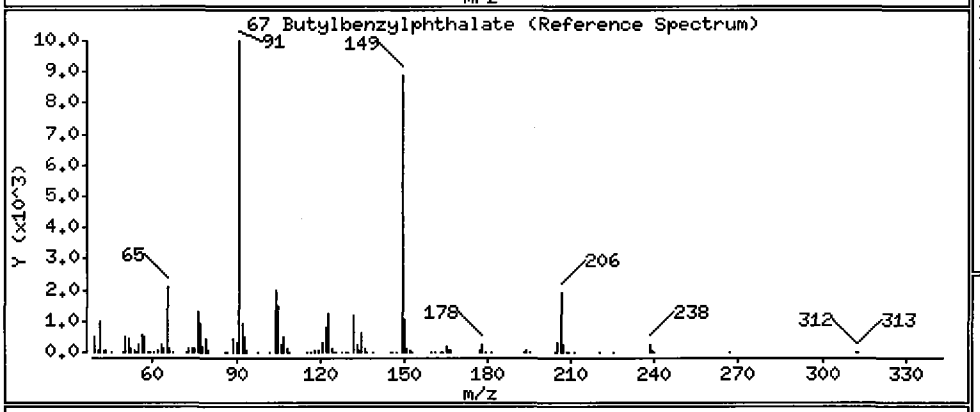
Column diameter: 0.32

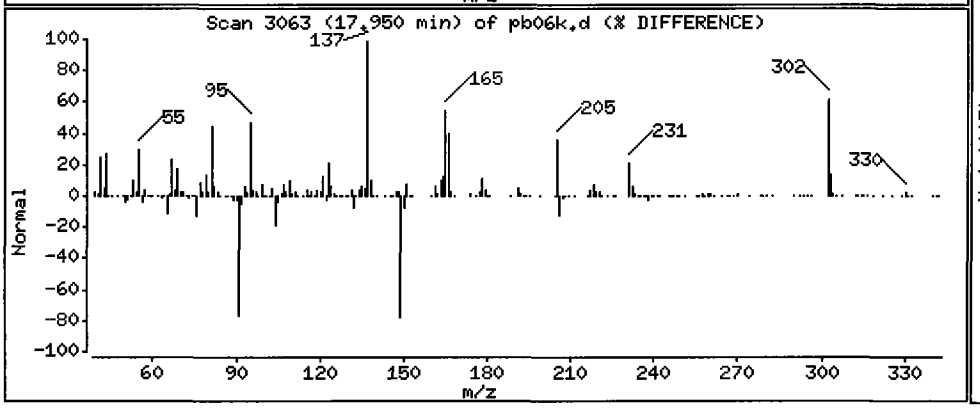
67 Butylbenzylphthalate

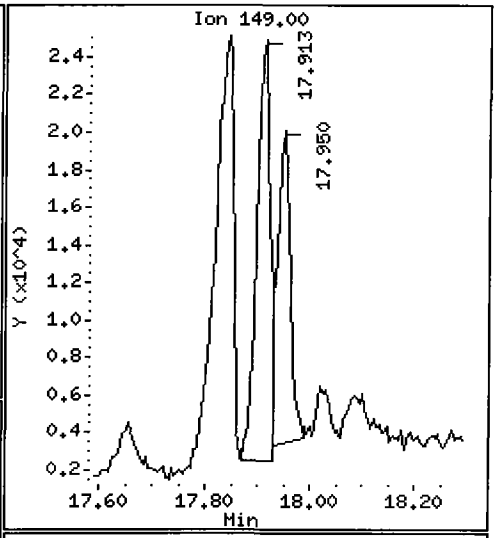
Concentration: 33.43 ug/kg

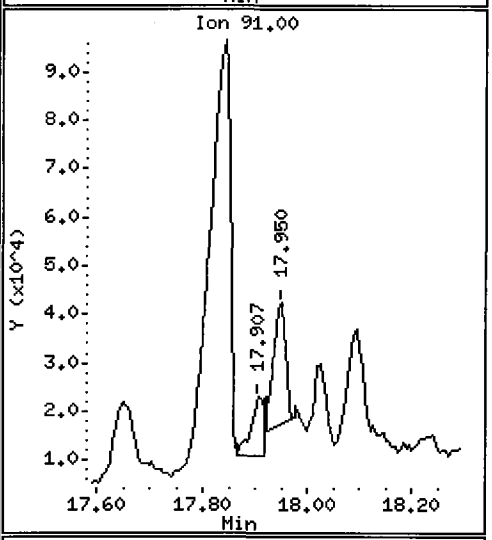


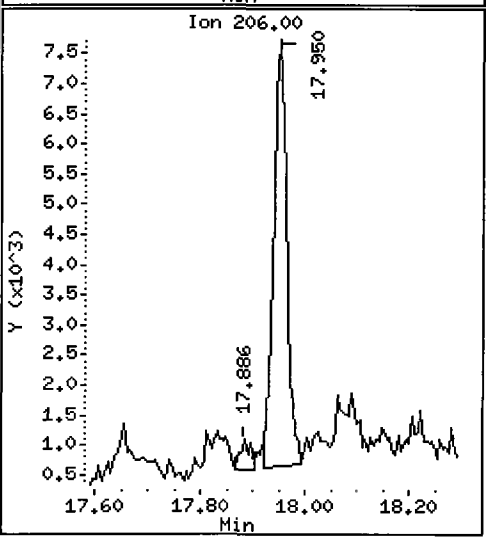












Data File: /chem1/nt6.i/20090611a.b/pb06k.d

Date : 12-JUN-2009 01:19

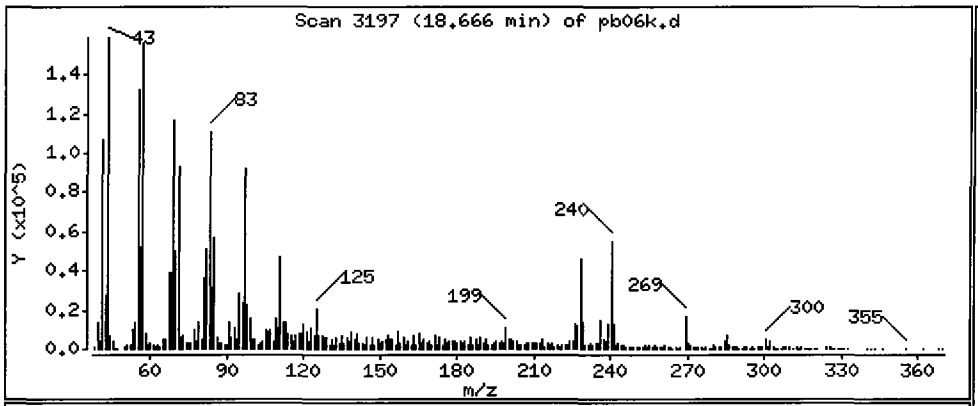
Client ID: BW-11-SS-090602 Instrument: nt6.i

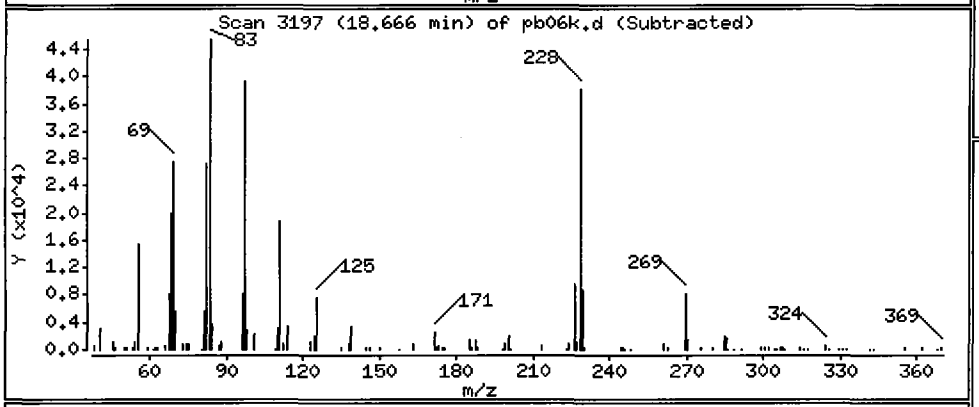
Sample Info: PB06K

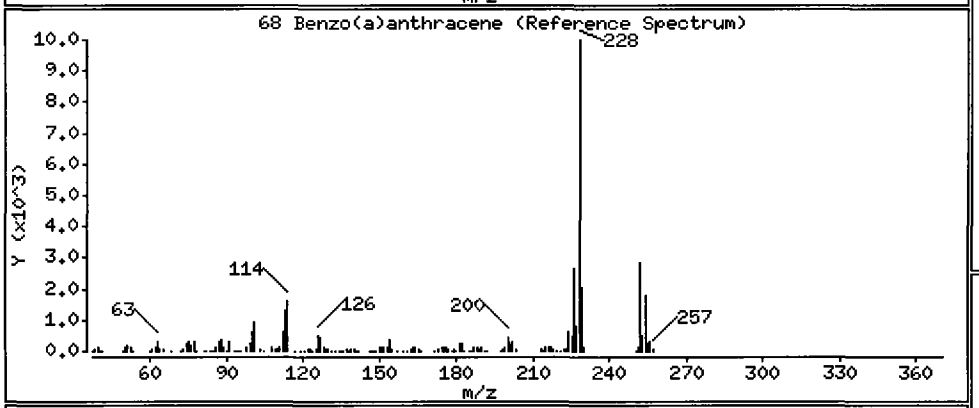
Volume Injected (uL): 1.0 Operator: LJR/VTS

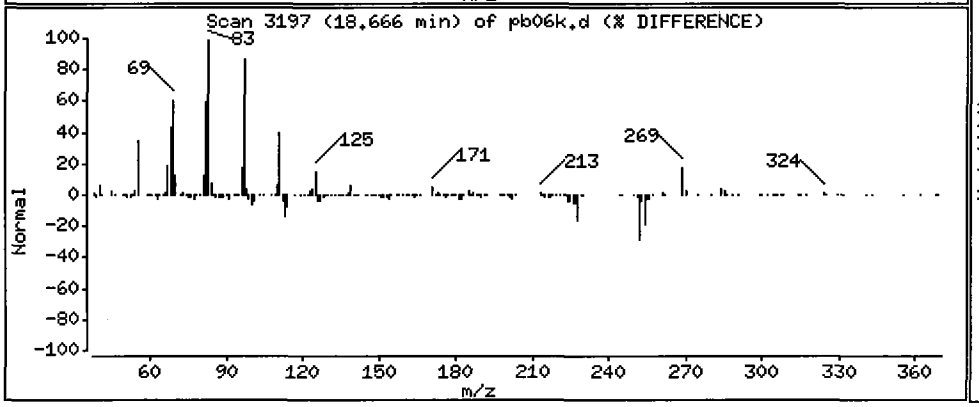
Column phase: ZB-5 Column diameter: 0.32

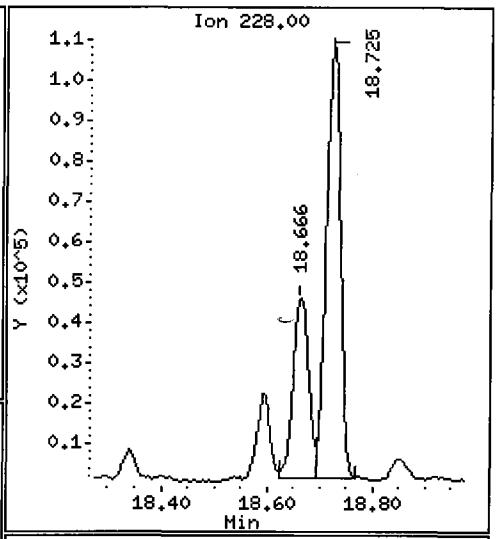
68 Benzo(a)anthracene Concentration: 47.83 ug/kg

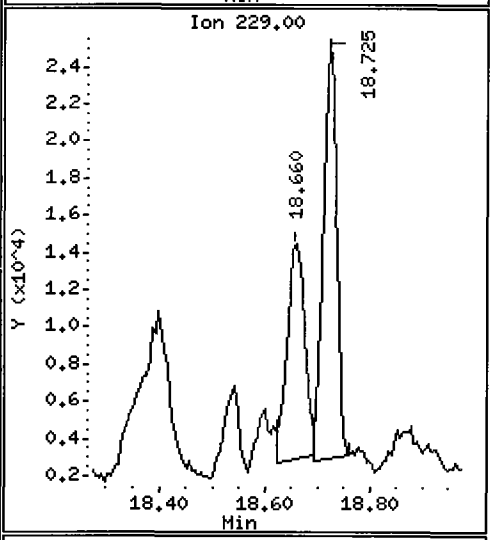


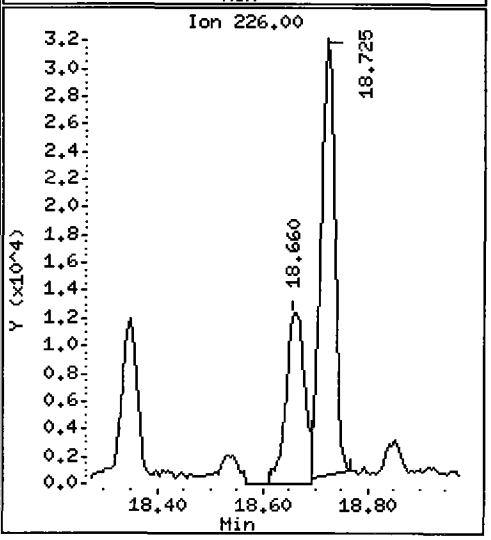












Data File: /chem1/nt6.i/20090611a.b/pb06k.d

Date : 12-JUN-2009 01:19

Client ID: BW-11-SS-090602

Instrument: nt6.i

Sample Info: PB06K

Volume Injected (uL): 1.0

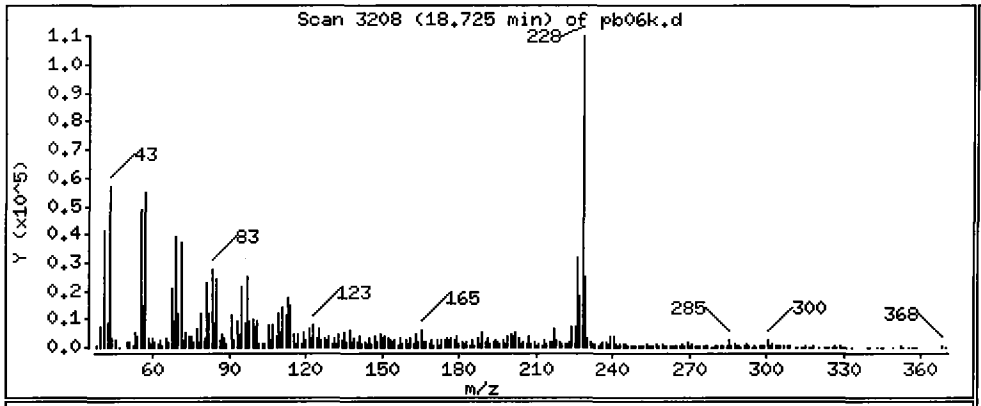
Operator: LJR/VTS

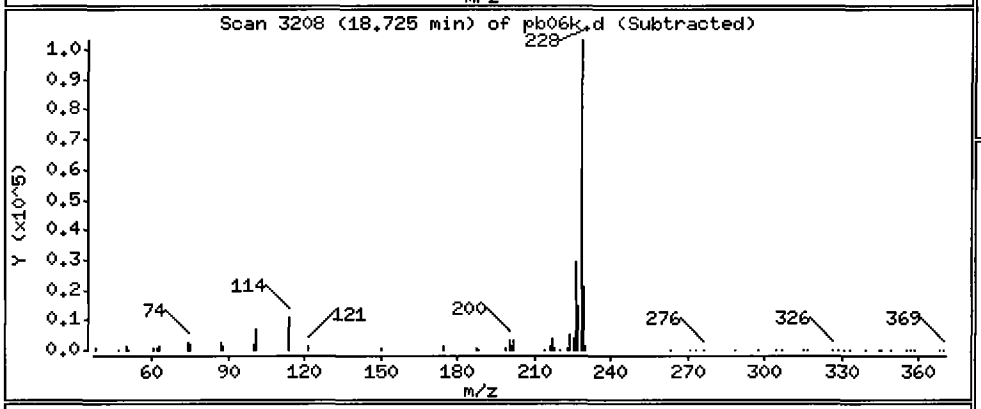
Column phase: ZB-5

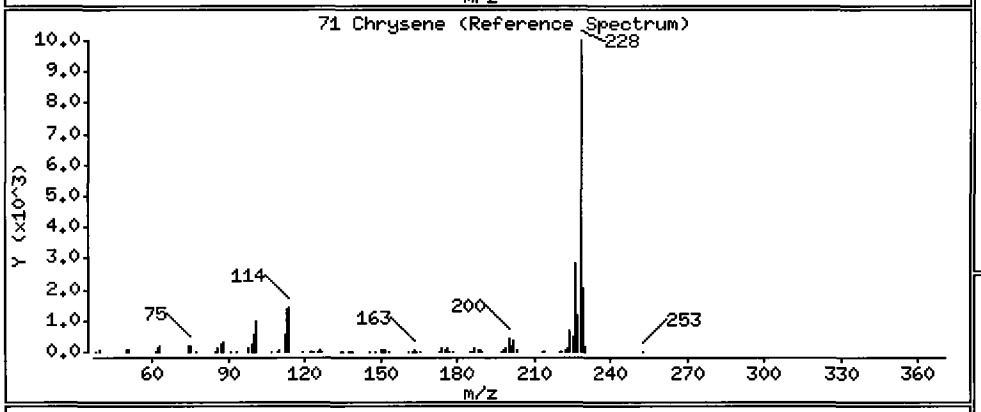
Column diameter: 0.32

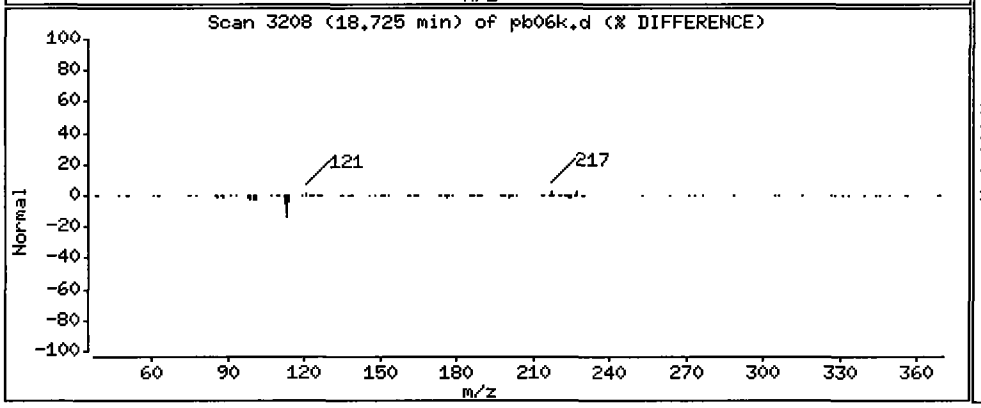
71 Chrysene

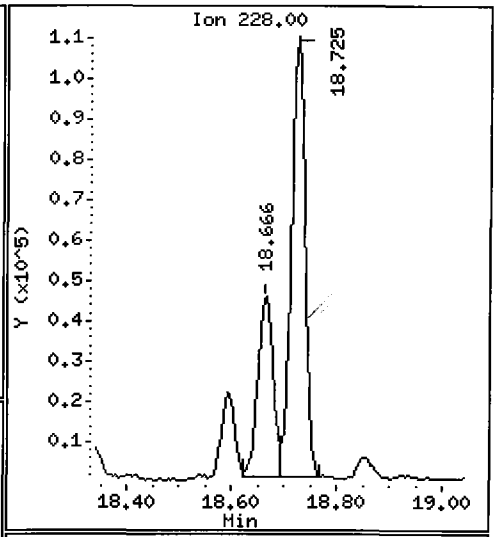
Concentration: 106.1 ug/kg

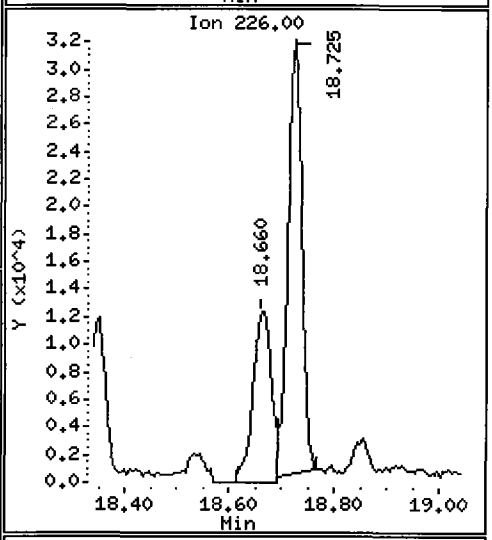


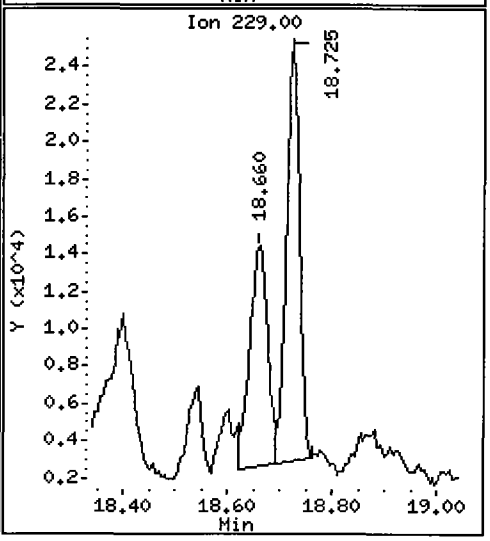












Data File: /chem1/nt6.i/20090611a.b/pb06k.d

Date : 12-JUN-2009 01:19

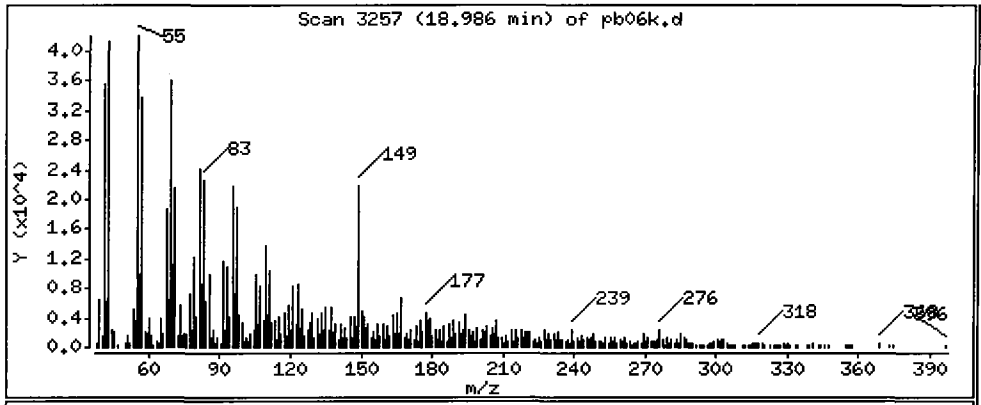
Client ID: BW-11-SS-090602 Instrument: nt6.i

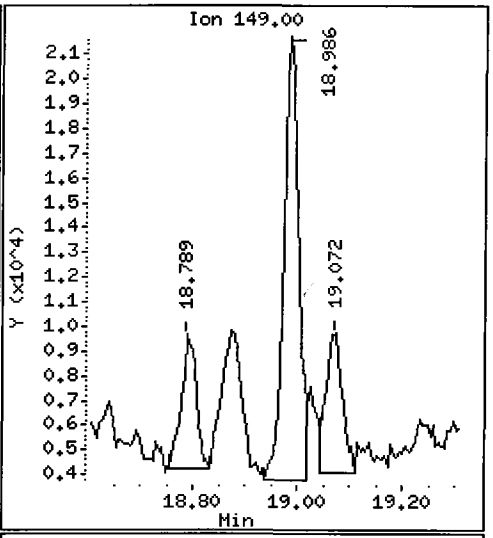
Sample Info: PB06K

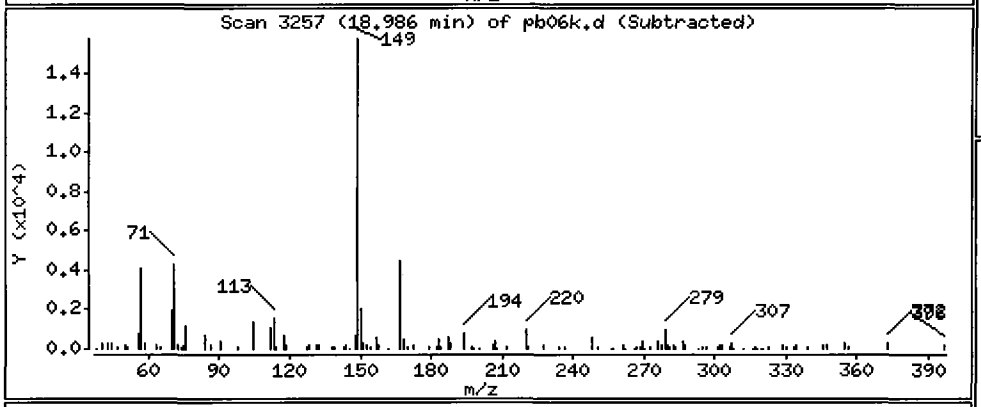
Volume Injected (uL): 1.0 Operator: LJR/VTS

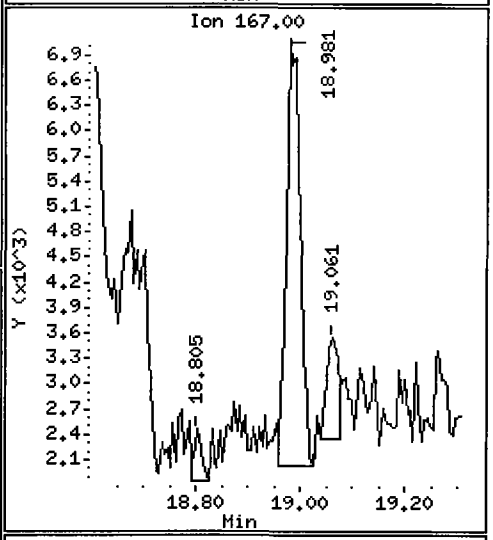
Column phase: ZB-5 Column diameter: 0.32

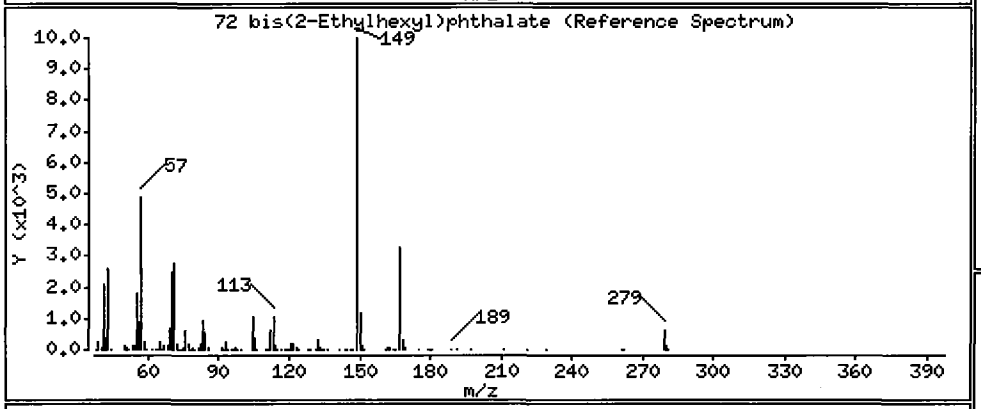
72 bis(2-Ethylhexyl)phthalate Concentration: 34.25 ug/kg

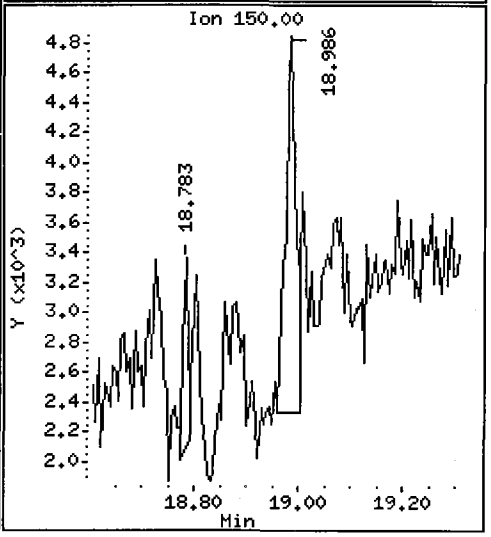


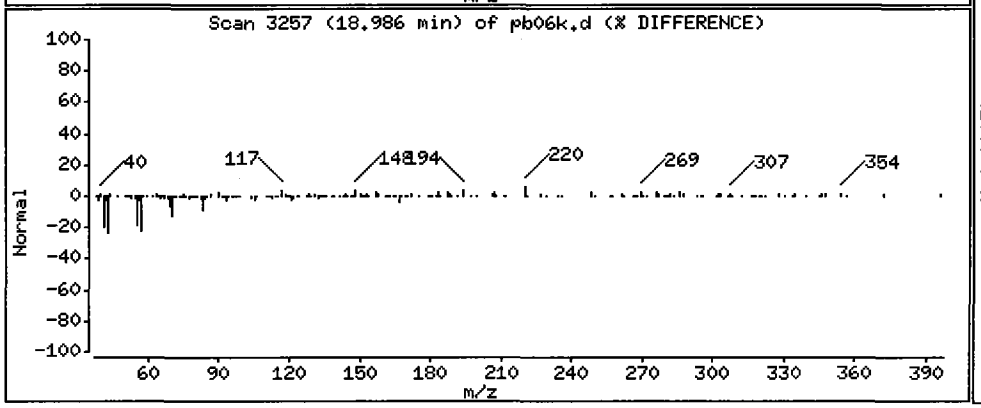












Data File: /chem1/nt6.i/20090611a.b/pb06k.d

Date : 12-JUN-2009 01:19

Client ID: BW-11-SS-090602 Instrument: nt6.i

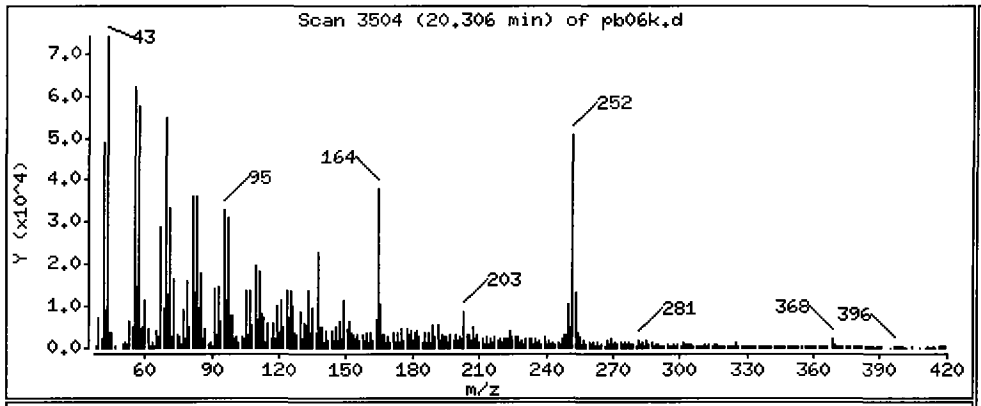
Sample Info: PB06K

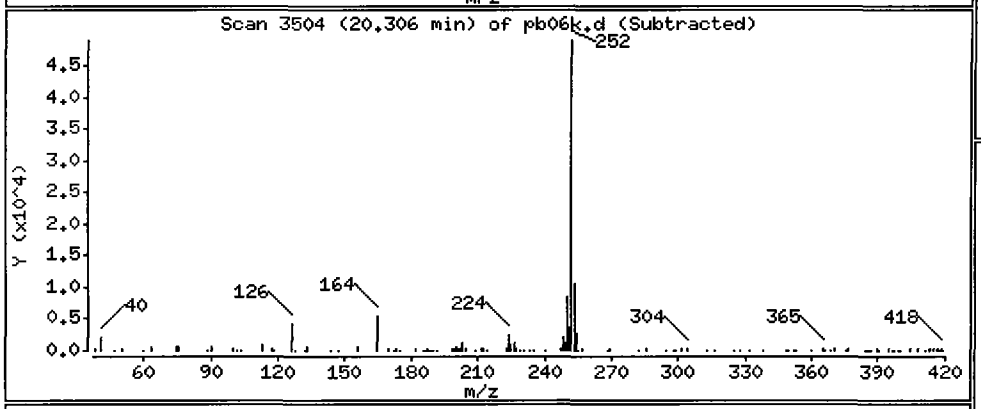
Volume Injected (uL): 1.0 Operator: LJR/VTS

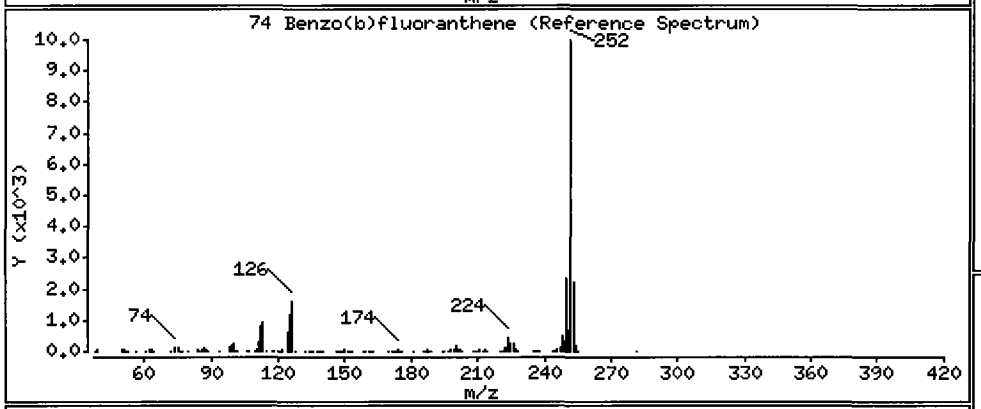
Column phase: ZB-5 Column diameter: 0.32

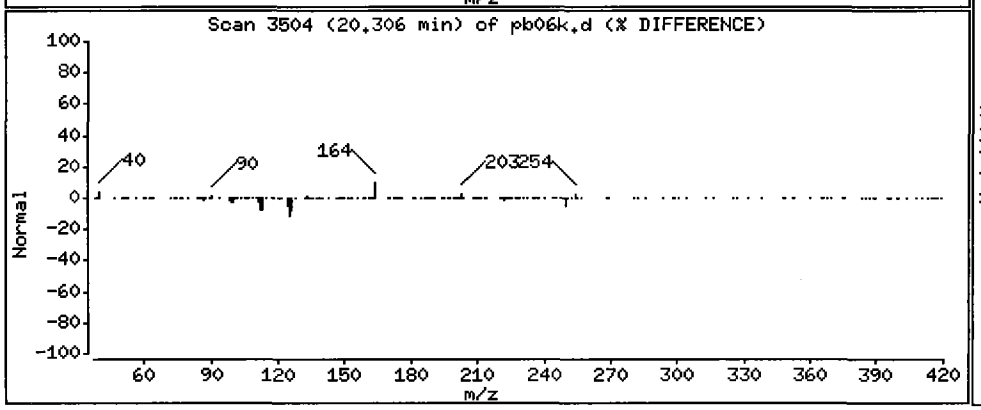
1/2

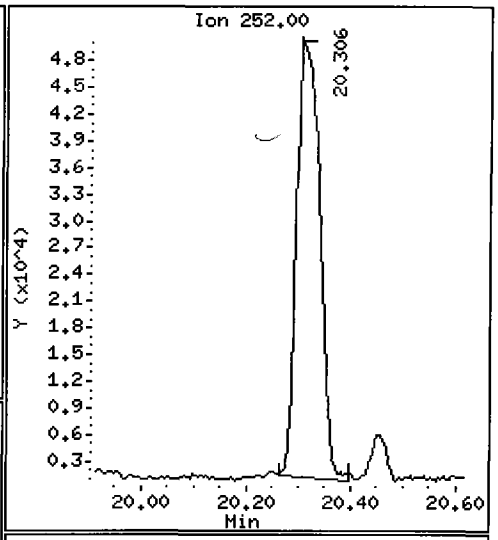
74 Benzo(b)fluoranthene Concentration: 90.86 ug/kg

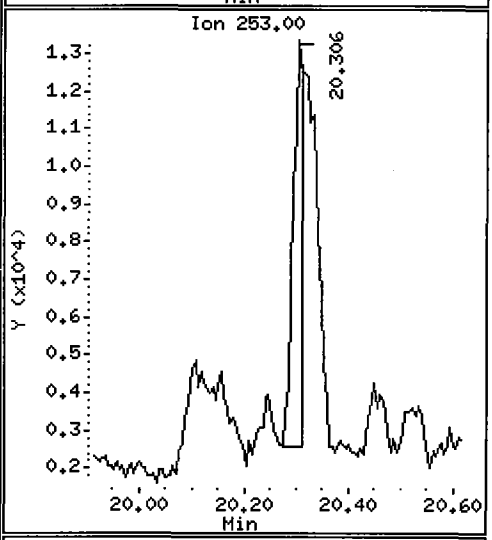


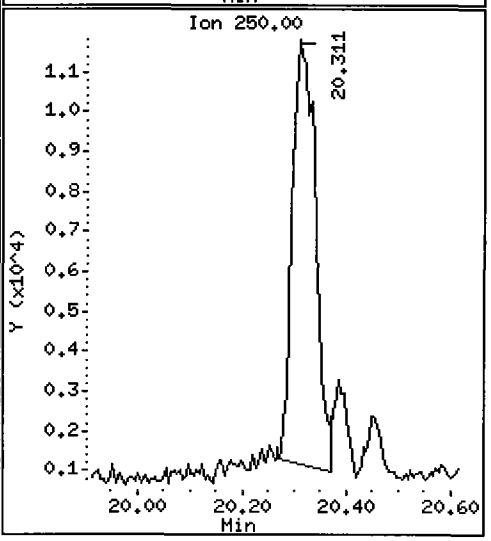












Data File: /chem1/nt6.i/20090611a.b/pb06k.d

Date : 12-JUN-2009 01:19

Client ID: BW-11-SS-090602

Instrument: nt6.i

Sample Info: PB06K

Volume Injected (uL): 1.0

Operator: LJR/VTS

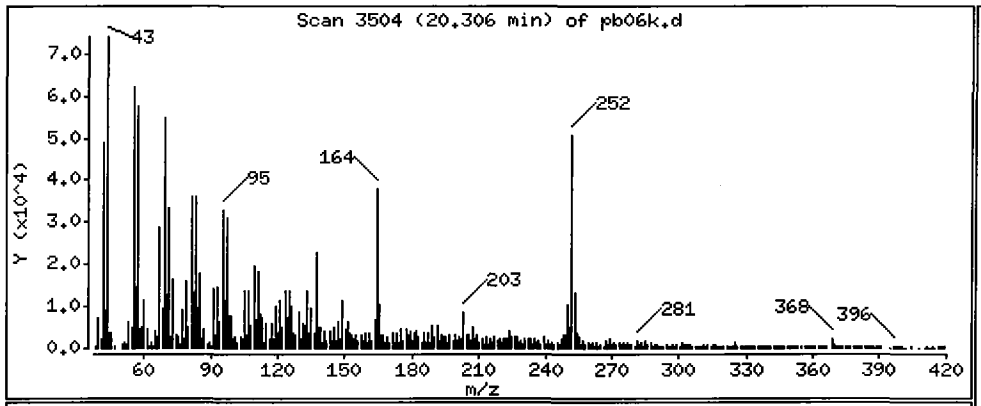
Column phase: ZB-5

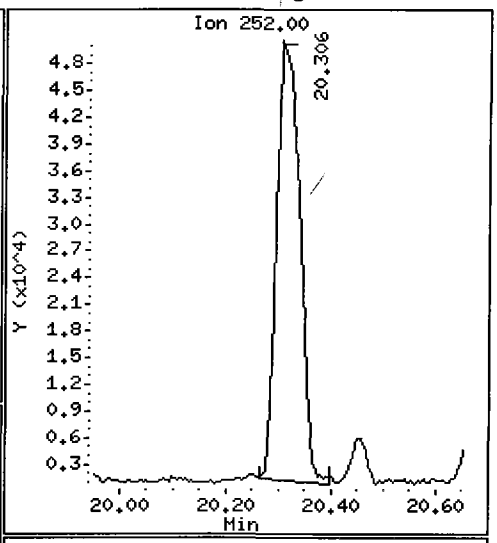
Column diameter: 0.32

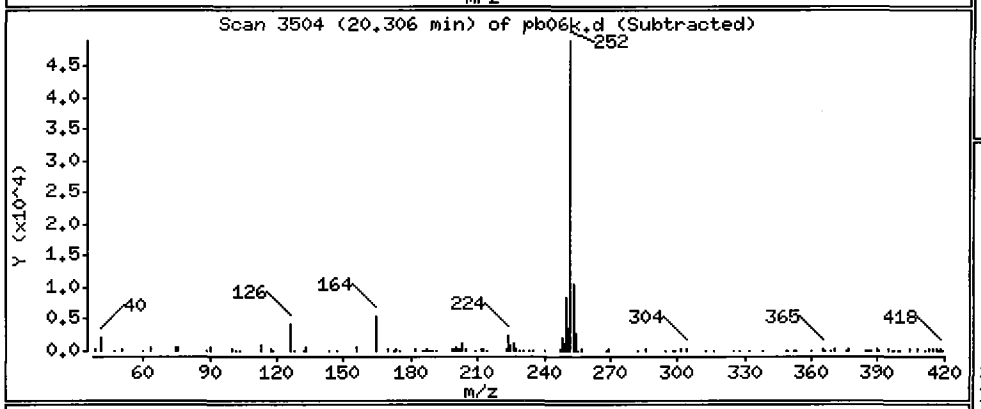
75 Benzo(k)fluoranthene

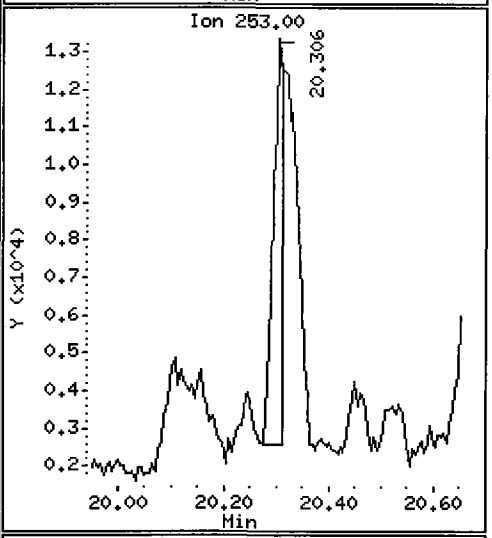
Concentration: 88.46 ug/kg

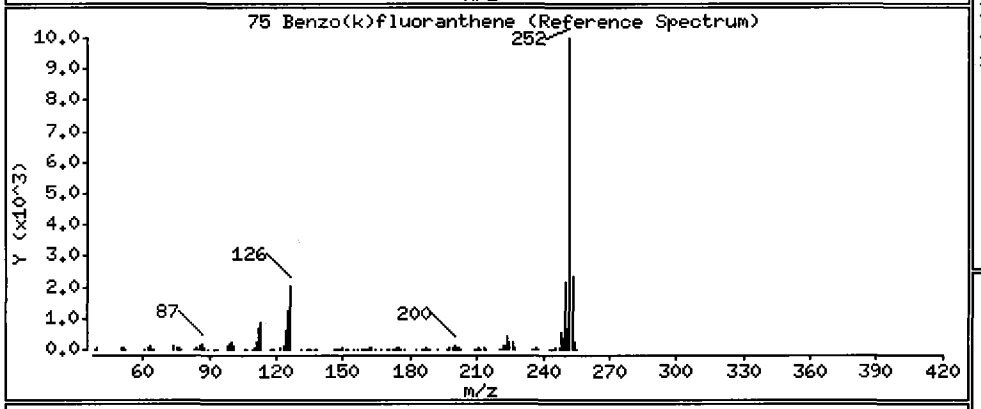
1/2

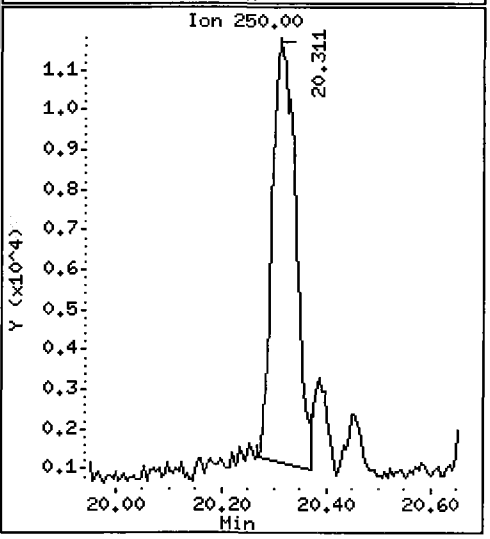


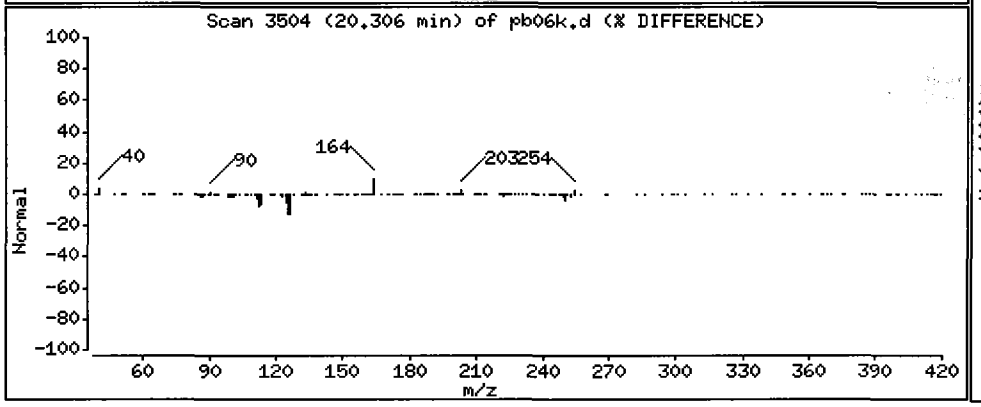












Data File: /chem1/nt6.i/20090611a.b/pb06k.d

Date : 12-JUN-2009 01:19

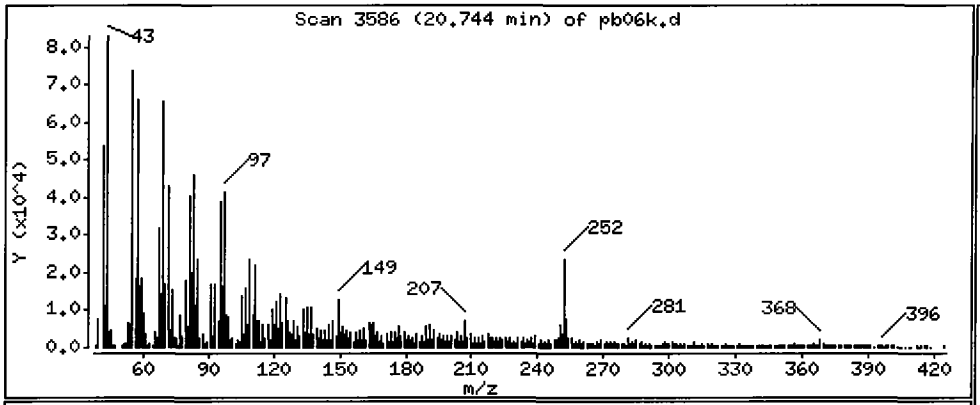
Client ID: BW-11-SS-090602 Instrument: nt6.i

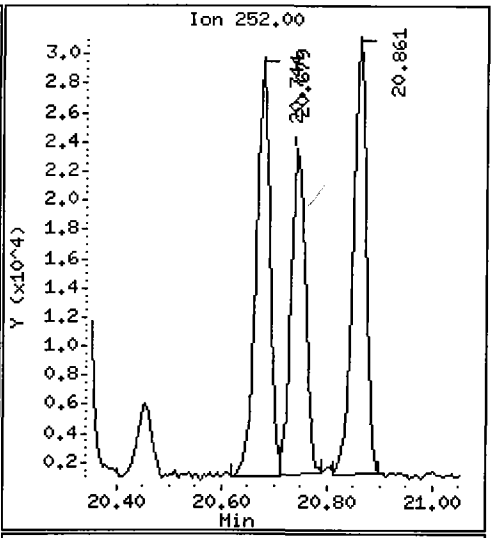
Sample Info: PB06K

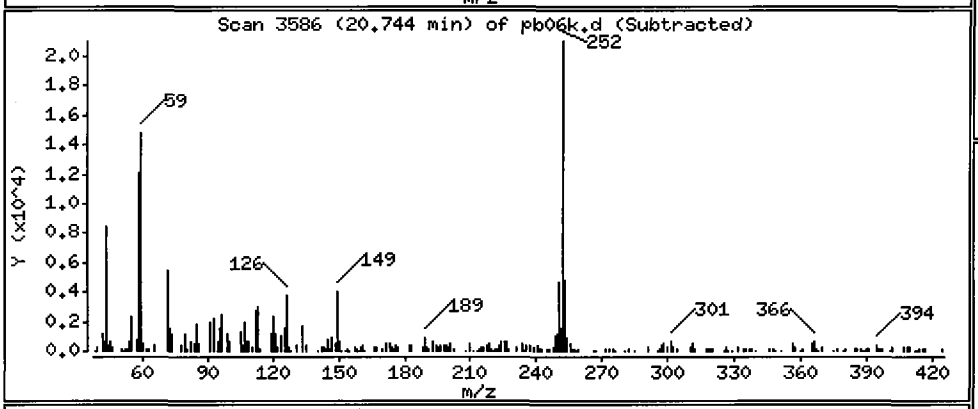
Volume Injected (uL): 1.0 Operator: LJR/VTS

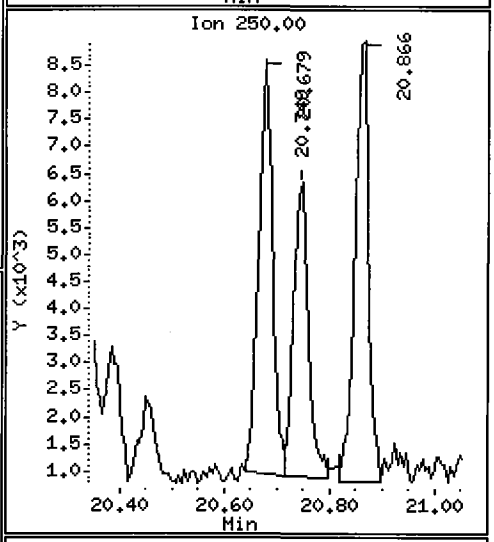
Column phase: ZB-5 Column diameter: 0.32

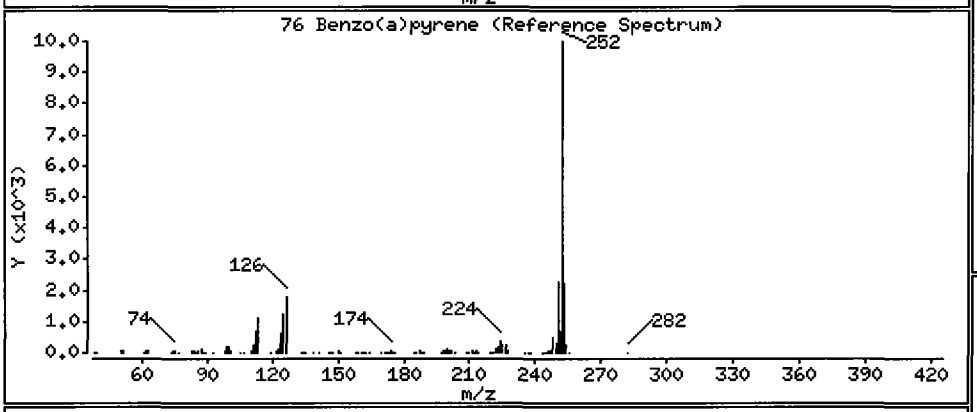
76 Benzo(a)pyrene Concentration: 27.95 ug/kg

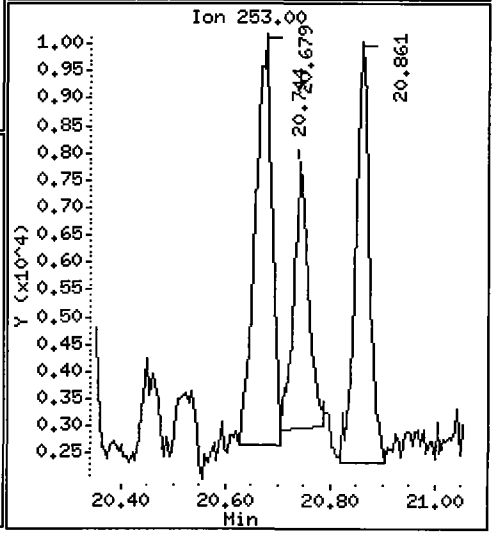


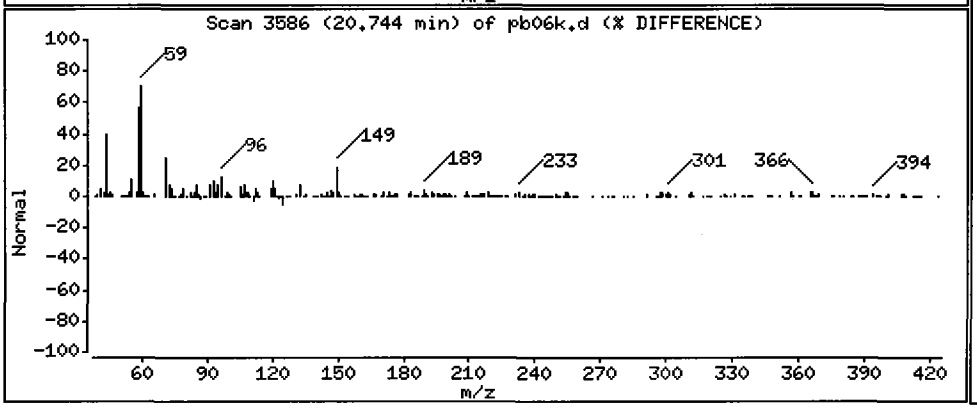












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: BW-11-SS-090602
DILUTION

Lab Sample ID: PB06K
LIMS ID: 09-12552
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/16/09 01:32
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 5.00
Percent Moisture: 54.9%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	99	< 99 U
541-73-1	1,3-Dichlorobenzene	99	< 99 U
106-46-7	1,4-Dichlorobenzene	99	< 99 U
100-51-6	Benzyl Alcohol	99	< 99 U
95-50-1	1,2-Dichlorobenzene	99	< 99 U
95-48-7	2-Methylphenol	99	< 99 U
106-44-5	4-Methylphenol	99	< 99 U
105-67-9	2,4-Dimethylphenol	99	< 99 U
65-85-0	Benzoic Acid	990	< 990 U
120-82-1	1,2,4-Trichlorobenzene	99	< 99 U
91-20-3	Naphthalene	99	< 99 U
87-68-3	Hexachlorobutadiene	99	< 99 U
91-57-6	2-Methylnaphthalene	99	< 99 U
131-11-3	Dimethylphthalate	99	< 99 U
208-96-8	Acenaphthylene	99	< 99 U
83-32-9	Acenaphthene	99	< 99 U
132-64-9	Dibenzofuran	99	< 99 U
84-66-2	Diethylphthalate	99	< 99 U
86-73-7	Fluorene	99	< 99 U
86-30-6	N-Nitrosodiphenylamine	99	< 99 U
118-74-1	Hexachlorobenzene	99	< 99 U
87-86-5	Pentachlorophenol	490	< 490 U
85-01-8	Phenanthrene	99	< 99 U
120-12-7	Anthracene	99	< 99 U
84-74-2	Di-n-Butylphthalate	99	< 99 U
206-44-0	**Fluoranthene**	**99**	**160**
129-00-0	**Pyrene**	**99**	**89 J**
85-68-7	Butylbenzylphthalate	99	< 99 U
56-55-3	**Benzo(a)anthracene**	**99**	**54 J**
117-81-7	bis(2-Ethylhexyl)phthalate	99	< 99 U
218-01-9	**Chrysene**	**99**	**120**
117-84-0	Di-n-Octyl phthalate	99	< 99 U
205-99-2	Benzo(b)fluoranthene	99	< 99 U
207-08-9	Benzo(k)fluoranthene	99	< 99 U
50-32-8	Benzo(a)pyrene	99	< 99 U
193-39-5	Indeno(1,2,3-cd)pyrene	99	< 99 U
53-70-3	Dibenz(a,h)anthracene	99	< 99 U
191-24-2	Benzo(g,h,i)perylene	99	< 99 U
90-12-0	1-Methylnaphthalene	99	< 99 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	65.0%	2-Fluorobiphenyl	70.4%
d14-p-Terphenyl	59.4%	d4-1,2-Dichlorobenzene	56.4%
d5-Phenol	64.1%	2-Fluorophenol	67.6%
2,4,6-Tribromophenol	74.3%	d4-2-Chlorophenol	63.7%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/pb06kdl.d
Lab Smp Id: PB06K Client Smp ID: BW-11-SS-090602
Inj Date : 16-JUN-2009 01:32
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB06K,5
Misc Info : 09-12552
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:41 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 21
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/16/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	56.10000	Weight of sample extracted (g)
M	54.90000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.796	4.782	(0.700)	38787	5.06858	500.8
$	2 Phenol-d5	99	6.548	6.534	(0.956)	49418	4.80896	475.2
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.558	6.555	(0.958)	29937	4.78077	472.4
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	6.847	6.849	(1.000)	92820	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.151	7.148	(1.044)	13029	2.81892	278.5
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	7.803	7.810	(0.875)	31590	3.25044	321.2
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	8.914	8.916	(1.000)	316450	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	10.730	10.732	(0.913)	45149	3.51989	347.8
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	11.750	11.747	(1.000)	172687	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.032	13.034	(1.109)	9165	5.56614	550.0
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.079	14.081	(1.000)	257537	20.0000	
	60 Phenanthrene	178	Compound Not Detected.					
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.023	16.025	(1.138)	27172	1.62816	160.9
65	Pyrene	202	16.359	16.361	(0.892)	22331	0.89969 LDL	88.90
$ 66	Terphenyl-d14	244	16.733	16.730	(0.912)	47465	2.96610	293.1
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	18.314	18.311	(0.999)	12172	0.55044 LDL	54.39
* 69	Chrysene-d12	240	18.341	18.338	(1.000)	299609	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.373	18.375	(1.002)	26133	1.23422	122.0
72	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
* 134	Di-n-octylphthalate-d4	153	19.601	19.603	(1.000)	415593	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	19.948	19.945	(0.975)	20146	0.84820 > T	83.81(M) 0.419 LMDL
75	Benzo(k)fluoranthene	252	19.948	19.977	(0.975)	20146	0.82581	81.60(M) 0.419 LMDL
76	Benzo(a)pyrene	252	Compound Not Detected.					
* 77	Perylene-d12	264	20.467	20.453	(1.000)	327760	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb06kdl.d
Lab Smp Id: PB06K
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12552

Calibration Date: 15-JUN-2009
Calibration Time: 14:39
Client Smp ID: BW-11-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	92820	-17.41
27 Naphthalene-d8	384492	192246	768984	316450	-17.70
42 Acenaphthene-d10	217478	108739	434956	172687	-20.60
59 Phenanthrene-d10	336594	168297	673188	257537	-23.49
69 Chrysene-d12	247160	123580	494320	299609	21.22
134 Di-n-octylphthala	347036	173518	694072	415593	19.76
77 Perylene-d12	232938	116469	465876	327760	40.71

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.85	-0.03
27 Naphthalene-d8	8.92	8.42	9.42	8.91	-0.02
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	0.03
59 Phenanthrene-d10	14.08	13.58	14.58	14.08	-0.02
69 Chrysene-d12	18.34	17.84	18.84	18.34	0.02
134 Di-n-octylphthala	19.60	19.10	20.10	19.60	-0.01
77 Perylene-d12	20.45	19.95	20.95	20.47	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

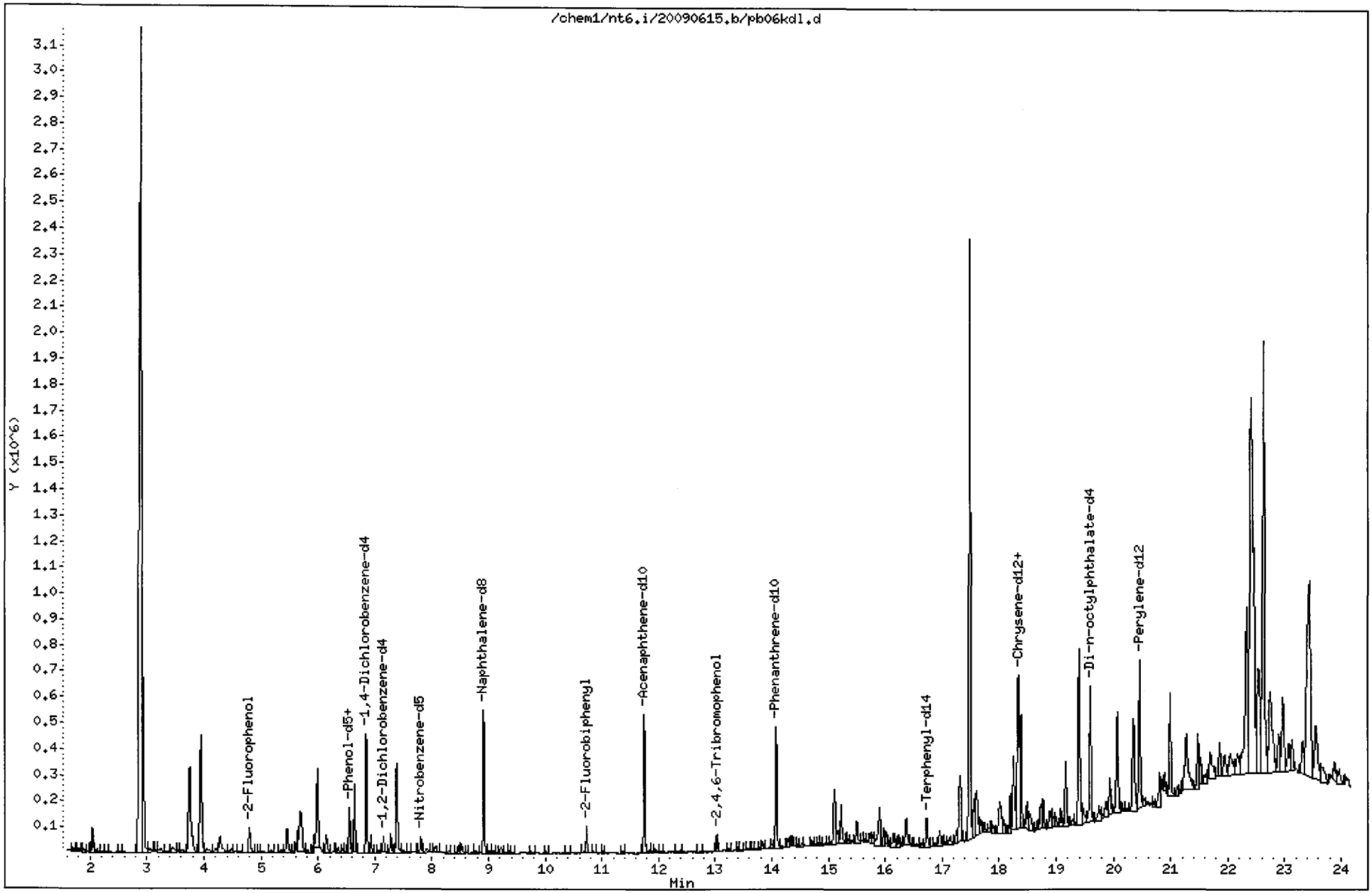
Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06K
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12552

Client SDG: PB06
Fraction: SV
Client Smp ID: BW-11-SS-090602
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	741.1	500.8	67.58	21-100
$ 2 Phenol-d5	741.1	475.2	64.12	10-100
$ 5 2-Chlorophenol-d4	741.1	472.4	63.74	30-100
$ 10 1,2-Dichlorobenzen	494.0	278.5	56.38	24-100
$ 18 Nitrobenzene-d5	494.0	321.2	65.01	26-100
$ 36 2-Fluorobiphenyl	494.0	347.8	70.40	32-100
$ 55 2,4,6-Tribromophen	741.1	550.0	74.22	33-118
$ 66 Terphenyl-d14	494.0	293.1	59.32	21-97

Data File: /chem1/nt6.i/20090615.b/pb06kd1.d
Date : 16-JUN-2009 01:32
Client ID: BW-11-SS-090602
Sample Info: PB06K,5
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem1/nt6.i/20090615.b/pb06kdl.d

Date : 16-JUN-2009 01:32

Client ID: BW-11-SS-090602

Instrument: nt6.i

Sample Info: PB06K,5

Volume Injected (uL): 1.0

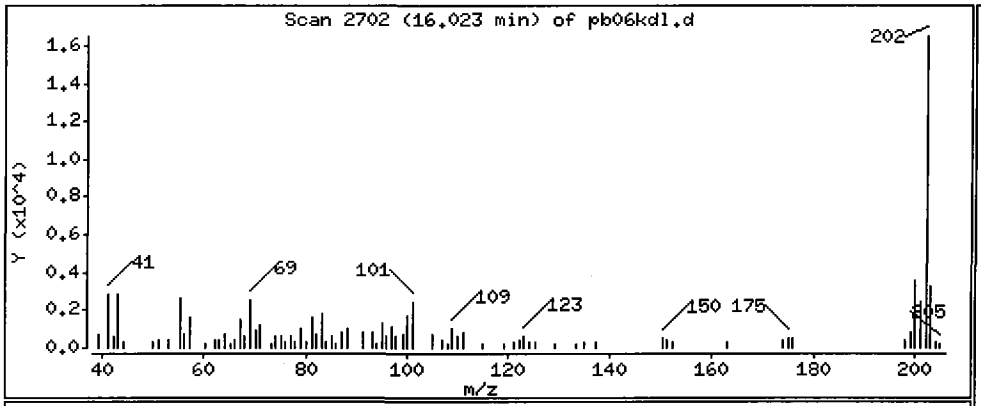
Operator: LJR/VTS

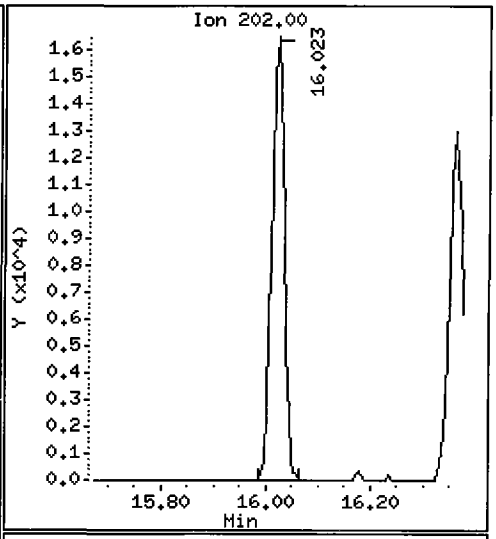
Column phase: ZB-5

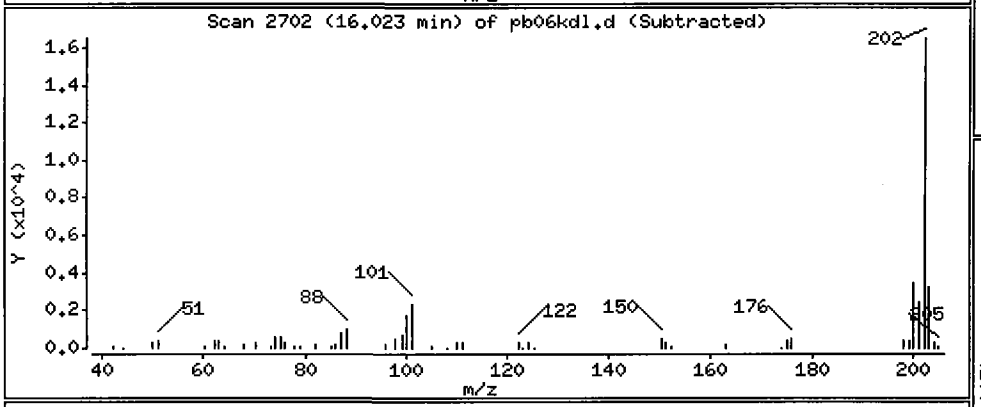
Column diameter: 0.32

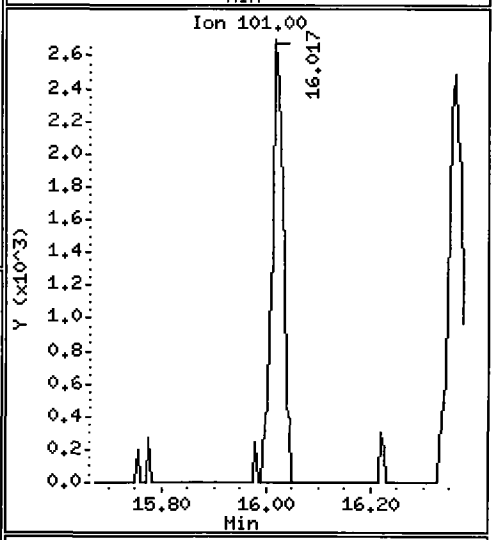
64 Fluoranthene

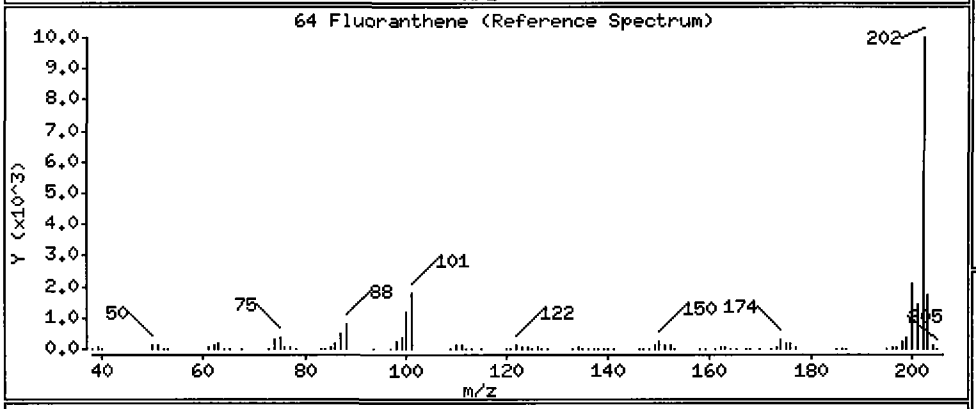
Concentration: 160.9 ug/kg

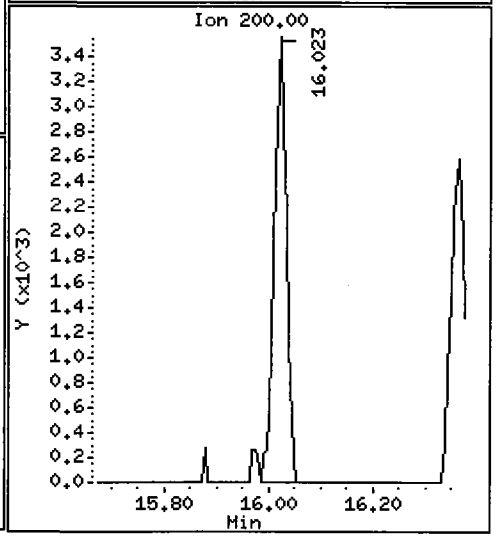


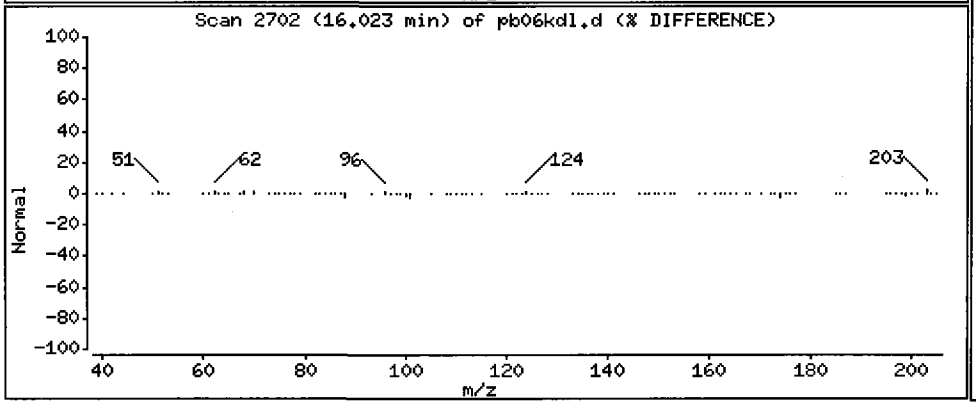












Data File: /chem1/nt6.i/20090615.b/pb06kdl.d

Date : 16-JUN-2009 01:32

Client ID: BW-11-SS-090602

Instrument: nt6.i

Sample Info: PB06K,5

Volume Injected (uL): 1.0

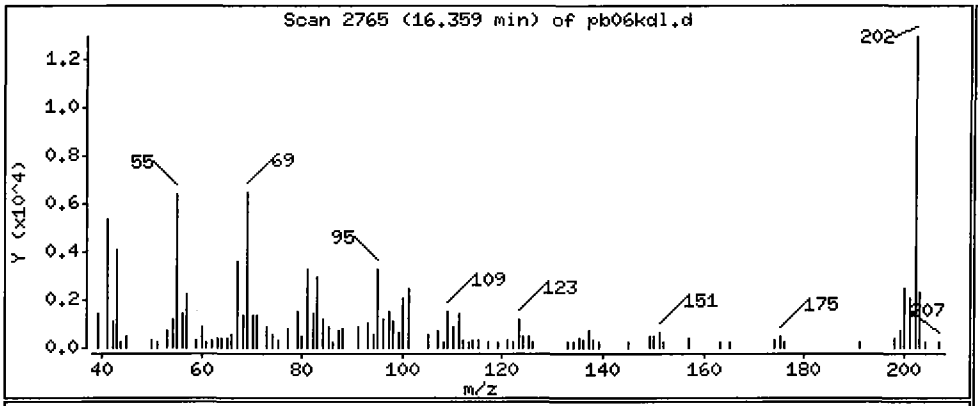
Operator: LJR/VTS

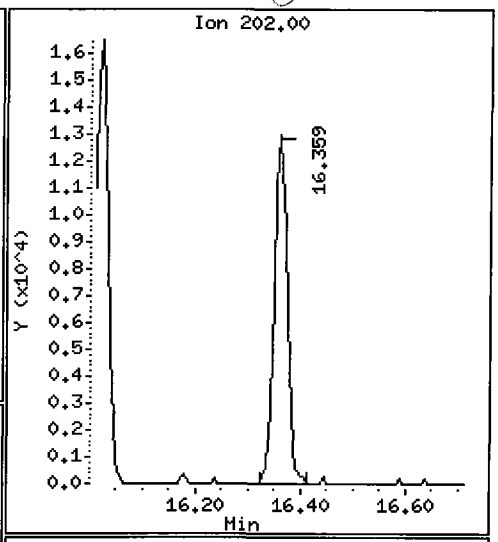
Column phase: ZB-5

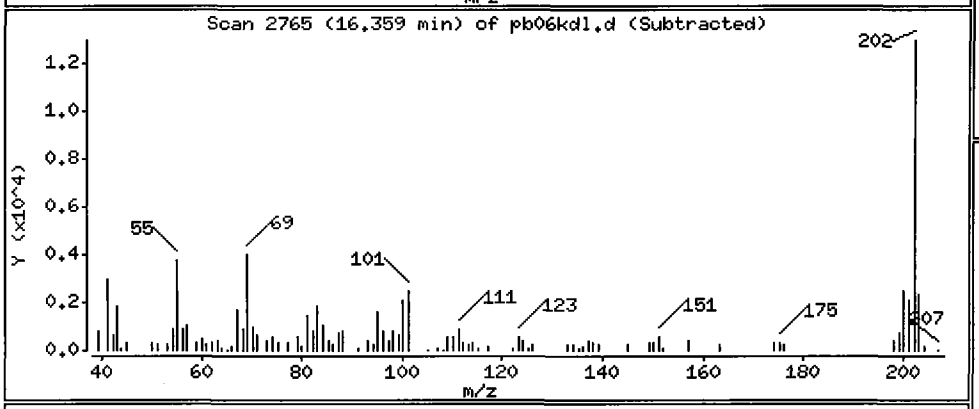
Column diameter: 0.32

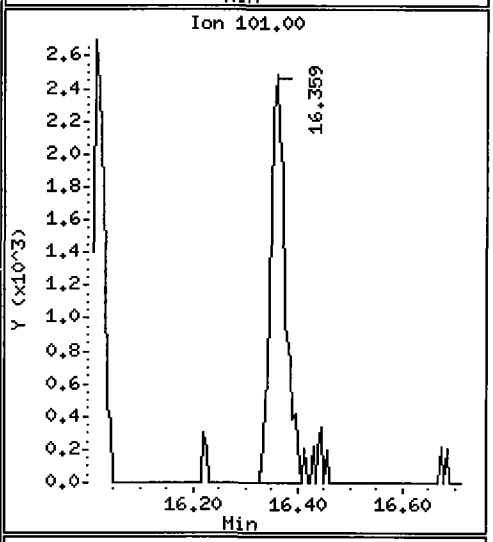
65 Pyrene

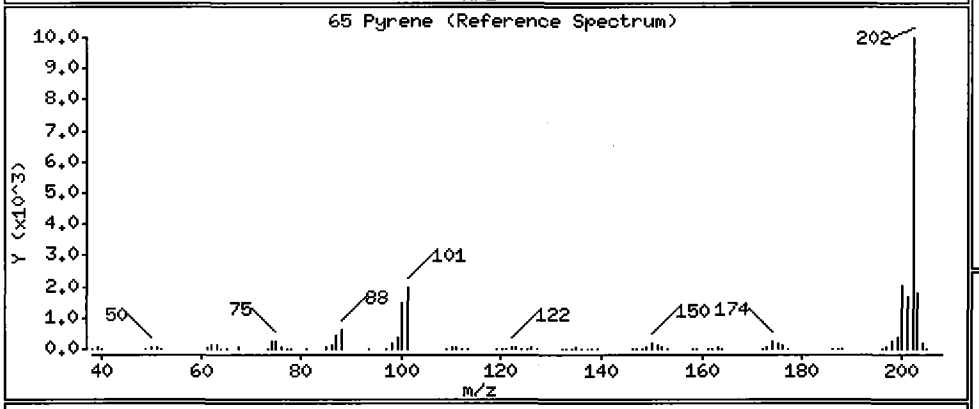
Concentration: 88.90 ug/kg

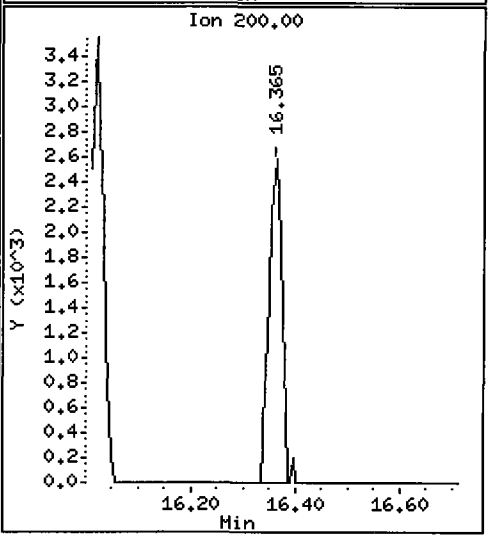


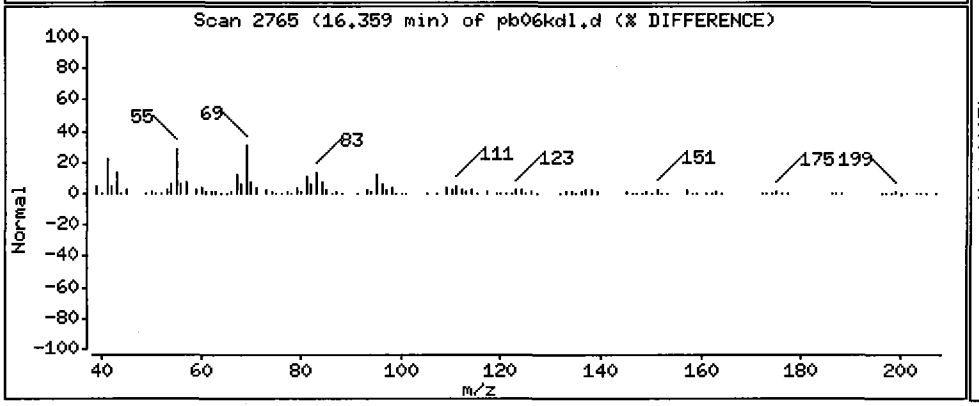












Data File: /chem1/nt6.i/20090615.b/pb06kdl.d

Date : 16-JUN-2009 01:32

Client ID: BW-11-SS-090602

Instrument: nt6.i

Sample Info: PB06K,5

Volume Injected (uL): 1.0

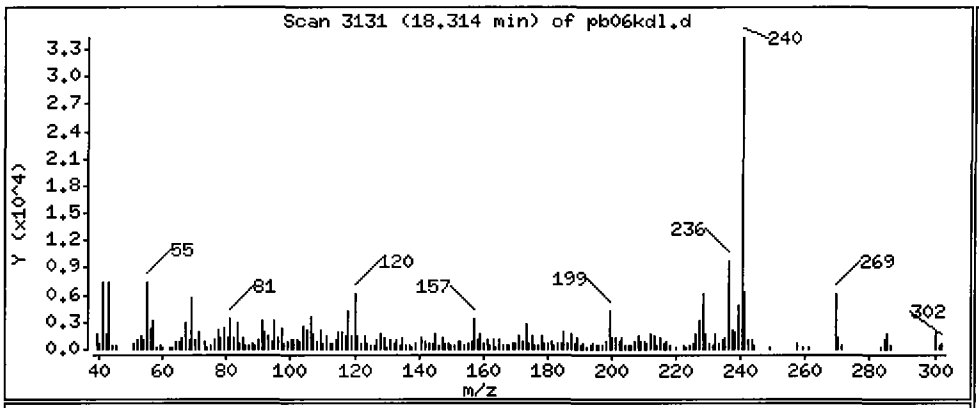
Operator: LJR/VTS

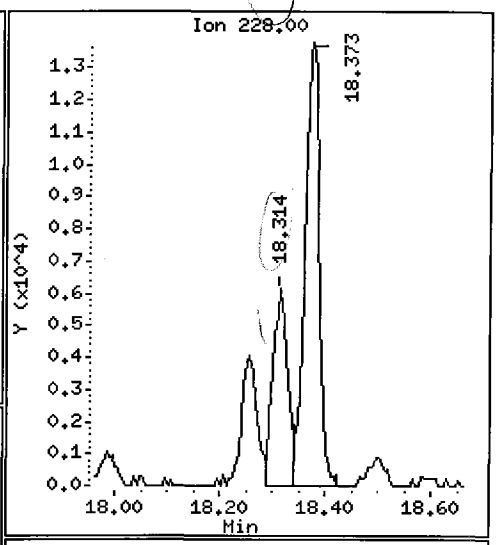
Column phase: ZB-5

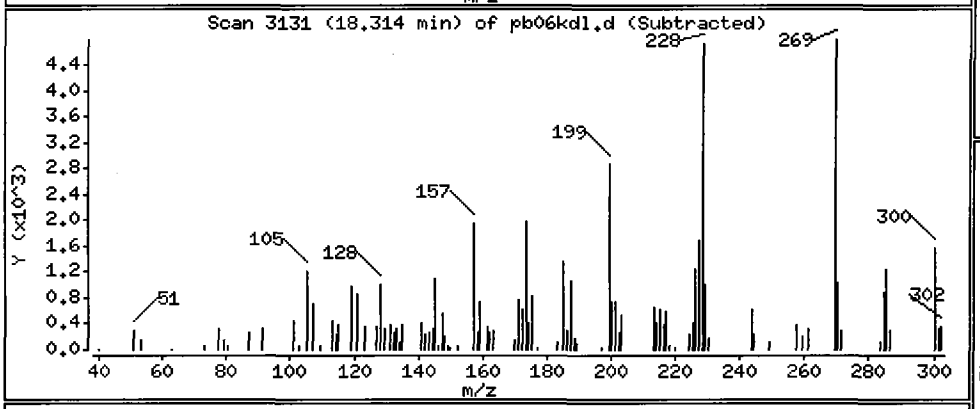
Column diameter: 0.32

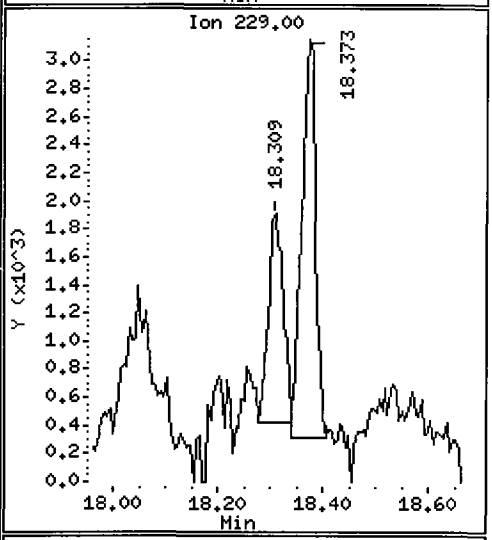
68 Benzo(a)anthracene

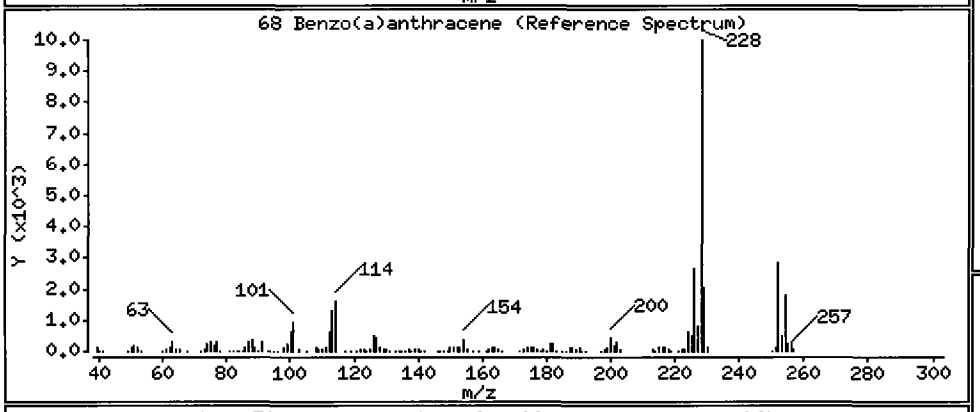
Concentration: 54.39 ug/kg

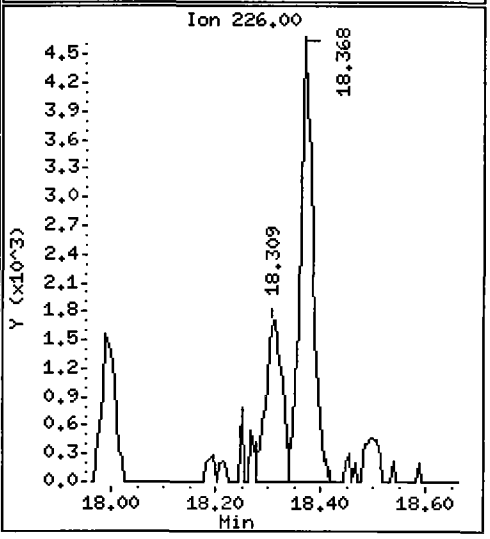


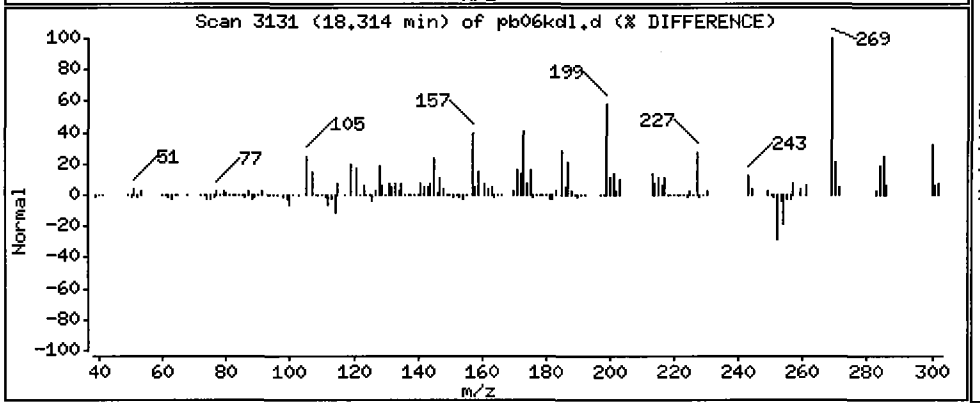












Data File: /chem1/nt6.i/20090615.b/pb06kdl.d

Date : 16-JUN-2009 01:32

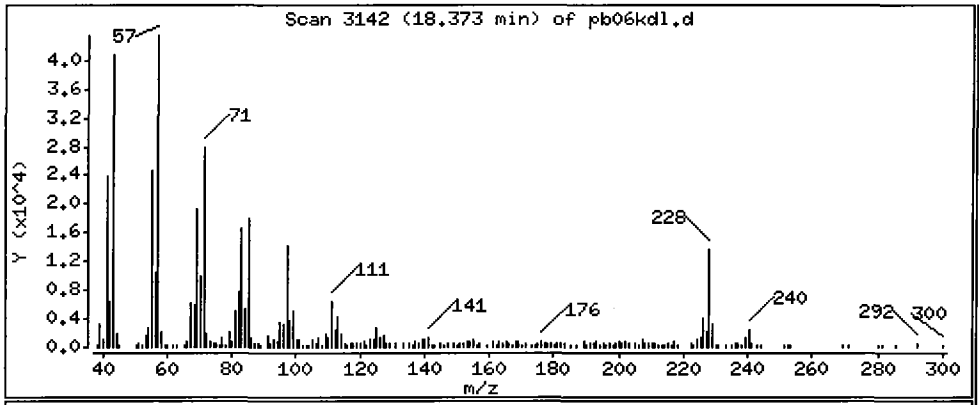
Client ID: BW-11-SS-090602 Instrument: nt6.i

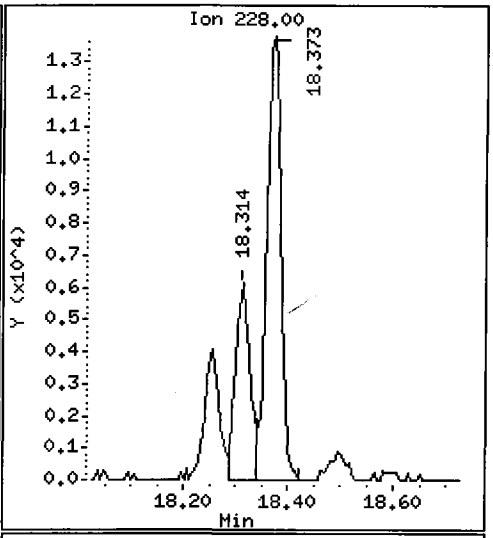
Sample Info: PB06K,5

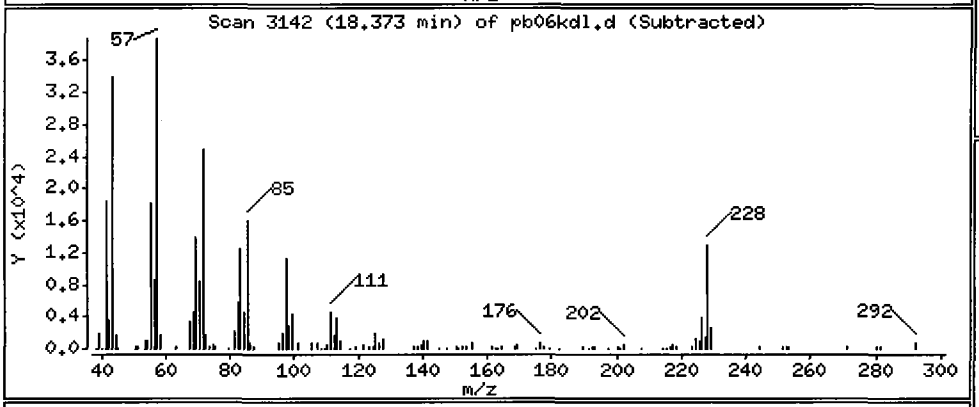
Volume Injected (uL): 1.0 Operator: LJR/VTS

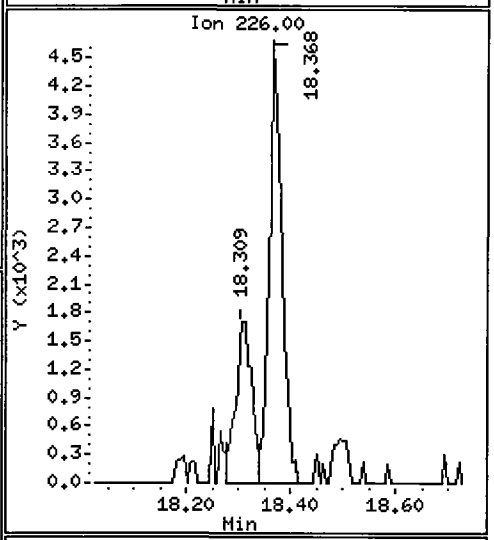
Column phase: ZB-5 Column diameter: 0.32

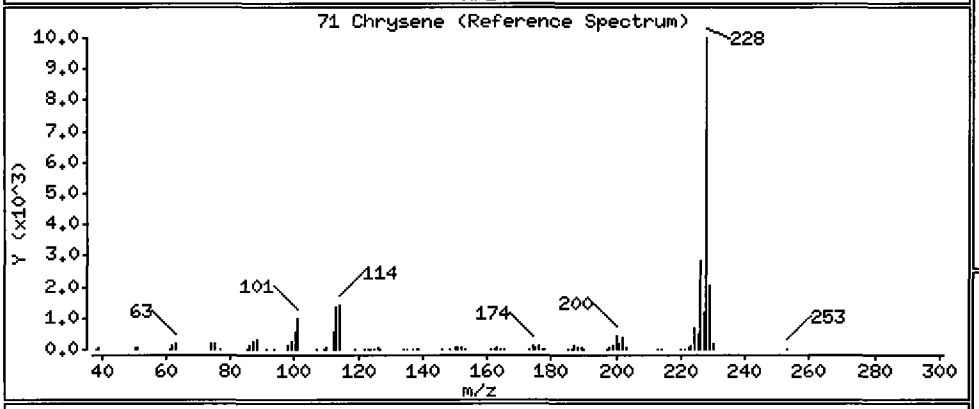
71 Chrysene Concentration: 122.0 ug/kg

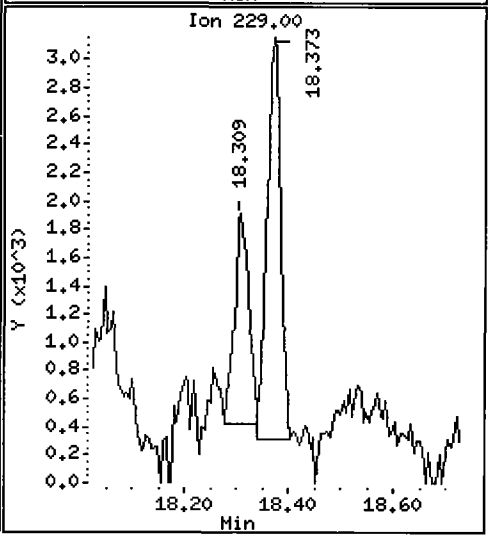


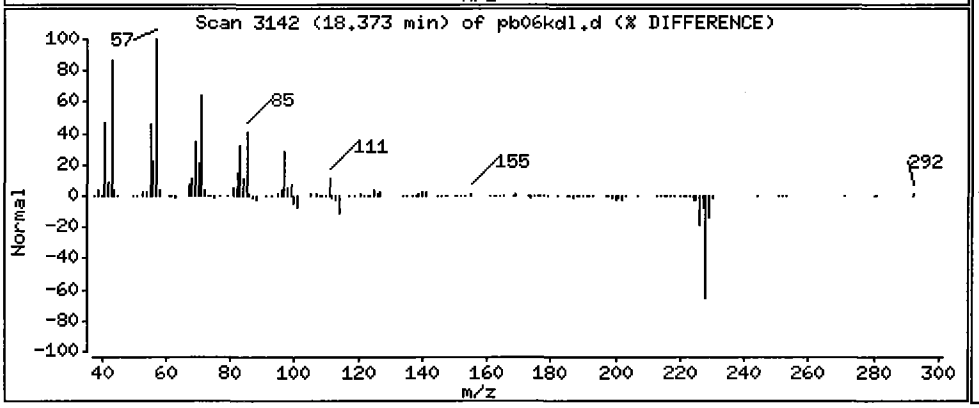












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: BW-53-SS-090602
SAMPLE

Lab Sample ID: PB06M
LIMS ID: 09-12554
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/12/09 01:52
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 51.2%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	19	< 19 U
541-73-1	1,3-Dichlorobenzene	19	< 19 U
106-46-7	1,4-Dichlorobenzene	19	< 19 U
100-51-6	Benzyl Alcohol	19	< 19 U
95-50-1	1,2-Dichlorobenzene	19	< 19 U
95-48-7	2-Methylphenol	19	< 19 U
106-44-5	4-Methylphenol	19	< 19 U
105-67-9	2,4-Dimethylphenol	19	< 19 U
65-85-0	Benzoic Acid	190	< 190 U
120-82-1	1,2,4-Trichlorobenzene	19	< 19 U
91-20-3	Naphthalene	19	< 19 U
87-68-3	Hexachlorobutadiene	19	< 19 U
91-57-6	2-Methylnaphthalene	19	< 19 U
131-11-3	Dimethylphthalate	19	< 19 U
208-96-8	Acenaphthylene	19	< 19 U
83-32-9	Acenaphthene	19	< 19 U
132-64-9	Dibenzofuran	19	< 19 U
84-66-2	Diethylphthalate	19	< 19 U
86-73-7	Fluorene	19	< 19 U
86-30-6	N-Nitrosodiphenylamine	19	< 19 U
118-74-1	Hexachlorobenzene	19	< 19 U
87-86-5	Pentachlorophenol	97	< 97 U
85-01-8	**Phenanthrene**	**19**	**15 J**
120-12-7	**Anthracene**	**19**	**11 J**
84-74-2	Di-n-Butylphthalate	19	< 19 U
206-44-0	**Fluoranthene**	**19**	**66**
129-00-0	**Pyrene**	**19**	**36**
85-68-7	Butylbenzylphthalate	19	< 19 U
56-55-3	**Benzo(a)anthracene**	**19**	**24**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**19**	**22**
218-01-9	**Chrysene**	**19**	**58**
117-84-0	Di-n-Octyl phthalate	19	< 19 U
205-99-2	**Benzo(b)fluoranthene**	**19**	**27**
207-08-9	**Benzo(k)fluoranthene**	**19**	**27**
50-32-8	**Benzo(a)pyrene**	**19**	**18 J**
193-39-5	Indeno(1,2,3-cd)pyrene	19	< 19 U
53-70-3	Dibenz(a,h)anthracene	19	< 19 U
191-24-2	Benzo(g,h,i)perylene	19	< 19 U
90-12-0	1-Methylnaphthalene	19	< 19 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	68.0%	2-Fluorobiphenyl	70.4%
d14-p-Terphenyl	63.2%	d4-1,2-Dichlorobenzene	60.4%
d5-Phenol	69.9%	2-Fluorophenol	71.7%
2,4,6-Tribromophenol	94.9%	d4-2-Chlorophenol	67.5%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611a.b/pb06m.d
Lab Smp Id: PB06M Client Smp ID: BW-53-SS-090602
Inj Date : 12-JUN-2009 01:52
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB06M
Misc Info : 09-12554
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611a.b/SW846.m
Meth Date : 15-Jun-2009 11:03 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/15/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	52.70000	Weight of sample extracted (g)
M	51.20000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.151	5.102	(0.721)	183470	26.8768	522.5
$	2 Phenol-d5	99	6.844	6.784	(0.958)	240310	26.2149	509.7
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.860	6.838	(0.960)	141444	25.3212	492.3
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.143	7.131	(1.000)	82800	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.442	7.431	(1.042)	62453	15.1473	294.5
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.094	8.082	(0.880)	148934	16.9943	330.4
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.199	9.193	(1.000)	285356	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.015	11.004	(0.914)	217958	17.5733	341.7
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.046	12.035	(1.000)	166978	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.339	13.322	(1.107)	56707	35.6171	692.5
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.396	14.379	(1.000)	306180	20.0000	
	60 Phenanthrene	178	14.428	14.417	(1.002)	15350	0.78986 LDL	15.36
	61 Anthracene	178	14.503	14.486	(1.007)	11129	0.56486 ↓	10.98
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	63 Di-n-butylphthalate	149	Compound Not Detected.					
	64 Fluoranthene	202	16.351	16.329	(1.136)	66788	3.36618	65.44
	65 Pyrene	202	16.693	16.671	(0.894)	66563	1.83519	35.68
$	66 Terphenyl-d14	244	17.056	17.028	(0.913)	369243	15.7902	307.0
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	18.653	18.625	(0.999)	39030	1.20783	23.48
*	69 Chrysene-d12	240	18.680	18.652	(1.000)	437817	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	18.712	18.690	(1.002)	93130	3.00993	58.52
	72 bis(2-Ethylhexyl)phthalate	149	18.974	18.957	(0.953)	22764	1.14298	22.22
*	134 Di-n-octylphthalate-d4	153	19.908	19.891	(1.000)	642153	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	20.298	20.265	(0.975)	86184	2.78031	54.05 1.372
	75 Benzo(k)fluoranthene	252	20.298	20.303	(0.975)	86184	2.70692	52.63 1.372
	76 Benzo(a)pyrene	252	20.736	20.703	(0.996)	26553	0.94628 LDL	18.40
*	77 Perylene-d12	264	20.816	20.783	(1.000)	427760	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb06m.d
Lab Smp Id: PB06M
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12554

Calibration Date: 11-JUN-2009
Calibration Time: 15:29
Client Smp ID: BW-53-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	82800	-26.33
27 Naphthalene-d8	384492	192246	768984	285356	-25.78
42 Acenaphthene-d10	217478	108739	434956	166978	-23.22
59 Phenanthrene-d10	336594	168297	673188	306180	-9.04
69 Chrysene-d12	247160	123580	494320	437817	77.14
134 Di-n-octylphthala	347036	173518	694072	642153	85.04
77 Perylene-d12	232938	116469	465876	427760	83.64

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.14	0.16
27 Naphthalene-d8	9.19	8.69	9.69	9.20	0.07
42 Acenaphthene-d10	12.03	11.53	12.53	12.05	0.10
59 Phenanthrene-d10	14.38	13.88	14.88	14.40	0.12
69 Chrysene-d12	18.65	18.15	19.15	18.68	0.15
134 Di-n-octylphthala	19.89	19.39	20.39	19.91	0.09
77 Perylene-d12	20.78	20.28	21.28	20.82	0.16

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06M
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12554

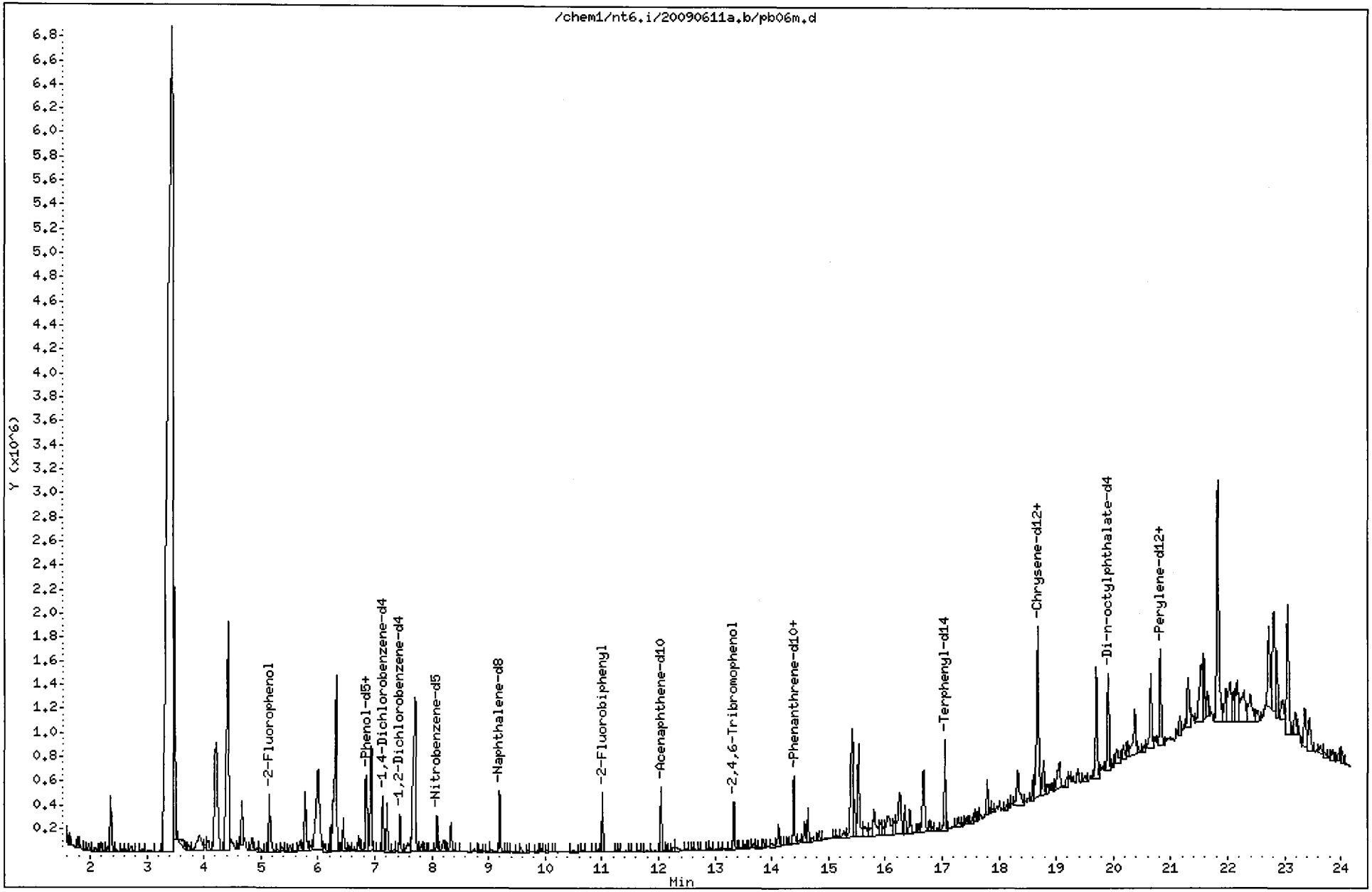
Client SDG: PB06
Fraction: SV
Client Smp ID: BW-53-SS-090602
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	729.1	522.5	71.67	21-100
$ 2 Phenol-d5	729.1	509.7	69.91	10-100
$ 5 2-Chlorophenol-d4	729.1	492.3	67.52	30-100
$ 10 1,2-Dichlorobenzen	486.0	294.5	60.59	24-100
$ 18 Nitrobenzene-d5	486.0	330.4	67.98	26-100
$ 36 2-Fluorobiphenyl	486.0	341.7	70.29	32-100
$ 55 2,4,6-Tribromophen	729.1	692.5	94.98	33-118
$ 66 Terphenyl-d14	486.0	307.0	63.16	21-97

Data File: /chem1/nt6.i/20090611a.b/pb06m.d
Date : 12-JUN-2009 01:52
Client ID: BW-53-SS-090602
Sample Info: PB06M
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem1/nt6.i/20090611a.b/pb06m.d

Date : 12-JUN-2009 01:52

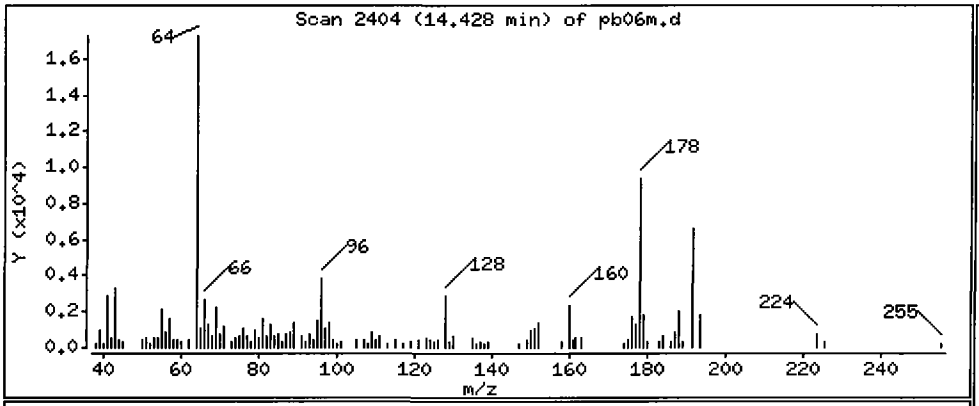
Client ID: BW-53-SS-090602 Instrument: nt6.i

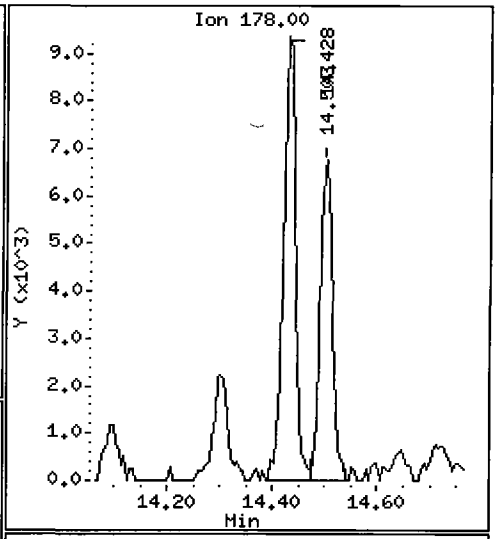
Sample Info: PB06M

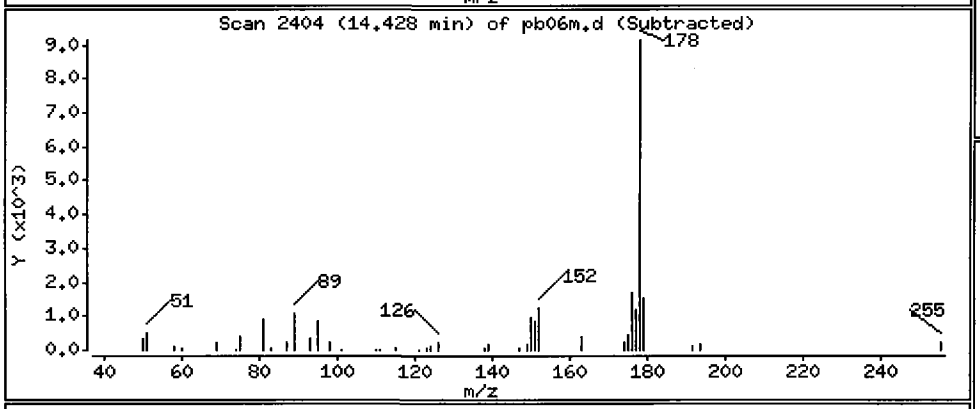
Volume Injected (uL): 1.0 Operator: LJR/VTS

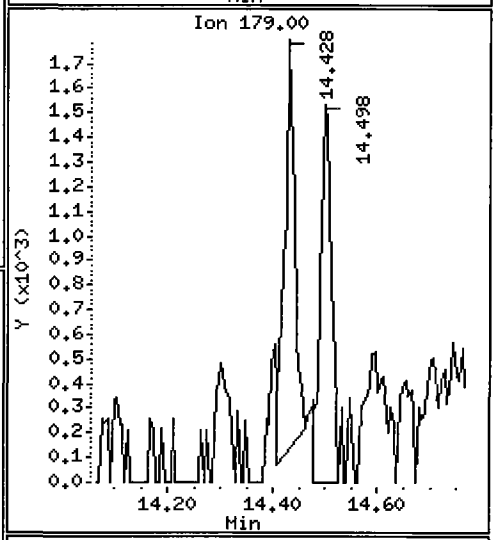
Column phase: ZB-5 Column diameter: 0.32

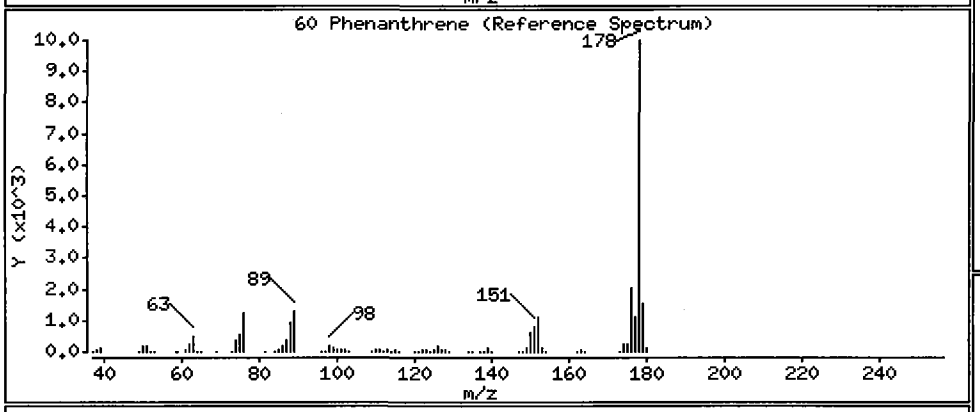
60 Phenanthrene Concentration: 15.36 ug/kg

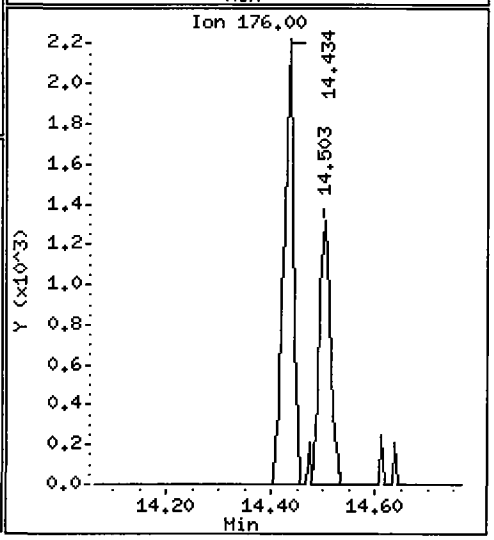


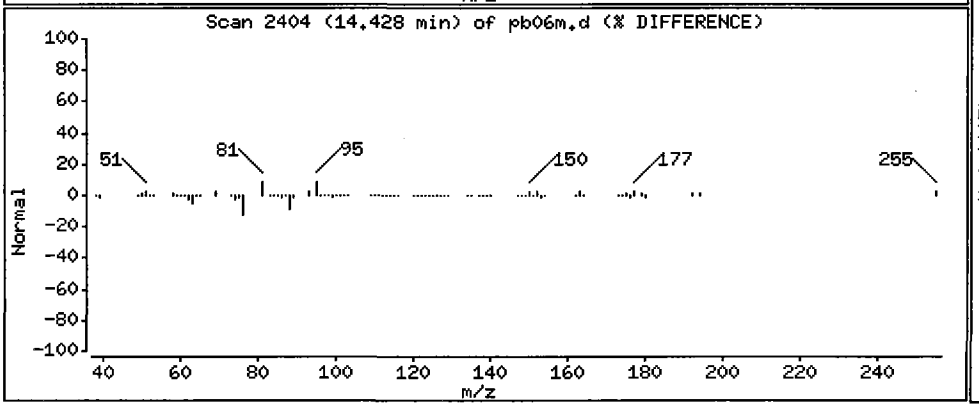












Data File: /chem1/nt6.i/20090611a.b/pb06m.d

Date : 12-JUN-2009 01:52

Client ID: BW-53-SS-090602

Instrument: nt6.i

Sample Info: PB06M

Volume Injected (uL): 1.0

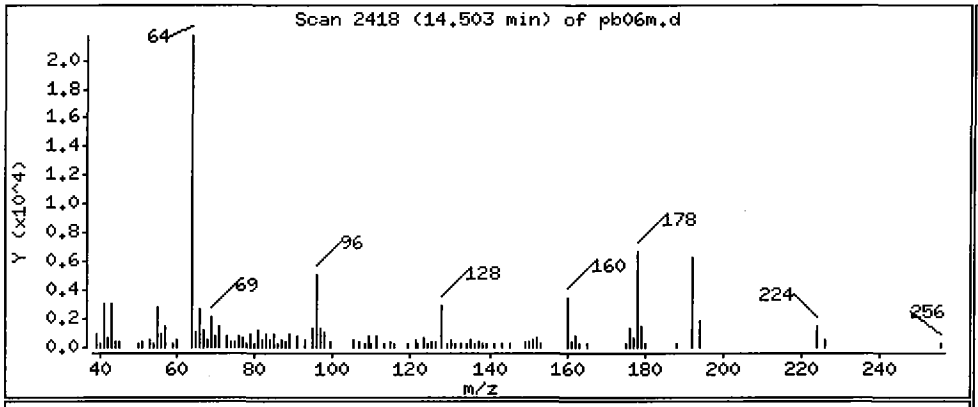
Operator: LJR/VTS

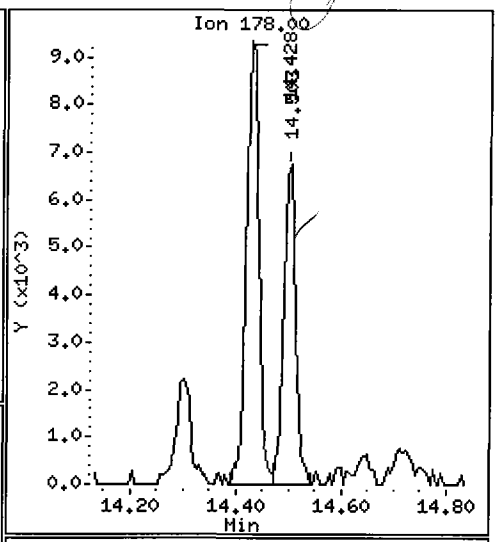
Column phase: ZB-5

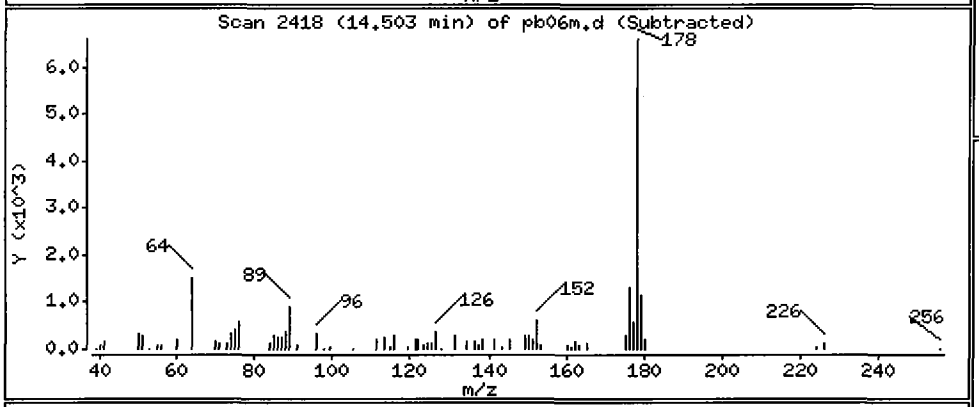
Column diameter: 0.32

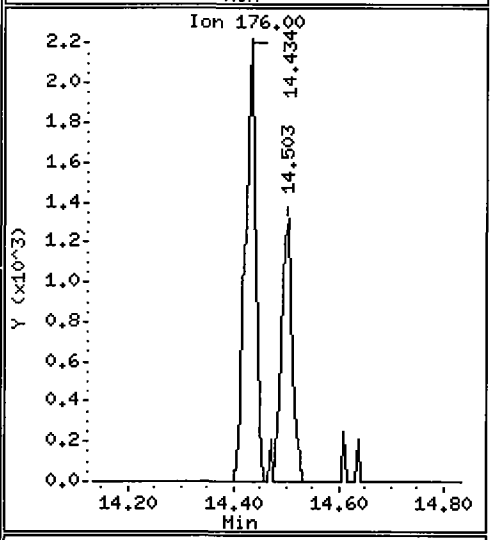
61 Anthracene

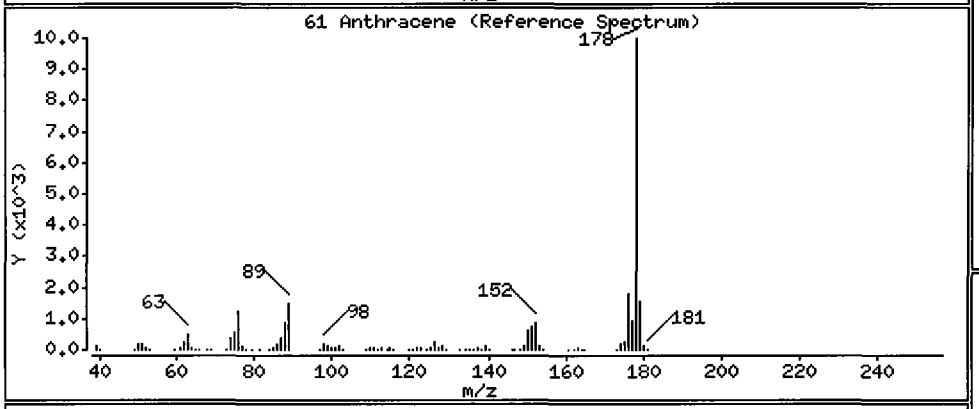
Concentration: 10.98 ug/kg

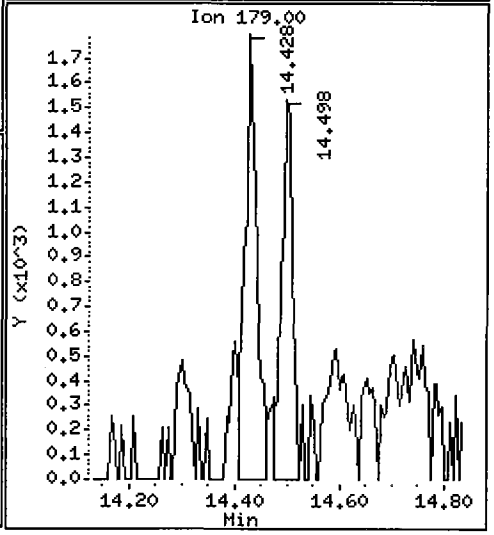


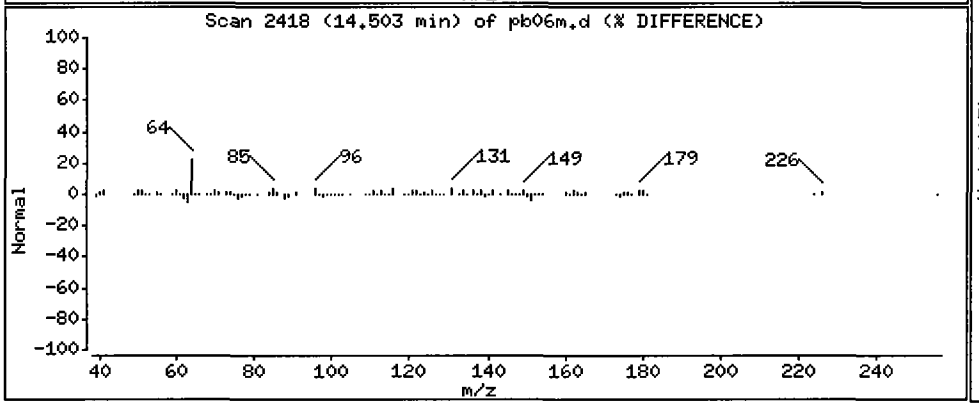












Data File: /chem1/nt6.i/20090611a.b/pb06m.d

Date : 12-JUN-2009 01:52

Client ID: BW-53-SS-090602

Instrument: nt6.i

Sample Info: PB06M

Volume Injected (uL): 1.0

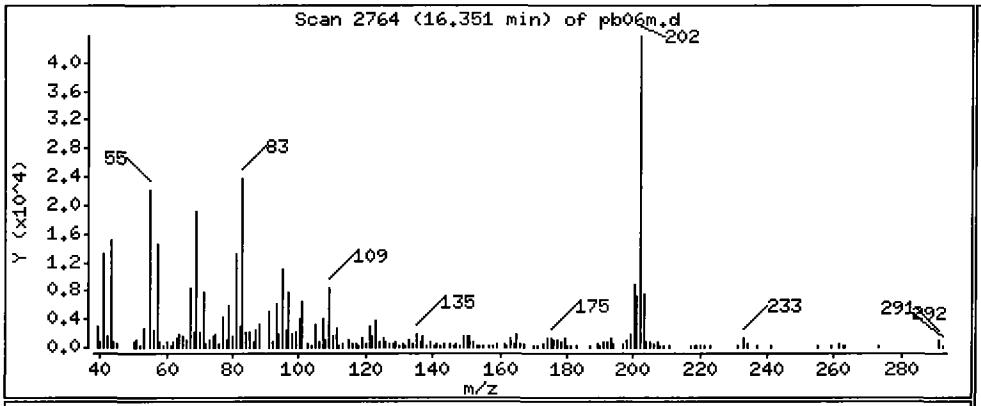
Operator: LJR/VTS

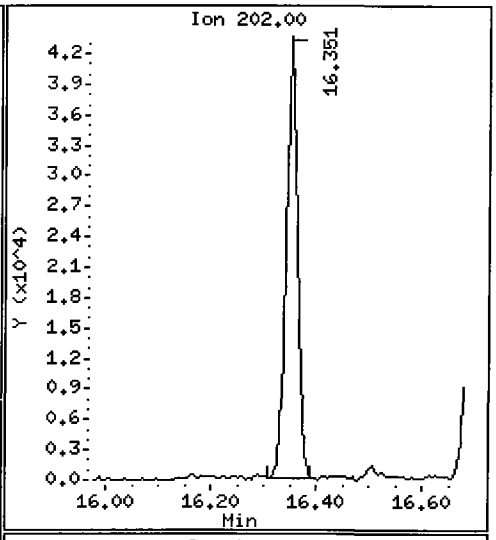
Column phase: ZB-5

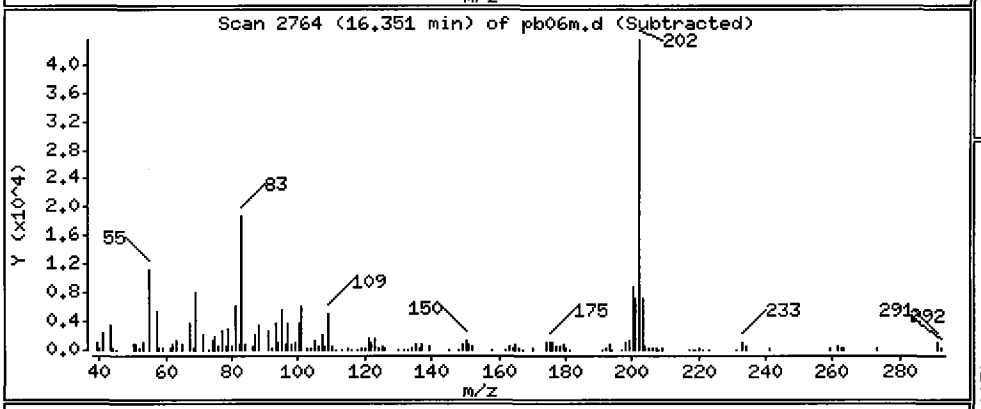
Column diameter: 0.32

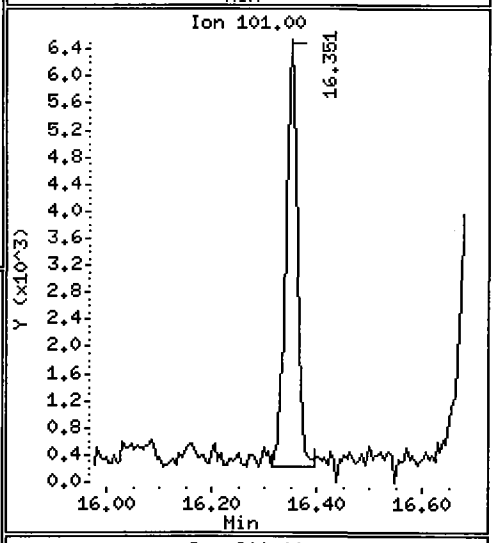
64 Fluoranthene

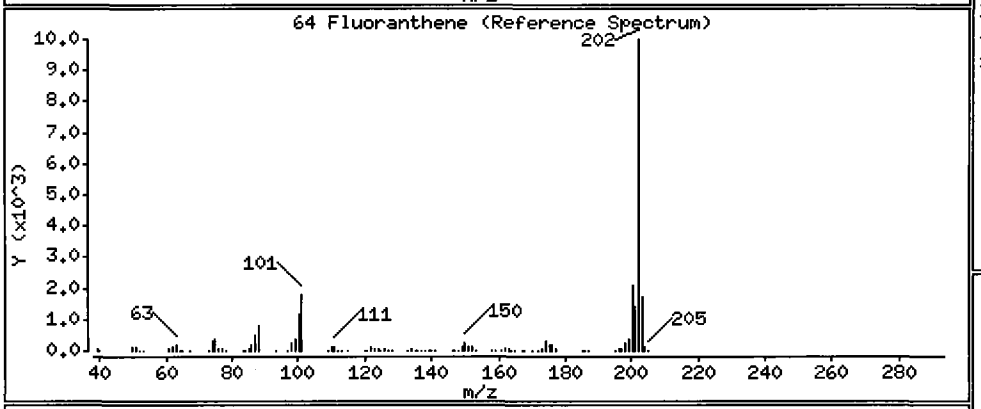
Concentration: 65.44 ug/kg

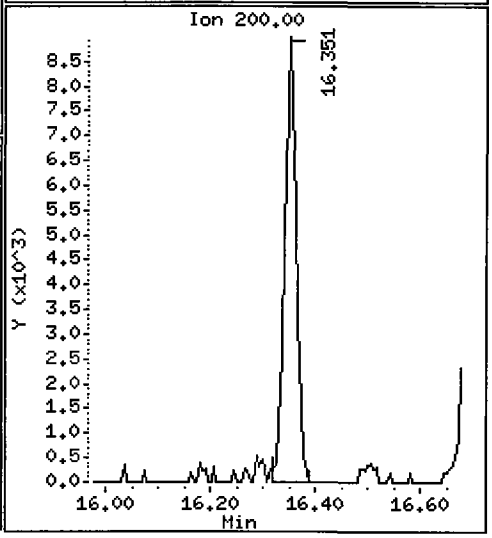


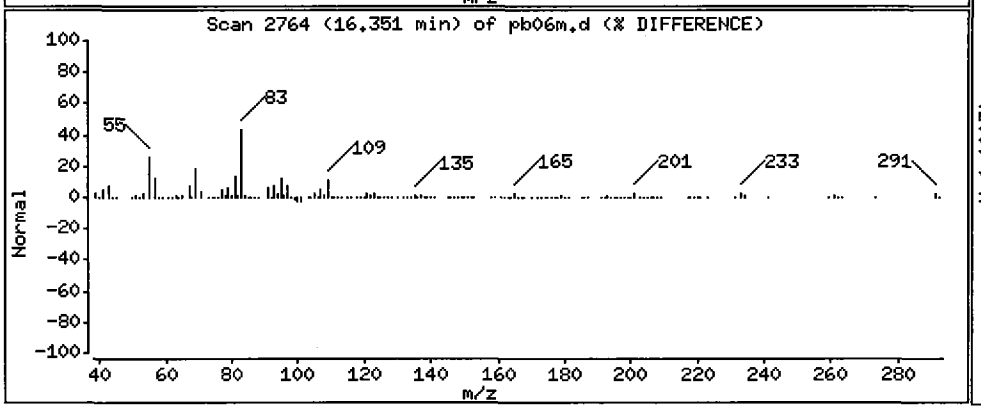












Data File: /chem1/nt6.i/20090611a.b/pb06m.d

Date : 12-JUN-2009 01:52

Client ID: BW-53-SS-090602

Instrument: nt6.i

Sample Info: PB06M

Volume Injected (uL): 1.0

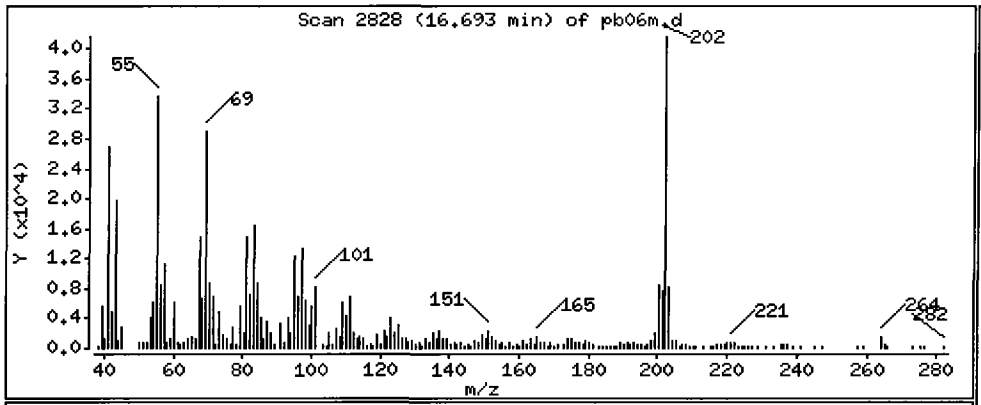
Operator: LJR/VTS

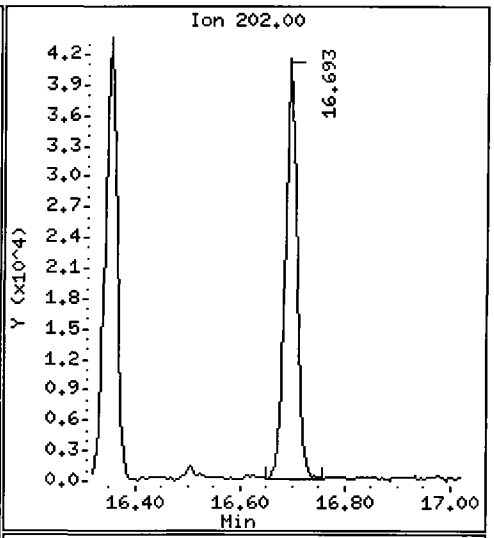
Column phase: ZB-5

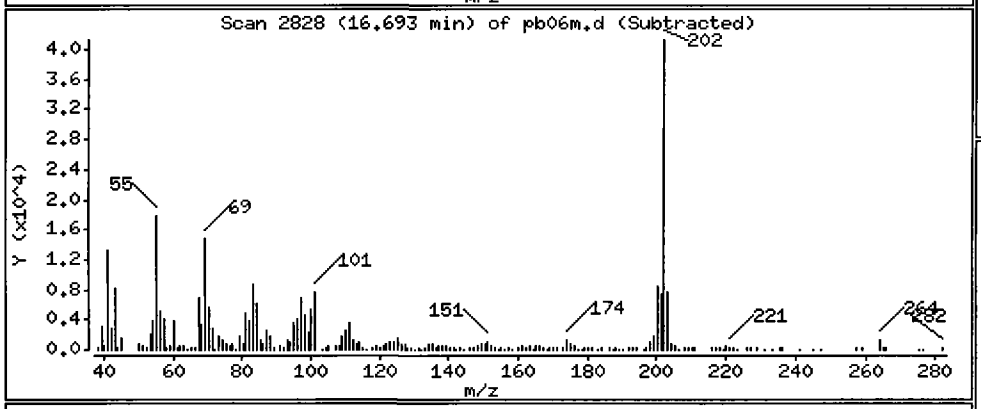
Column diameter: 0.32

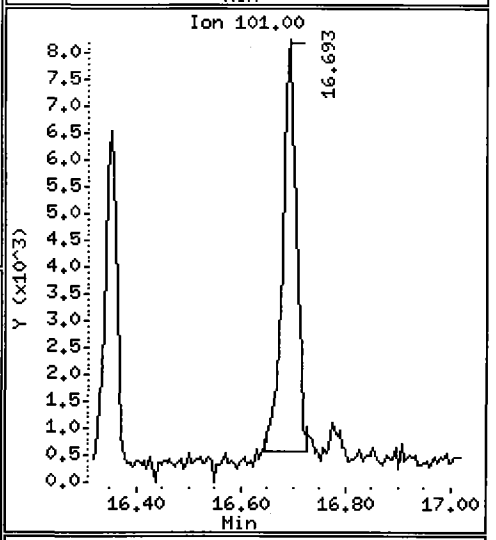
65 Pyrene

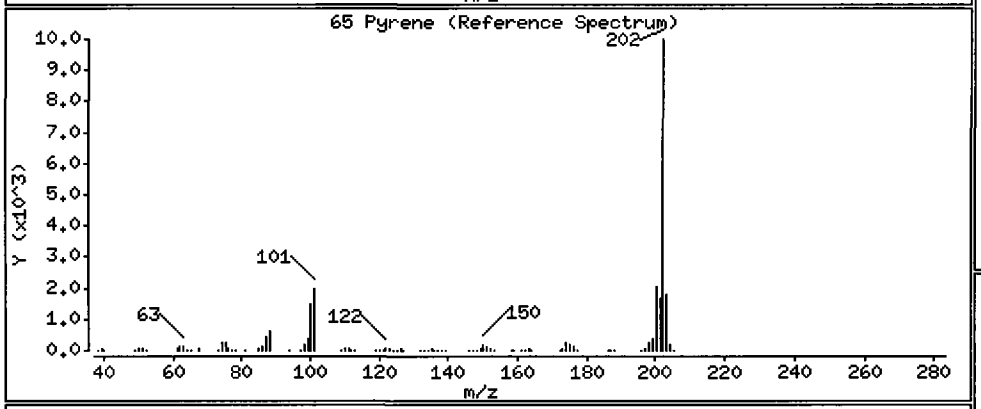
Concentration: 35.68 ug/kg

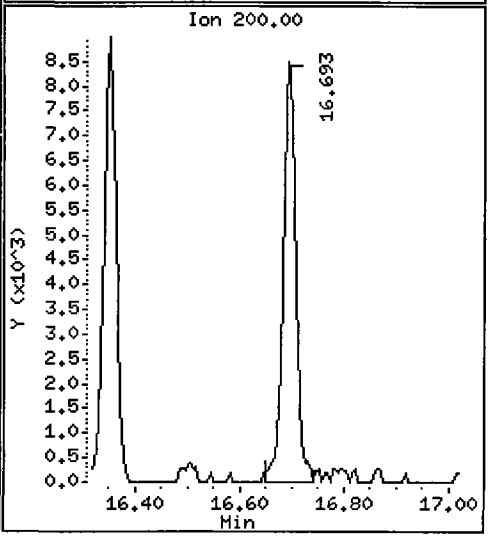


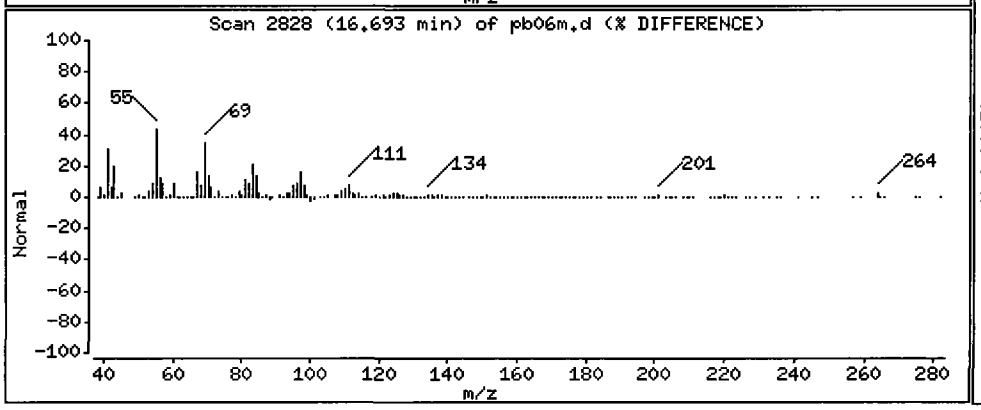












Data File: /chem1/nt6.i/20090611a.b/pb06m.d

Date : 12-JUN-2009 01:52

Client ID: BW-53-SS-090602

Instrument: nt6.i

Sample Info: PB06M

Volume Injected (uL): 1.0

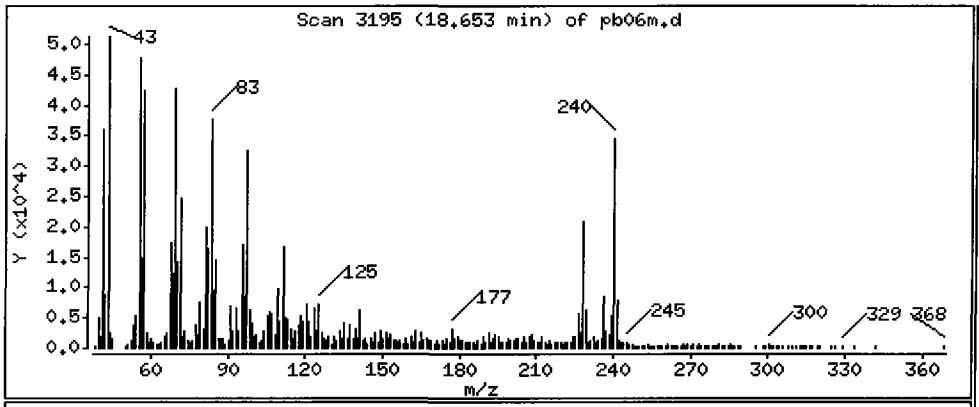
Operator: LJR/VTS

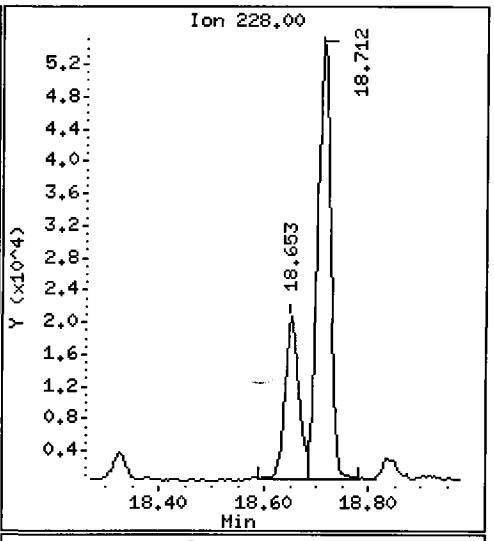
Column phase: ZB-5

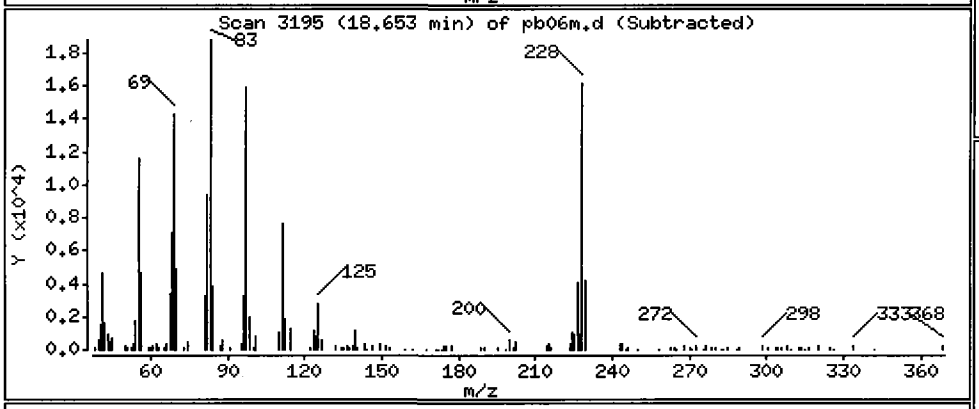
Column diameter: 0.32

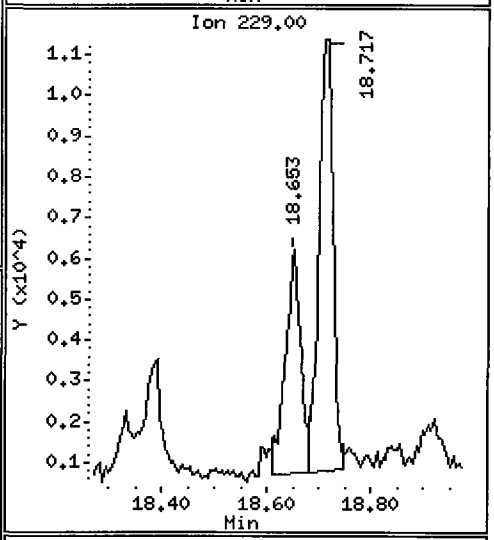
68 Benzo(a)anthracene

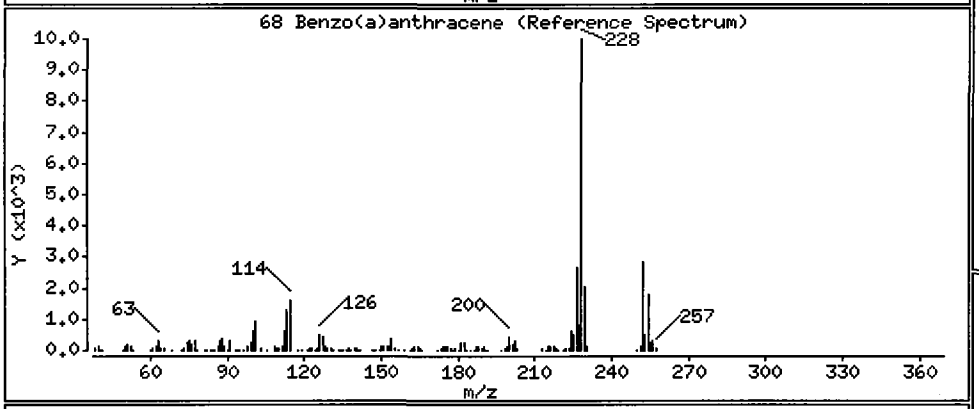
Concentration: 23.48 ug/kg

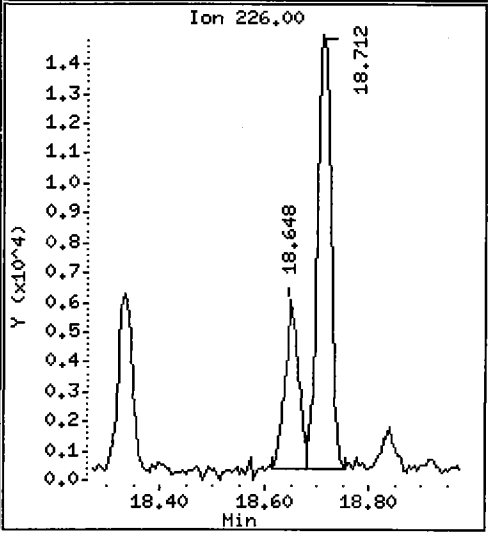


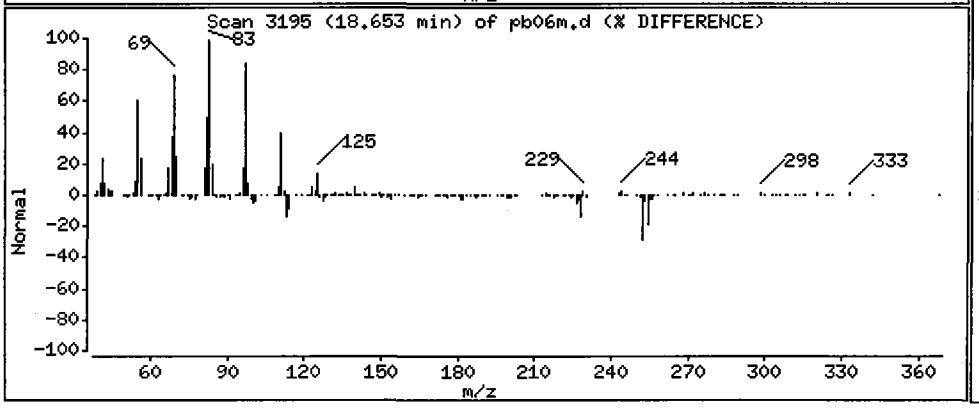












Data File: /chem1/nt6.i/20090611a.b/pb06m.d

Date : 12-JUN-2009 01:52

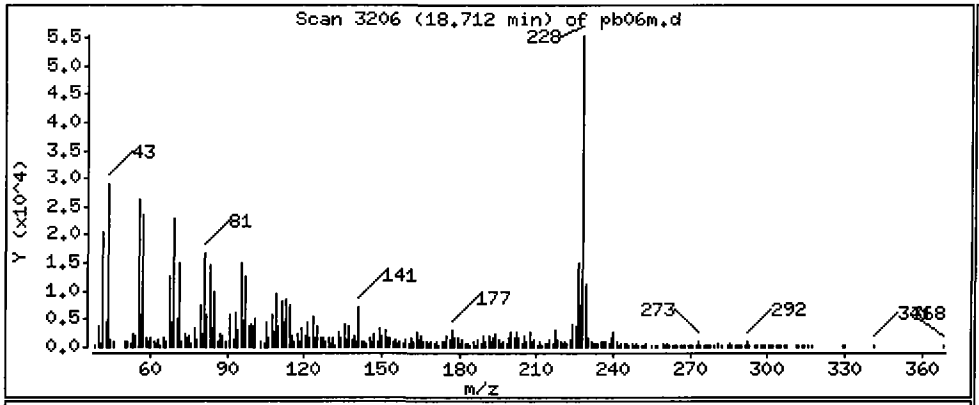
Client ID: BW-53-SS-090602 Instrument: nt6.i

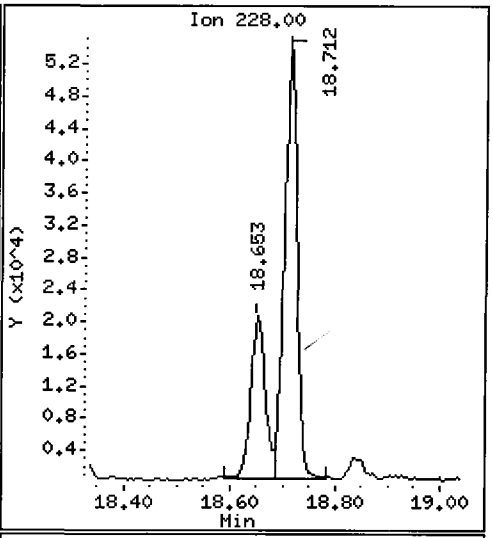
Sample Info: PB06M

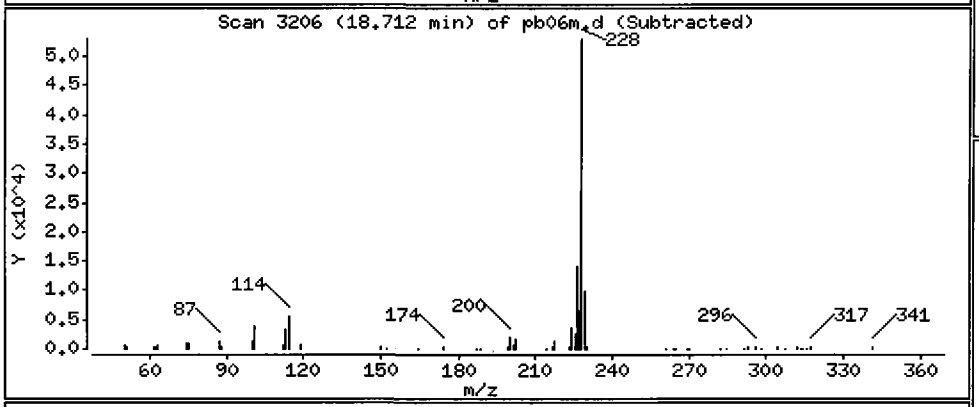
Volume Injected (uL): 1.0 Operator: LJR/VTS

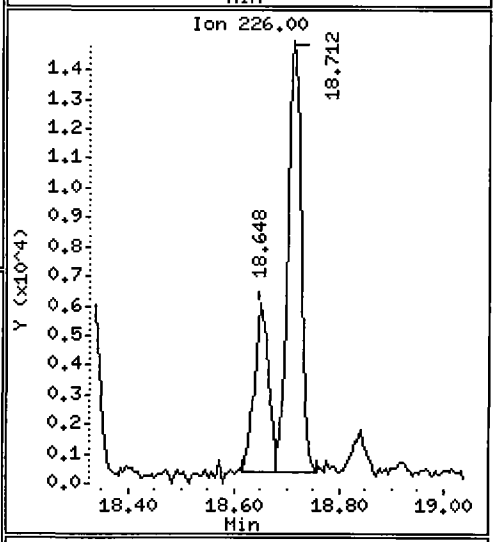
Column phase: ZB-5 Column diameter: 0.32

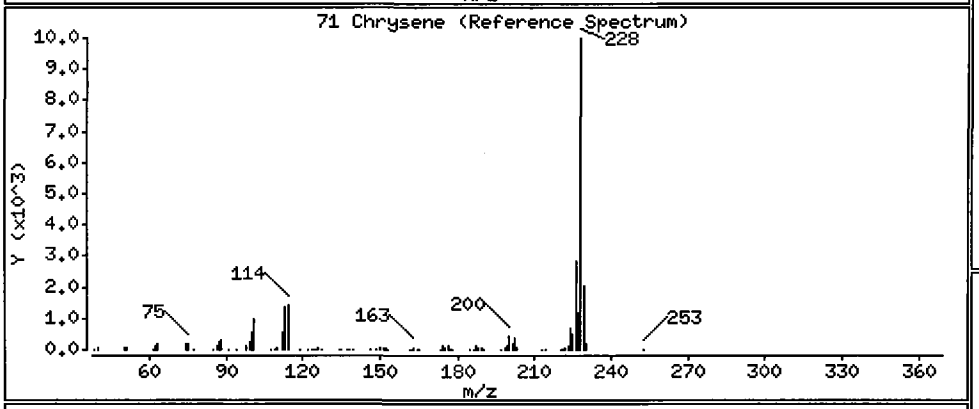
71 Chrysene Concentration: 58.52 ug/kg

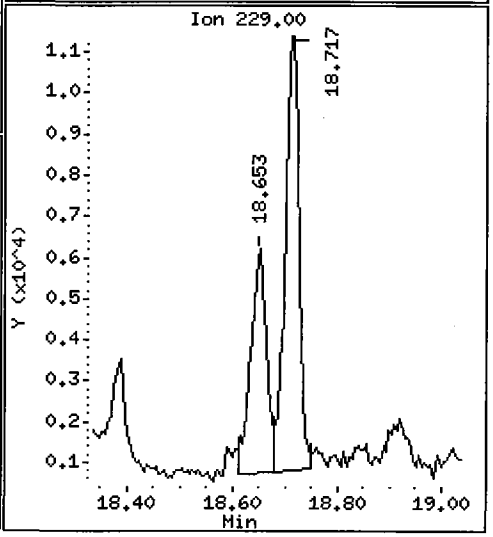


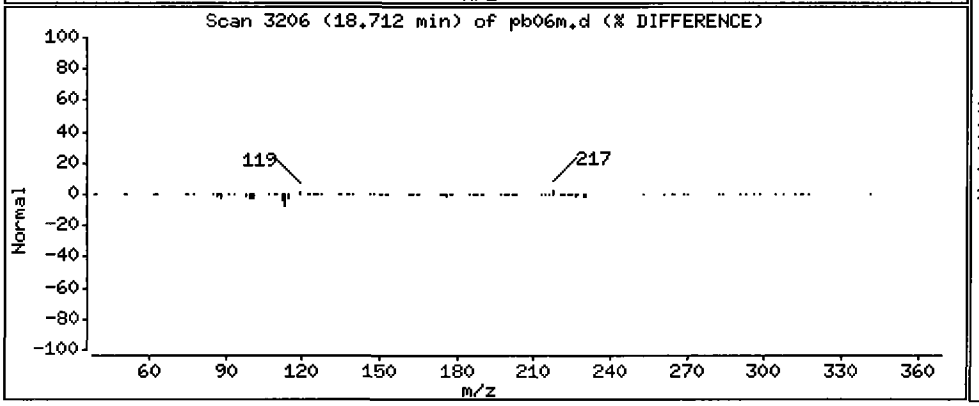












Data File: /chem1/nt6.i/20090611a.b/pb06m.d

Date : 12-JUN-2009 01:52

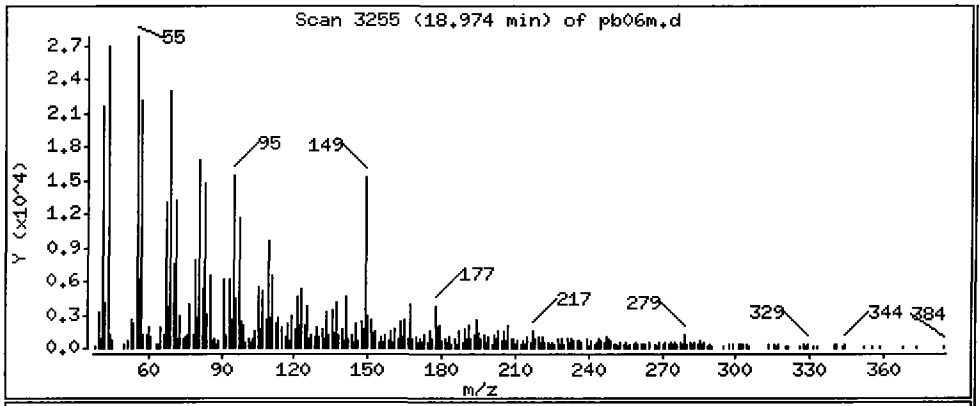
Client ID: BW-53-SS-090602 Instrument: nt6.i

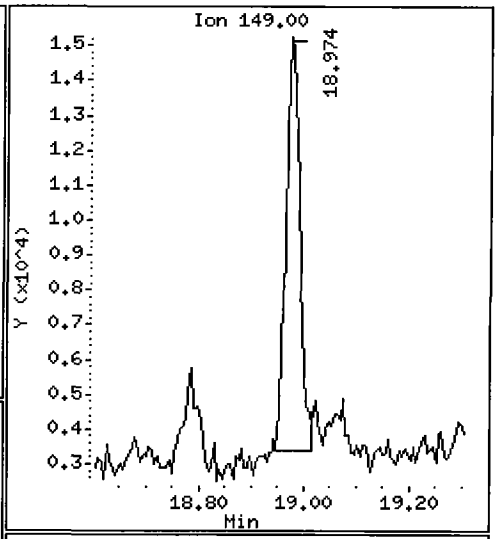
Sample Info: PB06M

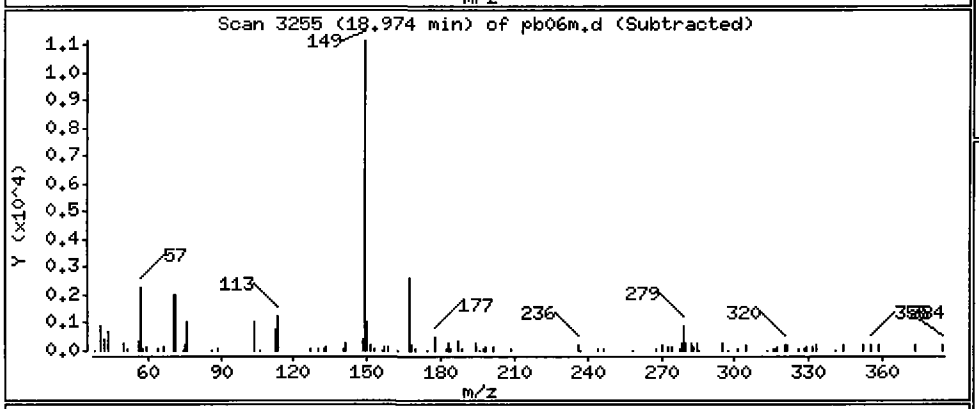
Volume Injected (uL): 1.0 Operator: LJR/VTS

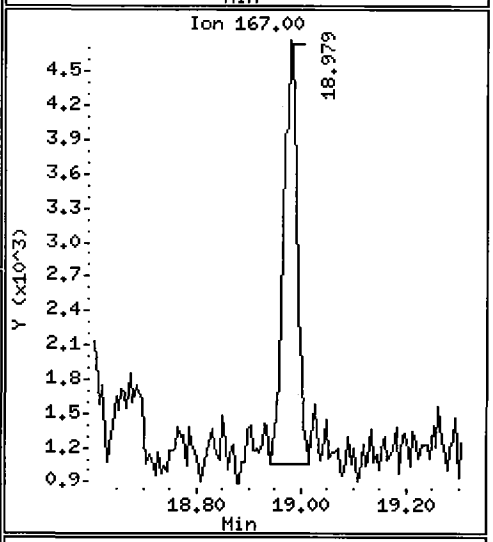
Column phase: ZB-5 Column diameter: 0.32

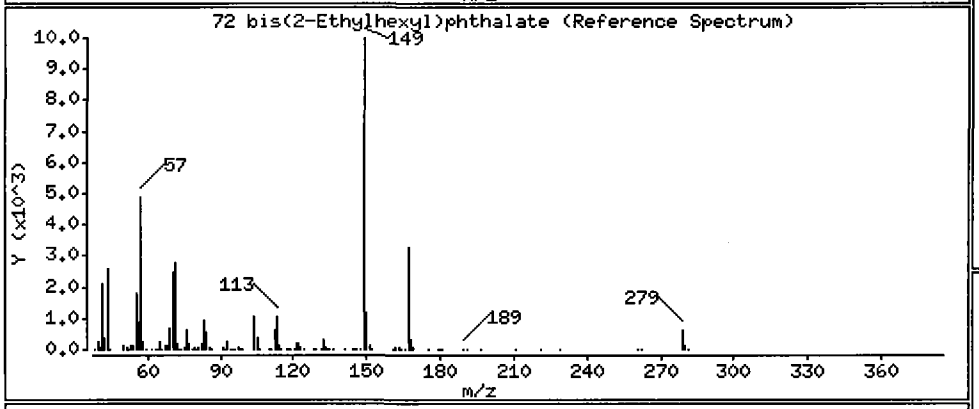
72 bis(2-Ethylhexyl)phthalate Concentration: 22.22 ug/kg

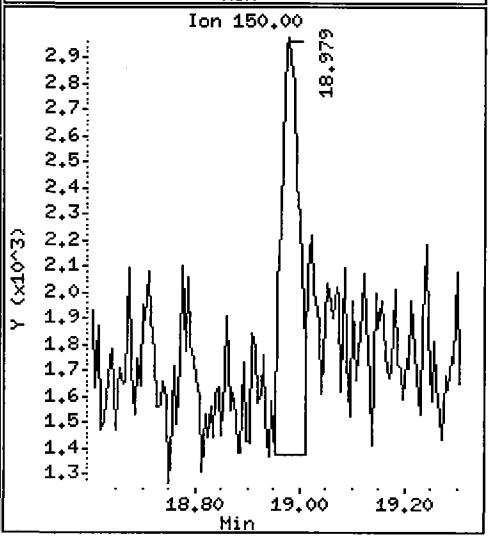


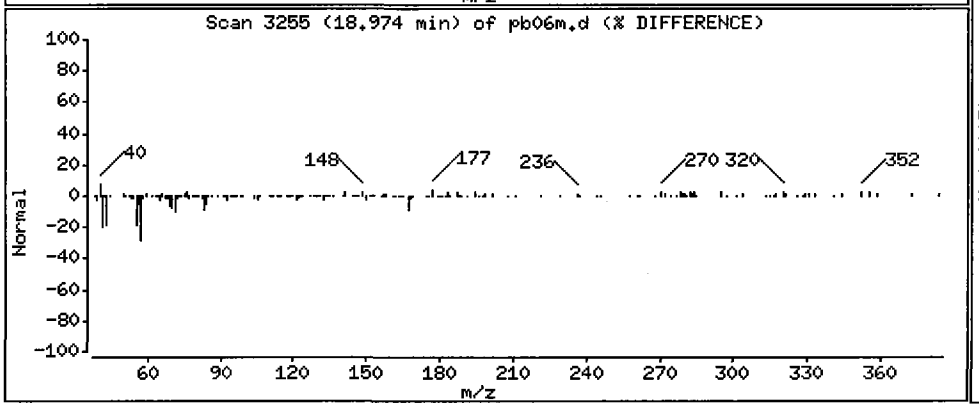












Data File: /chem1/nt6.i/20090611a.b/pb06m.d

Date : 12-JUN-2009 01:52

Client ID: BW-53-SS-090602

Instrument: nt6.i

Sample Info: PB06M

Volume Injected (uL): 1.0

Operator: LJR/VTS

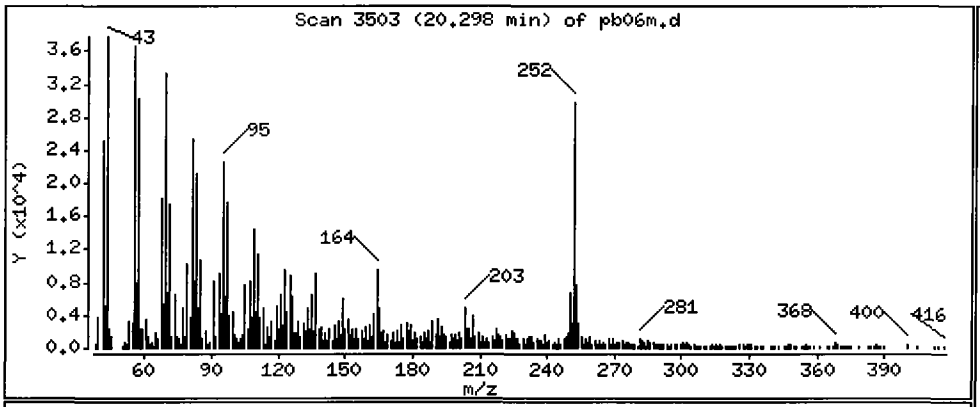
Column phase: ZB-5

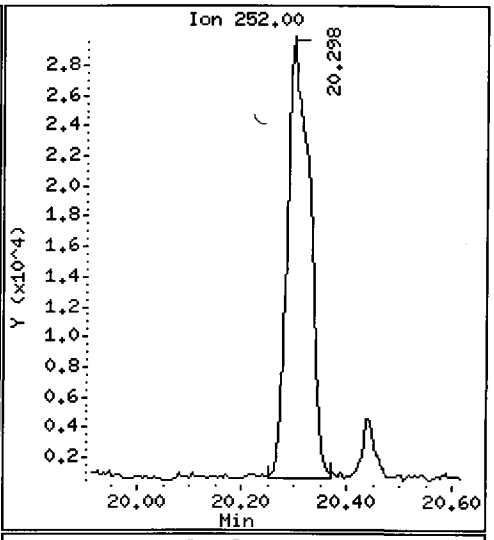
Column diameter: 0.32

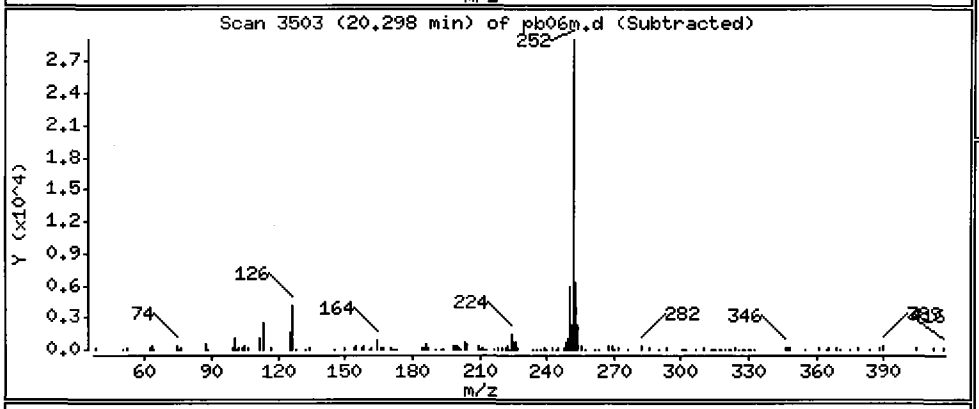
1/2

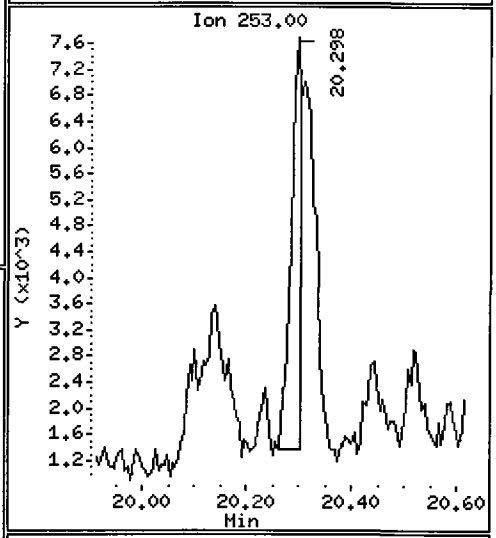
74 Benzo(b)fluoranthene

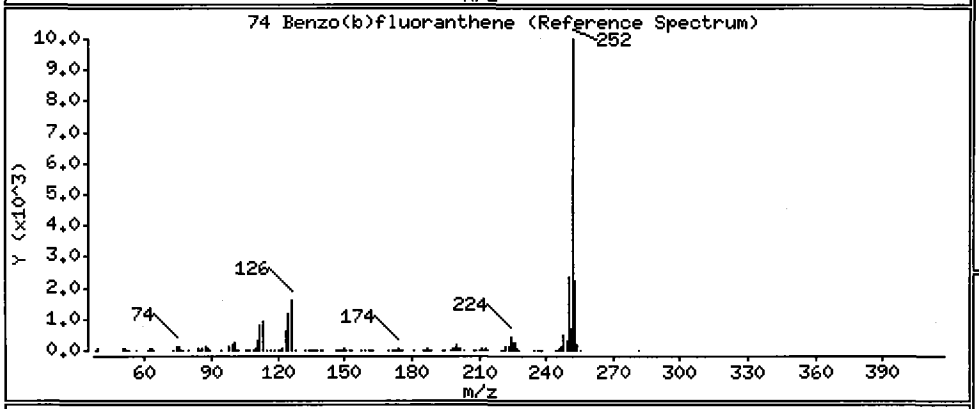
Concentration: 54.05 ug/kg

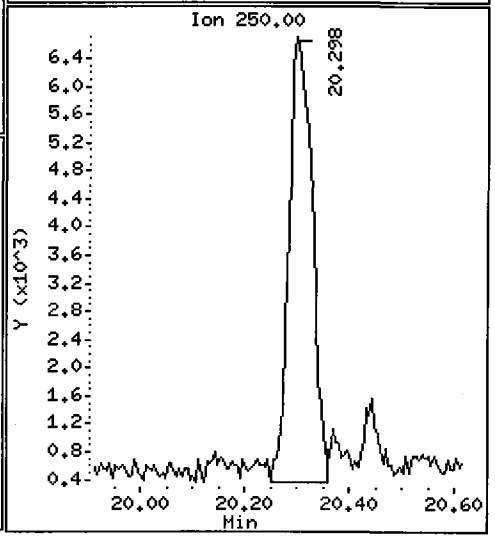


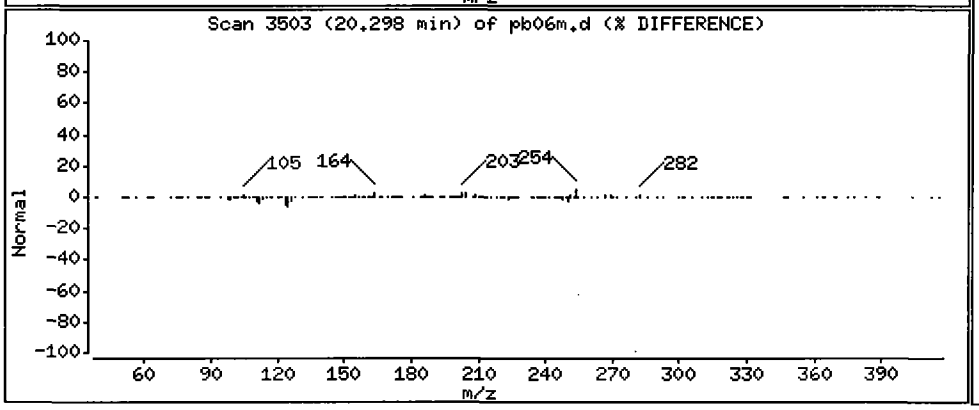












Data File: /chem1/nt6.i/20090611a.b/pb06m.d

Date : 12-JUN-2009 01:52

Client ID: BW-53-SS-090602

Instrument: nt6.i

Sample Info: PB06M

Volume Injected (uL): 1.0

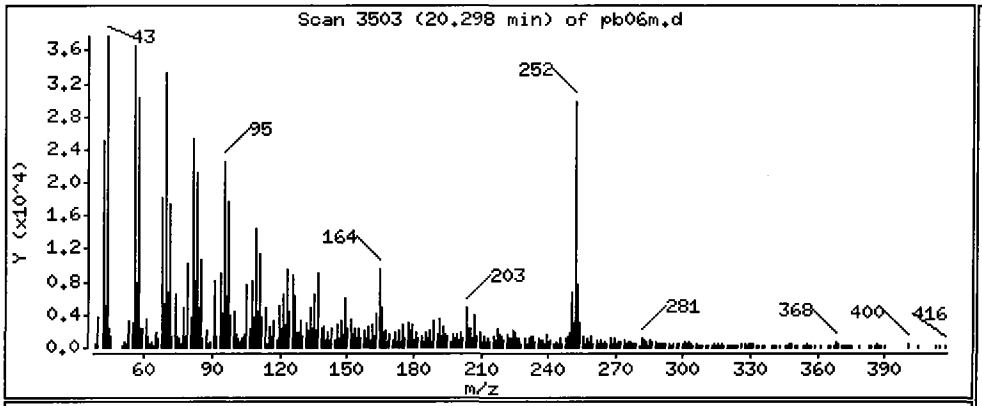
Operator: LJR/VTS

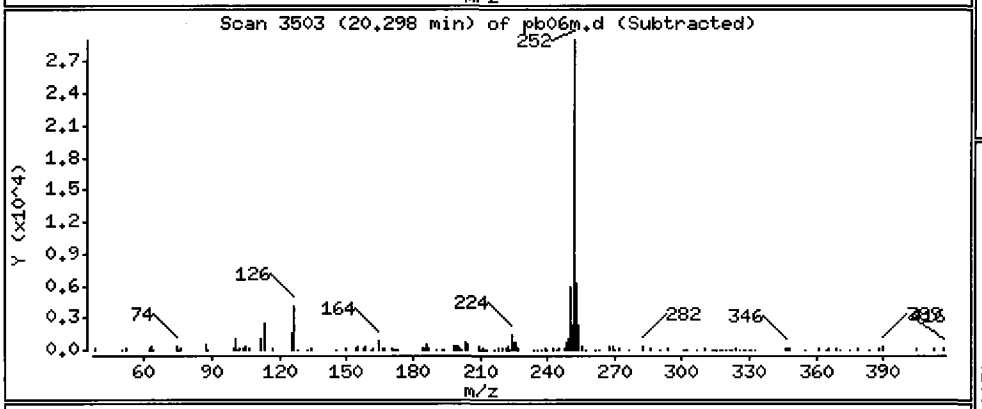
Column phase: ZB-5

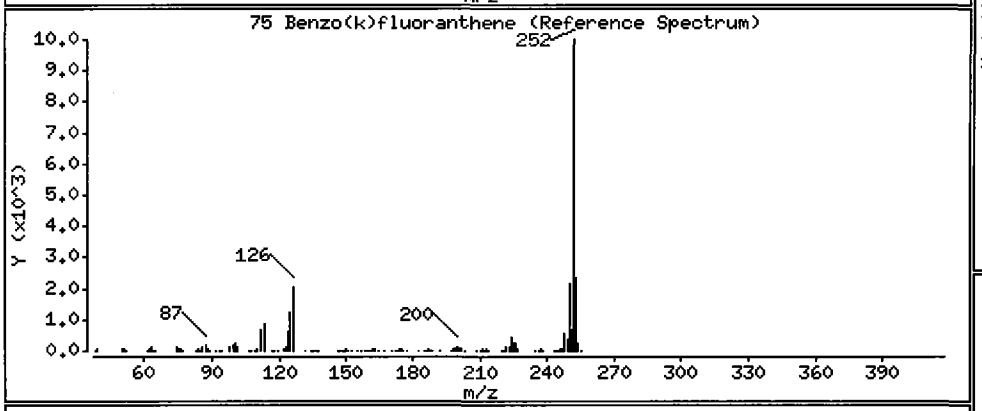
Column diameter: 0.32

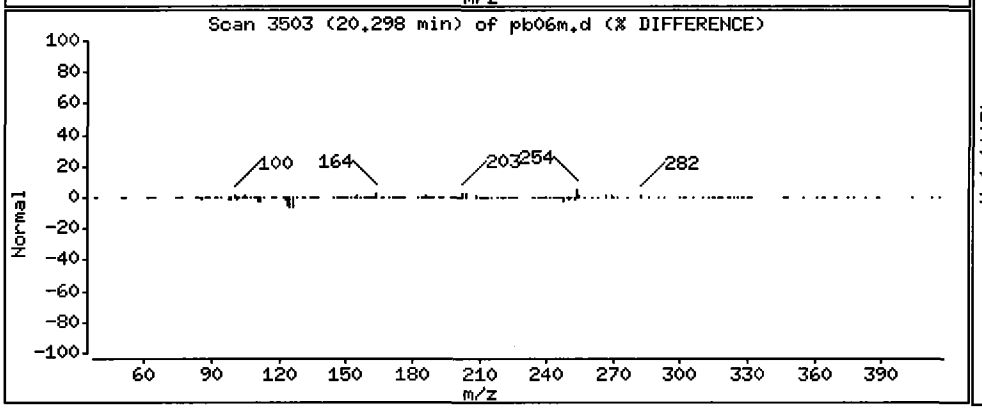
75 Benzo(k)fluoranthene

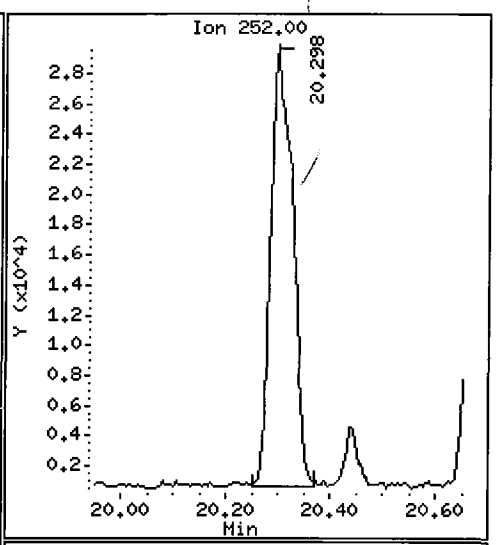
Concentration: 52.63 ug/kg

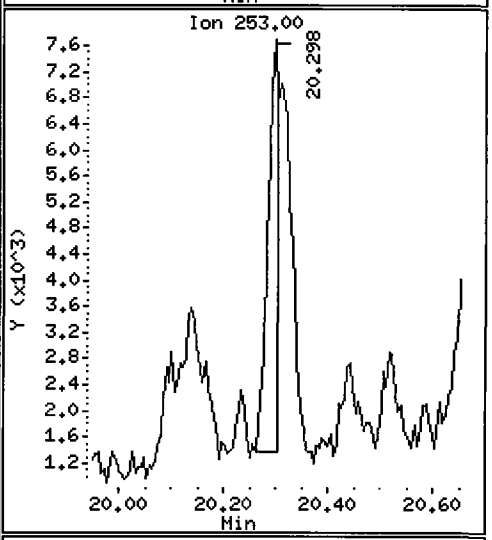


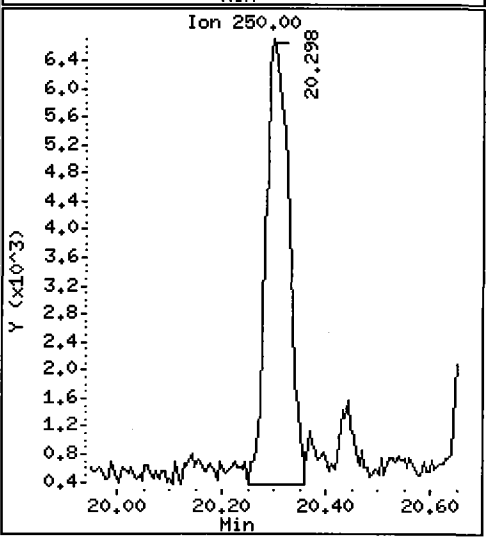












Data File: /chem1/nt6.i/20090611a.b/pb06m.d

Date : 12-JUN-2009 01:52

Client ID: BW-53-SS-090602

Instrument: nt6.i

Sample Info: PB06M

Volume Injected (uL): 1.0

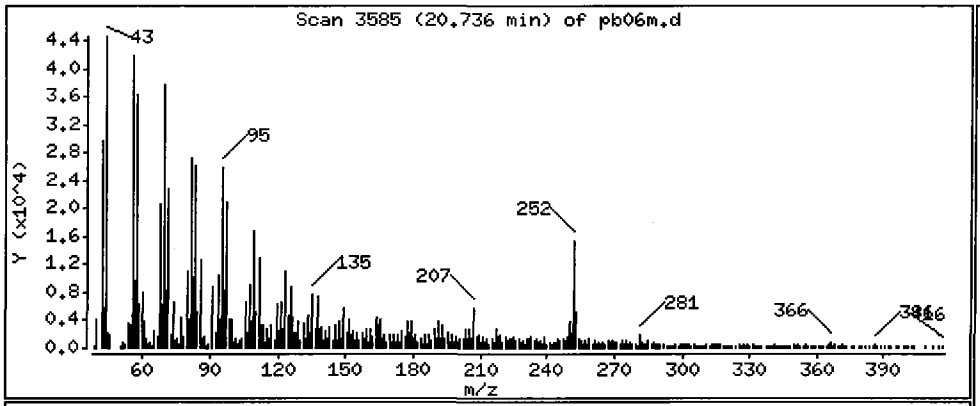
Operator: LJR/VTS

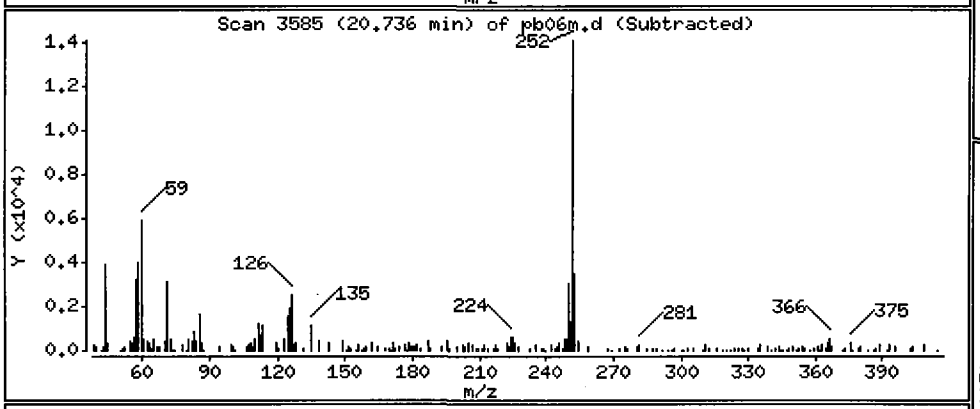
Column phase: ZB-5

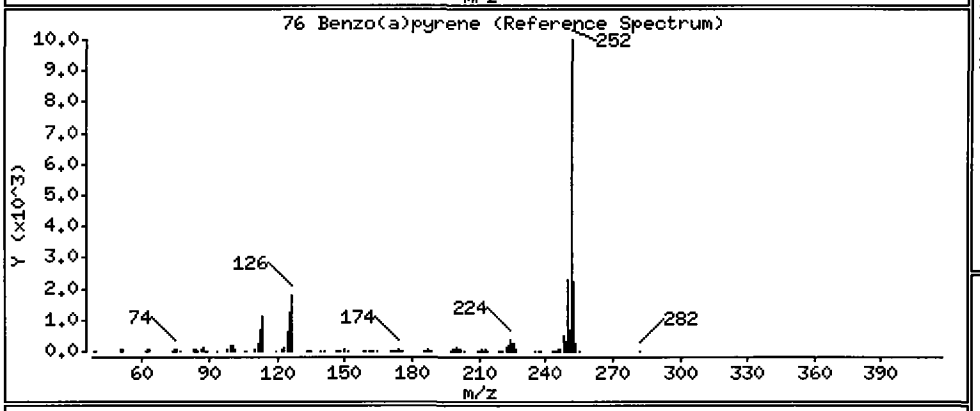
Column diameter: 0.32

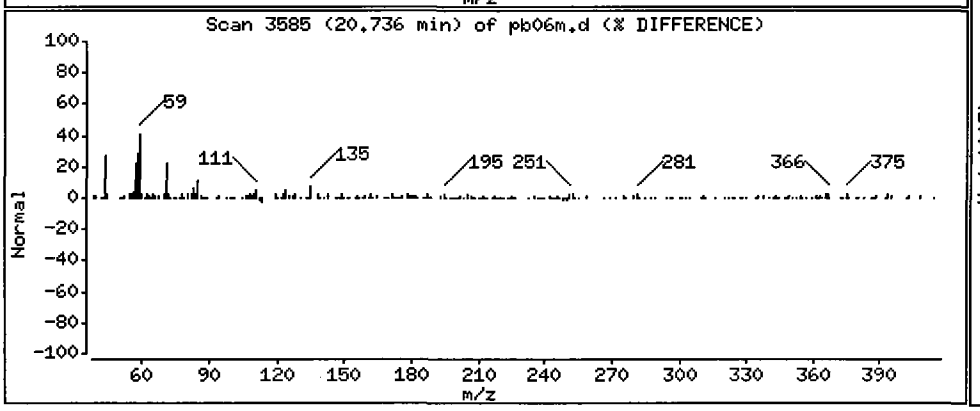
76 Benzo(a)pyrene

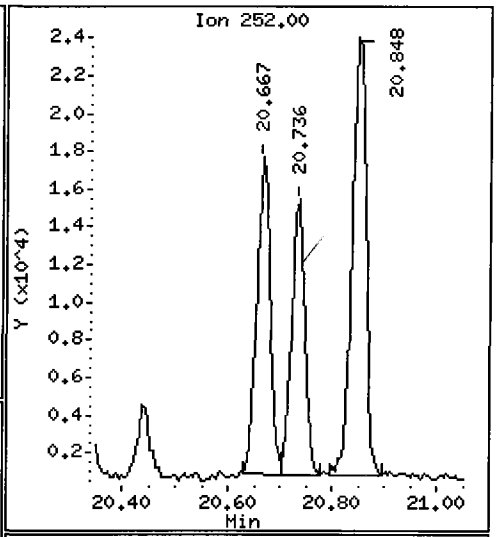
Concentration: 18.40 ug/kg

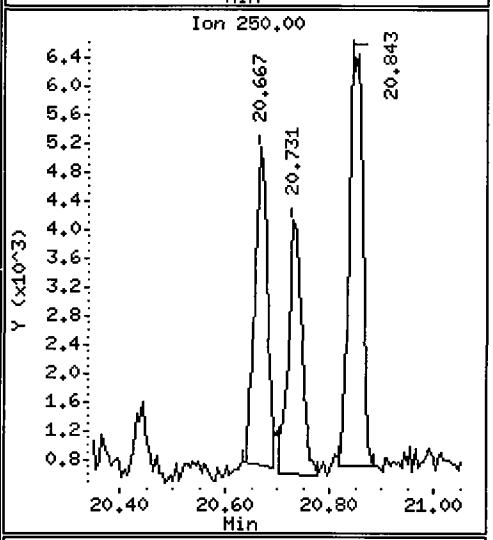


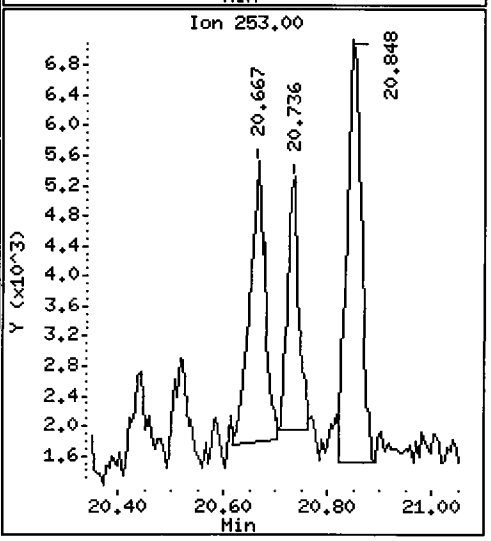












Semivolatile Analysis
Standard Raw Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

6B

SEMIVOLATILE 8270-D INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Instrument ID: NT6 Calibration Date: 06/11/09

LAB FILE ID: RRF1 =0010611A RRF5 =0050611A RRF10 =0100611
RRF25 =0250611 RRF40 =0400611 RRF80 =0800611

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	$\overline{RRF}$	%RSD /R^2
Phenol	2.265	2.610	2.555	2.385	2.312	2.223	2.392	6.6
Bis(2-Chloroethyl)ether	1.850	1.945	1.869	1.793	1.701	1.674	1.805	5.8
2-Chlorophenol	1.446	1.637	1.620	1.488	1.454	1.418	1.510	6.2
1,3-Dichlorobenzene	1.684	1.781	1.701	1.616	1.555	1.530	1.644	5.8
1,4-Dichlorobenzene	1.625	1.767	1.706	1.635	1.582	1.566	1.647	4.6
1,2-Dichlorobenzene	1.655	1.722	1.696	1.565	1.550	1.511	1.616	5.3
Benzyl alcohol	1.012	1.232	1.150	1.159	1.085	1.079	1.120	6.9
2,2'-oxybis(1-Chloropropane)	2.171	2.457	2.310	2.248	2.155	2.076	2.236	6.0
2-Methylphenol	1.418	1.691	1.676	1.586	1.542	1.482	1.566	6.9
Hexachloroethane	0.702	0.823	0.802	0.758	0.759	0.724	0.761	6.0
N-Nitroso-di-n-propylamine	1.480	1.652	1.537	1.490	1.412	1.336	1.484	7.3
4-Methylphenol	1.451	1.758	1.681	1.617	1.571	1.527	1.601	6.9
Nitrobenzene	0.650	0.718	0.684	0.609	0.607	0.558	0.638	9.1
Isophorone	1.069	1.176	1.144	1.035	1.034	0.938	1.066	8.0
2-Nitrophenol		0.235	0.237	0.230	0.232	0.226	0.232	1.8
2,4-Dimethylphenol	0.476	0.533	0.547	0.502	0.516	0.477	0.508	5.7
Bis(2-Chloroethoxy)methane	0.587	0.636	0.613	0.585	0.568	0.536	0.588	6.0
2,4-Dichlorophenol	0.256	0.332	0.351	0.353	0.352	0.342	0.331	11.4
1,2,4-Trichlorobenzene	0.401	0.427	0.410	0.393	0.400	0.381	0.402	3.9
Naphthalene	1.245	1.284	1.256	1.149	1.143	1.056	1.189	7.3
Benzoic acid		0.260	0.304	0.320	0.360	0.344	0.318	12.2
4-Chloroaniline	0.467	0.547	0.528	0.516	0.525	0.492	0.512	5.6
Hexachlorobutadiene	0.229	0.232	0.230	0.223	0.217	0.219	0.225	2.8
4-Chloro-3-methylphenol		0.413	0.419	0.425	0.440	0.399	0.419	3.6
2-Methylnaphthalene	0.651	0.700	0.671	0.641	0.632	0.592	0.648	5.7
Hexachlorocyclopentadiene		0.200	0.253	0.326	0.384	0.385	0.310	0.991
2,4,6-Trichlorophenol		0.422	0.434	0.414	0.442	0.422	0.427	2.6
2,4,5-Trichlorophenol		0.422	0.433	0.431	0.457	0.444	0.437	3.1
2-Chloronaphthalene	1.288	1.439	1.360	1.316	1.298	1.288	1.332	4.5
2-Nitroaniline		0.568	0.552	0.568	0.552	0.529	0.554	2.9
Acenaphthylene	1.909	2.170	2.062	1.994	1.922	1.869	1.988	5.7
Dimethylphthalate	1.391	1.604	1.525	1.410	1.453	1.371	1.459	6.2
2,6-Dinitrotoluene		0.323	0.316	0.313	0.322	0.312	0.317	1.6
Acenaphthene	1.270	1.358	1.326	1.194	1.217	1.161	1.254	6.2
3-Nitroaniline		0.366	0.359	0.354	0.375	0.357	0.362	2.4
2,4-Dinitrophenol		0.045	0.085	0.131	0.172	0.184	0.123	0.996
Dibenzofuran	1.818	1.991	1.861	1.765	1.776	1.665	1.813	6.0

<- Outside QC limits: %RSD <20% or R^2 > 0.990

FORM VI SV-1

SEMIVOLATILE 8270-D INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Instrument ID: NT6 Calibration Date: 06/11/09

LAB FILE ID: RRF1 =0010611A RRF5 =0050611A RRF10 =0100611
RRF25 =0250611 RRF40 =0400611 RRF80 =0800611

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	$\overline{RRF}$	%RSD /R^2
4-Nitrophenol		0.206	0.225	0.232	0.249	0.241	0.231	7.2
2,4-Dinitrotoluene		0.418	0.410	0.402	0.421	0.406	0.411	1.9
Fluorene	1.462	1.602	1.529	1.441	1.478	1.383	1.482	5.1
4-Chlorophenyl-phenylether	0.751	0.787	0.751	0.684	0.724	0.692	0.732	5.4
Diethylphthalate	1.330	1.415	1.382	1.301	1.286	1.254	1.328	4.6
4-Nitroaniline		0.325	0.330	0.304	0.332	0.317	0.322	3.5
4,6-Dinitro-2-methylphenol		0.118	0.142	0.157	0.167	0.169	0.151	14.0
N-Nitrosodiphenylamine (1)	0.612	0.674	0.656	0.620	0.593	0.589	0.624	5.5
4-Bromophenyl-phenylether	0.231	0.272	0.262	0.262	0.246	0.253	0.254	5.8
Hexachlorobenzene	0.256	0.278	0.261	0.261	0.245	0.255	0.259	4.2
Pentachlorophenol		0.095	0.106	0.122	0.130	0.140	0.119	15.3
Phenanthrene	1.295	1.380	1.341	1.256	1.198	1.148	1.270	6.9
Anthracene	1.326	1.383	1.356	1.274	1.220	1.163	1.287	6.6
Carbazole	1.060	1.135	1.112	1.070	0.978	0.992	1.058	6.0
Di-n-butylphthalate	1.190	1.392	1.345	1.319	1.198	1.148	1.265	7.9
Fluoranthene	1.250	1.448	1.384	1.308	1.216	1.169	1.296	8.1
Pyrene	1.612	1.819	1.706	1.767	1.613	1.423	1.657	8.5
Butylbenzylphthalate	0.624	0.718	0.705	0.714	0.658	0.595	0.669	7.8
Benzo(a)anthracene	1.451	1.559	1.541	1.529	1.402	1.375	1.476	5.3
3,3'-Dichlorobenzidine		0.596	0.563	0.509	0.518	0.519	0.541	6.9
Chrysene	1.444	1.482	1.446	1.445	1.319	1.345	1.414	4.6
bis(2-Ethylhexyl)phthalate	0.559	0.691	0.659	0.655	0.614	0.544	0.620	9.5
Di-n-octylphthalate	1.142	1.179	1.134	1.076	1.000	0.936	1.078	8.7
Benzo(b)fluoranthene	1.322	1.410	1.585	1.495	1.546	1.337	1.449	7.6
Benzo(k)fluoranthene	1.541	1.792	1.471	1.406	1.341	1.380	1.488	11.1
Benzo(a)pyrene	1.265	1.386	1.355	1.297	1.320	1.248	1.312	4.0
Indeno(1,2,3-cd)pyrene	1.654	1.794	1.728	1.752	1.749	1.817	1.749	3.3
Dibenzo(a,h)anthracene	1.196	1.391	1.367	1.303	1.341	1.369	1.328	5.3
Benzo(g,h,i)perylene	1.422	1.577	1.555	1.544	1.521	1.552	1.528	3.6
N-Nitrosodimethylamine		1.372	1.327	1.282	1.192	1.163	1.267	7.0
Aniline		3.358	3.140	3.033	2.861	2.774	3.033	7.6
Benzidine		0.862	0.828	0.758	0.709	0.640	0.759	11.8
Pyridine		2.266	2.228	2.208	2.111	2.055	2.174	4.0
1-methylnaphthalene	0.621	0.676	0.645	0.606	0.606	0.566	0.620	6.0
Azobenzene (1,2-DP-Hydrazine	2.044	2.356	2.243	2.111	2.088	1.911	2.126	7.3
2-Fluorophenol		1.783	1.701	1.642	1.589	1.529	1.649	6.0

(1) Cannot be seperated from Diphenylamine

<- Outside QC limits: %RSD <20% or R^2 > 0.990

SEMIVOLATILE 8270-D INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Instrument ID: NT6 Calibration Date: 06/11/09

LAB FILE ID: RRF1 =0010611A RRF5 =0050611A RRF10 =0100611
RRF25 =0250611 RRF40 =0400611 RRF80 =0800611

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	$\overline{RRF}$	%RSD /R^2
Phenol-d5	2.050	2.485	2.242	2.245	2.172	2.090	2.214	7.0
2-Chlorophenol-d4		1.394	1.368	1.337	1.335	1.311	1.349	2.4
1,2-Dichlorobenzene-d4	0.979	1.055	0.989	0.988	0.989	0.976	0.996	3.0
Nitrobenzene-d5		0.683	0.640	0.591	0.601	0.555	0.614	8.0
2-Fluorobiphenyl		1.628	1.520	1.455	1.416	1.408	1.485	6.1
2,4,6-Tribromophenol		0.191	0.180	0.180	0.203	0.199	0.191	5.6
Terphenyl-d14		1.142	1.071	1.100	1.081	0.946	1.068	6.9

<- Outside QC limits: %RSD <20% or R^2 > 0.990

FORM VI SV-3

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/ddt.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff
Curve Type : Average

Calibration File Names:
Level 1: /chem1/nt6.i/20090611.b/0010611a.d
Level 2: /chem1/nt6.i/20090611.b/0050611a.d
Level 3: /chem1/nt6.i/20090611.b/0100611.d
Level 4: /chem1/nt6.i/20090611.b/0250611.d
Level 5: /chem1/nt6.i/20090611.b/0400611.d
Level 6: /chem1/nt6.i/20090611.b/0800611.d

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	RRF	% RSD	
186 Carbaryl	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
179 n-Decane	1.93648	2.02034	1.93691	1.81518	1.73957	1.70040	1.85815	6.783	
180 n-Octadecane	0.63447	0.69900	0.68249	0.65372	0.61449	0.58443	0.64476	6.619	
169 4-tert-Butylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
170 N,N-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
171 2,3-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
172 2,4-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
173 2,5-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
174 2,6-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
175 3,4-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
176 3,5-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
177 p-Benzoquinone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
168 Pentachlorobenzene	0.54637	0.57565	0.53806	0.50207	0.51901	0.50261	0.53063	5.374	
145 4,4'-DDE	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
146 4,4'-DDD	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
147 4,4'-DDT	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
148 Dieldrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
149 TCMX	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
150 DCBP	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
138 Chlorobenzilate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
139 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/ddt.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	___ RRF	% RSD	
140 Diallate A	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
141 Diallate B	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
142 1,2-Dibromo-3-Chloropropane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
135 2,3,5,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
136 2,3,4,5-tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
133 Butylatedhydroxytoluene	1.18630	1.23671	1.19275	1.13261	1.09394	1.07877	1.15351	5.359	
132 3,6-Dimethylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
131 1-Methylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
130 Dibenzothiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
129 1-Methylfluorene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
128 N-Hexadecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
127 2-Isopropylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
126 N-Tetradecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
144 alpha-Terpineol	0.35631	0.38680	0.37345	0.35734	0.35653	0.32786	0.35971	5.510	
125 Safrole	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
124 3,4-Dimethylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
123 Acetophenone	2.14252	2.45076	2.32833	2.15112	2.09332	1.96048	2.18776	7.993	
122 Furfuraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
143 1,4-Dioxane	0.83927	0.89623	0.86543	0.86821	0.78994	0.86418	0.85388	4.235	
121 Quinoline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
120 2,3,4,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
178 2-Benzyl-4-Chlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
119 7,12-Dimethylbenz(a)anthracen	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
118 Triphenyl Phosphate	0.22409	0.23922	0.23167	0.22604	0.22042	0.20321	0.22411	5.427	
117 Butyl Diphenyl Phosphate	0.29348	0.39306	0.36139	0.38486	0.35012	0.31416	0.34951	11.210	
116 Dibutyl Phenyl Phosphate	0.55840	0.66353	0.64744	0.64715	0.60990	0.60415	0.62176	6.235	
115 Tributyl Phosphate	1.15650	1.31263	1.26356	1.23512	1.12969	1.07756	1.19585	7.450	
114 Beta-Pinene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
113 Diphenyl Oxide	+++++	0.95514	0.91628	0.89265	0.88559	0.87004	0.90394	3.664	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/ddt.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	RRF	% RSD	
112 Biphenyl	+++++	1.98994	1.85741	1.77575	1.71055	1.64707	1.79614	7.432	
111 Azobenzene (1,2-DP-Hydrazine)	2.04425	2.35569	2.24262	2.11099	2.08831	1.91067	2.12542	7.321	
110 Tetrachloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
109 3,4,5-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
181 3,4,6-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
108 4,5,6-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
184 3,4-Dichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
107 4,5-Dichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
182 4,6-Dichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
185 4-Chloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
106 Guaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
105 1-methylnaphthalene	0.62132	0.67609	0.64493	0.60641	0.60656	0.56618	0.62025	6.046	
151 1,2,4,5-Tetrachlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
152 Benzo(e)pyrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
153 Chlorpyrifos	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
154 Diazinon	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
155 Kelthane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
156 Methyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
157 Ethyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
158 Ethion	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
159 4-Nonylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
160 Tetraethyl Tin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
161 1,2,3-Trichloronaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
162 1,2,3,4-Tetrachloronapthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
163 1,2,3,5,8-Pentachloronaphthal	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
164 1,2,3,4,6,7-Hexachloronaphtha	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
165 1,2,3,4,5,6,7-Heptachloronaph	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
166 Octachloronaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
167 2,2',4,4',5-Pentabromobipheny	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/ddt.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	___ RRF	% RSD	
3 Phenol	2.26483	2.60958	2.55462	2.38487	2.31164	2.22337	2.39148	6.609	
4 Bis(2-Chloroethyl)ether	1.84957	1.94500	1.86939	1.79277	1.70067	1.67383	1.80520	5.755	
6 2-Chlorophenol	1.44644	1.63675	1.61950	1.48831	1.45451	1.41784	1.51056	6.220	
7 1,3-Dichlorobenzene	1.68410	1.78101	1.70131	1.61602	1.55526	1.52968	1.64456	5.793	
9 1,4-Dichlorobenzene	1.62523	1.76681	1.70564	1.63526	1.58167	1.56649	1.64685	4.637	
11 Benzyl alcohol	1.01209	1.23222	1.15015	1.15926	1.08469	1.07883	1.11954	6.876	
12 1,2-Dichlorobenzene	1.65546	1.72184	1.69655	1.56504	1.55043	1.51115	1.61674	5.330	
13 2-Methylphenol	1.41840	1.69131	1.67647	1.58617	1.54235	1.48224	1.56616	6.857	
14 2,2'-oxybis(1-Chloropropane)	2.17076	2.45748	2.30988	2.24813	2.15546	2.07602	2.23629	6.032	
15 4-Methylphenol	1.45062	1.75836	1.68103	1.61725	1.57111	1.52673	1.60085	6.869	
16 N-Nitroso-di-n-propylamine	1.48025	1.65184	1.53743	1.48985	1.41242	1.33583	1.48460	7.264	
17 Hexachloroethane	0.70184	0.82303	0.80199	0.75822	0.75895	0.72355	0.76126	6.003	
19 Nitrobenzene	0.64981	0.71770	0.68458	0.60876	0.60664	0.55810	0.63760	9.113	
20 Isophorone	1.06924	1.17638	1.14440	1.03527	1.03418	0.93847	1.06632	8.019	
21 2-Nitrophenol	+++++	0.23498	0.23701	0.23055	0.23247	0.22631	0.23226	1.779	
22 2,4-Dimethylphenol	0.47587	0.53302	0.54665	0.50189	0.51574	0.47708	0.50838	5.704	
23 Bis(2-Chloroethoxy)methane	0.58669	0.63648	0.61290	0.58538	0.56761	0.53555	0.58743	5.967	
24 Benzoic acid	+++++	0.25997	0.30430	0.31969	0.35997	0.34452	0.31769	12.213	
25 2,4-Dichlorophenol	0.25579	0.33238	0.35107	0.35290	0.35246	0.34166	0.33104	11.395	
26 1,2,4-Trichlorobenzene	0.40100	0.42746	0.40992	0.39333	0.39974	0.38072	0.40203	3.925	
28 Naphthalene	1.24487	1.28380	1.25651	1.14947	1.14268	1.05634	1.18895	7.330	
29 4-Chloroaniline	0.46713	0.54734	0.52805	0.51584	0.52530	0.49179	0.51258	5.598	
30 Hexachlorobutadiene	0.22875	0.23256	0.22963	0.22264	0.21704	0.21876	0.22490	2.816	
31 4-Chloro-3-methylphenol	+++++	0.41285	0.41938	0.42486	0.43982	0.39900	0.41918	3.589	
32 2-Methylnaphthalene	0.65101	0.69969	0.67113	0.64070	0.63188	0.59161	0.64767	5.655	
33 Hexachlorocyclopentadiene	+++++	0.19986	0.25273	0.32639	0.38404	0.38462	0.30953	26.409	<- LIN
34 2,4,6-Trichlorophenol	+++++	0.42178	0.43380	0.41368	0.44214	0.42245	0.42677	2.622	
35 2,4,5-Trichlorophenol	+++++	0.42156	0.43297	0.43144	0.45712	0.44409	0.43744	3.108	
37 2-Chloronaphthalene	1.28762	1.43880	1.36016	1.31568	1.29752	1.28805	1.33131	4.451	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
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Origin : Disabled
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Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/ddt.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	RRF	% RSD	
38 2-Nitroaniline	+++++	0.56808	0.55175	0.56754	0.55214	0.52918	0.55374	2.864	
39 Dimethylphthalate	1.39064	1.60458	1.52486	1.41036	1.45278	1.37122	1.45908	6.154	
40 Acenaphthylene	1.90932	2.17006	2.06162	1.99433	1.92194	1.86946	1.98779	5.656	
41 2,6-Dinitrotoluene	+++++	0.32289	0.31592	0.31310	0.32232	0.31182	0.31721	1.623	
43 3-Nitroaniline	+++++	0.36626	0.35864	0.35410	0.37529	0.35663	0.36218	2.380	
44 Acenaphthene	1.26984	1.35859	1.32633	1.19443	1.21715	1.16080	1.25453	6.176	
45 2,4-Dinitrophenol	+++++	0.04491	0.08512	0.13090	0.17206	0.18431	0.12346	47.504	<-LIN
46 Dibenzofuran	1.81825	1.99098	1.86085	1.76523	1.77574	1.66478	1.81264	6.025	
47 4-Nitrophenol	+++++	0.20621	0.22542	0.23230	0.24937	0.24148	0.23096	7.162	
48 2,4-Dinitrotoluene	+++++	0.41792	0.41048	0.40223	0.42063	0.40554	0.41136	1.911	
49 Fluorene	1.46233	1.60215	1.52899	1.44138	1.47773	1.38348	1.48268	5.083	
50 Diethylphthalate	1.32990	1.41548	1.38188	1.30116	1.28600	1.25406	1.32808	4.581	
51 4-Chlorophenyl-phenylether	0.75128	0.78709	0.75148	0.68457	0.72442	0.69185	0.73178	5.365	
52 4-Nitroaniline	+++++	0.32465	0.33053	0.30456	0.33245	0.31702	0.32184	3.535	
53 4,6-Dinitro-2-methylphenol	+++++	0.11824	0.14204	0.15668	0.16741	0.16869	0.15061	13.958	
54 N-Nitrosodiphenylamine	0.61207	0.67395	0.65596	0.62004	0.59327	0.58866	0.62399	5.490	
56 4-Bromophenyl-phenylether	0.23076	0.27241	0.26217	0.26182	0.24593	0.25302	0.25435	5.757	
57 Hexachlorobenzene	0.25658	0.27836	0.26135	0.26107	0.24530	0.25493	0.25960	4.194	
58 Pentachlorophenol	+++++	0.09507	0.10596	0.12153	0.12972	0.14048	0.11855	15.349	
60 Phenanthrene	1.29461	1.37974	1.34095	1.25617	1.19756	1.14763	1.26944	6.876	
61 Anthracene	1.32632	1.38290	1.35599	1.27409	1.21986	1.16260	1.28696	6.561	
62 Carbazole	1.05963	1.13501	1.11187	1.06968	0.97766	0.99158	1.05757	5.956	
63 Di-n-butylphthalate	1.18967	1.39243	1.34475	1.31905	1.19802	1.14789	1.26530	7.855	
64 Fluoranthene	1.25054	1.44795	1.38415	1.30825	1.21593	1.16936	1.29603	8.131	
65 Pyrene	1.61184	1.81914	1.70654	1.76719	1.61312	1.42343	1.65688	8.510	
67 Butylbenzylphthalate	0.62359	0.71846	0.70512	0.71459	0.65820	0.59485	0.66913	7.768	
68 Benzo(a)anthracene	1.45108	1.55940	1.54079	1.52861	1.40216	1.37483	1.47614	5.267	
70 3,3'-Dichlorobenzidine	+++++	0.59658	0.56293	0.50876	0.51829	0.51915	0.54114	6.916	
71 Chrysene	1.44393	1.48202	1.44585	1.44470	1.31892	1.34508	1.41342	4.614	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

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Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/ddt.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff
Curve Type : Average

	Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	___ RRF	% RSD	
72	bis(2-Ethylhexyl)phthalate	0.55896	0.69066	0.65914	0.65536	0.61360	0.54410	0.62030	9.483	
73	Di-n-octylphthalate	1.14250	1.17928	1.13410	1.07631	0.99978	0.93644	1.07807	8.675	
74	Benzo(b)fluoranthene	1.32192	1.41005	1.58483	1.49536	1.54630	1.33743	1.44932	7.570	
75	Benzo(k)fluoranthene	1.54122	1.79224	1.47115	1.40575	1.34129	1.38000	1.48861	11.064	
76	Benzo(a)pyrene	1.26499	1.38637	1.35515	1.29671	1.32012	1.24846	1.31197	4.024	
78	Indeno(1,2,3-cd)pyrene	1.65372	1.79411	1.72810	1.75205	1.74862	1.81707	1.74895	3.254	
79	Dibenzo(a,h)anthracene	1.19637	1.39081	1.36680	1.30329	1.34087	1.36868	1.32780	5.348	
80	Benzo(g,h,i)perylene	1.42216	1.57672	1.55478	1.54367	1.52109	1.55257	1.52850	3.606	
90	N-Nitrosodimethylamine	+++++	1.37190	1.32666	1.28220	1.19223	1.16260	1.26712	6.979	
91	Aniline	+++++	3.35775	3.13972	3.03275	2.86128	2.77415	3.03313	7.614	
92	1,2-Diphenylhydrazine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
93	Benzidine	+++++	0.86195	0.82756	0.75814	0.70888	0.63973	0.75925	11.787	
96	p-Cymene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
97	Caffeine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
98	Retene	0.51186	0.57072	0.56104	0.56229	0.55304	0.47780	0.53946	6.792	
99	Perylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
100	3-beta-Coprostanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
101	Cholesterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
102	beta-Sitosterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
103	Pyridine	+++++	2.26566	2.22845	2.20777	2.11114	2.05478	2.17356	4.029	
$ 1	2-Fluorophenol	+++++	1.78319	1.70073	1.64185	1.58913	1.52948	1.64888	5.958	
$ 137	d8-1,4-Dioxane	+++++	0.92733	0.86673	0.96469	0.88036	0.91070	0.90996	4.271	
$ 2	Phenol-d5	2.05044	2.48538	2.24216	2.24535	2.17239	2.08966	2.21423	6.978	
$ 5	2-Chlorophenol-d4	+++++	1.39455	1.36799	1.33726	1.33540	1.31116	1.34927	2.399	
$ 10	1,2-Dichlorobenzene-d4	0.97908	1.05536	0.98901	0.98763	0.98872	0.97561	0.99590	2.978	
$ 18	Nitrobenzene-d5	+++++	0.68277	0.64060	0.59143	0.60149	0.55487	0.61423	7.975	
$ 36	2-Fluorobiphenyl	+++++	1.62832	1.51971	1.45494	1.41622	1.40859	1.48556	6.134	
$ 55	2,4,6-Tribromophenol	+++++	0.19088	0.17964	0.18043	0.20306	0.19948	0.19070	5.608	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

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End Cal Date : 11-JUN-2009 14:21
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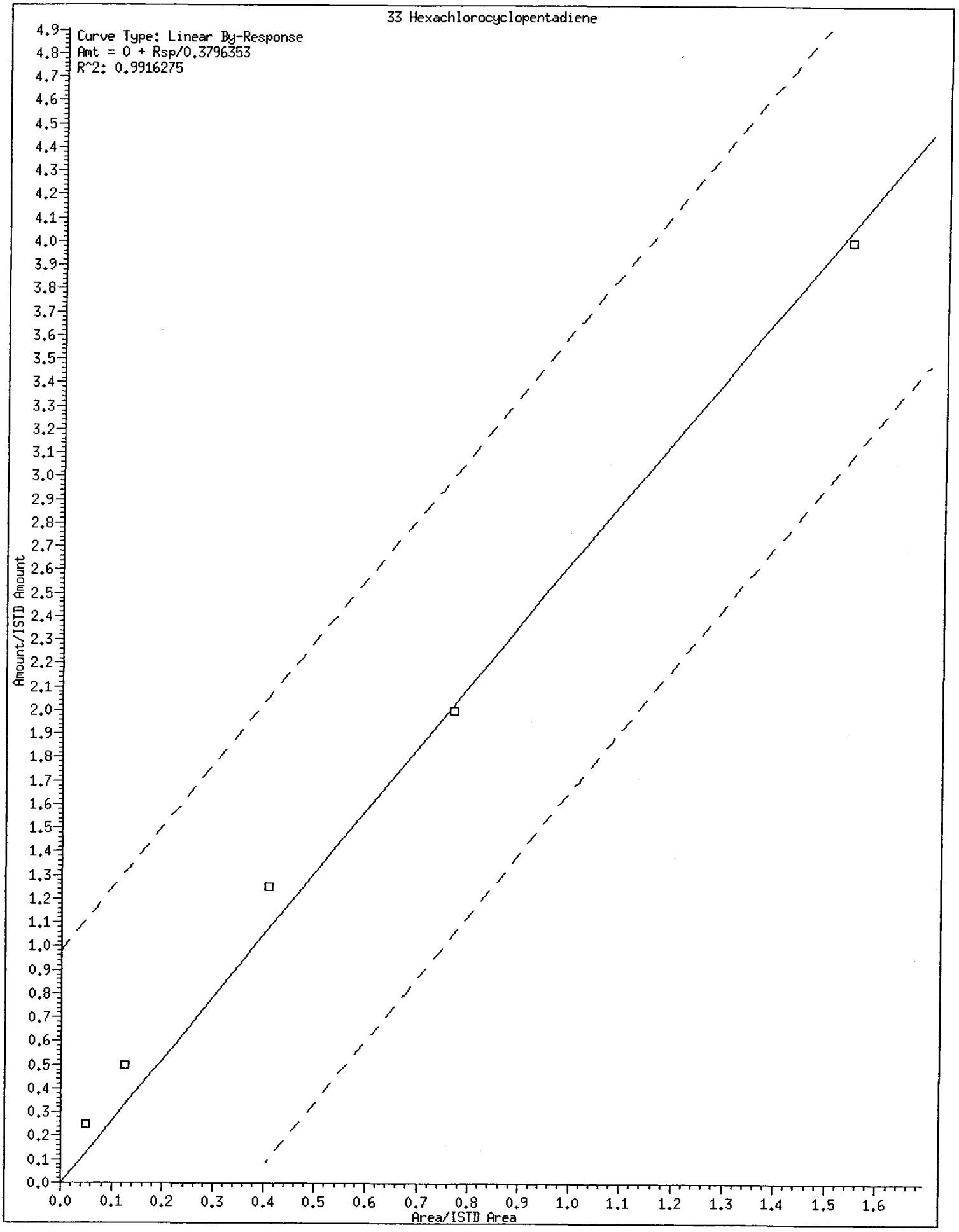
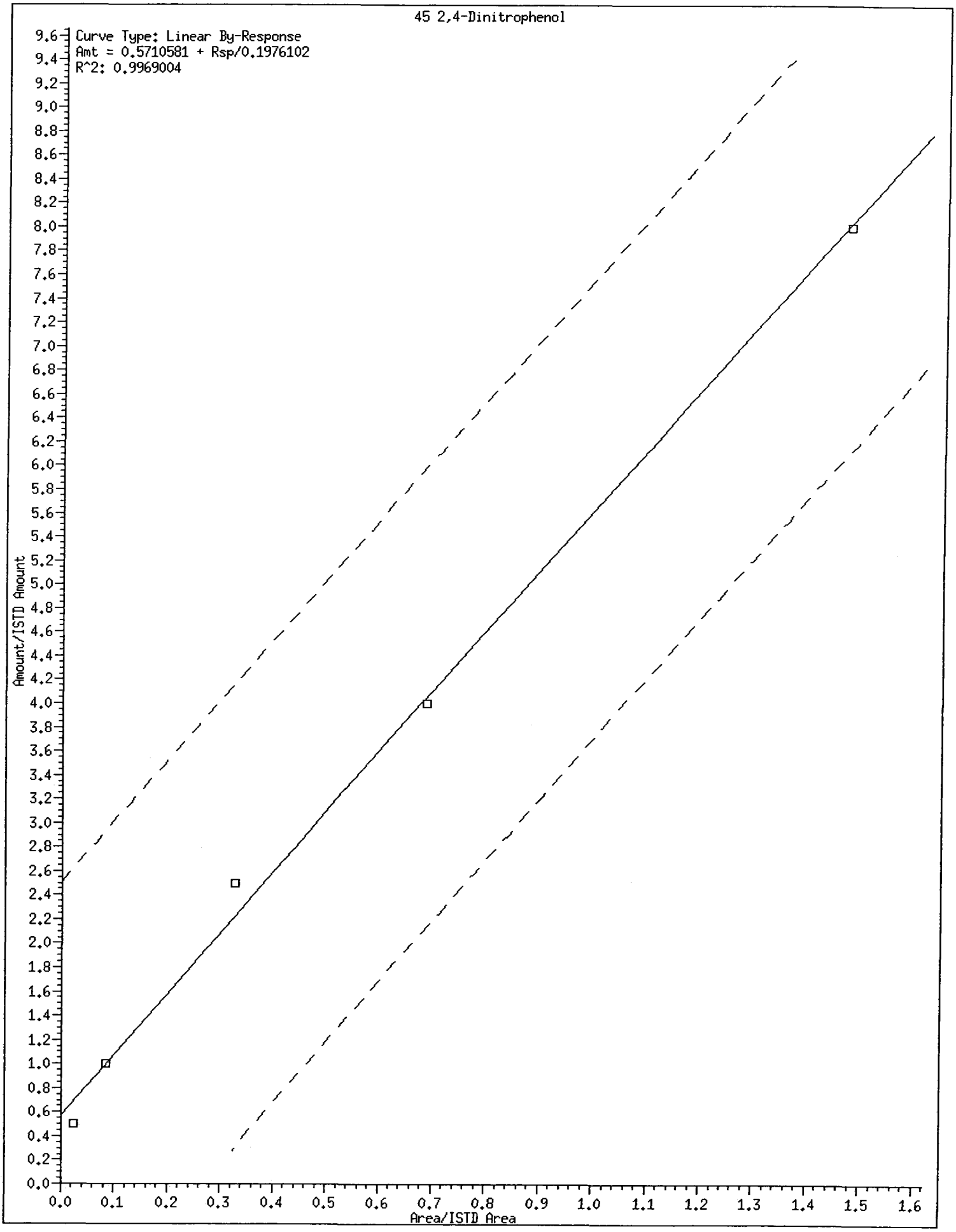
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/ddt.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	___ RRF	% RSD	
$ 66 Terphenyl-d14	+++++	1.14228	1.07107	1.10058	1.08136	0.94583	1.06822	6.894	
$ 85 p-Cresol-d4	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$ 86 Anthracene-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$ 87 Fluoranthene-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$ 88 Dibenz(a,h)anthracene-d14	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$ 89 Diphenyl-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$ 95 D10-1-methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-


33 Hexachlorocyclopentadiene
Curve Type: Linear By-Response
Amt = 0 + Rsp/0.3796353
R^2: 0.9916275
Amount/ISTD Amount
Area/ISTD Area
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 4.0 4.1 4.2 4.3 4.4 4.5 4.6 4.7 4.8 4.9


45 2,4-Dinitrophenol
Curve Type: Linear By-Response
Amt = 0.5710581 + Rsp/0.1976102
R^2: 0.9969004
Amount/ISTD Amount
Area/ISTD Area
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0
3.2
3.4
3.6
3.8
4.0
4.2
4.4
4.6
4.8
5.0
5.2
5.4
5.6
5.8
6.0
6.2
6.4
6.6
6.8
7.0
7.2
7.4
7.6
7.8
8.0
8.2
8.4
8.6
8.8
9.0
9.2
9.4
9.6

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
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Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

Calibration File Names:
Level 1: /chem1/nt6.i/20090611.b/0010611a.d
Level 2: /chem1/nt6.i/20090611.b/0050611a.d
Level 3: /chem1/nt6.i/20090611.b/0100611.d
Level 4: /chem1/nt6.i/20090611.b/0250611.d
Level 5: /chem1/nt6.i/20090611.b/0400611.d
Level 6: /chem1/nt6.i/20090611.b/0800611.d

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
186 Carbaryl	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
179 n-Decane	1.93648	2.02034	1.93691	1.81518	1.73957	1.70040	AVRG		1.85815		6.78336	
180 n-Octadecane	0.63447	0.69900	0.68249	0.65372	0.61449	0.58443	AVRG		0.64476		6.61940	
169 4-tert-Butylphenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
170 N,N-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
171 2,3-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
172 2,4-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
173 2,5-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
174 2,6-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
175 3,4-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
176 3,5-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
177 p-Benzoquinone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
168 Pentachlorobenzene	0.54637	0.57565	0.53806	0.50207	0.51901	0.50261	AVRG		0.53063		5.37353	
145 4,4'-DDE	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

Analytical Resources, Inc.

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Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
146 4,4'-DDD	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
147 4,4'-DDT	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
148 Dieldrin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
149 TCMX	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
150 DCBP	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
138 Chlorobenzilate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
139 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
140 Diallate A	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
141 Diallate B	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
142 1,2-Dibromo-3-Chloropropane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
135 2,3,5,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
136 2,3,4,5-tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
133 Butylatedhydroxytoluene	1.18630	1.23671	1.19275	1.13261	1.09394	1.07877	AVRG		1.15351		5.35942	
132 3,6-Dimethylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
131 1-Methylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
130 Dibenzothiophene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
129 1-Methylfluorene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
128 N-Hexadecane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
127 2-Isopropylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
126 N-Tetradecane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
144 alpha-Terpineol	0.35631	0.38680	0.37345	0.35734	0.35653	0.32786	AVRG		0.35971		5.50991	
125 Safrole	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
124 3,4-Dimethylphenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
123 Acetophenone	2.14252	2.45076	2.32833	2.15112	2.09332	1.96048	AVRG		2.18776		7.99308	
122 Furfuraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
143 1,4-Dioxane	0.83927	0.89623	0.86543	0.86821	0.78994	0.86418	AVRG		0.85388		4.23549	
121 Quinoline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
120 2,3,4,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
178 2-Benzyl-4-Chlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
119 7,12-Dimethylbenz(a)anthracen	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
118 Triphenyl Phosphate	0.22409	0.23922	0.23167	0.22604	0.22042	0.20321	AVRG		0.22411		5.42665	
117 Butyl Diphenyl Phosphate	0.29348	0.39306	0.36139	0.38486	0.35012	0.31416	AVRG		0.34951		11.21034	
116 Dibutyl Phenyl Phosphate	0.55840	0.66353	0.64744	0.64715	0.60990	0.60415	AVRG		0.62176		6.23487	
115 Tributyl Phosphate	1.15650	1.31263	1.26356	1.23512	1.12969	1.07756	AVRG		1.19585		7.44978	
114 Beta-Pinene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
113 Diphenyl Oxide	+++++	0.95514	0.91628	0.89265	0.88559	0.87004	AVRG		0.90394		3.66379	
112 Biphenyl	+++++	1.98994	1.85741	1.77575	1.71055	1.64707	AVRG		1.79614		7.43186	
111 Azobenzene (1,2-DP-Hydrazine)	2.04425	2.35569	2.24262	2.11099	2.08831	1.91067	AVRG		2.12542		7.32069	
110 Tetrachloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
109 3,4,5-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
181 3,4,6-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
108 4,5,6-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
184 3,4-Dichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
107 4,5-Dichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

Analytical Resources, Inc.

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Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
182 4,6-Dichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
185 4-Chloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
106 Guaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
105 1-methylnaphthalene	0.62132	0.67609	0.64493	0.60641	0.60656	0.56618	AVRG		0.62025		6.04599	
151 1,2,4,5-Tetrachlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
152 Benzo(e)pyrene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
153 Chlorpyrifos	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
154 Diazinon	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
155 Kelthane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
156 Methyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
157 Ethyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
158 Ethion	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
159 4-Nonylphenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
160 Tetraethyl Tin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
161 1,2,3-Trichloronaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
162 1,2,3,4-Tetrachloronapthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
163 1,2,3,5,8-Pentachloronaphthal	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
164 1,2,3,4,6,7-Hexachloronaphtha	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
165 1,2,3,4,5,6,7-Heptachloronaph	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
166 Octachloronaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
167 2,2',4,4',5-Pentabromobipheny	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
3 Phenol	2.26483	2.60958	2.55462	2.38487	2.31164	2.22337	AVRG		2.39148		6.60890	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

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Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

	Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
4	Bis(2-Chloroethyl)ether	1.84957	1.94500	1.86939	1.79277	1.70067	1.67383	AVRG		1.80520		5.75540
6	2-Chlorophenol	1.44644	1.63675	1.61950	1.48831	1.45451	1.41784	AVRG		1.51056		6.21985
7	1,3-Dichlorobenzene	1.68410	1.78101	1.70131	1.61602	1.55526	1.52968	AVRG		1.64456		5.79349
9	1,4-Dichlorobenzene	1.62523	1.76681	1.70564	1.63526	1.58167	1.56649	AVRG		1.64685		4.63677
11	Benzyl alcohol	1.01209	1.23222	1.15015	1.15926	1.08469	1.07883	AVRG		1.11954		6.87603
12	1,2-Dichlorobenzene	1.65546	1.72184	1.69655	1.56504	1.55043	1.51115	AVRG		1.61674		5.33042
13	2-Methylphenol	1.41840	1.69131	1.67647	1.58617	1.54235	1.48224	AVRG		1.56616		6.85750
14	2,2'-oxybis(1-Chloropropane)	2.17076	2.45748	2.30988	2.24813	2.15546	2.07602	AVRG		2.23629		6.03246
15	4-Methylphenol	1.45062	1.75836	1.68103	1.61725	1.57111	1.52673	AVRG		1.60085		6.86878
16	N-Nitroso-di-n-propylamine	1.48025	1.65184	1.53743	1.48985	1.41242	1.33583	AVRG		1.48460		7.26396
17	Hexachloroethane	0.70184	0.82303	0.80199	0.75822	0.75895	0.72355	AVRG		0.76126		6.00287
19	Nitrobenzene	0.64981	0.71770	0.68458	0.60876	0.60664	0.55810	AVRG		0.63760		9.11344
20	Isophorone	1.06924	1.17638	1.14440	1.03527	1.03418	0.93847	AVRG		1.06632		8.01924
21	2-Nitrophenol	+++++	0.23498	0.23701	0.23055	0.23247	0.22631	AVRG		0.23226		1.77936
22	2,4-Dimethylphenol	0.47587	0.53302	0.54665	0.50189	0.51574	0.47708	AVRG		0.50838		5.70422
23	Bis(2-Chloroethoxy)methane	0.58669	0.63648	0.61290	0.58538	0.56761	0.53555	AVRG		0.58743		5.96750
24	Benzoic acid	+++++	0.25997	0.30430	0.31969	0.35997	0.34452	AVRG		0.31769		12.21253
25	2,4-Dichlorophenol	0.25579	0.33238	0.35107	0.35290	0.35246	0.34166	AVRG		0.33104		11.39491
26	1,2,4-Trichlorobenzene	0.40100	0.42746	0.40992	0.39333	0.39974	0.38072	AVRG		0.40203		3.92462
28	Naphthalene	1.24487	1.28380	1.25651	1.14947	1.14268	1.05634	AVRG		1.18895		7.32986
29	4-Chloroaniline	0.46713	0.54734	0.52805	0.51584	0.52530	0.49179	AVRG		0.51258		5.59849
30	Hexachlorobutadiene	0.22875	0.23256	0.22963	0.22264	0.21704	0.21876	AVRG		0.22490		2.81583

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
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Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

	1	5	10	25	40	80		Coefficients			%RSD
Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Curve	b	m1	m2	or R^2
31 4-Chloro-3-methylphenol	+++++	0.41285	0.41938	0.42486	0.43982	0.39900	AVRG		0.41918		3.58897
32 2-Methylnaphthalene	0.65101	0.69969	0.67113	0.64070	0.63188	0.59161	AVRG		0.64767		5.65514
33 Hexachlorocyclopentadiene	+++++	9060	22217	88728	207087	325812	LINR	0.000e+00	0.37964		0.99163
34 2,4,6-Trichlorophenol	+++++	0.42178	0.43380	0.41368	0.44214	0.42245	AVRG		0.42677		2.62154
35 2,4,5-Trichlorophenol	+++++	0.42156	0.43297	0.43144	0.45712	0.44409	AVRG		0.43744		3.10829
37 2-Chloronaphthalene	1.28762	1.43880	1.36016	1.31568	1.29752	1.28805	AVRG		1.33131		4.45061
38 2-Nitroaniline	+++++	0.56808	0.55175	0.56754	0.55214	0.52918	AVRG		0.55374		2.86392
39 Dimethylphthalate	1.39064	1.60458	1.52486	1.41036	1.45278	1.37122	AVRG		1.45908		6.15402
40 Acenaphthylene	1.90932	2.17006	2.06162	1.99433	1.92194	1.86946	AVRG		1.98779		5.65647
41 2,6-Dinitrotoluene	+++++	0.32289	0.31592	0.31310	0.32232	0.31182	AVRG		0.31721		1.62268
43 3-Nitroaniline	+++++	0.36626	0.35864	0.35410	0.37529	0.35663	AVRG		0.36218		2.38009
44 Acenaphthene	1.26984	1.35859	1.32633	1.19443	1.21715	1.16080	AVRG		1.25453		6.17570
45 2,4-Dinitrophenol	+++++	4072	14966	71172	185554	312259	LINR	0.57106	0.19761		0.99690
46 Dibenzofuran	1.81825	1.99098	1.86085	1.76523	1.77574	1.66478	AVRG		1.81264		6.02476
47 4-Nitrophenol	+++++	0.20621	0.22542	0.23230	0.24937	0.24148	AVRG		0.23096		7.16157
48 2,4-Dinitrotoluene	+++++	0.41792	0.41048	0.40223	0.42063	0.40554	AVRG		0.41136		1.91102
49 Fluorene	1.46233	1.60215	1.52899	1.44138	1.47773	1.38348	AVRG		1.48268		5.08338
50 Diethylphthalate	1.32990	1.41548	1.38188	1.30116	1.28600	1.25406	AVRG		1.32808		4.58142
51 4-Chlorophenyl-phenylether	0.75128	0.78709	0.75148	0.68457	0.72442	0.69185	AVRG		0.73178		5.36451
52 4-Nitroaniline	+++++	0.32465	0.33053	0.30456	0.33245	0.31702	AVRG		0.32184		3.53536
53 4,6-Dinitro-2-methylphenol	+++++	0.11824	0.14204	0.15668	0.16741	0.16869	AVRG		0.15061		13.95785
54 N-Nitrosodiphenylamine	0.61207	0.67395	0.65596	0.62004	0.59327	0.58866	AVRG		0.62399		5.48977

Analytical Resources, Inc.

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Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

	Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
56	4-Bromophenyl-phenylether	0.23076	0.27241	0.26217	0.26182	0.24593	0.25302	AVRG		0.25435		5.75668
57	Hexachlorobenzene	0.25658	0.27836	0.26135	0.26107	0.24530	0.25493	AVRG		0.25960		4.19442
58	Pentachlorophenol	+++++	0.09507	0.10596	0.12153	0.12972	0.14048	AVRG		0.11855		15.34911
60	Phenanthrene	1.29461	1.37974	1.34095	1.25617	1.19756	1.14763	AVRG		1.26944		6.87591
61	Anthracene	1.32632	1.38290	1.35599	1.27409	1.21986	1.16260	AVRG		1.28696		6.56129
62	Carbazole	1.05963	1.13501	1.11187	1.06968	0.97766	0.99158	AVRG		1.05757		5.95574
63	Di-n-butylphthalate	1.18967	1.39243	1.34475	1.31905	1.19802	1.14789	AVRG		1.26530		7.85536
64	Fluoranthene	1.25054	1.44795	1.38415	1.30825	1.21593	1.16936	AVRG		1.29603		8.13095
65	Pyrene	1.61184	1.81914	1.70654	1.76719	1.61312	1.42343	AVRG		1.65688		8.51005
67	Butylbenzylphthalate	0.62359	0.71846	0.70512	0.71459	0.65820	0.59485	AVRG		0.66913		7.76777
68	Benzo(a)anthracene	1.45108	1.55940	1.54079	1.52861	1.40216	1.37483	AVRG		1.47614		5.26744
70	3,3'-Dichlorobenzidine	+++++	0.59658	0.56293	0.50876	0.51829	0.51915	AVRG		0.54114		6.91624
71	Chrysene	1.44393	1.48202	1.44585	1.44470	1.31892	1.34508	AVRG		1.41342		4.61433
72	bis(2-Ethylhexyl)phthalate	0.55896	0.69066	0.65914	0.65536	0.61360	0.54410	AVRG		0.62030		9.48341
73	Di-n-octylphthalate	1.14250	1.17928	1.13410	1.07631	0.99978	0.93644	AVRG		1.07807		8.67457
74	Benzo(b)fluoranthene	1.32192	1.41005	1.58483	1.49536	1.54630	1.33743	AVRG		1.44932		7.56981
75	Benzo(k)fluoranthene	1.54122	1.79224	1.47115	1.40575	1.34129	1.38000	AVRG		1.48861		11.06427
76	Benzo(a)pyrene	1.26499	1.38637	1.35515	1.29671	1.32012	1.24846	AVRG		1.31197		4.02449
78	Indeno(1,2,3-cd)pyrene	1.65372	1.79411	1.72810	1.75205	1.74862	1.81707	AVRG		1.74895		3.25401
79	Dibenzo(a,h)anthracene	1.19637	1.39081	1.36680	1.30329	1.34087	1.36868	AVRG		1.32780		5.34751
80	Benzo(g,h,i)perylene	1.42216	1.57672	1.55478	1.54367	1.52109	1.55257	AVRG		1.52850		3.60583
90	N-Nitrosodimethylamine	+++++	1.37190	1.32666	1.28220	1.19223	1.16260	AVRG		1.26712		6.97939

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Cal Date : 11-Jun-2009 16:21 jeff

	Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
91	Aniline	+++++	3.35775	3.13972	3.03275	2.86128	2.77415	AVRG		3.03313		7.61404	
92	1,2-Diphenylhydrazine	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
93	Benzidine	+++++	0.86195	0.82756	0.75814	0.70888	0.63973	AVRG		0.75925		11.78688	
96	p-Cymene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
97	Caffeine	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
98	Retene	0.51186	0.57072	0.56104	0.56229	0.55304	0.47780	AVRG		0.53946		6.79232	
99	Perylene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
100	3-beta-Coprostanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
101	Cholesterol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
102	beta-Sitosterol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
103	Pyridine	+++++	2.26566	2.22845	2.20777	2.11114	2.05478	AVRG		2.17356		4.02875	
$ 1	2-Fluorophenol	+++++	1.78319	1.70073	1.64185	1.58913	1.52948	AVRG		1.64888		5.95799	
$ 137	d8-1,4-Dioxane	+++++	0.92733	0.86673	0.96469	0.88036	0.91070	AVRG		0.90996		4.27134	
$ 2	Phenol-d5	2.05044	2.48538	2.24216	2.24535	2.17239	2.08966	AVRG		2.21423		6.97809	
$ 5	2-Chlorophenol-d4	+++++	1.39455	1.36799	1.33726	1.33540	1.31116	AVRG		1.34927		2.39854	
$ 10	1,2-Dichlorobenzene-d4	0.97908	1.05536	0.98901	0.98763	0.98872	0.97561	AVRG		0.99590		2.97800	
$ 18	Nitrobenzene-d5	+++++	0.68277	0.64060	0.59143	0.60149	0.55487	AVRG		0.61423		7.97518	
$ 36	2-Fluorobiphenyl	+++++	1.62832	1.51971	1.45494	1.41622	1.40859	AVRG		1.48556		6.13401	
$ 55	2,4,6-Tribromophenol	+++++	0.19088	0.17964	0.18043	0.20306	0.19948	AVRG		0.19070		5.60780	
$ 66	Terphenyl-d14	+++++	1.14228	1.07107	1.10058	1.08136	0.94583	AVRG		1.06822		6.89379	
$ 85	p-Cresol-d4	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
$ 86 Anthracene-d10	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 87 Fluoranthene-d10	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 88 Dibenz(a,h)anthracene-d14	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 89 Diphenyl-d10	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 95 D10-1-methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611.b/0010611a.d
Lab Smp Id: ABN 1
Inj Date : 11-JUN-2009 13:48
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 1
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611.b/SW846.m
Meth Date : 11-Jun-2009 16:21 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

LJR 6/11/09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.103	5.103	(0.716)	8220	1.00000	0.9915
$	2 Phenol-d5	99	6.780	6.780	(0.951)	10310	1.00000	0.9260
	3 Phenol	94	6.796	6.796	(0.954)	11388	1.00000	0.9470
$	5 2-Chlorophenol-d4	132	6.833	6.833	(0.959)	6179	1.00000	0.9108
	4 Bis(2-Chloroethyl)ether	93	6.828	6.828	(0.958)	9300	1.00000	1.025
	6 2-Chlorophenol	128	6.855	6.855	(0.962)	7273	1.00000	0.9576
	7 1,3-Dichlorobenzene	146	7.058	7.063	(0.990)	8468	1.00000	1.024
*	8 1,4-Dichlorobenzene-d4	152	7.127	7.127	(1.000)	100564	20.0000	
	9 1,4-Dichlorobenzene	146	7.154	7.154	(1.004)	8172	1.00000	0.9869
$	10 1,2-Dichlorobenzene-d4	152	7.432	7.426	(1.043)	4923	1.00000	0.9831 (M)
	12 1,2-Dichlorobenzene	146	7.448	7.448	(1.045)	8324	1.00000	1.024
	11 Benzyl alcohol	108	7.448	7.453	(1.045)	5089	1.00000	0.9040
	14 2,2'-oxybis(1-Chloropropane)	45	7.720	7.720	(1.083)	10915	1.00000	0.9707
	13 2-Methylphenol	108	7.731	7.731	(1.085)	7132	1.00000	0.9057
	17 Hexachloroethane	117	7.934	7.939	(1.113)	3529	1.00000	0.9219
	16 N-Nitroso-di-n-propylamine	70	7.934	7.934	(1.113)	7443	1.00000	0.9971
	15 4-Methylphenol	108	7.971	7.971	(1.118)	7294	1.00000	0.9062
$	18 Nitrobenzene-d5	82	8.078	8.078	(0.879)	10506	1.00000	1.030
	19 Nitrobenzene	77	8.104	8.104	(0.882)	10789	1.00000	1.019
	20 Isophorone	82	8.500	8.500	(0.925)	17753	1.00000	1.003
	21 2-Nitrophenol	139	8.633	8.633	(0.940)	3247	1.00000	0.8420
	22 2,4-Dimethylphenol	107	8.799	8.799	(0.958)	7901	1.00000	0.9361
	23 Bis(2-Chloroethoxy)methane	93	8.927	8.927	(0.972)	9741	1.00000	0.9987
	24 Benzoic acid	105	8.948	8.991	(0.974)	3976	5.00000	0.7538 (MH)
	25 2,4-Dichlorophenol	162	9.034	9.034	(0.983)	4247	1.00000	0.7727
	26 1,2,4-Trichlorobenzene	180	9.141	9.141	(0.995)	6658	1.00000	0.9974
*	27 Naphthalene-d8	136	9.189	9.189	(1.000)	332068	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.215	9.215	(1.003)	20669	1.00000	1.047
	29 4-Chloroaniline	127	9.392	9.392	(1.022)	7756	1.00000	0.9113
	30 Hexachlorobutadiene	225	9.557	9.557	(1.040)	3798	1.00000	1.017
	31 4-Chloro-3-methylphenol	107	10.252	10.252	(1.116)	4525	1.00000	0.6502
	32 2-Methylnaphthalene	141	10.342	10.342	(1.126)	10809	1.00000	1.005
	33 Hexachlorocyclopentadiene	237	10.727	10.732	(0.892)	188	1.00000	0.05644
	34 2,4,6-Trichlorophenol	196	10.876	10.876	(0.904)	2570	1.00000	0.6863
	35 2,4,5-Trichlorophenol	196	10.946	10.941	(0.910)	2966	1.00000	0.7728 (M)
$	36 2-Fluorobiphenyl	172	10.999	10.999	(0.914)	12920	1.00000	0.9912
	37 2-Chloronaphthalene	162	11.111	11.111	(0.924)	11298	1.00000	0.9672
	38 2-Nitroaniline	65	11.363	11.363	(0.944)	3584	1.00000	0.7376
	39 Dimethylphthalate	163	11.752	11.758	(0.977)	12202	1.00000	0.9531
	40 Acenaphthylene	152	11.774	11.779	(0.979)	16753	1.00000	0.9605
	41 2,6-Dinitrotoluene	165	11.838	11.843	(0.984)	2098	1.00000	0.7538
*	42 Acenaphthene-d10	164	12.030	12.030	(1.000)	175487	20.0000	
	43 3-Nitroaniline	138	12.036	12.035	(1.000)	2246	1.00000	0.7068
	44 Acenaphthene	153	12.078	12.078	(1.004)	11142	1.00000	1.012
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	12.340	12.340	(1.026)	15954	1.00000	1.003
	47 4-Nitrophenol	109	12.420	12.409	(1.032)	933	1.00000	0.4604 (M)
	48 2,4-Dinitrotoluene	165	12.457	12.457	(1.036)	2613	1.00000	0.7239
	50 Diethylphthalate	149	12.906	12.911	(1.073)	11669	1.00000	1.001
	49 Fluorene	166	12.890	12.890	(1.071)	12831	1.00000	0.9863
	51 4-Chlorophenyl-phenylether	204	12.943	12.943	(1.076)	6592	1.00000	1.027
	52 4-Nitroaniline	138	13.013	13.018	(1.082)	2013	1.00000	0.7128
	53 4,6-Dinitro-2-methylphenol	198	13.104	13.104	(0.912)	936	5.00000	0.4520
	54 N-Nitrosodiphenylamine	169	13.152	13.152	(0.915)	8416	1.00000	0.9809
$	55 2,4,6-Tribromophenol	330	13.317	13.317	(1.107)	1231	1.00000	0.7357
	56 4-Bromophenyl-phenylether	248	13.713	13.713	(0.954)	3173	1.00000	0.9073
	57 Hexachlorobenzene	284	13.905	13.910	(0.967)	3528	1.00000	0.9884
	58 Pentachlorophenol	266	14.220	14.220	(0.989)	466	1.00000	0.2859
*	59 Phenanthrene-d10	188	14.375	14.375	(1.000)	275001	20.0000	
	60 Phenanthrene	178	14.407	14.412	(1.002)	17801	1.00000	1.020
	61 Anthracene	178	14.482	14.482	(1.007)	18237	1.00000	1.031
	62 Carbazole	167	14.791	14.786	(1.029)	14570	1.00000	1.002
	63 Di-n-butylphthalate	149	15.550	15.550	(1.082)	16358	1.00000	0.9402
	64 Fluoranthene	202	16.324	16.330	(1.136)	17195	1.00000	0.9649
	65 Pyrene	202	16.666	16.672	(0.894)	18047	1.00000	0.9728
$	66 Terphenyl-d14	244	17.024	17.029	(0.913)	11123	1.00000	0.9300
	67 Butylbenzylphthalate	149	17.937	17.937	(0.962)	6982	1.00000	0.9319
	68 Benzo(a)anthracene	228	18.621	18.621	(0.999)	16247	1.00000	0.9830
*	69 Chrysene-d12	240	18.642	18.648	(1.000)	223930	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.669	18.664	(1.001)	5386	1.00000	0.8889
	71 Chrysene	228	18.680	18.680	(1.002)	16167	1.00000	1.022
	72 bis(2-Ethylhexyl)phthalate	149	18.958	18.958	(0.953)	8797	1.00000	0.9011
*	134 Di-n-octylphthalate-d4	153	19.887	19.887	(1.000)	314765	20.0000	
	73 Di-n-octylphthalate	149	19.898	19.898	(1.001)	17981	1.00000	1.060

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74 Benzo(b)fluoranthene	252	20.261	20.261	(0.975)	16510	1.00000	0.9121 (H)
75 Benzo(k)fluoranthene	252	20.282	20.293	(0.976)	19249	1.00000	1.035 (M)
76 Benzo(a)pyrene	252	20.693	20.693	(0.996)	15799	1.00000	0.9642
* 77 Perylene-d12	264	20.779	20.779	(1.000)	249789	20.0000	
78 Indeno(1,2,3-cd)pyrene	276	22.119	22.119	(1.065)	20654	1.00000	0.9455
79 Dibenzo(a,h)anthracene	278	22.151	22.151	(1.066)	14942	1.00000	0.9010
80 Benzo(g,h,i)perylene	276	22.413	22.419	(1.079)	17762	1.00000	0.9304
90 N-Nitrosodimethylamine	74	2.197	2.197	(0.308)	6321	1.00000	0.9921
103 Pyridine	79	2.208	2.192	(0.310)	9056	1.00000	0.8286
91 Aniline	93	6.684	6.684	(0.938)	15251	1.00000	1.0000
105 1-methylnaphthalene	141	10.508	10.508	(1.144)	10316	1.00000	1.002
93 Benzidine	184	16.618	16.613	(0.891)	7282	1.00000	0.8566
111 Azobenzene (1,2-DP-Hydrazine)	77	13.184	13.189	(1.096)	17937	1.00000	0.9618
143 1,4-Dioxane	88	1.749	1.749	(0.245)	4220	1.00000	0.9829
$ 137 d8-1,4-Dioxane	96	1.717	1.717	(0.241)	4275	1.00000	0.9343
144 alpha-Terpineol	59	9.280	9.279	(1.010)	5916	1.00000	0.9905
98 Retene	219	17.259	17.259	(0.926)	5731	1.00000	0.9488
133 Butylatedhydroxytoluene	205	12.260	12.260	(1.019)	10409	1.00000	1.028
115 Tributyl Phosphate	99	13.296	13.301	(0.925)	15902	1.00000	0.9671
116 Dibutyl Phenyl Phosphate	175	15.000	15.000	(1.043)	7678	1.00000	0.8981
117 Butyl Diphenyl Phosphate	94	16.656	16.661	(0.893)	3286	1.00000	0.8397
118 Triphenyl Phosphate	326	18.231	18.231	(0.978)	2509	1.00000	0.9999
123 Acetophenone	105	7.853	7.853	(1.102)	10773	1.00000	0.9793
179 n-Decane	57	7.010	7.010	(0.984)	9737	1.00000	1.042
180 n-Octadecane	57	14.396	14.396	(1.001)	8724	1.00000	0.9840
168 Pentachlorobenzene	250	12.383	12.388	(1.029)	4794	1.00000	1.030
113 Diphenyl Oxide	170	11.325	11.325	(0.941)	7778	1.00000	0.9807
112 Biphenyl	154	11.128	11.127	(0.925)	16540	1.00000	1.049

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: 0010611a.d
Lab Smp Id: ABN 1
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611.b/SW846.m
Misc Info:

Calibration Date: 11-JUN-2009
Calibration Time: 10:27

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	100564	-10.52
27 Naphthalene-d8	384492	192246	768984	332068	-13.63
42 Acenaphthene-d10	217478	108739	434956	175487	-19.31
59 Phenanthrene-d10	336594	168297	673188	275001	-18.30
69 Chrysene-d12	247160	123580	494320	223930	-9.40
134 Di-n-octylphthala	347036	173518	694072	314765	-9.30
77 Perylene-d12	232938	116469	465876	249789	7.23

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.13	-0.11
27 Naphthalene-d8	9.19	8.69	9.69	9.19	-0.03
42 Acenaphthene-d10	12.03	11.53	12.53	12.03	-0.02
59 Phenanthrene-d10	14.38	13.88	14.88	14.37	-0.05
69 Chrysene-d12	18.66	18.16	19.16	18.64	-0.07
134 Di-n-octylphthala	19.89	19.39	20.39	19.89	-0.01
77 Perylene-d12	20.78	20.28	21.28	20.78	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

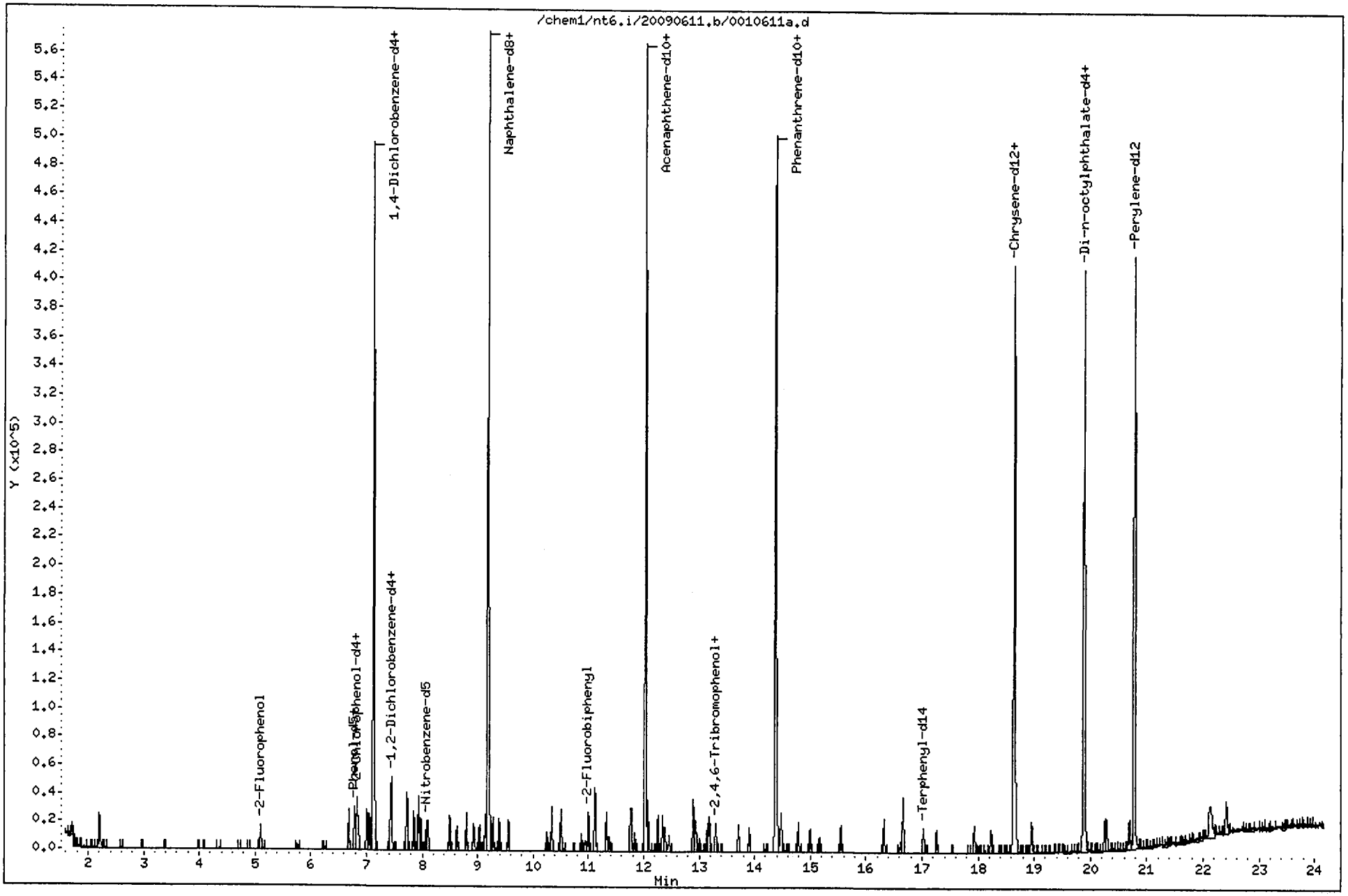
Data File: /chem1/nt6.i/20090611.b/0010611a.d
Date : 11-JUN-2009 13:48
Client ID:
Sample Info: ABN 1

Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32

PB066 066319



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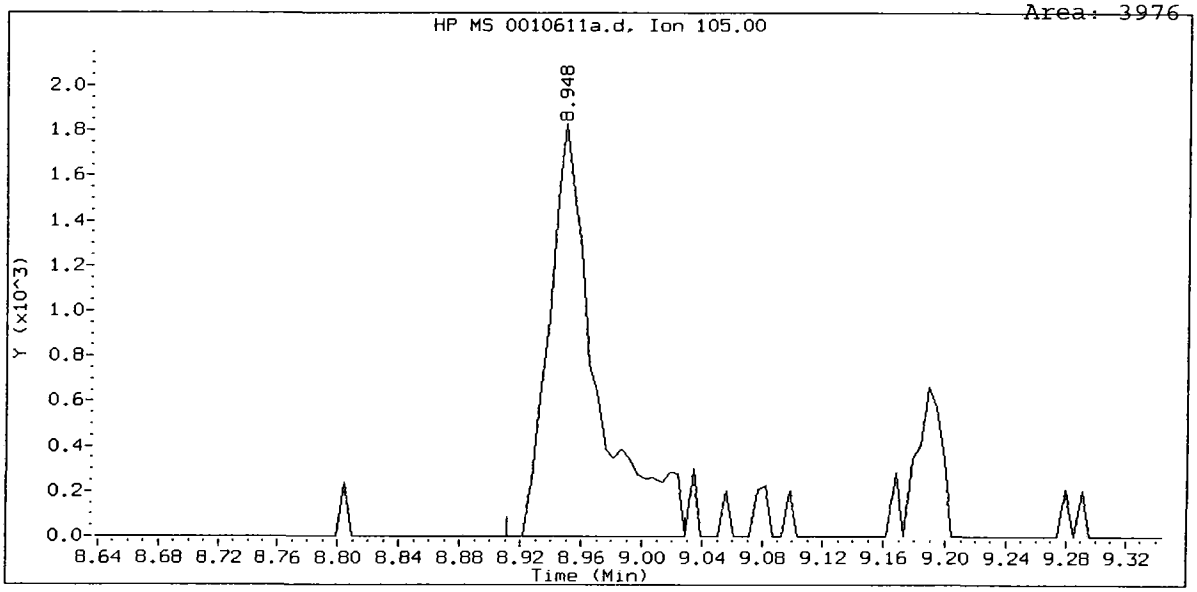
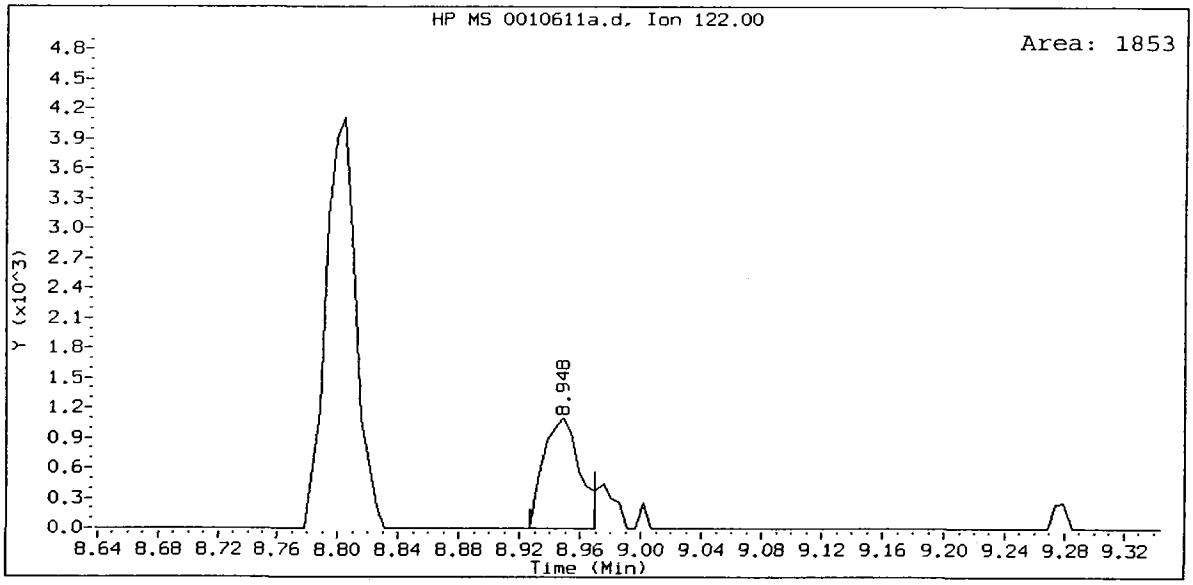
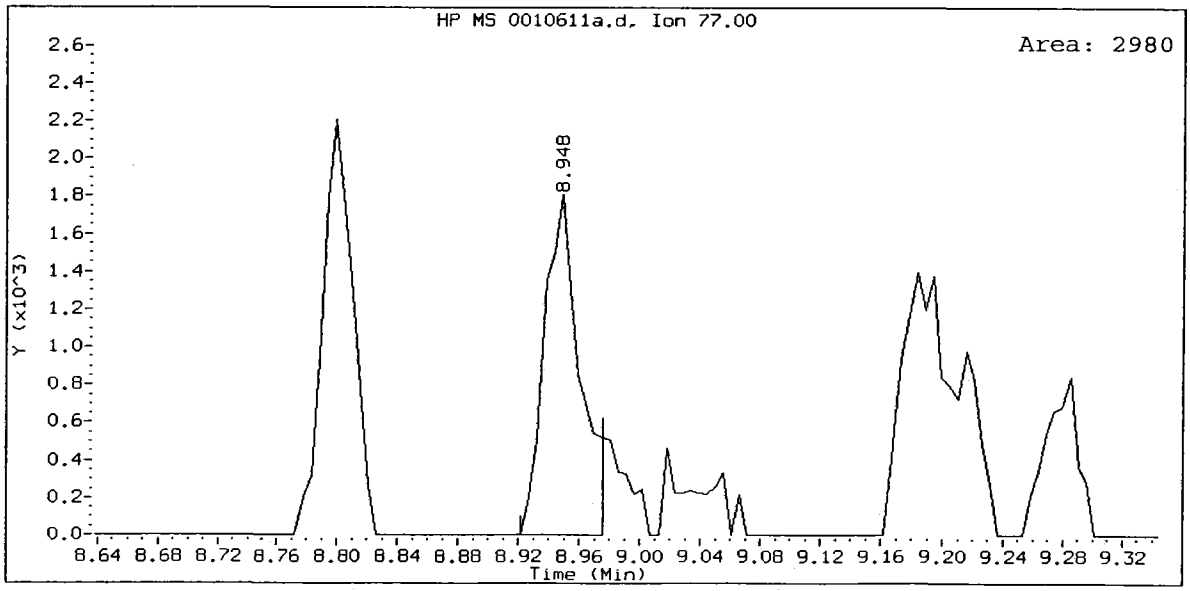
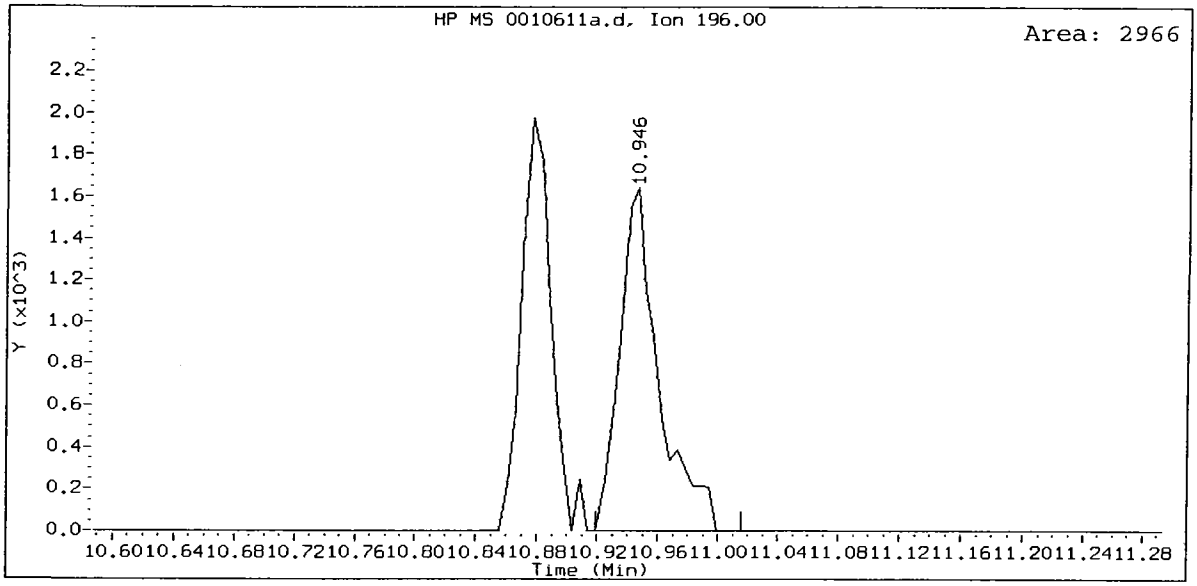
Benzoic acid Amount: 0.75

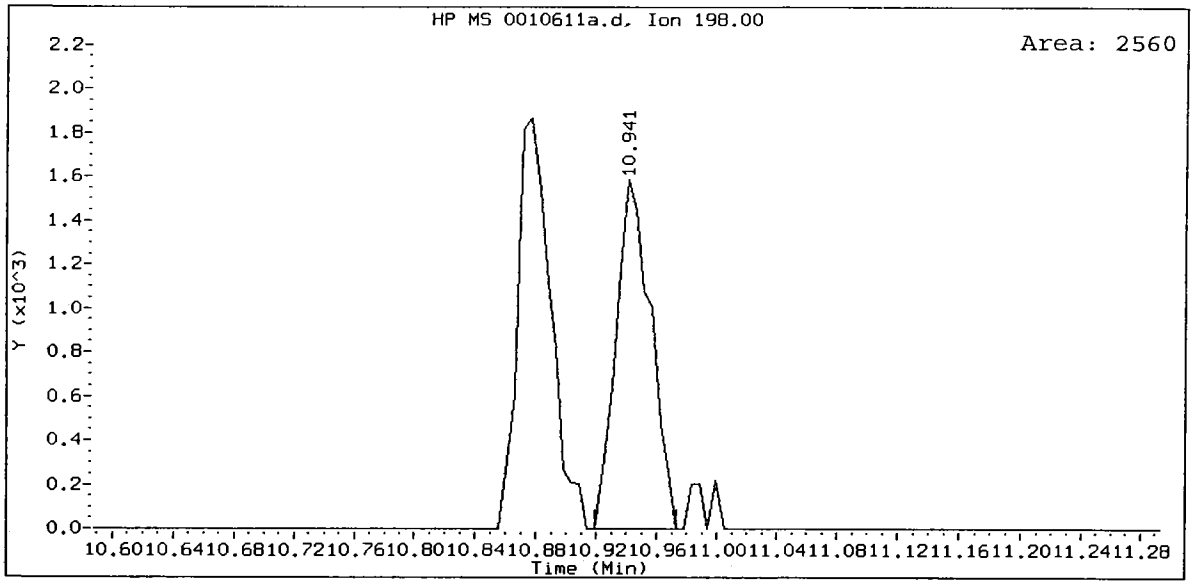


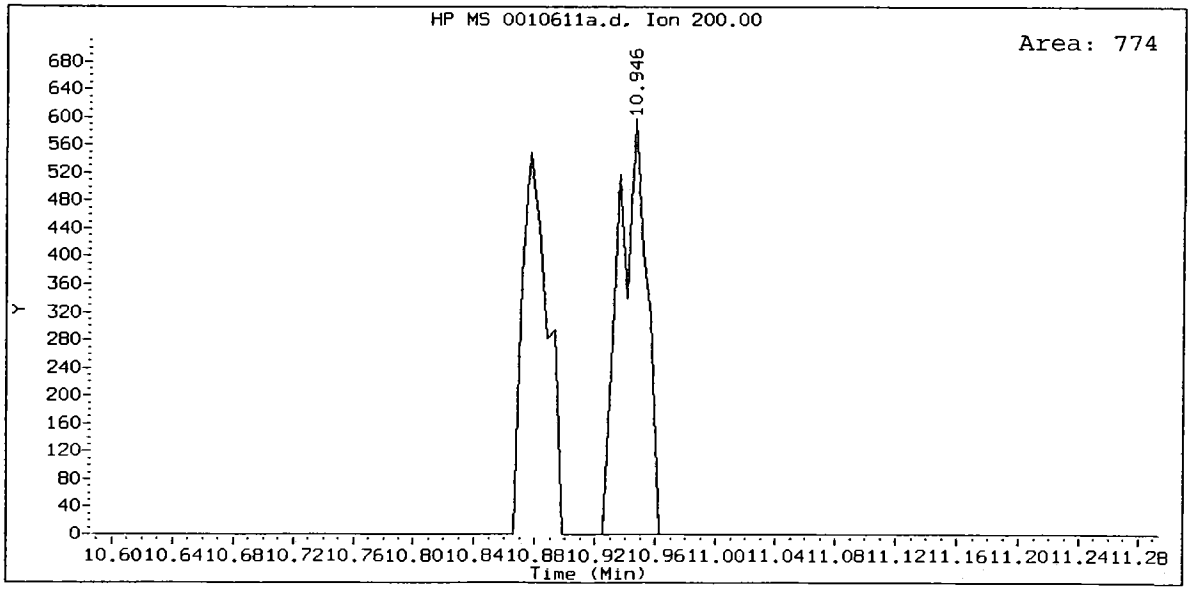




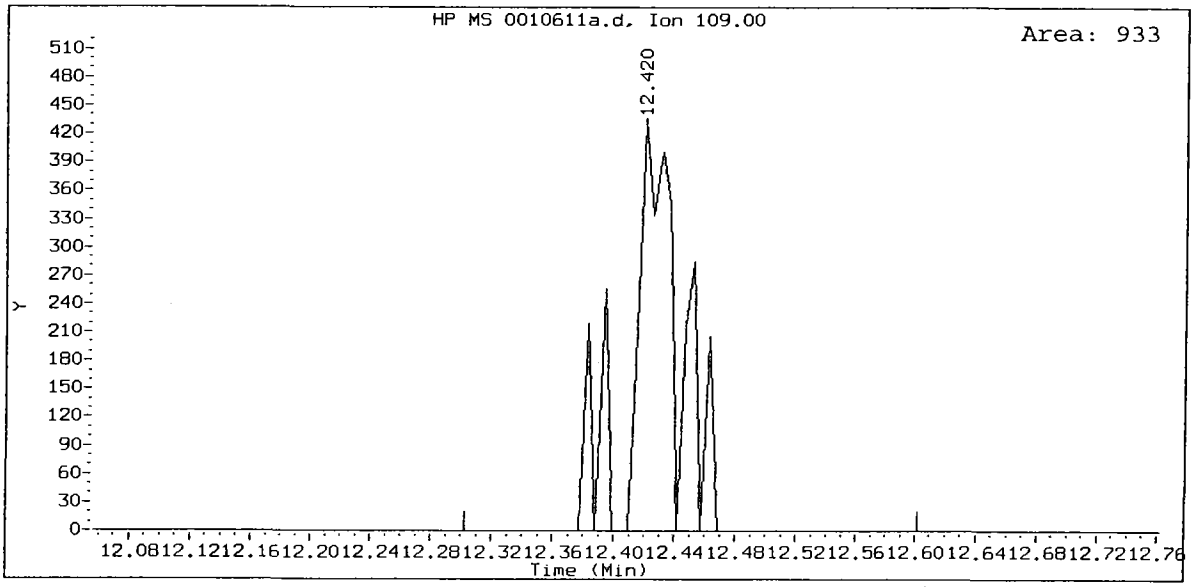
ABN 1, /chem1/nt6.i/20090611.b/0010611a.d
2,4,5-Trichlorophenol Amount: 0.77

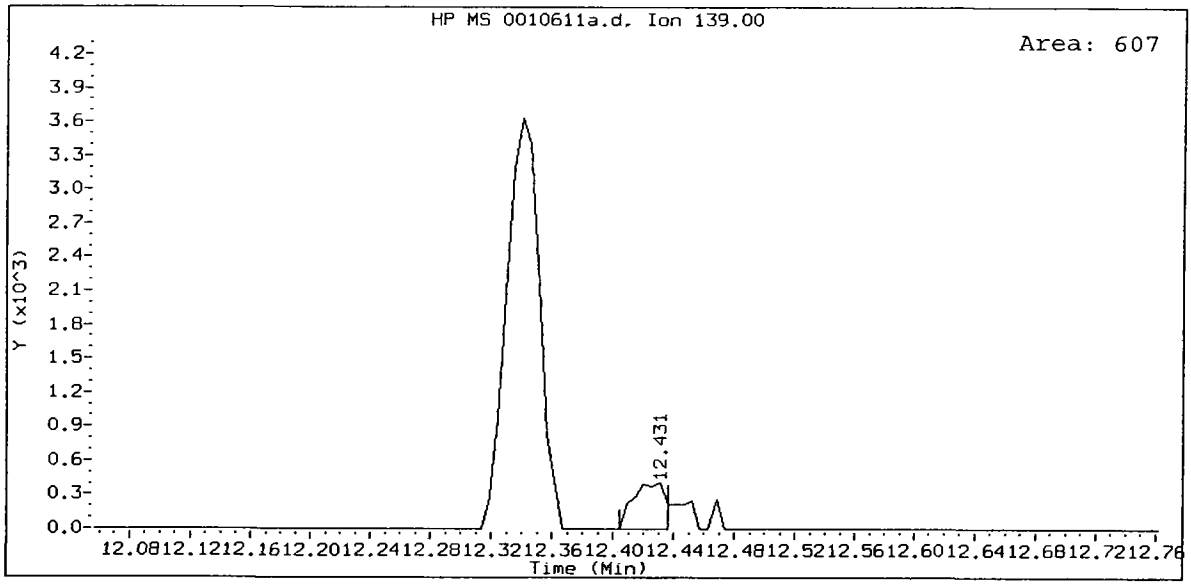


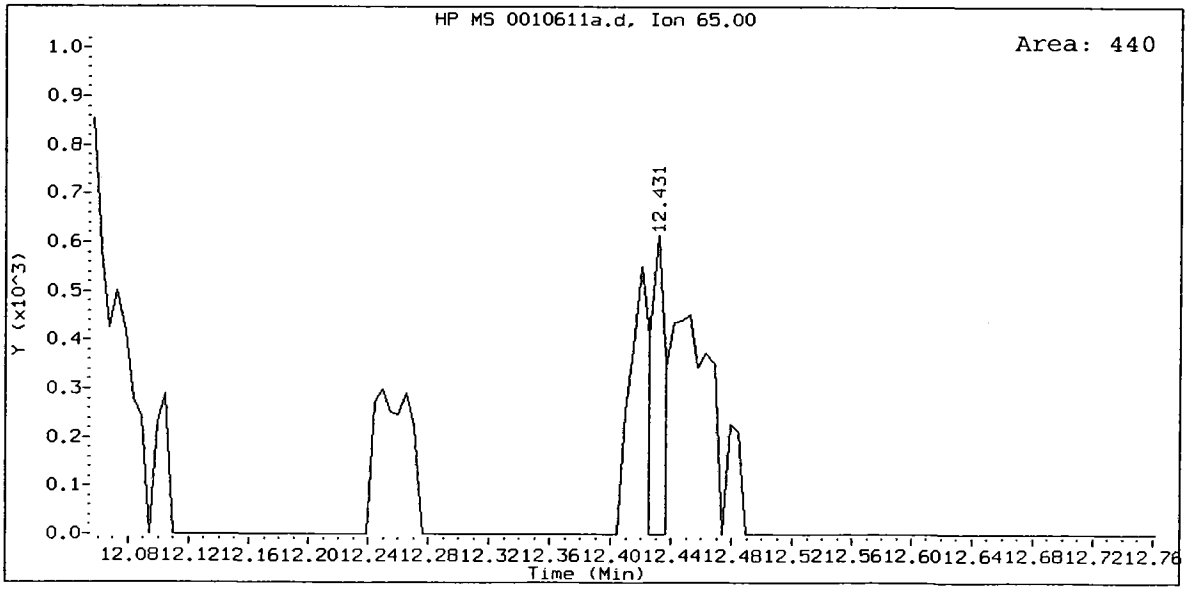




ABN 1, /chem1/nt6.i/20090611.b/0010611a.d
4-Nitrophenol Amount: 0.46







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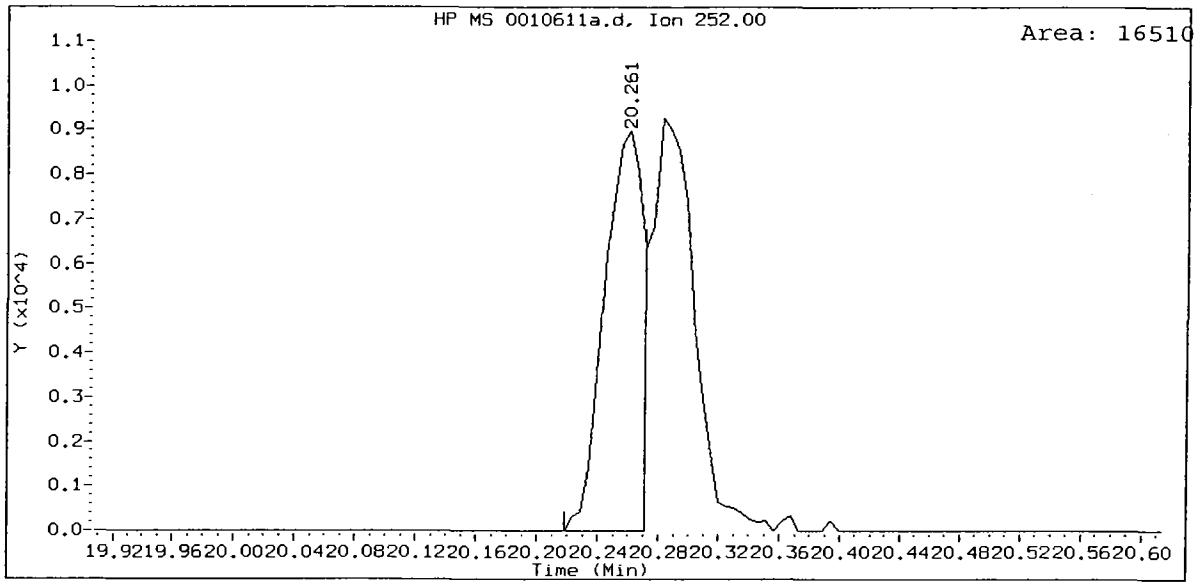
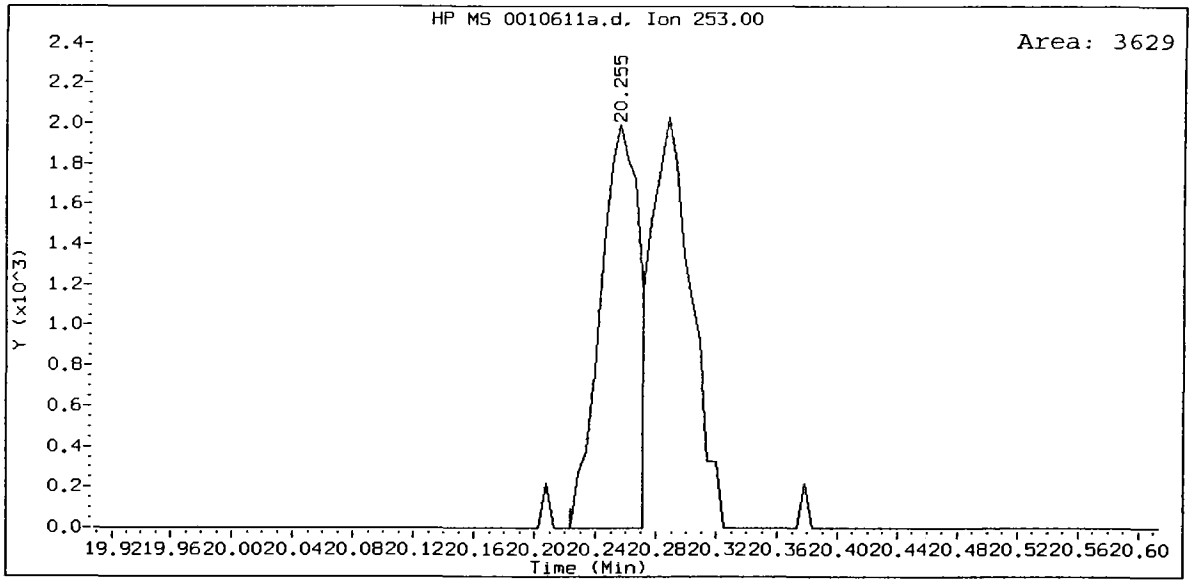
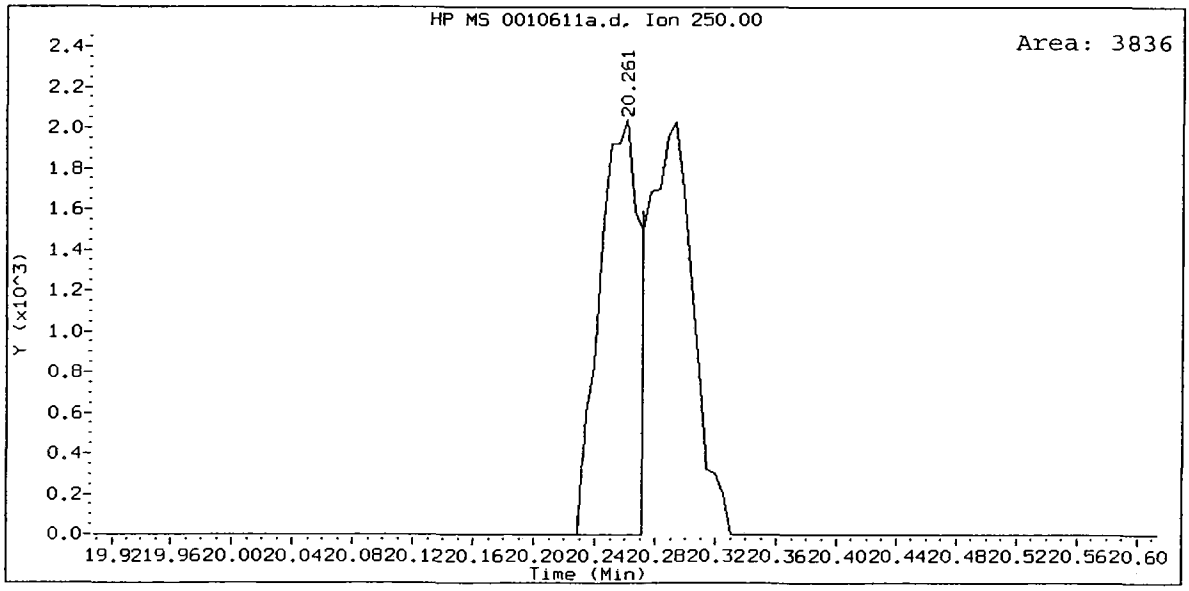
Benzo(b)fluoranthene Amount: 0.91







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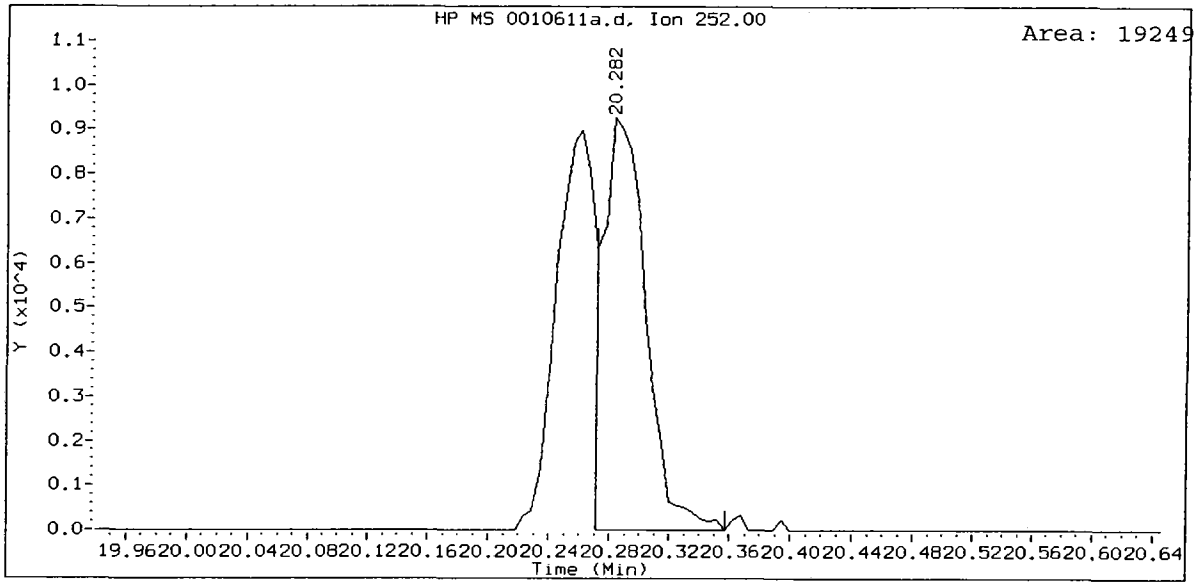
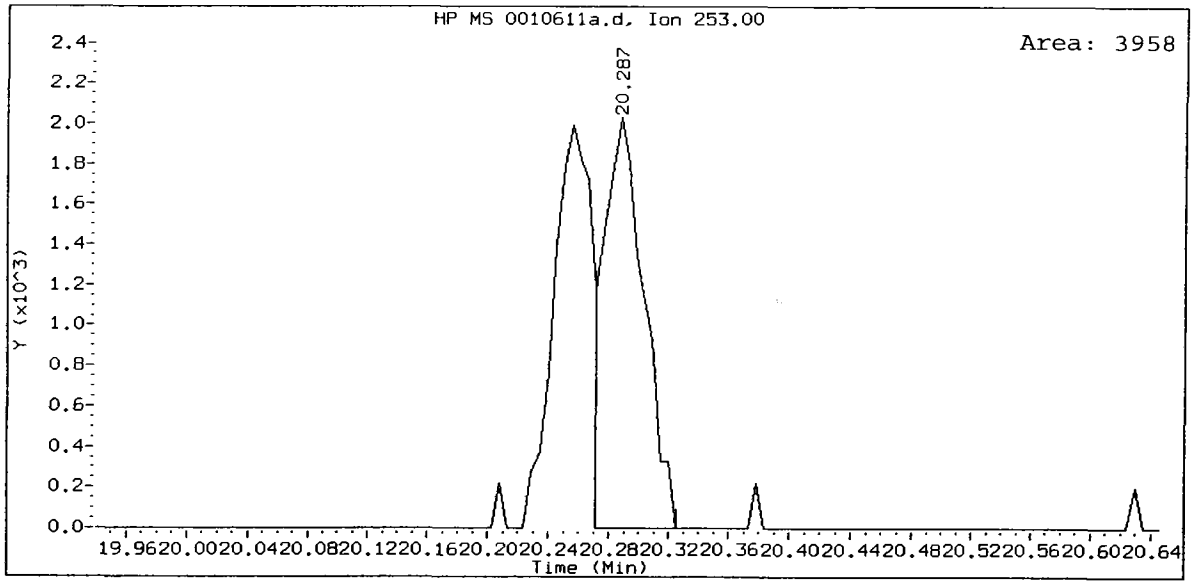
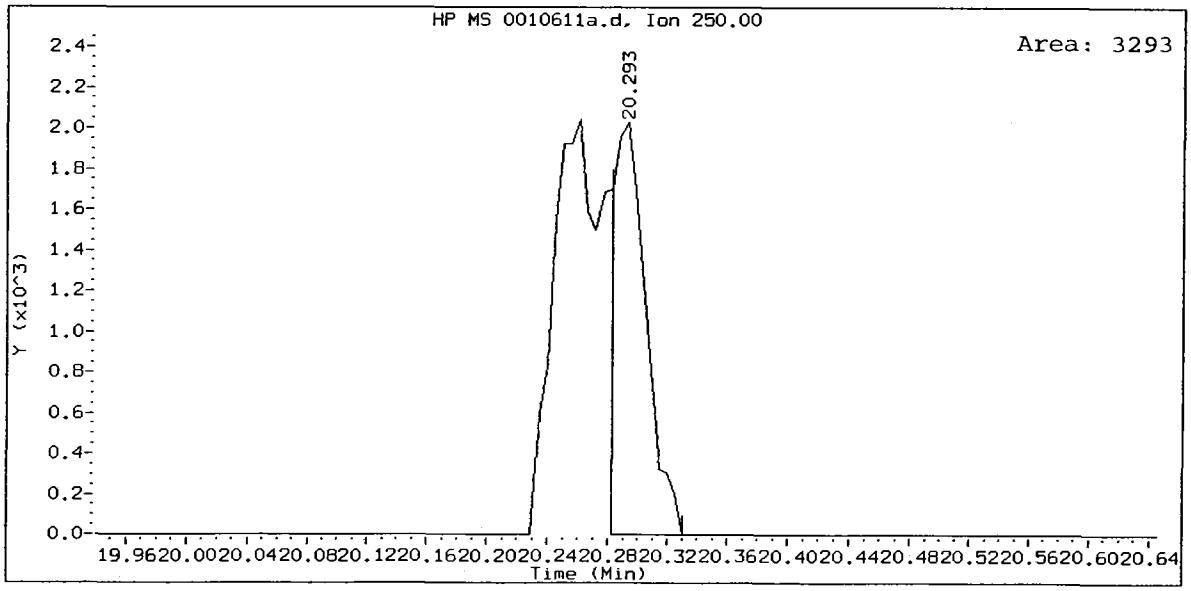
Benzo(k)fluoranthene Amount: 1.04







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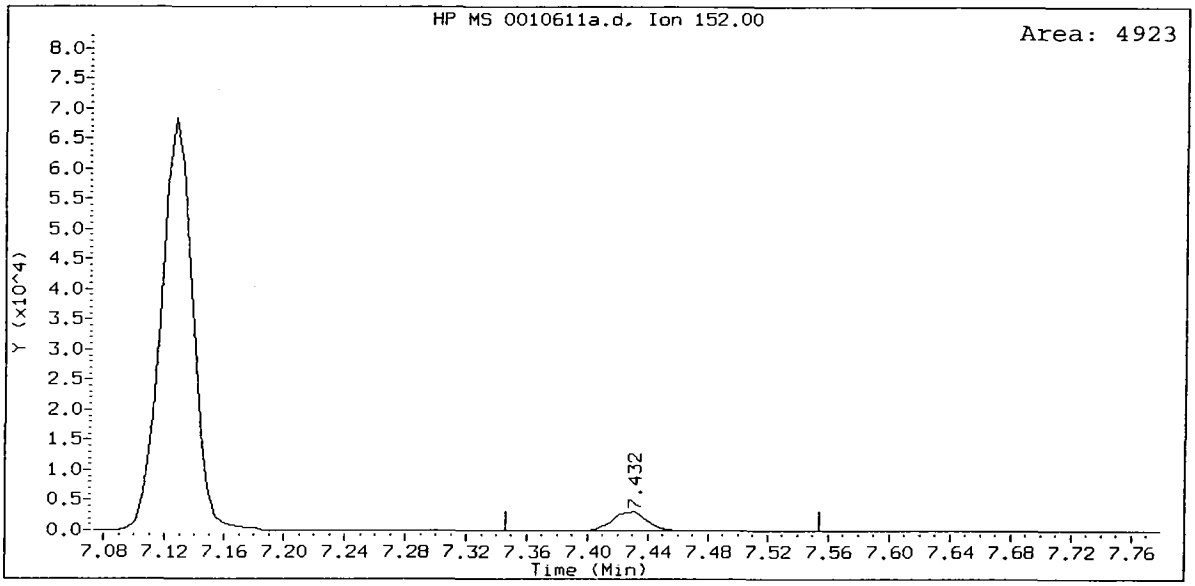
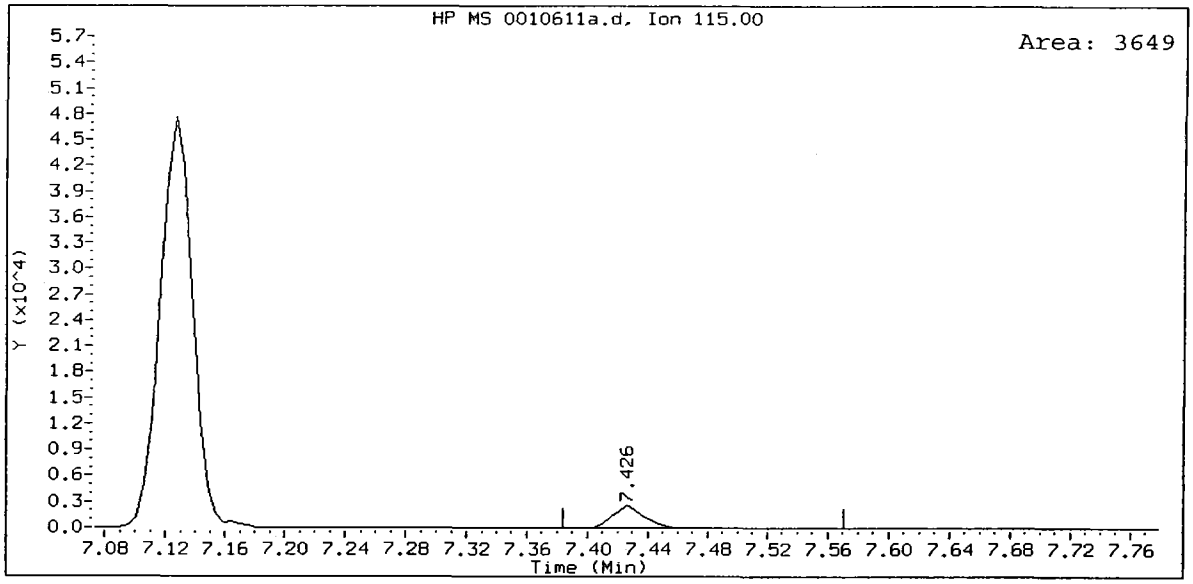
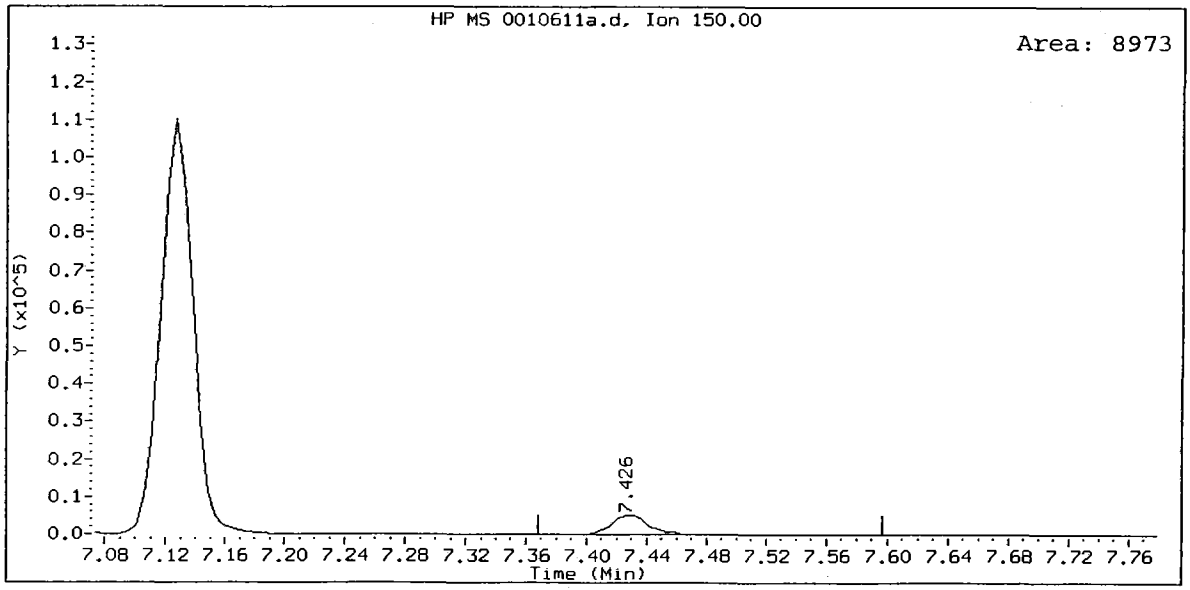
1,2-Dichlorobenzene-d4 Amount: 0.98







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611.b/0050611a.d
Lab Smp Id: ABN 5
Inj Date : 11-JUN-2009 14:21
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 5
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611.b/SW846.m
Meth Date : 11-Jun-2009 16:21 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

LJR 6/11/09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.103	5.103	(0.716)	44093	5.00000	5.407
$	2 Phenol-d5	99	6.780	6.780	(0.951)	61456	5.00000	5.612
	3 Phenol	94	6.796	6.796	(0.954)	64527	5.00000	5.456
$	5 2-Chlorophenol-d4	132	6.833	6.833	(0.959)	34483	5.00000	5.168
	4 Bis(2-Chloroethyl)ether	93	6.828	6.828	(0.958)	48094	5.00000	5.387
	6 2-Chlorophenol	128	6.855	6.855	(0.962)	40472	5.00000	5.418
	7 1,3-Dichlorobenzene	146	7.063	7.063	(0.991)	44039	5.00000	5.415
*	8 1,4-Dichlorobenzene-d4	152	7.127	7.127	(1.000)	98908	20.0000	
	9 1,4-Dichlorobenzene	146	7.154	7.154	(1.004)	43688	5.00000	5.364
$	10 1,2-Dichlorobenzene-d4	152	7.426	7.426	(1.042)	26096	5.00000	5.299
	12 1,2-Dichlorobenzene	146	7.448	7.448	(1.045)	42576	5.00000	5.325
	11 Benzyl alcohol	108	7.453	7.453	(1.046)	30469	5.00000	5.503 (M)
	14 2,2'-oxybis(1-Chloropropane)	45	7.720	7.720	(1.083)	60766	5.00000	5.495
	13 2-Methylphenol	108	7.731	7.731	(1.085)	41821	5.00000	5.400
	17 Hexachloroethane	117	7.939	7.939	(1.114)	20351	5.00000	5.406
	16 N-Nitroso-di-n-propylamine	70	7.934	7.934	(1.113)	40845	5.00000	5.563
	15 4-Methylphenol	108	7.971	7.971	(1.118)	43479	5.00000	5.492
$	18 Nitrobenzene-d5	82	8.078	8.078	(0.879)	57552	5.00000	5.558
	19 Nitrobenzene	77	8.104	8.104	(0.882)	60496	5.00000	5.628
	20 Isophorone	82	8.500	8.500	(0.925)	99159	5.00000	5.516
	21 2-Nitrophenol	139	8.633	8.633	(0.940)	19807	5.00000	5.059
	22 2,4-Dimethylphenol	107	8.799	8.799	(0.958)	44929	5.00000	5.242
	23 Bis(2-Chloroethoxy)methane	93	8.927	8.927	(0.972)	53650	5.00000	5.417
	24 Benzoic acid	105	8.991	8.991	(0.978)	43827	10.0000	8.183 (M)
	25 2,4-Dichlorophenol	162	9.034	9.034	(0.983)	28017	5.00000	5.020
	26 1,2,4-Trichlorobenzene	180	9.141	9.141	(0.995)	36031	5.00000	5.316
*	27 Naphthalene-d8	136	9.189	9.189	(1.000)	337167	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.215	9.215	(1.003)	108214	5.00000	5.399
	29 4-Chloroaniline	127	9.392	9.392	(1.022)	46136	5.00000	5.339
	30 Hexachlorobutadiene	225	9.557	9.557	(1.040)	19603	5.00000	5.170
	31 4-Chloro-3-methylphenol	107	10.252	10.252	(1.116)	34800	5.00000	4.924
	32 2-Methylnaphthalene	141	10.342	10.342	(1.126)	58978	5.00000	5.402
	33 Hexachlorocyclopentadiene	237	10.732	10.732	(0.892)	9060	5.00000	2.632
	34 2,4,6-Trichlorophenol	196	10.876	10.876	(0.904)	19120	5.00000	4.942
	35 2,4,5-Trichlorophenol	196	10.941	10.941	(0.909)	19110	5.00000	4.819
$	36 2-Fluorobiphenyl	172	10.999	10.999	(0.914)	73814	5.00000	5.480
	37 2-Chloronaphthalene	162	11.111	11.111	(0.924)	65223	5.00000	5.404
	38 2-Nitroaniline	65	11.363	11.363	(0.944)	25752	5.00000	5.130
	39 Dimethylphthalate	163	11.758	11.758	(0.977)	72738	5.00000	5.499
	40 Acenaphthylene	152	11.779	11.779	(0.979)	98372	5.00000	5.458
	41 2,6-Dinitrotoluene	165	11.843	11.843	(0.984)	14637	5.00000	5.089
*	42 Acenaphthene-d10	164	12.030	12.030	(1.000)	181326	20.0000	
	43 3-Nitroaniline	138	12.035	12.035	(1.000)	16603	5.00000	5.056
	44 Acenaphthene	153	12.078	12.078	(1.004)	61587	5.00000	5.415
	45 2,4-Dinitrophenol	184	12.212	12.212	(1.015)	4072	10.0000	13.69
	46 Dibenzofuran	168	12.340	12.340	(1.026)	90254	5.00000	5.492
	47 4-Nitrophenol	109	12.409	12.409	(1.032)	9348	5.00000	4.464
	48 2,4-Dinitrotoluene	165	12.457	12.457	(1.036)	18945	5.00000	5.080
	50 Diethylphthalate	149	12.911	12.911	(1.073)	64166	5.00000	5.329
	49 Fluorene	166	12.890	12.890	(1.071)	72628	5.00000	5.403
	51 4-Chlorophenyl-phenylether	204	12.943	12.943	(1.076)	35680	5.00000	5.378
	52 4-Nitroaniline	138	13.018	13.018	(1.082)	14717	5.00000	5.044
	53 4,6-Dinitro-2-methylphenol	198	13.104	13.104	(0.912)	16794	10.0000	7.850
	54 N-Nitrosodiphenylamine	169	13.152	13.152	(0.915)	47863	5.00000	5.400
$	55 2,4,6-Tribromophenol	330	13.317	13.317	(1.107)	8653	5.00000	5.005
	56 4-Bromophenyl-phenylether	248	13.713	13.713	(0.954)	19346	5.00000	5.355
	57 Hexachlorobenzene	284	13.910	13.910	(0.968)	19769	5.00000	5.361
	58 Pentachlorophenol	266	14.220	14.220	(0.989)	6752	5.00000	4.010
*	59 Phenanthrene-d10	188	14.375	14.375	(1.000)	284076	20.0000	
	60 Phenanthrene	178	14.412	14.412	(1.003)	97988	5.00000	5.434
	61 Anthracene	178	14.482	14.482	(1.007)	98212	5.00000	5.373
	62 Carbazole	167	14.786	14.786	(1.029)	80607	5.00000	5.366
	63 Di-n-butylphthalate	149	15.550	15.550	(1.082)	98889	5.00000	5.502
	64 Fluoranthene	202	16.330	16.330	(1.136)	102832	5.00000	5.586
	65 Pyrene	202	16.672	16.672	(0.894)	103898	5.00000	5.490
$	66 Terphenyl-d14	244	17.029	17.029	(0.913)	65240	5.00000	5.347
	67 Butylbenzylphthalate	149	17.937	17.937	(0.962)	41034	5.00000	5.369
	68 Benzo(a)anthracene	228	18.621	18.621	(0.999)	89063	5.00000	5.282
*	69 Chrysene-d12	240	18.648	18.648	(1.000)	228455	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.664	18.664	(1.001)	34073	5.00000	5.512
	71 Chrysene	228	18.680	18.680	(1.002)	84644	5.00000	5.243
	72 bis(2-Ethylhexyl)phthalate	149	18.958	18.958	(0.953)	54710	5.00000	5.567
*	134 Di-n-octylphthalate-d4	153	19.887	19.887	(1.000)	316858	20.0000	
	73 Di-n-octylphthalate	149	19.898	19.898	(1.001)	93416	5.00000	5.469

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	74 Benzo(b)fluoranthene	252	20.261	20.261	(0.975)	82142	5.00000	4.865
	75 Benzo(k)fluoranthene	252	20.293	20.293	(0.977)	104406	5.00000	6.020(M)
	76 Benzo(a)pyrene	252	20.693	20.693	(0.996)	80762	5.00000	5.284
*	77 Perylene-d12	264	20.779	20.779	(1.000)	233018	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	22.119	22.119	(1.065)	104515	5.00000	5.129
	79 Dibenzo(a,h)anthracene	278	22.151	22.151	(1.066)	81021	5.00000	5.237
	80 Benzo(g,h,i)perylene	276	22.419	22.419	(1.079)	91851	5.00000	5.158
	90 N-Nitrosodimethylamine	74	2.197	2.197	(0.308)	33923	5.00000	5.413
	103 Pyridine	79	2.192	2.192	(0.308)	56023	5.00000	5.212
	91 Aniline	93	6.684	6.684	(0.938)	83027	5.00000	5.535
	105 1-methylnaphthalene	141	10.508	10.508	(1.144)	56989	5.00000	5.450
	93 Benzidine	184	16.613	16.613	(0.891)	49229	5.00000	5.676
	111 Azobenzene (1,2-DP-Hydrazine)	77	13.189	13.189	(1.096)	106787	5.00000	5.542
	143 1,4-Dioxane	88	1.749	1.749	(0.245)	22161	5.00000	5.248
$	137 d8-1,4-Dioxane	96	1.717	1.717	(0.241)	22930	5.00000	5.095
	144 alpha-Terpineol	59	9.279	9.279	(1.010)	32604	5.00000	5.376
	98 Retene	219	17.259	17.259	(0.926)	32596	5.00000	5.290
	133 Butylatedhydroxytoluene	205	12.260	12.260	(1.019)	56062	5.00000	5.361
	115 Tributyl Phosphate	99	13.301	13.301	(0.925)	93222	5.00000	5.488
	116 Dibutyl Phenyl Phosphate	175	15.000	15.000	(1.043)	47123	5.00000	5.336
	117 Butyl Diphenyl Phosphate	94	16.661	16.661	(0.893)	22449	5.00000	5.623
	118 Triphenyl Phosphate	326	18.231	18.231	(0.978)	13663	5.00000	5.337
	123 Acetophenone	105	7.853	7.853	(1.102)	60600	5.00000	5.601
	179 n-Decane	57	7.010	7.010	(0.984)	49957	5.00000	5.436
	180 n-Octadecane	57	14.396	14.396	(1.001)	49642	5.00000	5.421
	168 Pentachlorobenzene	250	12.388	12.388	(1.030)	26095	5.00000	5.424
	113 Diphenyl Oxide	170	11.325	11.325	(0.941)	43298	5.00000	5.283
	112 Biphenyl	154	11.127	11.127	(0.925)	90207	5.00000	5.539

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: 0050611a.d
Lab Smp Id: ABN 5
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611.b/SW846.m
Misc Info:

Calibration Date: 11-JUN-2009
Calibration Time: 10:27

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	98908	-11.99
27 Naphthalene-d8	384492	192246	768984	337167	-12.31
42 Acenaphthene-d10	217478	108739	434956	181326	-16.62
59 Phenanthrene-d10	336594	168297	673188	284076	-15.60
69 Chrysene-d12	247160	123580	494320	228455	-7.57
134 Di-n-octylphthala	347036	173518	694072	316858	-8.70
77 Perylene-d12	232938	116469	465876	233018	0.03

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.13	-0.11
27 Naphthalene-d8	9.19	8.69	9.69	9.19	-0.03
42 Acenaphthene-d10	12.03	11.53	12.53	12.03	-0.02
59 Phenanthrene-d10	14.38	13.88	14.88	14.37	-0.05
69 Chrysene-d12	18.66	18.16	19.16	18.65	-0.04
134 Di-n-octylphthala	19.89	19.39	20.39	19.89	-0.01
77 Perylene-d12	20.78	20.28	21.28	20.78	-0.01

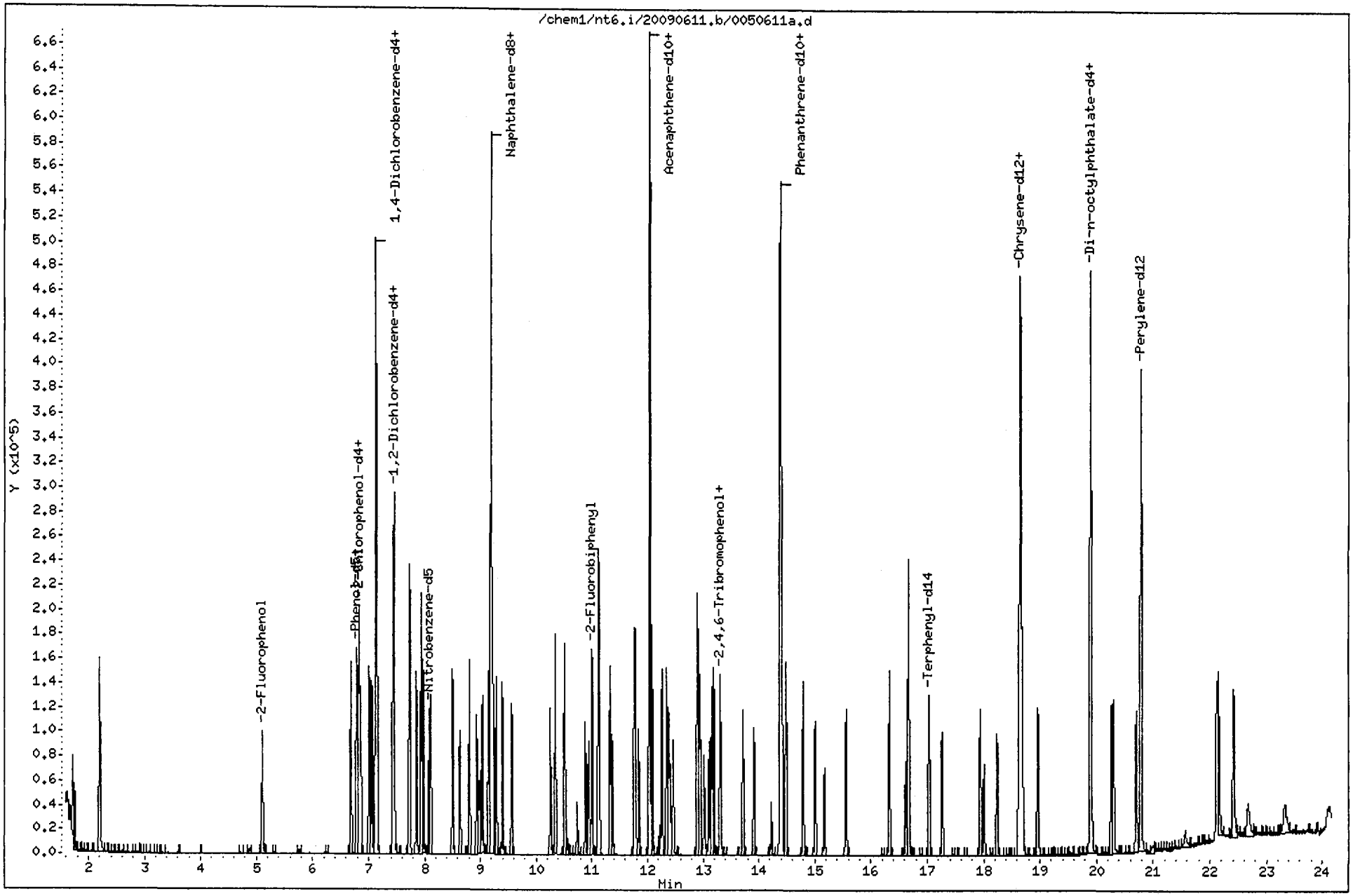
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20090611.b/0050611a.d
Date : 11-JUN-2009 14:21
Client ID:
Sample Info: ABN 5

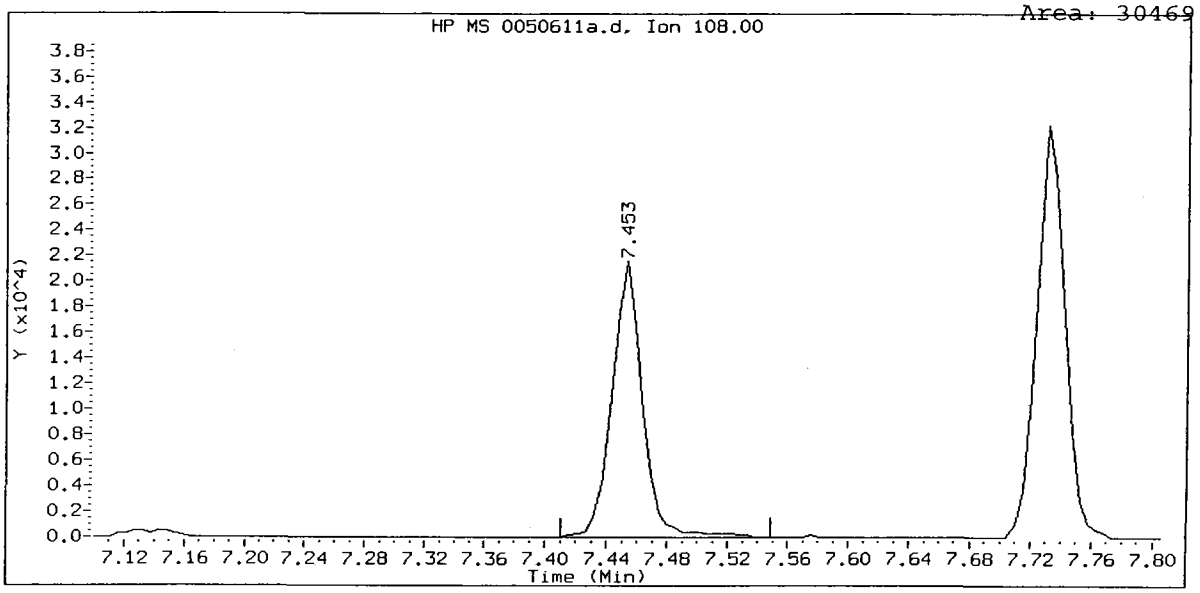
Column phase: ZB-5

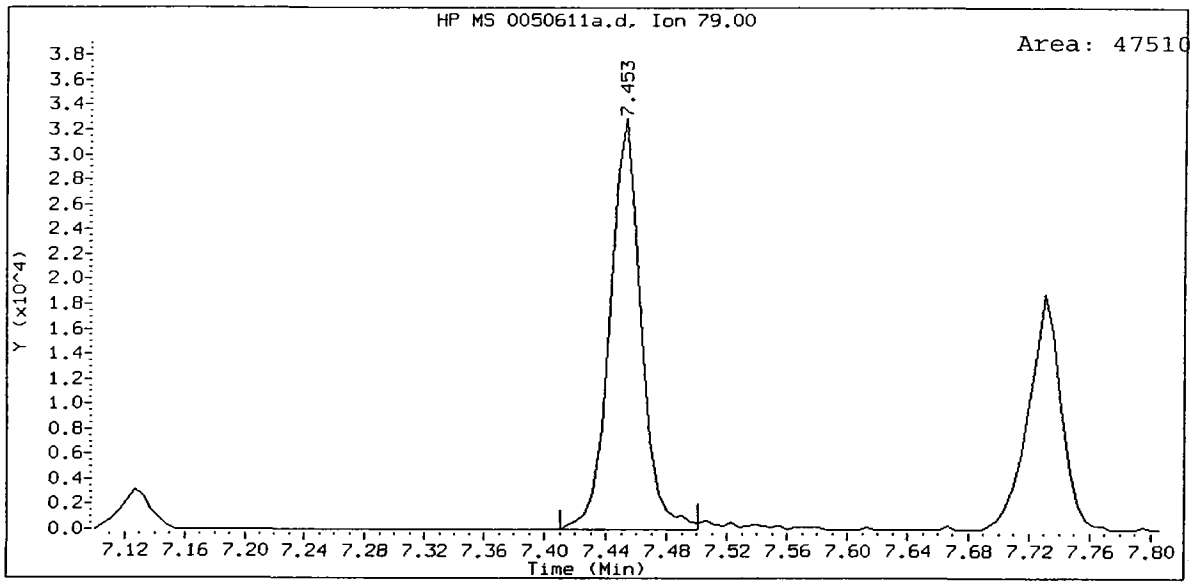
Instrument: nt6.i

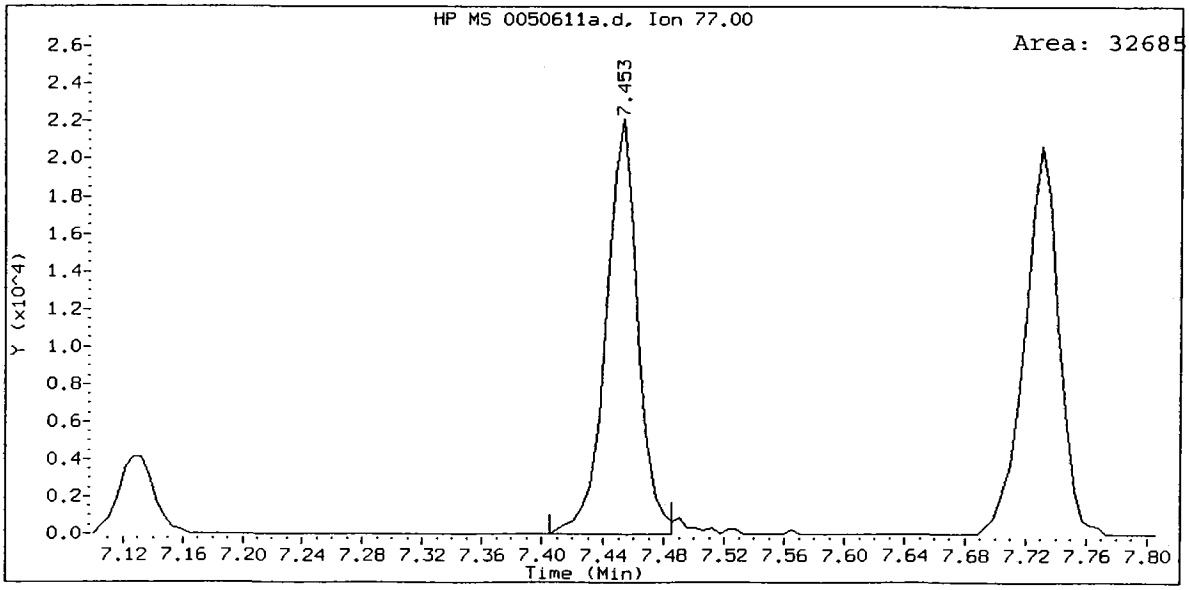
Operator: LJR/VTS
Column diameter: 0.32



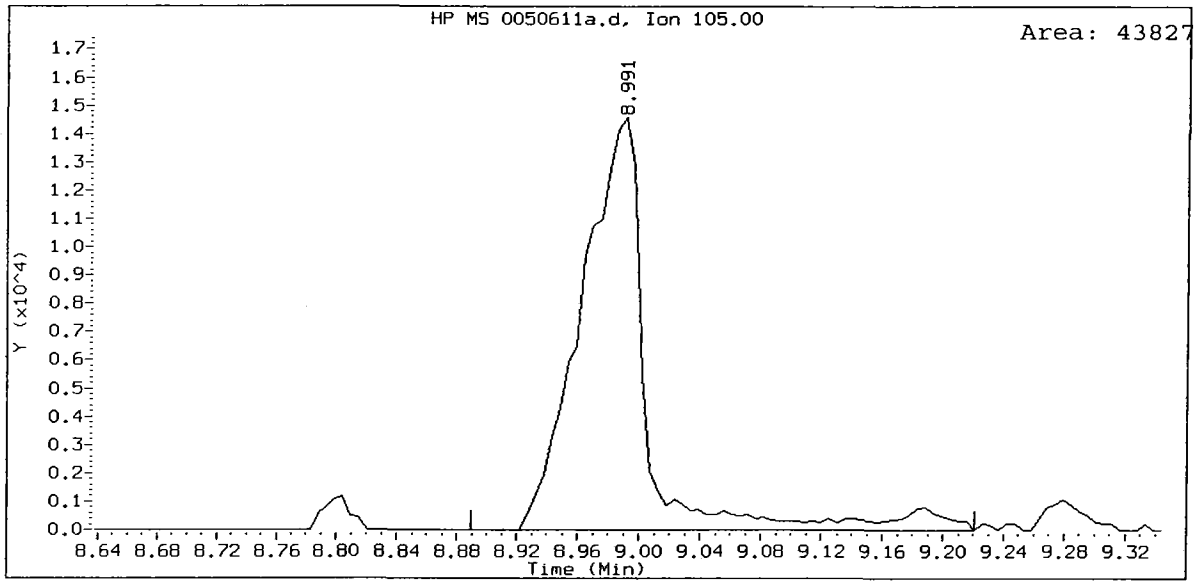
ABN 5, /chem1/nt6.i/20090611.b/0050611a.d
Benzyl alcohol Amount: 5.50

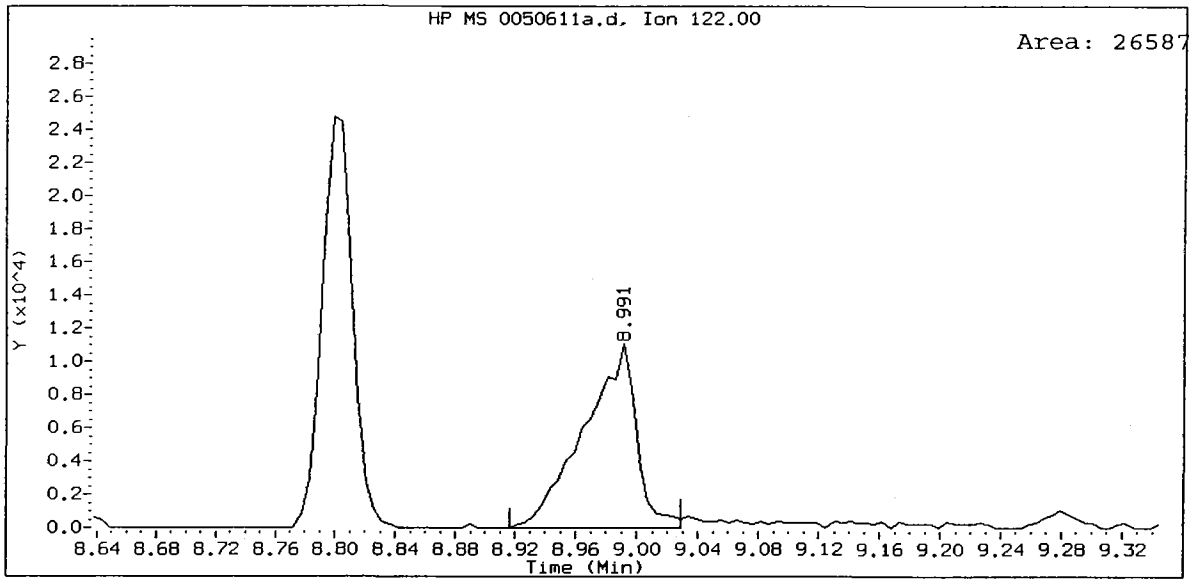


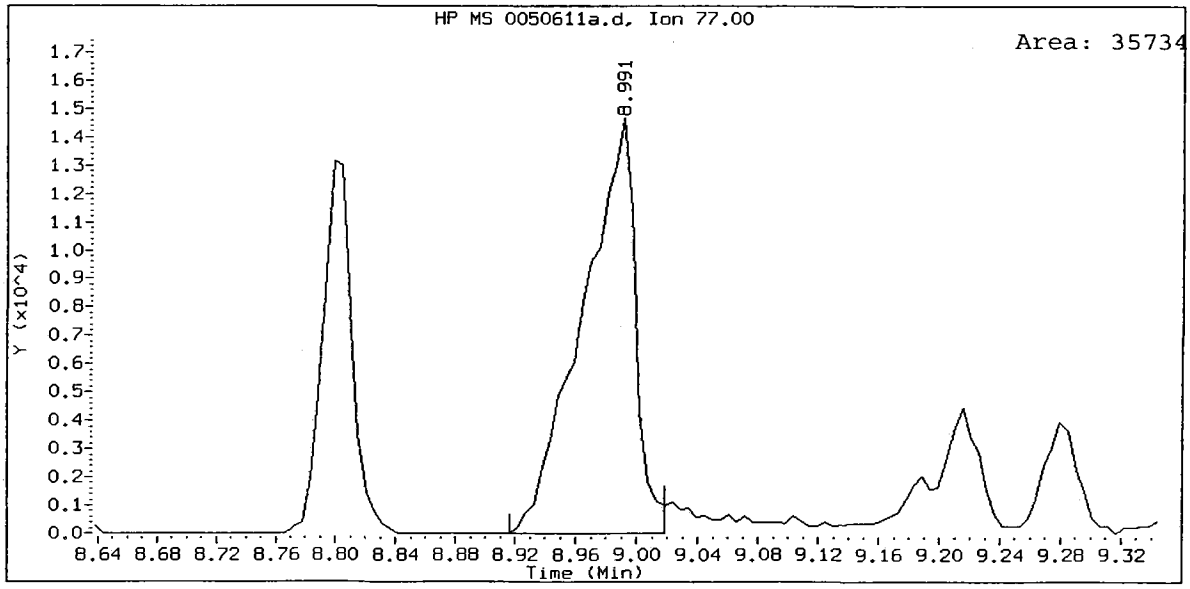




ABN 5, /chem1/nt6.i/20090611.b/0050611a.d
Benzoic acid Amount: 8.18







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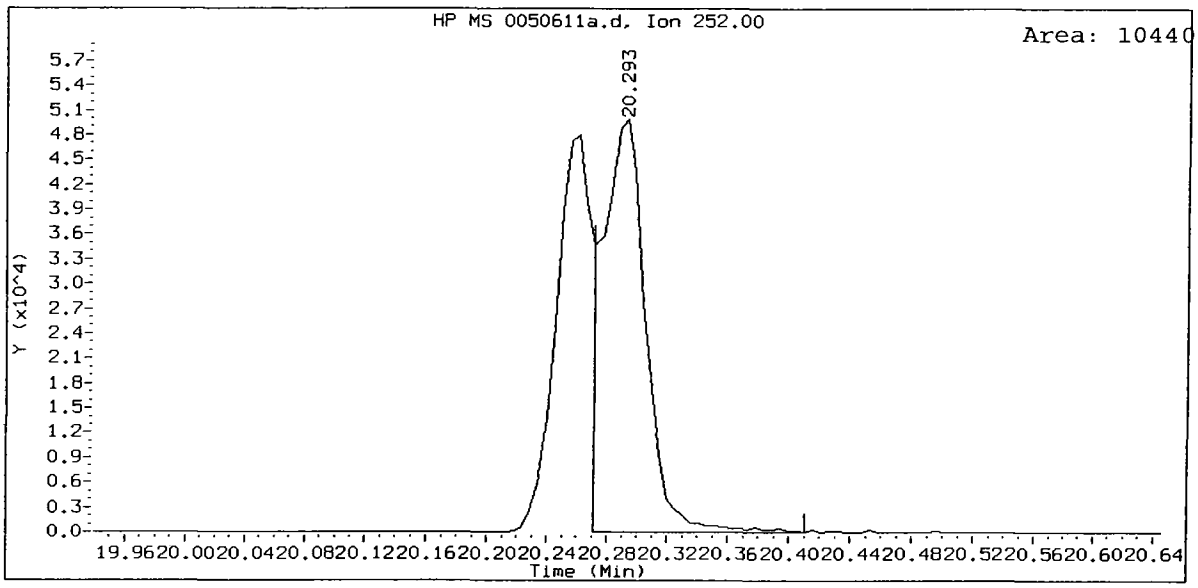
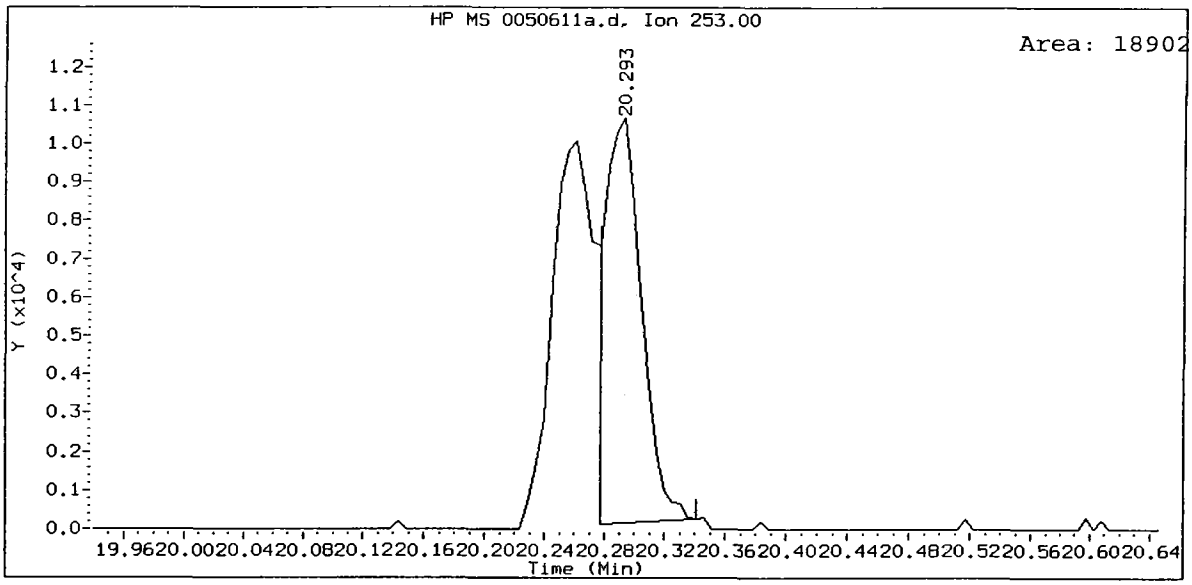
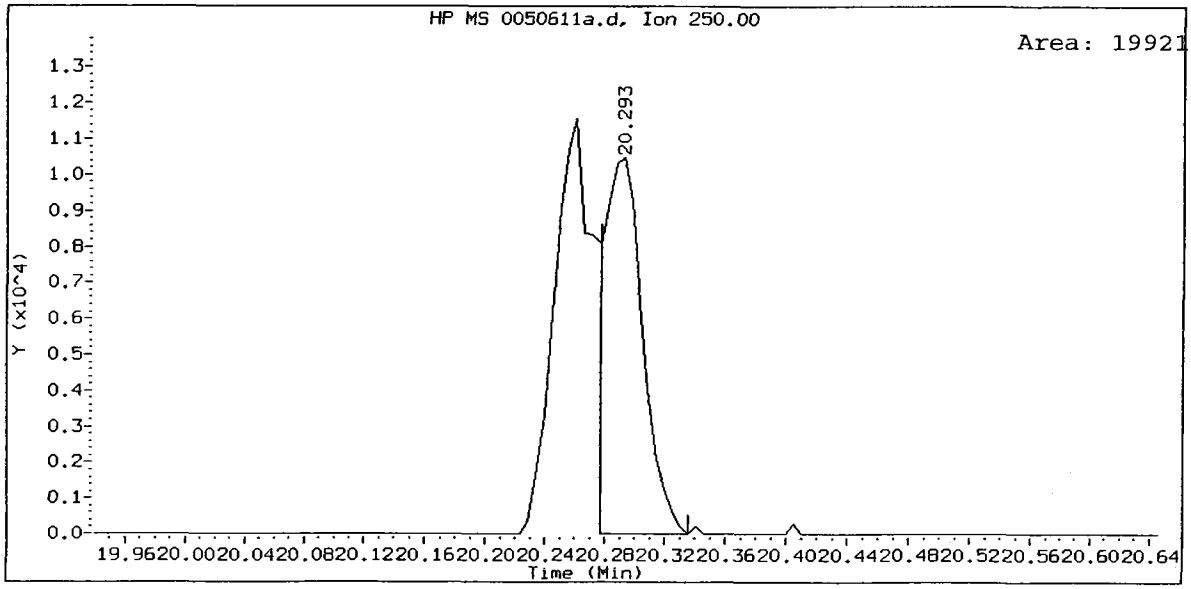
Benzo(k)fluoranthene Amount: 6.02







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611.b/0100611.d
Lab Smp Id: ABN 10
Inj Date : 11-JUN-2009 13:15
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 10
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611.b/SW846.m
Meth Date : 11-Jun-2009 16:21 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.105	5.103	(0.716)	82516	10.0000	10.31
$	2 Phenol-d5	99	6.783	6.780	(0.951)	108785	10.0000	10.13
	3 Phenol	94	6.799	6.796	(0.954)	123945	10.0000	10.68
$	5 2-Chlorophenol-d4	132	6.831	6.833	(0.958)	66372	10.0000	10.14
	4 Bis(2-Chloroethyl)ether	93	6.831	6.828	(0.958)	90699	10.0000	10.36
	6 2-Chlorophenol	128	6.857	6.855	(0.962)	78575	10.0000	10.72
	7 1,3-Dichlorobenzene	146	7.060	7.063	(0.990)	82544	10.0000	10.35
*	8 1,4-Dichlorobenzene-d4	152	7.130	7.127	(1.000)	97036	20.0000	
	9 1,4-Dichlorobenzene	146	7.156	7.154	(1.004)	82754	10.0000	10.36
$	10 1,2-Dichlorobenzene-d4	152	7.429	7.426	(1.042)	47985	10.0000	9.931
	12 1,2-Dichlorobenzene	146	7.450	7.448	(1.045)	82313	10.0000	10.49
	11 Benzyl alcohol	108	7.455	7.453	(1.046)	55803	10.0000	10.27
	14 2,2'-oxybis(1-Chloropropane)	45	7.723	7.720	(1.083)	112071	10.0000	10.33
	13 2-Methylphenol	108	7.733	7.731	(1.085)	81339	10.0000	10.70(H)
	17 Hexachloroethane	117	7.942	7.939	(1.114)	38911	10.0000	10.53
	16 N-Nitroso-di-n-propylamine	70	7.936	7.934	(1.113)	74593	10.0000	10.36
	15 4-Methylphenol	108	7.974	7.971	(1.118)	81560	10.0000	10.50
$	18 Nitrobenzene-d5	82	8.080	8.078	(0.879)	103023	10.0000	10.43
	19 Nitrobenzene	77	8.107	8.104	(0.882)	110097	10.0000	10.74
	20 Isophorone	82	8.502	8.500	(0.925)	184046	10.0000	10.73
	21 2-Nitrophenol	139	8.631	8.633	(0.939)	38116	10.0000	10.20
	22 2,4-Dimethylphenol	107	8.801	8.799	(0.958)	87914	10.0000	10.75
	23 Bis(2-Chloroethoxy)methane	93	8.930	8.927	(0.972)	98569	10.0000	10.43
	24 Benzoic acid	105	9.031	8.991	(0.983)	97876	20.0000	19.16(M)
	25 2,4-Dichlorophenol	162	9.036	9.034	(0.983)	56460	10.0000	10.60
	26 1,2,4-Trichlorobenzene	180	9.143	9.141	(0.995)	65925	10.0000	10.20
*	27 Naphthalene-d8	136	9.191	9.189	(1.000)	321647	20.0000	

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/mL)	ON-COL (ug/mL)
	28 Naphthalene	128	9.218	9.215	(1.003)	202077	10.0000	10.57
	29 4-Chloroaniline	127	9.394	9.392	(1.022)	84923	10.0000	10.30
	30 Hexachlorobutadiene	225	9.560	9.557	(1.040)	36930	10.0000	10.21
	31 4-Chloro-3-methylphenol	107	10.254	10.252	(1.116)	67446	10.0000	10.00
	32 2-Methylnaphthalene	141	10.345	10.342	(1.126)	107934	10.0000	10.36
	33 Hexachlorocyclopentadiene	237	10.730	10.732	(0.892)	22217	10.0000	6.657
	34 2,4,6-Trichlorophenol	196	10.879	10.876	(0.904)	38134	10.0000	10.16
	35 2,4,5-Trichlorophenol	196	10.938	10.941	(0.909)	38061	10.0000	9.898
$	36 2-Fluorobiphenyl	172	11.002	10.999	(0.914)	133593	10.0000	10.23
	37 2-Chloronaphthalene	162	11.114	11.111	(0.924)	119568	10.0000	10.22
	38 2-Nitroaniline	65	11.365	11.363	(0.944)	48503	10.0000	9.964
	39 Dimethylphthalate	163	11.760	11.758	(0.977)	134046	10.0000	10.45
	40 Acenaphthylene	152	11.776	11.779	(0.979)	181231	10.0000	10.37
	41 2,6-Dinitrotoluene	165	11.841	11.843	(0.984)	27772	10.0000	9.959
*	42 Acenaphthene-d10	164	12.033	12.030	(1.000)	175814	20.0000	
	43 3-Nitroaniline	138	12.038	12.035	(1.000)	31527	10.0000	9.902
	44 Acenaphthene	153	12.081	12.078	(1.004)	116594	10.0000	10.57
	45 2,4-Dinitrophenol	184	12.214	12.212	(1.015)	14966	20.0000	20.04
	46 Dibenzofuran	168	12.343	12.340	(1.026)	163582	10.0000	10.27
	47 4-Nitrophenol	109	12.412	12.409	(1.032)	19816	10.0000	9.760
	48 2,4-Dinitrotoluene	165	12.460	12.457	(1.036)	36084	10.0000	9.979
	50 Diethylphthalate	149	12.914	12.911	(1.073)	121477	10.0000	10.41
	49 Fluorene	166	12.893	12.890	(1.071)	134409	10.0000	10.31
	51 4-Chlorophenyl-phenylether	204	12.946	12.943	(1.076)	66060	10.0000	10.27
	52 4-Nitroaniline	138	13.021	13.018	(1.082)	29056	10.0000	10.27
	53 4,6-Dinitro-2-methylphenol	198	13.106	13.104	(0.912)	38911	20.0000	18.86
	54 N-Nitrosodiphenylamine	169	13.154	13.152	(0.915)	89848	10.0000	10.51
$	55 2,4,6-Tribromophenol	330	13.315	13.317	(1.107)	15792	10.0000	9.420
	56 4-Bromophenyl-phenylether	248	13.715	13.713	(0.954)	35910	10.0000	10.31
	57 Hexachlorobenzene	284	13.908	13.910	(0.967)	35798	10.0000	10.07
	58 Pentachlorophenol	266	14.223	14.220	(0.989)	14513	10.0000	8.937
*	59 Phenanthrene-d10	188	14.378	14.375	(1.000)	273945	20.0000	
	60 Phenanthrene	178	14.410	14.412	(1.002)	183673	10.0000	10.56
	61 Anthracene	178	14.484	14.482	(1.007)	185734	10.0000	10.54
	62 Carbazole	167	14.789	14.786	(1.029)	152296	10.0000	10.51
	63 Di-n-butylphthalate	149	15.553	15.550	(1.082)	184194	10.0000	10.63
	64 Fluoranthene	202	16.327	16.330	(1.136)	189590	10.0000	10.68
	65 Pyrene	202	16.669	16.672	(0.894)	192156	10.0000	10.30
$	66 Terphenyl-d14	244	17.032	17.029	(0.913)	120602	10.0000	10.03
	67 Butylbenzylphthalate	149	17.940	17.937	(0.962)	79397	10.0000	10.54
	68 Benzo(a)anthracene	228	18.624	18.621	(0.999)	173493	10.0000	10.44
*	69 Chrysene-d12	240	18.645	18.648	(1.000)	225200	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.666	18.664	(1.001)	63386	10.0000	10.40
	71 Chrysene	228	18.682	18.680	(1.002)	162803	10.0000	10.23
	72 bis(2-Ethylhexyl)phthalate	149	18.955	18.958	(0.953)	106311	10.0000	10.63
*	134 Di-n-octylphthalate-d4	153	19.890	19.887	(1.000)	322577	20.0000	
	73 Di-n-octylphthalate	149	19.895	19.898	(1.000)	182918	10.0000	10.52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	20.258	20.261	(0.975)	192540	10.0000	10.94
75	Benzo(k)fluoranthene	252	20.295	20.293	(0.977)	178729	10.0000	9.883
76	Benzo(a)pyrene	252	20.696	20.693	(0.996)	164636	10.0000	10.33
* 77	Perylene-d12	264	20.781	20.779	(1.000)	242978	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.122	22.119	(1.064)	209945	10.0000	9.881
79	Dibenzo(a,h)anthracene	278	22.154	22.151	(1.066)	166051	10.0000	10.29
80	Benzo(g,h,i)perylene	276	22.421	22.419	(1.079)	188889	10.0000	10.17
90	N-Nitrosodimethylamine	74	2.200	2.197	(0.309)	64367	10.0000	10.47
103	Pyridine	79	2.189	2.192	(0.307)	108120	10.0000	10.25
91	Aniline	93	6.686	6.684	(0.938)	152333	10.0000	10.35
105	1-methylnaphthalene	141	10.511	10.508	(1.144)	103720	10.0000	10.40
93	Benzidine	184	16.610	16.613	(0.891)	93183	10.0000	10.90
111	Azobenzene (1,2-DP-Hydrazine)	77	13.186	13.189	(1.096)	197142	10.0000	10.55
143	1,4-Dioxane	88	1.746	1.749	(0.245)	41989	10.0000	10.14
$ 137	d8-1,4-Dioxane	96	1.714	1.717	(0.240)	42052	10.0000	9.525
144	alpha-Terpineol	59	9.282	9.279	(1.010)	60059	10.0000	10.38
98	Retene	219	17.262	17.259	(0.926)	63173	10.0000	10.40
133	Butylatedhydroxytoluene	205	12.257	12.260	(1.019)	104851	10.0000	10.34
115	Tributyl Phosphate	99	13.304	13.301	(0.925)	173073	10.0000	10.57
116	Dibutyl Phenyl Phosphate	175	15.002	15.000	(1.043)	88681	10.0000	10.41
117	Butyl Diphenyl Phosphate	94	16.658	16.661	(0.893)	40693	10.0000	10.34
118	Triphenyl Phosphate	326	18.239	18.231	(0.978)	26086	10.0000	10.34
123	Acetophenone	105	7.856	7.853	(1.102)	112966	10.0000	10.64
179	n-Decane	57	7.012	7.010	(0.984)	93975	10.0000	10.42
180	n-Octadecane	57	14.399	14.396	(1.001)	93482	10.0000	10.59
168	Pentachlorobenzene	250	12.391	12.388	(1.030)	47299	10.0000	10.14
113	Diphenyl Oxide	170	11.328	11.325	(0.941)	80547	10.0000	10.14
112	Biphenyl	154	11.130	11.127	(0.925)	163279	10.0000	10.34

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: 0100611.d
Lab Smp Id: ABN 10
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611.b/SW846.m
Misc Info:

Calibration Date: 11-JUN-2009
Calibration Time: 10:27

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	97036	-13.66
27 Naphthalene-d8	384492	192246	768984	321647	-16.34
42 Acenaphthene-d10	217478	108739	434956	175814	-19.16
59 Phenanthrene-d10	336594	168297	673188	273945	-18.61
69 Chrysene-d12	247160	123580	494320	225200	-8.88
134 Di-n-octylphthala	347036	173518	694072	322577	-7.05
77 Perylene-d12	232938	116469	465876	242978	4.31

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.13	-0.07
27 Naphthalene-d8	9.19	8.69	9.69	9.19	0.00
42 Acenaphthene-d10	12.03	11.53	12.53	12.03	0.00
59 Phenanthrene-d10	14.38	13.88	14.88	14.38	-0.04
69 Chrysene-d12	18.66	18.16	19.16	18.65	-0.06
134 Di-n-octylphthala	19.89	19.39	20.39	19.89	0.00
77 Perylene-d12	20.78	20.28	21.28	20.78	0.00

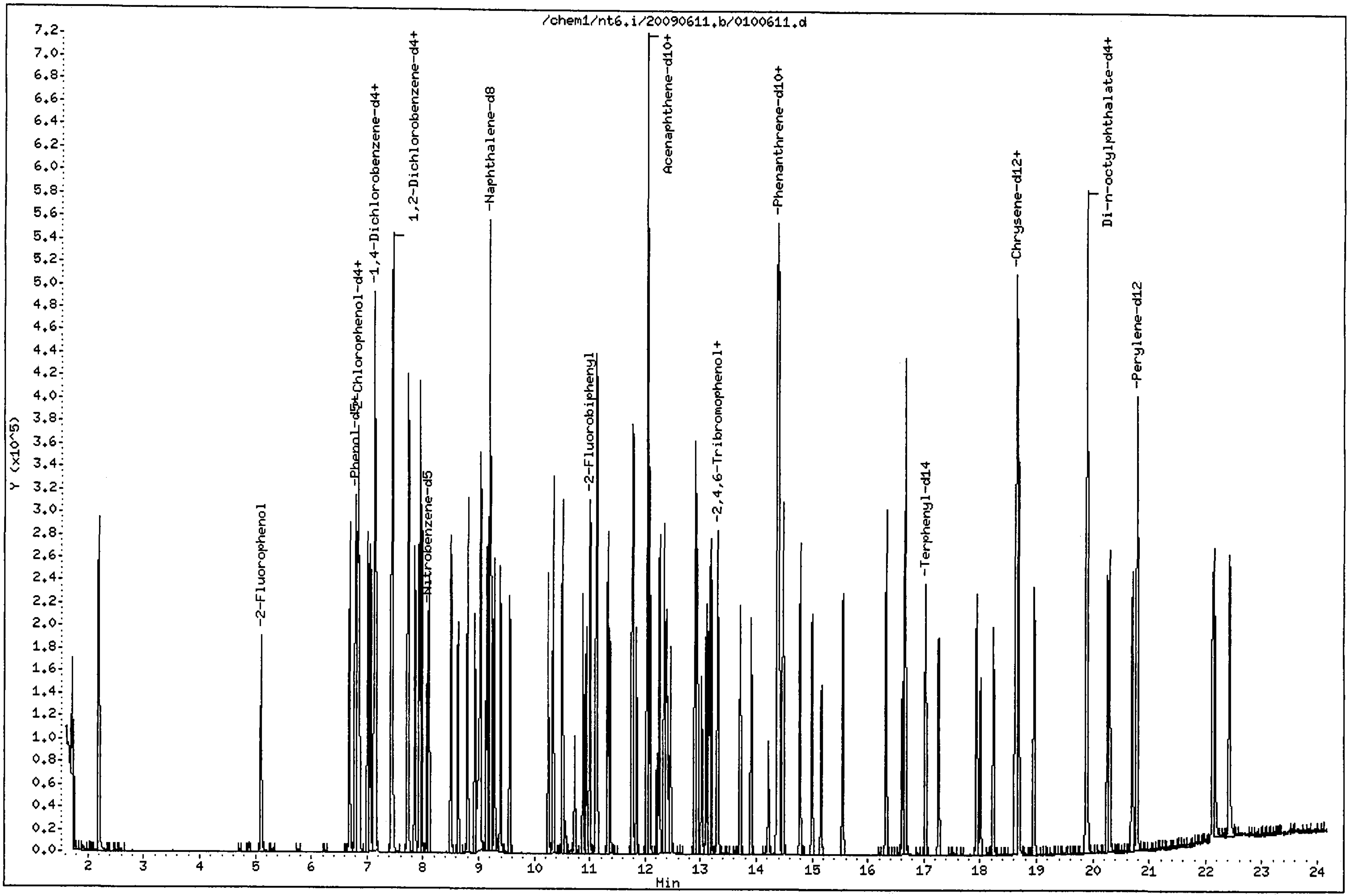
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20090611.b/0100611.d
Date : 11-JUN-2009 13:15
Client ID:
Sample Info: ABN 10

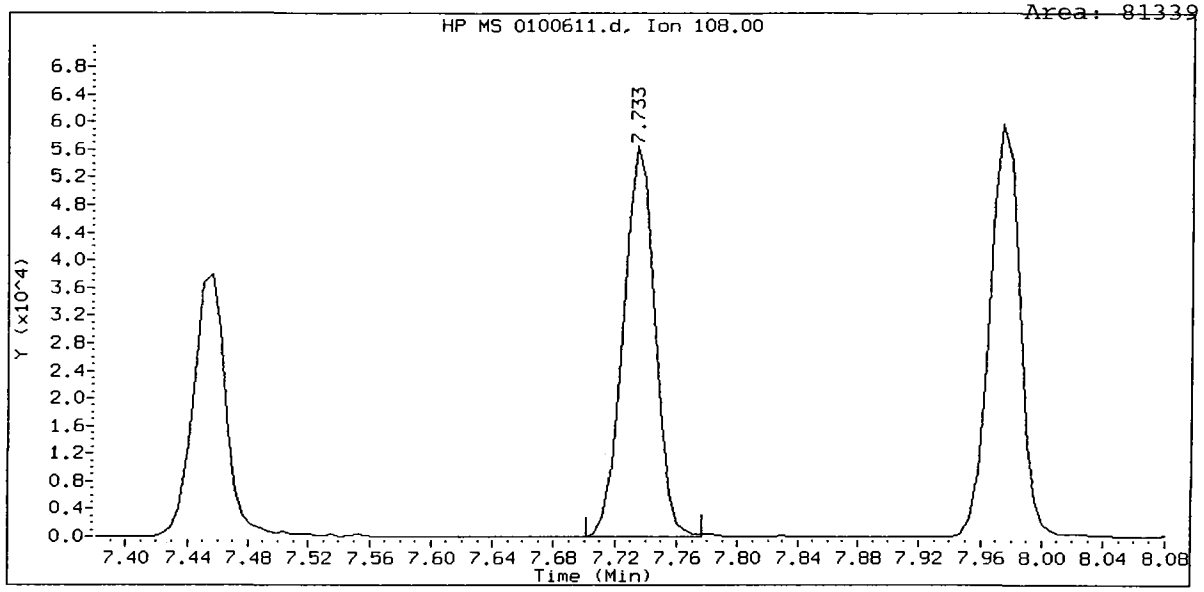
Column phase: ZB-5

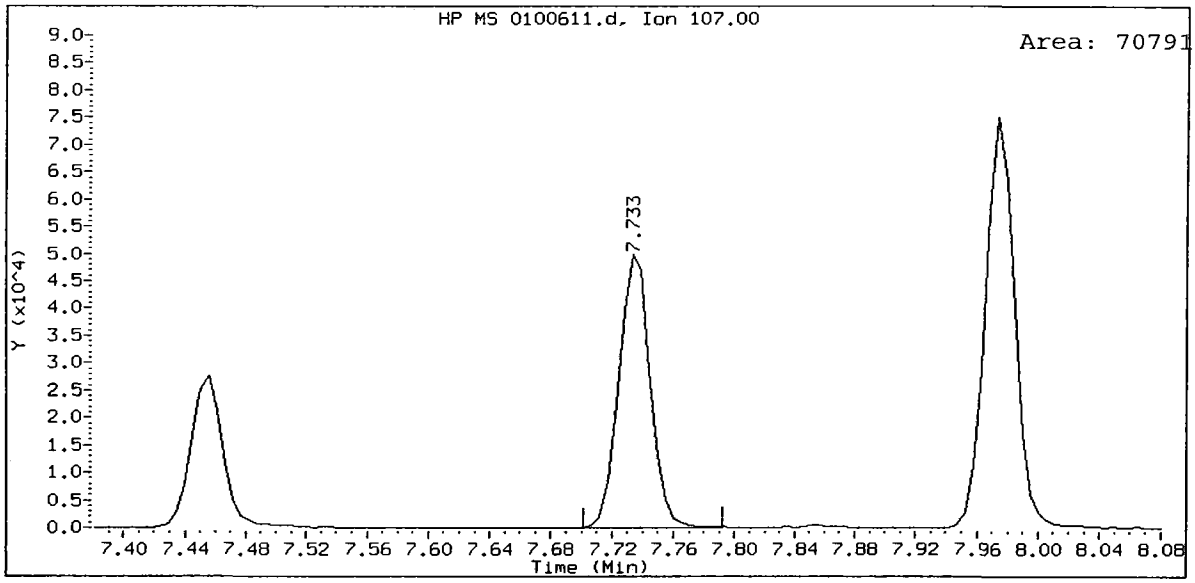
Instrument: nt6.i

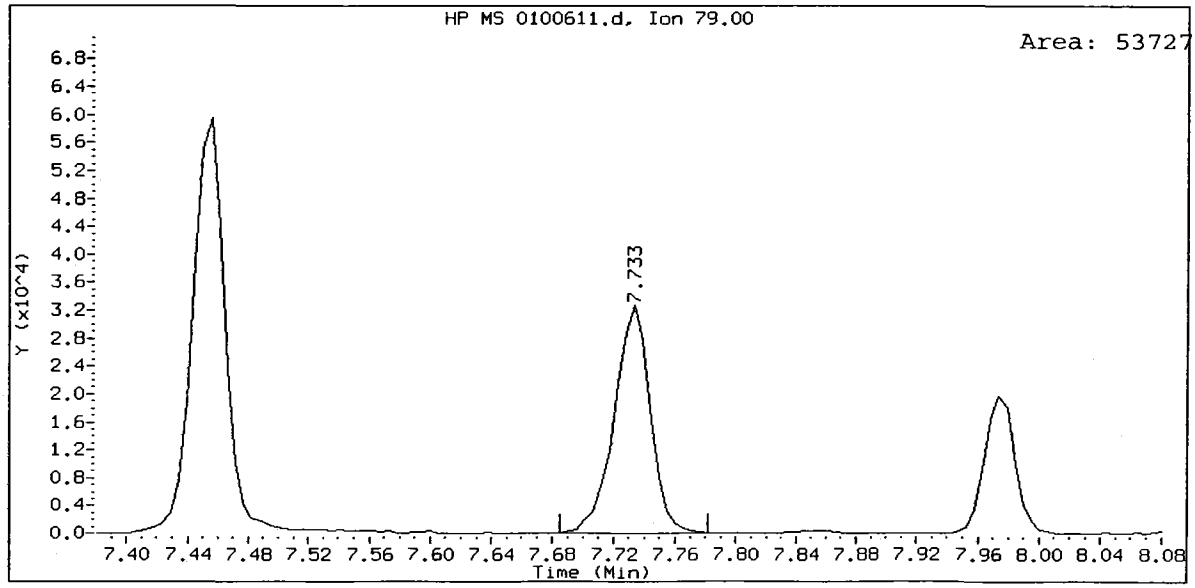
Operator: LJR/VTS
Column diameter: 0.32



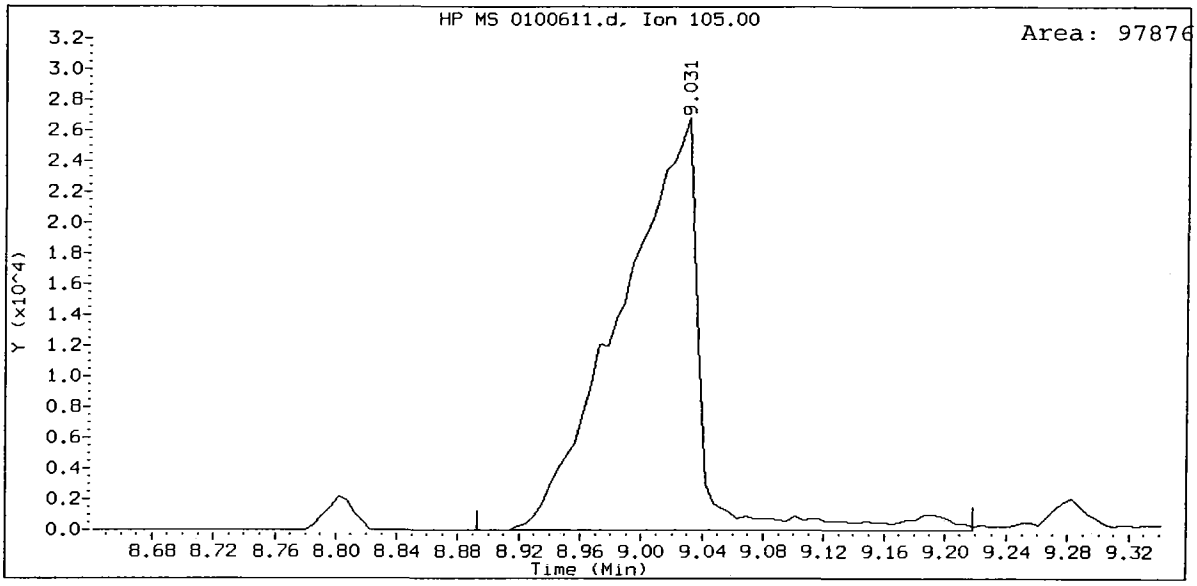
ABN 10, /chem1/nt6.i/20090611.b/0100611.d
2-Methylphenol Amount: 10.70

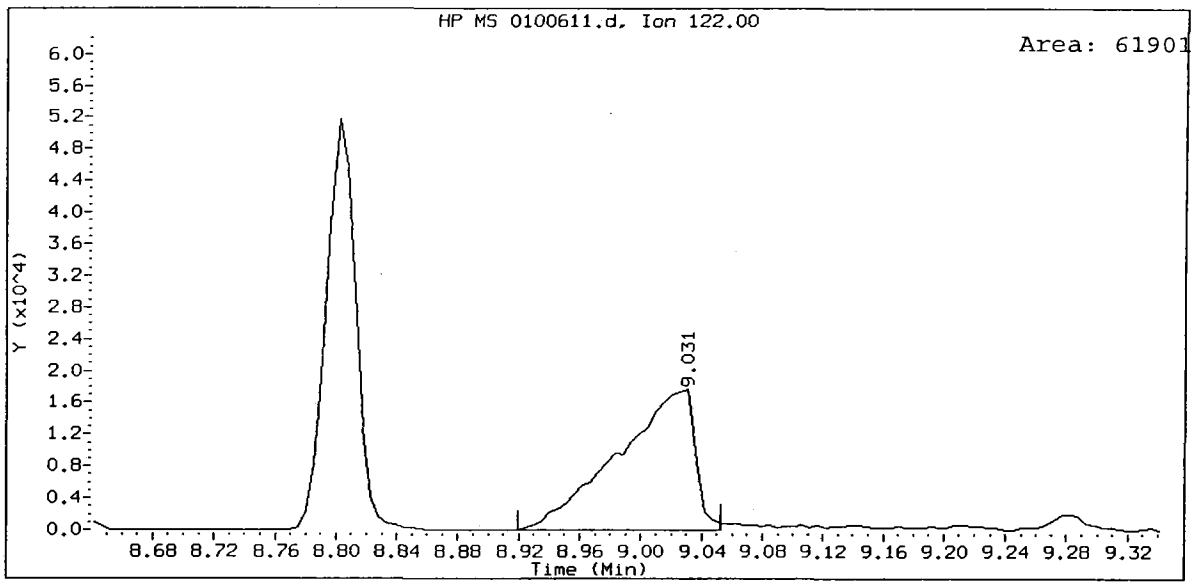


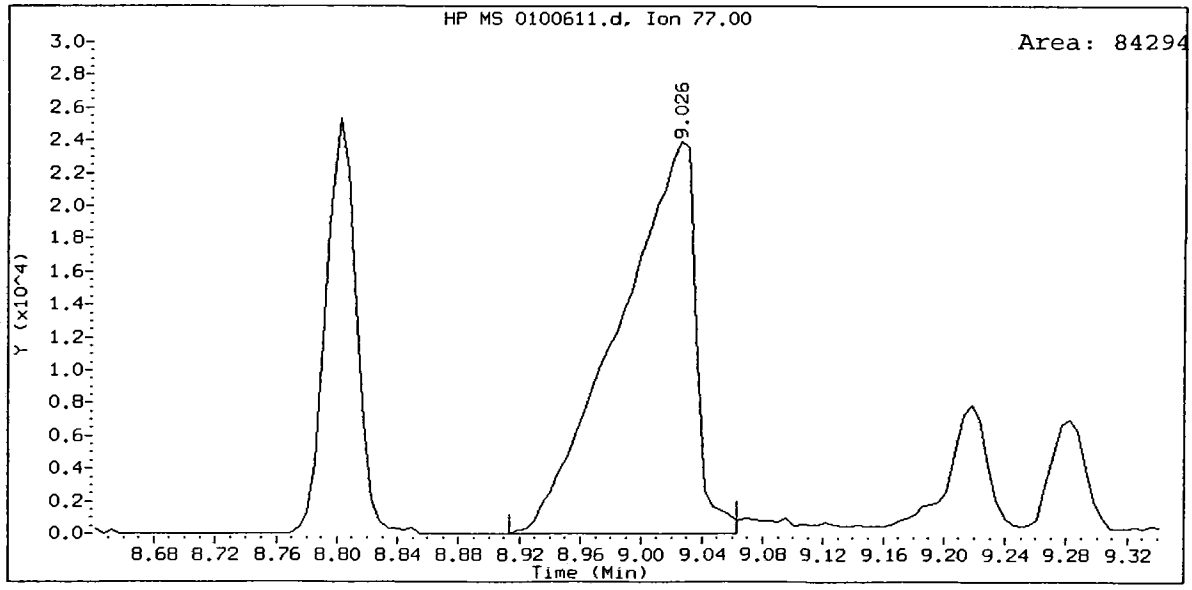




ABN 10, /chem1/nt6.i/20090611.b/0100611.d
Benzoic acid Amount: 19.16







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611.b/0250611.d
Lab Smp Id: ABN 25
Inj Date : 11-JUN-2009 10:27
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611.b/SW846.m
Meth Date : 11-Jun-2009 16:21 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

LJR 6/11/09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.105	5.103	(0.687)	230657	25.0000	24.89 (M)
$	2 Phenol-d5	99	6.788	6.780	(0.913)	315441	25.0000	25.35
	3 Phenol	94	6.809	6.796	(0.916)	335041	25.0000	24.93
$	5 2-Chlorophenol-d4	132	6.836	6.833	(0.920)	187866	25.0000	24.78
	4 Bis(2-Chloroethyl)ether	93	6.836	6.828	(0.920)	251860	25.0000	24.83
	6 2-Chlorophenol	128	6.863	6.855	(0.923)	209087	25.0000	24.63
	7 1,3-Dichlorobenzene	146	7.065	7.063	(0.950)	227028	25.0000	24.57 (H)
*	8 1,4-Dichlorobenzene-d4	152	7.135	7.127	(1.000)	112389	20.0000	(H)
	9 1,4-Dichlorobenzene	146	7.156	7.154	(0.963)	229732	25.0000	24.82 (H)
$	10 1,2-Dichlorobenzene-d4	152	7.434	7.426	(1.000)	138749	25.0000	24.79
	12 1,2-Dichlorobenzene	146	7.450	7.448	(1.002)	219866	25.0000	24.20
	11 Benzyl alcohol	108	7.461	7.453	(1.046)	162860	25.0000	25.89 (MH)
	14 2,2'-oxybis(1-Chloropropane)	45	7.722	7.720	(1.039)	315832	25.0000	25.13
	13 2-Methylphenol	108	7.738	7.731	(1.041)	222835	25.0000	25.32 (H)
	17 Hexachloroethane	117	7.941	7.939	(1.068)	106520	25.0000	24.90
	16 N-Nitroso-di-n-propylamine	70	7.947	7.934	(1.069)	209303	25.0000	25.09
	15 4-Methylphenol	108	7.979	7.971	(1.073)	227201	25.0000	25.26
$	18 Nitrobenzene-d5	82	8.086	8.078	(0.871)	284248	25.0000	24.07
	19 Nitrobenzene	77	8.118	8.104	(0.874)	292578	25.0000	23.87
	20 Isophorone	82	8.513	8.500	(0.917)	497564	25.0000	24.27
	21 2-Nitrophenol	139	8.636	8.633	(0.930)	110806	25.0000	24.82
	22 2,4-Dimethylphenol	107	8.807	8.799	(0.948)	241217	25.0000	24.68
	23 Bis(2-Chloroethoxy)methane	93	8.935	8.927	(0.962)	281343	25.0000	24.91
	24 Benzoic acid	105	9.111	8.991	(0.981)	307295	50.0000	50.31 (M)
	25 2,4-Dichlorophenol	162	9.042	9.034	(0.974)	169609	25.0000	26.65
	26 1,2,4-Trichlorobenzene	180	9.143	9.141	(0.984)	189040	25.0000	24.46
*	27 Naphthalene-d8	136	9.191	9.189	(1.000)	384492	20.0000	(H)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
28	Naphthalene	128	9.223	9.215	(0.993)	552453	25.0000	24.17
29	4-Chloroaniline	127	9.400	9.392	(1.012)	247922	25.0000	25.16
30	Hexachlorobutadiene	225	9.560	9.557	(1.029)	107002	25.0000	24.75
31	4-Chloro-3-methylphenol	107	10.254	10.252	(1.104)	204195	25.0000	25.34
32	2-Methylnaphthalene	141	10.345	10.342	(1.114)	307932	25.0000	24.73(H)
33	Hexachlorocyclopentadiene	237	10.729	10.732	(0.892)	88728	25.0000	21.49
34	2,4,6-Trichlorophenol	196	10.884	10.876	(0.905)	112457	25.0000	24.23
35	2,4,5-Trichlorophenol	196	10.943	10.941	(0.909)	117286	25.0000	24.66
$ 36	2-Fluorobiphenyl	172	11.007	10.999	(0.915)	395522	25.0000	24.48
37	2-Chloronaphthalene	162	11.114	11.111	(0.924)	357664	25.0000	24.71
38	2-Nitroaniline	65	11.370	11.363	(0.945)	154285	25.0000	25.62
39	Dimethylphthalate	163	11.766	11.758	(0.978)	383403	25.0000	24.17
40	Acenaphthylene	152	11.782	11.779	(0.979)	542154	25.0000	25.08
41	2,6-Dinitrotoluene	165	11.846	11.843	(0.984)	85115	25.0000	24.68
* 42	Acenaphthene-d10	164	12.033	12.030	(1.000)	217478	20.0000	
43	3-Nitroaniline	138	12.049	12.035	(1.001)	96260	25.0000	24.44
44	Acenaphthene	153	12.086	12.078	(1.004)	324704	25.0000	23.80
45	2,4-Dinitrophenol	184	12.220	12.212	(1.016)	71172	50.0000	44.54
46	Dibenzofuran	168	12.348	12.340	(1.026)	479874	25.0000	24.35
47	4-Nitrophenol	109	12.423	12.409	(1.032)	63149	25.0000	25.15
48	2,4-Dinitrotoluene	165	12.465	12.457	(1.036)	109344	25.0000	24.44
50	Diethylphthalate	149	12.919	12.911	(1.074)	353718	25.0000	24.49
49	Fluorene	166	12.898	12.890	(1.072)	391835	25.0000	24.30
51	4-Chlorophenyl-phenylether	204	12.946	12.943	(1.076)	186098	25.0000	23.39
52	4-Nitroaniline	138	13.037	13.018	(1.083)	82794	25.0000	23.66
53	4,6-Dinitro-2-methylphenol	198	13.117	13.104	(0.912)	131848	50.0000	52.02
54	N-Nitrosodiphenylamine	169	13.160	13.152	(0.915)	260878	25.0000	24.84
$ 55	2,4,6-Tribromophenol	330	13.325	13.317	(1.107)	49050	25.0000	23.65
56	4-Bromophenyl-phenylether	248	13.715	13.713	(0.954)	110160	25.0000	25.73
57	Hexachlorobenzene	284	13.913	13.910	(0.967)	109844	25.0000	25.14
58	Pentachlorophenol	266	14.228	14.220	(0.989)	51132	25.0000	25.63
* 59	Phenanthrene-d10	188	14.383	14.375	(1.000)	336594	20.0000	
60	Phenanthrene	178	14.415	14.412	(1.002)	528524	25.0000	24.74
61	Anthracene	178	14.490	14.482	(1.007)	536064	25.0000	24.75
62	Carbazole	167	14.794	14.786	(1.029)	450059	25.0000	25.29
63	Di-n-butylphthalate	149	15.558	15.550	(1.082)	554982	25.0000	26.06
64	Fluoranthene	202	16.332	16.330	(1.136)	550436	25.0000	25.24
65	Pyrene	202	16.674	16.672	(0.894)	545974	25.0000	26.66
$ 66	Terphenyl-d14	244	17.032	17.029	(0.913)	340025	25.0000	25.76
67	Butylbenzylphthalate	149	17.940	17.937	(0.962)	220774	25.0000	26.70
68	Benzo(a)anthracene	228	18.629	18.621	(0.999)	472264	25.0000	25.89
* 69	Chrysene-d12	240	18.656	18.648	(1.000)	247160	20.0000	
70	3,3'-Dichlorobenzidine	252	18.672	18.664	(1.001)	157181	25.0000	23.50
71	Chrysene	228	18.693	18.680	(1.002)	446340	25.0000	25.55
72	bis(2-Ethylhexyl)phthalate	149	18.960	18.958	(0.953)	284294	25.0000	26.41
* 134	Di-n-octylphthalate-d4	153	19.889	19.887	(1.000)	347036	20.0000	
73	Di-n-octylphthalate	149	19.895	19.898	(1.000)	466898	25.0000	24.96

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	20.269	20.261	(0.975)	435409	25.0000	25.79
75	Benzo(k)fluoranthene	252	20.301	20.293	(0.977)	409316	25.0000	23.61
76	Benzo(a)pyrene	252	20.701	20.693	(0.996)	377567	25.0000	24.71
* 77	Perylene-d12	264	20.781	20.779	(1.000)	232938	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.133	22.119	(1.065)	510150	25.0000	25.04
79	Dibenzo(a,h)anthracene	278	22.159	22.151	(1.066)	379482	25.0000	24.54
80	Benzo(g,h,i)perylene	276	22.432	22.419	(1.079)	449475	25.0000	25.25
90	N-Nitrosodimethylamine	74	2.205	2.197	(0.297)	180132	25.0000	25.30
103	Pyridine	79	2.184	2.192	(0.294)	310161	25.0000	25.39
91	Aniline	93	6.692	6.684	(0.900)	426059	25.0000	25.00(H)
105	1-methylnaphthalene	141	10.510	10.508	(1.132)	291451	25.0000	24.44
93	Benzidine	184	16.615	16.613	(0.891)	234226	25.0000	24.96
111	Azobenzene (1,2-DP-Hydrazine)	77	13.192	13.189	(1.096)	573866	25.0000	24.83
143	1,4-Dioxane	88	1.746	1.749	(0.235)	121972	25.0000	25.42
$ 137	d8-1,4-Dioxane	96	1.714	1.717	(0.231)	135526	25.0000	26.50
144	alpha-Terpineol	59	9.287	9.279	(1.000)	171742	25.0000	24.83
98	Retene	219	17.262	17.259	(0.925)	173721	25.0000	26.06
133	Butylatedhydroxytoluene	205	12.257	12.260	(1.019)	307896	25.0000	24.55
115	Tributyl Phosphate	99	13.315	13.301	(0.926)	519669	25.0000	25.82
116	Dibutyl Phenyl Phosphate	175	15.008	15.000	(1.043)	272285	25.0000	26.02
117	Butyl Diphenyl Phosphate	94	16.663	16.661	(0.893)	118903	25.0000	27.53
118	Triphenyl Phosphate	326	18.244	18.231	(0.978)	69834	25.0000	25.21
123	Acetophenone	105	7.861	7.853	(1.057)	302203	25.0000	24.58
179	n-Decane	57	7.012	7.010	(0.943)	255008	25.0000	24.42
180	n-Octadecane	57	14.399	14.396	(1.001)	275048	25.0000	25.35
168	Pentachlorobenzene	250	12.391	12.388	(1.030)	136487	25.0000	23.65
113	Diphenyl Oxide	170	11.328	11.325	(0.941)	242664	25.0000	24.69
112	Biphenyl	154	11.130	11.127	(0.925)	482734	25.0000	24.72

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: 0250611.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611.b/SW846.m
Misc Info:

Calibration Date: 11-JUN-2009
Calibration Time: 10:27

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	112389	0.00
27 Naphthalene-d8	384492	192246	768984	384492	0.00
42 Acenaphthene-d10	217478	108739	434956	217478	0.00
59 Phenanthrene-d10	336594	168297	673188	336594	0.00
69 Chrysene-d12	247160	123580	494320	247160	0.00
134 Di-n-octylphthala	347036	173518	694072	347036	0.00
77 Perylene-d12	232938	116469	465876	232938	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.13	0.00
27 Naphthalene-d8	9.19	8.69	9.69	9.19	0.00
42 Acenaphthene-d10	12.03	11.53	12.53	12.03	0.00
59 Phenanthrene-d10	14.38	13.88	14.88	14.38	0.00
69 Chrysene-d12	18.66	18.16	19.16	18.66	0.00
134 Di-n-octylphthala	19.89	19.39	20.39	19.89	0.00
77 Perylene-d12	20.78	20.28	21.28	20.78	0.00

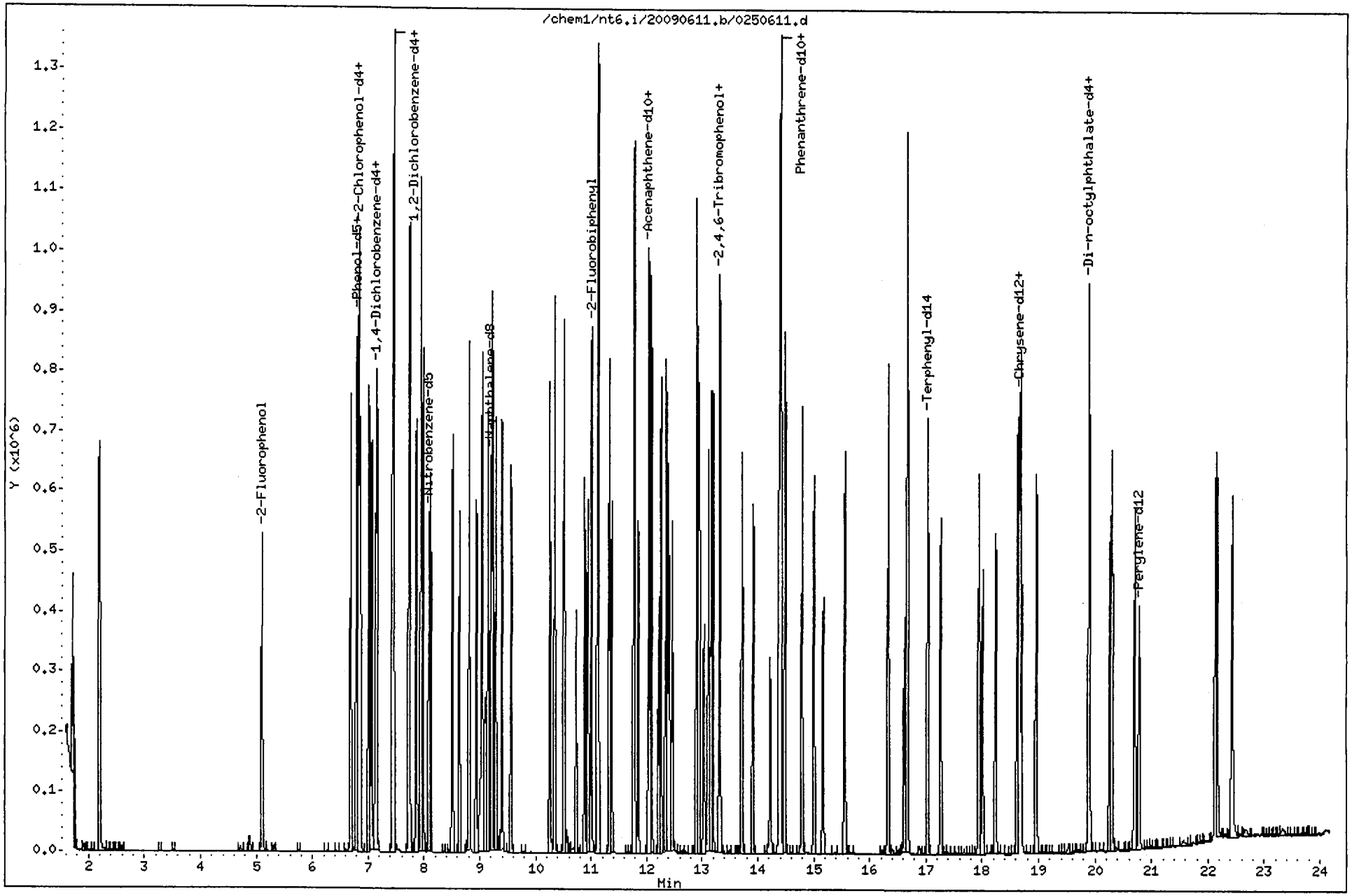
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20090611.b/0250611.d
Date : 11-JUN-2009 10:27
Client ID:
Sample Info: ABN 25

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32

Column phase: ZB-5



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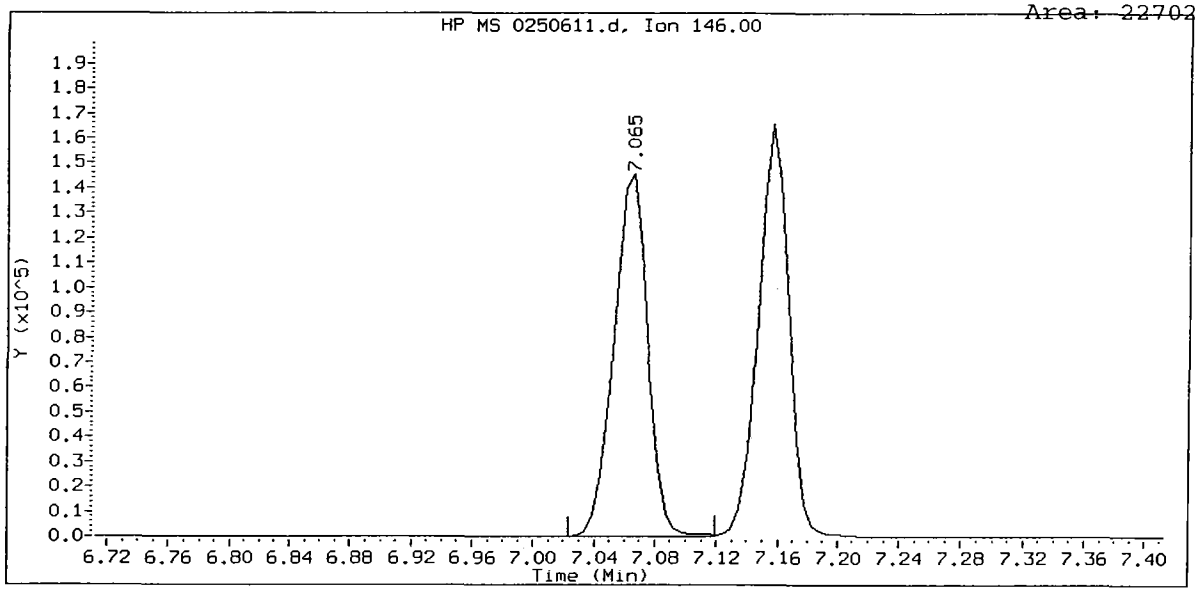
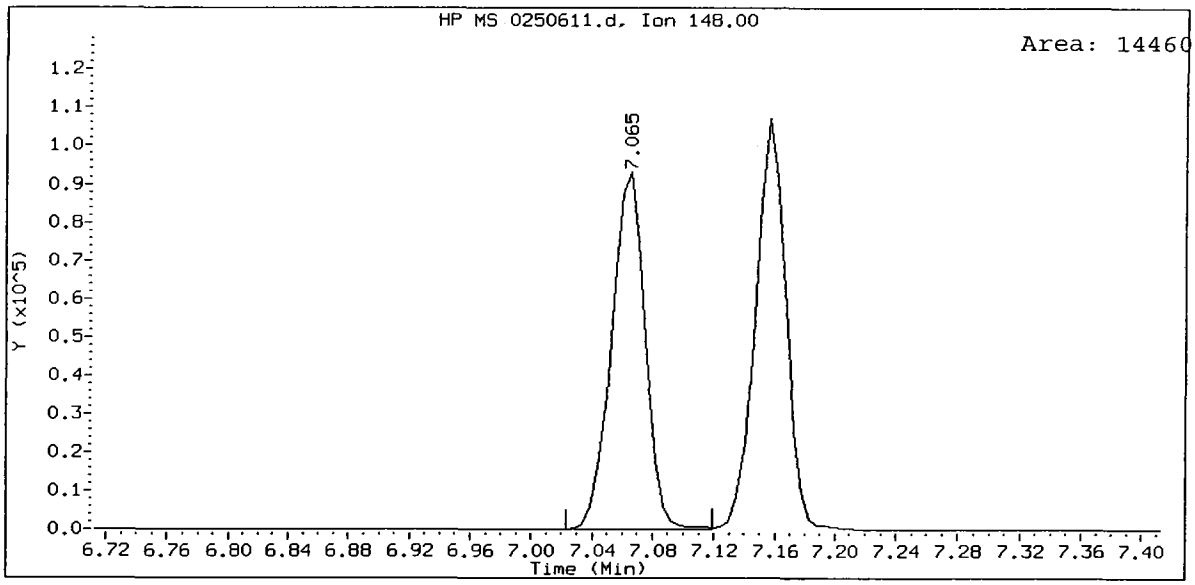
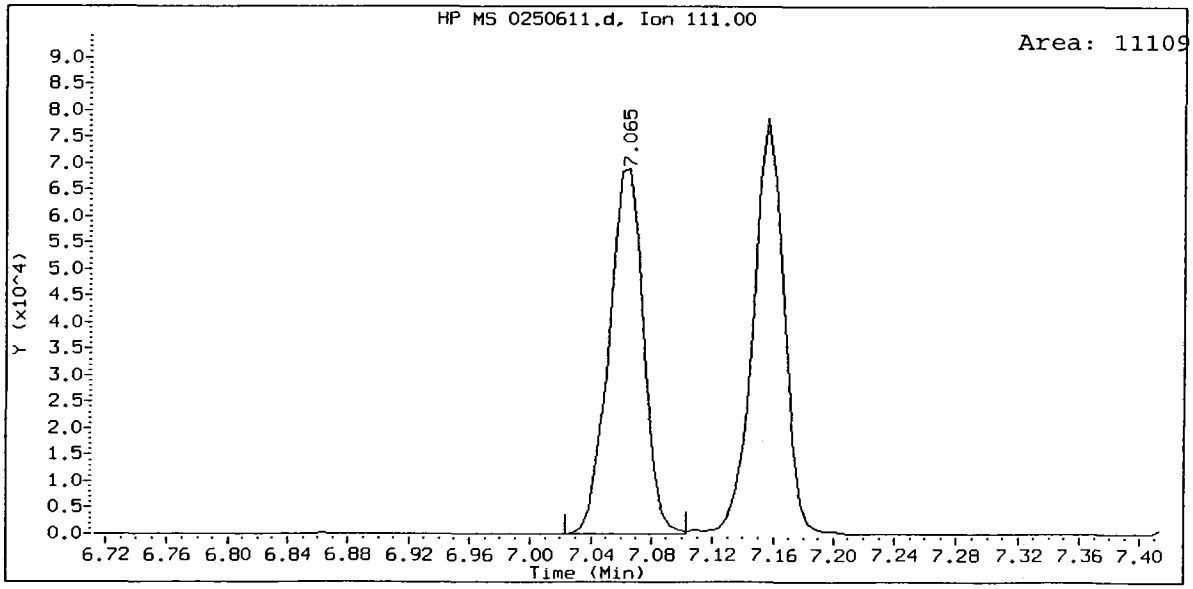
1,3-Dichlorobenzene Amount: 24.57







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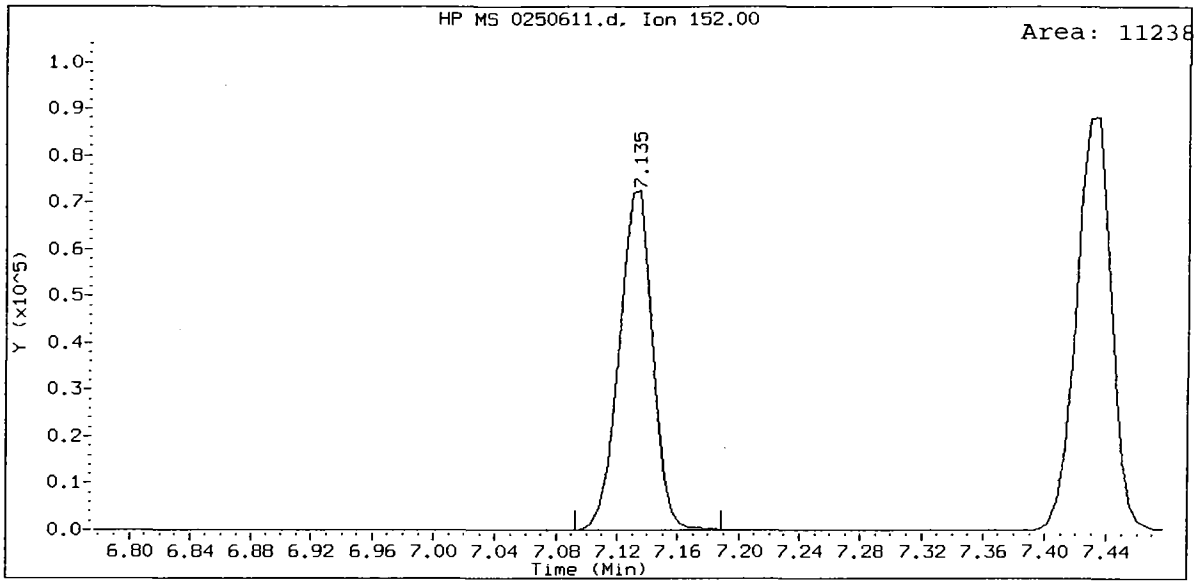
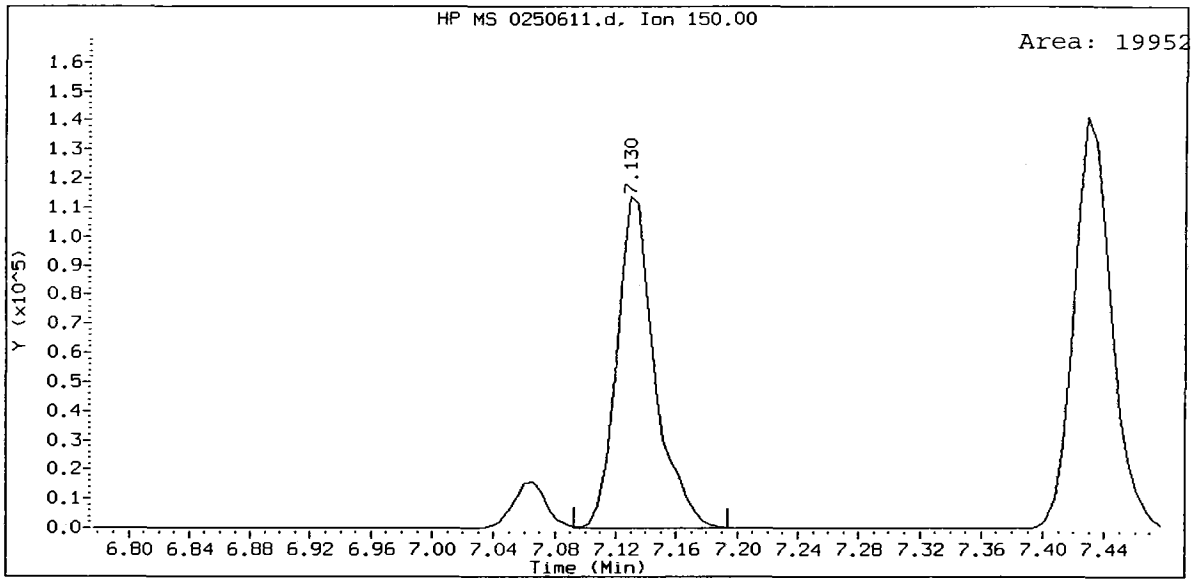
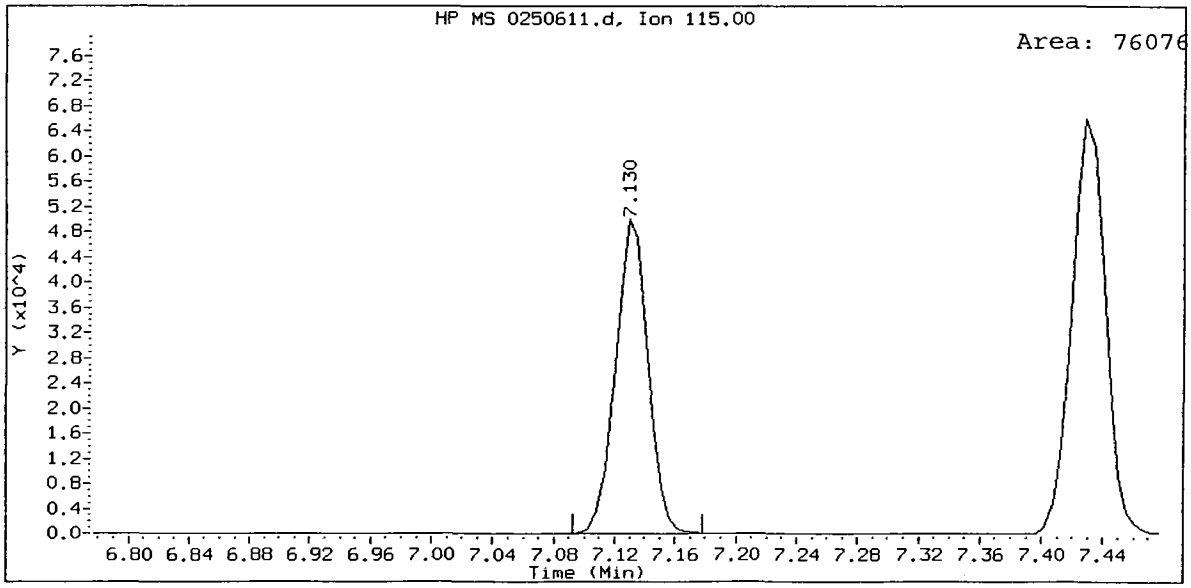
1,4-Dichlorobenzene-d4 Amount: 20.00







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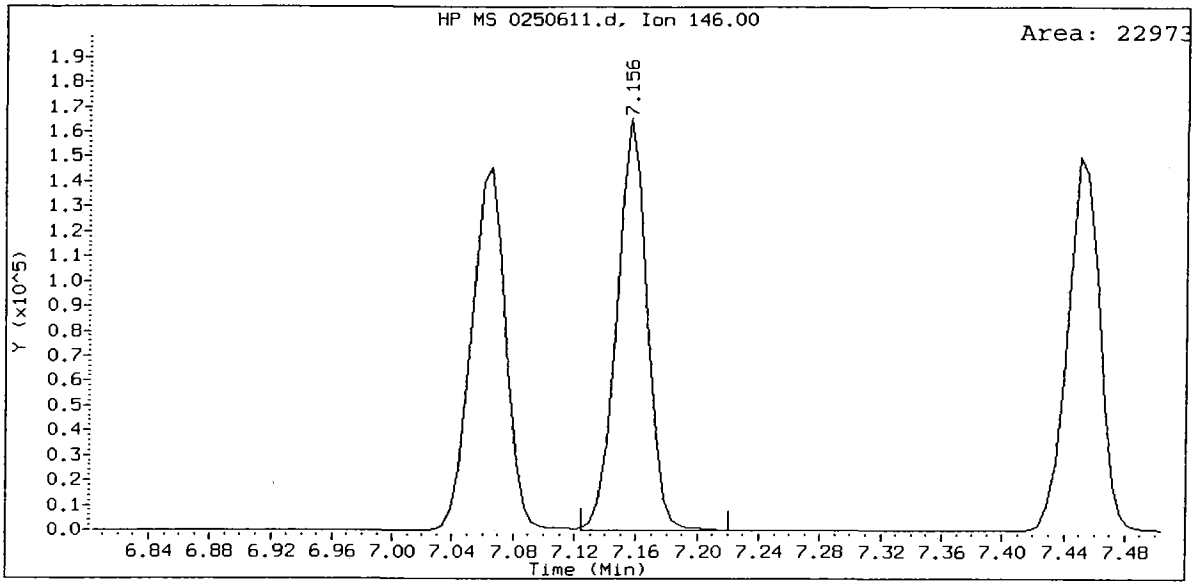
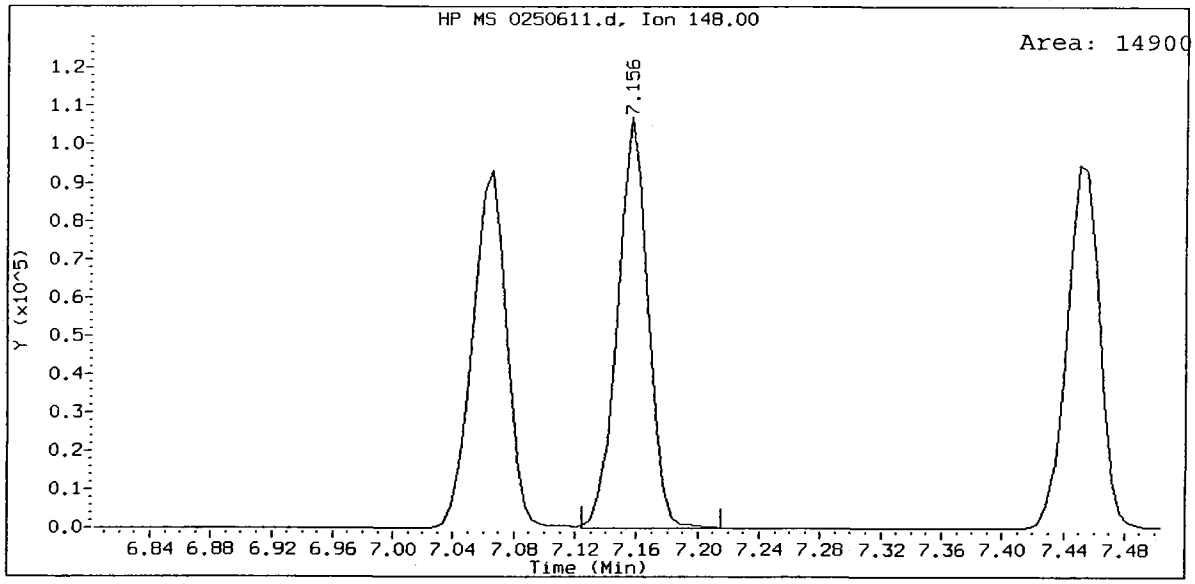
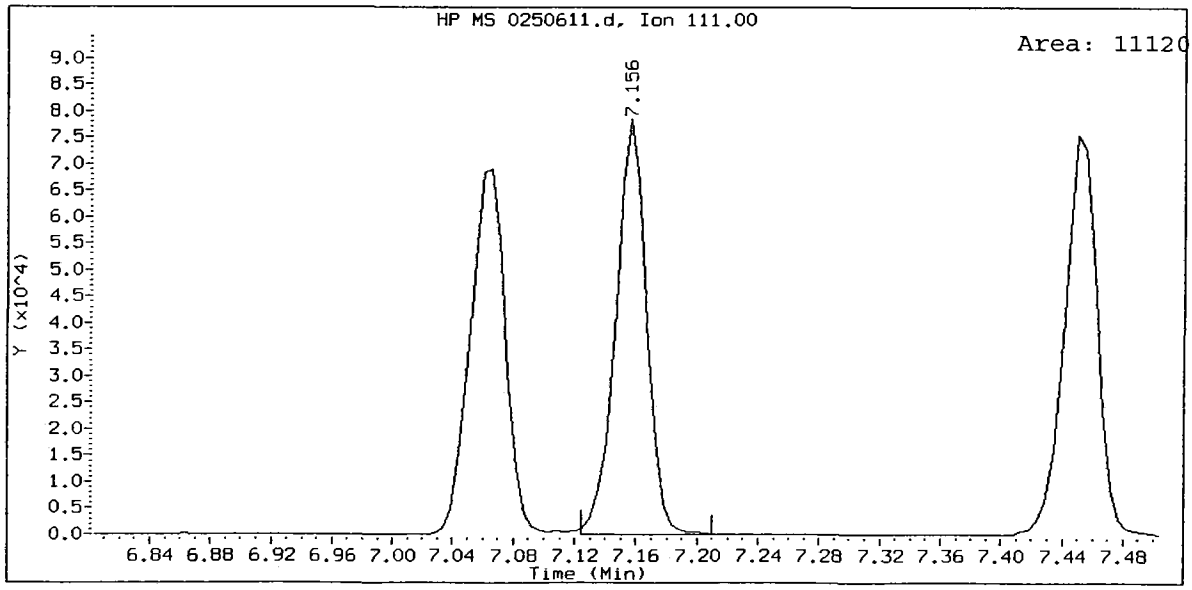
1,4-Dichlorobenzene Amount: 24.82







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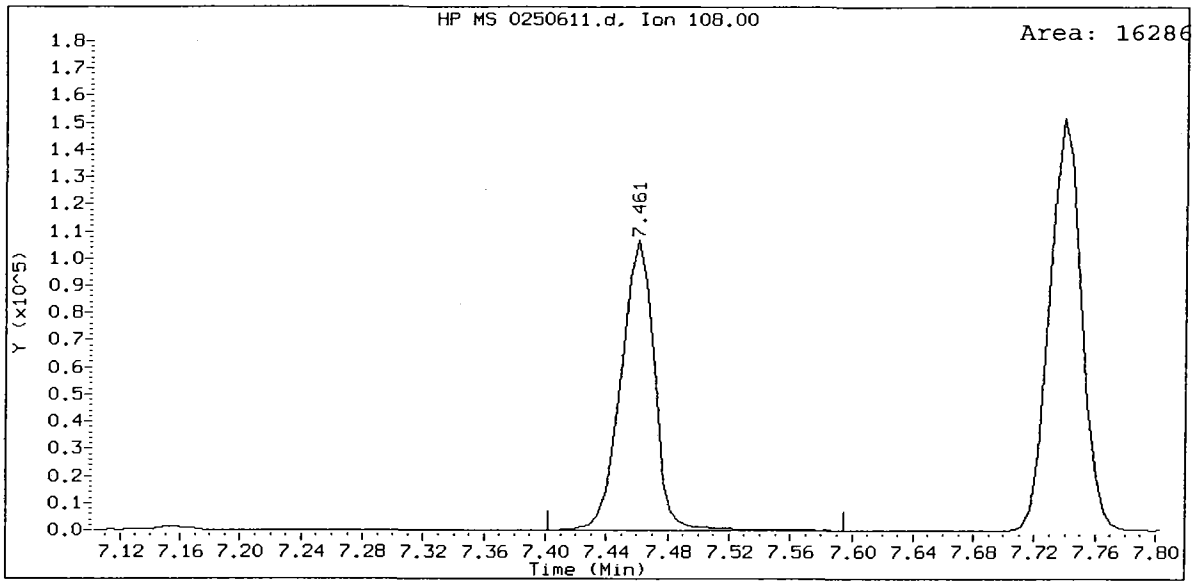
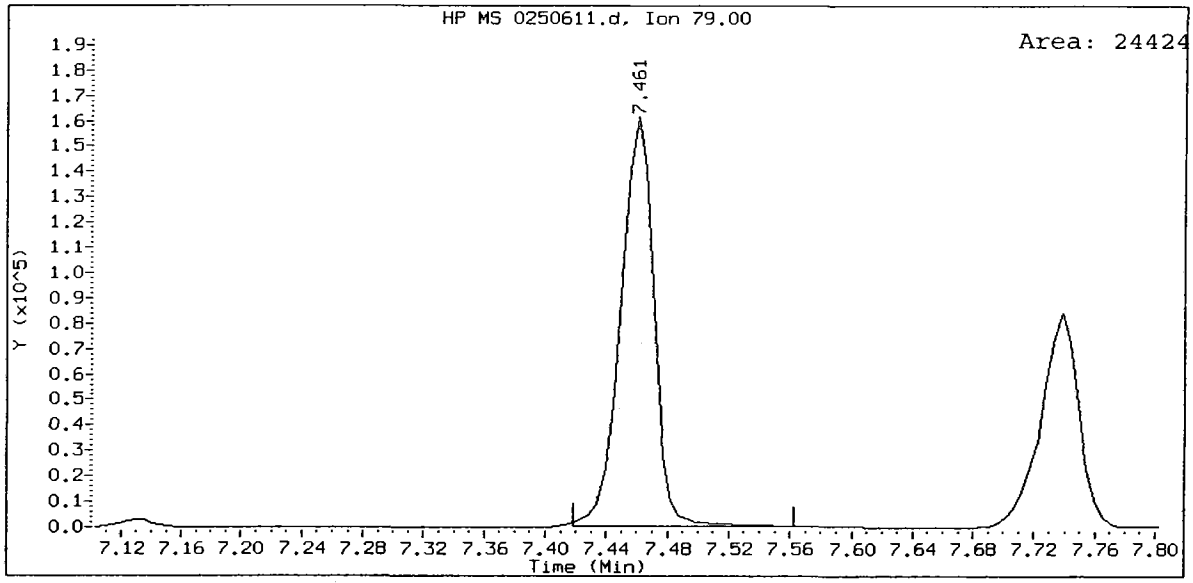
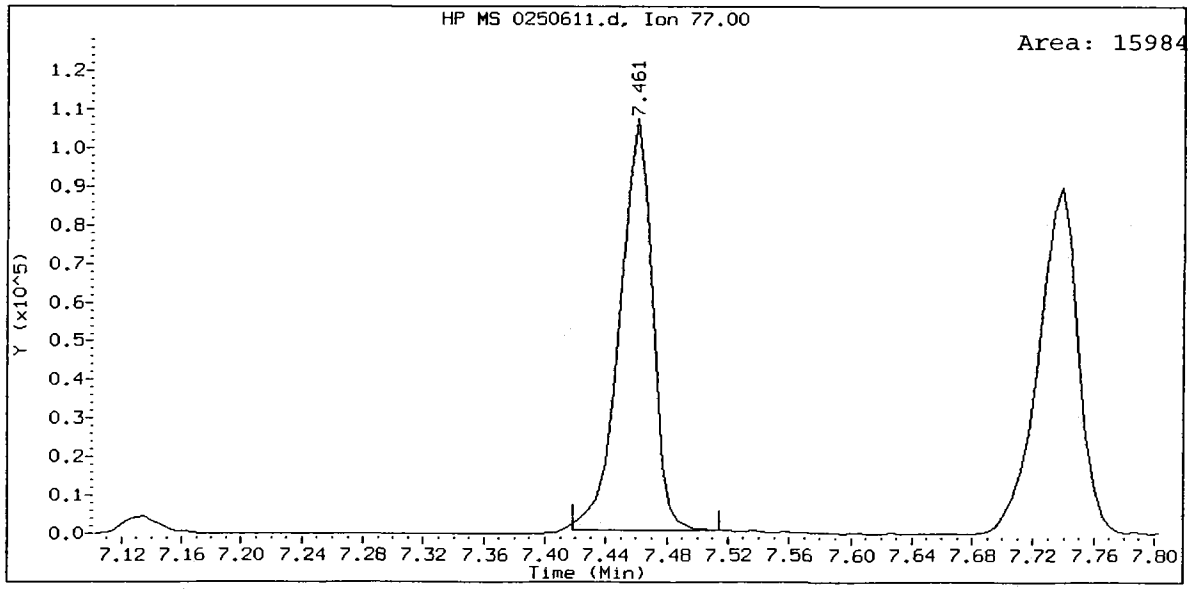
Benzyl alcohol Amount: 25.89







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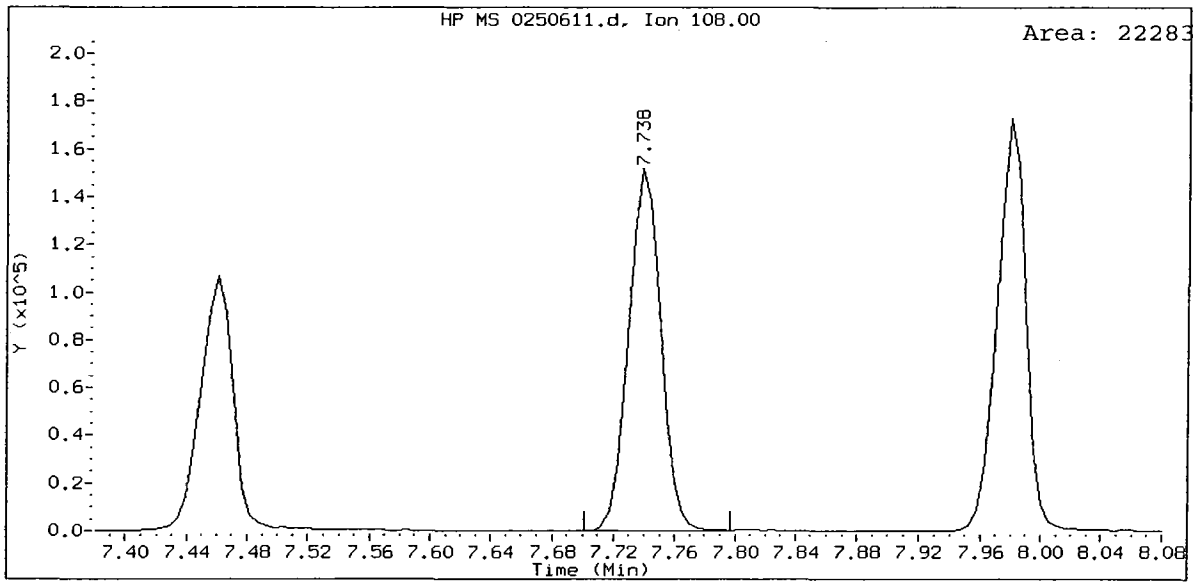
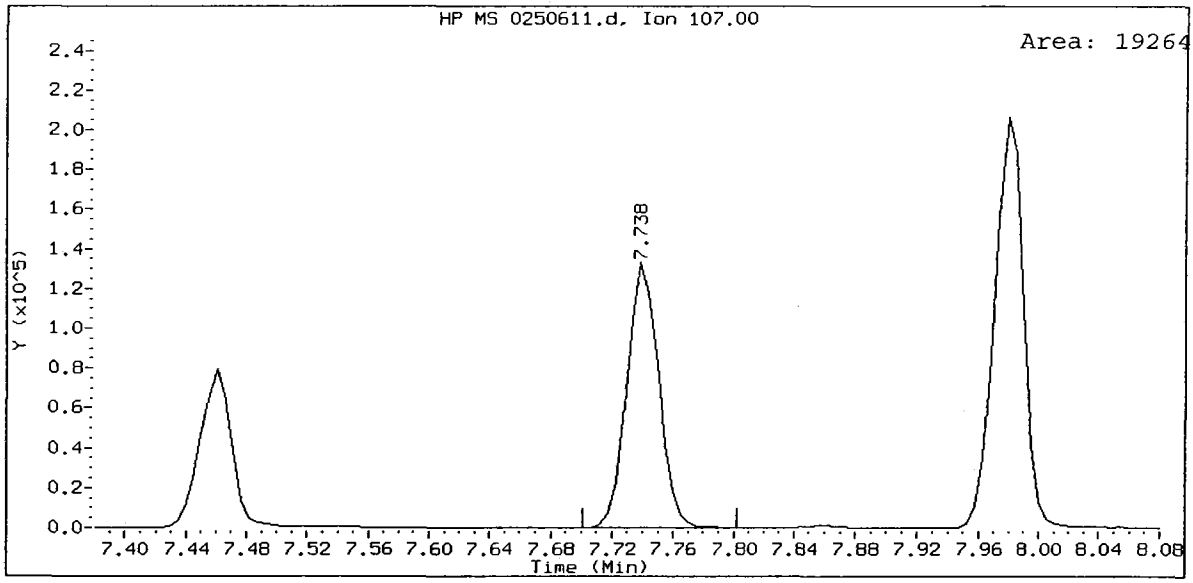
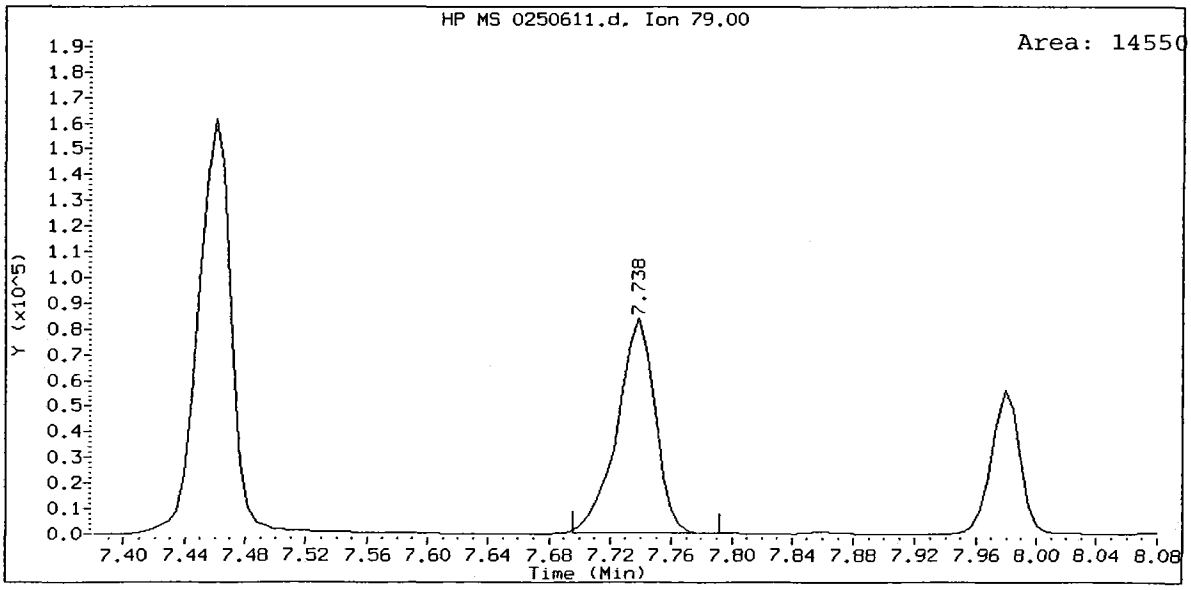
2-Methylphenol Amount: 25.32







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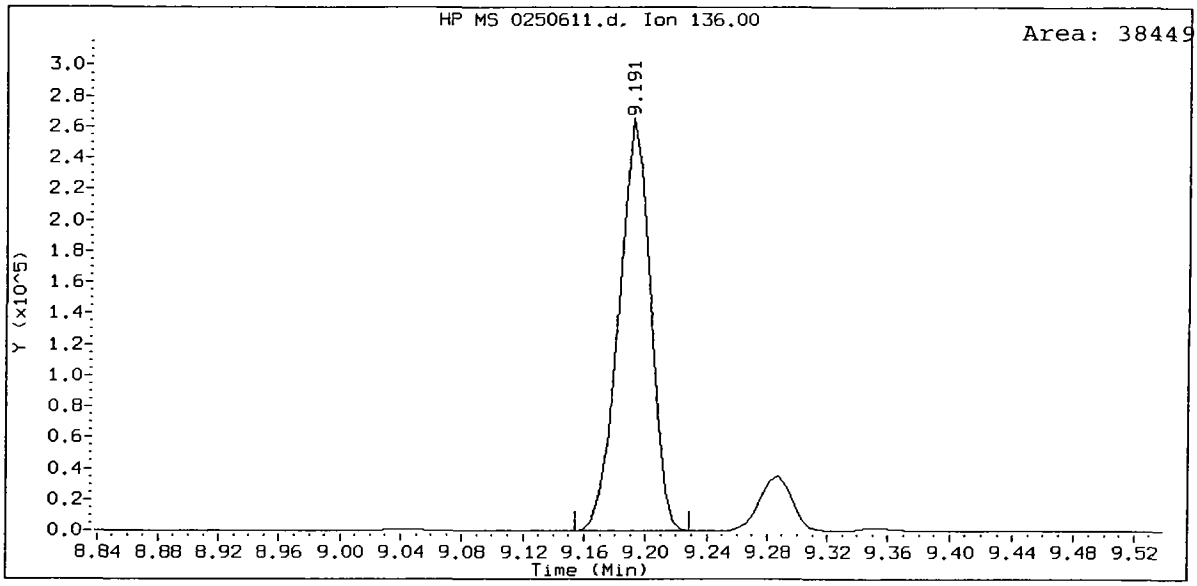
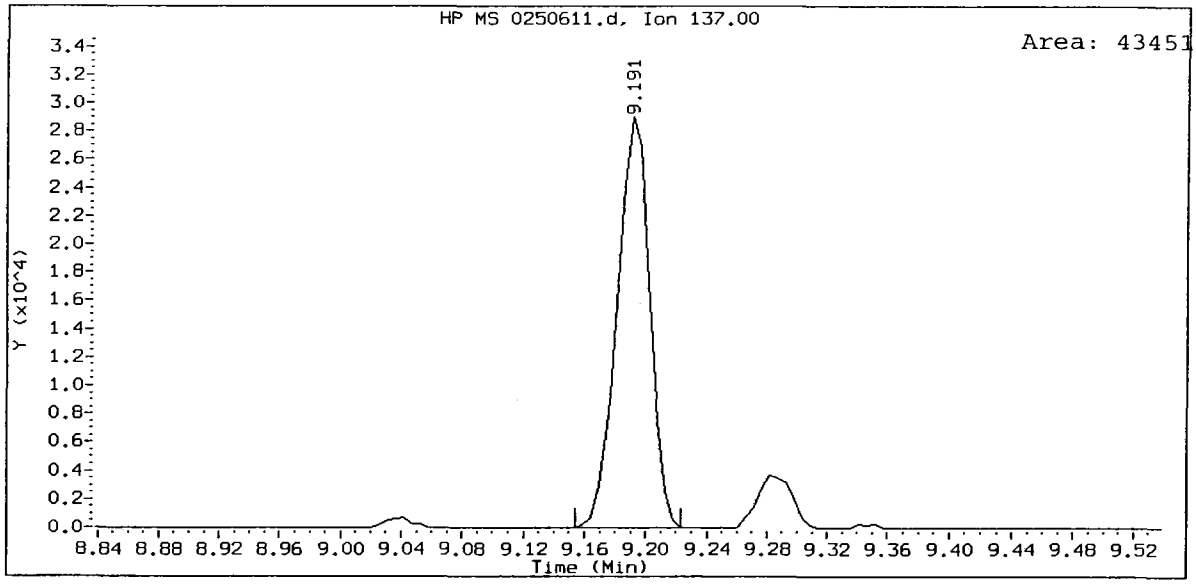
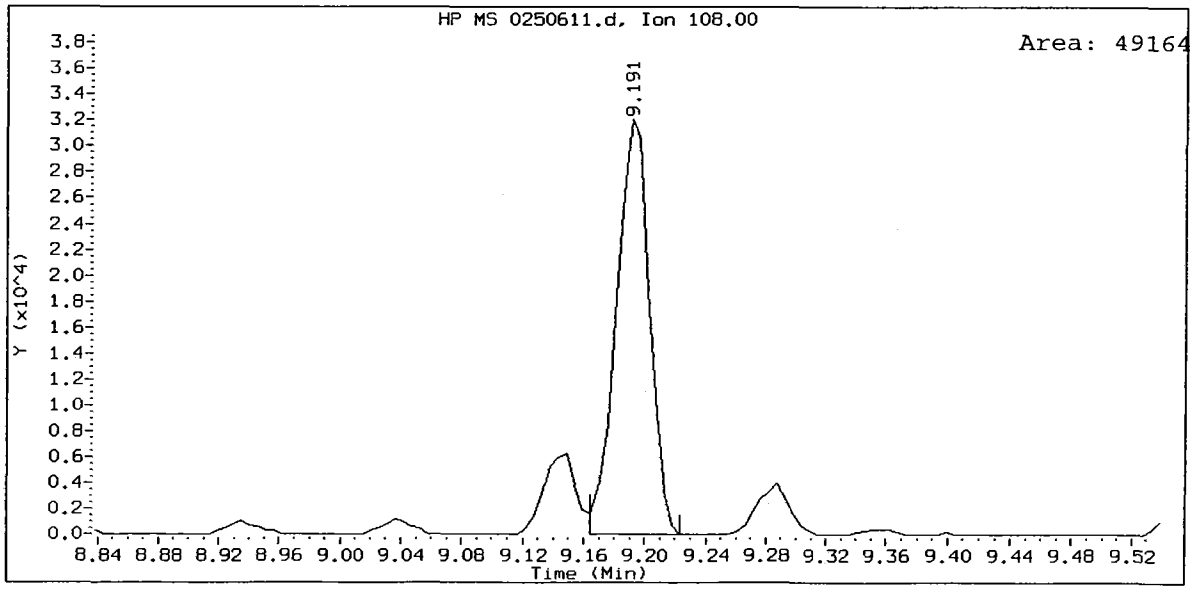
Naphthalene-d8 Amount: 20.00







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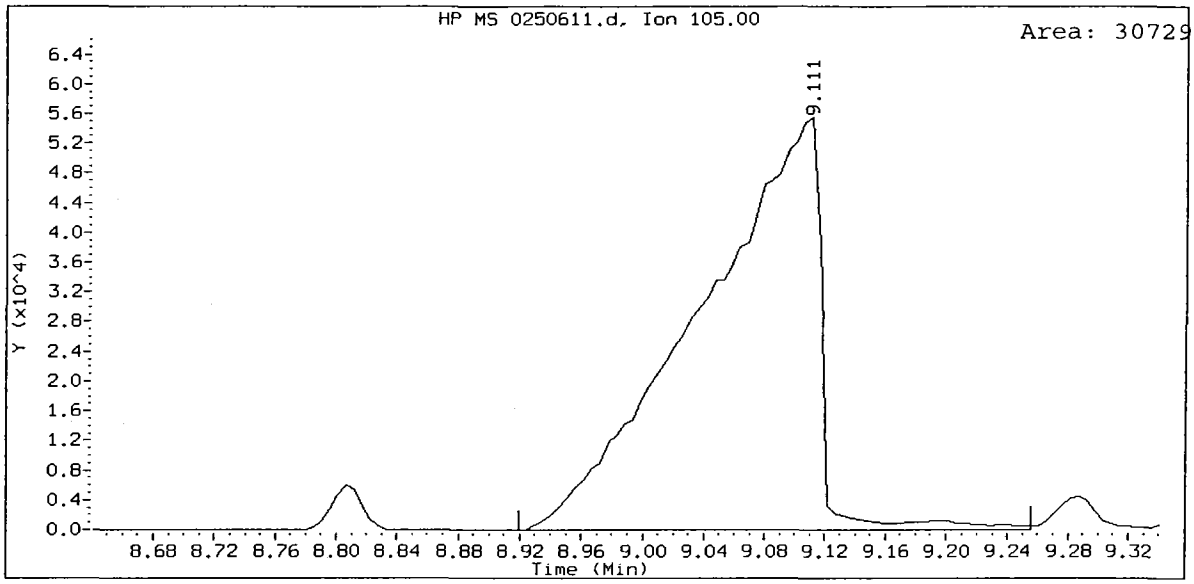
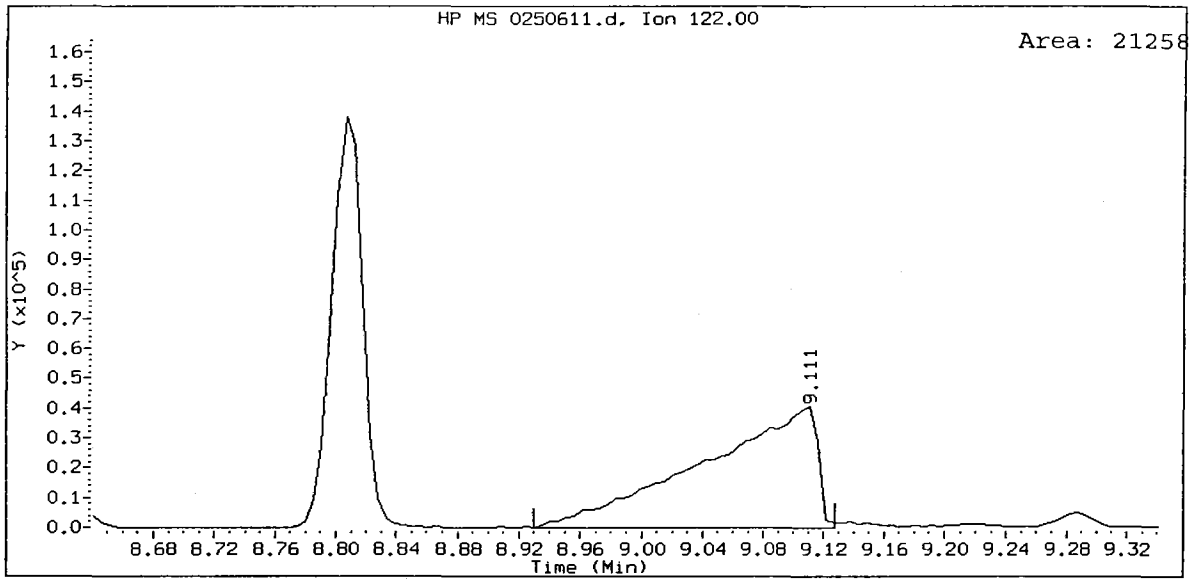
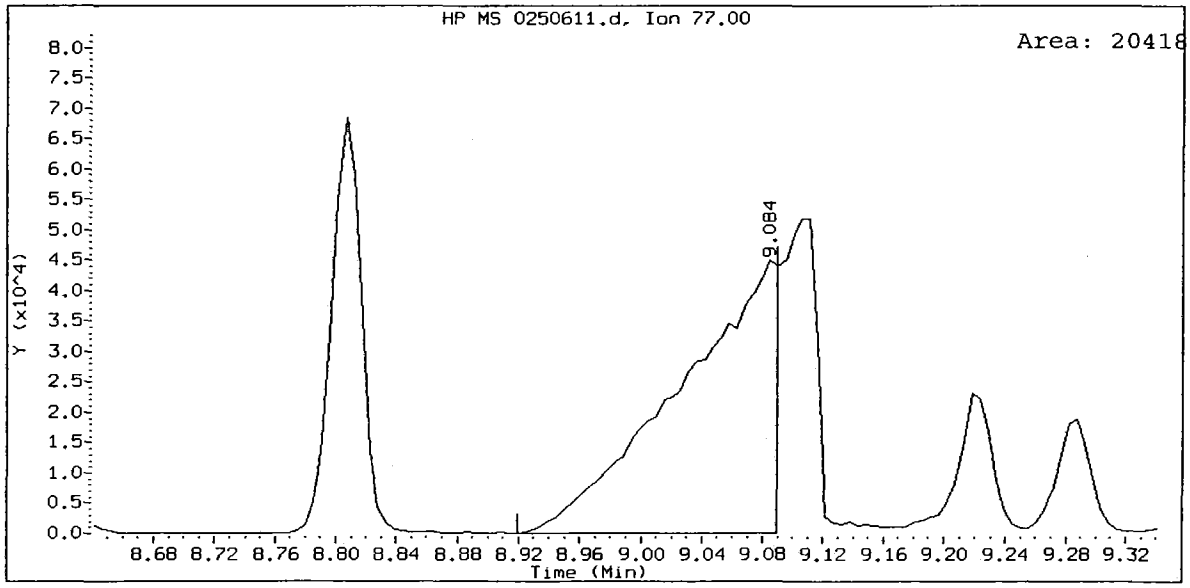
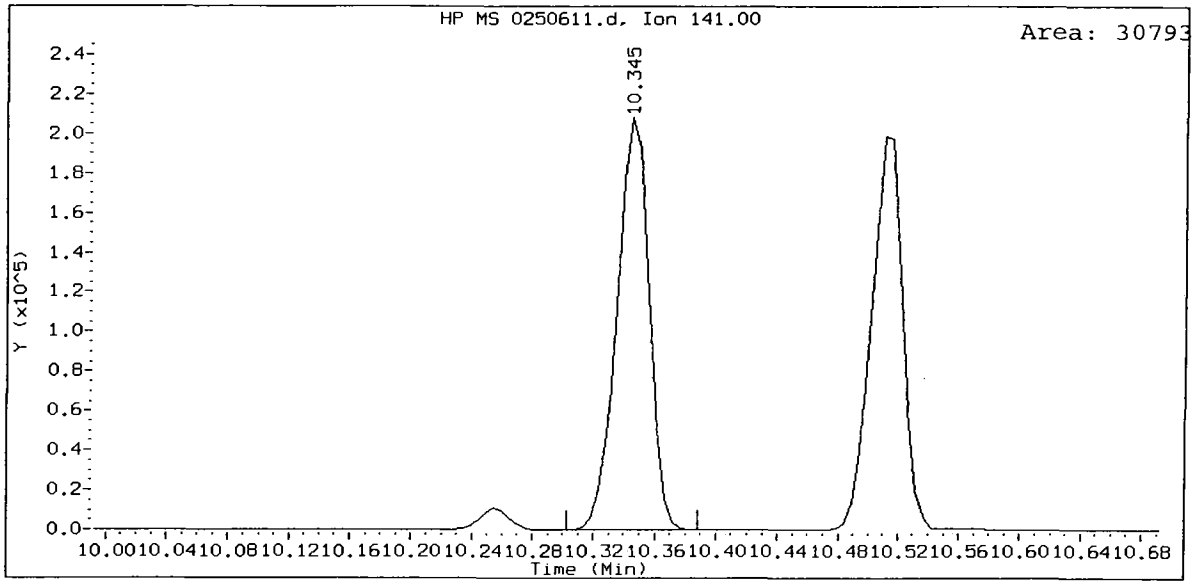
Benzoic acid Amount: 50.31

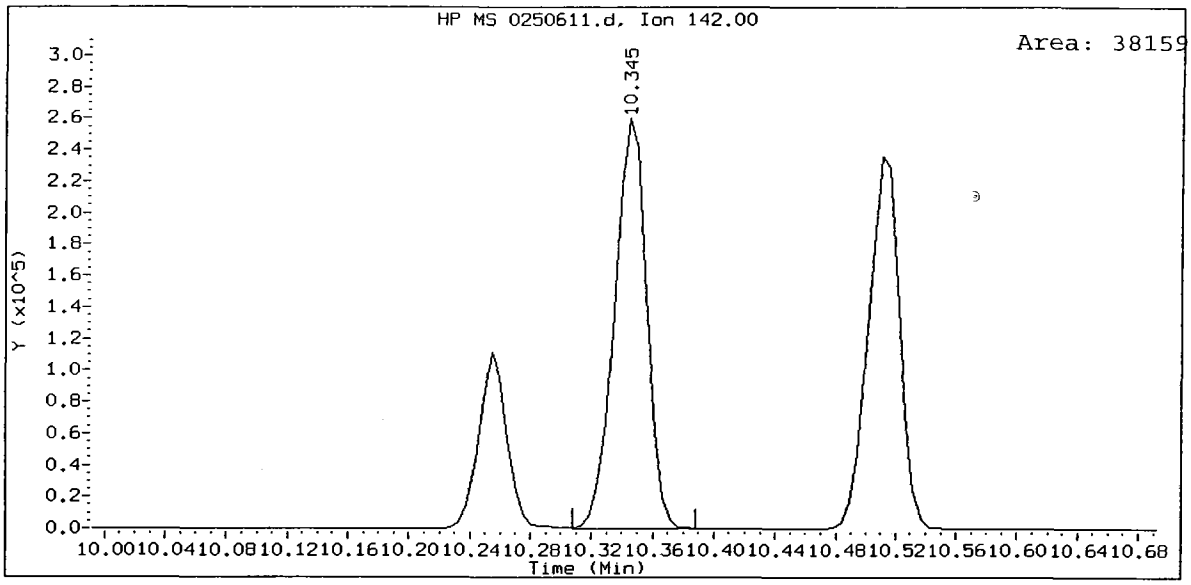




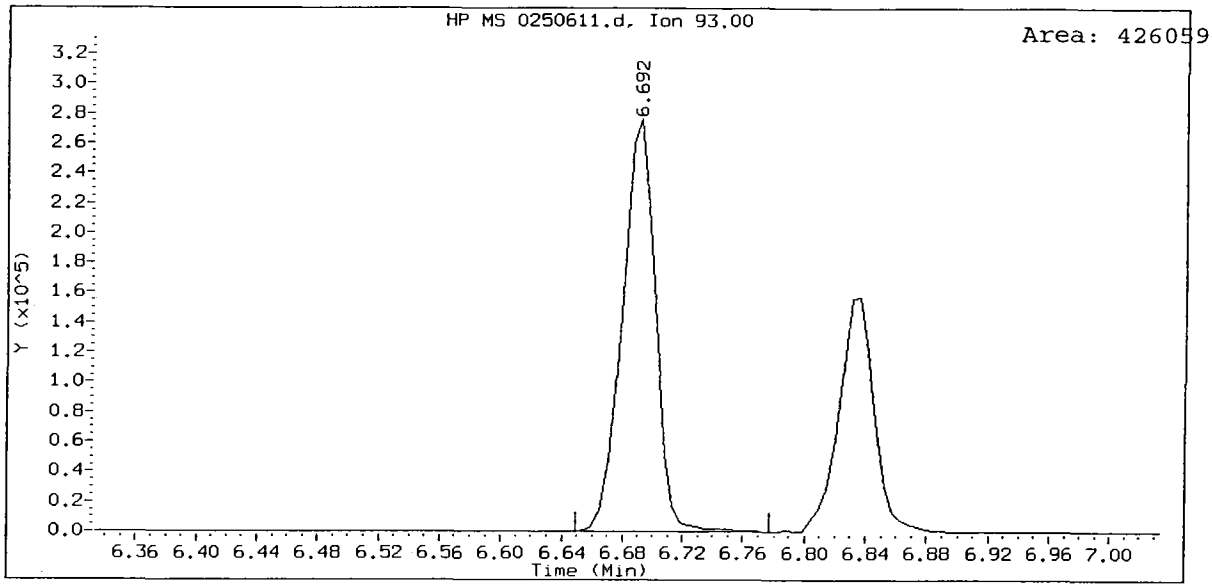


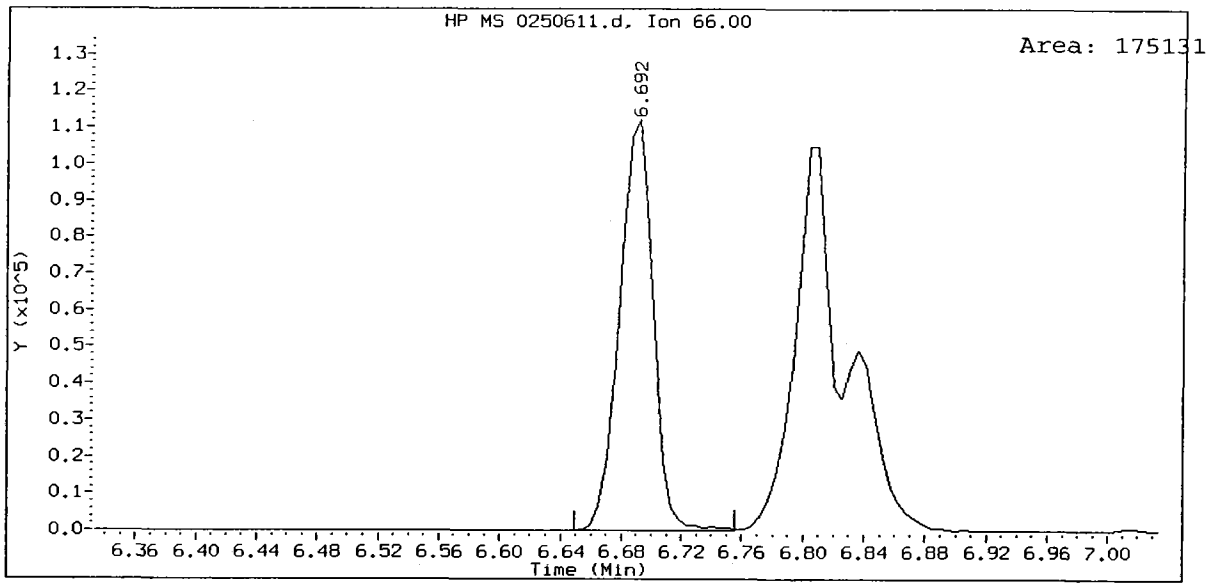
ABN 25, /chem1/nt6.i/20090611.b/0250611.d
2-Methylnaphthalene Amount: 24.73

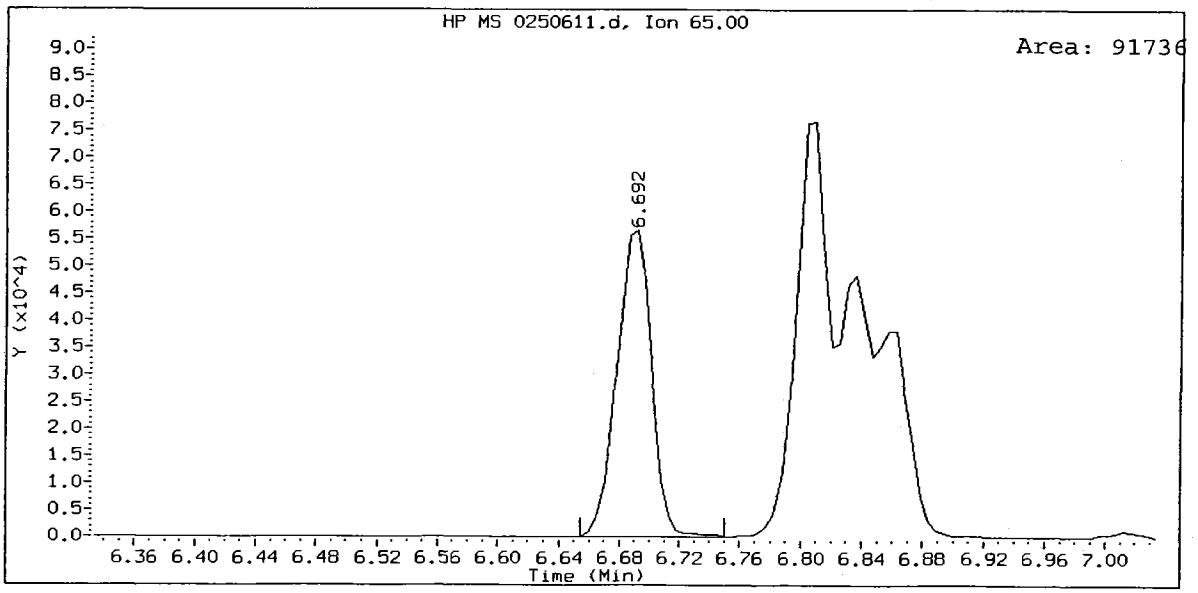




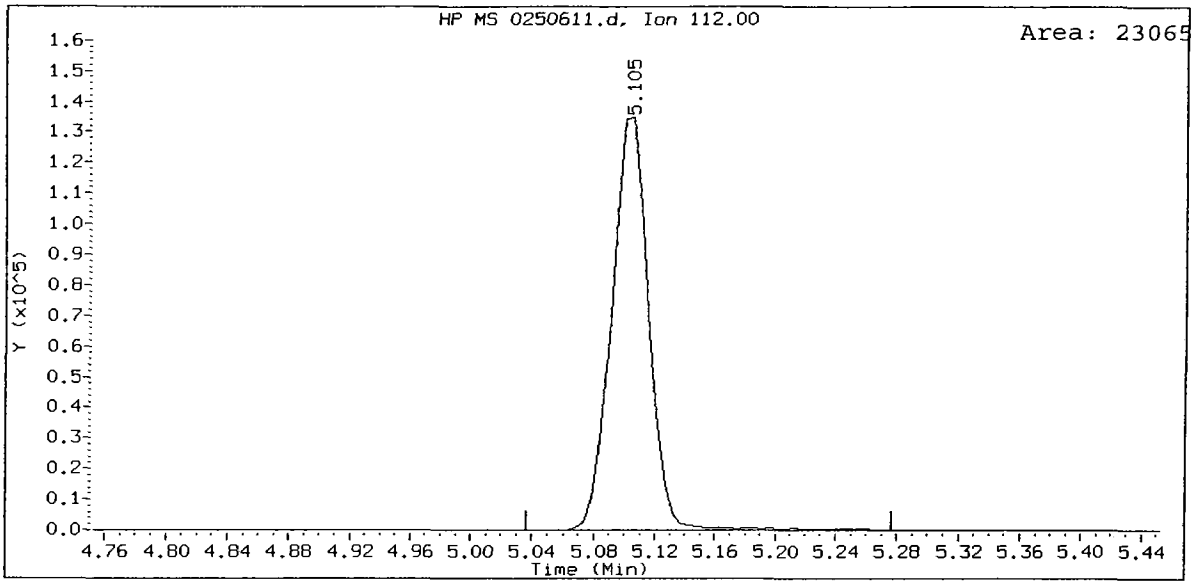
ABN 25, /chem1/nt6.i/20090611.b/0250611.d
Aniline Amount: 25.00

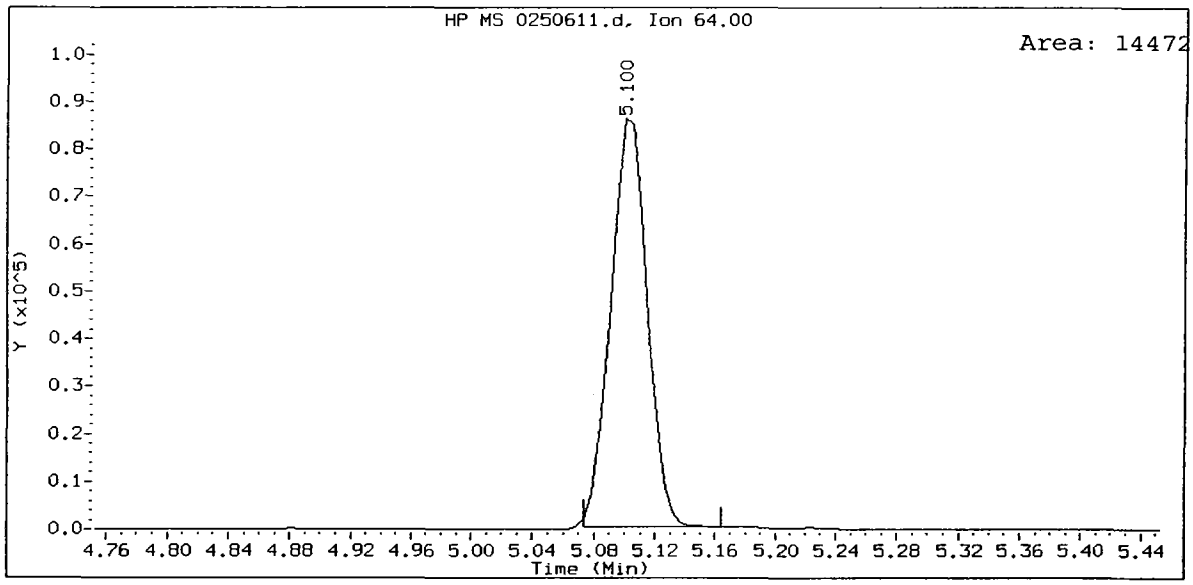






ABN 25, /chem1/nt6.i/20090611.b/0250611.d
2-Fluorophenol Amount: 24.89





Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem1/nt6.i/20090611.b/ddt.b/0250611.d ARI ID:
Method: /chem1/nt6.i/20090611.b/ddt.b/sw846ddt.m Misc:
Analysis Date: 11-JUN-2009 10:27 Instrument: nt6.i

COMPOUND	RT	AREA
Pentachlorophenol	14.228	51931
Benzidine	16.615	233919
4,4'-DDE	----	----
4,4'-DDD	17.539	2547
4,4'-DDT	18.009	145896

LJK 6/11/09

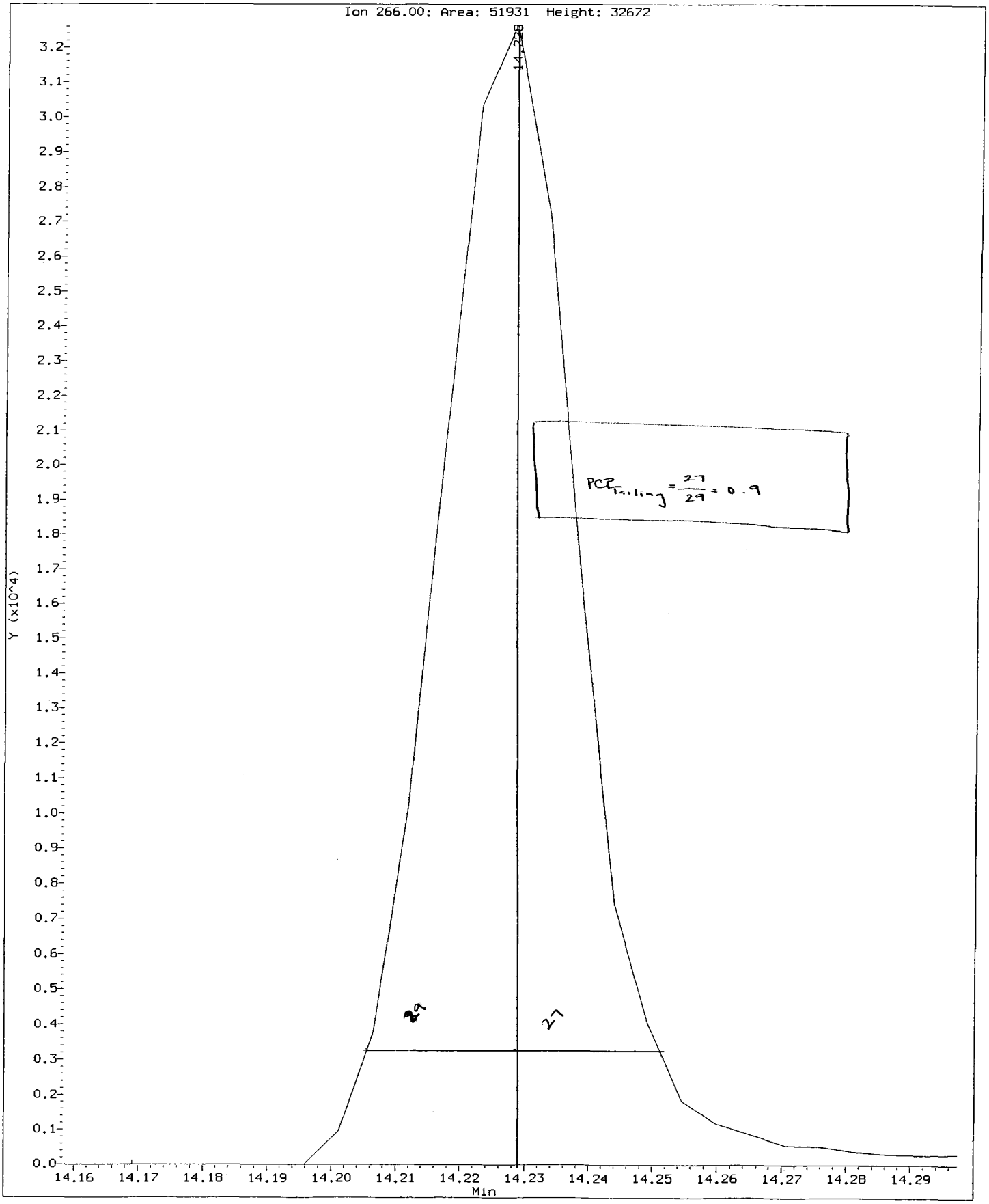
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(0 + 2547) * 100}{(0 + 2547 + 145896)}$$

DDT Percent Breakdown = 1.7 %

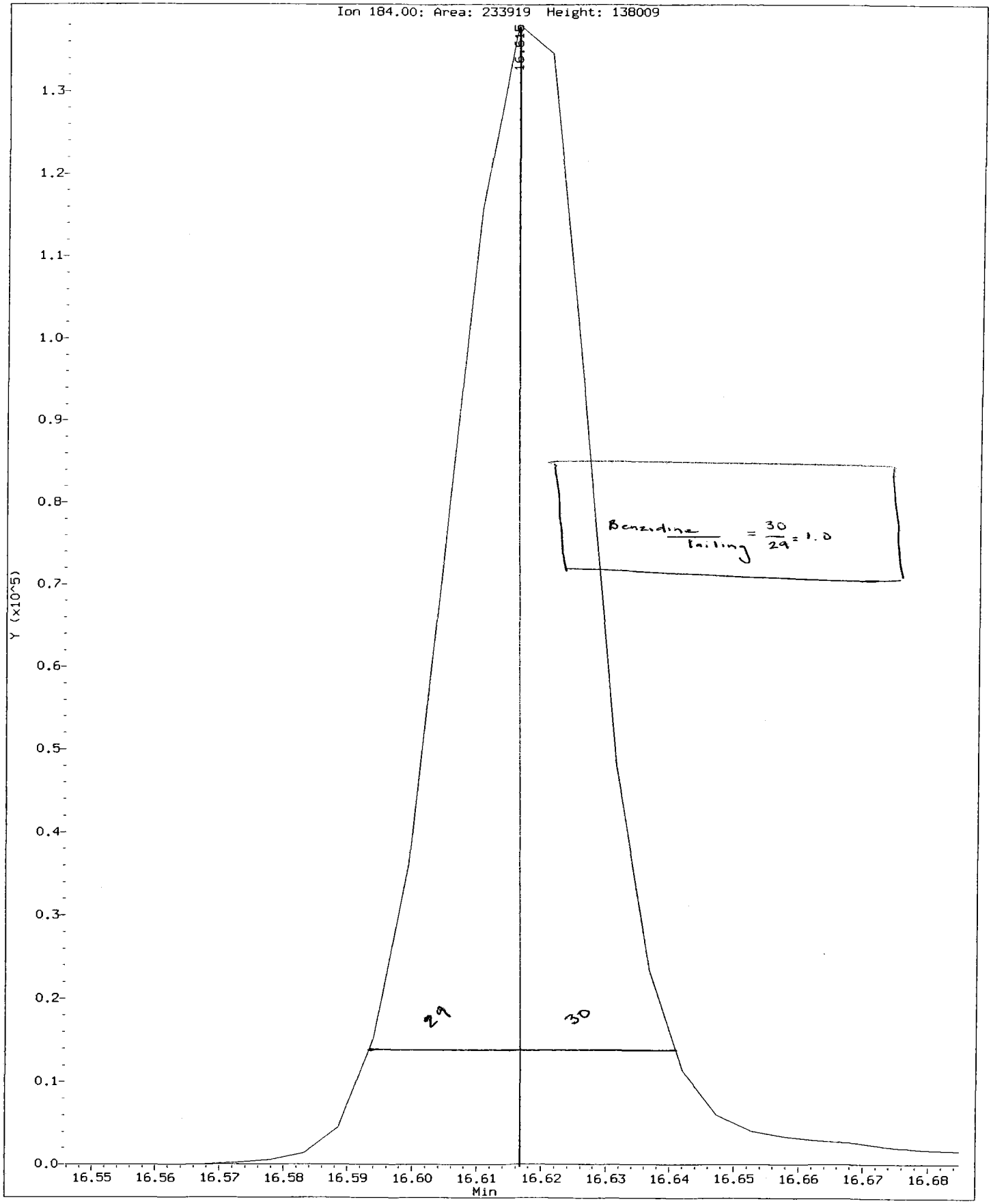
Data File: /chem1/nt6.i/20090611.b/ddt.b/0250611.d
Injection Date: 11-JUN-2009 10:27
Instrument: nt6.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem1/nt6.i/20090611.b/ddt.b/0250611.d
Injection Date: 11-JUN-2009 10:27
Instrument: nt6.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611.b/0400611.d
Lab Smp Id: ABN 40
Inj Date : 11-JUN-2009 12:10
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 40
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611.b/SW846.m
Meth Date : 11-Jun-2009 16:21 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 4 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.112	5.103	(0.716)	452619	40.0000	38.55
$	2 Phenol-d5	99	6.799	6.780	(0.953)	618744	40.0000	39.24
	3 Phenol	94	6.821	6.796	(0.956)	658405	40.0000	38.66
$	5 2-Chlorophenol-d4	132	6.842	6.833	(0.959)	380352	40.0000	39.59
	4 Bis(2-Chloroethyl)ether	93	6.842	6.828	(0.959)	484387	40.0000	37.68
	6 2-Chlorophenol	128	6.869	6.855	(0.963)	414276	40.0000	38.52
	7 1,3-Dichlorobenzene	146	7.072	7.063	(0.991)	442973	40.0000	37.83
*	8 1,4-Dichlorobenzene-d4	152	7.136	7.127	(1.000)	142411	20.0000	
	9 1,4-Dichlorobenzene	146	7.163	7.154	(1.004)	450494	40.0000	38.42
$	10 1,2-Dichlorobenzene-d4	152	7.435	7.426	(1.042)	281608	40.0000	39.71
	12 1,2-Dichlorobenzene	146	7.456	7.448	(1.045)	441597	40.0000	38.36
	11 Benzyl alcohol	108	7.472	7.453	(1.047)	308943	40.0000	38.75
	14 2,2'-oxybis(1-Chloropropane)	45	7.729	7.720	(1.083)	613923	40.0000	38.55
	13 2-Methylphenol	108	7.750	7.731	(1.086)	439296	40.0000	39.39(H)
	17 Hexachloroethane	117	7.942	7.939	(1.113)	216166	40.0000	39.88
	16 N-Nitroso-di-n-propylamine	70	7.958	7.934	(1.115)	402289	40.0000	38.06
	15 4-Methylphenol	108	7.990	7.971	(1.120)	447488	40.0000	39.26
$	18 Nitrobenzene-d5	82	8.097	8.078	(0.880)	567059	40.0000	39.17
	19 Nitrobenzene	77	8.124	8.104	(0.883)	571915	40.0000	38.06
	20 Isophorone	82	8.525	8.500	(0.927)	974974	40.0000	38.79
	21 2-Nitrophenol	139	8.642	8.633	(0.940)	219158	40.0000	40.04
	22 2,4-Dimethylphenol	107	8.818	8.799	(0.959)	486220	40.0000	40.58
	23 Bis(2-Chloroethoxy)methane	93	8.947	8.927	(0.973)	535116	40.0000	38.65
	24 Benzoic acid	105	9.192	8.991	(0.999)	678721	80.0000	90.65(M)
	25 2,4-Dichlorophenol	162	9.048	9.034	(0.984)	332284	40.0000	42.59
	26 1,2,4-Trichlorobenzene	180	9.149	9.141	(0.995)	376854	40.0000	39.77
*	27 Naphthalene-d8	136	9.198	9.189	(1.000)	471377	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.230	9.215	(1.003)	1077266	40.0000	38.44
	29 4-Chloroaniline	127	9.406	9.392	(1.023)	495231	40.0000	40.99
	30 Hexachlorobutadiene	225	9.561	9.557	(1.039)	204615	40.0000	38.60
	31 4-Chloro-3-methylphenol	107	10.260	10.252	(1.116)	414639	40.0000	41.97
	32 2-Methylnaphthalene	141	10.351	10.342	(1.125)	595710	40.0000	39.02
	33 Hexachlorocyclopentadiene	237	10.736	10.732	(0.892)	207087	40.0000	40.46
	34 2,4,6-Trichlorophenol	196	10.885	10.876	(0.904)	238415	40.0000	41.44
	35 2,4,5-Trichlorophenol	196	10.944	10.941	(0.909)	246489	40.0000	41.80
$	36 2-Fluorobiphenyl	172	11.014	10.999	(0.915)	763664	40.0000	38.13
	37 2-Chloronaphthalene	162	11.120	11.111	(0.924)	699659	40.0000	38.99
	38 2-Nitroaniline	65	11.382	11.363	(0.945)	297729	40.0000	39.88
	39 Dimethylphthalate	163	11.772	11.758	(0.978)	783377	40.0000	39.83
	40 Acenaphthylene	152	11.788	11.779	(0.979)	1036358	40.0000	38.67
	41 2,6-Dinitrotoluene	165	11.857	11.843	(0.985)	173806	40.0000	40.64
*	42 Acenaphthene-d10	164	12.039	12.030	(1.000)	269613	20.0000	
	43 3-Nitroaniline	138	12.060	12.035	(1.002)	202367	40.0000	41.45
	44 Acenaphthene	153	12.092	12.078	(1.004)	656319	40.0000	38.81
	45 2,4-Dinitrophenol	184	12.231	12.212	(1.016)	185554	80.0000	81.08
	46 Dibenzofuran	168	12.354	12.340	(1.026)	957527	40.0000	39.19
	47 4-Nitrophenol	109	12.429	12.409	(1.032)	134465	40.0000	43.19
	48 2,4-Dinitrotoluene	165	12.477	12.457	(1.036)	226817	40.0000	40.90
	50 Diethylphthalate	149	12.931	12.911	(1.074)	693446	40.0000	38.73
	49 Fluorene	166	12.904	12.890	(1.072)	796831	40.0000	39.87
	51 4-Chlorophenyl-phenylether	204	12.952	12.943	(1.076)	390625	40.0000	39.60
	52 4-Nitroaniline	138	13.054	13.018	(1.084)	179266	40.0000	41.32
	53 4,6-Dinitro-2-methylphenol	198	13.134	13.104	(0.913)	300398	80.0000	88.92
	54 N-Nitrosodiphenylamine	169	13.171	13.152	(0.916)	532260	40.0000	38.03
$	55 2,4,6-Tribromophenol	330	13.326	13.317	(1.107)	109493	40.0000	42.59
	56 4-Bromophenyl-phenylether	248	13.721	13.713	(0.954)	220643	40.0000	38.68
	57 Hexachlorobenzene	284	13.919	13.910	(0.968)	220071	40.0000	37.80
	58 Pentachlorophenol	266	14.234	14.220	(0.990)	116385	40.0000	43.77
*	59 Phenanthrene-d10	188	14.384	14.375	(1.000)	448584	20.0000	
	60 Phenanthrene	178	14.421	14.412	(1.003)	1074410	40.0000	37.73
	61 Anthracene	178	14.496	14.482	(1.008)	1094422	40.0000	37.91
	62 Carbazole	167	14.800	14.786	(1.029)	877123	40.0000	36.98
	63 Di-n-butylphthalate	149	15.559	15.550	(1.082)	1074829	40.0000	37.87
	64 Fluoranthene	202	16.339	16.330	(1.136)	1090891	40.0000	37.53
	65 Pyrene	202	16.680	16.672	(0.894)	1095313	40.0000	38.94
$	66 Terphenyl-d14	244	17.038	17.029	(0.913)	734245	40.0000	40.49
	67 Butylbenzylphthalate	149	17.946	17.937	(0.962)	446916	40.0000	39.35
	68 Benzo(a)anthracene	228	18.635	18.621	(0.999)	952069	40.0000	38.00
*	69 Chrysene-d12	240	18.657	18.648	(1.000)	339501	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.673	18.664	(1.001)	351919	40.0000	38.31
	71 Chrysene	228	18.705	18.680	(1.003)	895552	40.0000	37.33
	72 bis(2-Ethylhexyl)phthalate	149	18.961	18.958	(0.953)	590350	40.0000	39.57
*	134 Di-n-octylphthalate-d4	153	19.896	19.887	(1.000)	481057	20.0000	
	73 Di-n-octylphthalate	149	19.901	19.898	(1.000)	961899	40.0000	37.10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	20.280	20.261	(0.976)	1058639	40.0000	42.68
75	Benzo(k)fluoranthene	252	20.312	20.293	(0.977)	918285	40.0000	36.04
76	Benzo(a)pyrene	252	20.713	20.693	(0.996)	903792	40.0000	40.25
* 77	Perylene-d12	264	20.788	20.779	(1.000)	342314	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.144	22.119	(1.065)	1197157	40.0000	39.99
79	Dibenzo(a,h)anthracene	278	22.171	22.151	(1.067)	917997	40.0000	40.39
80	Benzo(g,h,i)perylene	276	22.449	22.419	(1.080)	1041381	40.0000	39.81
90	N-Nitrosodimethylamine	74	2.227	2.197	(0.312)	339572	40.0000	37.64
103	Pyridine	79	2.201	2.192	(0.308)	601298	40.0000	38.85
91	Aniline	93	6.698	6.684	(0.939)	814956	40.0000	37.73
105	1-methylnaphthalene	141	10.517	10.508	(1.143)	571836	40.0000	39.12
93	Benzidine	184	16.622	16.613	(0.891)	481331	40.0000	37.35
111	Azobenzene (1,2-DP-Hydrazine)	77	13.203	13.189	(1.097)	1126070	40.0000	39.30
143	1,4-Dioxane	88	1.763	1.749	(0.247)	224993	40.0000	37.00
$ 137	d8-1,4-Dioxane	96	1.731	1.717	(0.243)	250746	40.0000	38.70
144	alpha-Terpineol	59	9.294	9.279	(1.010)	336120	40.0000	39.65
98	Retene	219	17.268	17.259	(0.926)	375518	40.0000	41.01
133	Butylatedhydroxytoluene	205	12.263	12.260	(1.019)	589880	40.0000	37.93
115	Tributyl Phosphate	99	13.326	13.301	(0.926)	1013526	40.0000	37.79
116	Dibutyl Phenyl Phosphate	175	15.009	15.000	(1.043)	547185	40.0000	39.24
117	Butyl Diphenyl Phosphate	94	16.664	16.661	(0.893)	237733	40.0000	40.07
118	Triphenyl Phosphate	326	18.245	18.231	(0.978)	149668	40.0000	39.34
123	Acetophenone	105	7.873	7.853	(1.103)	596224	40.0000	38.27
179	n-Decane	57	7.018	7.010	(0.984)	495468	40.0000	37.45
180	n-Octadecane	57	14.405	14.396	(1.001)	551299	40.0000	38.12
168	Pentachlorobenzene	250	12.397	12.388	(1.030)	279863	40.0000	39.12
113	Diphenyl Oxide	170	11.334	11.325	(0.941)	477532	40.0000	39.19
112	Biphenyl	154	11.136	11.127	(0.925)	922371	40.0000	38.09

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: 0400611.d
Lab Smp Id: ABN 40
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611.b/SW846.m
Misc Info:

Calibration Date: 11-JUN-2009
Calibration Time: 10:27

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	142411	26.71
27 Naphthalene-d8	384492	192246	768984	471377	22.60
42 Acenaphthene-d10	217478	108739	434956	269613	23.97
59 Phenanthrene-d10	336594	168297	673188	448584	33.27
69 Chrysene-d12	247160	123580	494320	339501	37.36
134 Di-n-octylphthala	347036	173518	694072	481057	38.62
77 Perylene-d12	232938	116469	465876	342314	46.95

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.14	0.01
27 Naphthalene-d8	9.19	8.69	9.69	9.20	0.07
42 Acenaphthene-d10	12.03	11.53	12.53	12.04	0.05
59 Phenanthrene-d10	14.38	13.88	14.88	14.38	0.01
69 Chrysene-d12	18.66	18.16	19.16	18.66	0.01
134 Di-n-octylphthala	19.89	19.39	20.39	19.90	0.03
77 Perylene-d12	20.78	20.28	21.28	20.79	0.03

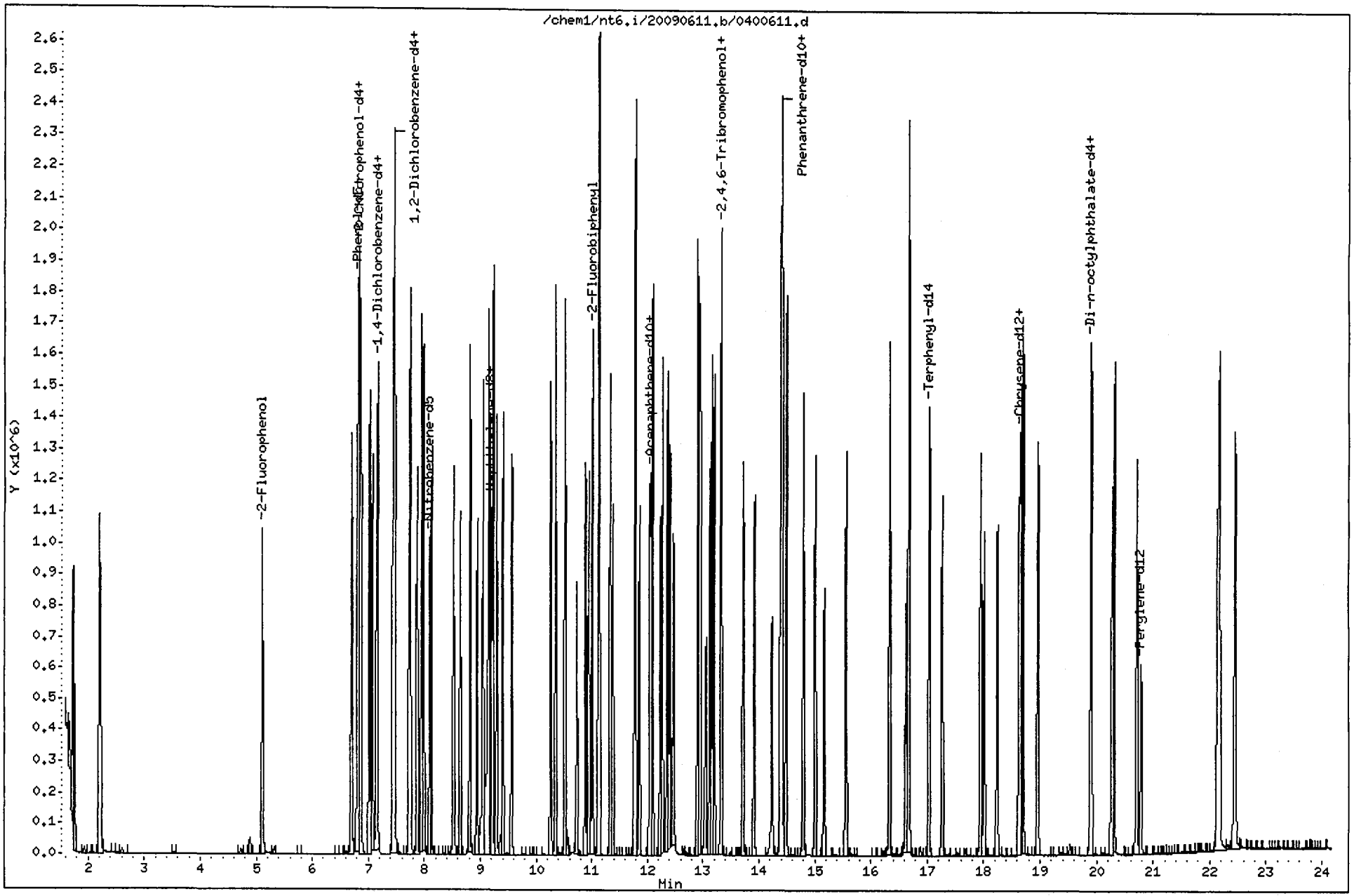
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20090611.b/0400611.d
Date : 11-JUN-2009 12:10
Client ID:
Sample Info: ABN 40

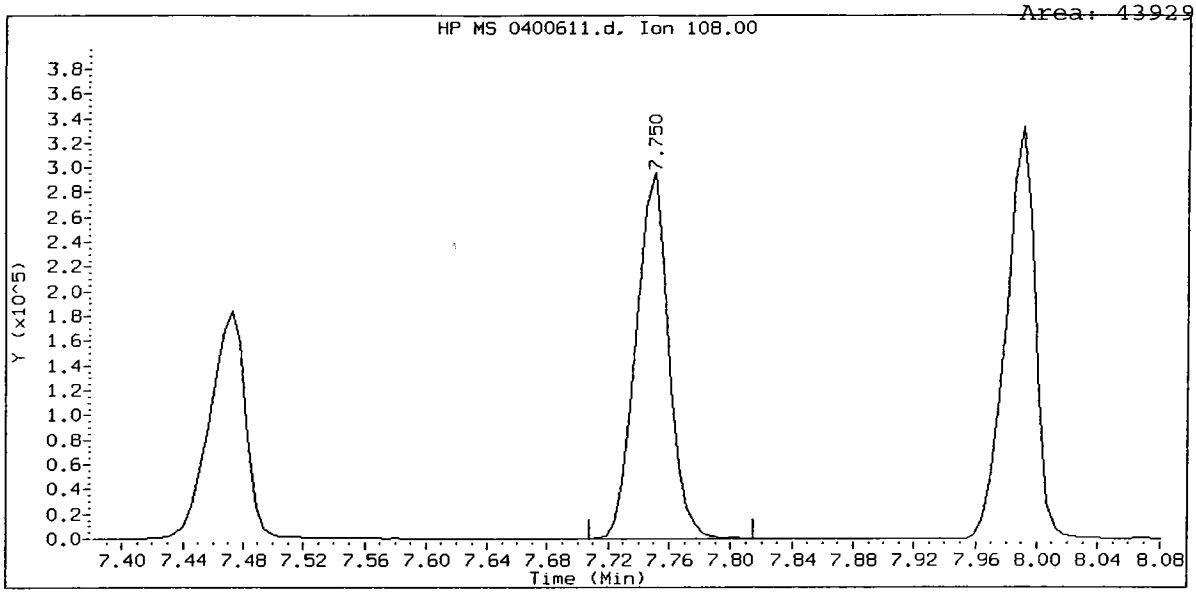
Column phase: ZB-5

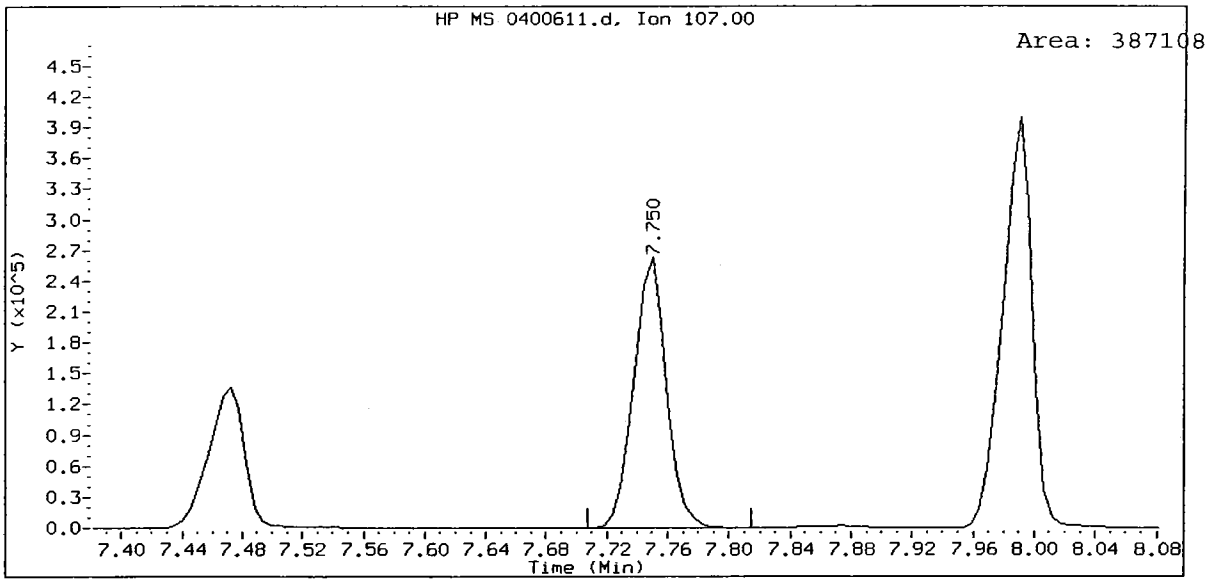
Instrument: nt6.i

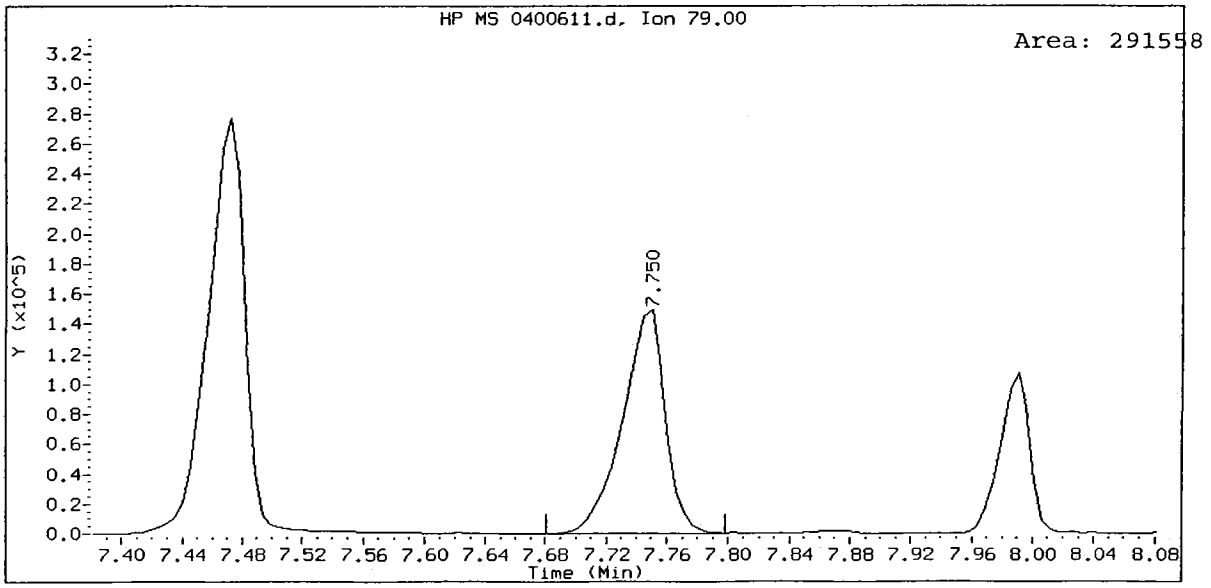
Operator: LJR/VTS
Column diameter: 0.32



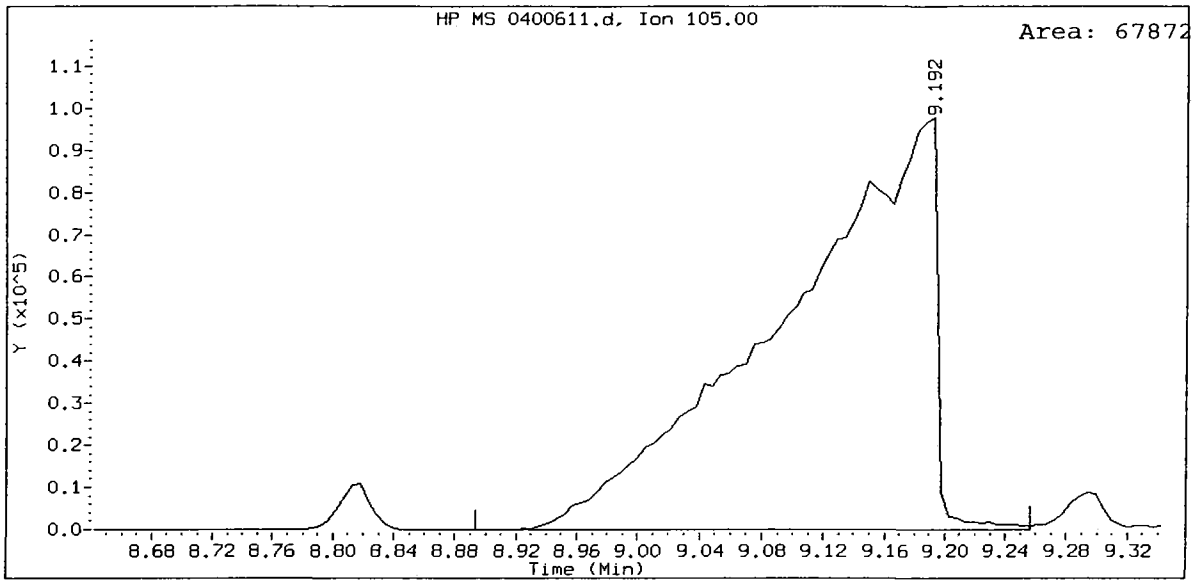
ABN 40, /chem1/nt6.i/20090611.b/0400611.d
2-Methylphenol Amount: 39.39

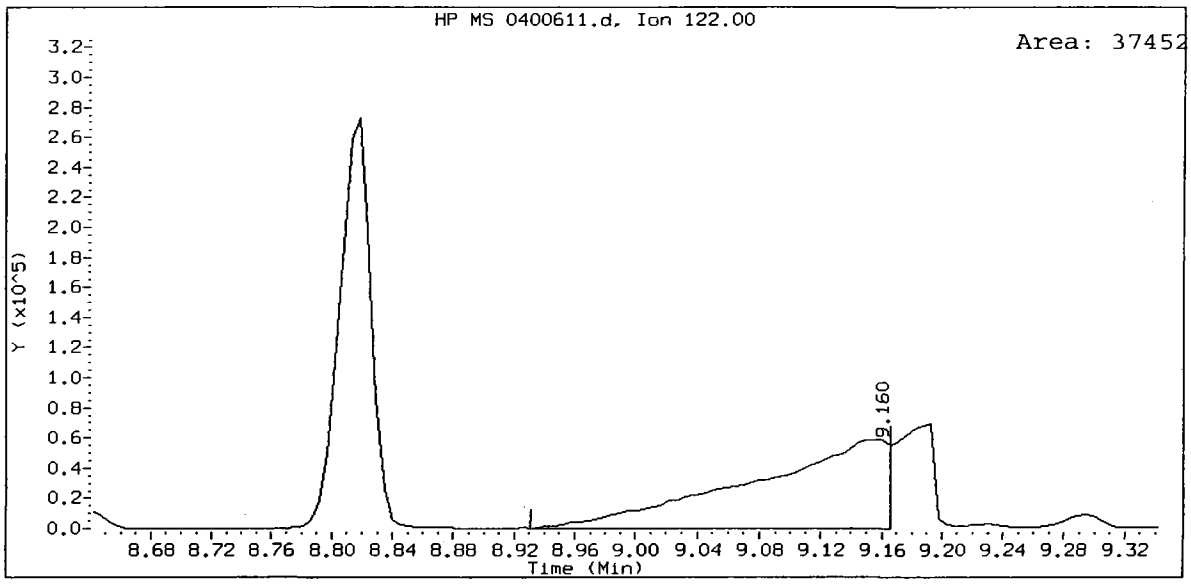


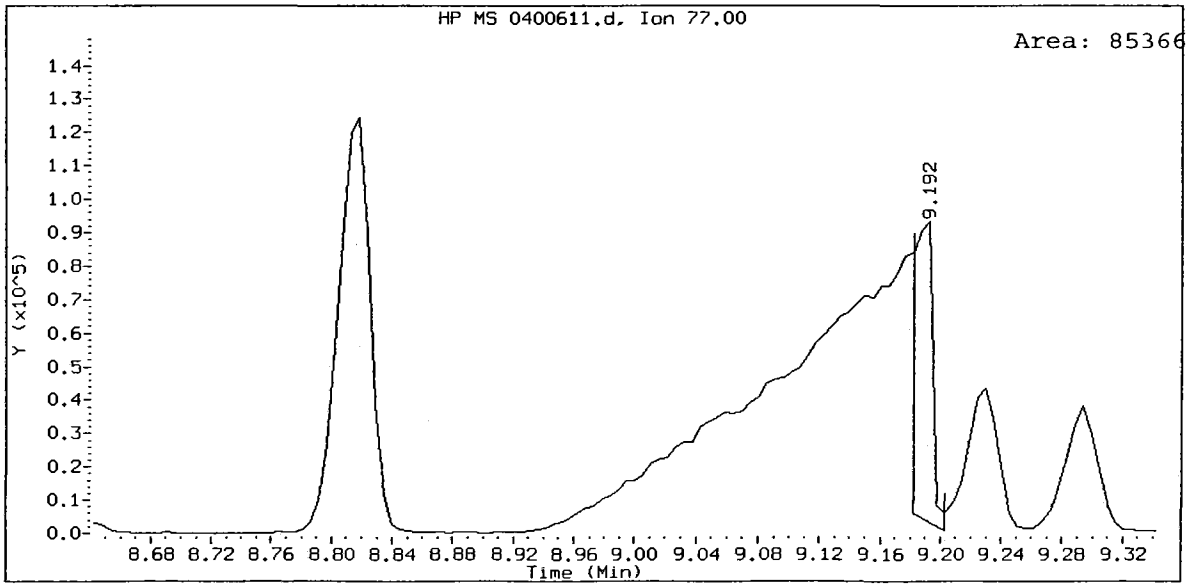




ABN 40, /chem1/nt6.i/20090611.b/0400611.d
Benzoic acid Amount: 90.65







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611.b/0800611.d
Lab Smp Id: ABN 80
Inj Date : 11-JUN-2009 11:04
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 80
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611.b/SW846.m
Meth Date : 11-Jun-2009 16:21 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 2 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.114	5.103	(0.716)	700257	80.0000	74.21
$	2 Phenol-d5	99	6.812	6.780	(0.954)	956730	80.0000	75.50
	3 Phenol	94	6.828	6.796	(0.956)	1017949	80.0000	74.38
$	5 2-Chlorophenol-d4	132	6.850	6.833	(0.959)	600302	80.0000	77.74
	4 Bis(2-Chloroethyl)ether	93	6.850	6.828	(0.959)	766346	80.0000	74.18
	6 2-Chlorophenol	128	6.876	6.855	(0.963)	649146	80.0000	75.09
	7 1,3-Dichlorobenzene	146	7.074	7.063	(0.990)	700347	80.0000	74.41
*	8 1,4-Dichlorobenzene-d4	152	7.143	7.127	(1.000)	114460	20.0000	
	9 1,4-Dichlorobenzene	146	7.170	7.154	(1.004)	717202	80.0000	76.10
$	10 1,2-Dichlorobenzene-d4	152	7.442	7.426	(1.042)	446674	80.0000	78.37
	12 1,2-Dichlorobenzene	146	7.464	7.448	(1.045)	691865	80.0000	74.77
	11 Benzyl alcohol	108	7.480	7.453	(1.047)	493933	80.0000	77.09
	14 2,2'-oxybis(1-Chloropropane)	45	7.731	7.720	(1.082)	950484	80.0000	74.27
	13 2-Methylphenol	108	7.758	7.731	(1.086)	678630	80.0000	75.71
	17 Hexachloroethane	117	7.945	7.939	(1.112)	331270	80.0000	76.04
	16 N-Nitroso-di-n-propylamine	70	7.971	7.934	(1.116)	611596	80.0000	71.98
	15 4-Methylphenol	108	7.998	7.971	(1.120)	698997	80.0000	76.30
$	18 Nitrobenzene-d5	82	8.105	8.078	(0.881)	852928	80.0000	72.27
	19 Nitrobenzene	77	8.131	8.104	(0.884)	857890	80.0000	70.03
	20 Isophorone	82	8.532	8.500	(0.927)	1442576	80.0000	70.41
	21 2-Nitrophenol	139	8.644	8.633	(0.940)	347870	80.0000	77.95
	22 2,4-Dimethylphenol	107	8.826	8.799	(0.959)	733347	80.0000	75.08
	23 Bis(2-Chloroethoxy)methane	93	8.949	8.927	(0.973)	823217	80.0000	72.93
	24 Benzoic acid	105	9.232	8.991	(1.003)	1059147	160.000	173.5(M)
	25 2,4-Dichlorophenol	162	9.055	9.034	(0.984)	525179	80.0000	82.56
	26 1,2,4-Trichlorobenzene	180	9.152	9.141	(0.995)	585231	80.0000	75.76
*	27 Naphthalene-d8	136	9.200	9.189	(1.000)	384289	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.232	9.215	(1.003)	1623757	80.0000	71.08
	29 4-Chloroaniline	127	9.408	9.392	(1.023)	755961	80.0000	76.76
	30 Hexachlorobutadiene	225	9.563	9.557	(1.039)	336266	80.0000	77.82
	31 4-Chloro-3-methylphenol	107	10.263	10.252	(1.116)	613331	80.0000	76.15
	32 2-Methylnaphthalene	141	10.353	10.342	(1.125)	909404	80.0000	73.08
	33 Hexachlorocyclopentadiene	237	10.733	10.732	(0.891)	325812	80.0000	81.05
	34 2,4,6-Trichlorophenol	196	10.893	10.876	(0.905)	357866	80.0000	79.19
	35 2,4,5-Trichlorophenol	196	10.952	10.941	(0.910)	376193	80.0000	81.22
$	36 2-Fluorobiphenyl	172	11.016	10.999	(0.915)	1193236	80.0000	75.86
	37 2-Chloronaphthalene	162	11.128	11.111	(0.924)	1091119	80.0000	77.40
	38 2-Nitroaniline	65	11.389	11.363	(0.946)	448273	80.0000	76.45
	39 Dimethylphthalate	163	11.779	11.758	(0.978)	1161580	80.0000	75.18
	40 Acenaphthylene	152	11.790	11.779	(0.979)	1583644	80.0000	75.24
	41 2,6-Dinitrotoluene	165	11.865	11.843	(0.985)	264149	80.0000	78.64
*	42 Acenaphthene-d10	164	12.041	12.030	(1.000)	211778	20.0000	
	43 3-Nitroaniline	138	12.068	12.035	(1.002)	302105	80.0000	78.77
	44 Acenaphthene	153	12.100	12.078	(1.005)	983330	80.0000	74.02
	45 2,4-Dinitrophenol	184	12.239	12.212	(1.016)	312259	160.000	160.7
	46 Dibenzofuran	168	12.362	12.340	(1.027)	1410257	80.0000	73.47
	47 4-Nitrophenol	109	12.447	12.409	(1.034)	204560	80.0000	83.65
	48 2,4-Dinitrotoluene	165	12.484	12.457	(1.037)	343535	80.0000	78.87
	50 Diethylphthalate	149	12.933	12.911	(1.074)	1062333	80.0000	75.54
	49 Fluorene	166	12.906	12.890	(1.072)	1171964	80.0000	74.65
	51 4-Chlorophenyl-phenylether	204	12.954	12.943	(1.076)	586072	80.0000	75.63
	52 4-Nitroaniline	138	13.072	13.018	(1.086)	268550	80.0000	78.80
	53 4,6-Dinitro-2-methylphenol	198	13.147	13.104	(0.914)	462450	160.000	179.2
	54 N-Nitrosodiphenylamine	169	13.179	13.152	(0.916)	806877	80.0000	75.47
$	55 2,4,6-Tribromophenol	330	13.334	13.317	(1.107)	168982	80.0000	83.68
	56 4-Bromophenyl-phenylether	248	13.724	13.713	(0.954)	346815	80.0000	79.58
	57 Hexachlorobenzene	284	13.921	13.910	(0.968)	349431	80.0000	78.56
	58 Pentachlorophenol	266	14.242	14.220	(0.990)	192557	80.0000	94.80
*	59 Phenanthrene-d10	188	14.386	14.375	(1.000)	342675	20.0000	
	60 Phenanthrene	178	14.429	14.412	(1.003)	1573061	80.0000	72.32
	61 Anthracene	178	14.503	14.482	(1.008)	1593579	80.0000	72.27
	62 Carbazole	167	14.808	14.786	(1.029)	1359163	80.0000	75.01
	63 Di-n-butylphthalate	149	15.561	15.550	(1.082)	1573410	80.0000	72.58
	64 Fluoranthene	202	16.346	16.330	(1.136)	1602844	80.0000	72.18
	65 Pyrene	202	16.688	16.672	(0.894)	1622958	80.0000	68.73
$	66 Terphenyl-d14	244	17.040	17.029	(0.913)	1078415	80.0000	70.83
	67 Butylbenzylphthalate	149	17.954	17.937	(0.962)	678229	80.0000	71.12
	68 Benzo(a)anthracene	228	18.643	18.621	(0.999)	1567549	80.0000	74.51
*	69 Chrysene-d12	240	18.664	18.648	(1.000)	285044	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.685	18.664	(1.001)	591919	80.0000	76.75
	71 Chrysene	228	18.712	18.680	(1.003)	1533626	80.0000	76.13
	72 bis(2-Ethylhexyl)phthalate	149	18.963	18.958	(0.953)	923723	80.0000	70.17
*	134 Di-n-octylphthalate-d4	153	19.898	19.887	(1.000)	424428	20.0000	
	73 Di-n-octylphthalate	149	19.909	19.898	(1.001)	1589799	80.0000	69.49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	20.293	20.261	(0.976)	1685671	80.0000	73.82
75	Benzo(k)fluoranthene	252	20.325	20.293	(0.978)	1739322	80.0000	74.16(M)
76	Benzo(a)pyrene	252	20.726	20.693	(0.997)	1573536	80.0000	76.13
* 77	Perylene-d12	264	20.790	20.779	(1.000)	315095	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.162	22.119	(1.066)	2290202	80.0000	83.12
79	Dibenzo(a,h)anthracene	278	22.189	22.151	(1.067)	1725059	80.0000	82.46
80	Benzo(g,h,i)perylene	276	22.472	22.419	(1.081)	1956824	80.0000	81.26
90	N-Nitrosodimethylamine	74	2.235	2.197	(0.313)	532287	80.0000	73.40
103	Pyridine	79	2.198	2.192	(0.308)	940759	80.0000	75.63
91	Aniline	93	6.705	6.684	(0.939)	1270117	80.0000	73.17
105	1-methylnaphthalene	141	10.524	10.508	(1.144)	870304	80.0000	73.03
93	Benzidine	184	16.629	16.613	(0.891)	729408	80.0000	67.41
111	Azobenzene (1,2-DP-Hydrazine)	77	13.211	13.189	(1.097)	1618555	80.0000	71.92
143	1,4-Dioxane	88	1.760	1.749	(0.246)	395658	80.0000	80.97
$ 137	d8-1,4-Dioxane	96	1.728	1.717	(0.242)	416954	80.0000	80.06
144	alpha-Terpineol	59	9.301	9.279	(1.011)	503974	80.0000	72.92
98	Retene	219	17.270	17.259	(0.925)	544773	80.0000	70.86
133	Butylatedhydroxytoluene	205	12.271	12.260	(1.019)	913837	80.0000	74.82
115	Tributyl Phosphate	99	13.334	13.301	(0.927)	1477009	80.0000	72.09
116	Dibutyl Phenyl Phosphate	175	15.016	15.000	(1.044)	828109	80.0000	77.73
117	Butyl Diphenyl Phosphate	94	16.672	16.661	(0.893)	358201	80.0000	71.91
118	Triphenyl Phosphate	326	18.253	18.231	(0.978)	231700	80.0000	72.54
123	Acetophenone	105	7.880	7.853	(1.103)	897585	80.0000	71.69
179	n-Decane	57	7.021	7.010	(0.983)	778512	80.0000	73.21
180	n-Octadecane	57	14.407	14.396	(1.001)	801072	80.0000	72.51
168	Pentachlorobenzene	250	12.404	12.388	(1.030)	425768	80.0000	75.78
113	Diphenyl Oxide	170	11.336	11.325	(0.941)	737021	80.0000	77.00
112	Biphenyl	154	11.144	11.127	(0.925)	1395256	80.0000	73.36

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: 0800611.d
Lab Smp Id: ABN 80
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611.b/SW846.m
Misc Info:

Calibration Date: 11-JUN-2009
Calibration Time: 10:27

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	114460	1.84
27 Naphthalene-d8	384492	192246	768984	384289	-0.05
42 Acenaphthene-d10	217478	108739	434956	211778	-2.62
59 Phenanthrene-d10	336594	168297	673188	342675	1.81
69 Chrysene-d12	247160	123580	494320	285044	15.33
134 Di-n-octylphthala	347036	173518	694072	424428	22.30
77 Perylene-d12	232938	116469	465876	315095	35.27

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.14	0.12
27 Naphthalene-d8	9.19	8.69	9.69	9.20	0.09
42 Acenaphthene-d10	12.03	11.53	12.53	12.04	0.07
59 Phenanthrene-d10	14.38	13.88	14.88	14.39	0.02
69 Chrysene-d12	18.66	18.16	19.16	18.66	0.05
134 Di-n-octylphthala	19.89	19.39	20.39	19.90	0.04
77 Perylene-d12	20.78	20.28	21.28	20.79	0.04

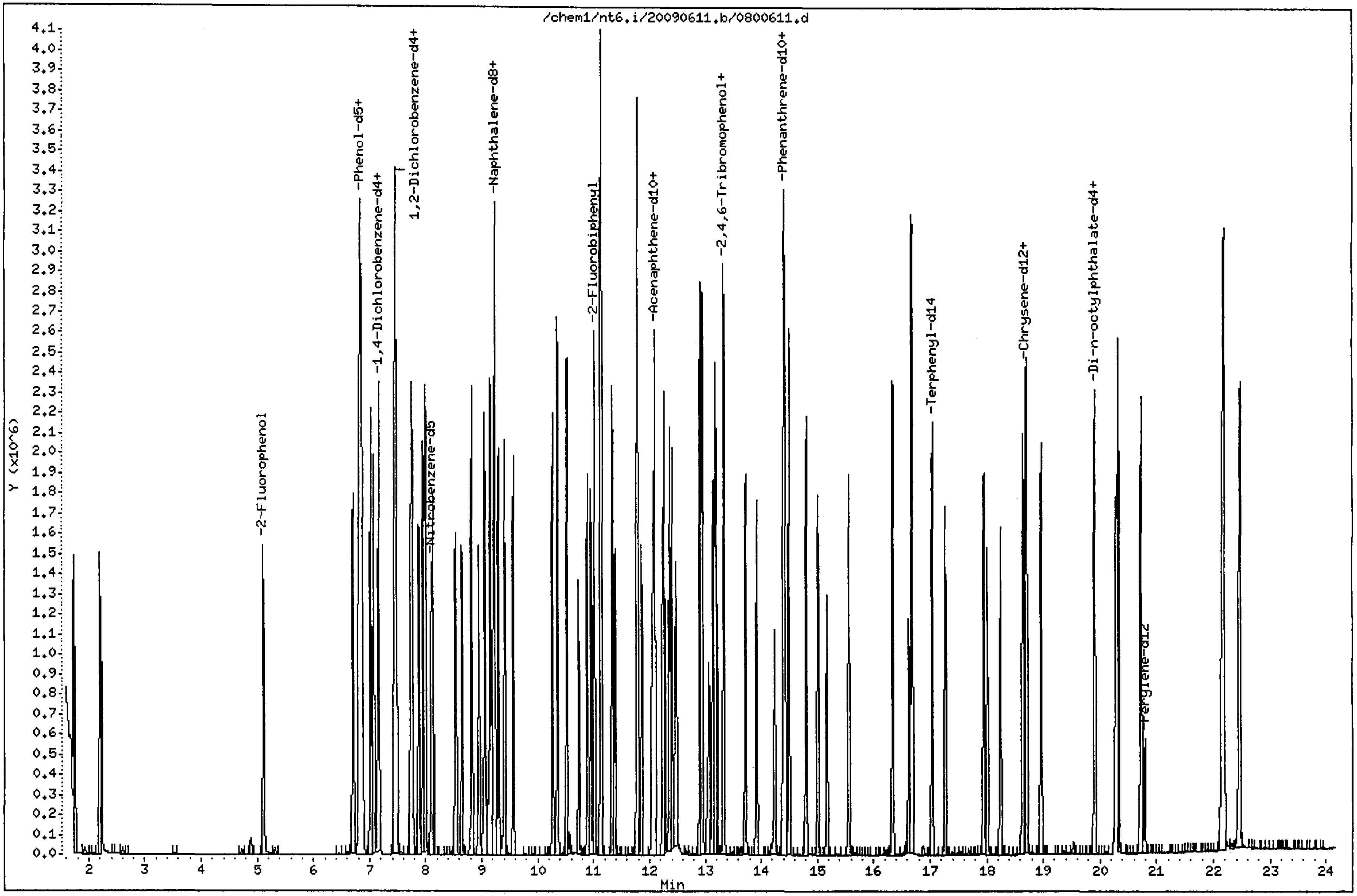
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20090611.b/0800611.d
Date : 11-JUN-2009 11:04
Client ID:
Sample Info: ABN 80

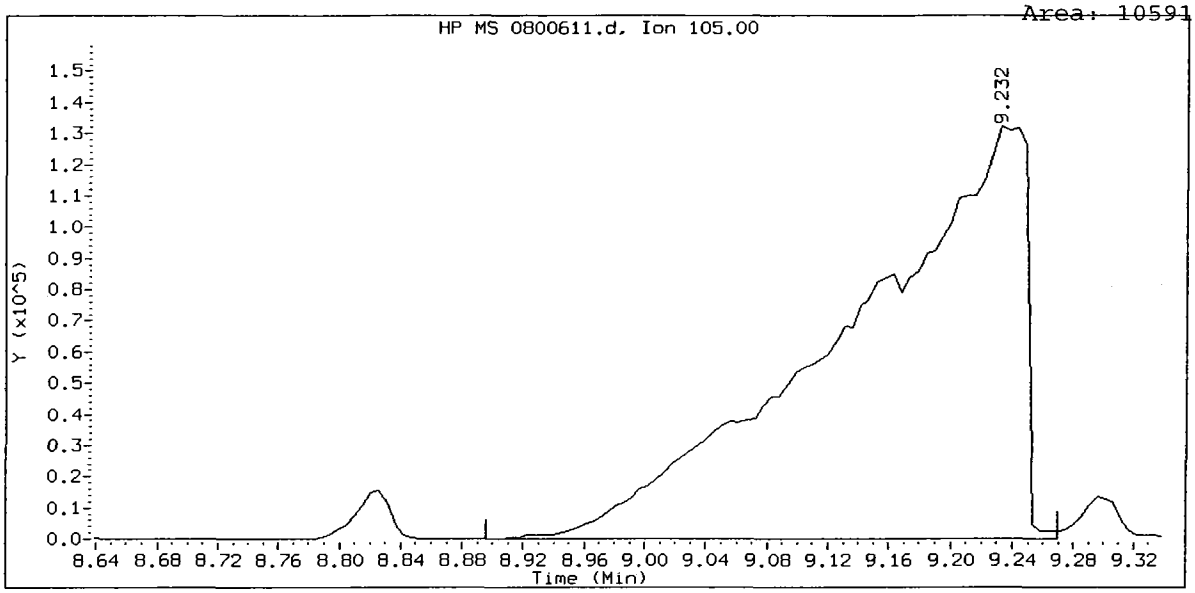
Column phase: ZB-5

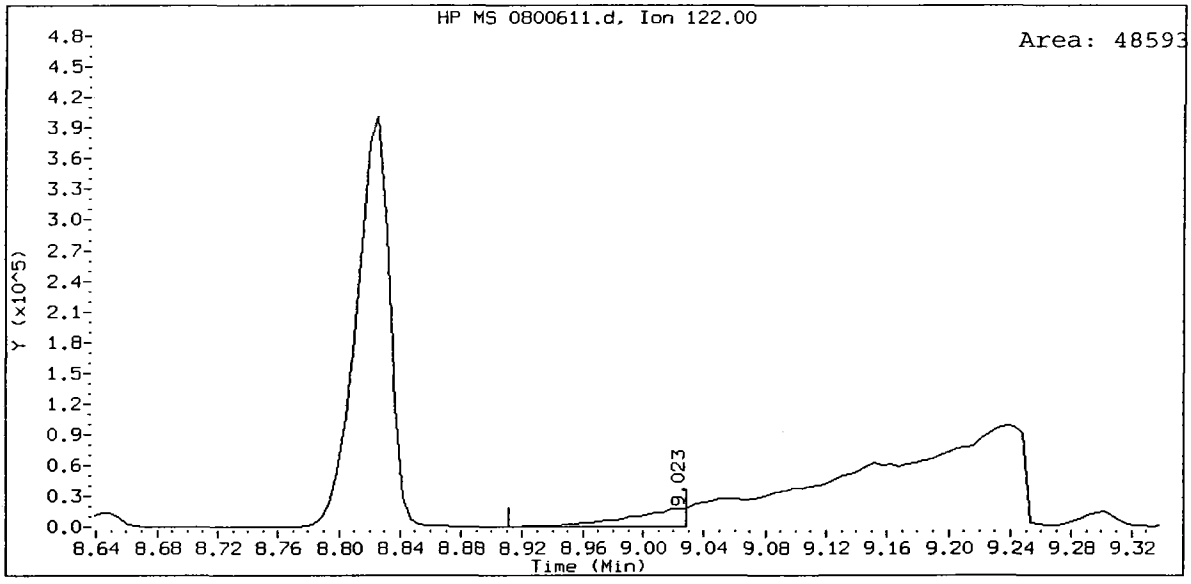
Instrument: nt6.i

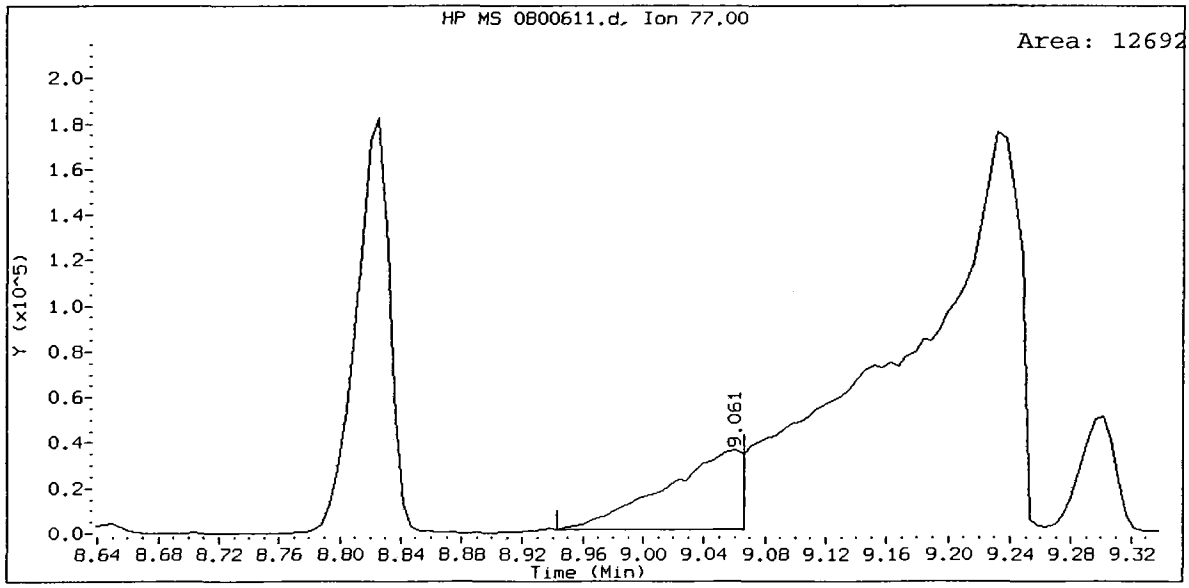
Operator: LJR/VTS
Column diameter: 0.32



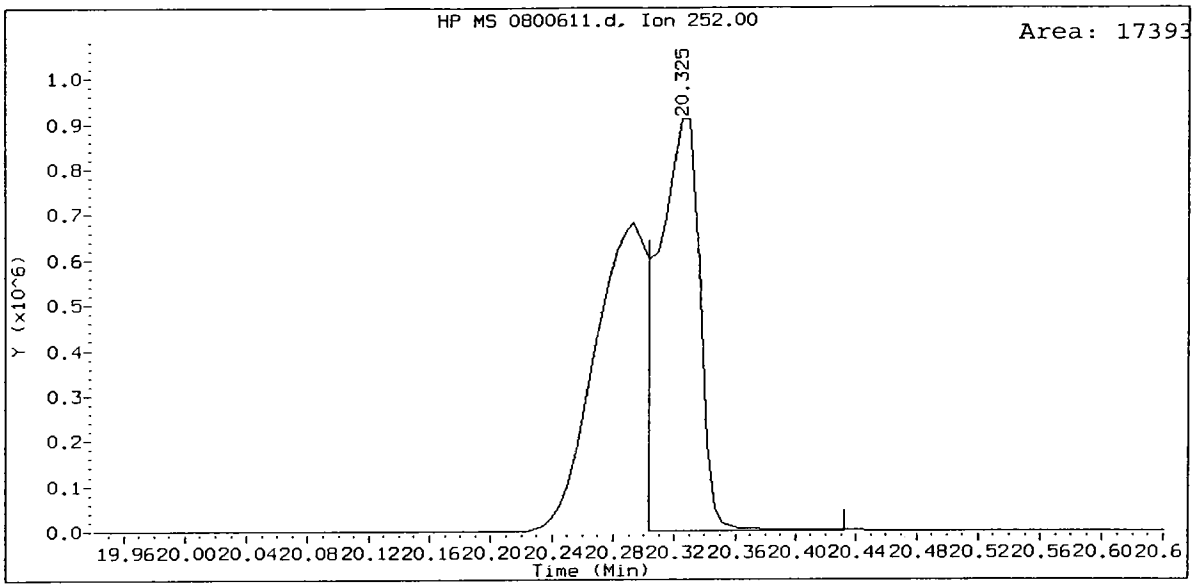
ABN 80, /chem1/nt6.i/20090611.b/0800611.d
Benzoic acid Amount: 173.51

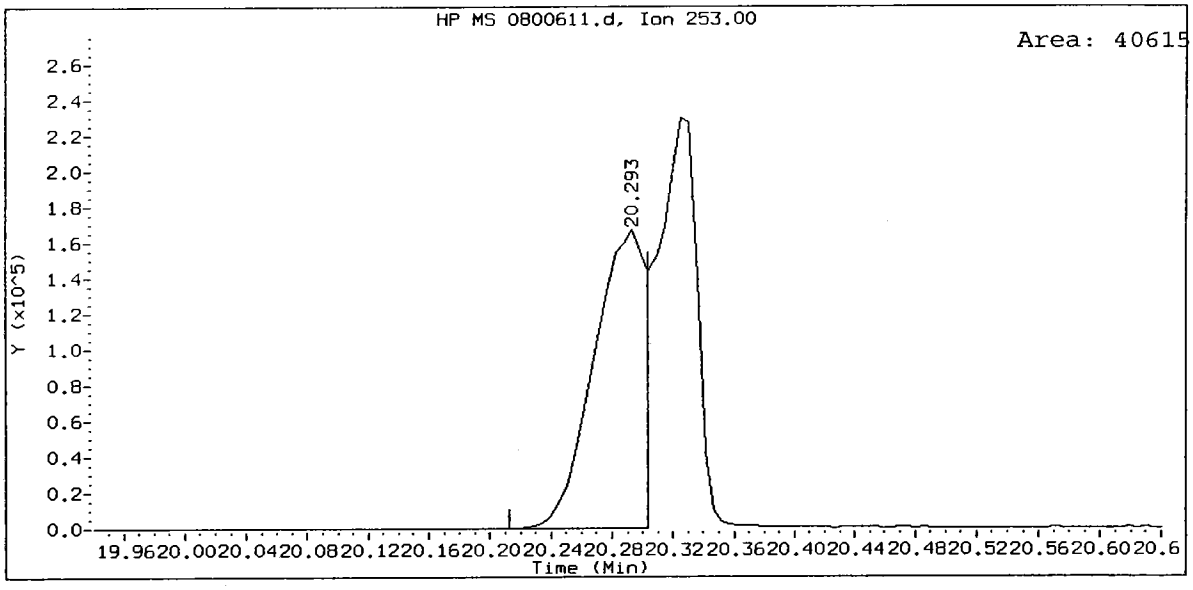


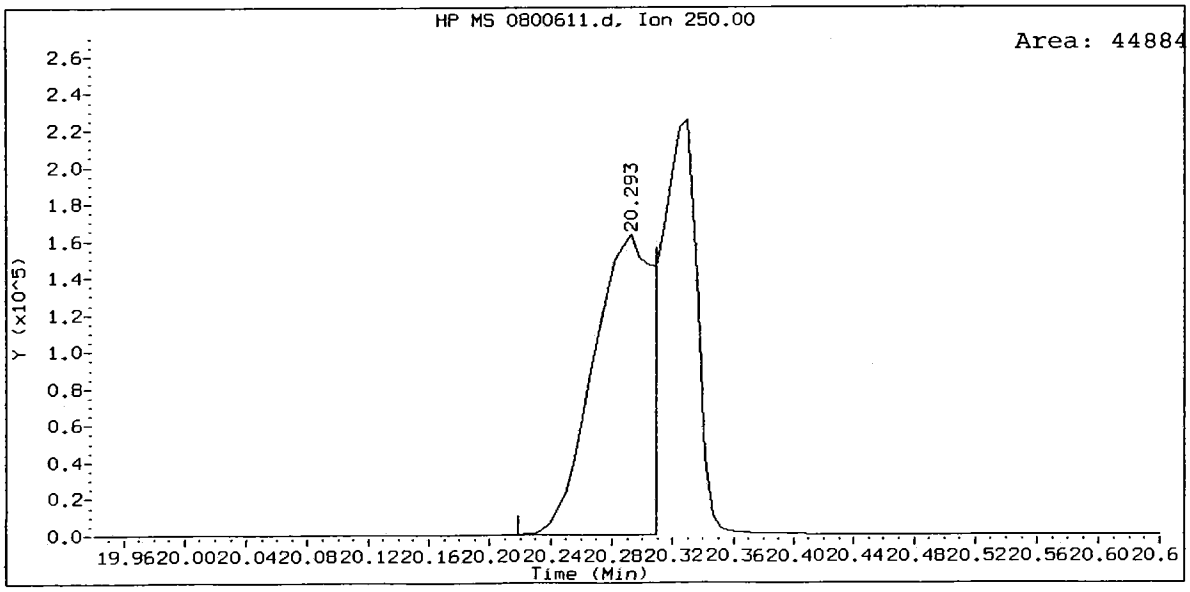




ABN 80, /chem1/nt6.i/20090611.b/0800611.d
Benzo(k)fluoranthene Amount: 74.16







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611.b/icv0611.d
Lab Smp Id: ABN ICV
Inj Date : 11-JUN-2009 14:54
Operator : LJR/VTS Inst ID: nt6.i LJR 6/11/09
Smp Info : ABN ICV
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611.b/SW846.m
Meth Date : 11-Jun-2009 16:22 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 9 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICV.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)
	3 Phenol	94	6.801	6.796	(0.954)	338615	27.0021	27.00
	4 Bis(2-Chloroethyl)ether	93	6.834	6.828	(0.958)	241459	25.5079	25.51
	6 2-Chlorophenol	128	6.860	6.855	(0.962)	215331	27.1848	27.18
	7 1,3-Dichlorobenzene	146	7.063	7.063	(0.990)	227210	26.3472	26.35
*	8 1,4-Dichlorobenzene-d4	152	7.133	7.127	(1.000)	104875	20.0000	
	9 1,4-Dichlorobenzene	146	7.159	7.154	(1.004)	234976	27.2099	27.21
	11 Benzyl alcohol	108	7.458	7.453	(1.046)	163422	27.8374	27.84
	12 1,2-Dichlorobenzene	146	7.453	7.448	(1.045)	222408	26.2341	26.23
	13 2-Methylphenol	108	7.736	7.731	(1.085)	225009	27.3982	27.40
	14 2,2'-oxybis(1-Chloropropane)	45	7.726	7.720	(1.083)	313126	26.7023	26.70
	15 4-Methylphenol	108	7.977	7.971	(1.118)	226675	27.0030	27.00
	16 N-Nitroso-di-n-propylamine	70	7.944	7.934	(1.114)	203812	26.1805	26.18
	17 Hexachloroethane	117	7.939	7.939	(1.113)	105998	26.5534	26.55
	19 Nitrobenzene	77	8.115	8.104	(0.883)	304585	26.8860	26.89
	20 Isophorone	82	8.511	8.500	(0.926)	454980	24.0143	24.01
	21 2-Nitrophenol	139	8.633	8.633	(0.939)	107822	26.1273	26.13
	22 2,4-Dimethylphenol	107	8.810	8.799	(0.958)	248959	27.5619	27.56
	23 Bis(2-Chloroethoxy)methane	93	8.938	8.927	(0.972)	272333	26.0919	26.09
	24 Benzoic acid	105	9.098	8.991	(0.990)	266802	47.2663	47.27
	25 2,4-Dichlorophenol	162	9.039	9.034	(0.983)	163648	27.8222	27.82
	26 1,2,4-Trichlorobenzene	180	9.146	9.141	(0.995)	183040	25.6245	25.62
*	27 Naphthalene-d8	136	9.194	9.189	(1.000)	355357	20.0000	
	28 Naphthalene	128	9.221	9.215	(1.003)	560729	26.5434	26.54
	29 4-Chloroaniline	127	9.397	9.392	(1.022)	237114	26.0354	26.04
	30 Hexachlorobutadiene	225	9.557	9.557	(1.040)	108523	27.1585	27.16
	31 4-Chloro-3-methylphenol	107	10.252	10.252	(1.115)	197140	26.4689	26.47
	32 2-Methylnaphthalene	141	10.343	10.342	(1.125)	295370	25.6671	25.67

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)
	33 Hexachlorocyclopentadiene	237	10.733	10.732	(0.892)	86829	23.3451	23.35
	34 2,4,6-Trichlorophenol	196	10.882	10.876	(0.904)	114493	27.3831	27.38
	35 2,4,5-Trichlorophenol	196	10.941	10.941	(0.909)	116215	27.1173	27.12
	37 2-Chloronaphthalene	162	11.112	11.111	(0.923)	334591	25.6528	25.65
	38 2-Nitroaniline	65	11.368	11.363	(0.945)	147583	27.2038	27.20
	39 Dimethylphthalate	163	11.763	11.758	(0.977)	368318	25.7658	25.77
	40 Acenaphthylene	152	11.779	11.779	(0.979)	473477	24.3124	24.31
	41 2,6-Dinitrotoluene	165	11.849	11.843	(0.984)	79244	25.4985	25.50
*	42 Acenaphthene-d10	164	12.036	12.030	(1.000)	195944	20.0000	
	43 3-Nitroaniline	138	12.046	12.035	(1.001)	91569	25.8059	25.81
	44 Acenaphthene	153	12.084	12.078	(1.004)	324025	26.3631	26.36
	45 2,4-Dinitrophenol	184	12.217	12.212	(1.015)	86164	55.9267	55.93
	46 Dibenzofuran	168	12.346	12.340	(1.026)	444329	25.0202	25.02
	47 4-Nitrophenol	109	12.415	12.409	(1.032)	58447	25.8305	25.83
	48 2,4-Dinitrotoluene	165	12.463	12.457	(1.036)	99860	24.7781	24.78
	49 Fluorene	166	12.896	12.890	(1.071)	383668	26.4123	26.41
	50 Diethylphthalate	149	12.922	12.911	(1.074)	325827	25.0415	25.04
	51 4-Chlorophenyl-phenylether	204	12.949	12.943	(1.076)	181281	25.2854	25.29
	52 4-Nitroaniline	138	13.035	13.018	(1.083)	79815	25.3127	25.31
	53 4,6-Dinitro-2-methylphenol	198	13.115	13.104	(0.912)	138613	60.7483	60.75
	54 N-Nitrosodiphenylamine	169	13.157	13.152	(0.915)	168403	17.8141	17.81
	56 4-Bromophenyl-phenylether	248	13.718	13.713	(0.954)	100420	26.0602	26.06
	57 Hexachlorobenzene	284	13.910	13.910	(0.967)	99438	25.2839	25.28
	58 Pentachlorophenol	266	14.226	14.220	(0.989)	49878	27.7710	27.77
*	59 Phenanthrene-d10	188	14.380	14.375	(1.000)	302996	20.0000	
	60 Phenanthrene	178	14.413	14.412	(1.002)	515998	26.8304	26.83
	61 Anthracene	178	14.487	14.482	(1.007)	497300	25.5062	25.51
	62 Carbazole	167	14.792	14.786	(1.029)	393289	24.5468	24.55
	63 Di-n-butylphthalate	149	15.556	15.550	(1.082)	495002	25.8229	25.82
	64 Fluoranthene	202	16.330	16.330	(1.136)	521696	26.5703	26.57
	65 Pyrene	202	16.672	16.672	(0.894)	530952	25.4631	25.46
	67 Butylbenzylphthalate	149	17.943	17.937	(0.962)	215875	25.6351	25.64
	68 Benzo(a)anthracene	228	18.627	18.621	(0.999)	491764	26.4713	26.47
*	69 Chrysene-d12	240	18.653	18.648	(1.000)	251700	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.669	18.664	(1.001)	172220	25.2883	25.29
	71 Chrysene	228	18.691	18.680	(1.002)	453237	25.4801	25.48
	72 bis(2-Ethylhexyl)phthalate	149	18.958	18.958	(0.953)	293436	25.3691	25.37
*	134 Di-n-octylphthalate-d4	153	19.887	19.887	(1.000)	372937	20.0000	
	73 Di-n-octylphthalate	149	19.898	19.898	(1.001)	505889	25.1654	25.17
	74 Benzo(b)fluoranthene	252	20.266	20.261	(0.975)	504981	26.1431	26.14
	75 Benzo(k)fluoranthene	252	20.298	20.293	(0.977)	530516	26.7400	26.74
	76 Benzo(a)pyrene	252	20.704	20.693	(0.996)	455612	26.0566	26.06
*	77 Perylene-d12	264	20.784	20.779	(1.000)	266554	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	22.130	22.119	(1.065)	656562	28.1672	28.17
	79 Dibenzo(a,h)anthracene	278	22.162	22.151	(1.066)	516262	29.1730	29.17
	80 Benzo(g,h,i)perylene	276	22.435	22.419	(1.079)	571907	28.0741	28.07
	103 Pyridine	79	2.197	2.192	(0.308)	275920	24.2086	24.21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)
90	N-Nitrosodimethylamine	74	2.219	2.197	(0.311)	174404	26.2480	26.25
91	Aniline	93	6.689	6.684	(0.938)	411398	25.8660	25.87
105	1-methylnaphthalene	141	10.514	10.508	(1.143)	290437	26.3543	26.35
111	Azobenzene (1,2-DP-Hydrazine)	77	13.195	13.189	(1.096)	529435	25.4253	25.43
93	Benzidine	184	16.618	16.613	(0.891)	225670	23.6176	23.62

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: icv0611.d
Lab Smp Id: ABN ICV
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611.b/SW846.m
Misc Info:

Calibration Date: 11-JUN-2009
Calibration Time: 10:27

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	104875	-6.69
27 Naphthalene-d8	384492	192246	768984	355357	-7.58
42 Acenaphthene-d10	217478	108739	434956	195944	-9.90
59 Phenanthrene-d10	336594	168297	673188	302996	-9.98
69 Chrysene-d12	247160	123580	494320	251700	1.84
134 Di-n-octylphthala	347036	173518	694072	372937	7.46
77 Perylene-d12	232938	116469	465876	266554	14.43

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.13	-0.03
27 Naphthalene-d8	9.19	8.69	9.69	9.19	0.03
42 Acenaphthene-d10	12.03	11.53	12.53	12.04	0.03
59 Phenanthrene-d10	14.38	13.88	14.88	14.38	-0.02
69 Chrysene-d12	18.66	18.16	19.16	18.65	-0.01
134 Di-n-octylphthala	19.89	19.39	20.39	19.89	-0.01
77 Perylene-d12	20.78	20.28	21.28	20.78	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Client SDG: 20090611
Sample Matrix: NONE Fraction: SV
Lab Smp Id: ABN ICV
Level: Operator: LJR/VTS
Data Type: MS DATA SampleType: LCS
SpikeList File: ICV.spk Quant Type: ISTD
Sublist File: ICV.sub
Method File: /chem1/nt6.i/20090611.b/SW846.m
Misc Info:

SPIKE COMPOUND	AMOUNT ADDED ug/mL	AMOUNT RECOVERED ug/mL	% RECOVERED	LIMITS
3 Phenol	25.00	27.00	108.01	
4 Bis(2-Chloroethyl)	25.00	25.51	102.03	
6 2-Chlorophenol	25.00	27.18	108.74	
7 1,3-Dichlorobenzen	25.00	26.35	105.39	
9 1,4-Dichlorobenzen	25.00	27.21	108.84	
11 Benzyl alcohol	25.00	27.84	111.35	
12 1,2-Dichlorobenzen	25.00	26.23	104.94	
13 2-Methylphenol	25.00	27.40	109.59	
14 2,2'-oxybis(1-Chlo	25.00	26.70	106.81	
15 4-Methylphenol	25.00	27.00	108.01	
16 N-Nitroso-di-n-pro	25.00	26.18	104.72	
17 Hexachloroethane	25.00	26.55	106.21	
19 Nitrobenzene	25.00	26.89	107.54	
20 Isophorone	25.00	24.01	96.06	
21 2-Nitrophenol	25.00	26.13	104.51	OK
22 2,4-Dimethylphenol	25.00	27.56	110.25	
23 Bis(2-Chloroethoxy	25.00	26.09	104.37	
24 Benzoic acid	50.00	47.27	94.53	
25 2,4-Dichlorophenol	25.00	27.82	111.29	
26 1,2,4-Trichloroben	25.00	25.62	102.50	
28 Naphthalene	25.00	26.54	106.17	
29 4-Chloroaniline	25.00	26.04	104.14	
30 Hexachlorobutadien	25.00	27.16	108.63	
31 4-Chloro-3-methylp	25.00	26.47	105.88	
32 2-Methylnaphthalen	25.00	25.67	102.67	
33 Hexachlorocyclopen	25.00	23.35	93.38	
34 2,4,6-Trichlorophe	25.00	27.38	109.53	
35 2,4,5-Trichlorophe	25.00	27.12	108.47	
37 2-Chloronaphthalen	25.00	25.65	102.61	
38 2-Nitroaniline	25.00	27.20	108.82	
39 Dimethylphthalate	25.00	25.77	103.06	
40 Acenaphthylene	25.00	24.31	97.25	
41 2,6-Dinitrotoluene	25.00	25.50	101.99	

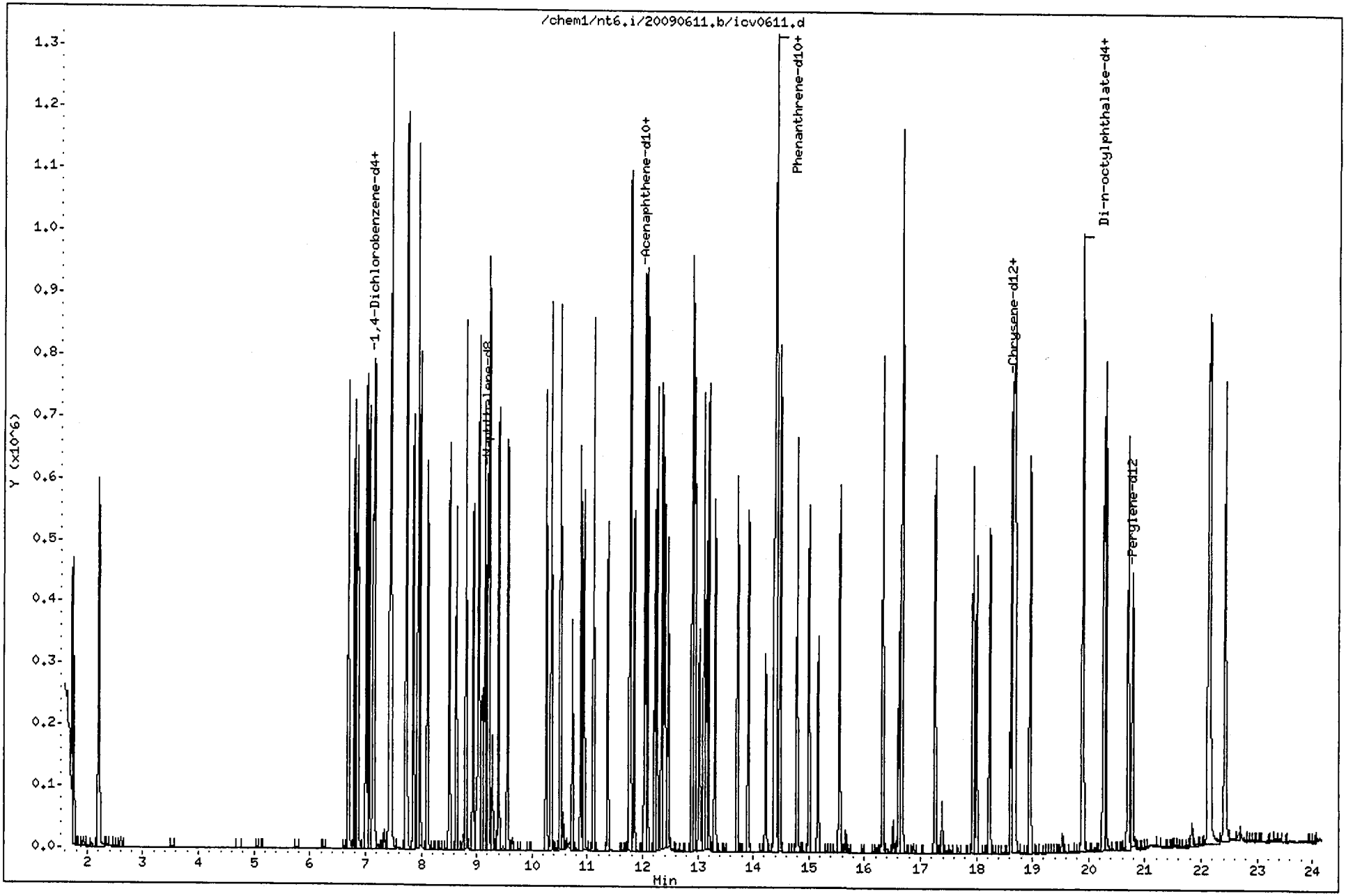
SPIKE COMPOUND	AMOUNT ADDED ug/mL	AMOUNT RECOVERED ug/mL	% RECOVERED	LIMITS
43 3-Nitroaniline	25.00	25.81	103.22	
44 Acenaphthene	25.00	26.36	105.45	
45 2,4-Dinitrophenol	50.00	55.93	111.85	
46 Dibenzofuran	25.00	25.02	100.08	
47 4-Nitrophenol	25.00	25.83	103.32	
48 2,4-Dinitrotoluene	25.00	24.78	99.11	
49 Fluorene	25.00	26.41	105.65	
50 Diethylphthalate	25.00	25.04	100.17	
51 4-Chlorophenyl-phe	25.00	25.29	101.14	
52 4-Nitroaniline	25.00	25.31	101.25	
53 4,6-Dinitro-2-meth	50.00	60.75	121.50	
54 N-Nitrosodiphenyla	25.00	17.81	71.26	
56 4-Bromophenyl-phen	25.00	26.06	104.24	
57 Hexachlorobenzene	25.00	25.28	101.14	
58 Pentachlorophenol	25.00	27.77	111.08	
60 Phenanthrene	25.00	26.83	107.32	OK
61 Anthracene	25.00	25.51	102.02	
62 Carbazole	25.00	24.55	98.19	
63 Di-n-butylphthalat	25.00	25.82	103.29	
64 Fluoranthene	25.00	26.57	106.28	
65 Pyrene	25.00	25.46	101.85	
67 Butylbenzylphthala	25.00	25.64	102.54	
68 Benzo(a)anthracene	25.00	26.47	105.89	
70 3,3'-Dichlorobenzi	25.00	25.29	101.15	
71 Chrysene	25.00	25.48	101.92	
72 bis(2-Ethylhexyl)p	25.00	25.37	101.48	
73 Di-n-octylphthalat	25.00	25.17	100.66	
74 Benzo(b)fluoranthe	25.00	26.14	104.57	
75 Benzo(k)fluoranthe	25.00	26.74	106.96	
76 Benzo(a)pyrene	25.00	26.06	104.23	
78 Indeno(1,2,3-cd)py	25.00	28.17	112.67	
79 Dibenzo(a,h)anthra	25.00	29.17	116.69	
80 Benzo(g,h,i)peryle	25.00	28.07	112.30	
90 N-Nitrosodimethyla	25.00	26.25	104.99	
91 Aniline	25.00	25.87	103.46	
93 Benzidine	25.00	23.62	94.47	
103 Pyridine	25.00	24.21	96.83	
105 1-methylnaphthalen	25.00	26.35	105.42	

Data File: /chem1/nt6.i/20090611.b/icv0611.d
Date : 11-JUN-2009 14:54
Client ID:
Sample Info: ABN ICV

Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32



7B

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Instrument ID: NT6 Cont. Calib. Date: 06/11/09

Init. Calib. Date: 06/11/09 Cont. Calib. Time: 1529

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift
Phenol	2.392	2.346	0.800	AVRG	-1.9
Bis(2-Chloroethyl)ether	1.805	1.744	0.700	AVRG	-3.4
2-Chlorophenol	1.510	1.476	0.800	AVRG	-2.2
1,3-Dichlorobenzene	1.644	1.622	0.010	AVRG	-1.3
1,4-Dichlorobenzene	1.647	1.629	0.010	AVRG	-1.1
1,2-Dichlorobenzene	1.616	1.598	0.010	AVRG	-1.1
Benzyl alcohol	1.120	1.134	0.010	AVRG	1.2
2,2'-oxybis(1-Chloropropane)	2.236	2.210	0.010	AVRG	-1.2
2-Methylphenol	1.566	1.571	0.700	AVRG	0.3
Hexachloroethane	0.761	0.767	0.300	AVRG	0.8
N-Nitroso-di-n-propylamine	1.484	1.472	0.500	AVRG	-0.8
4-Methylphenol	1.601	1.579	0.600	AVRG	-1.4
Nitrobenzene	0.638	0.646	0.200	AVRG	1.2
Isophorone	1.066	1.075	0.400	AVRG	0.8
2-Nitrophenol	0.232	0.226	0.100	AVRG	-2.6
2,4-Dimethylphenol	0.508	0.518	0.200	AVRG	2.0
Bis(2-Chloroethoxy)methane	0.588	0.586	0.300	AVRG	-0.3
2,4-Dichlorophenol	0.331	0.336	0.200	AVRG	1.5
1,2,4-Trichlorobenzene	0.402	0.387	0.010	AVRG	-3.7
Naphthalene	1.189	1.198	0.700	AVRG	0.8
Benzoic acid	0.318	0.323	0.010	AVRG	1.6
4-Chloroaniline	0.512	0.515	0.010	AVRG	0.6
Hexachlorobutadiene	0.225	0.224	0.010	AVRG	-0.4
4-Chloro-3-methylphenol	0.419	0.418	0.200	AVRG	-0.2
2-Methylnaphthalene	0.648	0.643	0.400	AVRG	-0.8
Hexachlorocyclopentadiene	25.00	22.08	0.050	LINR	-11.7
2,4,6-Trichlorophenol	0.427	0.437	0.200	AVRG	2.3
2,4,5-Trichlorophenol	0.437	0.442	0.200	AVRG	1.1
2-Chloronaphthalene	1.332	1.316	0.800	AVRG	-1.2
2-Nitroaniline	0.554	0.570	0.010	AVRG	2.9
Acenaphthylene	1.988	1.967	0.900	AVRG	-1.0
Dimethylphthalate	1.459	1.464	0.010	AVRG	0.3
2,6-Dinitrotoluene	0.317	0.312	0.200	AVRG	-1.6
Acenaphthene	1.254	1.250	0.900	AVRG	-0.3
3-Nitroaniline	0.362	0.367	0.010	AVRG	1.4
2,4-Dinitrophenol	50.00	46.10	0.010	LINR	-7.8
Dibenzofuran	1.813	1.816	0.800	AVRG	0.2

<- Exceeds QC limit of 20% D
* RF less than minimum RF

FORM VII SV-1

7C

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Instrument ID: NT6 Cont. Calib. Date: 06/11/09

Init. Calib. Date: 06/11/09 Cont. Calib. Time: 1529

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift
4-Nitrophenol	0.231	0.225	0.010	AVRG	-2.6
2,4-Dinitrotoluene	0.411	0.407	0.200	AVRG	-1.0
Fluorene	1.482	1.502	0.900	AVRG	1.3
4-Chlorophenyl-phenylether	0.732	0.718	0.400	AVRG	-1.9
Diethylphthalate	1.328	1.305	0.010	AVRG	-1.7
4-Nitroaniline	0.322	0.316	0.010	AVRG	-1.9
4,6-Dinitro-2-methylphenol	0.151	0.160	0.010	AVRG	6.0
N-Nitrosodiphenylamine(1)	0.624	0.613	0.010	AVRG	-1.8
4-Bromophenyl-phenylether	0.254	0.254	0.100	AVRG	0.0
Hexachlorobenzene	0.259	0.254	0.100	AVRG	-1.9
Pentachlorophenol	0.119	0.121	0.050	AVRG	1.7
Phenanthrene	1.270	1.266	0.700	AVRG	-0.3
Anthracene	1.287	1.301	0.700	AVRG	1.1
Carbazole	1.058	1.042	0.010	AVRG	-1.5
Di-n-butylphthalate	1.265	1.310	0.010	AVRG	3.6
Fluoranthene	1.296	1.315	0.600	AVRG	1.5
Pyrene	1.657	1.606	0.600	AVRG	-3.1
Butylbenzylphthalate	0.669	0.666	0.010	AVRG	-0.4
Benzo(a)anthracene	1.476	1.454	0.800	AVRG	-1.5
3,3'-Dichlorobenzidine	0.541	0.540	0.010	AVRG	-0.2
Chrysene	1.414	1.380	0.700	AVRG	-2.4
bis(2-Ethylhexyl)phthalate	0.620	0.611	0.010	AVRG	-1.4
Di-n-octylphthalate	1.078	1.066	0.010	AVRG	-1.1
Benzo(b)fluoranthene	1.449	1.595	0.700	AVRG	10.1
Benzo(k)fluoranthene	1.488	1.390	0.700	AVRG	-6.6
Benzo(a)pyrene	1.312	1.358	0.700	AVRG	3.5
Indeno(1,2,3-cd)pyrene	1.749	1.776	0.500	AVRG	1.5
Dibenzo(a,h)anthracene	1.328	1.365	0.400	AVRG	2.8
Benzo(g,h,i)perylene	1.528	1.560	0.500	AVRG	2.1
N-Nitrosodimethylamine	1.267	1.273	0.010	AVRG	0.5
Aniline	3.033	3.020	0.010	AVRG	-0.4
Benzidine	0.759	0.680	0.010	AVRG	-10.4
Pyridine	2.174	2.168	0.010	AVRG	-0.3
1-methylnaphthalene	0.620	0.611	0.010	AVRG	-1.4
Azobenzene (1,2-DP-Hydrazine	2.126	2.201	0.010	AVRG	3.5

(1) Cannot be separated from Diphenylamine

<- Exceeds QC limit of 20% D

* RF less than minimum RF

FORM VII SV-2

7C

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Instrument ID: NT6 Cont. Calib. Date: 06/11/09

Init. Calib. Date: 06/11/09 Cont. Calib. Time: 1529

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift
2-Fluorophenol	1.649	1.648	0.010	AVRG	-0.1
Phenol-d5	2.214	2.183	0.010	AVRG	-1.4
2-Chlorophenol-d4	1.349	1.324	0.010	AVRG	-1.8
1,2-Dichlorobenzene-d4	0.996	0.963	0.010	AVRG	-3.3
Nitrobenzene-d5	0.614	0.617	0.010	AVRG	0.5
2-Fluorobiphenyl	1.485	1.479	0.010	AVRG	-0.4
2,4,6-Tribromophenol	0.191	0.184	0.010	AVRG	-3.7
Terphenyl-d14	1.068	1.034	0.010	AVRG	-3.2

<- Exceeds QC limit of 20% D

* RF less than minimum RF

FORM VII SV-3

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611a.b/cc0611.d
Lab Smp Id: ABN 25
Inj Date : 11-JUN-2009 15:29
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611a.b/SW846.m
Meth Date : 12-Jun-2009 08:49 van Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.102	5.102	(0.715)	212301	25.0000	24.99
$	2 Phenol-d5	99	6.784	6.784	(0.951)	281174	25.0000	24.65
	3 Phenol	94	6.806	6.806	(0.954)	302110	25.0000	24.52
$	5 2-Chlorophenol-d4	132	6.838	6.838	(0.959)	170487	25.0000	24.53
	4 Bis(2-Chloroethyl)ether	93	6.832	6.832	(0.958)	224676	25.0000	24.16
	6 2-Chlorophenol	128	6.859	6.859	(0.962)	190151	25.0000	24.43
	7 1,3-Dichlorobenzene	146	7.062	7.062	(0.990)	208949	25.0000	24.66
*	8 1,4-Dichlorobenzene-d4	152	7.131	7.131	(1.000)	103041	20.0000	
	9 1,4-Dichlorobenzene	146	7.158	7.158	(1.004)	209854	25.0000	24.73
$	10 1,2-Dichlorobenzene-d4	152	7.431	7.431	(1.042)	124070	25.0000	24.18
	12 1,2-Dichlorobenzene	146	7.452	7.452	(1.045)	205795	25.0000	24.71
	11 Benzyl alcohol	108	7.463	7.463	(1.046)	146137	25.0000	25.34
	14 2,2'-oxybis(1-Chloropropane)	45	7.724	7.724	(1.083)	284704	25.0000	24.71
	13 2-Methylphenol	108	7.740	7.740	(1.085)	202349	25.0000	25.08
	17 Hexachloroethane	117	7.943	7.943	(1.114)	98801	25.0000	25.19
	16 N-Nitroso-di-n-propylamine	70	7.943	7.943	(1.114)	189569	25.0000	24.78
	15 4-Methylphenol	108	7.981	7.981	(1.119)	203384	25.0000	24.66
$	18 Nitrobenzene-d5	82	8.082	8.082	(0.879)	260605	25.0000	25.10
	19 Nitrobenzene	77	8.114	8.114	(0.883)	272854	25.0000	25.32
	20 Isophorone	82	8.509	8.509	(0.926)	454116	25.0000	25.20
	21 2-Nitrophenol	139	8.638	8.638	(0.940)	95456	25.0000	24.32
	22 2,4-Dimethylphenol	107	8.809	8.809	(0.958)	218849	25.0000	25.47
	23 Bis(2-Chloroethoxy)methane	93	8.937	8.937	(0.972)	247719	25.0000	24.95
	24 Benzoic acid	105	9.102	9.102	(0.990)	273170	50.0000	50.88(M)
	25 2,4-Dichlorophenol	162	9.038	9.038	(0.983)	141985	25.0000	25.38
	26 1,2,4-Trichlorobenzene	180	9.145	9.145	(0.995)	163494	25.0000	24.06
*	27 Naphthalene-d8	136	9.193	9.193	(1.000)	338029	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.220	9.220	(1.003)	506278	25.0000	25.19
	29 4-Chloroaniline	127	9.396	9.396	(1.022)	217744	25.0000	25.13
	30 Hexachlorobutadiene	225	9.562	9.562	(1.040)	94896	25.0000	24.97
	31 4-Chloro-3-methylphenol	107	10.256	10.256	(1.116)	176464	25.0000	24.91
	32 2-Methylnaphthalene	141	10.347	10.347	(1.125)	271861	25.0000	24.84
	33 Hexachlorocyclopentadiene	237	10.731	10.731	(0.892)	77730	25.0000	22.08
	34 2,4,6-Trichlorophenol	196	10.881	10.881	(0.904)	101354	25.0000	25.61
	35 2,4,5-Trichlorophenol	196	10.940	10.940	(0.909)	102543	25.0000	25.28
$	36 2-Fluorobiphenyl	172	11.004	11.004	(0.914)	342871	25.0000	24.89
	37 2-Chloronaphthalene	162	11.116	11.116	(0.924)	305015	25.0000	24.70
	38 2-Nitroaniline	65	11.372	11.372	(0.945)	132230	25.0000	25.75
	39 Dimethylphthalate	163	11.768	11.768	(0.978)	339472	25.0000	25.09
	40 Acenaphthylene	152	11.778	11.778	(0.979)	456177	25.0000	24.74
	41 2,6-Dinitrotoluene	165	11.848	11.848	(0.984)	72350	25.0000	24.59
*	42 Acenaphthene-d10	164	12.035	12.035	(1.000)	185486	20.0000	
	43 3-Nitroaniline	138	12.045	12.045	(1.001)	85113	25.0000	25.34
	44 Acenaphthene	153	12.083	12.083	(1.004)	289952	25.0000	24.92
	45 2,4-Dinitrophenol	184	12.216	12.216	(1.015)	63557	50.0000	46.10
	46 Dibenzofuran	168	12.350	12.350	(1.026)	421173	25.0000	25.05
	47 4-Nitrophenol	109	12.419	12.419	(1.032)	52197	25.0000	24.37
	48 2,4-Dinitrotoluene	165	12.462	12.462	(1.036)	94368	25.0000	24.74
	50 Diethylphthalate	149	12.916	12.916	(1.073)	302593	25.0000	24.57
	49 Fluorene	166	12.894	12.894	(1.071)	348199	25.0000	25.32
	51 4-Chlorophenyl-phenylether	204	12.948	12.948	(1.076)	166377	25.0000	24.51
	52 4-Nitroaniline	138	13.033	13.033	(1.083)	73405	25.0000	24.59
	53 4,6-Dinitro-2-methylphenol	198	13.113	13.113	(0.912)	116947	50.0000	53.05
	54 N-Nitrosodiphenylamine	169	13.156	13.156	(0.915)	224305	25.0000	24.56
$	55 2,4,6-Tribromophenol	330	13.322	13.322	(1.107)	42598	25.0000	24.09
	56 4-Bromophenyl-phenylether	248	13.717	13.717	(0.954)	92988	25.0000	24.98
	57 Hexachlorobenzene	284	13.915	13.915	(0.968)	93067	25.0000	24.49
	58 Pentachlorophenol	266	14.224	14.224	(0.989)	44140	25.0000	25.44
*	59 Phenanthrene-d10	188	14.379	14.379	(1.000)	292731	20.0000	
	60 Phenanthrene	178	14.417	14.417	(1.003)	463358	25.0000	24.94
	61 Anthracene	178	14.486	14.486	(1.007)	475922	25.0000	25.27
	62 Carbazole	167	14.791	14.791	(1.029)	381469	25.0000	24.64
	63 Di-n-butylphthalate	149	15.554	15.554	(1.082)	479209	25.0000	25.88
	64 Fluoranthene	202	16.329	16.329	(1.136)	481335	25.0000	25.37
	65 Pyrene	202	16.671	16.671	(0.894)	490545	25.0000	24.24
$	66 Terphenyl-d14	244	17.028	17.028	(0.913)	315884	25.0000	24.21
	67 Butylbenzylphthalate	149	17.942	17.942	(0.962)	203500	25.0000	24.90
	68 Benzo(a)anthracene	228	18.625	18.625	(0.999)	443966	25.0000	24.63
*	69 Chrysene-d12	240	18.652	18.652	(1.000)	244267	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.668	18.668	(1.001)	165000	25.0000	24.97
	71 Chrysene	228	18.690	18.690	(1.002)	421395	25.0000	24.41
	72 bis(2-Ethylhexyl)phthalate	149	18.957	18.957	(0.953)	279265	25.0000	24.61
*	134 Di-n-octylphthalate-d4	153	19.891	19.891	(1.000)	365840	20.0000	
	73 Di-n-octylphthalate	149	19.897	19.897	(1.000)	487584	25.0000	24.73

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	20.265	20.265	(0.975)	516722	25.0000	27.52
75	Benzo(k)fluoranthene	252	20.303	20.303	(0.977)	450328	25.0000	23.35
76	Benzo(a)pyrene	252	20.703	20.703	(0.996)	439852	25.0000	25.88
* 77	Perylene-d12	264	20.783	20.783	(1.000)	259139	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.135	22.135	(1.065)	575328	25.0000	25.39
79	Dibenzo(a,h)anthracene	278	22.161	22.161	(1.066)	442062	25.0000	25.69
80	Benzo(g,h,i)perylene	276	22.428	22.428	(1.079)	505209	25.0000	25.51
90	N-Nitrosodimethylamine	74	2.207	2.207	(0.309)	163994	25.0000	25.12
103	Pyridine	79	2.186	2.186	(0.306)	279232	25.0000	24.94
91	Aniline	93	6.688	6.688	(0.938)	388926	25.0000	24.89
105	1-methylnaphthalene	141	10.512	10.512	(1.143)	258217	25.0000	24.63
93	Benzidine	184	16.617	16.617	(0.891)	207671	25.0000	22.40
111	Azobenzene (1,2-DP-Hydrazine)	77	13.194	13.194	(1.096)	510430	25.0000	25.89
143	1,4-Dioxane	88	1.748	1.748	(0.245)	117580	25.0000	26.73
$ 137	d8-1,4-Dioxane	96	1.716	1.716	(0.241)	117776	25.0000	25.12
144	alpha-Terpineol	59	9.284	9.284	(1.010)	152894	25.0000	25.15
98	Retene	219	17.263	17.263	(0.926)	163391	25.0000	24.80
133	Butylatedhydroxytoluene	205	12.259	12.259	(1.019)	256983	25.0000	24.02
115	Tributyl Phosphate	99	13.311	13.311	(0.926)	442114	25.0000	25.26
116	Dibutyl Phenyl Phosphate	175	15.004	15.004	(1.043)	230719	25.0000	25.35
117	Butyl Diphenyl Phosphate	94	16.660	16.660	(0.893)	104596	25.0000	24.50
118	Triphenyl Phosphate	326	18.241	18.241	(0.978)	69140	25.0000	25.26
123	Acetophenone	105	7.858	7.858	(1.102)	276509	25.0000	24.53
179	n-Decane	57	7.014	7.014	(0.984)	239640	25.0000	25.03
180	n-Octadecane	57	14.401	14.401	(1.001)	240805	25.0000	25.52
168	Pentachlorobenzene	250	12.392	12.392	(1.030)	121617	25.0000	24.71
113	Diphenyl Oxide	170	11.330	11.330	(0.941)	205945	25.0000	24.57
112	Biphenyl	154	11.132	11.132	(0.925)	417651	25.0000	25.07

QC Flag Legend

M - Compound response manually integrated.

VTS
6.12.2009

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: cc0611.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info:

Calibration Date: 11-JUN-2009
Calibration Time: 15:29

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

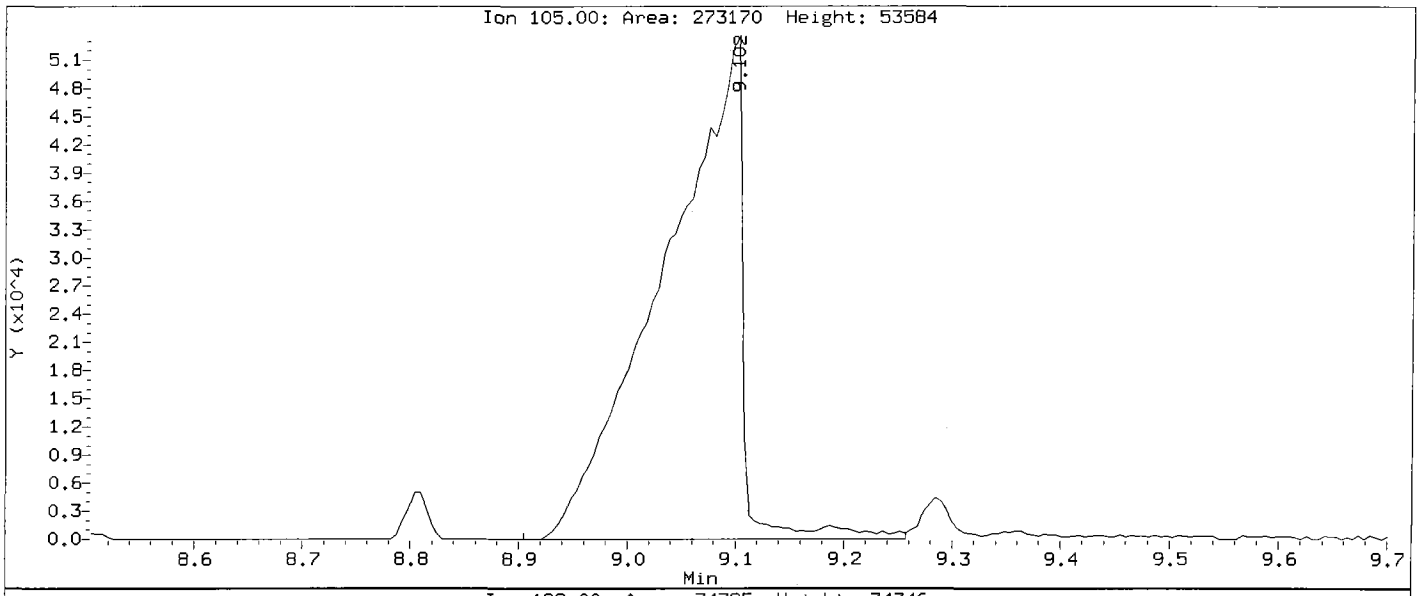
		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	103041	-8.32
27 Naphthalene-d8	384492	192246	768984	338029	-12.08
42 Acenaphthene-d10	217478	108739	434956	185486	-14.71
59 Phenanthrene-d10	336594	168297	673188	292731	-13.03
69 Chrysene-d12	247160	123580	494320	244267	-1.17
134 Di-n-octylphthala	347036	173518	694072	365840	5.42
77 Perylene-d12	232938	116469	465876	259139	11.25

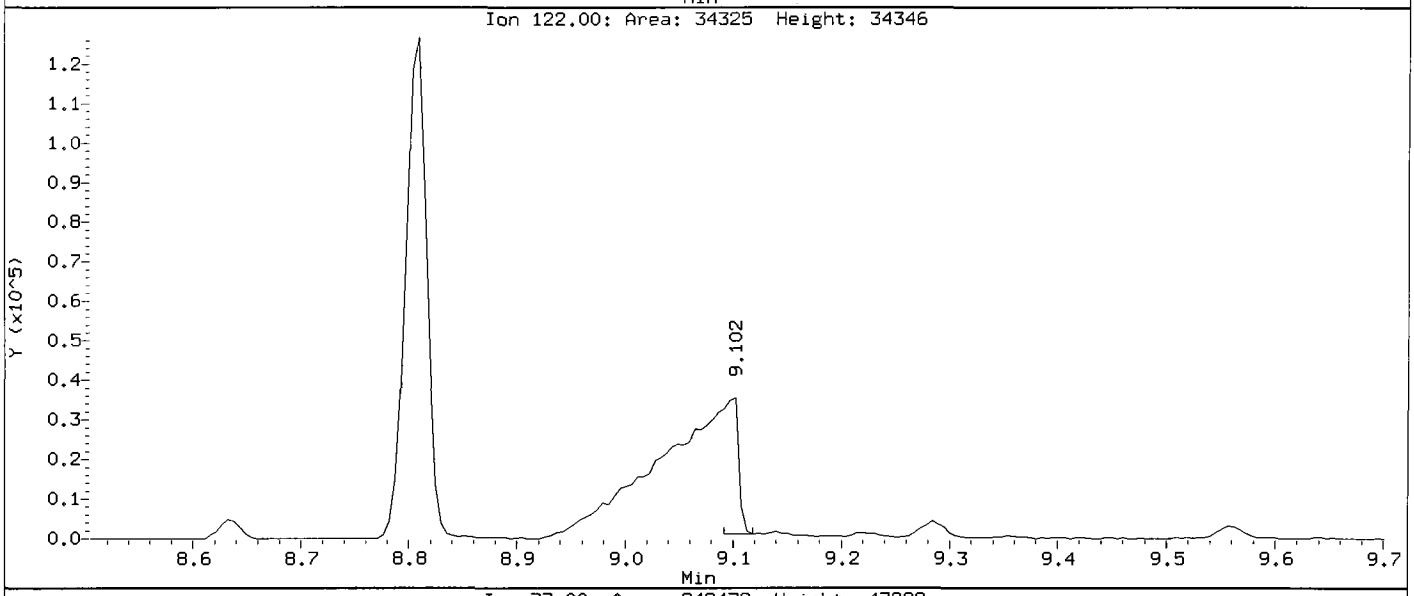
		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.13	0.00
27 Naphthalene-d8	9.19	8.69	9.69	9.19	0.00
42 Acenaphthene-d10	12.03	11.53	12.53	12.03	0.00
59 Phenanthrene-d10	14.38	13.88	14.88	14.38	0.00
69 Chrysene-d12	18.65	18.15	19.15	18.65	0.00
134 Di-n-octylphthala	19.89	19.39	20.39	19.89	0.00
77 Perylene-d12	20.78	20.28	21.28	20.78	0.00

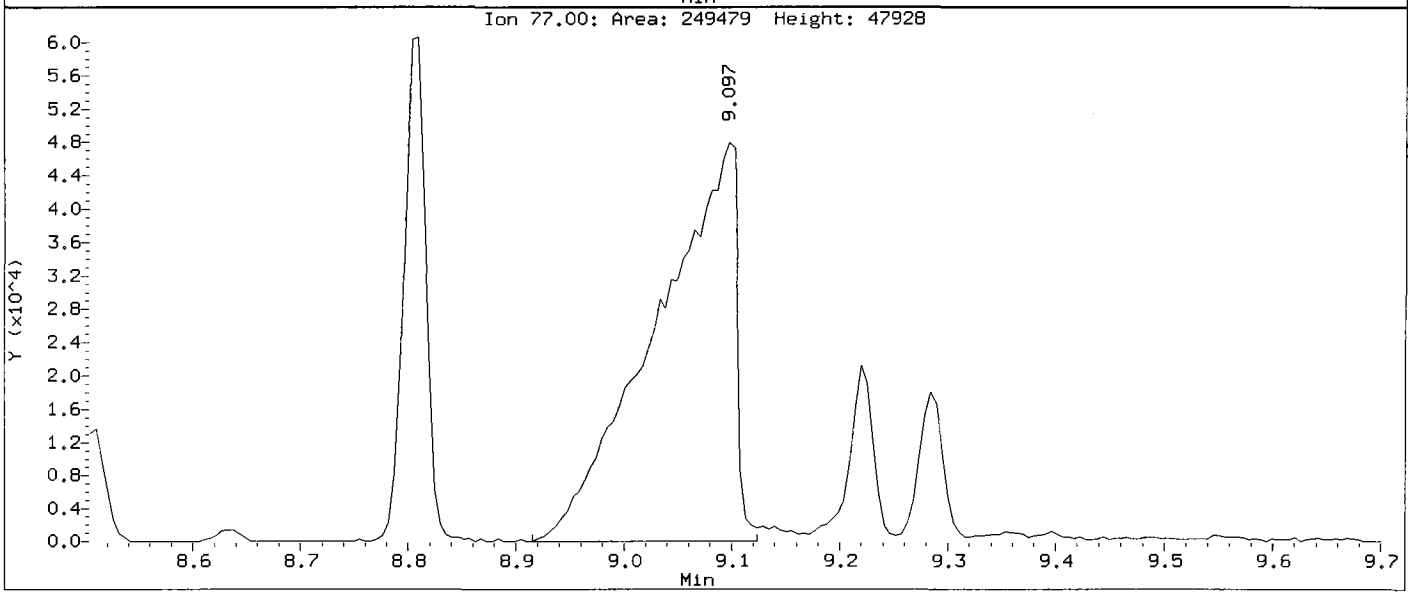
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20090611a.b/cc0611.d
Injection Date: 11-JUN-2009 15:29
Instrument: nt6.i
Client Sample ID:

Compound: Benzoic acid
CAS Number: 65-85-0







Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i Injection Date: 11-JUN-2009 15:29
Lab File ID: cc0611.d Init. Cal. Date(s): 11-JUN-2009 11-JUN-2009
Analysis Type: Init. Cal. Times: 10:27 14:21
Lab Sample ID: ABN 25 Quant Type: ISTD
Method: /chem1/nt6.i/20090611a.b/SW846.m

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 2-Fluorophenol	1.64888	1.64828	1.64828	0.010	-0.03591	20.00000	Averaged
$ 2 Phenol-d5	2.21423	2.18301	2.18301	0.010	-1.41007	20.00000	Averaged
3 Phenol	2.39148	2.34555	2.34555	0.800	-1.92062	20.00000	Averaged
$ 5 2-Chlorophenol-d4	1.34927	1.32364	1.32364	0.010	-1.89932	20.00000	Averaged
4 Bis(2-Chloroethyl)ether	1.80520	1.74436	1.74436	0.700	-3.37038	20.00000	Averaged
6 2-Chlorophenol	1.51056	1.47631	1.47631	0.800	-2.26715	20.00000	Averaged
7 1,3-Dichlorobenzene	1.64456	1.62226	1.62226	0.010	-1.35616	20.00000	Averaged
9 1,4-Dichlorobenzene	1.64685	1.62929	1.62929	0.010	-1.06660	20.00000	Averaged
$ 10 1,2-Dichlorobenzene-d4	0.99590	0.96327	0.96327	0.010	-3.27703	20.00000	Averaged
12 1,2-Dichlorobenzene	1.61674	1.59777	1.59777	0.010	-1.17353	20.00000	Averaged
11 Benzyl alcohol	1.11954	1.13459	1.13459	0.010	1.34444	20.00000	Averaged
14 2,2'-oxybis(1-Chloropropane	2.23629	2.21041	2.21041	0.010	-1.15707	20.00000	Averaged
13 2-Methylphenol	1.56616	1.57102	1.57102	0.700	0.31031	20.00000	Averaged
17 Hexachloroethane	0.76126	0.76708	0.76708	0.300	0.76412	20.00000	Averaged
16 N-Nitroso-di-n-propylamine	1.48460	1.47179	1.47179	0.500	-0.86273	20.00000	Averaged
15 4-Methylphenol	1.60085	1.57905	1.57905	0.600	-1.36154	20.00000	Averaged
$ 18 Nitrobenzene-d5	0.61423	0.61676	0.61676	0.010	0.41217	20.00000	Averaged
19 Nitrobenzene	0.63760	0.64575	0.64575	0.200	1.27895	20.00000	Averaged
20 Isophorone	1.06632	1.07474	1.07474	0.400	0.78938	20.00000	Averaged
21 2-Nitrophenol	0.23226	0.22591	0.22591	0.100	-2.73402	20.00000	Averaged
22 2,4-Dimethylphenol	0.50838	0.51794	0.51794	0.200	1.88175	20.00000	Averaged
23 Bis(2-Chloroethoxy)methane	0.58743	0.58627	0.58627	0.300	-0.19871	20.00000	Averaged
24 Benzoic acid	0.31769	0.32325	0.32325	0.010	1.75056	20.00000	Averaged
25 2,4-Dichlorophenol	0.33104	0.33603	0.33603	0.200	1.50658	20.00000	Averaged
26 1,2,4-Trichlorobenzene	0.40203	0.38693	0.38693	0.010	-3.75431	20.00000	Averaged
28 Naphthalene	1.18895	1.19819	1.19819	0.700	0.77741	20.00000	Averaged
29 4-Chloroaniline	0.51258	0.51533	0.51533	0.010	0.53645	20.00000	Averaged
30 Hexachlorobutadiene	0.22490	0.22459	0.22459	0.010	-0.13741	20.00000	Averaged
31 4-Chloro-3-methylphenol	0.41918	0.41763	0.41763	0.200	-0.37029	20.00000	Averaged
32 2-Methylnaphthalene	0.64767	0.64340	0.64340	0.400	-0.65924	20.00000	Averaged
33 Hexachlorocyclopentadiene	22.07705	25.00000	0.33525	0.050	-11.69182	20.00000	Linear
34 2,4,6-Trichlorophenol	0.42677	0.43714	0.43714	0.200	2.42945	20.00000	Averaged
35 2,4,5-Trichlorophenol	0.43744	0.44227	0.44227	0.200	1.10467	20.00000	Averaged
$ 36 2-Fluorobiphenyl	1.48556	1.47880	1.47880	0.010	-0.45475	20.00000	Averaged
37 2-Chloronaphthalene	1.33131	1.31553	1.31553	0.800	-1.18511	20.00000	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i Injection Date: 11-JUN-2009 15:29
Lab File ID: cc0611.d Init. Cal. Date(s): 11-JUN-2009 11-JUN-2009
Analysis Type: Init. Cal. Times: 10:27 14:21
Lab Sample ID: ABN 25 Quant Type: ISTD
Method: /chem1/nt6.i/20090611a.b/SW846.m

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
38 2-Nitroaniline	0.55374	0.57031	0.57031	0.010	2.99198	20.00000	Averaged
39 Dimethylphthalate	1.45908	1.46414	1.46414	0.010	0.34718	20.00000	Averaged
40 Acenaphthylene	1.98779	1.96749	1.96749	0.900	-1.02118	20.00000	Averaged
41 2,6-Dinitrotoluene	0.31721	0.31205	0.31205	0.200	-1.62879	20.00000	Averaged
43 3-Nitroaniline	0.36218	0.36709	0.36709	0.010	1.35539	20.00000	Averaged
44 Acenaphthene	1.25453	1.25056	1.25056	0.900	-0.31596	20.00000	Averaged
45 2,4-Dinitrophenol	46.10066	50.00000	0.13706	0.010	-7.79867	20.00000	Linear
46 Dibenzofuran	1.81264	1.81652	1.81652	0.800	0.21384	20.00000	Averaged
47 4-Nitrophenol	0.23096	0.22513	0.22513	0.010	-2.52423	20.00000	Averaged
48 2,4-Dinitrotoluene	0.41136	0.40701	0.40701	0.200	-1.05767	20.00000	Averaged
50 Diethylphthalate	1.32808	1.30508	1.30508	0.010	-1.73186	20.00000	Averaged
49 Fluorene	1.48268	1.50178	1.50178	0.900	1.28839	20.00000	Averaged
51 4-Chlorophenyl-phenylether	0.73178	0.71758	0.71758	0.400	-1.94007	20.00000	Averaged
52 4-Nitroaniline	0.32184	0.31660	0.31660	0.010	-1.63040	20.00000	Averaged
53 4,6-Dinitro-2-methylphenol	0.15061	0.15980	0.15980	0.010	6.10046	20.00000	Averaged
54 N-Nitrosodiphenylamine	0.62399	0.61300	0.61300	0.010	-1.76137	20.00000	Averaged
$ 55 2,4,6-Tribromophenol	0.19070	0.18372	0.18372	0.010	-3.65713	20.00000	Averaged
56 4-Bromophenyl-phenylether	0.25435	0.25413	0.25413	0.100	-0.08921	20.00000	Averaged
57 Hexachlorobenzene	0.25960	0.25434	0.25434	0.100	-2.02508	20.00000	Averaged
58 Pentachlorophenol	0.11855	0.12063	0.12063	0.050	1.75200	20.00000	Averaged
60 Phenanthrene	1.26944	1.26630	1.26630	0.700	-0.24738	20.00000	Averaged
61 Anthracene	1.28696	1.30064	1.30064	0.700	1.06282	20.00000	Averaged
62 Carbazole	1.05757	1.04251	1.04251	0.010	-1.42411	20.00000	Averaged
63 Di-n-butylphthalate	1.26530	1.30962	1.30962	0.010	3.50273	20.00000	Averaged
64 Fluoranthene	1.29603	1.31543	1.31543	0.600	1.49716	20.00000	Averaged
65 Pyrene	1.65688	1.60659	1.60659	0.600	-3.03528	20.00000	Averaged
$ 66 Terphenyl-d14	1.06822	1.03455	1.03455	0.010	-3.15206	20.00000	Averaged
67 Butylbenzylphthalate	0.66913	0.66648	0.66648	0.010	-0.39619	20.00000	Averaged
68 Benzo(a)anthracene	1.47614	1.45404	1.45404	0.800	-1.49776	20.00000	Averaged
70 3,3'-Dichlorobenzidine	0.54114	0.54039	0.54039	0.010	-0.13841	20.00000	Averaged
71 Chrysene	1.41342	1.38011	1.38011	0.700	-2.35642	20.00000	Averaged
72 bis(2-Ethylhexyl)phthalate	0.62030	0.61068	0.61068	0.010	-1.55074	20.00000	Averaged
73 Di-n-octylphthalate	1.07807	1.06622	1.06622	0.010	-1.09870	20.00000	Averaged
74 Benzo(b)fluoranthene	1.44932	1.59520	1.59520	0.700	10.06544	20.00000	Averaged
75 Benzo(k)fluoranthene	1.48861	1.39023	1.39023	0.700	-6.60903	20.00000	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i Injection Date: 11-JUN-2009 15:29
Lab File ID: cc0611.d Init. Cal. Date(s): 11-JUN-2009 11-JUN-2009
Analysis Type: Init. Cal. Times: 10:27 14:21
Lab Sample ID: ABN 25 Quant Type: ISTD
Method: /chem1/nt6.i/20090611a.b/SW846.m

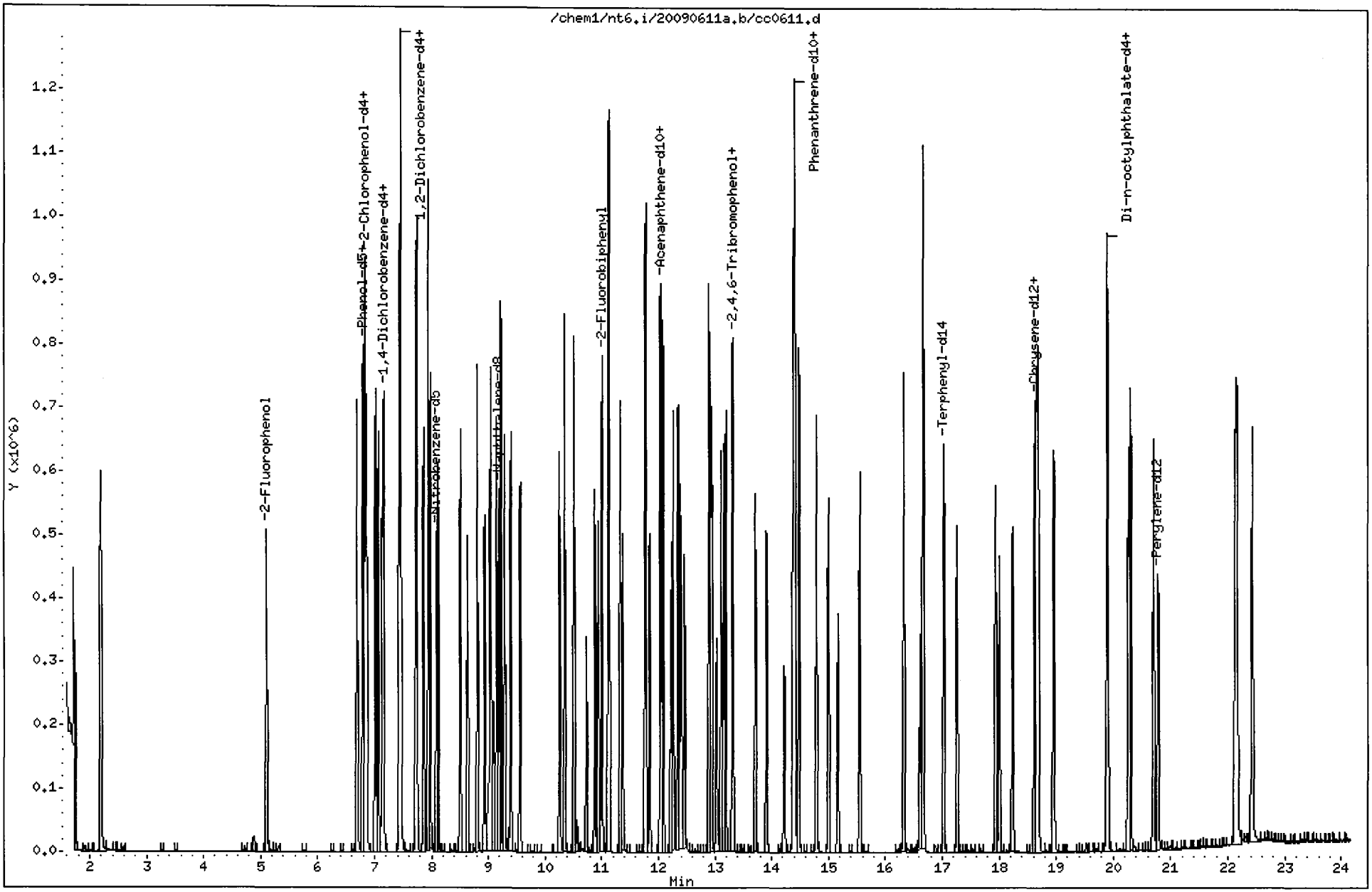
COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
76 Benzo(a)pyrene	1.31197	1.35789	1.35789	0.700	3.50016	20.00000	Averaged
78 Indeno(1,2,3-cd)pyrene	1.74895	1.77612	1.77612	0.500	1.55383	20.00000	Averaged
79 Dibenzo(a,h)anthracene	1.32780	1.36471	1.36471	0.400	2.77953	20.00000	Averaged
80 Benzo(g,h,i)perylene	1.52850	1.55965	1.55965	0.500	2.03830	20.00000	Averaged
90 N-Nitrosodimethylamine	1.26712	1.27323	1.27323	0.010	0.48247	20.00000	Averaged
103 Pyridine	2.17356	2.16793	2.16793	0.010	-0.25899	20.00000	Averaged
91 Aniline	3.03313	3.01958	3.01958	0.010	-0.44662	20.00000	Averaged
105 1-methylnaphthalene	0.62025	0.61111	0.61111	0.010	-1.47303	20.00000	Averaged
93 Benzidine	0.75925	0.68014	0.68014	0.010	-10.41900	20.00000	Averaged
111 Azobenzene (1,2-DP-Hydrazin	2.12542	2.20148	2.20148	0.010	3.57856	20.00000	Averaged
143 1,4-Dioxane	0.85388	0.91288	0.91288	0.010	6.90989	20.00000	Averaged
$ 137 d8-1,4-Dioxane	0.90996	0.91440	0.91440	0.010	0.48790	20.00000	Averaged
144 alpha-Terpineol	0.35971	0.36185	0.36185	0.010	0.59314	20.00000	Averaged
98 Retene	0.53946	0.53512	0.53512	0.010	-0.80379	20.00000	Averaged
133 Butylatedhydroxytoluene	1.15351	1.10837	1.10837	0.010	-3.91376	20.00000	Averaged
115 Tributyl Phosphate	1.19585	1.20825	1.20825	0.010	1.03696	20.00000	Averaged
116 Dibutyl Phenyl Phosphate	0.62176	0.63053	0.63053	0.010	1.41004	20.00000	Averaged
117 Butyl Diphenyl Phosphate	0.34951	0.34256	0.34256	0.010	-1.98873	20.00000	Averaged
118 Triphenyl Phosphate	0.22411	0.22644	0.22644	0.010	1.04028	20.00000	Averaged
123 Acetophenone	2.18776	2.14679	2.14679	0.010	-1.87256	20.00000	Averaged
179 n-Decane	1.85815	1.86054	1.86054	0.010	0.12882	20.00000	Averaged
180 n-Octadecane	0.64476	0.65809	0.65809	0.010	2.06705	20.00000	Averaged
168 Pentachlorobenzene	0.53063	0.52453	0.52453	0.010	-1.14840	20.00000	Averaged
113 Diphenyl Oxide	0.90394	0.88824	0.88824	0.010	-1.73671	20.00000	Averaged
112 Biphenyl	1.79614	1.80133	1.80133	0.010	0.28852	20.00000	Averaged

Data File: /chem1/nt6.i/20090611a.b/cc0611.d
Date : 11-JUN-2009 15:29
Client ID:
Sample Info: ABN 25

Column phase: ZB-5

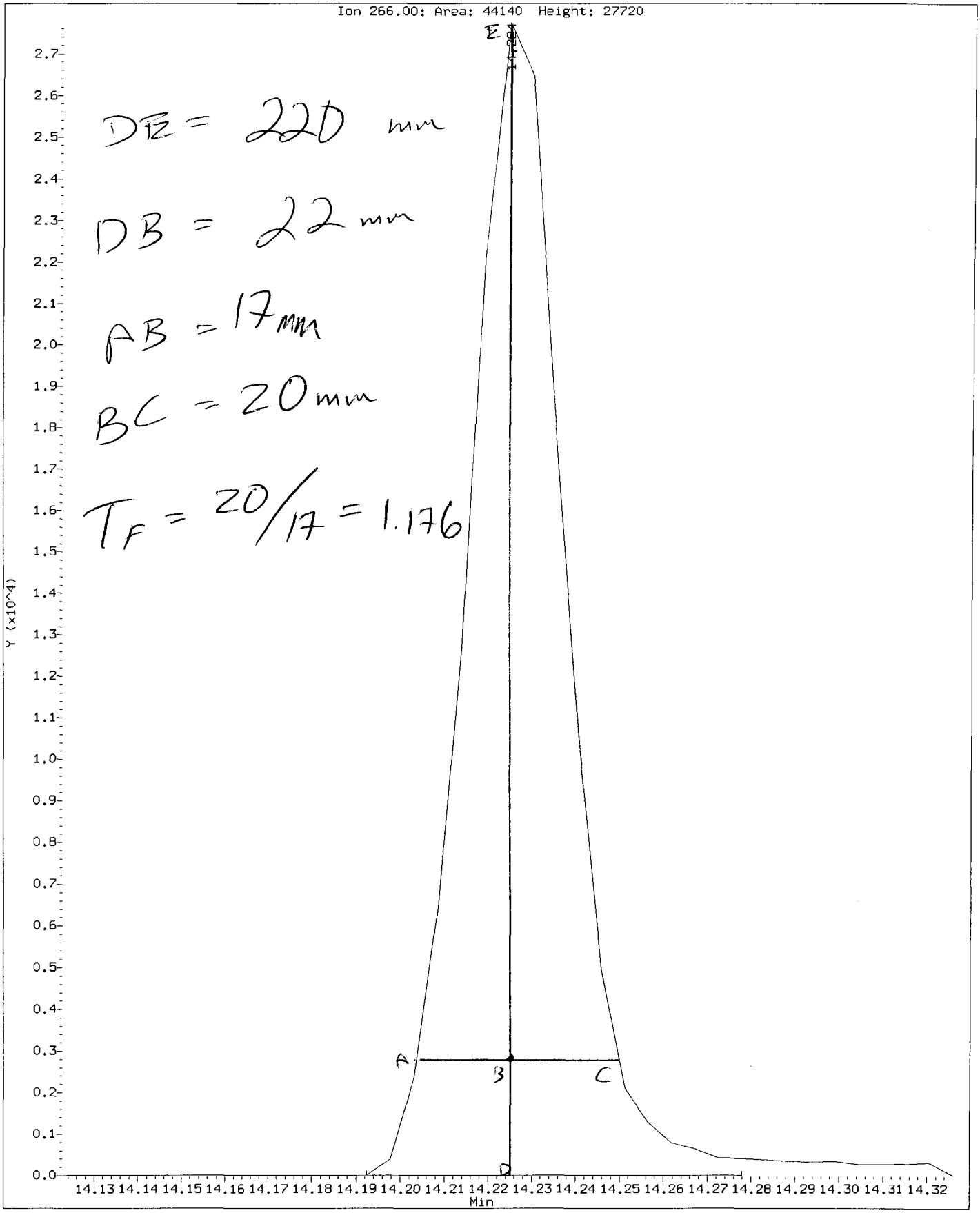
Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32



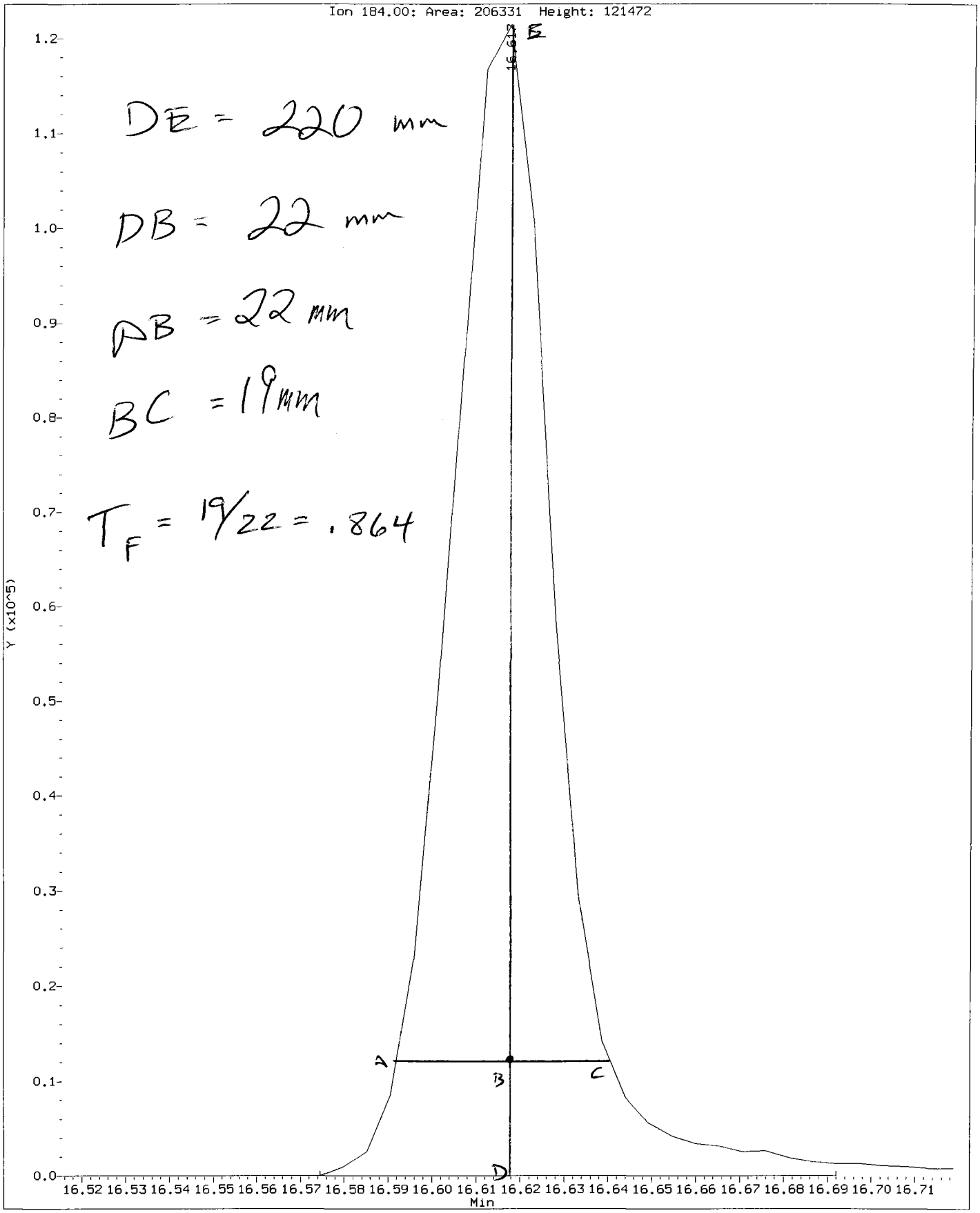
Data File: /chem1/nt6.i/20090611a.b/ddt.b/cc0611.d
Injection Date: 11-JUN-2009 15:29
Instrument: nt6.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem1/nt6.i/20090611a.b/ddt.b/cc0611.d
Injection Date: 11-JUN-2009 15:29
Instrument: nt6.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem1/nt6.i/20090611a.b/ddt.b/cc0611.d ARI ID:
Method: /chem1/nt6.i/20090611a.b/ddt.b/sw846ddt.m Misc:
Analysis Date: 11-JUN-2009 15:29 Instrument: nt6.i

COMPOUND	RT	AREA
Pentachlorophenol	14.224	44140
Benzidine	16.617	206331
4,4'-DDE	----	----
4,4'-DDD	17.541	2690
4,4'-DDT	18.006	132826

$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(\ 0 + 2690) * 100}{(\ 0 + 2690 + 132826)}$$

DDT Percent Breakdown = 2.0 %

7B

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Instrument ID: NT6 Cont. Calib. Date: 06/15/09

Init. Calib. Date: 06/11/09 Cont. Calib. Time: 1439

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift
Phenol	2.392	2.433	0.800	AVRG	1.7
Bis(2-Chloroethyl)ether	1.805	1.824	0.700	AVRG	1.0
2-Chlorophenol	1.510	1.493	0.800	AVRG	-1.1
1,3-Dichlorobenzene	1.644	1.636	0.010	AVRG	-0.5
1,4-Dichlorobenzene	1.647	1.650	0.010	AVRG	0.2
1,2-Dichlorobenzene	1.616	1.560	0.010	AVRG	-3.5
Benzyl alcohol	1.120	1.112	0.010	AVRG	-0.7
2,2'-oxybis(1-Chloropropane)	2.236	2.266	0.010	AVRG	1.3
2-Methylphenol	1.566	1.602	0.700	AVRG	2.3
Hexachloroethane	0.761	0.735	0.300	AVRG	-3.4
N-Nitroso-di-n-propylamine	1.484	1.465	0.500	AVRG	-1.3
4-Methylphenol	1.601	1.665	0.600	AVRG	4.0
Nitrobenzene	0.638	0.616	0.200	AVRG	-3.4
Isophorone	1.066	1.045	0.400	AVRG	-2.0
2-Nitrophenol	0.232	0.232	0.100	AVRG	0.0
2,4-Dimethylphenol	0.508	0.497	0.200	AVRG	-2.2
Bis(2-Chloroethoxy)methane	0.588	0.593	0.300	AVRG	0.8
2,4-Dichlorophenol	0.331	0.356	0.200	AVRG	7.6
1,2,4-Trichlorobenzene	0.402	0.386	0.010	AVRG	-4.0
Naphthalene	1.189	1.160	0.700	AVRG	-2.4
Benzoic acid	0.318	0.328	0.010	AVRG	3.1
4-Chloroaniline	0.512	0.512	0.010	AVRG	0.0
Hexachlorobutadiene	0.225	0.223	0.010	AVRG	-0.9
4-Chloro-3-methylphenol	0.419	0.424	0.200	AVRG	1.2
2-Methylnaphthalene	0.648	0.648	0.400	AVRG	0.0
Hexachlorocyclopentadiene	25.00	23.70	0.050	LINR	-5.2
2,4,6-Trichlorophenol	0.427	0.438	0.200	AVRG	2.6
2,4,5-Trichlorophenol	0.437	0.452	0.200	AVRG	3.4
2-Chloronaphthalene	1.332	1.295	0.800	AVRG	-2.8
2-Nitroaniline	0.554	0.573	0.010	AVRG	3.4
Acenaphthylene	1.988	2.031	0.900	AVRG	2.2
Dimethylphthalate	1.459	1.416	0.010	AVRG	-2.9
2,6-Dinitrotoluene	0.317	0.311	0.200	AVRG	-1.9
Acenaphthene	1.254	1.218	0.900	AVRG	-2.9
3-Nitroaniline	0.362	0.362	0.010	AVRG	0.0
2,4-Dinitrophenol	50.00	53.82	0.010	LINR	7.6
Dibenzofuran	1.813	1.740	0.800	AVRG	-4.0

<- Exceeds QC limit of 20% D
* RF less than minimum RF

7C

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Instrument ID: NT6 Cont. Calib. Date: 06/15/09

Init. Calib. Date: 06/11/09 Cont. Calib. Time: 1439

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift
4-Nitrophenol	0.231	0.222	0.010	AVRG	-3.9
2,4-Dinitrotoluene	0.411	0.407	0.200	AVRG	-1.0
Fluorene	1.482	1.464	0.900	AVRG	-1.2
4-Chlorophenyl-phenylether	0.732	0.736	0.400	AVRG	0.5
Diethylphthalate	1.328	1.323	0.010	AVRG	-0.4
4-Nitroaniline	0.322	0.340	0.010	AVRG	5.6
4,6-Dinitro-2-methylphenol	0.151	0.165	0.010	AVRG	9.3
N-Nitrosodiphenylamine(1)	0.624	0.646	0.010	AVRG	3.5
4-Bromophenyl-phenylether	0.254	0.270	0.100	AVRG	6.3
Hexachlorobenzene	0.259	0.265	0.100	AVRG	2.3
Pentachlorophenol	0.119	0.133	0.050	AVRG	11.8
Phenanthrene	1.270	1.299	0.700	AVRG	2.3
Anthracene	1.287	1.308	0.700	AVRG	1.6
Carbazole	1.058	1.129	0.010	AVRG	6.7
Di-n-butylphthalate	1.265	1.340	0.010	AVRG	5.9
Fluoranthene	1.296	1.362	0.600	AVRG	5.1
Pyrene	1.657	1.662	0.600	AVRG	0.3
Butylbenzylphthalate	0.669	0.682	0.010	AVRG	1.9
Benzo(a)anthracene	1.476	1.459	0.800	AVRG	-1.2
3,3'-Dichlorobenzidine	0.541	0.536	0.010	AVRG	-0.9
Chrysene	1.414	1.391	0.700	AVRG	-1.6
bis(2-Ethylhexyl)phthalate	0.620	0.653	0.010	AVRG	5.3
Di-n-octylphthalate	1.078	1.089	0.010	AVRG	1.0
Benzo(b)fluoranthene	1.449	1.569	0.700	AVRG	8.3
Benzo(k)fluoranthene	1.488	1.444	0.700	AVRG	-3.0
Benzo(a)pyrene	1.312	1.350	0.700	AVRG	2.9
Indeno(1,2,3-cd)pyrene	1.749	1.885	0.500	AVRG	7.8
Dibenzo(a,h)anthracene	1.328	1.501	0.400	AVRG	13.0
Benzo(g,h,i)perylene	1.528	1.829	0.500	AVRG	19.7
N-Nitrosodimethylamine	1.267	1.503	0.010	AVRG	18.6
Aniline	3.033	2.992	0.010	AVRG	-1.4
Benzidine	0.759	0.637	0.010	AVRG	-16.1
Pyridine	2.174	2.546	0.010	AVRG	17.1
1-methylnaphthalene	0.620	0.613	0.010	AVRG	-1.1
Azobenzene (1,2-DP-Hydrazine	2.126	2.143	0.010	AVRG	0.8

(1) Cannot be separated from Diphenylamine

<- Exceeds QC limit of 20% D

* RF less than minimum RF

FORM VII SV-2

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Instrument ID: NT6 Cont. Calib. Date: 06/15/09

Init. Calib. Date: 06/11/09 Cont. Calib. Time: 1439

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift
2-Fluorophenol	1.649	1.656	0.010	AVRG	0.4
Phenol-d5	2.214	2.256	0.010	AVRG	1.9
2-Chlorophenol-d4	1.349	1.347	0.010	AVRG	-0.1
1,2-Dichlorobenzene-d4	0.996	0.964	0.010	AVRG	-3.2
Nitrobenzene-d5	0.614	0.588	0.010	AVRG	-4.2
2-Fluorobiphenyl	1.485	1.442	0.010	AVRG	-2.9
2,4,6-Tribromophenol	0.191	0.193	0.010	AVRG	1.0
Terphenyl-d14	1.068	1.030	0.010	AVRG	-3.6

<- Exceeds QC limit of 20% D
* RF less than minimum RF

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i Injection Date: 15-JUN-2009 14:39
Lab File ID: cc0615.d Init. Cal. Date(s): 11-JUN-2009 11-JUN-2009
Analysis Type: Init. Cal. Times: 10:27 14:21
Lab Sample ID: ABN 25 Quant Type: ISTD
Method: /chem1/nt6.i/20090615.b/SW846.m

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 2-Fluorophenol	1.64888	1.65565	1.65565	0.010	0.41099	20.00000	Averaged
$ 2 Phenol-d5	2.21423	2.25585	2.25585	0.010	1.87953	20.00000	Averaged
3 Phenol	2.39148	2.43326	2.43326	0.800	1.74702	20.00000	Averaged
$ 5 2-Chlorophenol-d4	1.34927	1.34696	1.34696	0.010	-0.17110	20.00000	Averaged
4 Bis(2-Chloroethyl)ether	1.80520	1.82406	1.82406	0.700	1.04443	20.00000	Averaged
6 2-Chlorophenol	1.51056	1.49276	1.49276	0.800	-1.17863	20.00000	Averaged
7 1,3-Dichlorobenzene	1.64456	1.63552	1.63552	0.010	-0.55008	20.00000	Averaged
9 1,4-Dichlorobenzene	1.64685	1.65044	1.65044	0.010	0.21807	20.00000	Averaged
$ 10 1,2-Dichlorobenzene-d4	0.99590	0.96389	0.96389	0.010	-3.21422	20.00000	Averaged
12 1,2-Dichlorobenzene	1.61674	1.55968	1.55968	0.010	-3.52960	20.00000	Averaged
11 Benzyl alcohol	1.11954	1.11202	1.11202	0.010	-0.67154	20.00000	Averaged
14 2,2'-oxybis(1-Chloropropane	2.23629	2.26562	2.26562	0.010	1.31141	20.00000	Averaged
13 2-Methylphenol	1.56616	1.60159	1.60159	0.700	2.26214	20.00000	Averaged
17 Hexachloroethane	0.76126	0.73463	0.73463	0.300	-3.49847	20.00000	Averaged
16 N-Nitroso-di-n-propylamine	1.48460	1.46540	1.46540	0.500	-1.29340	20.00000	Averaged
15 4-Methylphenol	1.60085	1.66498	1.66498	0.600	4.00591	20.00000	Averaged
$ 18 Nitrobenzene-d5	0.61423	0.58765	0.58765	0.010	-4.32786	20.00000	Averaged
19 Nitrobenzene	0.63760	0.61576	0.61576	0.200	-3.42486	20.00000	Averaged
20 Isophorone	1.06632	1.04500	1.04500	0.400	-1.99906	20.00000	Averaged
21 2-Nitrophenol	0.23226	0.23233	0.23233	0.100	0.02981	20.00000	Averaged
22 2,4-Dimethylphenol	0.50838	0.49696	0.49696	0.200	-2.24525	20.00000	Averaged
23 Bis(2-Chloroethoxy)methane	0.58743	0.59261	0.59261	0.300	0.88083	20.00000	Averaged
24 Benzoic acid	0.31769	0.32795	0.32795	0.010	3.22873	20.00000	Averaged
25 2,4-Dichlorophenol	0.33104	0.35555	0.35555	0.200	7.40278	20.00000	Averaged
26 1,2,4-Trichlorobenzene	0.40203	0.38618	0.38618	0.010	-3.94096	20.00000	Averaged
28 Naphthalene	1.18895	1.15990	1.15990	0.700	-2.44284	20.00000	Averaged
29 4-Chloroaniline	0.51258	0.51180	0.51180	0.010	-0.15080	20.00000	Averaged
30 Hexachlorobutadiene	0.22490	0.22268	0.22268	0.010	-0.98524	20.00000	Averaged
31 4-Chloro-3-methylphenol	0.41918	0.42353	0.42353	0.200	1.03763	20.00000	Averaged
32 2-Methylnaphthalene	0.64767	0.64833	0.64833	0.400	0.10111	20.00000	Averaged
33 Hexachlorocyclopentadiene	23.69743	25.00000	0.35986	0.050	-5.21030	20.00000	Linear
34 2,4,6-Trichlorophenol	0.42677	0.43846	0.43846	0.200	2.73829	20.00000	Averaged
35 2,4,5-Trichlorophenol	0.43744	0.45208	0.45208	0.200	3.34713	20.00000	Averaged
$ 36 2-Fluorobiphenyl	1.48556	1.44250	1.44250	0.010	-2.89809	20.00000	Averaged
37 2-Chloronaphthalene	1.33131	1.29460	1.29460	0.800	-2.75688	20.00000	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i
Lab File ID: cc0615.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem1/nt6.i/20090615.b/SW846.m

Injection Date: 15-JUN-2009 14:39
Init. Cal. Date(s): 11-JUN-2009 11-JUN-2009
Init. Cal. Times: 10:27 14:21
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
38 2-Nitroaniline	0.55374	0.57305	0.57305	0.010	3.48671	20.00000	Averaged
39 Dimethylphthalate	1.45908	1.41603	1.41603	0.010	-2.95007	20.00000	Averaged
40 Acenaphthylene	1.98779	2.03112	2.03112	0.900	2.18003	20.00000	Averaged
41 2,6-Dinitrotoluene	0.31721	0.31121	0.31121	0.200	-1.89049	20.00000	Averaged
43 3-Nitroaniline	0.36218	0.36237	0.36237	0.010	0.05133	20.00000	Averaged
44 Acenaphthene	1.25453	1.21760	1.21760	0.900	-2.94356	20.00000	Averaged
45 2,4-Dinitrophenol	53.81752	50.00000	0.16756	0.010	7.63503	20.00000	Linear
46 Dibenzofuran	1.81264	1.73984	1.73984	0.800	-4.01637	20.00000	Averaged
47 4-Nitrophenol	0.23096	0.22259	0.22259	0.010	-3.62371	20.00000	Averaged
48 2,4-Dinitrotoluene	0.41136	0.40696	0.40696	0.200	-1.06903	20.00000	Averaged
50 Diethylphthalate	1.32808	1.32319	1.32319	0.010	-0.36873	20.00000	Averaged
49 Fluorene	1.48268	1.46391	1.46391	0.900	-1.26561	20.00000	Averaged
51 4-Chlorophenyl-phenylether	0.73178	0.73636	0.73636	0.400	0.62602	20.00000	Averaged
52 4-Nitroaniline	0.32184	0.33962	0.33962	0.010	5.52352	20.00000	Averaged
53 4,6-Dinitro-2-methylphenol	0.15061	0.16515	0.16515	0.010	9.64897	20.00000	Averaged
54 N-Nitrosodiphenylamine	0.62399	0.64555	0.64555	0.010	3.45493	20.00000	Averaged
$ 55 2,4,6-Tribromophenol	0.19070	0.19305	0.19305	0.010	1.23540	20.00000	Averaged
56 4-Bromophenyl-phenylether	0.25435	0.27012	0.27012	0.100	6.19948	20.00000	Averaged
57 Hexachlorobenzene	0.25960	0.26484	0.26484	0.100	2.02035	20.00000	Averaged
58 Pentachlorophenol	0.11855	0.13285	0.13285	0.050	12.06330	20.00000	Averaged
60 Phenanthrene	1.26944	1.29874	1.29874	0.700	2.30780	20.00000	Averaged
61 Anthracene	1.28696	1.30783	1.30783	0.700	1.62176	20.00000	Averaged
62 Carbazole	1.05757	1.12870	1.12870	0.010	6.72560	20.00000	Averaged
63 Di-n-butylphthalate	1.26530	1.33980	1.33980	0.010	5.88756	20.00000	Averaged
64 Fluoranthene	1.29603	1.36217	1.36217	0.600	5.10322	20.00000	Averaged
65 Pyrene	1.65688	1.66196	1.66196	0.600	0.30649	20.00000	Averaged
$ 66 Terphenyl-d14	1.06822	1.03029	1.03029	0.010	-3.55072	20.00000	Averaged
67 Butylbenzylphthalate	0.66913	0.68190	0.68190	0.010	1.90834	20.00000	Averaged
68 Benzo(a)anthracene	1.47614	1.45946	1.45946	0.800	-1.13029	20.00000	Averaged
70 3,3'-Dichlorobenzidine	0.54114	0.53637	0.53637	0.010	-0.88185	20.00000	Averaged
71 Chrysene	1.41342	1.39102	1.39102	0.700	-1.58460	20.00000	Averaged
72 bis(2-Ethylhexyl)phthalate	0.62030	0.65265	0.65265	0.010	5.21496	20.00000	Averaged
73 Di-n-octylphthalate	1.07807	1.08928	1.08928	0.010	1.03957	20.00000	Averaged
74 Benzo(b)fluoranthene	1.44932	1.56868	1.56868	0.700	8.23584	20.00000	Averaged
75 Benzo(k)fluoranthene	1.48861	1.44403	1.44403	0.700	-2.99480	20.00000	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i
Lab File ID: cc0615.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem1/nt6.i/20090615.b/SW846.m

Injection Date: 15-JUN-2009 14:39
Init. Cal. Date(s): 11-JUN-2009 11-JUN-2009
Init. Cal. Times: 10:27 14:21
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
76 Benzo(a)pyrene	1.31197	1.35016	1.35016	0.700	2.91151	20.00000	Averaged	
78 Indeno(1,2,3-cd)pyrene	1.74895	1.88514	1.88514	0.500	7.78696	20.00000	Averaged	
79 Dibenzo(a,h)anthracene	1.32780	1.50087	1.50087	0.400	13.03373	20.00000	Averaged	
80 Benzo(g,h,i)perylene	1.52850	1.82879	1.82879	0.500	19.64631	20.00000	Averaged	
90 N-Nitrosodimethylamine	1.26712	1.50293	1.50293	0.010	18.61011	20.00000	Averaged	
103 Pyridine	2.17356	2.54635	2.54635	0.010	17.15099	20.00000	Averaged	
91 Aniline	3.03313	2.99160	2.99160	0.010	-1.36905	20.00000	Averaged	
105 1-methylnaphthalene	0.62025	0.61332	0.61332	0.010	-1.11671	20.00000	Averaged	
93 Benzidine	0.75925	0.63726	0.63726	0.010	-16.06739	20.00000	Averaged	
111 Azobenzene (1,2-DP-Hydrazin	2.12542	2.14338	2.14338	0.010	0.84497	20.00000	Averaged	
143 1,4-Dioxane	0.85388	0.00179	0.00179	0.010	-100	20.00000	Averaged	<-
$ 137 d8-1,4-Dioxane	0.90996	0.00198	0.00198	0.010	-100	20.00000	Averaged	<-
144 alpha-Terpineol	0.35971	0.35765	0.35765	0.010	-0.57305	20.00000	Averaged	
98 Retene	0.53946	0.53850	0.53850	0.010	-0.17761	20.00000	Averaged	
133 Butylatedhydroxytoluene	1.15351	1.09240	1.09240	0.010	-5.29770	20.00000	Averaged	
115 Tributyl Phosphate	1.19585	1.22353	1.22353	0.010	2.31460	20.00000	Averaged	
116 Dibutyl Phenyl Phosphate	0.62176	0.65081	0.65081	0.010	4.67263	20.00000	Averaged	
117 Butyl Diphenyl Phosphate	0.34951	0.33929	0.33929	0.010	-2.92460	20.00000	Averaged	
118 Triphenyl Phosphate	0.22411	0.22738	0.22738	0.010	1.45788	20.00000	Averaged	
123 Acetophenone	2.18776	2.14794	2.14794	0.010	-1.81977	20.00000	Averaged	
179 n-Decane	1.85815	1.81749	1.81749	0.010	-2.18798	20.00000	Averaged	
180 n-Octadecane	0.64476	0.65001	0.65001	0.010	0.81397	20.00000	Averaged	
168 Pentachlorobenzene	0.53063	0.52180	0.52180	0.010	-1.66389	20.00000	Averaged	
113 Diphenyl Oxide	0.90394	0.87568	0.87568	0.010	-3.12598	20.00000	Averaged	
112 Biphenyl	1.79614	1.76320	1.76320	0.010	-1.83395	20.00000	Averaged	

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/cc0615.d
Lab Smp Id: ABN 25
Inj Date : 15-JUN-2009 14:39
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:40 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	4.782	4.782	(0.669)	216073	25.0000	25.10 (M)
$	2 Phenol-d5	99	6.534	6.534	(0.914)	294402	25.0000	25.47
	3 Phenol	94	6.550	6.550	(0.916)	317556	25.0000	25.44
$	5 2-Chlorophenol-d4	132	6.555	6.555	(0.917)	175787	25.0000	24.96
	4 Bis(2-Chloroethyl)ether	93	6.555	6.555	(0.917)	238051	25.0000	25.26
	6 2-Chlorophenol	128	6.582	6.582	(0.921)	194814	25.0000	24.71
	7 1,3-Dichlorobenzene	146	6.780	6.780	(0.948)	213445	25.0000	24.86 (H)
*	8 1,4-Dichlorobenzene-d4	152	6.849	6.849	(1.000)	104405	20.0000	(H)
	9 1,4-Dichlorobenzene	146	6.870	6.870	(0.961)	215393	25.0000	25.05 (H)
$	10 1,2-Dichlorobenzene-d4	152	7.148	7.148	(1.000)	125794	25.0000	24.20
	12 1,2-Dichlorobenzene	146	7.169	7.169	(1.003)	203548	25.0000	24.12
	11 Benzyl alcohol	108	7.196	7.196	(1.007)	145126	25.0000	24.83 (H)
	14 2,2'-oxybis(1-Chloropropane)	45	7.458	7.458	(1.043)	295677	25.0000	25.33
	13 2-Methylphenol	108	7.490	7.490	(1.048)	209017	25.0000	25.57 (H)
	17 Hexachloroethane	117	7.661	7.661	(1.072)	95874	25.0000	24.13
	16 N-Nitroso-di-n-propylamine	70	7.682	7.682	(1.075)	191244	25.0000	24.68
	15 4-Methylphenol	108	7.730	7.730	(1.081)	217290	25.0000	26.00
$	18 Nitrobenzene-d5	82	7.810	7.810	(0.866)	261146	25.0000	23.92
	19 Nitrobenzene	77	7.837	7.837	(0.869)	273639	25.0000	24.14
	20 Isophorone	82	8.238	8.238	(0.913)	464391	25.0000	24.50
	21 2-Nitrophenol	139	8.366	8.366	(0.927)	103246	25.0000	25.01
	22 2,4-Dimethylphenol	107	8.558	8.558	(0.948)	220845	25.0000	24.44
	23 Bis(2-Chloroethoxy)methane	93	8.676	8.676	(0.962)	263350	25.0000	25.22
	24 Benzoic acid	105	8.879	8.879	(0.984)	291473	50.0000	51.61 (M)
	25 2,4-Dichlorophenol	162	8.777	8.777	(0.973)	158003	25.0000	26.85
	26 1,2,4-Trichlorobenzene	180	8.873	8.873	(0.983)	171617	25.0000	24.01
*	27 Naphthalene-d8	136	8.916	8.916	(1.000)	355513	20.0000	(H)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	8.948	8.948	(0.992)	515450	25.0000	24.39
	29 4-Chloroaniline	127	9.130	9.130	(1.012)	227441	25.0000	24.96
	30 Hexachlorobutadiene	225	9.290	9.290	(1.030)	98957	25.0000	24.75
	31 4-Chloro-3-methylphenol	107	10.000	10.000	(1.108)	188214	25.0000	25.26
	32 2-Methylnaphthalene	141	10.070	10.070	(1.116)	288111	25.0000	25.03 (H)
	33 Hexachlorocyclopentadiene	237	10.454	10.454	(0.890)	91051	25.0000	23.70
	34 2,4,6-Trichlorophenol	196	10.614	10.614	(0.904)	110939	25.0000	25.68
	35 2,4,5-Trichlorophenol	196	10.673	10.673	(0.909)	114385	25.0000	25.84
$	36 2-Fluorobiphenyl	172	10.732	10.732	(0.914)	364984	25.0000	24.28
	37 2-Chloronaphthalene	162	10.833	10.833	(0.922)	327562	25.0000	24.31
	38 2-Nitroaniline	65	11.095	11.095	(0.945)	144993	25.0000	25.87
	39 Dimethylphthalate	163	11.496	11.496	(0.979)	358286	25.0000	24.26
	40 Acenaphthylene	152	11.496	11.496	(0.979)	513917	25.0000	25.55
	41 2,6-Dinitrotoluene	165	11.576	11.576	(0.985)	78744	25.0000	24.53
*	42 Acenaphthene-d10	164	11.747	11.747	(1.000)	202417	20.0000	
	43 3-Nitroaniline	138	11.773	11.773	(1.002)	91687	25.0000	25.01
	44 Acenaphthene	153	11.800	11.800	(1.005)	308078	25.0000	24.26
	45 2,4-Dinitrophenol	184	11.950	11.950	(1.017)	84792	50.0000	53.82
	46 Dibenzofuran	168	12.062	12.062	(1.027)	440216	25.0000	24.00
	47 4-Nitrophenol	109	12.169	12.169	(1.036)	56319	25.0000	24.09
	48 2,4-Dinitrotoluene	165	12.190	12.190	(1.038)	102970	25.0000	24.73
	50 Diethylphthalate	149	12.649	12.649	(1.077)	334794	25.0000	24.91
	49 Fluorene	166	12.607	12.607	(1.073)	370401	25.0000	24.68
	51 4-Chlorophenyl-phenylether	204	12.665	12.665	(1.078)	186315	25.0000	25.16
	52 4-Nitroaniline	138	12.756	12.756	(1.086)	85931	25.0000	26.38
	53 4,6-Dinitro-2-methylphenol	198	12.836	12.836	(0.912)	130298	50.0000	54.82
	54 N-Nitrosodiphenylamine	169	12.884	12.884	(0.915)	254665	25.0000	25.86
$	55 2,4,6-Tribromophenol	330	13.034	13.034	(1.110)	48847	25.0000	25.31
	56 4-Bromophenyl-phenylether	248	13.429	13.429	(0.954)	106561	25.0000	26.55
	57 Hexachlorobenzene	284	13.621	13.621	(0.967)	104479	25.0000	25.51
	58 Pentachlorophenol	266	13.942	13.942	(0.990)	52410	25.0000	28.02
*	59 Phenanthrene-d10	188	14.081	14.081	(1.000)	315595	20.0000	
	60 Phenanthrene	178	14.118	14.118	(1.003)	512345	25.0000	25.58
	61 Anthracene	178	14.188	14.188	(1.008)	515932	25.0000	25.41
	62 Carbazole	167	14.503	14.503	(1.030)	445265	25.0000	26.68
	63 Di-n-butylphthalate	149	15.277	15.277	(1.085)	528542	25.0000	26.47
	64 Fluoranthene	202	16.025	16.025	(1.138)	537367	25.0000	26.28
	65 Pyrene	202	16.361	16.361	(0.892)	545059	25.0000	25.08
$	66 Terphenyl-d14	244	16.730	16.730	(0.912)	337898	25.0000	24.11
	67 Butylbenzylphthalate	149	17.649	17.649	(0.962)	223639	25.0000	25.48
	68 Benzo(a)anthracene	228	18.311	18.311	(0.999)	478648	25.0000	24.72
*	69 Chrysene-d12	240	18.338	18.338	(1.000)	262370	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.364	18.364	(1.001)	175909	25.0000	24.78
	71 Chrysene	228	18.375	18.375	(1.002)	456203	25.0000	24.60
	72 bis(2-Ethylhexyl)phthalate	149	18.674	18.674	(0.953)	304759	25.0000	26.30
*	134 Di-n-octylphthalate-d4	153	19.603	19.603	(1.000)	373565	20.0000	
	73 Di-n-octylphthalate	149	19.609	19.609	(1.000)	508644	25.0000	25.26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	19.945	19.945	(0.975)	494240	25.0000	27.06
75	Benzo(k)fluoranthene	252	19.977	19.977	(0.977)	454967	25.0000	24.25
76	Benzo(a)pyrene	252	20.378	20.378	(0.996)	425393	25.0000	25.73
* 77	Perylene-d12	264	20.453	20.453	(1.000)	252054	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	21.799	21.799	(1.066)	593945	25.0000	26.95
79	Dibenzo(a,h)anthracene	278	21.831	21.831	(1.067)	472874	25.0000	28.26
80	Benzo(g,h,i)perylene	276	22.087	22.087	(1.080)	576193	25.0000	29.91
90	N-Nitrosodimethylamine	74	1.930	1.930	(0.270)	196142	25.0000	29.65
103	Pyridine	79	1.914	1.914	(0.268)	332314	25.0000	29.29
91	Aniline	93	6.406	6.406	(0.896)	390423	25.0000	24.66(H)
105	1-methylnaphthalene	141	10.235	10.235	(1.134)	272555	25.0000	24.72
93	Benzidine	184	16.319	16.319	(0.890)	208997	25.0000	20.98
111	Azobenzene (1,2-DP-Hydrazine)	77	12.911	12.911	(1.099)	542321	25.0000	25.21
143	1,4-Dioxane	88	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
144	alpha-Terpineol	59	9.023	9.023	(1.000)	158938	25.0000	24.86
98	Retene	219	16.960	16.960	(0.925)	176608	25.0000	24.96
133	Butylatedhydroxytoluene	205	11.987	11.987	(1.020)	276401	25.0000	23.68
115	Tributyl Phosphate	99	13.050	13.050	(0.927)	482673	25.0000	25.58
116	Dibutyl Phenyl Phosphate	175	14.727	14.727	(1.046)	256742	25.0000	26.17
117	Butyl Diphenyl Phosphate	94	16.372	16.372	(0.893)	111275	25.0000	24.27
118	Triphenyl Phosphate	326	17.948	17.948	(0.979)	74571	25.0000	25.36
123	Acetophenone	105	7.586	7.586	(1.061)	280320	25.0000	24.55
179	n-Decane	57	6.742	6.742	(0.943)	237194	25.0000	24.45
180	n-Octadecane	57	14.129	14.129	(1.003)	256426	25.0000	25.20
168	Pentachlorobenzene	250	12.105	12.105	(1.030)	132026	25.0000	24.58
113	Diphenyl Oxide	170	11.052	11.052	(0.941)	221566	25.0000	24.22
112	Biphenyl	154	10.855	10.855	(0.924)	446128	25.0000	24.54

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: cc0615.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info:

Calibration Date: 15-JUN-2009
Calibration Time: 14:39

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	104405	-7.10
27 Naphthalene-d8	384492	192246	768984	355513	-7.54
42 Acenaphthene-d10	217478	108739	434956	202417	-6.93
59 Phenanthrene-d10	336594	168297	673188	315595	-6.24
69 Chrysene-d12	247160	123580	494320	262370	6.15
134 Di-n-octylphthala	347036	173518	694072	373565	7.64
77 Perylene-d12	232938	116469	465876	252054	8.21

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.85	0.00
27 Naphthalene-d8	8.92	8.42	9.42	8.92	0.00
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	0.00
59 Phenanthrene-d10	14.08	13.58	14.58	14.08	0.00
69 Chrysene-d12	18.34	17.84	18.84	18.34	0.00
134 Di-n-octylphthala	19.60	19.10	20.10	19.60	0.00
77 Perylene-d12	20.45	19.95	20.95	20.45	0.00

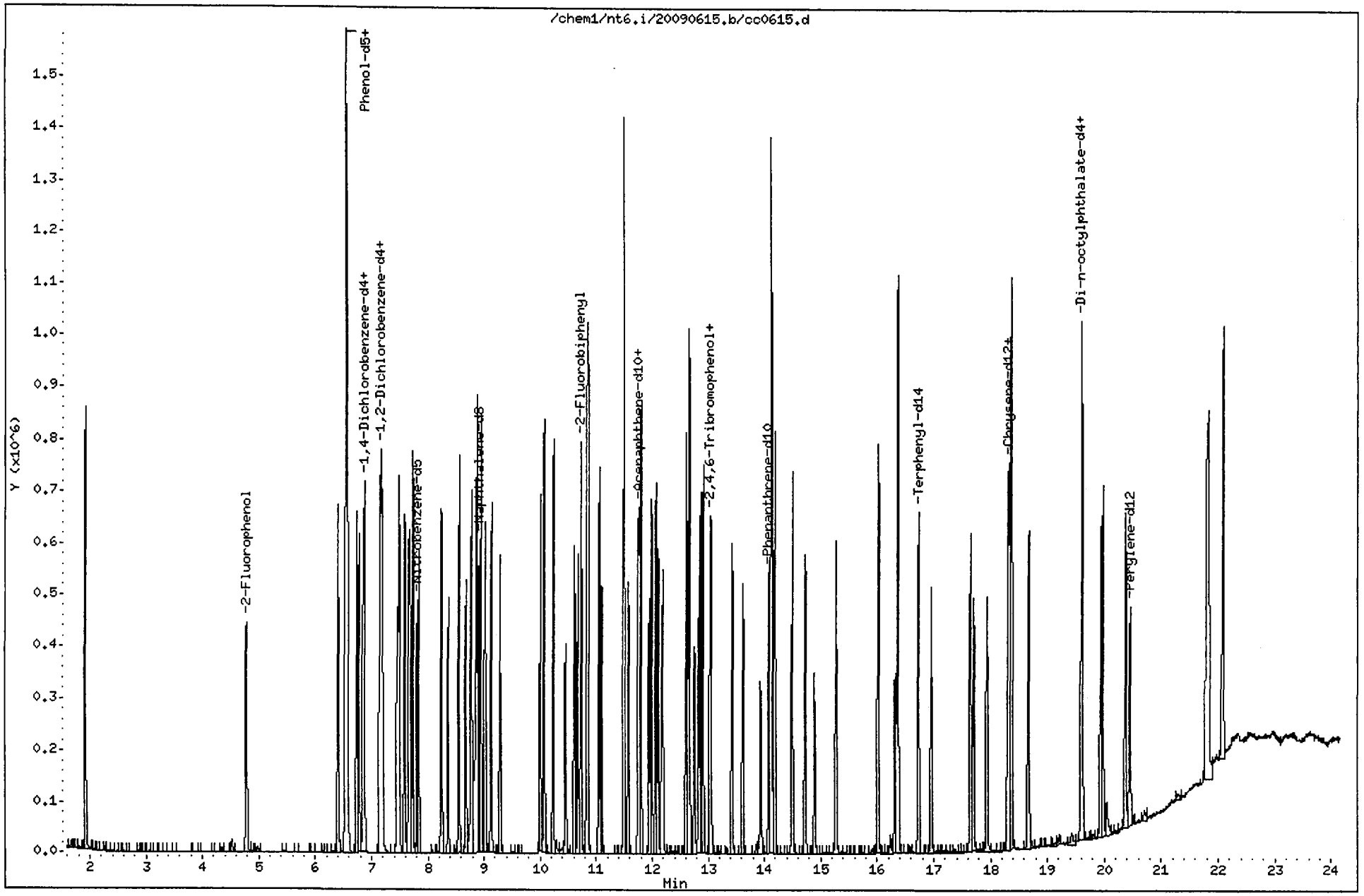
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20090615.b/cc0615.d
Date : 15-JUN-2009 14:39
Client ID:
Sample Info: ABN 25

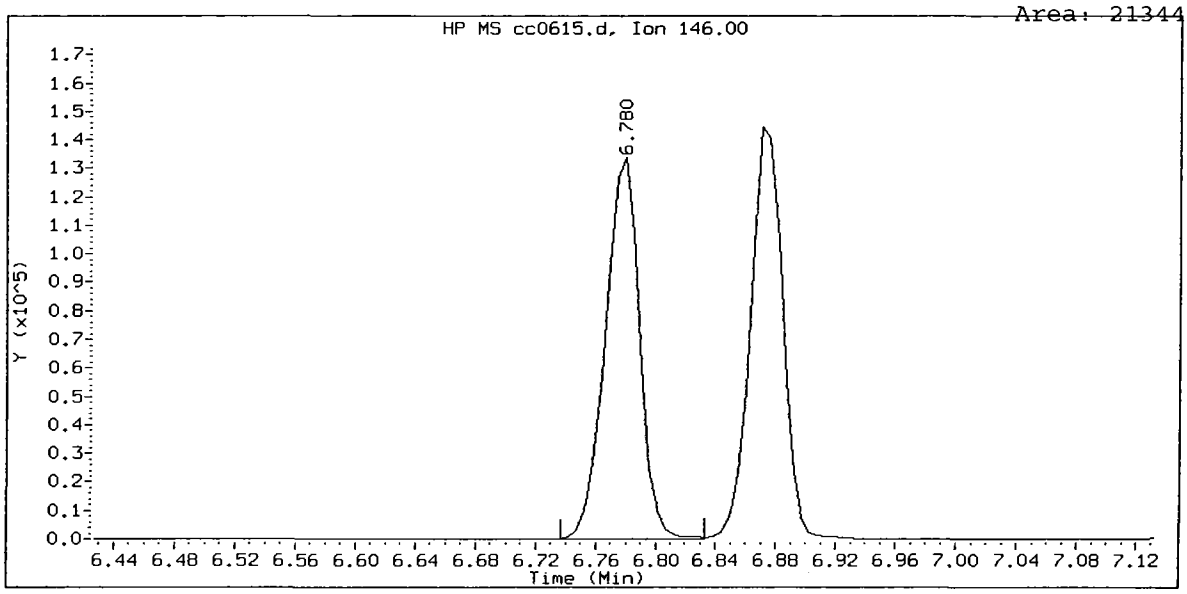
Column phase: ZB-5

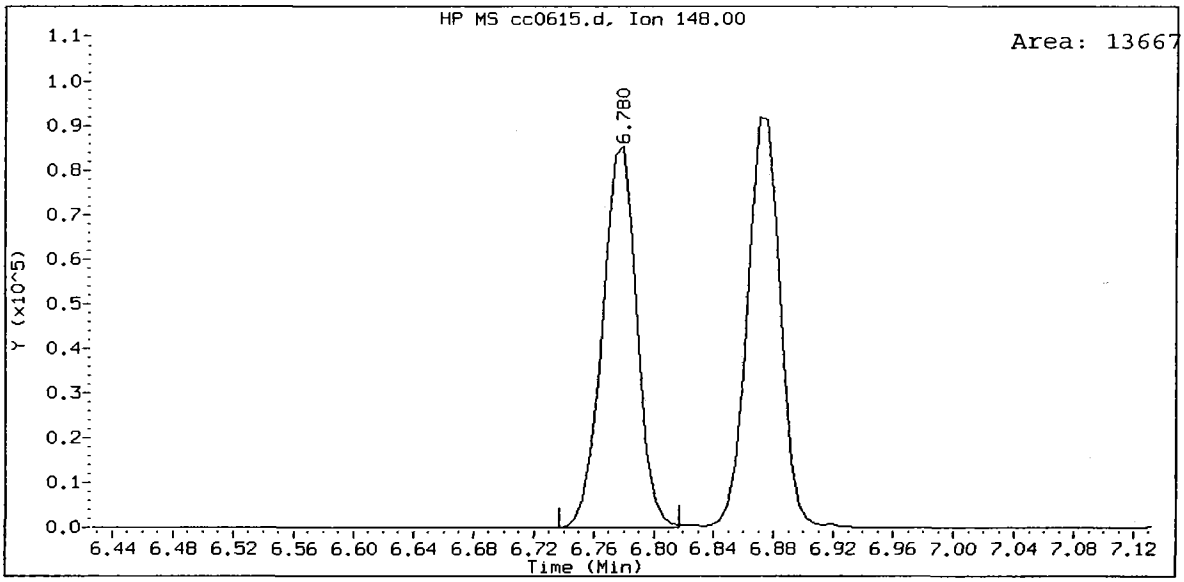
Instrument: nt6.i

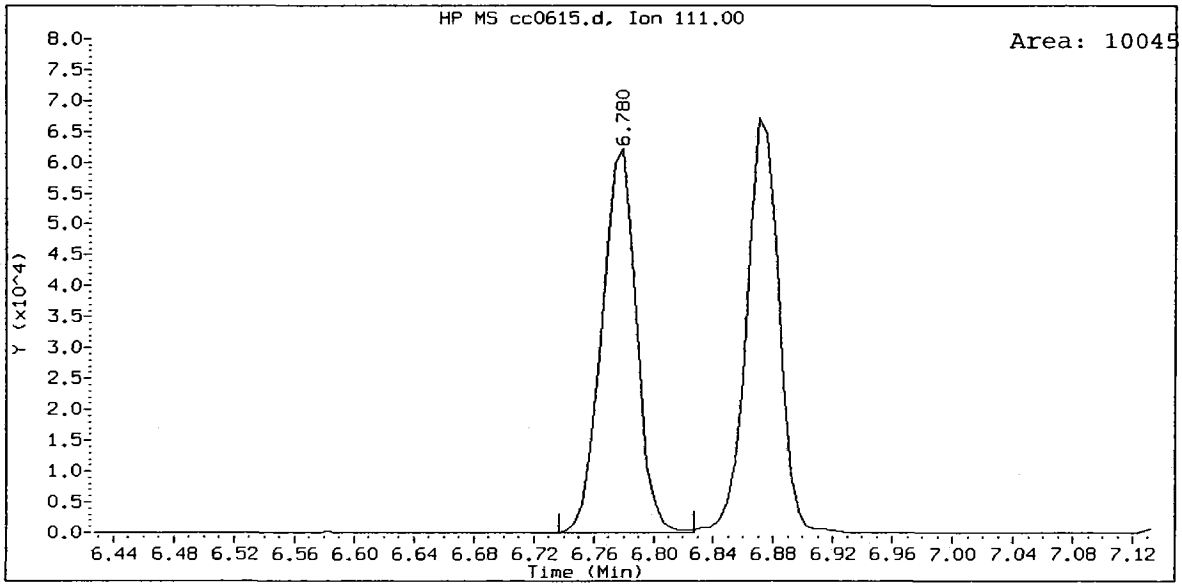
Operator: LJR/VTS
Column diameter: 0.32



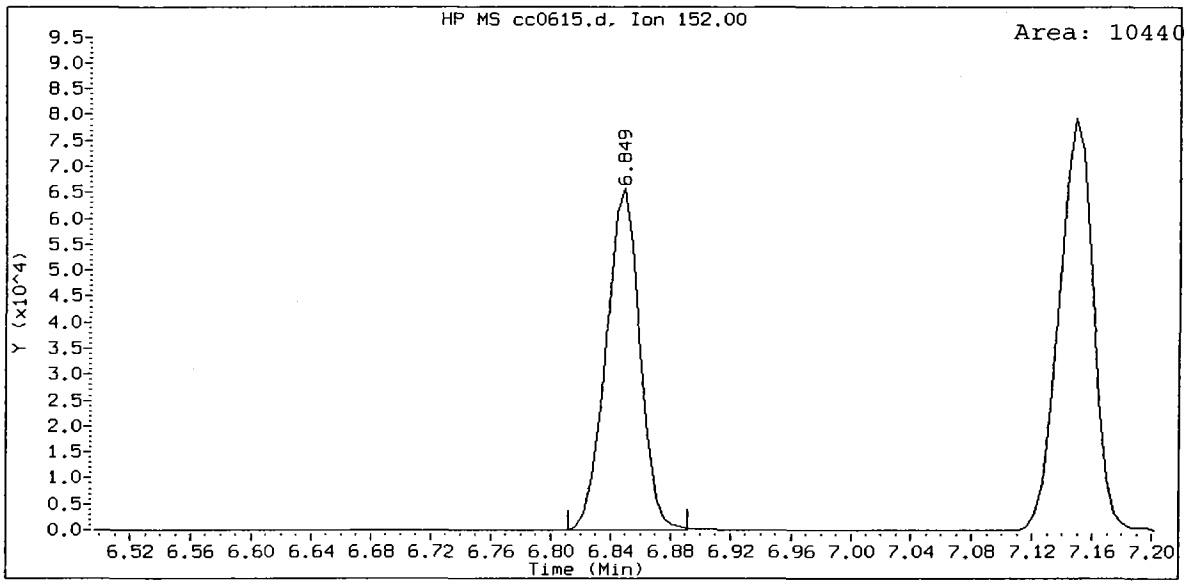
ABN 25, /chem1/nt6.i/20090615.b/cc0615.d
1,3-Dichlorobenzene Amount: 24.86

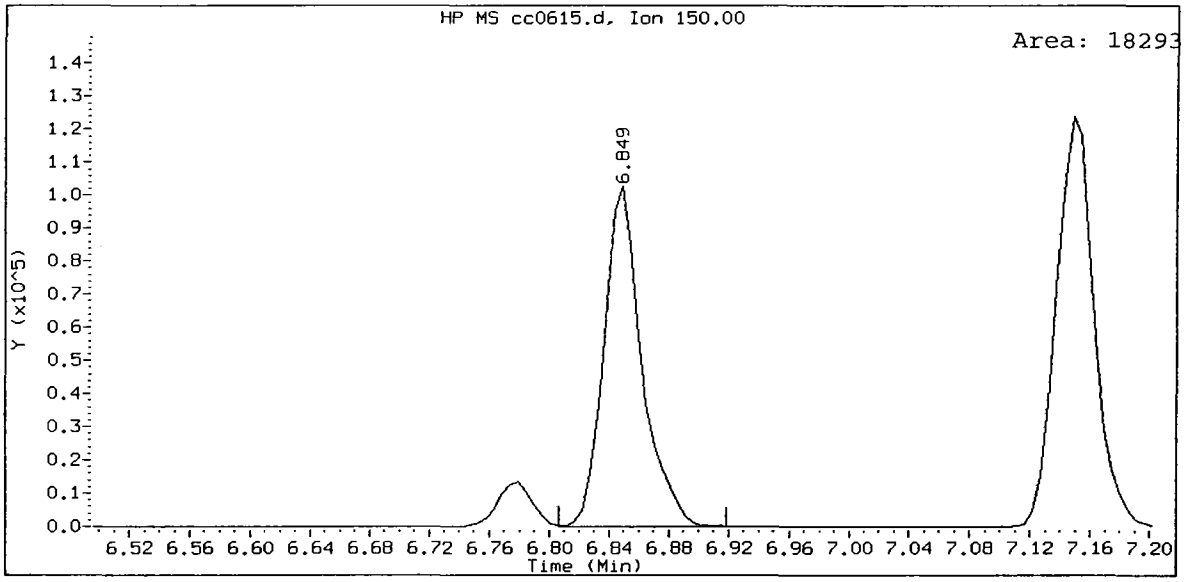


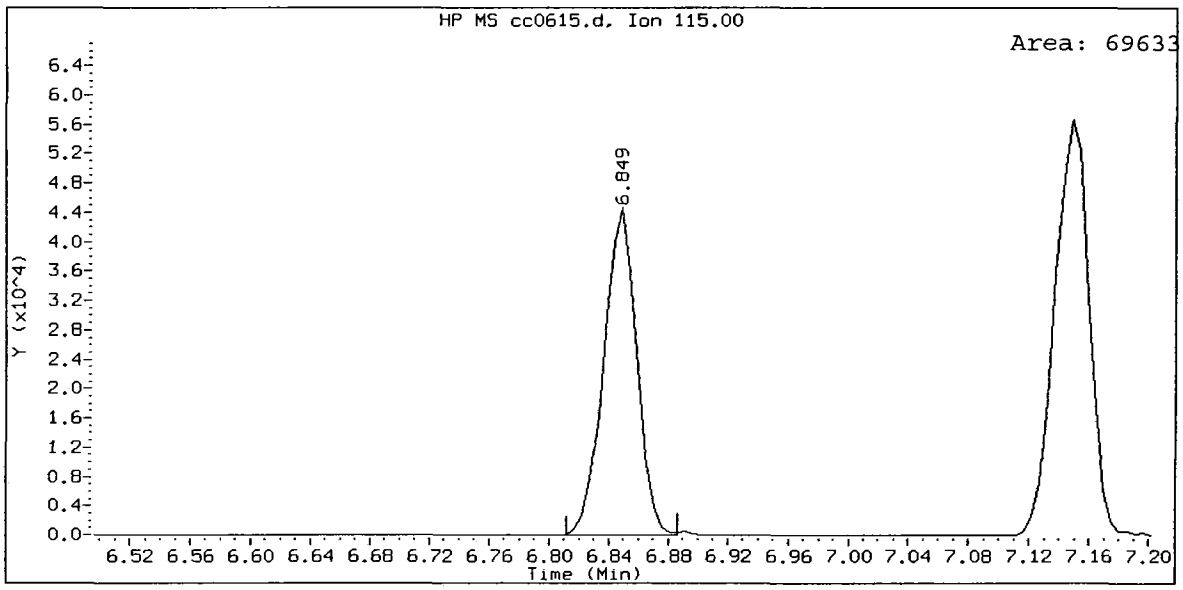




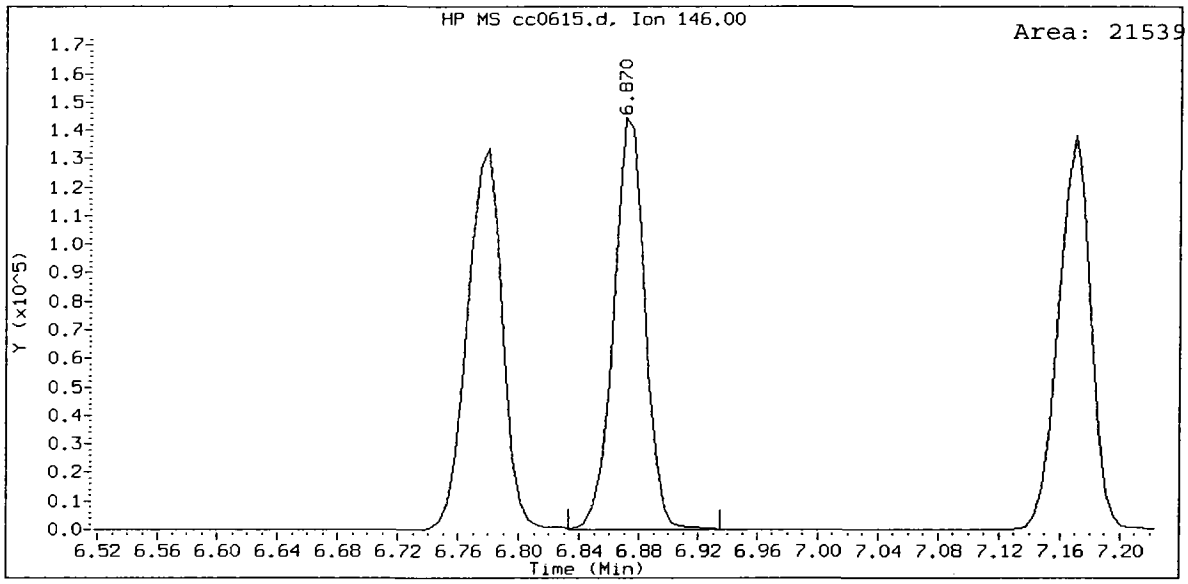
ABN 25, /chem1/nt6.i/20090615.b/cc0615.d
1,4-Dichlorobenzene-d4 Amount: 20.00

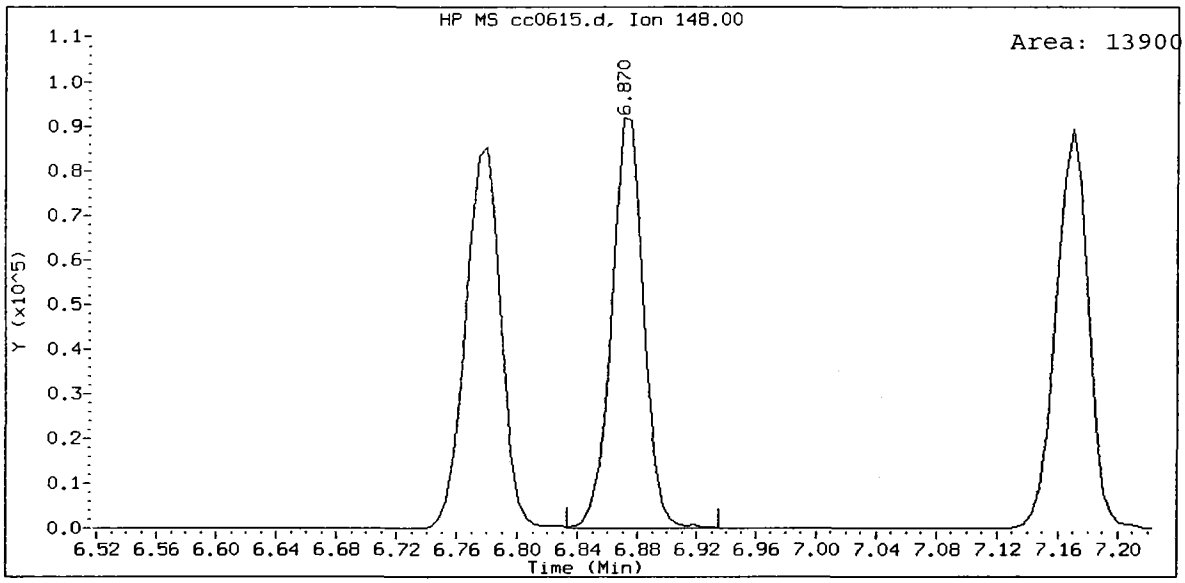


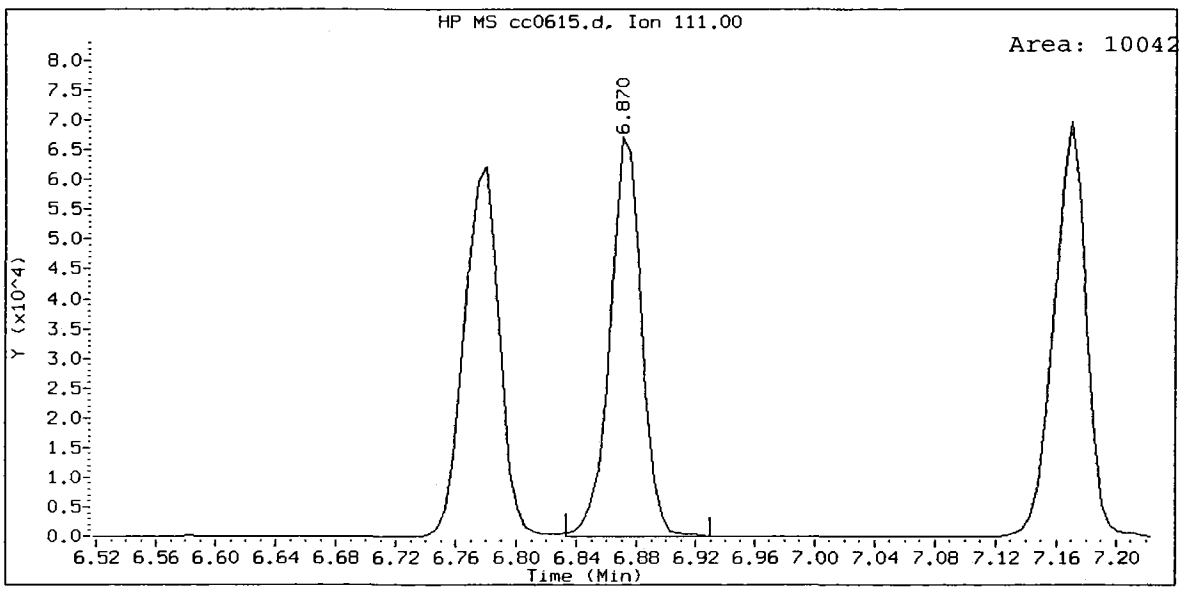




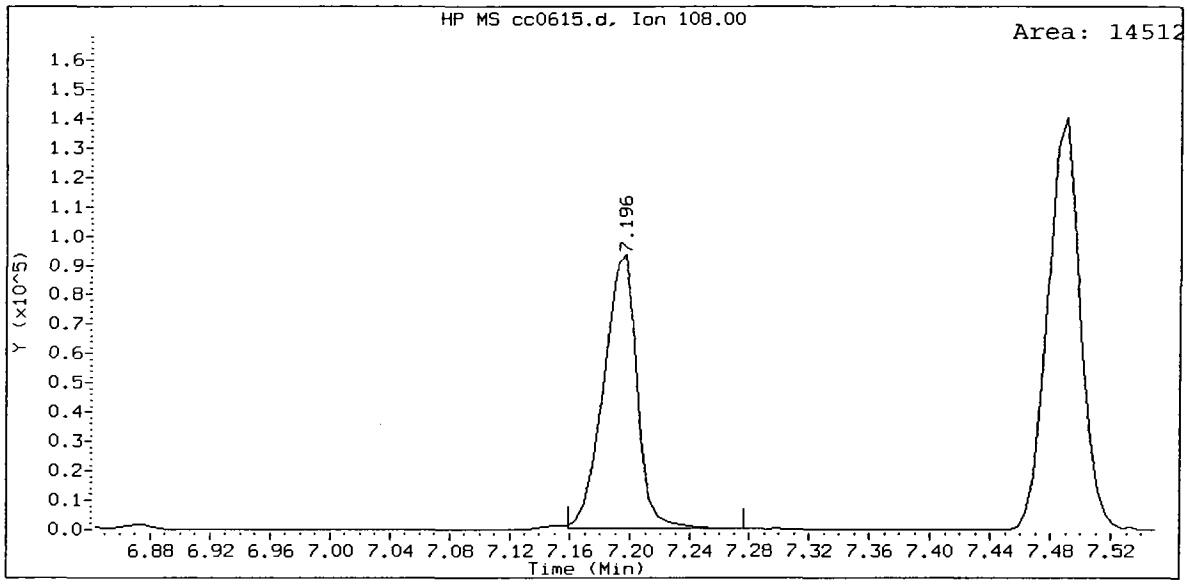
ABN 25, /chem1/nt6.i/20090615.b/cc0615.d
1,4-Dichlorobenzene Amount: 25.05

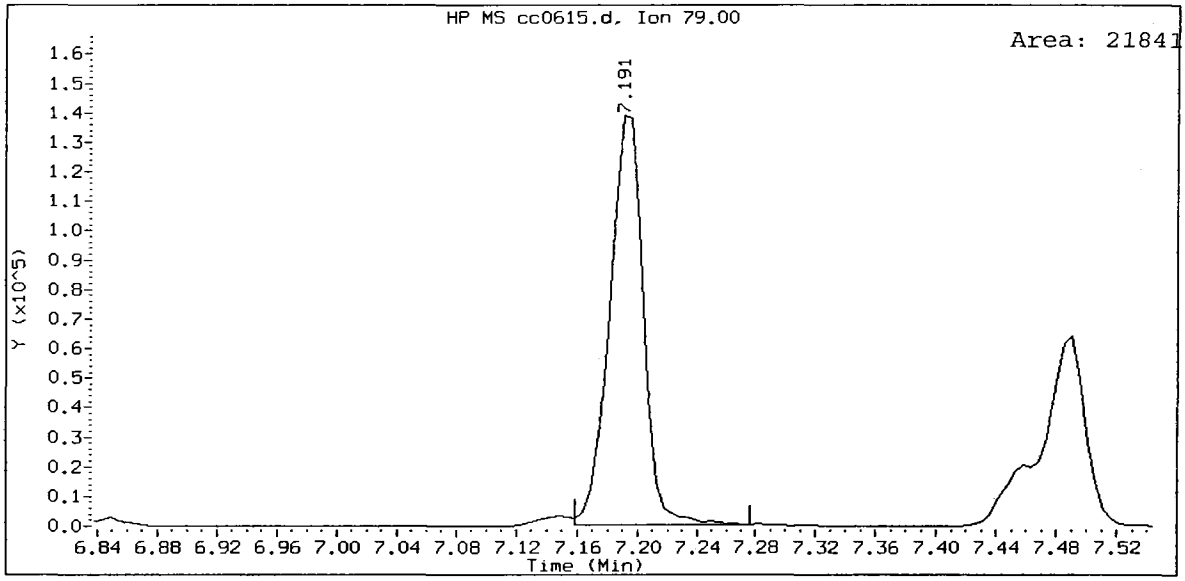


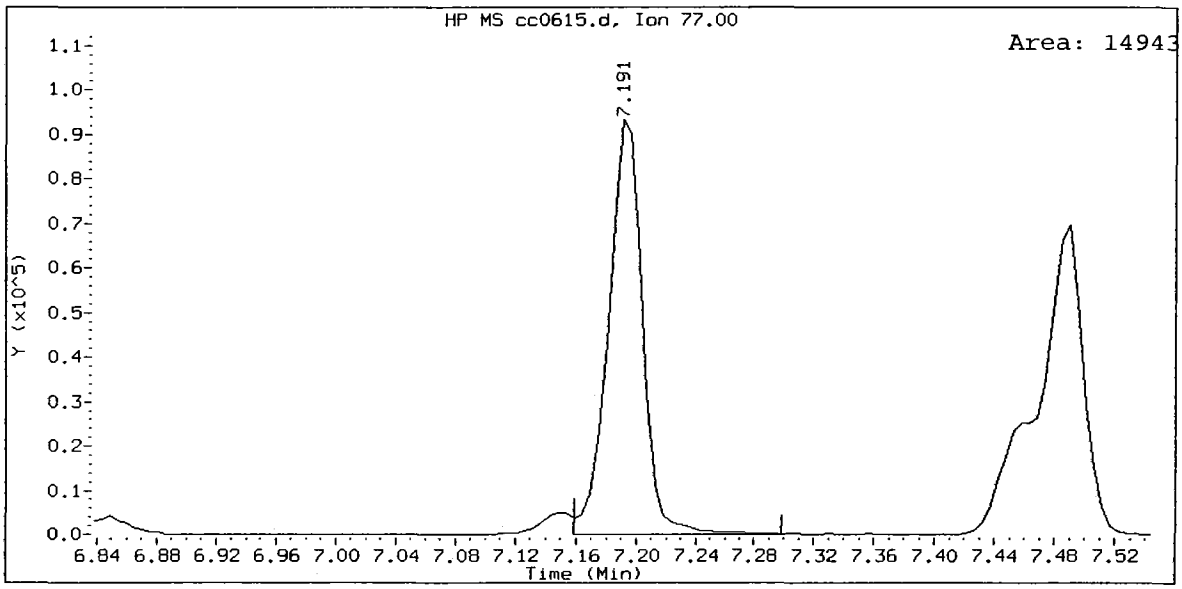




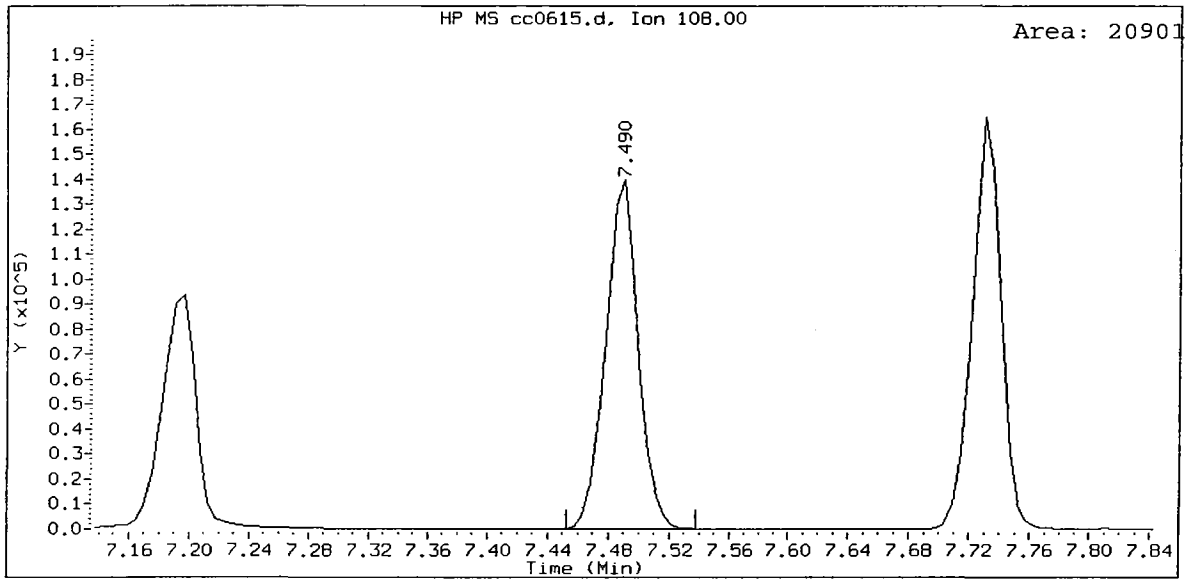
ABN 25, /chem1/nt6.i/20090615.b/cc0615.d
Benzyl alcohol Amount: 24.83

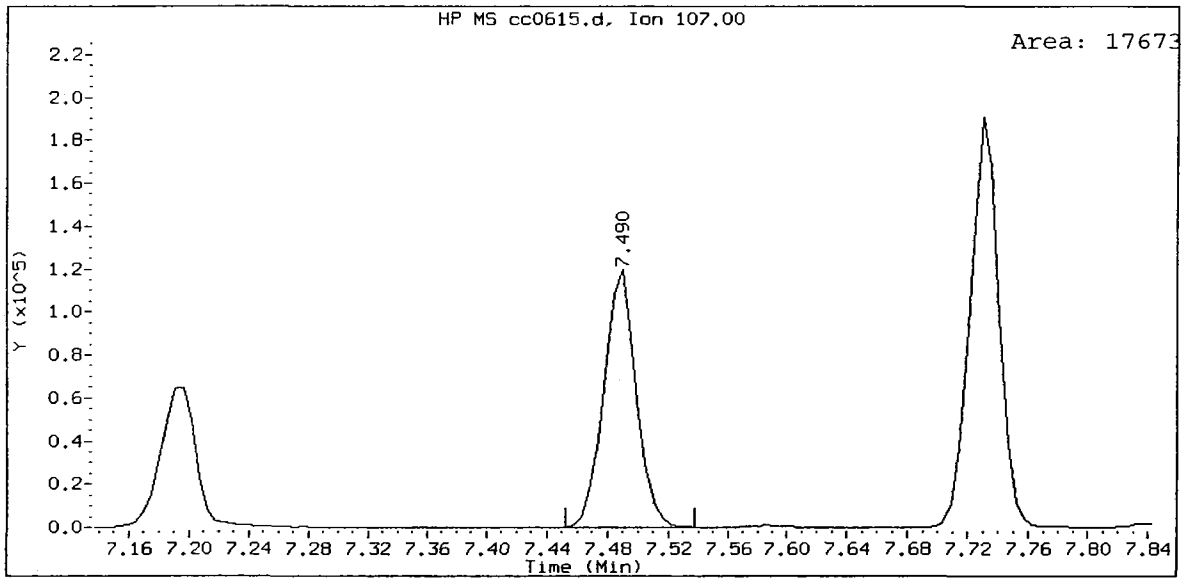


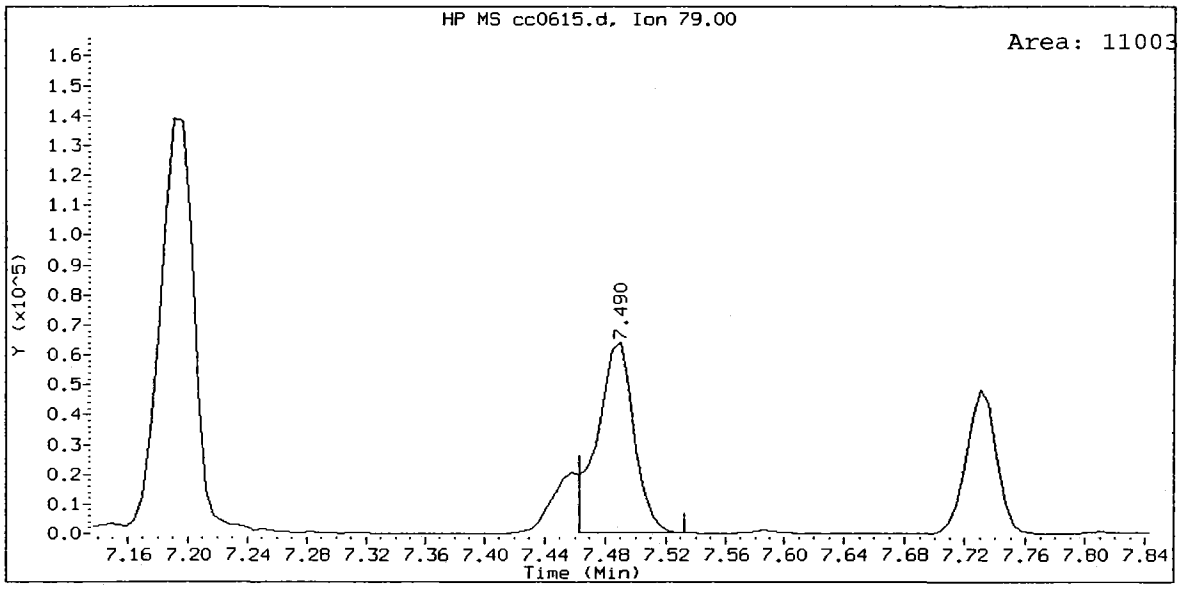




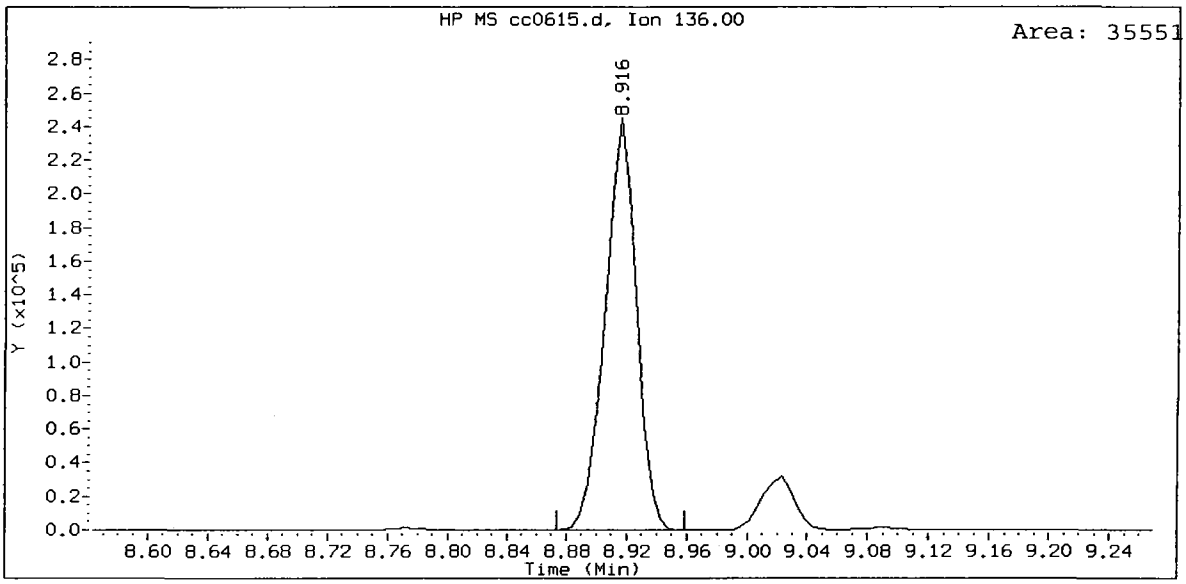
ABN 25, /chem1/nt6.i/20090615.b/cc0615.d
2-Methylphenol Amount: 25.57

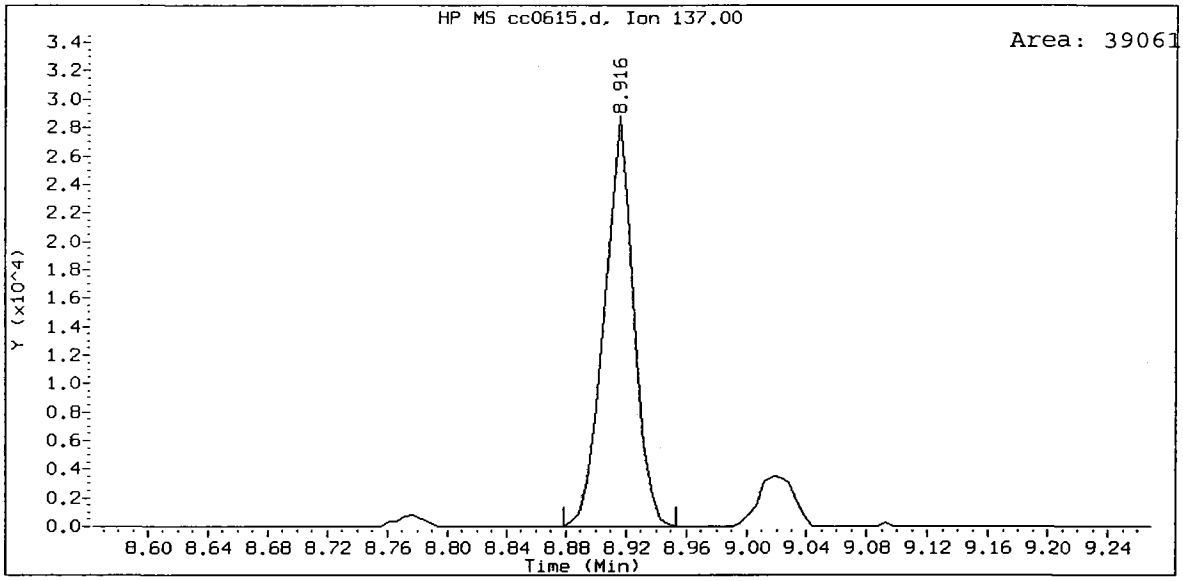


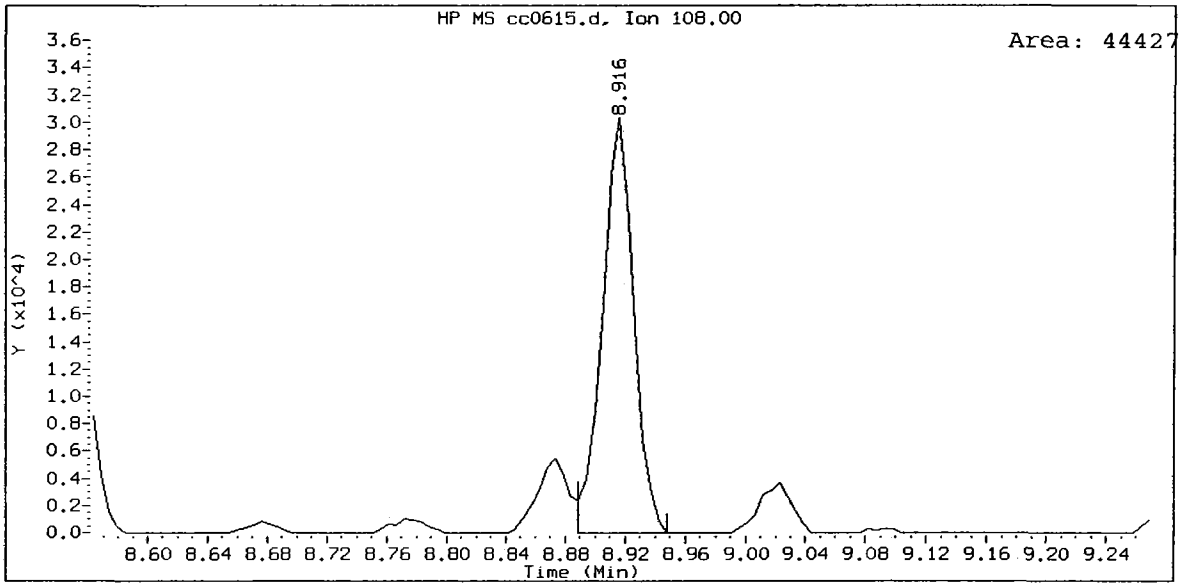




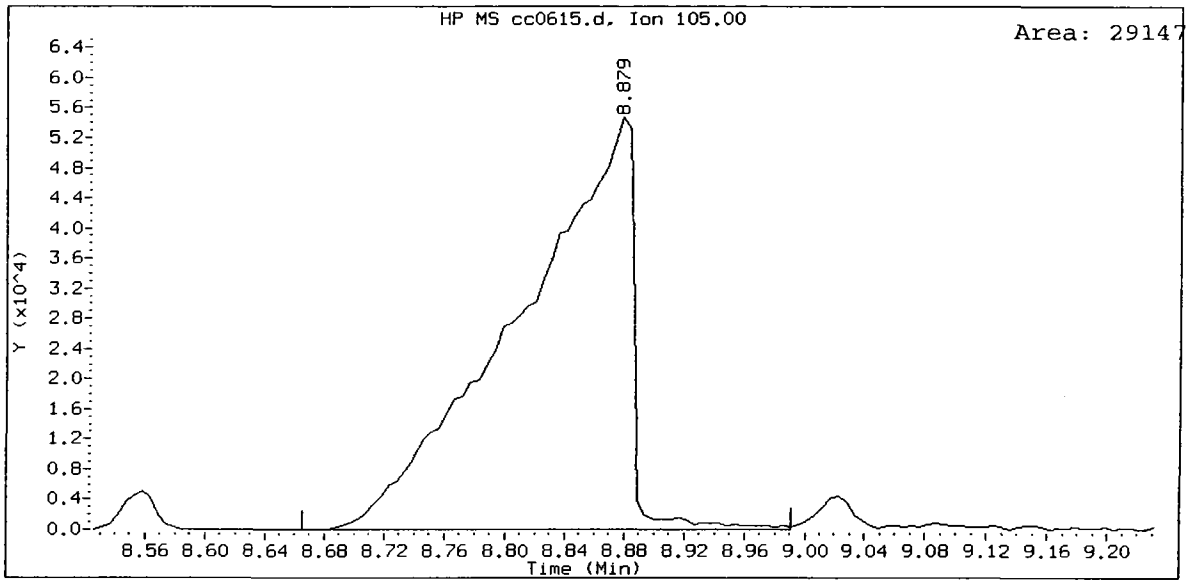
ABN 25, /chem1/nt6.i/20090615.b/cc0615.d
Naphthalene-d8 Amount: 20.00

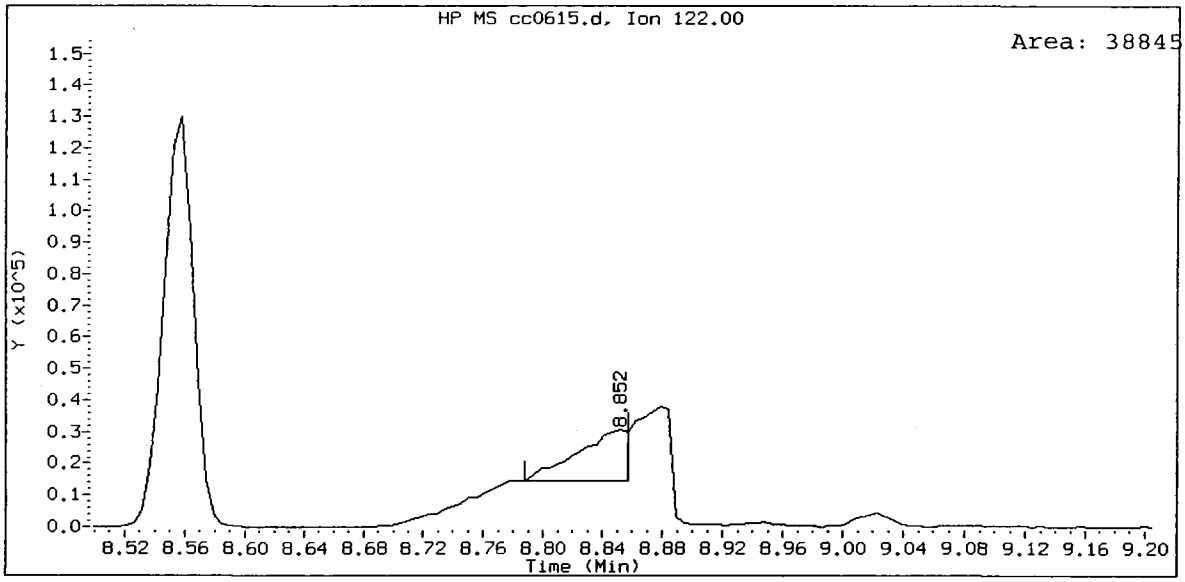


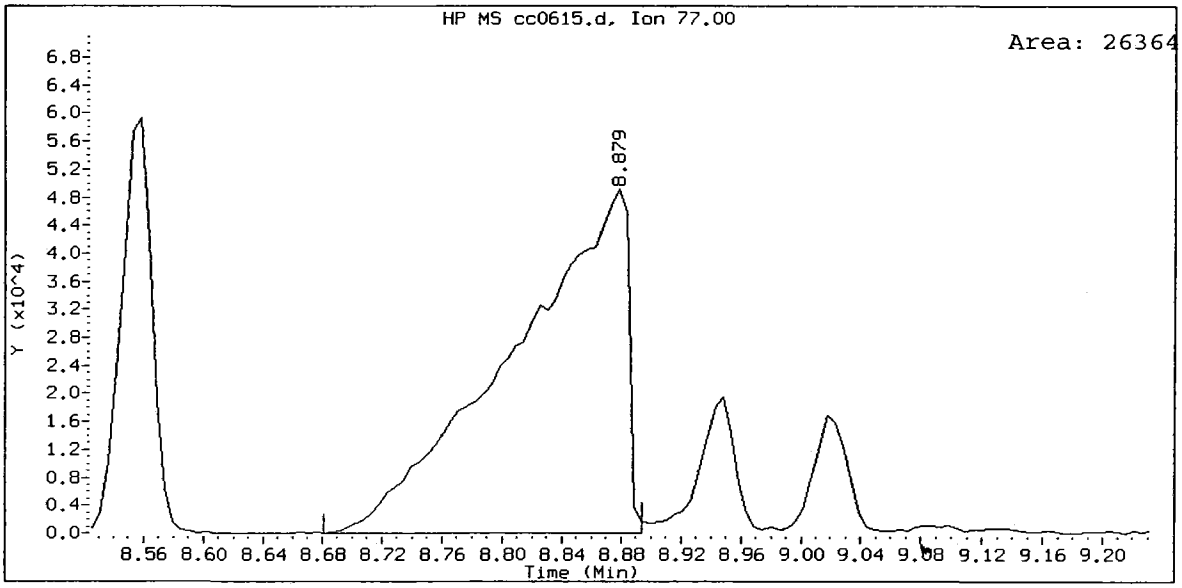




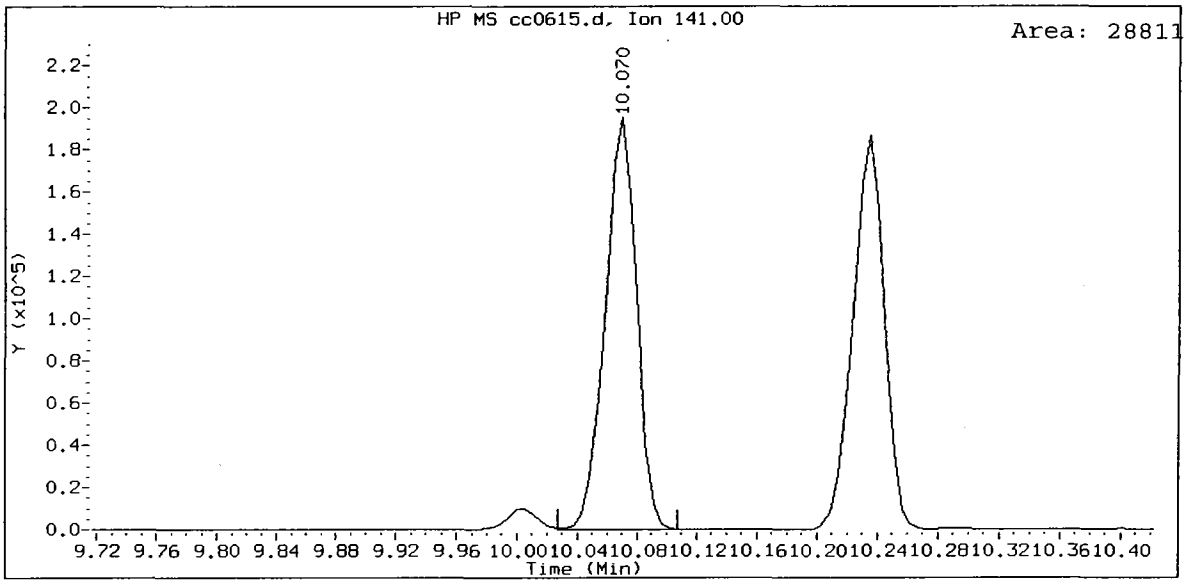
ABN 25, /chem1/nt6.i/20090615.b/cc0615.d
Benzoic acid Amount: 51.61

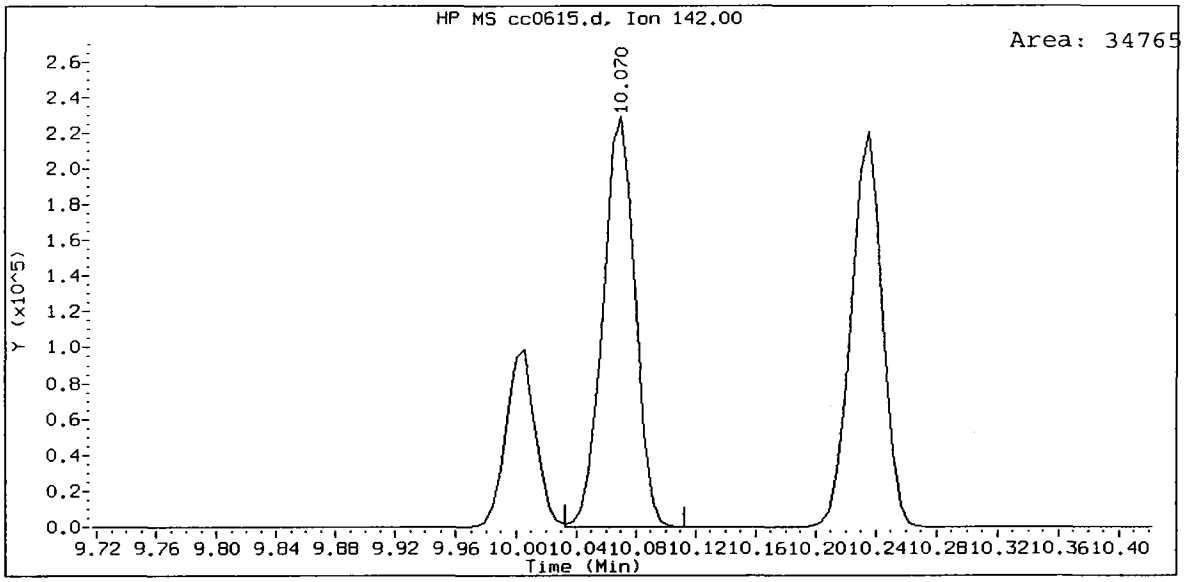




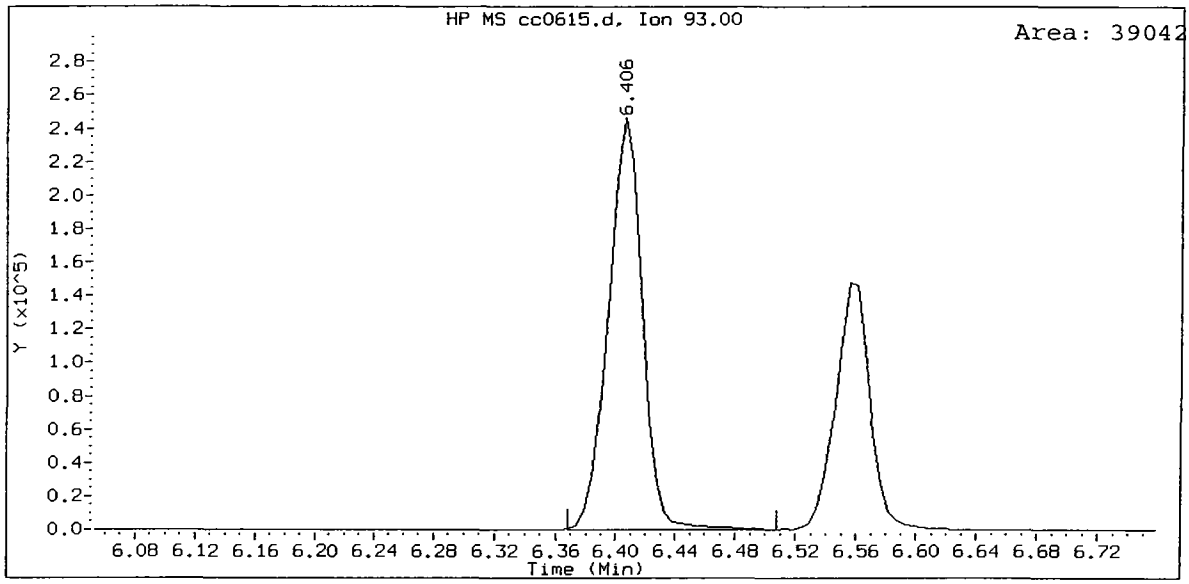


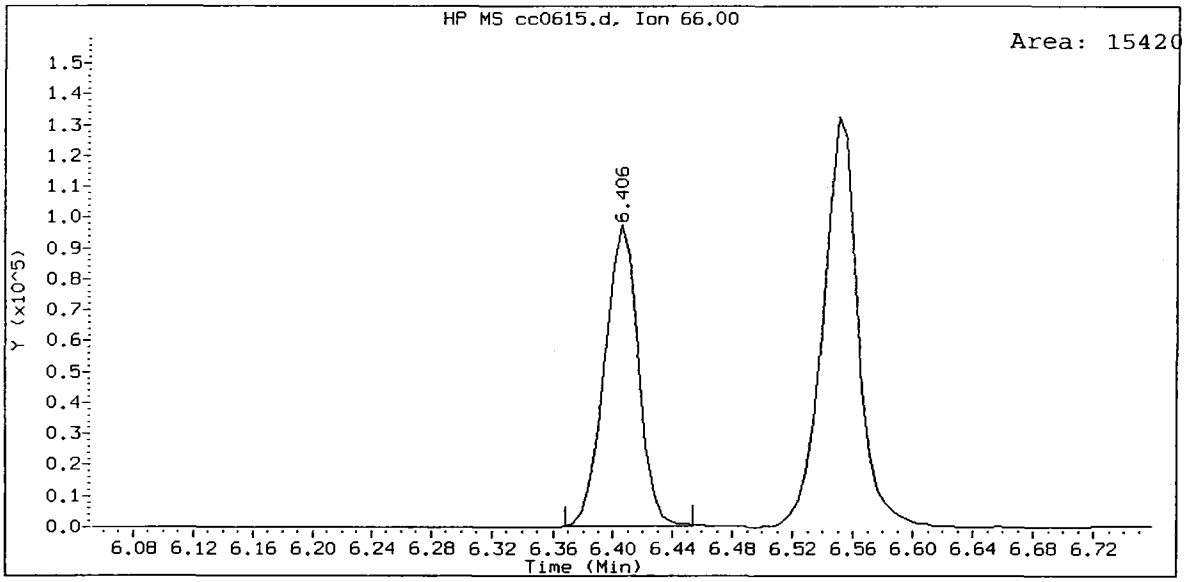
ABN 25, /chem1/nt6.i/20090615.b/cc0615.d
2-Methylnaphthalene Amount: 25.03

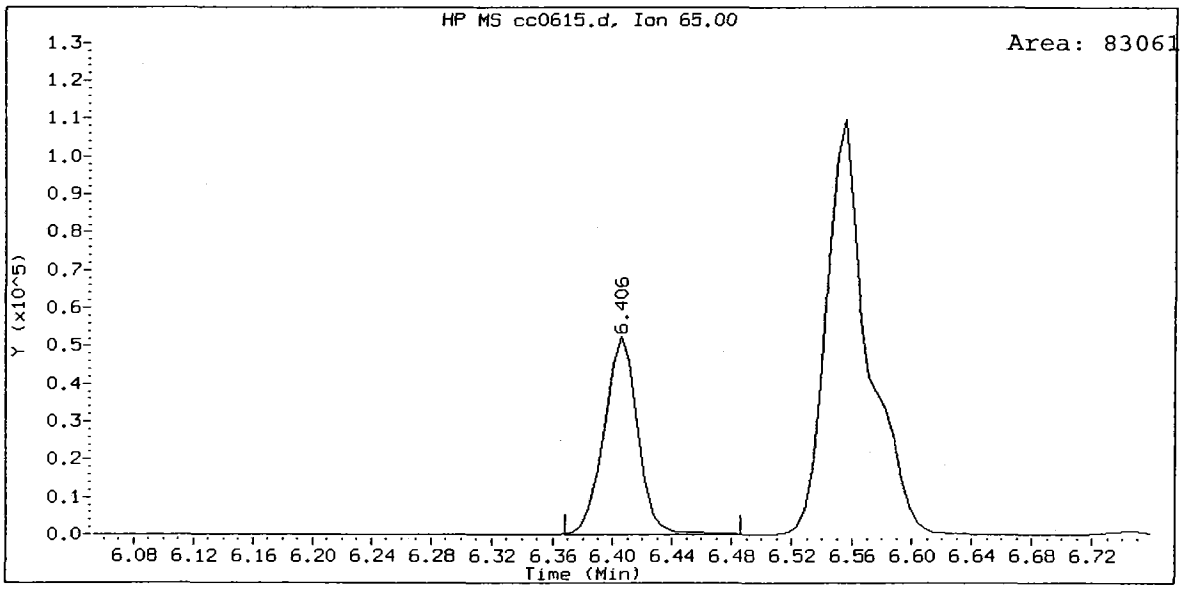




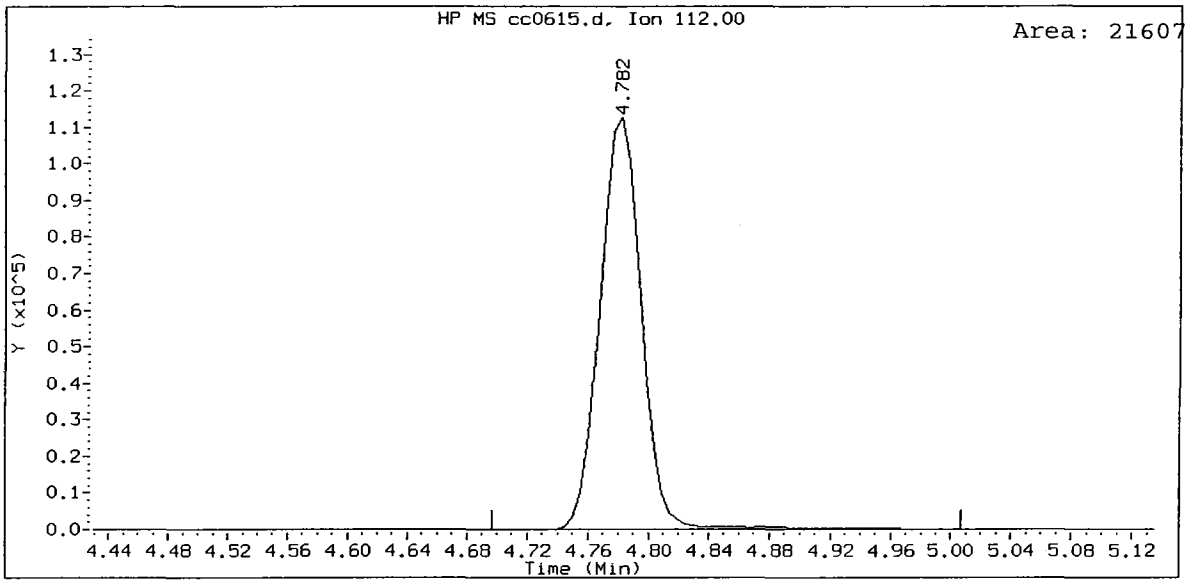
ABN 25, /chem1/nt6.i/20090615.b/cc0615.d
Aniline Amount: 24.66

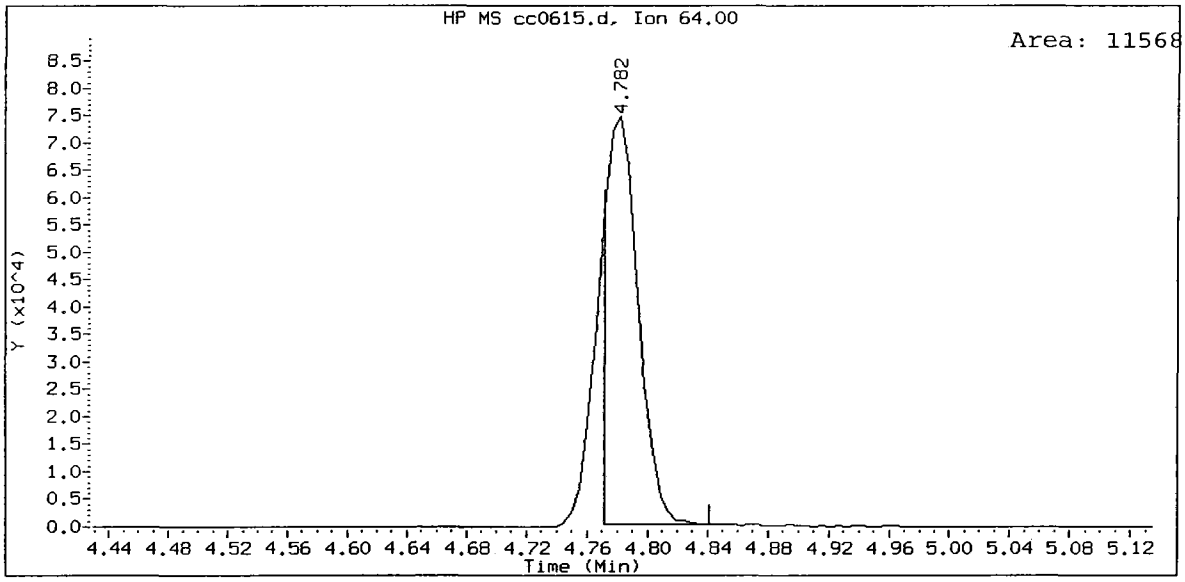






ABN 25, /chem1/nt6.i/20090615.b/cc0615.d
2-Fluorophenol Amount: 25.10





Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem1/nt6.i/20090615.b/ddt.b/cc0615.d
Method: /chem1/nt6.i/20090615.b/ddt.b/sw846ddt.m
Analysis Date: 15-JUN-2009 14:39

ARI ID:
Misc:
Instrument: nt6.i

COMPOUND	RT	AREA
Pentachlorophenol	13.942	52048
Benzidine	16.319	209994
4,4'-DDE	----	----
4,4'-DDD	17.243	1370
4,4'-DDT	17.707	152859

CTK 6/16/09

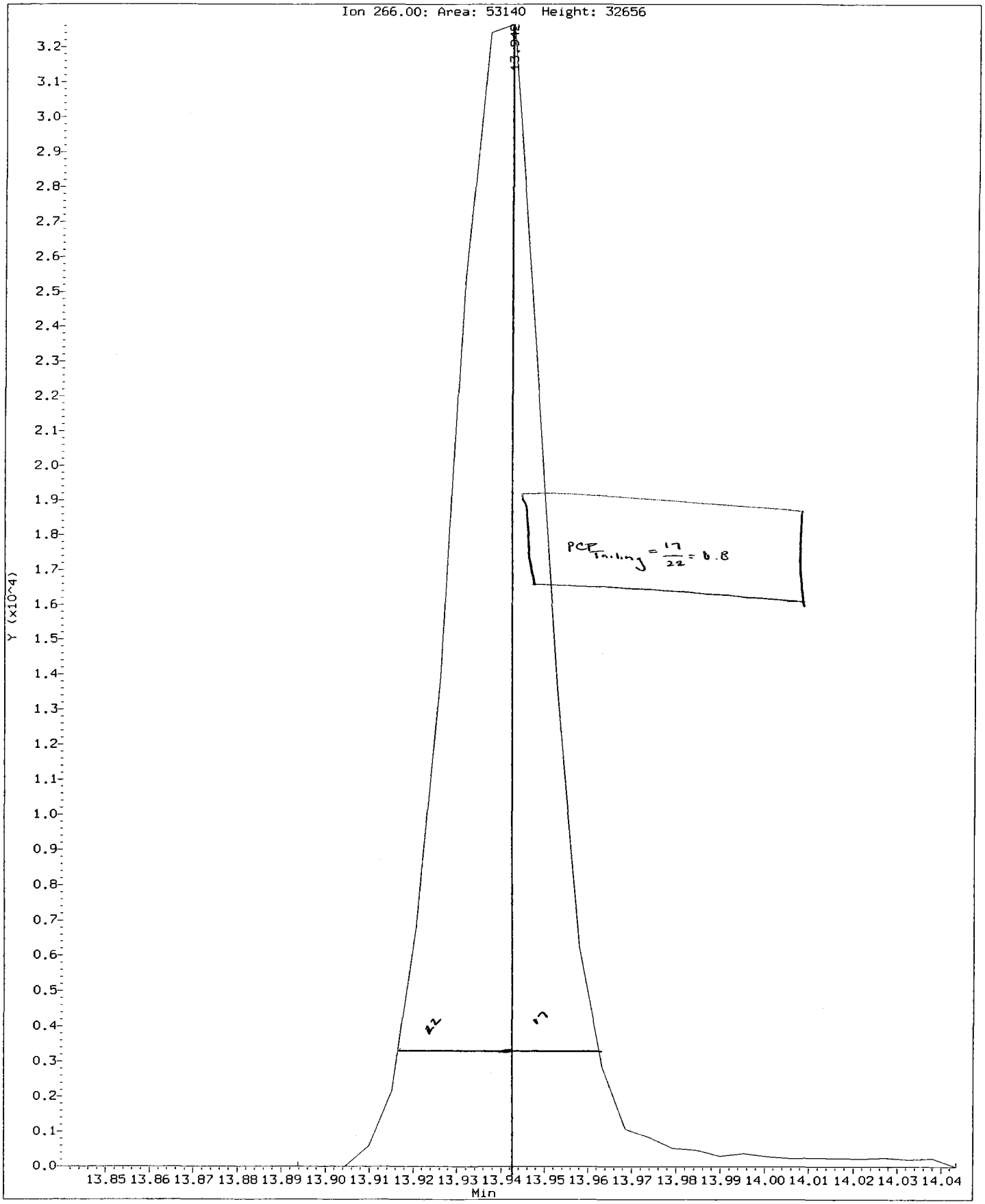
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(0 + 1370) * 100}{(0 + 1370 + 152859)}$$

DDT Percent Breakdown = 0.9 %

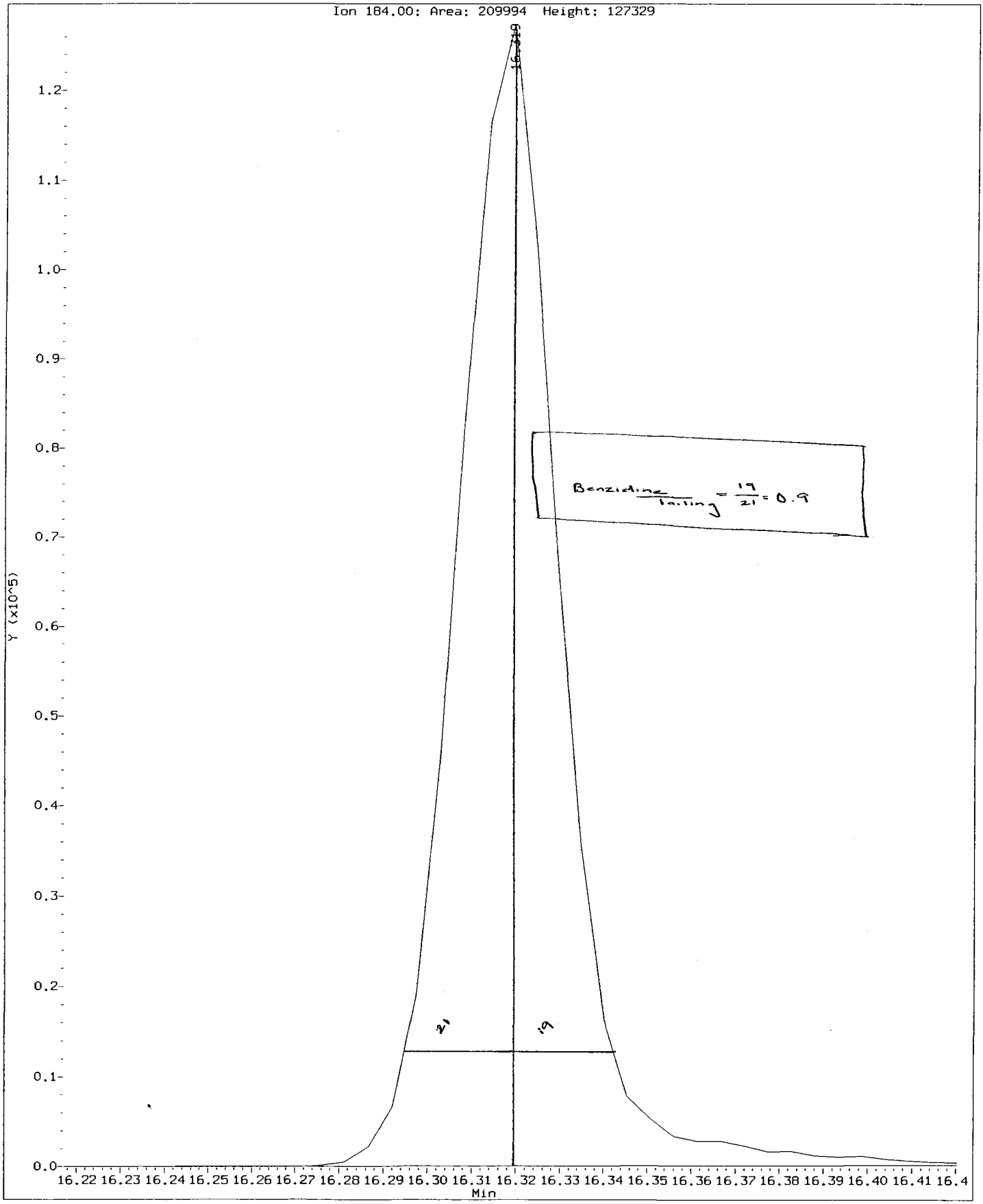
Data File: /chem1/nt6.i/20090615.b/ddt.b/cc0615.d
Injection Date: 15-JUN-2009 14:39
Instrument: nt6.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem1/nt6.i/20090615.b/ddt.b/cc0615.d
Injection Date: 15-JUN-2009 14:39
Instrument: nt6.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Semivolatile Analysis
QC Raw Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

Data File: /chem1/nt6.i/20090611.b/tune.b/0250611.d

Date : 11-JUN-2009 10:27

Client ID:

Instrument: nt6.i

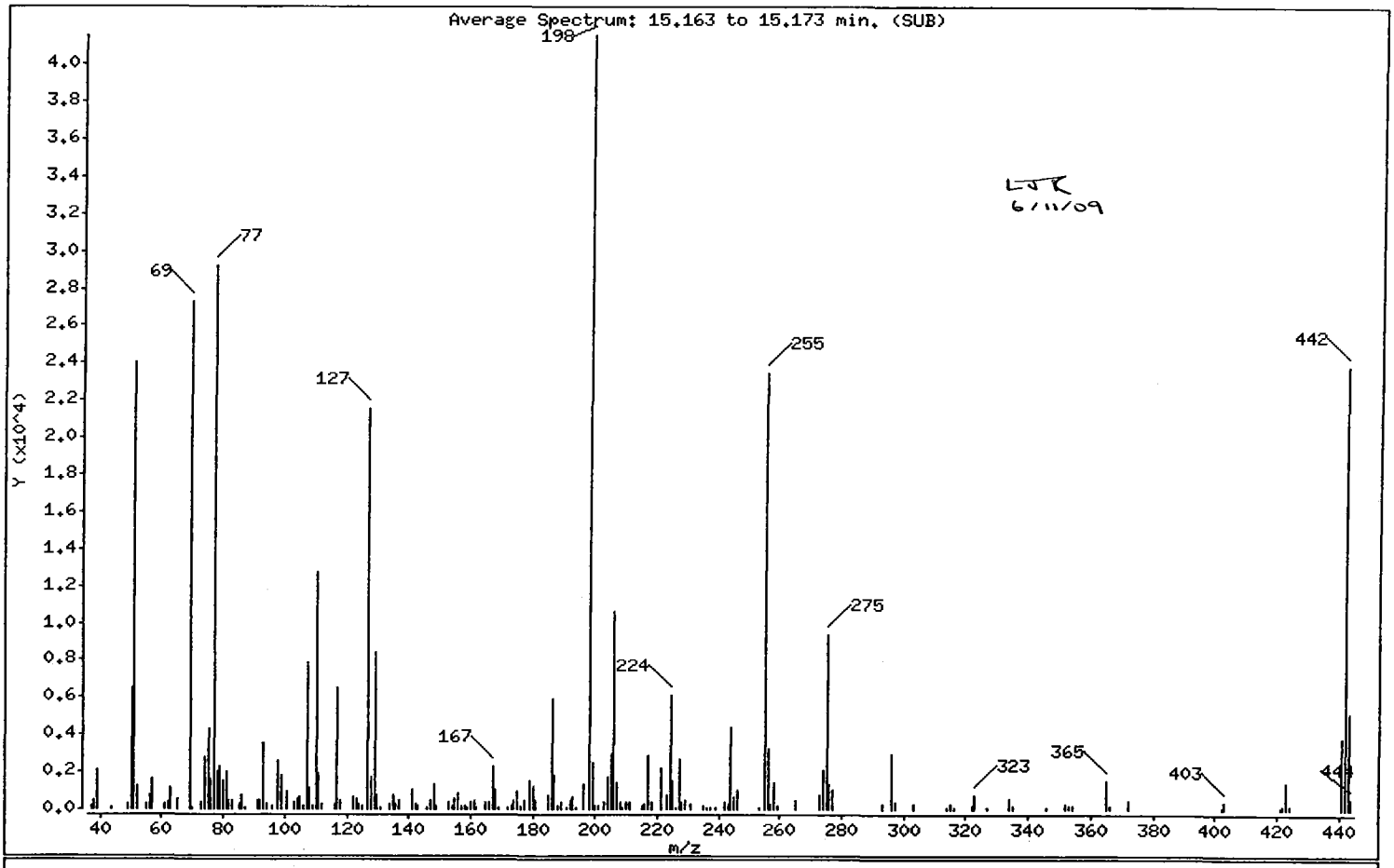
Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	57.78
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	65.68
70	Less than 2.00% of mass 69	0.33 (0.51)
127	25.00 - 75.00% of mass 198	51.91
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.04
275	10.00 - 30.00% of mass 198	22.47
365	Greater than 0.75% of mass 198	3.77
441	Present, but less than mass 443	9.13
442	40.00 - 110.00% of mass 198	57.47
443	15.00 - 24.00% of mass 442	12.40 (21.58)

Data File: /chem1/nt6.i/20090611.b/tune.b/0250611.d

Date : 11-JUN-2009 10:27

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: 0250611.d

Spectrum: Average Spectrum: 15.163 to 15.173 min. (SUB)

Location of Maximum: 198.00

Number of points: 182

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	146	110.00	12727	177.00	522	244.00	4433
38.00	448	111.00	1927	179.00	1580	245.00	623
39.00	2132	112.00	258	180.00	1218	246.00	1027
44.00	81	116.00	303	181.00	493	253.00	138
49.00	281	117.00	6506	185.00	747	255.00	23416
50.00	6551	118.00	453	186.00	5945	256.00	3212
51.00	24008	122.00	673	187.00	1808	257.00	321
52.00	1229	123.00	615	188.00	165	258.00	1475
55.00	249	124.00	298	189.00	372	259.00	191
56.00	777	125.00	233	191.00	89	265.00	473
57.00	1626	127.00	21576	192.00	477	273.00	761
61.00	323	128.00	1771	193.00	625	274.00	2073
62.00	425	129.00	8418	194.00	85	275.00	9338
63.00	1103	130.00	766	196.00	1376	276.00	1387
65.00	532	131.00	71	198.00	41560	277.00	1091
69.00	27296	134.00	251	199.00	2511	293.00	268
70.00	139	135.00	730	200.00	184	296.00	2942
73.00	345	136.00	288	201.00	184	297.00	428
74.00	2820	137.00	442	203.00	370	303.00	298
75.00	4323	141.00	1016	204.00	1698	314.00	84
76.00	1673	142.00	290	205.00	3002	315.00	294
77.00	29248	143.00	172	206.00	10626	316.00	91
78.00	2022	146.00	69	207.00	1481	322.00	147
79.00	2293	147.00	491	208.00	430	323.00	738
80.00	1542	148.00	1329	209.00	67	327.00	77
81.00	1969	149.00	182	210.00	391	334.00	598
82.00	501	153.00	376	211.00	386	335.00	161
83.00	490	154.00	177	215.00	149	346.00	68
85.00	297	155.00	588	216.00	268	352.00	277
86.00	755	156.00	907	217.00	2825	353.00	153
87.00	115	157.00	168	218.00	381	354.00	191
91.00	487	158.00	159	221.00	2192	365.00	1566
92.00	521	159.00	68	223.00	768	366.00	179
93.00	3527	160.00	348	224.00	6084	372.00	463
94.00	301	161.00	451	225.00	1576	402.00	98

Date : 11-JUN-2009 10:27

Client ID: Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5 Column diameter: 0.32

Data File: 0250611.d
Spectrum: Average Spectrum: 15.163 to 15.173 min. (SUB)
Location of Maximum: 198.00
Number of points: 182

m/z	Y	m/z	Y	m/z	Y	m/z	Y
96.00	161	162.00	102	226.00	84	403.00	339
98.00	2609	165.00	423	227.00	2634	421.00	141
99.00	1779	166.00	396	228.00	417	422.00	172
101.00	976	167.00	2254	229.00	526	423.00	1470
103.00	369	168.00	1075	231.00	322	424.00	229
104.00	599	169.00	73	235.00	217	441.00	3793
105.00	665	172.00	85	236.00	77	442.00	23880
106.00	204	173.00	165	237.00	112	443.00	5154
107.00	7854	174.00	458	239.00	70	444.00	563
108.00	1128	175.00	921	242.00	346		
109.00	149	176.00	165	243.00	276		

Data File: /chem1/nt6.i/20090611.b/tune.b/0250611.d

Date : 11-JUN-2009 10:27

Client ID:

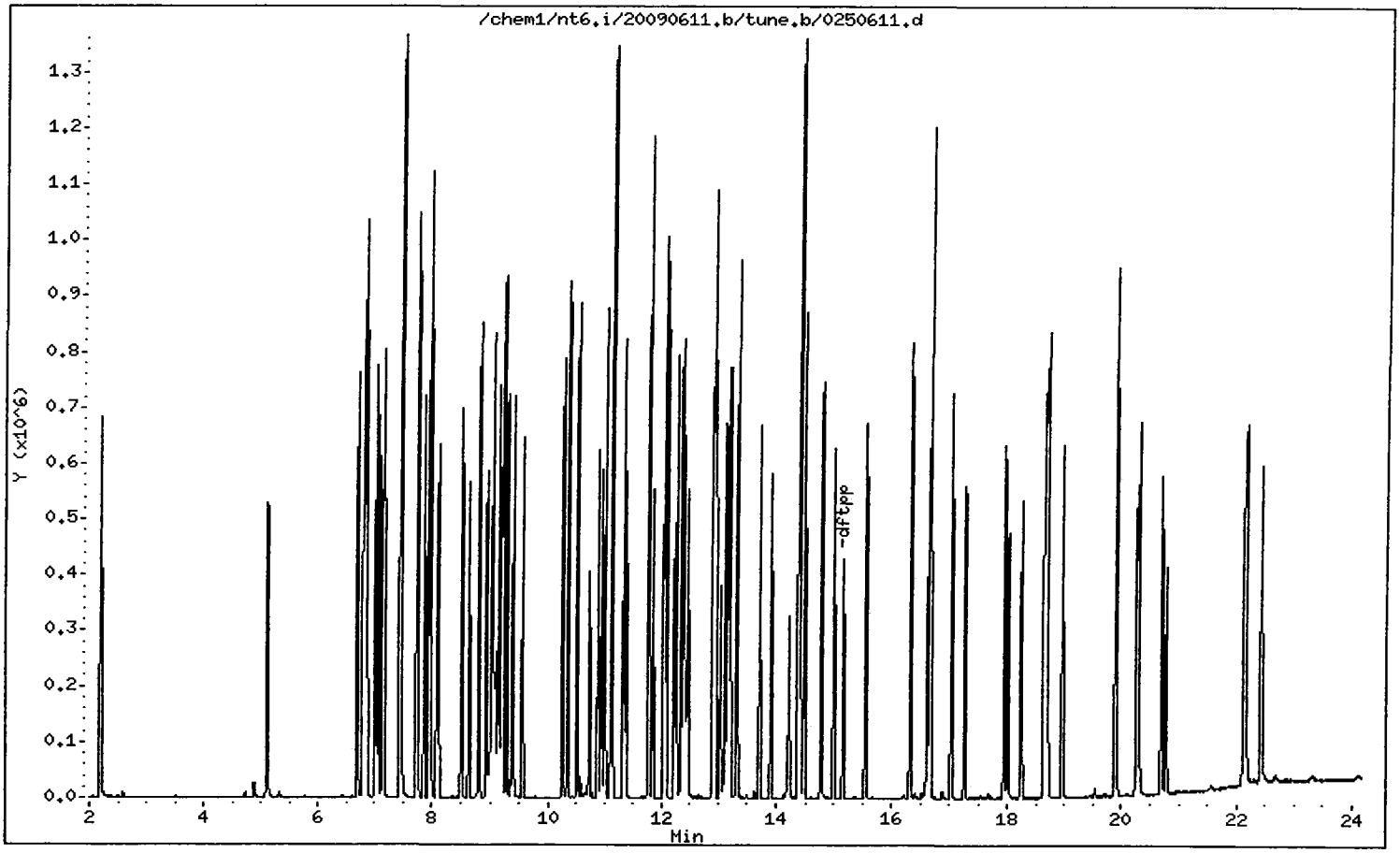
Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32



Data File: /chem1/nt6.i/20090611a.b/tune.b/cc0611.d

Date : 11-JUN-2009 15:29

Client ID:

Instrument: nt6.i

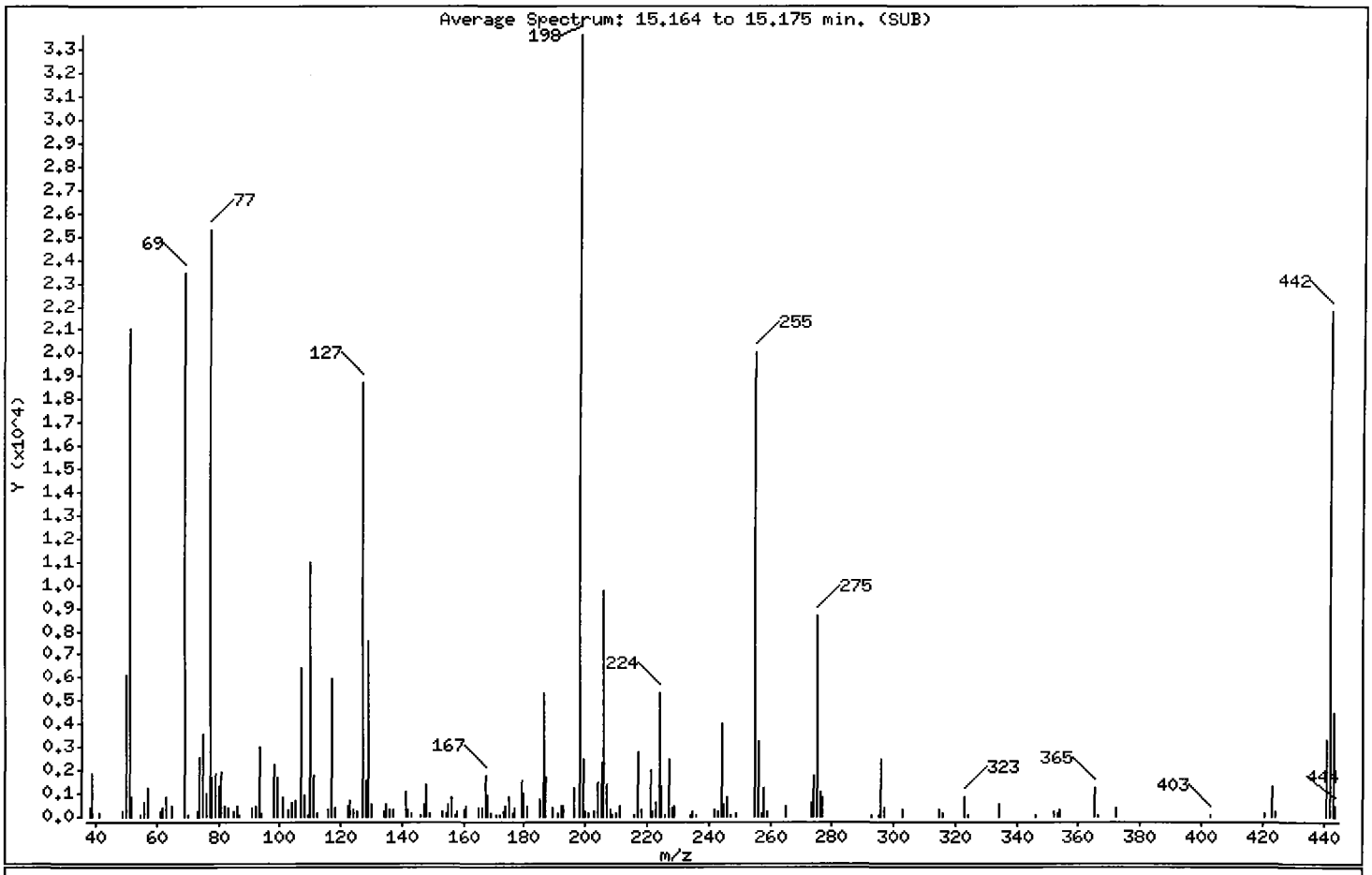
Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	62.43
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	69.73
70	Less than 2.00% of mass 69	0.24 (0.34)
127	25.00 - 75.00% of mass 198	55.62
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.27
275	10.00 - 30.00% of mass 198	25.76
365	Greater than 0.75% of mass 198	3.75
441	Present, but less than mass 443	9.89
442	40.00 - 110.00% of mass 198	64.89
443	15.00 - 24.00% of mass 442	13.34 (20.56)

Data File: /chem1/nt6.i/20090611a.b/tune.b/cc0611.d

Date : 11-JUN-2009 15:29

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: cc0611.d
Spectrum: Average Spectrum: 15.164 to 15.175 min. (SUB)
Location of Maximum: 198.00
Number of points: 170

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	378	110.00	11009	176.00	160	244.00	4015
39.00	1823	111.00	1777	177.00	400	245.00	578
41.00	167	112.00	169	179.00	1549	246.00	881
49.00	268	116.00	324	180.00	967	247.00	77
50.00	6085	117.00	5963	181.00	456	249.00	138
51.00	21000	118.00	363	185.00	765	255.00	20032
52.00	883	122.00	449	186.00	5366	256.00	3266
55.00	82	123.00	679	187.00	1685	257.00	163
56.00	602	124.00	293	189.00	370	258.00	1249
57.00	1215	125.00	227	191.00	162	259.00	255
61.00	214	127.00	18712	192.00	488	265.00	492
62.00	357	128.00	1524	193.00	443	273.00	646
63.00	865	129.00	7598	196.00	1221	274.00	1743
65.00	474	130.00	556	198.00	33640	275.00	8667
69.00	23456	134.00	263	199.00	2445	276.00	1114
70.00	80	135.00	569	200.00	266	277.00	882
73.00	248	136.00	271	201.00	169	293.00	82
74.00	2537	137.00	323	203.00	223	295.00	69
75.00	3568	141.00	1076	204.00	1452	296.00	2442
76.00	1032	142.00	339	205.00	2293	297.00	409
77.00	25272	143.00	189	206.00	9770	303.00	346
78.00	1680	146.00	74	207.00	1357	315.00	291
79.00	1847	147.00	514	208.00	342	316.00	159
80.00	1317	148.00	1403	209.00	74	323.00	814
81.00	1900	149.00	183	210.00	149	324.00	68
82.00	484	153.00	262	211.00	456	334.00	579
83.00	381	154.00	158	216.00	66	346.00	89
85.00	234	155.00	526	217.00	2748	352.00	206
86.00	458	156.00	866	218.00	341	353.00	172
87.00	73	157.00	72	221.00	1995	354.00	308
91.00	412	158.00	226	222.00	259	365.00	1260
92.00	494	160.00	275	223.00	598	366.00	79
93.00	3009	161.00	486	224.00	5322	372.00	360
94.00	179	165.00	406	225.00	1345	403.00	93
98.00	2258	166.00	351	226.00	85	421.00	145

Data File: /chem1/nt6.i/20090611a.b/tune.b/cc0611.d

Date : 11-JUN-2009 15:29

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: cc0611.d
Spectrum: Average Spectrum: 15.164 to 15.175 min. (SUB)
Location of Maximum: 198.00
Number of points: 170

m/z	Y	m/z	Y	m/z	Y	m/z	Y
99.00	1681	167.00	1752	227.00	2490	423.00	1313
101.00	865	168.00	911	228.00	351	424.00	245
103.00	308	169.00	180	229.00	491	441.00	3327
104.00	622	171.00	78	234.00	76	442.00	21824
105.00	699	172.00	67	235.00	235	443.00	4489
107.00	6442	173.00	204	236.00	73	444.00	448
108.00	959	174.00	457	242.00	334		
109.00	107	175.00	860	243.00	226		

Data File: /chem1/nt6.i/20090611a.b/tune.b/cc0611.d

Date : 11-JUN-2009 15:29

Client ID:

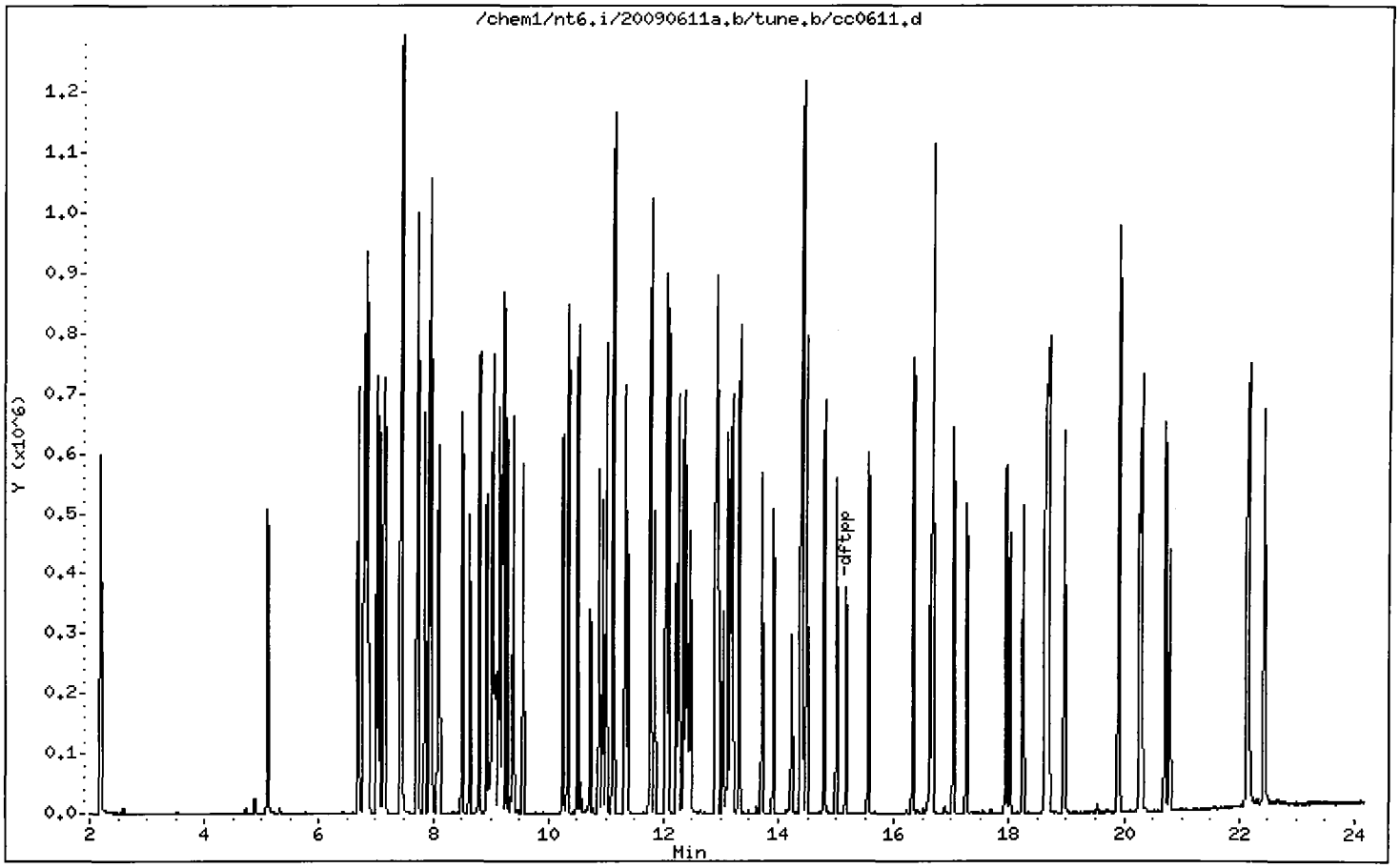
Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32



Data File: /chem1/nt6.i/20090615.b/tune.b/cc0615.d

Date : 15-JUN-2009 14:39

Client ID:

Instrument: nt6.i

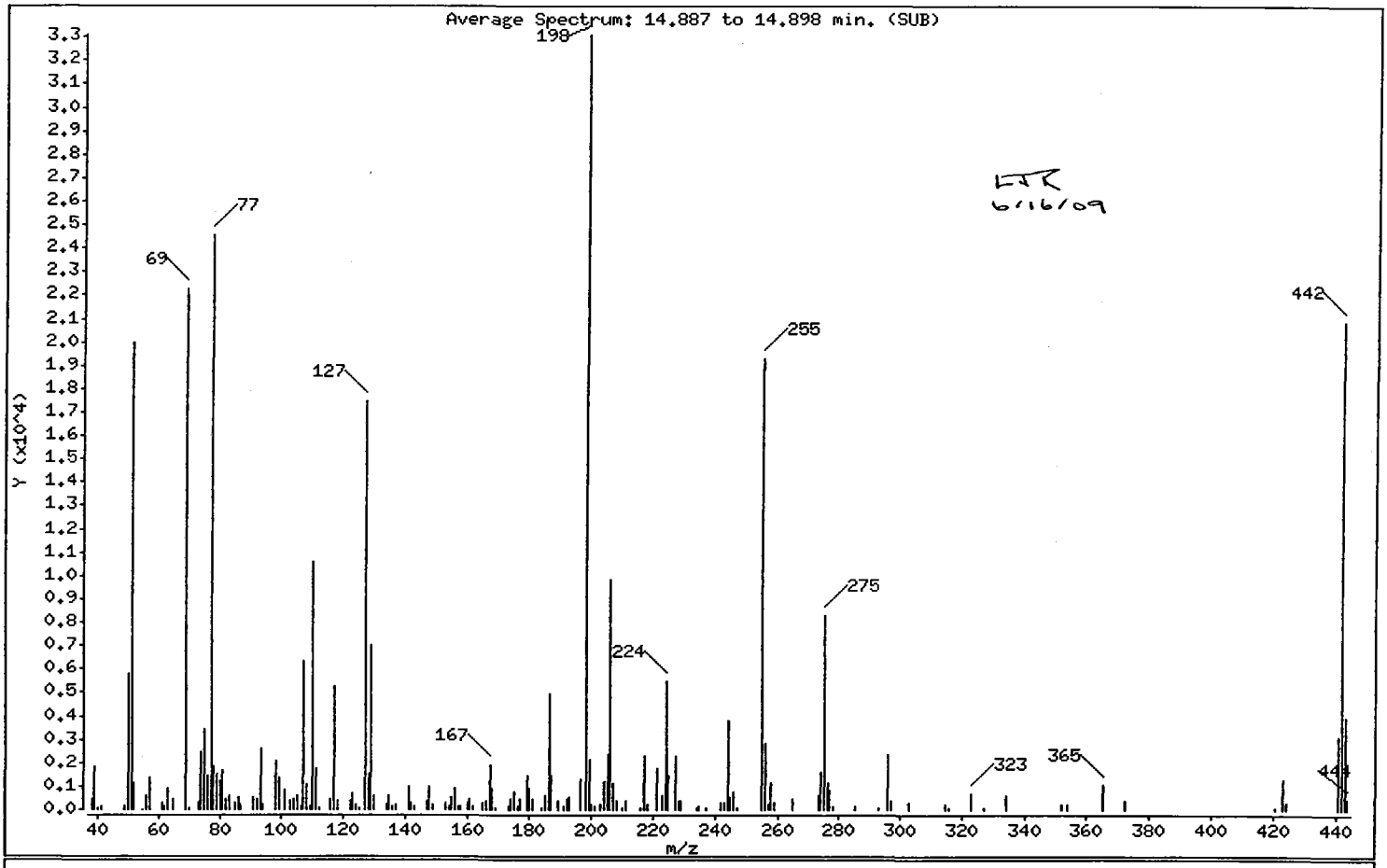
Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	60.30
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	67.28
70	Less than 2.00% of mass 69	0.25 (0.37)
127	25.00 - 75.00% of mass 198	52.69
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.49
275	10.00 - 30.00% of mass 198	25.01
365	Greater than 0.75% of mass 198	3.15
441	Present, but less than mass 443	9.50
442	40.00 - 110.00% of mass 198	63.14
443	15.00 - 24.00% of mass 442	11.95 (18.93)

Data File: /chem1/nt6.i/20090615.b/tune.b/cc0615.d

Date : 15-JUN-2009 14:39

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: cc0615.d

Spectrum: Average Spectrum: 14.887 to 14.898 min. (SUB)

Location of Maximum: 198.00

Number of points: 164

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	454	107.00	6334	174.00	425	243.00	284
39.00	1806	108.00	1032	175.00	737	244.00	3788
40.00	78	109.00	123	176.00	187	245.00	509
41.00	148	110.00	10588	177.00	429	246.00	767
49.00	173	111.00	1729	179.00	1414	247.00	72
50.00	5769	112.00	83	180.00	915	255.00	19272
51.00	19952	116.00	447	181.00	469	256.00	2795
52.00	1133	117.00	5250	184.00	74	257.00	240
55.00	10	118.00	354	185.00	640	258.00	1158
56.00	643	122.00	374	186.00	4982	259.00	285
57.00	1357	123.00	650	187.00	1434	265.00	448
61.00	314	124.00	254	189.00	373	273.00	599
62.00	162	125.00	112	191.00	185	274.00	1579
63.00	940	127.00	17432	192.00	458	275.00	8277
65.00	489	128.00	1493	193.00	508	276.00	1149
69.00	22264	129.00	7010	196.00	1300	277.00	846
70.00	83	130.00	614	198.00	33088	278.00	117
73.00	291	134.00	241	199.00	2146	285.00	152
74.00	2425	135.00	584	200.00	223	293.00	78
75.00	3394	136.00	178	201.00	138	296.00	2375
76.00	1420	137.00	237	203.00	192	297.00	368
77.00	24536	141.00	957	204.00	1242	303.00	307
78.00	1862	142.00	296	205.00	2390	315.00	247
79.00	1538	143.00	164	206.00	9797	316.00	89
80.00	1236	147.00	354	207.00	1120	323.00	656
81.00	1702	148.00	1017	208.00	370	327.00	87
82.00	454	149.00	215	210.00	86	334.00	595
83.00	584	153.00	313	211.00	378	352.00	226
85.00	326	154.00	165	216.00	96	354.00	266
86.00	548	155.00	528	217.00	2299	365.00	1041
87.00	251	156.00	907	218.00	266	372.00	374
91.00	512	157.00	163	221.00	1737	421.00	79
92.00	448	158.00	160	223.00	611	423.00	1300
93.00	2611	160.00	308	224.00	5482	424.00	291
94.00	243	161.00	479	225.00	1423	441.00	3144

Date : 15-JUN-2009 14:39

Client ID: Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5 Column diameter: 0.32

Data File: cc0615.d
Spectrum: Average Spectrum: 14.887 to 14.898 min. (SUB)
Location of Maximum: 198.00
Number of points: 164

m/z	Y	m/z	Y	m/z	Y	m/z	Y
98.00	2064	162.00	150	227.00	2280	442.00	20888
99.00	1378	165.00	301	228.00	360	443.00	3955
101.00	830	166.00	377	229.00	407	444.00	462
103.00	352	167.00	1901	234.00	68		
104.00	488	168.00	944	235.00	137		
105.00	595	169.00	70	237.00	81		
106.00	183	173.00	158	242.00	293		

Data File: /chem1/nt6.i/20090615.b/tune.b/cc0615.d

Date : 15-JUN-2009 14:39

Client ID:

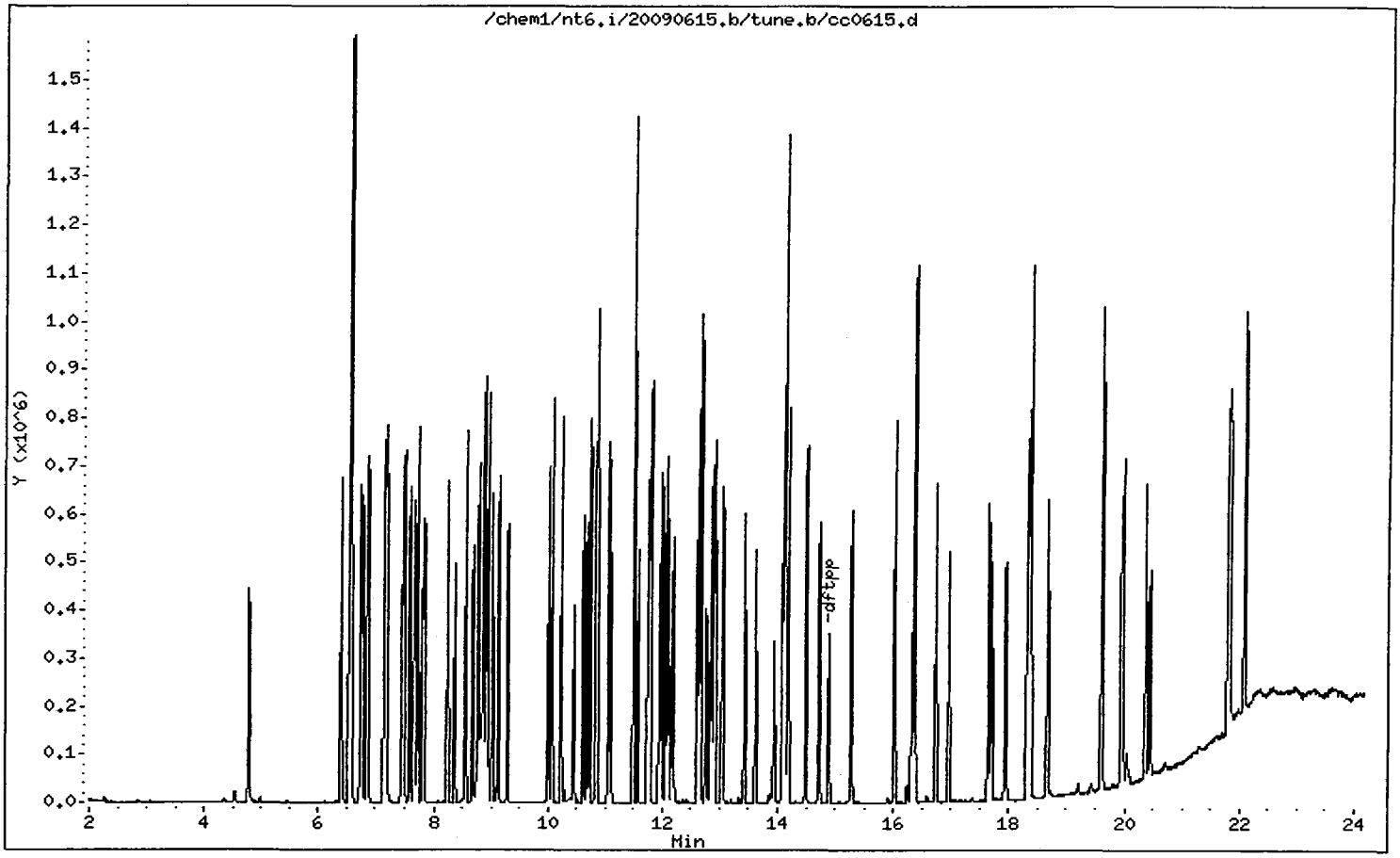
Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: MB-060809
METHOD BLANK

Lab Sample ID: MB-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 20:57
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.0 g
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	Fluoranthene	20	< 20 U
129-00-0	Pyrene	20	< 20 U
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	65.2%	2-Fluorobiphenyl	66.0%
d14-p-Terphenyl	71.2%	d4-1,2-Dichlorobenzene	62.8%
d5-Phenol	62.7%	2-Fluorophenol	66.1%
2,4,6-Tribromophenol	79.7%	d4-2-Chlorophenol	62.4%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611a.b/pb06mb.d
Lab Smp Id: PB06MBS1 Client Smp ID: PB06MBS1
Inj Date : 11-JUN-2009 20:57
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB06MBS1
Misc Info : 09-12548
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611a.b/SW846.m
Meth Date : 12-Jun-2009 10:27 van Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 11 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	7.50000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.139	5.102	(0.720)	182643	24.7754	1652
$	2 Phenol-d5	99	6.811	6.784	(0.954)	232797	23.5158	1568
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.854	6.838	(0.960)	141089	23.3883	1559
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.137	7.131	(1.000)	89418	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.441	7.431	(1.043)	69921	15.7035	1047
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	17 Hexachloroethane	117	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.088	8.082	(0.879)	151487	16.3441	1090
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.198	9.193	(1.000)	301795	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.014	11.004	(0.915)	209176	16.5322	1102
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.040	12.035	(1.000)	170342	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.332	13.322	(1.107)	48617	29.9328	1996
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.395	14.379	(1.000)	326846	20.0000	
	60 Phenanthrene	178	Compound Not Detected.					
	61 Anthracene	178	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
62	Carbazole	167	Compound Not Detected.					
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	Compound Not Detected.					
65	Pyrene	202	Compound Not Detected.					
$ 66	Terphenyl-d14	244	17.045	17.028	(0.913)	398720	17.7988	1187
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	18.668	18.652	(1.000)	419416	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	Compound Not Detected.					
72	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
* 134	Di-n-octylphthalate-d4	153	19.902	19.891	(1.000)	627284	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	Compound Not Detected.					
75	Benzo(k)fluoranthene	252	Compound Not Detected.					
76	Benzo(a)pyrene	252	Compound Not Detected.					
* 77	Perylene-d12	264	20.805	20.783	(1.000)	450090	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

VTS
6.12.2009

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb06mb.d
Lab Smp Id: PB06MBS1
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12548

Calibration Date: 11-JUN-2009
Calibration Time: 15:29
Client Smp ID: PB06MBS1
Level: LOW
Sample Type: Solid

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	89418	-20.44
27 Naphthalene-d8	384492	192246	768984	301795	-21.51
42 Acenaphthene-d10	217478	108739	434956	170342	-21.67
59 Phenanthrene-d10	336594	168297	673188	326846	-2.90
69 Chrysene-d12	247160	123580	494320	419416	69.69
134 Di-n-octylphthala	347036	173518	694072	627284	80.75
77 Perylene-d12	232938	116469	465876	450090	93.22

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.14	0.08
27 Naphthalene-d8	9.19	8.69	9.69	9.20	0.06
42 Acenaphthene-d10	12.03	11.53	12.53	12.04	0.04
59 Phenanthrene-d10	14.38	13.88	14.88	14.40	0.11
69 Chrysene-d12	18.65	18.15	19.15	18.67	0.09
134 Di-n-octylphthala	19.89	19.39	20.39	19.90	0.05
77 Perylene-d12	20.78	20.28	21.28	20.80	0.10

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06MBS1
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12548

Client SDG: PB06
Fraction: SV
Client Smp ID: PB06MBS1
Operator: LJR/VTS
SampleType: BLANK
Quant Type: ISTD

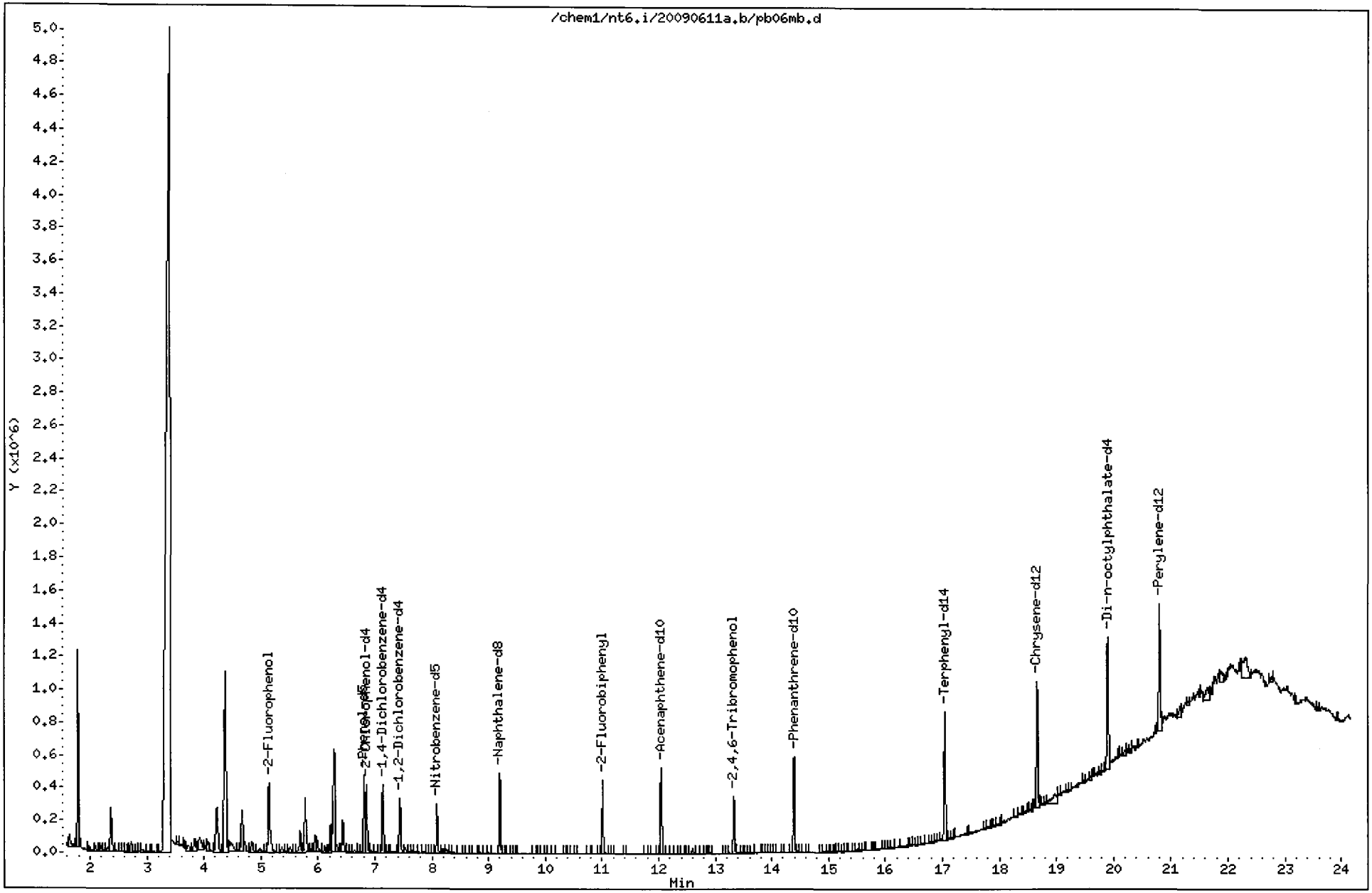
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	2500	1652	66.07	21-100
$ 2 Phenol-d5	2500	1568	62.71	10-100
$ 5 2-Chlorophenol-d4	2500	1559	62.37	30-100
$ 10 1,2-Dichlorobenzen	1667	1047	62.81	24-100
$ 18 Nitrobenzene-d5	1667	1090	65.38	26-100
$ 36 2-Fluorobiphenyl	1667	1102	66.13	32-100
$ 55 2,4,6-Tribromophen	2500	1996	79.82	33-118
$ 66 Terphenyl-d14	1667	1187	71.20	21-97

Data File: /chem1/nt6.i/20090611a.b/pb06mb.d
Date : 11-JUN-2009 20:57
Client ID: PB06MBS1
Sample Info: PB06MBS1
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32

PB06:06137



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: BW-07-SS-090602
MATRIX SPIKE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 23:41
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	19	---
541-73-1	1,3-Dichlorobenzene	19	---
106-46-7	1,4-Dichlorobenzene	19	---
100-51-6	Benzyl Alcohol	19	---
95-50-1	1,2-Dichlorobenzene	19	---
95-48-7	2-Methylphenol	19	---
106-44-5	4-Methylphenol	19	---
105-67-9	2,4-Dimethylphenol	19	---
65-85-0	Benzoic Acid	190	---
120-82-1	1,2,4-Trichlorobenzene	19	---
91-20-3	Naphthalene	19	---
87-68-3	Hexachlorobutadiene	19	---
91-57-6	2-Methylnaphthalene	19	---
131-11-3	Dimethylphthalate	19	---
208-96-8	Acenaphthylene	19	---
83-32-9	Acenaphthene	19	---
132-64-9	Dibenzofuran	19	---
84-66-2	Diethylphthalate	19	---
86-73-7	Fluorene	19	---
86-30-6	N-Nitrosodiphenylamine	19	---
118-74-1	Hexachlorobenzene	19	---
87-86-5	Pentachlorophenol	97	---
85-01-8	Phenanthrene	19	---
120-12-7	Anthracene	19	---
84-74-2	Di-n-Butylphthalate	19	---
206-44-0	Fluoranthene	19	---
129-00-0	Pyrene	19	---
85-68-7	Butylbenzylphthalate	19	---
56-55-3	Benzo(a)anthracene	19	---
117-81-7	bis(2-Ethylhexyl)phthalate	19	---
218-01-9	Chrysene	19	---
117-84-0	Di-n-Octyl phthalate	19	---
205-99-2	Benzo(b)fluoranthene	19	---
207-08-9	Benzo(k)fluoranthene	19	---
50-32-8	Benzo(a)pyrene	19	---
193-39-5	Indeno(1,2,3-cd)pyrene	19	---
53-70-3	Dibenz(a,h)anthracene	19	---
191-24-2	Benzo(g,h,i)perylene	19	---
90-12-0	1-Methylnaphthalene	19	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	72.4%	2-Fluorobiphenyl	73.6%
d14-p-Terphenyl	59.6%	d4-1,2-Dichlorobenzene	64.8%
d5-Phenol	80.0%	2-Fluorophenol	76.5%
2,4,6-Tribromophenol	99.5%	d4-2-Chlorophenol	74.4%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611a.b/pb06gms.d
Lab Smp Id: PB06GMS Client Smp ID: BW-07-SS-090602 MS
Inj Date : 11-JUN-2009 23:41
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB06GMS
Misc Info : 09-12548
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611a.b/SW846.m
Meth Date : 15-Jun-2009 11:03 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 16 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/15/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	36.60000	Weight of sample extracted (g)
M	29.70000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.140	5.102	(0.720)	206744	28.6820	557.4
$	2 Phenol-d5	99	6.844	6.784	(0.958)	290077	29.9678	582.4
	3 Phenol	94	6.866	6.806	(0.961)	203508	19.4661	378.3
$	5 2-Chlorophenol-d4	132	6.860	6.838	(0.960)	164515	27.8914	542.0
	4 Bis(2-Chloroethyl)ether	93	6.844	6.832	(0.958)	140483	17.8017	345.9
	6 2-Chlorophenol	128	6.882	6.859	(0.963)	123712	18.7343	364.1
	7 1,3-Dichlorobenzene	146	7.074	7.062	(0.990)	118942	16.5443	321.5
*	8 1,4-Dichlorobenzene-d4	152	7.143	7.131	(1.000)	87431	20.0000	
	9 1,4-Dichlorobenzene	146	7.170	7.158	(1.004)	119183	16.5548	321.7
$	10 1,2-Dichlorobenzene-d4	152	7.442	7.431	(1.042)	70597	16.2156	315.1
	12 1,2-Dichlorobenzene	146	7.464	7.452	(1.045)	118742	16.8007	326.5
	11 Benzyl alcohol	108	7.480	7.463	(1.047)	176673	36.0989	701.5
	14 2,2'-oxybis(1-Chloropropane)	45	7.736	7.724	(1.083)	169870	17.3761	337.7
	13 2-Methylphenol	108	7.763	7.740	(1.087)	133454	19.4922	378.8
	17 Hexachloroethane	117	7.950	7.943	(1.113)	43499	13.0710	254.0

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	7.961	7.943	(1.114)	125148	19.2832	374.7
	15 4-Methylphenol	108	8.014	7.981	(1.122)	288639	41.2448	801.5
$	18 Nitrobenzene-d5	82	8.094	8.082	(0.880)	165607	18.0767	351.3
	19 Nitrobenzene	77	8.121	8.114	(0.883)	172438	18.1325	352.4
	20 Isophorone	82	8.532	8.509	(0.927)	316307	19.8881	386.5
	21 2-Nitrophenol	139	8.644	8.638	(0.940)	63655	18.3750	357.1
	22 2,4-Dimethylphenol	107	8.826	8.809	(0.959)	152799	20.1516	391.6
	23 Bis(2-Chloroethoxy)methane	93	8.943	8.937	(0.972)	166082	18.9555	368.4
	24 Benzoic acid	105	9.168	9.102	(0.996)	370391	78.1683	1519
	25 2,4-Dichlorophenol	162	9.055	9.038	(0.984)	105305	21.3274	414.4
	26 1,2,4-Trichlorobenzene	180	9.157	9.145	(0.995)	107081	17.8578	347.0
*	27 Naphthalene-d8	136	9.200	9.193	(1.000)	298303	20.0000	
	28 Naphthalene	128	9.232	9.220	(1.003)	343050	19.3450	375.9
	29 4-Chloroaniline	127	9.445	9.396	(1.027)	49223	6.43846	125.1 (M)
	30 Hexachlorobutadiene	225	9.568	9.562	(1.040)	61866	18.4435	358.4
	31 4-Chloro-3-methylphenol	107	10.279	10.256	(1.117)	141513	22.6342	439.8
	32 2-Methylnaphthalene	141	10.359	10.347	(1.126)	189743	19.6419	381.7
	33 Hexachlorocyclopentadiene	237	10.738	10.731	(0.891)	28974	8.40637	163.4 (R)
	34 2,4,6-Trichlorophenol	196	10.898	10.881	(0.905)	85617	22.0969	429.4
	35 2,4,5-Trichlorophenol	196	10.968	10.940	(0.910)	89829	22.6188	439.5
$	36 2-Fluorobiphenyl	172	11.016	11.004	(0.914)	247559	18.3551	356.7
	37 2-Chloronaphthalene	162	11.128	11.116	(0.924)	225914	18.6910	363.2
	38 2-Nitroaniline	65	11.384	11.372	(0.945)	113166	22.5101	437.4
	39 Dimethylphthalate	163	11.779	11.768	(0.978)	283230	21.3810	415.5
	40 Acenaphthylene	152	11.795	11.778	(0.979)	377121	20.8967	406.1
	41 2,6-Dinitrotoluene	165	11.860	11.848	(0.984)	64311	22.3307	433.9
*	42 Acenaphthene-d10	164	12.046	12.035	(1.000)	181578	20.0000	
	43 3-Nitroaniline	138	12.068	12.045	(1.002)	61907	18.8269	365.9
	44 Acenaphthene	153	12.100	12.083	(1.004)	238992	20.9832	407.8
	45 2,4-Dinitrophenol	184	12.244	12.216	(1.016)	116700	76.4683	1486
	46 Dibenzofuran	168	12.362	12.350	(1.026)	357028	21.6949	421.6
	47 4-Nitrophenol	109	12.458	12.419	(1.034)	55760	26.5927	516.8
	48 2,4-Dinitrotoluene	165	12.484	12.462	(1.036)	90393	24.2036	470.3
	50 Diethylphthalate	149	12.928	12.916	(1.073)	280136	23.2333	451.5
	49 Fluorene	166	12.912	12.894	(1.072)	321307	23.8693	463.8
	51 4-Chlorophenyl-phenylether	204	12.960	12.948	(1.076)	146041	21.9817	427.2
	52 4-Nitroaniline	138	13.051	13.033	(1.083)	36527	12.5008	242.9 (M)
	53 4,6-Dinitro-2-methylphenol	198	13.141	13.113	(0.913)	177549	69.2440	1346
	54 N-Nitrosodiphenylamine	169	13.173	13.156	(0.915)	213464	20.0943	390.5
$	55 2,4,6-Tribromophenol	330	13.339	13.322	(1.107)	64628	37.3284	725.4
	56 4-Bromophenyl-phenylether	248	13.729	13.717	(0.954)	84304	19.4688	378.3
	57 Hexachlorobenzene	284	13.932	13.915	(0.968)	86052	19.4709	378.4
	58 Pentachlorophenol	266	14.247	14.224	(0.990)	57080	28.2814	549.6 (R)
*	59 Phenanthrene-d10	188	14.397	14.379	(1.000)	340489	20.0000	
	60 Phenanthrene	178	14.434	14.417	(1.003)	547728	25.3442	492.5 (R)
	61 Anthracene	178	14.509	14.486	(1.008)	594899	27.1522	527.6 (R)
	62 Carbazole	167	14.818	14.791	(1.029)	463346	25.7349	500.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
63	Di-n-butylphthalate	149	15.577	15.554	(1.082)	545360	25.3172	492.0
64	Fluoranthene	202	16.378	16.329	(1.138)	885876	40.1500	780.2(R)
65	Pyrene	202	16.709	16.671	(0.894)	901374	20.1906	392.4
$ 66	Terphenyl-d14	244	17.056	17.028	(0.912)	429603	14.9259	290.1
67	Butylbenzylphthalate	149	17.970	17.942	(0.961)	318006	17.6383	342.8
68	Benzo(a)anthracene	228	18.675	18.625	(0.999)	951737	23.9289	465.0
* 69	Chrysene-d12	240	18.696	18.652	(1.000)	538884	20.0000	
70	3,3'-Dichlorobenzidine	252	18.733	18.668	(1.002)	106392	7.29681	141.8(M)
71	Chrysene	228	18.739	18.690	(1.002)	1026783	26.9614	523.9(R)
72	bis(2-Ethylhexyl)phthalate	149	18.995	18.957	(0.953)	784768	33.4543	650.1(R)
* 134	Di-n-octylphthalate-d4	153	19.930	19.891	(1.000)	756339	20.0000	
73	Di-n-octylphthalate	149	19.941	19.897	(1.001)	878953	21.5592	419.0
74	Benzo(b)fluoranthene	252	20.336	20.265	(0.975)	1151339	30.8808	600.1(R)
75	Benzo(k)fluoranthene	252	20.362	20.303	(0.977)	1013503	26.4663	514.3(M)
76	Benzo(a)pyrene	252	20.768	20.703	(0.996)	827928	24.5312	476.7
* 77	Perylene-d12	264	20.849	20.783	(1.000)	514495	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.200	22.135	(1.065)	596118	13.2497	257.5
79	Dibenzo(a,h)anthracene	278	22.227	22.161	(1.066)	493068	14.4352	280.5
80	Benzo(g,h,i)perylene	276	22.510	22.428	(1.080)	433289	11.0195	214.1
90	N-Nitrosodimethylamine	74	2.251	2.207	(0.315)	108348	19.5600	380.1
91	Aniline	93	6.641	6.688	(0.930)	33478	2.52484	49.06(RM)
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	2.251	2.186	(0.315)	119792	12.6073	245.0
105	1-methylnaphthalene	141	10.524	10.512	(1.144)	195563	21.1394	410.8
111	Azobenzene (1,2-DP-Hydrazine)	77	13.211	13.194	(1.097)	435517	22.5697	438.6

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb06gms.d
Lab Smp Id: PB06GMS
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12548

Calibration Date: 11-JUN-2009
Calibration Time: 15:29
Client Smp ID: BW-07-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	87431	-22.21
27 Naphthalene-d8	384492	192246	768984	298303	-22.42
42 Acenaphthene-d10	217478	108739	434956	181578	-16.51
59 Phenanthrene-d10	336594	168297	673188	340489	1.16
69 Chrysene-d12	247160	123580	494320	538884	118.03 <-
134 Di-n-octylphthala	347036	173518	694072	756339	117.94 <-
77 Perylene-d12	232938	116469	465876	514495	120.87 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.14	0.17
27 Naphthalene-d8	9.19	8.69	9.69	9.20	0.07
42 Acenaphthene-d10	12.03	11.53	12.53	12.05	0.10
59 Phenanthrene-d10	14.38	13.88	14.88	14.40	0.12
69 Chrysene-d12	18.65	18.15	19.15	18.70	0.24
134 Di-n-octylphthala	19.89	19.39	20.39	19.93	0.19
77 Perylene-d12	20.78	20.28	21.28	20.85	0.31

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06GMS
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12548

Client SDG: PB06
Fraction: SV
Client Smp ID: BW-07-SS-090602 MS
Operator: LJR/VTS
SampleType: MS
Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3 Phenol	485.8	378.3	77.86	31-102
4 Bis(2-Chloroethyl)	485.8	345.9	71.21	30-100
6 2-Chlorophenol	485.8	364.1	74.94	36-100
7 1,3-Dichlorobenzen	485.8	321.5	66.18	32-100
9 1,4-Dichlorobenzen	485.8	321.7	66.22	33-100
11 Benzyl alcohol	971.6	701.5	72.20	10-100
12 1,2-Dichlorobenzen	485.8	326.5	67.20	34-100
13 2-Methylphenol	485.8	378.8	77.97	34-100
14 2,2'-oxybis(1-Chlo	485.8	337.7	69.50	29-100
15 4-Methylphenol	971.6	801.5	82.49	39-100
16 N-Nitroso-di-n-pro	485.8	374.7	OK 77.13	32-100
17 Hexachloroethane	485.8	254.0	52.28	29-100
19 Nitrobenzene	485.8	352.4	72.53	28-100
20 Isophorone	485.8	386.5	79.55	46-100
21 2-Nitrophenol	485.8	357.1	73.50	37-100
22 2,4-Dimethylphenol	485.8	391.6	80.61	19-100
23 Bis(2-Chloroethoxy	485.8	368.4	75.82	38-100
24 Benzoic acid	1457	1519	104.22	21-123
25 2,4-Dichlorophenol	485.8	414.4	85.31	39-100
26 1,2,4-Trichloroben	485.8	347.0	71.43	36-100
28 Naphthalene	485.8	375.9	77.38	37-100
29 4-Chloroaniline	1166	125.1	10.73	10-100
30 Hexachlorobutadien	485.8	358.4	73.77	33-100
31 4-Chloro-3-methylp	485.8	439.8	90.54	42-102
32 2-Methylnaphthalen	485.8	381.7	78.57	41-100
33 Hexachlorocyclopen	1457	163.4	11.21 *	15-104
34 2,4,6-Trichlorophe	485.8	429.4	88.39	42-100
35 2,4,5-Trichlorophe	485.8	439.5	90.48	43-100
37 2-Chloronaphthalen	485.8	363.2	74.76	36-100
38 2-Nitroaniline	485.8	437.4	90.04	41-100
39 Dimethylphthalate	485.8	415.5	85.52	48-100
40 Acenaphthylene	485.8	406.1	83.59	42-100
41 2,6-Dinitrotoluene	485.8	433.9	89.32	44-106

SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
43 3-Nitroaniline	1244	365.9	29.42	15-108
44 Acenaphthene	485.8	407.8	83.93	38-100
45 2,4-Dinitrophenol	1457	1486	101.96	20-140
46 Dibenzofuran	485.8	421.6	86.78	45-100
47 4-Nitrophenol	485.8	516.8	106.37	21-108
48 2,4-Dinitrotoluene	485.8	470.3	96.81	48-111
49 Fluorene	485.8	463.8	95.48	45-100
50 Diethylphthalate	485.8	451.5	92.93	48-102
51 4-Chlorophenyl-phe	485.8	427.2	87.93	45-100
52 4-Nitroaniline	485.8	242.9	50.00	25-100
53 4,6-Dinitro-2-meth	1457	1346	92.33	23-115
54 N-Nitrosodiphenyla	485.8	390.5	80.38	50-128
56 4-Bromophenyl-phen	485.8	378.3	77.88	45-100
57 Hexachlorobenzene	485.8	378.4	77.88	44-101
58 Pentachlorophenol	485.8	549.6	113.13*	35-105
60 Phenanthrene	485.8	492.5	101.38*	45-100
61 Anthracene	485.8	527.6	108.61*	43-100
62 Carbazole	485.8	500.1	102.94	51-106
63 Di-n-butylphthalat	485.8	492.0	101.27	51-109
64 Fluoranthene	485.8	780.2	160.60*	52-107
65 Pyrene	485.8	392.4	80.76	41-113
67 Butylbenzylphthala	485.8	342.8	70.55	40-118
68 Benzo(a)anthracene	485.8	465.0	95.72	44-106
70 3,3'-Dichlorobenzi	1244	141.8	11.40	10-100
71 Chrysene	485.8	523.9	107.85*	48-102
72 bis(2-Ethylhexyl)p	485.8	650.1	133.82*	38-125
73 Di-n-octylphthalat	485.8	419.0	86.24	29-116
74 Benzo(b)fluoranthe	485.8	600.1	123.52*	49-112
75 Benzo(k)fluoranthe	485.8	514.3	105.87	48-116
76 Benzo(a)pyrene	485.8	476.7	98.12	41-100
78 Indeno(1,2,3-cd)py	485.8	257.5	53.00	29-117
79 Dibenzo(a,h)anthra	485.8	280.5	57.74	34-117
80 Benzo(g,h,i)peryle	485.8	214.1	44.08	24-122
91 Aniline	1185	49.06	4.14*	10-100
111 Azobenzene (1,2-DP	485.8	438.6	90.28	44-101
90 N-Nitrosodimethyla	485.8	380.1	78.24	25-100
105 1-methylnaphthalen	485.8	410.8	84.56	40-100
103 Pyridine	485.8	245.0	50.43	10-100

OR

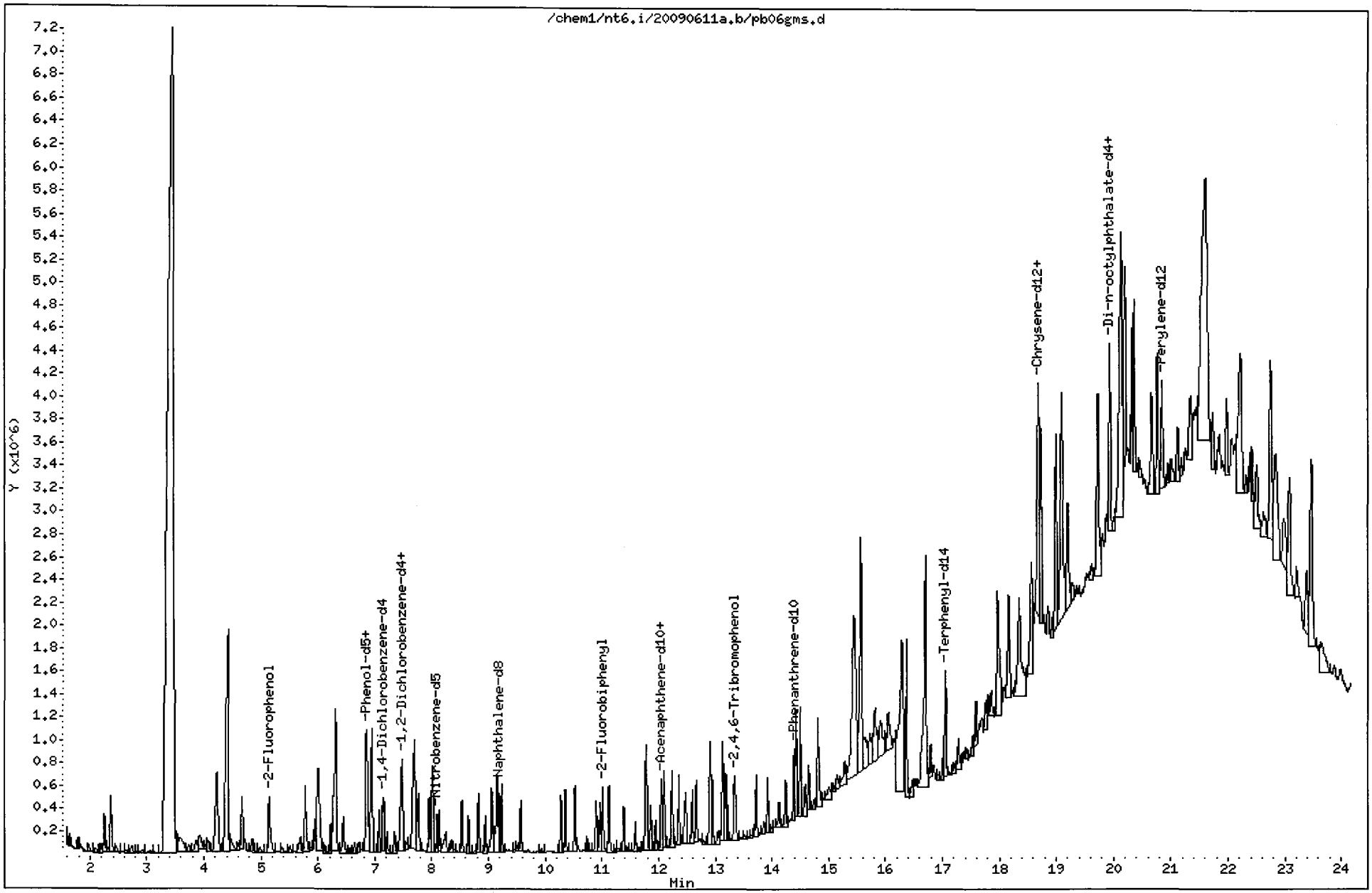
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	728.7	557.4	76.49	21-100
$ 2 Phenol-d5	728.7	582.4	79.91	10-100

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 5 2-Chlorophenol-d4	728.7	542.0	74.38	30-100
$ 10 1,2-Dichlorobenzen	485.8	315.1	64.86	24-100
$ 18 Nitrobenzene-d5	485.8	351.3	72.31	26-100
$ 36 2-Fluorobiphenyl	485.8	356.7	73.42	32-100
$ 55 2,4,6-Tribromophen	728.7	725.4	99.54	33-118
$ 66 Terphenyl-d14	485.8	290.1	59.70	21-97

Data File: /chem1/nt6.i/20090611a.b/pb06gms.d
Date : 11-JUN-2009 23:41
Client ID: BW-07-SS-090602 MS
Sample Info: PB06GMS
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32

PB06GMS 090611G



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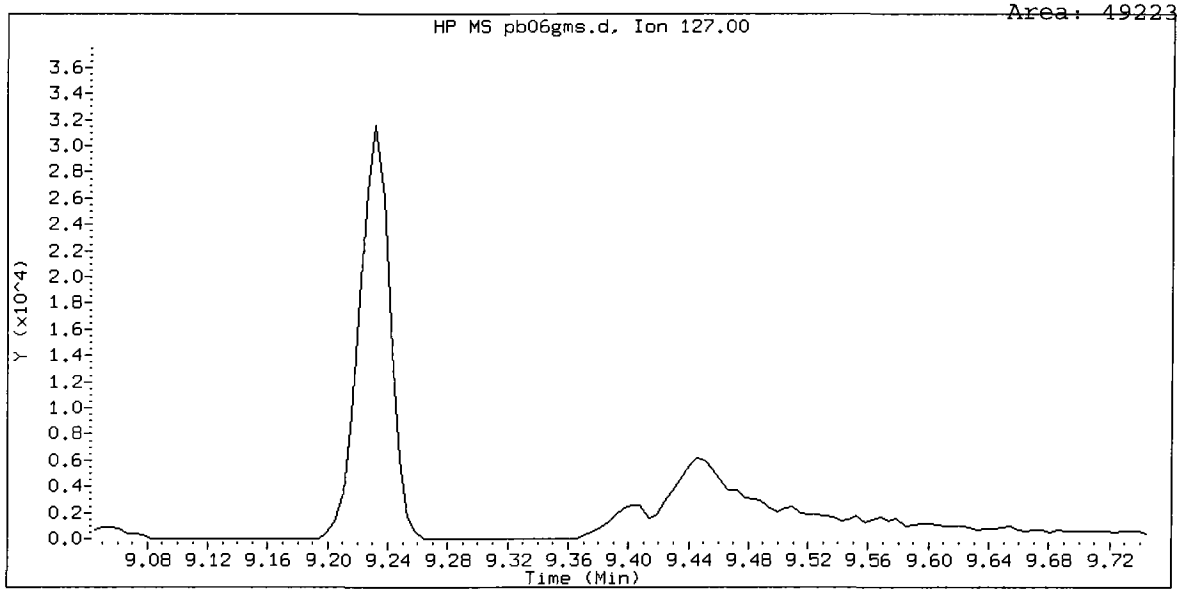
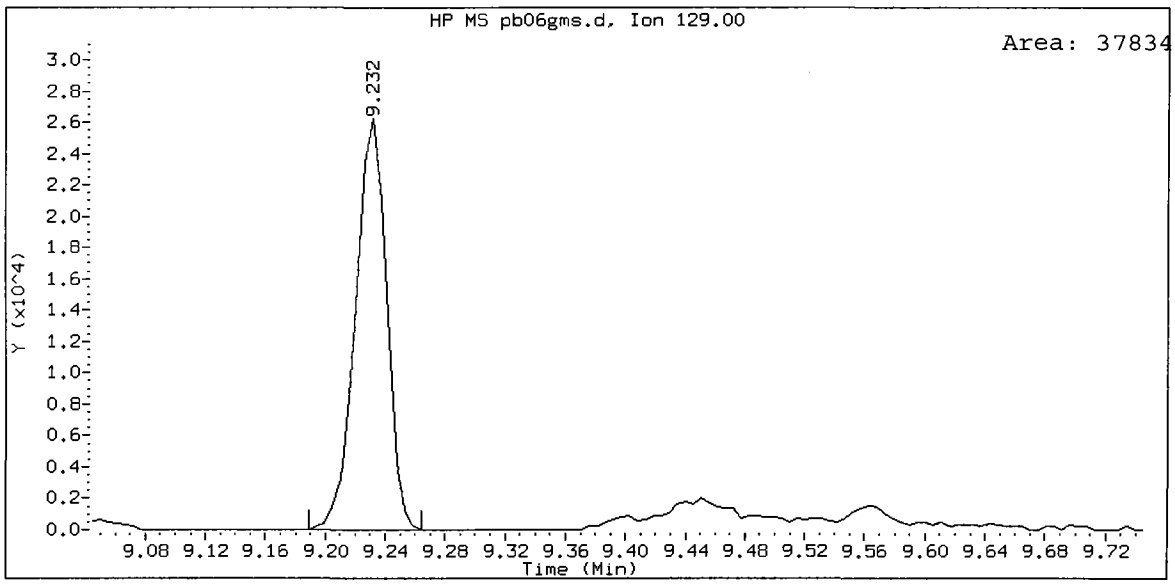
4-Chloroaniline Amount: 6.44





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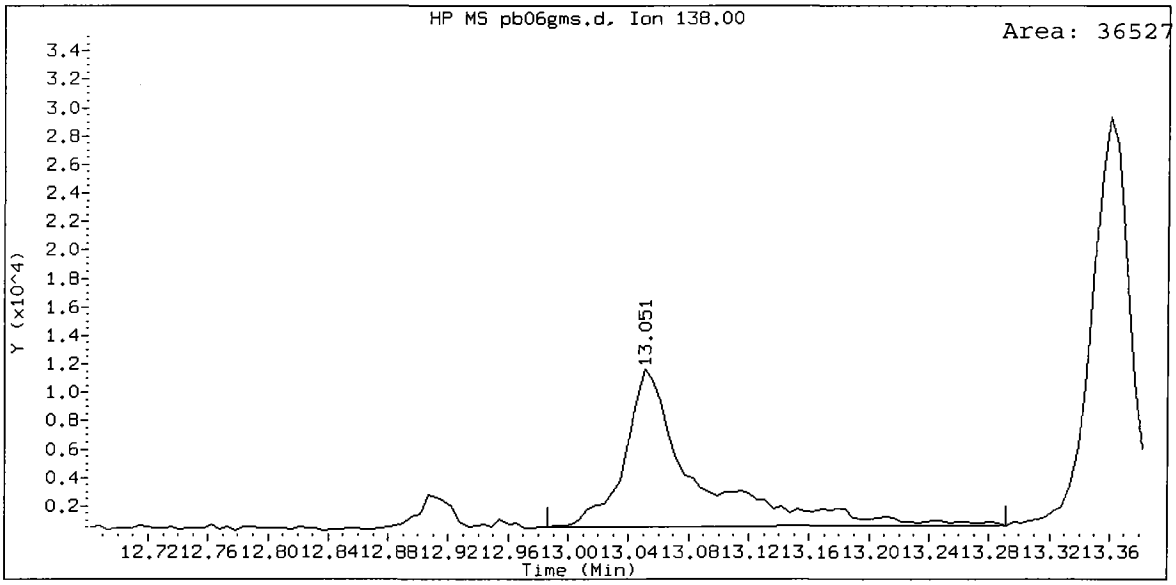
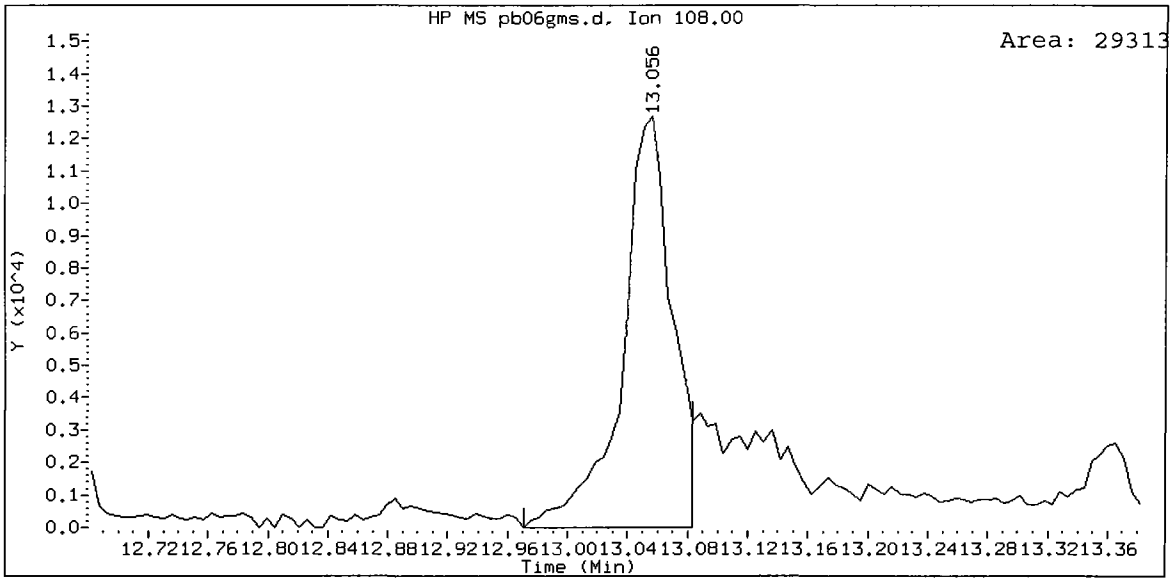
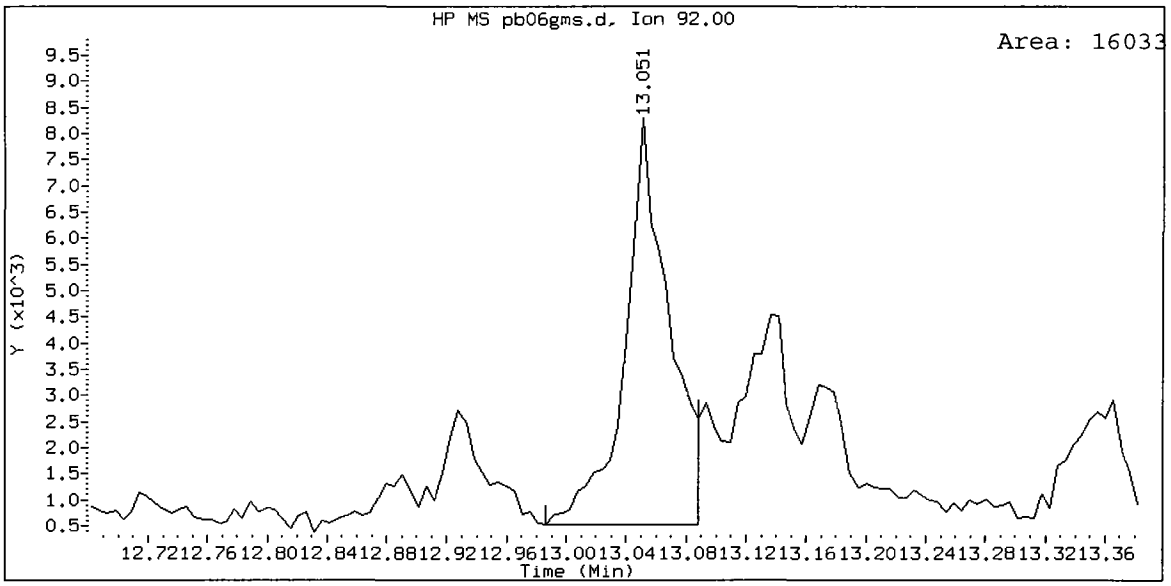
4-Nitroaniline Amount: 12.50







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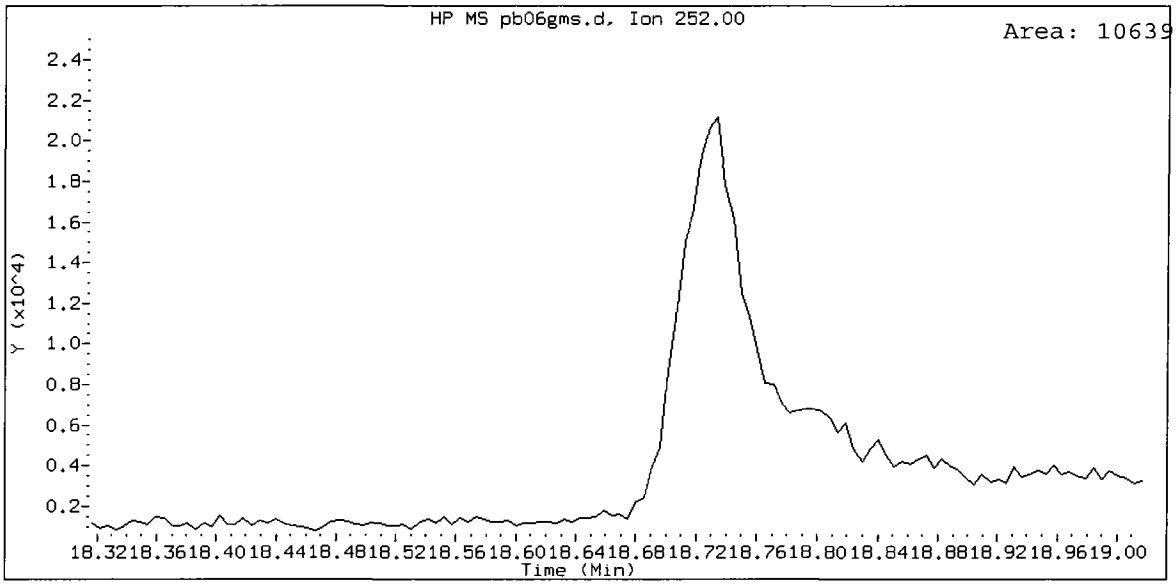
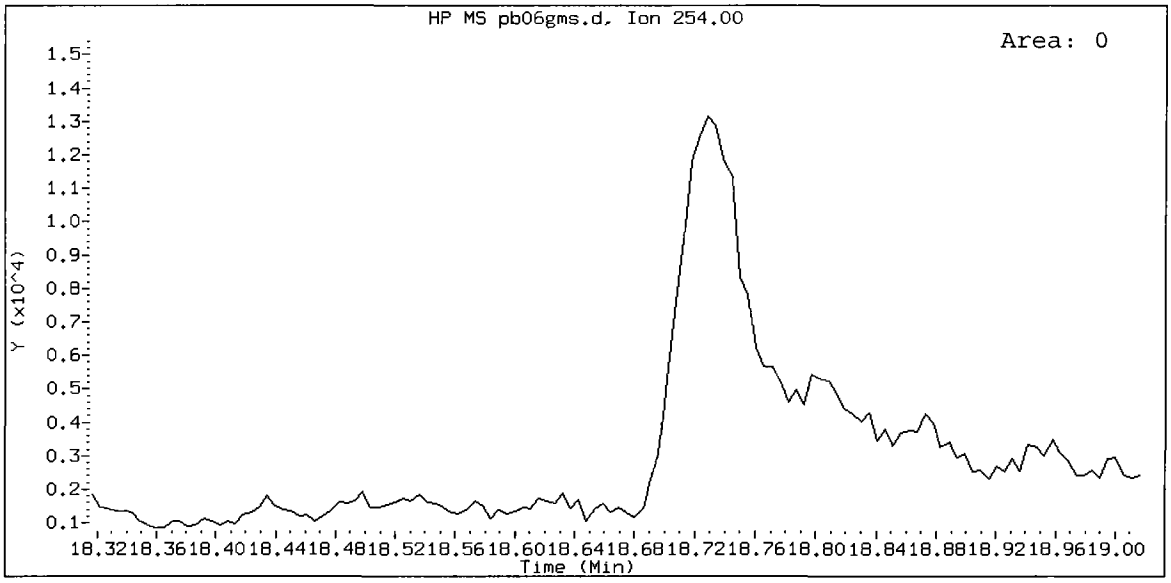
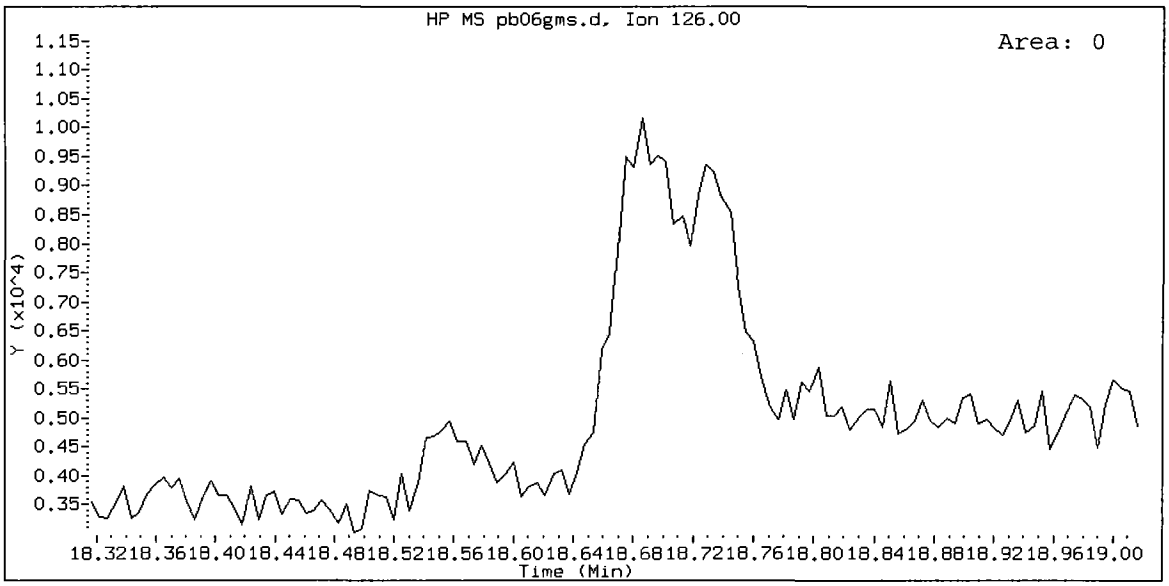
3,3'-Dichlorobenzidine Amount: 7.30







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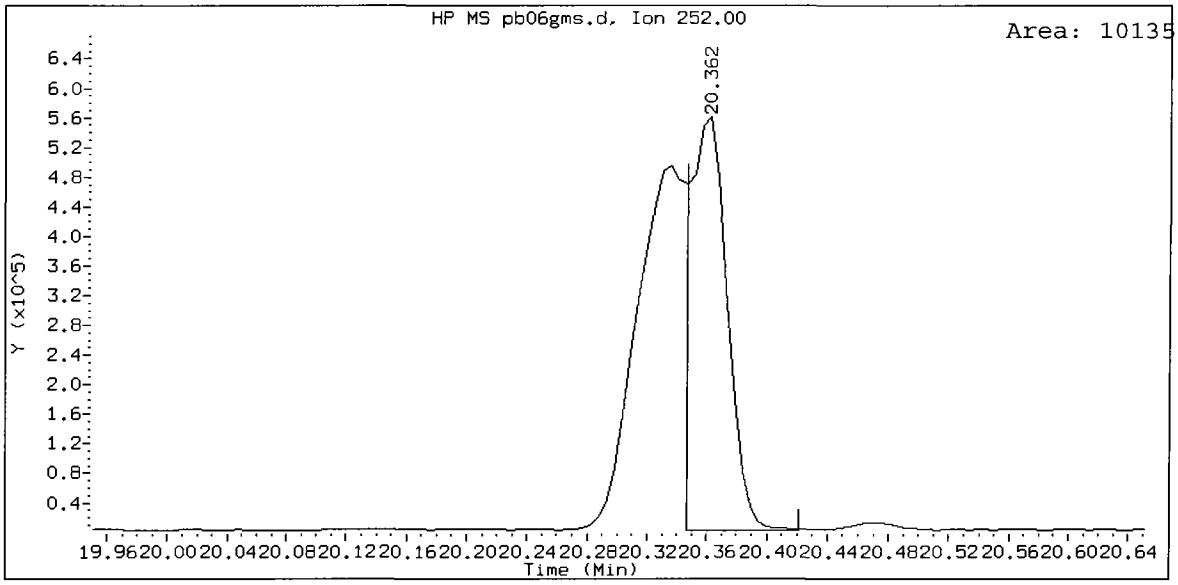
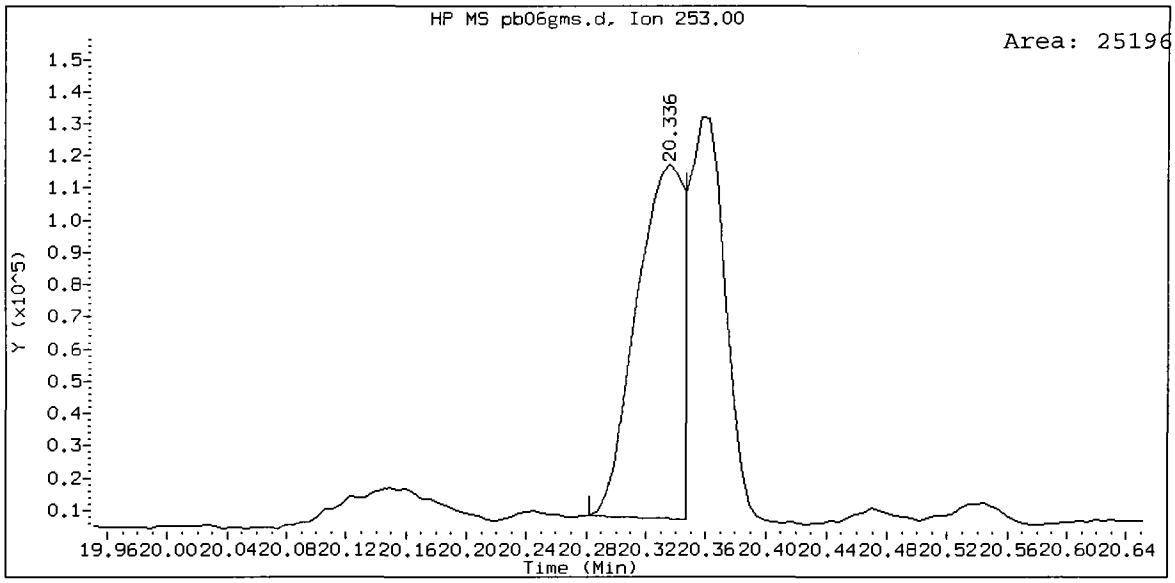
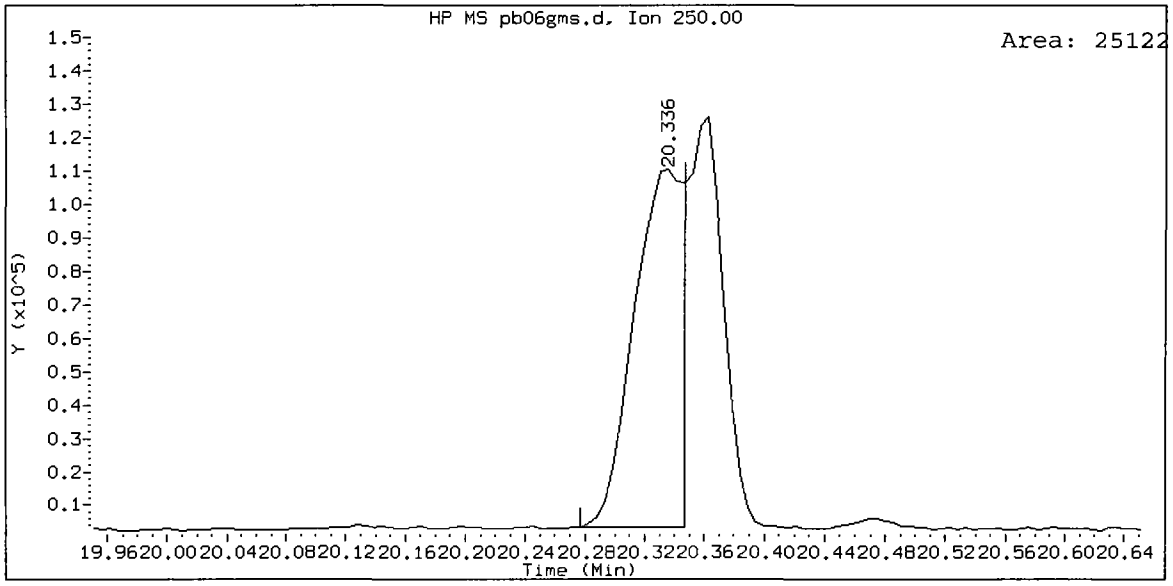
Benzo(k)fluoranthene Amount: 26.47







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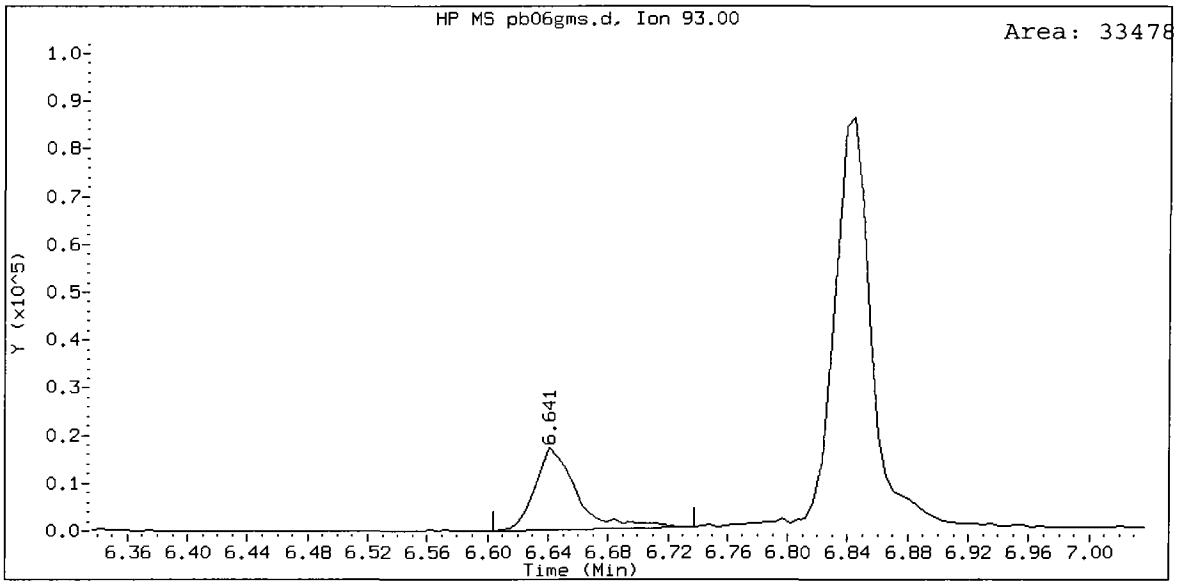
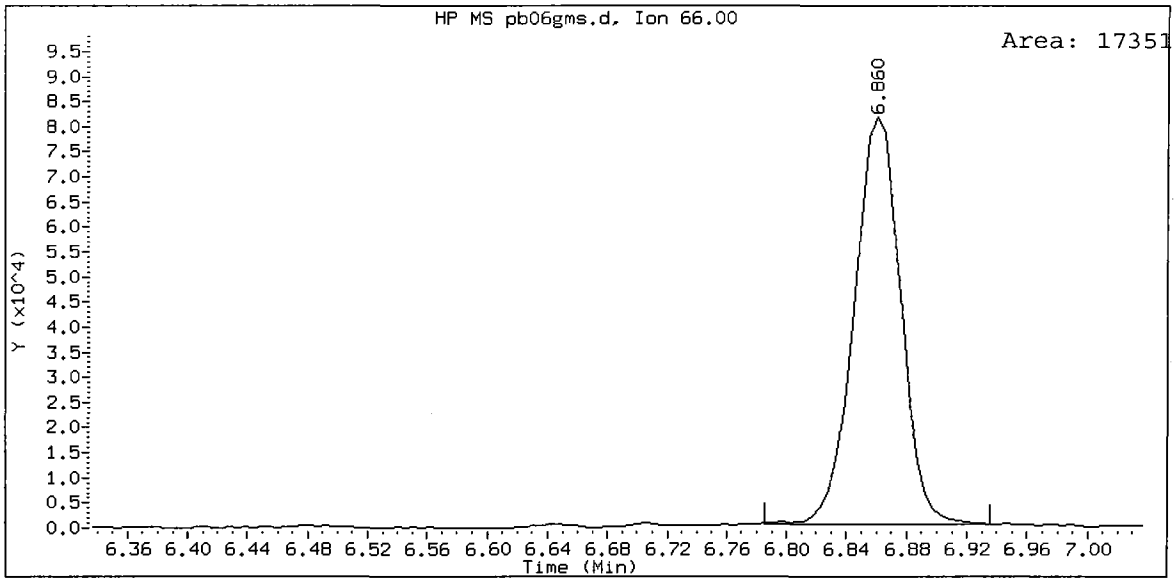
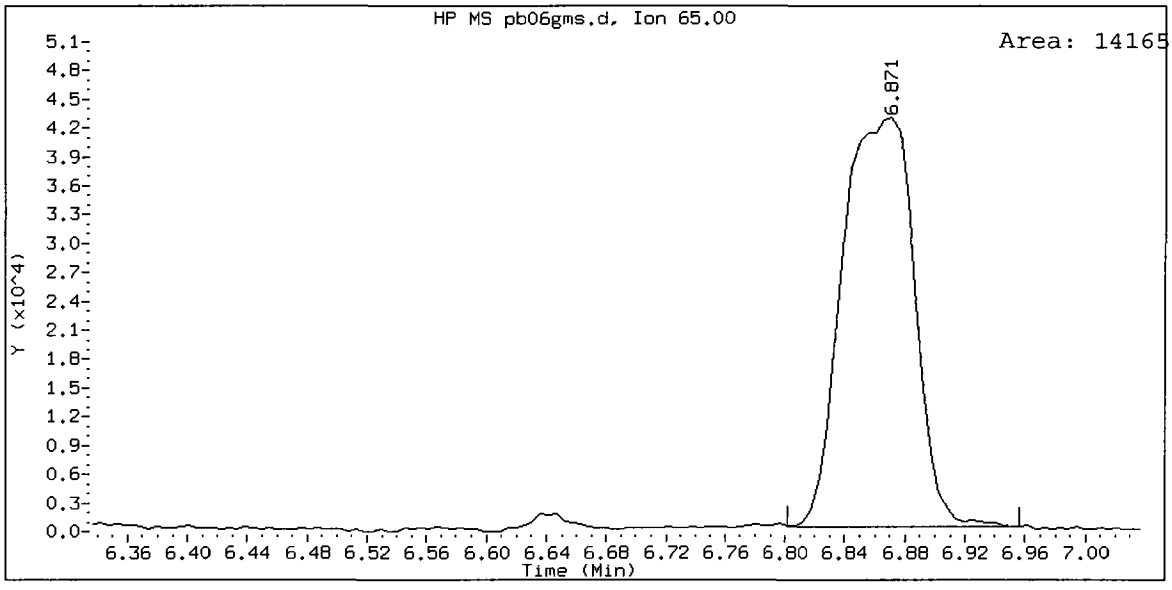
Aniline Amount: 2.52







ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270 GC/MS
Page 1 of 1

Sample ID: BW-07-SS-090602
MATRIX SPIKE DUPLICATE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/12/09 00:13
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	---
541-73-1	1,3-Dichlorobenzene	20	---
106-46-7	1,4-Dichlorobenzene	20	---
100-51-6	Benzyl Alcohol	20	---
95-50-1	1,2-Dichlorobenzene	20	---
95-48-7	2-Methylphenol	20	---
106-44-5	4-Methylphenol	20	---
105-67-9	2,4-Dimethylphenol	20	---
65-85-0	Benzoic Acid	200	---
120-82-1	1,2,4-Trichlorobenzene	20	---
91-20-3	Naphthalene	20	---
87-68-3	Hexachlorobutadiene	20	---
91-57-6	2-Methylnaphthalene	20	---
131-11-3	Dimethylphthalate	20	---
208-96-8	Acenaphthylene	20	---
83-32-9	Acenaphthene	20	---
132-64-9	Dibenzofuran	20	---
84-66-2	Diethylphthalate	20	---
86-73-7	Fluorene	20	---
86-30-6	N-Nitrosodiphenylamine	20	---
118-74-1	Hexachlorobenzene	20	---
87-86-5	Pentachlorophenol	98	---
85-01-8	Phenanthrene	20	---
120-12-7	Anthracene	20	---
84-74-2	Di-n-Butylphthalate	20	---
206-44-0	Fluoranthene	20	---
129-00-0	Pyrene	20	---
85-68-7	Butylbenzylphthalate	20	---
56-55-3	Benzo(a)anthracene	20	---
117-81-7	bis(2-Ethylhexyl)phthalate	20	---
218-01-9	Chrysene	20	---
117-84-0	Di-n-Octyl phthalate	20	---
205-99-2	Benzo(b)fluoranthene	20	---
207-08-9	Benzo(k)fluoranthene	20	---
50-32-8	Benzo(a)pyrene	20	---
193-39-5	Indeno(1,2,3-cd)pyrene	20	---
53-70-3	Dibenz(a,h)anthracene	20	---
191-24-2	Benzo(g,h,i)perylene	20	---
90-12-0	1-Methylnaphthalene	20	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	70.4%	2-Fluorobiphenyl	71.2%
d14-p-Terphenyl	57.2%	d4-1,2-Dichlorobenzene	60.8%
d5-Phenol	75.2%	2-Fluorophenol	73.6%
2,4,6-Tribromophenol	91.7%	d4-2-Chlorophenol	70.7%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611a.b/pb06gmd.d
Lab Smp Id: PB06GMSD Client Smp ID: BW-07-SS-090602 MSD
Inj Date : 12-JUN-2009 00:13
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB06GMSD
Misc Info : 09-12548
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611a.b/SW846.m
Meth Date : 15-Jun-2009 11:03 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 17 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/15/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	7.50000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.145	5.102	(0.720)	199660	27.5784	1839
$	2 Phenol-d5	99	6.844	6.784	(0.958)	274406	28.2252	1882
	3 Phenol	94	6.865	6.806	(0.961)	196041	18.6701	1245
$	5 2-Chlorophenol-d4	132	6.860	6.838	(0.960)	156818	26.4706	1765
	4 Bis(2-Chloroethyl)ether	93	6.844	6.832	(0.958)	142320	17.9558	1197
	6 2-Chlorophenol	128	6.886	6.859	(0.964)	120671	18.1941	1213
	7 1,3-Dichlorobenzene	146	7.073	7.062	(0.990)	114448	15.8498	1057
*	8 1,4-Dichlorobenzene-d4	152	7.143	7.131	(1.000)	87814	20.0000	
	9 1,4-Dichlorobenzene	146	7.170	7.158	(1.004)	116129	16.0603	1071
$	10 1,2-Dichlorobenzene-d4	152	7.442	7.431	(1.042)	66667	15.2461	1016
	12 1,2-Dichlorobenzene	146	7.463	7.452	(1.045)	114233	16.0922	1073
	11 Benzyl alcohol	108	7.485	7.463	(1.048)	167222	34.0188	2268
	14 2,2'-oxybis(1-Chloropropane)	45	7.736	7.724	(1.083)	276006	28.1097	1874 (R)
	13 2-Methylphenol	108	7.768	7.740	(1.087)	127039	18.4743	1232
	17 Hexachloroethane	117	7.949	7.943	(1.113)	42325	12.6627	844.2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	7.965	7.943	(1.115)	118770	18.2206	1215
	15 4-Methylphenol	108	8.013	7.981	(1.122)	277391	39.4646	2631
$	18 Nitrobenzene-d5	82	8.099	8.082	(0.880)	158086	17.6336	1176
	19 Nitrobenzene	77	8.126	8.114	(0.883)	165442	17.7778	1185
	20 Isophorone	82	8.537	8.509	(0.927)	303186	19.4805	1299
	21 2-Nitrophenol	139	8.649	8.638	(0.940)	60931	17.9738	1198
	22 2,4-Dimethylphenol	107	8.825	8.809	(0.959)	146078	19.6870	1312
	23 Bis(2-Chloroethoxy)methane	93	8.943	8.937	(0.972)	159424	18.5941	1240
	24 Benzoic acid	105	9.172	9.102	(0.997)	345064	74.4178	4961
	25 2,4-Dichlorophenol	162	9.060	9.038	(0.984)	99546	20.6025	1373
	26 1,2,4-Trichlorobenzene	180	9.156	9.145	(0.995)	101798	17.3485	1157
*	27 Naphthalene-d8	136	9.204	9.193	(1.000)	291911	20.0000	
	28 Naphthalene	128	9.231	9.220	(1.003)	325094	18.7338	1249
	29 4-Chloroaniline	127	9.456	9.396	(1.027)	23325	3.11776	207.9(RM)
	30 Hexachlorobutadiene	225	9.568	9.562	(1.039)	59745	18.2012	1213
	31 4-Chloro-3-methylphenol	107	10.283	10.256	(1.117)	132507	21.6578	1444
	32 2-Methylnaphthalene	141	10.358	10.347	(1.125)	180951	19.1419	1276
	33 Hexachlorocyclopentadiene	237	10.737	10.731	(0.891)	34094	10.1705	678.0(R)
	34 2,4,6-Trichlorophenol	196	10.903	10.881	(0.905)	78951	20.9505	1397
	35 2,4,5-Trichlorophenol	196	10.967	10.940	(0.910)	85274	22.0767	1472
$	36 2-Fluorobiphenyl	172	11.015	11.004	(0.914)	233368	17.7903	1186
	37 2-Chloronaphthalene	162	11.127	11.116	(0.923)	216015	18.3755	1225
	38 2-Nitroaniline	65	11.389	11.372	(0.945)	104028	21.2754	1418
	39 Dimethylphthalate	163	11.779	11.768	(0.977)	265007	20.5689	1371
	40 Acenaphthylene	152	11.795	11.778	(0.979)	352823	20.1011	1340
	41 2,6-Dinitrotoluene	165	11.864	11.848	(0.984)	58949	21.0455	1403
*	42 Acenaphthene-d10	164	12.051	12.035	(1.000)	176603	20.0000	
	43 3-Nitroaniline	138	12.067	12.045	(1.001)	45340	14.1770	945.1
	44 Acenaphthene	153	12.099	12.083	(1.004)	228422	20.6201	1375
	45 2,4-Dinitrophenol	184	12.244	12.216	(1.016)	107219	72.8673	4858
	46 Dibenzofuran	168	12.361	12.350	(1.026)	336293	21.0106	1401
	47 4-Nitrophenol	109	12.457	12.419	(1.034)	52282	25.6364	1709
	48 2,4-Dinitrotoluene	165	12.484	12.462	(1.036)	83184	22.9008	1527
	50 Diethylphthalate	149	12.933	12.916	(1.073)	257689	21.9737	1465
	49 Fluorene	166	12.916	12.894	(1.072)	292774	22.3624	1491
	51 4-Chlorophenyl-phenylether	204	12.959	12.948	(1.075)	133505	20.6609	1377
	52 4-Nitroaniline	138	13.055	13.033	(1.083)	30873	10.8634	724.2(M)
	53 4,6-Dinitro-2-methylphenol	198	13.141	13.113	(0.912)	165373	67.3218	4488
	54 N-Nitrosodiphenylamine	169	13.178	13.156	(0.915)	196157	19.2744	1285
$	55 2,4,6-Tribromophenol	330	13.344	13.322	(1.107)	57856	34.3583	2291
	56 4-Bromophenyl-phenylether	248	13.728	13.717	(0.953)	79010	19.0458	1270
	57 Hexachlorobenzene	284	13.931	13.915	(0.967)	79881	18.8667	1258
	58 Pentachlorophenol	266	14.252	14.224	(0.990)	50096	25.9087	1727
*	59 Phenanthrene-d10	188	14.401	14.379	(1.000)	326194	20.0000	
	60 Phenanthrene	178	14.439	14.417	(1.003)	513550	24.8041	1654
	61 Anthracene	178	14.508	14.486	(1.007)	477009	22.7256	1515
	62 Carbazole	167	14.818	14.791	(1.029)	410828	23.8179	1588

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	15.582	15.554	(1.082)	494920	23.9825	1599
64	Fluoranthene	202	16.378	16.329	(1.137)	1099761	52.0280	3469(R)
65	Pyrene	202	16.714	16.671	(0.894)	1070299	24.8148	1654
$ 66	Terphenyl-d14	244	17.061	17.028	(0.913)	396985	14.2761	951.7
67	Butylbenzylphthalate	149	17.969	17.942	(0.961)	304742	17.4951	1166
68	Benzo(a)anthracene	228	18.674	18.625	(0.999)	939267	24.4431	1630
* 69	Chrysene-d12	240	18.696	18.652	(1.000)	520635	20.0000	
70	3,3'-Dichlorobenzidine	252	18.717	18.668	(1.001)	93867	6.66345	444.2(M)
71	Chrysene	228	18.738	18.690	(1.002)	1074618	29.2065	1947(R)
72	bis(2-Ethylhexyl)phthalate	149	18.995	18.957	(0.953)	720264	31.7815	2119(R)
* 134	Di-n-octylphthalate-d4	153	19.929	19.891	(1.000)	730709	20.0000	
73	Di-n-octylphthalate	149	19.940	19.897	(1.001)	835767	21.2190	1415
74	Benzo(b)fluoranthene	252	20.330	20.265	(0.975)	1114470	30.9243	2062(R)
75	Benzo(k)fluoranthene	252	20.362	20.303	(0.977)	940774	25.4155	1694(M)
76	Benzo(a)pyrene	252	20.768	20.703	(0.996)	751819	23.0454	1536
* 77	Perylene-d12	264	20.848	20.783	(1.000)	497320	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.199	22.135	(1.065)	551550	12.6824	845.5
79	Dibenzo(a,h)anthracene	278	22.226	22.161	(1.066)	439366	13.3072	887.1
80	Benzo(g,h,i)perylene	276	22.509	22.428	(1.080)	397915	10.4693	698.0
90	N-Nitrosodimethylamine	74	2.250	2.207	(0.315)	104440	18.7722	1251
91	Aniline	93	6.646	6.688	(0.930)	28053	2.10647	140.4(RM)
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	2.256	2.186	(0.316)	97405	10.2065	680.4
105	1-methylnaphthalene	141	10.524	10.512	(1.143)	186314	20.5807	1372
111	Azobenzene (1,2-DP-Hydrazine)	77	13.210	13.194	(1.096)	400150	21.3211	1421

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb06gmd.d
Lab Smp Id: PB06GMSD
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12548

Calibration Date: 11-JUN-2009
Calibration Time: 15:29
Client Smp ID: BW-07-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	87814	-21.87
27 Naphthalene-d8	384492	192246	768984	291911	-24.08
42 Acenaphthene-d10	217478	108739	434956	176603	-18.80
59 Phenanthrene-d10	336594	168297	673188	326194	-3.09
69 Chrysene-d12	247160	123580	494320	520635	110.65 <-
134 Di-n-octylphthala	347036	173518	694072	730709	110.56 <-
77 Perylene-d12	232938	116469	465876	497320	113.50 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.14	0.16
27 Naphthalene-d8	9.19	8.69	9.69	9.20	0.12
42 Acenaphthene-d10	12.03	11.53	12.53	12.05	0.14
59 Phenanthrene-d10	14.38	13.88	14.88	14.40	0.15
69 Chrysene-d12	18.65	18.15	19.15	18.70	0.23
134 Di-n-octylphthala	19.89	19.39	20.39	19.93	0.19
77 Perylene-d12	20.78	20.28	21.28	20.85	0.31

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06GMSD
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12548

Client SDG: PB06
Fraction: SV
Client Smp ID: BW-07-SS-090602 MSD
Operator: LJR/VTS
SampleType: MSD
Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3 Phenol	1667	1245	74.68	31-102
4 Bis(2-Chloroethyl)	1667	1197	71.82	30-100
6 2-Chlorophenol	1667	1213	72.78	36-100
7 1,3-Dichlorobenzen	1667	1057	63.40	32-100
9 1,4-Dichlorobenzen	1667	1071	64.24	33-100
11 Benzyl alcohol	3333	2268	68.04	10-100
12 1,2-Dichlorobenzen	1667	1073	64.37	34-100
13 2-Methylphenol	1667	1232	73.90	34-100
14 2,2'-oxybis(1-Chlo	1667	1874	112.44 *	29-100
15 4-Methylphenol	3333	2631	78.93	39-100
16 N-Nitroso-di-n-pro	1667	1215	72.88	32-100
17 Hexachloroethane	1667	844.2	50.65	29-100
19 Nitrobenzene	1667	1185	71.11	28-100
20 Isophorone	1667	1299	77.92	46-100
21 2-Nitrophenol	1667	1198	71.90 OK	37-100
22 2,4-Dimethylphenol	1667	1312	78.75	19-100
23 Bis(2-Chloroethoxy	1667	1240	74.38	38-100
24 Benzoic acid	5000	4961	99.22	21-123
25 2,4-Dichlorophenol	1667	1373	82.41	39-100
26 1,2,4-Trichloroben	1667	1157	69.39	36-100
28 Naphthalene	1667	1249	74.94	37-100
29 4-Chloroaniline	4000	207.9	5.20 *	10-100
30 Hexachlorobutadien	1667	1213	72.80	33-100
31 4-Chloro-3-methylp	1667	1444	86.63	42-102
32 2-Methylnaphthalen	1667	1276	76.57	41-100
33 Hexachlorocyclopen	5000	678.0	13.56 *	15-104
34 2,4,6-Trichlorophe	1667	1397	83.80	42-100
35 2,4,5-Trichlorophe	1667	1472	88.31	43-100
37 2-Chloronaphthalen	1667	1225	73.50	36-100
38 2-Nitroaniline	1667	1418	85.10	41-100
39 Dimethylphthalate	1667	1371	82.28	48-100
40 Acenaphthylene	1667	1340	80.40	42-100
41 2,6-Dinitrotoluene	1667	1403	84.18	44-106

SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
43 3-Nitroaniline	4267	945.1	22.15	15-108
44 Acenaphthene	1667	1375	82.48	38-100
45 2,4-Dinitrophenol	5000	4858	97.16	20-140
46 Dibenzofuran	1667	1401	84.04	45-100
47 4-Nitrophenol	1667	1709	102.55	21-108
48 2,4-Dinitrotoluene	1667	1527	91.60	48-111
49 Fluorene	1667	1491	89.45	45-100
50 Diethylphthalate	1667	1465	87.89	48-102
51 4-Chlorophenyl-phe	1667	1377	82.64	45-100
52 4-Nitroaniline	1667	724.2	43.45	25-100
53 4,6-Dinitro-2-meth	5000	4488	89.76	23-115
54 N-Nitrosodiphenyla	1667	1285	77.10	50-128
56 4-Bromophenyl-phen	1667	1270	76.18	45-100
57 Hexachlorobenzene	1667	1258	75.47	44-101
58 Pentachlorophenol	1667	1727	103.63	35-105
60 Phenanthrene	1667	1654	99.22	45-100
61 Anthracene	1667	1515	90.90	43-100
62 Carbazole	1667	1588	95.27	51-106
63 Di-n-butylphthalat	1667	1599	95.93	51-109
64 Fluoranthene	1667	3469	208.11*	52-107
65 Pyrene	1667	1654	99.26	41-113
67 Butylbenzylphthala	1667	1166	69.98	40-118
68 Benzo(a)anthracene	1667	1630	97.77	44-106
70 3,3'-Dichlorobenzi	4267	444.2	10.41	10-100
71 Chrysene	1667	1947	116.83*	48-102
72 bis(2-Ethylhexyl)p	1667	2119	127.13*	38-125
73 Di-n-octylphthalat	1667	1415	84.88	29-116
74 Benzo(b)fluoranthe	1667	2062	123.70*	49-112
75 Benzo(k)fluoranthe	1667	1694	101.66	48-116
76 Benzo(a)pyrene	1667	1536	92.18	41-100
78 Indeno(1,2,3-cd)py	1667	845.5	50.73	29-117
79 Dibenzo(a,h)anthra	1667	887.1	53.23	34-117
80 Benzo(g,h,i)peryle	1667	698.0	41.88	24-122
91 Aniline	4067	140.4	3.45*	10-100
111 Azobenzene (1,2-DP	1667	1421	85.28	44-101
90 N-Nitrosodimethyla	1667	1251	75.09	25-100
105 1-methylnaphthalen	1667	1372	82.32	40-100
103 Pyridine	1667	680.4	40.83	10-100

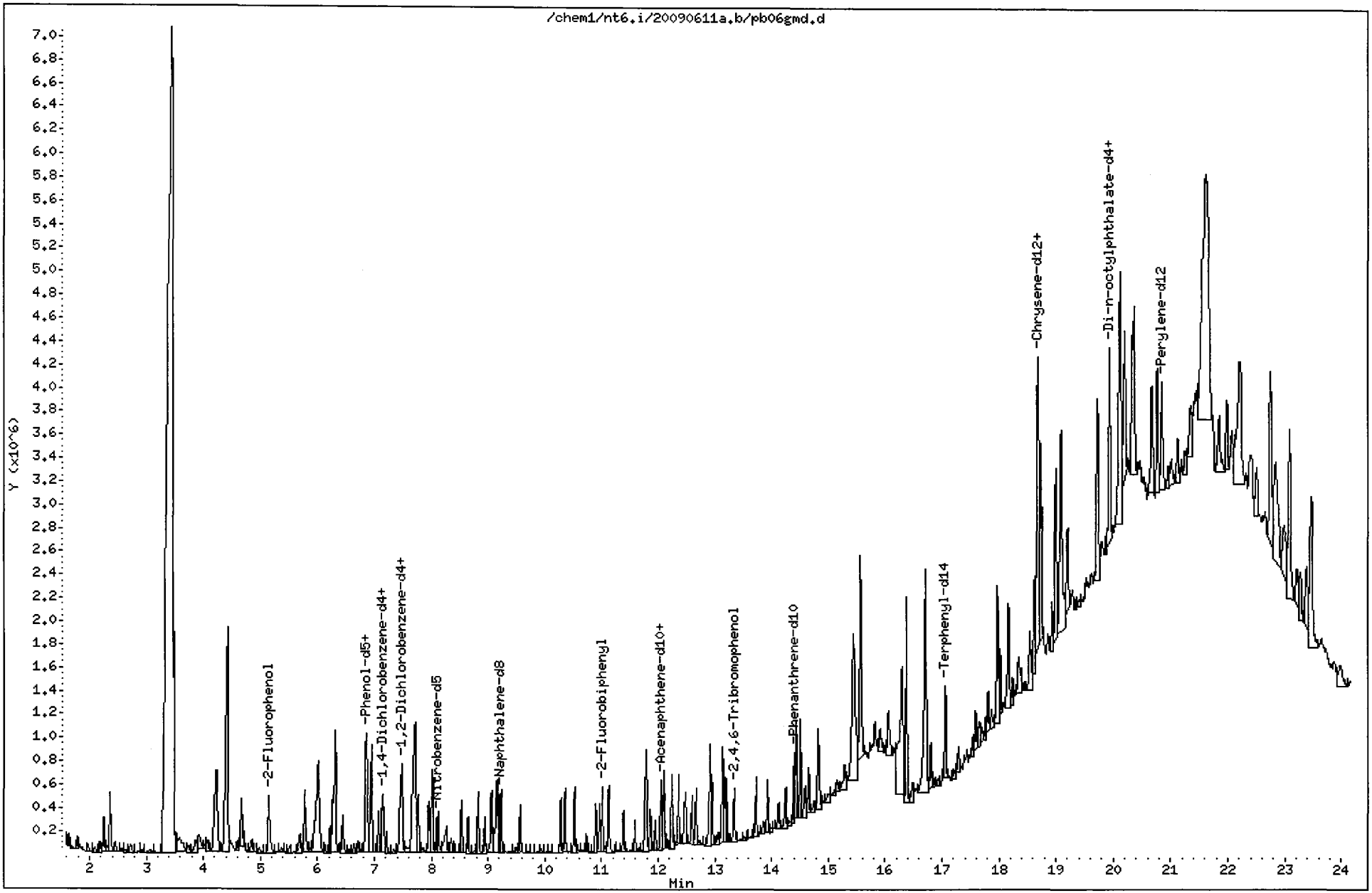
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	2500	1839	73.54	21-100
$ 2 Phenol-d5	2500	1882	75.27	10-100

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 5 2-Chlorophenol-d4	2500	1765	70.59	30-100
$ 10 1,2-Dichlorobenzen	1667	1016	60.98	24-100
$ 18 Nitrobenzene-d5	1667	1176	70.53	26-100
$ 36 2-Fluorobiphenyl	1667	1186	71.16	32-100
$ 55 2,4,6-Tribromophen	2500	2291	91.62	33-118
$ 66 Terphenyl-d14	1667	951.7	57.10	21-97

Data File: /chem1/nt6.i/20090611a.b/pb06gmd.d
Date : 12-JUN-2009 00:13
Client ID: BW-07-SS-090602 MSD
Sample Info: PB06GMSD
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32

PB06 : 060409



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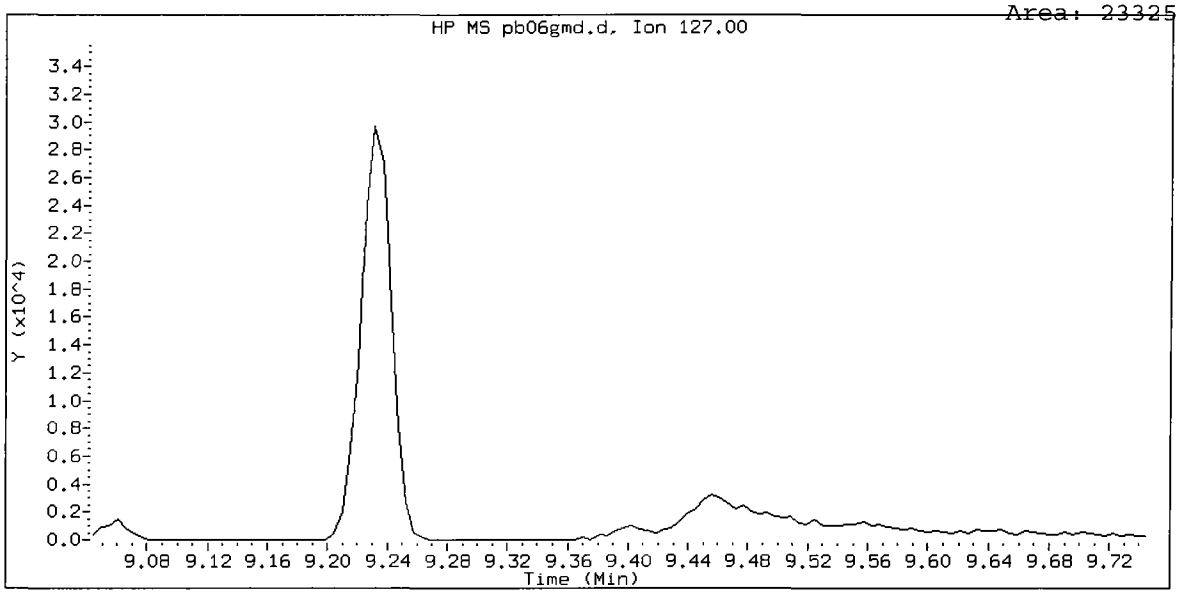
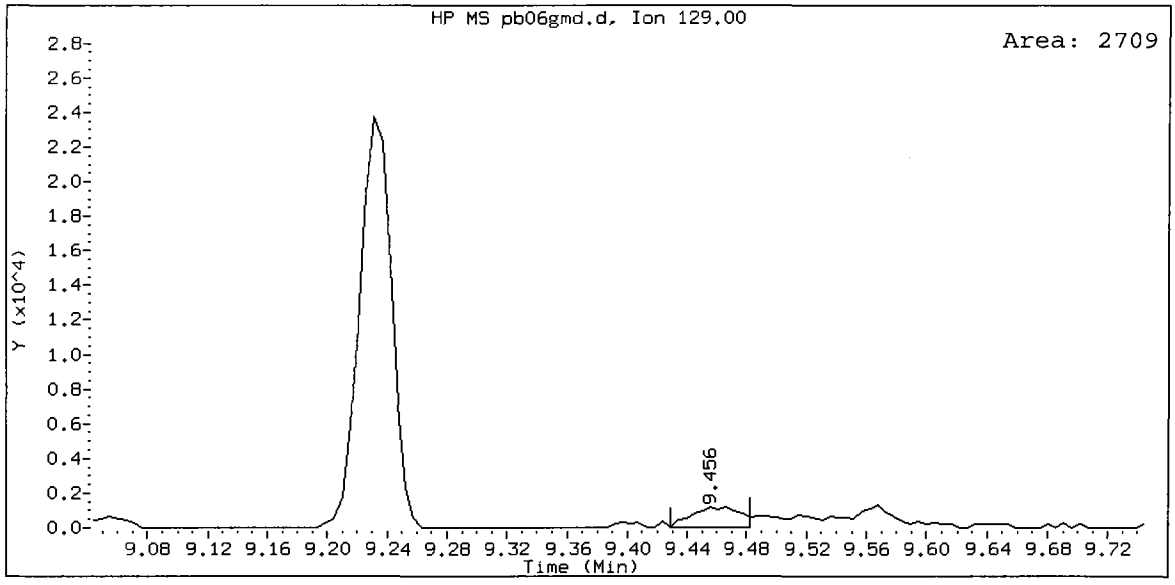
4-Chloroaniline Amount: 3.12





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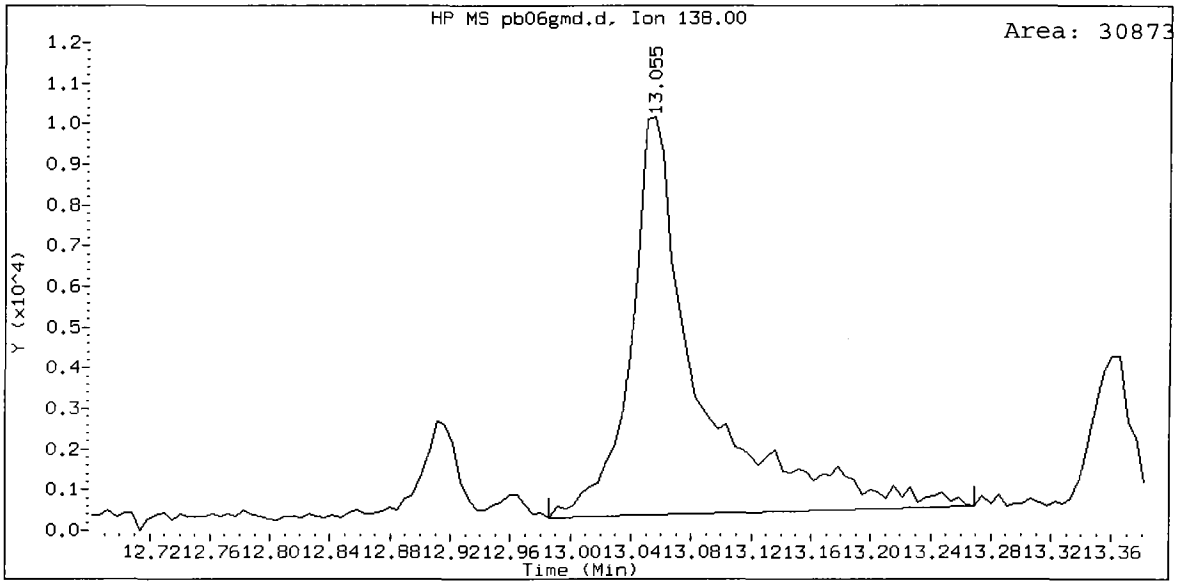
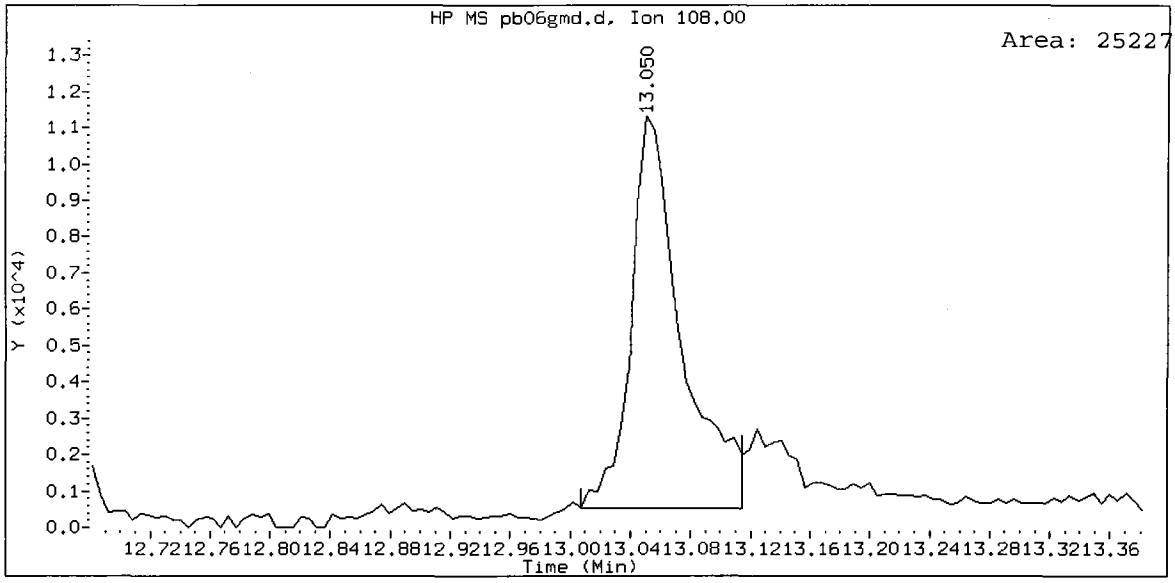
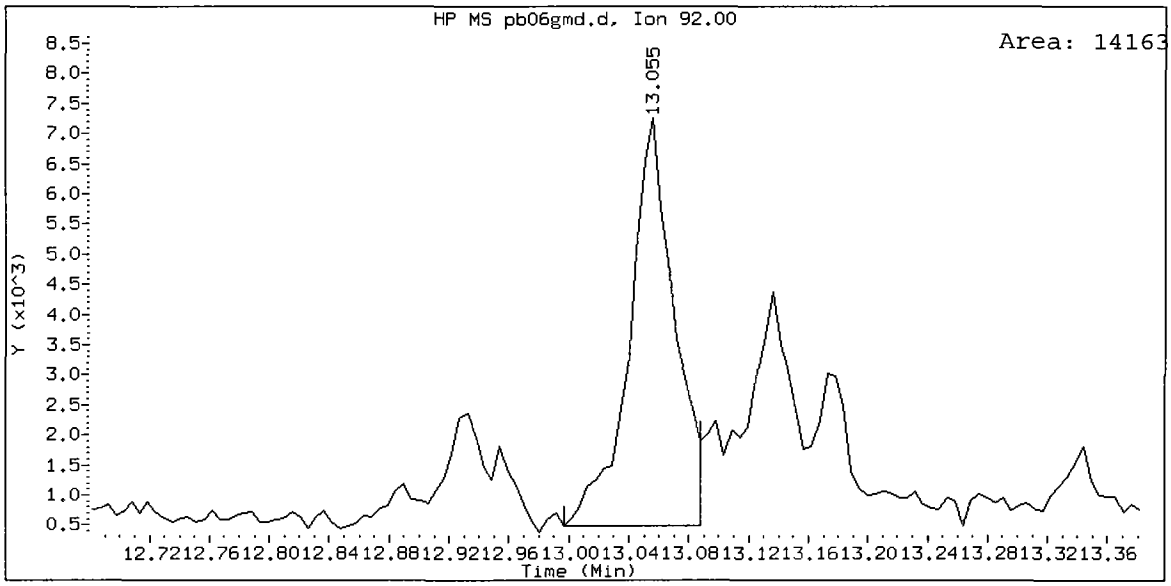
4-Nitroaniline Amount: 10.86







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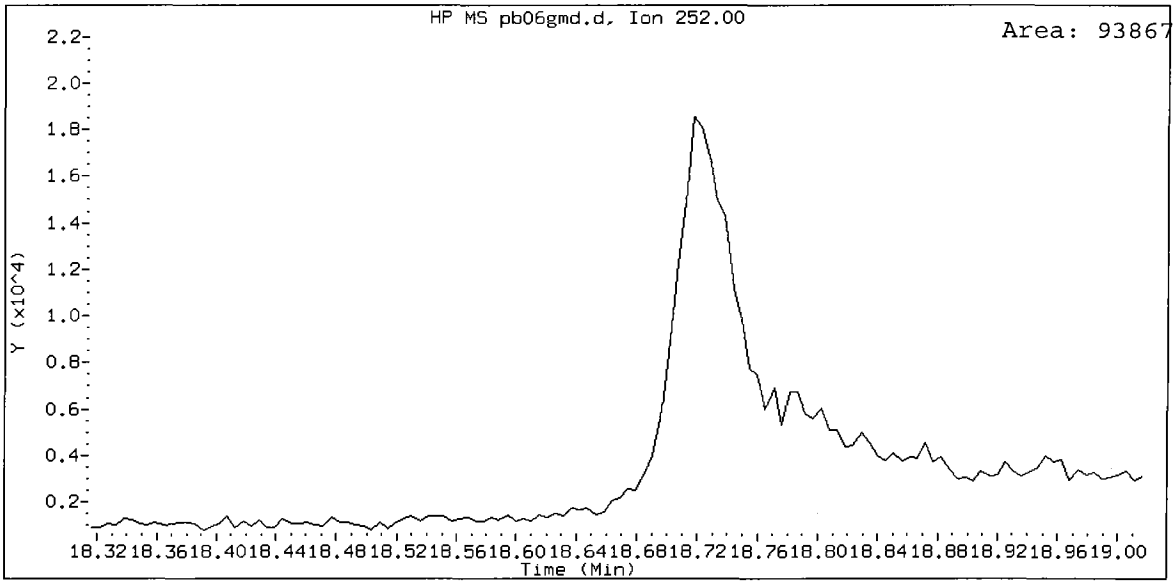
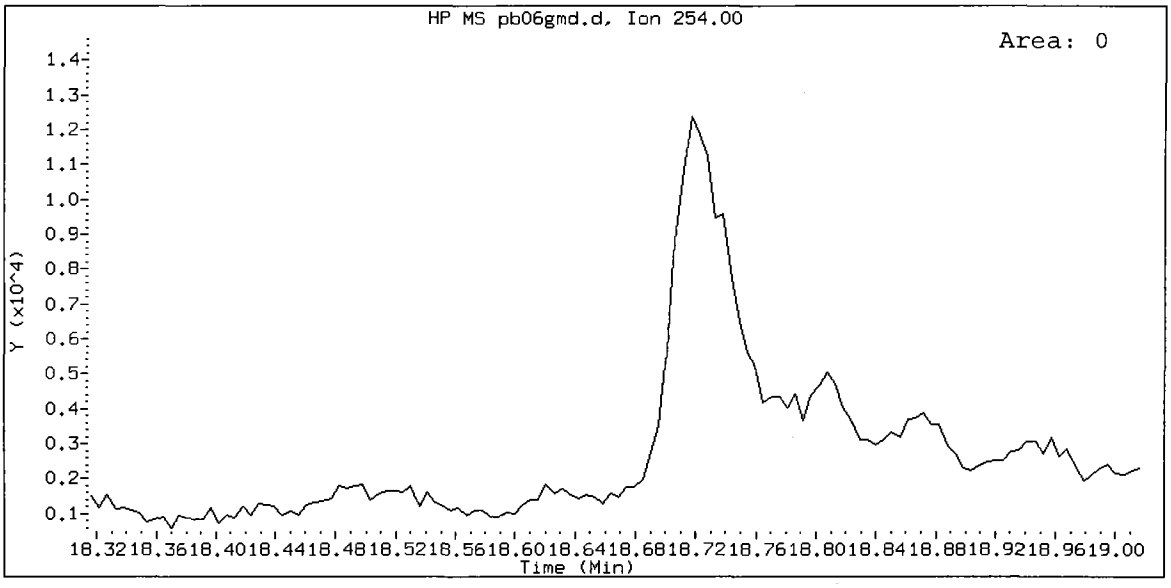
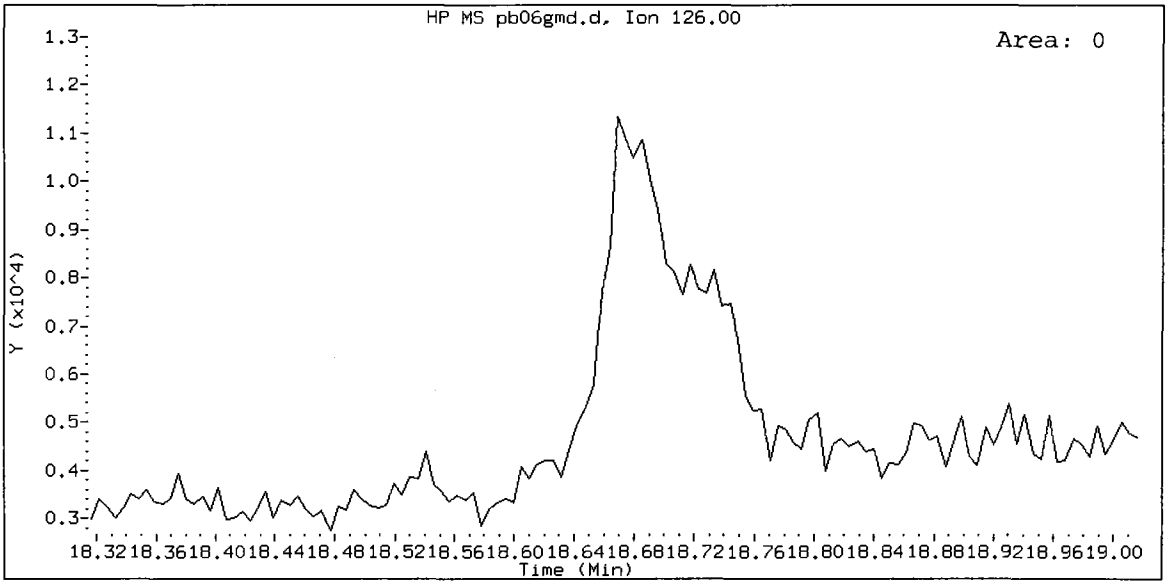
3,3'-Dichlorobenzidine Amount: 6.66







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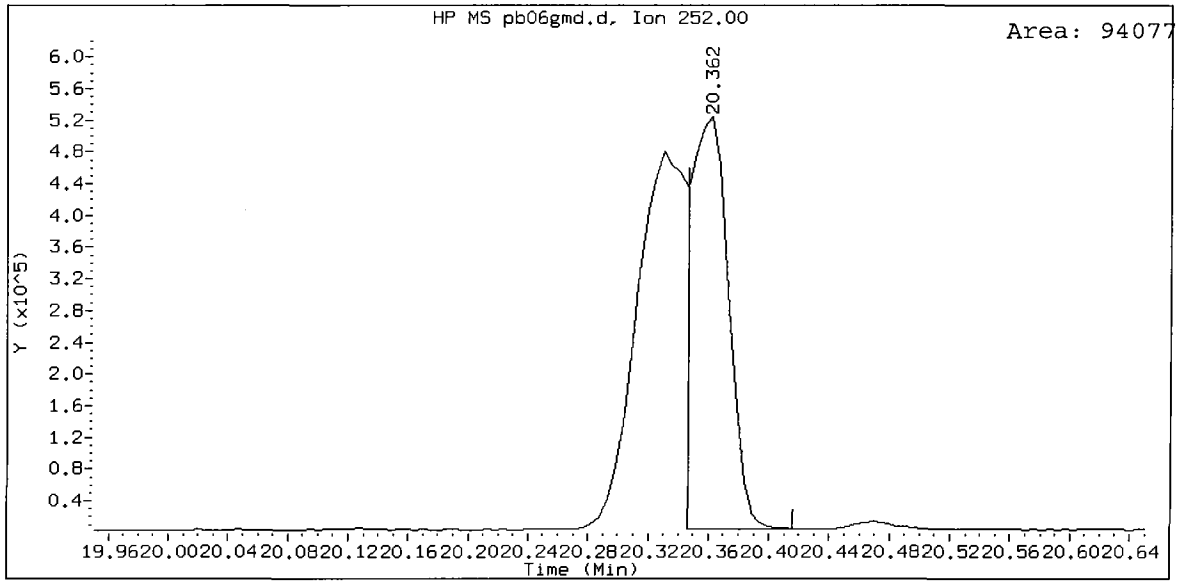
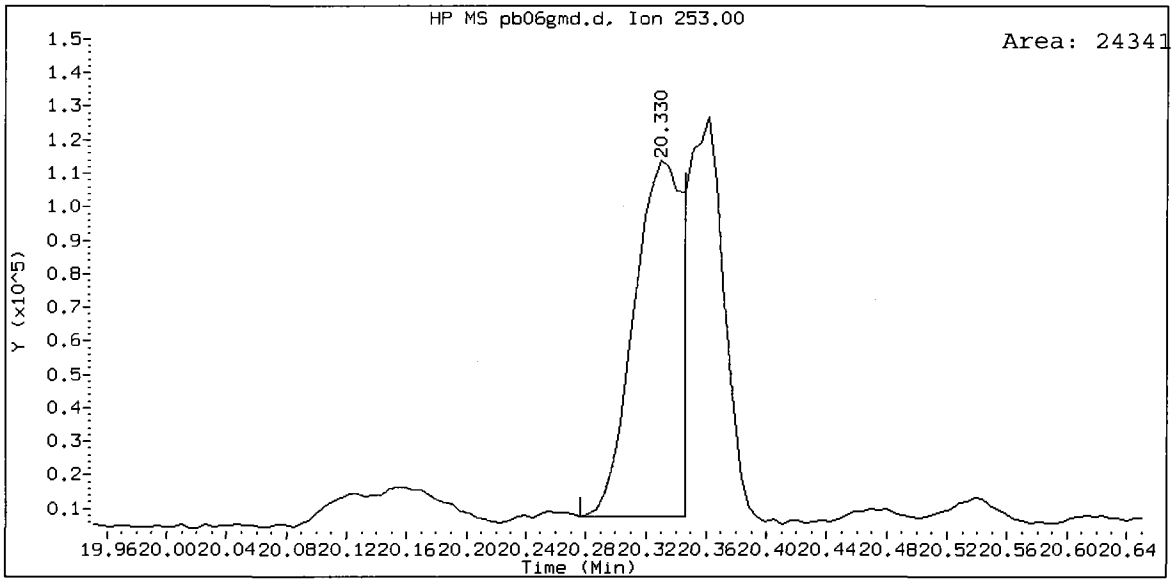
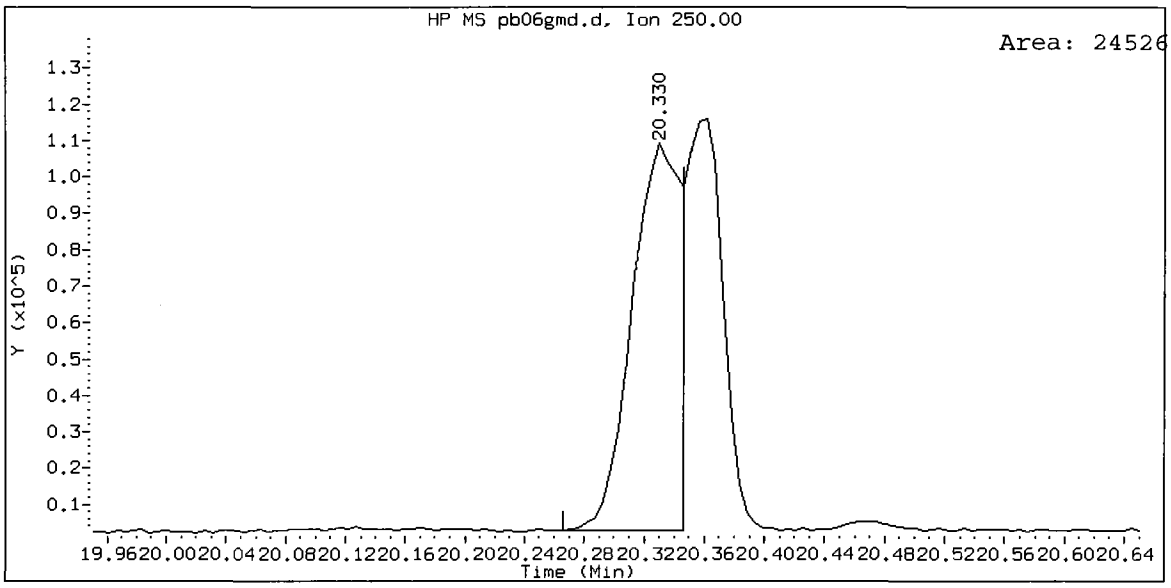
Benzo(k)fluoranthene Amount: 25.42







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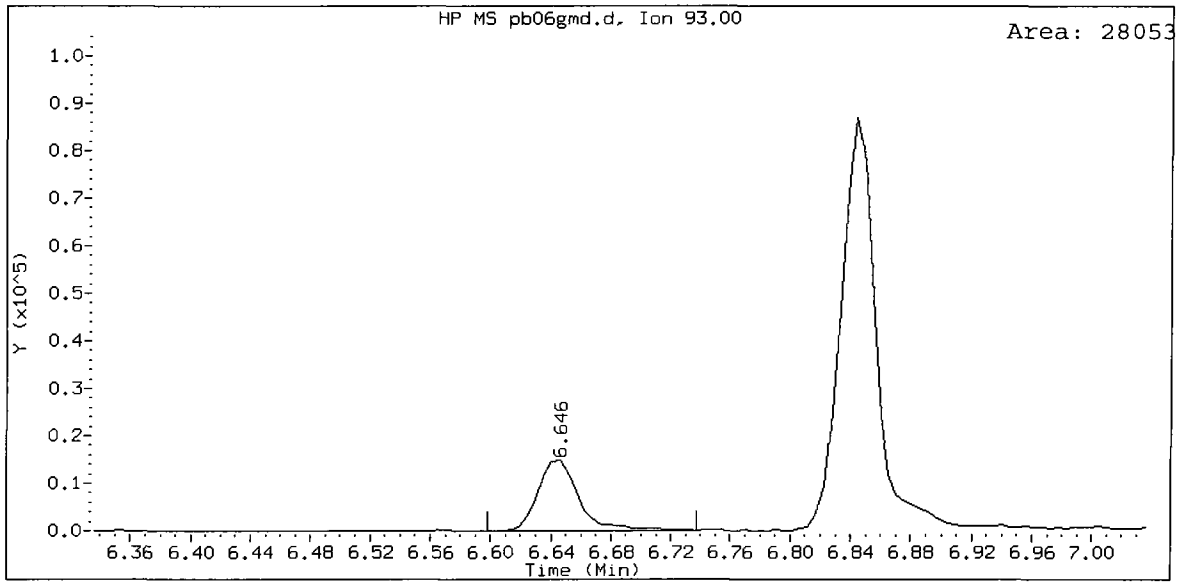
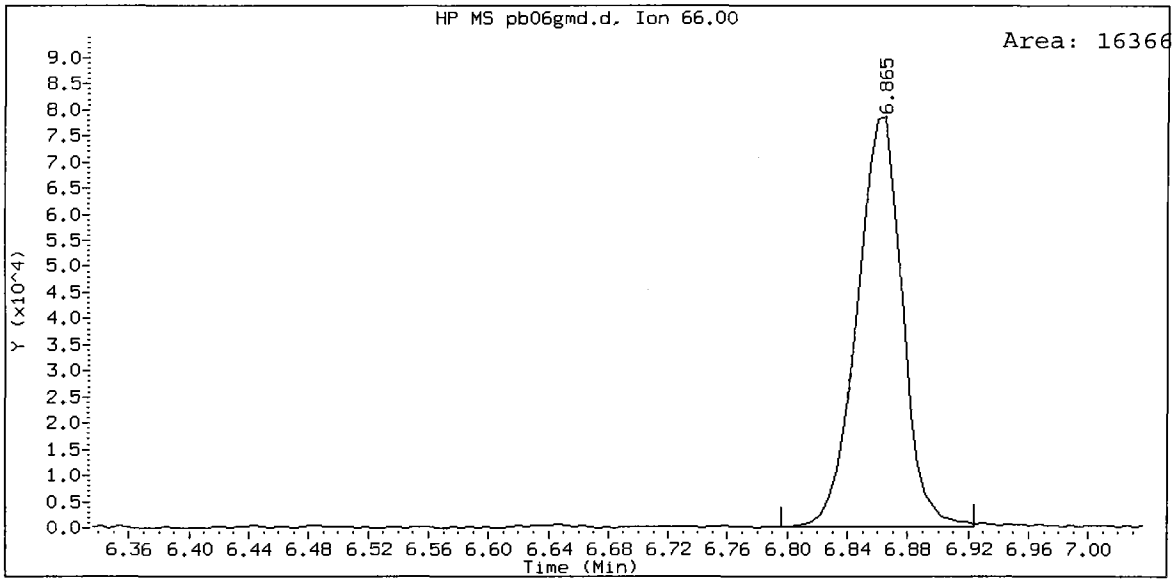
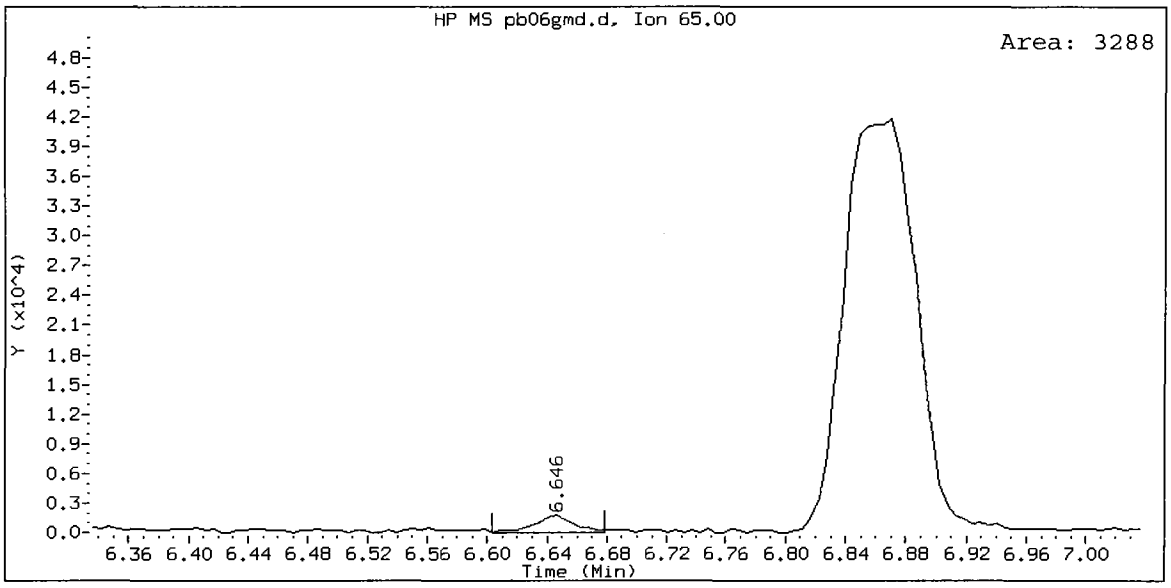
Aniline Amount: 2.11







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611a.b/pb06sb.d
Lab Smp Id: PB06LCSS1 Client Smp ID: PB06LCSS1
Inj Date : 11-JUN-2009 21:29
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB06LCSS1
Misc Info : 09-12548
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611a.b/SW846.m
Meth Date : 12-Jun-2009 10:27 van Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 12 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	7.50000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$ 1	2-Fluorophenol	112	5.137	5.102	(0.719)	176007	23.6840	1579
$ 2	Phenol-d5	99	6.808	6.784	(0.954)	230027	23.0499	1537
3	Phenol	94	6.830	6.806	(0.957)	167185	15.5111	1034
$ 5	2-Chlorophenol-d4	132	6.851	6.838	(0.960)	136085	22.3781	1492
4	Bis(2-Chloroethyl)ether	93	6.840	6.832	(0.958)	124137	15.2576	1017
6	2-Chlorophenol	128	6.878	6.859	(0.963)	105309	15.4682	1031
7	1,3-Dichlorobenzene	146	7.070	7.062	(0.990)	109735	14.8050	987.0
* 8	1,4-Dichlorobenzene-d4	152	7.139	7.131	(1.000)	90140	20.0000	
9	1,4-Dichlorobenzene	146	7.166	7.158	(1.004)	111718	15.0516	1003
$ 10	1,2-Dichlorobenzene-d4	152	7.439	7.431	(1.042)	64637	14.4005	960.0
12	1,2-Dichlorobenzene	146	7.460	7.452	(1.045)	108896	14.9446	996.3
11	Benzyl alcohol	108	7.471	7.463	(1.046)	151078	29.9415	1996
14	2,2'-oxybis(1-Chloropropane)	45	7.727	7.724	(1.082)	150217	14.9040	993.6
13	2-Methylphenol	108	7.754	7.740	(1.086)	109702	15.5415	1036

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	17 Hexachloroethane	117	7.946	7.943	(1.113)	47162	13.7458	916.4
	16 N-Nitroso-di-n-propylamine	70	7.951	7.943	(1.114)	106644	15.9382	1063
	15 4-Methylphenol	108	8.005	7.981	(1.121)	234876	32.5537	2170
$	18 Nitrobenzene-d5	82	8.090	8.082	(0.879)	143049	15.5258	1035
	19 Nitrobenzene	77	8.117	8.114	(0.882)	149441	15.6251	1042
	20 Isophorone	82	8.523	8.509	(0.926)	275772	17.2410	1149
	21 2-Nitrophenol	139	8.640	8.638	(0.939)	54061	15.5170	1034
	22 2,4-Dimethylphenol	107	8.817	8.809	(0.958)	102961	13.5017	900.1
	23 Bis(2-Chloroethoxy)methane	93	8.939	8.937	(0.972)	143698	16.3077	1087
	24 Benzoic acid	105	9.142	9.102	(0.994)	294585	61.8173	4121
	25 2,4-Dichlorophenol	162	9.052	9.038	(0.984)	84940	17.1053	1140
	26 1,2,4-Trichlorobenzene	180	9.153	9.145	(0.995)	89356	14.8173	987.8
*	27 Naphthalene-d8	136	9.201	9.193	(1.000)	300005	20.0000	
	28 Naphthalene	128	9.228	9.220	(1.003)	282047	15.8147	1054
	29 4-Chloroaniline	127	9.404	9.396	(1.022)	172016	22.3724	1491
	30 Hexachlorobutadiene	225	9.564	9.562	(1.039)	52352	15.5186	1035
	31 4-Chloro-3-methylphenol	107	10.269	10.256	(1.116)	114442	18.2005	1213
	32 2-Methylnaphthalene	141	10.355	10.347	(1.125)	155323	15.9875	1066
	33 Hexachlorocyclopentadiene	237	10.739	10.731	(0.891)	66362	19.4215	1295
	34 2,4,6-Trichlorophenol	196	10.894	10.881	(0.904)	66385	17.2825	1152
	35 2,4,5-Trichlorophenol	196	10.958	10.940	(0.910)	71317	18.1138	1208
$	36 2-Fluorobiphenyl	172	11.012	11.004	(0.914)	203151	15.1936	1013
	37 2-Chloronaphthalene	162	11.124	11.116	(0.923)	181396	15.1384	1009
	38 2-Nitroaniline	65	11.380	11.372	(0.945)	95064	19.0740	1272
	39 Dimethylphthalate	163	11.776	11.768	(0.977)	236343	17.9968	1200
	40 Acenaphthylene	152	11.792	11.778	(0.979)	296938	16.5969	1106
	41 2,6-Dinitrotoluene	165	11.856	11.848	(0.984)	53507	18.7410	1249
*	42 Acenaphthene-d10	164	12.048	12.035	(1.000)	180011	20.0000	
	43 3-Nitroaniline	138	12.064	12.045	(1.001)	135397	41.5348	2769
	44 Acenaphthene	153	12.096	12.083	(1.004)	186371	16.5055	1100
	45 2,4-Dinitrophenol	184	12.240	12.216	(1.016)	106459	71.2766	4752
	46 Dibenzofuran	168	12.358	12.350	(1.026)	279333	17.1215	1141
	47 4-Nitrophenol	109	12.443	12.419	(1.033)	42829	20.6035	1374
	48 2,4-Dinitrotoluene	165	12.481	12.462	(1.036)	74518	20.1266	1342
	50 Diethylphthalate	149	12.929	12.916	(1.073)	238305	19.9360	1329
	49 Fluorene	166	12.908	12.894	(1.071)	245990	18.4332	1229
	51 4-Chlorophenyl-phenylether	204	12.956	12.948	(1.075)	113779	17.2748	1152
	52 4-Nitroaniline	138	13.047	13.033	(1.083)	51267	17.6980	1180
	53 4,6-Dinitro-2-methylphenol	198	13.132	13.113	(0.912)	159852	65.1755	4345
	54 N-Nitrosodiphenylamine	169	13.170	13.156	(0.915)	172382	16.9646	1131
$	55 2,4,6-Tribromophenol	330	13.335	13.322	(1.107)	52068	30.3357	2022
	56 4-Bromophenyl-phenylether	248	13.725	13.717	(0.954)	68058	16.4313	1095
	57 Hexachlorobenzene	284	13.923	13.915	(0.967)	72732	17.2049	1147
	58 Pentachlorophenol	266	14.243	14.224	(0.990)	41087	21.2825	1419
*	59 Phenanthrene-d10	188	14.393	14.379	(1.000)	325687	20.0000	
	60 Phenanthrene	178	14.430	14.417	(1.003)	388344	18.7859	1252
	61 Anthracene	178	14.499	14.486	(1.007)	377479	18.0118	1201

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
62	Carbazole	167	14.809	14.791	(1.029)	371321	21.5610	1437
63	Di-n-butylphthalate	149	15.562	15.554	(1.081)	447254	21.7065	1447
64	Fluoranthene	202	16.347	16.329	(1.136)	514850	24.3947	1626
65	Pyrene	202	16.689	16.671	(0.894)	543102	14.9458	996.4
$ 66	Terphenyl-d14	244	17.042	17.028	(0.913)	377116	16.0969	1073
67	Butylbenzylphthalate	149	17.955	17.942	(0.962)	254156	17.3187	1155
68	Benzo(a)anthracene	228	18.649	18.625	(0.999)	586084	18.1034	1207
* 69	Chrysene-d12	240	18.671	18.652	(1.000)	438633	20.0000	
70	3,3'-Dichlorobenzidine	252	18.692	18.668	(1.001)	524726	44.2131	2948
71	Chrysene	228	18.714	18.690	(1.002)	576856	18.6091	1241
72	bis(2-Ethylhexyl)phthalate	149	18.970	18.957	(0.953)	364681	18.9406	1263
* 134	Di-n-octylphthalate-d4	153	19.905	19.891	(1.000)	620793	20.0000	
73	Di-n-octylphthalate	149	19.915	19.897	(1.001)	640011	19.1260	1275
74	Benzo(b)fluoranthene	252	20.289	20.265	(0.975)	622397	19.8479	1323
75	Benzo(k)fluoranthene	252	20.321	20.303	(0.977)	635144	19.7197	1315
76	Benzo(a)pyrene	252	20.727	20.703	(0.996)	527195	18.5720	1238
* 77	Perylene-d12	264	20.807	20.783	(1.000)	432733	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.153	22.135	(1.065)	508495	13.4376	895.8
79	Dibenzo(a,h)anthracene	278	22.180	22.161	(1.066)	422686	14.7128	980.9
80	Benzo(g,h,i)perylene	276	22.452	22.428	(1.079)	375113	11.3425	756.2
90	N-Nitrosodimethylamine	74	2.242	2.207	(0.314)	101063	17.6965	1180
91	Aniline	93	6.696	6.688	(0.938)	205554	15.0365	1002
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	2.242	2.186	(0.314)	128306	13.0975	873.2
105	1-methylnaphthalene	141	10.520	10.512	(1.143)	161251	17.3316	1155
111	Azobenzene (1,2-DP-Hydrazine)	77	13.207	13.194	(1.096)	359073	18.7702	1251

VTS
6.12.2009

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb06sb.d
Lab Smp Id: PB06LCSS1
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12548

Calibration Date: 11-JUN-2009
Calibration Time: 15:29
Client Smp ID: PB06LCSS1
Level: LOW
Sample Type: Solid

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	90140	-19.80
27 Naphthalene-d8	384492	192246	768984	300005	-21.97
42 Acenaphthene-d10	217478	108739	434956	180011	-17.23
59 Phenanthrene-d10	336594	168297	673188	325687	-3.24
69 Chrysene-d12	247160	123580	494320	438633	77.47
134 Di-n-octylphthala	347036	173518	694072	620793	78.88
77 Perylene-d12	232938	116469	465876	432733	85.77

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.14	0.11
27 Naphthalene-d8	9.19	8.69	9.69	9.20	0.09
42 Acenaphthene-d10	12.03	11.53	12.53	12.05	0.11
59 Phenanthrene-d10	14.38	13.88	14.88	14.39	0.09
69 Chrysene-d12	18.65	18.15	19.15	18.67	0.10
134 Di-n-octylphthala	19.89	19.39	20.39	19.90	0.07
77 Perylene-d12	20.78	20.28	21.28	20.81	0.12

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06LCSS1
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090611a.b/SW846.m
Misc Info: 09-12548

Client SDG: PB06
Fraction: SV
Client Smp ID: PB06LCSS1
Operator: LJR/VTS
SampleType: LCS
Quant Type: ISTD

SPIKE	COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	1667	1034	62.04	31-102
4	Bis(2-Chloroethyl)	1667	1017	61.03	30-100
6	2-Chlorophenol	1667	1031	61.87	36-100
7	1,3-Dichlorobenzen	1667	987.0	59.22	32-100
9	1,4-Dichlorobenzen	1667	1003	60.21	33-100
11	Benzyl alcohol	3333	1996	59.88	10-100
12	1,2-Dichlorobenzen	1667	996.3	59.78	34-100
13	2-Methylphenol	1667	1036	62.17	34-100
14	2,2'-oxybis(1-Chlo	1667	993.6	59.62	29-100
15	4-Methylphenol	3333	2170	65.11	39-100
16	N-Nitroso-di-n-pro	1667	1063	63.75	32-100
17	Hexachloroethane	1667	916.4	54.98	29-100
19	Nitrobenzene	1667	1042	62.50	28-100
20	Isophorone	1667	1149	68.96	46-100
21	2-Nitrophenol	1667	1034	62.07	37-100
22	2,4-Dimethylphenol	1667	900.1	54.01	19-100
23	Bis(2-Chloroethoxy	1667	1087	65.23	38-100
24	Benzoic acid	5000	4121	82.42	21-123
25	2,4-Dichlorophenol	1667	1140	68.42	39-100
26	1,2,4-Trichloroben	1667	987.8	59.27	36-100
28	Naphthalene	1667	1054	63.26	37-100
29	4-Chloroaniline	4000	1491	37.29	10-100
30	Hexachlorobutadien	1667	1035	62.07	33-100
31	4-Chloro-3-methylp	1667	1213	72.80	42-102
32	2-Methylnaphthalen	1667	1066	63.95	41-100
33	Hexachlorocyclopen	5000	1295	25.90	15-104
34	2,4,6-Trichlorophe	1667	1152	69.13	42-100
35	2,4,5-Trichlorophe	1667	1208	72.46	43-100
37	2-Chloronaphthalen	1667	1009	60.55	36-100
38	2-Nitroaniline	1667	1272	76.30	41-100
39	Dimethylphthalate	1667	1200	71.99	48-100
40	Acenaphthylene	1667	1106	66.39	42-100
41	2,6-Dinitrotoluene	1667	1249	74.96	44-106

SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
43 3-Nitroaniline	4267	2769	64.90	15-108
44 Acenaphthene	1667	1100	66.02	38-100
45 2,4-Dinitrophenol	5000	4752	95.04	20-140
46 Dibenzofuran	1667	1141	68.49	45-100
47 4-Nitrophenol	1667	1374	82.41	21-108
48 2,4-Dinitrotoluene	1667	1342	80.51	48-111
49 Fluorene	1667	1229	73.73	45-100
50 Diethylphthalate	1667	1329	79.74	48-102
51 4-Chlorophenyl-phe	1667	1152	69.10	45-100
52 4-Nitroaniline	1667	1180	70.79	25-100
53 4,6-Dinitro-2-meth	5000	4345	86.90	23-115
54 N-Nitrosodiphenyla	1667	1131	67.86	50-128
56 4-Bromophenyl-phen	1667	1095	65.73	45-100
57 Hexachlorobenzene	1667	1147	68.82	44-101
58 Pentachlorophenol	1667	1419	85.13	35-105
60 Phenanthrene	1667	1252	75.14	45-100
61 Anthracene	1667	1201	72.05	43-100
62 Carbazole	1667	1437	86.24	51-106
63 Di-n-butylphthalat	1667	1447	86.83	51-109
64 Fluoranthene	1667	1626	97.58	52-107
65 Pyrene	1667	996.4	59.78	41-113
67 Butylbenzylphthala	1667	1155	69.27	40-118
68 Benzo(a)anthracene	1667	1207	72.41	44-106
70 3,3'-Dichlorobenzi	4267	2948	69.08	10-100
71 Chrysene	1667	1241	74.44	48-102
72 bis(2-Ethylhexyl)p	1667	1263	75.76	38-125
73 Di-n-octylphthalat	1667	1275	76.50	29-116
74 Benzo(b)fluoranthe	1667	1323	79.39	49-112
75 Benzo(k)fluoranthe	1667	1315	78.88	48-116
76 Benzo(a)pyrene	1667	1238	74.29	41-100
78 Indeno(1,2,3-cd)py	1667	895.8	53.75	29-117
79 Dibenzo(a,h)anthra	1667	980.9	58.85	34-117
80 Benzo(g,h,i)peryle	1667	756.2	45.37	24-122
91 Aniline	4067	1002	24.65	10-100
111 Azobenzene (1,2-DP	1667	1251	75.08	44-101
90 N-Nitrosodimethyla	1667	1180	70.79	25-100
105 1-methylnaphthalen	1667	1155	69.33	40-100
103 Pyridine	1667	873.2	52.39	10-100

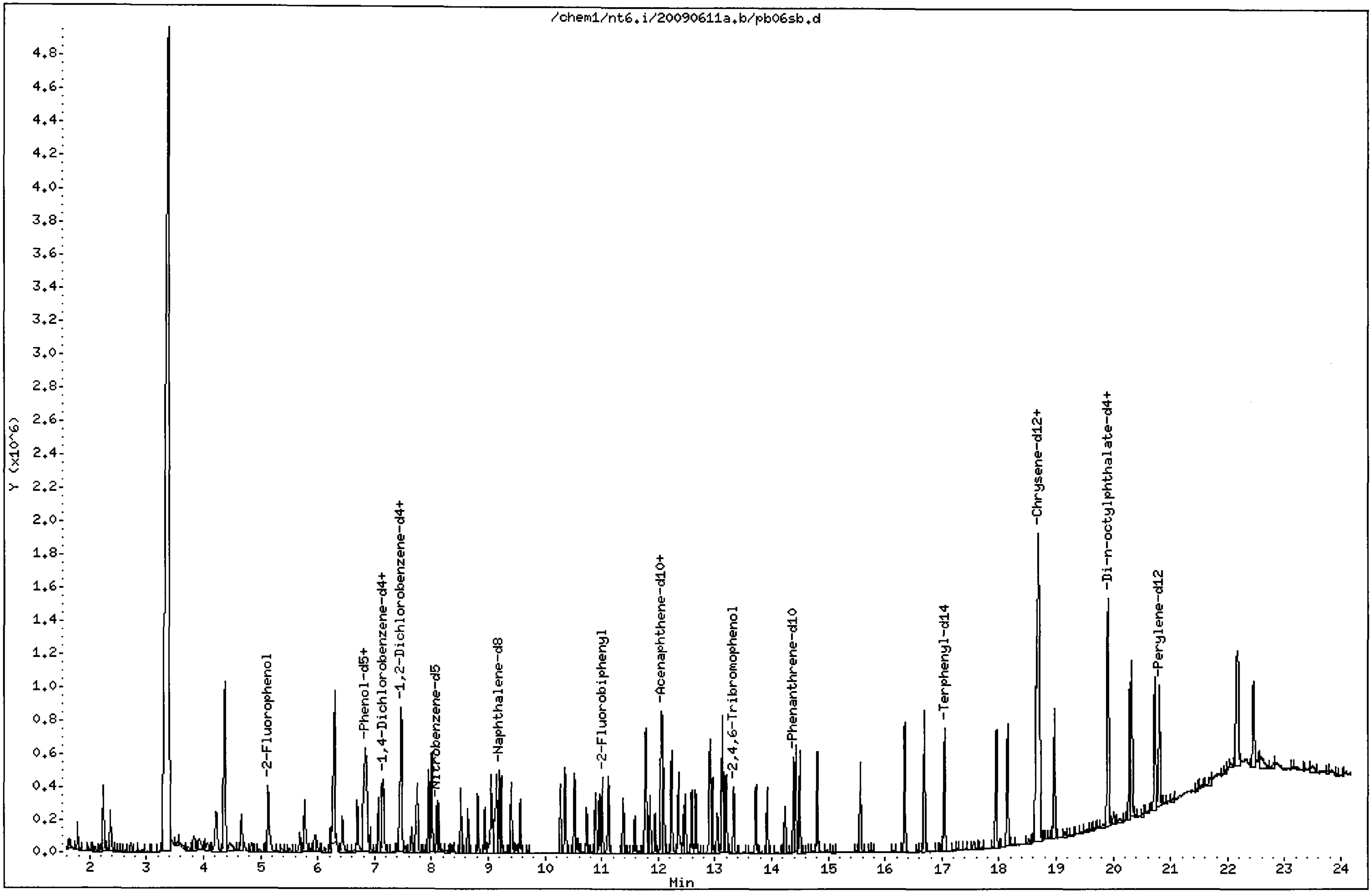
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	2500	1579	63.16	21-100
$ 2 Phenol-d5	2500	1537	61.47	10-100

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 5 2-Chlorophenol-d4	2500	1492	59.67	30-100
$ 10 1,2-Dichlorobenzen	1667	960.0	57.60	24-100
$ 18 Nitrobenzene-d5	1667	1035	62.10	26-100
$ 36 2-Fluorobiphenyl	1667	1013	60.77	32-100
$ 55 2,4,6-Tribromophen	2500	2022	80.90	33-118
$ 66 Terphenyl-d14	1667	1073	64.39	21-97

Data File: /chem1/nt6.i/20090611a.b/pb06sb.d
Date : 11-JUN-2009 21:29
Client ID: PB06LCSS1
Sample Info: PB06LCSS1
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32



PB06 : 00473

Semivolatile Analysis
Extraction Bench Sheets/Run Logs

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Benchsheet

8270 BAN PSDDA–Soil/ Sediment Sonication (3550B) SOP # 374S

Preparation Test BAN # 6 PSDDA

ARI Job No(s) PB06 Batch set up by: SC

Bottle #	Extraction Requirements	Verify Client ID	Volume Extracted	KD	Turbo Vap (1) 2 3	GPC Prep Filter (1:1)	(Opt) GPC (1:1) 1 or (2) (Y) / N	Post GPC KD	Turbo Vap (1) 2 3	Final Effective Volume	Volume to Lab	Comments
	MBS PB06	Date 6-8-09	25g	↓	↓	0.45	↓	↓	↓	0.5mL	0.5mL	(Use 5g Pre-Deactivated Sodium Sulfate for Blanks)
	SBS	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
	SBS Dup.		↓	↓	↓	↓	↓	↓		↓	↓	↓
5	PB06 A	verified	56.38g									
6	C		53.47g									
7	G		36.15g									
↓	GMS		36.59g									
↓	GMSD		36.48g									
6	I		47.38g									
6	K		56.08g									
5	M	↓	52.71g	↓	↓	↓	↓	↓	↓	↓	↓	
									CJZ			
Analyst/Date:	PD 6-8-09			RJC 6/08/09	MW 6/9/09	→	→	AP 06/10/09	6/10/09	→	→	

Standard	Standard ID	Volume	Expiration Date	Analyst	Witness
Surrogate	A 2	125µL	2/18/10	PD	MP 6/8/09
Full List Spike	7	125µL	2/1/10	PD	MP 6/8/09
Base Spike	12	125µL	2/5/10	PD	MP 6/8/09
Acid Spike	10	125µL	10/21/09	PD	MP 6/8/09
Extraction Time: 1125					

SPECIAL INSTRUCTIONS: 1. Weigh soil/sed into 600mL or 400mL beakers. 2. Use 5g Pre-Deactivated Sodium Sulfate for Blanks. 3. Add surr/spike. 4. Add 1:1 DCM/Acetone. 5. Dry using neutral Sodium Sulfate-25g Max at first-A small amt of Additional sulfate may be needed after 10 min. or before 2nd sonication? 6. Sonicate 2X with 1:1 DCM/Acetone + 1X DCM only. 7. Collect into 500mL flask + Lg funnel with a small amount of pre-deactivated glasswool only. NO SODIUM SULFATE. 8. KD (Normal Drying Column with pre-deactivated glasswool plug+neutral Sodium Sulfate at 85-90°). (Blanks=only 5g Sodium Sulfate). 9. TurboVap. 10. GPC Optional (1:1) 11. KD (if GPC=No drying column) on 80°. 12. TurboVap. 13. Vial in DCM.
A. Need Total Solids Y (N) B. Archive/Freeze Y (N)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Laboratory Analyst Notes

ARI Job No.: PB06

Client ID: Anchor Environmental, LLC

Parameter: PSDDA BAN

Client Project: Bay Wood Products

SOP Number(s): 3745

No Anomalies:

List problems, concerns, corrective actions and any other pertinent information

Samples (A-N) contained water @ top. The water was discarded. All of the samples were wet. 06/03/09 WC

Analyst Initials:		**Date:**	

3056F

Revision 006
1/12/07

Analytical Resources Inc.: Organics Instrument Log
NT-6 Serial No.:GC=US00036167, MS=US81221575

Date: 6/11/09 Analysis: BANs Analyst: LTR

GC Program: ABN1UL Column No: 171037 Column Type: ZB-5 MS

Instrument Tune (.U or .CT.): ~~090430~~ 090609 EM Voltage: 1529

Calibration File: ~~0250609~~ 0250611 Curve Date: 6/11/09

IS/SS	Ical/Ccal	LCS/ICV
1564-2	1550-1,2	1507-1
	1551-1	1508-1
	1552-1	1509-1
	1553-1	1510-1

INTERNAL STANDARD SUMMARY FOR DATABATCH - /chem1/nt6.i/20090611.b

	Time	Filename	LabID	ClientId	DF													
1	1027	0250611.d	ABN 25		1	7.13	112389	9.19	384492	12.03	217478	14.38	336594	18.66	247160	20.78	232938	19.89	347036
2	1104	0800611.d	ABN 80		1	7.14	114460	9.20	384289	12.04	211778	14.39	342675	18.66	285044	20.79	315095	19.90	424428
3	1137	0010611.d	ABN 1		1	7.13	118567	9.19	390523	12.03	217076	14.37	349181	18.65	262092	20.78	256679	19.89	361226
4	1210	0400611.d	ABN 40		1	7.14	142411	9.20	471377	12.04	269613	14.38	448584	18.66	339501	20.79	342314	19.90	481057
5	1242	0050611.d	ABN 5		1	7.13	101091	9.19	339003	12.03	177766	14.38	282699	18.64	229753	20.78	254417	19.89	328726
6	1315	0100611.d	ABN 10		1	7.13	97036	9.19	321647	12.03	175814	14.38	273945	18.65	225200	20.78	242978	19.89	322577
7	1348	0010611a.d	ABN 1		1	7.13	100564	9.19	332068	12.03	175487	14.37	275001	18.64	223930	20.78	249789	19.89	314765
8	1421	0050611a.d	ABN 5		1	7.13	98908	9.19	337167	12.03	181326	14.37	284076	18.65	228455	20.78	233018	19.89	316858
9	1454	icv0611.d	ABN ICV		1	7.13	104875	9.19	355357	12.04	195944	14.38	302996	18.65	251700	20.78	266554	19.89	372937

LTR 6.12.2009

Maintenance / Comments New liner + wool. Clipped column. Cleaned inlet body & seal.

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): 0250611

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC/MS SVOA Analyst Notes / Corrective Action Log

ARI Project ID: NT6 Curve Client ID: Various

ARI SOP: **801S**(SIM-PNA) **802S**(BTS-HX) **803S**(BTS-PW) (**804S**(8270D)

Parameter(s): BANs

Instrument: NT-1 NT-2 NT-4 (NT-6) NT-8

Curve Date: 6/11/09 Analysis Start Date: ——

DFTPP Tune Meets Criteria?	(YES) / NO	Internal Standard Meets Criteria?	~~YES / NO~~
DDT Breakdown <20%?	(YES) / NO / NA	Method Blank In Control?	~~YES / NO~~
Peak Tailing Factor In Control?	(YES) / NO / NA	LCS / LCSD Recovery In Control?	(YES) / NO
ICal Meets RF & %RSD Criteria?	(YES) / NO	Surrogate Recovery In Control?	~~YES / NO~~
CCal Meets RF & %RSD Criteria?	~~YES / NO~~	Special Analysis Criteria Met?	YES / NO / (NA)

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary): - Linear fit for hexachlorocyclopentadiene and 2,4-Dinitrophenol.

LJT 6/11/09

Additional Details on Reverse: Yes (No)

Analyst Signature: Jeff Roberson **Date:** 6/11/09

Reviewer's Signature: GNB **Date:** 6/11/09

Analytical Resources Inc.: Organics Instrument Log

NT-6 Serial No.:GC=US00036167, MS=US81221575

Date: 6.11.2009 Analysis: ABN's Analyst: VTS

GC Program: ABN_1 Column No: 171037 Column Type: 2B-5MS

Instrument Tune (.U or .CT.): 090609.U EM Voltage: 1529

Calibration File: CC0611 Curve Date: 6.11.2009

IS/SS	Ical/Ccal	LCS/ICV
1564-2	1550-1,2	1507-1
	1551-1	1508-1
	1552-1	1509-1
	1553-1	1510-1

TERNAL STANDARD SUMMARY FOR DATABATCH - /chem1/nt6.i/20090611a.b

Time	Filename	LabID	ClientId	DF											
1529	cc0611.d	ABN 25		1	7.13	103041	9.19	338029	12.03	185486	14.38	292731	18.65	244267	19.89	365840	20.78	259139
1601	pb83mb.d	PB83MBW1	PB83MBW1	1	7.13	97822	9.19	335020	12.03	173386	14.37	268154	18.64	222735	19.89	318535	20.78	252013
1634	pb83sb.d	PB83LCSW1	PB83LCSW1	1	7.13	109081	9.19	358079	12.04	194918	14.38	296369	18.65	257074	19.89	381433	20.78	273660
1707	pb83sbd.d	PB83LCSDW1	PB83LCSDW1	1	7.13	106880	9.19	354176	12.04	191780	14.38	286756	18.65	253817	19.89	383172	20.78	281097
1740	pb83a.d	PA83A	ER-051209-2	1	7.13	99723	9.19	342411	12.03	177170	14.37	268471	18.64	229361	19.89	337382	20.78	266745
1812	pb76mb.d	PB76MBS1	PB76MBS1	1	7.13	96503	9.19	333718	12.03	180319	14.37	279077	18.64	227222	19.88	329916	20.77	237703
1845	pb76sb.d	PB76LCSS1	PB76LCSS1	1	7.13	97746	9.19	334411	12.03	184963	14.38	293491	18.65	263485	19.89	398545	20.78	269621
1918	pb76a.d	PB76A	MH229-052609 >250	3	7.13	96863	9.19	322800	12.03	170478	14.38	298798	18.67	509019	19.92	804474	20.83	697114
1951	pb76b.d	PB76B	MH229-052609 63-250	3	7.13	89453	9.19	298278	12.04	173733	14.39	333681	18.70	642901	19.95	847647	20.87	689842
2024	pb76c.d	PB76C	MH229-052609 <63	3	7.14	87225	9.19	295121	12.04	170010	14.40	348306	18.73	700889	19.99	761380	20.93	492277
2057	pb06mb.d	PB06MBS1	PB06MBS1	1	7.14	89418	9.20	301795	12.04	170342	14.40	326846	18.67	419416	19.90	627284	20.80	450090
2129	pb06sb.d	PB06LCSS1	PB06LCSS1	1	7.14	90140	9.20	300005	12.05	180011	14.39	325687	18.67	438633	19.90	620793	20.81	432733
2202	pb06a.d	PB06A	BW-01-SS-090602	1	7.14	86307	9.20	298984	12.04	168486	14.39	299250	18.67	454753	19.91	654749	20.82	485794
2235	pb06c.d	PB06C	BW-03-SS-090602	1	7.14	87809	9.20	303782	12.04	173580	14.39	323420	18.67	471976	19.91	678364	20.81	476782
2308	pb06g.d	PB06G	BW-07-SS-090602	1	7.14	89389	9.20	305608	12.04	180065	14.40	330349	18.68	505717	19.92	722353	20.84	515528
2341	pb06gms.d	PB06GMS	BW-07-SS-090602 MS	1	7.14	87431	9.20	298303	12.05	181578	14.40	340489	18.70	538884	19.93	756339	20.85	514495
0013	pb06gmd.d	PB06GMSD	BW-07-SS-090602 MSD	1	7.14	87814	9.20	291911	12.05	176603	14.40	326194	18.70	520635	19.93	730709	20.85	497320
0046	pb06i.d	PB06I	BW-09-SS-090602	1	7.14	85723	9.20	292447	12.05	168144	14.40	312771	18.69	481355	19.92	689621	20.83	464366
0119	pb06k.d	PB06K	BW-11-SS-090602	1	7.15	89291	9.20	304948	12.05	169368	14.40	287406	18.69	522008	19.92	674448	20.83	456072
0152	pb06m.d	PB06M	BW-53-SS-090602	1	7.14	82800	9.20	285356	12.05	166978	14.40	306180	18.68	437817	19.91	642153	20.82	427760

Maintenance / Comments

NONE

6.12.2009

☐ = I.S. > 200% AREA

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): CC0611

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources Inc.: Organics Instrument Log
NT-6 Serial No.:GC=US00036167, MS=US81221575

Date: 6/15/09 Analysis: BANs Analyst: LTK

GC Program: ABNIUL Column No: 171037 Column Type: ZB-5MSi

Instrument Tune (.U or .CT.): 090609 EM Voltage: 1529

Calibration File: cc0615 Curve Date: 6/11/09

IS/SS	Ical/Ccal	LCS/ICV
1564-2	1550-1,2	
	1551-1	
	1552-1	
	1553-1	

	Time	Filename	LabID	ClientId	DF											
1	1439	cc0615.d	ABN 25		1	6.85	104405	8.92	355513	11.75	202417	14.08	315595	18.34	262370	20.45	252054	19.60	373565
2	1511	pb35mb.d	PB35MBS1	PB35MBS1	1	6.84	110400	8.91	392139	11.75	222347	14.07	345115	18.33	286250	19.60	428866	20.45	310083
3	1544	pb35sb.d	PB35LCSS1	PB35LCSS1	1	6.85	112380	8.91	386151	11.75	218272	14.08	338128	18.33	272139	19.60	401277	20.45	279055
4	1617	pb35a.d	PB35A	3SED1-A	3	6.85	105958	8.91	372631	11.75	197262	14.08	285126	18.33	316667	19.60	503051	20.47	421627
5	1649	pb35c.d	PB35C	3SED1-B	3	6.85	98781	8.91	350265	11.74	183034	14.08	263584	18.34	322443	19.61	509732	20.48	451629
6	1722	pb35e.d	PB35E	3SED1-C	3	6.85	119316	8.91	410593	11.75	214428	14.08	308954	18.34	392155	19.61	622089	20.48	543124
7	1755	pb35g.d	PB35G	3SED2-A	3	6.85	101083	8.92	346954	11.75	180284	14.09	279330	18.34	370825	19.61	575490	20.49	476053
8	1827	pb35i.d	PB35I	3SED2-B	3	6.86	103370	8.92	355417	11.75	187759	14.09	275848	18.34	351575	19.61	537995	20.47	451099
9	1900	pb35j.d	PB35J	3SED2-C	3	6.85	99486	8.92	333563	11.75	177098	14.09	284499	18.35	407761	19.62	623744	20.49	532974
10	1933	pb35k.d	PB35K	3SED11-A	1	6.85	95865	8.92	333431	11.75	180927	14.08	281706	18.34	347886	19.61	506501	20.47	387578
11	2006	pb35m.d	PB35M	3SED11-B	1	6.85	98905	8.92	342831	11.75	183391	14.08	282229	18.34	327367	19.60	470586	20.46	372963
12	2038	pb35o.d	PB35O	3SED12-A	1	6.85	97140	8.92	334222	11.75	181520	14.09	266349	18.34	306748	19.60	432739	20.46	347765
13	2111	pb35q.d	PB35Q	3SED12-B	1	6.85	97553	8.92	338723	11.75	183167	14.09	286289	18.34	331388	19.60	471536	20.47	359439
14	2144	pb35qms.d	PB35QMS	3SED12-B MS	1	6.85	96172	8.92	324649	11.75	180778	14.09	292231	18.35	340703	19.60	486713	20.46	348937
15	2216	pb35qmd.d	PB35QMSD	3SED12-B MSD	1	6.85	95622	8.92	322805	11.75	176907	14.09	281832	18.34	333282	19.61	469227	20.47	351775
16	2249	pc14adl.d	PC14A	RCB214-052709>250	15	6.85	102951	8.91	336895	11.75	181614	14.08	269345	18.33	297239	19.60	409760	20.46	358572
17	2322	pc14bdl.d	PC14B	RCB214-052709 63-25	15	6.85	106649	8.92	341813	11.75	183840	14.08	273217	18.34	324787	19.60	461473	20.47	392732
18	2354	pc14cdl.d	PC14C	RCB214-052709<63	15	6.85	103638	8.92	333270	11.75	177161	14.08	269073	18.35	370298	19.61	576879	20.48	483587
19	0027	pb06adl.d	PB06A	BW-01-SS-090602	5	6.85	94737	8.91	327417	11.75	176266	14.08	258962	18.34	307843	19.60	433074	20.47	364727
20	0100	pb06cdl.d	PB06C	BW-03-SS-090602	5	6.85	91205	8.91	311206	11.75	169801	14.08	259291	18.33	299639	19.60	420227	20.46	333147
21	0132	pb06kdl.d	PB06K	BW-11-SS-090602	5	6.85	92820	8.91	316450	11.75	172687	14.08	257537	18.34	299609	19.60	415593	20.47	327760

Maintenance / Comments New liner + wool. Clipped column. Cleaned inlet body & seal.

LTK 6/16/09

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): cc0615

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC/MS SVOA Analyst Notes / Corrective Action Log

ARI Project ID: PB06 Client ID: Anchor

ARI SOP: **801S**(SIM-PNA) **802S**(BTS-HX) **803S**(BTS-PW) (**804S**(8270D)

Parameter(s): BANs

Instrument: NT-1 NT-2 NT-4 (NT-6) NT-8

Curve Date: 6/11/09 Analysis Start Date: 6/11/09

DFTPP Tune Meets Criteria?	(YES) / NO	Internal Standard Meets Criteria?	(YES) / NO
DDT Breakdown <20%?	(YES) / NO / NA	Method Blank In Control?	(YES) / NO
Peak Tailing Factor In Control?	(YES) / NO / NA	LCS / LCSD Recovery In Control?	(YES) / NO
ICal Meets RF & %RSD Criteria?	(YES) / NO	Surrogate Recovery In Control?	(YES) / NO
CCal Meets RF & %RSD Criteria?	(YES) / NO	Special Analysis Criteria Met?	(YES) / NO / NA

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary): - Perylene IS response > +100% in A, C, G, GMS, GMSD. DNOP IS response > +100% in G, GMS, GMSD. Chrysene IS response > +100% in G, GMS, GMSD, and K. A, C, K okay @ dilution. Matrix effect in G?

LJR
6/16/09

Additional Details on Reverse: Yes / (No)

Analyst Signature: [signature] **Date:** 6/16/09

Reviewer's Signature: [signature] **Date:** 6/16/09

SIM Semivolatile Analysis
QC Summary Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

SIM SW8270 SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02

Client ID	FBP	PHL	FPH	CPL	DCB	NBZ	TBP	TER	TOT OU
BW-01-SS-090602	70.4%	62.4%	58.4%	68.5%	54.0%	60.8%	84.0%	87.6%	0
BW-03-SS-090602	70.0%	63.7%	61.9%	71.2%	58.4%	62.8%	85.9%	91.2%	0
MB-060809	60.8%	56.8%	55.5%	65.1%	57.6%	59.2%	57.9%	80.8%	0
LCS-060809	60.8%	59.7%	56.8%	59.5%	55.6%	60.0%	71.7%	80.4%	0
BW-07-SS-090602	70.8%	65.6%	62.1%	73.3%	59.2%	63.6%	83.5%	93.2%	0
BW-07-SS-090602 MS	70.4%	66.9%	62.1%	73.9%	60.0%	64.4%	86.9%	98.4%	0
BW-07-SS-090602 MSD	67.2%	66.1%	61.9%	71.5%	60.8%	63.2%	87.2%	96.8%	0
BW-09-SS-090602	70.0%	65.1%	63.7%	81.1%	61.2%	65.6%	86.1%	93.6%	0
BW-11-SS-090602	64.0%	57.3%	55.2%	64.3%	50.4%	56.4%	83.7%	94.8%	0
BW-53-SS-090602	62.8%	61.6%	58.9%	67.5%	56.4%	60.8%	79.7%	88.0%	0

	LCS/MB LIMITS	QC LIMITS
(FBP) = 2-Fluorobiphenyl	(30-160)	(30-160)
(PHL) = d5-Phenol	(30-160)	(30-160)
(FPH) = 2-Fluorophenol	(30-160)	(30-160)
(CPL) = d4-2-Chlorophenol	(30-160)	(30-160)
(DCB) = d4-1,2-Dichlorobenzene	(30-160)	(30-160)
(NBZ) = d5-Nitrobenzene	(30-160)	(30-160)
(TBP) = 2,4,6-Tribromophenol	(30-160)	(30-160)
(TER) = d14-p-Terphenyl	(30-160)	(30-160)

Prep Method: SW3550B
Log Number Range: 09-12542 to 09-12554

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-07-SS-090602**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted MS/MSD: 06/08/09

Sample Amount MS: 16.2 g-dry-wt
MSD: 16.4 g-dry-wt

Date Analyzed MS: 06/15/09 19:45
MSD: 06/15/09 20:19

Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL

Instrument/Analyst MS: NT2/PK
MSD: NT2/PK

Dilution Factor MS: 1.00
MSD: 1.00

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Dibenz(a,h)anthracene	< 6.0 U	96.9	154	62.9%	97.0	152	63.8%	0.1%
1,4-Dichlorobenzene	< 6.0 U	95.7	154	62.1%	98.2	152	64.6%	2.6%
1,2,4-Trichlorobenzene	< 6.0 U	119	154	77.3%	118	152	77.6%	0.8%
Hexachlorobenzene	< 6.0 U	135	154	87.7%	137	152	90.1%	1.5%
Hexachlorobutadiene	< 6.0 U	120	154	77.9%	121	152	79.6%	0.8%
Butylbenzylphthalate	< 15.0 U	144	154	93.5%	147	152	96.7%	2.1%
2-Methylphenol	< 6.0 U	109	154	70.8%	114	152	75.0%	4.5%
2,4-Dimethylphenol	< 6.0 U	89.5	154	58.1%	104	152	68.4%	15.0%
N-Nitrosodiphenylamine	< 6.0 U	117	154	76.0%	124	152	81.6%	5.8%
Benzyl Alcohol	< 29.9 U	293	309	94.8%	314	305	103%	6.9%
Pentachlorophenol	< 29.9 U	147	154	95.5%	154	152	101%	4.7%
1,2-Dichlorobenzene	< 6.0 U	104	154	67.5%	107	152	70.4%	2.8%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LCS-060809**
Page 1 of 1 **LAB CONTROL SAMPLE**

Lab Sample ID: LCS-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed LCS: 06/15/09 14:06
Instrument/Analyst LCS: NT2/PK

Sample Amount LCS: 16.0 g-dry-wt
Final Extract Volume LCS: 1.0 mL
Dilution Factor LCS: 1.00

Analyte	LCS	Spike Added	Recovery
Dibenz(a,h)anthracene	151	156	96.8%
1,4-Dichlorobenzene	88.8	156	56.9%
1,2,4-Trichlorobenzene	108	156	69.2%
Hexachlorobenzene	119	156	76.3%
Hexachlorobutadiene	112	156	71.8%
Butylbenzylphthalate	136	156	87.2%
2-Methylphenol	88.8	156	56.9%
2,4-Dimethylphenol	38.8	156	24.9%
N-Nitrosodiphenylamine	105	156	67.3%
Benzyl Alcohol	336	312	108%
Pentachlorophenol	121	156	77.6%
1,2-Dichlorobenzene	97.5	156	62.5%

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	60.8%
d5-Phenol	59.7%
2-Fluorophenol	56.8%
d4-2-Chlorophenol	59.5%
d4-1,2-Dichlorobenzene	55.6%
d5-Nitrobenzene	60.0%
2,4,6-Tribromophenol	71.7%
d14-p-Terphenyl	80.4%

4B
SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

PB06MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Lab File ID: 061501 Date Extracted: 06/08/09

Instrument ID: NT2 Date Analyzed: 06/15/09

Matrix: SOLID Time Analyzed: 1332

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	PB06LCSS1	PB06LCSS1	061502	06/15/09
02	BW-01-SS-090602	PB06A	061509	06/15/09
03	BW-03-SS-090602	PB06C	061510	06/15/09
04	BW-07-SS-090602	PB06G	061511	06/15/09
05	BW-07-SS-090602	PB06GMS	061512	06/15/09
06	BW-07-SS-090602	PB06GMSD	061513	06/15/09
07	BW-09-SS-090602	PB06I	061514	06/15/09
08	BW-11-SS-090602	PB06K	061515	06/15/09
09	BW-53-SS-090602	PB06M	061516	06/15/09
10				
11				
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13				
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COMMENTS:

FORM IV SV

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

Instrument ID: NT2 Project: BAY WOOD PRODUCTS

DFTPP Injection Date: 05/11/09 DFTPP Injection Time: 1113

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	64.6
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	85.1
70	Less than 2.0% of mass 69	0.2 (0.2)1
127	25.0 - 75.0% of mass 198	60.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	24.6
365	Greater than 0.75% of mass 198	3.03
441	Present, but less than mass 443	10.8
442	40.0 - 110.0% of mass 198	74.9
443	15.0 - 24.0% of mass 442	14.7 (19.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		ABN 2.5	IC051101	05/11/09	1217
02		ABN 10	IC051102	05/11/09	1250
03		ABN 0.1	IC051103	05/11/09	1323
04		ABN 5	IC051104	05/11/09	1357
05		ABN 0.5	IC051105	05/11/09	1432
06		ABN 1	IC051106	05/11/09	1506
07					
08					
09					
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11					
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17					
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19					
20					
21					
22					

FORM V SV

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

Instrument ID: NT2 Project: BAY WOOD PRODUCTS

DFTPP Injection Date: 06/15/09 DFTPP Injection Time: 1015

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	61.9
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	83.3
70	Less than 2.0% of mass 69	0.6 (0.7)1
127	25.0 - 75.0% of mass 198	59.9
197	Less than 1.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	25.4
365	Greater than 0.75% of mass 198	3.84
441	Present, but less than mass 443	11.9
442	40.0 - 110.0% of mass 198	73.5
443	15.0 - 24.0% of mass 442	14.9 (20.3)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		ABN 2.5	CC0615	06/15/09	1215
02	PB06MBS1	PB06MBS1	061501	06/15/09	1332
03	PB06LCSS1	PB06LCSS1	061502	06/15/09	1406
04	BW-01-SS-090602	PB06A	061509	06/15/09	1803
05	BW-03-SS-090602	PB06C	061510	06/15/09	1837
06	BW-07-SS-090602	PB06G	061511	06/15/09	1911
07	BW-07-SS-090602	PB06GMS	061512	06/15/09	1945
08	BW-07-SS-090602	PB06GMSD	061513	06/15/09	2019
09	BW-09-SS-090602	PB06I	061514	06/15/09	2054
10	BW-11-SS-090602	PB06K	061515	06/15/09	2128
11	BW-53-SS-090602	PB06M	061516	06/15/09	2202
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Ical Midpoint ID: IC051101 Ical Date: 05/11/09

Instrument ID: NT2 Cont. Cal Date: 06/15/09

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	ICAL MIDPT	119785	7.88	372217	9.88	182713	12.72
	UPPER LIMIT	239570	8.38	744434	10.38	365426	13.22
	LOWER LIMIT	59892	7.38	186108	9.38	91356	12.22
	Sample ID						
00	CC0615	127809	7.47	386074	9.46	198525	12.30
01	PB06MBS1	170403	7.47	514666	9.44	260228	12.28
02	PB06LCSS1	180262	7.47	542835	9.44	282065	12.28
03	BW-01-SS-090	179534	7.49	545059	9.46	276458	12.30
04	BW-03-SS-090	174675	7.48	527194	9.44	270350	12.30
05	BW-07-SS-090	186497	7.48	570256	9.46	296088	12.30
06	BW-07-SS-090	182297	7.49	551114	9.46	289566	12.30
07	BW-07-SS-090	185030	7.49	569312	9.46	302688	12.30
08	BW-09-SS-090	195931	7.48	595776	9.46	312542	12.30
09	BW-11-SS-090	188549	7.48	562081	9.46	297507	12.30
10	BW-53-SS-090	193020	7.48	577115	9.46	305188	12.30
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 = 1,4-Dichlorobenzene-d4
IS2 = Naphthalene-d8
IS3 = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Ical Midpoint ID: 061516 Ical Date: 05/11/09

Instrument ID: NT2 Cont. Cal Date: 06/15/09

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	ICAL MIDPT	286879	15.09	251912	19.41	231524	21.58
	UPPER LIMIT	573758	15.59	503824	19.91	463048	22.08
	LOWER LIMIT	143440	14.59	125956	18.91	115762	21.08
	Sample ID						
00	CC0615	337566	14.64	285992	18.93	233429	21.08
01	PB06MBS1	440054	14.64	353464	18.93	267861	21.08
02	PB06LCSS1	469556	14.64	390960	18.93	275877	21.08
03	BW-01-SS-090	479104	14.64	326819	18.94	156804	21.10
04	BW-03-SS-090	468547	14.65	306746	18.94	145979	21.10
05	BW-07-SS-090	530332	14.64	336689	18.96	138651	21.11
06	BW-07-SS-090	508354	14.66	323608	18.96	128786	21.11
07	BW-07-SS-090	517538	14.66	326819	18.96	125452	21.11
08	BW-09-SS-090	528797	14.64	334680	18.94	125933	21.10
09	BW-11-SS-090	514508	14.66	309578	18.94	116355	21.10
10	BW-53-SS-090	520477	14.66	324686	18.94	121337	21.10
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS4 = Phenanthrene-d10
IS5 = Chrysene-d12
IS6 = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-2

SIM Semivolatile Analysis
Sample Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-01-SS-090602**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB06A
LIMS ID: 09-12542
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 18:03
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 54.8%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	< 6.1 U
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	70.4%	d5-Phenol	62.4%
2-Fluorophenol	58.4%	d4-2-Chlorophenol	68.5%
d4-1,2-Dichlorobenzene	54.0%	d5-Nitrobenzene	60.8%
2,4,6-Tribromophenol	84.0%	d14-p-Terphenyl	87.6%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/061509.d
Lab Smp Id: PB06A Client Smp ID: BW-01-SS-090602
Inj Date : 15-JUN-2009 18:03
Operator : VTS Inst ID: nt2.i
Smp Info : PB06A
Misc Info : 09-12542
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	36.30000	Weight of sample extracted (g)
M	54.80000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.677	5.639	(0.758)	234555	2.18675	133.3
$	2 Phenol-d5	99	7.112	7.054	(0.950)	332128	2.33845	142.5(H)
	3 Phenol	94	7.135	7.077	(0.953)	12432	0.06563	4.000
$	5 2-Chlorophenol-d4	132	7.205	7.192	(0.962)	245726	2.57446	156.9
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.485	7.467	(1.000)	179534	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.762	7.761	(1.037)	91926	1.34772	82.14
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.208	8.191	(1.097)	9813	0.08378	5.106
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.362	8.361	(0.884)	225040	1.52095	92.70
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27	Naphthalene-d8	136	9.462	9.463	(1.000)	545059	2.00000	
	30	Hexachlorobutadiene	225	Compound Not Detected.					
$	36	2-Fluorobiphenyl	172	11.242	11.241	(0.914)	346831	1.75854	107.2
	39	Dimethylphthalate	163	Compound Not Detected.					
*	42	Acenaphthene-d10	162	12.297	12.296	(1.000)	276458	2.00000	
	50	Diethylphthalate	149	13.108	13.109	(1.066)	19204	0.09112	5.554
	54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55	2,4,6-Tribromophenol	330	13.583	13.572	(0.928)	71377	3.15162	192.1
	57	Hexachlorobenzene	284	Compound Not Detected.					
	58	Pentachlorophenol	266	14.475	14.475	(0.988)	1616	0.05015	3.056
*	59	Phenanthrene-d10	188	14.644	14.645	(1.000)	479104	2.00000	
$	66	Terphenyl-d14	244	17.298	17.285	(0.913)	222413	2.18773	133.3
	67	Butylbenzylphthalate	149	Compound Not Detected.					
*	69	Chrysene-d12	240	18.944	18.929	(1.000)	326819	2.00000	
*	77	Perylene-d12	264	21.099	21.084	(1.000)	156804	2.00000	
	79	Dibenzo(a,h)anthracene	278	22.576	22.561	(1.070)	4894	0.06720	4.095(M)
	90	N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061509.d
Lab Smp Id: PB06A
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12542

Calibration Date: 15-JUN-2009
Calibration Time: 12:15
Client Smp ID: BW-01-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	179534	49.88
27 Naphthalene-d8	372217	186108	744434	545059	46.44
42 Acenaphthene-d10	182713	91356	365426	276458	51.31
59 Phenanthrene-d10	286879	143440	573758	479104	67.01
69 Chrysene-d12	251912	125956	503824	326819	29.74
77 Perylene-d12	231524	115762	463048	156804	-32.27

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.49	0.24
27 Naphthalene-d8	9.46	8.96	9.96	9.46	-0.01
42 Acenaphthene-d10	12.30	11.80	12.80	12.30	0.01
59 Phenanthrene-d10	14.64	14.14	15.14	14.64	-0.01
69 Chrysene-d12	18.93	18.43	19.43	18.94	0.08
77 Perylene-d12	21.08	20.58	21.58	21.10	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Client SDG: PB06
Sample Matrix: SOLID
Fraction: SV
Lab Smp Id: PB06A
Client Smp ID: BW-01-SS-090602
Level: LOW
Operator: VTS
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: wind.spk
Quant Type: ISTD
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12542

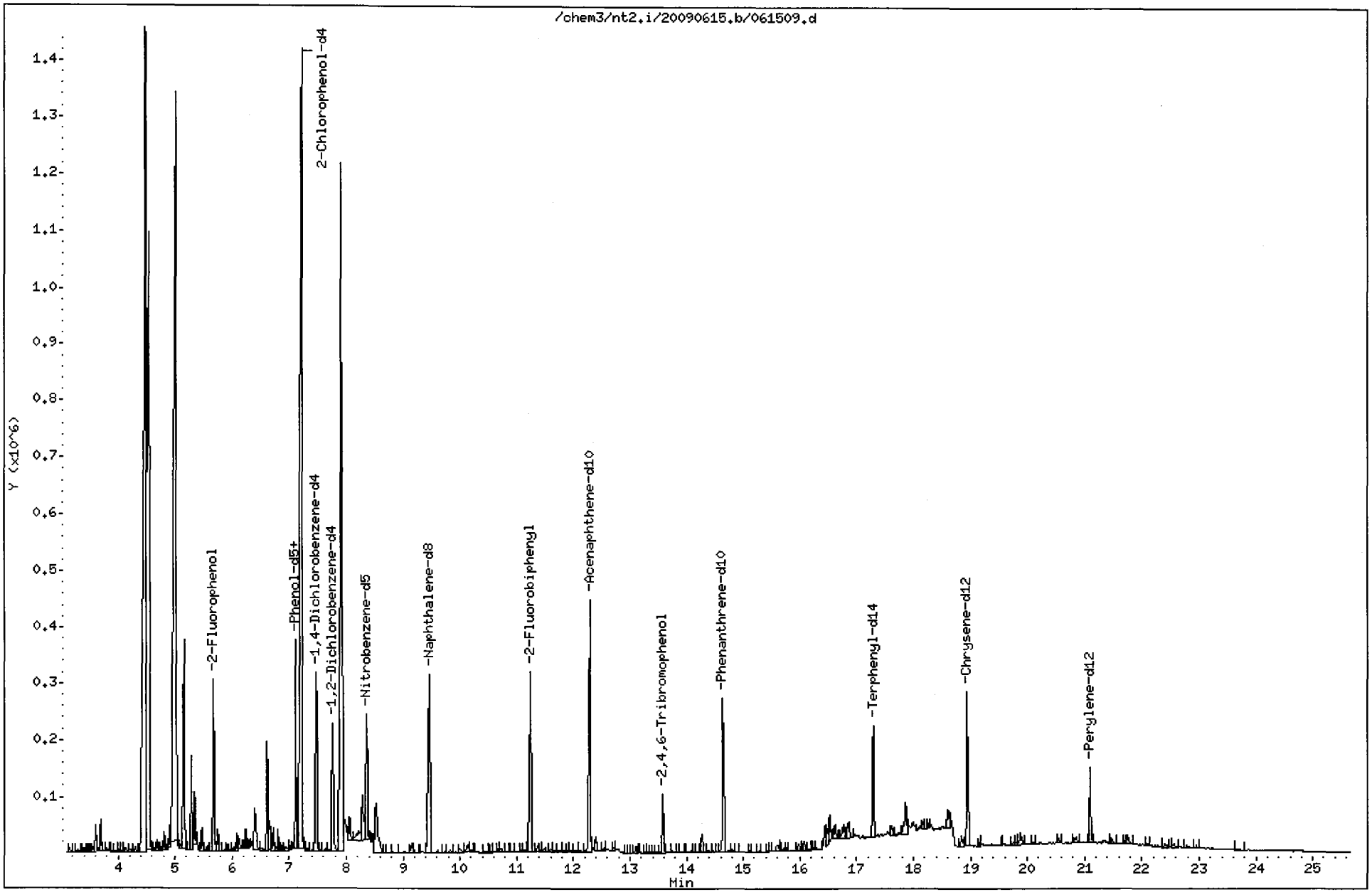
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	228.6	133.3	58.31	30-160
$ 2 Phenol-d5	228.6	142.5	62.36	30-160
$ 5 2-Chlorophenol-d4	228.6	156.9	68.65	30-160
$ 10 1,2-Dichlorobenzen	152.4	82.14	53.91	30-160
$ 18 Nitrobenzene-d5	152.4	92.70	60.84	30-160
$ 36 2-Fluorobiphenyl	152.4	107.2	70.34	30-160
$ 55 2,4,6-Tribromophen	228.6	192.1	84.04	30-160
$ 66 Terphenyl-d14	152.4	133.3	87.51	30-160

Data File: /chem3/nt2.i/20090615.b/061509.d
Date : 15-JUN-2009 18:03
Client ID: BW-01-SS-090602
Sample Info: PB06A
Volume Injected (uL): 2.0
Column phase: ZB-5

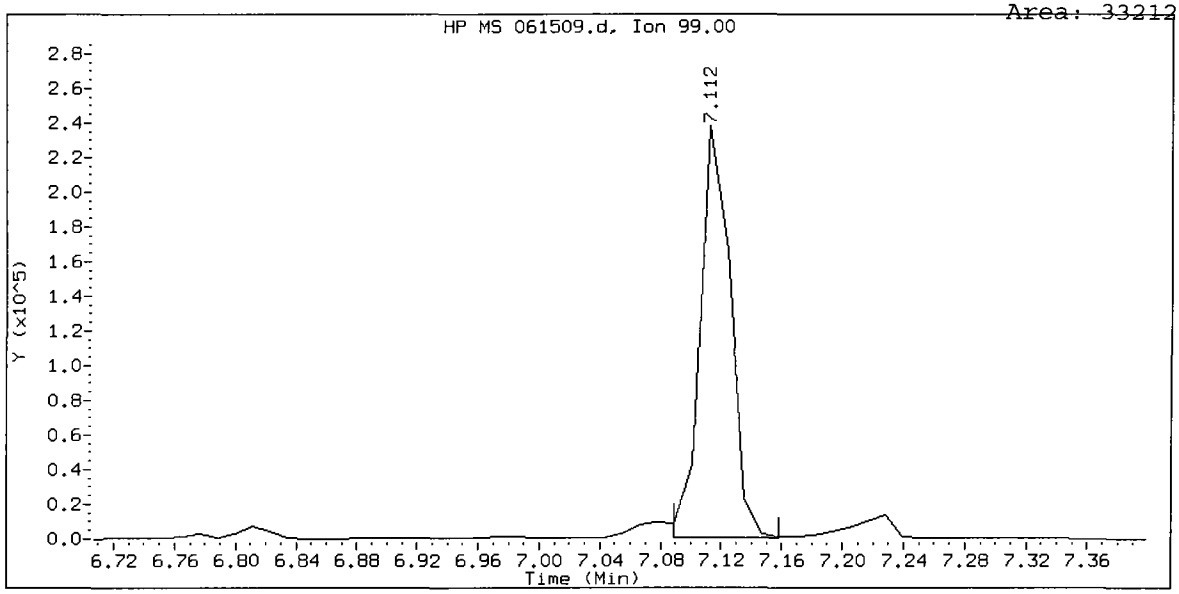
Instrument: nt2.i

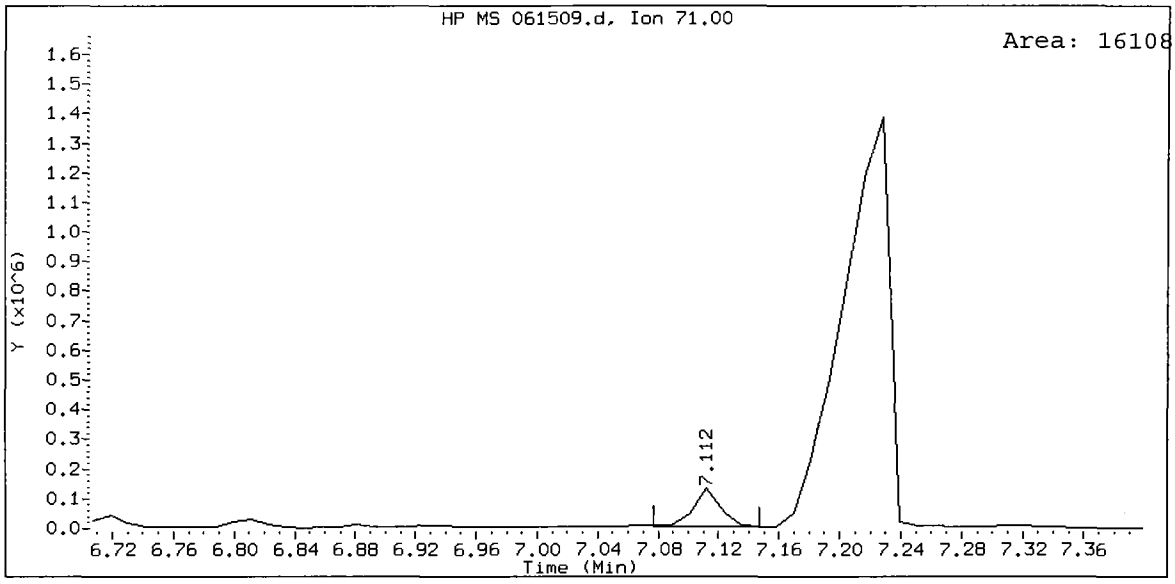
Operator: VTS
Column diameter: 0.32

PB06-061509



PB06A, /chem3/nt2.i/20090615.b/061509.d
Phenol-d5 Amount: 2.34





ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-03-SS-090602**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB06C
LIMS ID: 09-12544
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 18:37
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 52.4%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	< 6.1 U
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	70.0%	d5-Phenol	63.7%
2-Fluorophenol	61.9%	d4-2-Chlorophenol	71.2%
d4-1,2-Dichlorobenzene	58.4%	d5-Nitrobenzene	62.8%
2,4,6-Tribromophenol	85.9%	d14-p-Terphenyl	91.2%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/061510.d
Lab Smp Id: PB06C Client Smp ID: BW-03-SS-090602
Inj Date : 15-JUN-2009 18:37
Operator : VTS Inst ID: nt2.i
Smp Info : PB06C
Misc Info : 09-12544
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	34.20000	Weight of sample extracted (g)
M	52.40000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.684	5.639	(0.759)	242444	2.32318	142.7
$	2 Phenol-d5	99	7.111	7.054	(0.950)	330107	2.38887	146.7
	3 Phenol	94	7.134	7.077	(0.953)	12279	0.06663	4.093
$	5 2-Chlorophenol-d4	132	7.204	7.192	(0.962)	247871	2.66918	164.0
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.485	7.467	(1.000)	174675	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.761	7.761	(1.037)	96870	1.45971	89.67
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.207	8.191	(1.097)	10175	0.08929	5.485
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.361	8.361	(0.885)	224323	1.56749	96.29
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)	
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.						
*	27 Naphthalene-d8	136	9.444	9.463	(1.000)	527194	2.00000		
	30 Hexachlorobutadiene	225	Compound Not Detected.						
$	36 2-Fluorobiphenyl	172	11.241	11.241	(0.914)	336746	1.74598	107.3	
	39 Dimethylphthalate	163	Compound Not Detected.						
*	42 Acenaphthene-d10	162	12.296	12.296	(1.000)	270350	2.00000		
	50 Diethylphthalate	149	13.109	13.109	(1.066)	25466	0.12356	7.590	B
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.						
$	55 2,4,6-Tribromophenol	330	13.584	13.572	(0.928)	71416	3.22440	198.1	
	57 Hexachlorobenzene	284	Compound Not Detected.						
	58 Pentachlorophenol	266	Compound Not Detected.						
*	59 Phenanthrene-d10	188	14.645	14.645	(1.000)	468547	2.00000		
$	66 Terphenyl-d14	244	17.297	17.285	(0.913)	217907	2.28367	140.3	
	67 Butylbenzylphthalate	149	Compound Not Detected.						
*	69 Chrysene-d12	240	18.944	18.929	(1.000)	306746	2.00000		
*	77 Perylene-d12	264	21.098	21.084	(1.000)	145979	2.00000		
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.						
	90 N-Nitrosodimethylamine	74	Compound Not Detected.						

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061510.d
Lab Smp Id: PB06C
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12544

Calibration Date: 15-JUN-2009
Calibration Time: 12:15
Client Smp ID: BW-03-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	174675	45.82
27 Naphthalene-d8	372217	186108	744434	527194	41.64
42 Acenaphthene-d10	182713	91356	365426	270350	47.96
59 Phenanthrene-d10	286879	143440	573758	468547	63.33
69 Chrysene-d12	251912	125956	503824	306746	21.77
77 Perylene-d12	231524	115762	463048	145979	-36.95

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.48	0.23
27 Naphthalene-d8	9.46	8.96	9.96	9.44	-0.20
42 Acenaphthene-d10	12.30	11.80	12.80	12.30	0.00
59 Phenanthrene-d10	14.64	14.14	15.14	14.65	0.00
69 Chrysene-d12	18.93	18.43	19.43	18.94	0.08
77 Perylene-d12	21.08	20.58	21.58	21.10	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06C
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12544

Client SDG: PB06
Fraction: SV
Client Smp ID: BW-03-SS-090602
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

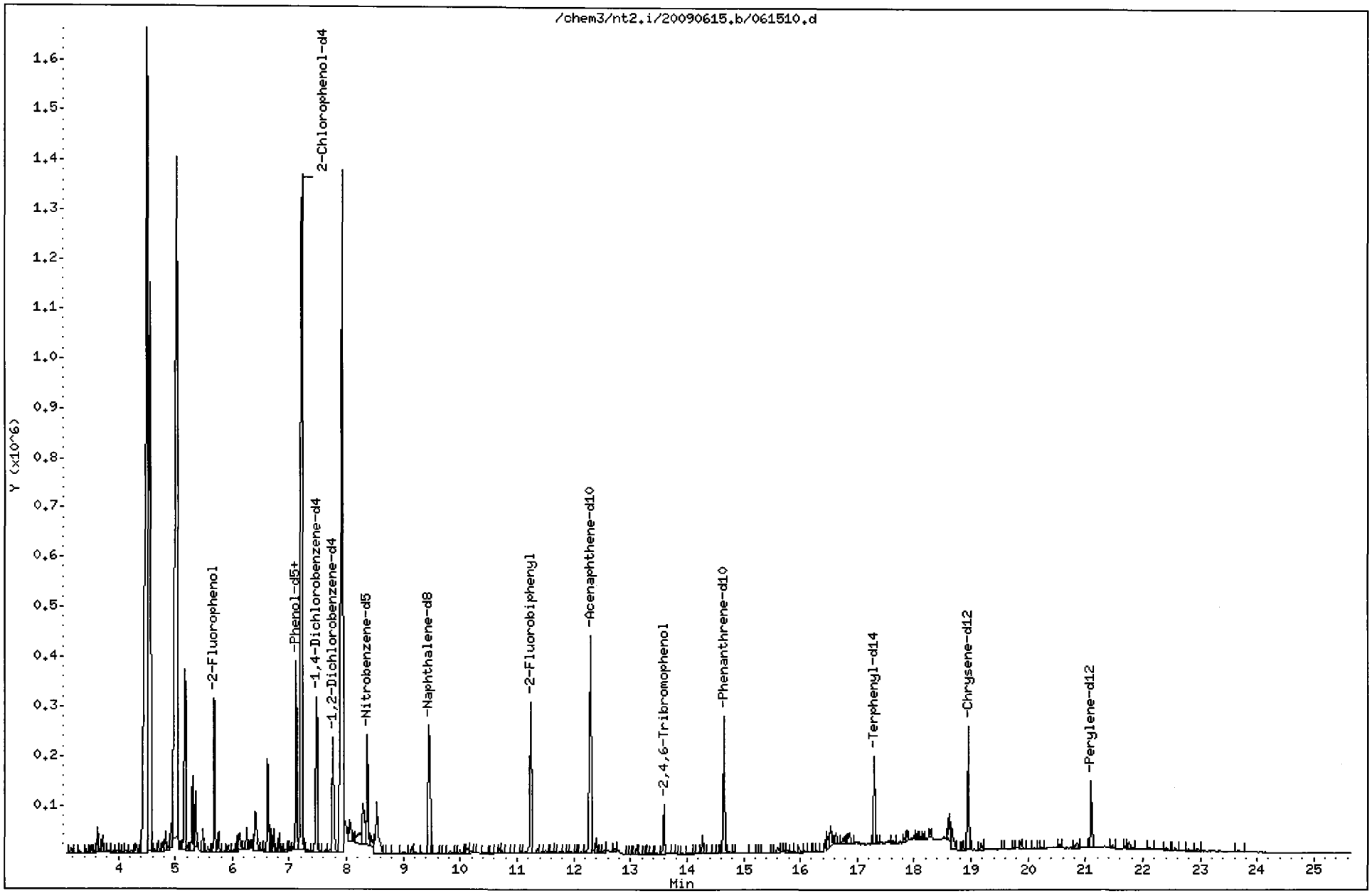
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	230.4	142.7	61.95	30-160
$ 2 Phenol-d5	230.4	146.7	63.70	30-160
$ 5 2-Chlorophenol-d4	230.4	164.0	71.18	30-160
$ 10 1,2-Dichlorobenzen	153.6	89.67	58.39	30-160
$ 18 Nitrobenzene-d5	153.6	96.29	62.70	30-160
$ 36 2-Fluorobiphenyl	153.6	107.3	69.84	30-160
$ 55 2,4,6-Tribromophen	230.4	198.1	85.98	30-160
$ 66 Terphenyl-d14	153.6	140.3	91.35	30-160

Data File: /chem3/nt2.i/20090615.b/061510.d
Date : 15-JUN-2009 18:37
Client ID: BW-03-SS-090602
Sample Info: PB06C
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32

PB06 : 061510



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-07-SS-090602**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 19:11
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	< 6.0 U
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	70.8%	d5-Phenol	65.6%
2-Fluorophenol	62.1%	d4-2-Chlorophenol	73.3%
d4-1,2-Dichlorobenzene	59.2%	d5-Nitrobenzene	63.6%
2,4,6-Tribromophenol	83.5%	d14-p-Terphenyl	93.2%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/061511.d
Lab Smp Id: PB06G Client Smp ID: BW-07-SS-090602
Inj Date : 15-JUN-2009 19:11
Operator : VTS Inst ID: nt2.i
Smp Info : PB06G
Misc Info : 09-12548
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	23.80000	Weight of sample extracted (g)
M	29.70000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.683	5.639	(0.759)	259130	2.32567	139.0
$	2 Phenol-d5	99	7.112	7.054	(0.950)	362303	2.45567	146.8
	3 Phenol	94	7.135	7.077	(0.953)	14108	0.07170	4.285
$	5 2-Chlorophenol-d4	132	7.205	7.192	(0.963)	272254	2.74590	164.1
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.485	7.467	(1.000)	186497	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.762	7.761	(1.037)	105006	1.48201	88.58
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.208	8.191	(1.097)	11588	0.09524	5.692
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.362	8.361	(0.884)	246301	1.59110	95.10
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)	
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.						
* 27	Naphthalene-d8	136	9.462	9.463	(1.000)	570256	2.00000		
30	Hexachlorobutadiene	225	Compound Not Detected.						
$ 36	2-Fluorobiphenyl	172	11.241	11.241	(0.914)	373932	1.77025	105.8	
39	Dimethylphthalate	163	Compound Not Detected.						
* 42	Acenaphthene-d10	162	12.296	12.296	(1.000)	296088	2.00000		
50	Diethylphthalate	149	13.108	13.109	(1.066)	36068	0.15979	9.550	B
54	N-Nitrosodiphenylamine	169	Compound Not Detected.						
$ 55	2,4,6-Tribromophenol	330	13.582	13.572	(0.928)	78365	3.12594	186.8	
57	Hexachlorobenzene	284	Compound Not Detected.						
58	Pentachlorophenol	266	14.475	14.475	(0.988)	2062	0.05781	3.455	
* 59	Phenanthrene-d10	188	14.644	14.645	(1.000)	530332	2.00000		
$ 66	Terphenyl-d14	244	17.297	17.285	(0.912)	243763	2.32745	139.1	
67	Butylbenzylphthalate	149	18.176	18.164	(0.959)	29467	0.22500	13.45	
* 69	Chrysene-d12	240	18.960	18.929	(1.000)	336689	2.00000		
* 77	Perylene-d12	264	21.114	21.084	(1.000)	138651	2.00000		
79	Dibenzo(a,h)anthracene	278	22.592	22.561	(1.070)	4884	0.07584	4.533(M)	
90	N-Nitrosodimethylamine	74	Compound Not Detected.						

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061511.d
Lab Smp Id: PB06G
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12548

Calibration Date: 15-JUN-2009
Calibration Time: 12:15
Client Smp ID: BW-07-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	186497	55.69
27 Naphthalene-d8	372217	186108	744434	570256	53.21
42 Acenaphthene-d10	182713	91356	365426	296088	62.05
59 Phenanthrene-d10	286879	143440	573758	530332	84.86
69 Chrysene-d12	251912	125956	503824	336689	33.65
77 Perylene-d12	231524	115762	463048	138651	-40.11

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.48	0.24
27 Naphthalene-d8	9.46	8.96	9.96	9.46	-0.01
42 Acenaphthene-d10	12.30	11.80	12.80	12.30	0.00
59 Phenanthrene-d10	14.64	14.14	15.14	14.64	0.00
69 Chrysene-d12	18.93	18.43	19.43	18.96	0.16
77 Perylene-d12	21.08	20.58	21.58	21.11	0.14

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06G
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12548

Client SDG: PB06
Fraction: SV
Client Smp ID: BW-07-SS-090602
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

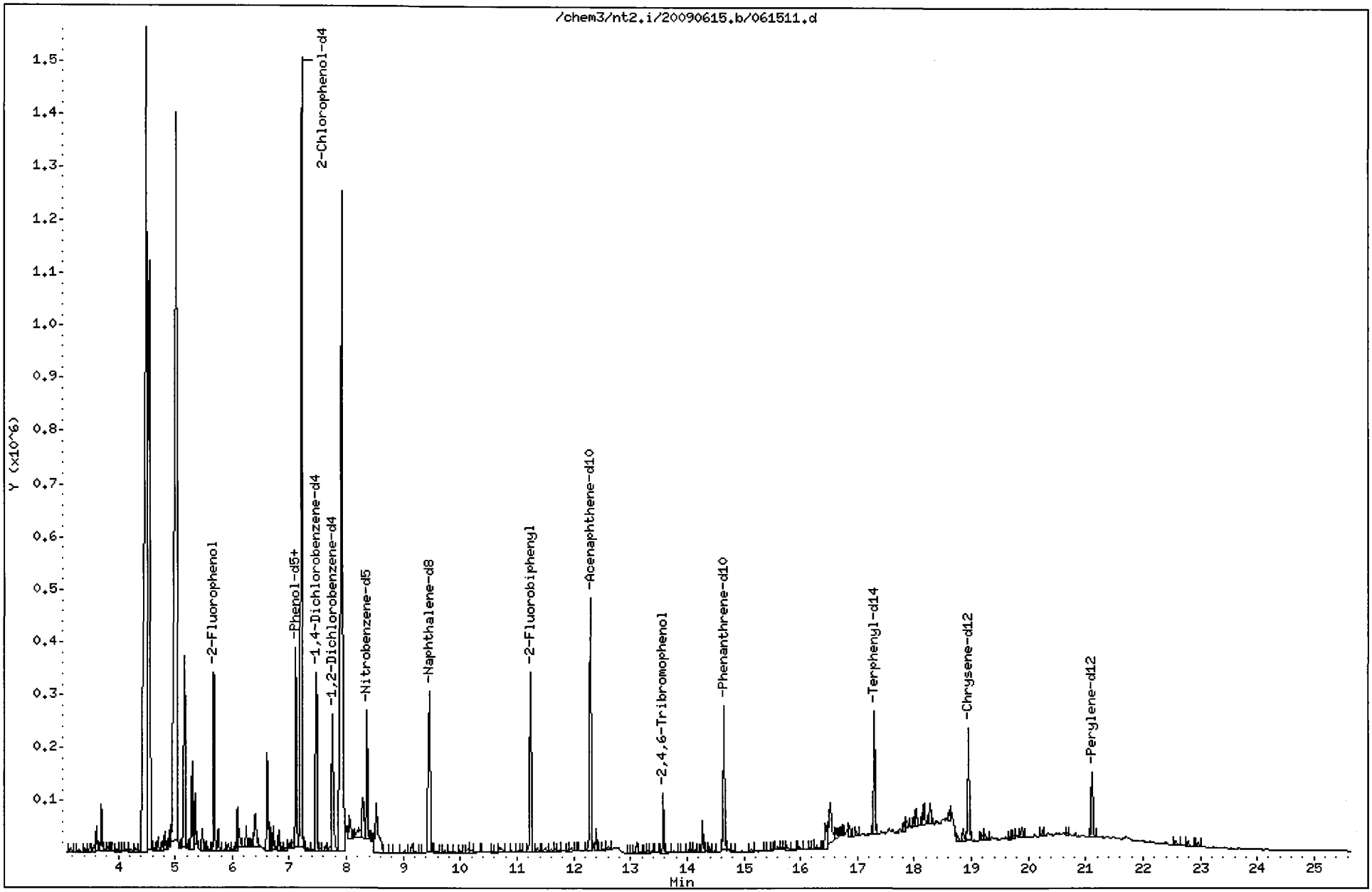
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	224.1	139.0	62.02	30-160
$ 2 Phenol-d5	224.1	146.8	65.48	30-160
$ 5 2-Chlorophenol-d4	224.1	164.1	73.22	30-160
$ 10 1,2-Dichlorobenzen	149.4	88.58	59.28	30-160
$ 18 Nitrobenzene-d5	149.4	95.10	63.64	30-160
$ 36 2-Fluorobiphenyl	149.4	105.8	70.81	30-160
$ 55 2,4,6-Tribromophen	224.1	186.8	83.36	30-160
$ 66 Terphenyl-d14	149.4	139.1	93.10	30-160

Data File: /chem3/nt2.i/20090615.b/061511.d
Date : 15-JUN-2009 19:11
Client ID: BW-07-SS-090602
Sample Info: PB06G
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32

PB06:061511



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-09-SS-090602**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB06I
LIMS ID: 09-12550
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 20:54
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 46.1%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**6.0**	**7.2**
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	70.0%	d5-Phenol	65.1%
2-Fluorophenol	63.7%	d4-2-Chlorophenol	81.1%
d4-1,2-Dichlorobenzene	61.2%	d5-Nitrobenzene	65.6%
2,4,6-Tribromophenol	86.1%	d14-p-Terphenyl	93.6%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/061514.d
Lab Smp Id: PB06I Client Smp ID: BW-09-SS-090602
Inj Date : 15-JUN-2009 20:54
Operator : VTS Inst ID: nt2.i
Smp Info : PB06I
Misc Info : 09-12550
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	30.80000	Weight of sample extracted (g)
M	46.10000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.691	5.639	(0.760)	279889	2.39103	144.0
$	2 Phenol-d5	99	7.123	7.054	(0.952)	378109	2.43940	146.9
	3 Phenol	94	7.135	7.077	(0.953)	41176	0.19919	12.00
$	5 2-Chlorophenol-d4	132	7.204	7.192	(0.963)	316783	3.04117	183.2
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.484	7.467	(1.000)	195931	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.761	7.761	(1.037)	114115	1.53302	92.34
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.207	8.191	(1.097)	18287	0.14306	8.618
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.361	8.361	(0.884)	264469	1.63528	98.50
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.462	9.463	(1.000)	595776	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.240	11.241	(0.914)	391090	1.75400	105.7
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.296	12.296	(1.000)	312542	2.00000	
	50 Diethylphthalate	149	13.109	13.109	(1.066)	45326	0.19024	11.46 B
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.584	13.572	(0.928)	80681	3.22766	194.4
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.475	14.475	(0.988)	3563	0.10018	6.034
*	59 Phenanthrene-d10	188	14.645	14.645	(1.000)	528797	2.00000	
$	66 Terphenyl-d14	244	17.296	17.285	(0.913)	244056	2.34423	141.2
	67 Butylbenzylphthalate	149	18.176	18.164	(0.959)	10989	0.08441	5.085
*	69 Chrysene-d12	240	18.943	18.929	(1.000)	334680	2.00000	
*	77 Perylene-d12	264	21.098	21.084	(1.000)	125933	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.575	22.561	(1.070)	7092	0.12125	7.303(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061514.d
Lab Smp Id: PB06I
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12550

Calibration Date: 15-JUN-2009
Calibration Time: 12:15
Client Smp ID: BW-09-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	195931	63.57
27 Naphthalene-d8	372217	186108	744434	595776	60.06
42 Acenaphthene-d10	182713	91356	365426	312542	71.06
59 Phenanthrene-d10	286879	143440	573758	528797	84.33
69 Chrysene-d12	251912	125956	503824	334680	32.86
77 Perylene-d12	231524	115762	463048	125933	-45.61

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.48	0.23
27 Naphthalene-d8	9.46	8.96	9.96	9.46	0.00
42 Acenaphthene-d10	12.30	11.80	12.80	12.30	0.00
59 Phenanthrene-d10	14.64	14.14	15.14	14.64	0.00
69 Chrysene-d12	18.93	18.43	19.43	18.94	0.07
77 Perylene-d12	21.08	20.58	21.58	21.10	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06I
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12550

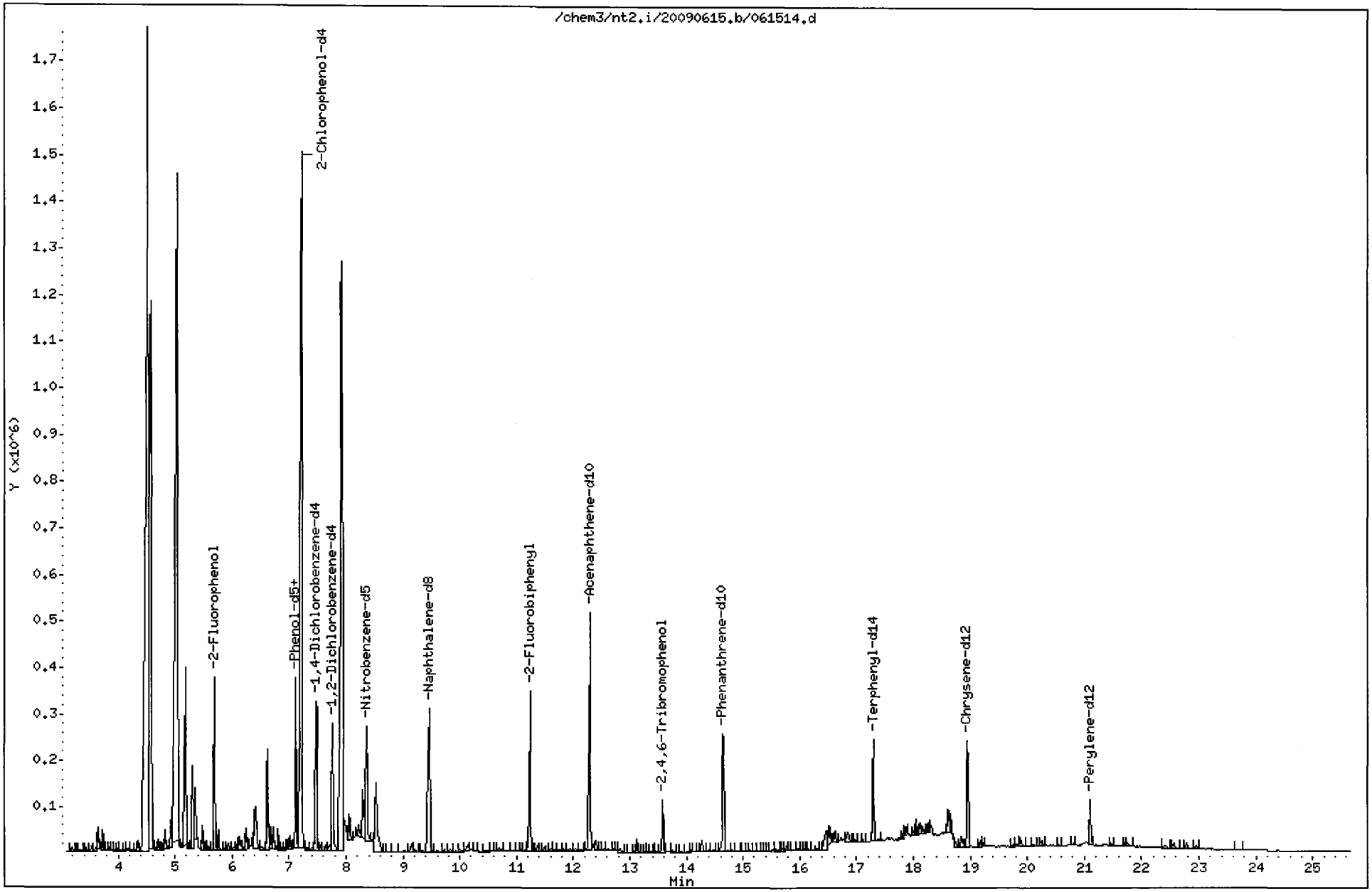
Client SDG: PB06
Fraction: SV
Client Smp ID: BW-09-SS-090602
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	225.9	144.0	63.76	30-160
$ 2 Phenol-d5	225.9	146.9	65.05	30-160
$ 5 2-Chlorophenol-d4	225.9	183.2	81.10	30-160
$ 10 1,2-Dichlorobenzen	150.6	92.34	61.32	30-160
$ 18 Nitrobenzene-d5	150.6	98.50	65.41	30-160
$ 36 2-Fluorobiphenyl	150.6	105.7	70.16	30-160
$ 55 2,4,6-Tribromophen	225.9	194.4	86.07	30-160
$ 66 Terphenyl-d14	150.6	141.2	93.77	30-160

Data File: /chem3/nt2.i/20090615.b/061514.d
Date : 15-JUN-2009 20:54
Client ID: BW-09-SS-090602
Sample Info: PB061
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB061 060516



Data File: /chem3/nt2.i/20090615.b/061514.d

Date : 15-JUN-2009 20:54

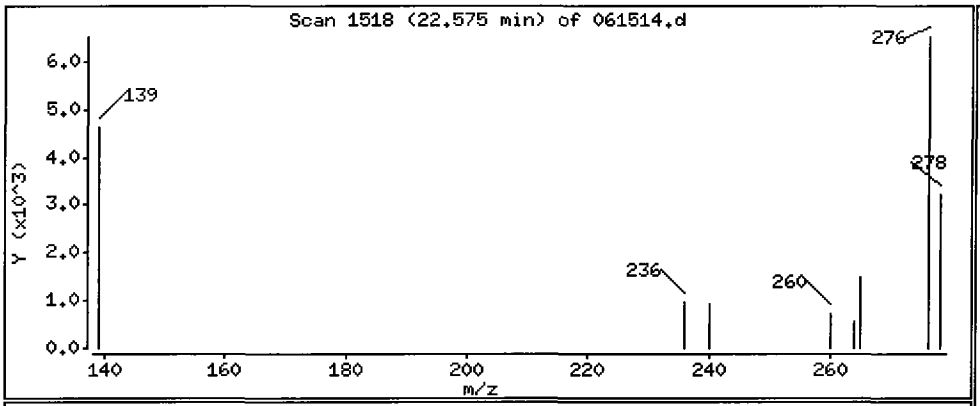
Client ID: BW-09-SS-090602 Instrument: nt2.i

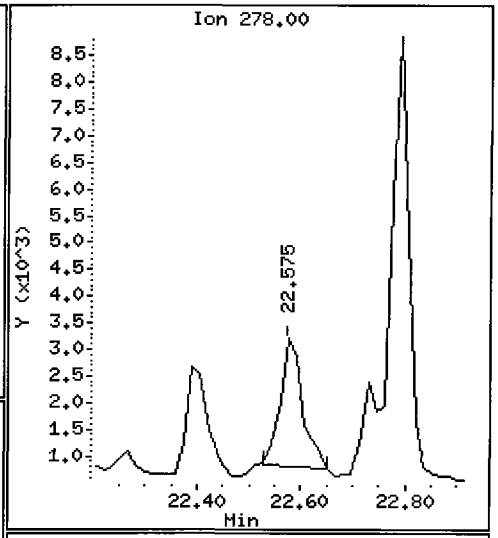
Sample Info: PB06I

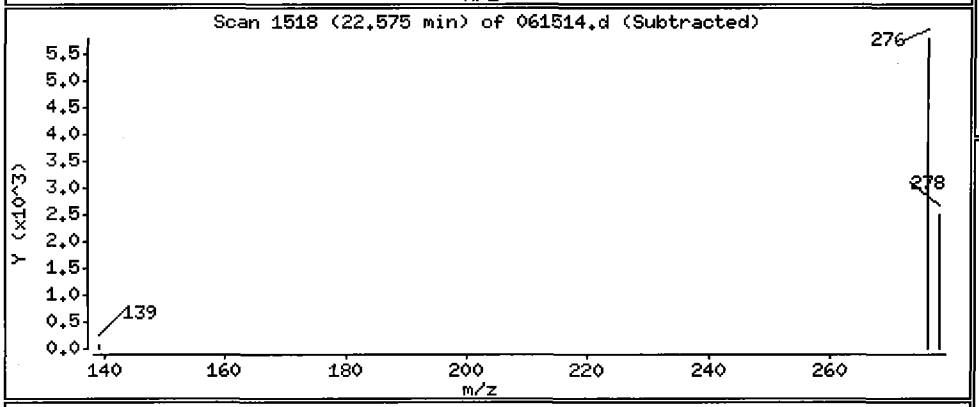
Volume Injected (uL): 2.0 Operator: VTS

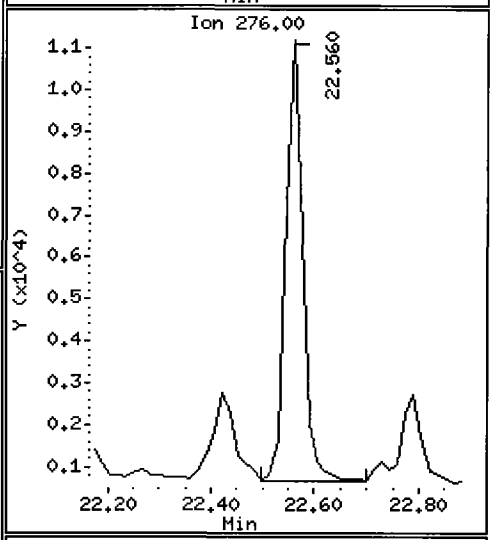
Column phase: ZB-5 Column diameter: 0.32

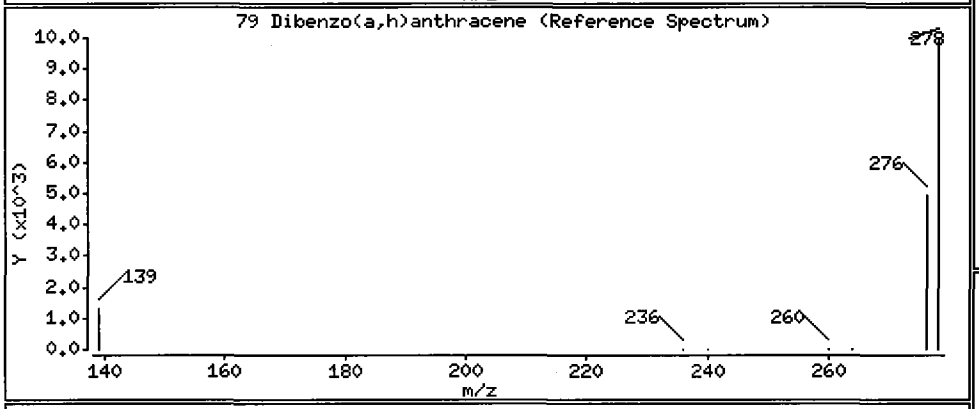
79 Dibenzo(a,h)anthracene Concentration: 7.303 ug/kg

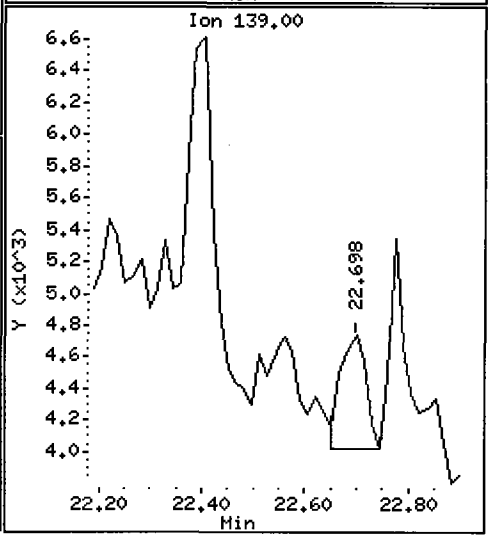


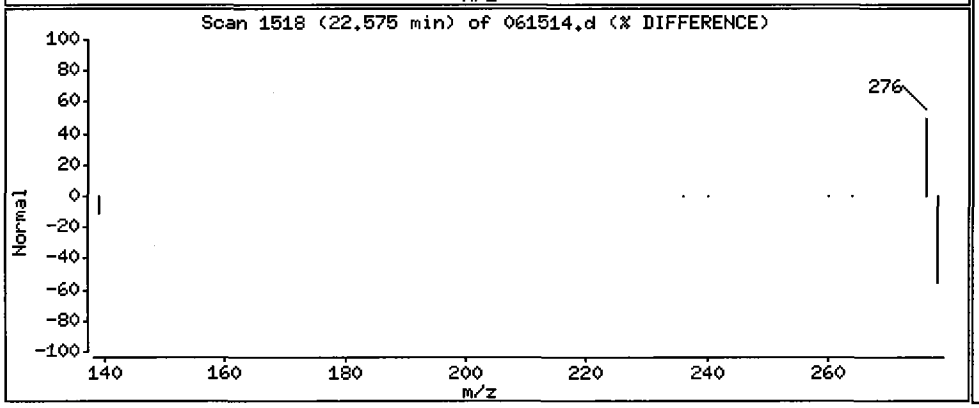












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-11-SS-090602**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB06K
LIMS ID: 09-12552
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 21:28
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 54.9%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	< 6.0 U
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	64.0%	d5-Phenol	57.3%
2-Fluorophenol	55.2%	d4-2-Chlorophenol	64.3%
d4-1,2-Dichlorobenzene	50.4%	d5-Nitrobenzene	56.4%
2,4,6-Tribromophenol	83.7%	d14-p-Terphenyl	94.8%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/061515.d
Lab Smp Id: PB06K Client Smp ID: BW-11-SS-090602
Inj Date : 15-JUN-2009 21:28
Operator : VTS Inst ID: nt2.i
Smp Info : PB06K
Misc Info : 09-12552
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	36.80000	Weight of sample extracted (g)
M	54.90000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.674	5.639	(0.758)	233647	2.07414	125.0
$	2 Phenol-d5	99	7.111	7.054	(0.950)	320494	2.14865	129.5(H)
	3 Phenol	94	7.054	7.077	(0.942)	108251	0.54417	32.79
$	5 2-Chlorophenol-d4	132	7.204	7.192	(0.962)	242025	2.41445	145.5
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.485	7.467	(1.000)	188549	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.762	7.761	(1.037)	89964	1.25589	75.67
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.208	8.191	(1.097)	17592	0.14302	8.617
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.361	8.361	(0.884)	215036	1.40933	84.92
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)	
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.						
*	27 Naphthalene-d8	136	9.462	9.463	(1.000)	562081	2.00000		
	30 Hexachlorobutadiene	225	Compound Not Detected.						
$	36 2-Fluorobiphenyl	172	11.241	11.241	(0.914)	338824	1.59639	96.19	
	39 Dimethylphthalate	163	Compound Not Detected.						
*	42 Acenaphthene-d10	162	12.297	12.296	(1.000)	297507	2.00000		
	50 Diethylphthalate	149	13.110	13.109	(1.066)	90184	0.39764	23.96	B
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.						
$	55 2,4,6-Tribromophenol	330	13.584	13.572	(0.927)	76447	3.14322	189.4	
	57 Hexachlorobenzene	284	Compound Not Detected.						
	58 Pentachlorophenol	266	Compound Not Detected.						
*	59 Phenanthrene-d10	188	14.659	14.645	(1.000)	514508	2.00000		
$	66 Terphenyl-d14	244	17.297	17.285	(0.913)	228334	2.37105	142.9	
	67 Butylbenzylphthalate	149	18.165	18.164	(0.959)	9020	0.07490	4.513	
*	69 Chrysene-d12	240	18.944	18.929	(1.000)	309578	2.00000		
*	77 Perylene-d12	264	21.098	21.084	(1.000)	116355	2.00000		(M)
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.						
	90 N-Nitrosodimethylamine	74	Compound Not Detected.						

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061515.d
Lab Smp Id: PB06K
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12552

Calibration Date: 15-JUN-2009
Calibration Time: 12:15
Client Smp ID: BW-11-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	188549	57.41
27 Naphthalene-d8	372217	186108	744434	562081	51.01
42 Acenaphthene-d10	182713	91356	365426	297507	62.83
59 Phenanthrene-d10	286879	143440	573758	514508	79.35
69 Chrysene-d12	251912	125956	503824	309578	22.89
77 Perylene-d12	231524	115762	463048	116355	-49.74

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.48	0.24
27 Naphthalene-d8	9.46	8.96	9.96	9.46	-0.01
42 Acenaphthene-d10	12.30	11.80	12.80	12.30	0.01
59 Phenanthrene-d10	14.64	14.14	15.14	14.66	0.10
69 Chrysene-d12	18.93	18.43	19.43	18.94	0.08
77 Perylene-d12	21.08	20.58	21.58	21.10	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06K
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12552

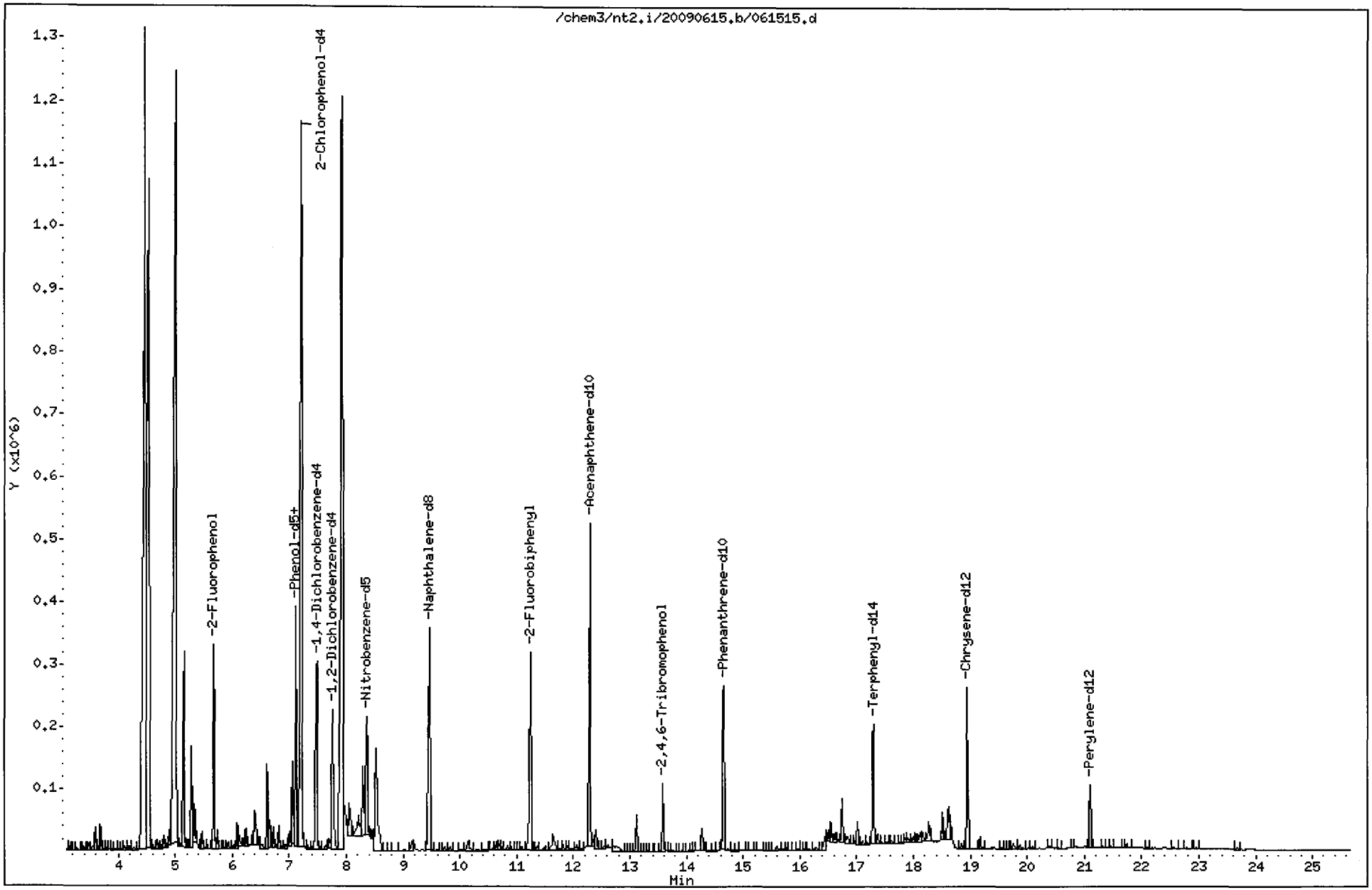
Client SDG: PB06
Fraction: SV
Client Smp ID: BW-11-SS-090602
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	225.9	125.0	55.31	30-160
$ 2 Phenol-d5	225.9	129.5	57.30	30-160
$ 5 2-Chlorophenol-d4	225.9	145.5	64.39	30-160
$ 10 1,2-Dichlorobenzen	150.6	75.67	50.24	30-160
$ 18 Nitrobenzene-d5	150.6	84.92	56.37	30-160
$ 36 2-Fluorobiphenyl	150.6	96.19	63.86	30-160
$ 55 2,4,6-Tribromophen	225.9	189.4	83.82	30-160
$ 66 Terphenyl-d14	150.6	142.9	94.84	30-160

Data File: /chem3/nt2.i/20090615.b/061515.d
Date : 15-JUN-2009 21:28
Client ID: BW-11-SS-090602
Sample Info: PB06K
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB06 090529



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-53-SS-090602**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB06M
LIMS ID: 09-12554
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 22:02
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 51.2%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	< 6.1 U
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	62.8%	d5-Phenol	61.6%
2-Fluorophenol	58.9%	d4-2-Chlorophenol	67.5%
d4-1,2-Dichlorobenzene	56.4%	d5-Nitrobenzene	60.8%
2,4,6-Tribromophenol	79.7%	d14-p-Terphenyl	88.0%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/061516.d
Lab Smp Id: PB06M Client Smp ID: BW-53-SS-090602
Inj Date : 15-JUN-2009 22:02
Operator : VTS Inst ID: nt2.i
Smp Info : PB06M
Misc Info : 09-12554
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	33.80000	Weight of sample extracted (g)
M	51.20000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.690	5.639	(0.760)	254301	2.20520	133.7
$	2 Phenol-d5	99	7.112	7.054	(0.950)	353430	2.31457	140.3
	3 Phenol	94	7.135	7.077	(0.953)	10329	0.05072	3.075(M)
$	5 2-Chlorophenol-d4	132	7.204	7.192	(0.963)	259855	2.53228	153.5
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.485	7.467	(1.000)	193020	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.762	7.761	(1.037)	103728	1.41450	85.76
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.207	8.191	(1.097)	9575	0.07604	4.610
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.361	8.361	(0.884)	238654	1.52337	92.36
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.462	9.463	(1.000)	577115	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.241	11.241	(0.914)	340826	1.56541	94.91
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.296	12.296	(1.000)	305188	2.00000	
	50 Diethylphthalate	149	13.110	13.109	(1.066)	16628	0.07147	4.333
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.584	13.572	(0.927)	73630	2.99267	181.4
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.659	14.645	(1.000)	520477	2.00000	
$	66 Terphenyl-d14	244	17.297	17.285	(0.913)	222426	2.20223	133.5
	67 Butylbenzylphthalate	149	Compound Not Detected.					
*	69 Chrysene-d12	240	18.944	18.929	(1.000)	324686	2.00000	
*	77 Perylene-d12	264	21.098	21.084	(1.000)	121337	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061516.d
Lab Smp Id: PB06M
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12554

Calibration Date: 15-JUN-2009
Calibration Time: 12:15
Client Smp ID: BW-53-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	193020	61.14
27 Naphthalene-d8	372217	186108	744434	577115	55.05
42 Acenaphthene-d10	182713	91356	365426	305188	67.03
59 Phenanthrene-d10	286879	143440	573758	520477	81.43
69 Chrysene-d12	251912	125956	503824	324686	28.89
77 Perylene-d12	231524	115762	463048	121337	-47.59

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.48	0.24
27 Naphthalene-d8	9.46	8.96	9.96	9.46	-0.01
42 Acenaphthene-d10	12.30	11.80	12.80	12.30	0.00
59 Phenanthrene-d10	14.64	14.14	15.14	14.66	0.10
69 Chrysene-d12	18.93	18.43	19.43	18.94	0.08
77 Perylene-d12	21.08	20.58	21.58	21.10	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06M
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12554

Client SDG: PB06
Fraction: SV
Client Smp ID: BW-53-SS-090602
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

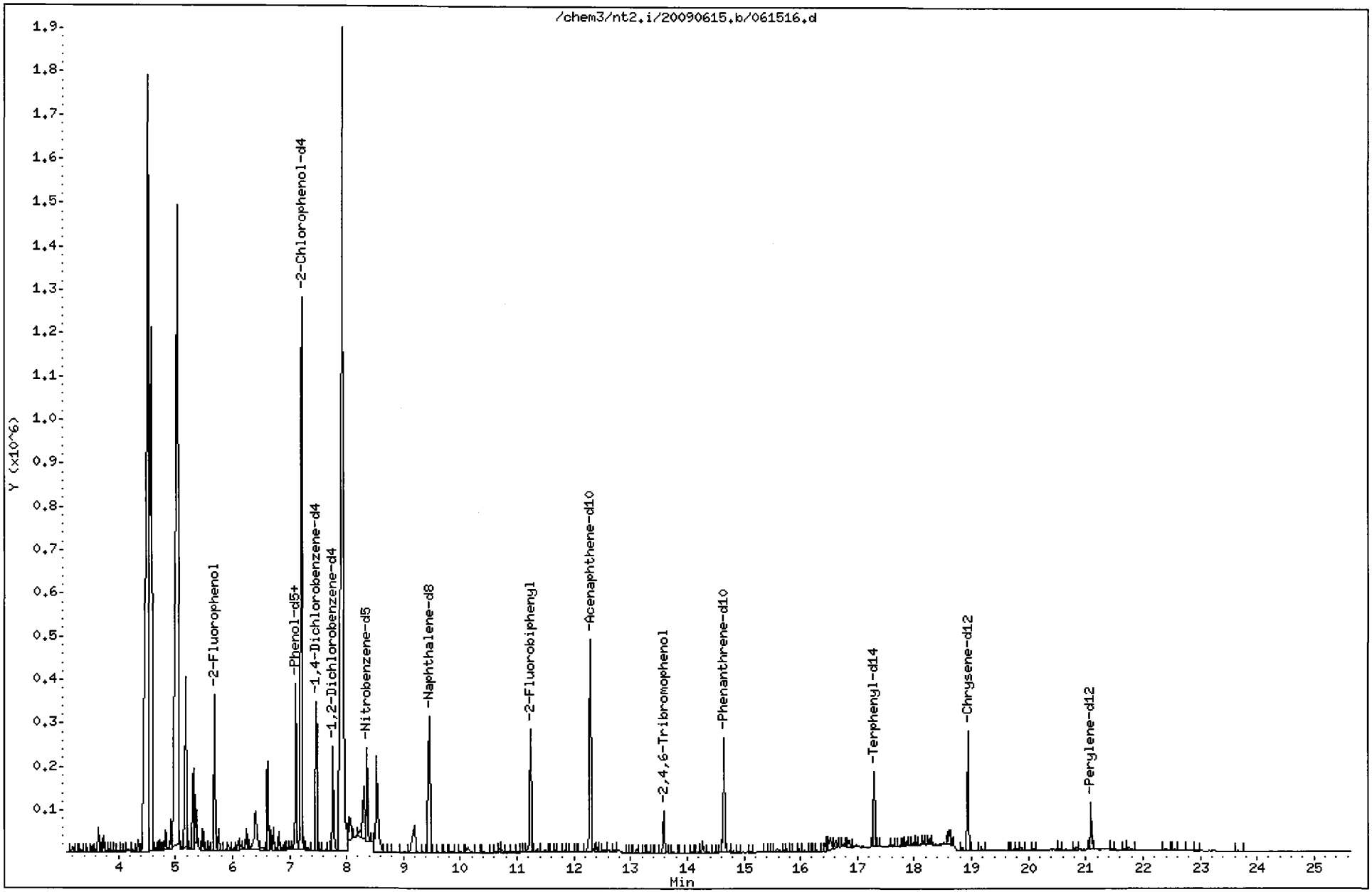
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	227.3	133.7	58.81	30-160
$ 2 Phenol-d5	227.3	140.3	61.72	30-160
$ 5 2-Chlorophenol-d4	227.3	153.5	67.53	30-160
$ 10 1,2-Dichlorobenzen	151.6	85.76	56.58	30-160
$ 18 Nitrobenzene-d5	151.6	92.36	60.93	30-160
$ 36 2-Fluorobiphenyl	151.6	94.91	62.62	30-160
$ 55 2,4,6-Tribromophen	227.3	181.4	79.80	30-160
$ 66 Terphenyl-d14	151.6	133.5	88.09	30-160

Data File: /chem3/nt2.i/20090615.b/061516.d
Date : 15-JUN-2009 22:02
Client ID: BW-53-SS-090602
Sample Info: PB06M
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32

PB06:66525



SIM Semivolatile Analysis
Standard Raw Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

6B

SEMIVOLATILE 8270-D INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Instrument ID: NT2 Calibration Date: 05/11/09

LAB FILE ID: RRF0.1=IC051103 RRF0.5=IC051105 RRF1 =IC051106
RRF2.5=IC051101 RRF5 =IC051104 RRF10 =IC051102

COMPOUND	RRF 0.1	RRF 0.5	RRF 1	RRF 2.5	RRF 5	RRF 10	$\overline{RRF}$	%RSD /R^2
Phenol	2.353	2.037	2.060	2.128	2.145	1.938	2.110	6.6
1,3-Dichlorobenzene	1.635	1.396	1.436	1.439	1.372	1.200	1.413	9.9
1,4-Dichlorobenzene	1.700	1.430	1.435	1.442	1.460	1.325	1.465	8.5
1,2-Dichlorobenzene	1.542	1.305	1.314	1.293	1.288	1.175	1.320	9.1
Benzyl alcohol	1.549	1.275	1.325	1.467	1.240	1.241	1.350	9.6
2-Methylphenol	1.371	1.247	1.276	1.319	1.278	1.166	1.276	5.4
N-Nitroso-di-n-propylamine	1.410	1.185	1.203	1.226	1.197	1.102	1.220	8.3
4-Methylphenol	1.337	1.246	1.290	1.344	1.392	1.219	1.305	5.0
2,4-Dimethylphenol	0.506	0.510	0.526	0.508	0.480	0.419	0.492	7.8
1,2,4-Trichlorobenzene	0.361	0.299	0.313	0.277	0.315	0.301	0.311	9.1
Hexachlorobutadiene	0.192	0.160	0.162	0.150	0.160	0.148	0.162	9.8
Dimethylphthalate	1.600	1.423	1.536	1.485	1.486	1.445	1.496	4.3
Diethylphthalate	1.651	1.442	1.505	1.520	1.569	1.461	1.525	5.0
N-Nitrosodiphenylamine (1)	0.623	0.564	0.601	0.626	0.626	0.562	0.600	5.0
Hexachlorobenzene	0.246	0.210	0.216	0.223	0.220	0.199	0.219	7.3
Pentachlorophenol	0.130	0.117	0.130	0.136	0.153	0.141	0.134	9.0
Butylbenzylphthalate	0.801	0.722	0.772	0.795	0.817	0.761	0.778	4.4
Dibenzo(a,h)anthracene	0.854	0.920	0.971	0.907	1.004	0.918	0.929	5.6
N-Nitrosodimethylamine		0.922	0.938	0.995	0.978	0.887	0.944	4.6
2-Fluorophenol		1.166	1.210	1.235	1.239	1.124	1.195	4.1
Phenol-d5		1.545	1.564	1.654	1.649	1.499	1.582	4.3
2-Chlorophenol-d4		1.043	1.065	1.094	1.108	1.006	1.063	3.9
1,2-Dichlorobenzene-d4		0.765	0.763	0.761	0.786	0.725	0.760	2.9
Nitrobenzene-d5		0.547	0.567	0.529	0.551	0.519	0.543	3.5
2-Fluorobiphenyl		1.367	1.428	1.439	1.460	1.440	1.427	2.5
2,4,6-Tribromophenol		0.086	0.095	0.098	0.100	0.094	0.095	5.6
Terphenyl-d14		0.592	0.624	0.632	0.657	0.605	0.622	4.0

(1) Cannot be seperated from Diphenylamine

<- Outside QC limits: %RSD <20% or R^2 > 0.990

FORM VI SV-1

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-MAY-2009 12:17
End Cal Date : 11-MAY-2009 15:06
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt2.i/20090511.b/SIMABN.m
Cal Date : 12-May-2009 15:30 peter
Curve Type : Average

Calibration File Names:
Level 1: /chem3/nt2.i/20090511.b/ic051103.d
Level 2: /chem3/nt2.i/20090511.b/ic051105.d
Level 3: /chem3/nt2.i/20090511.b/ic051106.d
Level 4: /chem3/nt2.i/20090511.b/ic051101.d
Level 5: /chem3/nt2.i/20090511.b/ic051104.d
Level 6: /chem3/nt2.i/20090511.b/ic051102.d

Compound	0.10000 Level 1	0.50000 Level 2	1.000 Level 3	2.500 Level 4	5.000 Level 5	10.000 Level 6	___ RRF	% RSD
138 Chlorobenzilate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
139 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
140 Diallate A	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
141 Diallate B	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
142 1,2-Dibromo-3-Chloropropane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
135 2,3,5,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
136 2,3,4,5-tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
137 NewCpnd_131	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
133 Butylatedhydroxytoluene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
132 3,6-Dimethylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
131 1-Methylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
146 Benzo(j)fluoranthene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
130 Dibenzothiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
129 1-Methylfluorene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
128 N-Hexadecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
127 2-Isopropylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
126 N-Tetradecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
144 alpha-Terpineol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
125 Safrole	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
124 3,4-Dimethylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
123 Acetophenone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

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Compound	0.10000 Level 1	0.50000 Level 2	1.000 Level 3	2.500 Level 4	5.000 Level 5	10.000 Level 6	___ RRF	% RSD
122 Furfuraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
143 1,4-Dioxane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
121 Quinoline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
120 2,3,4,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
119 7,12-Dimethylbenz(a)anthracen	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
118 Triphenyl Phosphate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
117 Butyl Diphenyl Phosphate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
116 Dibutyl Phenyl Phosphate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
115 Tributyl Phosphate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
114 Beta-Pinene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
113 Diphenyl Oxide	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
112 Biphenyl	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
111 Azobenzene (1,2-DP-Hydrazine)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
110 Tetrachloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
109 3,4,5-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
108 4,5,6-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
107 4,5-Dichloro-2-Methoxyphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
106 Guaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
105 1-methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
3 Phenol	2.35301	2.03667	2.06053	2.12757	2.14478	1.93806	2.11010	6.633
4 Bis(2-Chloroethyl)ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
6 2-Chlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
7 1,3-Dichlorobenzene	1.63523	1.39646	1.43645	1.43894	1.37151	1.20033	1.41315	9.899
9 1,4-Dichlorobenzene	1.70034	1.42967	1.43495	1.44243	1.46013	1.32481	1.46539	8.508
11 Benzyl alcohol	1.54915	1.27504	1.32502	1.46708	1.24036	1.24076	1.34957	9.579
12 1,2-Dichlorobenzene	1.54213	1.30542	1.31407	1.29282	1.28767	1.17543	1.31959	9.111
13 2-Methylphenol	1.37123	1.24700	1.27565	1.31896	1.27800	1.16626	1.27618	5.406
14 2,2'-oxybis(1-Chloropropane)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
15 4-Methylphenol	1.33720	1.24574	1.29031	1.34426	1.39220	1.21896	1.30478	5.004

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Compound	0.10000 Level 1	0.50000 Level 2	1.000 Level 3	2.500 Level 4	5.000 Level 5	10.000 Level 6	___ RRF	% RSD
16 N-Nitroso-di-n-propylamine	1.40958	1.18482	1.20306	1.22582	1.19733	1.10244	1.22051	8.342
17 Hexachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
19 Nitrobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
20 Isophorone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
21 2-Nitrophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
22 2,4-Dimethylphenol	0.50635	0.51022	0.52552	0.50767	0.48049	0.41874	0.49150	7.830
23 Bis(2-Chloroethoxy)methane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
24 Benzoic acid	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
25 2,4-Dichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
26 1,2,4-Trichlorobenzene	0.36148	0.29879	0.31308	0.27697	0.31541	0.30115	0.31115	9.063
28 Naphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
29 4-Chloroaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
30 Hexachlorobutadiene	0.19228	0.15956	0.16164	0.15004	0.16014	0.14828	0.16199	9.790
31 4-Chloro-3-methylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
32 2-Methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
33 Hexachlorocyclopentadiene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
34 2,4,6-Trichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
35 2,4,5-Trichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
37 2-Chloronaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
38 2-Nitroaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
39 Dimethylphthalate	1.60032	1.42290	1.53634	1.48470	1.48634	1.44517	1.49596	4.297
40 Acenaphthylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
41 2,6-Dinitrotoluene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
43 3-Nitroaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
44 Acenaphthene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
45 2,4-Dinitrophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
46 Dibenzofuran	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
47 4-Nitrophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
48 2,4-Dinitrotoluene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

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Compound	0.10000 Level 1	0.50000 Level 2	1.000 Level 3	2.500 Level 4	5.000 Level 5	10.000 Level 6	___ RRF	% RSD
49 Fluorene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
50 Diethylphthalate	1.65080	1.44187	1.50543	1.52017	1.56866	1.46111	1.52467	5.006
51 4-Chlorophenyl-phenylether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
52 4-Nitroaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
53 4,6-Dinitro-2-methylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
54 N-Nitrosodiphenylamine	0.62299	0.56426	0.60117	0.62620	0.62573	0.56229	0.60044	5.038
56 4-Bromophenyl-phenylether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
57 Hexachlorobenzene	0.24604	0.20958	0.21560	0.22295	0.21951	0.19869	0.21873	7.255
58 Pentachlorophenol	0.13018	0.11686	0.12984	0.13631	0.15302	0.14091	0.13452	9.038
60 Phenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
61 Anthracene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
62 Carbazole	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
63 Di-n-butylphthalate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
64 Fluoranthene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
65 Pyrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
67 Butylbenzylphthalate	0.80126	0.72179	0.77155	0.79544	0.81697	0.76078	0.77797	4.401
68 Benzo(a)anthracene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
70 3,3'-Dichlorobenzidine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
71 Chrysene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
72 bis(2-Ethylhexyl)phthalate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
73 Di-n-octylphthalate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
74 Benzo(b)fluoranthene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
75 Benzo(k)fluoranthene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
76 Benzo(a)pyrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
78 Indeno(1,2,3-cd)pyrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
79 Dibenzo(a,h)anthracene	0.85393	0.91963	0.97068	0.90737	1.00387	0.91826	0.92895	5.624
80 Benzo(g,h,i)perylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
90 N-Nitrosodimethylamine	+++++	0.92218	0.93790	0.99482	0.97791	0.88725	0.94401	4.577
91 Aniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

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Curve Type : Average

		0.10000	0.50000	1.000	2.500	5.000	10.000	___	
	Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	RRF	% RSD
92	1,2-Diphenylhydrazine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
93	Benzidine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
96	p-Cymene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
97	Caffeine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
98	Retene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
99	Perylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
100	3-beta-Coprostanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
101	Cholesterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
102	beta-Sitosterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
103	Pyridine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$ 1	2-Fluorophenol	+++++	1.16624	1.21032	1.23485	1.23939	1.12366	1.19489	4.123
$ 145	d8-1,4-Dioxane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$ 2	Phenol-d5	+++++	1.54477	1.56457	1.65376	1.64882	1.49908	1.58220	4.261
$ 5	2-Chlorophenol-d4	+++++	1.04320	1.06495	1.09409	1.10852	1.00564	1.06328	3.856
$ 10	1,2-Dichlorobenzene-d4	+++++	0.76472	0.76331	0.76086	0.78564	0.72467	0.75984	2.898
$ 18	Nitrobenzene-d5	+++++	0.54750	0.56702	0.52950	0.55120	0.51935	0.54291	3.453
$ 36	2-Fluorobiphenyl	+++++	1.36728	1.42789	1.43887	1.45990	1.44013	1.42681	2.469
$ 55	2,4,6-Tribromophenol	+++++	0.08607	0.09523	0.09767	0.10011	0.09364	0.09454	5.643
$ 66	Terphenyl-d14	+++++	0.59221	0.62424	0.63231	0.65665	0.60530	0.62214	4.001
$ 85	p-Cresol-d4	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$ 86	Anthracene-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$ 87	Fluoranthene-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$ 88	Dibenz(a,h)anthracene-d14	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$ 89	Diphenyl-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$ 95	D10-1-methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051101.d
Lab Smp Id: ABN 2.5
Inj Date : 11-MAY-2009 12:17
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 2.5
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.027	6.036	(0.764)	184895	2.50000	2.584
$	2 Phenol-d5	99	7.427	7.612	(0.942)	247619	2.50000	2.613
	3 Phenol	94	7.438	7.439	(0.943)	318564	2.50000	2.521
$	5 2-Chlorophenol-d4	132	7.588	7.624	(0.962)	163819	2.50000	2.572
	7 1,3-Dichlorobenzene	146	7.815	7.816	(0.991)	215454	2.50000	2.546
*	8 1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	119785	2.00000	
	9 1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	215977	2.50000	2.461
$	10 1,2-Dichlorobenzene-d4	152	8.161	8.179	(1.035)	113925	2.50000	2.503
	11 Benzyl alcohol	79	8.127	8.127	(1.031)	1098339	12.5000	13.59
	12 1,2-Dichlorobenzene	146	8.179	8.179	(1.037)	193575	2.50000	2.449
	13 2-Methylphenol	108	8.346	8.346	(1.059)	197489	2.50000	2.584
	15 4-Methylphenol	108	8.577	8.577	(1.088)	201277	2.50000	2.576
	16 N-Nitroso-di-n-propylamine	70	8.577	8.577	(1.088)	183544	2.50000	2.511
$	18 Nitrobenzene-d5	82	8.762	8.669	(0.887)	246361	2.50000	2.438

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	
	22 2,4-Dimethylphenol	107	9.400	9.398	(0.951)	236204	2.50000	2.582	
	26 1,2,4-Trichlorobenzene	180	9.822	9.840	(0.994)	128867	2.50000	2.225	
*	27 Naphthalene-d8	136	9.880	9.878	(1.000)	372217	2.00000		(M)
	30 Hexachlorobutadiene	225	10.226	10.243	(1.035)	69811	2.50000	2.316	
$	36 2-Fluorobiphenyl	172	11.662	11.662	(0.917)	328626	2.50000	2.521	
	39 Dimethylphthalate	163	12.371	12.371	(0.973)	339092	2.50000	2.481	
*	42 Acenaphthene-d10	162	12.717	12.717	(1.000)	182713	2.00000		
	50 Diethylphthalate	149	13.528	13.528	(1.064)	347193	2.50000	2.493	
	54 N-Nitrosodiphenylamine	169	13.806	13.805	(0.915)	224553	2.50000	2.607	
$	55 2,4,6-Tribromophenol	330	14.015	14.014	(0.929)	35024	2.50000	2.583	
	57 Hexachlorobenzene	284	14.629	14.628	(0.969)	79951	2.50000	2.548	
	58 Pentachlorophenol	266	14.906	14.905	(0.988)	244403	12.5000	12.67	
*	59 Phenanthrene-d10	188	15.091	15.090	(1.000)	286879	2.00000		
$	66 Terphenyl-d14	244	17.735	17.736	(0.914)	199107	2.50000	2.541	
	67 Butylbenzylphthalate	149	18.603	18.603	(0.958)	250477	2.50000	2.556	
*	69 Chrysene-d12	240	19.413	19.414	(1.000)	251912	2.00000		
*	77 Perylene-d12	264	21.583	21.568	(1.000)	231524	2.00000		
	79 Dibenzo(a,h)anthracene	278	23.230	23.230	(1.076)	262596	2.50000	2.442	
	90 N-Nitrosodimethylamine	74	3.882	3.891	(0.492)	148955	2.50000	2.635	

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051101.d
Lab Smp Id: ABN 2.5
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	119785	0.00
27 Naphthalene-d8	372217	186108	744434	372217	0.00
42 Acenaphthene-d10	182713	91356	365426	182713	0.00
59 Phenanthrene-d10	286879	143440	573758	286879	0.00
69 Chrysene-d12	251912	125956	503824	251912	0.00
77 Perylene-d12	231524	115762	463048	231524	0.00

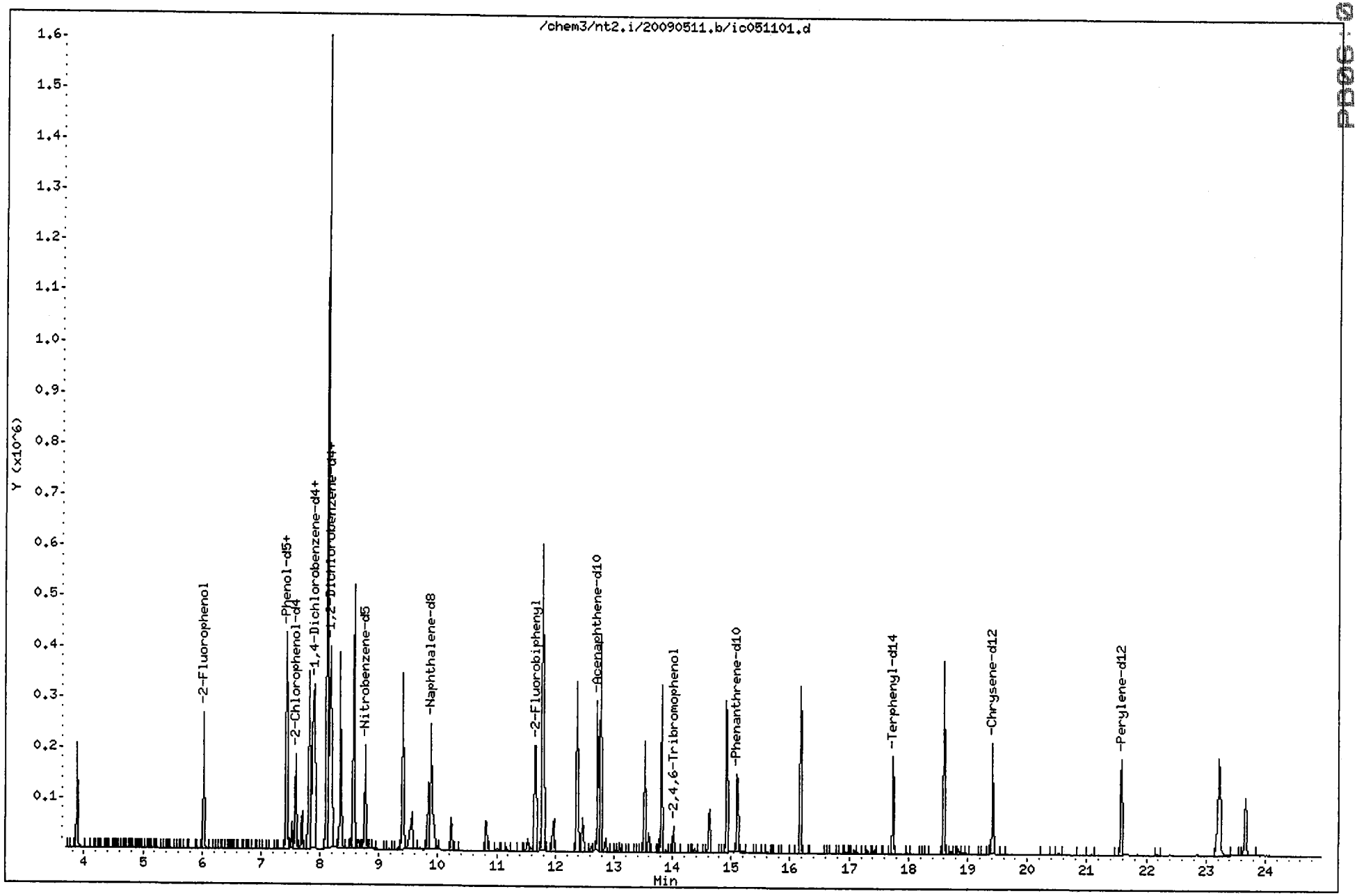
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.88	0.00
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.02
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.00
59 Phenanthrene-d10	15.09	14.59	15.59	15.09	0.01
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.58	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

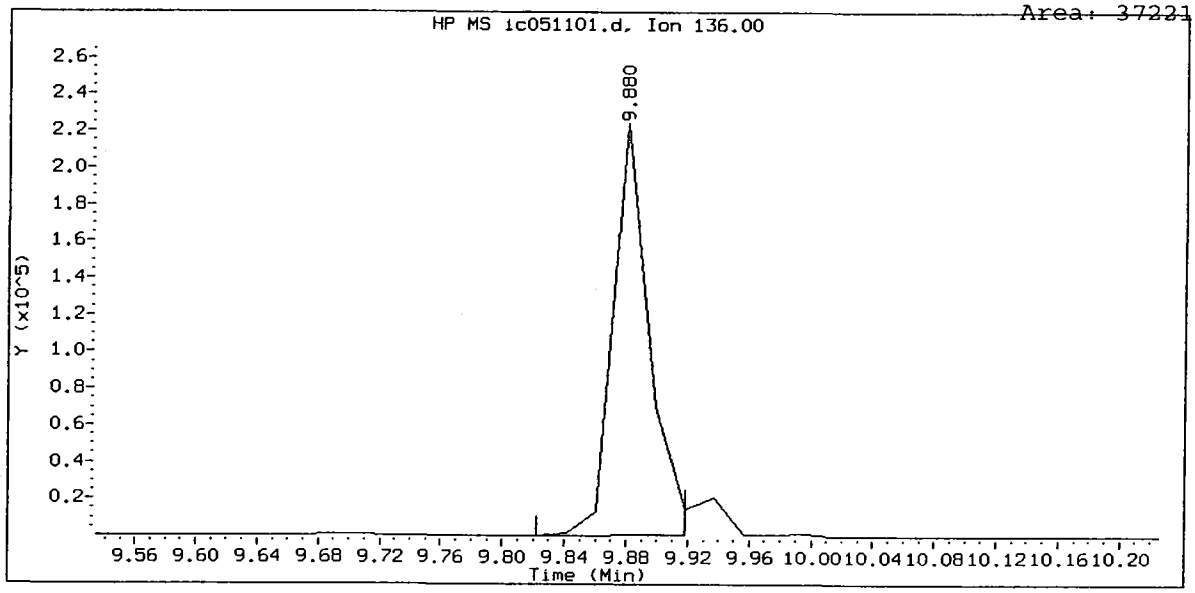
Data File: /chem3/nt2.i/20090511.b/ic051101.d
Date : 11-MAY-2009 12:17
Client ID:
Sample Info: ABN 2.5
Volume Injected (uL): 2.0
Column phase: ZB-5

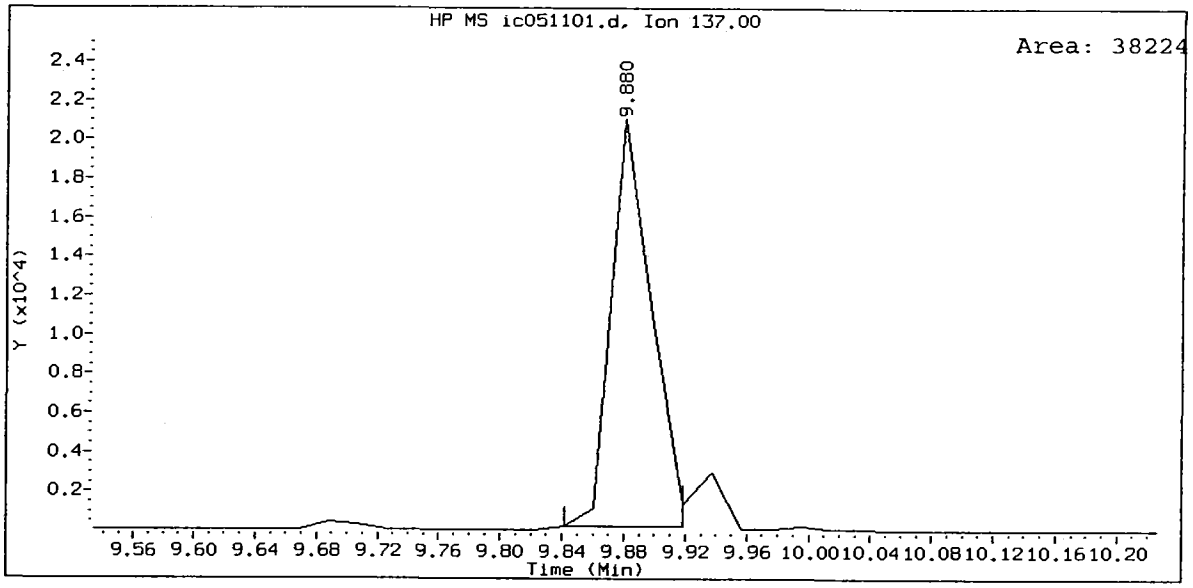
Instrument: nt2.i

Operator: VTS
Column diameter: 0.32



ABN 2.5, /chem3/nt2.i/20090511.b/ic051101.d
Naphthalene-d8 Amount: 2.00





Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051102.d
Lab Smp Id: ABN 10
Inj Date : 11-MAY-2009 12:50
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 10
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 2 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.028	6.036	(0.764)	920409	10.0000	9.404
$	2 Phenol-d5	99	7.438	7.612	(0.943)	1227917	10.0000	9.475
	3 Phenol	94	7.449	7.439	(0.945)	1587495	10.0000	9.185
$	5 2-Chlorophenol-d4	132	7.588	7.624	(0.962)	823732	10.0000	9.458
	7 1,3-Dichlorobenzene	146	7.816	7.816	(0.991)	983207	10.0000	8.494
*	8 1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	163823	2.00000	
	9 1,4-Dichlorobenzene	146	7.903	7.902	(1.002)	1085171	10.0000	9.041
$	10 1,2-Dichlorobenzene-d4	152	8.179	8.179	(1.037)	593588	10.0000	9.537
	11 Benzyl alcohol	79	8.145	8.127	(1.033)	5081622	50.0000	45.97
	12 1,2-Dichlorobenzene	146	8.197	8.179	(1.039)	962815	10.0000	8.908
	13 2-Methylphenol	108	8.362	8.346	(1.060)	955300	10.0000	9.139
	15 4-Methylphenol	108	8.577	8.577	(1.088)	998466	10.0000	9.342
	16 N-Nitroso-di-n-propylamine	70	8.593	8.577	(1.090)	903022	10.0000	9.033
$	18 Nitrobenzene-d5	82	8.777	8.669	(0.887)	1235350	10.0000	9.566

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	22 2,4-Dimethylphenol	107	9.399	9.398	(0.950)	996033	10.0000	8.520
	26 1,2,4-Trichlorobenzene	180	9.841	9.840	(0.994)	716318	10.0000	9.679
*	27 Naphthalene-d8	136	9.898	9.878	(1.000)	475727	2.00000	
	30 Hexachlorobutadiene	225	10.244	10.243	(1.035)	352709	10.0000	9.154
$	36 2-Fluorobiphenyl	172	11.663	11.662	(0.917)	1675288	10.0000	10.09
	39 Dimethylphthalate	163	12.390	12.371	(0.974)	1681157	10.0000	9.660
*	42 Acenaphthene-d10	162	12.718	12.717	(1.000)	232658	2.00000	
	50 Diethylphthalate	149	13.540	13.528	(1.065)	1699693	10.0000	9.583
	54 N-Nitrosodiphenylamine	169	13.818	13.805	(0.915)	1104150	10.0000	9.365
$	55 2,4,6-Tribromophenol	330	14.026	14.014	(0.928)	183881	10.0000	9.905
	57 Hexachlorobenzene	284	14.629	14.628	(0.968)	390165	10.0000	9.084
	58 Pentachlorophenol	266	14.921	14.905	(0.988)	1383513	50.0000	52.38
*	59 Phenanthrene-d10	188	15.106	15.090	(1.000)	392733	2.00000	
$	66 Terphenyl-d14	244	17.736	17.736	(0.913)	1048149	10.0000	9.729
	67 Butylbenzylphthalate	149	18.604	18.603	(0.958)	1317390	10.0000	9.779
*	69 Chrysene-d12	240	19.428	19.414	(1.000)	346324	2.00000	
*	77 Perylene-d12	264	21.582	21.568	(1.000)	314498	2.00000	
	79 Dibenzo(a,h)anthracene	278	23.244	23.230	(1.077)	1443947	10.0000	9.885
	90 N-Nitrosodimethylamine	74	3.899	3.891	(0.494)	726756	10.0000	9.399

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051102.d
Lab Smp Id: ABN 10
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

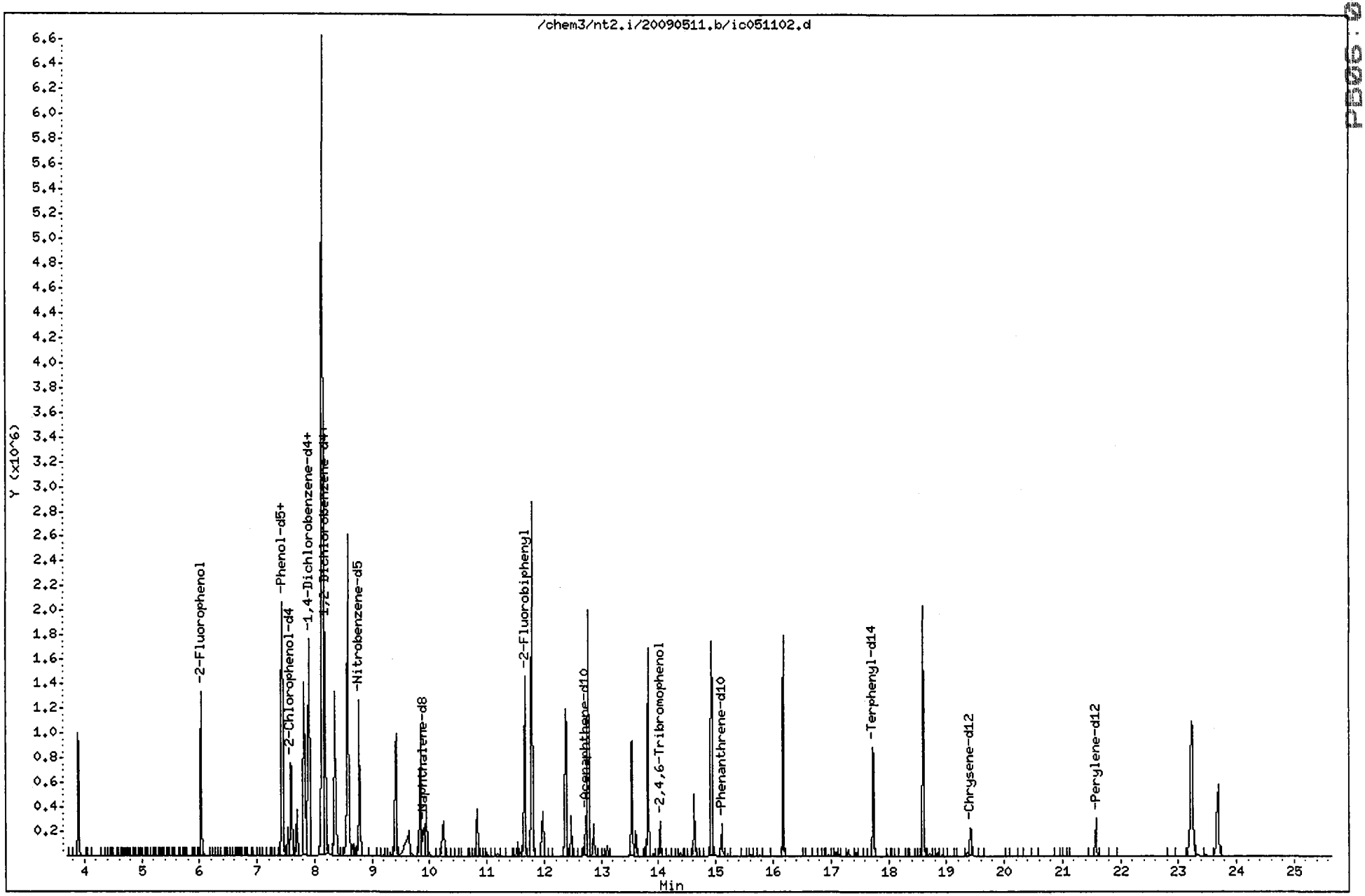
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	163823	36.76
27 Naphthalene-d8	372217	186108	744434	475727	27.81
42 Acenaphthene-d10	182713	91356	365426	232658	27.34
59 Phenanthrene-d10	286879	143440	573758	392733	36.90
69 Chrysene-d12	251912	125956	503824	346324	37.48
77 Perylene-d12	231524	115762	463048	314498	35.84

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.89	0.01
27 Naphthalene-d8	9.88	9.38	10.38	9.90	0.20
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.01
59 Phenanthrene-d10	15.09	14.59	15.59	15.11	0.11
69 Chrysene-d12	19.41	18.91	19.91	19.43	0.07
77 Perylene-d12	21.57	21.07	22.07	21.58	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt2.i/20090511.b/ic051102.d
Date : 11-MAY-2009 12:50
Client ID:
Sample Info: ABN 10
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051103.d
Lab Smp Id: ABN 0.1
Inj Date : 11-MAY-2009 13:23
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 0.1
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.036	6.036	(0.765)	8595	0.10000	0.1112
$	2 Phenol-d5	99	7.426	7.612	(0.942)	11439	0.10000	0.1118
	3 Phenol	94	7.449	7.439	(0.945)	15214	0.10000	0.1115
$	5 2-Chlorophenol-d4	132	7.588	7.624	(0.962)	8008	0.10000	0.1165
	7 1,3-Dichlorobenzene	146	7.816	7.816	(0.991)	10573	0.10000	0.1157
*	8 1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	129315	2.00000	
	9 1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	10994	0.10000	0.1160
$	10 1,2-Dichlorobenzene-d4	152	8.179	8.179	(1.037)	5726	0.10000	0.1165
	11 Benzyl alcohol	79	8.127	8.127	(1.031)	50082	0.50000	0.5739
	12 1,2-Dichlorobenzene	146	8.179	8.179	(1.037)	9971	0.10000	0.1169
	13 2-Methylphenol	108	8.347	8.346	(1.059)	8866	0.10000	0.1074
	15 4-Methylphenol	108	8.578	8.577	(1.088)	8646	0.10000	0.1025
	16 N-Nitroso-di-n-propylamine	70	8.578	8.577	(1.088)	9114	0.10000	0.1155
$	18 Nitrobenzene-d5	82	8.762	8.669	(0.887)	12908	0.10000	0.1300(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	22 2,4-Dimethylphenol	107	9.399	9.398	(0.951)	9259	0.10000	0.1030
	26 1,2,4-Trichlorobenzene	180	9.841	9.840	(0.996)	6610	0.10000	0.1162
*	27 Naphthalene-d8	136	9.879	9.878	(1.000)	365716	2.00000	
	30 Hexachlorobutadiene	225	10.244	10.243	(1.037)	3516	0.10000	0.1187
$	36 2-Fluorobiphenyl	172	11.662	11.662	(0.917)	14466	0.10000	0.1153
	39 Dimethylphthalate	163	12.372	12.371	(0.973)	14074	0.10000	0.1070
*	42 Acenaphthene-d10	162	12.718	12.717	(1.000)	175890	2.00000	
	50 Diethylphthalate	149	13.528	13.528	(1.064)	14518	0.10000	0.1083
	54 N-Nitrosodiphenylamine	169	13.805	13.805	(0.915)	9394	0.10000	0.1038(M)
$	55 2,4,6-Tribromophenol	330	14.025	14.014	(0.929)	1428	0.10000	0.1002(M)
	57 Hexachlorobenzene	284	14.629	14.628	(0.969)	3710	0.10000	0.1125
	58 Pentachlorophenol	266	14.921	14.905	(0.989)	9815	0.50000	0.4839
*	59 Phenanthrene-d10	188	15.090	15.090	(1.000)	301577	2.00000	
$	66 Terphenyl-d14	244	17.736	17.736	(0.914)	9009	0.10000	0.1074
	67 Butylbenzylphthalate	149	18.604	18.603	(0.958)	10800	0.10000	0.1030
*	69 Chrysene-d12	240	19.414	19.414	(1.000)	269577	2.00000	
*	77 Perylene-d12	264	21.569	21.568	(1.000)	249669	2.00000	
	79 Dibenzo(a,h)anthracene	278	23.231	23.230	(1.077)	10660	0.10000	0.09192
	90 N-Nitrosodimethylamine	74	3.899	3.891	(0.494)	6588	0.10000	0.1079

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051103.d
Lab Smp Id: ABN 0.1
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

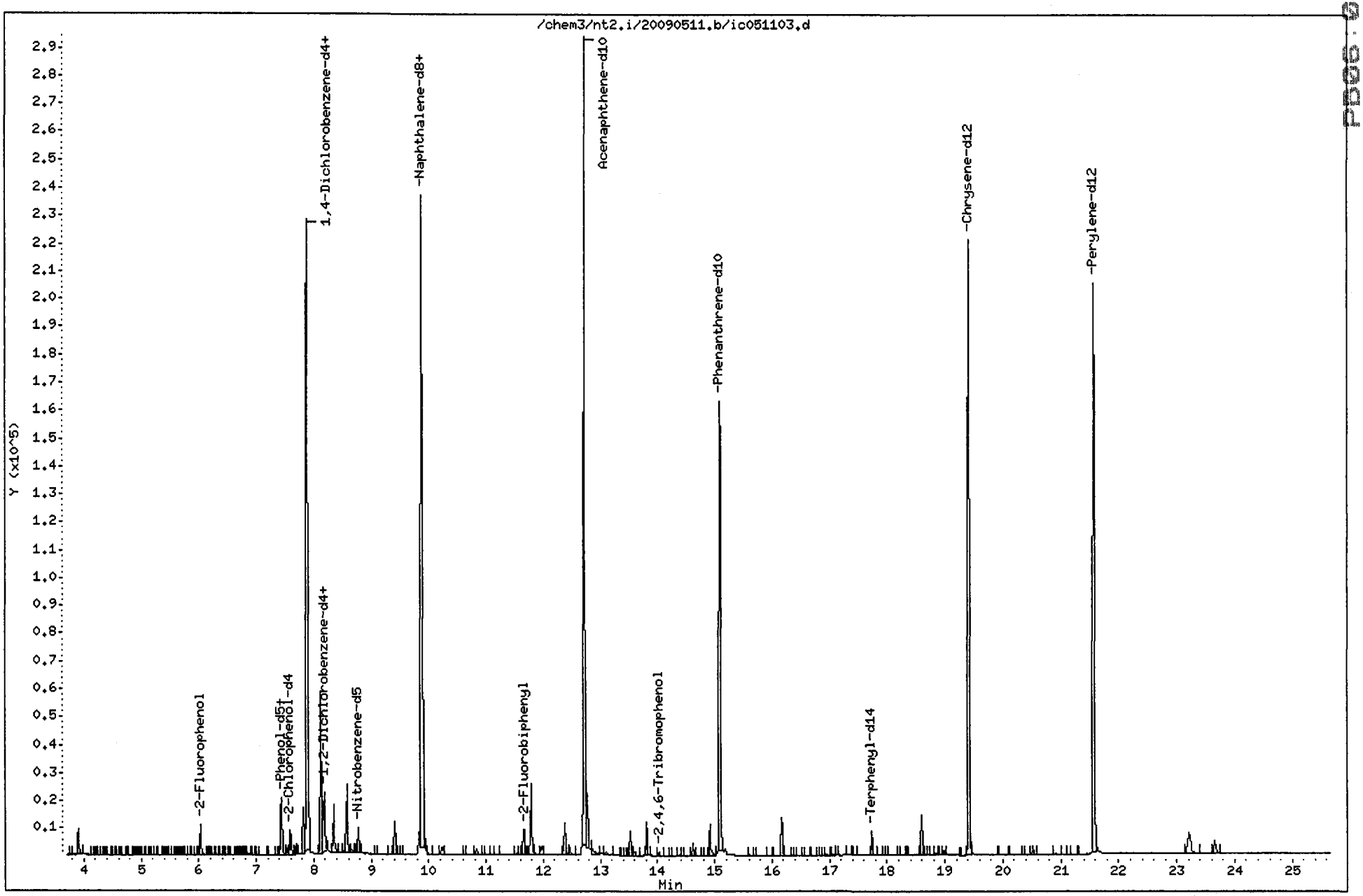
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	129315	7.96
27 Naphthalene-d8	372217	186108	744434	365716	-1.75
42 Acenaphthene-d10	182713	91356	365426	175890	-3.73
59 Phenanthrene-d10	286879	143440	573758	301577	5.12
69 Chrysene-d12	251912	125956	503824	269577	7.01
77 Perylene-d12	231524	115762	463048	249669	7.84

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.89	0.00
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.01
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.00
59 Phenanthrene-d10	15.09	14.59	15.59	15.09	0.00
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.57	0.00

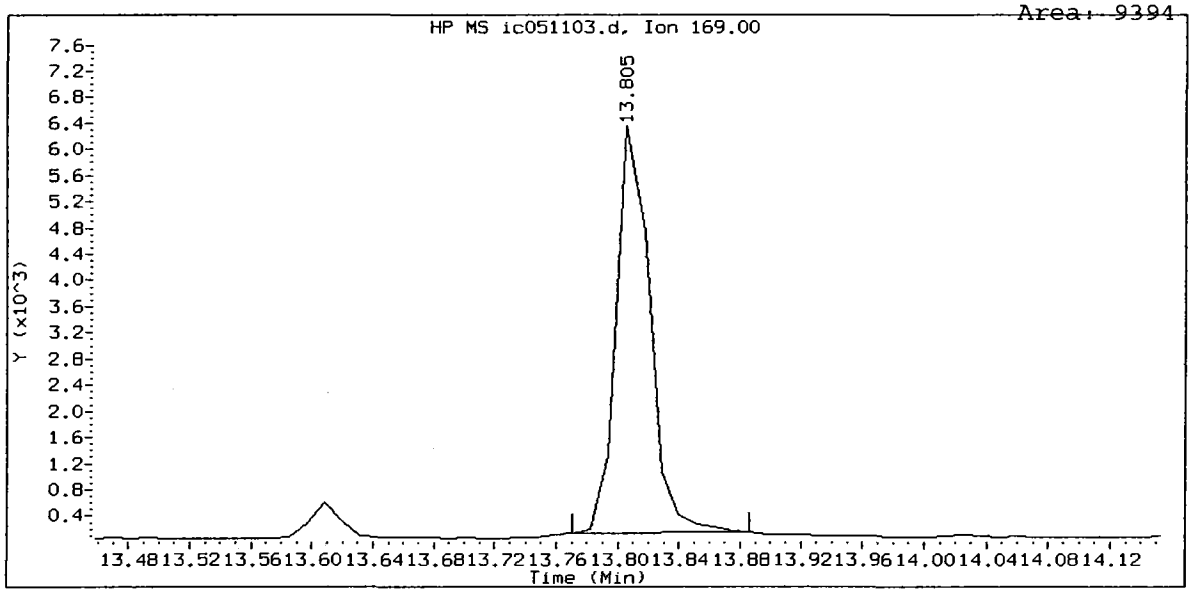
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

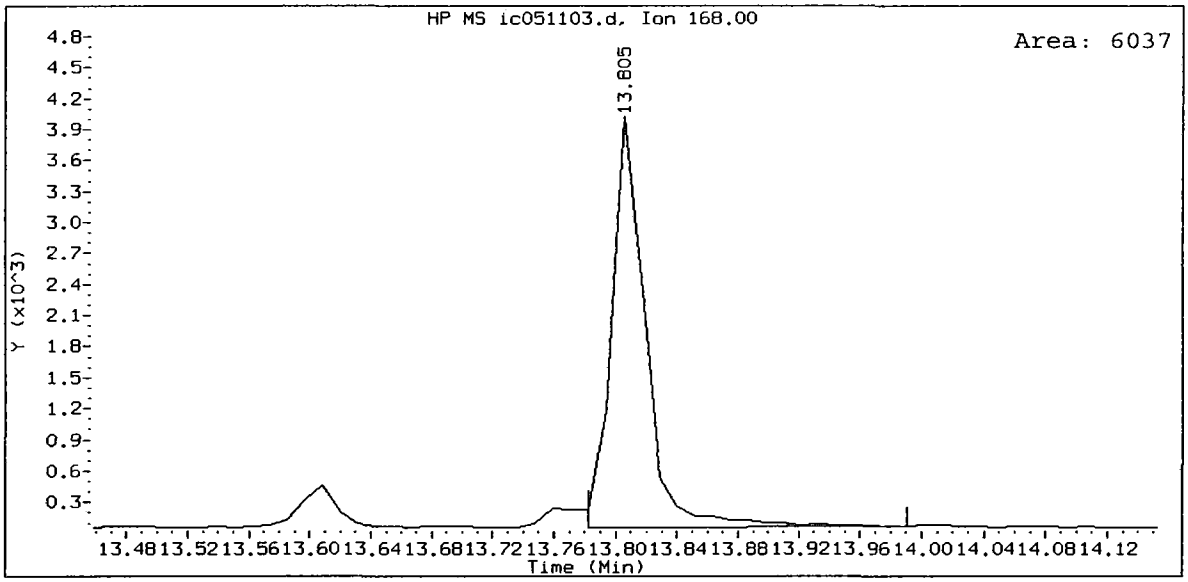
Data File: /chem3/nt2.i/20090511.b/ic051103.d
Date : 11-MAY-2009 13:23
Client ID:
Sample Info: ABN 0.1
Volume Injected (uL): 2.0
Column phase: ZB-5

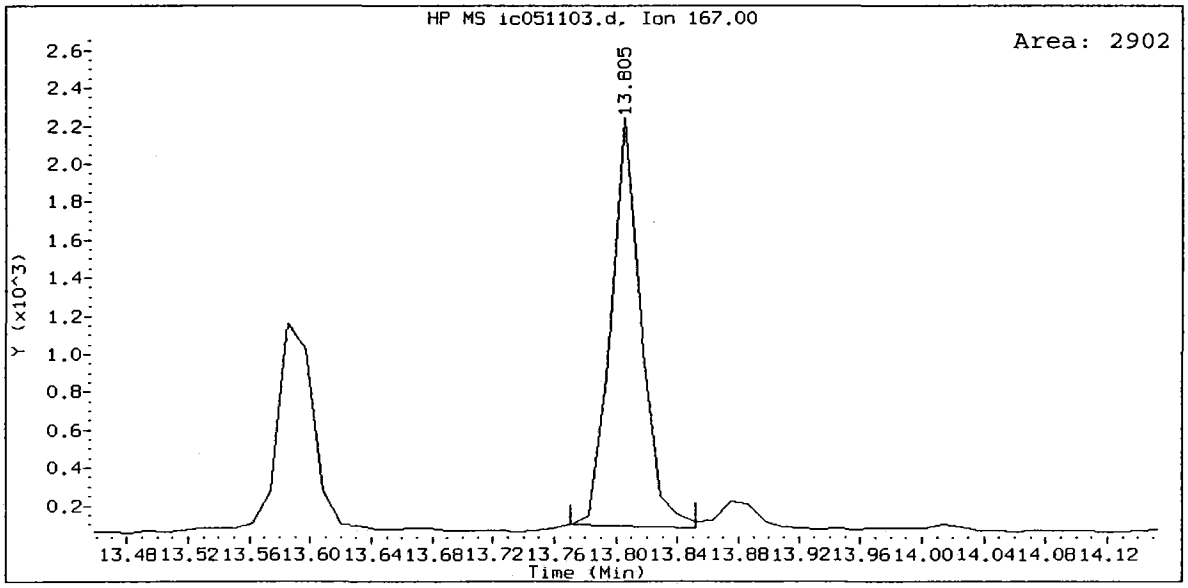
Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



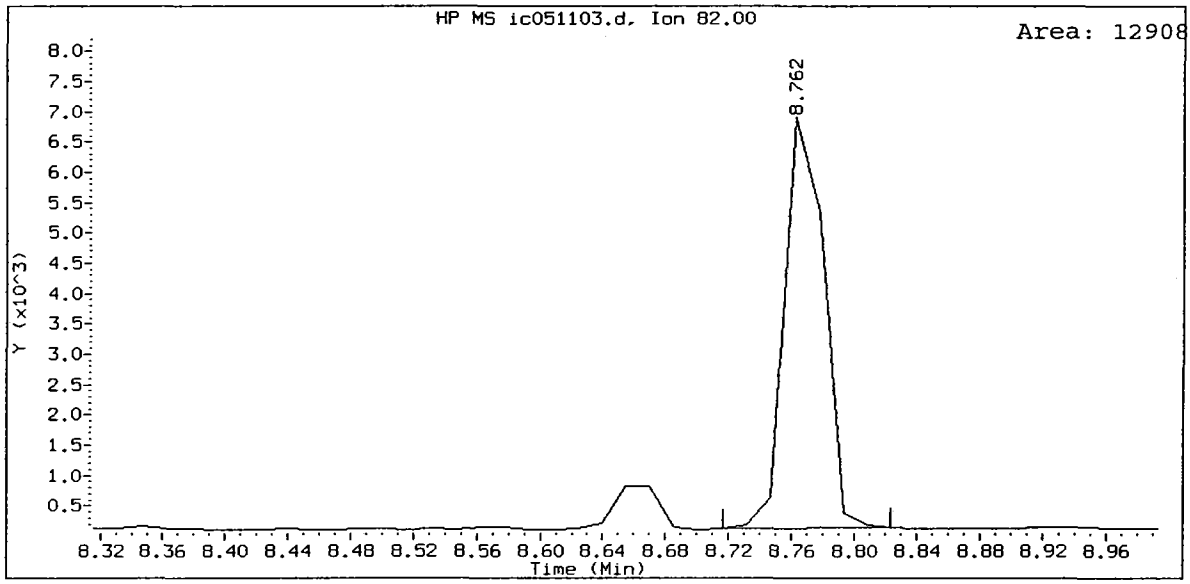
ABN 0.1, /chem3/nt2.i/20090511.b/ic051103.d
N-Nitrosodiphenylamine Amount: 0.10

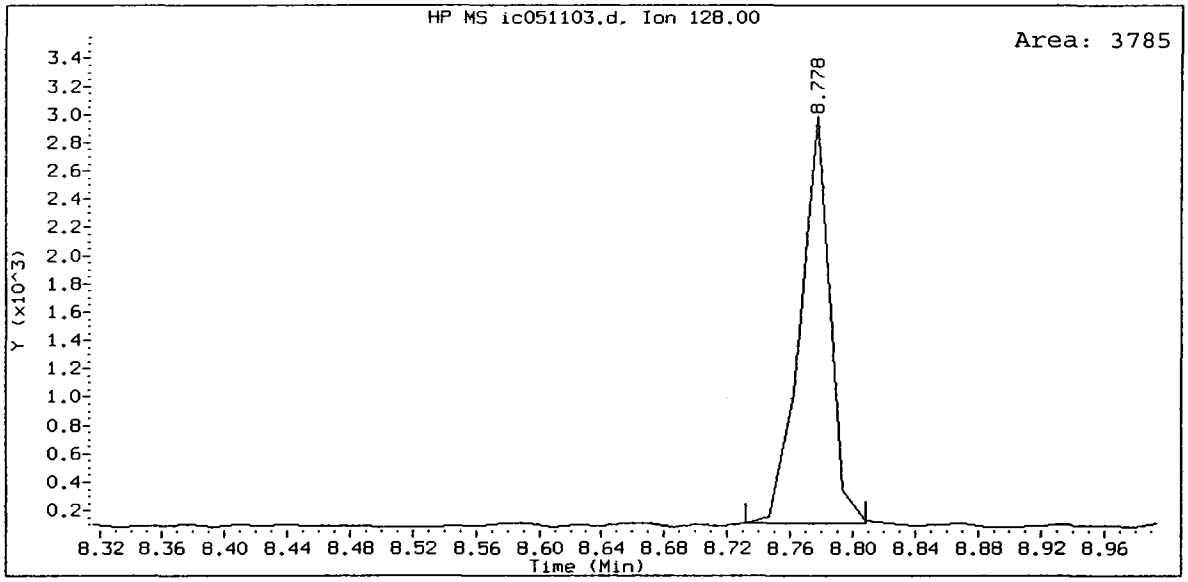




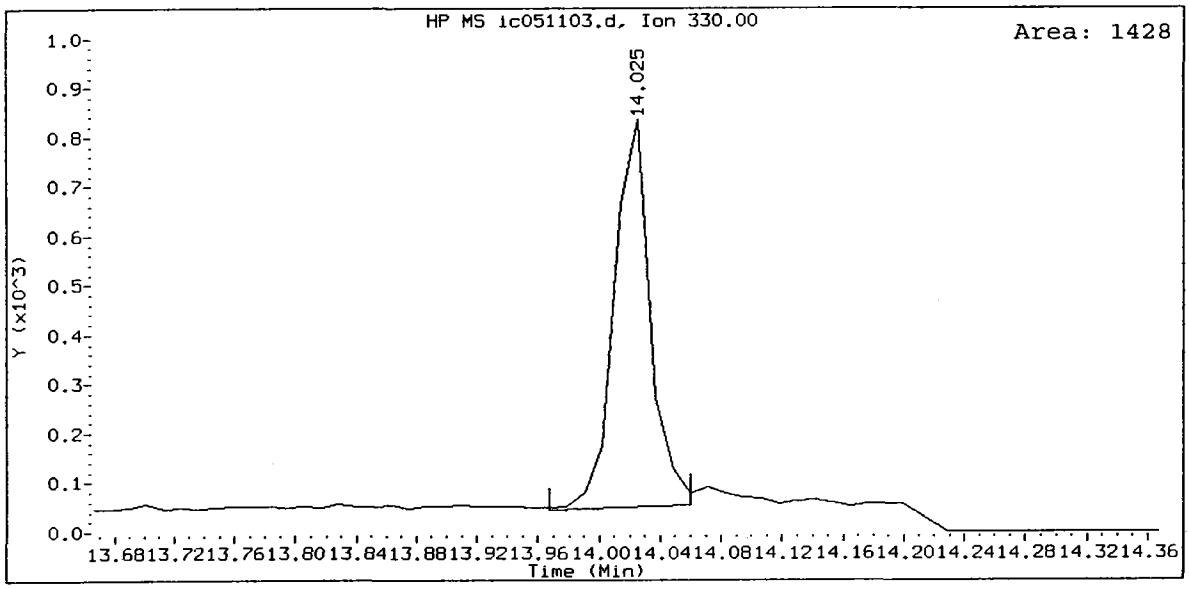


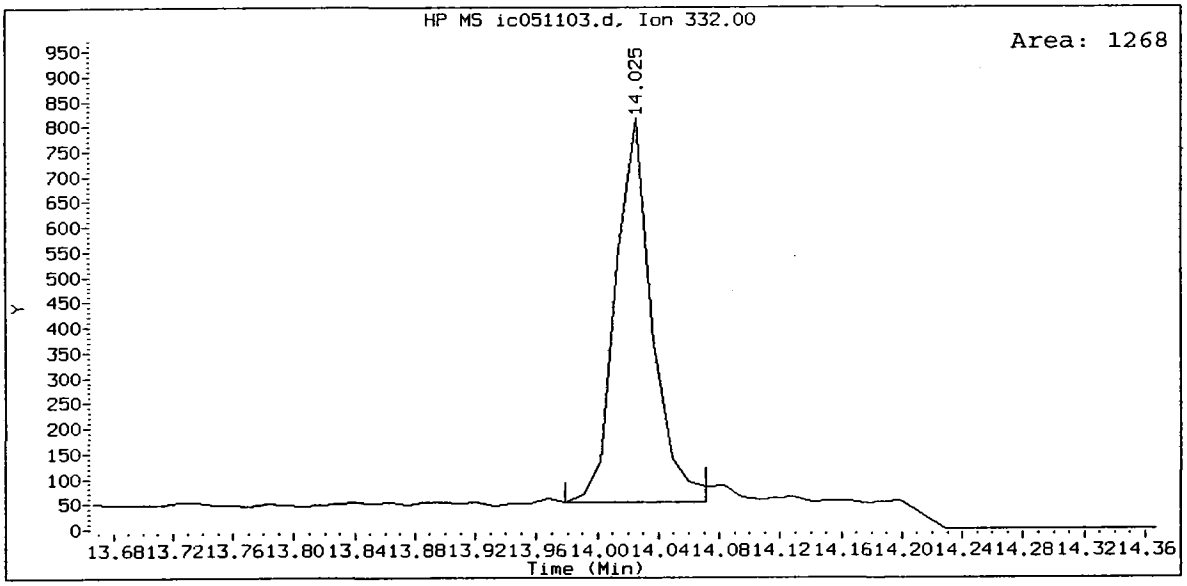
ABN 0.1, /chem3/nt2.i/20090511.b/ic051103.d
Nitrobenzene-d5 Amount: 0.13

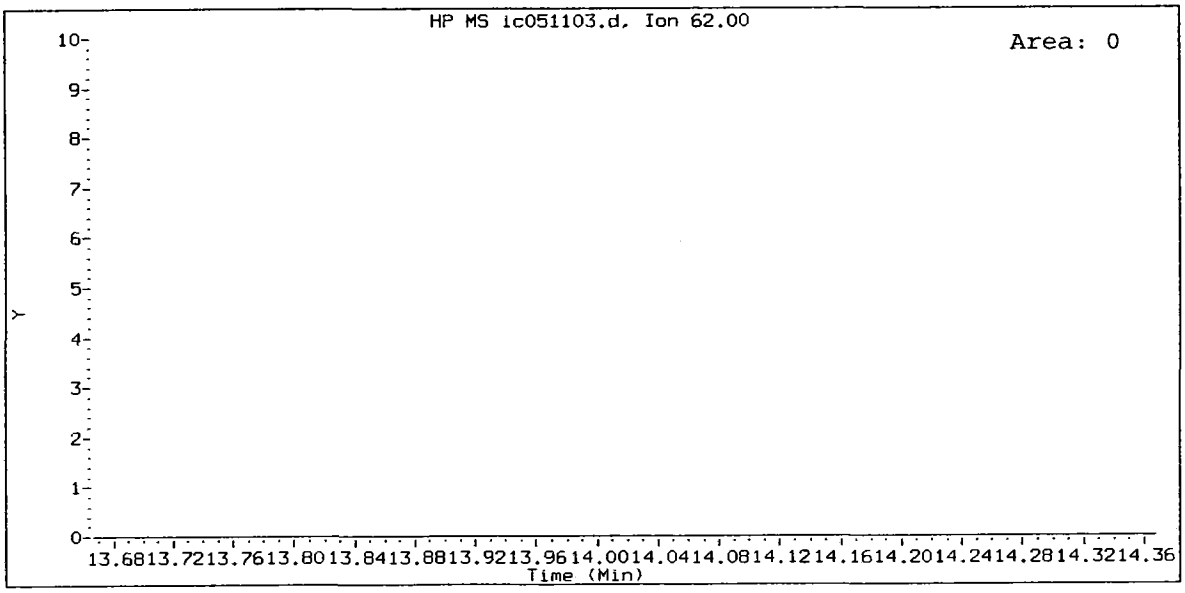




ABN 0.1, /chem3/nt2.i/20090511.b/ic051103.d
2,4,6-Tribromophenol Amount: 0.10







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051104.d
Lab Smp Id: ABN 5
Inj Date : 11-MAY-2009 13:57
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 5
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 4 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.027	6.036	(0.764)	439530	5.00000	5.186
$	2 Phenol-d5	99	7.438	7.612	(0.943)	584729	5.00000	5.211
	3 Phenol	94	7.449	7.439	(0.945)	760615	5.00000	5.082
$	5 2-Chlorophenol-d4	132	7.588	7.624	(0.962)	393119	5.00000	5.213
	7 1,3-Dichlorobenzene	146	7.816	7.816	(0.991)	486387	5.00000	4.853
*	8 1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	141854	2.00000	
	9 1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	517814	5.00000	4.982
$	10 1,2-Dichlorobenzene-d4	152	8.179	8.179	(1.037)	278614	5.00000	5.170
	11 Benzyl alcohol	79	8.127	8.127	(1.031)	2199381	25.0000	22.98
	12 1,2-Dichlorobenzene	146	8.196	8.179	(1.039)	456653	5.00000	4.879
	13 2-Methylphenol	108	8.347	8.346	(1.059)	453224	5.00000	5.007
	15 4-Methylphenol	108	8.578	8.577	(1.088)	493722	5.00000	5.335
	16 N-Nitroso-di-n-propylamine	70	8.578	8.577	(1.088)	424614	5.00000	4.905
$	18 Nitrobenzene-d5	82	8.778	8.669	(0.888)	587728	5.00000	5.076

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	
	22 2,4-Dimethylphenol	107	9.399	9.398	(0.951)	512330	5.00000	4.888	
	26 1,2,4-Trichlorobenzene	180	9.841	9.840	(0.996)	336314	5.00000	5.069	
*	27 Naphthalene-d8	136	9.880	9.878	(1.000)	426510	2.00000		(M)
	30 Hexachlorobutadiene	225	10.245	10.243	(1.037)	170751	5.00000	4.943	
$	36 2-Fluorobiphenyl	172	11.663	11.662	(0.917)	765982	5.00000	5.116	
	39 Dimethylphthalate	163	12.372	12.371	(0.973)	779859	5.00000	4.968	
*	42 Acenaphthene-d10	162	12.718	12.717	(1.000)	209873	2.00000		
	50 Diethylphthalate	149	13.528	13.528	(1.064)	823046	5.00000	5.144	
	54 N-Nitrosodiphenylamine	169	13.806	13.805	(0.914)	525799	5.00000	5.211	
$	55 2,4,6-Tribromophenol	330	14.014	14.014	(0.928)	84118	5.00000	5.294	
	57 Hexachlorobenzene	284	14.629	14.628	(0.968)	184452	5.00000	5.018	
	58 Pentachlorophenol	266	14.921	14.905	(0.988)	642905	25.0000	28.44	
*	59 Phenanthrene-d10	188	15.106	15.090	(1.000)	336119	2.00000		
$	66 Terphenyl-d14	244	17.736	17.736	(0.914)	494779	5.00000	5.277	
	67 Butylbenzylphthalate	149	18.604	18.603	(0.958)	615577	5.00000	5.251	
*	69 Chrysene-d12	240	19.414	19.414	(1.000)	301395	2.00000		
*	77 Perylene-d12	264	21.584	21.568	(1.000)	274183	2.00000		
	79 Dibenzo(a,h)anthracene	278	23.231	23.230	(1.076)	688109	5.00000	5.403	
	90 N-Nitrosodimethylamine	74	3.889	3.891	(0.493)	346801	5.00000	5.180	

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051104.d
Lab Smp Id: ABN 5
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

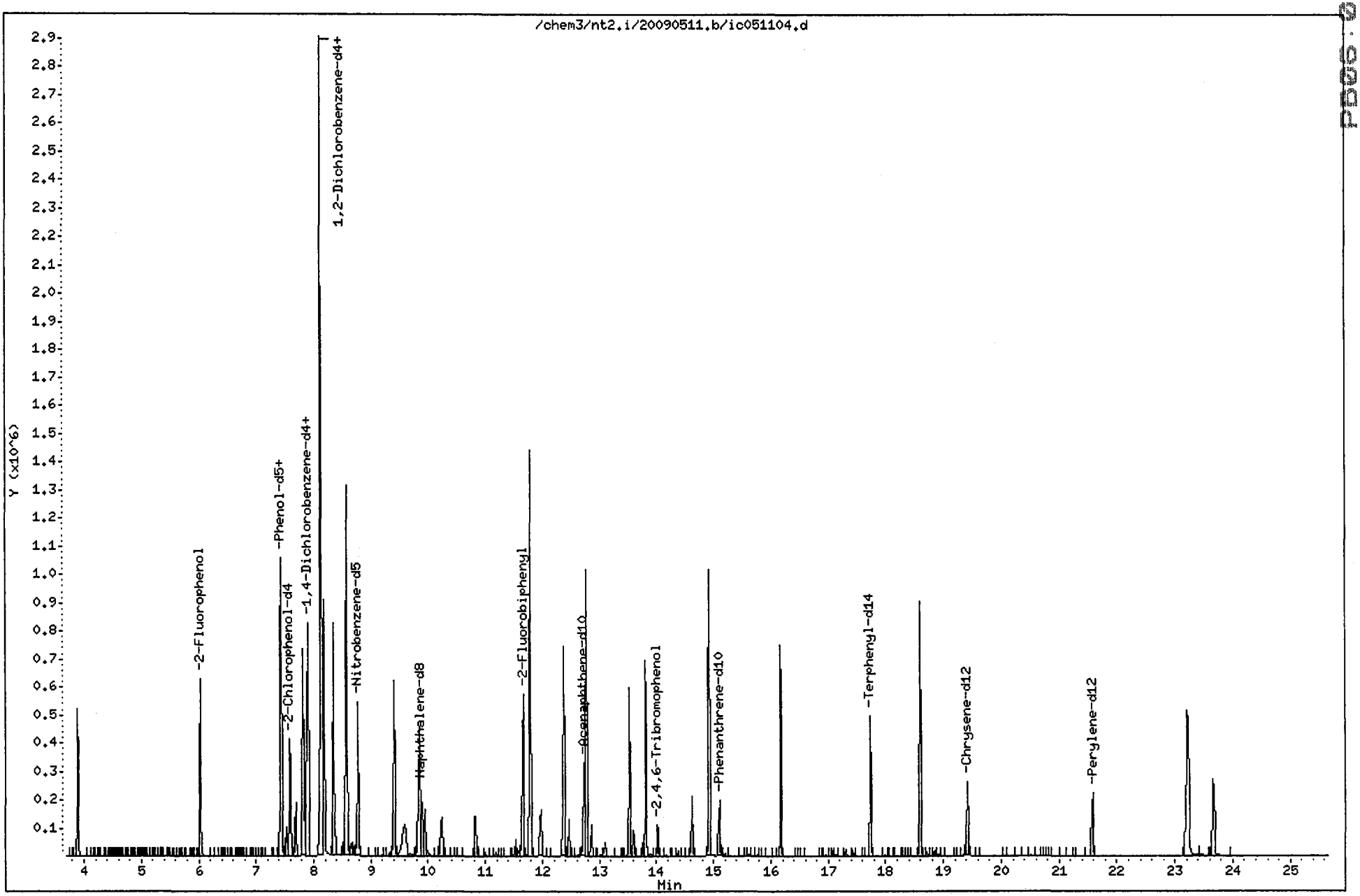
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	141854	18.42
27 Naphthalene-d8	372217	186108	744434	426510	14.59
42 Acenaphthene-d10	182713	91356	365426	209873	14.86
59 Phenanthrene-d10	286879	143440	573758	336119	17.16
69 Chrysene-d12	251912	125956	503824	301395	19.64
77 Perylene-d12	231524	115762	463048	274183	18.43

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.89	0.00
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.01
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.01
59 Phenanthrene-d10	15.09	14.59	15.59	15.11	0.11
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.58	0.07

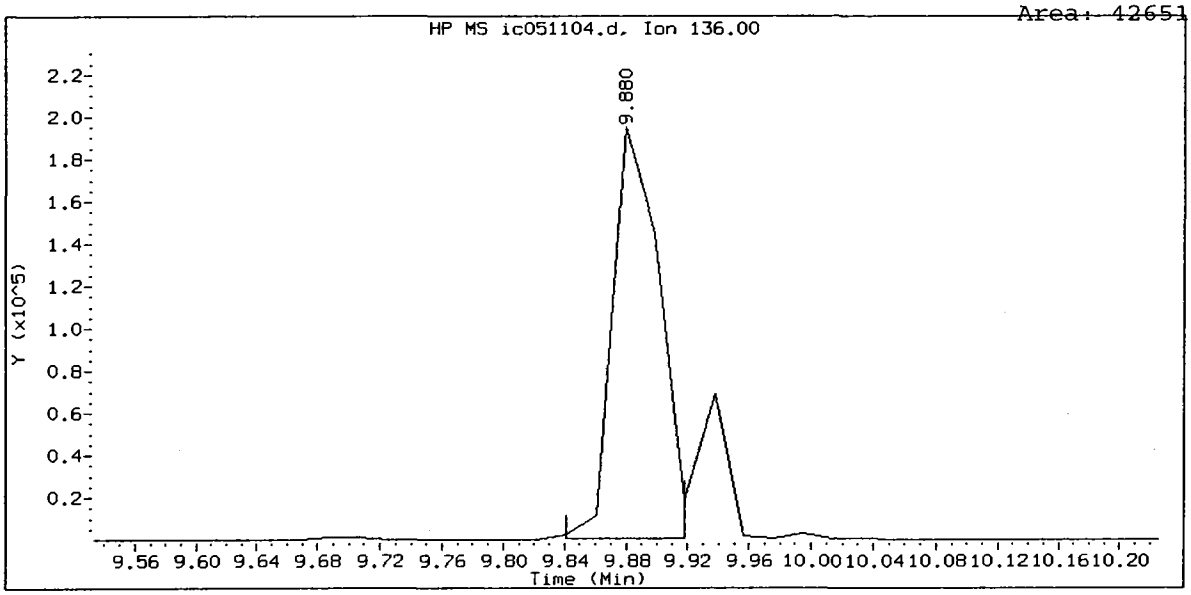
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

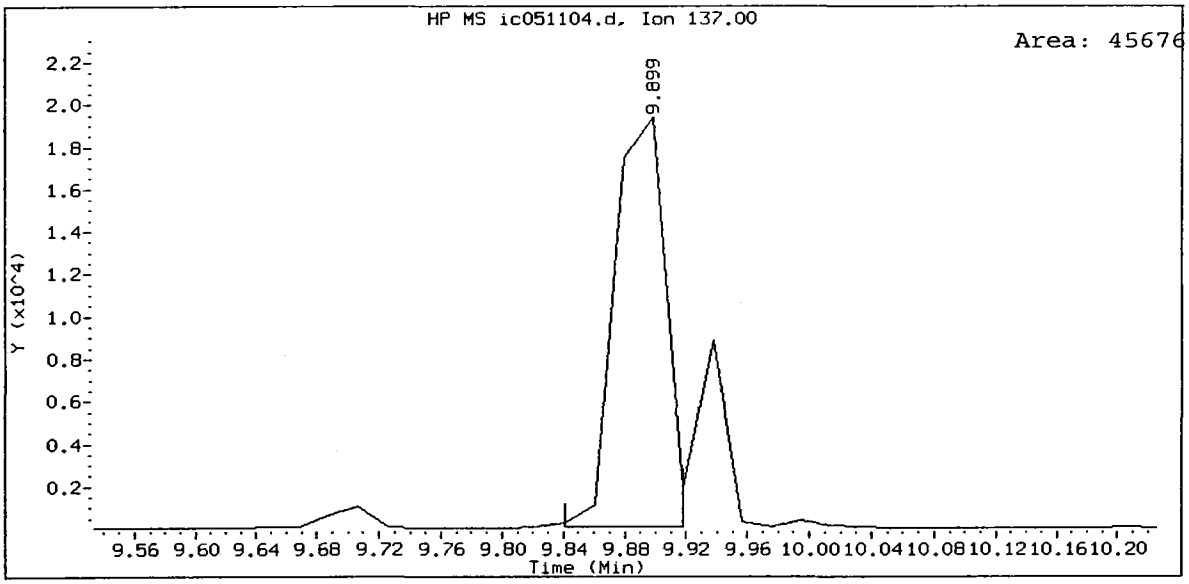
Data File: /chem3/nt2.i/20090511.b/ic051104.d
Date : 11-MAY-2009 13:57
Client ID:
Sample Info: ABN 5
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



ABN 5, /chem3/nt2.i/20090511.b/ic051104.d
Naphthalene-d8 Amount: 2.00





Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051105.d
Lab Smp Id: ABN 0.5
Inj Date : 11-MAY-2009 14:32
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 0.5
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.028	6.036	(0.765)	38805	0.50000	0.4880
$	2 Phenol-d5	99	7.426	7.612	(0.942)	51400	0.50000	0.4882
	3 Phenol	94	7.438	7.439	(0.943)	67767	0.50000	0.4826
$	5 2-Chlorophenol-d4	132	7.588	7.624	(0.962)	34711	0.50000	0.4906
	7 1,3-Dichlorobenzene	146	7.815	7.816	(0.991)	46465	0.50000	0.4941
*	8 1,4-Dichlorobenzene-d4	152	7.884	7.885	(1.000)	133094	2.00000	
	9 1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	47570	0.50000	0.4878
$	10 1,2-Dichlorobenzene-d4	152	8.178	8.179	(1.037)	25445	0.50000	0.5032
	11 Benzyl alcohol	79	8.126	8.127	(1.031)	212125	2.50000	2.362
	12 1,2-Dichlorobenzene	146	8.178	8.179	(1.037)	43436	0.50000	0.4946
	13 2-Methylphenol	108	8.346	8.346	(1.059)	41492	0.50000	0.4886
	15 4-Methylphenol	108	8.577	8.577	(1.088)	41450	0.50000	0.4774
	16 N-Nitroso-di-n-propylamine	70	8.577	8.577	(1.088)	39423	0.50000	0.4854
$	18 Nitrobenzene-d5	82	8.762	8.669	(0.887)	53125	0.50000	0.5042

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	22 2,4-Dimethylphenol	107	9.400	9.398	(0.951)	49508	0.50000	0.5190
	26 1,2,4-Trichlorobenzene	180	9.822	9.840	(0.994)	28992	0.50000	0.4801
*	27 Naphthalene-d8	136	9.880	9.878	(1.000)	388129	2.00000	
	30 Hexachlorobutadiene	225	10.226	10.243	(1.035)	15482	0.50000	0.4925
$	36 2-Fluorobiphenyl	172	11.646	11.662	(0.916)	67512	0.50000	0.4791
	39 Dimethylphthalate	163	12.373	12.371	(0.973)	70258	0.50000	0.4756
*	42 Acenaphthene-d10	162	12.719	12.717	(1.000)	197507	2.00000	
	50 Diethylphthalate	149	13.517	13.528	(1.063)	71195	0.50000	0.4728
	54 N-Nitrosodiphenylamine	169	13.806	13.805	(0.915)	45277	0.50000	0.4699
$	55 2,4,6-Tribromophenol	330	14.015	14.014	(0.929)	6906	0.50000	0.4552
	57 Hexachlorobenzene	284	14.629	14.628	(0.969)	16817	0.50000	0.4791
	58 Pentachlorophenol	266	14.907	14.905	(0.988)	46883	2.50000	2.172
*	59 Phenanthrene-d10	188	15.091	15.090	(1.000)	320964	2.00000	
$	66 Terphenyl-d14	244	17.735	17.736	(0.914)	41676	0.50000	0.4759
	67 Butylbenzylphthalate	149	18.603	18.603	(0.958)	50795	0.50000	0.4639
*	69 Chrysene-d12	240	19.413	19.414	(1.000)	281495	2.00000	
*	77 Perylene-d12	264	21.568	21.568	(1.000)	255895	2.00000	
	79 Dibenzo(a,h)anthracene	278	23.215	23.230	(1.076)	58832	0.50000	0.4950
	90 N-Nitrosodimethylamine	74	3.891	3.891	(0.494)	30684	0.50000	0.4884

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051105.d
Lab Smp Id: ABN 0.5
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	133094	11.11
27 Naphthalene-d8	372217	186108	744434	388129	4.27
42 Acenaphthene-d10	182713	91356	365426	197507	8.10
59 Phenanthrene-d10	286879	143440	573758	320964	11.88
69 Chrysene-d12	251912	125956	503824	281495	11.74
77 Perylene-d12	231524	115762	463048	255895	10.53

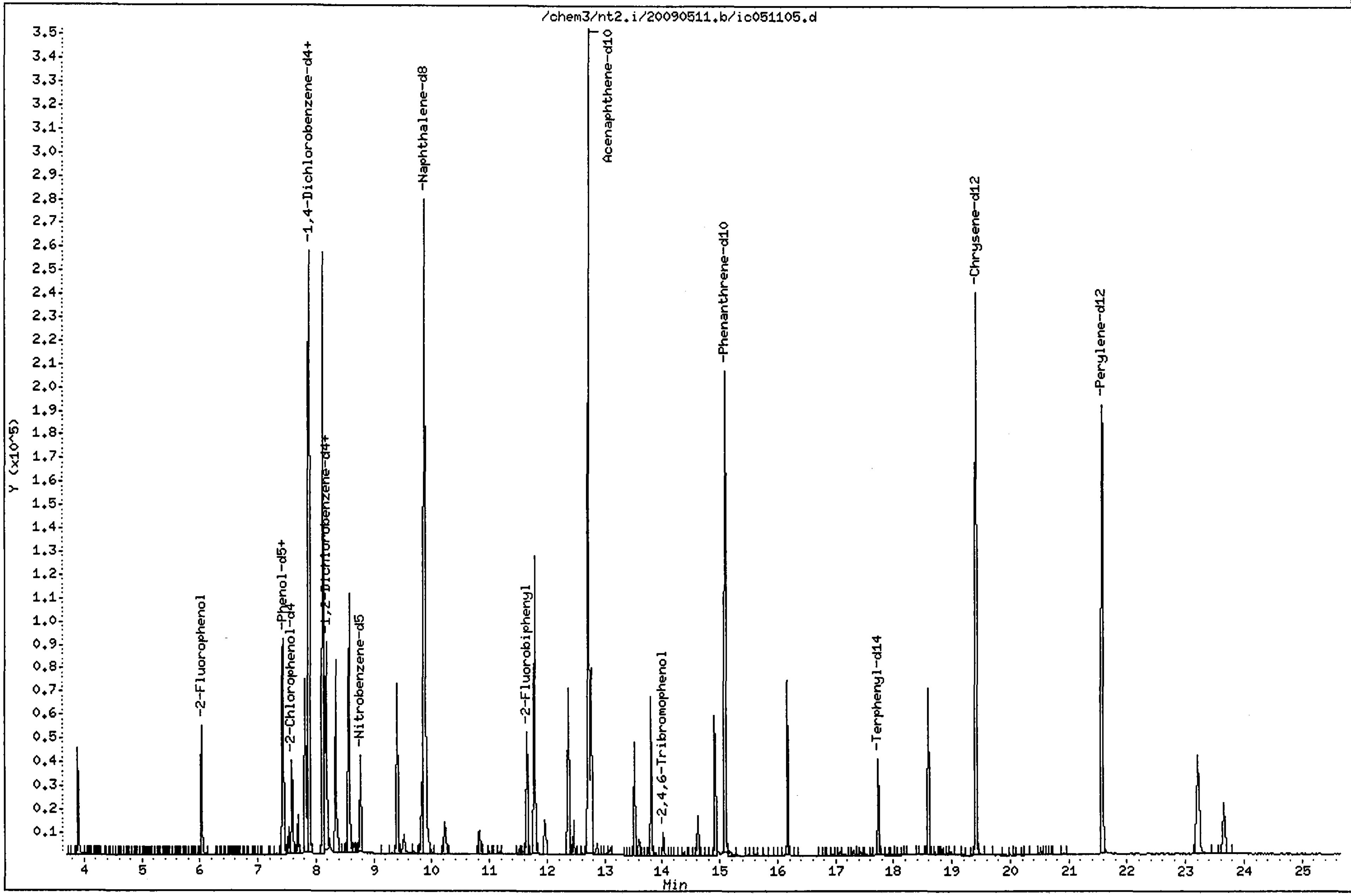
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.88	-0.01
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.02
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.01
59 Phenanthrene-d10	15.09	14.59	15.59	15.09	0.01
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.57	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt2.i/20090511.b/ic051105.d
Date : 11-MAY-2009 14:32
Client ID:
Sample Info: ABN 0.5
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051106.d
Lab Smp Id: ABN 1
Inj Date : 11-MAY-2009 15:06
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 1
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.027	6.036	(0.764)	85527	1.00000	1.013
$	2 Phenol-d5	99	7.426	7.612	(0.942)	110560	1.00000	0.9889
	3 Phenol	94	7.438	7.439	(0.943)	145607	1.00000	0.9765
$	5 2-Chlorophenol-d4	132	7.588	7.624	(0.962)	75255	1.00000	1.002
	7 1,3-Dichlorobenzene	146	7.815	7.816	(0.991)	101507	1.00000	1.016
*	8 1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	141330	2.00000	
	9 1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	101401	1.00000	0.9792
$	10 1,2-Dichlorobenzene-d4	152	8.179	8.179	(1.037)	53939	1.00000	1.005
	11 Benzyl alcohol	79	8.127	8.127	(1.031)	468161	5.00000	4.909
	12 1,2-Dichlorobenzene	146	8.179	8.179	(1.037)	92859	1.00000	0.9958
	13 2-Methylphenol	108	8.346	8.346	(1.059)	90144	1.00000	0.9996
	15 4-Methylphenol	108	8.577	8.577	(1.088)	91180	1.00000	0.9889
	16 N-Nitroso-di-n-propylamine	70	8.577	8.577	(1.088)	85014	1.00000	0.9857
$	18 Nitrobenzene-d5	82	8.761	8.669	(0.887)	116010	1.00000	1.044

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	22 2,4-Dimethylphenol	107	9.399	9.398	(0.951)	107520	1.00000	1.069
	26 1,2,4-Trichlorobenzene	180	9.841	9.840	(0.996)	64056	1.00000	1.006
*	27 Naphthalene-d8	136	9.880	9.878	(1.000)	409195	2.00000	
	30 Hexachlorobutadiene	225	10.245	10.243	(1.037)	33071	1.00000	0.9978
$	36 2-Fluorobiphenyl	172	11.646	11.662	(0.916)	150000	1.00000	1.001
	39 Dimethylphthalate	163	12.372	12.371	(0.973)	161393	1.00000	1.027
*	42 Acenaphthene-d10	162	12.718	12.717	(1.000)	210100	2.00000	
	50 Diethylphthalate	149	13.517	13.528	(1.063)	158145	1.00000	0.9874
	54 N-Nitrosodiphenylamine	169	13.806	13.805	(0.915)	99297	1.00000	1.001
$	55 2,4,6-Tribromophenol	330	14.015	14.014	(0.929)	15729	1.00000	1.007
	57 Hexachlorobenzene	284	14.630	14.628	(0.969)	35612	1.00000	0.9857
	58 Pentachlorophenol	266	14.907	14.905	(0.988)	107229	5.00000	4.826
*	59 Phenanthrene-d10	188	15.091	15.090	(1.000)	330345	2.00000	
$	66 Terphenyl-d14	244	17.736	17.736	(0.914)	89266	1.00000	1.003
	67 Butylbenzylphthalate	149	18.604	18.603	(0.958)	110331	1.00000	0.9918
*	69 Chrysene-d12	240	19.413	19.414	(1.000)	285999	2.00000	
*	77 Perylene-d12	264	21.567	21.568	(1.000)	270022	2.00000	
	79 Dibenzo(a,h)anthracene	278	23.214	23.230	(1.076)	131052	1.00000	1.045
	90 N-Nitrosodimethylamine	74	3.890	3.891	(0.493)	66277	1.00000	0.9935

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051106.d
Lab Smp Id: ABN 1
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

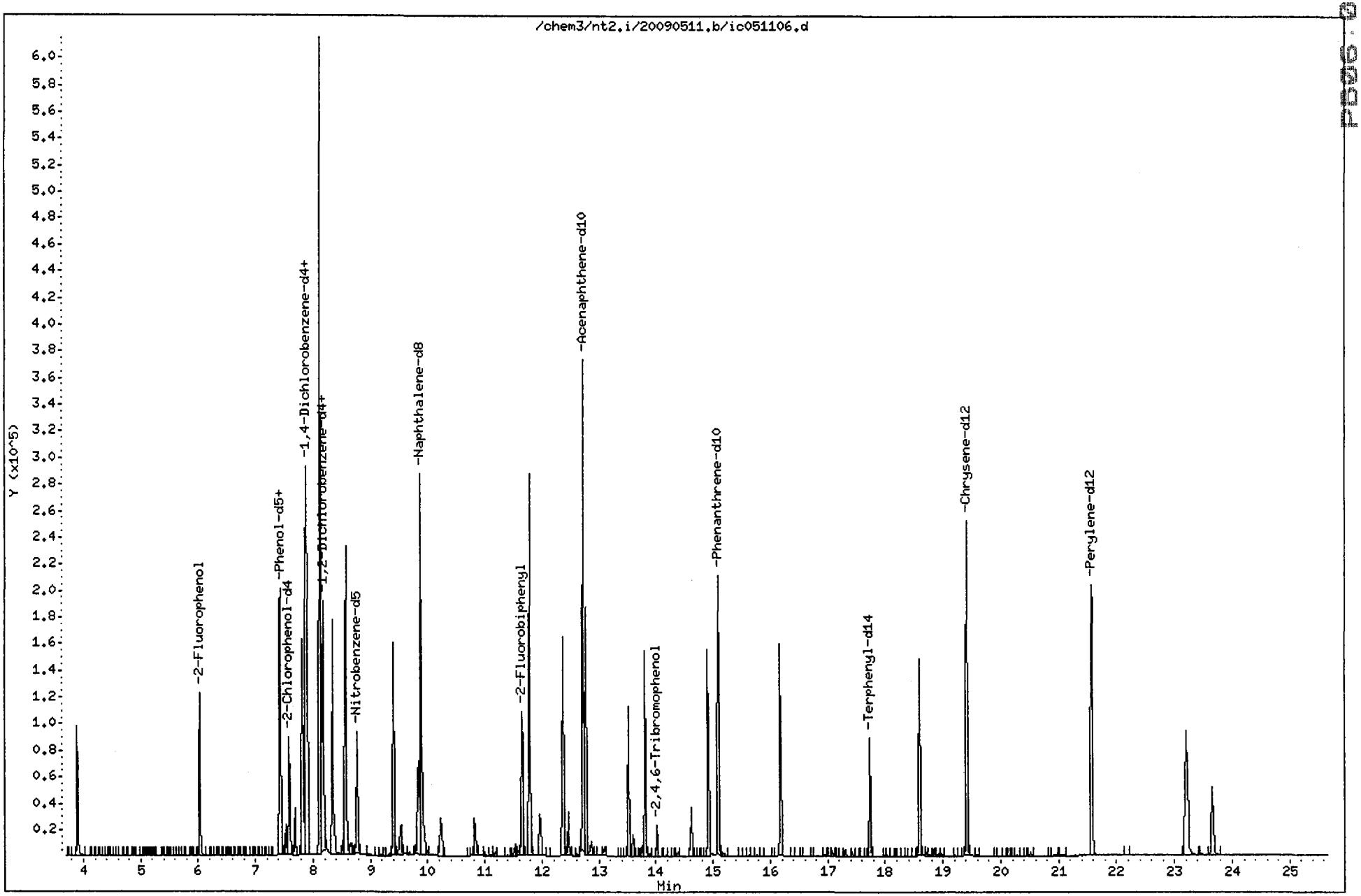
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	141330	17.99
27 Naphthalene-d8	372217	186108	744434	409195	9.93
42 Acenaphthene-d10	182713	91356	365426	210100	14.99
59 Phenanthrene-d10	286879	143440	573758	330345	15.15
69 Chrysene-d12	251912	125956	503824	285999	13.53
77 Perylene-d12	231524	115762	463048	270022	16.63

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.88	0.00
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.01
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.01
59 Phenanthrene-d10	15.09	14.59	15.59	15.09	0.01
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.57	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt2.i/20090511.b/ic051106.d
Date : 11-MAY-2009 15:06
Client ID:
Sample Info: ABN 1
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051107.d
Lab Smp Id: ICV
Inj Date : 11-MAY-2009 15:40
Operator : VTS Inst ID: nt2.i
Smp Info : ICV
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 7 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
$	1 2-Fluorophenol	112	Compound Not Detected.					
$	2 Phenol-d5	99	7.612	7.612	(0.965)	19704	0.18172	11.36(R)
	3 Phenol	94	7.439	7.439	(0.943)	366066	2.53145	158.2
$	5 2-Chlorophenol-d4	132	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	7.816	7.816	(0.991)	262002	2.70538	169.1
*	8 1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	137062	2.00000	
	9 1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	272128	2.70977	169.4
$	10 1,2-Dichlorobenzene-d4	152	Compound Not Detected.					
	11 Benzyl alcohol	79	8.127	8.127	(1.031)	275445	2.97820	186.1
	12 1,2-Dichlorobenzene	146	8.179	8.179	(1.037)	242467	2.68118	167.6
	13 2-Methylphenol	108	8.346	8.346	(1.058)	223662	2.55736	159.8
	15 4-Methylphenol	108	8.577	8.577	(1.088)	226428	2.53225	158.3
	16 N-Nitroso-di-n-propylamine	70	8.577	8.577	(1.088)	225345	2.69414	168.4
$	18 Nitrobenzene-d5	82	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	22 2,4-Dimethylphenol	107	9.398	9.398	(0.951)	257808	2.76075	172.5
	26 1,2,4-Trichlorobenzene	180	9.840	9.840	(0.996)	178586	3.02088	188.8
*	27 Naphthalene-d8	136	9.878	9.878	(1.000)	379995	2.00000	
	30 Hexachlorobutadiene	225	10.243	10.243	(1.037)	96616	3.13916	196.2
$	36 2-Fluorobiphenyl	172	Compound Not Detected.					
	39 Dimethylphthalate	163	12.371	12.371	(0.973)	423568	2.73889	171.2
*	42 Acenaphthene-d10	162	12.717	12.717	(1.000)	206756	2.00000	
	50 Diethylphthalate	149	13.528	13.528	(1.064)	447993	2.84228	177.6
	54 N-Nitrosodiphenylamine	169	13.805	13.805	(0.915)	195482	2.07609	129.8
$	55 2,4,6-Tribromophenol	330	Compound Not Detected.					
	57 Hexachlorobenzene	284	14.628	14.628	(0.969)	99074	2.88842	180.5
	58 Pentachlorophenol	266	14.905	14.905	(0.988)	55706	2.64075	165.0
*	59 Phenanthrene-d10	188	15.090	15.090	(1.000)	313632	2.00000	
$	66 Terphenyl-d14	244	Compound Not Detected.					
	67 Butylbenzylphthalate	149	18.603	18.603	(0.958)	328608	2.86770	179.2
*	69 Chrysene-d12	240	19.414	19.414	(1.000)	294587	2.00000	
*	77 Perylene-d12	264	21.568	21.568	(1.000)	271892	2.00000	
	79 Dibenzo(a,h)anthracene	278	23.230	23.230	(1.077)	400870	3.17426	198.4
	90 N-Nitrosodimethylamine	74	3.891	3.891	(0.493)	174051	2.69038	168.1

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051107.d
Lab Smp Id: ICV
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	137062	14.42
27 Naphthalene-d8	372217	186108	744434	379995	2.09
42 Acenaphthene-d10	182713	91356	365426	206756	13.16
59 Phenanthrene-d10	286879	143440	573758	313632	9.33
69 Chrysene-d12	251912	125956	503824	294587	16.94
77 Perylene-d12	231524	115762	463048	271892	17.44

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.88	0.00
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.00
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.00
59 Phenanthrene-d10	15.09	14.59	15.59	15.09	0.00
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.57	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

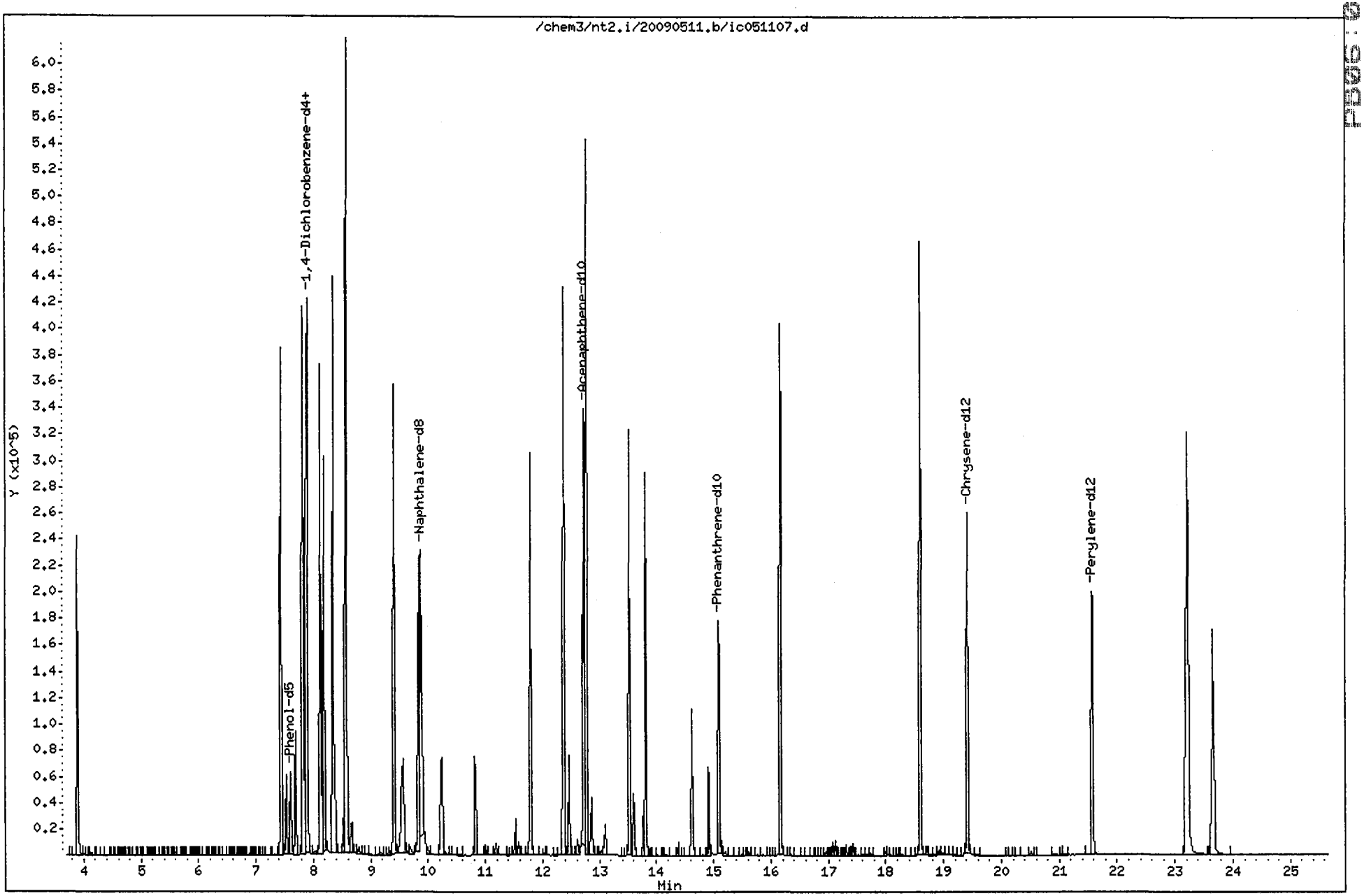
Client Name: Client SDG: 20090511
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: ICV
Level: LOW Operator: VTS
Data Type: MS DATA SampleType: LCS
SpikeList File: wind.spk Quant Type: ISTD
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
3 Phenol	156.3	158.2	101.26	30-160
7 1,3-Dichlorobenzen	156.3	169.1	108.22	30-160
9 1,4-Dichlorobenzen	156.3	169.4	108.39	30-160
11 Benzyl alcohol	312.5	186.1	59.56	30-160
12 1,2-Dichlorobenzen	156.3	167.6	107.25	30-160
13 2-Methylphenol	156.3	159.8	102.29	30-160
15 4-Methylphenol	312.5	158.3	101.3 ~~50.65~~	30-160
16 N-Nitroso-di-n-pro	156.3	168.4	107.77	30-160
22 2,4-Dimethylphenol	156.3	172.5	110.43	30-160
26 1,2,4-Trichloroben	156.3	188.8	120.84	30-160
30 Hexachlorobutadien	156.3	196.2	125.57	30-160
50 Diethylphthalate	156.3	177.6	113.69	30-160
54 N-Nitrosodiphenyla	156.3	129.8	83.04	30-160
57 Hexachlorobenzene	156.3	180.5	115.54	30-160
58 Pentachlorophenol	156.3	165.0	105.63	30-160
67 Butylbenzylphthala	156.3	179.2	114.71	30-160
79 Dibenzo(a,h)anthra	156.3	198.4	126.97	30-160
90 N-Nitrosodimethyla	156.3	168.1	107.62	30-160

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	234.4	0.000	*	30-160
$ 2 Phenol-d5	234.4	11.36	4.85*	30-160
$ 5 2-Chlorophenol-d4	234.4	0.000	*	30-160
$ 10 1,2-Dichlorobenze	156.3	0.000	*	30-160
$ 18 Nitrobenzene-d5	156.3	0.000	*	30-160
$ 36 2-Fluorobiphenyl	156.3	0.000	*	30-160
$ 55 2,4,6-Tribromophe	234.4	0.000	*	30-160
$ 66 Terphenyl-d14	156.3	0.000	*	30-160

Data File: /chem3/nt2.i/20090511.b/ic051107.d
Date : 11-MAY-2009 15:40
Client ID:
Sample Info: ICV
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



7B

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: PB06 Project: BAY WOOD PRODUCTS

Instrument ID: NT2 Cont. Calib. Date: 06/15/09

Init. Calib. Date: 05/11/09 Cont. Calib. Time: 1215

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift
Phenol	2.110	1.981	0.800	AVRG	-6.1
1,3-Dichlorobenzene	1.413	1.454	0.010	AVRG	2.9
1,4-Dichlorobenzene	1.465	1.427	0.010	AVRG	-2.6
1,2-Dichlorobenzene	1.320	1.429	0.010	AVRG	8.2
Benzyl alcohol	1.350	1.203	0.010	AVRG	-10.9
2-Methylphenol	1.276	1.336	0.700	AVRG	4.7
N-Nitroso-di-n-propylamine	1.220	1.291	0.500	AVRG	5.8
4-Methylphenol	1.305	1.308	0.600	AVRG	0.2
2,4-Dimethylphenol	0.492	0.536	0.200	AVRG	8.9
1,2,4-Trichlorobenzene	0.311	0.354	0.010	AVRG	13.8
Hexachlorobutadiene	0.162	0.181	0.010	AVRG	11.7
Dimethylphthalate	1.496	1.524	0.010	AVRG	1.9
Diethylphthalate	1.525	1.625	0.010	AVRG	6.6
N-Nitrosodiphenylamine(1)	0.600	0.600	0.010	AVRG	0.0
Hexachlorobenzene	0.219	0.215	0.100	AVRG	-1.8
Pentachlorophenol	0.134	0.141	0.050	AVRG	5.2
Butylbenzylphthalate	0.778	0.781	0.010	AVRG	0.4
Dibenzo(a,h)anthracene	0.929	0.880	0.400	AVRG	-5.3
N-Nitrosodimethylamine	0.944	1.031	0.010	AVRG	9.2
2-Fluorophenol	1.195	1.228	0.010	AVRG	2.8
Phenol-d5	1.582	1.650	0.010	AVRG	4.3
2-Chlorophenol-d4	1.063	1.119	0.010	AVRG	5.3
1,2-Dichlorobenzene-d4	0.760	0.825	0.010	AVRG	8.6
Nitrobenzene-d5	0.543	0.578	0.010	AVRG	6.4
2-Fluorobiphenyl	1.427	1.504	0.010	AVRG	5.4
2,4,6-Tribromophenol	0.095	0.096	0.010	AVRG	1.0
Terphenyl-d14	0.622	0.669	0.010	AVRG	7.6

(1) Cannot be separated from Diphenylamine

<- Exceeds QC limit of 20% D

* RF less than minimum RF

FORM VII SV-1

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt2.i Injection Date: 15-JUN-2009 12:15
Lab File ID: cc0615.d Init. Cal. Date(s): 11-MAY-2009 11-MAY-2009
Analysis Type: SOIL Init. Cal. Times: 12:17 15:06
Lab Sample ID: ABN 2.5 Quant Type: ISTD
Method: /chem3/nt2.i/20090615.b/SIMABN.m

COMPOUND	RRF / AMOUNT	RF2	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 2-Fluorophenol	1.19489	1.22854	0.010	2.81574	20.00000	Averaged
$ 2 Phenol-d5	1.58220	1.64991	0.010	4.27932	20.00000	Averaged
3 Phenol	2.11010	1.98079	0.010	-6.12816	20.00000	Averaged
$ 5 2-Chlorophenol-d4	1.06328	1.11905	0.010	5.24504	20.00000	Averaged
7 1,3-Dichlorobenzene	1.41315	1.45398	0.010	2.88923	20.00000	Averaged
9 1,4-Dichlorobenzene	1.46539	1.42746	0.010	-2.58823	20.00000	Averaged
$ 10 1,2-Dichlorobenzene-d4	0.75984	0.82525	0.010	8.60819	20.00000	Averaged
11 Benzyl alcohol	1.34957	1.20323	0.010	-10.84291	20.00000	Averaged
12 1,2-Dichlorobenzene	1.31959	1.42885	0.010	8.27998	20.00000	Averaged
13 2-Methylphenol	1.27618	1.33614	0.010	4.69842	20.00000	Averaged
15 4-Methylphenol	1.30478	1.30835	0.010	0.27353	20.00000	Averaged
16 N-Nitroso-di-n-propylamine	1.22051	1.29098	0.050	5.77434	20.00000	Averaged
$ 18 Nitrobenzene-d5	0.54291	0.57787	0.010	6.43882	20.00000	Averaged
22 2,4-Dimethylphenol	0.49150	0.53637	0.010	9.13055	20.00000	Averaged
26 1,2,4-Trichlorobenzene	0.31115	0.35410	0.010	13.80407	20.00000	Averaged
30 Hexachlorobutadiene	0.16199	0.18099	0.010	11.72858	20.00000	Averaged
$ 36 2-Fluorobiphenyl	1.42681	1.50398	0.010	5.40844	20.00000	Averaged
39 Dimethylphthalate	1.49596	1.52409	0.010	1.88021	20.00000	Averaged
50 Diethylphthalate	1.52467	1.62547	0.010	6.61111	20.00000	Averaged
54 N-Nitrosodiphenylamine	0.60044	0.60029	0.010	-0.02512	20.00000	Averaged
$ 55 2,4,6-Tribromophenol	0.09454	0.09621	0.010	1.76532	20.00000	Averaged
57 Hexachlorobenzene	0.21873	0.21541	0.010	-1.51604	20.00000	Averaged
58 Pentachlorophenol	0.13452	0.14069	0.005	4.58679	20.00000	Averaged
$ 66 Terphenyl-d14	0.62214	0.66879	0.010	7.49820	20.00000	Averaged
67 Butylbenzylphthalate	0.77797	0.78093	0.010	0.38147	20.00000	Averaged
79 Dibenzo(a,h)anthracene	0.92895	0.88012	0.010	-5.25690	20.00000	Averaged
90 N-Nitrosodimethylamine	0.94401	1.03092	0.010	9.20638	20.00000	Averaged

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/cc0615.d
Lab Smp Id: ABN 2.5
Inj Date : 15-JUN-2009 12:15
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 2.5
Misc Info :
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.639	5.639	(0.755)	196273	2.50000	2.570
$	2 Phenol-d5	99	7.054	7.054	(0.945)	263592	2.50000	2.607
	3 Phenol	94	7.077	7.077	(0.948)	316456	2.50000	2.347
$	5 2-Chlorophenol-d4	132	7.192	7.192	(0.963)	178782	2.50000	2.631
	7 1,3-Dichlorobenzene	146	7.415	7.415	(0.993)	232291	2.50000	2.572
*	8 1,4-Dichlorobenzene-d4	152	7.467	7.467	(1.000)	127809	2.00000	
	9 1,4-Dichlorobenzene	146	7.484	7.484	(1.002)	228054	2.50000	2.435
$	10 1,2-Dichlorobenzene-d4	152	7.761	7.761	(1.039)	131843	2.50000	2.715
	11 Benzyl alcohol	79	7.727	7.727	(1.035)	961158	12.5000	11.14
	12 1,2-Dichlorobenzene	146	7.779	7.779	(1.042)	228276	2.50000	2.707
	13 2-Methylphenol	108	7.976	7.976	(1.068)	213465	2.50000	2.617
	15 4-Methylphenol	108	8.191	8.191	(1.097)	209024	2.50000	2.507
	16 N-Nitroso-di-n-propylamine	70	8.191	8.191	(1.097)	206250	2.50000	2.644
$	18 Nitrobenzene-d5	82	8.361	8.361	(0.884)	278876	2.50000	2.661
	22 2,4-Dimethylphenol	107	9.002	9.002	(0.951)	258850	2.50000	2.728

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	26	1,2,4-Trichlorobenzene	180	9.405	9.405	(0.994)	170885	2.50000	2.845
*	27	Naphthalene-d8	136	9.463	9.463	(1.000)	386074	2.00000	
	30	Hexachlorobutadiene	225	9.808	9.808	(1.037)	87344	2.50000	2.793
$	36	2-Fluorobiphenyl	172	11.241	11.241	(0.914)	373224	2.50000	2.635
	39	Dimethylphthalate	163	11.967	11.967	(0.973)	378213	2.50000	2.547
*	42	Acenaphthene-d10	162	12.296	12.296	(1.000)	198525	2.00000	
	50	Diethylphthalate	149	13.109	13.109	(1.066)	403372	2.50000	2.665
	54	N-Nitrosodiphenylamine	169	13.387	13.387	(0.914)	253297	2.50000	2.499
$	55	2,4,6-Tribromophenol	330	13.572	13.572	(0.927)	40596	2.50000	2.544
	57	Hexachlorobenzene	284	14.183	14.183	(0.968)	90895	2.50000	2.462
	58	Pentachlorophenol	266	14.475	14.475	(0.988)	296825	12.5000	13.07
*	59	Phenanthrene-d10	188	14.645	14.645	(1.000)	337566	2.00000	
$	66	Terphenyl-d14	244	17.285	17.285	(0.913)	239086	2.50000	2.687
	67	Butylbenzylphthalate	149	18.164	18.164	(0.960)	279176	2.50000	2.510
*	69	Chrysene-d12	240	18.929	18.929	(1.000)	285992	2.00000	
*	77	Perylene-d12	264	21.084	21.084	(1.000)	233429	2.00000	
	79	Dibenzo(a,h)anthracene	278	22.561	22.561	(1.070)	256807	2.50000	2.369
	90	N-Nitrosodimethylamine	74	3.408	3.408	(0.456)	164702	2.50000	2.730

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: cc0615.d
Lab Smp Id: ABN 2.5
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info:

Calibration Date: 15-JUN-2009
Calibration Time: 11:41

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	127809	6.70
27 Naphthalene-d8	372217	186108	744434	386074	3.72
42 Acenaphthene-d10	182713	91356	365426	198525	8.65
59 Phenanthrene-d10	286879	143440	573758	337566	17.67
69 Chrysene-d12	251912	125956	503824	285992	13.53
77 Perylene-d12	231524	115762	463048	233429	0.82

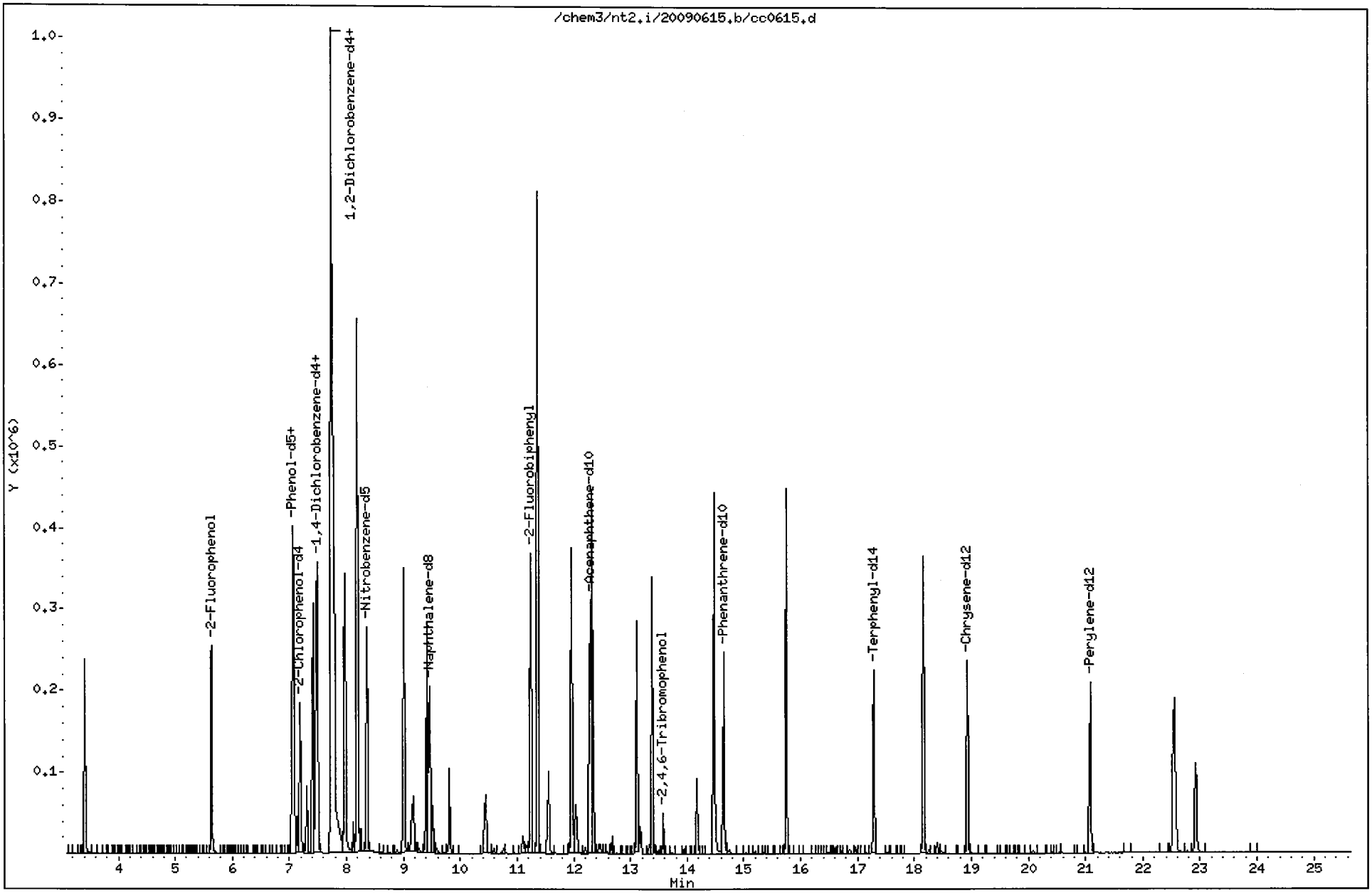
		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.47	0.00
27 Naphthalene-d8	9.46	8.96	9.96	9.46	0.00
42 Acenaphthene-d10	12.30	11.80	12.80	12.30	0.00
59 Phenanthrene-d10	14.64	14.14	15.14	14.64	0.00
69 Chrysene-d12	18.93	18.43	19.43	18.93	0.00
77 Perylene-d12	21.08	20.58	21.58	21.08	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt2.i/20090615.b/cc0615.d
Date : 15-JUN-2009 12:15
Client ID:
Sample Info: ABN 2.5
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32



SIM Semivolatile Analysis
QC Raw Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

Data File: /chem3/nt2.i/20090511.b/tune.b/fs0511.d

Date : 11-MAY-2009 11:13

Client ID:

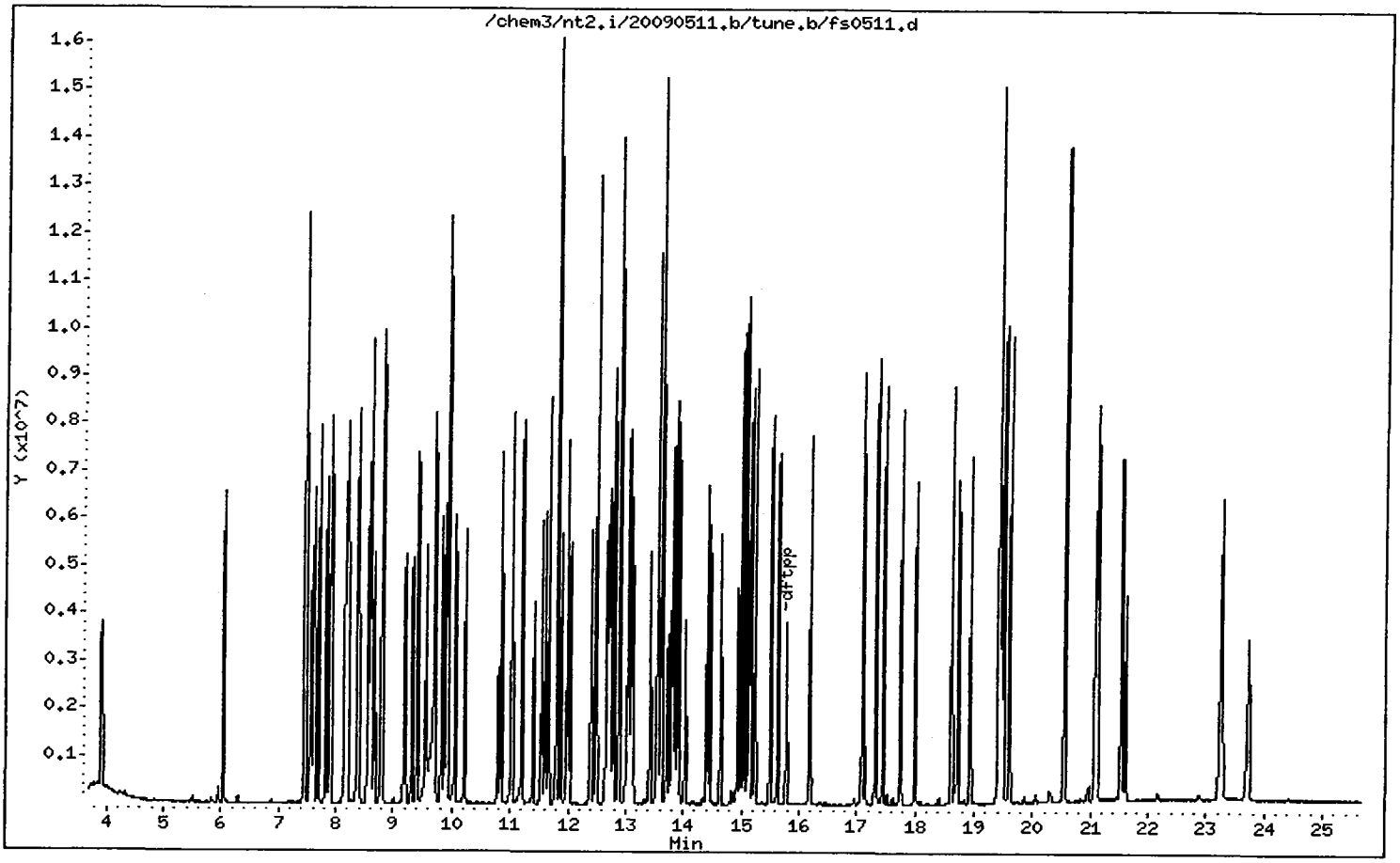
Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25



Data File: /chem3/nt2.i/20090511.b/tune.b/fs0511.d

Date : 11-MAY-2009 11:13

Client ID:

Instrument: nt2.i

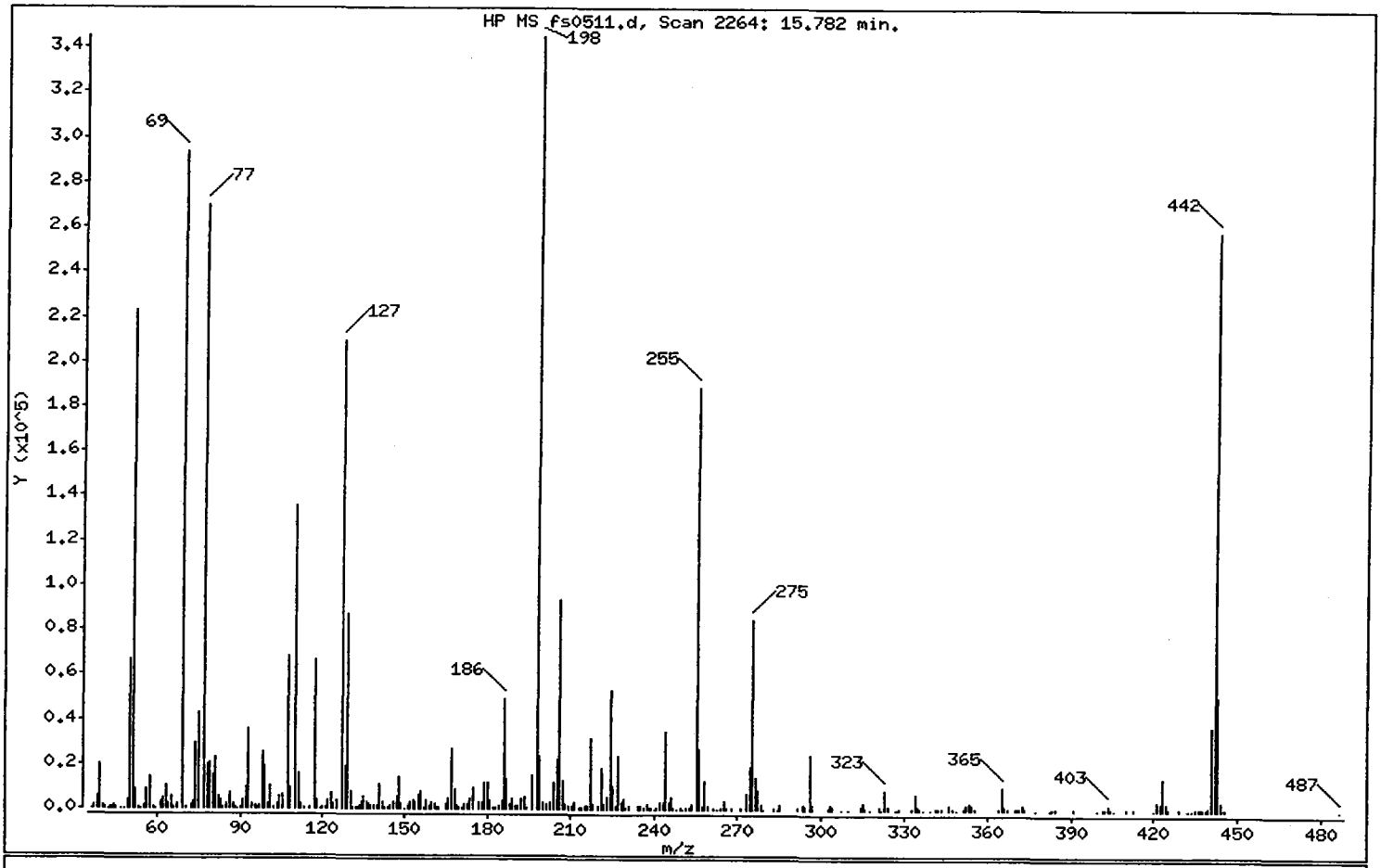
Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	64.58
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	85.08
70	Less than 2.00% of mass 69	0.17 (0.20)
127	25.00 - 75.00% of mass 198	60.74
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.82
275	10.00 - 30.00% of mass 198	24.57
365	Greater than 0.75% of mass 198	3.03
441	Present, but less than mass 443	10.81
442	40.00 - 110.00% of mass 198	74.90
443	15.00 - 24.00% of mass 442	14.66 (19.57)

Data File: /chem3/nt2.i/20090511.b/tune.b/fs0511.d

Date : 11-MAY-2009 11:13

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: fs0511.d
Spectrum: HP MS fs0511.d, Scan 2264: 15.782 min.
Location of Maximum: 198.00
Number of points: 308

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.90	242	121.10	553	202.90	3201	306.90	230
36.40	352	122.00	4019	204.10	11881	310.00	393
37.10	1858	123.00	6946	205.00	21960	314.20	1504
38.00	5783	124.00	2194	206.10	93448	315.00	2812
39.10	19680	125.00	4011	207.00	12521	316.00	684
40.00	1583	127.10	209536	207.90	2292	317.90	304
41.00	1187	128.00	19352	208.90	1202	320.90	1406
42.20	259	129.10	87392	210.30	1892	321.90	323
42.70	725	130.10	7806	211.00	3361	323.10	8511
43.20	425	131.00	1157	213.20	645	324.10	1709
44.20	1266	132.00	742	213.90	488	326.80	375
45.00	594	133.20	815	215.10	1681	327.40	270
46.90	357	133.70	1525	215.90	1368	328.10	629
48.20	306	134.30	3102	217.00	31456	332.70	812
49.10	3623	135.10	5870	218.00	2130	334.00	6757
50.10	66736	136.20	2885	220.00	1308	334.90	1278
51.10	222784	137.10	2508	221.10	18208	335.70	758
52.00	8783	137.80	1323	221.90	2747	337.00	356
53.10	1059	139.00	1942	223.00	5668	339.70	300
54.20	394	140.20	1802	224.10	53440	341.20	532
55.20	1861	141.10	10708	224.90	10055	341.80	605
56.00	8652	142.10	3304	226.00	1917	343.20	473
57.10	14587	143.00	1002	227.10	23504	345.90	2675
58.30	952	144.10	715	228.00	3170	347.10	555
59.00	384	144.90	1312	229.00	5011	348.50	254
61.00	3229	146.00	3225	229.90	424	351.00	477
62.00	4706	147.10	5754	231.10	1547	352.00	2426
63.00	10162	148.00	14243	234.00	1789	353.00	3168
64.10	2231	149.00	2575	235.00	1817	354.00	2298
65.10	5657	149.90	252	236.00	984	355.10	549
66.10	496	151.10	1611	237.20	2278	364.10	1078
67.10	2408	151.90	3027	238.40	498	365.00	10441
69.00	293504	153.00	3988	239.10	704	366.00	1307
70.60	595	154.00	2990	239.80	329	366.80	402
72.50	1340	155.10	6251	241.00	793	369.70	572

Data File: /chem3/nt2.i/20090511.b/tune.b/fs0511.d

Date : 11-MAY-2009 11:13

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: fs0511.d
Spectrum: HP MS fs0511.d, Scan 2264: 15.782 min.
Location of Maximum: 198.00
Number of points: 308

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.20	3309	156.10	8249	242.00	3325	370.60	501
74.00	29480	157.00	881	243.10	2867	371.00	742
75.00	42800	157.90	3733	244.00	34672	372.20	2723
77.10	269376	159.00	1922	245.10	3337	372.90	1094
78.00	20152	160.00	2860	246.10	5823	377.00	233
79.00	20832	161.00	2602	246.90	1150	382.50	274
80.00	15055	162.10	778	248.30	211	383.00	797
81.00	22800	162.80	1166	249.10	971	384.00	485
82.10	5194	165.00	2653	249.80	346	391.00	519
83.10	3707	166.00	4432	251.20	576	399.60	262
83.80	704	167.00	26640	251.60	448	401.10	437
85.10	2690	168.10	9100	252.60	595	401.90	515
86.00	7062	169.00	1776	253.40	2034	403.00	2570
87.20	2143	169.90	402	255.00	188928	403.80	446
87.90	783	171.00	613	256.00	26624	405.00	209
89.10	355	171.80	2535	257.20	1607	409.70	424
90.20	743	173.00	2547	258.00	12406	412.50	444
91.00	4234	174.00	5047	259.10	1855	419.70	299
92.10	9310	175.10	9293	261.10	561	421.00	4053
93.00	35680	177.10	3415	262.80	261	422.10	2941
93.90	2242	178.00	2858	263.80	470	423.00	14019
95.10	1543	179.00	12009	265.00	3931	424.10	2915
95.90	1102	180.10	11734	265.90	1007	425.10	567
96.80	1266	181.10	4010	267.80	810	429.20	520
98.00	25328	182.10	645	271.10	609	432.20	374
99.00	19152	182.70	779	273.00	7034	433.60	333
100.10	2235	184.10	1233	274.00	19304	435.00	903
101.00	10399	185.30	4308	275.00	84752	436.10	597
101.80	944	186.00	49320	276.00	14307	436.60	473
103.20	2351	187.10	13363	277.10	8742	437.40	743
104.00	5600	188.10	2534	278.00	2304	437.60	735
105.10	6596	189.00	4808	279.10	317	438.70	1007
107.10	68416	189.90	1292	283.00	990	439.60	1363
108.10	9502	190.80	1475	284.10	311	441.00	37280
110.00	136000	191.00	1404	285.00	2358	442.10	258368

Data File: /chem3/nt2.i/20090511.b/tune.b/fs0511.d

Date : 11-MAY-2009 11:13

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

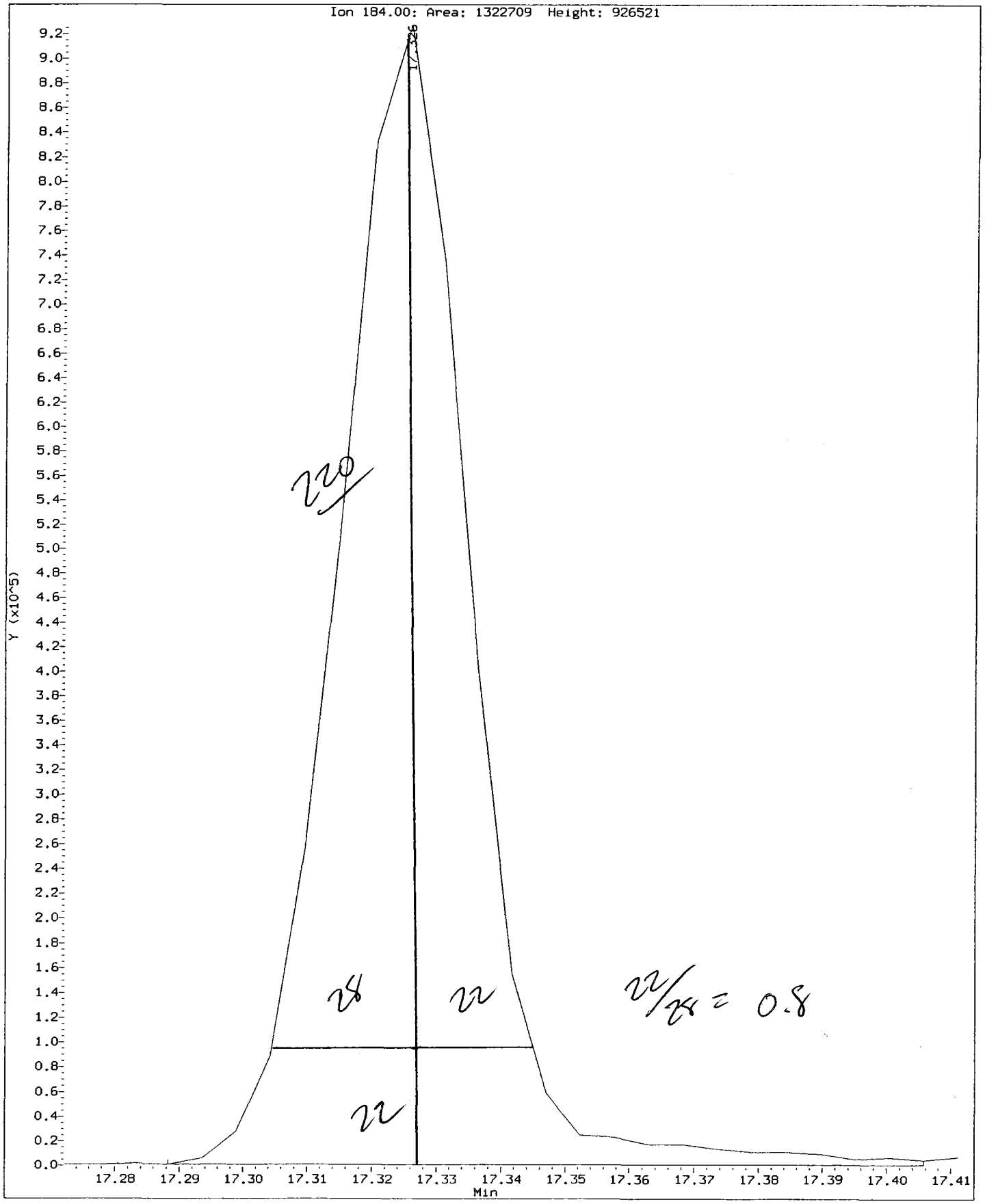
Column diameter: 0.25

Data File: fs0511.d
Spectrum: HP MS fs0511.d, Scan 2264: 15.782 min.
Location of Maximum: 198.00
Number of points: 308

m/z	Y	m/z	Y	m/z	Y	m/z	Y
111.10	16060	192.00	5118	291.20	566	443.00	50560
112.10	2251	193.10	5630	293.10	2154	444.10	4069
112.90	944	194.00	1035	294.00	1373	445.10	745
115.20	439	196.00	14839	296.00	24712	487.10	235
117.00	66424	198.00	344960	297.00	2289		
118.00	4143	199.00	23528	302.50	979		
118.80	369	200.10	2820	303.00	2399		
120.00	515	201.40	2046	304.00	1871		

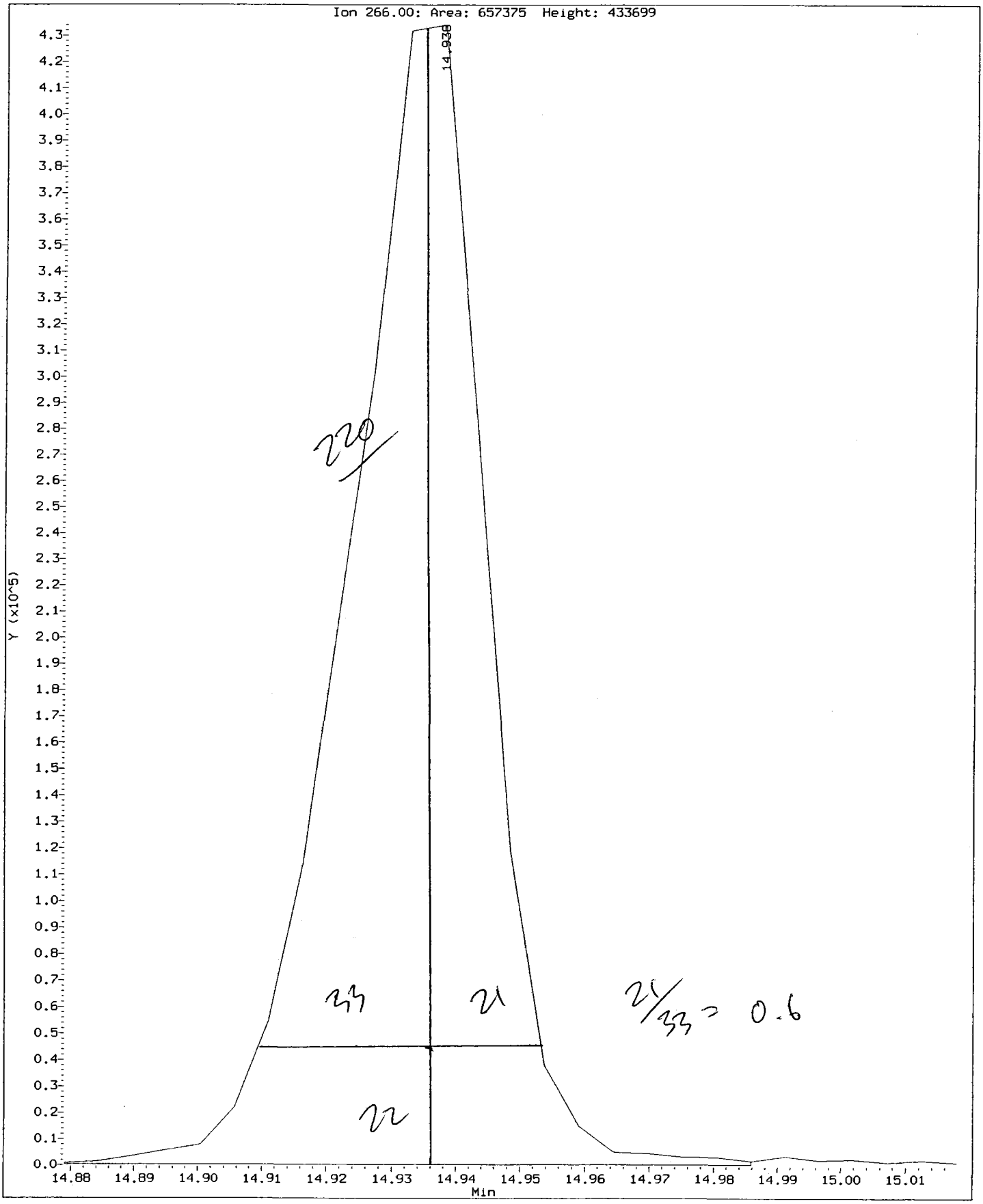
Data File: /chem3/nt2.i/20090511.b/ddt.b/fs0511.d
Injection Date: 11-MAY-2009 11:13
Instrument: nt2.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Data File: /chem3/nt2.i/20090511.b/ddt.b/fs0511.d
Injection Date: 11-MAY-2009 11:13
Instrument: nt2.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem3/nt2.i/20090511.b/ddt.b/fs0511.d ARI ID:
Method: /chem3/nt2.i/20090511.b/ddt.b/sw846ddt.m Misc:
Analysis Date: 11-MAY-2009 11:13 Instrument: nt2.i

COMPOUND	RT	AREA
Pentachlorophenol	14.938	657375
Benzidine	17.326	1322709
4,4'-DDE	----	----
4,4'-DDD	----	----
4,4'-DDT	18.725	1633024

$$\text{DDT Percent Breakdown} = \frac{(\textit{DDE}\ \text{Area} + \textit{DDD}\ \text{Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(\ 0 + 0) * 100}{(\ 0 + 0 + 1633024)}$$

DDT Percent Breakdown = 0.0 %

Data File: /chem3/nt2.i/20090615.b/tune.b/fs0615.d

Date : 15-JUN-2009 10:15

Client ID:

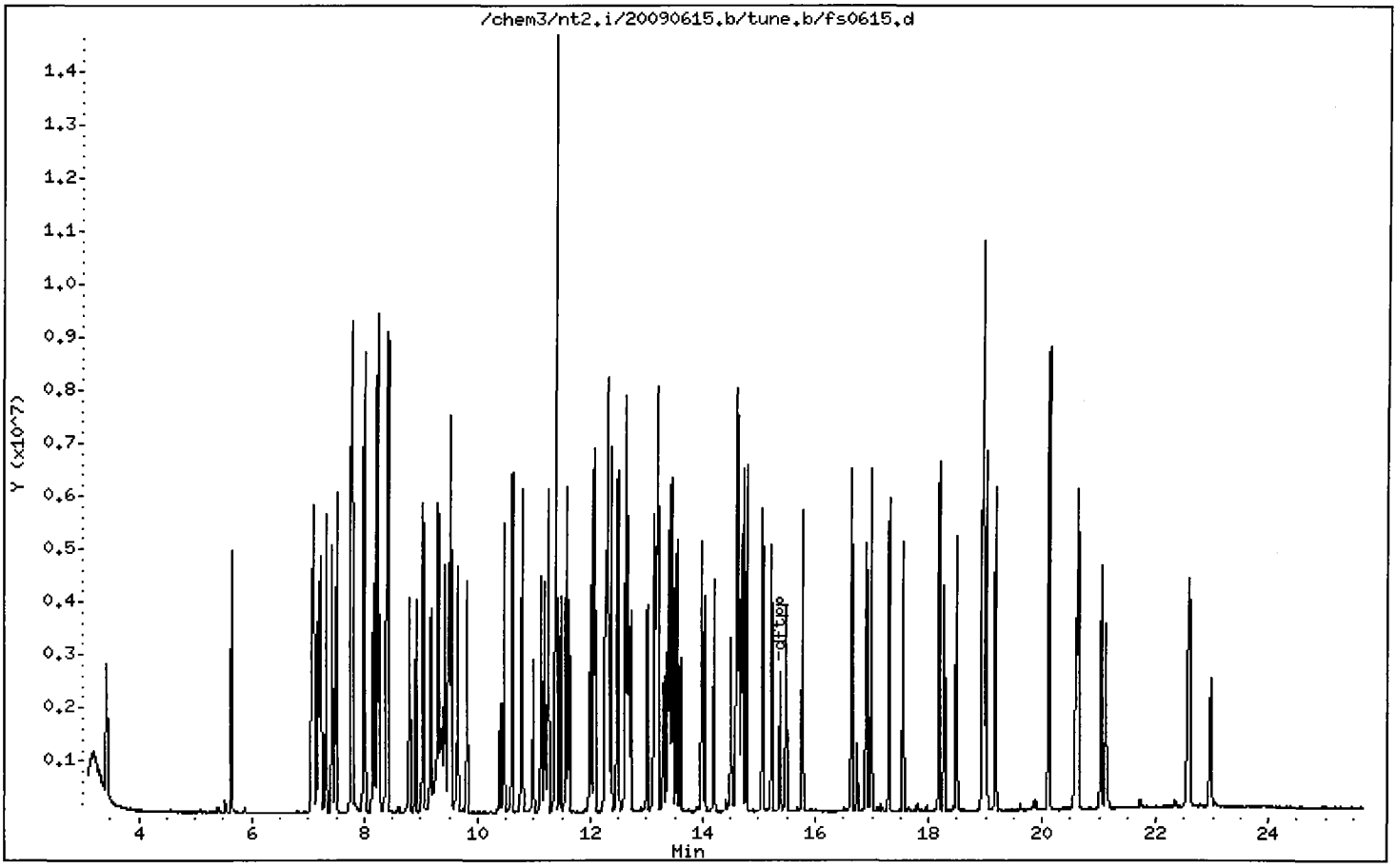
Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25



Data File: /chem3/nt2.i/20090615.b/tune.b/fs0615.d

Date : 15-JUN-2009 10:15

Client ID:

Instrument: nt2.i

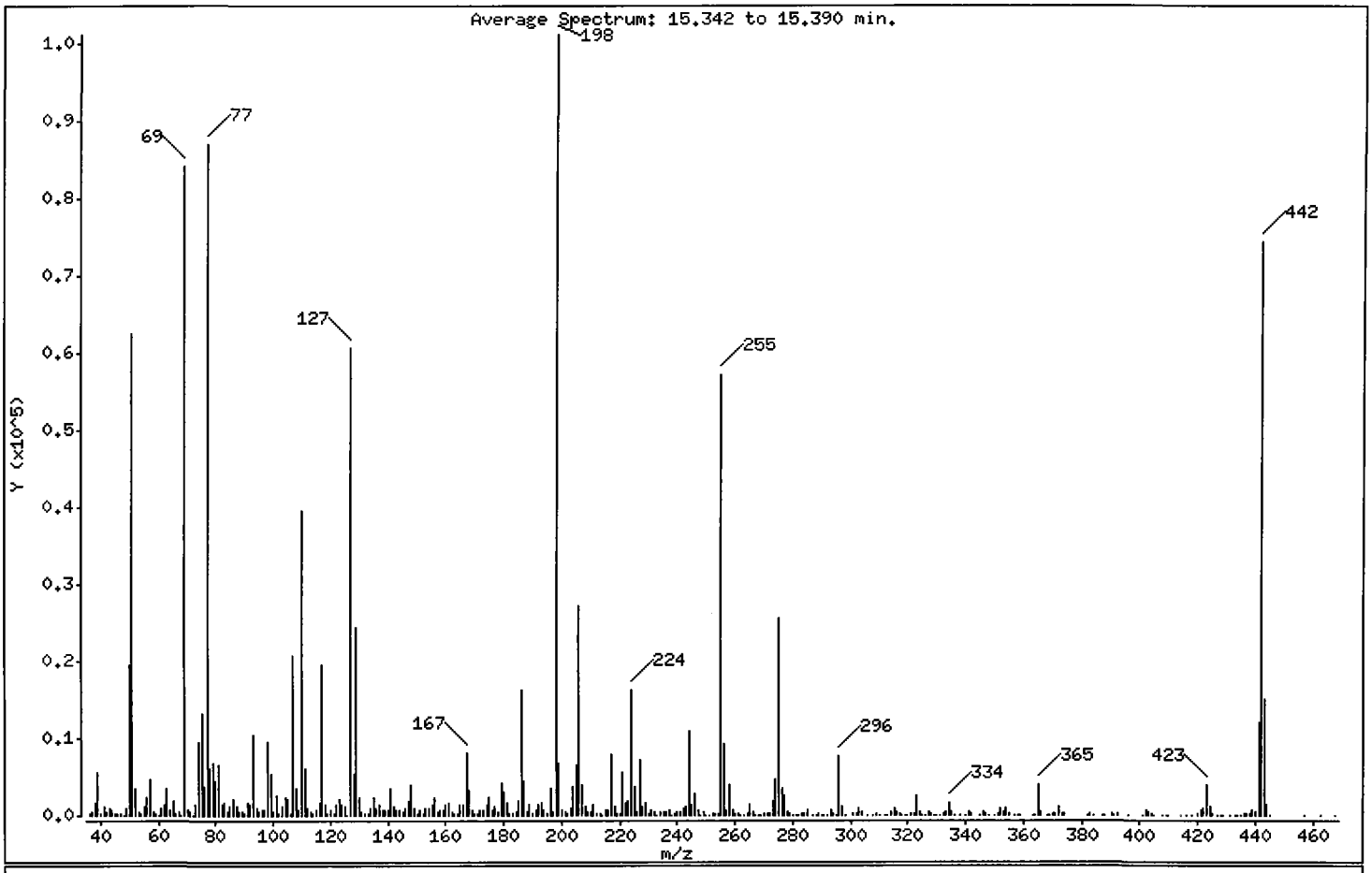
Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	61.88
68	Less than 2.00% of mass 69	0.04 (0.05)
69	Mass 69 relative abundance	83.30
70	Less than 2.00% of mass 69	0.60 (0.72)
127	25.00 - 75.00% of mass 198	59.89
197	Less than 1.00% of mass 198	0.41
199	5.00 - 9.00% of mass 198	6.73
275	10.00 - 30.00% of mass 198	25.39
365	Greater than 0.75% of mass 198	3.84
441	Present, but less than mass 443	11.94
442	40.00 - 110.00% of mass 198	73.51
443	15.00 - 24.00% of mass 442	14.93 (20.31)

Data File: /chem3/nt2.i/20090615.b/tune.b/fs0615.d

Date : 15-JUN-2009 10:15

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: fs0615.d
Spectrum: Average Spectrum: 15.342 to 15.390 min.
Location of Maximum: 198.00
Number of points: 369

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	183	129.00	24432	222.00	1696	321.00	318
37.00	511	130.00	2236	223.00	1837	322.00	319
38.00	1553	131.00	473	224.00	16245	323.00	2481
39.00	5667	132.00	151	225.00	3623	324.00	464
40.00	339	133.00	300	226.00	560	325.00	32
41.00	1247	134.00	916	227.00	7165	326.00	62
42.00	350	135.00	2265	228.00	1134	327.00	531
43.00	847	136.00	1032	229.00	1535	328.00	293
44.00	716	137.00	1350	230.00	207	329.00	57
45.00	337	138.00	595	231.00	588	330.00	25
46.00	125	139.00	642	232.00	369	331.00	47
47.00	143	140.00	630	233.00	94	332.00	282
48.00	58	141.00	3537	234.00	500	333.00	426
49.00	1033	142.00	1251	235.00	530	334.00	1564
50.00	19608	143.00	754	236.00	409	335.00	481
51.00	62608	144.00	726	237.00	593	336.00	46
52.00	3516	145.00	349	238.00	72	338.00	49
53.00	540	146.00	890	239.00	340	340.00	31
54.00	225	147.00	1816	240.00	381	341.00	352
55.00	1123	148.00	4017	241.00	557	342.00	121
56.00	2358	149.00	908	242.00	876	345.00	20
57.00	4655	150.00	208	243.00	1125	346.00	532
58.00	376	151.00	687	244.00	10817	347.00	140
59.00	169	152.00	281	245.00	1370	348.00	45
60.00	115	153.00	1008	246.00	2735	350.00	21
61.00	1037	154.00	1012	247.00	776	351.00	118
62.00	1468	155.00	1384	248.00	94	352.00	827
63.00	3544	156.00	2287	249.00	451	353.00	413
64.00	635	157.00	458	250.00	83	354.00	861
65.00	1772	158.00	781	251.00	22	355.00	272
66.00	134	159.00	803	252.00	279	357.00	32
67.00	450	160.00	1285	253.00	329	358.00	53
68.00	40	161.00	1547	254.00	197	359.00	52
69.00	84288	162.00	475	255.00	57192	363.00	80
70.00	605	163.00	160	256.00	9410	364.00	24

Data File: /chem3/nt2.i/20090615.b/tune.b/fs0615.d

Date : 15-JUN-2009 10:15

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: fs0615.d
Spectrum: Average Spectrum: 15.342 to 15.390 min.
Location of Maximum: 198.00
Number of points: 369

m/z	Y	m/z	Y	m/z	Y	m/z	Y
71.00	384	164.00	337	257.00	730	365.00	3889
72.00	75	165.00	1293	258.00	3926	366.00	509
73.00	1475	166.00	1335	259.00	605	368.00	27
74.00	9429	167.00	8140	260.00	121	369.00	27
75.00	13214	168.00	3349	261.00	121	370.00	168
76.00	3641	169.00	733	262.00	23	371.00	180
77.00	86920	170.00	190	263.00	55	372.00	1160
78.00	6092	171.00	214	264.00	237	373.00	165
79.00	6811	172.00	738	265.00	1415	374.00	120
80.00	4404	173.00	777	266.00	374	382.00	28
81.00	6470	174.00	1474	267.00	54	383.00	336
82.00	1467	175.00	2427	268.00	58	384.00	112
83.00	1571	176.00	619	269.00	37	387.00	27
84.00	567	177.00	1090	270.00	122	388.00	21
85.00	1252	178.00	474	271.00	195	390.00	259
86.00	2150	179.00	4254	272.00	175	391.00	63
87.00	1246	180.00	2924	273.00	1851	392.00	179
88.00	576	181.00	1674	274.00	4640	396.00	20
89.00	450	182.00	328	275.00	25688	401.00	38
90.00	168	183.00	241	276.00	3497	402.00	622
91.00	1690	184.00	488	277.00	2614	403.00	525
92.00	1355	185.00	1950	278.00	397	404.00	275
93.00	10436	186.00	16178	279.00	195	405.00	60
94.00	932	187.00	4481	280.00	59	408.00	39
95.00	522	188.00	510	281.00	67	409.00	20
96.00	593	189.00	1286	282.00	25	410.00	92
97.00	627	190.00	309	283.00	334	414.00	41
98.00	9442	191.00	599	284.00	121	416.00	46
99.00	5387	192.00	1467	285.00	775	418.00	36
100.00	581	193.00	1657	287.00	63	420.00	135
101.00	2577	194.00	628	288.00	33	421.00	614
102.00	300	195.00	253	289.00	136	422.00	817
103.00	1152	196.00	3589	290.00	30	423.00	4025
104.00	2229	197.00	415	291.00	37	424.00	1200
105.00	2173	198.00	101176	292.00	114	425.00	142

Data File: /chem3/nt2.i/20090615.b/tune.b/fs0615.d

Date : 15-JUN-2009 10:15

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

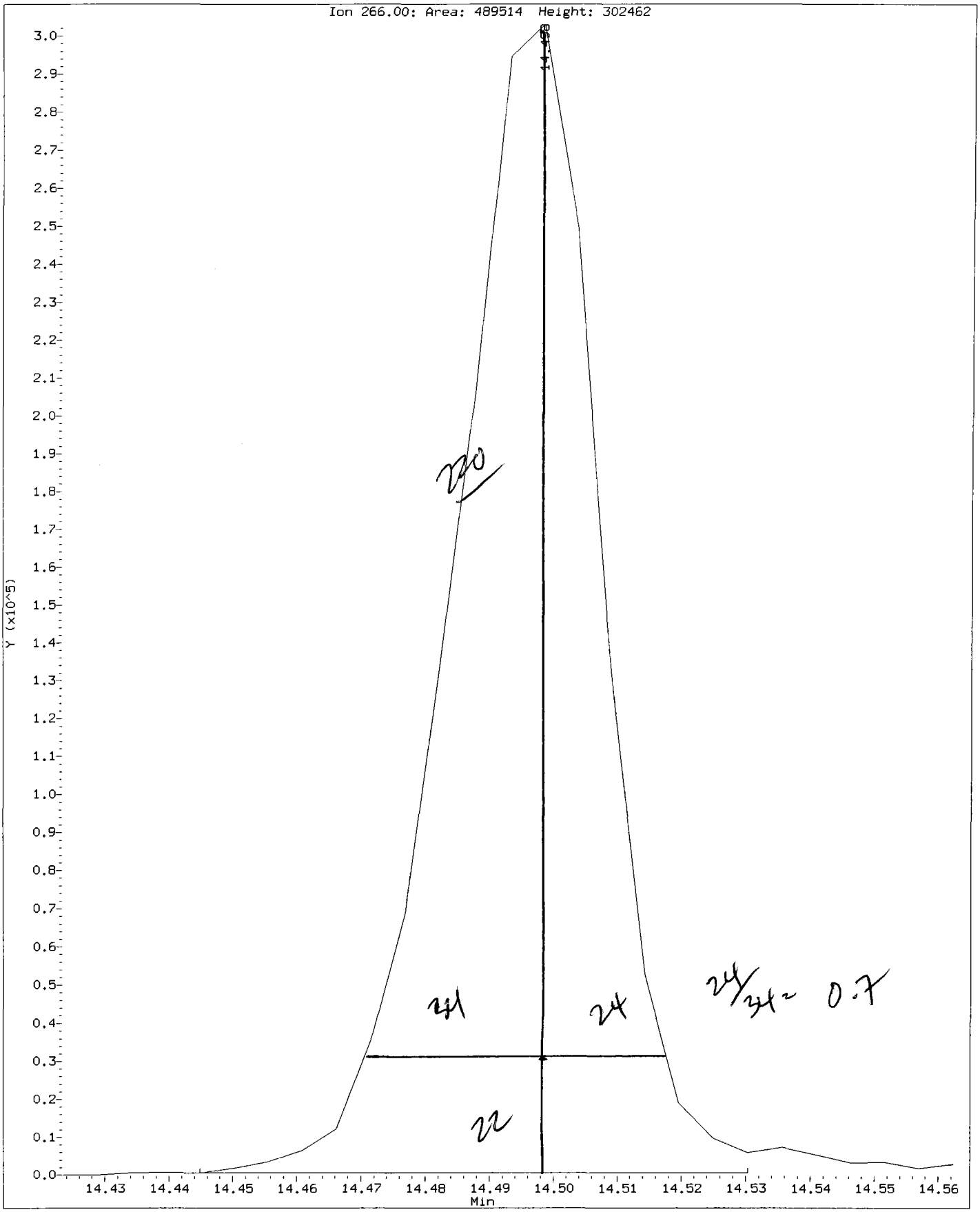
Column diameter: 0.25

Data File: fs0615.d
Spectrum: Average Spectrum: 15.342 to 15.390 min.
Location of Maximum: 198.00
Number of points: 369

m/z	Y	m/z	Y	m/z	Y	m/z	Y
106.00	161	199.00	6806	293.00	627	427.00	44
107.00	20592	200.00	647	294.00	191	428.00	22
108.00	3532	201.00	464	295.00	107	429.00	36
109.00	806	202.00	338	296.00	7785	431.00	24
110.00	39512	203.00	943	297.00	1135	433.00	35
111.00	6018	204.00	3675	298.00	103	434.00	92
112.00	860	205.00	6537	301.00	120	435.00	78
113.00	505	206.00	27216	302.00	226	436.00	139
114.00	226	207.00	3902	303.00	896	437.00	271
115.00	637	208.00	1068	304.00	370	438.00	295
116.00	1593	209.00	370	306.00	84	439.00	652
117.00	19648	210.00	392	308.00	113	440.00	539
118.00	1475	211.00	1434	309.00	132	441.00	12077
119.00	177	212.00	217	310.00	24	442.00	74376
120.00	615	213.00	209	312.00	26	443.00	15108
121.00	157	214.00	51	313.00	34	444.00	1323
122.00	1491	215.00	644	314.00	389	445.00	61
123.00	2086	216.00	652	315.00	945	457.00	51
124.00	1328	217.00	7969	316.00	538	463.00	30
125.00	1231	218.00	1261	317.00	218	468.00	53
126.00	25	219.00	240	318.00	56		
127.00	60592	220.00	239	319.00	75		
128.00	5331	221.00	5638	320.00	35		

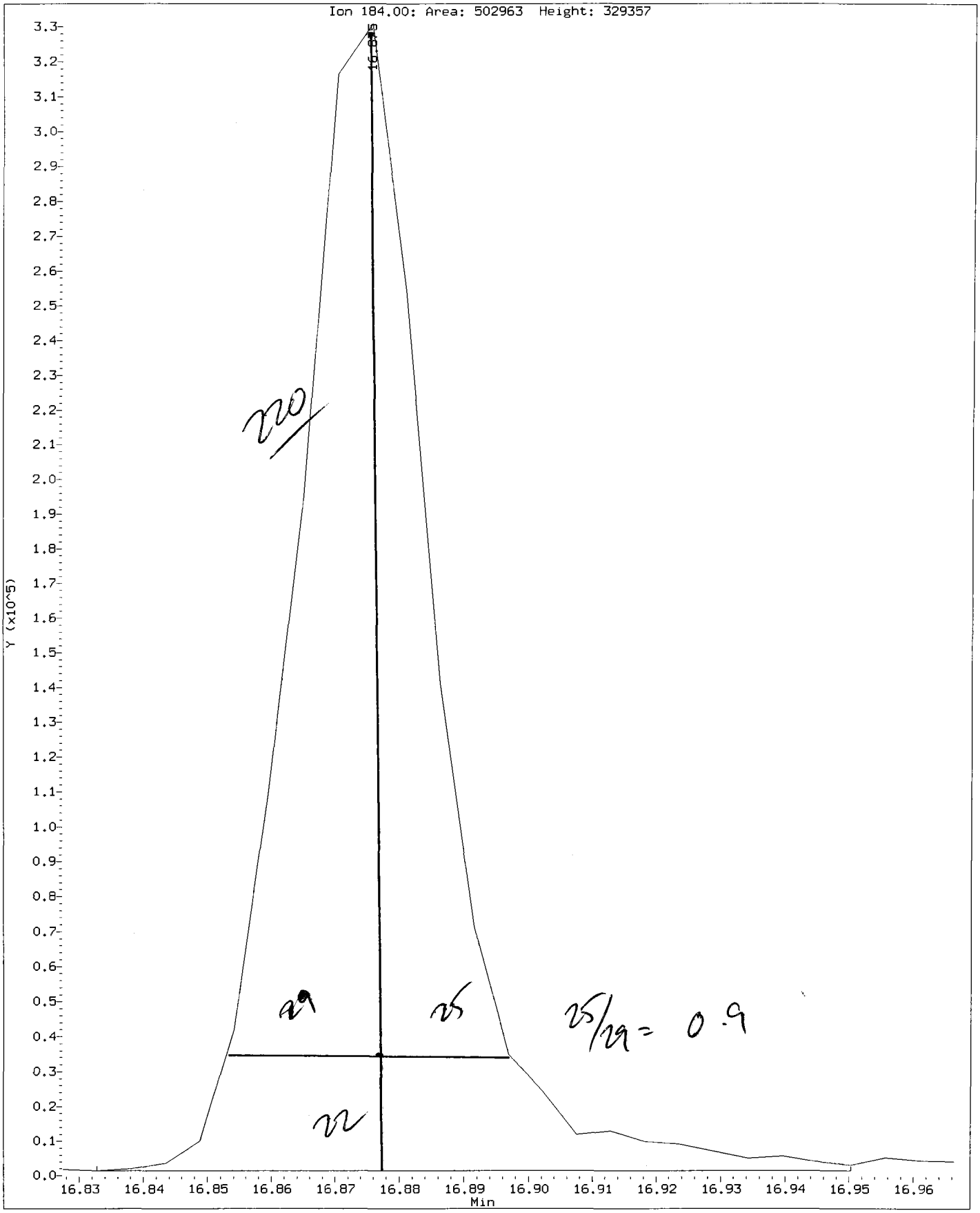
Data File: /chem3/nt2.i/20090615.b/ddt.b/fs0615.d
Injection Date: 15-JUN-2009 10:15
Instrument: nt2.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem3/nt2.i/20090615.b/ddt.b/fs0615.d
Injection Date: 15-JUN-2009 10:15
Instrument: nt2.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem3/nt2.i/20090615.b/ddt.b/fs0615.d
Method: /chem3/nt2.i/20090615.b/ddt.b/sw846ddt.m
Analysis Date: 15-JUN-2009 10:15

ARI ID:
Misc:
Instrument: nt2.i

COMPOUND	RT	AREA
Pentachlorophenol	14.498	489514
Benzidine	16.875	502963
4,4'-DDE	----	----
4,4'-DDD	17.794	36610
4,4'-DDT	18.270	1025873

$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(\ 0 + 36610) * 100}{(\ 0 + 36610 + 1025873)}$$

DDT Percent Breakdown = 3.4 %

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: MB-060809**
Page 1 of 1 **METHOD BLANK**

Lab Sample ID: MB-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 13:32
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.2	< 6.2 U
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
85-68-7	Butylbenzylphthalate	16	< 16 U
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	60.8%	d5-Phenol	56.8%
2-Fluorophenol	55.5%	d4-2-Chlorophenol	65.1%
d4-1,2-Dichlorobenzene	57.6%	d5-Nitrobenzene	59.2%
2,4,6-Tribromophenol	57.9%	d14-p-Terphenyl	80.8%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/061501.d
Lab Smp Id: PB06MBS1 Client Smp ID: PB06MBS1
Inj Date : 15-JUN-2009 13:32
Operator : VTS Inst ID: nt2.i
Smp Info : PB06MBS1
Misc Info : 09-12548
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.653	5.639	(0.757)	211442	2.07690	129.8
$	2 Phenol-d5	99	7.054	7.054	(0.945)	287428	2.13217	133.3
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.182	7.192	(0.962)	220720	2.43639	152.3
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.468	7.467	(1.000)	170403	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.762	7.761	(1.039)	93530	1.44471	90.29
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.362	8.361	(0.886)	206739	1.47978	92.49
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.443	9.463	(1.000)	514666	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.241	11.241	(0.915)	281255	1.51499	94.69
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.279	12.296	(1.000)	260228	2.00000	
	50 Diethylphthalate	149	13.108	13.109	(1.067)	17198	0.08669	5.418(R)
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.571	13.572	(0.927)	45218	2.17376	135.9
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.644	14.645	(1.000)	440054	2.00000	
$	66 Terphenyl-d14	244	17.286	17.285	(0.913)	222420	2.02288	126.4
	67 Butylbenzylphthalate	149	Compound Not Detected.					
*	69 Chrysene-d12	240	18.929	18.929	(1.000)	353464	2.00000	
*	77 Perylene-d12	264	21.083	21.084	(1.000)	267861	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061501.d
Lab Smp Id: PB06MBS1
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12548

Calibration Date: 15-JUN-2009
Calibration Time: 12:15
Client Smp ID: PB06MBS1
Level: LOW
Sample Type: Solid

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	170403	42.26
27 Naphthalene-d8	372217	186108	744434	514666	38.27
42 Acenaphthene-d10	182713	91356	365426	260228	42.42
59 Phenanthrene-d10	286879	143440	573758	440054	53.39
69 Chrysene-d12	251912	125956	503824	353464	40.31
77 Perylene-d12	231524	115762	463048	267861	15.69

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.47	0.01
27 Naphthalene-d8	9.46	8.96	9.96	9.44	-0.21
42 Acenaphthene-d10	12.30	11.80	12.80	12.28	-0.13
59 Phenanthrene-d10	14.64	14.14	15.14	14.64	0.00
69 Chrysene-d12	18.93	18.43	19.43	18.93	0.00
77 Perylene-d12	21.08	20.58	21.58	21.08	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06MBS1
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12548

Client SDG: PB06
Fraction: SV
Client Smp ID: PB06MBS1
Operator: VTS
SampleType: BLANK
Quant Type: ISTD

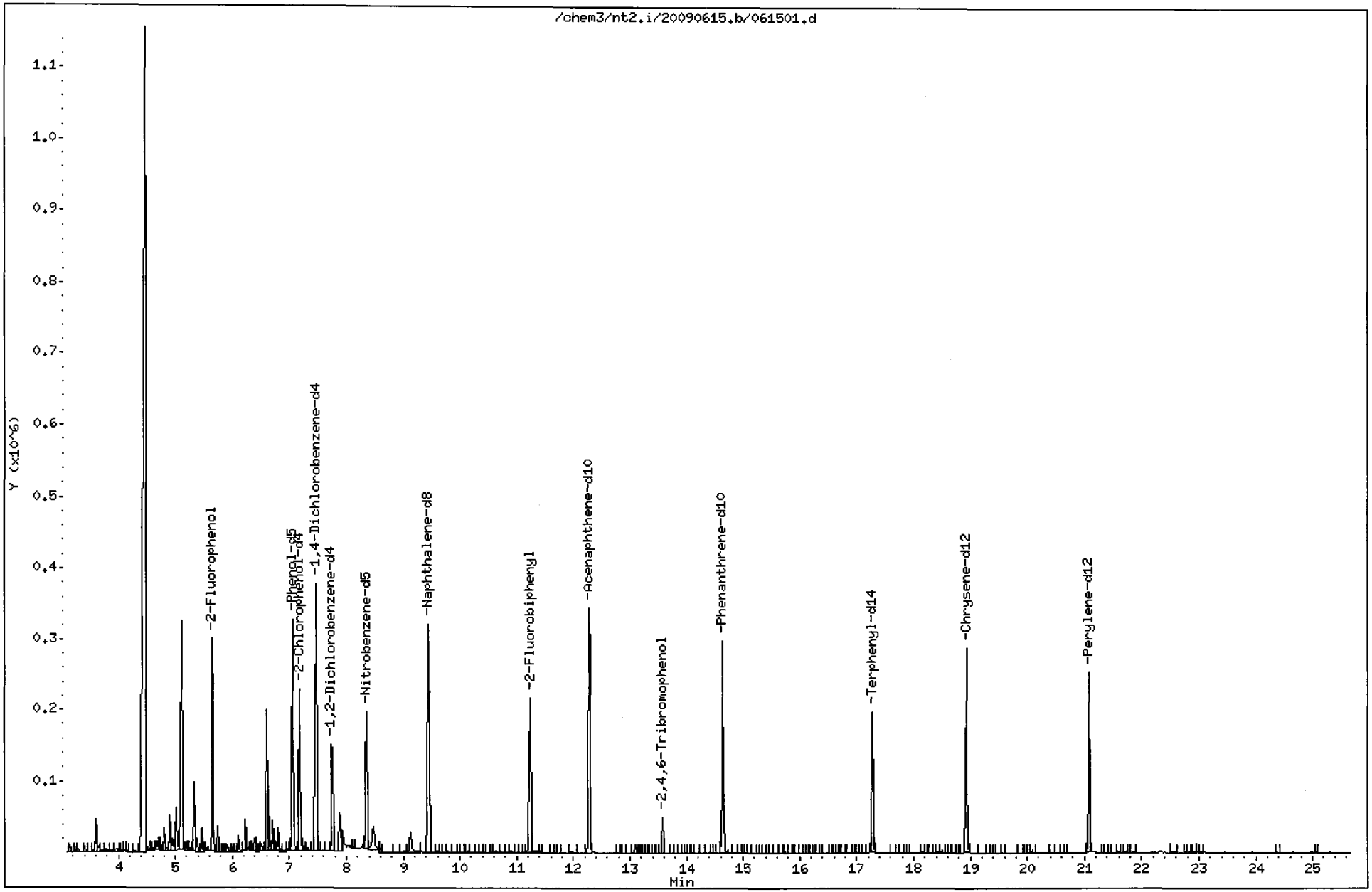
SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3 Phenol	156.3	0.000	*	30-160
7 1,3-Dichlorobenze	156.3	0.000	*	30-160
9 1,4-Dichlorobenze	156.3	0.000	*	30-160
11 Benzyl alcohol	312.5	0.000	*	30-160
12 1,2-Dichlorobenze	156.3	0.000	*	30-160
13 2-Methylphenol	156.3	0.000	*	30-160
15 4-Methylphenol	312.5	0.000	*	30-160
16 N-Nitroso-di-n-pr	156.3	0.000	*	30-160
22 2,4-Dimethylphenol	156.3	0.000	*	30-160
26 1,2,4-Trichlorobe	156.3	0.000	*	30-160
30 Hexachlorobutadie	156.3	0.000	*	30-160
50 Diethylphthalate	156.3	5.418	3.47*	30-160
54 N-Nitrosodiphenyl	156.3	0.000	*	30-160
57 Hexachlorobenzene	156.3	0.000	*	30-160
58 Pentachlorophenol	156.3	0.000	*	30-160
67 Butylbenzylphthal	156.3	0.000	*	30-160
79 Dibenzo(a,h)anthr	156.3	0.000	*	30-160
90 N-Nitrosodimethyl	156.3	0.000	*	30-160

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	234.4	129.8	55.38	30-160
$ 2 Phenol-d5	234.4	133.3	56.86	30-160
$ 5 2-Chlorophenol-d4	234.4	152.3	64.97	30-160
$ 10 1,2-Dichlorobenzen	156.3	90.29	57.79	30-160
$ 18 Nitrobenzene-d5	156.3	92.49	59.19	30-160
$ 36 2-Fluorobiphenyl	156.3	94.69	60.60	30-160
$ 55 2,4,6-Tribromophen	234.4	135.9	57.97	30-160
$ 66 Terphenyl-d14	156.3	126.4	80.92	30-160

Data File: /chem3/nt2.i/20090615.b/061501.d
Date : 15-JUN-2009 13:32
Client ID: PB06MBS1
Sample Info: PB06MBS1
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32



PB06:061501

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-07-SS-090602**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 19:45
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.2	---
106-46-7	1,4-Dichlorobenzene	6.2	---
120-82-1	1,2,4-Trichlorobenzene	6.2	---
118-74-1	Hexachlorobenzene	6.2	---
87-68-3	Hexachlorobutadiene	6.2	---
85-68-7	Butylbenzylphthalate	15	---
95-48-7	2-Methylphenol	6.2	---
105-67-9	2,4-Dimethylphenol	6.2	---
86-30-6	N-Nitrosodiphenylamine	6.2	---
100-51-6	Benzyl Alcohol	31	---
87-86-5	Pentachlorophenol	31	---
95-50-1	1,2-Dichlorobenzene	6.2	---

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	70.4%	d5-Phenol	66.9%
2-Fluorophenol	62.1%	d4-2-Chlorophenol	73.9%
d4-1,2-Dichlorobenzene	60.0%	d5-Nitrobenzene	64.4%
2,4,6-Tribromophenol	86.9%	d14-p-Terphenyl	98.4%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/061512.d
Lab Smp Id: PB06GMS Client Smp ID: BW-07-SS-090602 MS
Inj Date : 15-JUN-2009 19:45
Operator : VTS Inst ID: nt2.i
Smp Info : PB06GMS
Misc Info : 09-12548
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 12 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	23.00000	Weight of sample extracted (g)
M	29.70000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.683	5.639	(0.759)	253546	2.32798	144.0
$	2 Phenol-d5	99	7.122	7.054	(0.951)	361635	2.50761	155.1
	3 Phenol	94	7.134	7.077	(0.953)	325805	1.69397	104.8
$	5 2-Chlorophenol-d4	132	7.203	7.192	(0.962)	268051	2.76580	171.1
	7 1,3-Dichlorobenzene	146	7.416	7.415	(0.991)	200566	1.55711	96.30
*	8 1,4-Dichlorobenzene-d4	152	7.486	7.467	(1.000)	182297	2.00000	
	9 1,4-Dichlorobenzene	146	7.503	7.484	(1.002)	206464	1.54576	95.60
$	10 1,2-Dichlorobenzene-d4	152	7.762	7.761	(1.037)	103548	1.49510	92.47
	11 Benzyl alcohol	79	7.745	7.727	(1.035)	582866	4.73832	293.0
	12 1,2-Dichlorobenzene	146	7.780	7.779	(1.039)	202947	1.68731	104.4
	13 2-Methylphenol	108	7.978	7.976	(1.066)	205473	1.76641	109.2
	15 4-Methylphenol	108	8.209	8.191	(1.097)	466458	3.92217	242.6
	16 N-Nitroso-di-n-propylamine	70	8.193	8.191	(1.095)	195478	1.75715	108.7
$	18 Nitrobenzene-d5	82	8.363	8.361	(0.884)	241315	1.61303	99.76

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	22 2,4-Dimethylphenol	107	9.001	9.002	(0.951)	196983	1.45444	89.95
	26 1,2,4-Trichlorobenzene	180	9.405	9.405	(0.994)	164506	1.91869	118.7
*	27 Naphthalene-d8	136	9.462	9.463	(1.000)	551114	2.00000	
	30 Hexachlorobutadiene	225	9.808	9.808	(1.037)	86666	1.94156	120.1
$	36 2-Fluorobiphenyl	172	11.242	11.241	(0.914)	363005	1.75723	108.7
	39 Dimethylphthalate	163	11.969	11.967	(0.973)	468456	2.16287	133.8
*	42 Acenaphthene-d10	162	12.297	12.296	(1.000)	289566	2.00000	
	50 Diethylphthalate	149	13.120	13.109	(1.067)	544120	2.46491	152.4
	54 N-Nitrosodiphenylamine	169	13.386	13.387	(0.913)	290436	1.90302	117.7
$	55 2,4,6-Tribromophenol	330	13.583	13.572	(0.926)	78250	3.25630	201.4
	57 Hexachlorobenzene	284	14.183	14.183	(0.967)	121600	2.18720	135.3
	58 Pentachlorophenol	266	14.475	14.475	(0.987)	81322	2.37841	147.1
*	59 Phenanthrene-d10	188	14.660	14.645	(1.000)	508354	2.00000	
$	66 Terphenyl-d14	244	17.298	17.285	(0.912)	247975	2.46337	152.4
	67 Butylbenzylphthalate	149	18.177	18.164	(0.959)	294701	2.34117	144.8
*	69 Chrysene-d12	240	18.960	18.929	(1.000)	323608	2.00000	
*	77 Perylene-d12	264	21.115	21.084	(1.000)	128786	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.592	22.561	(1.070)	93862	1.56912	97.05
	90 N-Nitrosodimethylamine	74	3.500	3.408	(0.468)	131867	1.53253	94.78

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061512.d
Lab Smp Id: PB06GMS
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12548

Calibration Date: 15-JUN-2009
Calibration Time: 12:15
Client Smp ID: BW-07-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	182297	52.19
27 Naphthalene-d8	372217	186108	744434	551114	48.06
42 Acenaphthene-d10	182713	91356	365426	289566	58.48
59 Phenanthrene-d10	286879	143440	573758	508354	77.20
69 Chrysene-d12	251912	125956	503824	323608	28.46
77 Perylene-d12	231524	115762	463048	128786	-44.37

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.49	0.25
27 Naphthalene-d8	9.46	8.96	9.96	9.46	-0.01
42 Acenaphthene-d10	12.30	11.80	12.80	12.30	0.01
59 Phenanthrene-d10	14.64	14.14	15.14	14.66	0.11
69 Chrysene-d12	18.93	18.43	19.43	18.96	0.16
77 Perylene-d12	21.08	20.58	21.58	21.11	0.15

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06GMS
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12548

Client SDG: PB06
Fraction: SV
Client Smp ID: BW-07-SS-090602 MS
Operator: VTS
SampleType: MS
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	154.6	104.8	67.76	30-160
7	1,3-Dichlorobenzen	154.6	96.30	62.28	30-160
9	1,4-Dichlorobenzen	154.6	95.60	61.83	30-160
11	Benzyl alcohol	309.2	293.0	94.77	30-160
12	1,2-Dichlorobenzen	154.6	104.4	67.49	30-160
13	2-Methylphenol	154.6	109.2	70.66	30-160
15	4-Methylphenol	309.2	242.6	78.44	30-160
16	N-Nitroso-di-n-pro	154.6	108.7	70.29	30-160
22	2,4-Dimethylphenol	154.6	89.95	58.18	30-160
26	1,2,4-Trichloroben	154.6	118.7	76.75	30-160
30	Hexachlorobutadien	154.6	120.1	77.66	30-160
50	Diethylphthalate	154.6	152.4	98.60	30-160
54	N-Nitrosodiphenyla	154.6	117.7	76.12	30-160
57	Hexachlorobenzene	154.6	135.3	87.49	30-160
58	Pentachlorophenol	154.6	147.1	95.14	30-160
67	Butylbenzylphthala	154.6	144.8	93.65	30-160
79	Dibenzo(a,h)anthra	154.6	97.05	62.76	30-160
90	N-Nitrosodimethyla	154.6	94.78	61.30	30-160

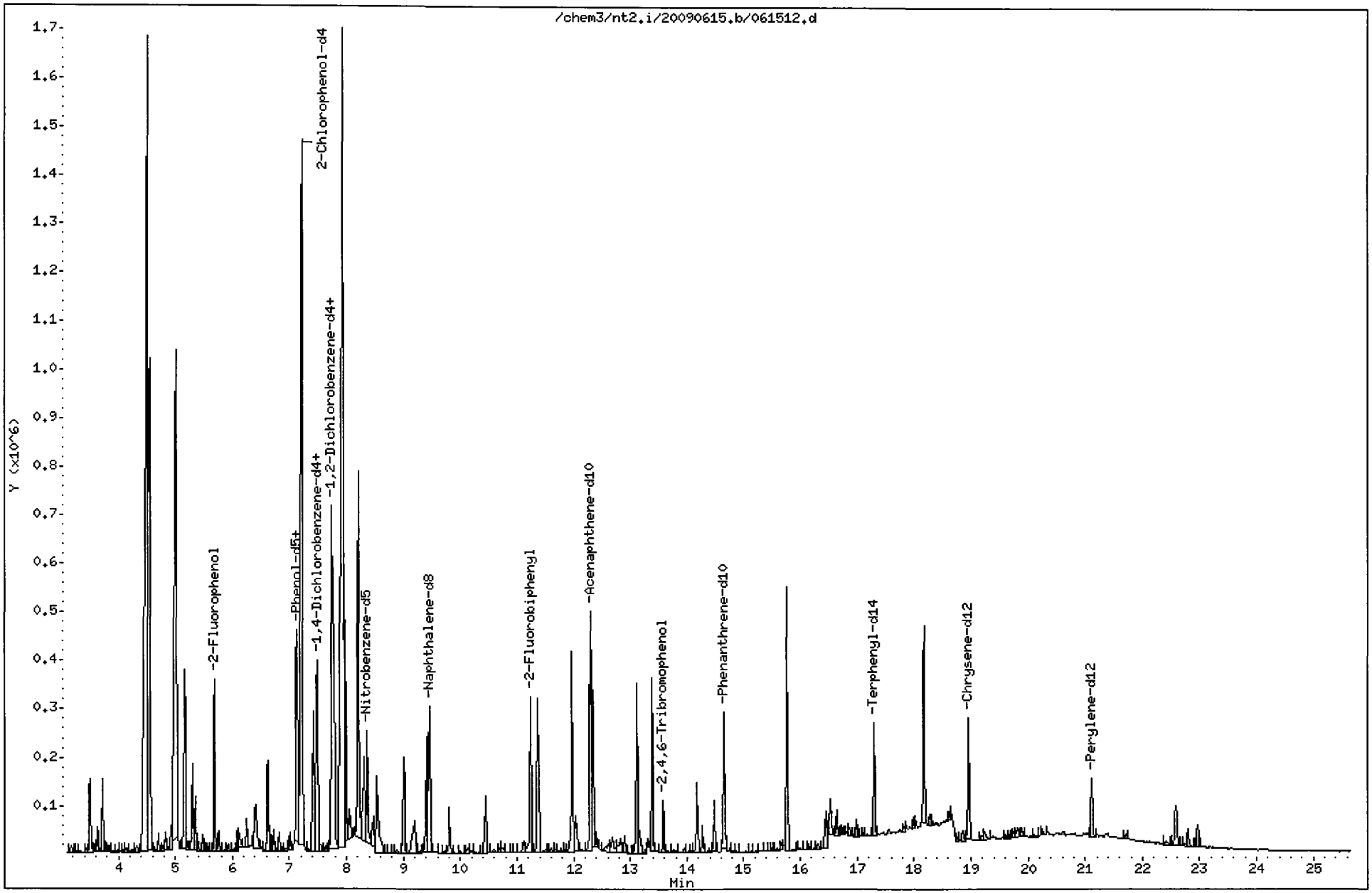
	SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	231.9	144.0	62.08	30-160
$ 2	Phenol-d5	231.9	155.1	66.87	30-160
$ 5	2-Chlorophenol-d4	231.9	171.1	73.75	30-160
$ 10	1,2-Dichlorobenzen	154.6	92.47	59.80	30-160
$ 18	Nitrobenzene-d5	154.6	99.76	64.52	30-160
$ 36	2-Fluorobiphenyl	154.6	108.7	70.29	30-160
$ 55	2,4,6-Tribromophen	231.9	201.4	86.83	30-160
$ 66	Terphenyl-d14	154.6	152.4	98.53	30-160

Data File: /chem3/nt2.i/20090615.b/061512.d
Date : 15-JUN-2009 19:45
Client ID: BW-07-SS-090602 MS
Sample Info: PB06GMS
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32

PB06:060616



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: BW-07-SS-090602**
Page 1 of 1 **MATRIX SPIKE DUPLICATE**

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 20:19
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	---
106-46-7	1,4-Dichlorobenzene	6.1	---
120-82-1	1,2,4-Trichlorobenzene	6.1	---
118-74-1	Hexachlorobenzene	6.1	---
87-68-3	Hexachlorobutadiene	6.1	---
85-68-7	Butylbenzylphthalate	15	---
95-48-7	2-Methylphenol	6.1	---
105-67-9	2,4-Dimethylphenol	6.1	---
86-30-6	N-Nitrosodiphenylamine	6.1	---
100-51-6	Benzyl Alcohol	30	---
87-86-5	Pentachlorophenol	30	---
95-50-1	1,2-Dichlorobenzene	6.1	---

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	67.2%	d5-Phenol	66.1%
2-Fluorophenol	61.9%	d4-2-Chlorophenol	71.5%
d4-1,2-Dichlorobenzene	60.8%	d5-Nitrobenzene	63.2%
2,4,6-Tribromophenol	87.2%	d14-p-Terphenyl	96.8%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/061513.d
Lab Smp Id: PB06GMSD Client Smp ID: BW-07-SS-090602 MSD
Inj Date : 15-JUN-2009 20:19
Operator : VTS Inst ID: nt2.i
Smp Info : PB06GMSD
Misc Info : 09-12548
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 13 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	23.30000	Weight of sample extracted (g)
M	29.70000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.682	5.639	(0.759)	256306	2.31856	141.5
$	2 Phenol-d5	99	7.112	7.054	(0.950)	362438	2.47606	151.2
	3 Phenol	94	7.124	7.077	(0.952)	334132	1.71160	104.5
$	5 2-Chlorophenol-d4	132	7.205	7.192	(0.963)	263143	2.67505	163.3
	7 1,3-Dichlorobenzene	146	7.416	7.415	(0.991)	212160	1.62279	99.07
*	8 1,4-Dichlorobenzene-d4	152	7.485	7.467	(1.000)	185030	2.00000	
	9 1,4-Dichlorobenzene	146	7.503	7.484	(1.002)	217628	1.60528	98.00
$	10 1,2-Dichlorobenzene-d4	152	7.762	7.761	(1.037)	107015	1.52234	92.94
	11 Benzyl alcohol	79	7.745	7.727	(1.035)	642620	5.14692	314.2
	12 1,2-Dichlorobenzene	146	7.779	7.779	(1.039)	214223	1.75475	107.1
	13 2-Methylphenol	108	7.977	7.976	(1.066)	220650	1.86887	114.1
	15 4-Methylphenol	108	8.208	8.191	(1.097)	484546	4.01409	245.1
	16 N-Nitroso-di-n-propylamine	70	8.193	8.191	(1.095)	206595	1.82965	111.7
$	18 Nitrobenzene-d5	82	8.362	8.361	(0.884)	243810	1.57762	96.31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	22 2,4-Dimethylphenol	107	9.001	9.002	(0.951)	239912	1.71479	104.7
	26 1,2,4-Trichlorobenzene	180	9.404	9.405	(0.994)	172121	1.94334	118.6
*	27 Naphthalene-d8	136	9.462	9.463	(1.000)	569312	2.00000	
	30 Hexachlorobutadiene	225	9.808	9.808	(1.037)	91303	1.98006	120.9
$	36 2-Fluorobiphenyl	172	11.241	11.241	(0.914)	363064	1.68132	102.6
	39 Dimethylphthalate	163	11.968	11.967	(0.973)	485854	2.14595	131.0
*	42 Acenaphthene-d10	162	12.296	12.296	(1.000)	302688	2.00000	
	50 Diethylphthalate	149	13.121	13.109	(1.067)	559665	2.42542	148.1
	54 N-Nitrosodiphenylamine	169	13.387	13.387	(0.913)	316396	2.03633	124.3
$	55 2,4,6-Tribromophenol	330	13.584	13.572	(0.927)	79967	3.26870	199.6
	57 Hexachlorobenzene	284	14.182	14.183	(0.967)	126883	2.24173	136.9
	58 Pentachlorophenol	266	14.474	14.475	(0.987)	88099	2.53089	154.5
*	59 Phenanthrene-d10	188	14.659	14.645	(1.000)	517538	2.00000	
$	66 Terphenyl-d14	244	17.297	17.285	(0.912)	246305	2.42274	147.9
	67 Butylbenzylphthalate	149	18.177	18.164	(0.959)	306969	2.41467	147.4
*	69 Chrysene-d12	240	18.960	18.929	(1.000)	326819	2.00000	
*	77 Perylene-d12	264	21.114	21.084	(1.000)	125452	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.591	22.561	(1.070)	92644	1.58992	97.07
	90 N-Nitrosodimethylamine	74	3.506	3.408	(0.468)	138597	1.58696	96.88

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061513.d
Lab Smp Id: PB06GMSD
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12548

Calibration Date: 15-JUN-2009
Calibration Time: 12:15
Client Smp ID: BW-07-SS-090602
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	185030	54.47
27 Naphthalene-d8	372217	186108	744434	569312	52.95
42 Acenaphthene-d10	182713	91356	365426	302688	65.66
59 Phenanthrene-d10	286879	143440	573758	517538	80.40
69 Chrysene-d12	251912	125956	503824	326819	29.74
77 Perylene-d12	231524	115762	463048	125452	-45.81

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.49	0.24
27 Naphthalene-d8	9.46	8.96	9.96	9.46	-0.01
42 Acenaphthene-d10	12.30	11.80	12.80	12.30	0.00
59 Phenanthrene-d10	14.64	14.14	15.14	14.66	0.10
69 Chrysene-d12	18.93	18.43	19.43	18.96	0.16
77 Perylene-d12	21.08	20.58	21.58	21.11	0.14

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06GMSD
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12548

Client SDG: PB06
Fraction: SV
Client Smp ID: BW-07-SS-090602 MSD
Operator: VTS
SampleType: MS
Quant Type: ISTD

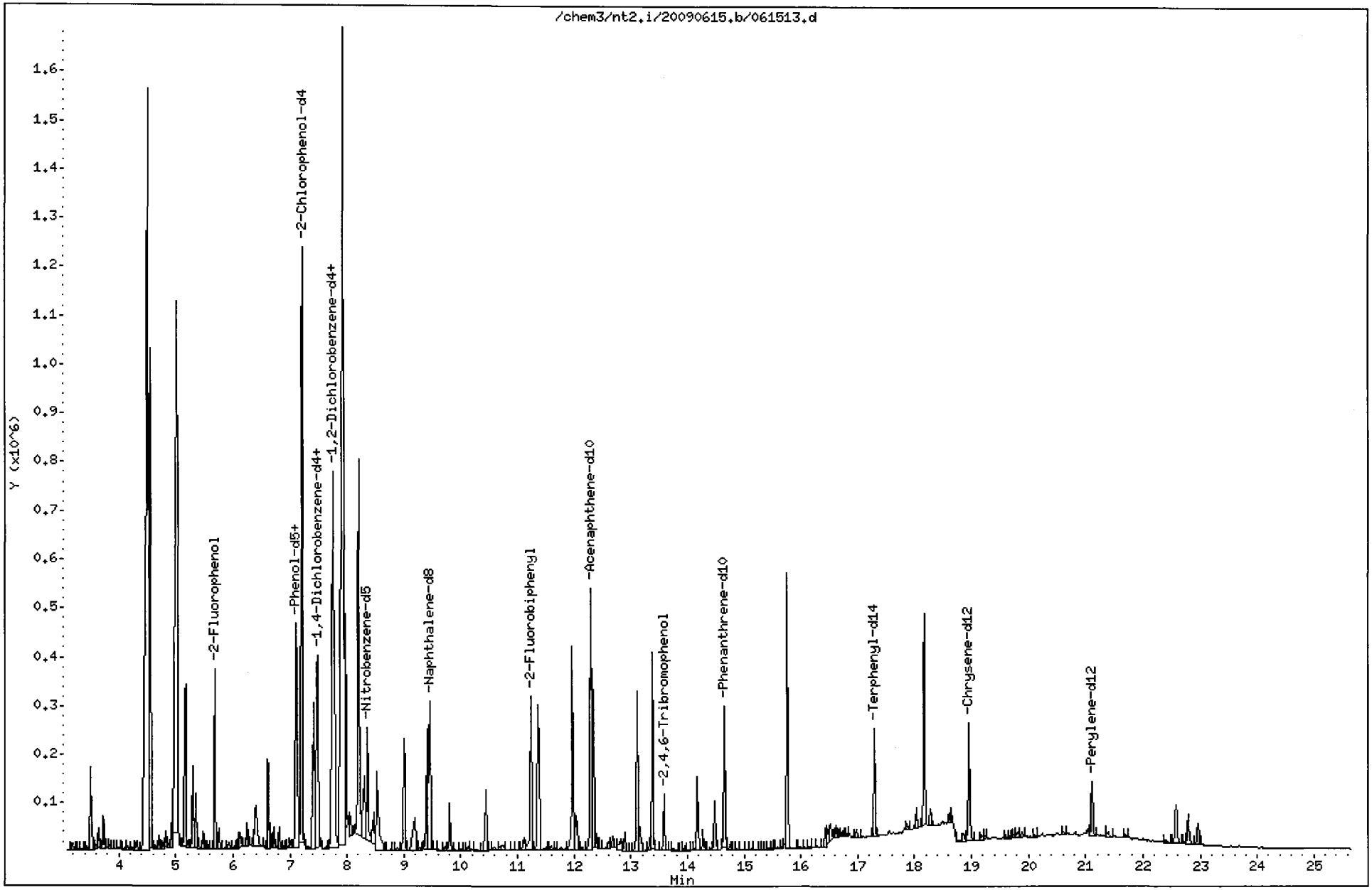
	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	152.6	104.5	68.46	30-160
7	1,3-Dichlorobenzen	152.6	99.07	64.91	30-160
9	1,4-Dichlorobenzen	152.6	98.00	64.21	30-160
11	Benzyl alcohol	305.3	314.2	102.94	30-160
12	1,2-Dichlorobenzen	152.6	107.1	70.19	30-160
13	2-Methylphenol	152.6	114.1	74.75	30-160
15	4-Methylphenol	305.3	245.1	80.28	30-160
16	N-Nitroso-di-n-pro	152.6	111.7	73.19	30-160
22	2,4-Dimethylphenol	152.6	104.7	68.59	30-160
26	1,2,4-Trichloroben	152.6	118.6	77.73	30-160
30	Hexachlorobutadien	152.6	120.9	79.20	30-160
50	Diethylphthalate	152.6	148.1	97.02	30-160
54	N-Nitrosodiphenyla	152.6	124.3	81.45	30-160
57	Hexachlorobenzene	152.6	136.9	89.67	30-160
58	Pentachlorophenol	152.6	154.5	101.24	30-160
67	Butylbenzylphthala	152.6	147.4	96.59	30-160
79	Dibenzo(a,h)anthra	152.6	97.07	63.60	30-160
90	N-Nitrosodimethyla	152.6	96.88	63.48	30-160

	SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	228.9	141.5	61.83	30-160
$ 2	Phenol-d5	228.9	151.2	66.03	30-160
$ 5	2-Chlorophenol-d4	228.9	163.3	71.33	30-160
$ 10	1,2-Dichlorobenzen	152.6	92.94	60.89	30-160
$ 18	Nitrobenzene-d5	152.6	96.31	63.10	30-160
$ 36	2-Fluorobiphenyl	152.6	102.6	67.25	30-160
$ 55	2,4,6-Tribromophen	228.9	199.6	87.17	30-160
$ 66	Terphenyl-d14	152.6	147.9	96.91	30-160

Data File: /chem3/nt2.i/20090615.b/061513.d
Date : 15-JUN-2009 20:19
Client ID: BW-07-SS-090602 MSD
Sample Info: PB06GMSD
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB06:090615



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/061502.d
Lab Smp Id: PB06LCSS1 Client Smp ID: PB06LCSS1
Inj Date : 15-JUN-2009 14:06
Operator : VTS Inst ID: nt2.i
Smp Info : PB06LCSS1
Misc Info : 09-12548
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.661	5.639	(0.758)	229724	2.13306	133.3
$	2 Phenol-d5	99	7.065	7.054	(0.946)	320047	2.24429	140.3
	3 Phenol	94	7.077	7.077	(0.948)	276847	1.45567	90.98
$	5 2-Chlorophenol-d4	132	7.192	7.192	(0.963)	213941	2.23240	139.5
	7 1,3-Dichlorobenzene	146	7.399	7.415	(0.991)	183481	1.44055	90.03
*	8 1,4-Dichlorobenzene-d4	152	7.468	7.467	(1.000)	180262	2.00000	
	9 1,4-Dichlorobenzene	146	7.486	7.484	(1.002)	186924	1.41527	88.45
$	10 1,2-Dichlorobenzene-d4	152	7.763	7.761	(1.039)	95014	1.38737	86.71
	11 Benzyl alcohol	79	7.728	7.727	(1.035)	653995	5.37657	336.0
	12 1,2-Dichlorobenzene	146	7.780	7.779	(1.042)	185493	1.55960	97.48
	13 2-Methylphenol	108	7.976	7.976	(1.068)	163129	1.41822	88.64
	15 4-Methylphenol	108	8.207	8.191	(1.099)	380867	3.23864	202.4
	16 N-Nitroso-di-n-propylamine	70	8.191	8.191	(1.097)	159993	1.45441	90.90
$	18 Nitrobenzene-d5	82	8.361	8.361	(0.885)	221134	1.50068	93.79

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	22	2,4-Dimethylphenol	107	9.001	9.002	(0.953)	82075	0.61525	38.45(R)
	26	1,2,4-Trichlorobenzene	180	9.405	9.405	(0.996)	145769	1.72608	107.9
*	27	Naphthalene-d8	136	9.443	9.463	(1.000)	542835	2.00000	
	30	Hexachlorobutadiene	225	9.808	9.808	(1.039)	78695	1.78987	111.9
$	36	2-Fluorobiphenyl	172	11.241	11.241	(0.915)	306842	1.52485	95.30
	39	Dimethylphthalate	163	11.967	11.967	(0.975)	433823	2.05623	128.5
*	42	Acenaphthene-d10	162	12.279	12.296	(1.000)	282065	2.00000	
	50	Diethylphthalate	149	13.109	13.109	(1.068)	474133	2.20498	137.8
	54	N-Nitrosodiphenylamine	169	13.387	13.387	(0.914)	237017	1.68133	105.1
$	55	2,4,6-Tribromophenol	330	13.572	13.572	(0.927)	59644	2.68711	167.9
	57	Hexachlorobenzene	284	14.183	14.183	(0.968)	97919	1.90678	119.2
	58	Pentachlorophenol	266	14.475	14.475	(0.988)	60914	1.92875	120.5
*	59	Phenanthrene-d10	188	14.645	14.645	(1.000)	469556	2.00000	
$	66	Terphenyl-d14	244	17.285	17.285	(0.913)	244370	2.00935	125.6
	67	Butylbenzylphthalate	149	18.164	18.164	(0.960)	329710	2.16805	135.5
*	69	Chrysene-d12	240	18.929	18.929	(1.000)	390960	2.00000	
*	77	Perylene-d12	264	21.084	21.084	(1.000)	275877	2.00000	
	79	Dibenzo(a,h)anthracene	278	22.561	22.561	(1.070)	310356	2.42204	151.4
	90	N-Nitrosodimethylamine	74	3.485	3.408	(0.467)	124881	1.46773	91.73

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061502.d
Lab Smp Id: PB06LCSS1
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12548

Calibration Date: 15-JUN-2009
Calibration Time: 12:15
Client Smp ID: PB06LCSS1
Level: LOW
Sample Type: Solid

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	180262	50.49
27 Naphthalene-d8	372217	186108	744434	542835	45.84
42 Acenaphthene-d10	182713	91356	365426	282065	54.38
59 Phenanthrene-d10	286879	143440	573758	469556	63.68
69 Chrysene-d12	251912	125956	503824	390960	55.20
77 Perylene-d12	231524	115762	463048	275877	19.16

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.47	0.02
27 Naphthalene-d8	9.46	8.96	9.96	9.44	-0.21
42 Acenaphthene-d10	12.30	11.80	12.80	12.28	-0.14
59 Phenanthrene-d10	14.64	14.14	15.14	14.64	0.00
69 Chrysene-d12	18.93	18.43	19.43	18.93	0.00
77 Perylene-d12	21.08	20.58	21.58	21.08	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: PB06LCSS1
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12548

Client SDG: PB06
Fraction: SV
Client Smp ID: PB06LCSS1
Operator: VTS
SampleType: LCS
Quant Type: ISTD

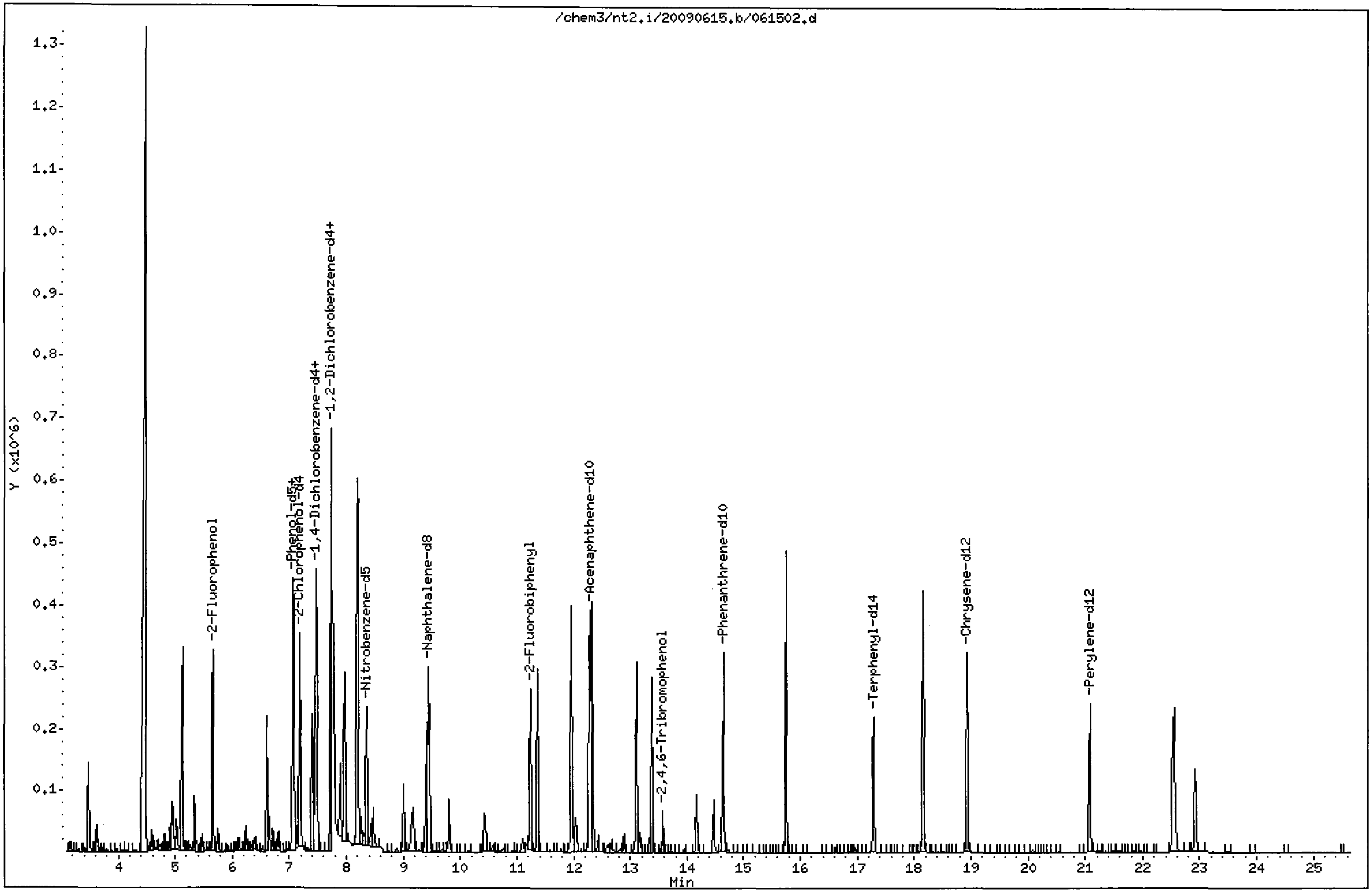
SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3 Phenol	156.3	90.98	58.23	30-160
7 1,3-Dichlorobenzen	156.3	90.03	57.62	30-160
9 1,4-Dichlorobenzen	156.3	88.45	56.61	30-160
11 Benzyl alcohol	312.5	336.0	107.53	30-160
12 1,2-Dichlorobenzen	156.3	97.48	62.38	30-160
13 2-Methylphenol	156.3	88.64	56.73	30-160
15 4-Methylphenol	312.5	202.4	64.77	30-160
16 N-Nitroso-di-n-pro	156.3	90.90	58.18	30-160
22 2,4-Dimethylphenol	156.3	38.45	24.61*	30-160
26 1,2,4-Trichloroben	156.3	107.9	69.04	30-160
30 Hexachlorobutadien	156.3	111.9	71.59	30-160
50 Diethylphthalate	156.3	137.8	88.20	30-160
54 N-Nitrosodiphenyla	156.3	105.1	67.25	30-160
57 Hexachlorobenzene	156.3	119.2	76.27	30-160
58 Pentachlorophenol	156.3	120.5	77.15	30-160
67 Butylbenzylphthala	156.3	135.5	86.72	30-160
79 Dibenzo(a,h)anthra	156.3	151.4	96.88	30-160
90 N-Nitrosodimethyla	156.3	91.73	58.71	30-160

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	234.4	133.3	56.88	30-160
$ 2 Phenol-d5	234.4	140.3	59.85	30-160
$ 5 2-Chlorophenol-d4	234.4	139.5	59.53	30-160
$ 10 1,2-Dichlorobenzen	156.3	86.71	55.49	30-160
$ 18 Nitrobenzene-d5	156.3	93.79	60.03	30-160
$ 36 2-Fluorobiphenyl	156.3	95.30	60.99	30-160
$ 55 2,4,6-Tribromophen	234.4	167.9	71.66	30-160
$ 66 Terphenyl-d14	156.3	125.6	80.37	30-160

Data File: /chem3/nt2.i/20090615.b/061502.d
Date : 15-JUN-2009 14:06
Client ID: PB06LCSS1
Sample Info: PB06LCSS1
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32



SIM Semivolatile Analysis
Extraction Bench Sheets/Run Logs

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Benchsheet

8270 SIM BAN PSDDA–Soil/Sediment
Sonication (3550B) SOP # 374S

Preparation Test BAN # 7 SIM BAN

ARI Job No(s) PB06 Batch set up by: SP

Bottle #	Extraction Requirements	Verify Client ID	Volume Extracted	KD	Turbo Vap (1) 2 3	GPC Prep Filter (1:1)	(REQ) GPC (1:1) (1) or 2 (Y) N	Post GPC KD	Turbo Vap (1) 2 3	Final Effective Volume	Volume to Lab	Comments
	MBS PB06	Date 6/08/09	16g			0.45				1mL	1mL	(Use 5g Pre-Deactivated Sodium Sulfate for Blanks)
	SBS	↓	↓							↓	↓	↓
	~~SBS Dup~~		↓							↓	↓	↓
	PB06 A	checked	36.22									
	C		34.23									
	G		23.76									
	GMS		23.08									
	GMSD		23.30									
	I		30.74									
	K		36.75									
	M		33.81									
									CSZ			
Analyst/Date:	AR 6/08/09			KP 6/09/09	WW 6/9/09 →		TH 6/9/09	AR 06/10/09	6/10/09 →			

Standard	Standard ID	Volume	Expiration Date	Analyst	Witness
Diluted Surrogate	C	100µL	3/13/10	AR	SP
Diluted Full List Spike	24	250µL	8/01/09	AR	SP
Diluted Base Spike	23	250µL	3/20/10	AR	SP
Diluted Acid Spike	14	250µL	4/14/10	AR	SP
Extraction Time:	0955				

SPECIAL INSTRUCTIONS: 1. Weigh soil/sed into 600mL or 400mL beakers. 2. Use 5g Pre-Deactivated Sodium Sulfate for Blanks. 3. Add surr/spike. 4. Add 1:1 DCM/Acetone. 5. Dry using neutral sodium sulfate-25g Max at first-A small amt of Additional sulfate may be needed after 10 min. or before 2nd sonication? 6. Sonicate 2X with 1:1 DCM/Acetone + 1X DCM only. 7. Collect into 500mL flask + Lg funnel with a small amount pre-deactivated glasswool only (NO SODIUM SULFATE). 8. KD (Small Drying Column with pre-deactivated glasswool plug+neutral Sodium Sulfate) at 85-90°. (Blanks=only 5g Sodium Sulfate. 9. TurboVap. 10. GPC Required (1:1) 11. KD (after GPC=No drying column) at 80°. 12. TurboVap. 13. Vial in DCM.
A. Need Total Solids Y /(N) B. Archive/Freeze Y /(N)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Laboratory
Analyst Notes

ARI Job No.: PB06 Client ID: Anchor Environmental, LLC

Parameter: PSDDA Sim SVOA Client Project: Bay Wood Products

SOP Number(s): 3745 No Anomalies:

List problems, concerns, corrective actions and any other pertinent information
Samples (A-N) contained water @ top. The water was discarded. All of the samples were wet. PB6/PB31/PB9 WC
Samplej M, K, I. Noticed Water on top Please check other samples also. RE 4/04/09

Analyst Initials:		Date:	

Analytical Resources Inc.: Organics Instrument Log

NT-2 Serial No.: 82321977

Date: 5/11/09 Analysis: SIM ABN Analyst: JL

GC Program: SIMWIND Column No: 154335 Column Type: 25m rtsi

Instrument Tune (.U or .CT.): df0313.U EM Voltage: 2400

Calibration File: df0511 Curve Date: 5/11/09

IS/SS	Ical/Ccal	LCS/ICV
1584-1	1550-1,2	
	(1551, 1552, 1553)-1	

INTERNAL STANDARD SUMMARY FOR DATABATCH - /chem3/nt2.i/20090511.b/tune.b

	Time	Filename	LabID	ClientId	DF									
1	1113	fs0511.d	ABN 25		1	NO ISTDS FOUND								
2	1217	ic051101.d	ABN 2.5		1	7.88	119785	9.88	372217	12.72	182713	15.09	286879	19.41	251912	21.58	231524
3	1250	ic051102.d	ABN 10		1	7.89	163823	9.90	475727	12.72	232658	15.11	392733	19.43	346324	21.58	314498
4	1323	ic051103.d	ABN 0.1		1	7.89	129315	9.88	365716	12.72	175890	15.09	301577	19.41	269577	21.57	249669
5	1357	ic051104.d	ABN 5		1	7.89	141854	9.88	426510	12.72	209873	15.11	336119	19.41	301395	21.58	274183
6	1432	ic051105.d	ABN 0.5		1	7.88	133094	9.88	388129	12.72	197507	15.09	320964	19.41	281495	21.57	255895
7	1506	ic051106.d	ABN 1		1	7.88	141330	9.88	409195	12.72	210100	15.09	330345	19.41	285999	21.57	270022
8	1540	ic051107.d	ICV		1	7.88	137062	9.88	379995	12.72	206756	15.09	313632	19.41	294587	21.57	271892
9	1639	051101.d	OW95MBS1	OW95MBS1	1	7.87	125969	9.88	395227	12.72	194966	15.09	303242	19.41	260191	21.57	171087
10	1713	051102.d	OW95LCSS1	OW95LCSS1	1	7.87	124262	9.88	382642	12.72	191566	15.09	298149	19.41	257000	21.57	187290
11	1747	051103.d	OW95SRM1	SQ-1	1	7.89	121581	9.88	379628	12.72	185402	15.11	302538	19.41	214426	21.58	176133
12	1821	051104.d	OW95A	LDW-ISWM-A5-01	3	7.89	114479	9.90	342236	12.73	203830	15.14	390990	19.49	199028	21.65	68515
13	1855	051105.d	OW95H	LDW-ISWM-A3-02	5	7.89	127419	9.88	346120	12.72	180761	15.11	286094	19.46	224707	21.63	79715

JL 5/13/09

Maintenance / Comments

New liner, clip col.

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): ICO51101

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC/MS SVOA Analyst Notes / Corrective Action Log

ARI Project ID: _____ Client ID: _____

ARI SOP: **801S**(SIM-PNA) **802S**(BTS-HX) **803S**(BTS-PW) **804S**(8270D)

Parameter(s): NTL SIM ABN CURVE 5/11/09

Instrument: NT-1 (NT-2) NT-4 NT-6 NT-8

Curve Date: _____ Analysis Start Date: _____

DFTPP Tune Meets Criteria?	(YES) / NO	Internal Standard Meets Criteria?	(YES) / NO
DDT Breakdown <20%?	(YES) / NO / NA	Method Blank In Control?	YES / NO
Peak Tailing Factor In Control?	(YES) / NO / NA	LCS / LCSD Recovery In Control?	YES / NO
ICal Meets RF & %RSD Criteria?	(YES) / NO	Surrogate Recovery In Control?	YES / NO
CCal Meets RF & %RSD Criteria?	YES / NO	Special Analysis Criteria Met?	YES / NO / NA

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

All cmpds < 20% RSD

Additional Details on Reverse: Yes / No

Analyst Signature: _____ **Date:** 5/12/09

Reviewer's Signature: _____ **Date:** 6/16/09

Analytical Resources Inc.: Organics Instrument Log

NT-2 Serial No.: 82321977

Date: 6/16/09 Analysis: SIM ABN Analyst: ML

GC Program: SIMWIND Column No: 154335 Column Type: 30m rtx5

Instrument Tune (.U or .CT.): 090313.U EM Voltage: 2600

Calibration File: fs0615 Curve Date: 5/11/09

IS/SS	Ical/Ccal	LCS/ICV
	1550-1,2	
1584-1	(1551, 1552, 1553)-1	

INTERNAL STANDARD SUMMARY FOR DATABATCH - /chem3/nt2.i/20090615.b

	Time	Filename	LabID	ClientId	DF										
1	1015	fs0615.d	ABN 25		1	7.48	695501	9.48	2621313	12.31	1387731	14.67	2235959	18.97	2181268	21.12	1806242
2	1215	cc0615.d	ABN 2.5		1	7.47	127809	9.46	386074	12.30	198525	14.64	337566	18.93	285992	21.08	233429
3	1332	061501.d	PB06MBS1	PB06MBS1	1	7.47	170403	9.44	514666	12.28	260228	14.64	440054	18.93	353464	21.08	267861
4	1406	061502.d	PB06LCSS1	PB06LCSS1	1	7.47	180262	9.44	542835	12.28	282065	14.64	469556	18.93	390960	21.08	275877
5	1439	061503.d	PB35E	3SED1-C	3	7.47	180109	9.46	524998	12.28	258663	14.64	471310	18.94	316430	21.10	234750
6	1513	061504.d	PB35G	3SED2-A	3	7.47	182024	9.46	553253	12.30	282375	14.64	516676	18.94	344541	21.10	192919
7	1547	061505.d	PB35I	3SED2-B	3	7.47	179126	9.46	552433	12.30	281792	14.66	514213	18.96	349131	21.10	207020
8	1621	061506.d	PB35J	3SED2-C	3	7.47	215075	9.46	637074	12.30	328114	14.64	604448	18.96	426405	21.13	191888
9	1655	061507.d	PB35K	3SED11-A	1	7.49	178453	9.46	532336	12.30	274034	14.64	456482	18.94	309743	21.08	165027
10	1729	061508.d	PB35M	3SED11-B	1	7.49	192009	9.46	573327	12.30	294291	14.64	516722	18.94	344869	21.10	184053
11	1803	061509.d	PB06A	BW-01-SS-09060	1	7.49	179534	9.46	545059	12.30	276458	14.64	479104	18.94	326819	21.10	156804
12	1837	061510.d	PB06C	BW-03-SS-09060	1	7.48	174675	9.44	527194	12.30	270350	14.65	468547	18.94	306746	21.10	145979
13	1911	061511.d	PB06G	BW-07-SS-09060	1	7.48	186497	9.46	570256	12.30	296088	14.64	530332	18.96	336689	21.11	138651
14	1945	061512.d	PB06GMS	BW-07-SS-09 MS	1	7.49	182297	9.46	551114	12.30	289566	14.66	508354	18.96	323608	21.11	128786
15	2019	061513.d	PB06GMSD	BW-07-SS-0 MSD	1	7.49	185030	9.46	569312	12.30	302688	14.66	517538	18.96	326819	21.11	125452
16	2054	061514.d	PB06I	BW-09-SS-09060	1	7.48	195931	9.46	595776	12.30	312542	14.64	528797	18.94	334680	21.10	125933
17	2128	061515.d	PB06K	BW-11-SS-09060	1	7.48	188549	9.46	562081	12.30	297507	14.66	514508	18.94	309578	21.10	115726
18	2202	061516.d	PB06M	BW-53-SS-09060	1	7.48	193020	9.46	577115	12.30	305188	14.66	520477	18.94	324686	21.10	121337

Maintenance / Comments ML 6/16/09

New liner, clip col

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): CC0615

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC/MS SVOA Analyst Notes / Corrective Action Log

ARI Project ID: PB06 Client ID: Anchor

ARI SOP: **801S**(SIM-PNA) **802S**(BTS-HX) **803S**(BTS-PW) **804S**(8270D)

Parameter(s): SIM AMN

Instrument: NT-1 (NT-2) NT-4 NT-6 NT-8

Curve Date: 5/11/09 Analysis Start Date: 6/13/09

DFTPP Tune Meets Criteria?	(YES) / NO	Internal Standard Meets Criteria?	(YES) / NO
DDT Breakdown <20%?	(YES) / NO / NA	Method Blank In Control?	(YES) / NO
Peak Tailing Factor In Control?	(YES) / NO / NA	LCS / LCSD Recovery In Control?	(YES) / NO
ICal Meets RF & %RSD Criteria?	(YES) / NO	Surrogate Recovery In Control?	(YES) / NO
CCal Meets RF & %RSD Criteria?	(YES) / NO	Special Analysis Criteria Met?	YES / NO / NA

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

- Diethylphthalate in MB @ J level. samples "B" Flagged.
- Not Requested.

Additional Details on Reverse: Yes / No

Analyst Signature: [signature] **Date:** 6/16/09

Reviewer's Signature: [signature] **Date:** 6/16/09

Pesticide Analysis
QC Summary Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

SW8081 PESTICIDE SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02

Client ID	DCBP	TCMX	TOT OUT
BW-01-SS-090602	95.5%	91.0%	0
BW-03-SS-090602	88.8%	83.2%	0
MB-060809	96.8%	79.2%	0
LCS-060809	98.0%	77.0%	0
BW-07-SS-090602	107%	94.2%	0
BW-07-SS-090602 MS	125%	102%	0
BW-07-SS-090602 MSD	125%	92.2%	0
BW-09-SS-090602	103%	88.2%	0
BW-11-SS-090602	91.8%	89.0%	0
BW-53-SS-090602	80.5%	84.5%	0

	LCS/MB LIMITS	QC LIMITS
(DCBP) = Decachlorobiphenyl	(42-110)	(42-137)
(TCMX) = Tetrachlorometaxylene	(50-124)	(40-119)

Prep Method: SW3550B
Log Number Range: 09-12542 to 09-12554

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-07-SS-090602
MS/MSD

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted MS/MSD: 06/08/09

Sample Amount MS: 25.5 g-dry-wt
MSD: 25.7 g-dry-wt

Date Analyzed MS: 06/15/09 15:35
MSD: 06/15/09 15:55

Final Extract Volume MS: 5.0 mL
MSD: 5.0 mL

Instrument/Analyst MS: ECD7/AAR
MSD: ECD7/AAR

Dilution Factor MS: 1.00
MSD: 1.00

GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No

Silica Gel: Yes

Percent Moisture: 29.7%

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Hexachlorobenzene	< 0.983	4.13	3.92	105%	3.78	3.90	96.9%	8.8%
Hexachlorobutadiene	< 0.983	3.33	3.92	84.9%	3.27	3.90	83.8%	1.8%

Reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: LCS-060809
LAB CONTROL

Lab Sample ID: LCS-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 20:44
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Hexachlorobenzene	3.68	4.00	92.0%
Hexachlorobutadiene	3.28	4.00	82.0%

Pest/PCB Surrogate Recovery

Decachlorobiphenyl	98.0%
Tetrachlorometaxylene	77.0%

Reported in µg/kg (ppb)

FORM 4
PESTICIDE METHOD BLANK SUMMARY

BLANK NO.

PB06MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

Lab Sample ID: PB06MBS1 Lab File ID: 0611A022

Date Extracted: 06/08/09 Matrix: SOLID

Date Analyzed: 06/11/09 Instrument ID: ECD7

Time Analyzed: 2023 GC Columns: STX-CLP1/STX-CLP2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	PB06LCSS1	PB06LCSS1	06/11/09
02	BW-01-SS-090602	PB06A	06/11/09
03	BW-03-SS-090602	PB06C	06/11/09
04	BW-09-SS-090602	PB06I	06/11/09
05	BW-11-SS-090602	PB06K	06/11/09
06	BW-53-SS-090602	PB06M	06/11/09
07	BW-07-SS-090602	PB06G	06/15/09
08	BW-07-SS-090602 MS	PB06GMS	06/15/09
09	BW-07-SS-090602 MSD	PB06GMSD	06/15/09

ALL RUNS ARE DUAL COLUMN

FORM 8
PESTICIDE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC.

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: STX-CLP1 ID: 0.53(mm) Instrument ID: ECD7

Init. Calib. Date: 05/13/09

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

			IS1 AREA	RT	IS2 AREA	RT
		ICAL MIDPT	2689543	3.796	1665600	12.664
		UPPER LIMIT	5379086	3.846	3331200	12.714
		LOWER LIMIT	1344772	3.746	832800	12.614

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME	IS1 AREA	RT	IS2 AREA	RT
01	ZZZZZ	ZZZZZ	05/13/09	2049	2801141	3.795	1695721	12.663
02		INDAC	05/13/09	2110	2689543	3.796	1665600	12.664
03		INDAA2	05/13/09	2131	2742451	3.795	1669980	12.665
04		INDAA1	05/13/09	2151	2630780	3.795	1616334	12.666
05		INDAA	05/13/09	2212	2748937	3.795	1673956	12.663
06		INDAB	05/13/09	2233	2883771	3.796	1760821	12.665
07		INDAD	05/13/09	2253	2909192	3.796	1781027	12.664
08		INDAE	05/13/09	2314	2993092	3.796	1854879	12.664
09	ZZZZZ	ZZZZZ	05/13/09	2335	2689230	3.796	1660644	12.666
10	ZZZZZ	ZZZZZ	05/13/09	2355	2651804	3.795	1642843	12.665
11		WNDC	05/14/09	0016	3224356	3.796	2040261	12.664
12		WNDA2	05/14/09	0037	2615111	3.796	1609368	12.666
13		WNDA1	05/14/09	0057	2744890	3.795	1698249	12.666
14		WNDA	05/14/09	0118	2926431	3.796	1807011	12.665
15		WNDB	05/14/09	0139	2777855	3.796	1719920	12.666
16		WNDD	05/14/09	0159	2828058	3.796	1753457	12.666
17		WNDE	05/14/09	0220	2711321	3.796	1689770	12.665
18	ZZZZZ	ZZZZZ	05/14/09	0241	3104370	3.796	1921133	12.665
19		TOXAPH 500	05/14/09	0301	2461031	3.796	1521131	12.667
20	ZZZZZ	ZZZZZ	05/14/09	0322	2520226	3.796	1598843	12.667
21	ZZZZZ	ZZZZZ	05/14/09	0343	2590291	3.796	1666398	12.666
22	ZZZZZ	ZZZZZ	05/14/09	0403	2584029	3.796	1699496	12.665
23	ZZZZZ	ZZZZZ	05/14/09	0424	2442392	3.795	1670794	12.665
24	ZZZZZ	ZZZZZ	05/14/09	0445	2715974	3.796	1927619	12.664
25	ZZZZZ	ZZZZZ	05/14/09	0505	2711358	3.795	1699097	12.666
26		DS	06/11/09	1921	2007264	3.796	1126918	12.667
27		INDAC	06/11/09	1942	2428718	3.797	1407586	12.665
28		WNDC	06/11/09	2003	2152705	3.797	1250802	12.667
29	PB06MBS1	PB06MBS1	06/11/09	2023	2279090	3.796	1308800	12.662
30	PB06LCSS1	PB06LCSS1	06/11/09	2044	2275947	3.796	1322843	12.662
31	BW-01-SS-090	PB06A	06/11/09	2105	2314957	3.796	1286347	12.657
32	BW-03-SS-090	PB06C	06/11/09	2125	2313545	3.797	1295707	12.657
33	BW-09-SS-090	PB06I	06/11/09	2248	2286173	3.796	1256314	12.656
34	BW-11-SS-090	PB06K	06/11/09	2329	2299904	3.796	1266402	12.657
35	BW-53-SS-090	PB06M	06/11/09	2350	2273225	3.796	1355420	12.657

IS1 = 1-Bromo-2-Nitrobenzene RT Window = RT +/- .05 min
IS2 = Hexabromobiphenyl

* Indicates value outside QC Limits

FORM 8
PESTICIDE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC.

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: STX-CLP1 ID: 0.53(mm) Instrument ID: ECD7

Init. Calib. Date: 05/13/09

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

			IS1 AREA	RT	IS2 AREA	RT
		ICAL MIDPT	2689543	3.796	1665600	12.664
		UPPER LIMIT	5379086	3.846	3331200	12.714
		LOWER LIMIT	1344772	3.746	832800	12.614

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME	IS1 AREA	RT	IS2 AREA	RT
36	ZZZZZ	ZZZZZ	06/12/09	0011	2214564	3.797	1246108	12.664
37	ZZZZZ	ZZZZZ	06/12/09	0031	2210499	3.796	1259964	12.664
38		DS	06/12/09	0052	2087666	3.797	1173765	12.665
39		INDAC	06/12/09	0113	2519926	3.797	1470508	12.664
40		WNDC	06/12/09	0133	2220906	3.797	1286684	12.665
41		TOXAPH	06/12/09	0154	2188575	3.796	1261657	12.669
42		DS	06/15/09	1310	2660029	3.797	1586096	12.663
43		INDAC	06/15/09	1330	3232231	3.796	2006208	12.663
44		WNDC	06/15/09	1351	2519290	3.796	1571611	12.664
45		TOXAPH	06/15/09	1412	2525579	3.796	1545238	12.665
46	BW-07-SS-090	PB06G	06/15/09	1514	2439534	3.796	1423471	12.658
47	BW-07-SS-090	PB06GMS	06/15/09	1535	2570558	3.796	1552298	12.657
48	BW-07-SS-090	PB06GMSD	06/15/09	1555	2361845	3.797	1545224	12.660
49	ZZZZZ	ZZZZZ	06/15/09	1616	2453265	3.797	1358413	12.663
50	ZZZZZ	ZZZZZ	06/15/09	1637	2456102	3.797	1393341	12.664
51		DS	06/15/09	1657	2553420	3.797	1414859	12.664
52		INDAC	06/15/09	1718	3216663	3.797	1841306	12.663
53		WNDC	06/15/09	1739	2470838	3.797	1389740	12.665

IS1 = 1-Bromo-2-Nitrobenzene RT Window = RT +/- .05 min
IS2 = Hexabromobiphenyl

* Indicates value outside QC Limits

FORM 8
PESTICIDE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC.

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: STX-CLP2 ID: 0.53(mm) Instrument ID: ECD7

Init. Calib. Date: 05/13/09

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

		IS1 AREA	RT	IS2 AREA	RT
	ICAL MIDPT	3193166	4.288	1340104	14.859
	UPPER LIMIT	6386332	4.338	2680208	14.909
	LOWER LIMIT	1596583	4.238	670052	14.809

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME	IS1 AREA	RT	IS2 AREA	RT
01	ZZZZZ	ZZZZZ	05/13/09	2049	3305021	4.288	1367682	14.858
02		INDAC	05/13/09	2110	3193166	4.288	1340104	14.859
03		INDAA2	05/13/09	2131	3260324	4.288	1341551	14.858
04		INDAA1	05/13/09	2151	3141085	4.288	1295321	14.861
05		INDAA	05/13/09	2212	3240643	4.288	1343015	14.859
06		INDAB	05/13/09	2233	3392836	4.289	1414967	14.861
07		INDAD	05/13/09	2253	3418992	4.289	1425073	14.858
08		INDAE	05/13/09	2314	3491308	4.289	1484110	14.861
09	ZZZZZ	ZZZZZ	05/13/09	2335	3183985	4.289	1335677	14.861
10	ZZZZZ	ZZZZZ	05/13/09	2355	3149090	4.288	1321788	14.860
11		WNDC	05/14/09	0016	3760551	4.289	1634877	14.861
12		WNDA2	05/14/09	0037	3106250	4.289	1293972	14.860
13		WNDA1	05/14/09	0057	3257114	4.288	1368797	14.859
14		WNDA	05/14/09	0118	3441958	4.289	1455012	14.860
15		WNDB	05/14/09	0139	3275466	4.288	1386159	14.860
16		WNDD	05/14/09	0159	3318806	4.289	1417911	14.860
17		WNDE	05/14/09	0220	3172136	4.289	1368599	14.859
18	ZZZZZ	ZZZZZ	05/14/09	0241	3578847	4.289	1526922	14.860
19		TOXAPH 500	05/14/09	0301	2920684	4.289	1228850	14.860
20	ZZZZZ	ZZZZZ	05/14/09	0322	2993414	4.289	1289794	14.861
21	ZZZZZ	ZZZZZ	05/14/09	0343	3074387	4.289	1316844	14.860
22	ZZZZZ	ZZZZZ	05/14/09	0403	3048843	4.288	1313475	14.860
23	ZZZZZ	ZZZZZ	05/14/09	0424	2882916	4.288	1237903	14.859
24	ZZZZZ	ZZZZZ	05/14/09	0445	3176006	4.289	1375113	14.859
25	ZZZZZ	ZZZZZ	05/14/09	0505	3205185	4.288	1381687	14.859
26		DS	06/11/09	1921	2287052	4.289	891177	14.863
27		INDAC	06/11/09	1942	2738588	4.290	1139058	14.861
28		WNDC	06/11/09	2003	2478136	4.289	1017948	14.861
29	PB06MBS1	PB06MBS1	06/11/09	2023	2471339	4.289	1004430	14.859
30	PB06LCSS1	PB06LCSS1	06/11/09	2044	2430290	4.289	1005171	14.859
31	BW-01-SS-090	PB06A	06/11/09	2105	2521163	4.289	1004435	14.858
32	BW-03-SS-090	PB06C	06/11/09	2125	2502728	4.289	1009276	14.859
33	BW-09-SS-090	PB06I	06/11/09	2248	2483036	4.289	930423	14.856
34	BW-11-SS-090	PB06K	06/11/09	2329	2518664	4.289	977134	14.857
35	BW-53-SS-090	PB06M	06/11/09	2350	2473568	4.289	1057872	14.858

IS1 = 1-Bromo-2-Nitrobenzene RT Window = RT +/- .05 min
IS2 = Hexabromobiphenyl

* Indicates value outside QC Limits

FORM 8
PESTICIDE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC.

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: STX-CLP2 ID: 0.53(mm) Instrument ID: ECD7

Init. Calib. Date: 05/13/09

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

		IS1 AREA	RT	IS2 AREA	RT
	ICAL MIDPT	3193166	4.288	1340104	14.859
	UPPER LIMIT	6386332	4.338	2680208	14.909
	LOWER LIMIT	1596583	4.238	670052	14.809

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME	IS1 AREA	RT	IS2 AREA	RT
36	ZZZZZ	ZZZZZ	06/12/09	0011	2502959	4.289	995939	14.859
37	ZZZZZ	ZZZZZ	06/12/09	0031	2537829	4.289	1016046	14.858
38		DS	06/12/09	0052	2410374	4.289	941955	14.859
39		INDAC	06/12/09	0113	2861509	4.290	1179196	14.860
40		WNDC	06/12/09	0133	2569661	4.289	1061542	14.859
41		TOXAPH	06/12/09	0154	2537871	4.289	1030229	14.861
42		DS	06/15/09	1310	2544909	4.289	1087562	14.862
43		INDAC	06/15/09	1330	3143443	4.289	1410051	14.866
44		WNDC	06/15/09	1351	2551353	4.289	1114399	14.864
45		TOXAPH	06/15/09	1412	2591509	4.289	1127846	14.864
46	BW-07-SS-090	PB06G	06/15/09	1514	2410679	4.289	924778	14.860
47	BW-07-SS-090	PB06GMS	06/15/09	1535	2588058	4.289	963053	14.864
48	BW-07-SS-090	PB06GMSD	06/15/09	1555	2429147	4.289	956394	14.877
49	ZZZZZ	ZZZZZ	06/15/09	1616	2651814	4.290	1023561	14.859
50	ZZZZZ	ZZZZZ	06/15/09	1637	2703084	4.290	1091263	14.862
51		DS	06/15/09	1657	2824395	4.290	1153952	14.861
52		INDAC	06/15/09	1718	3505714	4.289	1503846	14.860
53		WNDC	06/15/09	1739	2764084	4.289	1135632	14.862

IS1 = 1-Bromo-2-Nitrobenzene RT Window = RT +/- .05 min
IS2 = Hexabromobiphenyl

* Indicates value outside QC Limits

Pesticide Analysis
Sample Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-01-SS-090602
SAMPLE

Lab Sample ID: PB06A
LIMS ID: 09-12542
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 21:05
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: 54.8%

CAS Number	Analyte	RL	Result
118-74-1	Hexachlorobenzene	0.98	< 0.98 U
87-68-3	Hexachlorobutadiene	0.98	< 0.98 U

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery

Decachlorobiphenyl	95.5%
Tetrachlorometaxylene	91.0%

FORM I

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

AR 6/16/09

Data file 1: /chem2/ecd7.i/20090513.b/0611-1.b/0611A024.d ARI ID: PB06A
Data file 2: /chem2/ecd7.i/20090513.b/0611-2.b/0611A024.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 11-JUN-2009 21:05
Compound Sublist: wpest Report Date: 06/16/2009 11:26
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.796	0.001	2314957	4.289	0.001	2521163	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.222	-0.012	28533	----			0.7849	0.0000	---	alpha-BHC
5.619	0.021	30396	6.333	0.020	17169	1.8948	0.9954	62.2*	beta-BHC A B
5.758	0.010	160218	6.637	0.017	136863	5.1322	3.3462	42.1*	delta-BHC A B
5.501	-0.015	22812	6.230	-0.012	23704	0.7001	0.5599	22.3	gamma-BHC (Lindane) A B
5.918	-0.003	143846	6.714	0.012	59479	4.1568	1.3692	100.9*	Heptachlor A B
6.215	0.030	100569	7.039	-0.036	105184	3.2400	2.5724	23.0	Aldrin A B
6.802	0.042	207945	7.836	0.031	90910	6.0434	2.6215	79.0*	Heptachlor epoxide b A B
7.185	-0.001	7420	----			0.2178	0.0000	---	Endosulfan I
7.451	-0.019	101418	8.912	-0.013	49965	3.2964	1.2946	87.2*	Dieldrin A B
7.102	-0.016	92576	8.571	-0.002	38176	3.7790	1.0328	114.1*	4,4'-DDE A B
----			9.549	-0.017	86749	0.0000	2.5488	---	Endrin
8.130	0.034	23677	10.072	0.012	338137	1.0182	10.4052	164.3*	Endosulfan II A B
7.883	0.013	131304	9.781	-0.003	23143	5.6317	0.7353	153.8*	4,4'-DDD A B
9.634	-0.048	24097	11.575	-0.008	30704	1.0606	1.0614	0.1	Endosulfan sulfate A B
----			10.635	0.012	186648	0.0000	6.8266	---	4,4'-DDT
9.199	0.017	44792	12.127	-0.004	11222	3.5301	0.9189	117.4*	Methoxychlor A B
10.369	0.028	46022	12.536	0.040	14171	1.6114	0.4380	114.5*	Endrin ketone A B
8.792	0.000	22897	----			1.1690	0.0000	---	Endrin aldehyde
6.879	-0.009	122382	8.103	0.016	94142	3.9706	2.4100	48.9*	gamma-Chlordane A B
7.052	0.022	58050	8.317	-0.002	29707	2.0023	0.7742	88.5*	alpha-Chlordane A B
2.428	-0.035	34194	2.981	-0.004	38034	0.7124	0.6759 LRL	5.3	Hexachlorobutadiene A B
5.071	0.001	90632	5.768	0.002	92516	2.8962	2.3149 LRL	22.3	Hexachlorobenzene A B
6.626	-0.032	178127	7.642	-0.034	80259	7.2149	2.5414	95.8*	Oxychlordane A B
----			8.041	-0.019	105195	0.0000	4.3057	---	2,4-DDE
6.970	-0.040	135025	8.205	-0.024	179170	4.8450	5.1653	6.4	trans-Nonachlor A B
7.361	0.045	67649	----			3.9286	0.0000	---	2,4-DDD
7.660	0.033	27187	----			1.5025	0.0000	---	2,4-DDT
7.815	0.000	114285	----			3.8624	0.0000	---	cis-Nonachlor
9.400	-0.008	75306	12.412	-0.024	76572	3.4937	4.0335	14.3	Mirex A B
12.657	-0.009	1286347	14.858	-0.001	1004435	80.0000	80.0000	0.0	Hexabromobiphenyl A B
1.653	-0.003	90	2.108	-0.037	37235	0.0519	0.4901	161.7*	Hexachloroethane B
4.687	0.001	958420	5.306	0.000	934656	36.4096	29.4508 ✓	21.1	Tetrachloro-m-xylene A B
12.449	-0.002	824336	14.162	-0.001	834544	35.3444	38.2078 ✓	7.8	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	91.0	73.6 ✓	73.6~	150- 0

PB06:00640

Decachlorobiphenyl	88.4	95.5 ✓	88.4~	150-	0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2314957	-19.6
Hexabromobiphenyl	1666064	1286347	-22.8

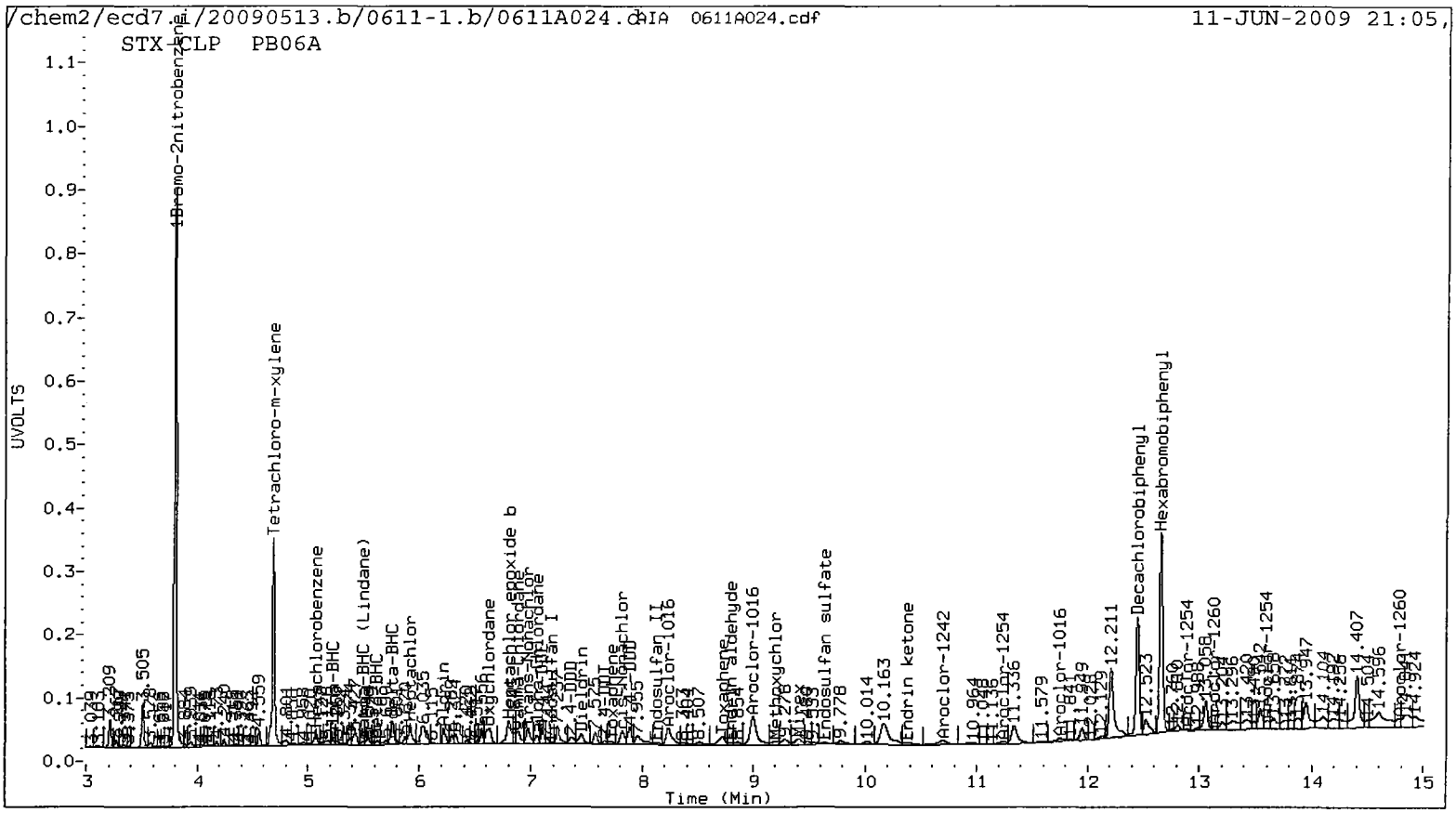
Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	2521163	-21.0
Hexabromobiphenyl	1322411	1004435	-24.0

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	STX-CLP Col RT	Shift	Height	Amount	Peak#	CLP2 Col RT	Shift	Height	Amount
Toxaphene	1	7.722	0.013	27752	29.194	1	---			0.000
Toxaphene	2	8.232	0.047	192107	154.187	2	---			0.000
Toxaphene	3	---			0.000	3	11.025	0.045	70523	36.188
Toxaphene	4	8.717	-0.024	114587	80.754	4	12.070	0.041	116320	79.102
Toxaphene	5	9.400	-0.038	75306	54.089	5	12.887	-0.020	8177	14.123
Toxaphene	6	---			0.000	NS	---			----
Total STX-CLPAve (4 peaks): 79.556						Total CLP2Ave (3 peaks): 43.138				RPD = 59*
Corrected Ave (3 peaks): 54.679						Corrected Ave: < 3 Peaks				
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
Aroclor-1016	5	---			0.000	5	---			0.000
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
Aroclor-1221	4	---			0.000	4	---			0.000
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
Aroclor-1232	5	---			0.000	5	---			0.000
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	5	---			0.000	5	---			0.000
Aroclor-1242	6	---			0.000	NS	---			----
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000

Aroclor-1248	2	---	0.000	2	---	0.000
Aroclor-1248	3	---	0.000	3	---	0.000
Aroclor-1248	4	---	0.000	4	---	0.000
Aroclor-1248	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1254	1	---	0.000	1	---	0.000
Aroclor-1254	2	---	0.000	2	---	0.000
Aroclor-1254	3	---	0.000	3	---	0.000
Aroclor-1254	4	---	0.000	4	---	0.000
Aroclor-1254	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1260	1	---	0.000	1	---	0.000
Aroclor-1260	2	---	0.000	2	---	0.000
Aroclor-1260	3	---	0.000	3	---	0.000
Aroclor-1260	4	---	0.000	4	---	0.000
Aroclor-1260	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1262	1	---	0.000	1	---	0.000
Aroclor-1262	2	---	0.000	2	---	0.000
Aroclor-1262	3	---	0.000	3	---	0.000
Aroclor-1262	4	---	0.000	4	---	0.000
Aroclor-1262	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1268	1	---	0.000	1	---	0.000
Aroclor-1268	2	---	0.000	2	---	0.000
Aroclor-1268	3	---	0.000	3	---	0.000
Aroclor-1268	4	---	0.000	4	---	0.000
Aroclor-1268	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	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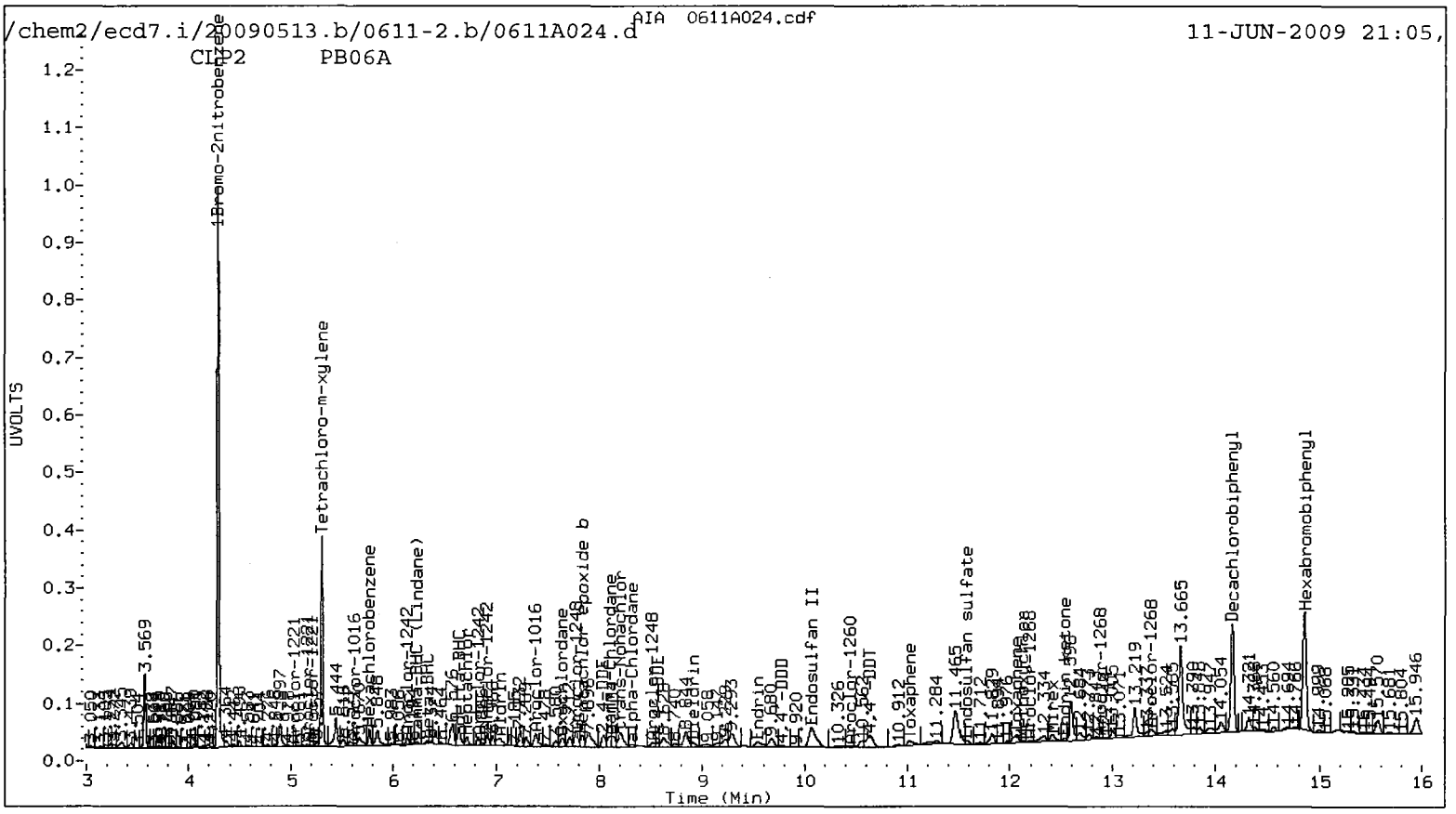
11-JUN-2009 21:05,
STX CLP PB06A
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
Aroclor-1016
Endosulfan sulfate
Endrin ketone
Aroclor-1242
Aroclor-1254
Aroclor-1260
Decachlorobiphenyl
Hexabromobiphenyl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AIA 0611A024.cdf
11-JUN-2009 21:05,
CLP2 PB06A
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
Aroclor-1016
Endosulfan sulfate
Endrin ketone
Aroclor-1242
Aroclor-1254
Aroclor-1260
Decachlorobiphenyl
Hexabromobiphenyl

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-03-SS-090602
SAMPLE

Lab Sample ID: PB06C
LIMS ID: 09-12544
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 21:25
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: 52.4%

CAS Number	Analyte	RL	Result
118-74-1	Hexachlorobenzene	0.99	< 0.99 U
87-68-3	Hexachlorobutadiene	0.99	< 0.99 U

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery

Decachlorobiphenyl	88.8%
Tetrachlorometaxylene	83.2%

FORM I

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

AR 6/16/09

Data file 1: /chem2/ecd7.i/20090513.b/0611-1.b/0611A025.d ARI ID: PB06C
Data file 2: /chem2/ecd7.i/20090513.b/0611-2.b/0611A025.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 11-JUN-2009 21:25
Compound Sublist: wpest Report Date: 06/16/2009 11:26
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.797	0.001	2313545	4.289	0.000	2502728	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.222	-0.013	15341	5.850	-0.049	74798	0.4223	1.5874	116.0*	alpha-BHC A B
5.582	-0.017	8865	6.324	0.010	23510	0.5530	1.3730	85.2*	beta-BHC A B
5.759	0.011	105394	6.637	0.017	105402	3.3781	2.5960	26.2	delta-BHC A B
5.531	0.015	24299	6.229	-0.013	19042	0.7462	0.4531	48.9*	gamma-BHC (Lindane) A B
5.918	-0.002	117462	6.713	0.011	32564	3.3964	0.7552	127.2*	Heptachlor A B
6.215	0.031	67529	7.039	-0.036	80289	2.1769	1.9780	9.6	Aldrin A B
6.803	0.042	116021	7.779	-0.026	46383	3.3739	1.3474	85.8*	Heptachlor epoxide b A B
7.186	0.000	7638	----			0.2244	0.0000	---	Endosulfan I
7.454	-0.016	37892	8.920	-0.005	32299	1.2324	0.8430	37.5	Dieldrin A B
7.108	-0.009	52148	8.570	-0.002	44747	2.1300	1.2195	54.4*	4,4'-DDE A B
----			9.565	-0.001	61078	0.0000	1.7859	---	Endrin
8.114	0.018	15976	10.071	0.011	237152	0.6821	7.2627	165.7*	Endosulfan II A B
7.884	0.015	143842	9.782	-0.003	24571	6.1249	0.7769	155.0*	4,4'-DDD A B
9.634	-0.048	14840	----			0.6484	0.0000	---	Endosulfan sulfate
8.291	0.007	41440	10.630	0.007	33955	1.8304	1.2360	38.8	4,4'-DDT A B
9.182	0.000	18527	----			1.4496	0.0000	---	Methoxychlor
10.379	0.038	31531	12.535	0.039	19324	1.0961	0.5944	59.4*	Endrin ketone A B
8.785	-0.007	7267	----			0.3683	0.0000	---	Endrin aldehyde
6.883	-0.006	99600	8.103	0.016	126235	3.2334	3.2555	0.7	gamma-Chlordane A B
7.053	0.024	36283	8.316	-0.004	21013	1.2523	0.5517	77.7*	alpha-Chlordane A B
2.431	-0.033	27985	2.981	-0.005	38976	0.5834	0.6977 LRL	17.8	Hexachlorobutadiene A B
5.071	0.001	92984	5.767	0.001	91434	2.9732	2.3047 LRL	25.3	Hexachlorobenzene A B
6.628	-0.030	163754	7.645	-0.031	88277	6.5848	2.8159	80.2*	Oxychlordane A B
6.724	-0.026	6893	8.043	-0.017	16983	0.3649	0.7002	63.0*	2,4-DDE A B
6.971	-0.039	140269	8.204	-0.025	158293	4.9968	4.5416	9.5	trans-Nonachlor A B
7.308	-0.008	4382	----			0.2527	0.0000	---	2,4-DDD
7.669	0.042	16044	----			0.8803	0.0000	---	2,4-DDT
7.812	-0.003	31386	----			1.0531	0.0000	---	cis-Nonachlor
9.403	-0.005	77579	12.411	-0.025	62300	3.5732	3.2660	9.0	Mirex A B
12.657	-0.009	1295707	14.859	0.000	1009276	80.0000	80.0000	0.0	Hexabromobiphenyl A B
1.653	-0.003	83	2.107	-0.038	38418	0.0480	0.5093	165.5*	Hexachloroethane B
4.687	0.001	876695	5.306	0.000	862399	33.3252	27.3741	19.6	Tetrachloro-m-xylene A B
12.449	-0.002	773769	14.163	0.000	779213	32.9366	35.5035	7.5	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	83.3	68.4	68.4	150- 0

Decachlorobiphenyl	82.3	88.8	82.3~	150-	0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2313545	-19.7
Hexabromobiphenyl	1666064	1295707	-22.2

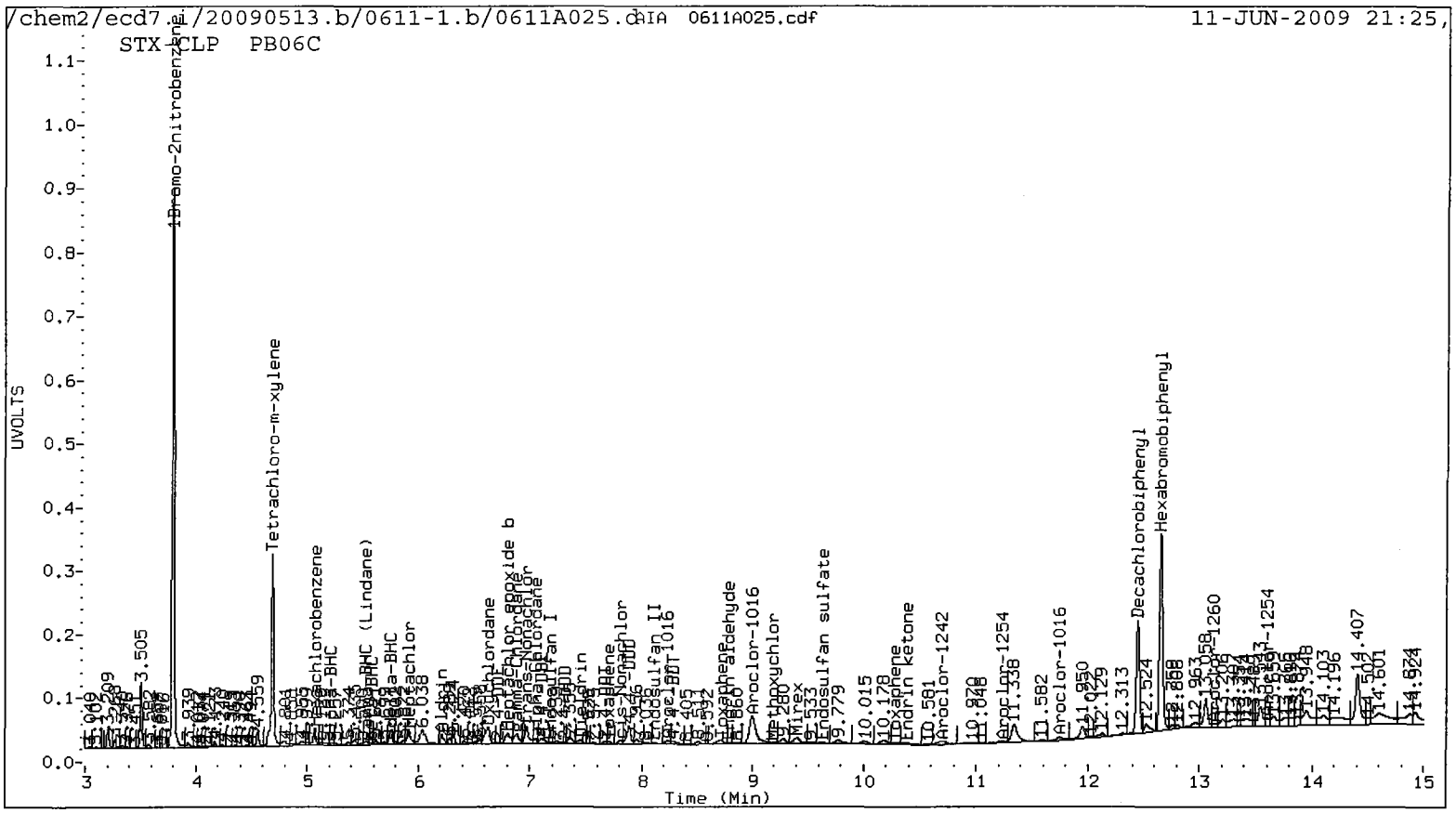
Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	2502728	-21.6
Hexabromobiphenyl	1322411	1009276	-23.7

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	STX-CLP Col RT	Shift	Height	Amount	Peak#	CLP2 Col RT	Shift	Height	Amount
Toxaphene	1	7.705	-0.004	19319	20.176	1	9.419	-0.009	16610	17.167
Toxaphene	2	8.232	0.047	32638	26.006	2	10.313	0.041	10483	6.120
Toxaphene	3	8.291	0.021	41440	41.715	3	11.025	0.045	59542	30.407
Toxaphene	4	8.718	-0.023	55132	38.573	4	12.070	0.041	104600	70.791
Toxaphene	5	9.403	-0.035	77579	55.320	5	12.890	-0.016	14212	24.430
Toxaphene	6	10.272	-0.006	24598	29.869	NS	---			----
Total STX-CLPAve (6 peaks): 35.277						Total CLP2Ave (5 peaks): 29.783				RPD = 17
Corrected Ave (6 peaks): 35.277						Corrected Ave (4 peaks): 19.531				RPD = 57*
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
Aroclor-1016	5	---			0.000	5	---			0.000
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
Aroclor-1221	4	---			0.000	4	---			0.000
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
Aroclor-1232	5	---			0.000	5	---			0.000
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	5	---			0.000	5	---			0.000
Aroclor-1242	6	---			0.000	NS	---			----
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000

Aroclor-1248	2	---	0.000	2	---	0.000
Aroclor-1248	3	---	0.000	3	---	0.000
Aroclor-1248	4	---	0.000	4	---	0.000
Aroclor-1248	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1254	1	---	0.000	1	---	0.000
Aroclor-1254	2	---	0.000	2	---	0.000
Aroclor-1254	3	---	0.000	3	---	0.000
Aroclor-1254	4	---	0.000	4	---	0.000
Aroclor-1254	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1260	1	---	0.000	1	---	0.000
Aroclor-1260	2	---	0.000	2	---	0.000
Aroclor-1260	3	---	0.000	3	---	0.000
Aroclor-1260	4	---	0.000	4	---	0.000
Aroclor-1260	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1262	1	---	0.000	1	---	0.000
Aroclor-1262	2	---	0.000	2	---	0.000
Aroclor-1262	3	---	0.000	3	---	0.000
Aroclor-1262	4	---	0.000	4	---	0.000
Aroclor-1262	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1268	1	---	0.000	1	---	0.000
Aroclor-1268	2	---	0.000	2	---	0.000
Aroclor-1268	3	---	0.000	3	---	0.000
Aroclor-1268	4	---	0.000	4	---	0.000
Aroclor-1268	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		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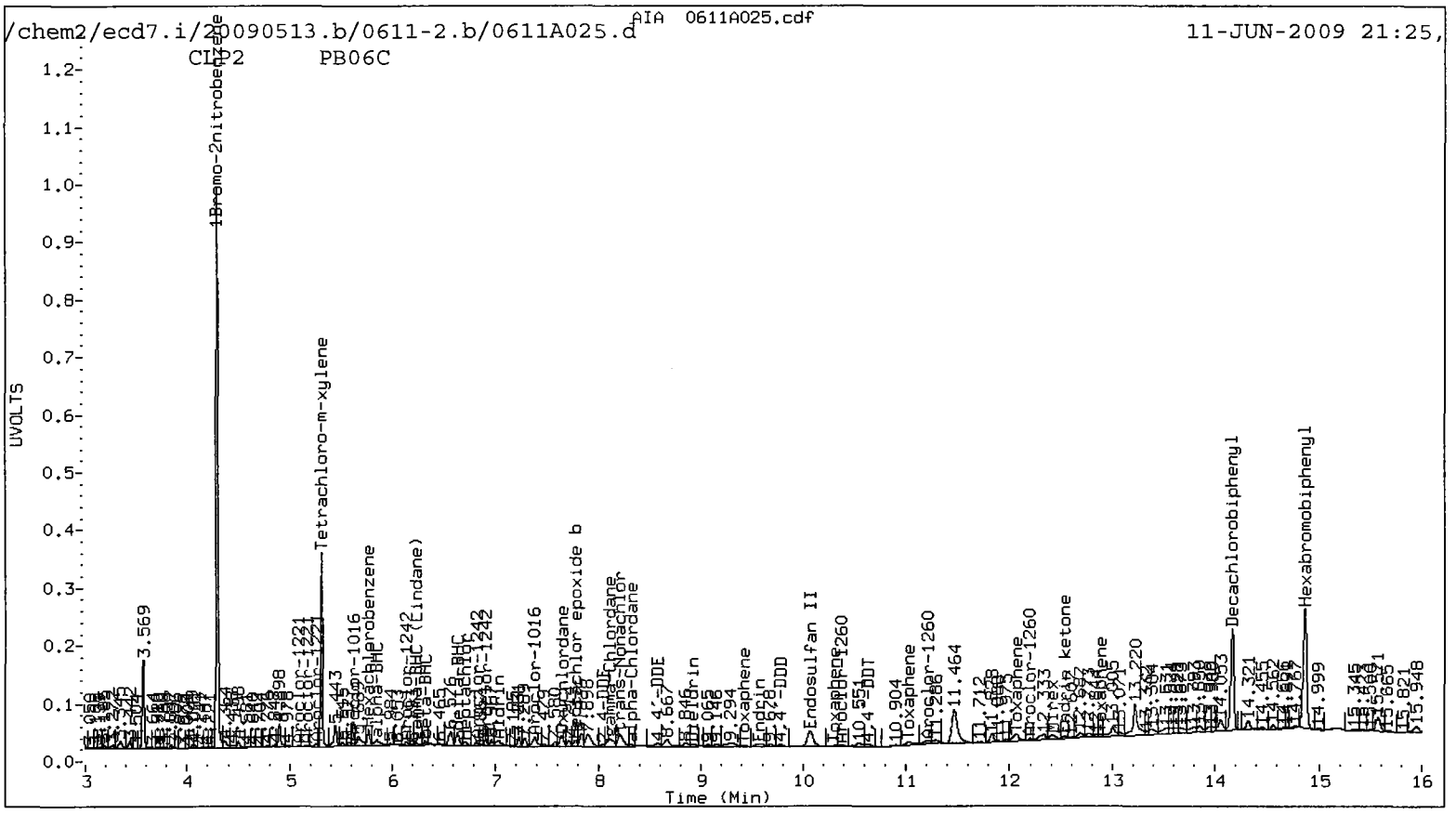
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
beta-BHC
gamma-BHC (Lindane)
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
Oxychlordane
cis-Chlordane
trans-Nonachlor
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
Toxaphene
Endosulfan sulfate
Methoxychlor
Mirex
Endrin aldehyde
Endrin ketone
Aroclor-1016
Aroclor-1242
Aroclor-1254
Aroclor-1260
Decachlorobiphenyl
Hexabromobiphenyl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CLP2 PB06C
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
beta-BHC
gamma-BHC (Lindane)
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
Oxychlordane
cis-Chlordane
trans-Nonachlor
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
Toxaphene
Endosulfan sulfate
Methoxychlor
Mirex
Endrin aldehyde
Endrin ketone
Aroclor-1016
Aroclor-1242
Aroclor-1254
Aroclor-1260
Decachlorobiphenyl
Hexabromobiphenyl

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-07-SS-090602
SAMPLE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 15:14
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
118-74-1	Hexachlorobenzene	0.98	< 0.98 U
87-68-3	Hexachlorobutadiene	0.98	< 0.98 U

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery

Decachlorobiphenyl	107%
Tetrachlorometaxylene	94.2%

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

AR 6/16/09

Data file 1: /chem2/ecd7.i/20090513.b/0615-1.b/0615A009.d ARI ID: PB06G
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Compound Sublist: wpest Report Date: 06/16/2009 10:56
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.796	0.001	2439534	4.289	0.000	2410679	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.223	-0.012	24325	5.877	-0.021	33532	0.6350	0.7388	15.1	alpha-BHC A B
5.615	0.016	45961	6.312	-0.002	10419	2.7188	0.6317	124.6*	beta-BHC A B
5.749	0.001	231490	6.619	-0.001	453274	7.0366	11.5901	48.9*	delta-BHC A B
5.502	-0.014	40057	6.224	-0.018	48615	1.1665	1.2009	2.9	gamma-BHC (Lindane) A B
5.913	-0.008	215553	6.718	0.016	14744	5.9108	0.3550	177.3*	Heptachlor A B
6.213	0.028	15823	7.041	-0.034	223565	0.4837	5.7181	168.8*	Aldrin A B
6.798	0.037	226425	7.834	0.028	68662	6.2444	2.0707	100.4*	Heptachlor epoxide b A B
7.187	0.000	37533	8.417	-0.013	24981	1.0455	0.6834	41.9*	Endosulfan I A B
7.453	-0.018	59900	8.916	-0.009	55035	1.8475	1.4913	21.3	Dieldrin A B
7.108	-0.010	157724	8.568	-0.005	30856	6.1096	0.8731	150.0*	4,4'-DDE A B
----			9.590	0.024	86562	0.0000	2.7624	---	Endrin
----			10.068	0.007	256730	0.0000	8.5806	---	Endosulfan II
7.879	0.010	117277	9.778	-0.007	64856	4.5455	2.2381	68.0*	4,4'-DDD A B
----			11.583	0.000	27841	0.0000	1.0453	---	Endosulfan sulfate
8.279	-0.005	93688	10.631	0.008	117896	3.7667	4.6835	21.7	4,4'-DDT A B
9.211	0.030	39407	----			2.8065	0.0000	---	Methoxychlor
----			12.535	0.039	35390	0.0000	1.1881	---	Endrin ketone
----			10.918	-0.045	16437	0.0000	0.7045	---	Endrin aldehyde
6.859	-0.029	100994	8.094	0.007	83438	3.1093	2.2339	32.8	gamma-Chlordane A B
7.047	0.018	33211	8.315	-0.005	46065	1.0871	1.2556	14.4	alpha-Chlordane A B
2.437	-0.026	36897	2.981	-0.005	45031	0.7295	0.8369	13.7	Hexachlorobutadiene A B
5.071	0.001	77664	5.768	0.002	55105	2.3551	1.4421	48.1*	Hexachlorobenzene A B
6.660	0.002	60860	7.643	-0.033	123052	2.2276	4.0751	58.6*	Oxychlordane A B
----			8.040	-0.020	63481	0.0000	2.7174	---	2,4-DDE
7.009	-0.001	47398	8.204	-0.025	227471	1.5369	7.1227	129.0*	trans-Nonachlor A B
7.315	-0.001	44494	8.996	0.036	62556	2.3350	2.9492	23.2	2,4-DDD A B
7.657	0.030	21080	----			1.0528	0.0000	---	2,4-DDT
7.812	-0.003	90838	----			2.7743	0.0000	---	cis-Nonachlor
9.394	-0.014	95236	12.457	0.021	33246	3.9927	1.9021	70.9*	Mirex A B
12.658	-0.009	1423471	14.860	0.001	924778	80.0000	80.0000	0.0	Hexabromobiphenyl A B
1.656	0.000	197	2.109	-0.036	45358	0.1083	0.6243	140.9*	Hexachloroethane B
4.686	0.001	1046954	5.306	0.000	985154	37.7419	32.4647	15.0	Tetrachloro-m-xylene A B
12.449	-0.002	903867	14.164	0.001	857723	35.0212	42.6515	19.6	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	94.4	81.2	81.2	150- 0

Decachlorobiphenyl	87.6	106.6	87.6~	150-	0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2439534	-15.3
Hexabromobiphenyl	1666064	1423471	-14.6

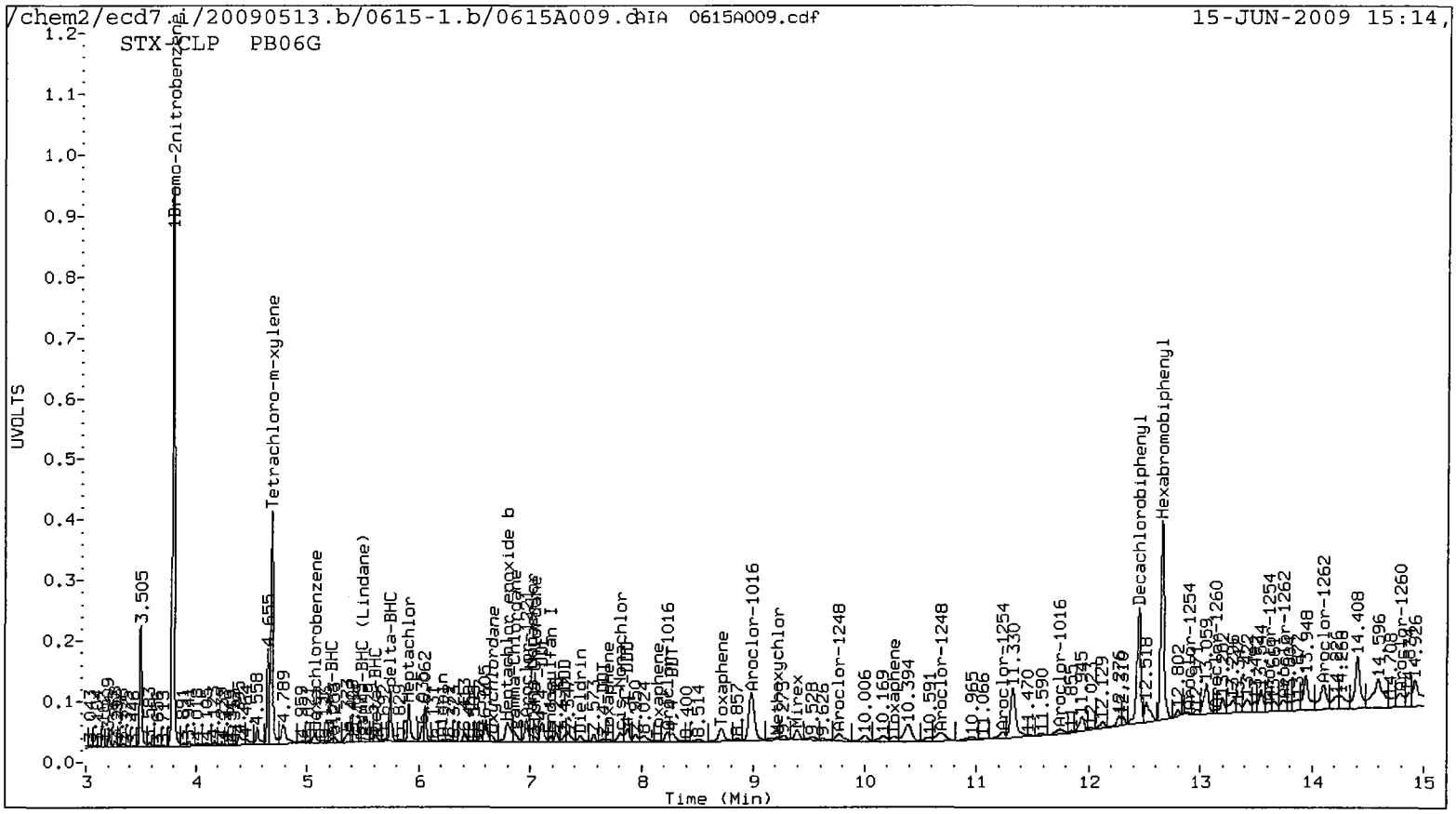
Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	2410679	-24.5
Hexabromobiphenyl	1322411	924778	-30.1

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

		STX-CLP Col					CLP2 Col				
Aroclor	Peak#	RT	Shift	Height	Amount	Peak#	RT	Shift	Height	Amount	
Toxaphene	1	7.704	-0.005	24073	22.884	1	9.404	-0.024	57410	64.755	
Toxaphene	2	8.147	-0.038	11881	8.617	2	---			0.000	
Toxaphene	3	8.279	0.009	93688	85.845	3	11.020	0.040	145970	81.354	
Toxaphene	4	8.716	-0.025	150724	95.989	4	12.073	0.044	363215	268.275	LRL
Toxaphene	5	9.394	-0.044	95236	61.815	5	12.952	0.046	8336	15.639	
Toxaphene	6	10.268	-0.010	65640	72.553	NS	---			----	
Total STX-CLPAve (6 peaks): 57.951						Total CLP2Ave (4 peaks): 107.506				RPD = 60*	
Corrected Ave (6 peaks): 57.951						Corrected Ave (3 peaks): 53.916				RPD = 7	
Aroclor-1016	1	---			0.000	1	---			0.000	
Aroclor-1016	2	---			0.000	2	---			0.000	
Aroclor-1016	3	---			0.000	3	---			0.000	
Aroclor-1016	4	---			0.000	4	---			0.000	
Aroclor-1016	5	---			0.000	5	---			0.000	
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks					
Aroclor-1221	1	---			0.000	1	---			0.000	
Aroclor-1221	2	---			0.000	2	---			0.000	
Aroclor-1221	3	---			0.000	3	---			0.000	
Aroclor-1221	4	---			0.000	4	---			0.000	
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks					
Aroclor-1232	1	---			0.000	1	---			0.000	
Aroclor-1232	2	---			0.000	2	---			0.000	
Aroclor-1232	3	---			0.000	3	---			0.000	
Aroclor-1232	4	---			0.000	4	---			0.000	
Aroclor-1232	5	---			0.000	5	---			0.000	
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks					
Aroclor-1242	1	---			0.000	1	---			0.000	
Aroclor-1242	2	---			0.000	2	---			0.000	
Aroclor-1242	3	---			0.000	3	---			0.000	
Aroclor-1242	4	---			0.000	4	---			0.000	
Aroclor-1242	5	---			0.000	5	---			0.000	
Aroclor-1242	6	---			0.000	NS	---			----	
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks					
Aroclor-1248	1	---			0.000	1	---			0.000	

Aroclor-1248	2	---	0.000	2	---	0.000
Aroclor-1248	3	---	0.000	3	---	0.000
Aroclor-1248	4	---	0.000	4	---	0.000
Aroclor-1248	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1254	1	---	0.000	1	---	0.000
Aroclor-1254	2	---	0.000	2	---	0.000
Aroclor-1254	3	---	0.000	3	---	0.000
Aroclor-1254	4	---	0.000	4	---	0.000
Aroclor-1254	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1260	1	---	0.000	1	---	0.000
Aroclor-1260	2	---	0.000	2	---	0.000
Aroclor-1260	3	---	0.000	3	---	0.000
Aroclor-1260	4	---	0.000	4	---	0.000
Aroclor-1260	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1262	1	---	0.000	1	---	0.000
Aroclor-1262	2	---	0.000	2	---	0.000
Aroclor-1262	3	---	0.000	3	---	0.000
Aroclor-1262	4	---	0.000	4	---	0.000
Aroclor-1262	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1268	1	---	0.000	1	---	0.000
Aroclor-1268	2	---	0.000	2	---	0.000
Aroclor-1268	3	---	0.000	3	---	0.000
Aroclor-1268	4	---	0.000	4	---	0.000
Aroclor-1268	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		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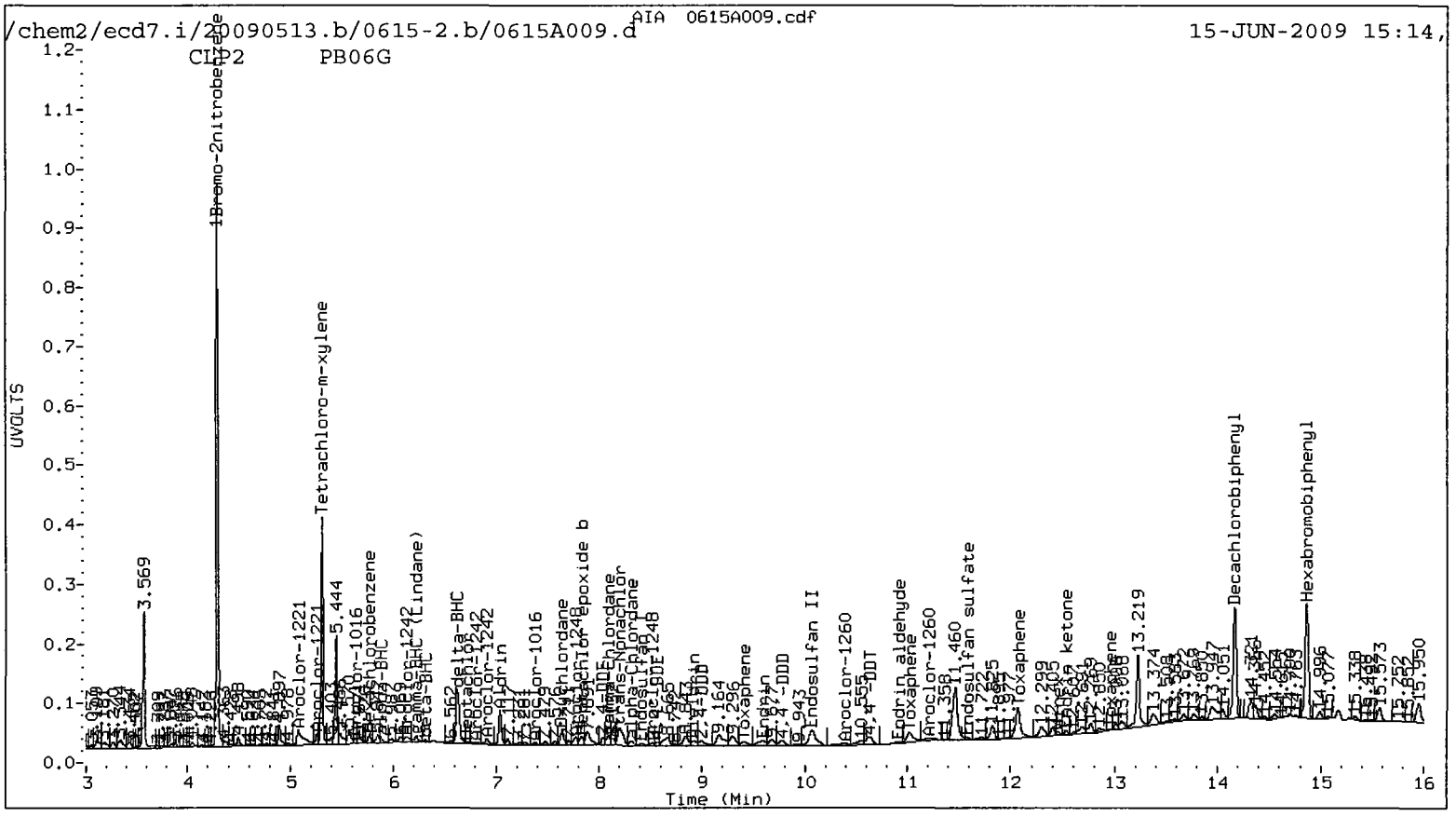
Tetrachloro-m-xylene
Hexabromobiphenyl
Decachlorobiphenyl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CLP2 PB06G
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexabromobiphenyl
Decachlorobiphenyl

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-09-SS-090602
SAMPLE

Lab Sample ID: PB06I
LIMS ID: 09-12550
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 22:48
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: 46.1%

CAS Number	Analyte	RL	Result
118-74-1	Hexachlorobenzene	0.98	< 0.98 U
87-68-3	Hexachlorobutadiene	0.98	< 0.98 U

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery

Decachlorobiphenyl	103%
Tetrachlorometaxylene	88.2%

FORM I

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

AR 6/16/09

Data file 1: /chem2/ecd7.i/20090513.b/0611-1.b/0611A029.d ARI ID: PB06I
Data file 2: /chem2/ecd7.i/20090513.b/0611-2.b/0611A029.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 11-JUN-2009 22:48
Compound Sublist: wpest Report Date: 06/16/2009 11:26
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.796	0.001	2286173	4.289	0.000	2483036	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.257	0.022	42519	5.901	0.002	27271	1.1844	0.5834	68.0*	alpha-BHC A B
5.615	0.016	52317	6.313	0.000	11819	3.3023	0.6958	130.4*	beta-BHC A B
5.749	0.002	41884	6.635	0.015	108566	1.3586	2.6951	65.9*	delta-BHC A B
5.500	-0.016	69462	6.224	-0.018	50521	2.1585	1.2116	56.2*	gamma-BHC (Lindane) A B
5.914	-0.007	81940	6.715	0.012	21145	2.3977	0.4943	131.6*	Heptachlor A B
6.213	0.029	119915	7.041	-0.034	88461	3.9119	2.1966	56.2*	Aldrin A B
6.755	-0.006	117827	7.775	-0.030	667339	3.4675	19.5390	139.7*	Heptachlor epoxide b A B
7.148	-0.038	153766	8.415	-0.015	62210	4.5707	1.6523	93.8*	Endosulfan I A B
7.450	-0.020	425602	8.904	-0.021	130239	14.0075	3.4262	121.4*	Dieldrin A B
7.099	-0.019	520979	----			21.5343	0.0000	---	4,4'-DDE
7.730	-0.043	80118	9.535	-0.031	274494	3.1938	8.7064	92.6*	Endrin A B
8.065	-0.031	92417	10.074	0.014	765047	4.0693	25.4147	144.8*	Endosulfan II A B
7.881	0.011	135755	9.771	-0.014	41126	5.9618	1.4106	123.5*	4,4'-DDD A B
----			----			0.0000	0.0000	---	Endosulfan sulfate
----			10.634	0.011	1525991	0.0000	60.2526	---	4,4'-DDT
9.202	0.020	325909	12.133	0.001	20744	26.2993	1.8337	173.9*	Methoxychlor A B
10.365	0.024	67033	12.469	-0.027	16830	2.4033	0.5616	124.2*	Endrin ketone A B
8.789	-0.003	61070	10.916	-0.046	180636	3.1923	7.6944	82.7*	Endrin aldehyde A B
6.845	-0.043	411287	----			13.5118	0.0000	---	gamma-Chlordane
7.051	0.021	267324	8.315	-0.005	22171	9.3370	0.5867	176.4*	alpha-Chlordane A B
2.435	-0.029	33128	2.982	-0.004	40672	0.6989	0.7339 RL	4.9	Hexachlorobutadiene A B
5.071	0.001	84197	5.768	0.002	81669	2.7245	2.0749 RL	27.1	Hexachlorobenzene A B
----			7.710	0.034	284162	0.0000	9.1362	---	Oxychlordane
6.704	-0.046	1661	8.039	-0.021	742696	0.0907	30.8659	198.8*	2,4-DDE A B
6.970	-0.040	142250	8.206	-0.022	358693	5.2263	11.1635	72.4*	trans-Nonachlor A B
7.281	-0.035	91856	----			5.4619	0.0000	---	2,4-DDD
7.648	0.021	46335	----			2.6219	0.0000	---	2,4-DDT
7.814	-0.001	843506	----			29.1890	0.0000	---	cis-Nonachlor
9.386	-0.022	57971	12.407	-0.029	42699	2.7538	2.4282	12.6	Mirex A B
12.656	-0.010	1256314	14.856	-0.003	930423	80.0000	80.0000	0.0	Hexabromobiphenyl A B
1.654	-0.002	133	----			0.0770	0.0000	---	Hexachloroethane
4.687	0.001	917545	5.306	0.000	954070	35.2956	30.5241	14.5	Tetrachloro-m-xylene A B
12.449	-0.002	804426	14.160	-0.003	833412	35.3153	41.1912	15.4	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	88.2	76.3	76.3~	150- 0

Decachlorobiphenyl	88.3	103.0	88.3~	150-	0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2286173	-20.6
Hexabromobiphenyl	1666064	1256314	-24.6

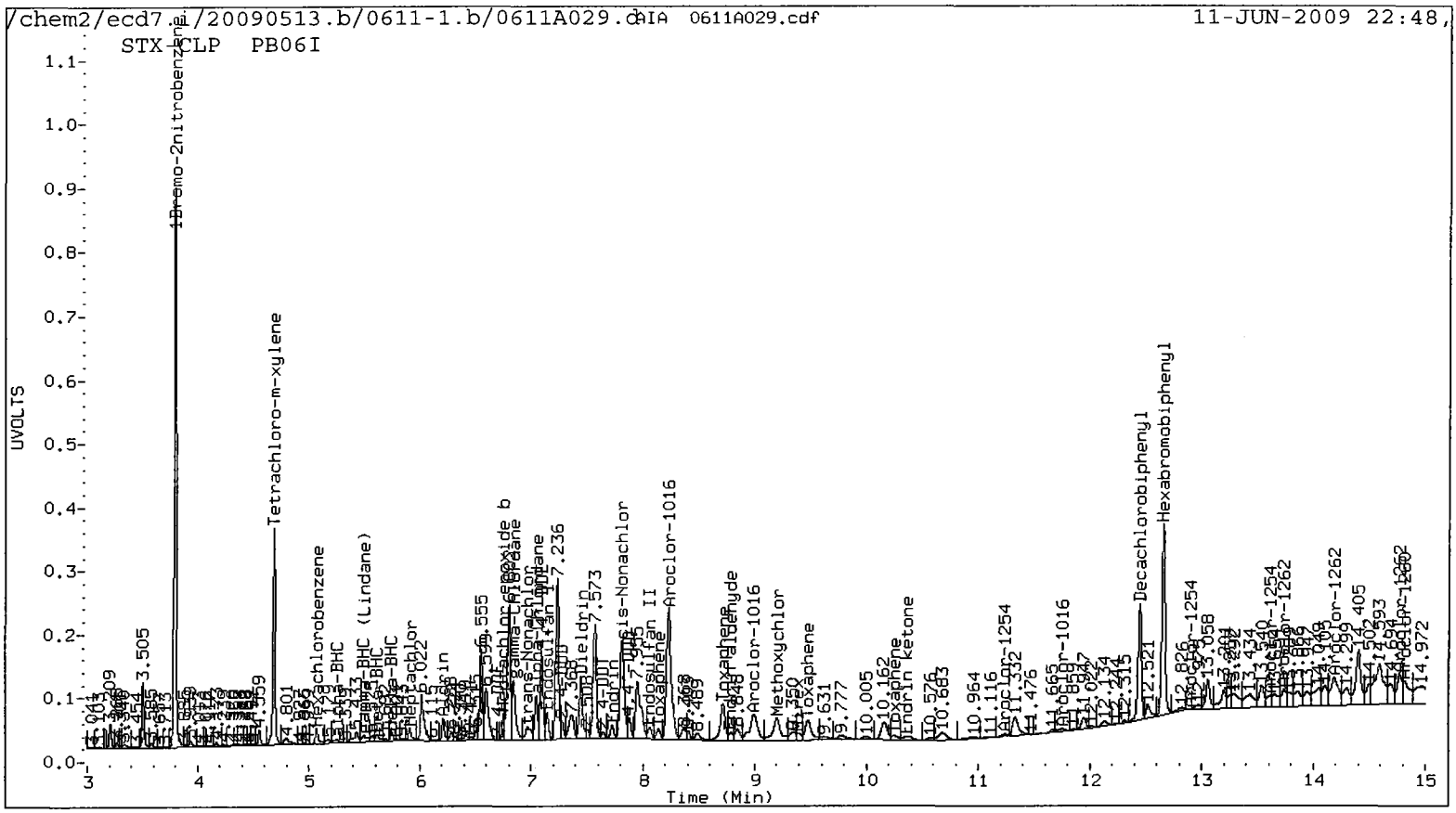
Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	2483036	-22.2
Hexabromobiphenyl	1322411	930423	-29.6

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	STX-CLP Col Peak#	RT	Shift	Height	Amount	CLP2 Col Peak#	RT	Shift	Height	Amount
Toxaphene	1	7.730	0.021	80118	86.294	1	---			0.000
Toxaphene	2	8.141	-0.044	77058	63.326	2	---			0.000
Toxaphene	3	8.230	-0.040	1257704	1305.746	3	11.028	0.047	201501	111.622
Toxaphene	4	8.718	-0.023	362179	261.345	4	12.029	0.000	355303	260.839
Toxaphene	5	9.479	0.041	251674	185.089	5	12.890	-0.016	16990	31.680
Toxaphene	6	10.253	-0.025	49042	61.419	NS	---			----
Total STX-CLPAve (6 peaks): 327.203 Total CLP2Ave (3 peaks): 134.714 RPD = 83*										
Corrected Ave (5 peaks): 131.495 Corrected Ave: < 3 Peaks										
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
Aroclor-1016	5	---			0.000	5	---			0.000
STX-CLPAve: <3 Quant Peaks CLP2Ave: <3 Quant Peaks										
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
Aroclor-1221	4	---			0.000	4	---			0.000
STX-CLPAve: <3 Quant Peaks CLP2Ave: <3 Quant Peaks										
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
Aroclor-1232	5	---			0.000	5	---			0.000
STX-CLPAve: <3 Quant Peaks CLP2Ave: <3 Quant Peaks										
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	5	---			0.000	5	---			0.000
Aroclor-1242	6	---			0.000	NS	---			----
STX-CLPAve: <3 Quant Peaks CLP2Ave: <3 Quant Peaks										
Aroclor-1248	1	---			0.000	1	---			0.000

Aroclor-1248	2	---	0.000	2	---	0.000
Aroclor-1248	3	---	0.000	3	---	0.000
Aroclor-1248	4	---	0.000	4	---	0.000
Aroclor-1248	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1254	1	---	0.000	1	---	0.000
Aroclor-1254	2	---	0.000	2	---	0.000
Aroclor-1254	3	---	0.000	3	---	0.000
Aroclor-1254	4	---	0.000	4	---	0.000
Aroclor-1254	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1260	1	---	0.000	1	---	0.000
Aroclor-1260	2	---	0.000	2	---	0.000
Aroclor-1260	3	---	0.000	3	---	0.000
Aroclor-1260	4	---	0.000	4	---	0.000
Aroclor-1260	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1262	1	---	0.000	1	---	0.000
Aroclor-1262	2	---	0.000	2	---	0.000
Aroclor-1262	3	---	0.000	3	---	0.000
Aroclor-1262	4	---	0.000	4	---	0.000
Aroclor-1262	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1268	1	---	0.000	1	---	0.000
Aroclor-1268	2	---	0.000	2	---	0.000
Aroclor-1268	3	---	0.000	3	---	0.000
Aroclor-1268	4	---	0.000	4	---	0.000
Aroclor-1268	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	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Time (Min)
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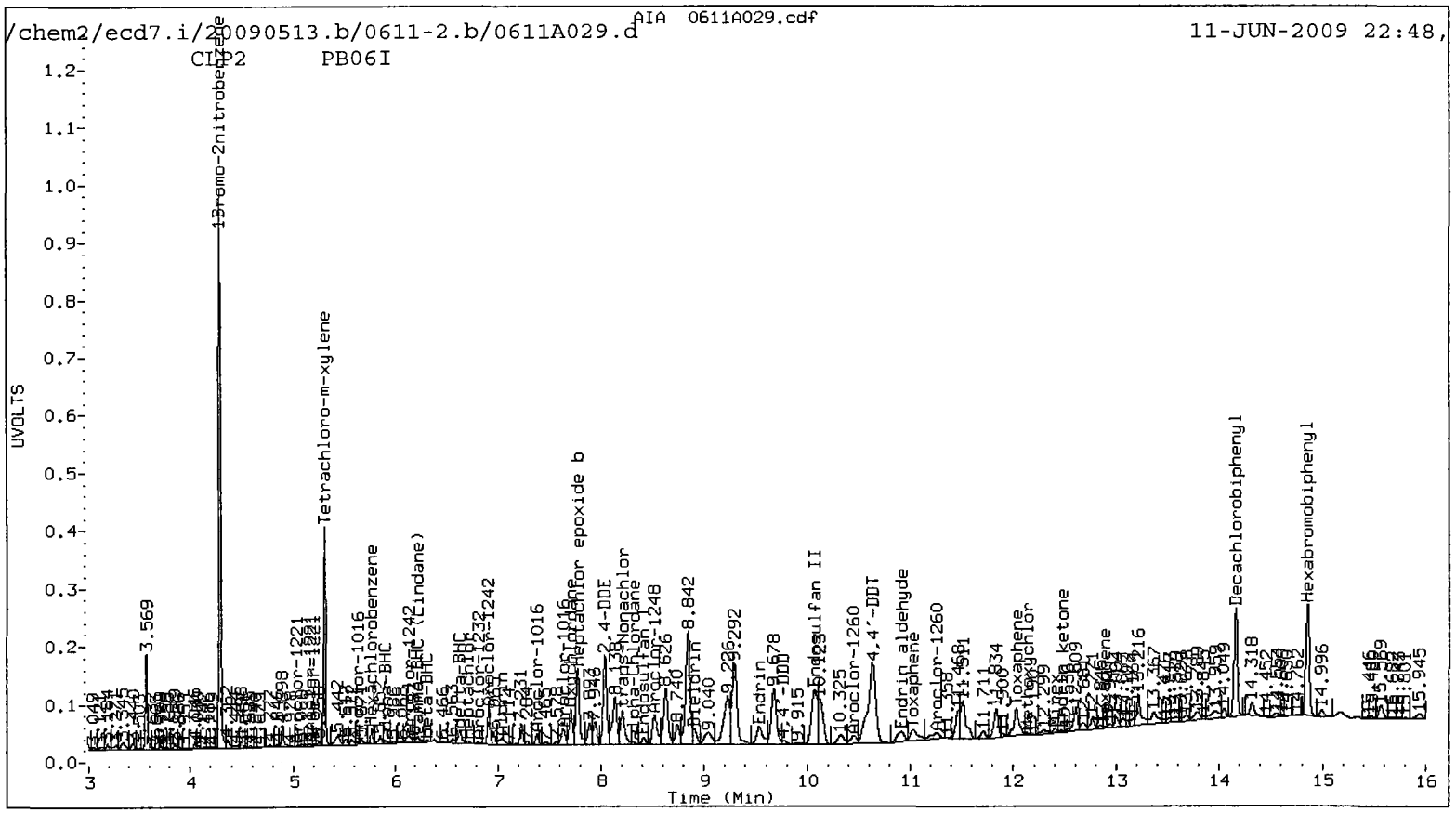
Tetrachloro-m-xylene
Decachlorobiphenyl
Hexabromobiphenyl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11-JUN-2009 22:48,
CLP2 PB06I
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Decachlorobiphenyl
Hexabromobiphenyl

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-11-SS-090602
SAMPLE

Lab Sample ID: PB06K
LIMS ID: 09-12552
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 23:29
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: 54.9%

CAS Number	Analyte	RL	Result
118-74-1	**Hexachlorobenzene**	**0.98**	**1.0**
87-68-3	Hexachlorobutadiene	0.98	< 0.98 U

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery

Decachlorobiphenyl	91.8%
Tetrachlorometaxylene	89.0%

FORM I

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

AR 6/16/09

Data file 1: /chem2/ecd7.i/20090513.b/0611-1.b/0611A031.d ARI ID: PB06K
Data file 2: /chem2/ecd7.i/20090513.b/0611-2.b/0611A031.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 11-JUN-2009 23:29
Compound Sublist: wpest Report Date: 06/16/2009 11:26
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.796	0.001	2299904	4.289	0.001	2518664	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.221	-0.013	16592	5.878	-0.020	110599	0.4594	2.3324	134.2*	alpha-BHC A B
5.616	0.017	57679	6.317	0.003	16990	3.6190	0.9860	114.4*	beta-BHC A B
5.750	0.002	54240	6.636	0.016	441135	1.7488	10.7961	144.2*	delta-BHC A B
5.533	0.017	27193	6.226	-0.016	37329	0.8400	0.8826	4.9	gamma-BHC (Lindane) A B
5.914	-0.006	365707	----			10.6371	0.0000	---	Heptachlor
6.155	-0.029	9073	7.042	-0.034	92294	0.2942	2.2594	153.9*	Aldrin A B
6.798	0.037	354309	7.779	-0.026	39209	10.3644	1.1318	160.6*	Heptachlor epoxide b A B
7.185	-0.001	12951	----			0.3827	0.0000	---	Endosulfan I
7.453	-0.017	70096	8.922	-0.003	38950	2.2932	1.0102	77.7*	Dieldrin A B
7.103	-0.014	57224	8.567	-0.006	67172	2.3512	1.8191	25.5	4,4'-DDE A B
----			----			0.0000	0.0000	---	Endrin
8.117	0.022	13613	10.072	0.011	492751	0.5946	15.5866	185.3*	Endosulfan II A B
7.883	0.014	315470	9.780	-0.005	35937	13.7437	1.1737	168.5*	4,4'-DDD A B
----			11.577	-0.005	22098	0.0000	0.7852	---	Endosulfan sulfate
8.277	-0.007	79962	10.631	0.008	69841	3.6136	2.6258	31.7	4,4'-DDT A B
9.196	0.014	92221	12.126	-0.006	14182	7.3826	1.1937	144.3*	Methoxychlor A B
10.384	0.043	45161	12.465	-0.031	18402	1.6062	0.5847	93.3*	Endrin ketone A B
8.782	-0.010	32249	----			1.6723	0.0000	---	Endrin aldehyde
6.870	-0.019	165435	8.098	0.011	168395	5.4025	4.3152	22.4	gamma-Chlordane A B
7.048	0.018	36452	8.326	0.007	17577	1.2656	0.4585	93.6*	alpha-Chlordane A B
2.430	-0.034	36023	2.980	-0.006	36971	0.7554	0.6577 LRL	13.8	Hexachlorobutadiene A B
5.070	0.000	160551	5.767	0.001	193423	5.1641	4.8446	6.4	Hexachlorobenzene A B
----			7.644	-0.031	91265	0.0000	2.8928	---	Oxychlordane
----			8.041	-0.019	39873	0.0000	1.6337	---	2,4-DDE
7.010	0.000	57996	8.203	-0.026	181367	2.1138	5.3748	87.1*	trans-Nonachlor A B
7.352	0.036	70321	8.995	0.035	24188	4.1481	1.0793	117.4*	2,4-DDD A B
7.661	0.034	59630	9.594	-0.029	126876	3.3474	5.6941	51.9*	2,4-DDT A B
7.813	-0.002	54701	----			1.8778	0.0000	---	cis-Nonachlor
9.397	-0.011	121411	12.412	-0.025	61453	5.7214	3.3276	52.9*	Mirex A B
12.657	-0.010	1266402	14.857	-0.002	977134	80.0000	80.0000	0.0	Hexabromobiphenyl A B
----			2.108	-0.037	35455	0.0000	0.4671	---	Hexachloroethane
4.687	0.001	930035	5.306	0.000	918744	35.5625	28.9781	20.4	Tetrachloro-m-xylene A B
12.449	-0.002	769613	14.161	-0.002	779686	33.5178	36.6936	9.0	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	88.9	72.4	72.4	150- 0

PB06 : 0066H

Decachlorobiphenyl	83.8	91.7	83.8~	150-	0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2299904	-20.2
Hexabromobiphenyl	1666064	1266402	-24.0

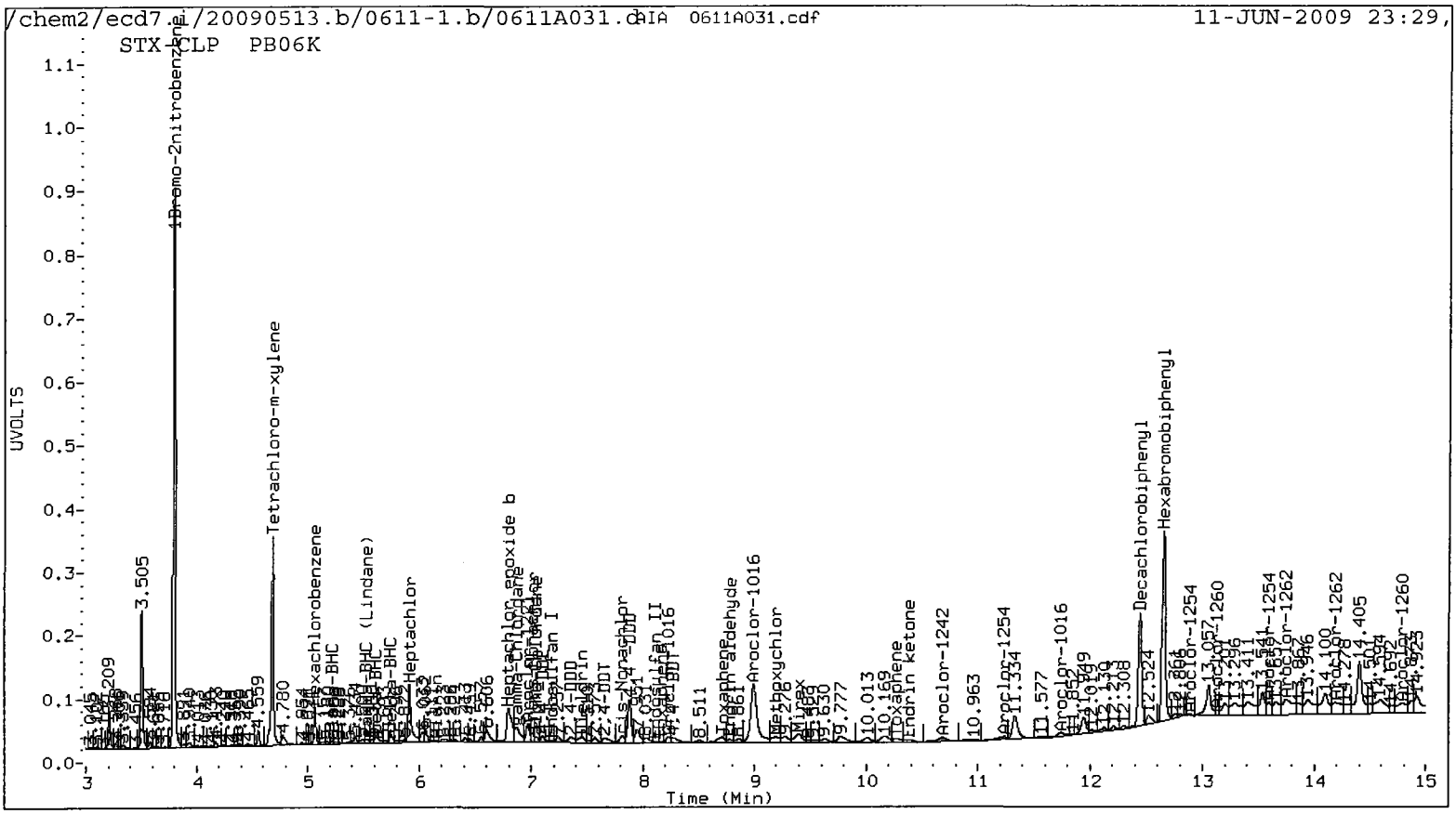
Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	2518664	-21.1
Hexabromobiphenyl	1322411	977134	-26.1

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	STX-CLP Col RT	Shift	Height	Amount	Peak#	CLP2 Col RT	Shift	Height	Amount
Toxaphene	1	7.661	-0.048	59630	63.715	1	9.403	-0.025	13753	14.681
Toxaphene	2	8.168	-0.017	12099	9.864	2	---			0.000
Toxaphene	3	8.277	0.007	79962	82.355	3	---			0.000
Toxaphene	4	8.715	-0.026	94048	67.324	4	12.069	0.040	107287	74.998
Toxaphene	5	9.397	-0.041	121411	88.578	5	12.878	-0.029	6870	12.198
Toxaphene	6	10.269	-0.009	51165	63.568	NS	---			----
Total STX-CLPAve (6 peaks): 62.567						Total CLP2Ave (3 peaks): 33.959				RPD = 59*
Corrected Ave (6 peaks): 62.567						Corrected Ave: < 3 Peaks				
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
Aroclor-1016	5	---			0.000	5	---			0.000
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
Aroclor-1221	4	---			0.000	4	---			0.000
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
Aroclor-1232	5	---			0.000	5	---			0.000
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	5	---			0.000	5	---			0.000
Aroclor-1242	6	---			0.000	NS	---			----
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000

Aroclor-1248	2	---	0.000	2	---	0.000
Aroclor-1248	3	---	0.000	3	---	0.000
Aroclor-1248	4	---	0.000	4	---	0.000
Aroclor-1248	5	---	0.000	5	---	0.000
	STX-CLPAve:	<3 Quant Peaks			CLP2Ave:	<3 Quant Peaks	
Aroclor-1254	1	---	0.000	1	---	0.000
Aroclor-1254	2	---	0.000	2	---	0.000
Aroclor-1254	3	---	0.000	3	---	0.000
Aroclor-1254	4	---	0.000	4	---	0.000
Aroclor-1254	5	---	0.000	5	---	0.000
	STX-CLPAve:	<3 Quant Peaks			CLP2Ave:	<3 Quant Peaks	
Aroclor-1260	1	---	0.000	1	---	0.000
Aroclor-1260	2	---	0.000	2	---	0.000
Aroclor-1260	3	---	0.000	3	---	0.000
Aroclor-1260	4	---	0.000	4	---	0.000
Aroclor-1260	5	---	0.000	5	---	0.000
	STX-CLPAve:	<3 Quant Peaks			CLP2Ave:	<3 Quant Peaks	
Aroclor-1262	1	---	0.000	1	---	0.000
Aroclor-1262	2	---	0.000	2	---	0.000
Aroclor-1262	3	---	0.000	3	---	0.000
Aroclor-1262	4	---	0.000	4	---	0.000
Aroclor-1262	5	---	0.000	5	---	0.000
	STX-CLPAve:	<3 Quant Peaks			CLP2Ave:	<3 Quant Peaks	
Aroclor-1268	1	---	0.000	1	---	0.000
Aroclor-1268	2	---	0.000	2	---	0.000
Aroclor-1268	3	---	0.000	3	---	0.000
Aroclor-1268	4	---	0.000	4	---	0.000
Aroclor-1268	5	---	0.000	5	---	0.000
	STX-CLPAve:	<3 Quant Peaks			CLP2Ave:	<3 Quant Peaks	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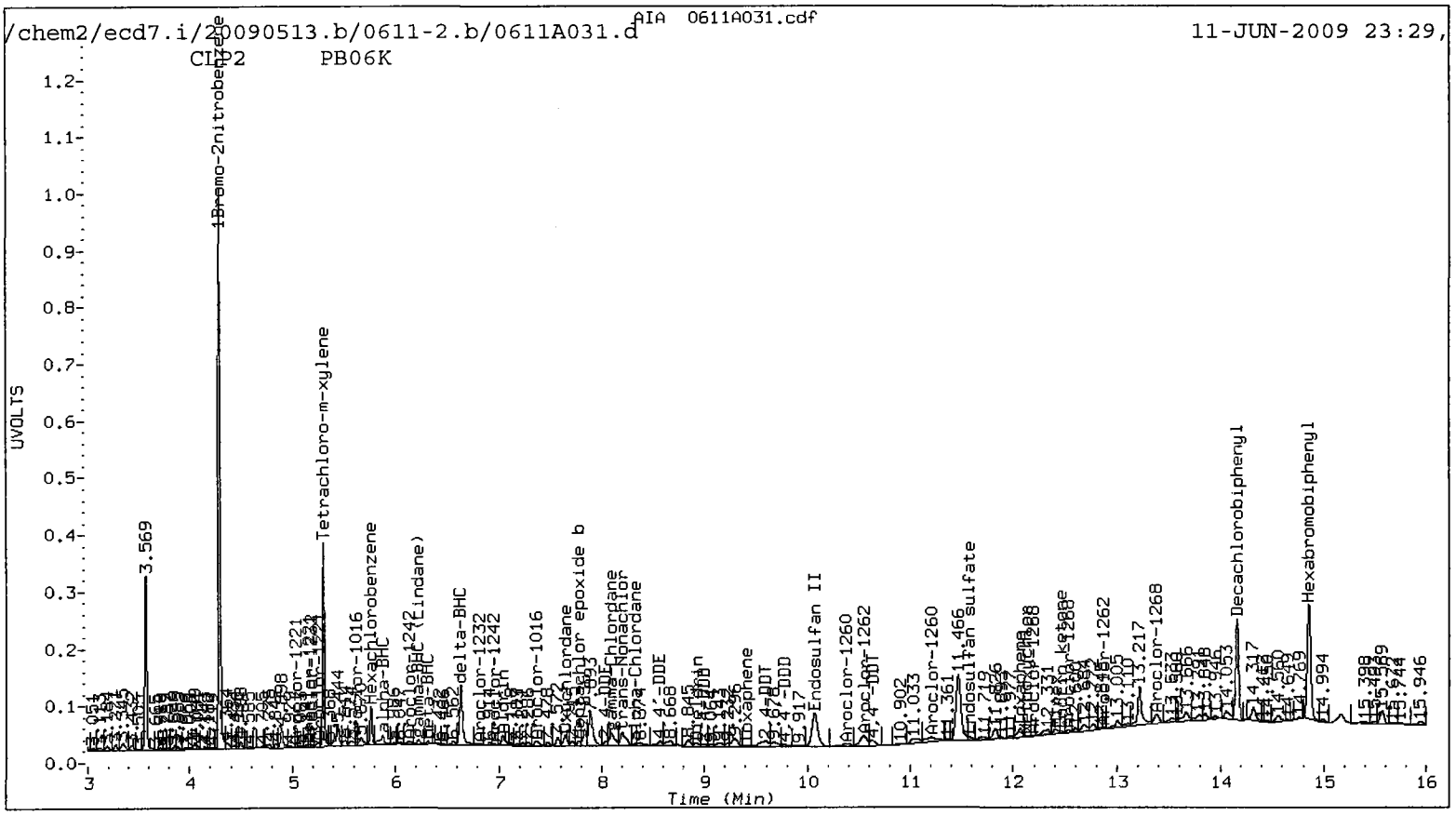
11-JUN-2009 23:29,
STX-CLP PB06K
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
Heptachlor
delta-BHC
Aldrin
Heptachlor epoxide b
4,4'-DDE
Dieldrin
Endrin
4,4'-DDT
Endosulfan II
Endosulfan sulfate
4,4'-DDD
Endrin aldehyde
Endrin ketone
Methoxychlor
Aroclor-1016
Aroclor-1242
Aroclor-1254
Aroclor-1260
Aroclor-1262
Decachlorobiphenyl
Hexabromobiphenyl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AIA 0611A031.cdf
11-JUN-2009 23:29,
CLP2 PB06K
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
Heptachlor
delta-BHC
Aldrin
Heptachlor epoxide b
4,4'-DDE
Dieldrin
Endrin
4,4'-DDT
Endosulfan II
Endosulfan sulfate
4,4'-DDD
Endrin aldehyde
Endrin ketone
Methoxychlor
Aroclor-1016
Aroclor-1242
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
Hexabromobiphenyl

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-53-SS-090602
SAMPLE

Lab Sample ID: PB06M
LIMS ID: 09-12554
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 23:50
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: 51.2%

CAS Number	Analyte	RL	Result
118-74-1	Hexachlorobenzene	0.97	< 0.97 U
87-68-3	Hexachlorobutadiene	0.97	< 0.97 U

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery	
Decachlorobiphenyl	80.5%
Tetrachlorometaxylene	84.5%

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

AR 6/16/09

Data file 1: /chem2/ecd7.i/20090513.b/0611-1.b/0611A032.d ARI ID: PB06M
Data file 2: /chem2/ecd7.i/20090513.b/0611-2.b/0611A032.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 11-JUN-2009 23:50
Compound Sublist: wpest Report Date: 06/16/2009 11:26
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.796	0.001	2273225	4.289	0.001	2473568	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.222	-0.013	10739	5.851	-0.048	64289	0.3009	1.3805	128.4*	alpha-BHC A B
5.582	-0.017	10007	6.324	0.010	17723	0.6353	1.0473	49.0*	beta-BHC A B
5.758	0.011	96128	6.637	0.017	98022	3.1358	2.4427	24.8	delta-BHC A B
5.532	0.016	25717	6.229	-0.013	18857	0.8037	0.4540	55.6*	gamma-BHC (Lindane) A B
5.918	-0.003	114853	6.713	0.011	22347	3.3799	0.5244	146.3*	Heptachlor A B
6.215	0.030	59716	7.070	-0.005	40129	1.9592	1.0003	64.8*	Aldrin A B
6.802	0.041	110426	7.779	-0.026	43361	3.2682	1.2744	87.8*	Heptachlor epoxide b A B
7.186	-0.001	3986	----			0.1192	0.0000	---	Endosulfan I
7.454	-0.016	38271	8.920	-0.004	27272	1.2668	0.7202	55.0*	Dieldrin A B
7.108	-0.009	41086	8.570	-0.003	29596	1.7080	0.8161	70.7*	4,4'-DDE A B
----			9.560	-0.006	75147	0.0000	2.0964	---	Endrin
8.113	0.017	7190	10.072	0.012	213093	0.2934	6.2261	182.0*	Endosulfan II A B
7.884	0.015	124841	9.780	-0.005	16982	5.0816	0.5123	163.4*	4,4'-DDD A B
9.693	0.010	27483	----			1.1480	0.0000	---	Endosulfan sulfate
8.278	-0.006	49238	10.626	0.004	48615	2.0790	1.6883	20.7	4,4'-DDT A B
9.183	0.001	20548	----			1.5369	0.0000	---	Methoxychlor
10.385	0.044	28336	12.534	0.038	14852	0.9416	0.4359	73.4*	Endrin ketone A B
8.786	-0.006	11664	----			0.5651	0.0000	---	Endrin aldehyde
6.878	-0.010	111826	8.101	0.014	125389	3.6947	3.2718	12.1	gamma-Chlordane A B
7.053	0.023	28810	8.316	-0.004	18556	1.0120	0.4929	69.0*	alpha-Chlordane A B
2.433	-0.030	32211	2.981	-0.004	35880	0.6834	0.6499 LCV	5.0	Hexachlorobutadiene A B
5.071	0.001	61428	5.769	0.003	51499	1.9990	1.3134 LCV	41.4*	Hexachlorobenzene A B
6.629	-0.029	133424	7.644	-0.032	61824	5.1288	1.9954	88.0*	Oxychlordane A B
6.725	-0.025	3917	8.043	-0.017	16564	0.1983	0.6911	110.8*	2,4-DDE A B
6.971	-0.039	104288	8.204	-0.025	116408	3.5514	3.1865	10.8	trans-Nonachlor A B
7.359	0.043	36934	8.995	0.036	11505	2.0356	0.4742	124.4*	2,4-DDD A B
7.666	0.039	37573	----			1.9707	0.0000	---	2,4-DDT
7.813	-0.002	30952	----			0.9928	0.0000	---	cis-Nonachlor
9.398	-0.010	92275	12.409	-0.027	65555	4.0628	3.2787	21.4	Mirex A B
12.657	-0.009	1355420	14.858	-0.001	1057872	80.0000	80.0000	0.0	Hexabromobiphenyl A B
1.654	-0.002	73	----			0.0427	0.0000	---	Hexachloroethane
4.687	0.001	873548	5.306	0.000	845531	33.7946	27.1551	21.8	Tetrachloro-m-xylene A B
12.449	-0.002	723194	14.161	-0.002	741470	29.4276	32.2318	9.1	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	84.5	67.9	67.9~	150- 0

Decachlorobiphenyl	73.6	80.6	73.6~	150-	0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2273225	-21.1
Hexabromobiphenyl	1666064	1355420	-18.6

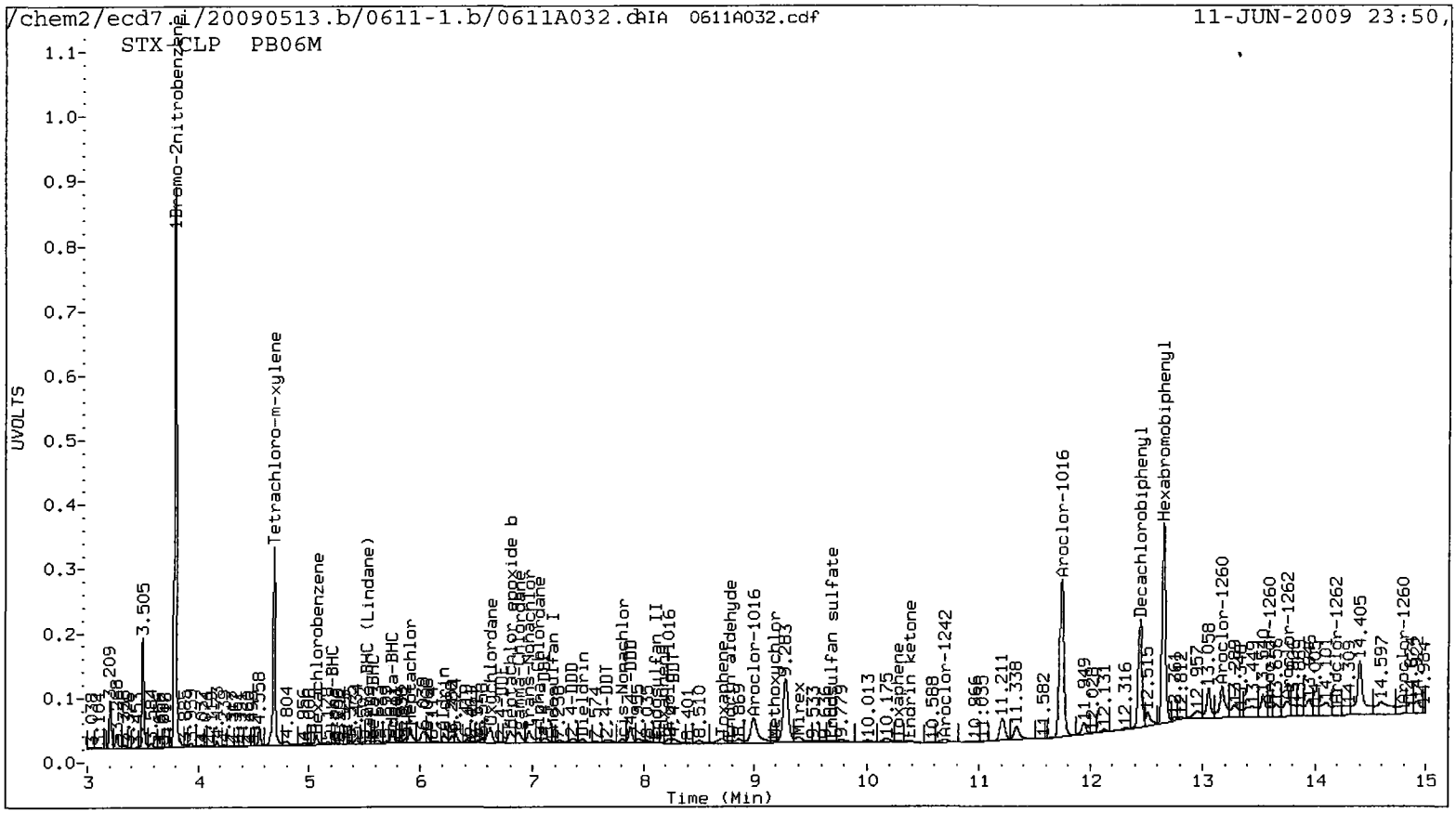
Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	2473568	-22.5
Hexabromobiphenyl	1322411	1057872	-20.0

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

		STX-CLP Col					CLP2 Col				
Aroclor	Peak#	RT	Shift	Height	Amount	Peak#	RT	Shift	Height	Amount	
Toxaphene	1	7.666	-0.043	37573	37.511	1	9.406	-0.022	14218	14.020	
Toxaphene	2	8.174	-0.011	5051	3.847	2	---			0.000	
Toxaphene	3	8.278	0.008	49238	47.381	3	11.025	0.045	42936	20.919	
Toxaphene	4	8.716	-0.025	69040	46.176	4	12.070	0.041	101353	65.442	LRC
Toxaphene	5	9.398	-0.040	92275	62.900	5	---			0.000	
Toxaphene	6	10.272	-0.006	24127	28.007	NS	---			----	
Total STX-CLPAve (6 peaks): 37.637 Total CLP2Ave (3 peaks): 33.460 RPD = 12											
Corrected Ave (6 peaks): 37.637 Corrected Ave: < 3 Peaks											
Aroclor-1016	1	---			0.000	1	---			0.000	
Aroclor-1016	2	---			0.000	2	---			0.000	
Aroclor-1016	3	---			0.000	3	---			0.000	
Aroclor-1016	4	---			0.000	4	---			0.000	
Aroclor-1016	5	---			0.000	5	---			0.000	
STX-CLPAve: <3 Quant Peaks CLP2Ave: <3 Quant Peaks											
Aroclor-1221	1	---			0.000	1	---			0.000	
Aroclor-1221	2	---			0.000	2	---			0.000	
Aroclor-1221	3	---			0.000	3	---			0.000	
Aroclor-1221	4	---			0.000	4	---			0.000	
STX-CLPAve: <3 Quant Peaks CLP2Ave: <3 Quant Peaks											
Aroclor-1232	1	---			0.000	1	---			0.000	
Aroclor-1232	2	---			0.000	2	---			0.000	
Aroclor-1232	3	---			0.000	3	---			0.000	
Aroclor-1232	4	---			0.000	4	---			0.000	
Aroclor-1232	5	---			0.000	5	---			0.000	
STX-CLPAve: <3 Quant Peaks CLP2Ave: <3 Quant Peaks											
Aroclor-1242	1	---			0.000	1	---			0.000	
Aroclor-1242	2	---			0.000	2	---			0.000	
Aroclor-1242	3	---			0.000	3	---			0.000	
Aroclor-1242	4	---			0.000	4	---			0.000	
Aroclor-1242	5	---			0.000	5	---			0.000	
Aroclor-1242	6	---			0.000	NS	---			----	
STX-CLPAve: <3 Quant Peaks CLP2Ave: <3 Quant Peaks											
Aroclor-1248	1	---			0.000	1	---			0.000	

Aroclor-1248	2	---	0.000	2	---	0.000
Aroclor-1248	3	---	0.000	3	---	0.000
Aroclor-1248	4	---	0.000	4	---	0.000
Aroclor-1248	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1254	1	---	0.000	1	---	0.000
Aroclor-1254	2	---	0.000	2	---	0.000
Aroclor-1254	3	---	0.000	3	---	0.000
Aroclor-1254	4	---	0.000	4	---	0.000
Aroclor-1254	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1260	1	---	0.000	1	---	0.000
Aroclor-1260	2	---	0.000	2	---	0.000
Aroclor-1260	3	---	0.000	3	---	0.000
Aroclor-1260	4	---	0.000	4	---	0.000
Aroclor-1260	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1262	1	---	0.000	1	---	0.000
Aroclor-1262	2	---	0.000	2	---	0.000
Aroclor-1262	3	---	0.000	3	---	0.000
Aroclor-1262	4	---	0.000	4	---	0.000
Aroclor-1262	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1268	1	---	0.000	1	---	0.000
Aroclor-1268	2	---	0.000	2	---	0.000
Aroclor-1268	3	---	0.000	3	---	0.000
Aroclor-1268	4	---	0.000	4	---	0.000
Aroclor-1268	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		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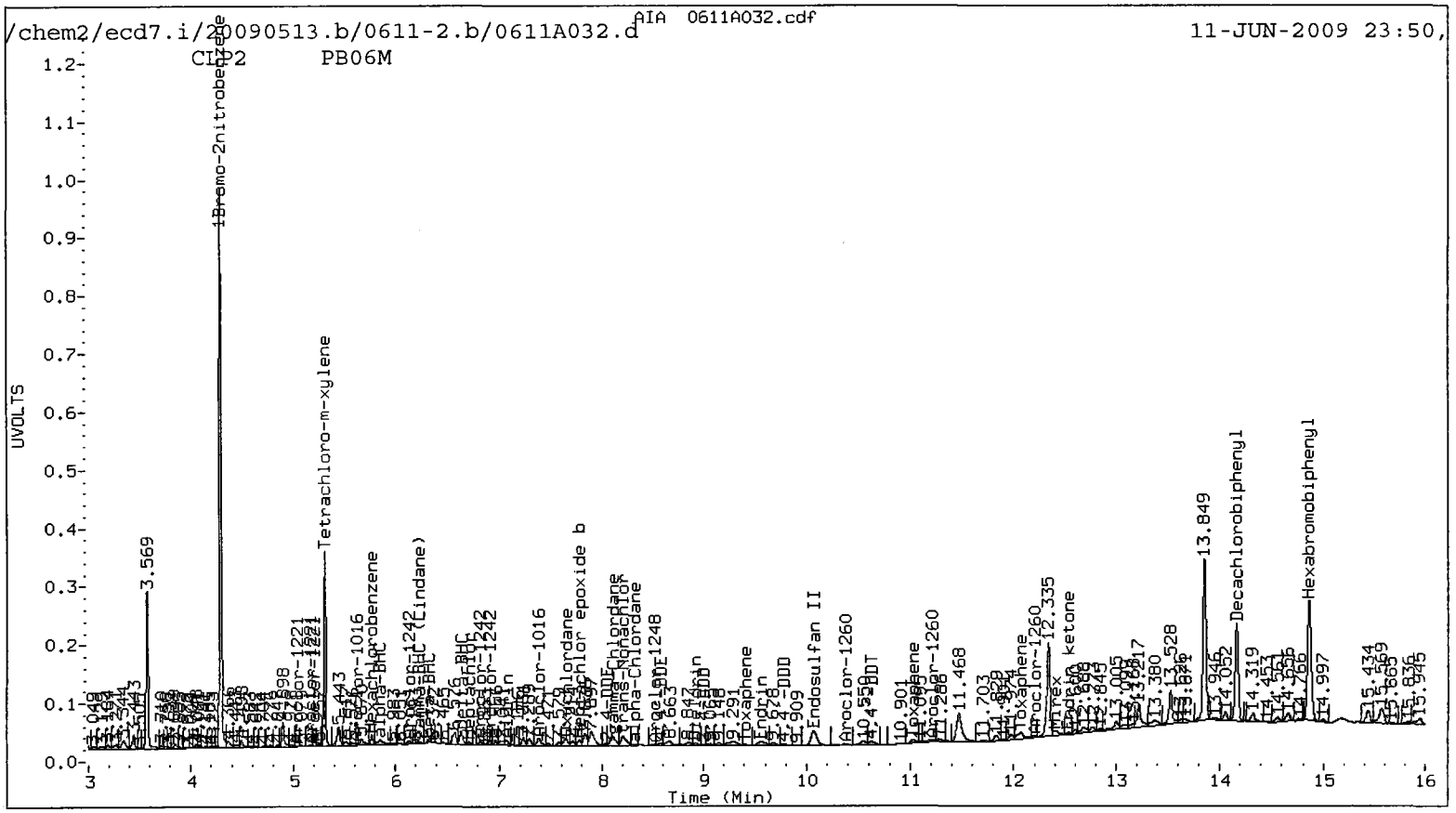
UVOLTS
Time (Min)
Tetrachloro-m-xylene
Decachlorobiphenyl
Hexabromobiphenyl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CLP2 PB06M
UVOLTS
Time (Min)
Tetrachloro-m-xylene
Decachlorobiphenyl
Hexabromobiphenyl

Pesticide Analysis
Standard Raw Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

6D

8081 INITIAL CALIBRATION RETENTION TIMES

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC.

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: STX-CLP1 ID: 0.53 (mm) Instrument ID: ECD7

Calibration Date: 05/13/09

	RT OF STANDARDS							MEAN	RT WINDOW	
COMPOUND	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	RT	FROM	TO
alpha-BHC	5.23	5.23	5.23	5.23	5.23	5.24	5.24	5.23	5.18	5.28
beta-BHC	5.60	5.60	5.60	5.60	5.60	5.60	5.60	5.60	5.55	5.65
delta-BHC	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.70	5.80
gamma-BHC (Lindane)	5.52	5.51	5.52	5.52	5.52	5.52	5.52	5.52	5.47	5.57
Heptachlor	5.92	5.92	5.92	5.92	5.92	5.92	5.92	5.92	5.87	5.97
Aldrin	6.18	6.18	6.18	6.18	6.18	6.19	6.18	6.18	6.13	6.23
Heptachlor epoxide b	6.76	6.76	6.76	6.76	6.76	6.76	6.76	6.76	6.71	6.81
Endosulfan I	7.19	7.18	7.19	7.19	7.19	7.19	7.19	7.19	7.14	7.24
Dieldrin	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.42	7.52
4,4'-DDE	7.13	7.12	7.12	7.12	7.12	7.12	7.11	7.12	7.07	7.17
Endrin	7.77	7.77	7.77	7.77	7.77	7.77	7.77	7.77	7.72	7.82
Endosulfan II	8.10	8.10	8.10	8.10	8.10	8.10	8.09	8.10	8.05	8.15
4,4'-DDD	7.88	7.88	7.87	7.87	7.87	7.87	7.86	7.87	7.82	7.92
Endosulfan sulfate	9.69	9.68	9.68	9.68	9.68	9.68	9.68	9.68	9.63	9.73
4,4'-DDT	8.29	8.29	8.29	8.29	8.28	8.28	8.28	8.29	8.23	8.33
Methoxychlor	9.19	9.19	9.18	9.18	9.18	9.18	9.18	9.18	9.13	9.23
Endrin ketone	10.34	10.34	10.34	10.34	10.34	10.34	10.34	10.34	10.29	10.39
Endrin aldehyde	8.80	8.79	8.79	8.79	8.79	8.79	8.79	8.79	8.74	8.84
gamma-Chlordane	6.89	6.89	6.89	6.89	6.89	6.89	6.89	6.89	6.84	6.94
alpha-Chlordane	7.03	7.03	7.03	7.03	7.03	7.03	7.03	7.03	6.98	7.08
Hexachlorobutadiene	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.41	2.51
Hexachlorobenzene	5.07	5.07	5.07	5.07	5.07	5.07	5.07	5.07	5.02	5.12
Tetrachloro-m-xylene	4.69	4.69	4.69	4.69	4.69	4.69	4.69	4.69	4.64	4.74
Decachlorobiphenyl	12.45	12.45	12.45	12.45	12.45	12.45	12.45	12.45	12.40	12.50

FORM VI PEST-1

6D

8081 INITIAL CALIBRATION RETENTION TIMES

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC.

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: STX-CLP2 ID: 0.53 (mm) Instrument ID: ECD7

Calibration Date: 05/13/09

	RT OF STANDARDS							MEAN	RT WINDOW	
COMPOUND	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	RT	FROM	TO
alpha-BHC	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.85	5.95
beta-BHC	6.32	6.31	6.31	6.31	6.31	6.31	6.31	6.31	6.26	6.36
delta-BHC	6.62	6.62	6.62	6.62	6.62	6.62	6.62	6.62	6.57	6.67
gamma-BHC (Lindane)	6.24	6.24	6.24	6.24	6.24	6.24	6.24	6.24	6.19	6.29
Heptachlor	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.65	6.75
Aldrin	7.08	7.07	7.08	7.07	7.07	7.08	7.08	7.08	7.03	7.13
Heptachlor epoxide b	7.81	7.80	7.80	7.80	7.81	7.81	7.81	7.81	7.76	7.86
Endosulfan I	8.43	8.43	8.43	8.43	8.43	8.43	8.43	8.43	8.38	8.48
Dieldrin	8.93	8.92	8.92	8.92	8.92	8.93	8.92	8.92	8.87	8.97
4,4'-DDE	8.58	8.58	8.58	8.57	8.57	8.57	8.57	8.57	8.52	8.62
Endrin	9.57	9.56	9.56	9.56	9.57	9.57	9.57	9.57	9.52	9.62
Endosulfan II	10.06	10.06	10.06	10.06	10.06	10.06	10.06	10.06	10.01	10.11
4,4'-DDD	9.79	9.79	9.79	9.79	9.79	9.79	9.78	9.79	9.73	9.83
Endosulfan sulfate	11.58	11.58	11.58	11.58	11.58	11.58	11.58	11.58	11.53	11.63
4,4'-DDT	10.63	10.63	10.62	10.62	10.62	10.62	10.62	10.62	10.57	10.67
Methoxychlor	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.08	12.18
Endrin ketone	12.50	12.50	12.49	12.50	12.50	12.49	12.50	12.50	12.45	12.55
Endrin aldehyde	10.97	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.91	11.01
gamma-Chlordane	8.09	8.09	8.09	8.09	8.09	8.09	8.09	8.09	8.04	8.14
alpha-Chlordane	8.32	8.32	8.32	8.32	8.32	8.32	8.32	8.32	8.27	8.37
Hexachlorobutadiene	2.98	2.98	2.98	2.99	2.99	2.99	2.99	2.99	2.94	3.04
Hexachlorobenzene	5.77	5.77	5.77	5.77	5.77	5.77	5.77	5.77	5.72	5.82
Tetrachloro-m-xylene	5.31	5.30	5.31	5.31	5.31	5.31	5.31	5.31	5.26	5.36
Decachlorobiphenyl	14.16	14.16	14.16	14.16	14.16	14.16	14.16	14.16	14.11	14.21

6E
8081 PESTICIDE INITIAL CALIBRATION

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC.

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: STX-CLP1 ID: 0.53 (mm) Instrument ID: ECD7

Calibration Date: 05/13/09

	CALIBRATION FACTORS								R^2
COMPOUND	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	MEAN	%RSD
alpha-BHC	1.1227	1.1293	1.2019	1.2747	1.2828	1.3384	1.4436	1.2562	9.2
beta-BHC	0.6104	0.5619	0.5915	0.5516	0.5186	0.5134	0.5331	0.5544	6.6
delta-BHC	1.0414	0.9746	1.0555	1.0518	1.0697	1.1242	1.2345	1.0788	7.6
gamma-BHC (Lindane)	1.0681	1.0229	1.0956	1.1235	1.1360	1.1718	1.2646	1.1261	6.9
Heptachlor	1.1986	1.1204	1.2035	1.1829	1.1750	1.2067	1.2841	1.1959	4.1
Aldrin	1.0269	0.9799	1.0484	1.0647	1.0797	1.1157	1.1934	1.0727	6.3
Heptachlor epoxide b	1.5204	1.2511	1.2844	1.0685	1.0545	1.0448	1.1000	1.1891	14.7
Endosulfan I	1.2463	1.1716	1.1585	1.1884	1.1386	1.1546	1.1826	1.1772	3.0
Dieldrin	1.0237	0.9641	1.0220	1.0732	1.0886	1.1063	1.1645	1.0632	6.2
4,4'-DDE	0.7880	0.7359	0.7978	0.8240	0.8731	0.9079	0.9994	0.8466	10.4
Endrin	1.5659	1.4714	1.5482	1.5966	1.6082	1.6578	1.7336	1.5974	5.2
Endosulfan II	1.4498	1.3939	1.4067	1.4462	1.4274	1.4706	1.5288	1.4462	3.1
4,4'-DDD	1.3859	1.2845	1.3464	1.3606	1.3656	1.4131	1.9939	1.4500	16.8
Endosulfan sulfate	1.5078	1.3980	1.4237	1.3778	1.3651	1.3792	1.4396	1.4130	3.5
4,4'-DDT	1.3629	1.2822	1.3625	1.3668	1.3981	1.4517	1.5608	1.3978	6.3
Methoxychlor	0.8462	0.7880	0.8041	0.7968	0.7652	0.7645	0.7590	0.7891	3.9
Endrin ketone	1.9949	1.7947	1.7544	1.7414	1.6913	1.7038	1.7526	1.7762	5.8
Endrin aldehyde	1.2984	1.2155	1.2099	1.2027	1.1692	1.1907	1.2411	1.2182	3.4
gamma-Chlordane	1.1802	1.0348	1.0667	1.0156	1.0140	1.0350	1.1097	1.0651	5.7
alpha-Chlordane	1.0574	0.9870	0.9868	0.9733	0.9646	0.9888	1.0551	1.0018	3.8
Hexachlorobutadiene	1.7949	1.6404	1.6528	1.6446	1.6078	1.5997	1.6707	1.6587	3.9
Hexachlorobenzene	1.2084	1.1248	1.1099	1.0706	1.0218	0.9984	1.0360	1.0814	6.7
Tetrachloro-m-xylene	0.9154	0.8963	0.9149	0.9208	0.8844	0.8999	0.9360	0.9097	1.9
Decachlorobiphenyl	1.6925	1.5042	1.4948	1.4433	1.3616	1.3204	1.3366	1.4505	9.0

FORM VI PEST-2

8081 PESTICIDE INITIAL CALIBRATION

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC.

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: STX-CLP2 ID: 0.53 (mm) Instrument ID: ECD7

Calibration Date: 05/13/09

	CALIBRATION FACTORS								R^2
COMPOUND	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	MEAN	%RSD
alpha-BHC	1.7988	1.5489	1.5782	1.5026	1.3980	1.3580	1.3587	1.5062	10.4
beta-BHC	0.9438	0.7617	0.7138	0.6405	0.5803	0.5489	0.5417	0.6758	0.9981
delta-BHC	1.5052	1.3325	1.3302	1.2859	1.2235	1.1956	1.2120	1.2978	8.2
gamma-BHC (Lindane)	1.5642	1.4062	1.3912	1.3416	1.2624	1.2180	1.2206	1.3434	9.2
Heptachlor	1.6626	1.4836	1.4427	1.3705	1.2732	1.2173	1.1988	1.3784	12.0
Aldrin	1.5443	1.3777	1.3578	1.2891	1.2081	1.1577	1.1477	1.2975	10.9
Heptachlor epoxide b	2.1079	1.7721	1.7232	1.3095	1.2022	1.1041	1.0830	1.4717	0.9959
Endosulfan I	1.5415	1.3356	1.2569	1.1884	1.0979	1.0428	1.0282	1.2130	15.1
Dieldrin	1.4065	1.2956	1.2792	1.2456	1.1602	1.1022	1.0836	1.2247	9.5
4,4'-DDE	1.3368	1.2278	1.2257	1.1948	1.1138	1.0634	1.0479	1.1729	8.8
Endrin	3.1427	2.9084	2.8872	2.7264	2.5376	2.4293	2.3443	2.7108	10.7
Endosulfan II	3.0553	2.8120	2.7406	2.5909	2.4002	2.3031	2.2160	2.5883	11.7
4,4'-DDD	2.9260	2.6925	2.6573	2.5107	2.3337	2.2486	2.1789	2.5068	10.8
Endosulfan sulfate	2.6873	2.4913	2.4370	2.3181	2.1448	2.0571	1.9929	2.3041	11.0
4,4'-DDT	2.3159	2.1584	2.2244	2.1913	2.1153	2.1114	2.1269	2.1776	3.4
Methoxychlor	1.1637	1.0563	1.0317	0.9761	0.8995	0.8519	0.8298	0.9727	12.4
Endrin ketone	3.0662	2.7865	2.7072	2.5834	2.3685	2.2934	2.2333	2.5769	11.7
Endrin aldehyde	2.4528	2.1074	2.1030	2.0214	1.8692	1.8037	1.7723	2.0185	11.7
gamma-Chlordane	1.4508	1.3525	1.3061	1.2313	1.1444	1.0986	1.0926	1.2395	11.0
alpha-Chlordane	1.5251	1.3325	1.2673	1.1953	1.1071	1.0524	1.0432	1.2176	14.3
Hexachlorobutadiene	2.1610	1.9574	1.9261	1.7862	1.6305	1.5334	1.5044	1.7856	13.7
Hexachlorobenzene	1.6962	1.4252	1.3540	1.2221	1.1059	1.0452	1.0284	1.2681	19.1
Tetrachloro-m-xylene	1.2032	1.0899	1.0811	1.0096	0.9282	0.8774	0.8599	1.0070	12.5
Decachlorobiphenyl	2.2305	1.7979	1.7885	1.7158	1.6078	1.5275	1.5097	1.7397	14.1

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron
Curve Type : Average

Calibration File Names:
Level 1: /chem2/ecd7.i/20090513.b/ical-2.b/0513A032.d
Level 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A033.d
Level 3: /chem2/ecd7.i/20090513.b/ical-2.b/0513A034.d
Level 4: /chem2/ecd7.i/20090513.b/ical-2.b/0513A035.d
Level 5: /chem2/ecd7.i/20090513.b/ical-2.b/0513A036.d
Level 6: /chem2/ecd7.i/20090513.b/ical-2.b/0513A037.d
Level 7: /chem2/ecd7.i/20090513.b/ical-2.b/0513A030.d

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	80.000 Level 7	RRF	% RSD	
1 Hexachlorobutadiene	2.16096	1.95736	1.92614	1.78621	1.63048	1.53343	1.50443	1.78557	13.658	
3 Hexachlorobenzene	1.69622	1.42522	1.35396	1.22213	1.10588	1.04521	1.02836	1.26814	19.071	
4 alpha-BHC	1.79875	1.54887	1.57823	1.50260	1.39806	1.35801	1.35872	1.50618	10.428	
5 gamma-BHC (Lindane)	1.56419	1.40619	1.39122	1.34156	1.26239	1.21805	1.22056	1.34346	9.235	
6 beta-BHC	0.94383	0.76171	0.71382	0.64055	0.58032	0.54894	0.54168	0.67584	21.366	<-
7 delta-BHC	1.50521	1.33248	1.33017	1.28594	1.22352	1.19566	1.21199	1.29785	8.246	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron
Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	RRF	% RSD	
	80.000 Level 7								
8 Heptachlor	1.66256	1.48365	1.44268	1.37054	1.27316	1.21735			
	1.19884						1.37840	12.041	
37 Chlorthalonil	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++						+++++	+++++	
9 Aldrin	1.54435	1.37772	1.35784	1.28913	1.20806	1.15767			
	1.14769						1.29749	10.948	
10 Heptachlor Epoxide a	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++						+++++	+++++	
11 Heptachlor epoxide b	2.10790	1.77212	1.72319	1.30950	1.20220	1.10413			
	1.08301						1.47172	26.943	<-
12 gamma-Chlordane	1.45085	1.35251	1.30614	1.23130	1.14444	1.09863			
	1.09264						1.23950	11.042	
13 alpha-Chlordane	1.52515	1.33246	1.26732	1.19535	1.10706	1.05236			
	1.04324						1.21756	14.252	
14 Endosulfan I	1.54150	1.33559	1.25687	1.18837	1.09792	1.04276			
	1.02819						1.21303	15.121	
15 4,4'-DDE	1.33686	1.22784	1.22566	1.19479	1.11384	1.06343			
	1.04787						1.17290	8.824	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron
Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	RRF	% RSD
	80.000 Level 7							
16 Dieldrin	1.40651	1.29557	1.27922	1.24565	1.16024	1.10222		
	1.08361						1.22472	9.461
17 Endrin	3.14270	2.90835	2.88726	2.72637	2.53761	2.42934		
	2.34431						2.71085	10.654
18 4,4'-DDD	2.92605	2.69252	2.65728	2.51074	2.33370	2.24864		
	2.17892						2.50684	10.766
19 Endosulfan II	3.05531	2.81200	2.74056	2.59087	2.40018	2.30307		
	2.21600						2.58829	11.662
20 4,4'-DDT	2.31589	2.15838	2.22439	2.19126	2.11528	2.11136		
	2.12692						2.17764	3.391
21 Endrin aldehyde	2.45285	2.10735	2.10300	2.02143	1.86924	1.80368		
	1.77227						2.01855	11.667
22 Endosulfan sulfate	2.68728	2.49127	2.43695	2.31806	2.14479	2.05710		
	1.99294						2.30406	10.964
23 Methoxychlor	1.16368	1.05635	1.03168	0.97608	0.89954	0.85190		
	0.82981						0.97272	12.402
24 Endrin ketone	3.06625	2.78647	2.70725	2.58340	2.36852	2.29337		
	2.23332						2.57694	11.666

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron
Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	80.000 Level 7	___ RRF	% RSD
26 Aroclor-1016(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
27 Aroclor-1221(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron
Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	80.000 Level 7	___ RRF	% RSD
28 Aroclor-1232(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
29 Aroclor-1242(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron
Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	80.000 Level 7	___ RRF	% RSD
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
30 Aroclor-1248(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
31 Aroclor-1254(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron
Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	80.000 Level 7	___ RRF	% RSD
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
32 Aroclor-1260(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
33 Aroclor-1262(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron
Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	RRF	% RSD
	80.000 Level 7							
(3)	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
34 Aroclor-1268(1)	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
35 Toxaphene(1)	0.08870	0.08252	0.07680	0.07295	0.07369	0.06553		
	+++++						0.07670	10.525

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron
Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	RRF	% RSD
	80.000 Level 7							
(2)	0.13578	+++++	+++++	+++++	+++++	+++++		
	+++++						0.13578	0.000
(3)	0.15522	+++++	+++++	+++++	+++++	+++++		
	+++++						0.15522	0.000
(4)	0.11712	+++++	+++++	+++++	+++++	+++++		
	+++++						0.11712	0.000
(5)	0.04611	+++++	+++++	+++++	+++++	+++++		
	+++++						0.04611	0.000
38 2,4-DDE	0.91429	0.85970	0.81484	0.75106	+++++	0.67995		
	0.63165						0.77525	13.931
39 2,4-DDD	2.28953	2.06581	1.91930	1.75047	+++++	1.55383		
	1.43043						1.83489	17.522
40 2,4-DDT	2.14541	2.00572	1.90161	1.74871	+++++	1.62115		
	1.52300						1.82427	12.967
41 Hexachloroethane	2.79764	2.62223	2.54803	2.38733	2.21709	2.21692		
	2.08806						2.41104	10.615
42 Oxychlordane	1.23742	1.13381	1.06604	0.97488	0.89870	0.88211		
	0.82166						1.00209	14.980

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron
Curve Type : Average

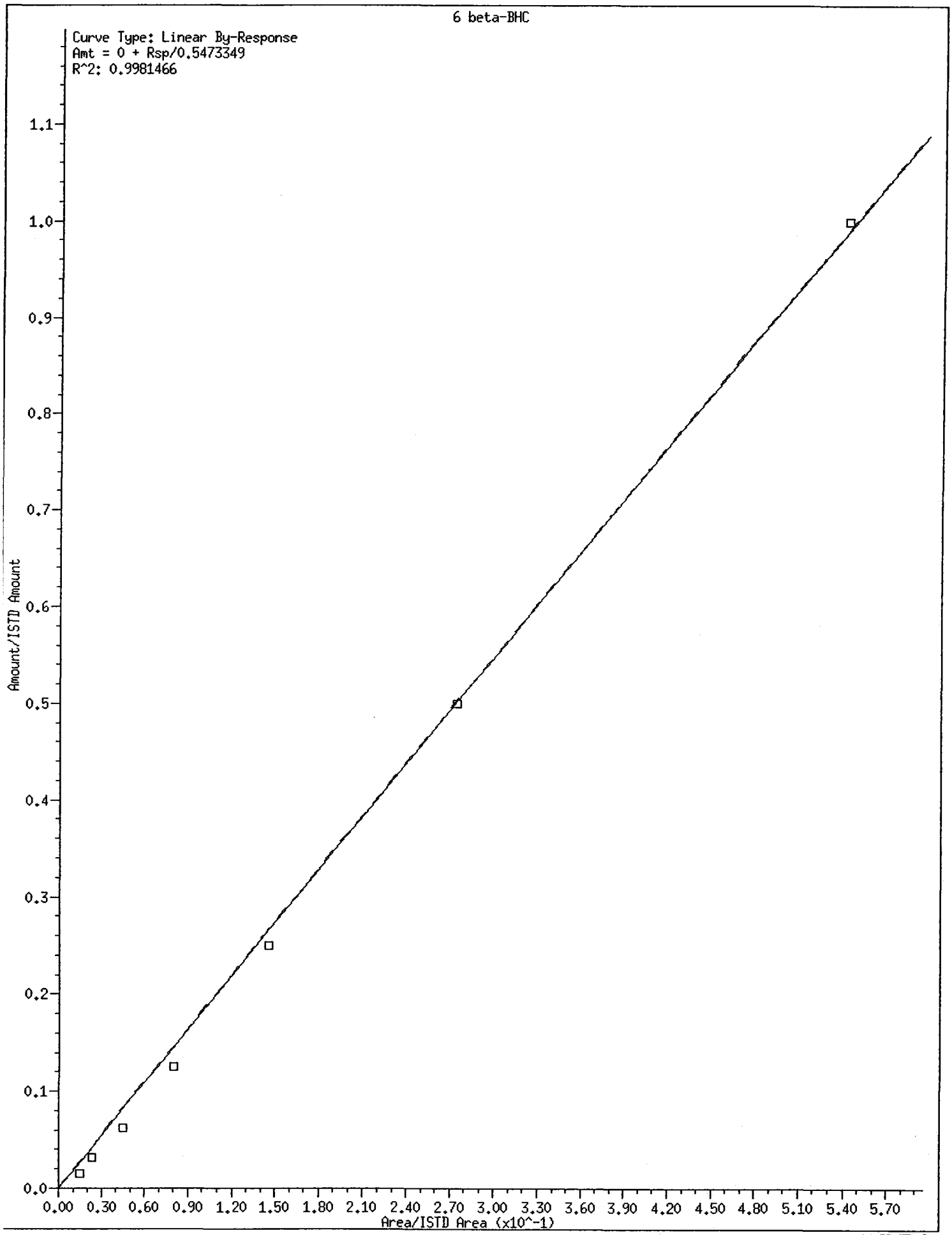
Compound	1.250 Level 1 / 80.000 Level 7	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	RRF	% RSD	
43 trans-Nonachlor	3.37076 / 2.24853	3.13151	2.99457	2.73502	2.43334	2.42519	2.76270	15.121	
44 cis-Nonachlor	3.77027 / 2.53911	3.49154	3.29358	3.00579	2.73618	2.73171	3.08117	14.689	
45 Mirex	2.58372 / 1.47246	2.28212	2.10556	1.83526	1.61592	1.59050	1.92651	21.342	<-
46 bis-(2-ethylhexyl) Phthalate	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	
47 Trifluralin	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	
48 Dacthal	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	
49 Oxadiazon	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	
50 Kelthane	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	
51 Chlorpyrifos	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	

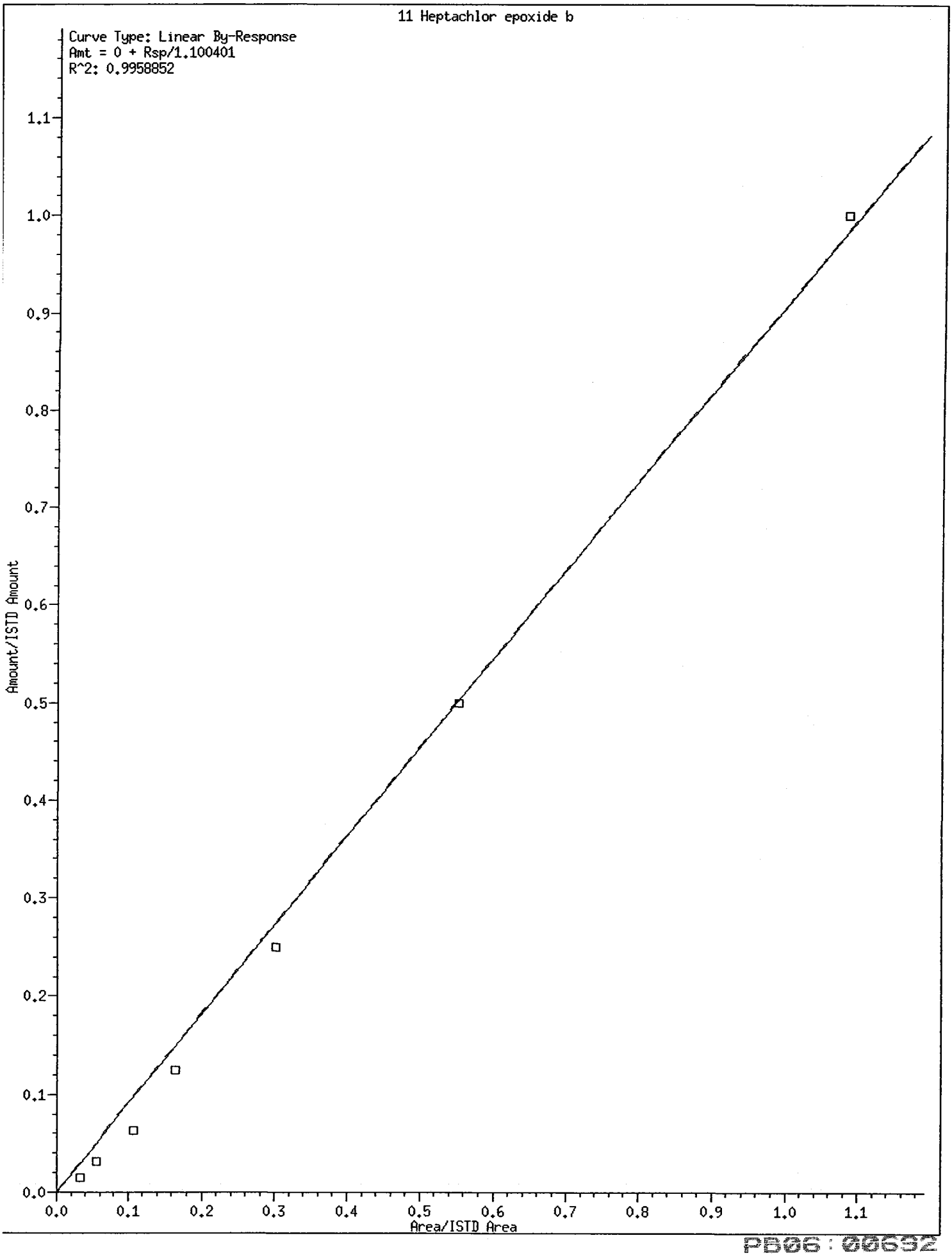
Analytical Resources, Inc.

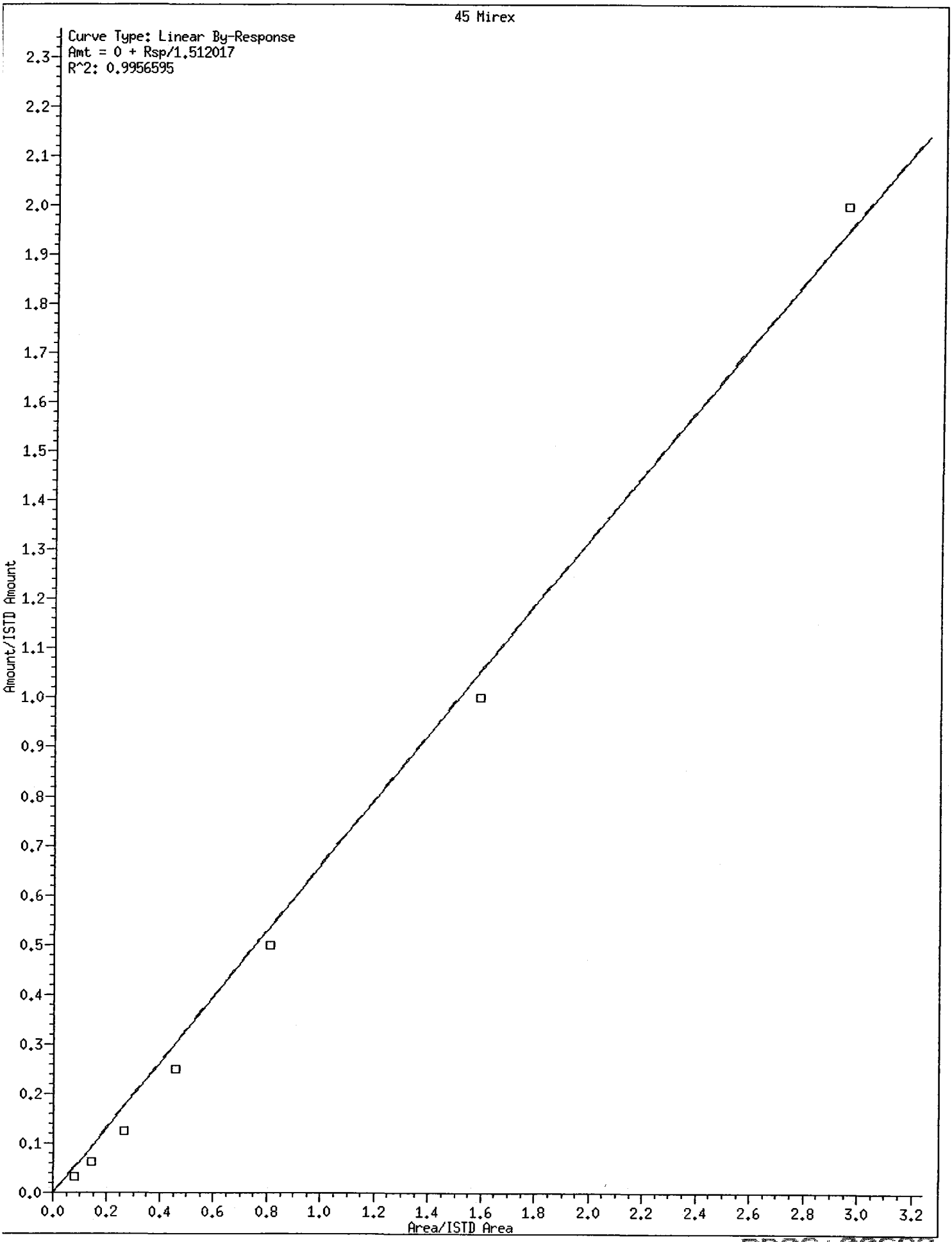
INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron
Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	RRF	% RSD
	80.000 Level 7							
53 Methyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
54 Ethyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
$ 2 Tetrachloro-m-xylene	1.20319	1.08992	1.08107	1.00956	0.92818	0.87739		
	0.85993						1.00703	12.528
$ 25 Decachlorobiphenyl	2.23047	1.79787	1.78852	1.71579	1.60777	1.52755		
	1.50968						1.73966	14.129


6 beta-BHC
Curve Type: Linear By-Response
Amt = 0 + Rsp/0.5473349
R^2: 0.9981466
Amount/ISTD Amount
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.00 0.30 0.60 0.90 1.20 1.50 1.80 2.10 2.40 2.70 3.00 3.30 3.60 3.90 4.20 4.50 4.80 5.10 5.40 5.70
Area/ISTD Area (x10^-1)


11 Heptachlor epoxide b
Curve Type: Linear By-Response
Amt = 0 + Rsp/1.100401
R^2: 0.9958852
Amount/ISTD Amount
Area/ISTD Area
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1


45 Mirex
Curve Type: Linear By-Response
Amt = 0 + Rsp/1.512017
R^2: 0.9956595
Amount/ISTD Amount
Area/ISTD Area
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
2.1
2.2
2.3
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0
3.2

PB06:006533

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron

Calibration File Names:
Level 1: /chem2/ecd7.i/20090513.b/ical-2.b/0513A032.d
Level 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A033.d
Level 3: /chem2/ecd7.i/20090513.b/ical-2.b/0513A034.d
Level 4: /chem2/ecd7.i/20090513.b/ical-2.b/0513A035.d
Level 5: /chem2/ecd7.i/20090513.b/ical-2.b/0513A036.d
Level 6: /chem2/ecd7.i/20090513.b/ical-2.b/0513A037.d
Level 7: /chem2/ecd7.i/20090513.b/ical-2.b/0513A030.d

Compound	1 Level 1	2 Level 2	5 Level 3	10 Level 4	20 Level 5	40 Level 6	80 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2
1 Hexachlorobutadiene	2.16096	1.95736	1.92614	1.78621	1.63048	1.53343	1.50443	AVRG		1.78557		13.65821
3 Hexachlorobenzene	1.69622	1.42522	1.35396	1.22213	1.10588	1.04521	1.02836	AVRG		1.26814		19.07108
4 alpha-BHC	1.79875	1.54887	1.57823	1.50260	1.39806	1.35801	1.35872	AVRG		1.50618		10.42801
5 gamma-BHC (Lindane)	1.56419	1.40619	1.39122	1.34156	1.26239	1.21805	1.22056	AVRG		1.34346		9.23486

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron

Compound	1 Level 1	2 Level 2	5 Level 3	10 Level 4	20 Level 5	40 Level 6	80 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2
6 beta-BHC	48081	74769	144577	271659	463262	938414	1891161	LINR	0.000e+00	0.54733		0.99815
7 delta-BHC	1.50521	1.33248	1.33017	1.28594	1.22352	1.19566	1.21199	AVRG		1.29785		8.24608
8 Heptachlor	1.66256	1.48365	1.44268	1.37054	1.27316	1.21735	1.19884	AVRG		1.37840		12.04078
37 Chlorthalonil	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
9 Aldrin	1.54435	1.37772	1.35784	1.28913	1.20806	1.15767	1.14769	AVRG		1.29749		10.94820
10 Heptachlor Epoxide a	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
11 Heptachlor epoxide b	107382	173949	349016	555365	959704	1887505	3781138	LINR	0.000e+00	1.10040		0.99589

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
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Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron

Compound	1 Level 1	2 Level 2	5 Level 3	10 Level 4	20 Level 5	40 Level 6	80 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2
12 gamma-Chlordane	1.45085	1.35251	1.30614	1.23130	1.14444	1.09863	1.09264	AVRG		1.23950		11.04210
13 alpha-Chlordane	1.52515	1.33246	1.26732	1.19535	1.10706	1.05236	1.04324	AVRG		1.21756		14.25216
14 Endosulfan I	1.54150	1.33559	1.25687	1.18837	1.09792	1.04276	1.02819	AVRG		1.21303		15.12074
15 4,4'-DDE	1.33686	1.22784	1.22566	1.19479	1.11384	1.06343	1.04787	AVRG		1.17290		8.82393
16 Dieldrin	1.40651	1.29557	1.27922	1.24565	1.16024	1.10222	1.08361	AVRG		1.22472		9.46081
17 Endrin	3.14270	2.90835	2.88726	2.72637	2.53761	2.42934	2.34431	AVRG		2.71085		10.65397
18 4,4'-DDD	2.92605	2.69252	2.65728	2.51074	2.33370	2.24864	2.17892	AVRG		2.50684		10.76615

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
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Quant Method : ISTD
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Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron

Compound	1 Level 1	2 Level 2	5 Level 3	10 Level 4	20 Level 5	40 Level 6	80 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2
19 Endosulfan II	3.05531	2.81200	2.74056	2.59087	2.40018	2.30307	2.21600	AVRG		2.58829		11.66215
20 4,4'-DDT	2.31589	2.15838	2.22439	2.19126	2.11528	2.11136	2.12692	AVRG		2.17764		3.39070
21 Endrin aldehyde	2.45285	2.10735	2.10300	2.02143	1.86924	1.80368	1.77227	AVRG		2.01855		11.66672
22 Endosulfan sulfate	2.68728	2.49127	2.43695	2.31806	2.14479	2.05710	1.99294	AVRG		2.30406		10.96438
23 Methoxychlor	1.16368	1.05635	1.03168	0.97608	0.89954	0.85190	0.82981	AVRG		0.97272		12.40231
24 Endrin ketone	3.06625	2.78647	2.70725	2.58340	2.36852	2.29337	2.23332	AVRG		2.57694		11.66634
26 Aroclor-1016(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron

Compound	1 Level 1	2 Level 2	5 Level 3	10 Level 4	20 Level 5	40 Level 6	80 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
27 Aroclor-1221(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
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Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron

Compound	1 Level 1	2 Level 2	5 Level 3	10 Level 4	20 Level 5	40 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	80 Level 7										
(4)	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+00		0.000e+00
28 Aroclor-1232(1)	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+00		0.000e+00
(2)	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+00		0.000e+00
(3)	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+00		0.000e+00
(4)	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+00		0.000e+00
(5)	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+00		0.000e+00
29 Aroclor-1242(1)	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+00		0.000e+00

Analytical Resources, Inc.

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Start Cal Date : 13-MAY-2009 21:10
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Quant Method : ISTD
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron

Compound	1 Level 1	2 Level 2	5 Level 3	10 Level 4	20 Level 5	40 Level 6	80 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
30 Aroclor-1248(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

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Quant Method : ISTD
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron

Compound	1 Level 1	2 Level 2	5 Level 3	10 Level 4	20 Level 5	40 Level 6	80 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
31 Aroclor-1254(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00

Analytical Resources, Inc.

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Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron

Compound	1 Level 1 / 80 Level 7	2 Level 2	5 Level 3	10 Level 4	20 Level 5	40 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
32 Aroclor-1260(1)	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(2)	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(3)	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(4)	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(5)	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
33 Aroclor-1262(1)	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
(2)	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

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Quant Method : ISTD
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron

Compound	1 Level 1	2 Level 2	5 Level 3	10 Level 4	20 Level 5	40 Level 6	80 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
34 Aroclor-1268(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++					
								AVRG		0.000e+00		0.000e+00

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
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Quant Method : ISTD
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron

Compound	1 Level 1	2 Level 2	5 Level 3	10 Level 4	20 Level 5	40 Level 6	80 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
35 Toxaphene(1)	0.08870	0.08252	0.07680	0.07295	0.07369	0.06553	+++++	AVRG		0.07670		10.52499
(2)	0.13578	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.13578		0.000e+00
(3)	0.15522	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.15522		0.000e+00
(4)	0.11712	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.11712		0.000e+00
(5)	0.04611	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.04611		0.000e+00
38 2,4-DDE	0.91429	0.85970	0.81484	0.75106	+++++	0.67995	0.63165	AVRG		0.77525		13.93085

Analytical Resources, Inc.

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Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron

Compound	1 Level 1	2 Level 2	5 Level 3	10 Level 4	20 Level 5	40 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	80 Level 7										
39 2,4-DDD	2.28953	2.06581	1.91930	1.75047	+++++	1.55383					
	1.43043						AVRG		1.83489		17.52235
40 2,4-DDT	2.14541	2.00572	1.90161	1.74871	+++++	1.62115					
	1.52300						AVRG		1.82427		12.96659
41 Hexachloroethane	2.79764	2.62223	2.54803	2.38733	2.21709	2.21692					
	2.08806						AVRG		2.41104		10.61494
42 Oxychlordane	1.23742	1.13381	1.06604	0.97488	0.89870	0.88211					
	0.82166						AVRG		1.00209		14.97977
43 trans-Nonachlor	3.37076	3.13151	2.99457	2.73502	2.43334	2.42519					
	2.24853						AVRG		2.76270		15.12074
44 cis-Nonachlor	3.77027	3.49154	3.29358	3.00579	2.73618	2.73171					
	2.53911						AVRG		3.08117		14.68898
45 Mirex	104477	195235	382952	635992	1320915	2255194					
	4030413						LINR	0.000e+00	1.51202		0.99566

Analytical Resources, Inc.

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Cal Date : 15-May-2009 16:59 aron

Compound	1 Level 1	2 Level 2	5 Level 3	10 Level 4	20 Level 5	40 Level 6	80 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2
46 bis-(2-ethylhexyl) Phthalate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
47 Trifluralin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
48 Dacthal	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
49 Oxadiazon	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
50 Kelthane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
51 Chlorpyrifos	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00
53 Methyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00

Analytical Resources, Inc.

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Target Version : 3.50
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Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron

Compound	1 Level 1	2 Level 2	5 Level 3	10 Level 4	20 Level 5	40 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	80 Level 7										
54 Ethyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+00		0.000e+00
$ 2 Tetrachloro-m-xylene	1.20319	1.08992	1.08107	1.00956	0.92818	0.87739					
	0.85993						AVRG		1.00703		12.52799
$ 25 Decachlorobiphenyl	2.23047	1.79787	1.78852	1.71579	1.60777	1.52755					
	1.50968						AVRG		1.73966		14.12935

PEST 05/13/09

Analytical Resources, Inc.

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Method file : /chem2/ecd7.i/20090513.b/PEST0513B.m
Cal Date : 15-May-2009 16:59 aron

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
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Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513.m
Cal Date : 15-May-2009 17:44 aron
Curve Type : Average

Calibration File Names:
Level 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A032.d
Level 2: /chem2/ecd7.i/20090513.b/ical-1.b/0513A033.d
Level 3: /chem2/ecd7.i/20090513.b/ical-1.b/0513A034.d
Level 4: /chem2/ecd7.i/20090513.b/ical-1.b/0513A035.d
Level 5: /chem2/ecd7.i/20090513.b/ical-1.b/0513A036.d
Level 6: /chem2/ecd7.i/20090513.b/ical-1.b/0513A037.d
Level 7: /chem2/ecd7.i/20090513.b/ical-1.b/0513A030.d

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	RRF	% RSD
	80.000 Level 7							
1 Hexachlorobutadiene	1.79488	1.64043	1.65283	1.64459	1.60785	1.59972		
	1.67072						1.65872	3.916
3 Hexachlorobenzene	1.20843	1.12479	1.10989	1.07058	1.02184	0.99842		
	1.03604						1.08143	6.694
4 alpha-BHC	1.12271	1.12929	1.20187	1.27467	1.28278	1.33842		
	1.44364						1.25620	9.182
5 gamma-BHC (Lindane)	1.06808	1.02294	1.09563	1.12351	1.13604	1.17184		
	1.26457						1.12609	6.908
6 beta-BHC	0.61044	0.56188	0.59151	0.55161	0.51866	0.51346		
	0.53308						0.55438	6.583
7 delta-BHC	1.04143	0.97459	1.05551	1.05181	1.06973	1.12419		
	1.23451						1.07882	7.560

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Cal Date : 15-May-2009 17:44 aron
Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	RRF	% RSD
	80.000 Level 7							
8 Heptachlor	1.19858	1.12039	1.20354	1.18288	1.17503	1.20667		
	1.28410						1.19588	4.078
9 Aldrin	1.02691	0.97994	1.04841	1.06466	1.07967	1.11566		
	1.19340						1.07267	6.348
38 Chlorthalonil	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
10 Heptachlor Epoxide a	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
11 Heptachlor epoxide b	1.52037	1.25113	1.28439	1.06846	1.05452	1.04480		
	1.10000						1.18910	14.731
12 gamma-Chlordane	1.18016	1.03480	1.06670	1.01565	1.01401	1.03504		
	1.10970						1.06515	5.699
13 alpha-Chlordane	1.05741	0.98705	0.98677	0.97333	0.96464	0.98879		
	1.05510						1.00187	3.809
14 Endosulfan I	1.24635	1.17156	1.15853	1.18844	1.13857	1.15458		
	1.18265						1.17724	2.967
15 4,4'-DDE	0.78796	0.73588	0.79779	0.82404	0.87311	0.90792		
	0.99939						0.84658	10.387

Analytical Resources, Inc.

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Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	RRF	% RSD
	80.000 Level 7							
16 Dieldrin	1.02374	0.96411	1.02202	1.07317	1.08865	1.10634		
	1.16451						1.06322	6.185
17 Endrin	1.56591	1.47140	1.54825	1.59662	1.60820	1.65777		
	1.73363						1.59740	5.213
18 4,4'-DDD	1.38590	1.28453	1.34645	1.36064	1.36558	1.41311		
	1.99388						1.45001	16.763
19 Endosulfan II	1.44975	1.39387	1.40669	1.44622	1.42738	1.47063		
	1.52885						1.44620	3.105
20 4,4'-DDT	1.36295	1.28218	1.36253	1.36676	1.39812	1.45173		
	1.56081						1.39787	6.282
21 Endrin aldehyde	1.29837	1.21549	1.20991	1.20271	1.16919	1.19067		
	1.24111						1.21821	3.422
22 Methoxychlor	0.84626	0.78796	0.80410	0.79685	0.76520	0.76451		
	0.75896						0.78912	3.885
23 Endosulfan sulfate	1.50775	1.39803	1.42368	1.37781	1.36510	1.37919		
	1.43960						1.41302	3.503
24 Endrin ketone	1.99495	1.79471	1.75435	1.74141	1.69127	1.70383		
	1.75255						1.77615	5.764

Analytical Resources, Inc.

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Cal Date : 15-May-2009 17:44 aron
Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	80.000 Level 7	___ RRF	% RSD
26 Aroclor-1016(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
27 Aroclor-1221(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513.m
Cal Date : 15-May-2009 17:44 aron
Curve Type : Average

Compound	1.250 Level 1 / 80.000 Level 7	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	RRF	% RSD
28 Aroclor-1232(1)	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(5)	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
29 Aroclor-1242(1)	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513.m
Cal Date : 15-May-2009 17:44 aron
Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	80.000 Level 7	___ RRF	% RSD
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(6)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
30 Aroclor-1248(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
31 Aroclor-1254(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513.m
Cal Date : 15-May-2009 17:44 aron
Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	80.000 Level 7	___ RRF	% RSD
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
32 Aroclor-1260(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
33 Aroclor-1262(1)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513.m
Cal Date : 15-May-2009 17:44 aron
Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	RRF	% RSD
	80.000 Level 7							
(2)	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
34 Aroclor-1268(1)	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
(2)	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
(3)	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
(4)	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
(5)	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513.m
Cal Date : 15-May-2009 17:44 aron
Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	RRF	% RSD
	80.000 Level 7							
35 Toxaphene(1)	0.05912	+++++	+++++	+++++	+++++	+++++		
	+++++						0.05912	0.000
(2)	0.07749	+++++	+++++	+++++	+++++	+++++		
	+++++						0.07749	0.000
(3)	0.06134	+++++	+++++	+++++	+++++	+++++		
	+++++						0.06134	0.000
(4)	0.08825	+++++	+++++	+++++	+++++	+++++		
	+++++						0.08825	0.000
(5)	0.08659	+++++	+++++	+++++	+++++	+++++		
	+++++						0.08659	0.000
(6)	0.05085	+++++	+++++	+++++	+++++	+++++		
	+++++						0.05085	0.000
39 2,4-DDE	1.55283	1.25405	1.13473	1.08763	1.01306	1.07002		
	1.05087						1.16617	16.057
40 2,4-DDD	1.24525	1.15652	1.08211	1.04128	0.97613	1.03428		
	0.96081						1.07091	9.429
41 2,4-DDT	1.16993	1.15341	1.12032	1.10097	1.06345	1.13617		
	1.13307						1.12533	3.122

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513.m
Cal Date : 15-May-2009 17:44 aron
Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	RRF	% RSD
	80.000 Level 7							
42 Hexachloroethane	1.47699	1.51296	1.53624	1.58219	1.59520	1.71890		
	1.60836						1.57583	4.999
43 Oxychlordane	1.86983	1.62995	1.52277	1.45053	1.37437	1.46161		
	1.43896						1.53543	10.925
44 trans-Nonachlor	1.97325	1.79028	1.72501	1.66229	1.57143	1.71946		
	1.69079						1.73322	7.227
45 cis-Nonachlor	1.93885	1.83116	1.79848	1.80263	1.75027	1.88646		
	1.87343						1.84018	3.458
46 Mirex	1.55563	1.43252	1.45126	1.28761	1.18853	1.25228		
	1.21581						1.34052	10.383
47 bis-(2-ethylhexyl) Phthalate	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
48 Trifluralin	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
49 Dacthal	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
50 Oxadiazon	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-MAY-2009 21:10
End Cal Date : 14-MAY-2009 04:45
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd7.i/20090513.b/PEST0513.m
Cal Date : 15-May-2009 17:44 aron
Curve Type : Average

Compound	1.250 Level 1	2.500 Level 2	5.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	RRF	% RSD
	80.000 Level 7							
51 Kelthane	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
53 Chlorpyrifos	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
55 Methyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
56 Ethyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
$ 2 Tetrachloro-m-xylene	0.91544	0.89628	0.91489	0.92083	0.88441	0.89993		
	0.93596						0.90968	1.898
$ 25 Decachlorobiphenyl	1.69249	1.50417	1.49480	1.44332	1.36164	1.32041		
	1.33662						1.45049	8.956

7E

8081 DDT/ENDRIN BREAKDOWN VERIFICATION SUMMARY

Lab ID: DS ARI Job No.: 20090513

Analysis Date: 13-MAY-2009 20:28 Init. Calib. Date: 04-MAY-2009

GC Column: STX-CLP1 ID: 0.53(mm)

COMPOUND	RT	AREA
4,4'-DDE	7.122	23910
Endrin	7.773	3203709
4,4'-DDD	7.873	137851
4,4'-DDT	8.284	2790766
Endrin ketone	10.341	217979
Endrin aldehyde	8.796	42561

DDT Percent Breakdown = 5.5 %
((23910+137851) * 100)/(23910+137851+2790766)

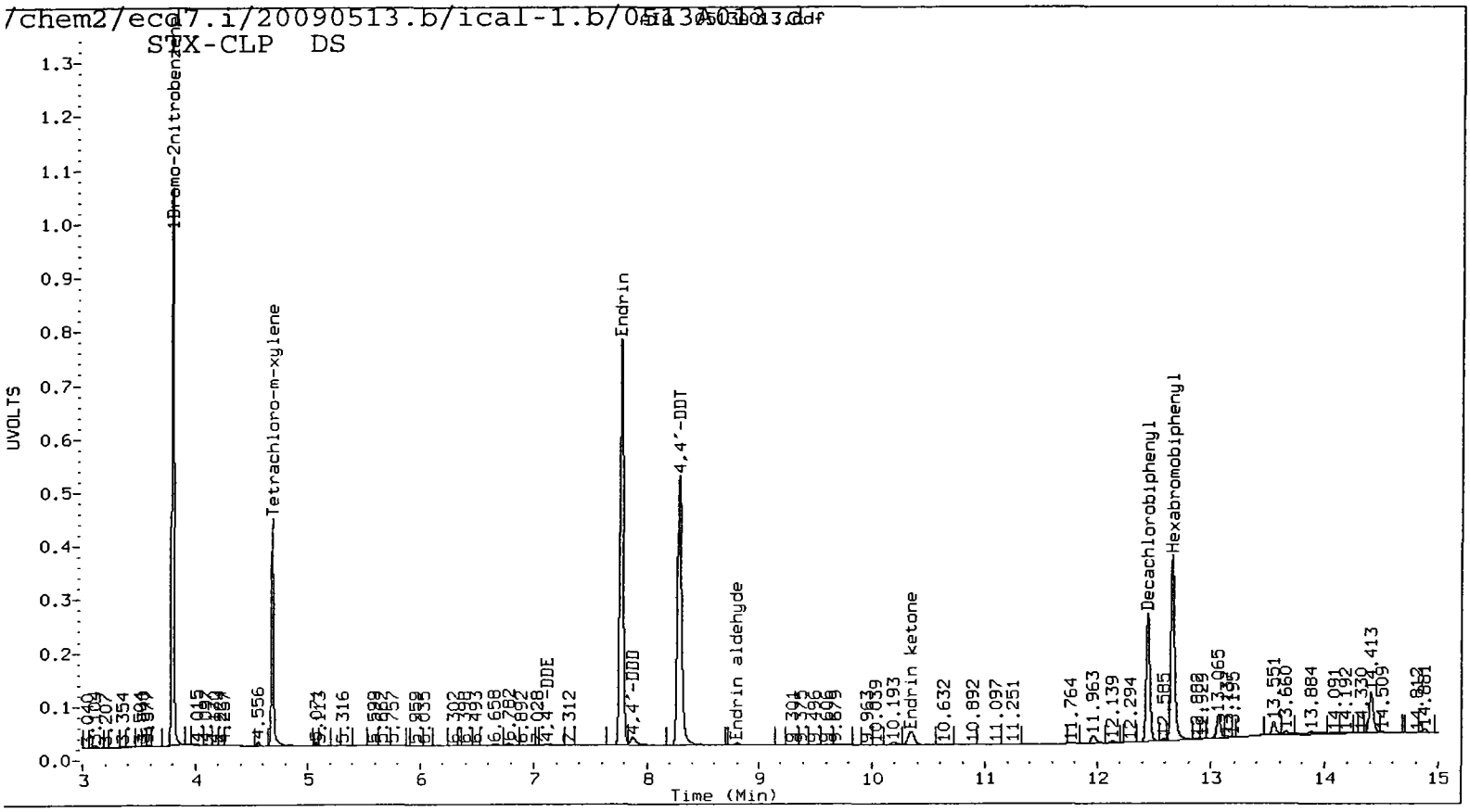
Endrin Percent Breakdown = 7.5 %
((42561+217979) * 100)/(42561+217979+3203709)

GC Column: STX-CLP2 ID: 0.53(mm)

COMPOUND	RT	AREA
4,4'-DDE	8.580	52208
Endrin	9.565	3737375
4,4'-DDD	9.793	246540
4,4'-DDT	10.623	3193823
Endrin ketone	12.495	276917
Endrin aldehyde	10.968	35589

DDT Percent Breakdown = 8.6 %
((52208+246540) * 100)/(52208+246540+3193823)

Endrin Percent Breakdown = 7.7 %
((35589+276917) * 100)/(35589+276917+3737375)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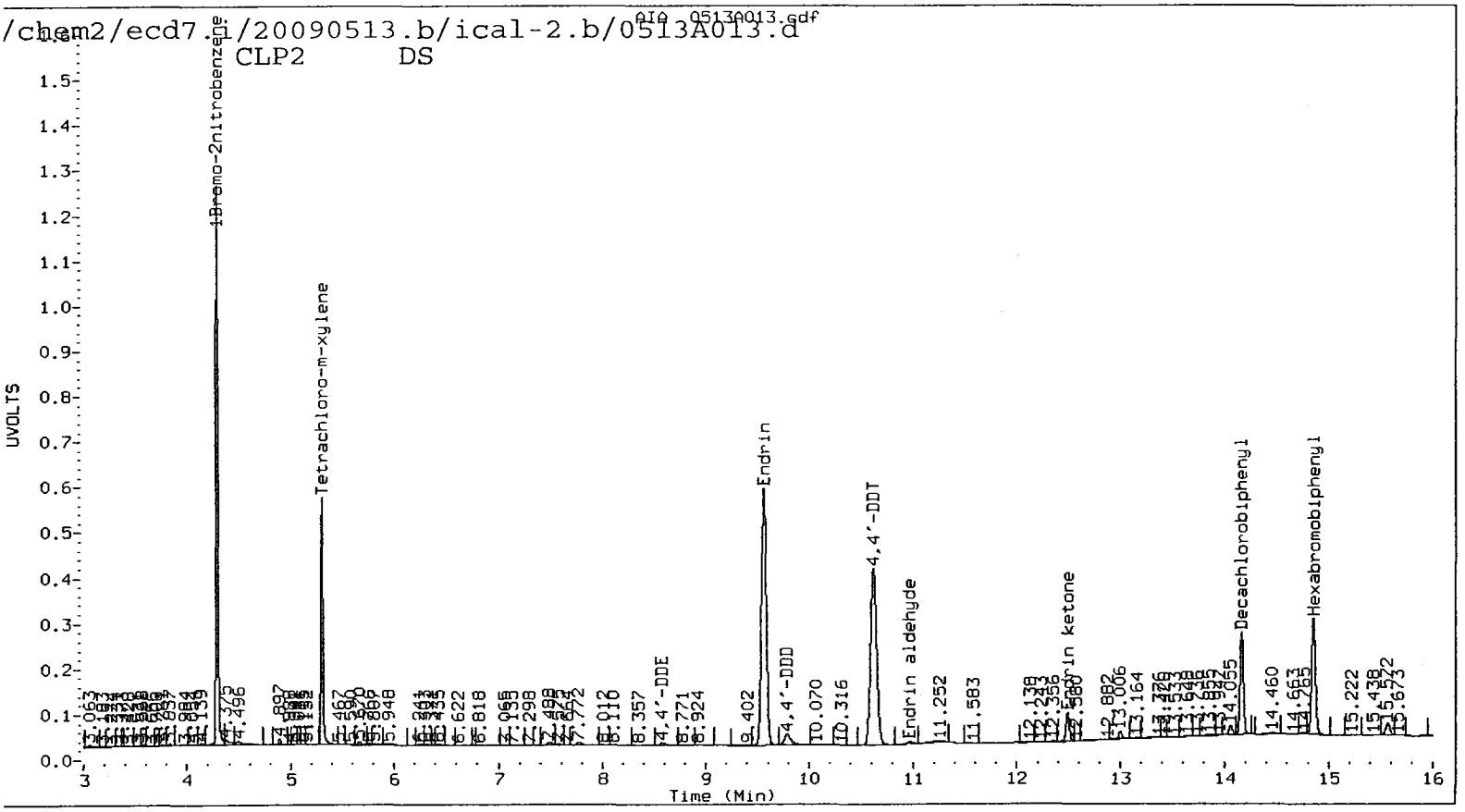
STX-CLP DS
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
4,4'-DDE
Endrin
4,4'-DDD
4,4'-DDT
Endrin aldehyde
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl
UVOLTS
Time (Min)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CLP2 DS
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
4,4'-DDE
Endrin
4,4'-DDD
4,4'-DDT
Endrin aldehyde
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl
UVOLTS
Time (Min)

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A015.d ARI ID: INDAC
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A015.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 13-MAY-2009 21:10
Compound Sublist: INDA Report Date: 05/15/2009 17:58
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.796	0.000	2689543	4.288	0.000	3193166	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.235	0.000	862521	5.898	0.000	1116058	20.4232	18.5643	9.5	alpha-BHC A B
5.599	0.000	348739	6.314	0.000	463262	18.7115	21.2052	12.5	beta-BHC A B
5.748	0.000	719270	6.620	0.000	976729	19.8314	18.8546	5.0	delta-BHC A B
5.516	0.000	763860	6.241	0.000	1007756	20.1769	18.7932	7.1	gamma-BHC (Lindane) A B
5.921	0.000	790075	6.702	0.000	1016356	19.6513	18.4731	6.2	Heptachlor A B
6.184	0.000	725958	7.075	0.000	964388	20.1307	18.6215	7.8	Aldrin A B
6.761	0.000	709044	7.805	0.000	959704	17.7365	21.8502	20.8	Heptachlor epoxide b A B
7.186	0.000	765555	8.430	0.000	876464	19.3430	18.1022	6.6	Endosulfan I A B
7.470	0.000	1463981	8.925	0.000	1852417	40.9565	37.8941	7.8	Dieldrin A B
7.117	0.000	1174127	8.574	0.002	1778345	41.2531	37.9860	8.2	4,4'-DDE A B
7.773	0.000	1339311	9.566	0.000	1700328	40.2706	37.4437	7.3	Endrin A B
8.096	0.000	1188720	10.061	0.000	1608244	39.4794	37.0929	6.2	Endosulfan II A B
7.869	0.000	1137257	9.788	0.003	1563699	37.6709	37.2374	1.2	4,4'-DDD A B
9.682	0.000	1136854	11.583	0.000	1437120	38.6434	37.2350	3.7	Endosulfan sulfate A B
8.284	0.000	1164354	10.624	0.002	1417346	40.0072	38.8545	2.9	4,4'-DDT A B
9.181	0.000	3186279	12.131	-0.001	3013702	193.9368	184.9545	4.7	Methoxychlor A B
10.341	0.000	1408491	12.495	-0.001	1587030	38.0884	36.7648	3.5	Endrin ketone A B
8.792	0.000	973703	10.962	0.000	1252490	38.3906	37.0414	3.6	Endrin aldehyde A B
6.888	0.000	681803	8.087	0.000	913599	19.0396	18.4662	3.1	gamma-Chlordane A B
7.030	0.000	648608	8.320	0.000	883757	19.2567	18.1849	5.7	alpha-Chlordane A B
2.463	0.000	1081096	2.985	-0.001	1301595	19.3867	18.2628	6.0	Hexachlorobutadiene A B
5.070	0.000	687073	5.766	0.000	882816	18.8981	17.4410	8.0	Hexachlorobenzene A B
12.664	-0.002	1665600	14.859	0.000	1340104	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.686	0.000	1189336	5.305	0.000	1481911	38.8892	36.8677	5.3	Tetrachloro-m-xylene A B
12.451	0.000	1133971	14.161	-0.002	1077289	37.5496	36.9674	1.6	Decachlorobiphenyl A B

' Indicates RPD > 40%
\ Indicates Peak Area was used for Column 1 quantitation instead of Height
3 Indicates Peak Area was used for Column 2 quantitation instead of Height
1 Indicates Column 1 peak was manually integrated
2 Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	97.2	92.2	92.2~	150- 0
Decachlorobiphenyl	93.9	92.4	92.4~	150- 0

~ Indicates recovery outside QC Limits

PB06:00722

INTERNAL STANDARD SUMMARY

Column 1

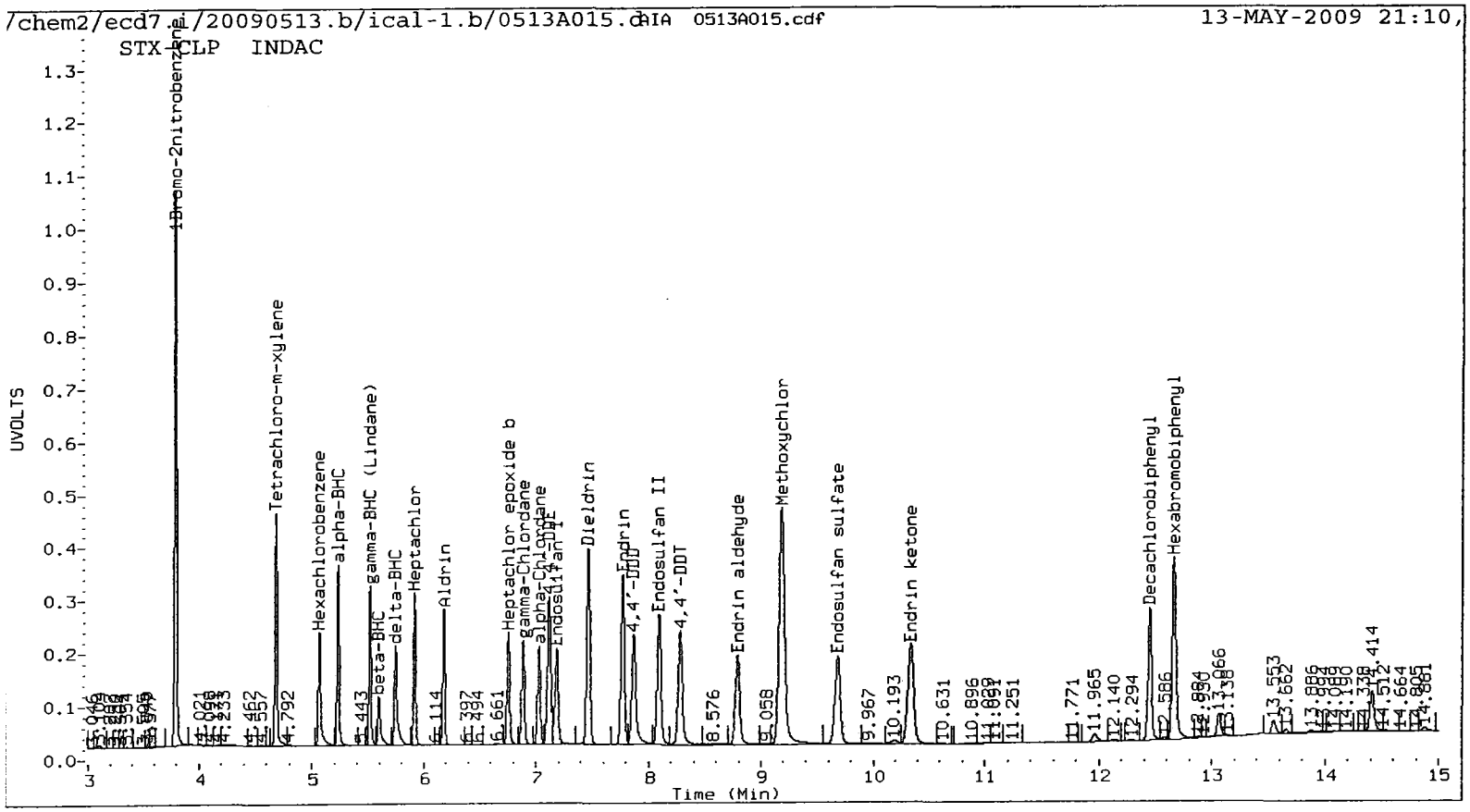
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2689543	-6.6
Hexabromobiphenyl	1666064	1665600	0.0

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3193166	0.0
Hexabromobiphenyl	1322411	1340104	1.3

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

	STX-CLP Col					CLP2 Col				
Aroclor	Peak#	RT	Shift	Height	Amount	Peak#	RT	Shift	Height	Amount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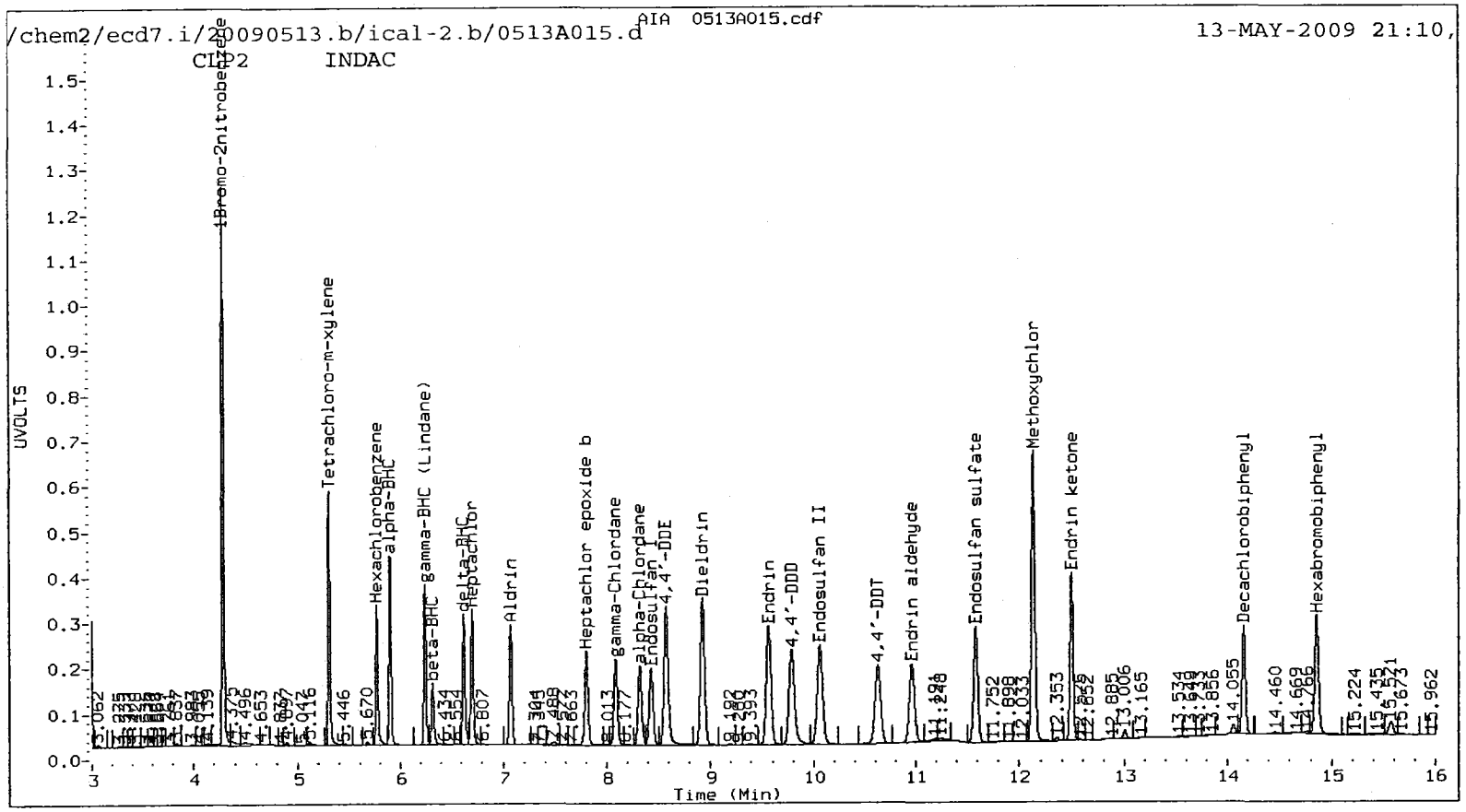
13-MAY-2009 21:10,
STX CLP INDAC
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
Dieldrin
4,4'-DDE
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Methoxychlor
Endosulfan sulfate
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl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13-MAY-2009 21:10,
CLP2 INDAC
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Endosulfan sulfate
Methoxychlor
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A016.d ARI ID: INDAA2
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A016.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 13-MAY-2009 21:31
Compound Sublist: INDA Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.795	-0.001	2742451	4.288	-0.001	3260324	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.234	0.000	48109	5.898	0.000	91633	1.1172	1.4928	28.8	alpha-BHC A B
5.603	0.004	26158	6.316	0.002	48081	1.3764	2.1555	44.1*	beta-BHC A B
5.753	0.005	44626	6.622	0.002	76679	1.2067	1.4497	18.3	delta-BHC A B
5.516	0.000	45768	6.241	0.000	79684	1.1856	1.4554	20.4	gamma-BHC (Lindane) A B
5.921	0.000	51360	6.702	0.000	84695	1.2528	1.5077	18.5	Heptachlor A B
6.185	0.000	44004	7.075	0.000	78673	1.1967	1.4878	21.7	Aldrin A B
6.762	0.001	65149	7.806	0.000	107382	1.5982	2.3945	39.9	Heptachlor epoxide b A B
7.187	0.001	53407	8.430	0.000	78528	1.3234	1.5885	18.2	Endosulfan I A B
7.471	0.001	87736	8.925	0.000	143302	2.4072	2.8711	17.6	Dieldrin A B
7.125	0.008	67529	8.578	0.005	136206	2.3269	2.8495	20.2	4,4'-DDE A B
7.774	0.001	81720	9.566	0.000	131753	2.4507	2.8983	16.7	Endrin A B
8.099	0.003	75658	10.062	0.002	128089	2.5061	2.9511	16.3	Endosulfan II A B
7.877	0.008	72326	9.791	0.006	122670	2.3895	2.9181	19.9	4,4'-DDD A B
9.686	0.003	78685	11.583	0.000	112660	2.6676	2.9158	8.9	Endosulfan sulfate A B
8.291	0.007	71128	10.625	0.002	97090	2.4375	2.6587	8.7	4,4'-DDT A B
9.189	0.007	220818	12.131	-0.001	243927	13.4051	14.9539	10.9	Methoxychlor A B
10.345	0.004	104110	12.495	-0.001	128548	2.8080	2.9747	5.8	Endrin ketone A B
8.795	0.003	67758	10.966	0.003	102832	2.6645	3.0379	13.1	Endrin aldehyde A BN
6.890	0.001	50571	8.088	0.001	73910	1.3850	1.4631	5.5	gamma-Chlordane A B
7.031	0.001	45311	8.321	0.001	77695	1.3193	1.5658	17.1	alpha-Chlordane A B
2.462	-0.001	76912	2.984	-0.002	110085	1.3526	1.5128	11.2	Hexachlorobutadiene A B
5.071	0.001	51782	5.766	0.000	86410	1.3968	1.6720	17.9	Hexachlorobenzene A B
12.665	-0.002	1669980	14.858	-0.001	1341551	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.686	0.000	78455	5.305	-0.001	122587	2.5158	2.9870	17.1	Tetrachloro-m-xylene A B
12.451	0.000	88326	14.160	-0.003	93509	2.9171	3.2053	9.4	Decachlorobiphenyl A B

* Indicates RPD > 40%
\ Indicates Peak Area was used for Column 1 quantitation instead of Height
3 Indicates Peak Area was used for Column 2 quantitation instead of Height
1 Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	6.3	7.5	6.3~	150- 0
Decachlorobiphenyl	7.3	8.0	7.3~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

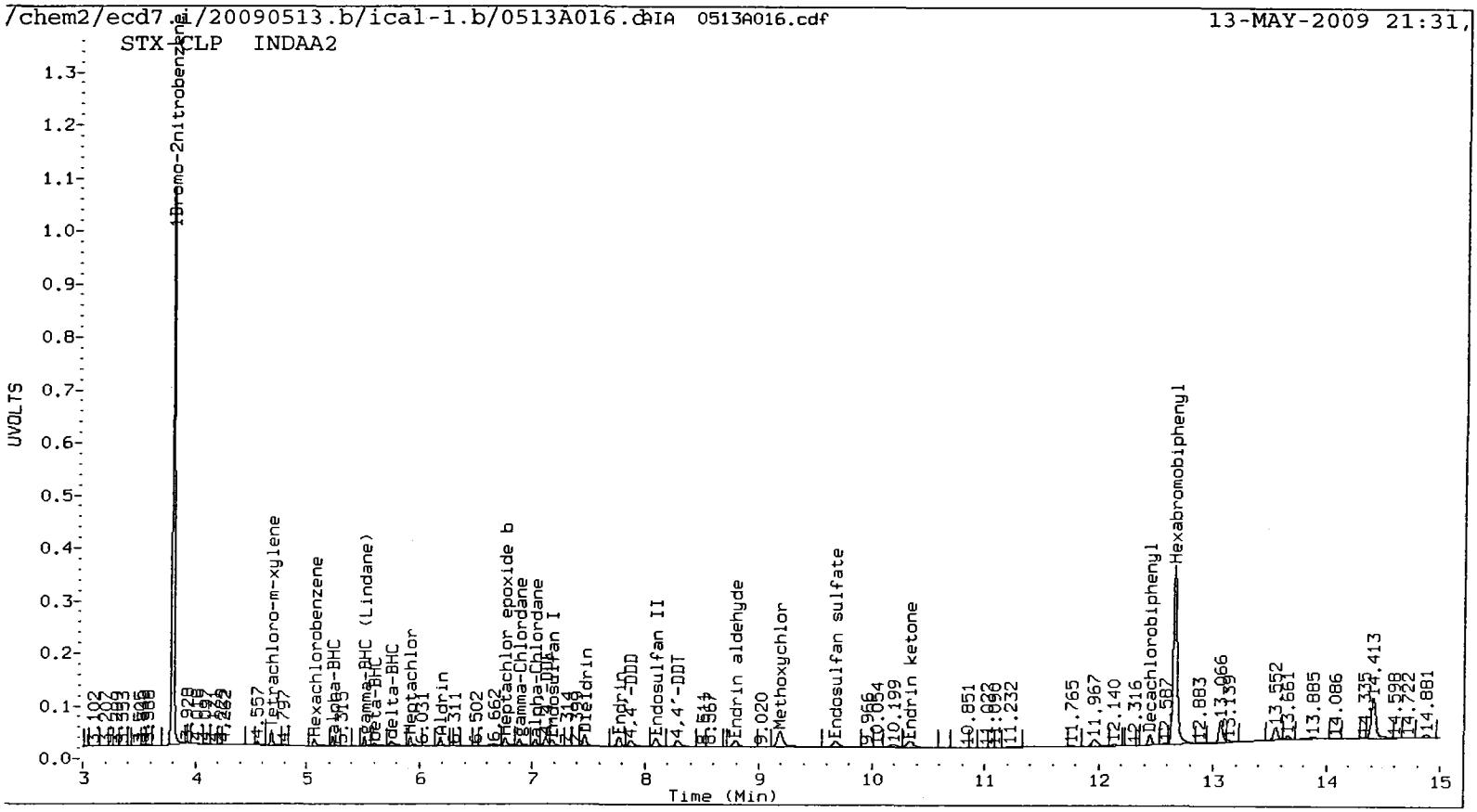
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2742451	-4.8
Hexabromobiphenyl	1666064	1669980	0.2

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3260324	2.1
Hexabromobiphenyl	1322411	1341551	1.4

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	STX-CLP Col Peak#	RT	Shift	Height	Amount	CLP2 Col Peak#	RT	Shift	Height	Amount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13-MAY-2009 21:31,
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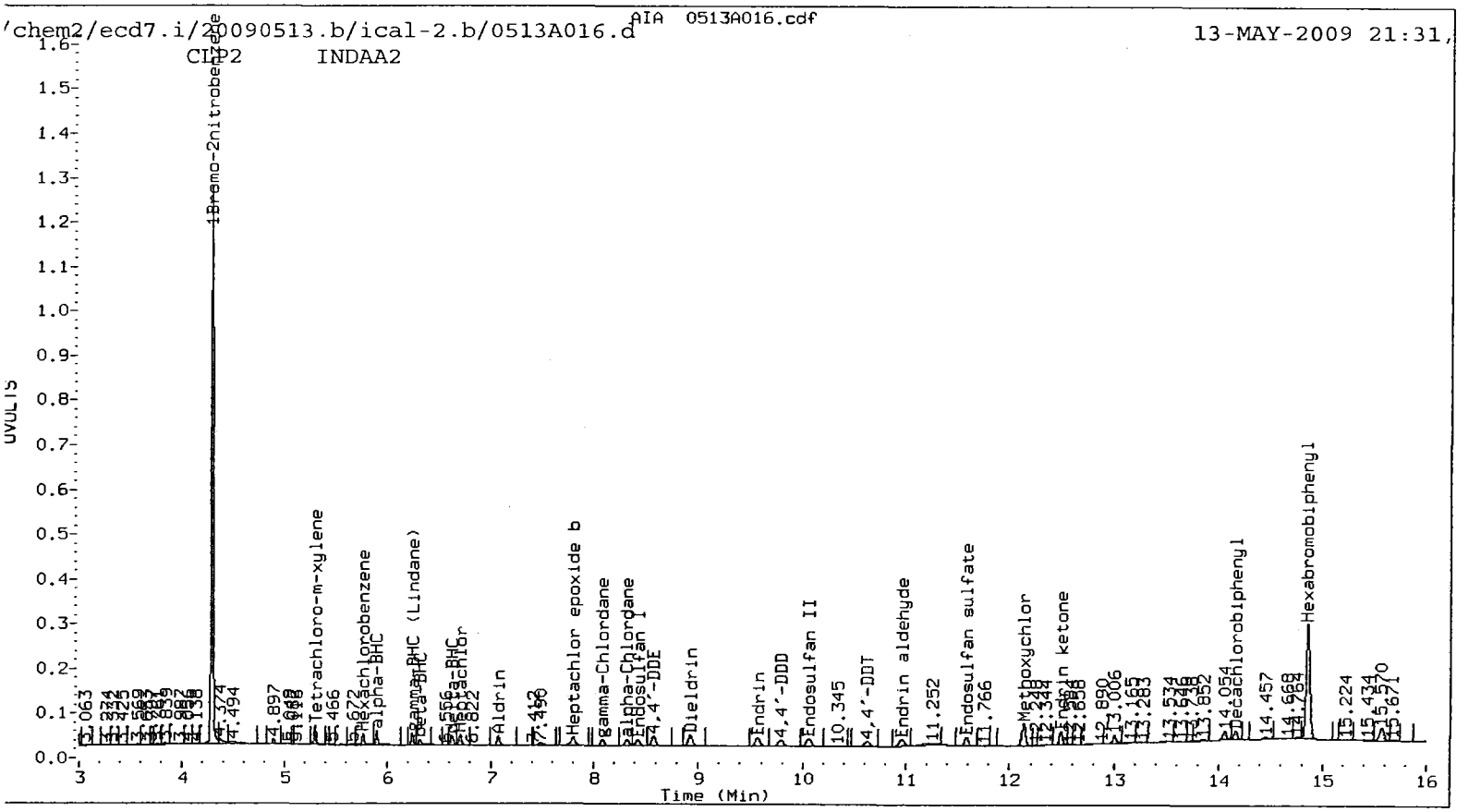
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
Dieldrin
4,4'-DDE
Endrin
Endosulfan II
4,4'-DDT
Endrin aldehyde
Methoxychlor
Endosulfan sulfate
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl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CLP2 INDAA2
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Endosulfan sulfate
Methoxychlor
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A017.d ARI ID: INDAA1
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A017.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 13-MAY-2009 21:51
Compound Sublist: INDA Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.795	-0.001	2630780	4.288	-0.001	3141085	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.233	-0.001	92841	5.897	-0.001	152035	2.2474	2.5709	13.4	alpha-BHC A B
5.602	0.003	46193	6.314	0.000	74769	2.5338	3.4792	31.4	beta-BHC A B
5.751	0.003	80123	6.620	0.000	130795	2.2585	2.5667	12.8	delta-BHC A B
5.515	-0.001	84098	6.240	-0.001	138030	2.2710	2.6167	14.1	gamma-BHC (Lindane) A B
5.920	-0.001	92109	6.701	-0.002	145633	2.3422	2.6909	13.9	Heptachlor A B
6.183	-0.001	80563	7.074	-0.002	135235	2.2839	2.6546	15.0	Aldrin A B
6.760	-0.001	102858	7.804	-0.002	173949	2.6304	4.0261	41.9*	Heptachlor epoxide b A B
7.185	-0.001	96316	8.429	-0.001	131100	2.4879	2.7526	10.1	Endosulfan I A B
7.469	-0.001	158523	8.923	-0.001	254343	4.5339	5.2893	15.4	Dieldrin A B
7.124	0.007	120996	8.576	0.004	241047	4.3462	5.2342	18.5	4,4'-DDE A B
7.773	-0.001	148642	9.565	-0.001	235453	4.6056	5.3643	15.2	Endrin A B
8.097	0.001	140810	10.060	0.000	227653	4.8191	5.4322	12.0	Endosulfan II A B
7.876	0.007	129764	9.790	0.005	217980	4.4294	5.3704	19.2	4,4'-DDD A B
9.683	0.001	141230	11.583	0.000	201687	4.9469	5.4063	8.9	Endosulfan sulfate A B
8.289	0.005	129527	10.626	0.003	174737	4.5862	4.9558	7.7	4,4'-DDT A B
9.187	0.006	398001	12.132	0.000	427596	24.9632	27.1493	8.4	Methoxychlor A B
10.344	0.003	181303	12.495	-0.001	225586	5.0522	5.4066	6.8	Endrin ketone A B
8.793	0.001	122790	10.963	0.001	170606	4.9889	5.2200	4.5	Endrin aldehyde A B
6.888	0.000	85073	8.086	-0.001	132761	2.4288	2.7279	11.6	gamma-Chlordane A B
7.029	-0.001	81147	8.319	-0.001	130793	2.4630	2.7359	10.5	alpha-Chlordane A B
2.463	0.000	134863	2.984	-0.002	192132	2.4724	2.7405	10.3	Hexachlorobutadiene A B
5.070	0.000	92471	5.765	-0.001	139898	2.6002	2.8097	7.7	Hexachlorobenzene A B
12.666	0.000	1616334	14.861	0.002	1295321	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.685	-0.001	147369	5.304	-0.001	213971	4.9263	5.4115	9.4	Tetrachloro-m-xylene A B
12.451	0.000	151953	14.163	0.000	145551	5.1850	5.1673	0.3	Decachlorobiphenyl A B

* Indicates RPD > 40%
\ Indicates Peak Area was used for Column 1 quantitation instead of Height
} Indicates Peak Area was used for Column 2 quantitation instead of Height
1 Indicates Column 1 peak was manually integrated
I Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	12.3	13.5	12.3~	150- 0
Decachlorobiphenyl	13.0	12.9	12.9~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

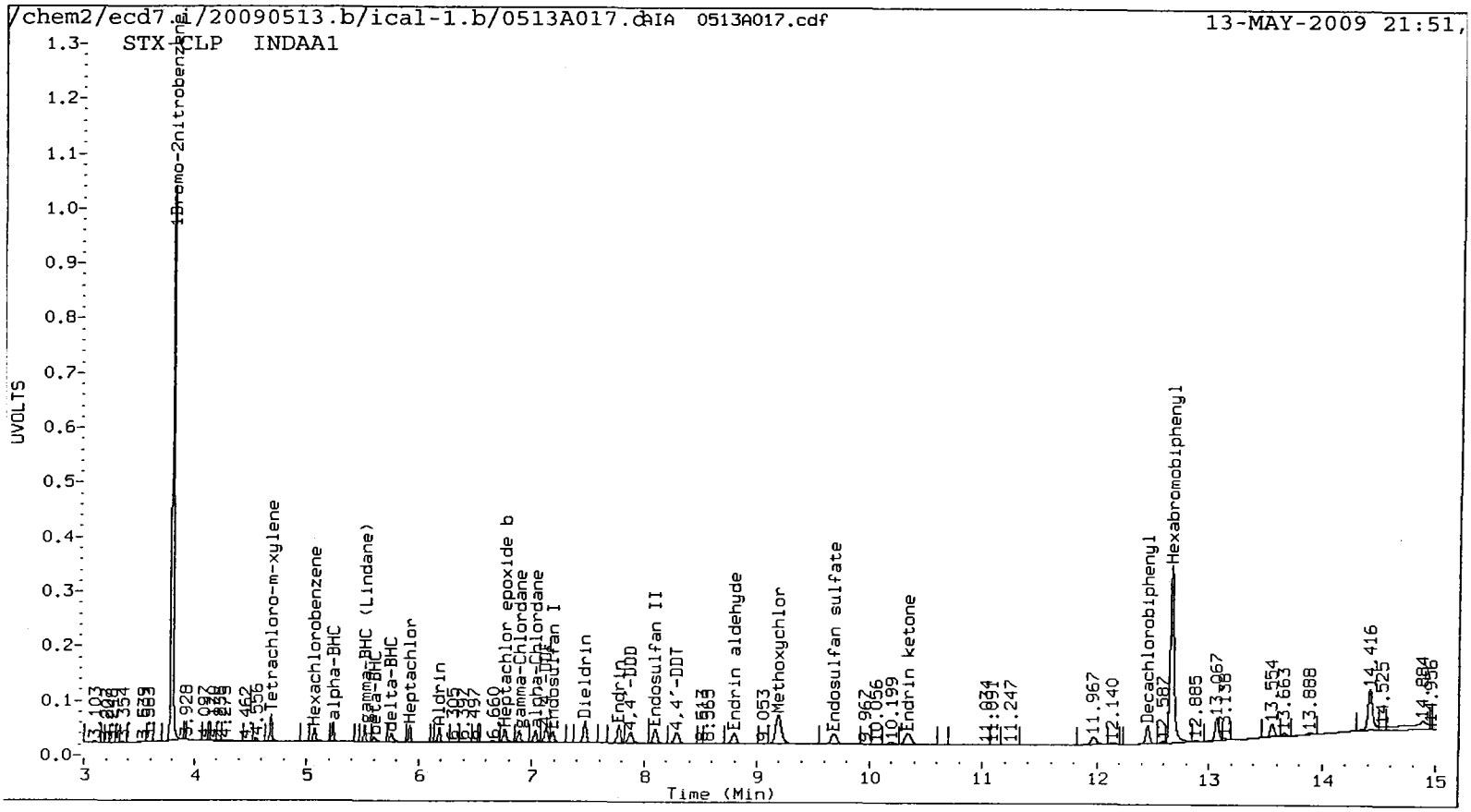
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2630780	-8.7
Hexabromobiphenyl	1666064	1616334	-3.0

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3141085	-1.6
Hexabromobiphenyl	1322411	1295321	-2.0

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	STX-CLP Col Peak#	RT	Shift	Height	Amount	CLP2 Col Peak#	RT	Shift	Height	Amount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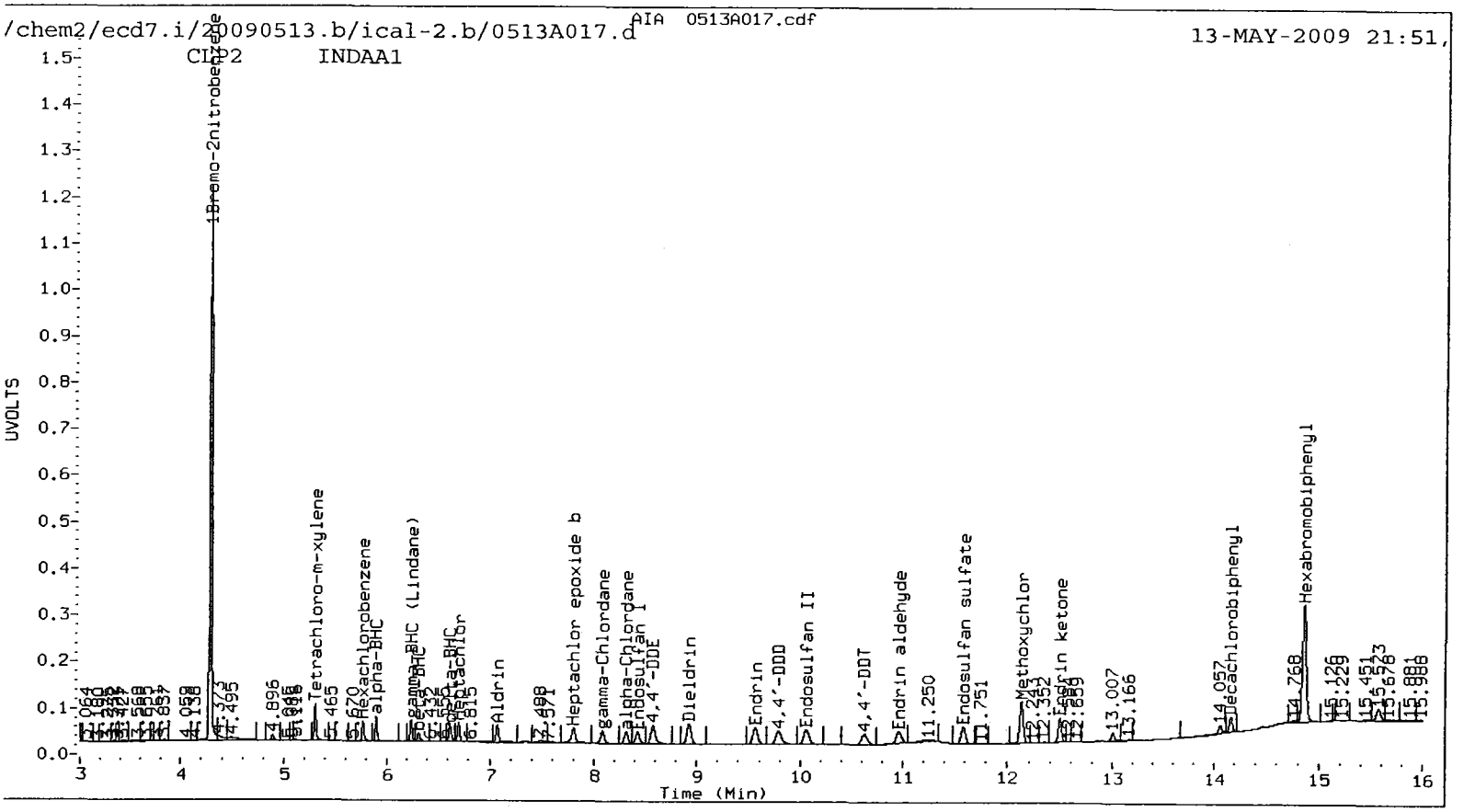
13-MAY-2009 21:51,
STX CLP INDAA1
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Methoxychlor
Endosulfan sulfate
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl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CLP2 INDAA1
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Endosulfan sulfate
Methoxychlor
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A018.d ARI ID: INDAA
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A018.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 13-MAY-2009 22:12
Compound Sublist: INDA Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.795	0.000	2748937	4.288	0.000	3240643	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.234	0.000	206491	5.899	0.000	319654	4.7838	5.2392	9.1	alpha-BHC A B
5.600	0.002	101627	6.315	0.001	144577	5.3349	6.5209	20.0	beta-BHC A B
5.750	0.002	181346	6.621	0.001	269412	4.8920	5.1245	4.6	delta-BHC A B
5.516	0.000	188238	6.242	0.000	281778	4.8648	5.1778	6.2	gamma-BHC (Lindane) A B
5.921	0.000	206779	6.702	0.000	292200	5.0320	5.2332	3.9	Heptachlor A B
6.184	0.000	180125	7.075	0.000	275017	4.8869	5.2325	6.8	Aldrin A B
6.761	0.001	220670	7.805	-0.001	349016	5.4007	7.8298	36.7	Heptachlor epoxide b A B
7.186	0.000	199046	8.429	0.000	254567	4.9206	5.1807	5.2	Endosulfan I A B
7.470	0.000	351185	8.924	-0.001	518185	9.6125	10.4450	8.3	Dieldrin A B
7.121	0.004	274135	8.576	0.003	496491	9.4237	10.4498	10.3	4,4'-DDE A B
7.773	0.000	323963	9.564	-0.001	484704	9.6923	10.6508	9.4	Endrin A B
8.097	0.001	294342	10.060	0.000	460077	9.7268	10.5883	8.5	Endosulfan II A B
7.873	0.004	281737	9.788	0.003	446096	9.2858	10.6001	13.2	4,4'-DDD A B
9.682	0.000	297897	11.582	-0.001	409108	10.0754	10.5768	4.9	Endosulfan sulfate A B
8.286	0.002	285102	10.624	0.001	373423	9.7472	10.2147	4.7	4,4'-DDT A B
9.183	0.002	841271	12.131	-0.001	865973	50.9494	53.0306	4.0	Methoxychlor A B
10.341	0.000	367089	12.495	-0.001	454484	9.8773	10.5057	6.2	Endrin ketone A B
8.792	0.000	253166	10.961	-0.001	353045	9.9318	10.4184	4.8	Endrin aldehyde A B
6.888	0.000	183269	8.087	0.000	264545	5.0073	5.2688	5.1	gamma-Chlordane A B
7.030	0.000	169535	8.320	0.000	256684	4.9246	5.2043	5.5	alpha-Chlordane A B
2.463	-0.001	283970	2.984	-0.001	390121	4.9822	5.3936	7.9	Hexachlorobutadiene A B
5.070	0.000	190689	5.766	0.000	274231	5.1316	5.3384	3.9	Hexachlorobenzene A B
12.663	-0.003	1673956	14.859	0.000	1343015	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.686	0.000	314371	5.305	0.000	437920	10.0573	10.7352	6.5	Tetrachloro-m-xylene A B
12.451	0.000	312779	14.161	-0.002	300251	10.3055	10.2808	0.2	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	25.1	26.8	25.1~	150- 0
Decachlorobiphenyl	25.8	25.7	25.7~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

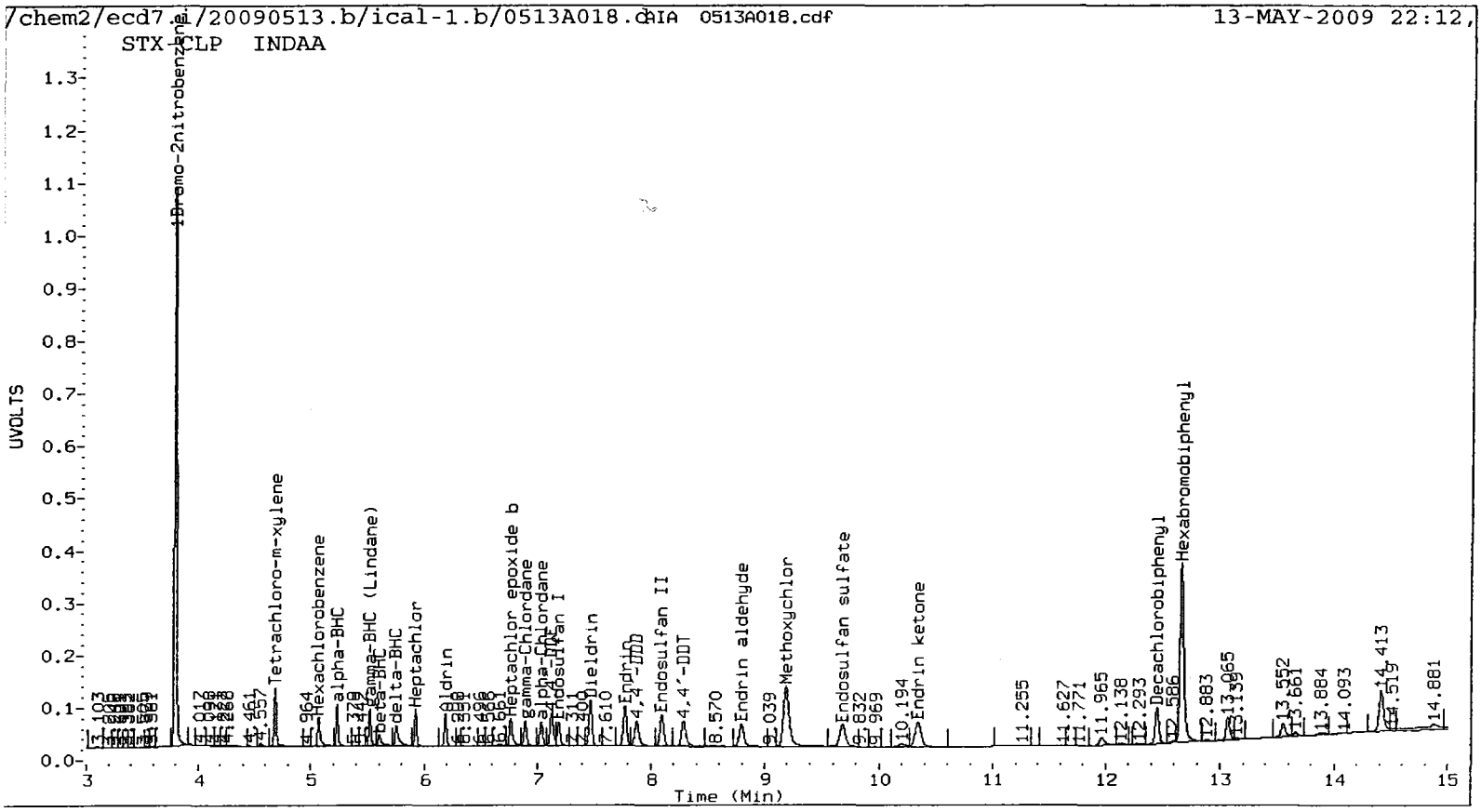
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2748937	-4.6
Hexabromobiphenyl	1666064	1673956	0.5

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3240643	1.5
Hexabromobiphenyl	1322411	1343015	1.6

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	STX-CLP Col Peak#	RT	Shift	Height	Amount	CLP2 Col Peak#	RT	Shift	Height	Amount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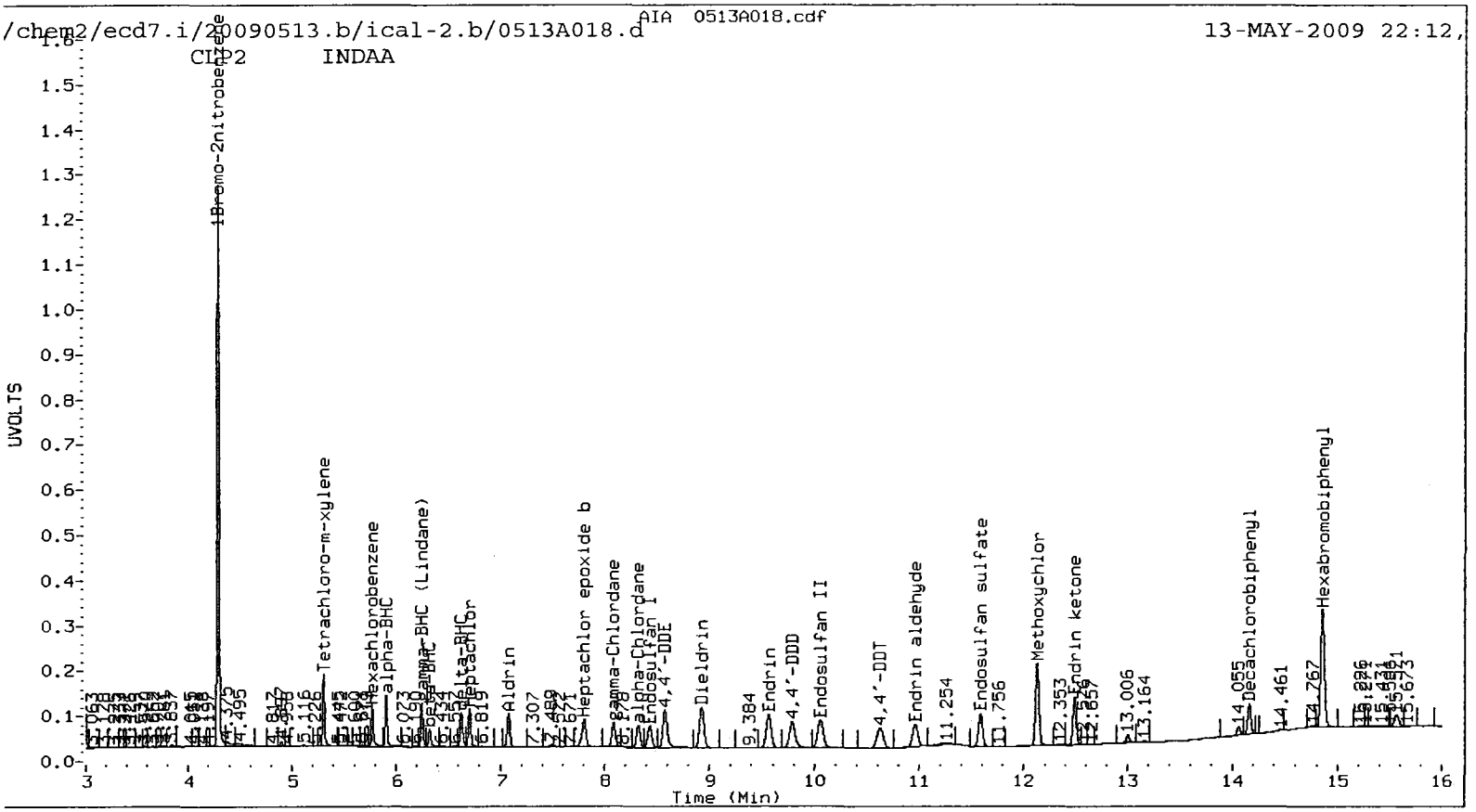
13-MAY-2009 22:12,
STX-CLP INDAA
UVOLTS
Time (Min)
4Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
Dieldrin
4,4'-DDE
Endrin
Endosulfan II
4,4'-DDT
Endrin aldehyde
Methoxychlor
Endosulfan sulfate
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl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CLP2 INDAA
UVOLTS
Time (Min)
4Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Endosulfan sulfate
Methoxychlor
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A019.d ARI ID: INDAB
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A019.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 13-MAY-2009 22:33
Compound Sublist: INDA Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.796	0.000	2883771	4.289	0.000	3392836	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.235	0.000	459482	5.898	0.000	637259	10.1471	9.9762	1.7	alpha-BHC A B
5.599	0.001	198838	6.314	0.001	271659	9.9500	11.7030	16.2	beta-BHC A B
5.749	0.001	379147	6.620	0.000	545374	9.7496	9.9082	1.6	delta-BHC A B
5.516	0.000	404993	6.241	-0.001	568963	9.9771	9.9859	0.1	gamma-BHC (Lindane) A B
5.920	0.000	426393	6.701	-0.001	581253	9.8912	9.9430	0.5	Heptachlor A B
6.184	0.000	383780	7.074	-0.001	546724	9.9254	9.9355	0.1	Aldrin A B
6.761	0.000	385151	7.805	-0.001	555365	8.9855	11.9002	27.9	Heptachlor epoxide b A B
7.185	-0.001	428399	8.429	-0.001	503994	10.0952	9.7967	3.0	Endosulfan I A B
7.470	-0.001	773695	8.924	-0.001	1056574	20.1872	20.3419	0.8	Dieldrin A B
7.119	0.002	594087	8.574	0.002	1013431	19.4675	20.3733	4.5	4,4'-DDE A B
7.773	-0.001	702841	9.565	-0.001	964430	19.9903	20.1145	0.6	Endrin A B
8.095	0.000	636633	10.061	0.001	916500	20.0003	20.0200	0.1	Endosulfan II A B
7.872	0.003	598963	9.788	0.003	888154	18.7673	20.0312	6.5	4,4'-DDD A B
9.681	-0.001	606520	11.583	0.000	819996	19.5016	20.1216	3.1	Endosulfan sulfate A B
8.285	0.001	601655	10.624	0.001	775141	19.5549	20.1251	2.9	4,4'-DDT A B
9.182	0.001	1753888	12.132	0.000	1726398	100.9796	100.3454	0.6	Methoxychlor A B
10.341	0.000	766577	12.496	0.000	913857	19.6088	20.0502	2.2	Endrin ketone A B
8.791	-0.001	529439	10.962	0.000	715063	19.7456	20.0285	1.4	Endrin aldehyde A B
6.888	-0.001	366113	8.086	-0.001	522198	9.5353	9.9338	4.1	gamma-Chlordane A B
7.029	0.000	350859	8.319	0.000	506953	9.7152	9.8176	1.0	alpha-Chlordane A B
2.464	0.000	592828	2.985	-0.001	757539	9.9148	10.0036	0.9	Hexachlorobutadiene A B
5.070	0.000	385913	5.766	0.000	518309	9.8997	9.6372	2.7	Hexachlorobenzene A B
12.665	-0.001	1760821	14.861	0.002	1414967	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.686	0.000	663867	5.305	0.000	856316	20.2452	20.0501	1.0	Tetrachloro-m-xylene A B
12.451	0.000	635356	14.163	0.000	606947	19.9011	19.7256	0.9	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	50.6	50.1	50.1~	150- 0
Decachlorobiphenyl	49.8	49.3	49.3~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

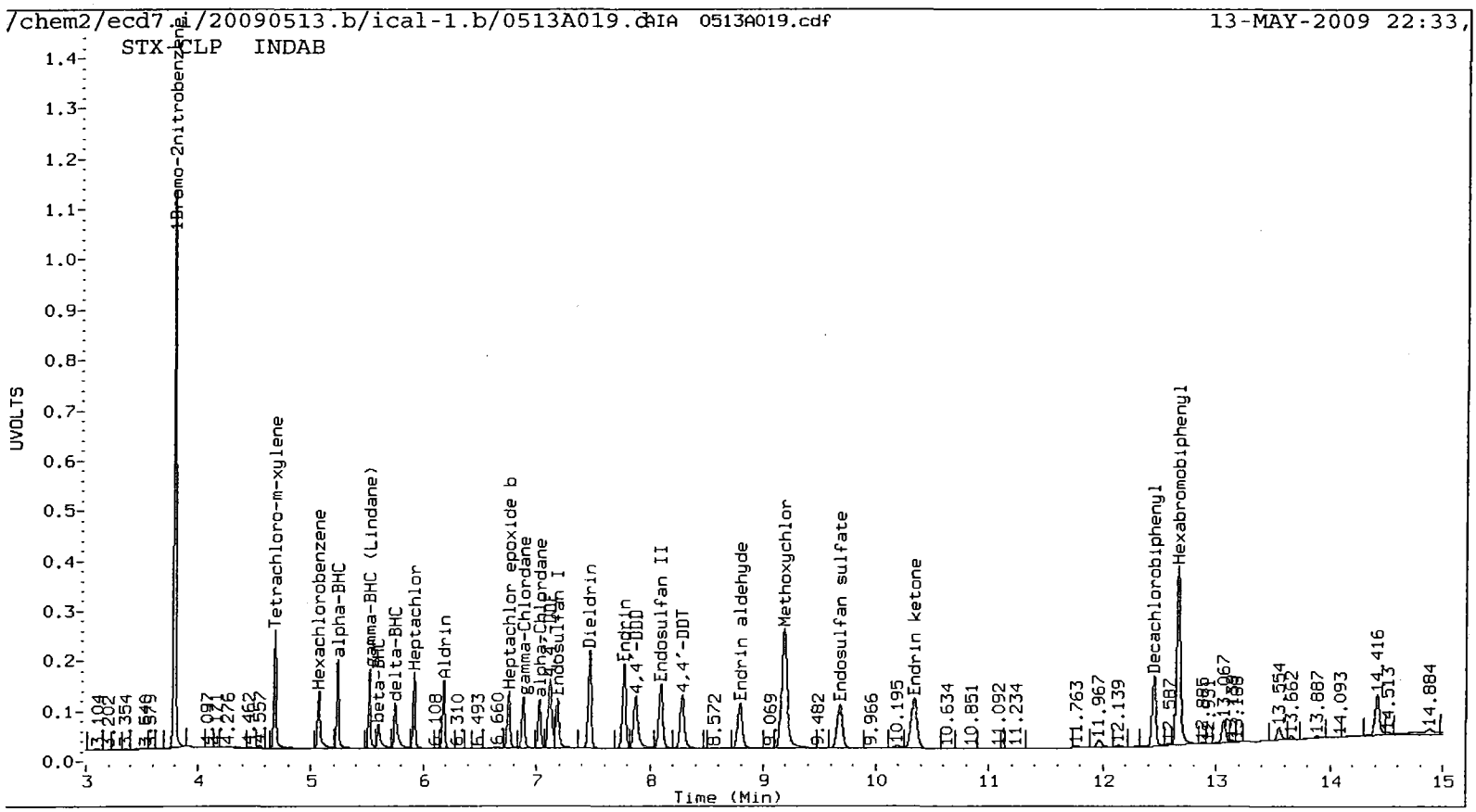
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2883771	0.1
Hexabromobiphenyl	1666064	1760821	5.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3392836	6.3
Hexabromobiphenyl	1322411	1414967	7.0

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

	STX-CLP Col					CLP2 Col				
Aroclor	Peak#	RT	Shift	Height	Amount	Peak#	RT	Shift	Height	Amount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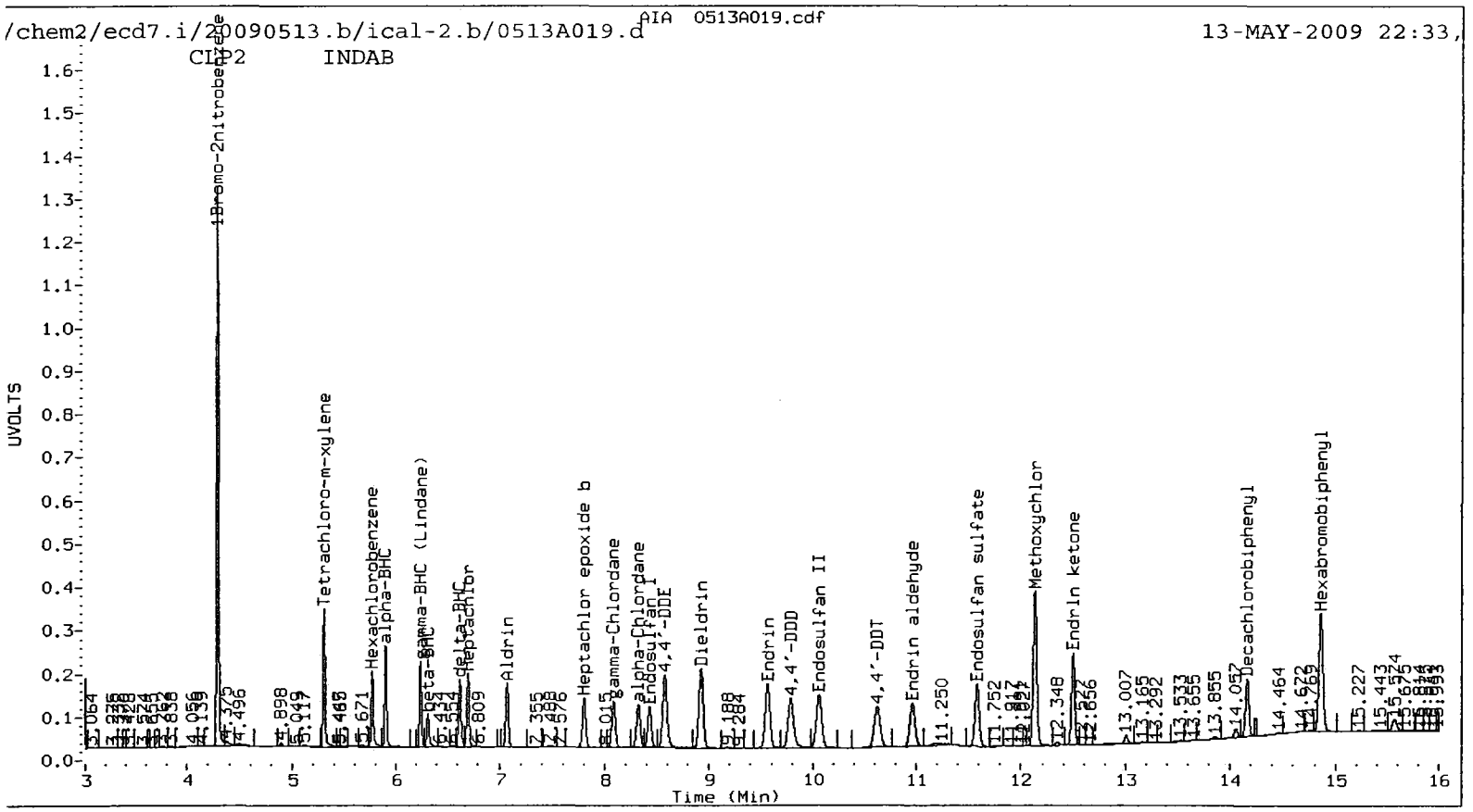
STX-CLP INDAB
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Methoxychlor
Endosulfan sulfate
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl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CLP2 INDAB
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Endosulfan sulfate
Methoxychlor
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A020.d ARI ID: INDAD
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A020.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 13-MAY-2009 22:53
Compound Sublist: INDA Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.796	0.000	2909192	4.289	0.000	3418992	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.235	0.001	1946854	5.899	0.001	2321519	42.6180	36.0652	16.7	alpha-BHC A B
5.599	0.000	746873	6.315	0.001	938414	37.0476	40.1174	8.0	beta-BHC A B
5.747	0.000	1635247	6.621	0.001	2043969	41.6822	36.8503	12.3	delta-BHC A B
5.517	0.001	1704548	6.242	0.001	2082246	41.6251	36.2662	13.8	gamma-BHC (Lindane) A B
5.922	0.001	1755219	6.703	0.001	2081049	40.3608	35.3265	13.3	Heptachlor A B
6.186	0.001	1622836	7.076	0.001	1979034	41.6033	35.6895	15.3	Aldrin A B
6.762	0.001	1519756	7.807	0.001	1887505	35.1459	40.1355	13.3	Heptachlor epoxide b A B
7.187	0.000	1679442	8.431	0.001	1782591	39.2300	34.3853	13.2	Endosulfan I A B
7.471	0.001	3218566	8.926	0.001	3768470	83.2447	71.9982	14.5	Dieldrin A B
7.116	-0.001	2641316	8.575	0.002	3635848	85.7962	72.5332	16.8	4,4'-DDE A B
7.774	0.001	2952526	9.567	0.001	3461984	83.0234	71.6923	14.6	Endrin A B
8.096	0.000	2619238	10.062	0.002	3282049	81.3517	71.1846	13.3	Endosulfan II A B
7.868	-0.001	2516782	9.787	0.002	3204470	77.9638	71.7601	8.3	4,4'-DDD A B
9.682	0.000	2456367	11.582	0.000	2931518	78.0843	71.4254	8.9	Endosulfan sulfate A B
8.283	-0.001	2585566	10.624	0.002	3008839	83.0824	77.5651	6.9	4,4'-DDT A B
9.181	-0.001	6808064	12.131	-0.001	6070083	387.5254	350.3164	10.1	Methoxychlor A B
10.341	0.000	3034576	12.495	-0.001	3268218	76.7427	71.1967	7.5	Endrin ketone A B
8.792	0.000	2120610	10.963	0.001	2570382	78.1914	71.4845	9.0	Endrin aldehyde A B
6.889	0.001	1505570	8.088	0.001	1878099	38.8693	35.4539	9.2	gamma-Chlordane A B
7.031	0.001	1438295	8.321	0.001	1798998	39.4779	34.5725	13.2	alpha-Chlordane A B
2.464	0.000	2326948	2.985	-0.001	2621396	38.5773	34.3516	11.6	Hexachlorobutadiene A B
5.070	0.000	1452293	5.767	0.001	1786789	36.9296	32.9684	11.3	Hexachlorobenzene A B
12.664	-0.002	1781027	14.858	0.000	1425073	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.687	0.001	2618074	5.306	0.000	2999805	79.1429	69.7013	12.7	Tetrachloro-m-xylene A B
12.451	0.000	2351685	14.161	-0.002	2176869	72.8254	70.2457	3.6	Decachlorobiphenyl A B

' Indicates RPD > 40%
\ Indicates Peak Area was used for Column 1 quantitation instead of Height
} Indicates Peak Area was used for Column 2 quantitation instead of Height
{ Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	197.9	174.3	174.3~	150- 0
Decachlorobiphenyl	182.1	175.6	175.6~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

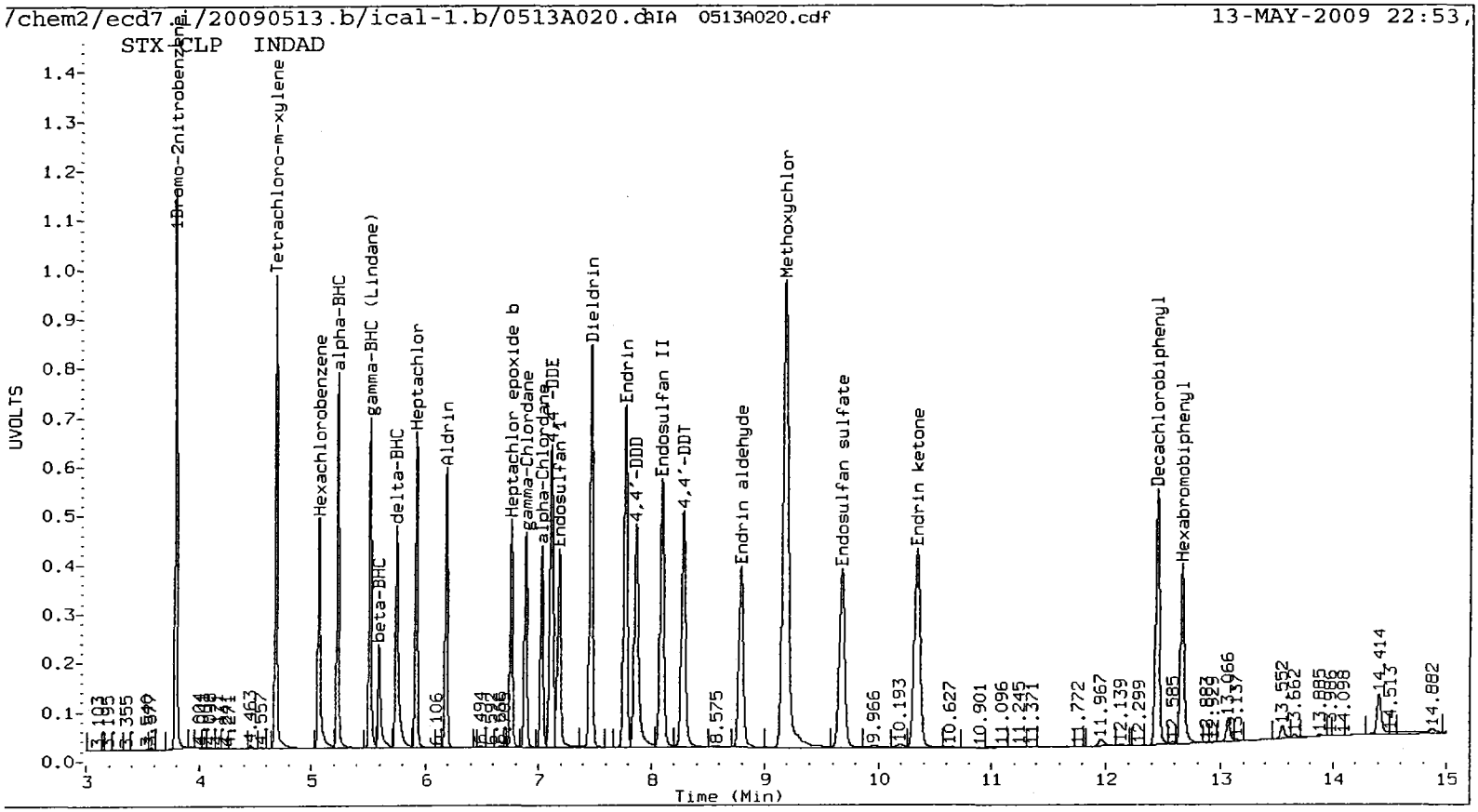
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2909192	1.0
Hexabromobiphenyl	1666064	1781027	6.9

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3418992	7.1
Hexabromobiphenyl	1322411	1425073	7.8

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	STX-CLP Col Peak#	RT	Shift	Height	Amount	CLP2 Col Peak#	RT	Shift	Height	Amount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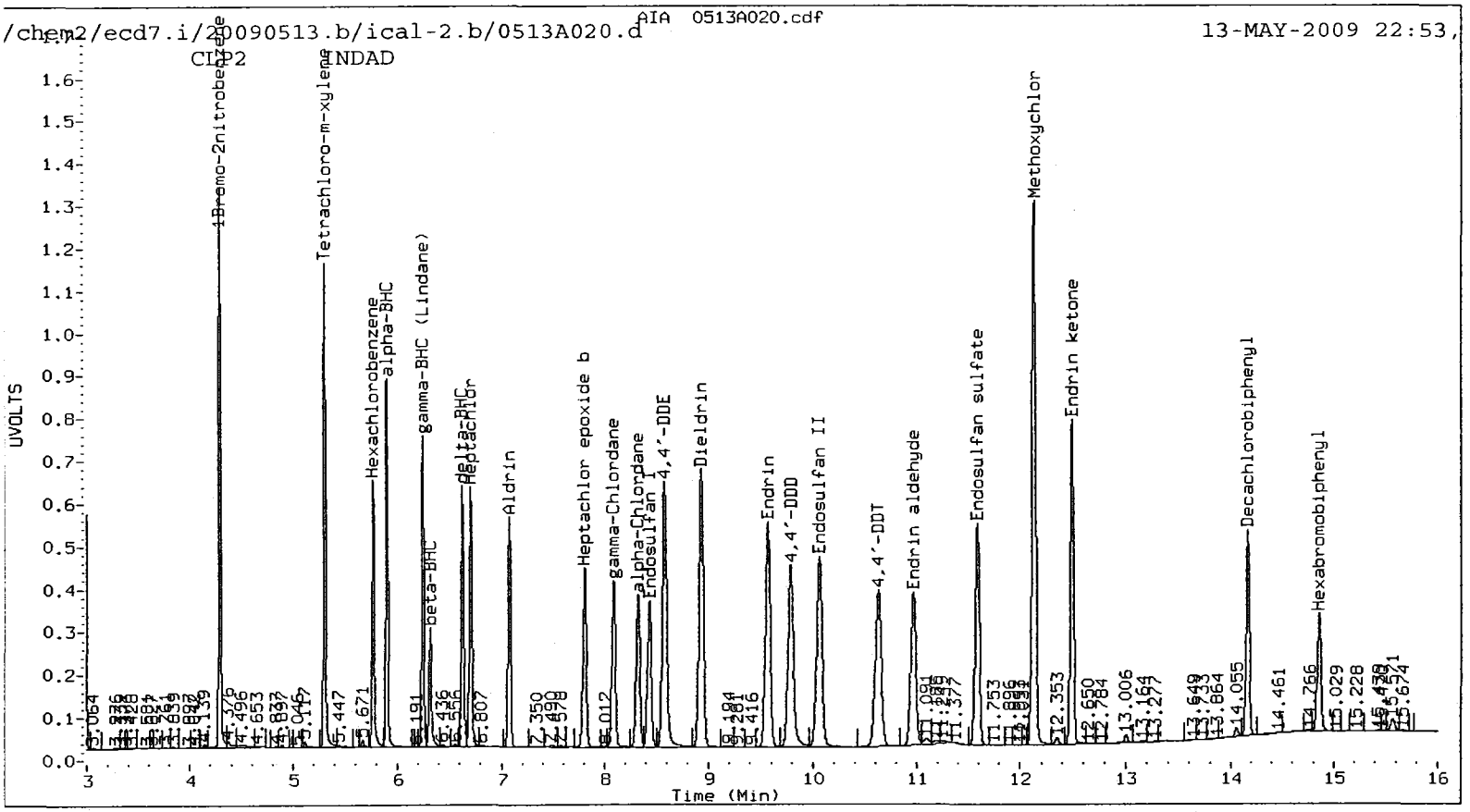
STX CLP INDAD
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Methoxychlor
Endosulfan sulfate
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl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CLP2 INDAD
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Endosulfan sulfate
Methoxychlor
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A021.d ARI ID: INDAE
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A021.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 13-MAY-2009 23:14
Compound Sublist: INDA Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.796	0.000	2993092	4.289	0.000	3491308	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.235	0.001	4320961	5.899	0.000	4743721	91.9375	72.1681	24.1	alpha-BHC A B
5.597	-0.002	1595548	6.314	0.000	1891161	76.9264	79.1730	2.9	beta-BHC A B
5.745	-0.002	3694997	6.620	0.000	4231431	91.5447	74.7074	20.3	delta-BHC A B
5.516	0.000	3784974	6.242	0.000	4261366	89.8382	72.6822	21.1	gamma-BHC (Lindane) A B
5.921	0.000	3843434	6.702	0.000	4185524	85.9014	69.5789	21.0	Heptachlor A B
6.185	0.000	3571950	7.075	0.000	4006939	89.0043	70.7635	22.8	Aldrin A B
6.761	0.000	3292387	7.805	0.000	3781138	74.0055	78.7360	6.2	Heptachlor epoxide b A B
7.186	-0.001	3539778	8.429	0.000	3589712	80.3677	67.8095	17.0	Endosulfan I A B
7.470	0.000	6970979	8.925	0.000	7566437	175.2428	141.5657	21.3	Dieldrin A B
7.112	-0.006	5982543	8.573	0.000	7316889	188.8799	142.9446	27.7	4,4'-DDE A B
7.773	0.000	6431351	9.566	0.000	6958436	173.6456	138.3663	22.6	Endrin A B
8.094	-0.002	5671671	10.060	0.000	6577571	169.1443	136.9864	21.0	Endosulfan II A B
7.864	-0.006	5547620	9.785	0.000	6467520	165.0095	139.0708	17.1	4,4'-DDD A B
9.680	-0.002	5340578	11.583	0.000	5915488	163.0097	138.3953	16.3	Endosulfan sulfate A B
8.280	-0.004	5790209	10.623	0.000	6313157	178.6499	156.2733	13.4	4,4'-DDT A B
9.178	-0.004	14077825	12.132	0.000	12315265	769.4263	682.4654	12.0	Methoxychlor A B
10.339	-0.002	6501543	12.496	0.000	6628979	157.8739	138.6648	13.0	Endrin ketone A B
8.790	-0.002	4604231	10.962	0.000	5260478	163.0085	140.4787	14.8	Endrin aldehyde A B
6.888	-0.001	3321448	8.087	0.000	3814758	83.3461	70.5216	16.7	gamma-Chlordane A B
7.029	-0.001	3157999	8.320	0.000	3642270	84.2502	68.5461	20.6	alpha-Chlordane A B
2.464	0.001	5000624	2.986	0.000	5252444	80.5790	67.4040	17.8	Hexachlorobutadiene A B
5.070	0.000	3100952	5.766	0.000	3590309	76.6422	64.8734	16.6	Hexachlorobenzene A B
12.664	-0.002	1854879	14.861	0.002	1484110	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.686	0.000	5602804	5.306	0.000	6004551	164.6220	136.6276	18.6	Tetrachloro-m-xylene A
12.451	0.000	4958524	14.163	0.000	4481059	147.4386	138.8479	6.0	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	411.6	341.6	341.6~	150- 0
Decachlorobiphenyl	368.6	347.1	347.1~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

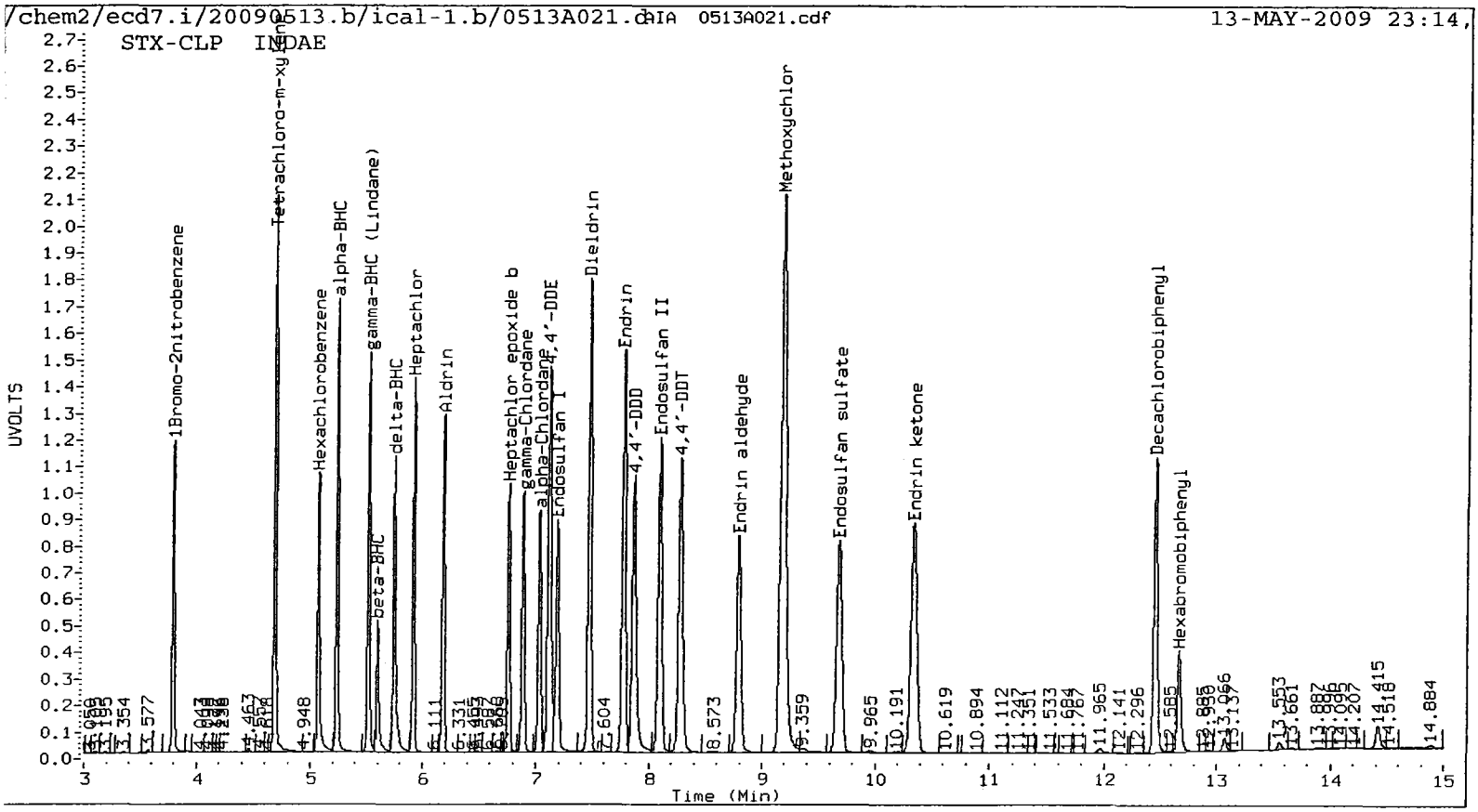
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2993092	3.9
Hexabromobiphenyl	1666064	1854879	11.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3491308	9.4
Hexabromobiphenyl	1322411	1484110	12.2

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	STX-CLP Col Peak#	RT	Shift	Height	Amount	CLP2 Col Peak#	RT	Shift	Height	Amount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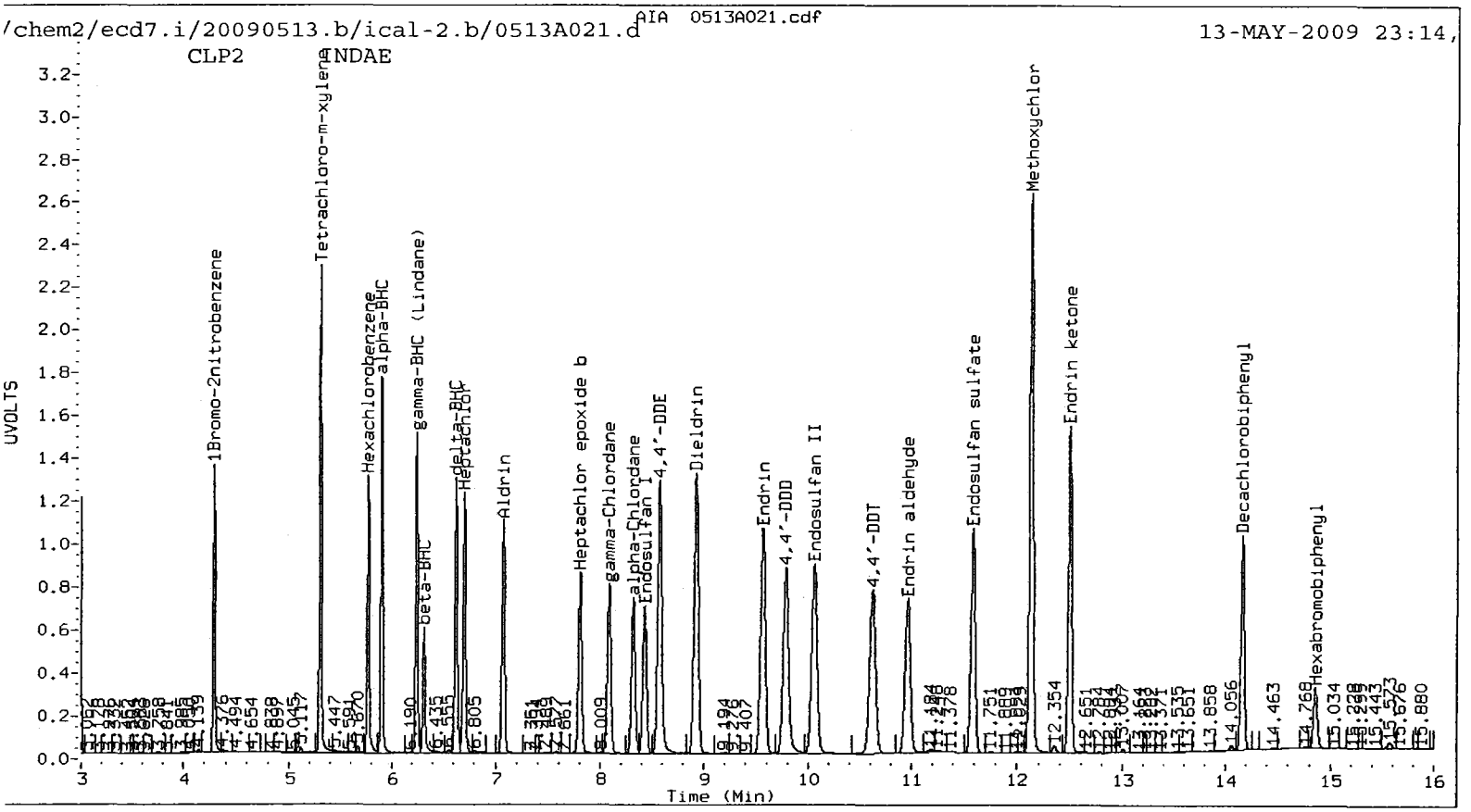
STX-CLP INDAE
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Methoxychlor
Endosulfan sulfate
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl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13-MAY-2009 23:14,
CLP2 INDAE
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Methoxychlor
Endosulfan sulfate
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A024.d ARI ID: WNDC
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A024.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 14-MAY-2009 00:16
Compound Sublist: WND Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
1.656	0.000	49695	2.145	0.000	2084373	20.2459	18.3912	9.6	Hexachloroethane B
3.796	0.000	3224356	4.289	0.000	3760551	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
6.658	0.000	1402032	7.676	0.000	1689803	35.8040	35.8731	0.2	Oxychlordane A B
6.750	0.000	1033451	8.061	0.001	1309141	34.7482	35.9240	3.3	2,4-DDE A B
7.010	0.000	1603066	8.229	0.000	1989104	36.2663	35.2313	2.9	trans-Nonachlor A B
7.316	0.000	995780	8.961	0.002	1275048	36.4597	34.0032	7.0	2,4-DDD A B
7.627	0.000	1084854	9.624	0.001	1332503	37.8003	35.7425	5.6	2,4-DDT A B
7.815	0.000	1785505	9.740	0.001	2236659	38.0456	35.5213	6.9	cis-Nonachlor A B
9.408	0.000	1212454	12.436	0.000	1320915	35.4647	42.7487	18.6	Mirex A B
12.664	-0.003	2040261	14.861	0.002	1634877	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.686	0.000	1493034	5.306	0.000	1803605	40.7220	38.1010	6.7	Tetrachloro-m-xylene A B
12.451	0.000	1429335	14.163	0.000	1348257	38.6387	37.9238	1.9	Decachlorobiphenyl A B

* Indicates RPD > 40%
\1 Indicates Peak Area was used for Column 1 quantitation instead of Height
\3 Indicates Peak Area was used for Column 2 quantitation instead of Height
\4 Indicates Column 1 peak was manually integrated
\J Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	101.8	95.3	95.3~	150- 0
Decachlorobiphenyl	96.6	94.8	94.8~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

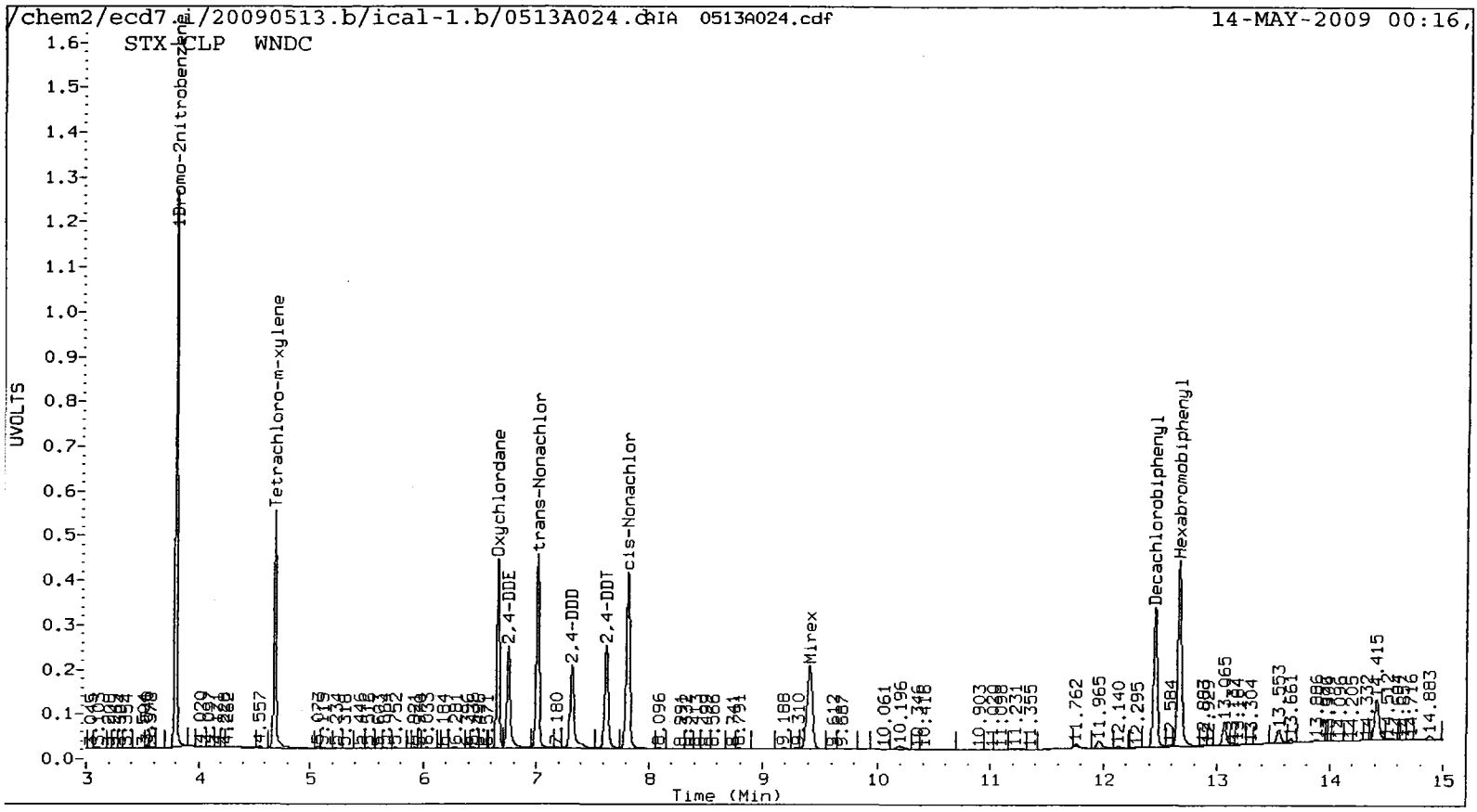
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	3224356	11.9
Hexabromobiphenyl	1666064	2040261	22.5

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3760551	17.8
Hexabromobiphenyl	1322411	1634877	23.6

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	STX-CLP Col Peak#	RT	Shift	Height	Amount	CLP2 Col Peak#	RT	Shift	Height	Amount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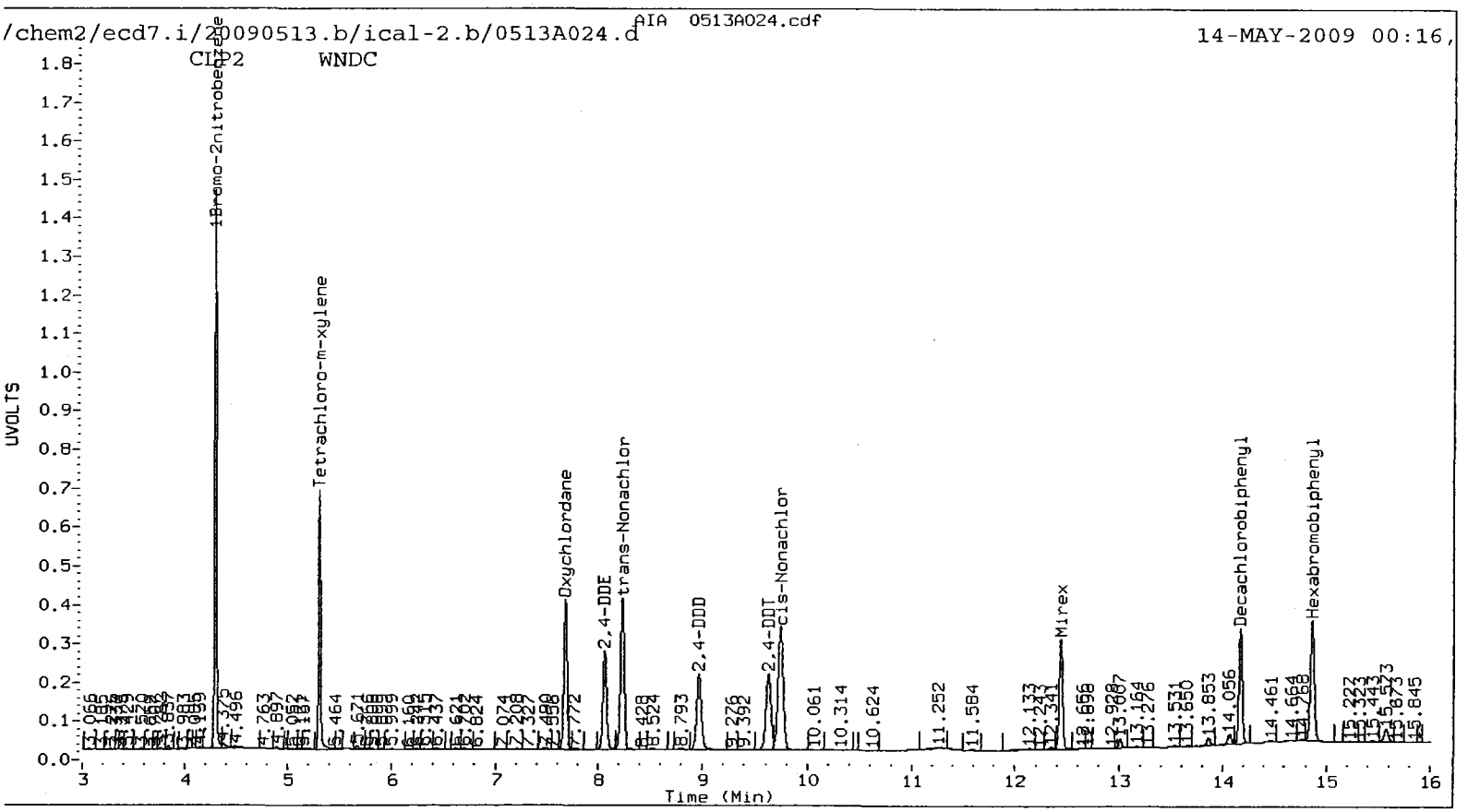
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Oxychlordane
2,4-DDE
trans-Nonachlor
2,4-DDD
2,4-DDT
cis-Nonachlor
Mirex
Decachlorobiphenyl
Hexabromobiphenyl
UVOLTS
Time (Min)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CLP2 WNDC
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Oxychlordane
2,4-DDE
trans-Nonachlor
2,4-DDD
2,4-DDT
cis-Nonachlor
Mirex
Decachlorobiphenyl
Hexabromobiphenyl
UVOLTS
Time (Min)

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A025.d ARI ID: WNDA2
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A025.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 14-MAY-2009 00:37
Compound Sublist: WND Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
1.657	0.001	2326	2.146	0.001	135784	1.1716	1.4504	21.3	Hexachloroethane B
3.796	0.000	2615111	4.289	0.000	3106250	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
6.659	0.001	94039	7.676	0.000	120117	3.0445	3.0871	1.4	Oxychlordane A B
6.759	0.009	78096	8.064	0.003	88750	3.3289	2.9484	12.1	2,4-DDE A B
7.012	0.002	99240	8.230	0.001	136302	2.8462	3.0502	6.9	trans-Nonachlor A B
7.324	0.008	62627	8.965	0.006	92581	2.9070	3.1194	7.1	2,4-DDD A B
7.633	0.006	58839	9.626	0.003	86753	2.5991	2.9401	12.3	2,4-DDT A B
7.818	0.003	97510	9.741	0.002	152457	2.6340	3.0591	14.9	cis-Nonachlor A B
9.409	0.001	78237	12.436	0.000	104477	2.9012	4.2720	38.2	Mirex A B
12.666	0.000	1609368	14.860	0.001	1293972	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.686	0.000	81431	5.306	0.000	122538	2.7384	3.1339	13.5	Tetrachloro-m-xylene A B
12.452	0.001	87871	14.162	-0.001	98023	3.0114	3.4836	14.5	Decachlorobiphenyl A B

* Indicates RPD > 40%
\ Indicates Peak Area was used for Column 1 quantitation instead of Height
3 Indicates Peak Area was used for Column 2 quantitation instead of Height
1 Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	6.8	7.8	6.8~	150- 0
Decachlorobiphenyl	7.5	8.7	7.5~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

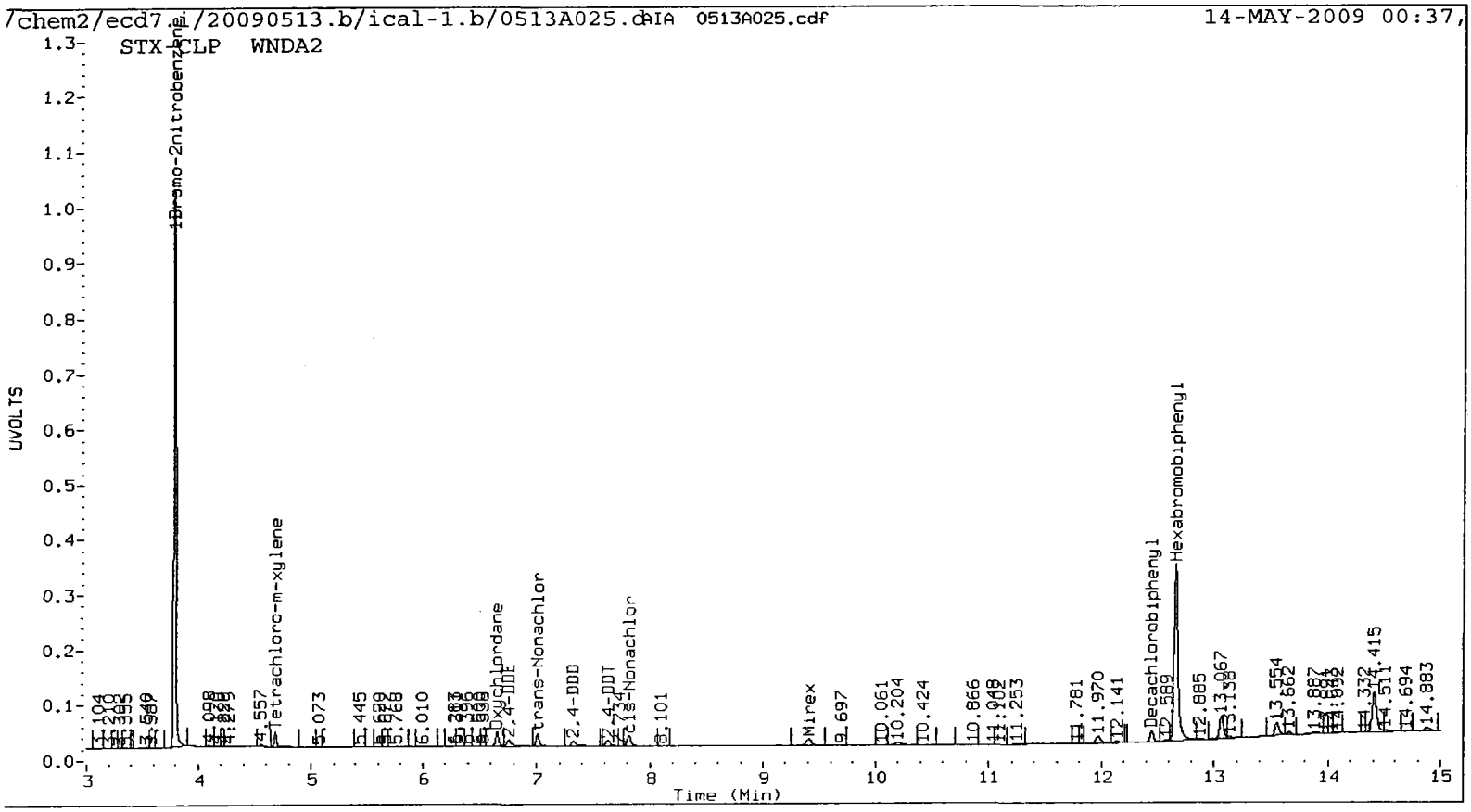
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2615111	-9.2
Hexabromobiphenyl	1666064	1609368	-3.4

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3106250	-2.7
Hexabromobiphenyl	1322411	1293972	-2.2

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

	STX-CLP Col					CLP2 Col				
Aroclor	Peak#	RT	Shift	Height	Amount	Peak#	RT	Shift	Height	Amount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AIA 0513A025.cdf
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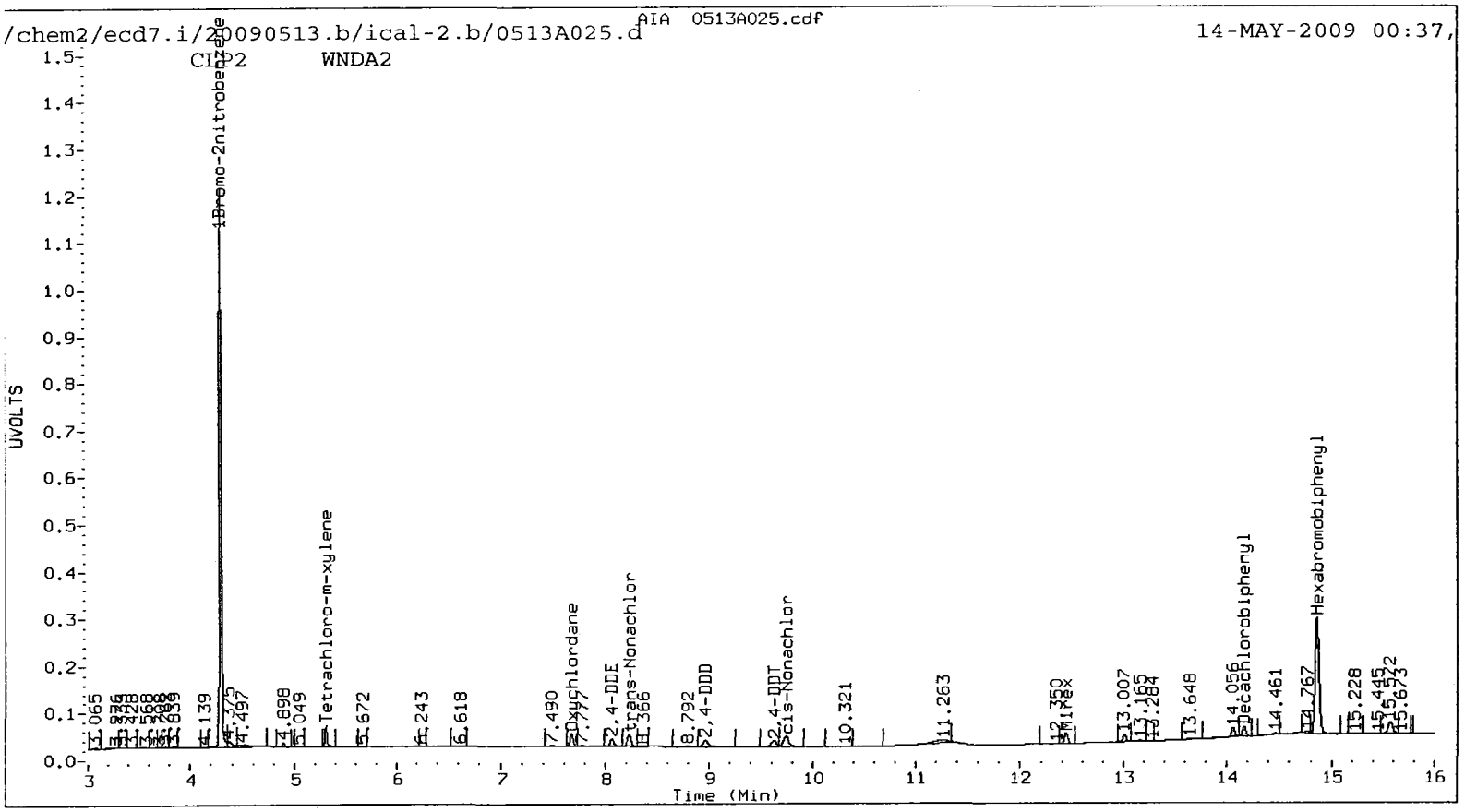
Tetrachloro-m-xylene
Oxychlordane
trans-Nonachlor
2,4-DDD
2,4-DDT
cis-Nonachlor
Mirex
Decachlorobiphenyl
Hexabromobiphenyl
UVOLTS
Time (Min)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AIA 0513A025.cdf
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CLP2 WNDA2
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Oxychlordane
2,4-DDE
trans-Nonachlor
2,4-DDD
2,4-DDT
cis-Nonachlor
Mirex
Decachlorobiphenyl
Hexabromobiphenyl
UVOLTS
Time (Min)

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A026.d ARI ID: WNDA1
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A026.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 14-MAY-2009 00:57
Compound Sublist: WND Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
1.655	-0.001	4992	2.145	-0.001	266903	2.4002	2.7190	12.5	Hexachloroethane B
3.795	0.000	2744890	4.288	0.000	3257114	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
6.659	0.001	173004	7.675	-0.001	230809	5.3078	5.6572	6.4	Oxychlordane A B
6.758	0.008	133106	8.063	0.003	175009	5.3768	5.5447	3.1	2,4-DDE A B
7.011	0.001	190021	8.229	0.000	267900	5.1646	5.6675	9.3	trans-Nonachlor A B
7.322	0.006	122754	8.963	0.004	176730	5.3997	5.6292	4.2	2,4-DDD A B
7.632	0.005	122424	9.625	0.002	171589	5.1248	5.4973	7.0	2,4-DDT A B
7.817	0.002	194360	9.739	0.000	298701	4.9755	5.6659	13.0	cis-Nonachlor A B
9.408	0.000	152049	12.436	0.000	195235	5.3432	7.5466	34.2	Mirex A B
12.666	0.000	1698249	14.859	0.000	1368797	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.686	0.000	164874	5.305	-0.001	240666	5.2824	5.8699	10.5	Tetrachloro-m-xylene A B
12.452	0.001	179865	14.162	-0.001	185738	5.8414	6.2400	6.6	Decachlorobiphenyl A B

* Indicates RPD > 40%
\ Indicates Peak Area was used for Column 1 quantitation instead of Height
3 Indicates Peak Area was used for Column 2 quantitation instead of Height
1 Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	13.2	14.7	13.2~	150- 0
Decachlorobiphenyl	14.6	15.6	14.6~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

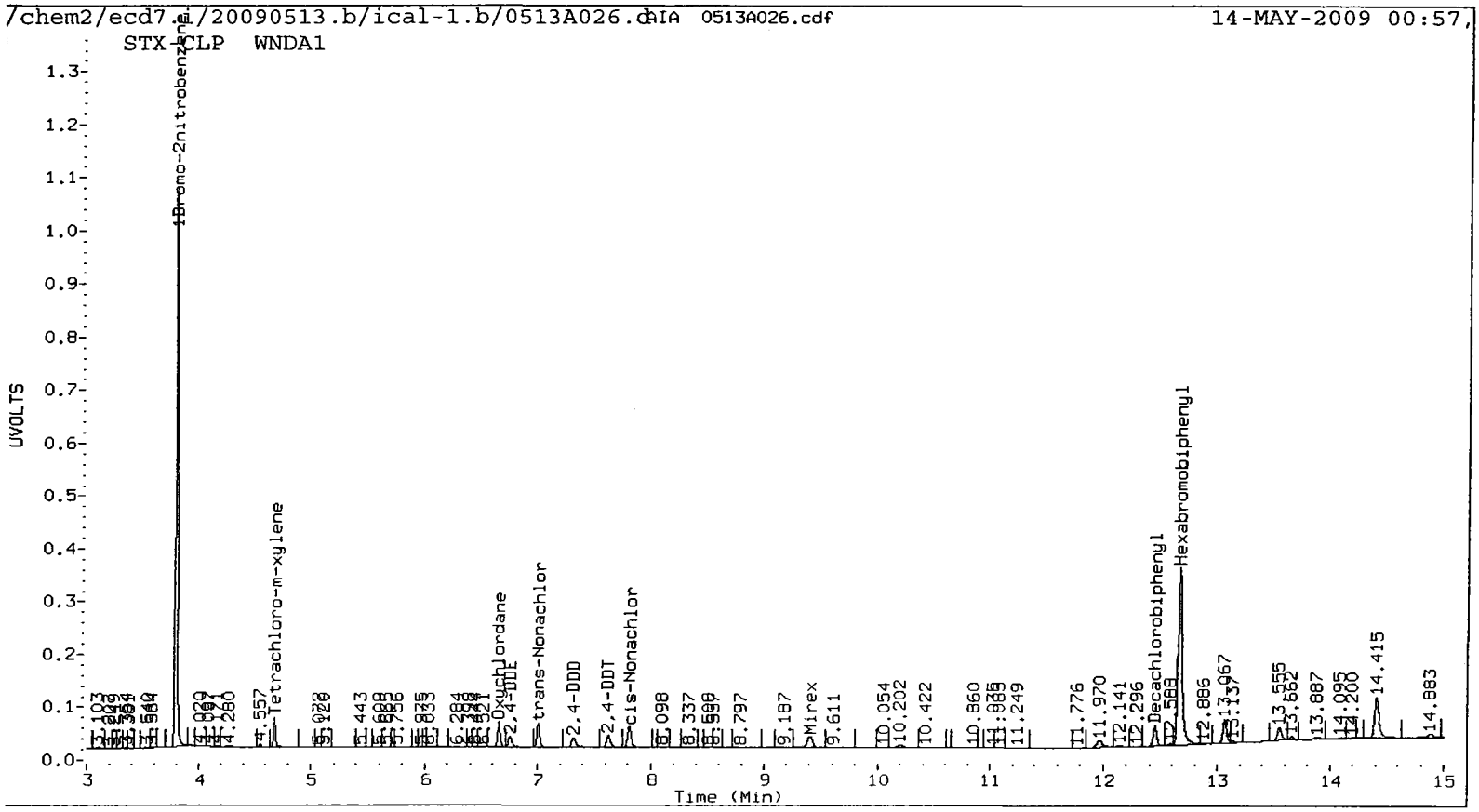
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2744890	-4.7
Hexabromobiphenyl	1666064	1698249	1.9

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3257114	2.0
Hexabromobiphenyl	1322411	1368797	3.5

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	STX-CLP Col Peak#	RT	Shift	Height	Amount	CLP2 Col Peak#	RT	Shift	Height	Amount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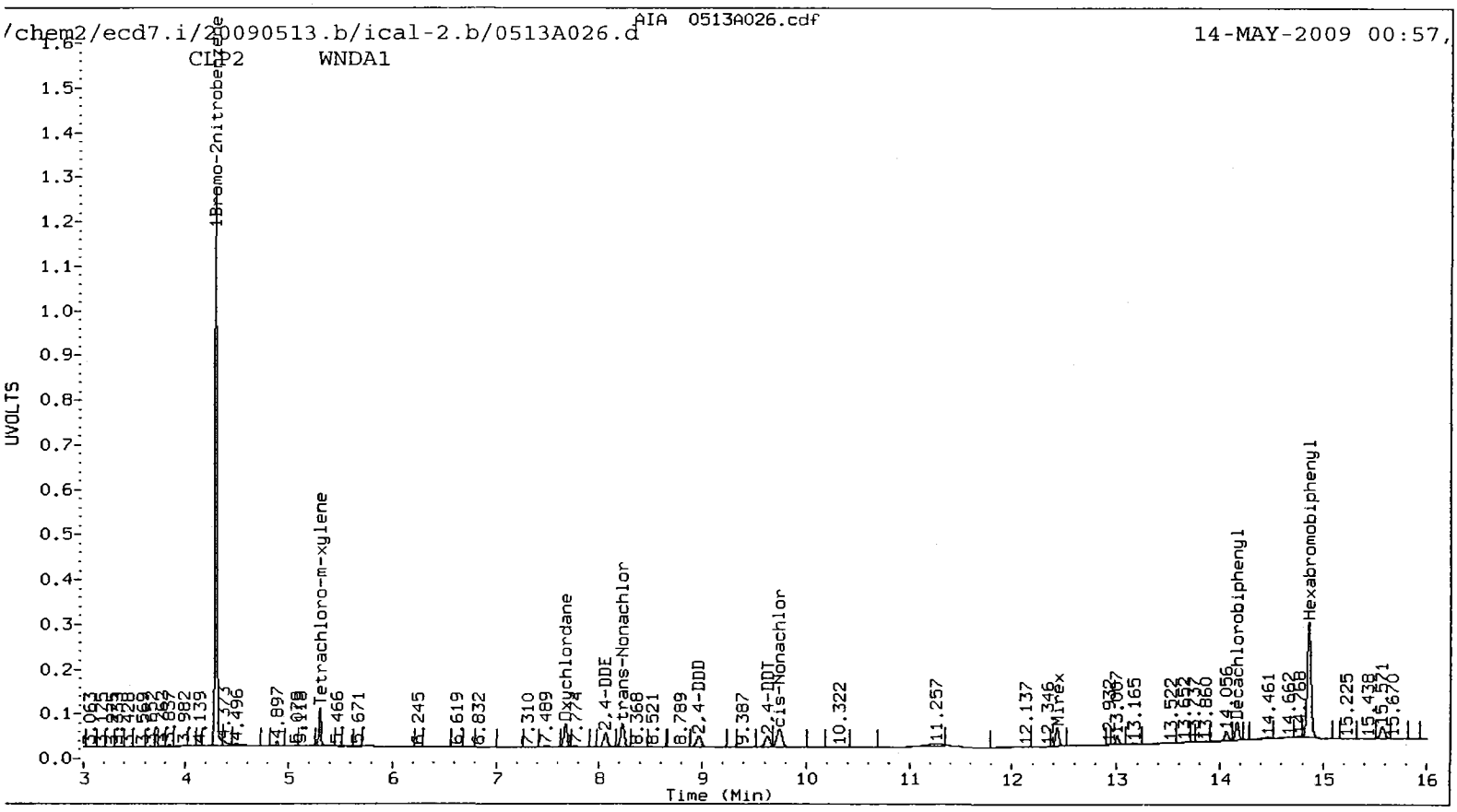
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Oxychlordane
2,4-DDE
trans-Nonachlor
2,4-DDD
2,4-DDT
cis-Nonachlor
Mirex
Decachlorobiphenyl
Hexabromobiphenyl
UVOLTS
Time (Min)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CLP2 WNDA1
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Oxychlordane
2,4-DDE
trans-Nonachlor
2,4-DDD
2,4-DDT
cis-Nonachlor
Mirex
Decachlorobiphenyl
Hexabromobiphenyl
UVOLTS
Time (Min)

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A027.d ARI ID: WNDA
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A027.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 14-MAY-2009 01:18
Compound Sublist: WND Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
1.656	0.000	10835	2.145	0.000	548138	4.8744	5.2841	8.1	Hexachloroethane B
3.796	0.000	2926431	4.289	0.000	3441958	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
6.659	0.001	343957	7.676	0.000	458656	9.9175	10.6381	7.0	Oxychlordane A B
6.756	0.006	256308	8.063	0.003	350579	9.7304	10.5107	7.7	2,4-DDE A B
7.011	0.001	389638	8.229	0.000	544642	9.9526	10.8393	8.5	trans-Nonachlor A B
7.322	0.006	244423	8.964	0.004	349075	10.1046	10.4600	3.5	2,4-DDD A B
7.631	0.004	253054	9.626	0.003	345859	9.9555	10.4240	4.6	2,4-DDT A B
7.817	0.002	406234	9.741	0.002	599025	9.7734	10.6894	9.0	cis-Nonachlor A B
9.409	0.001	327805	12.436	0.000	382952	10.8261	13.9255	25.0	Mirex A B
12.665	-0.001	1807011	14.860	0.001	1455012	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.687	0.001	340549	5.306	0.000	480294	10.2340	11.0853	8.0	Tetrachloro-m-xylene A B
12.452	0.001	366027	14.162	-0.001	367213	11.1719	11.6058	3.8	Decachlorobiphenyl A B

* Indicates RPD > 40%
\ Indicates Peak Area was used for Column 1 quantitation instead of Height
3 Indicates Peak Area was used for Column 2 quantitation instead of Height
1 Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	25.6	27.7	25.6~	150- 0
Decachlorobiphenyl	27.9	29.0	27.9~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

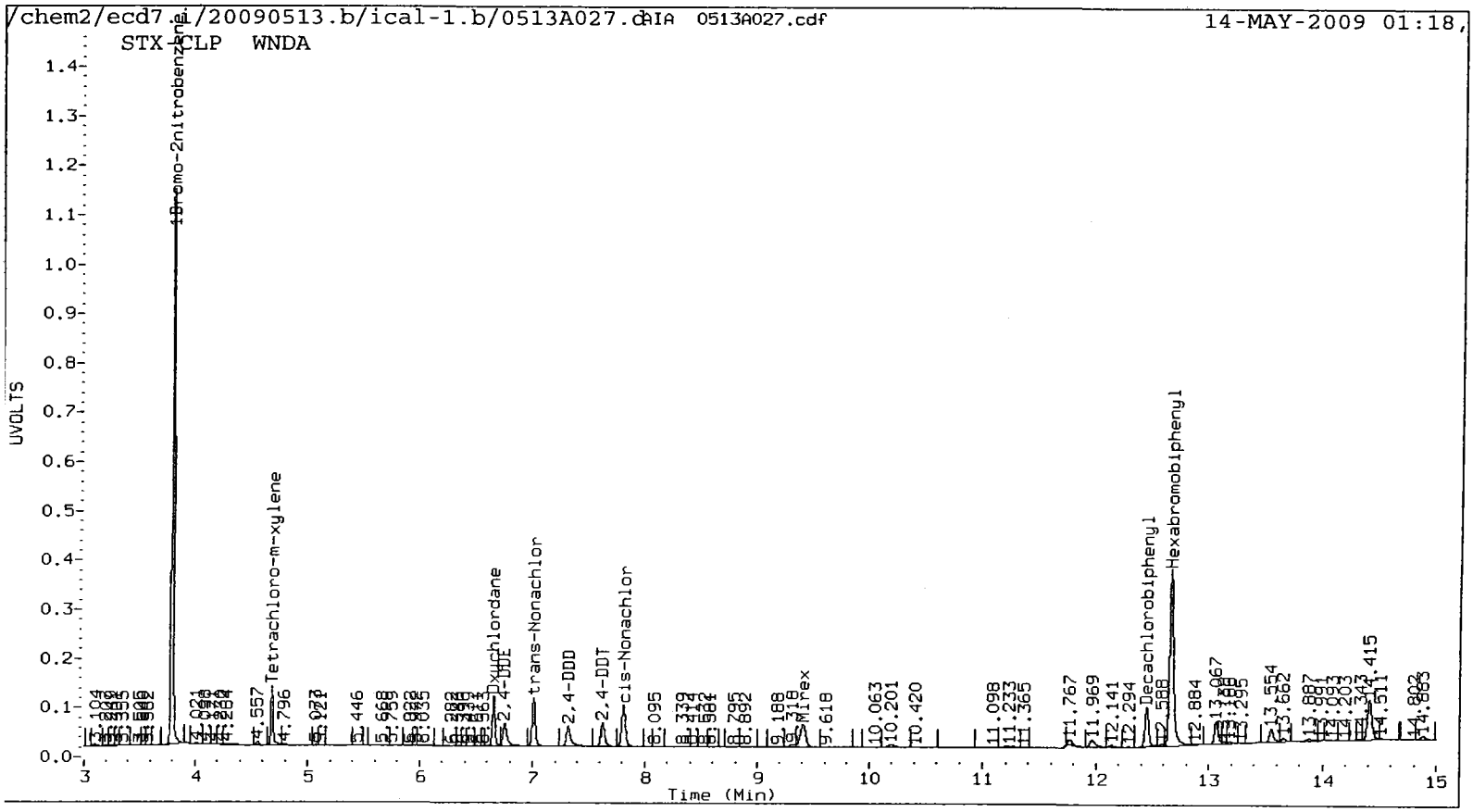
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2926431	1.6
Hexabromobiphenyl	1666064	1807011	8.5

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3441958	7.8
Hexabromobiphenyl	1322411	1455012	10.0

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

	STX-CLP Col					CLP2 Col				
Aroclor	Peak#	RT	Shift	Height	Amount	Peak#	RT	Shift	Height	Amount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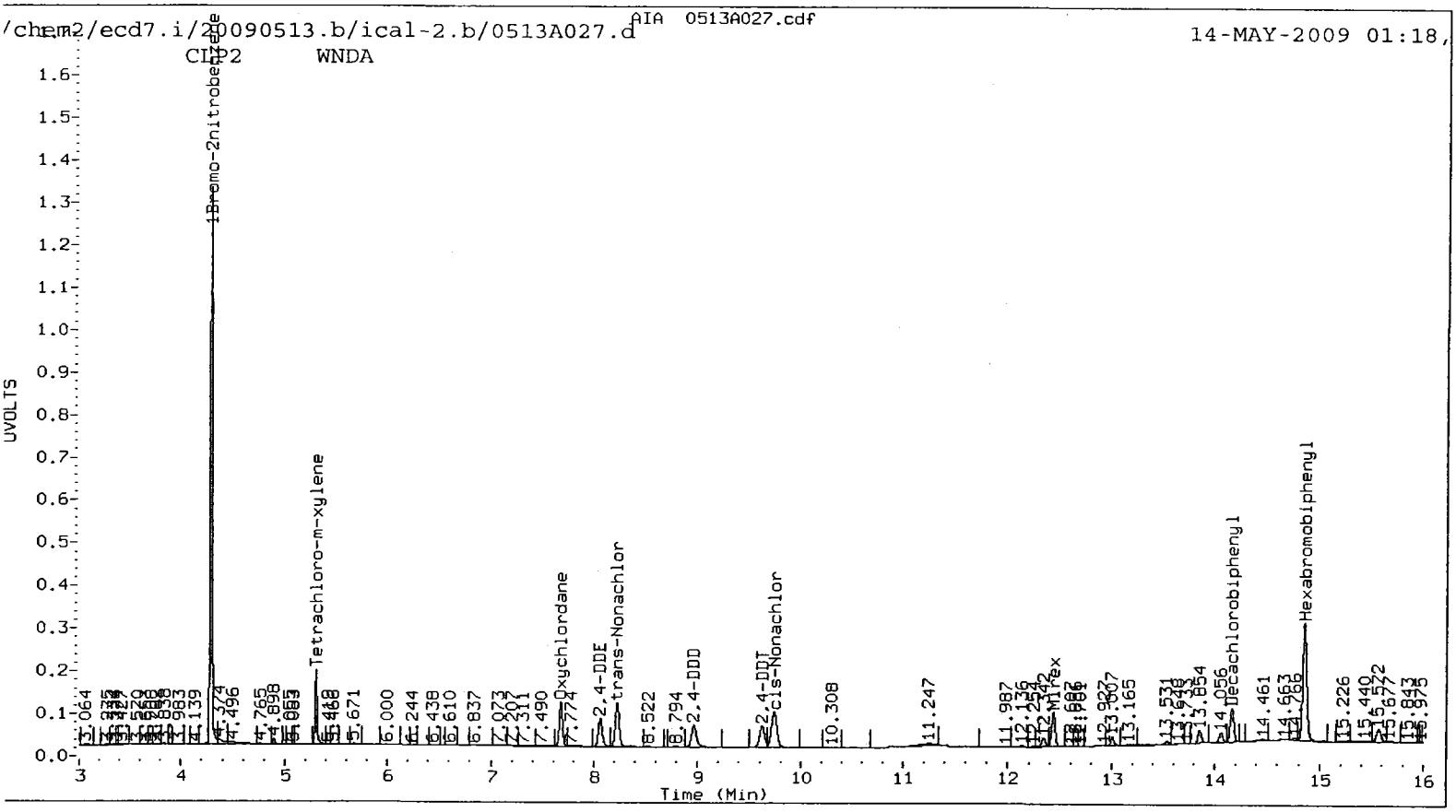
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Oxychlordane
2,4-DDE
trans-Nonachlor
2,4-DDD
2,4-DDT
cis-Nonachlor
Mirex
Decachlorobiphenyl
Hexabromobiphenyl
UVOLTS
Time (Min)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1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Oxychlordane
2,4-DDE
trans-Nonachlor
2,4-DDD
2,4-DDT
cis-Nonachlor
Mirex
Decachlorobiphenyl
Hexabromobiphenyl
UVOLTS
Time (Min)

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A028.d ARI ID: WNDB
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A028.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 14-MAY-2009 01:39
Compound Sublist: WND Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
1.655	-0.001	21218	2.145	-0.001	977452	10.0404	9.9016	1.4	Hexachloroethane B
3.796	0.000	2777855	4.288	0.000	3275466	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
6.658	0.000	623697	7.676	0.000	798299	18.8940	19.4570	2.9	Oxychlordane A B
6.754	0.004	467658	8.062	0.002	615014	18.6530	19.3759	3.8	2,4-DDE A B
7.011	0.001	714752	8.229	0.001	947793	19.1816	19.7996	3.2	trans-Nonachlor A B
7.319	0.003	447731	8.963	0.004	606607	19.4467	19.0798	1.9	2,4-DDD A B
7.629	0.002	473394	9.625	0.002	605997	19.5670	19.1716	2.0	2,4-DDT A B
7.816	0.001	775096	9.740	0.001	1041627	19.5919	19.5107	0.4	cis-Nonachlor A B
9.408	0.000	553648	12.436	0.000	635992	19.2106	24.2757	23.3	Mirex A B
12.666	-0.001	1719920	14.860	0.001	1386159	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.686	0.000	657902	5.305	0.000	852724	20.8283	20.6815	0.7	Tetrachloro-m-xylene A B
12.451	0.000	653233	14.162	-0.001	638641	20.9476	21.1870	1.1	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	52.1	51.7	51.7~	150- 0
Decachlorobiphenyl	52.4	53.0	52.4~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

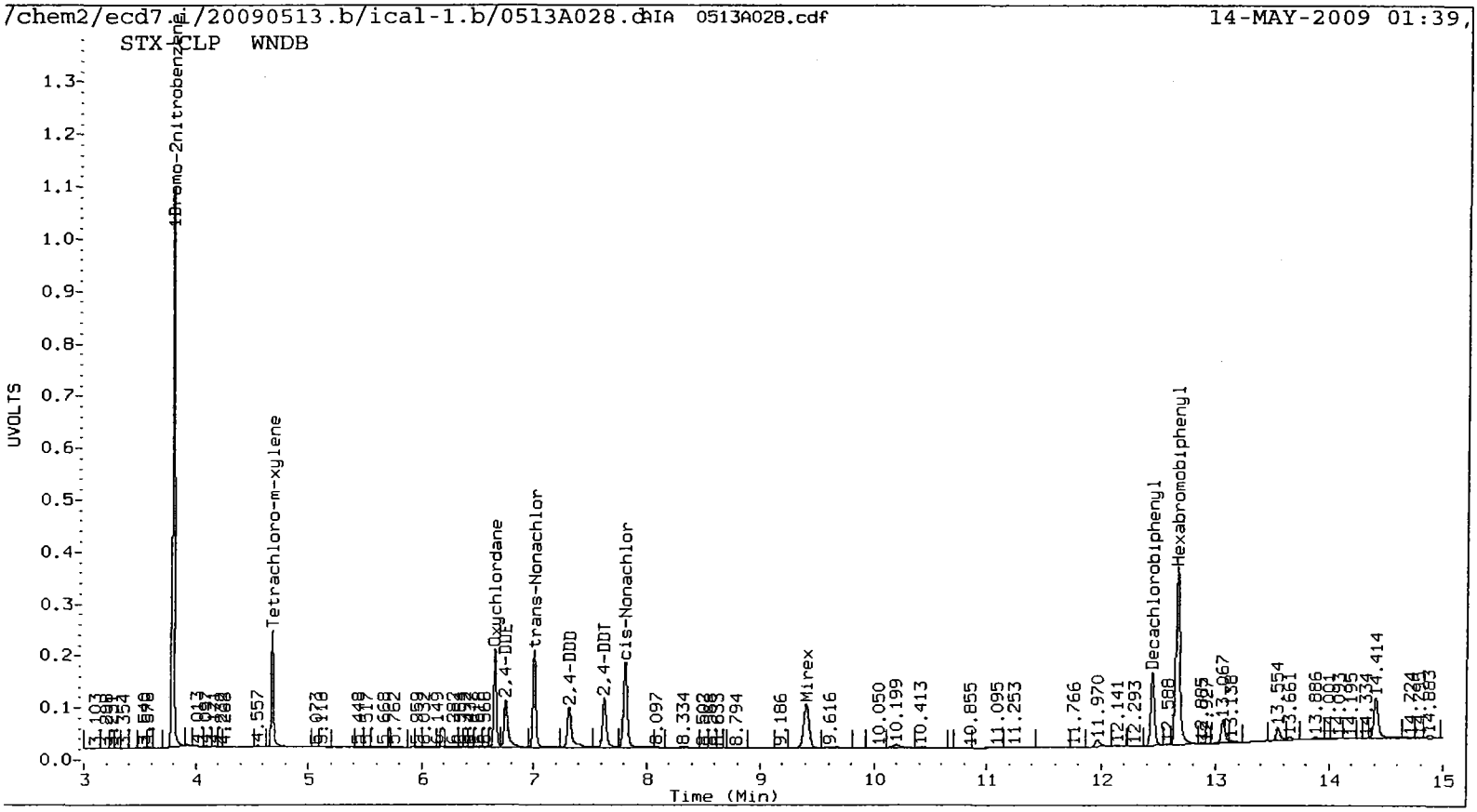
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2777855	-3.6
Hexabromobiphenyl	1666064	1719920	3.2

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3275466	2.6
Hexabromobiphenyl	1322411	1386159	4.8

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	STX-CLP Col Peak#	RT	Shift	Height	Amount	CLP2 Col Peak#	RT	Shift	Height	Amount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AIA 0513A028.cdf
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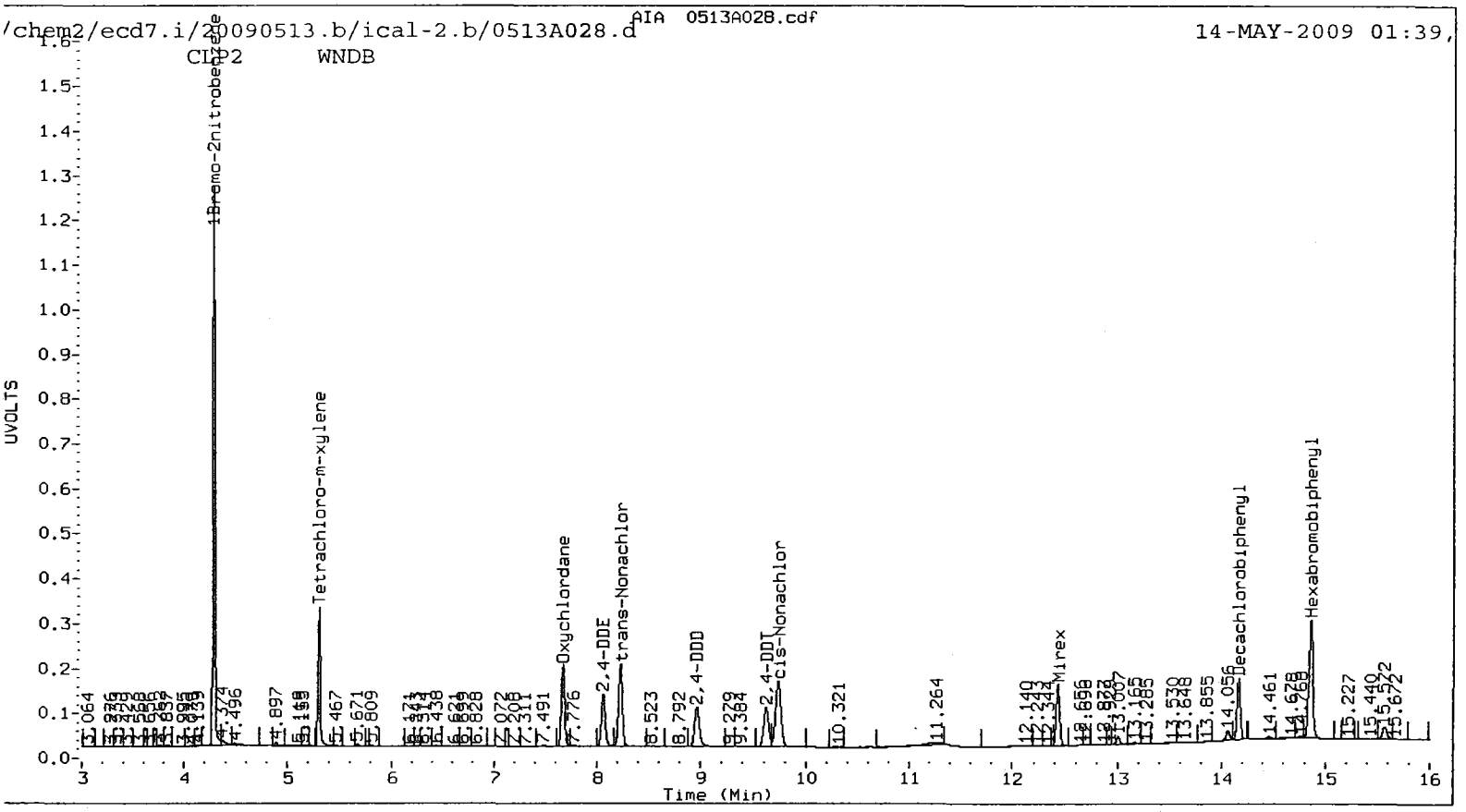
STX-CLP WNDB
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Oxychlordane
2,4-DDE
trans-Nonachlor
2,4-DDD
2,4-DDT
cis-Nonachlor
Mirex
Decachlorobiphenyl
Hexabromobiphenyl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14-MAY-2009 01:39,
CLP2 WNDB
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Oxychlordane
2,4-DDE
trans-Nonachlor
2,4-DDD
2,4-DDT
cis-Nonachlor
Mirex
Decachlorobiphenyl
Hexabromobiphenyl

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A029.d ARI ID: WNDD
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A029.d Client ID:
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Compound Sublist: WND Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
1.656	0.000	93373	2.145	0.000	3678761	43.6314	36.7794	17.0	Hexachloroethane B
3.796	0.000	2828058	4.289	0.000	3318806	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
6.658	0.000	2562879	7.675	0.000	2927556	76.1540	70.4218	7.8	Oxychlordane A B
6.749	-0.001	1876242	8.060	0.000	2256610	73.4044	70.1657	4.5	2,4-DDE A B
7.010	0.000	3015000	8.229	0.000	3438709	79.3651	70.2267	12.2	trans-Nonachlor A B
7.315	-0.001	1813567	8.960	0.001	2203188	77.2635	67.7457	13.1	2,4-DDD A B
7.625	-0.002	1992232	9.623	0.000	2298641	80.7708	71.0925	12.7	2,4-DDT A B
7.814	-0.001	3307826	9.740	0.000	3873320	82.0119	70.9265	14.5	cis-Nonachlor A B
9.407	-0.001	2195817	12.437	0.000	2255194	74.7339	84.1528	11.9	Mirex A B
12.666	-0.001	1753457	14.860	0.001	1417911	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.686	0.000	2746288	5.305	0.000	3157189	85.4005	75.5726	12.2	Tetrachloro-m-xylene A B
12.451	0.000	2543722	14.162	-0.001	2358212	80.0109	76.4819	4.5	Decachlorobiphenyl A B

* Indicates RPD > 40%
\ Indicates Peak Area was used for Column 1 quantitation instead of Height
3 Indicates Peak Area was used for Column 2 quantitation instead of Height
1 Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	213.5	188.9	188.9~	150- 0
Decachlorobiphenyl	200.0	191.2	191.2~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

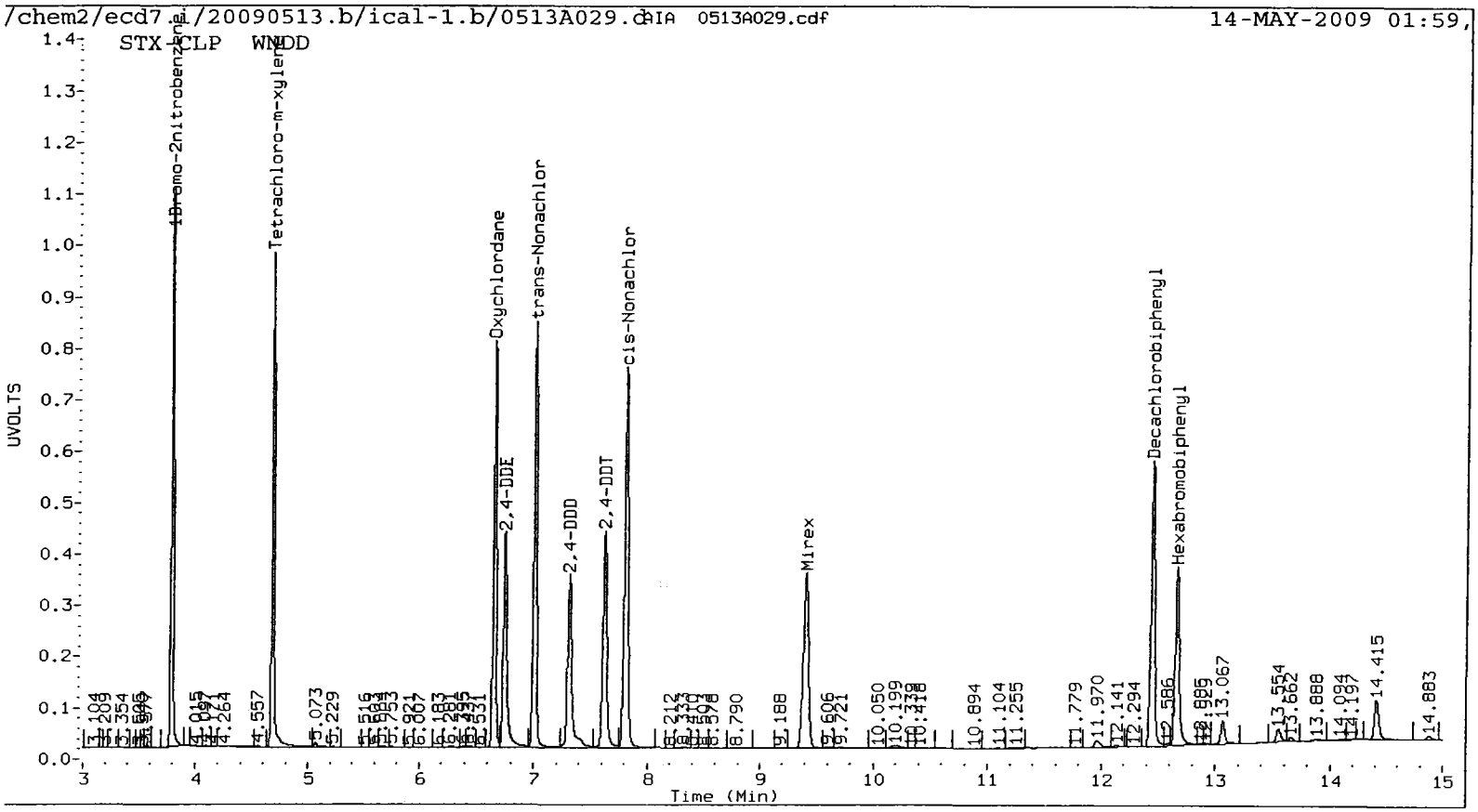
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2828058	-1.8
Hexabromobiphenyl	1666064	1753457	5.2

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3318806	4.0
Hexabromobiphenyl	1322411	1417911	7.2

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

	STX-CLP Col					CLP2 Col				
Aroclor	Peak#	RT	Shift	Height	Amount	Peak#	RT	Shift	Height	Amount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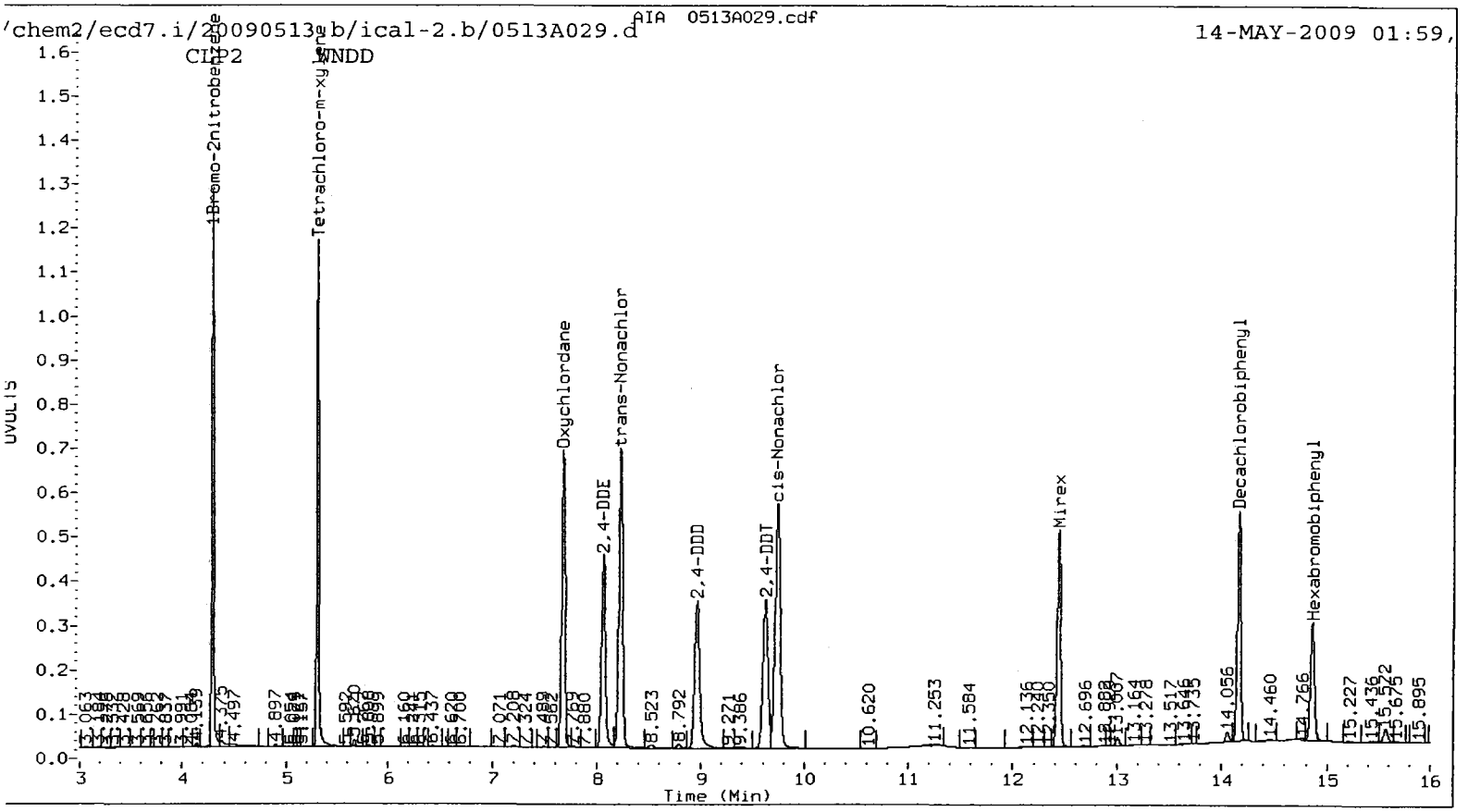
Tetrachloro-m-xylene
Oxychlordane
trans-Nonachlor
2,4-DDE
2,4-DDD
2,4-DDT
cis-Nonachlor
Mirex
Decachlorobiphenyl
Hexabromobiphenyl
UVOLTS
Time (Min)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Tetrachloro-m-xylene
Oxychlordane
trans-Nonachlor
2,4-DDE
2,4-DDD
2,4-DDT
cis-Nonachlor
Mirex
Decachlorobiphenyl
Hexabromobiphenyl
UVOLTS
Time (Min)

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A030.d ARI ID: WNDE
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A030.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 14-MAY-2009 02:20
Compound Sublist: WND Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
1.655	-0.001	165199	2.145	0.000	6623617	81.6511	69.2833	16.4	Hexachloroethane B
3.796	0.000	2711321	4.289	0.000	3172136	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
6.658	0.000	4863030	7.676	0.000	5212846	149.9474	131.1918	13.3	Oxychlordane A B
6.747	-0.003	3551448	8.060	0.000	4007377	144.1804	130.3643	10.1	2,4-DDE A B
7.009	-0.001	5714102	8.229	0.000	6154665	156.0838	130.2219	18.1	trans-Nonachlor A B
7.312	-0.004	3247108	8.960	0.000	3915362	143.5506	124.7311	14.0	2,4-DDD A B
7.624	-0.003	3829246	9.623	0.000	4168751	161.0999	133.5770	18.7	2,4-DDT A B
7.814	-0.001	6331323	9.739	0.000	6950040	162.8906	131.8516	21.1	cis-Nonachlor A B
9.407	-0.001	4108869	12.436	0.000	4030413	145.1147	155.8141	7.1	Mirex A B
12.665	-0.001	1689770	14.859	0.001	1368599	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.686	0.000	5181213	5.306	0.000	5600672	168.0557	140.2601	18.0	Tetrachloro-m-xylene A
12.450	-0.001	4748056	14.162	-0.001	4289300	154.9753	144.1235	7.3	Decachlorobiphenyl A B

: Indicates RPD > 40%
\ Indicates Peak Area was used for Column 1 quantitation instead of Height
} Indicates Peak Area was used for Column 2 quantitation instead of Height
[Indicates Column 1 peak was manually integrated
] Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	420.1	350.7	350.7~	150- 0
Decachlorobiphenyl	387.4	360.3	360.3~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

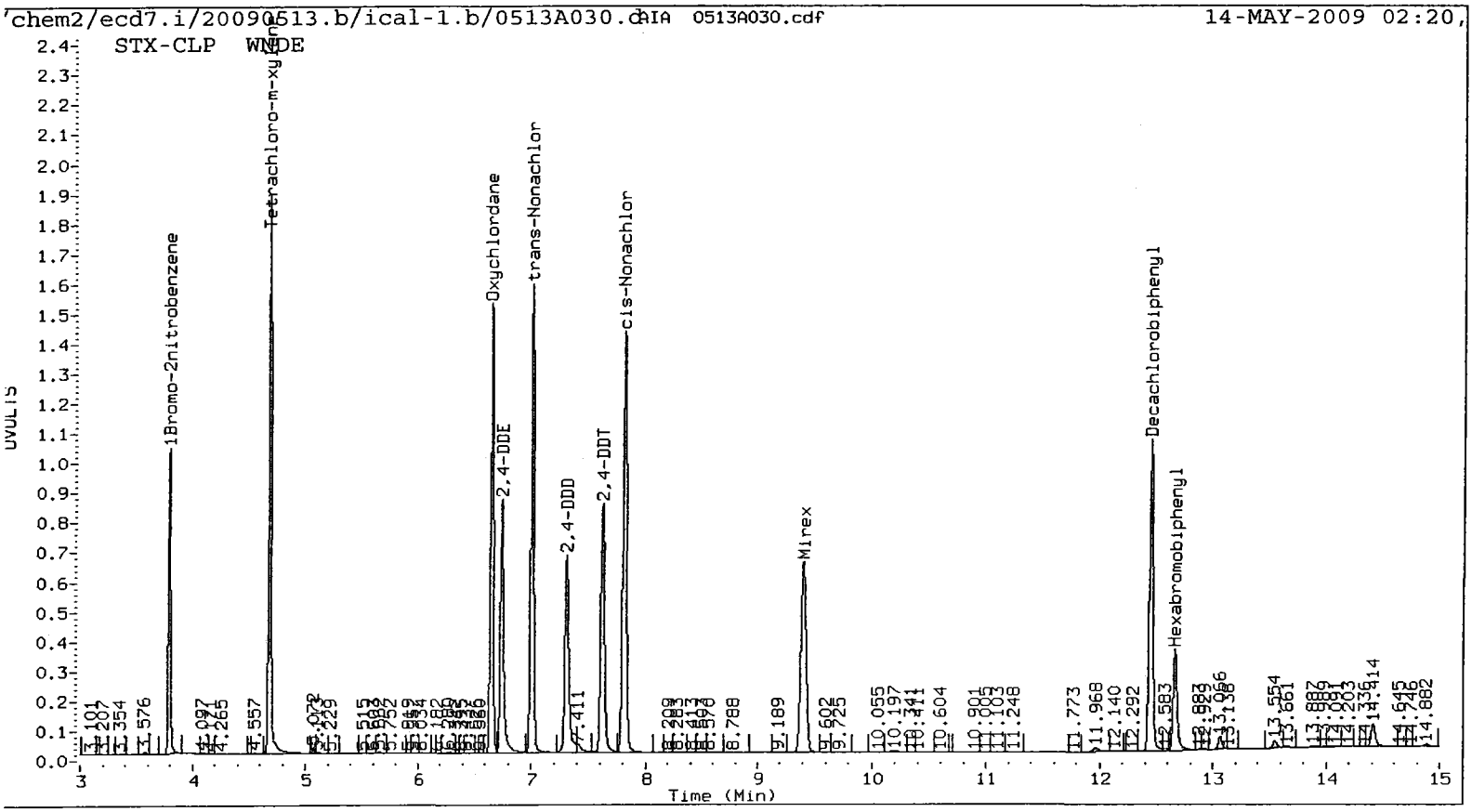
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2711321	-5.9
Hexabromobiphenyl	1666064	1689770	1.4

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3172136	-0.6
Hexabromobiphenyl	1322411	1368599	3.5

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

roclor	STX-CLP Col Peak#	RT	Shift	Height	Amount	CLP2 Col Peak#	RT	Shift	Height	Amount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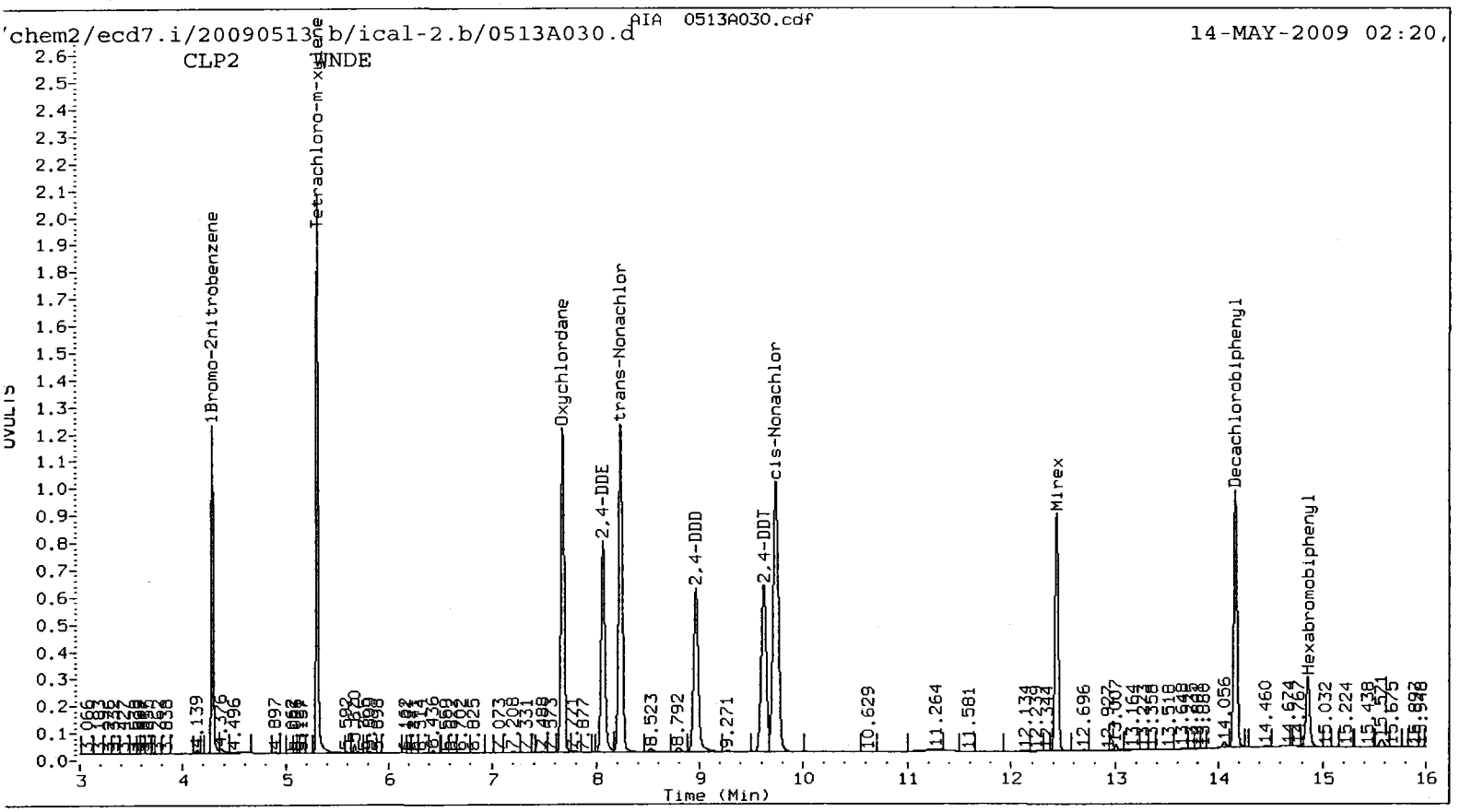
UVUL1S
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Oxychlordane
2,4-DDE
trans-Nonachlor
2,4-DDD
2,4-DDT
cis-Nonachlor
Mirex
Decachlorobiphenyl
Hexabromobiphenyl
Time (Min)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CLP2 WNDE
UVUL1S
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Oxychlordane
2,4-DDE
trans-Nonachlor
2,4-DDD
2,4-DDT
cis-Nonachlor
Mirex
Decachlorobiphenyl
Hexabromobiphenyl
Time (Min)

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A032.d ARI ID: TOXAPH 500
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A032.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 14-MAY-2009 03:01
Compound Sublist: TOXAPH Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.796	0.000	2461031	4.289	0.000	2920684	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
12.667	0.001	1521131	14.860	0.001	1228850	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.686	0.000	247746	5.306	0.000	349917	8.8530	9.5176	7.2	Tetrachloro-m-xylene A B
12.452	0.001	266746	14.162	-0.001	269269	9.6718	10.0766	4.1	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	22.1	23.8	22.1~	150- 0
Decachlorobiphenyl	24.2	25.2	24.2~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

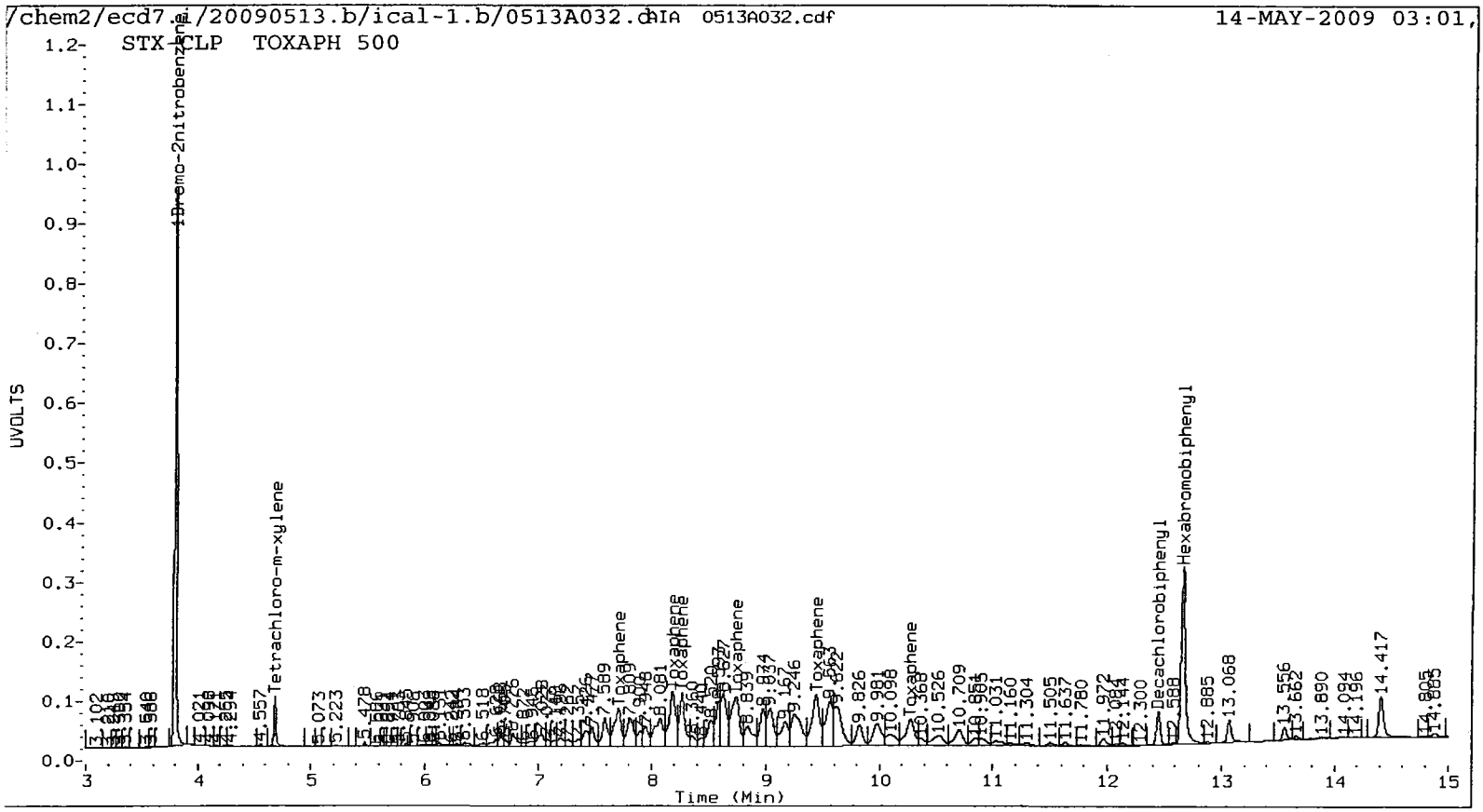
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2461031	-14.6
Hexabromobiphenyl	1666064	1521131	-8.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	2920684	-8.5
Hexabromobiphenyl	1322411	1228850	-7.1

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

	STX-CLP Col					CLP2 Col				
Aroclor	Peak#	RT	Shift	Height	Amount	Peak#	RT	Shift	Height	Amount
Toxaphene	1	7.710	0.001	562064	500.000	1	9.429	0.001	681240	578.250
Toxaphene	2	8.186	0.001	736672	500.000	2	10.275	0.003	1042861	500.000
Toxaphene	3	8.270	0.001	583120	500.000	3	10.983	0.003	1192111	500.000
Toxaphene	4	8.742	0.001	838971	500.000	4	12.031	0.002	899529	500.000
Toxaphene	5	9.440	0.002	823183	500.000	5	12.907	0.001	354173	500.000
Toxaphene	6	10.279	0.001	483400	500.000	NS	---			----
Total STX-CLPAve (6 peaks): 500.000						Total CLP2Ave (5 peaks): 515.650				RPD = 3
Corrected Ave (6 peaks): 500.000						Corrected Ave (5 peaks): 515.650				RPD = 3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UVOLTS
Time (Min)
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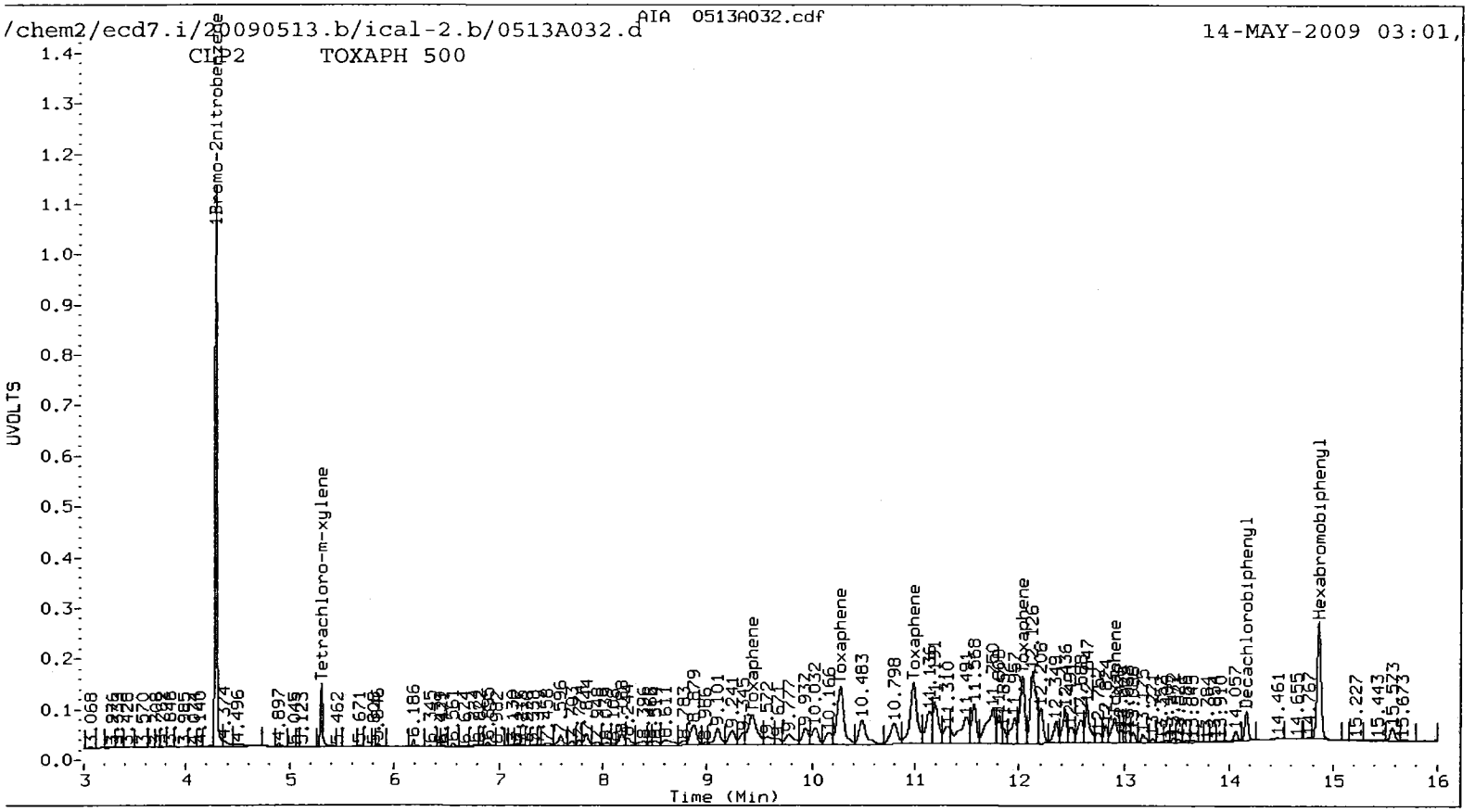
Tetrachloro-m-xylene
Toxaphene
Decachlorobiphenyl
Hexabromobiphenyl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CLP2 TOXAPH 500
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Toxaphene
Decachlorobiphenyl
Hexabromobiphenyl

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A033.d ARI ID: TOXAPH 1000
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A033.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m
Compound Sublist: TOXAPH
Instrument, Inj. Vol.: ecd7.i, 1ul
Operator: ar

Injection Date: 14-MAY-2009 03:22
Report Date: 05/15/2009 17:59
Matrix: NONE
Dilution Factor: 1.000

STX-CLP Col RT	Shift	Response	CLP2 Col RT	Shift	Response	STX-CLP on col	CLP2 on col	RPD	Compound/Flag
3.796	0.001	2520226	4.289	0.000	2993414	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
12.667	0.001	1598843	14.861	0.002	1289794	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.687	0.001	510883	5.306	0.000	681402	17.8273	18.0835	1.4	Tetrachloro-m-xylene A B
12.452	0.001	530253	14.162	0.000	517196	18.2916	18.4399	0.8	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	44.6	45.2	44.6~	150- 0
Decachlorobiphenyl	45.7	46.1	45.7~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2520226	-12.5
Hexabromobiphenyl	1666064	1598843	-4.0

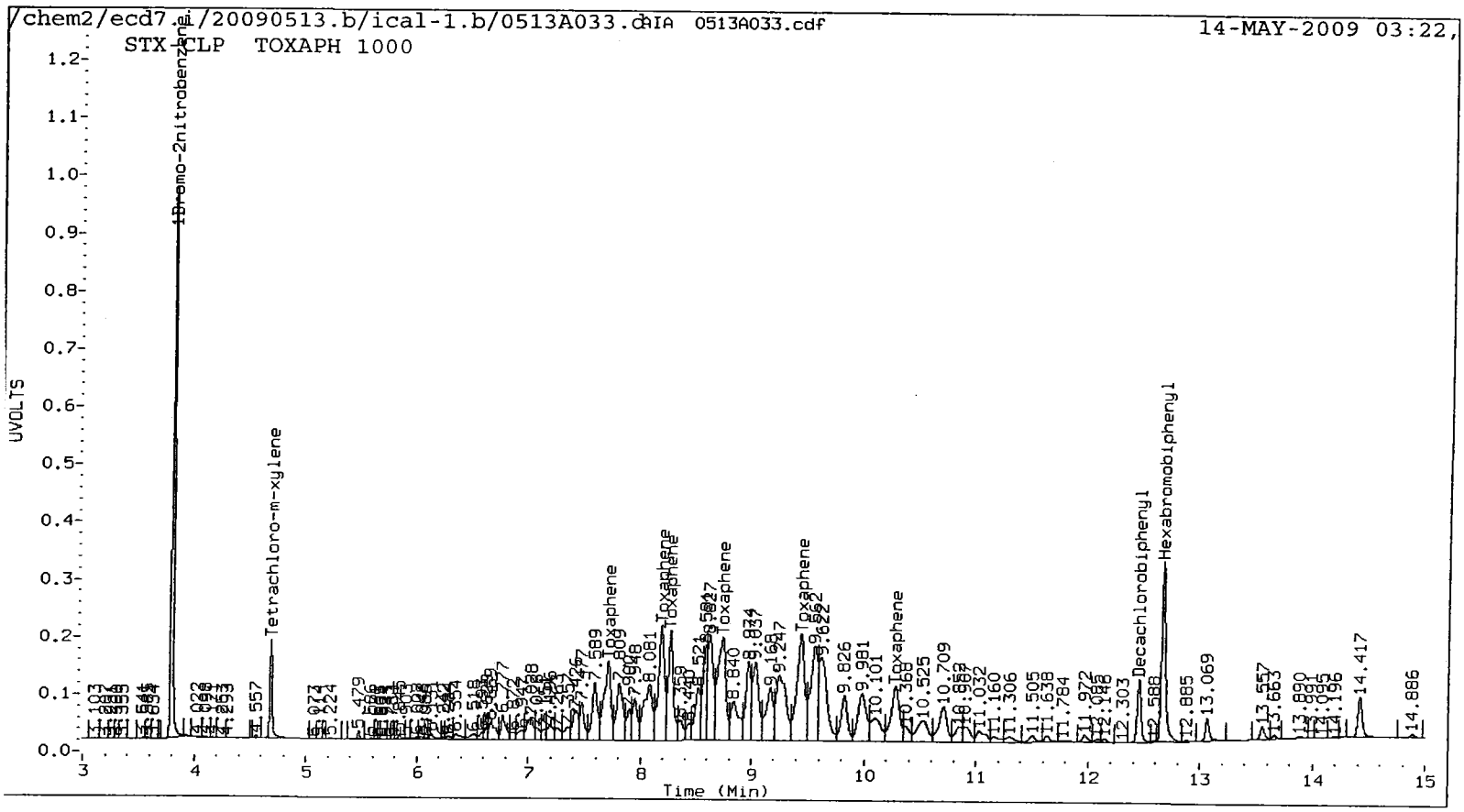
Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	2993414	-6.2
Hexabromobiphenyl	1322411	1289794	-2.5

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

	STX-CLP Col					CLP2 Col				
Aroclor	Peak#	RT	Shift	Height	Amount	Peak#	RT	Shift	Height	Amount
Toxaphene	1	7.711	0.001	1178628	997.520	1	9.429	0.002	1330381	1075.896
Toxaphene	2	8.186	0.001	1563961	1009.910	2	10.276	0.004	2044584	933.957
Toxaphene	3	8.270	0.001	1214130	990.463	3	10.984	0.004	2292605	916.138
Toxaphene	4	8.742	0.001	1824520	1034.505	4	12.031	0.002	1798831	952.629
Toxaphene	5	9.440	0.002	1762537	1018.527	5	12.909	0.002	741564	997.428
Toxaphene	6	10.280	0.002	996462	980.584	NS	---			----

Total STX-CLPAve (6 peaks): 1005.251 Total CLP2Ave (5 peaks): 975.210 RPD = 3
Corrected Ave (6 peaks): 1005.251 Corrected Ave (5 peaks): 975.210 RPD = 3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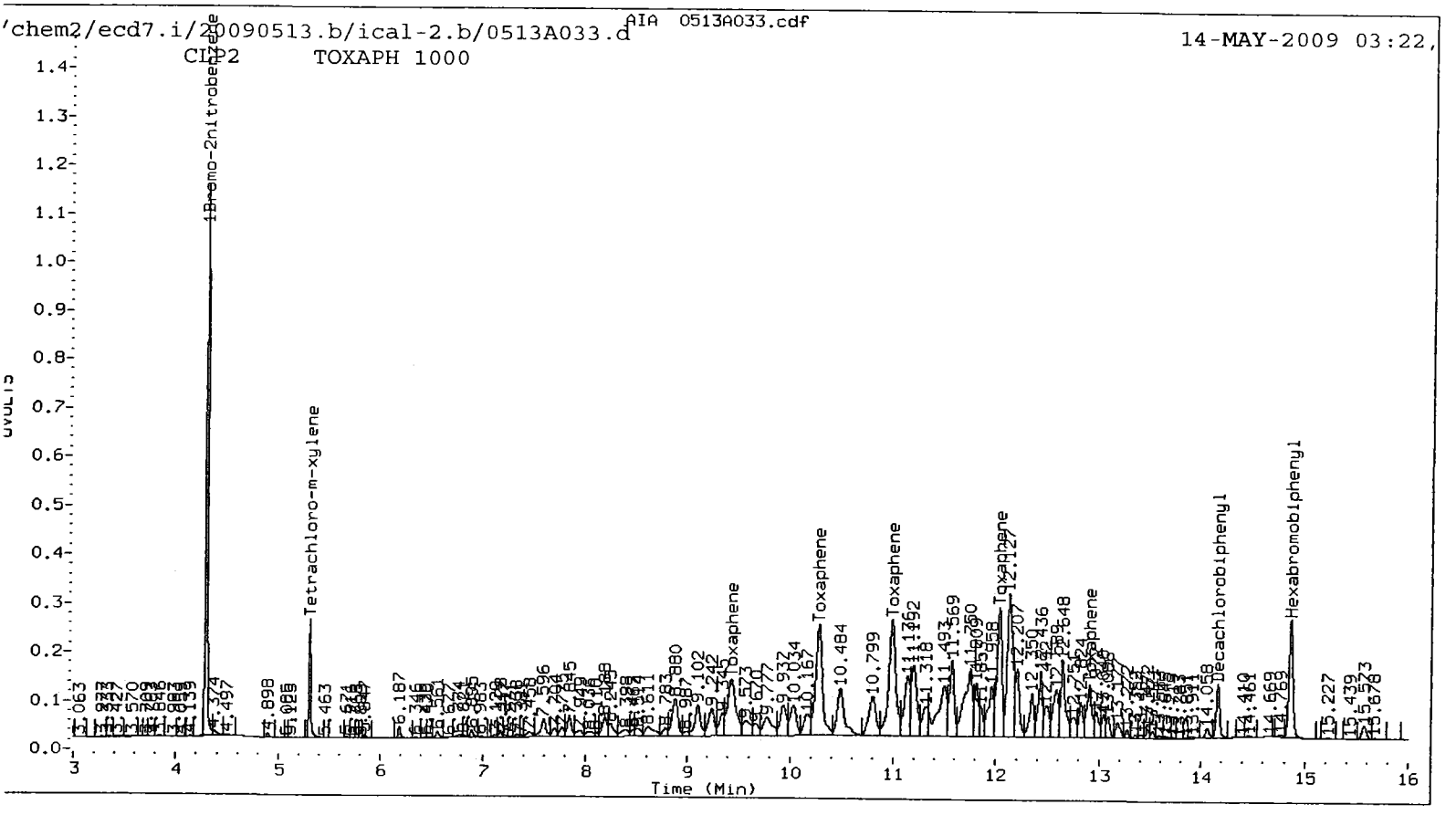
Tetrachloro-m-xylene
Toxaphene
Decachlorobiphenyl
Hexabromobiphenyl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CLP2 TOXAPH 1000
UVOLTS
Time (Min)
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Tetrachloro-m-xylene
Toxaphene
Decachlorobiphenyl
Hexabromobiphenyl

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A034.d ARI ID: TOXAPH 2500
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A034.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 14-MAY-2009 03:43
Compound Sublist: TOXAPH Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.796	0.000	2590291	4.289	0.000	3074387	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
12.666	0.000	1666398	14.860	0.001	1316844	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.686	0.000	1267416	5.306	0.000	1610277	43.0302	41.6091	3.4	Tetrachloro-m-xylene A B
12.451	0.000	1302049	14.162	-0.001	1196167	43.0946	41.7717	3.1	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	107.6	104.0	104.0~	150- 0
Decachlorobiphenyl	107.7	104.4	104.4~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2590291	-10.1
Hexabromobiphenyl	1666064	1666398	0.0

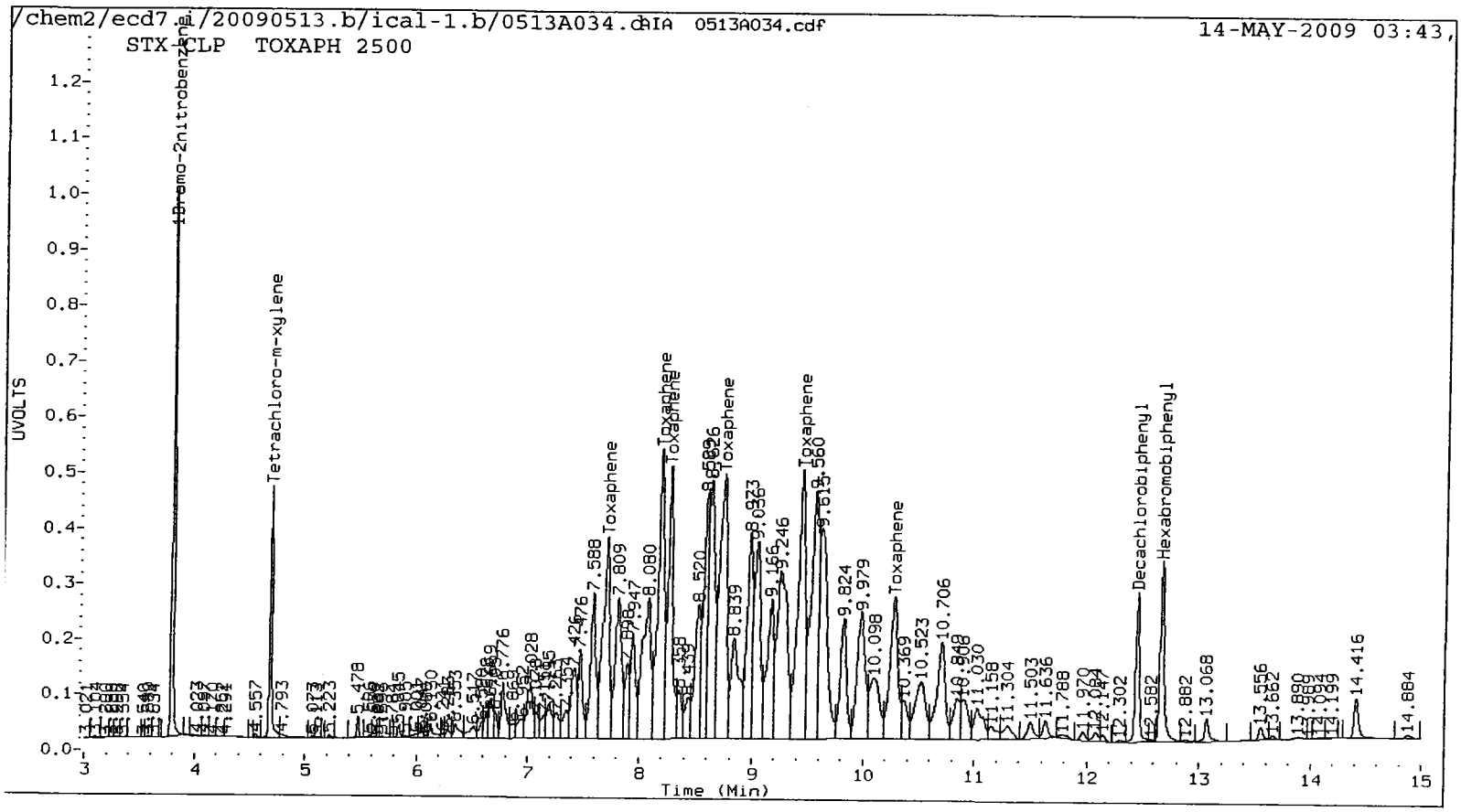
Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3074387	-3.7
Hexabromobiphenyl	1322411	1316844	-0.4

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

	STX-CLP Col					CLP2 Col				
Aroclor	Peak#	RT	Shift	Height	Amount	Peak#	RT	Shift	Height	Amount
Toxaphene	1	7.709	0.000	3046975	2474.235	1	9.429	0.001	3160294	2503.270
Toxaphene	2	8.185	0.000	4043211	2505.014	2	10.275	0.002	4876170	2181.659
Toxaphene	3	8.270	0.000	3107873	2432.558	3	10.982	0.002	5499812	2152.612
Toxaphene	4	8.741	0.000	4837193	2631.506	4	12.031	0.001	4433628	2299.739
Toxaphene	5	9.438	0.000	4598153	2549.441	5	12.908	0.001	1979000	2607.143
Toxaphene	6	10.278	0.000	2587136	2442.702	NS	---			----

Total STX-CLPAve (6 peaks): 2505.909 Total CLP2Ave (5 peaks): 2348.885 RPD = 6
Corrected Ave (6 peaks): 2505.909 Corrected Ave (5 peaks): 2348.885 RPD = 6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UVOLTS
Time (Min)
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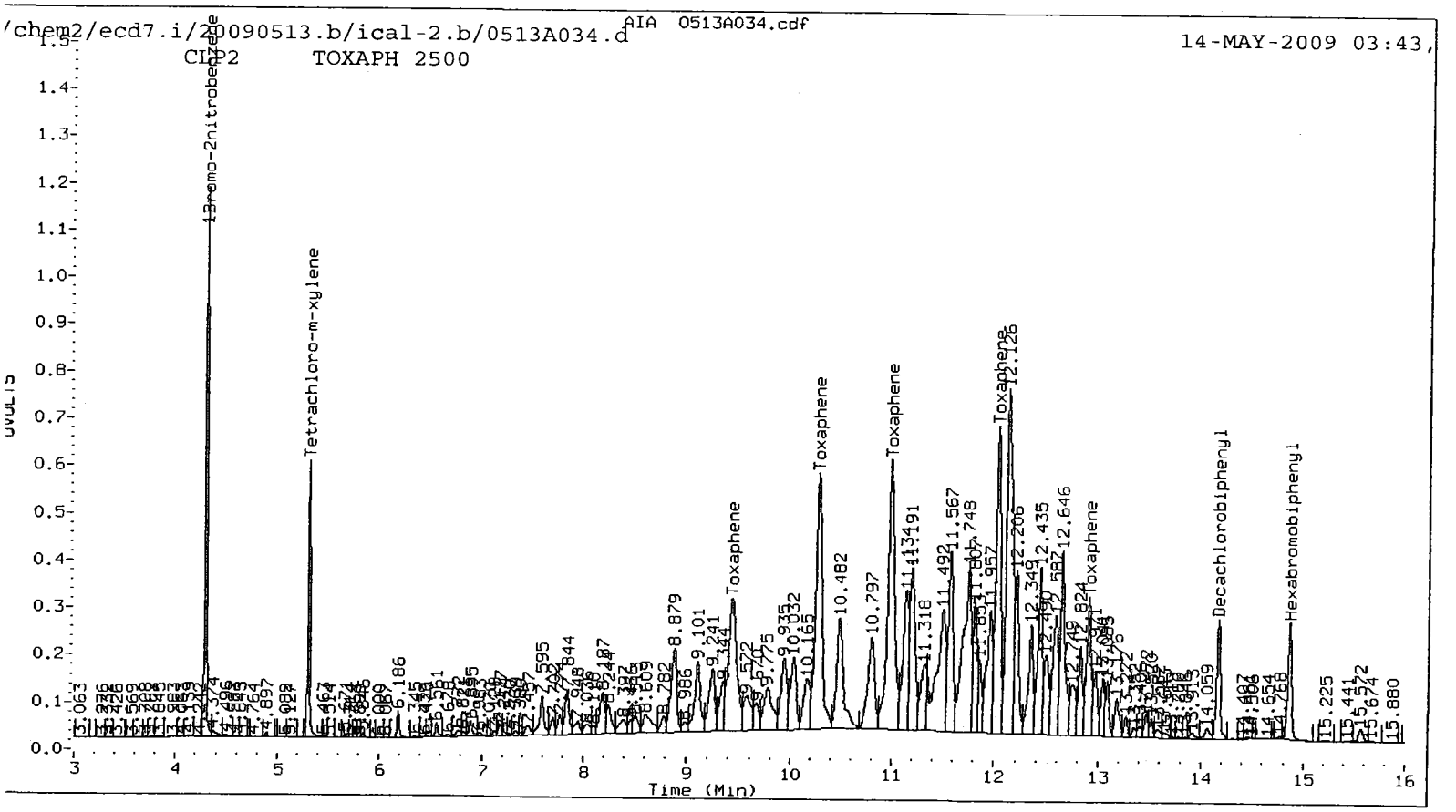
Tetrachloro-m-xylene
Toxaphene
Decachlorobiphenyl
Hexabromobiphenyl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CLP2 TOXAPH 2500
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Toxaphene
Decachlorobiphenyl
Hexabromobiphenyl

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A035.d ARI ID: TOXAPH 5000
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A035.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 14-MAY-2009 04:03
Compound Sublist: TOXAPH Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.796	0.000	2584029	4.288	0.000	3048843	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
12.665	-0.001	1699496	14.860	0.001	1313475	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.686	0.000	2630025	5.306	0.000	3020529	89.5087	78.7035	12.8	Tetrachloro-m-xylene A B
12.450	-0.001	2571480	14.162	-0.001	2269925	83.4521	79.4721	4.9	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	223.8	196.8	196.8~	150- 0
Decachlorobiphenyl	208.6	198.7	198.7~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

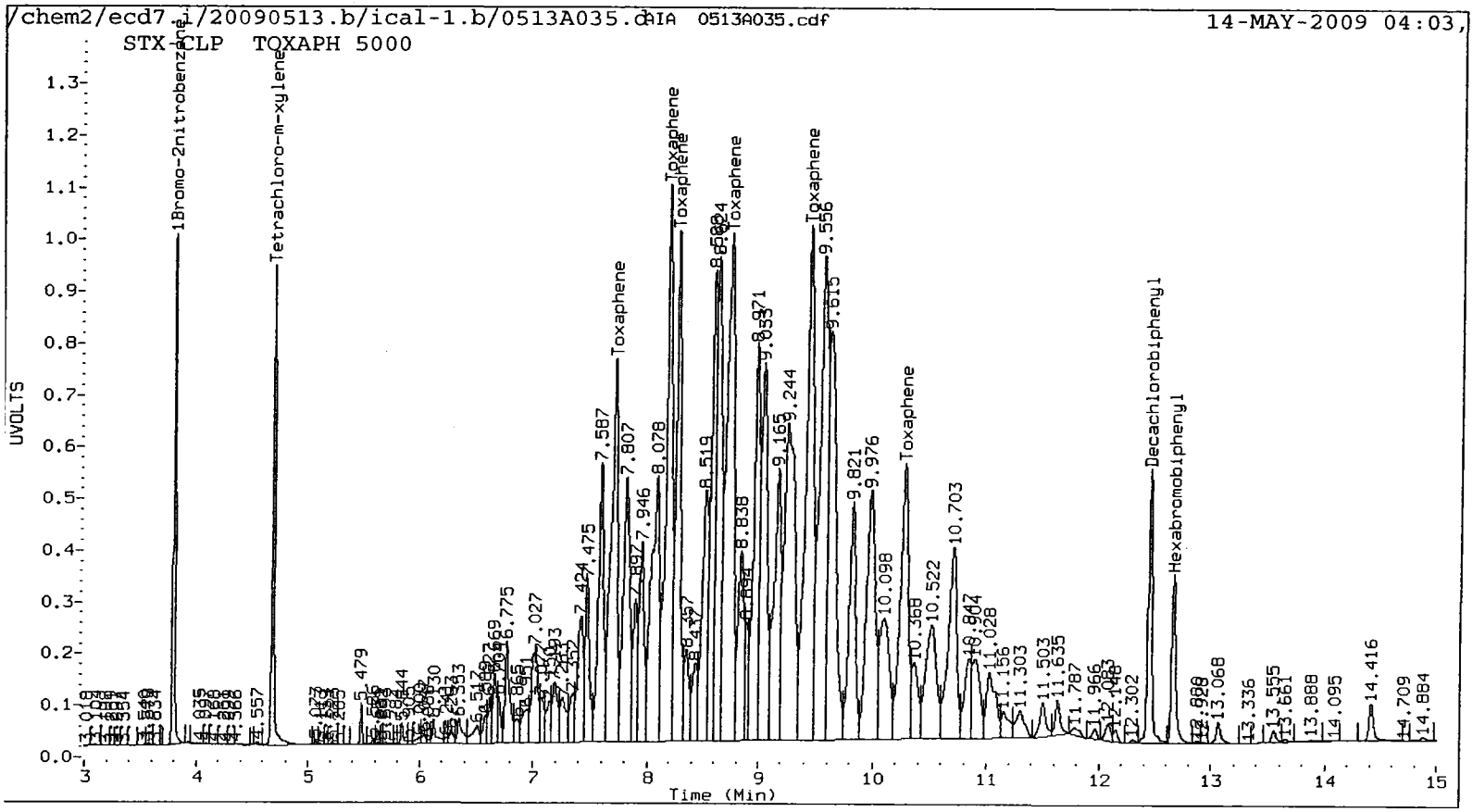
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2584029	-10.3
Hexabromobiphenyl	1666064	1699496	2.0

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3048843	-4.5
Hexabromobiphenyl	1322411	1313475	-0.7

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

	STX-CLP Col					CLP2 Col				
Aroclor	Peak#	RT	Shift	Height	Amount	Peak#	RT	Shift	Height	Amount
Toxaphene	1	7.709	0.000	6148989	4895.921	1	9.427	0.000	5988670	4755.795
Toxaphene	2	8.183	-0.001	8237251	5004.084	2	10.273	0.000	9139827	4099.762
Toxaphene	3	8.268	-0.001	6226114	4778.324	3	10.982	0.001	10361606	4065.907
Toxaphene	4	8.740	-0.001	9896472	5278.979	4	12.030	0.001	8465321	4402.256
Toxaphene	5	9.436	-0.002	9417178	5119.657	5	12.907	0.000	4031695	5324.996
Toxaphene	6	10.276	-0.002	5382670	4983.192	NS	---			
	Total STX-CLPAve (6 peaks): 5010.026					Total CLP2Ave (5 peaks): 4529.743				RPD = 10
	Corrected Ave (6 peaks): 5010.026					Corrected Ave (5 peaks): 4529.743				RPD = 10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STX-CLP TOXAPH 5000
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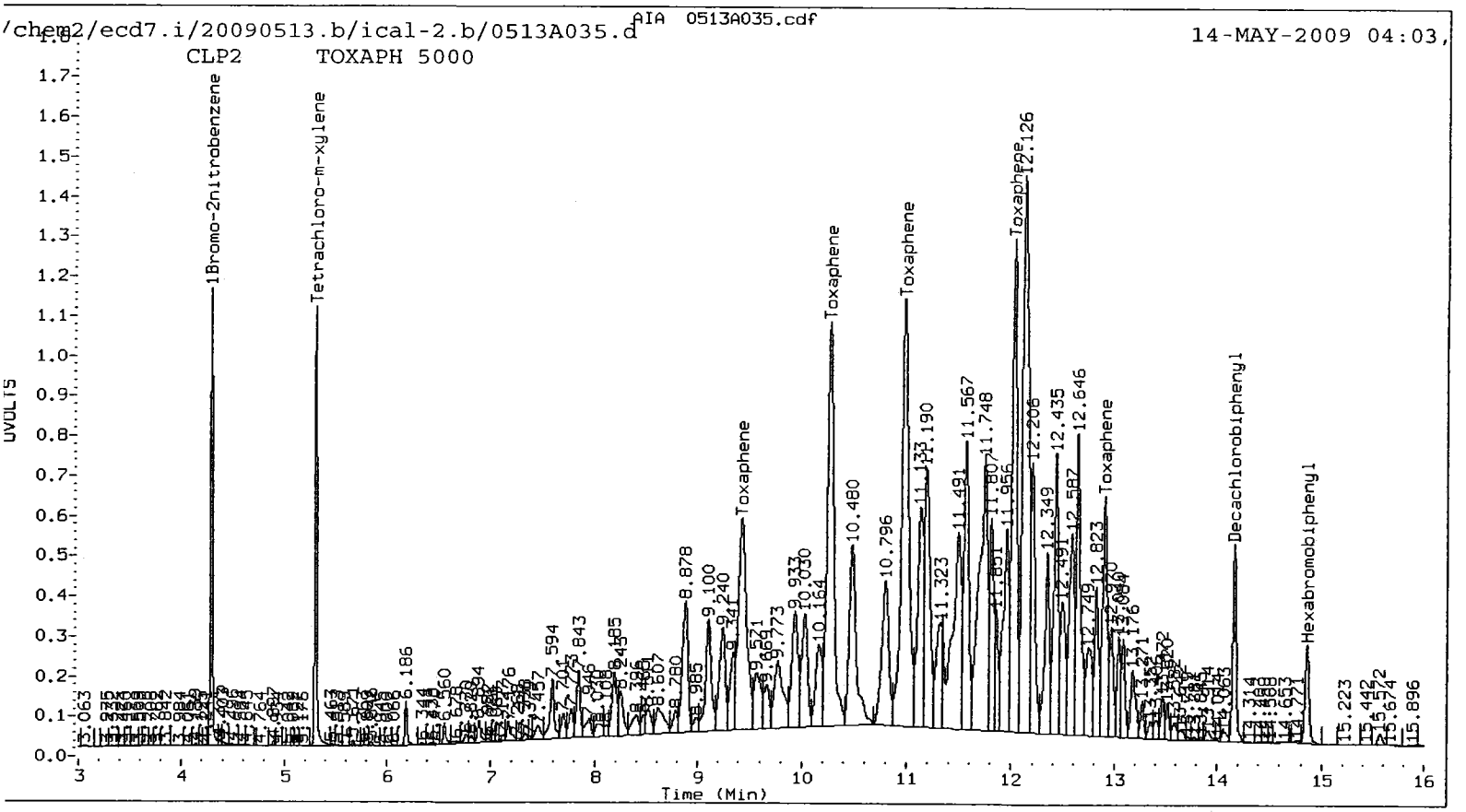
Tetrachloro-m-xylene
Toxaphene
Decachlorobiphenyl
Hexabromobiphenyl
UVOLTS
Time (Min)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14-MAY-2009 04:03,
CLP2 TOXAPH 5000
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Toxaphene
Decachlorobiphenyl
Hexabromobiphenyl
UVOLTS
Time (Min)

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A036.d ARI ID: TOXAPH 7500
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A036.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 14-MAY-2009 04:24
Compound Sublist: TOXAPH Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.795	0.000	2442392	4.288	-0.001	2882916	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
12.665	-0.001	1670794	14.859	0.000	1237903	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.686	0.000	3884212	5.305	0.000	4291121	139.8589	118.2455	16.7	Tetrachloro-m-xylene A
12.450	-0.001	3768496	14.162	-0.001	3271290	124.3998	121.5226	2.3	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	349.6	295.6	295.6~	150- 0
Decachlorobiphenyl	311.0	303.8	303.8~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

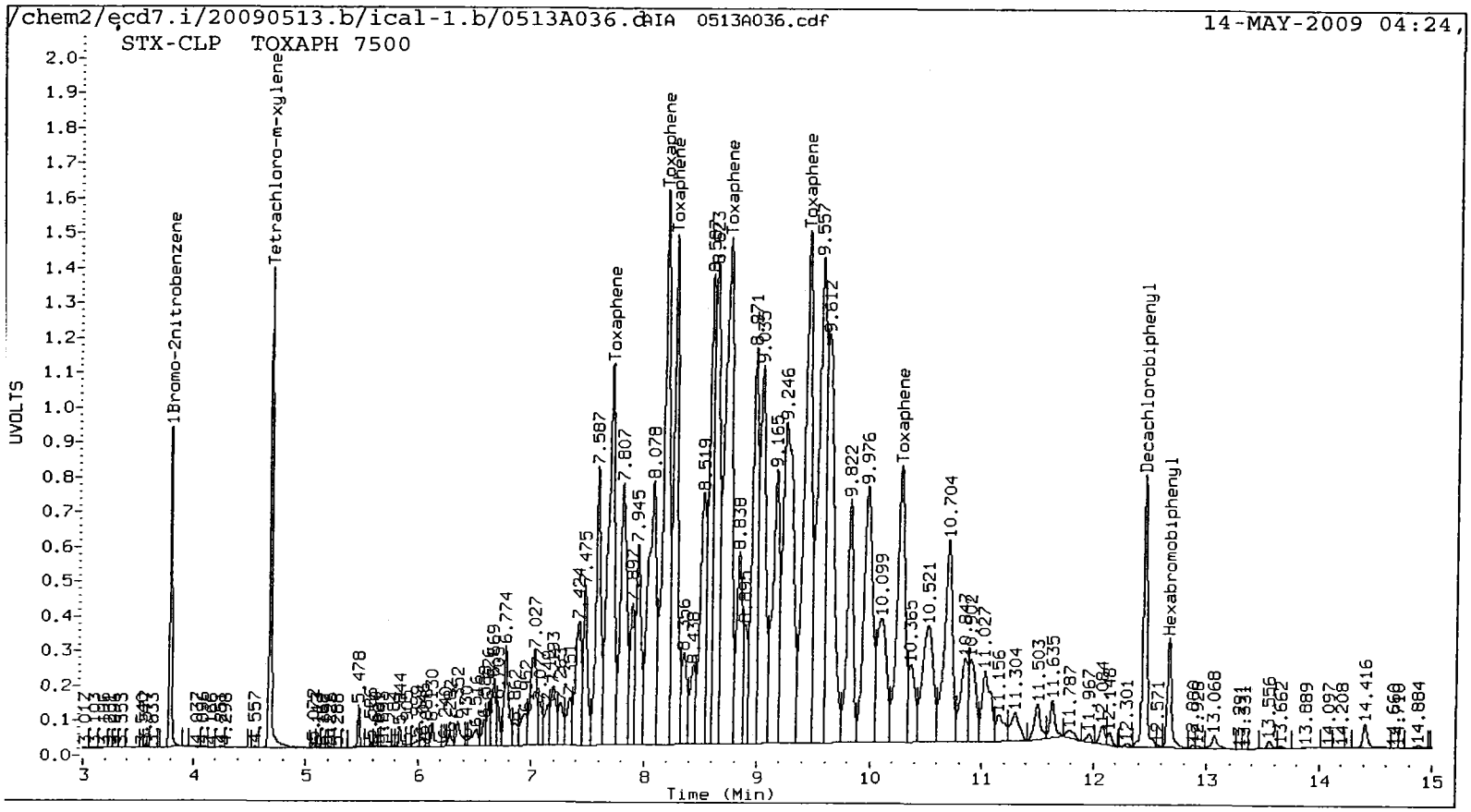
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2442392	-15.2
Hexabromobiphenyl	1666064	1670794	0.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	2882916	-9.7
Hexabromobiphenyl	1322411	1237903	-6.4

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

		STX-CLP Col					CLP2 Col			
Aroclor	Peak#	RT	Shift	Height	Amount	Peak#	RT	Shift	Height	Amount
Toxaphene	1	7.709	-0.001	9087405	7359.831	1	9.428	0.000	8551700	7205.770
Toxaphene	2	8.183	-0.002	12150817	7508.359	2	10.273	0.000	13013339	6193.620
Toxaphene	3	8.268	-0.002	9184181	7169.621	3	10.982	0.002	14698069	6119.640
Toxaphene	4	8.741	-0.001	14704568	7978.459	4	12.030	0.000	12176558	6718.799
Toxaphene	5	9.436	-0.002	14002817	7743.419	5	12.907	0.000	6007019	8418.328
Toxaphene	6	10.276	-0.002	8096708	7624.573	NS	---			----
Total STX-CLPAve (6 peaks): 7564.044						Total CLP2Ave (5 peaks): 6931.231				RPD = 9
Corrected Ave (6 peaks): 7564.044						Corrected Ave (5 peaks): 6931.231				RPD = 9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UVOLTS
Time (Min)
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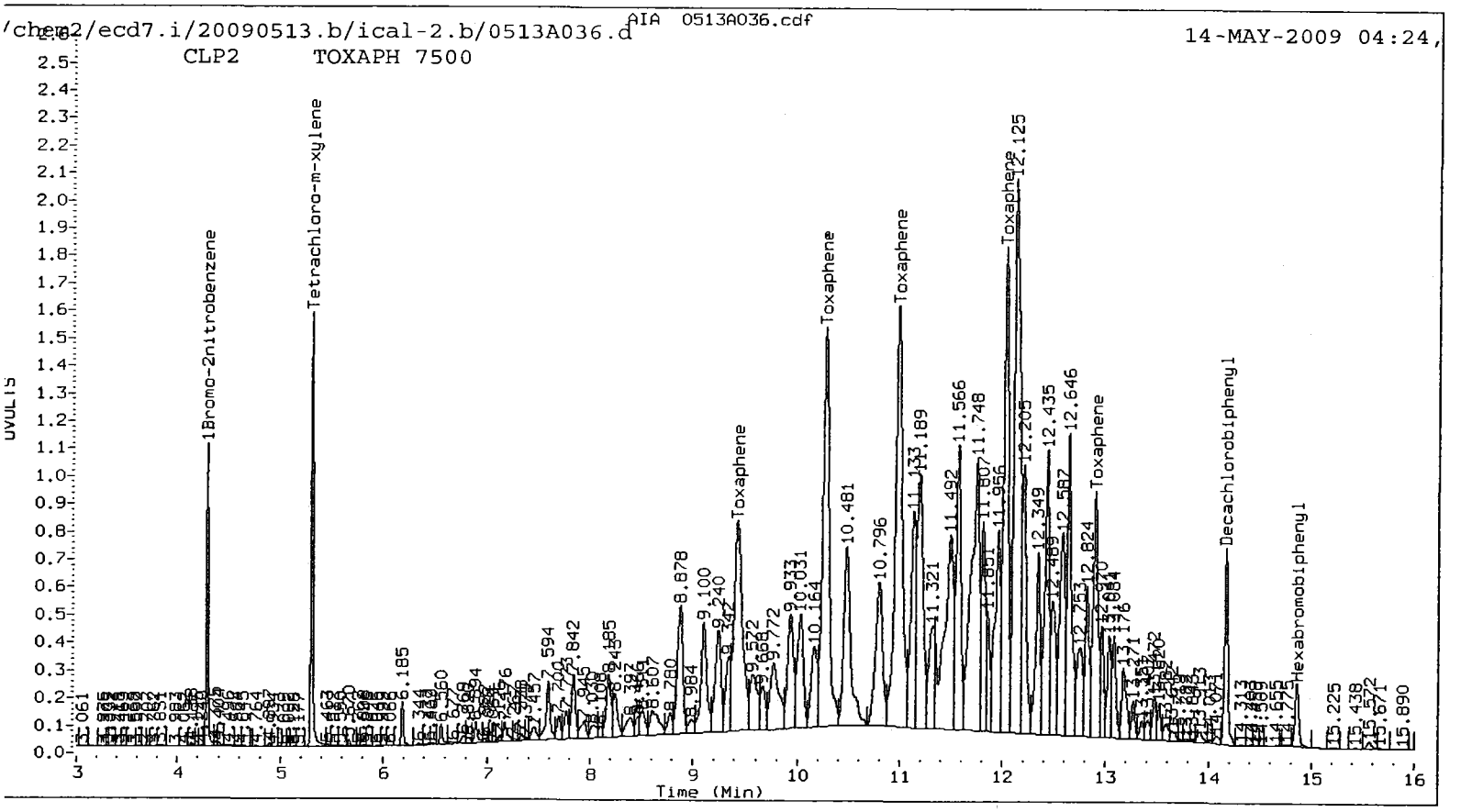
Tetrachloro-m-xylene
Toxaphene
Decachlorobiphenyl
Hexabromobiphenyl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14-MAY-2009 04:24,
CLP2 TOXAPH 7500
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Toxaphene
Decachlorobiphenyl
Hexabromobiphenyl

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A037.d ARI ID: TOXAPH 10000
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A037.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 14-MAY-2009 04:45
Compound Sublist: TOXAPH Report Date: 05/15/2009 17:59
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.796	0.000	2715974	4.289	0.000	3176006	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
12.664	-0.002	1927619	14.859	0.000	1375113	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.686	0.000	5248943	5.306	0.000	5678139	169.9608	142.0269	17.9	Tetrachloro-m-xylene A
12.450	-0.001	5129789	14.161	-0.002	4367400	146.7752	146.0526	0.5	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	424.9	355.1	355.1~	150- 0
Decachlorobiphenyl	366.9	365.1	365.1~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

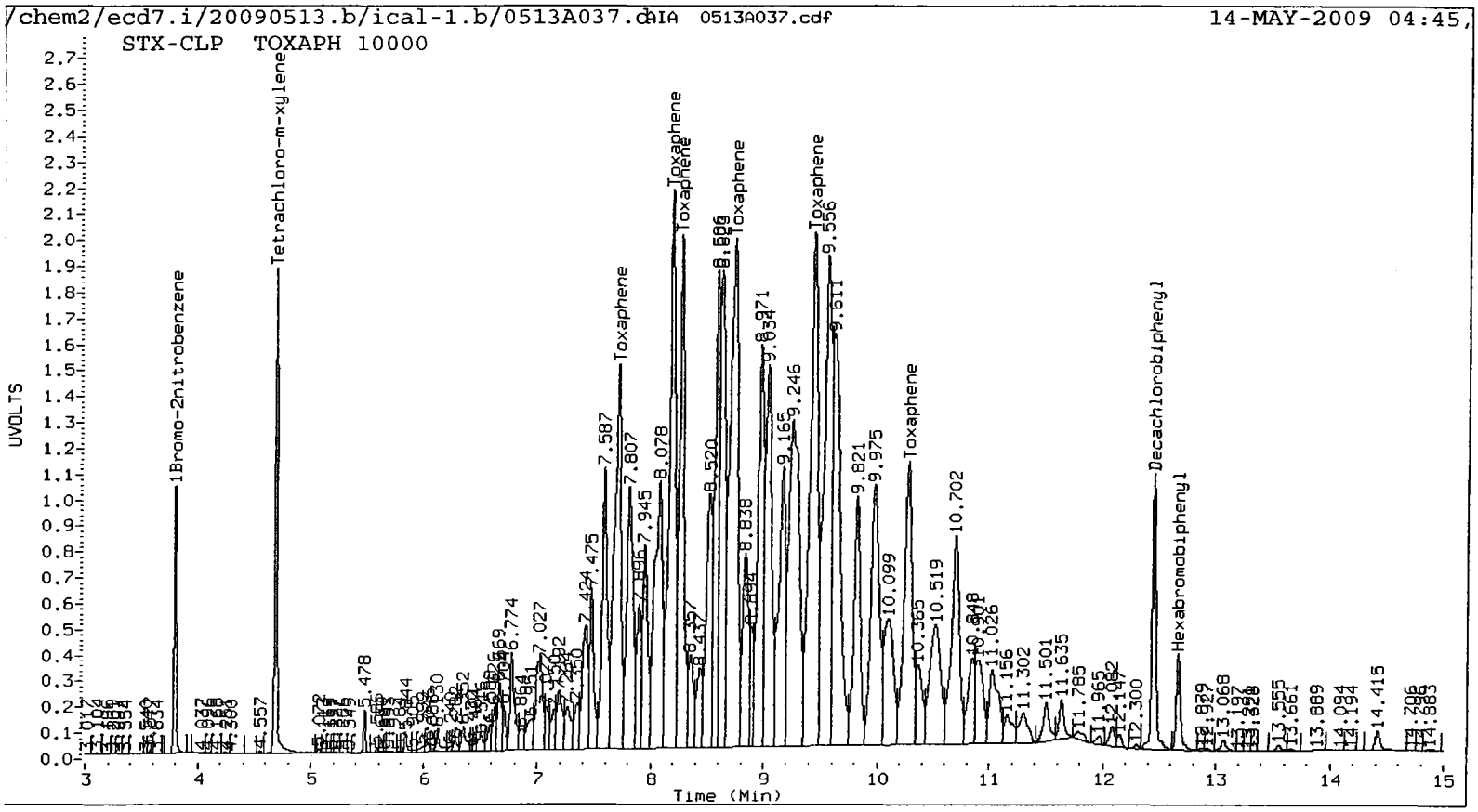
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2715974	-5.7
Hexabromobiphenyl	1666064	1927619	15.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3176006	-0.5
Hexabromobiphenyl	1322411	1375113	4.0

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

	STX-CLP Col					CLP2 Col				
Aroclor	Peak#	RT	Shift	Height	Amount	Peak#	RT	Shift	Height	Amount
Toxaphene	1	7.709	-0.001	12320466	8648.819	1	9.428	0.000	11263371	8543.672
Toxaphene	2	8.183	-0.002	16503242	8839.150	2	10.272	0.000	17077279	7316.826
Toxaphene	3	8.268	-0.002	12372373	8371.639	3	10.980	0.000	19251134	7215.561
Toxaphene	4	8.740	-0.001	20022621	9416.498	4	12.029	0.000	16111265	8002.855
Toxaphene	5	9.435	-0.003	19063119	9137.197	5	12.907	0.000	8136130	10264.385
Toxaphene	6	10.274	-0.004	11079396	9043.257	NS	---			----
Total STX-CLPAve (6 peaks): 8909.427						Total CLP2Ave (5 peaks): 8268.660				RPD = 7
Corrected Ave (6 peaks): 8909.427						Corrected Ave (5 peaks): 8268.660				RPD = 7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UVOLTS
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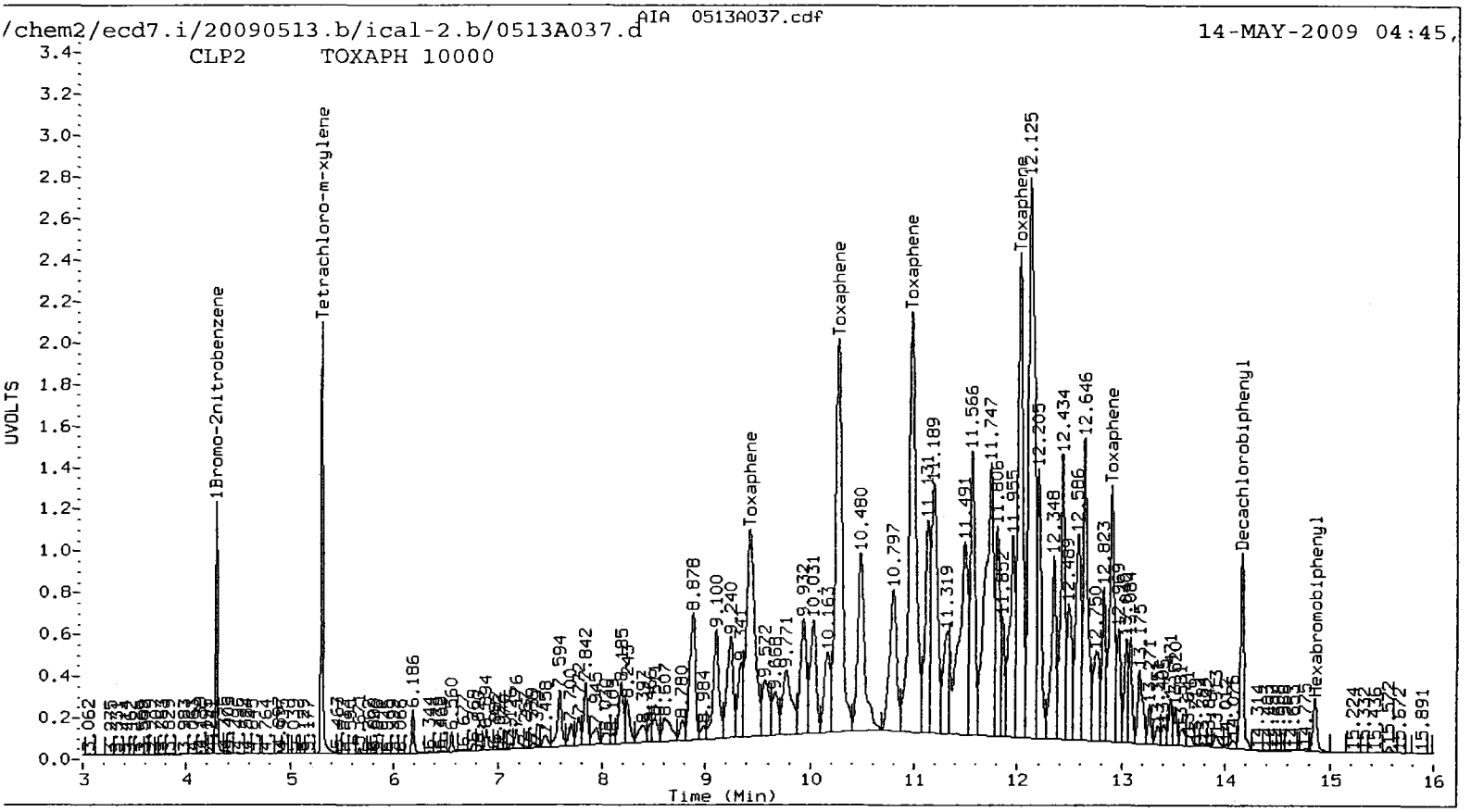
Tetrachloro-m-xylene
Toxaphene
Decachlorobiphenyl
Hexabromobiphenyl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14-MAY-2009 04:45,
CLP2 TOXAPH 10000
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Toxaphene
Decachlorobiphenyl
Hexabromobiphenyl

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A014.d ARI ID: IB
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A014.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 13-MAY-2009 20:49
Compound Sublist: wpest Report Date: 05/15/2009 18:04
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col RT	Shift	Response	CLP2 Col RT	Shift	Response	STX-CLP on col	CLP2 on col	RPD	Compound/Flag
3.795	0.000	2801141	4.288	-0.001	3305021	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
----			----			0.0000	0.0000	---	alpha-BHC
5.574	-0.025	3558	6.308	-0.006	7632	0.1833	0.3375	59.2*	beta-BHC A B
5.761	0.014	6214	----			0.1645	0.0000	---	delta-BHC
----			6.239	-0.002	5452	0.0000	0.0982	---	gamma-BHC (Lindane)
5.957	0.037	7833	----			0.1871	0.0000	---	Heptachlor
6.151	-0.033	4073	7.073	-0.002	2732	0.1085	0.0510	72.1*	Aldrin A B
6.787	0.026	73016	7.774	-0.031	95538	1.7537	2.1016	18.0	Heptachlor epoxide b A B
----			----			0.0000	0.0000	---	Endosulfan I
7.464	-0.006	5516	----			0.1482	0.0000	---	Dieldrin
7.100	-0.018	17296	----			0.5835	0.0000	---	4,4'-DDE
7.728	-0.045	11032	9.568	0.002	7431	0.3258	0.1603	68.1*	Endrin A B
8.103	0.008	4831	----			0.1576	0.0000	---	Endosulfan II
7.873	0.004	7087	----			0.2306	0.0000	---	4,4'-DDD
----			----			0.0000	0.0000	---	Endosulfan sulfate
8.332	0.048	14603	----			0.4929	0.0000	---	4,4'-DDT
----			12.140	0.008	2350	0.0000	0.1413	---	Methoxychlor
----			----			0.0000	0.0000	---	Endrin ketone
8.792	0.000	5176	----			0.2005	0.0000	---	Endrin aldehyde
----			----			0.0000	0.0000	---	gamma-Chlordane
7.040	0.010	8674	8.356	0.037	32680	0.2473	0.6497	89.7*	alpha-Chlordane A B
2.462	-0.001	8186	2.984	-0.002	4888	0.1410	0.0663	72.1*	Hexachlorobutadiene A B
5.072	0.002	11517	5.808	0.042	10748	0.3042	0.2052	38.9	Hexachlorobenzene A B
6.661	0.003	31427	7.661	-0.015	3403	0.9656	0.0822	168.6*	Oxychlordane A B
----			----			0.0000	0.0000	---	2,4-DDE
----			----			0.0000	0.0000	---	trans-Nonachlor
7.313	-0.003	8936	----			0.3937	0.0000	---	2,4-DDD
7.606	-0.021	10162	----			0.4260	0.0000	---	2,4-DDT
----			9.705	-0.034	1378	0.0000	0.0262	---	cis-Nonachlor
----			----			0.0000	0.0000	---	Mirex
12.663	-0.003	1695721	14.858	-0.001	1367682	80.0000	80.0000	0.0	Hexabromobiphenyl A B
1.698	0.042	110	2.169	0.024	1014	0.0514	0.0102	133.9*	Hexachloroethane B
4.686	0.000	1214830	5.305	-0.001	1488910	38.1402	35.7882	6.4	Tetrachloro-m-xylene A B
12.450	-0.001	1127341	14.160	-0.003	1069186	36.6670	35.9495	2.0	Decachlorobiphenyl A B

: Indicates RPD > 40%
a Indicates Peak Area was used for Column 1 quantitation instead of Height
b Indicates Peak Area was used for Column 2 quantitation instead of Height
I Indicates Column 1 peak was manually integrated
I Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	95.4	89.5	89.5~	150- 0

PB06:00782

Decachlorobiphenyl	91.7	89.9	89.9~	150-	0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2801141	-2.8
Hexabromobiphenyl	1666064	1695721	1.8

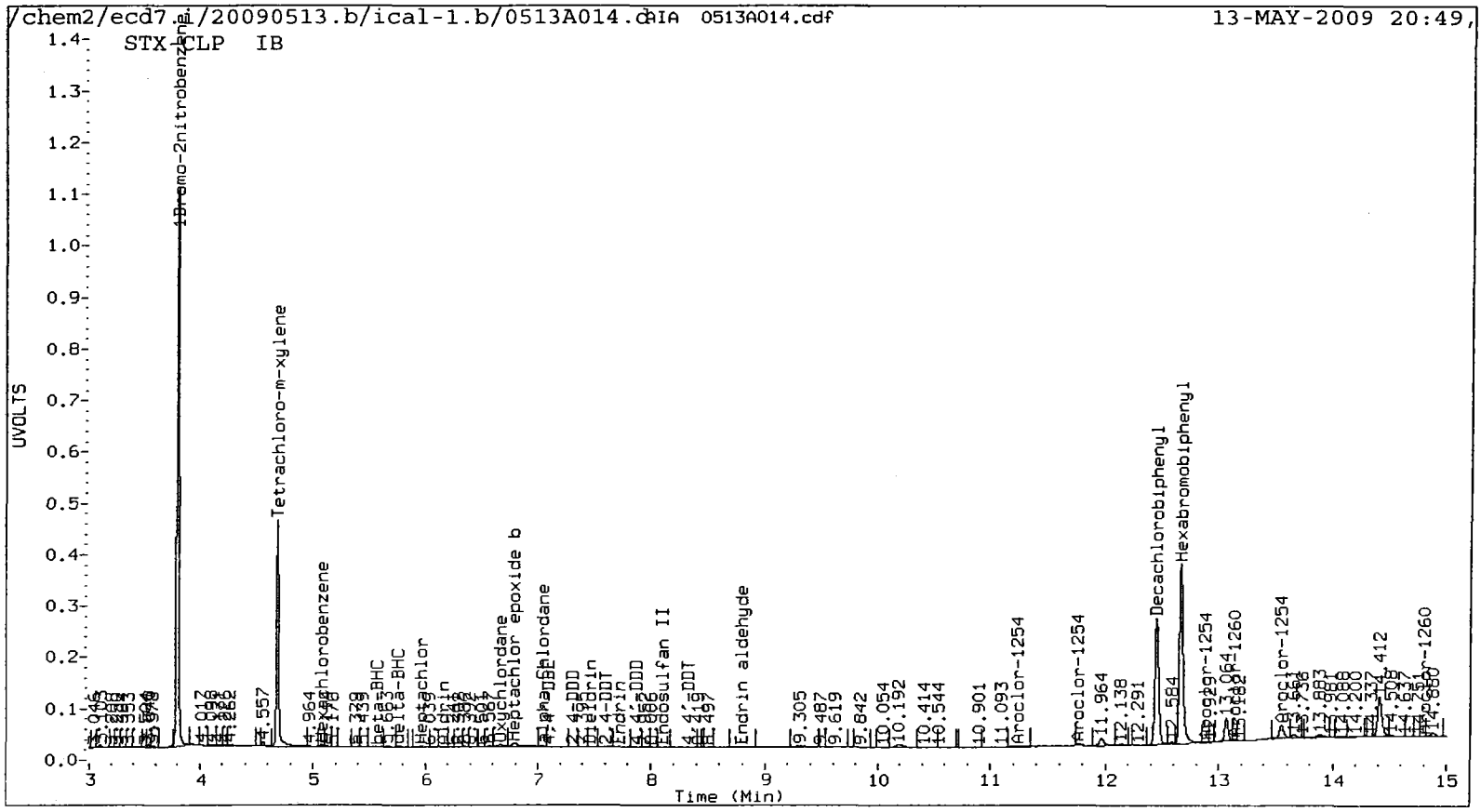
Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3305021	3.5
Hexabromobiphenyl	1322411	1367682	3.4

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	STX-CLP Col RT	Shift	Height	Amount	Peak#	CLP2 Col RT	Shift	Height	Amount
Toxaphene	1	---			0.000	1	---			0.000
Toxaphene	2	---			0.000	2	---			0.000
Toxaphene	3	---			0.000	3	---			0.000
Toxaphene	4	---			0.000	4	---			0.000
Toxaphene	5	---			0.000	5	---			0.000
Toxaphene	6	---			0.000	NS	---			----
		STX-CLPAve: <3 Quant Peaks					CLP2Ave: <3 Quant Peaks			
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
Aroclor-1016	5	---			0.000	5	---			0.000
		STX-CLPAve: <3 Quant Peaks					CLP2Ave: <3 Quant Peaks			
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
Aroclor-1221	4	---			0.000	4	---			0.000
		STX-CLPAve: <3 Quant Peaks					CLP2Ave: <3 Quant Peaks			
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
Aroclor-1232	5	---			0.000	5	---			0.000
		STX-CLPAve: <3 Quant Peaks					CLP2Ave: <3 Quant Peaks			
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	5	---			0.000	5	---			0.000
Aroclor-1242	6	---			0.000	NS	---			----
		STX-CLPAve: <3 Quant Peaks					CLP2Ave: <3 Quant Peaks			
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000

Aroclor-1248 3	---	0.000	3	---	0.000
Aroclor-1248 4	---	0.000	4	---	0.000
Aroclor-1248 5	---	0.000	5	---	0.000
STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1254 1	---	0.000	1	---	0.000
Aroclor-1254 2	---	0.000	2	---	0.000
Aroclor-1254 3	---	0.000	3	---	0.000
Aroclor-1254 4	---	0.000	4	---	0.000
Aroclor-1254 5	---	0.000	5	---	0.000
STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1260 1	---	0.000	1	---	0.000
Aroclor-1260 2	---	0.000	2	---	0.000
Aroclor-1260 3	---	0.000	3	---	0.000
Aroclor-1260 4	---	0.000	4	---	0.000
Aroclor-1260 5	---	0.000	5	---	0.000
STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1262 1	---	0.000	1	---	0.000
Aroclor-1262 2	---	0.000	2	---	0.000
Aroclor-1262 3	---	0.000	3	---	0.000
Aroclor-1262 4	---	0.000	4	---	0.000
Aroclor-1262 5	---	0.000	5	---	0.000
STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1268 1	---	0.000	1	---	0.000
Aroclor-1268 2	---	0.000	2	---	0.000
Aroclor-1268 3	---	0.000	3	---	0.000
Aroclor-1268 4	---	0.000	4	---	0.000
Aroclor-1268 5	---	0.000	5	---	0.000
STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		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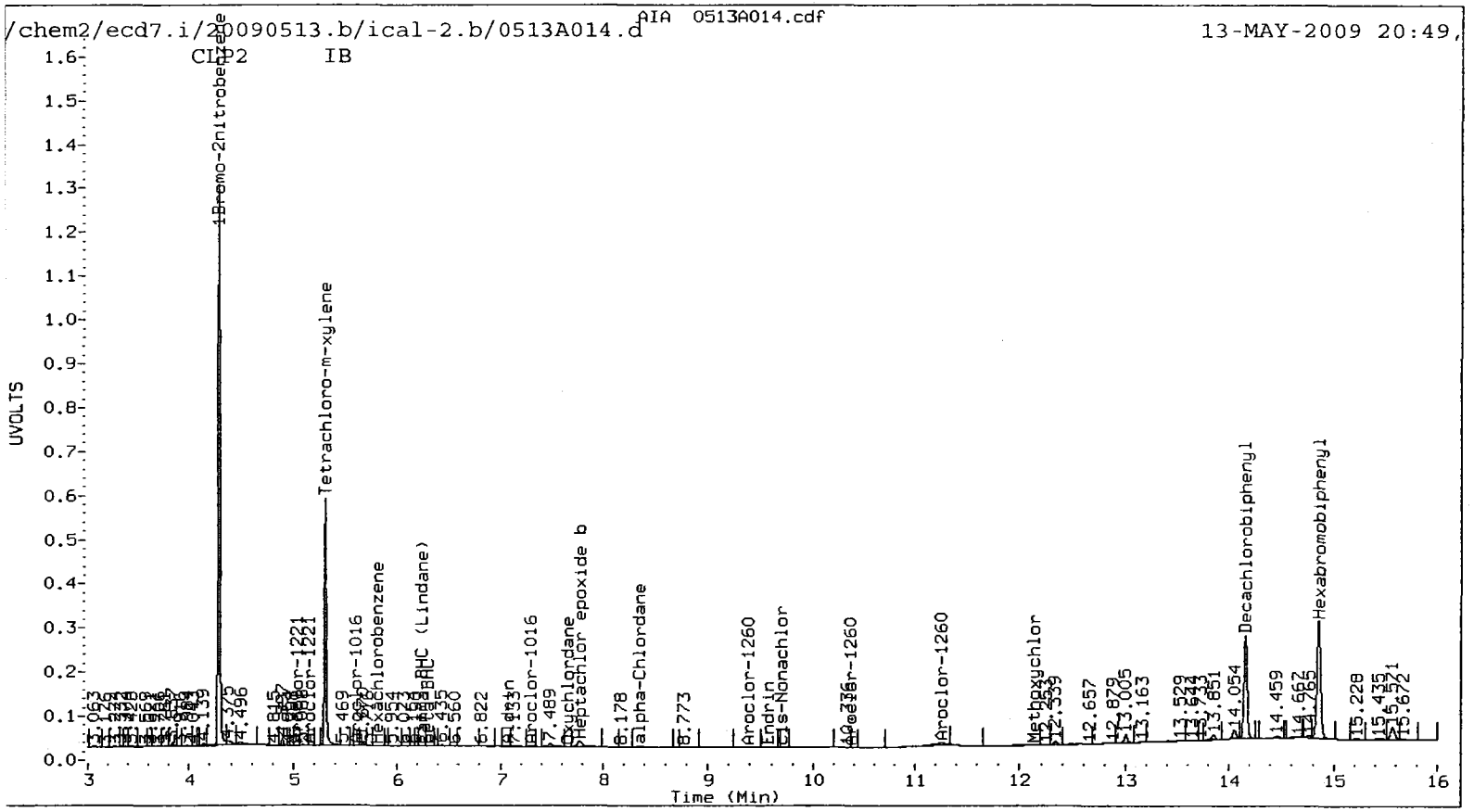
STX-CLP IB
UVOLTS
Time (Min)
4Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
beta-BHC
delta-BHC
Heptachlor
Aldrin
Oxychlordane
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
4,4-DDE
Dieldrin
4,4-DDT
Endrin
Endosulfan II
4,4-DDD
Endosulfan sulfate
Endrin aldehyde
Aroclor-1254
Decachlorobiphenyl
Hexabromobiphenyl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CLP2 IB
UVOLTS
Time (Min)
4Bromo-2nitrobenzene
Tetrachloro-m-xylene
Aroclor-1016
Hexachlorobenzene
gamma-BHC (Lindane)
Heptachlor
Aroclor-1016
Oxychlordane
Heptachlor epoxide b
alpha-Chlordane
Aroclor-1260
Endrin
cis-Nonachlor
Aroclor-1260
Aroclor-1260
Methoxychlor
Decachlorobiphenyl
Hexabromobiphenyl

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A022.d ARI ID: INDA ICV
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A022.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m
Compound Sublist: INDA
Instrument, Inj. Vol.: ecd7.i, 1ul
Operator: ar
Injection Date: 13-MAY-2009 23:35
Report Date: 05/15/2009 18:04
Matrix: NONE
Dilution Factor: 1.000

STX-CLP Col RT	Shift	Response	CLP2 Col RT	Shift	Response	STX-CLP on col	CLP2 on col	RPD	Compound/Flag
3.796	0.001	2689230	4.289	0.001	3183985	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.235	0.001	849517	5.899	0.001	1098742	20.1176	18.3290	9.3	alpha-BHC A B
5.600	0.001	351736	6.315	0.002	469768	18.8745	21.5650	13.3	beta-BHC A B
5.749	0.001	746237	6.621	0.001	998592	20.5773	19.3322	6.2	delta-BHC A B
5.517	0.001	757879	6.242	0.001	1002269	20.0212	18.7448	6.6	gamma-BHC (Lindane) A B
5.922	0.001	775009	6.703	0.000	999385	19.2788	18.2170	5.7	Heptachlor A B
6.186	0.001	708669	7.076	0.001	945926	19.6536	18.3177	7.0	Aldrin A B
6.762	0.001	671893	7.807	0.001	910526	16.8091	20.7903	21.2	Heptachlor epoxide b A B
7.187	0.001	769604	8.431	0.001	848021	19.4476	17.5653	10.2	Endosulfan I A B
7.471	0.001	1467924	8.926	0.001	1888515	41.0717	38.7440	5.8	Dieldrin A B
7.120	0.002	1162168	8.577	0.004	1821214	40.8377	39.0139	4.6	4,4'-DDE A B
7.775	0.001	1331718	9.567	0.002	1701744	40.1618	37.5991	6.6	Endrin A B
8.097	0.001	1106697	10.063	0.003	1520020	36.8650	35.1743	4.7	Endosulfan II A B
7.872	0.003	1130296	9.790	0.006	1585129	37.5520	37.8728	0.9	4,4'-DDD A B
9.684	0.002	1114927	11.585	0.002	1442415	38.0111	37.4961	1.4	Endosulfan sulfate A B
8.286	0.002	1089819	10.628	0.005	1346412	37.5580	37.0323	1.4	4,4'-DDT A B
9.184	0.003	3199549	12.133	0.001	3025693	195.3257	186.3058	4.7	Methoxychlor A B
10.344	0.003	1401650	12.497	0.001	1605437	38.0165	37.3145	1.9	Endrin ketone A B
8.794	0.002	972703	10.964	0.002	1212510	38.4656	35.9779	6.7	Endrin aldehyde A B
6.889	0.001	678447	8.088	0.001	917065	18.9481	18.5897	1.9	gamma-Chlordane A B
7.031	0.001	669331	8.321	0.002	910350	19.8743	18.7861	5.6	alpha-Chlordane A B
2.464	0.001	1033291	2.985	0.000	1250284	18.5316	17.5934	5.2	Hexachlorobutadiene A B
5.071	0.001	659557	5.767	0.001	863918	18.1434	17.1169	5.8	Hexachlorobenzene A B
12.666	0.000	1660644	14.861	0.002	1335677	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.687	0.001	570011	5.306	0.000	761886	18.6405	19.0092	2.0	Tetrachloro-m-xylene A B
12.453	0.002	570279	14.164	0.001	557369	18.9402	19.1896	1.3	Decachlorobiphenyl A B

Indicates RPD > 40%
Indicates Peak Area was used for Column 1 quantitation instead of Height
Indicates Peak Area was used for Column 2 quantitation instead of Height
Indicates Column 1 peak was manually integrated
Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	46.6	47.5	46.6~	150- 0
Decachlorobiphenyl	47.4	48.0	47.4~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

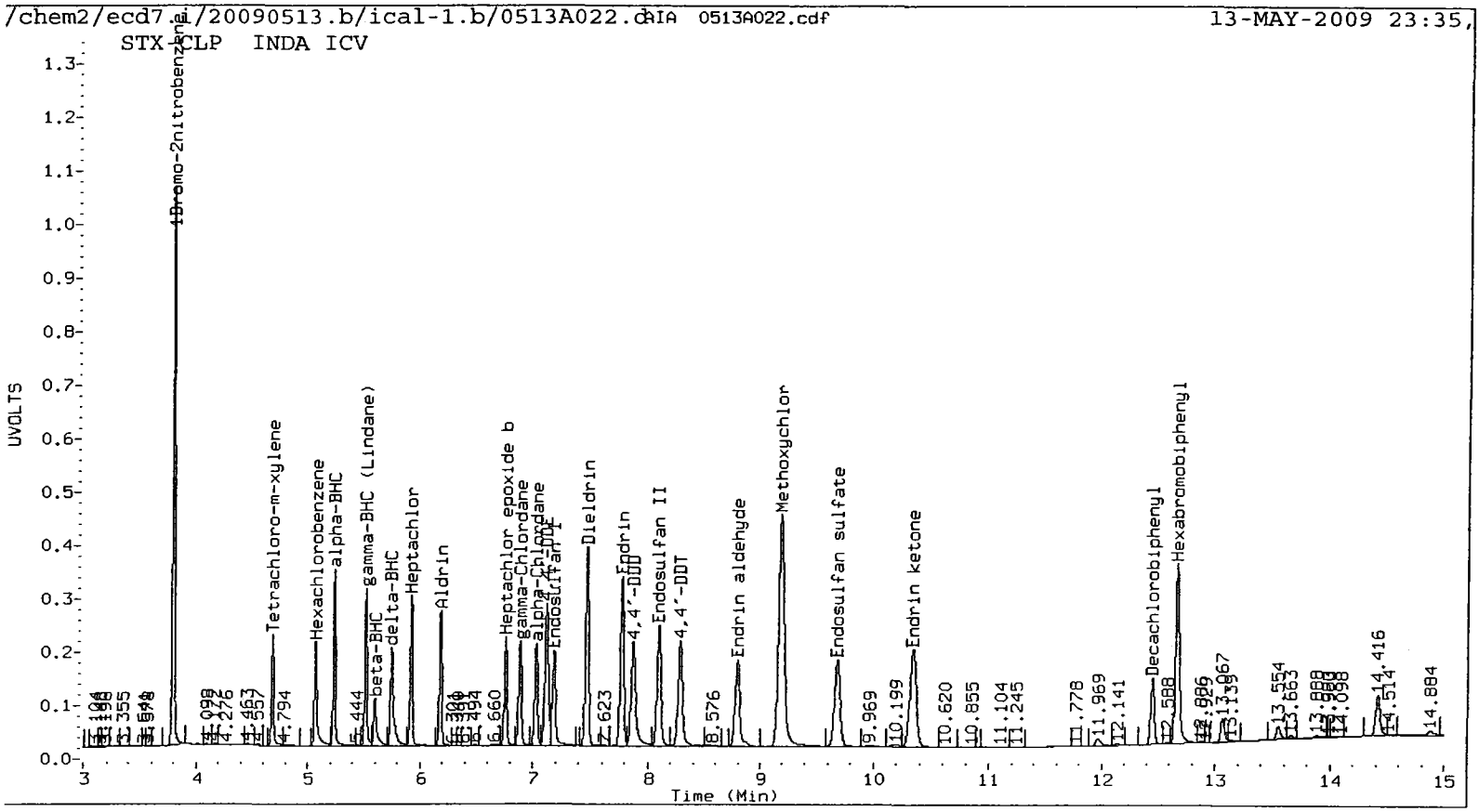
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2689230	-6.6
Hexabromobiphenyl	1666064	1660644	-0.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3183985	-0.3
Hexabromobiphenyl	1322411	1335677	1.0

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

	STX-CLP Col					CLP2 Col				
Aroclor	Peak#	RT	Shift	Height	Amount	Peak#	RT	Shift	Height	Amount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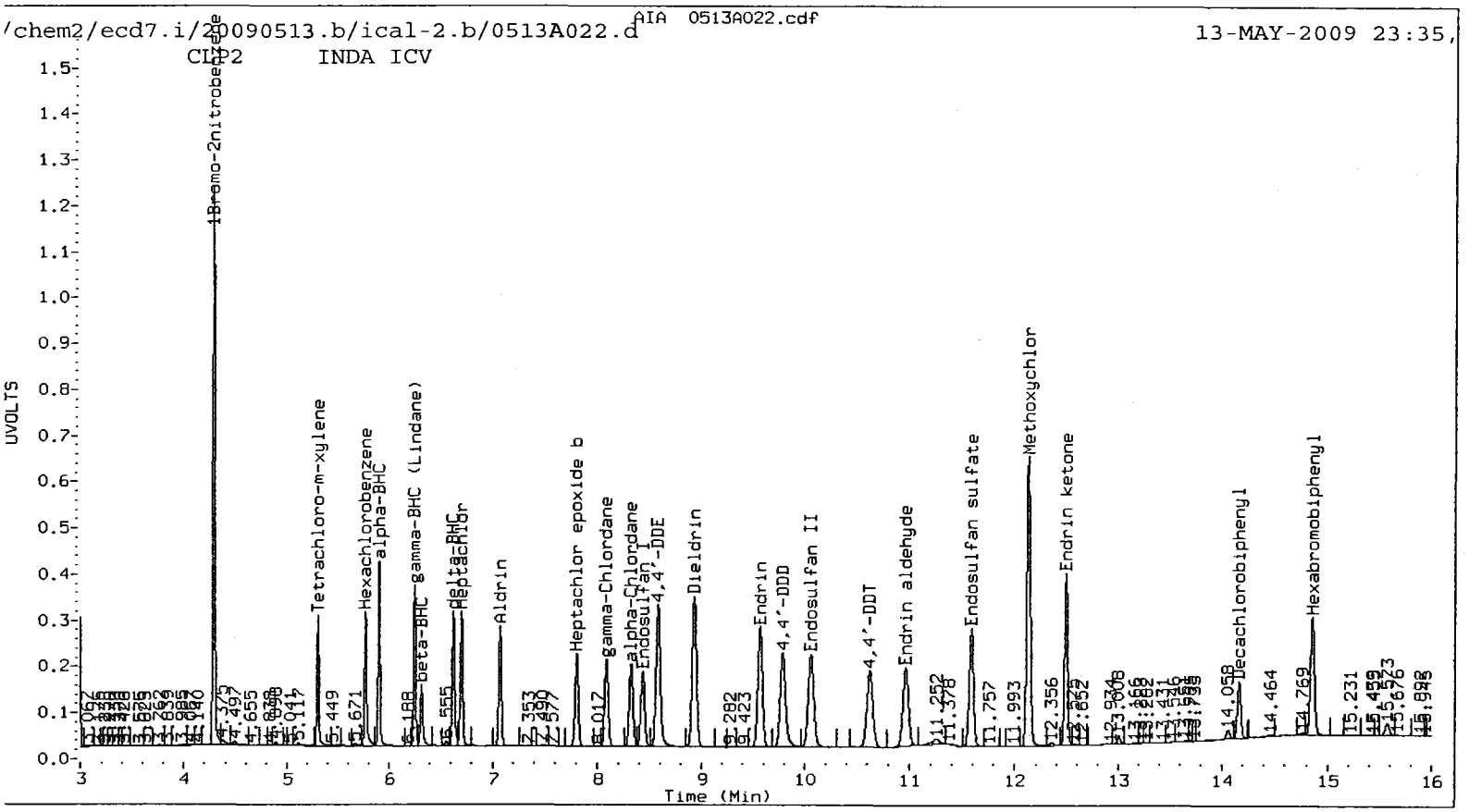
AIA 0513A022.cdf
13-MAY-2009 23:35,
STX-CLP INDA ICV
UVOLTS
Time (Min)
tBromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
Dieldrin
4,4'-DDD
Endrin
Endosulfan II
4,4'-DDT
Endrin aldehyde
Methoxychlor
Endosulfan sulfate
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl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13-MAY-2009 23:35,
CLP2 INDA ICV
UVOLTS
Time (Min)
tBromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Endosulfan sulfate
Methoxychlor
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A031.d ARI ID: WND ICV
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A031.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 14-MAY-2009 02:41
Compound Sublist: WND Report Date: 05/15/2009 18:04
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col RT	Shift	Response	CLP2 Col RT	Shift	Response	STX-CLP on col	CLP2 on col	RPD	Compound/Flag
1.706	0.050	74	2.108	-0.037	9765	0.0314	0.0905 NS	97.0*	Hexachloroethane B
3.796	0.000	3104370	4.289	0.000	3578847	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
6.659	0.001	1138529	7.677	0.001	1373830	30.8778	30.6460	0.8	Oxychlordane A B
6.748	-0.002	838353	8.061	0.001	1065910	29.9363	30.7346	2.6	2,4-DDE A B
7.010	0.000	1349140	8.230	0.001	1638451	32.4143	31.0722	4.2	trans-Nonachlor A B
7.314	-0.002	725416	8.962	0.002	1018870	28.2076	29.0925 ✓	3.1	2,4-DDD A B
7.626	-0.001	855113	9.625	0.002	1046580	31.6429	30.0578	5.1	2,4-DDT A B
7.816	0.001	1424550	9.741	0.002	1796485	32.2366	30.5479	5.4	cis-Nonachlor A B
9.410	0.002	953869	12.437	0.001	1041576	29.6311	36.0917	19.7	Mirex A B
12.665	-0.001	1921133	14.860	0.001	1526922	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.687	0.001	588865	5.306	0.000	759666	16.6819	16.8626	1.1	Tetrachloro-m-xylene A B
12.452	0.001	1158968	14.162	-0.001	1109768	33.2727	33.4226	0.4	Decachlorobiphenyl A B

70.5 to 90.2%

* Indicates RPD > 40%
\ Indicates Peak Area was used for Column 1 quantitation instead of Height
3 Indicates Peak Area was used for Column 2 quantitation instead of Height
1 Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	~~41.7~~ 83.4	~~42.2~~ 84.4 ✓	41.7~	150- 0
Decachlorobiphenyl	83.2	83.6	83.2~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

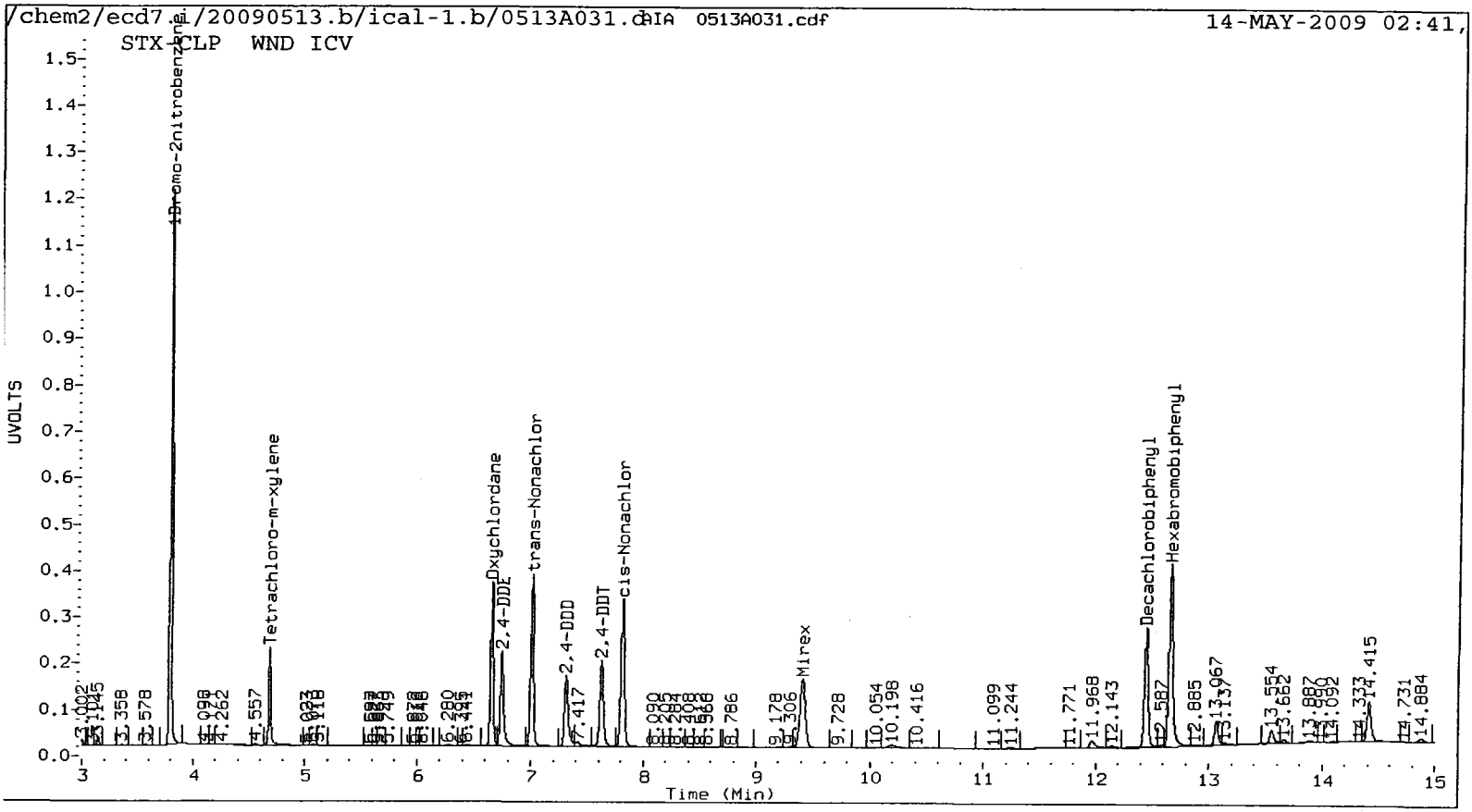
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	3104370	7.8
Hexabromobiphenyl	1666064	1921133	15.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3578847	12.1
Hexabromobiphenyl	1322411	1526922	15.5

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	STX-CLP Col Peak#	RT	Shift	Height	Amount	CLP2 Col Peak#	RT	Shift	Height	Amount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UVOLTS
Time (Min)
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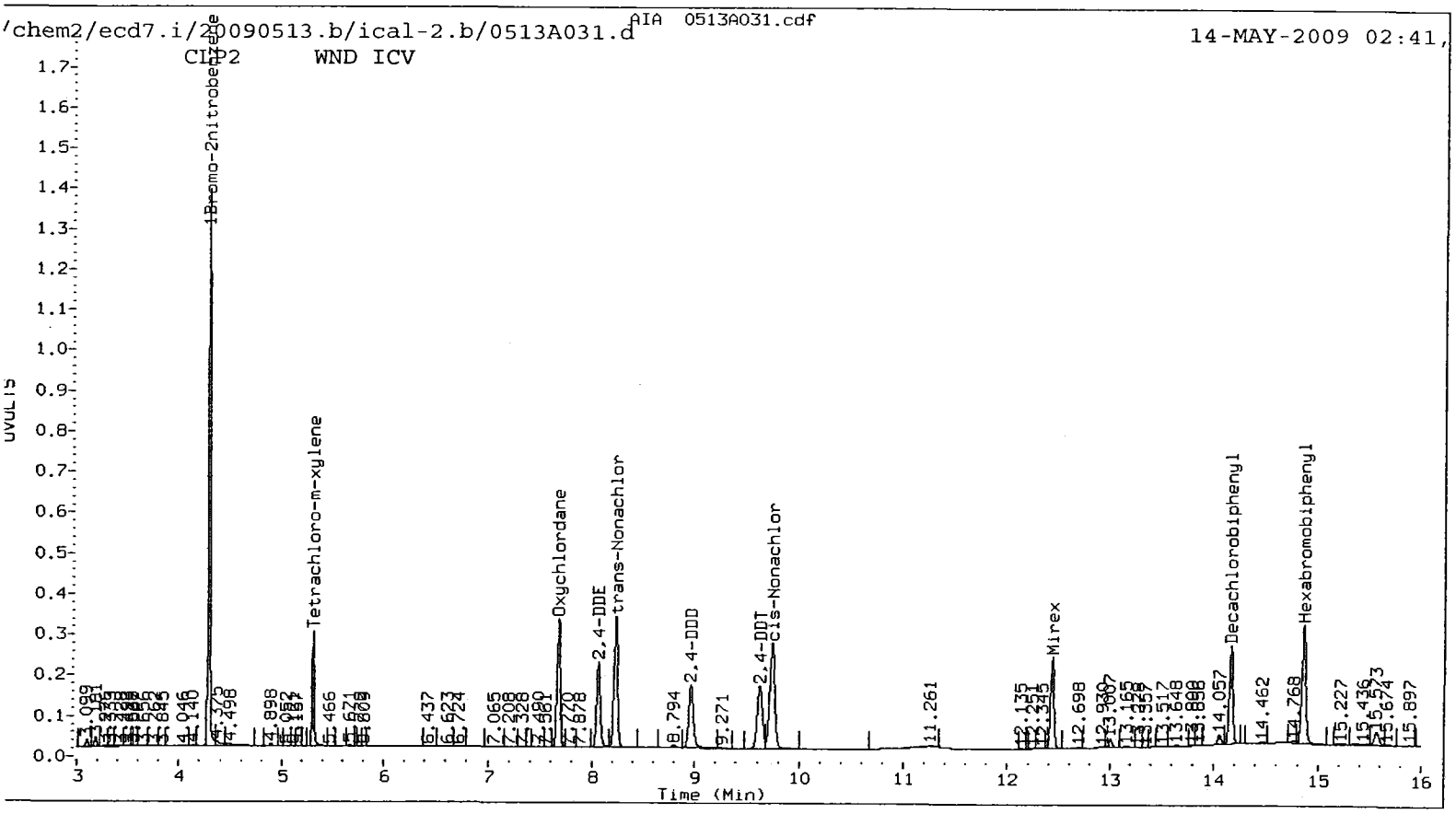
Tetrachloro-m-xylene
Oxychlordane
2,4-DDE
trans-Nonachlor
2,4-DDD
2,4-DDT
cis-Nonachlor
Mirex
Decachlorobiphenyl
Hexabromobiphenyl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CLP2 WND ICV
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Oxychlordane
2,4-DDE
trans-Nonachlor
2,4-DDD
2,4-DDT
cis-Nonachlor
Mirex
Decachlorobiphenyl
Hexabromobiphenyl

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/ical-1.b/0513A038.d ARI ID: TOXAPH SPQ
Data file 2: /chem2/ecd7.i/20090513.b/ical-2.b/0513A038.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m
Compound Sublist: TOXAPH
Instrument, Inj. Vol.: ecd7.i, 1ul
Operator: ar

Injection Date: 14-MAY-2009 05:05
Report Date: 05/15/2009 18:04
Matrix: NONE
Dilution Factor: 1.000

STX-CLP Col RT	Shift	Response	CLP2 Col RT	Shift	Response	STX-CLP on col	CLP2 on col	RPD	Compound/Flag
3.795	0.000	2711358	4.288	0.000	3205185	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
12.666	0.000	1699097	14.859	0.000	1381687	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.686	0.000	1348497	5.305	-0.001	1649038	43.7387	40.8718	6.8	Tetrachloro-m-xylene A B
12.451	0.000	1274448	14.161	-0.002	1224418	41.3693	40.7516	1.5	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	109.3	102.2	102.2~	150- 0
Decachlorobiphenyl	103.4	101.9	101.9~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2711358	-5.9
Hexabromobiphenyl	1666064	1699097	2.0

Column 2

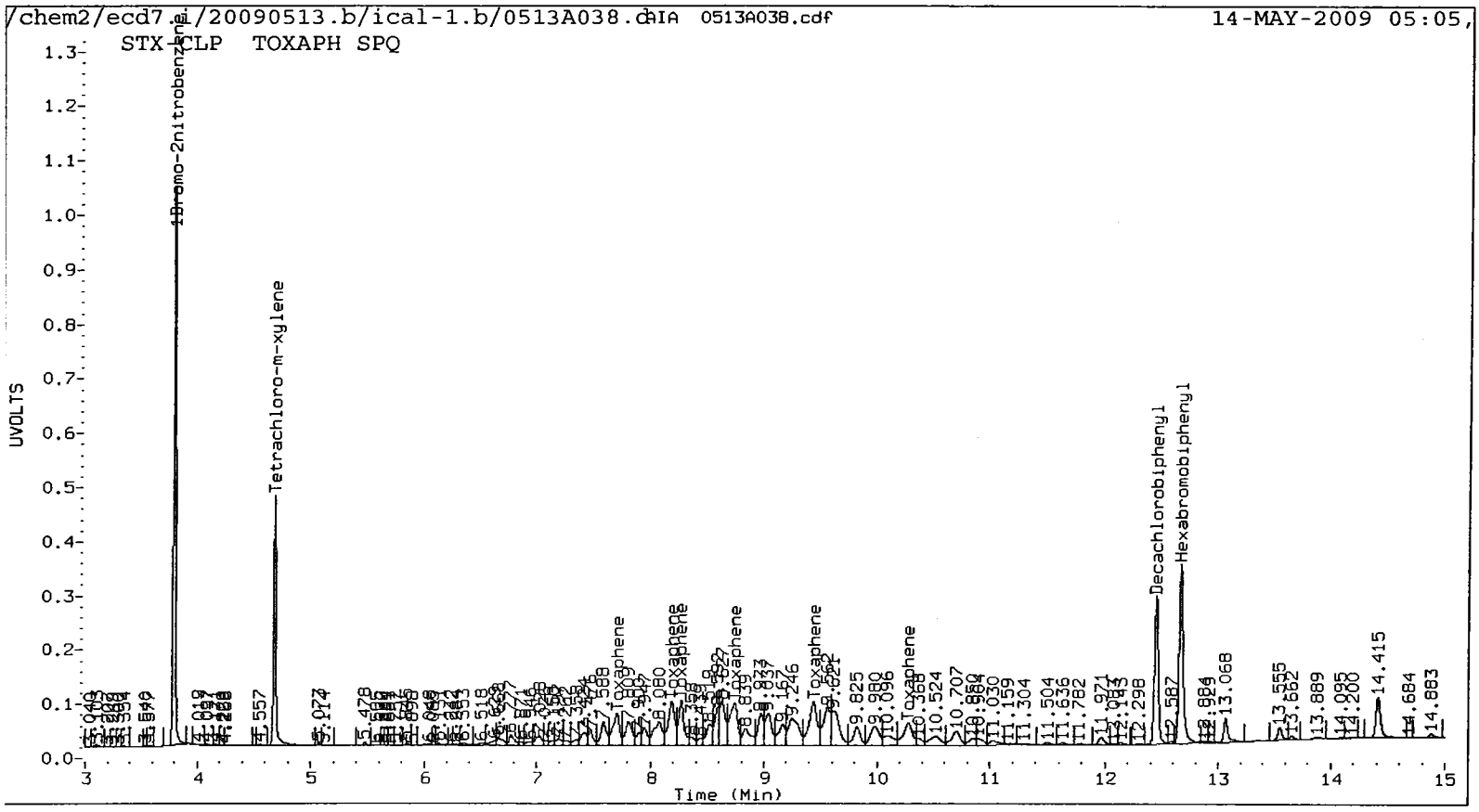
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3205185	0.4
Hexabromobiphenyl	1322411	1381687	4.5

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

	STX-CLP Col					CLP2 Col				
Aroclor	Peak#	RT	Shift	Height	Amount	Peak#	RT	Shift	Height	Amount
Toxaphene	1	7.710	0.001	520544	414.563	1	9.427	-0.001	650138	490.807
Toxaphene	2	8.185	0.001	660623	401.419	2	10.275	0.002	1000853	426.779
Toxaphene	3	8.270	0.000	540189	414.674	3	10.983	0.003	916623	341.927
Toxaphene	4	8.742	0.001	789160	421.053	4	12.030	0.000	788320	389.715
Toxaphene	5	9.438	0.000	773464	420.593	5	12.907	0.000	335845	421.680
Toxaphene	6	10.279	0.001	462510	428.286	NS	---			----

Total STX-CLPAve (6 peaks): 416.765 Total CLP2Ave (5 peaks): 414.181 RPD = 1
Corrected Ave (6 peaks): 416.765 Corrected Ave (5 peaks): 414.181 RPD = 1

83.3% 82.8%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UVOLTS
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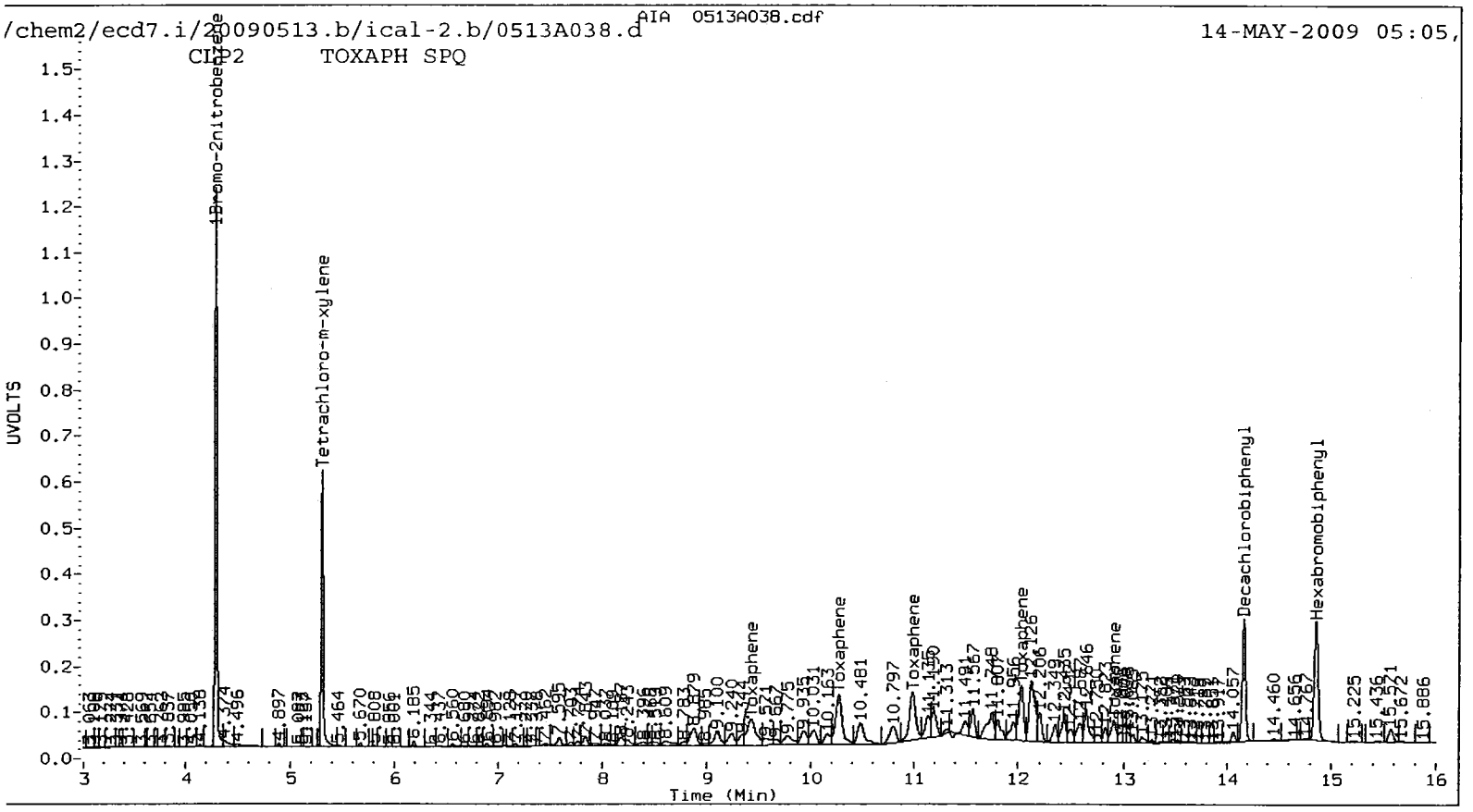
Tetrachloro-m-xylene
Toxaphene
Decachlorobiphenyl
Hexabromobiphenyl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CLP2 TOXAPH SPQ
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Toxaphene
Decachlorobiphenyl
Hexabromobiphenyl

7E

8081 DDT/ENDRIN BREAKDOWN VERIFICATION SUMMARY

AR 6/12/09

Lab ID: DS ARI Job No.: 20090513

Analysis Date: 11-JUN-2009 19:21 Init. Calib. Date: 13-MAY-2009

GC Column: STX-CLP1 ID: 0.53(mm)

COMPOUND	RT	AREA
4,4'-DDE	7.124	52545
Endrin	7.775	2591470
4,4'-DDD	7.875	169793
4,4'-DDT	8.287	2245136
Endrin ketone	10.346	192861
Endrin aldehyde	8.802	68265

DDT Percent Breakdown = 9.0 %
((52545+169793) * 100)/(52545+169793+2245136)

Endrin Percent Breakdown = 9.2 %
((68265+192861) * 100)/(68265+192861+2591470)

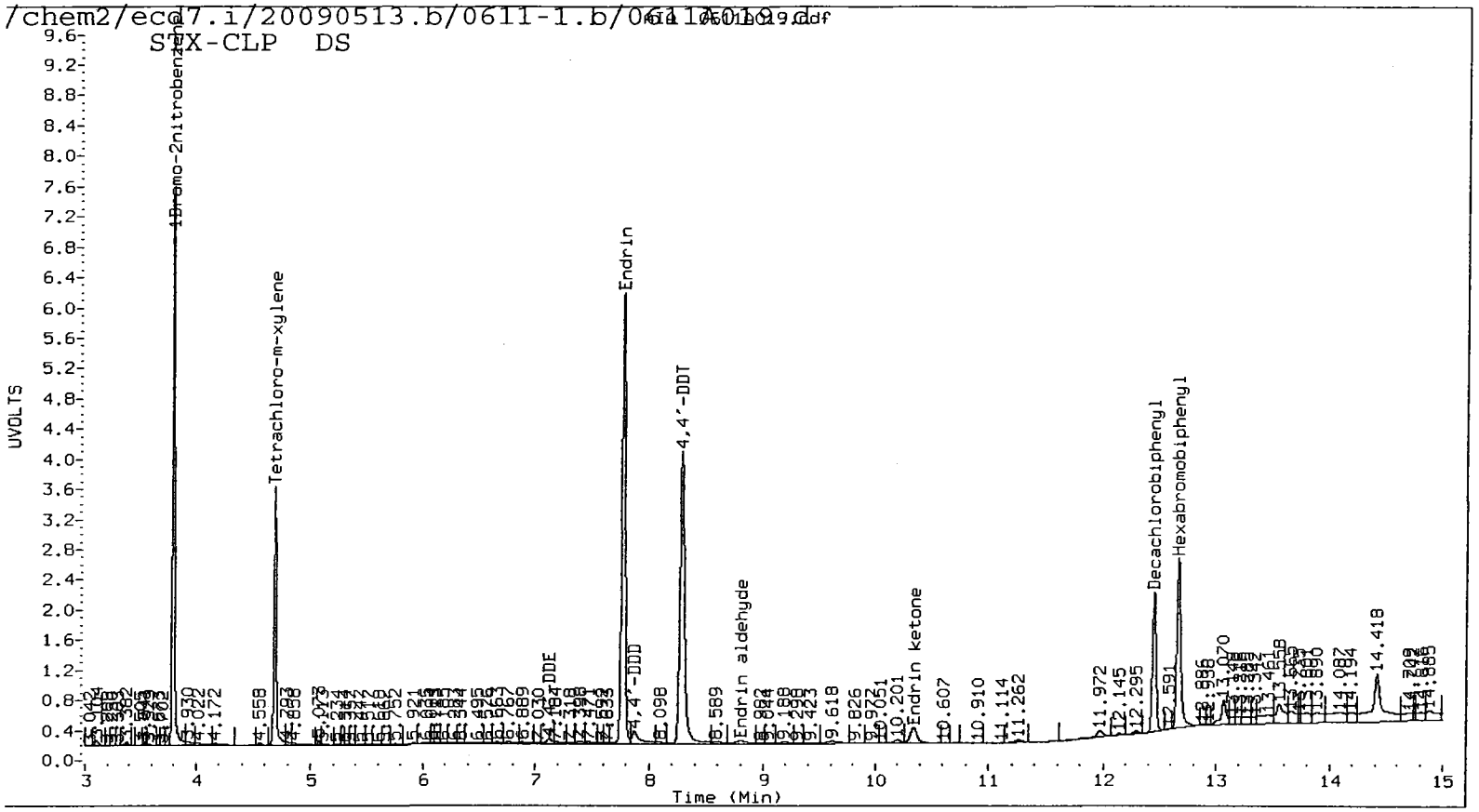
GC Column: STX-CLP2 ID: 0.53(mm)

COMPOUND	RT	AREA
4,4'-DDE	8.581	77865
Endrin	9.567	2857328
4,4'-DDD	9.794	227446
4,4'-DDT	10.626	2497503
Endrin ketone	12.497	191367
Endrin aldehyde	10.977	54478

DDT Percent Breakdown = 10.9 %
((77865+227446) * 100)/(77865+227446+2497503)

Endrin Percent Breakdown = 7.9 %
((54478+191367) * 100)/(54478+191367+2857328)

Form VII Pest-1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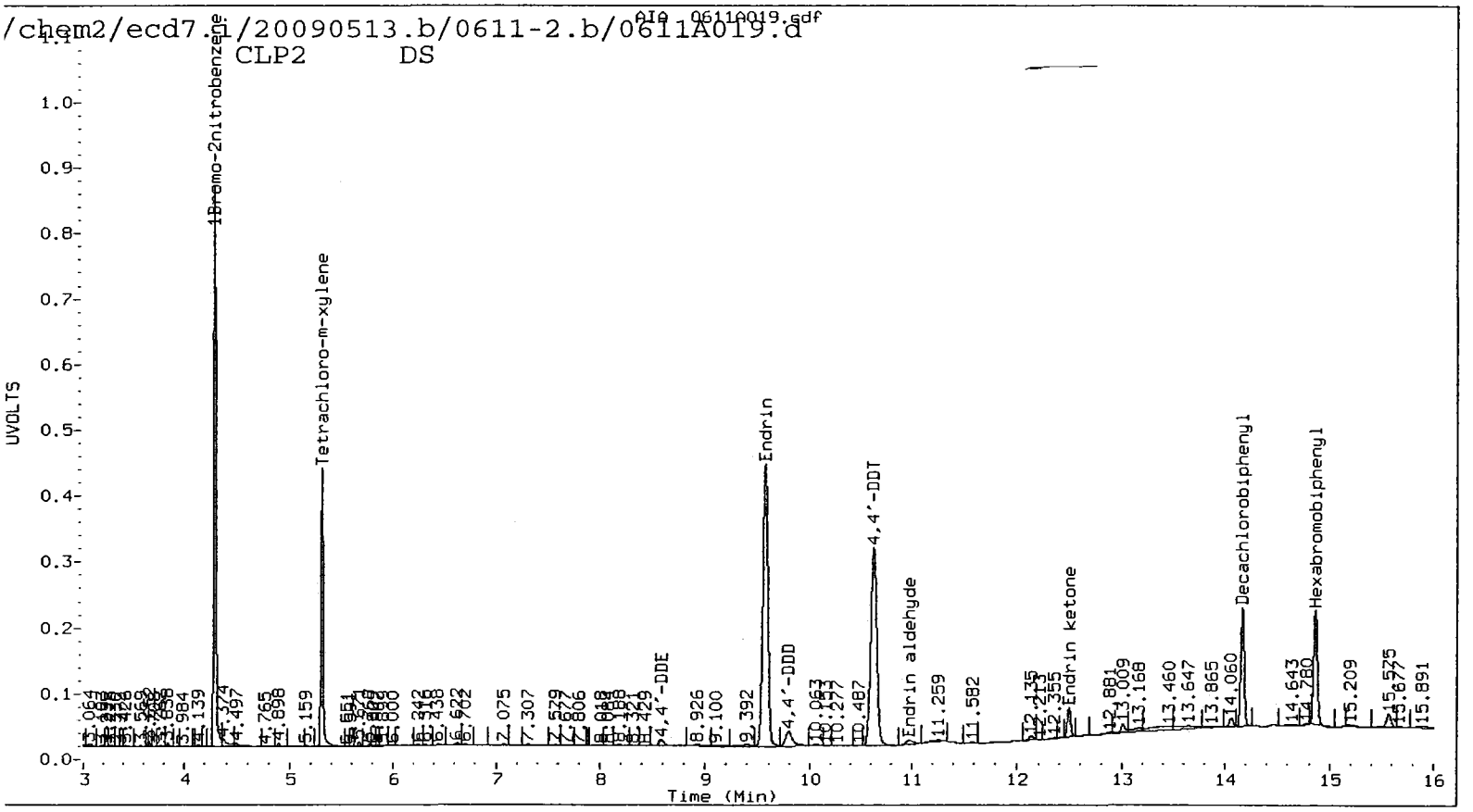
SEX-CLP DS
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Endrin
4,4'-DDT
Endrin aldehyde
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl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CLP2 DS
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Endrin
4,4'-DDT
Endrin aldehyde
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

8081 PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC.

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: STX-CLP1 ID: 0.53 (mm)

Init. Calib. Date: 05/13/09

Lab Ccal ID: INDAC Date/Time Analyzed: 06/11/09,1942

PEST MIX COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.24	5.18	5.28	22.9	20.0	14.6
beta-BHC	5.60	5.55	5.65	21.5	20.0	7.4
delta-BHC	5.75	5.70	5.80	21.7	20.0	8.5
gamma-BHC (Lindane)	5.52	5.47	5.57	22.0	20.0	10.1
Heptachlor	5.92	5.87	5.97	22.1	20.0	10.5
Aldrin	6.19	6.13	6.23	22.8	20.0	13.8
Heptachlor epoxide b	6.76	6.71	6.81	19.2	20.0	-4.0
Endosulfan I	7.19	7.14	7.24	22.7	20.0	13.6
Dieldrin	7.47	7.42	7.52	45.1	40.0	12.8
4,4'-DDE	7.12	7.07	7.17	43.5	40.0	8.7
Endrin	7.77	7.72	7.82	46.1	40.0	15.3
Endosulfan II	8.10	8.05	8.15	45.8	40.0	14.6
4,4'-DDD	7.87	7.82	7.92	43.7	40.0	9.2
Endosulfan sulfate	9.68	9.63	9.73	43.9	40.0	9.8
4,4'-DDT	8.29	8.23	8.33	46.1	40.0	15.2
Methoxychlor	9.18	9.13	9.23	217.9	200.0	9.0
Endrin ketone	10.34	10.29	10.39	43.4	40.0	8.4
Endrin aldehyde	8.79	8.74	8.84	41.0	40.0	2.6
gamma-Chlordane	6.89	6.84	6.94	21.2	20.0	6.1
alpha-Chlordane	7.03	6.98	7.08	21.1	20.0	5.6
Hexachlorobutadiene	2.46	2.41	2.51	21.1	20.0	5.3
Hexachlorobenzene	5.07	5.02	5.12	21.0	20.0	4.8
Tetrachloro-m-xylene	4.69	4.64	4.74	43.3	40.0	8.2
Decachlorobiphenyl	12.45	12.40	12.50	38.9	40.0	-2.7

7E

8081 PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC.

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: STX-CLP2 ID: 0.53 (mm)

Init. Calib. Date: 05/13/09

Lab Ccal ID: INDAC Date/Time Analyzed: 06/11/09,1942

PEST MIX COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.90	5.85	5.95	19.9	20.0	-0.3
beta-BHC	6.32	6.26	6.36	21.6	20.0	8.0
delta-BHC	6.62	6.57	6.67	19.9	20.0	-0.5
gamma-BHC (Lindane)	6.24	6.19	6.29	20.0	20.0	-0.1
Heptachlor	6.70	6.65	6.75	19.9	20.0	-0.7
Aldrin	7.08	7.03	7.13	20.0	20.0	-0.2
Heptachlor epoxide b	7.81	7.76	7.86	21.7	20.0	8.3
Endosulfan I	8.43	8.38	8.48	19.7	20.0	-1.7
Dieldrin	8.92	8.87	8.97	39.9	40.0	-0.3
4,4'-DDE	8.58	8.52	8.62	40.1	40.0	0.3
Endrin	9.57	9.52	9.62	39.6	40.0	-1.1
Endosulfan II	10.06	10.01	10.11	40.3	40.0	0.9
4,4'-DDD	9.79	9.73	9.83	39.6	40.0	-1.0
Endosulfan sulfate	11.58	11.53	11.63	38.8	40.0	-2.9
4,4'-DDT	10.62	10.57	10.67	42.0	40.0	5.0
Methoxychlor	12.13	12.08	12.18	189.5	200.0	-5.3
Endrin ketone	12.50	12.45	12.55	36.7	40.0	-8.1
Endrin aldehyde	10.96	10.91	11.01	36.5	40.0	-8.8
gamma-Chlordane	8.09	8.04	8.14	19.8	20.0	-1.2
alpha-Chlordane	8.32	8.27	8.37	19.4	20.0	-3.1
Hexachlorobutadiene	2.99	2.94	3.04	19.8	20.0	-1.1
Hexachlorobenzene	5.77	5.72	5.82	19.4	20.0	-2.9
Tetrachloro-m-xylene	5.31	5.26	5.36	40.7	40.0	1.6
Decachlorobiphenyl	14.16	14.11	14.21	38.7	40.0	-3.3

FORM VII PEST-2

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/0611-1.b/0611A020.d ARI ID: INDAC
Data file 2: /chem2/ecd7.i/20090513.b/0611-2.b/0611A020.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 11-JUN-2009 19:42
Compound Sublist: INDA Report Date: 06/12/2009 14:46
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.797	0.001	2428718	4.290	0.001	2738588	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.236	0.001	873863	5.899	0.001	1027788	22.9139	19.9338	13.9	alpha-BHC A B
5.600	0.001	361468	6.315	0.002	404755	21.4772	21.6024	0.6	beta-BHC A B
5.748	0.000	710504	6.622	0.002	884316	21.6935	19.9042	8.6	delta-BHC A B
5.517	0.001	753103	6.242	0.001	918633	22.0290	19.9748	9.8	gamma-BHC (Lindane) A B
5.922	0.001	802288	6.703	0.000	936700	22.0981	19.8514	10.7	Heptachlor A B
6.186	0.001	741165	7.076	0.000	886510	22.7595	19.9591	13.1	Aldrin A B
6.762	0.001	693285	7.806	0.000	816066	19.2047	21.6640	12.0	Heptachlor epoxide b A B
7.186	0.000	812017	8.430	0.001	816363	22.7203	19.6596	14.4	Endosulfan I A B
7.471	0.001	1456963	8.925	0.000	1672172	45.1375	39.8850	12.4	Dieldrin A B
7.119	0.001	1117522	8.575	0.002	1610718	43.4810	40.1164	8.0	4,4'-DDE A B
7.774	0.000	1296678	9.566	0.000	1527352	46.1354	39.5711	15.3	Endrin A B
8.096	0.001	1166039	10.061	0.001	1486833	45.8248	40.3454	12.7	Endosulfan II A B
7.871	0.002	1114022	9.787	0.002	1413938	43.6654	39.6140	9.7	4,4'-DDD A B
9.683	0.000	1091992	11.583	0.000	1274187	43.9224	38.8405	12.3	Endosulfan sulfate A B
8.285	0.001	1133474	10.624	0.001	1301656	46.0851	41.9812	9.3	4,4'-DDT A B
9.183	0.001	3025729	12.132	0.000	2623866	217.9226	189.4517	14.0	Methoxychlor A B
10.342	0.001	1354777	12.496	0.000	1348142	43.3513	36.7431	16.5	Endrin ketone A BN
8.793	0.001	879351	10.963	0.001	1048049	41.0257	36.4659	11.8	Endrin aldehyde A B
6.889	0.001	686155	8.087	0.000	838727	21.2189	19.7668	7.1	gamma-Chlordane A B
7.031	0.001	642197	8.320	0.001	808075	21.1140	19.3876	8.5	alpha-Chlordane A B
2.464	0.001	1060523	2.985	0.000	1209334	21.0601	19.7848	6.2	Hexachlorobutadiene A B
5.072	0.002	687999	5.767	0.001	842628	20.9558	19.4103	7.7	Hexachlorobenzene A B
12.665	-0.001	1407586	14.861	0.002	1139058	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.687	0.001	1194727	5.306	0.001	1401484	43.2608	40.6544	6.2	Tetrachloro-m-xylene A B
12.451	0.000	993172	14.163	0.000	958266	38.9157	38.6870	0.6	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	108.2	101.6	101.6~	150- 0
Decachlorobiphenyl	97.3	96.7	96.7~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

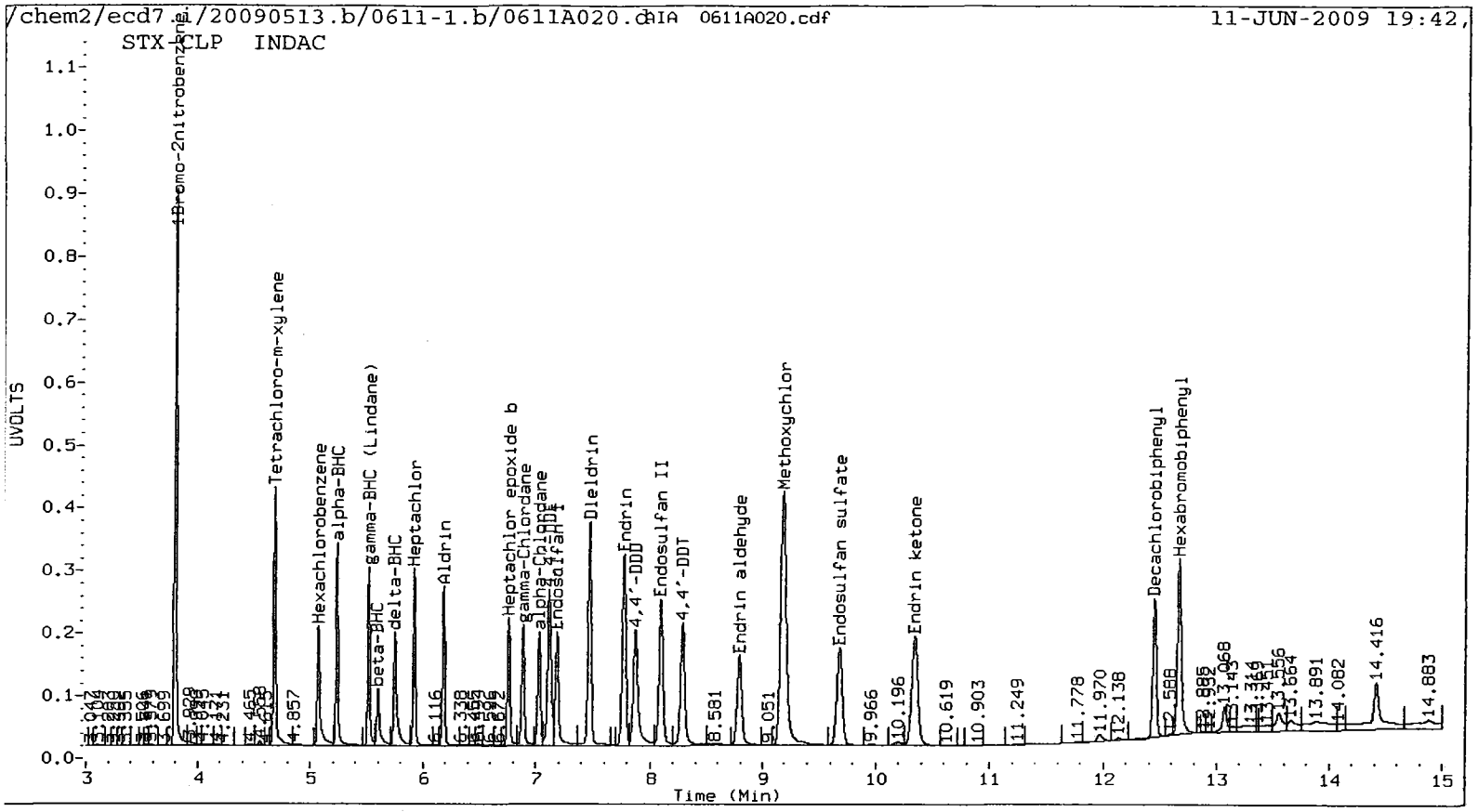
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2428718	-15.7
Hexabromobiphenyl	1666064	1407586	-15.5

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	2738588	-14.2
Hexabromobiphenyl	1322411	1139058	-13.9

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	STX-CLP Col Peak#	RT	Shift	Height	Amount	CLP2 Col Peak#	RT	Shift	Height	Amount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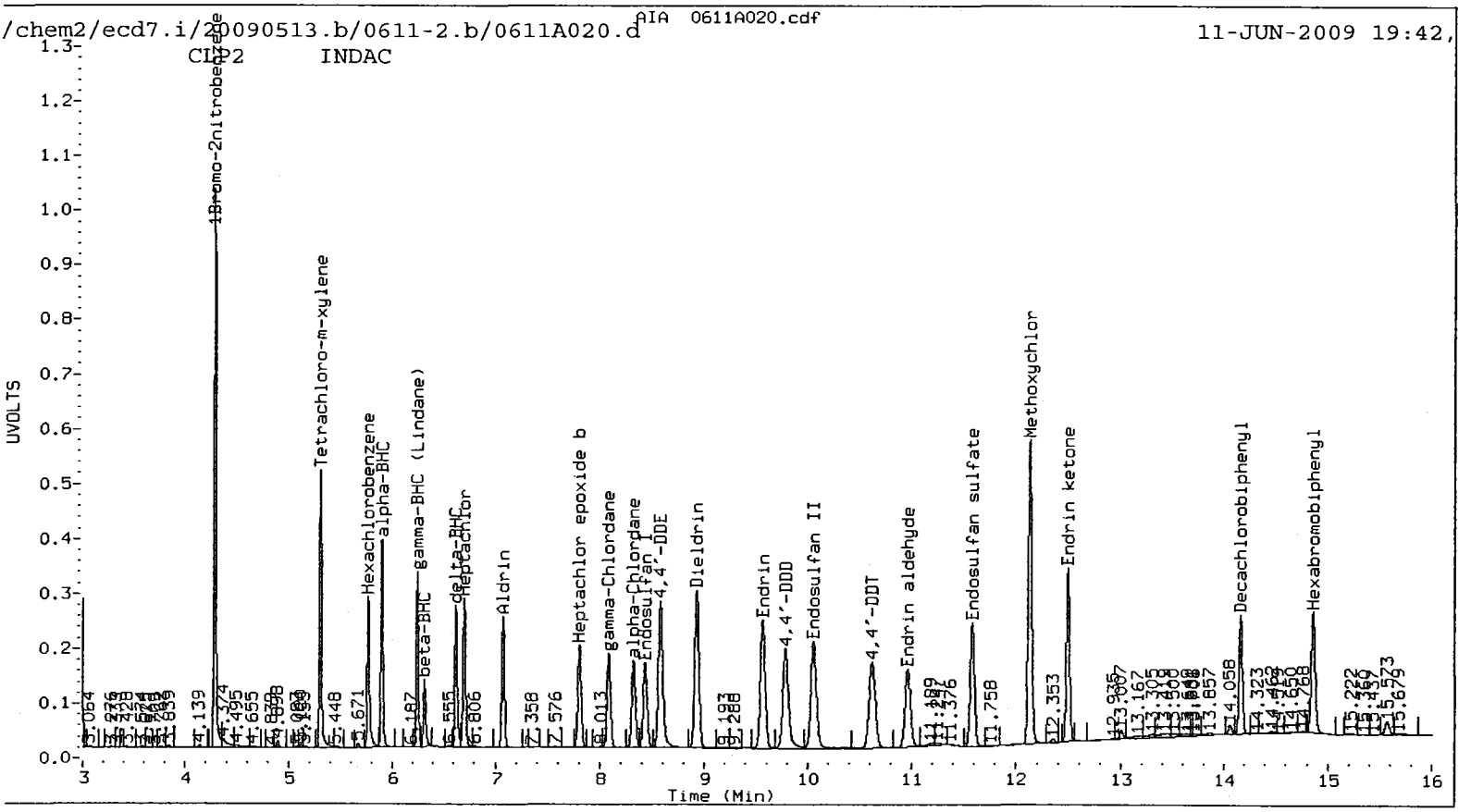
STX-CLP INDAC
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
Dieldrin
4,4'-DDD
Endrin
Endosulfan II
4,4'-DDT
Endrin aldehyde
Methoxychlor
Endosulfan sulfate
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl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11-JUN-2009 19:42,
CLP2 INDAC
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Endosulfan sulfate
Methoxychlor
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

7E
8081 DDT/ENDRIN BREAKDOWN VERIFICATION SUMMARY

Lab ID: DS ARI Job No.: 20090513

Analysis Date: 12-JUN-2009 00:52 Init. Calib. Date: 13-MAY-2009

GC Column: STX-CLP1 ID: 0.53(mm)

COMPOUND	RT	AREA
4,4'-DDE	7.123	48168
Endrin	7.775	2718358
4,4'-DDD	7.874	175714
4,4'-DDT	8.286	2359925
Endrin ketone	10.345	195605
Endrin aldehyde	8.801	67535

DDT Percent Breakdown = 8.7 %
((48168+175714) * 100)/(48168+175714+2359925)

Endrin Percent Breakdown = 8.8 %
((67535+195605) * 100)/(67535+195605+2718358)

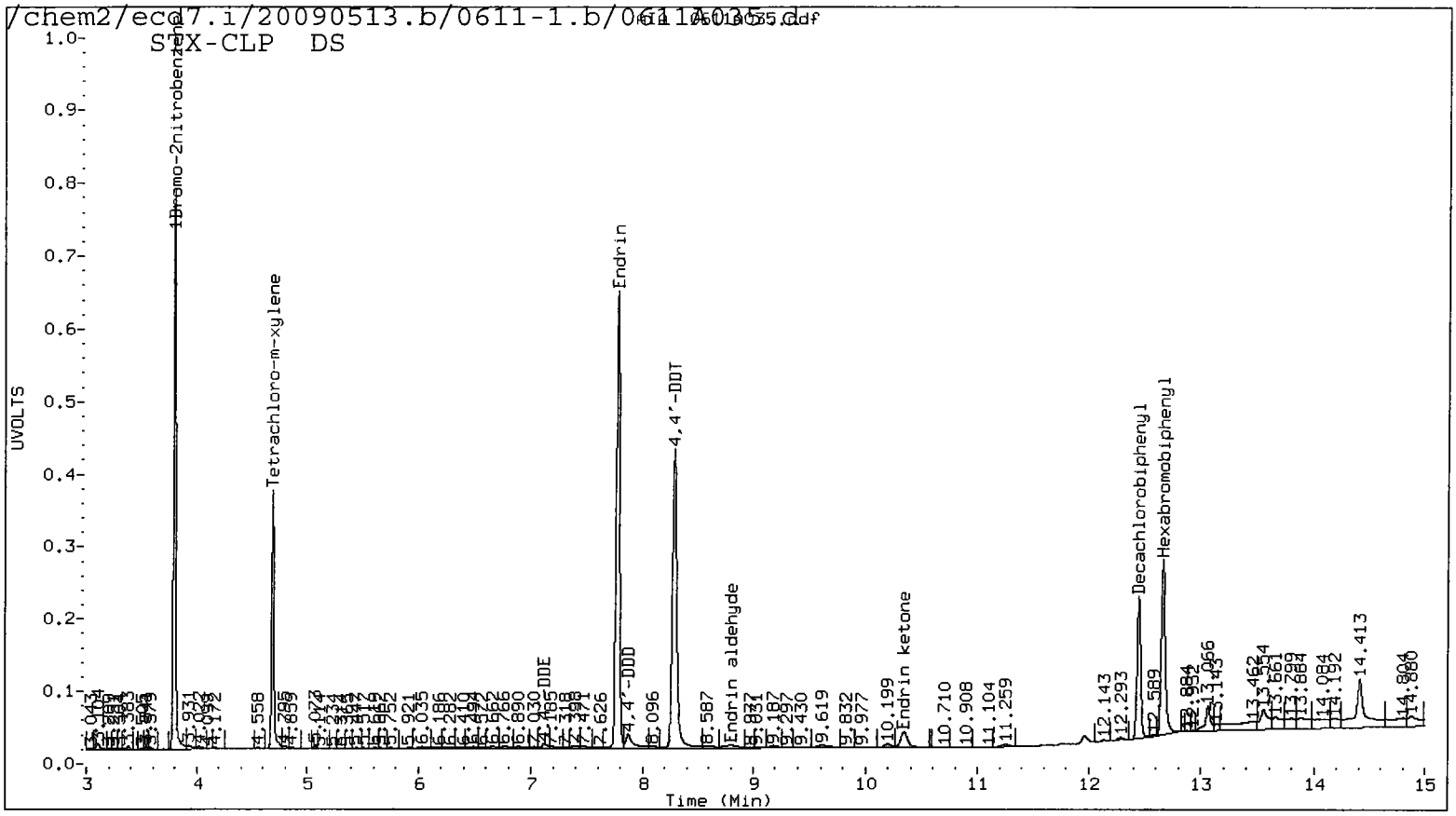
GC Column: STX-CLP2 ID: 0.53(mm)

COMPOUND	RT	AREA
4,4'-DDE	8.581	85511
Endrin	9.568	3046173
4,4'-DDD	9.794	248888
4,4'-DDT	10.625	2647747
Endrin ketone	12.496	233268
Endrin aldehyde	10.979	61338

DDT Percent Breakdown = 11.2 %
((85511+248888) * 100)/(85511+248888+2647747)

Endrin Percent Breakdown = 8.8 %
((61338+233268) * 100)/(61338+233268+3046173)

Form VII Pest-1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STX-CLP DS
UVOLTS
Time (Min)
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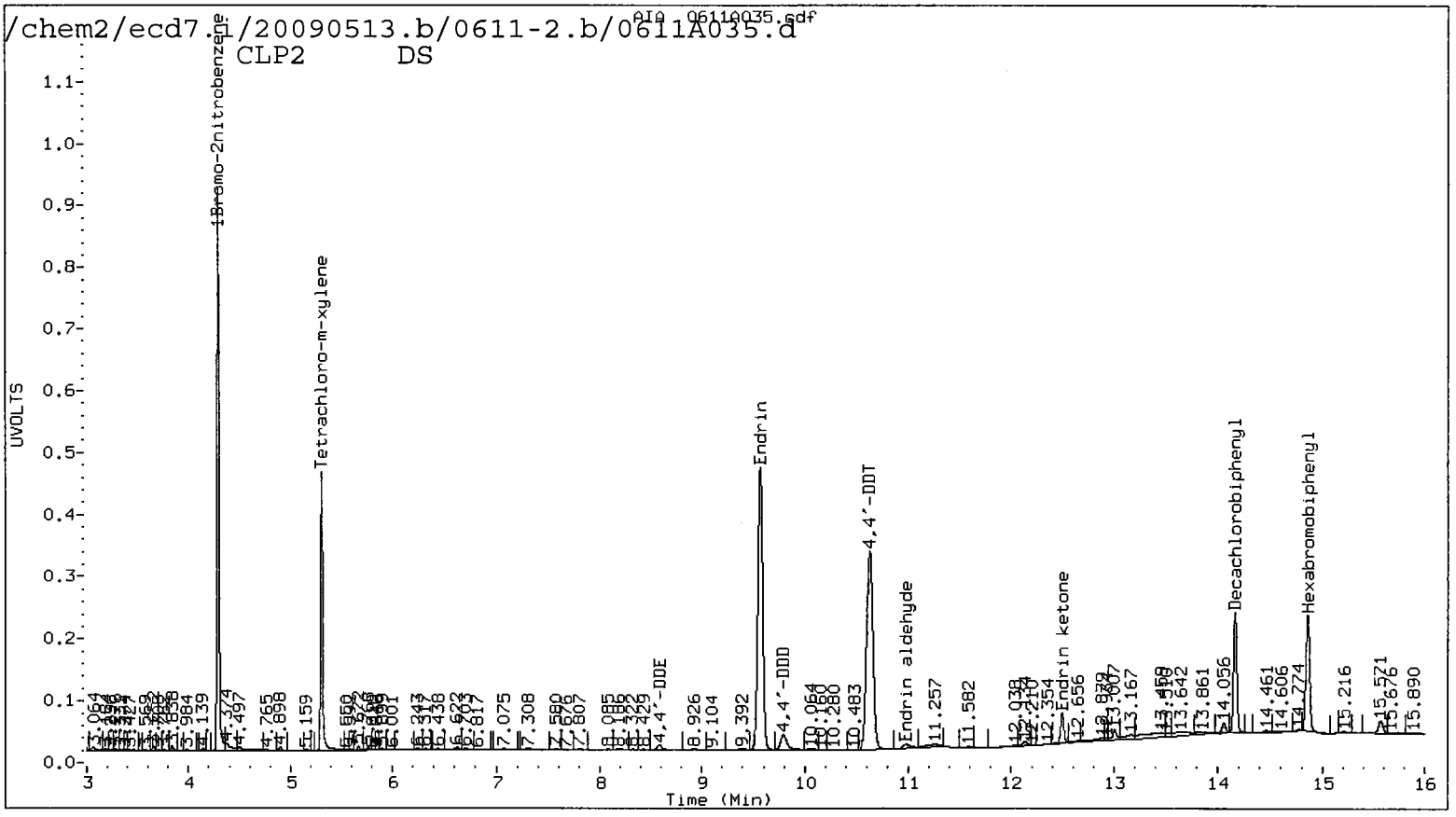
Tetrachloro-m-xylene
Endrin
4,4'-DDT
Endrin aldehyde
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl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CLP2 DS
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Endrin
4,4'-DDT
Endrin aldehyde
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

7E

8081 PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC.

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: STX-CLP1 ID: 0.53 (mm)

Init. Calib. Date: 05/13/09

Lab Ccal ID: INDAC Date/Time Analyzed: 06/12/09,0113

PEST MIX COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.24	5.18	5.28	22.8	20.0	13.9
beta-BHC	5.60	5.55	5.65	21.4	20.0	7.1
delta-BHC	5.75	5.70	5.80	21.7	20.0	8.3
gamma-BHC (Lindane)	5.52	5.47	5.57	21.9	20.0	9.7
Heptachlor	5.92	5.87	5.97	21.9	20.0	9.5
Aldrin	6.19	6.13	6.23	22.5	20.0	12.7
Heptachlor epoxide b	6.76	6.71	6.81	18.9	20.0	-5.4
Endosulfan I	7.19	7.14	7.24	22.1	20.0	10.5
Dieldrin	7.47	7.42	7.52	44.3	40.0	10.7
4,4'-DDE	7.12	7.07	7.17	44.0	40.0	10.0
Endrin	7.77	7.72	7.82	45.8	40.0	14.6
Endosulfan II	8.10	8.05	8.15	44.9	40.0	12.4
4,4'-DDD	7.87	7.82	7.92	43.5	40.0	8.8
Endosulfan sulfate	9.68	9.63	9.73	43.7	40.0	9.3
4,4'-DDT	8.28	8.23	8.33	45.6	40.0	14.1
Methoxychlor	9.18	9.13	9.23	218.0	200.0	9.0
Endrin ketone	10.34	10.29	10.39	42.8	40.0	7.0
Endrin aldehyde	8.79	8.74	8.84	40.7	40.0	1.7
gamma-Chlordane	6.89	6.84	6.94	21.1	20.0	5.5
alpha-Chlordane	7.03	6.98	7.08	21.0	20.0	4.8
Hexachlorobutadiene	2.46	2.41	2.51	20.8	20.0	4.0
Hexachlorobenzene	5.07	5.02	5.12	20.9	20.0	4.3
Tetrachloro-m-xylene	4.69	4.64	4.74	43.0	40.0	7.6
Decachlorobiphenyl	12.45	12.40	12.50	39.4	40.0	-1.5

7E

8081 PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC.

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: STX-CLP2 ID: 0.53 (mm)

Init. Calib. Date: 05/13/09

Lab Ccal ID: INDAC Date/Time Analyzed: 06/12/09,0113

PEST MIX COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.90	5.85	5.95	19.8	20.0	-1.1
beta-BHC	6.32	6.26	6.36	21.7	20.0	8.3
delta-BHC	6.62	6.57	6.67	20.2	20.0	0.9
gamma-BHC (Lindane)	6.24	6.19	6.29	20.0	20.0	-0.1
Heptachlor	6.70	6.65	6.75	20.0	20.0	0.1
Aldrin	7.08	7.03	7.13	20.2	20.0	0.8
Heptachlor epoxide b	7.81	7.76	7.86	22.4	20.0	11.8
Endosulfan I	8.43	8.38	8.48	19.8	20.0	-1.2
Dieldrin	8.93	8.87	8.97	40.2	40.0	0.4
4,4'-DDE	8.58	8.52	8.62	40.4	40.0	1.0
Endrin	9.57	9.52	9.62	40.4	40.0	0.9
Endosulfan II	10.06	10.01	10.11	40.6	40.0	1.5
4,4'-DDD	9.79	9.73	9.83	40.6	40.0	1.4
Endosulfan sulfate	11.58	11.53	11.63	39.8	40.0	-0.4
4,4'-DDT	10.62	10.57	10.67	42.8	40.0	7.0
Methoxychlor	12.13	12.08	12.18	197.8	200.0	-1.1
Endrin ketone	12.50	12.45	12.55	38.3	40.0	-4.4
Endrin aldehyde	10.96	10.91	11.01	37.0	40.0	-7.6
gamma-Chlordane	8.09	8.04	8.14	20.0	20.0	-0.0
alpha-Chlordane	8.32	8.27	8.37	19.5	20.0	-2.4
Hexachlorobutadiene	2.99	2.94	3.04	19.7	20.0	-1.4
Hexachlorobenzene	5.77	5.72	5.82	19.2	20.0	-4.0
Tetrachloro-m-xylene	5.31	5.26	5.36	40.3	40.0	0.6
Decachlorobiphenyl	14.16	14.11	14.21	40.3	40.0	0.6

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/0611-1.b/0611A036.d ARI ID: INDAC
Data file 2: /chem2/ecd7.i/20090513.b/0611-2.b/0611A036.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 12-JUN-2009 01:13
Compound Sublist: INDA Report Date: 06/16/2009 10:32
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.797	0.001	2519926	4.290	0.001	2861509	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.236	0.001	901680	5.899	0.001	1065333	22.7875	19.7744	14.2	alpha-BHC A B
5.599	0.001	374035	6.315	0.002	423923	21.4195	21.6535	1.1	beta-BHC A B
5.748	0.000	736096	6.622	0.002	936986	21.6614	20.1838	7.1	delta-BHC A B
5.517	0.001	778112	6.242	0.001	960313	21.9368	19.9842	9.3	gamma-BHC (Lindane) A B
5.922	0.001	825108	6.703	0.000	986680	21.9040	20.0123	9.0	Heptachlor A B
6.185	0.001	761594	7.076	0.001	935347	22.5404	20.1541	11.2	Aldrin A B
6.761	0.001	708213	7.806	0.001	879885	18.9082	22.3548	16.7	Heptachlor epoxide b A B
7.186	0.000	819746	8.430	0.001	857296	22.1063	19.7585	11.2	Endosulfan I A B
7.471	0.001	1482722	8.925	0.001	1760269	44.2730	40.1827	9.7	Dieldrin A B
7.118	0.000	1173484	8.575	0.003	1695264	44.0058	40.4084	8.5	4,4'-DDE A B
7.774	0.001	1345894	9.566	0.001	1612364	45.8374	40.3517	12.7	Endrin A B
8.097	0.001	1194664	10.062	0.002	1549206	44.9407	40.6070	10.1	Endosulfan II A B
7.870	0.001	1160549	9.788	0.003	1498819	43.5426	40.5627	7.1	4,4'-DDD A B
9.683	0.000	1135988	11.584	0.001	1353173	43.7368	39.8441	9.3	Endosulfan sulfate A B
8.285	0.001	1172436	10.625	0.002	1373516	45.6295	42.7910	6.4	4,4'-DDT A B
9.182	0.000	3162484	12.132	0.000	2836200	218.0258	197.8125	9.7	Methoxychlor A B
10.342	0.001	1396949	12.496	0.000	1452977	42.7880	38.2524	11.2	Endrin ketone A B
8.792	0.000	911125	10.963	0.001	1099958	40.6892	36.9693	9.6	Endrin aldehyde A B
6.889	0.000	708120	8.088	0.001	886555	21.1056	19.9965	5.4	gamma-Chlordane A B
7.030	0.000	661761	8.321	0.001	849712	20.9697	19.5108	7.2	alpha-Chlordane A B
2.464	0.001	1086324	2.985	0.000	1259568	20.7917	19.7215	5.3	Hexachlorobutadiene A B
5.072	0.002	710382	5.768	0.001	871097	20.8544	19.2041	8.2	Hexachlorobenzene A B
12.664	-0.002	1470508	14.860	0.001	1179196	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.687	0.001	1233090	5.307	0.001	1450076	43.0338	40.2570	6.7	Tetrachloro-m-xylene A B
12.451	0.000	1050230	14.162	-0.001	1032229	39.3905	40.2545	2.2	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	107.6	100.6	100.6~	150- 0
Decachlorobiphenyl	98.5	100.6	98.5~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

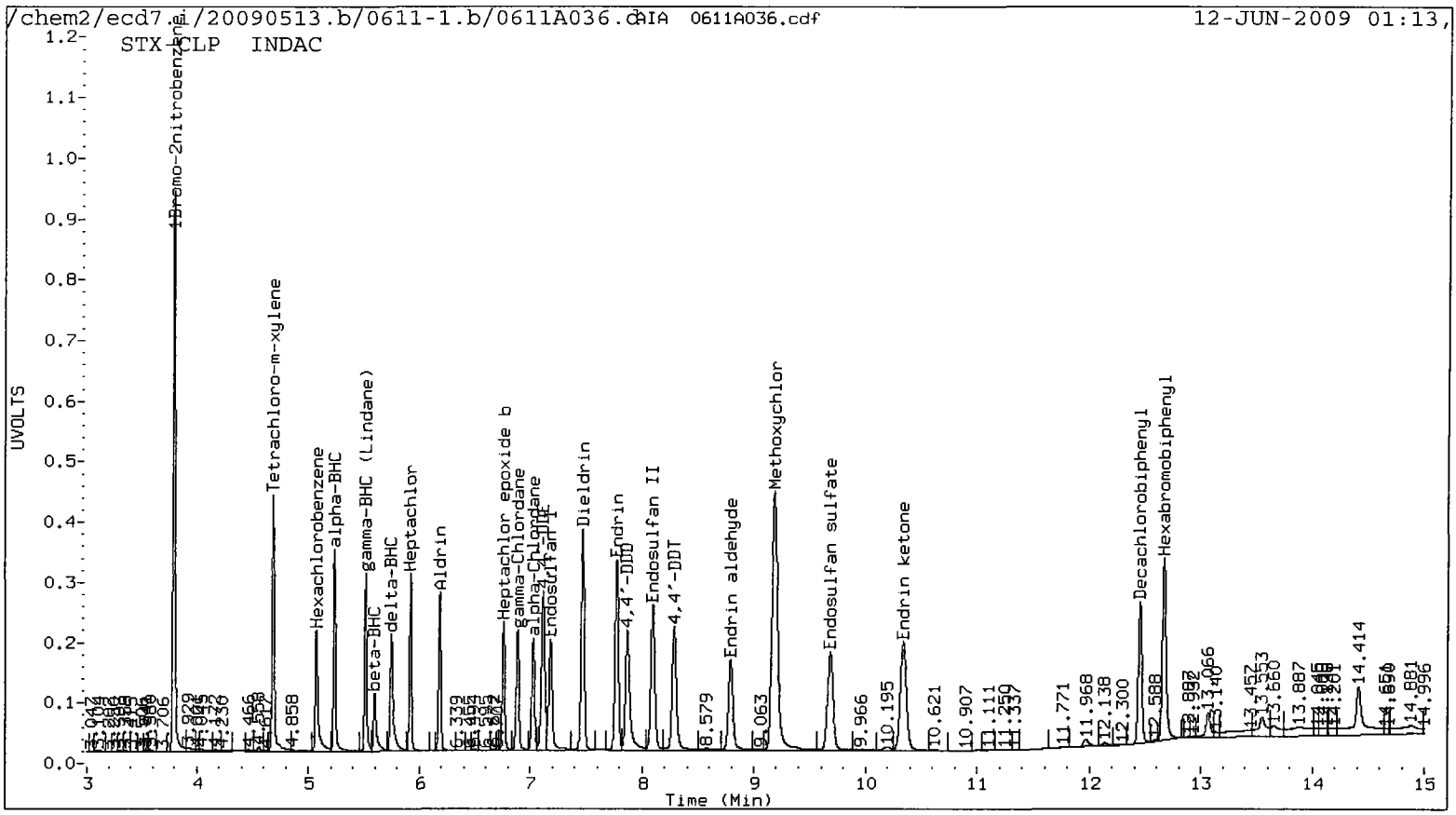
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2519926	-12.5
Hexabromobiphenyl	1666064	1470508	-11.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	2861509	-10.4
Hexabromobiphenyl	1322411	1179196	-10.8

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

	STX-CLP Col					CLP2 Col				
Aroclor	Peak#	RT	Shift	Height	Amount	Peak#	RT	Shift	Height	Amount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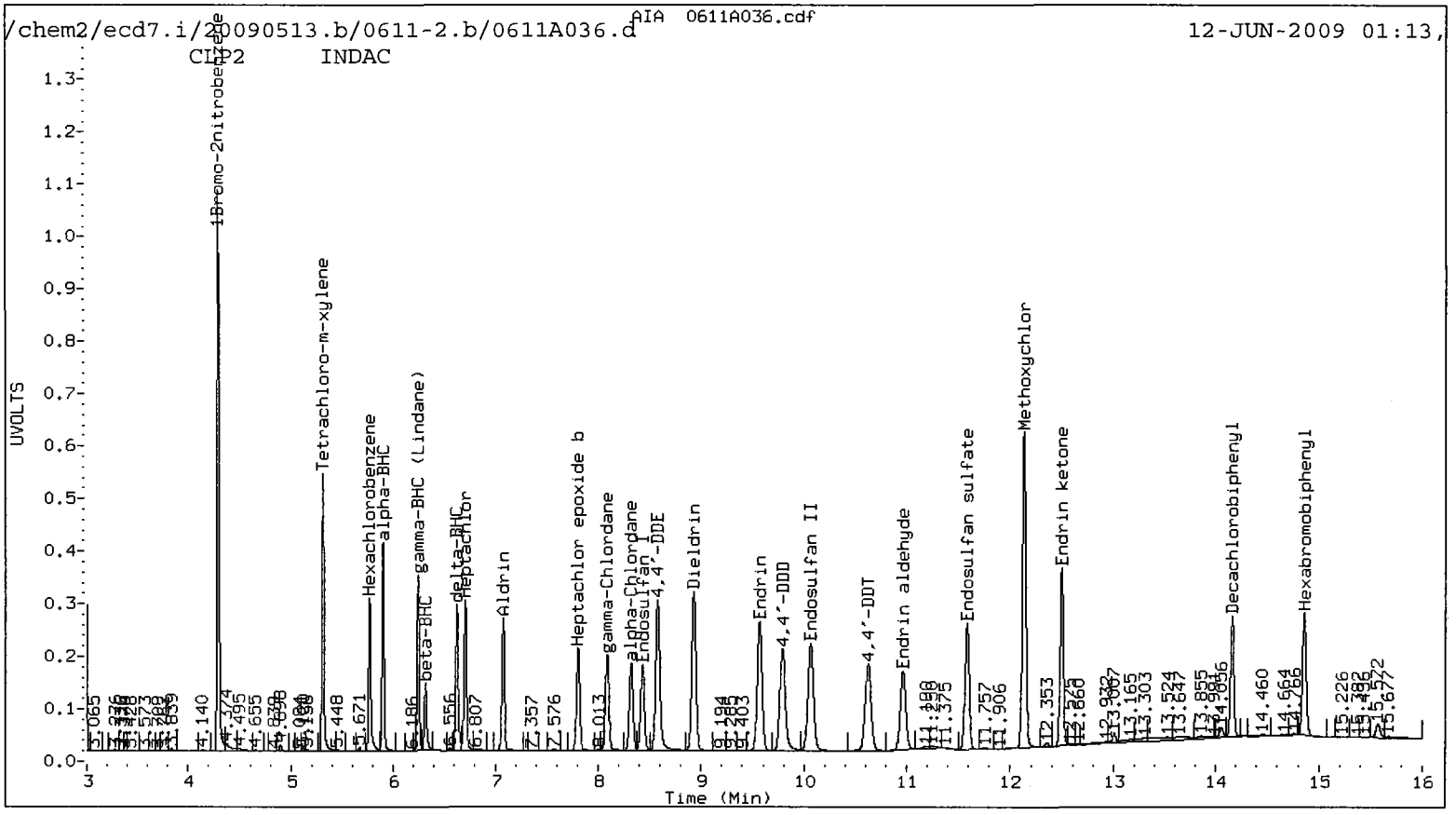
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
Dieldrin
4,4'-DDE
Endrin
Endosulfan II
4,4'-DDT
Endrin aldehyde
Methoxychlor
Endosulfan sulfate
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl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12-JUN-2009 01:13,
CLP2 INDAC
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Endosulfan sulfate
Methoxychlor
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

7E

8081 DDT/ENDRIN BREAKDOWN VERIFICATION SUMMARY

AR 6/16/09

Lab ID: DS ARI Job No.: 20090513

Analysis Date: 15-JUN-2009 13:10 Init. Calib. Date: 13-MAY-2009

GC Column: STX-CLP1 ID: 0.53(mm)

COMPOUND	RT	AREA
4,4'-DDE	7.117	49610
Endrin	7.775	3466532
4,4'-DDD	7.868	210197
4,4'-DDT	8.283	2964425
Endrin ketone	10.344	264209
Endrin aldehyde	8.798	85327

DDT Percent Breakdown = 8.1 %
((49610+210197) * 100)/(49610+210197+2964425)

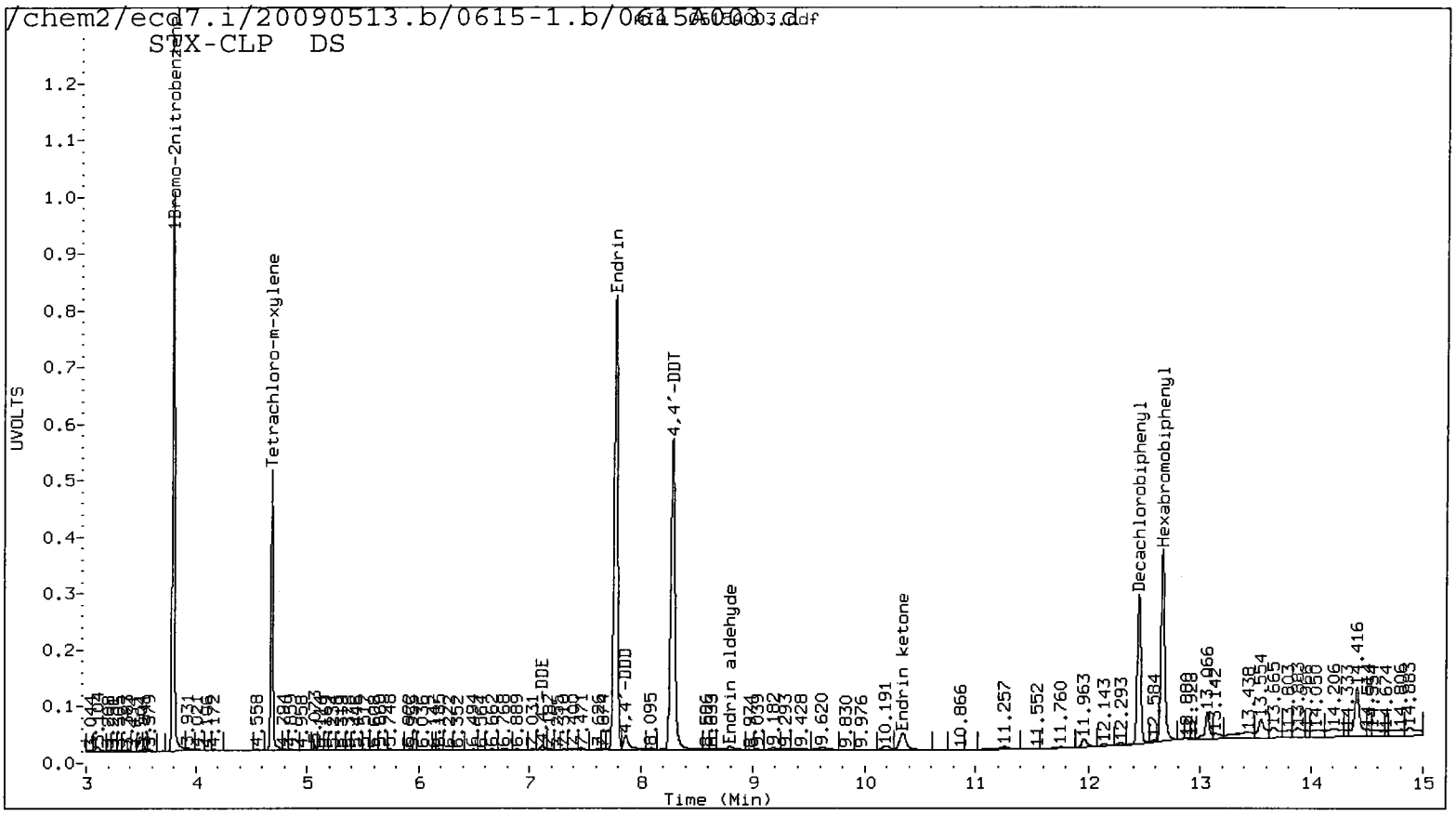
Endrin Percent Breakdown = 9.2 %
((85327+264209) * 100)/(85327+264209+3466532)

GC Column: STX-CLP2 ID: 0.53(mm)

COMPOUND	RT	AREA
4,4'-DDE	8.576	86655
Endrin	9.567	3145010
4,4'-DDD	9.789	244687
4,4'-DDT	10.623	2818810
Endrin ketone	12.496	244367
Endrin aldehyde	10.975	51979

DDT Percent Breakdown = 10.5 %
((86655+244687) * 100)/(86655+244687+2818810)

Endrin Percent Breakdown = 8.6 %
((51979+244367) * 100)/(51979+244367+3145010)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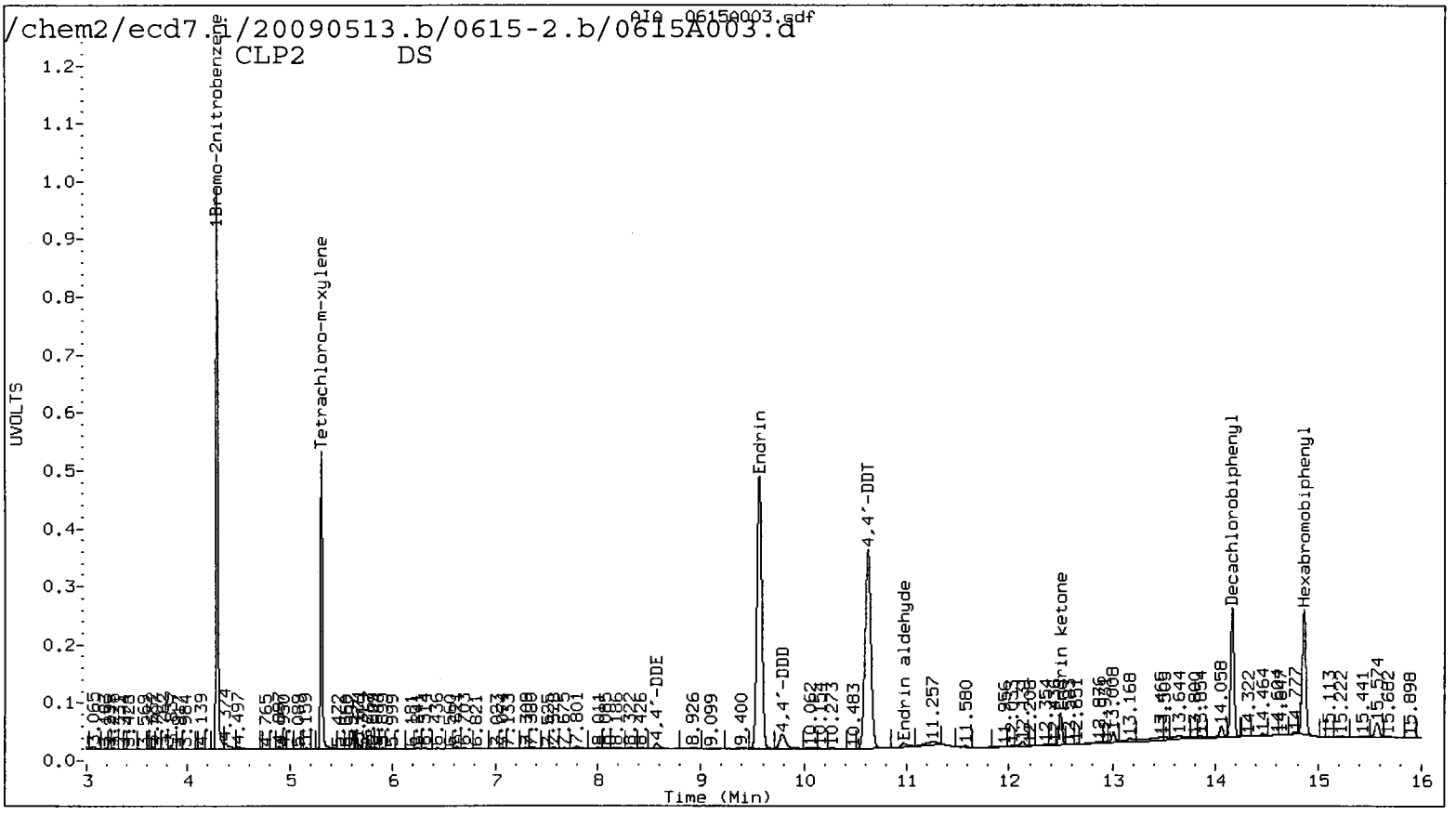
STX-CLP DS
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
4,4'-DDE
Endrin
4,4'-DDD
4,4'-DDT
Endrin aldehyde
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl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CLP2 DS
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
4,4'-DDE
Endrin
4,4'-DDD
4,4'-DDT
Endrin aldehyde
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

7E

8081 PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC.

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: STX-CLP1 ID: 0.53 (mm)

Init. Calib. Date: 05/13/09

Lab Ccal ID: INDAC Date/Time Analyzed: 06/15/09,1330

PEST MIX COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.24	5.18	5.28	23.7	20.0	18.4
beta-BHC	5.60	5.55	5.65	22.0	20.0	10.2
delta-BHC	5.75	5.70	5.80	23.5	20.0	17.3
gamma-BHC (Lindane)	5.52	5.47	5.57	23.2	20.0	16.0
Heptachlor	5.92	5.87	5.97	21.6	20.0	8.1
Aldrin	6.19	6.13	6.23	23.5	20.0	17.6
Heptachlor epoxide b	6.76	6.71	6.81	19.5	20.0	-2.5
Endosulfan I	7.19	7.14	7.24	19.4	20.0	-3.0
Dieldrin	7.47	7.42	7.52	44.4	40.0	11.0
4,4'-DDE	7.11	7.07	7.17	47.0	40.0	17.4
Endrin	7.77	7.72	7.82	43.9	40.0	9.7
Endosulfan II	8.10	8.05	8.15	43.3	40.0	8.2
4,4'-DDD	7.87	7.82	7.92	42.8	40.0	6.9
Endosulfan sulfate	9.68	9.63	9.73	43.1	40.0	7.8
4,4'-DDT	8.28	8.23	8.33	42.7	40.0	6.8
Methoxychlor	9.18	9.13	9.23	188.7	200.0	-5.6
Endrin ketone	10.34	10.29	10.39	42.1	40.0	5.2
Endrin aldehyde	8.79	8.74	8.84	41.6	40.0	3.9
gamma-Chlordane	6.89	6.84	6.94	21.7	20.0	8.4
alpha-Chlordane	7.03	6.98	7.08	20.6	20.0	3.0
Hexachlorobutadiene	2.46	2.41	2.51	21.4	20.0	6.8
Hexachlorobenzene	5.07	5.02	5.12	21.6	20.0	8.0
Tetrachloro-m-xylene	4.69	4.64	4.74	44.4	40.0	11.1
Decachlorobiphenyl	12.45	12.40	12.50	39.1	40.0	-2.2

FORM VII PEST-2

7E

8081 PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC.

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: STX-CLP2 ID: 0.53 (mm)

Init. Calib. Date: 05/13/09

Lab Ccal ID: INDAC Date/Time Analyzed: 06/15/09,1330

PEST MIX COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.90	5.85	5.95	20.8	20.0	4.0
beta-BHC	6.31	6.26	6.36	23.3	20.0	16.4
delta-BHC	6.62	6.57	6.67	21.6	20.0	8.0
gamma-BHC (Lindane)	6.24	6.19	6.29	21.3	20.0	6.3
Heptachlor	6.70	6.65	6.75	19.8	20.0	-1.2
Aldrin	7.08	7.03	7.13	21.1	20.0	5.7
Heptachlor epoxide b	7.81	7.76	7.86	23.6	20.0	18.1
Endosulfan I	8.43	8.38	8.48	20.7	20.0	3.6
Dieldrin	8.93	8.87	8.97	40.6	40.0	1.6
4,4'-DDE	8.57	8.52	8.62	42.0	40.0	5.0
Endrin	9.57	9.52	9.62	36.9	40.0	-7.7
Endosulfan II	10.06	10.01	10.11	39.0	40.0	-2.6
4,4'-DDD	9.78	9.73	9.83	36.5	40.0	-8.8
Endosulfan sulfate	11.58	11.53	11.63	38.4	40.0	-4.0
4,4'-DDT	10.62	10.57	10.67	39.8	40.0	-0.4
Methoxychlor	12.13	12.08	12.18	170.7	200.0	-14.6
Endrin ketone	12.50	12.45	12.55	36.8	40.0	-8.0
Endrin aldehyde	10.96	10.91	11.01	36.1	40.0	-9.7
gamma-Chlordane	8.09	8.04	8.14	21.3	20.0	6.4
alpha-Chlordane	8.32	8.27	8.37	20.7	20.0	3.6
Hexachlorobutadiene	2.99	2.94	3.04	20.6	20.0	3.1
Hexachlorobenzene	5.77	5.72	5.82	20.1	20.0	0.3
Tetrachloro-m-xylene	5.31	5.26	5.36	41.8	40.0	4.5
Decachlorobiphenyl	14.17	14.11	14.21	39.8	40.0	-0.5

FORM VII PEST-2

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/0615-1.b/0615A004.d ARI ID: INDAC
Data file 2: /chem2/ecd7.i/20090513.b/0615-2.b/0615A004.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 15-JUN-2009 13:30
Compound Sublist: INDA Report Date: 06/16/2009 10:50
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.796	0.000	3232231	4.289	0.001	3143443	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.235	0.001	1202242	5.899	0.000	1230888	23.6877	20.7983	13.0	alpha-BHC A B
5.598	-0.001	493777	6.314	0.000	500749	22.0452	23.2837	5.5	beta-BHC A B
5.745	-0.002	1022537	6.620	0.000	1101032	23.4594	21.5903	8.3	delta-BHC A B
5.517	0.001	1055682	6.242	0.000	1121983	23.2033	21.2544	8.8	gamma-BHC (Lindane) A B
5.921	0.001	1044594	6.702	0.000	1069947	21.6195	19.7548	9.0	Heptachlor A B
6.185	0.001	1019556	7.076	0.000	1078132	23.5253	21.1471	10.6	Aldrin A B
6.761	0.001	937027	7.806	0.000	1021259	19.5040	23.6194	19.1	Heptachlor epoxide b A B
7.186	0.000	922983	8.430	0.000	987296	19.4051	20.7138	6.5	Endosulfan I A B
7.471	0.001	1907055	8.925	0.000	1956090	44.3943	40.6479	8.8	Dieldrin A B
7.112	-0.005	1606989	8.573	0.000	1936044	46.9819	42.0087	11.2	4,4'-DDE A B
7.774	0.001	1758437	9.567	0.001	1763532	43.8963	36.9091	17.3	Endrin A B
8.096	0.000	1569112	10.062	0.001	1777702	43.2653	38.9675	10.5	Endosulfan II A B
7.865	-0.004	1554823	9.785	0.000	1612189	42.7585	36.4876	15.8	4,4'-DDD A B
9.682	0.000	1527364	11.583	0.000	1558803	43.1030	38.3843	11.6	Endosulfan sulfate A B
8.281	-0.003	1497842	10.623	0.000	1528737	42.7281	39.8293	7.0	4,4'-DDT A B
9.180	-0.002	3734677	12.131	-0.001	2927144	188.7226	170.7310	10.0	Methoxychlor A B
10.342	0.001	1874581	12.495	-0.001	1671037	42.0860	36.7906	13.4	Endrin ketone A B
8.792	0.000	1269810	10.963	0.001	1285561	41.5653	36.1335	14.0	Endrin aldehyde A B
6.889	0.000	932636	8.087	0.000	1035966	21.6714	21.2708	1.9	gamma-Chlordane A B
7.030	0.000	833845	8.320	0.000	991331	20.5997	20.7210	0.6	alpha-Chlordane A B
2.464	0.000	1431047	2.985	-0.001	1446808	21.3535	20.6214	3.5	Hexachlorobutadiene A B
5.070	0.001	943434	5.767	0.001	999672	21.5925	20.0620	7.3	Hexachlorobenzene A B
12.663	-0.004	2006208	14.866	0.007	1410051	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.687	0.001	1633567	5.306	0.000	1653420	44.4465	41.7853	6.2	Tetrachloro-m-xylene A B
12.450	-0.001	1422186	14.168	0.005	1220028	39.0980	39.7887	1.8	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	111.1	104.5	104.5~	150- 0
Decachlorobiphenyl	97.7	99.5	97.7~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

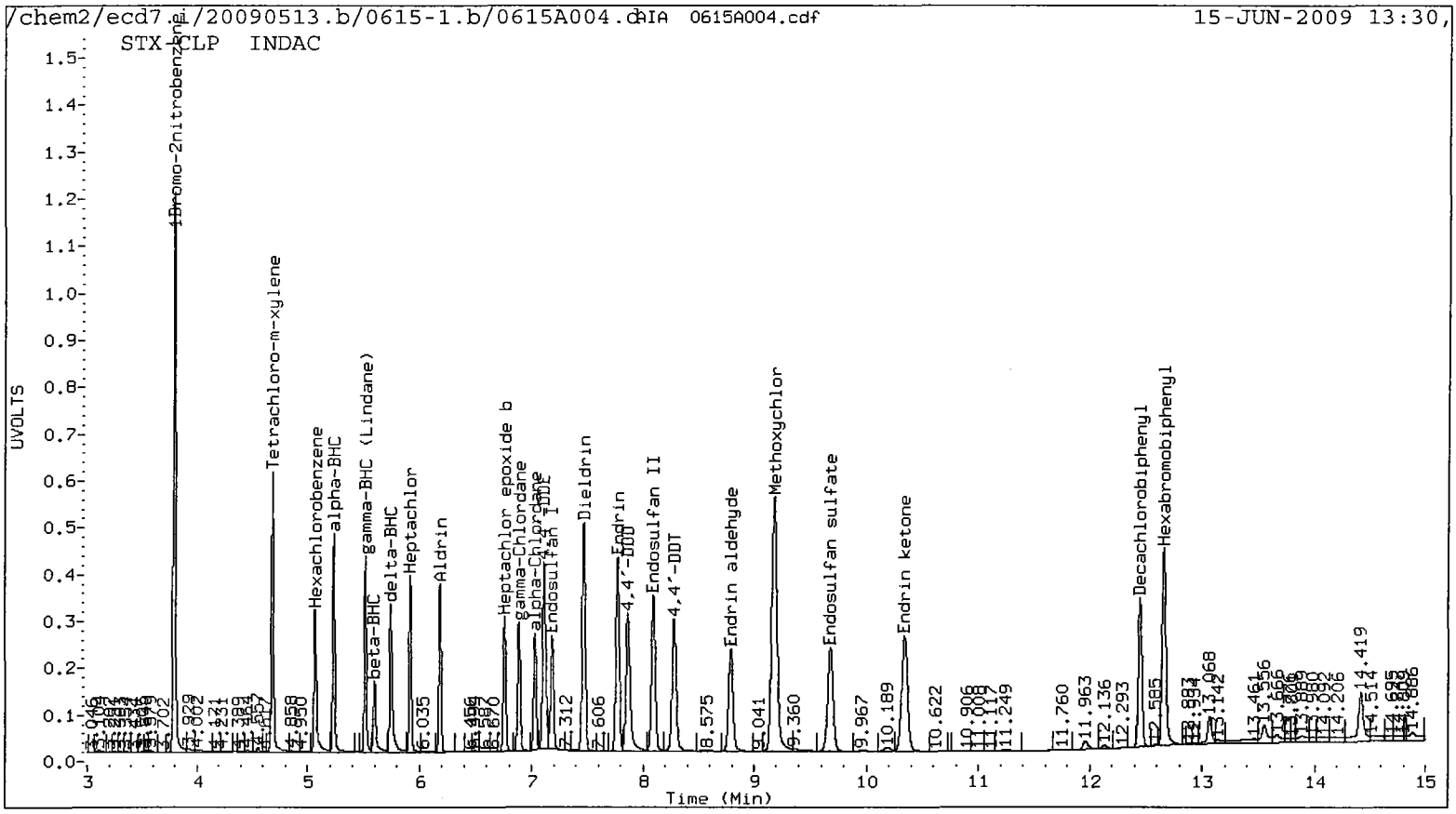
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	3232231	12.2
Hexabromobiphenyl	1666064	2006208	20.4

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3143443	-1.5
Hexabromobiphenyl	1322411	1410051	6.6

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	STX-CLP Col Peak#	RT	Shift	Height	Amount	CLP2 Col Peak#	RT	Shift	Height	Amount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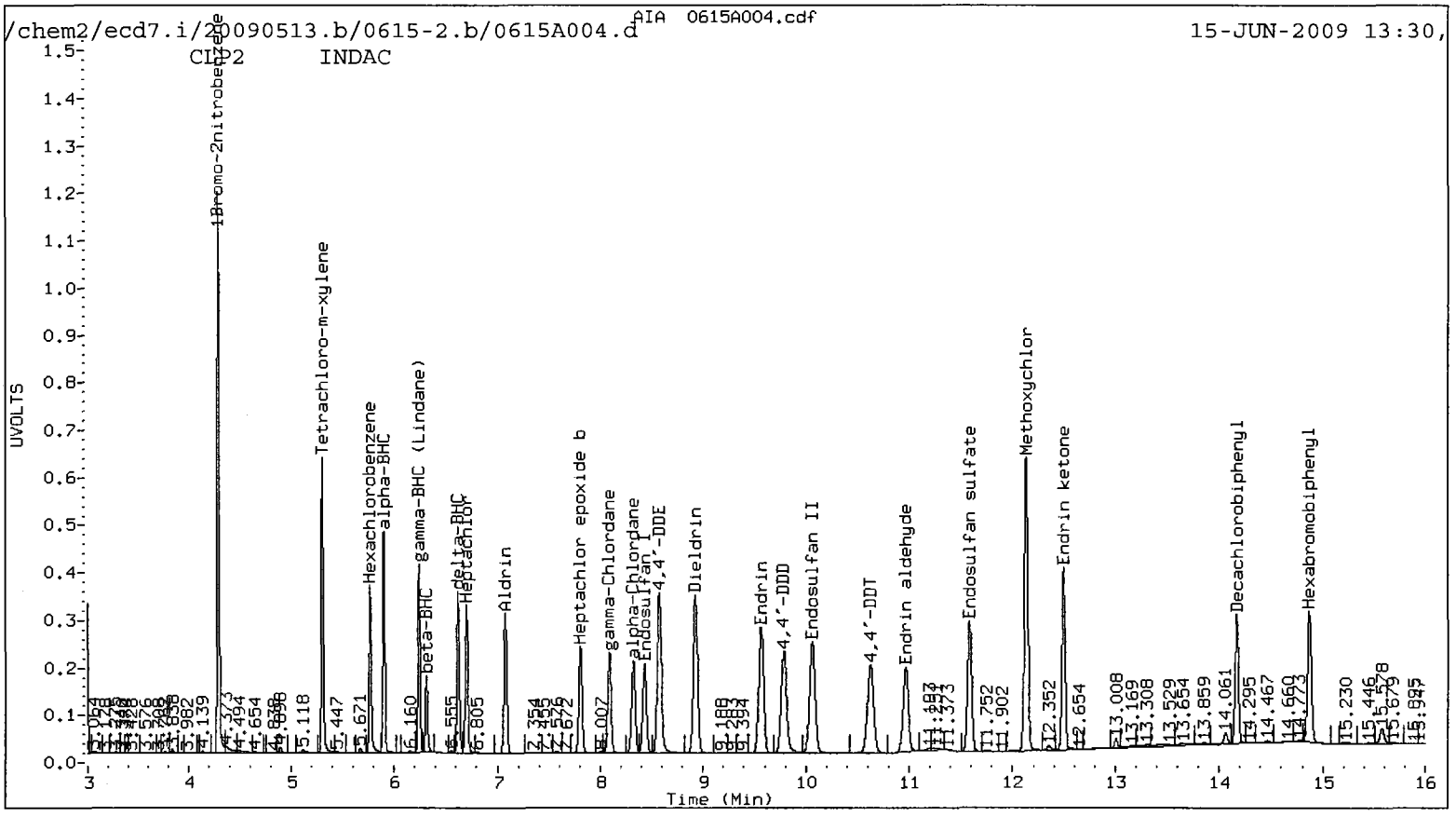
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Methoxychlor
Endosulfan sulfate
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl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15-JUN-2009 13:30,
CLP2 INDAC
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Endosulfan sulfate
Methoxychlor
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

7E

8081 DDT/ENDRIN BREAKDOWN VERIFICATION SUMMARY

Lab ID: DS ARI Job No.: 20090513

Analysis Date: 15-JUN-2009 16:57 Init. Calib. Date: 13-MAY-2009

GC Column: STX-CLP1 ID: 0.53(mm)

COMPOUND	RT	AREA
4,4'-DDE	7.119	82808
Endrin	7.774	3309642
4,4'-DDD	7.869	238566
4,4'-DDT	8.283	2919040
Endrin ketone	10.344	239768
Endrin aldehyde	8.800	103394

DDT Percent Breakdown = 9.9 %
((82808+238566) * 100)/(82808+238566+2919040)

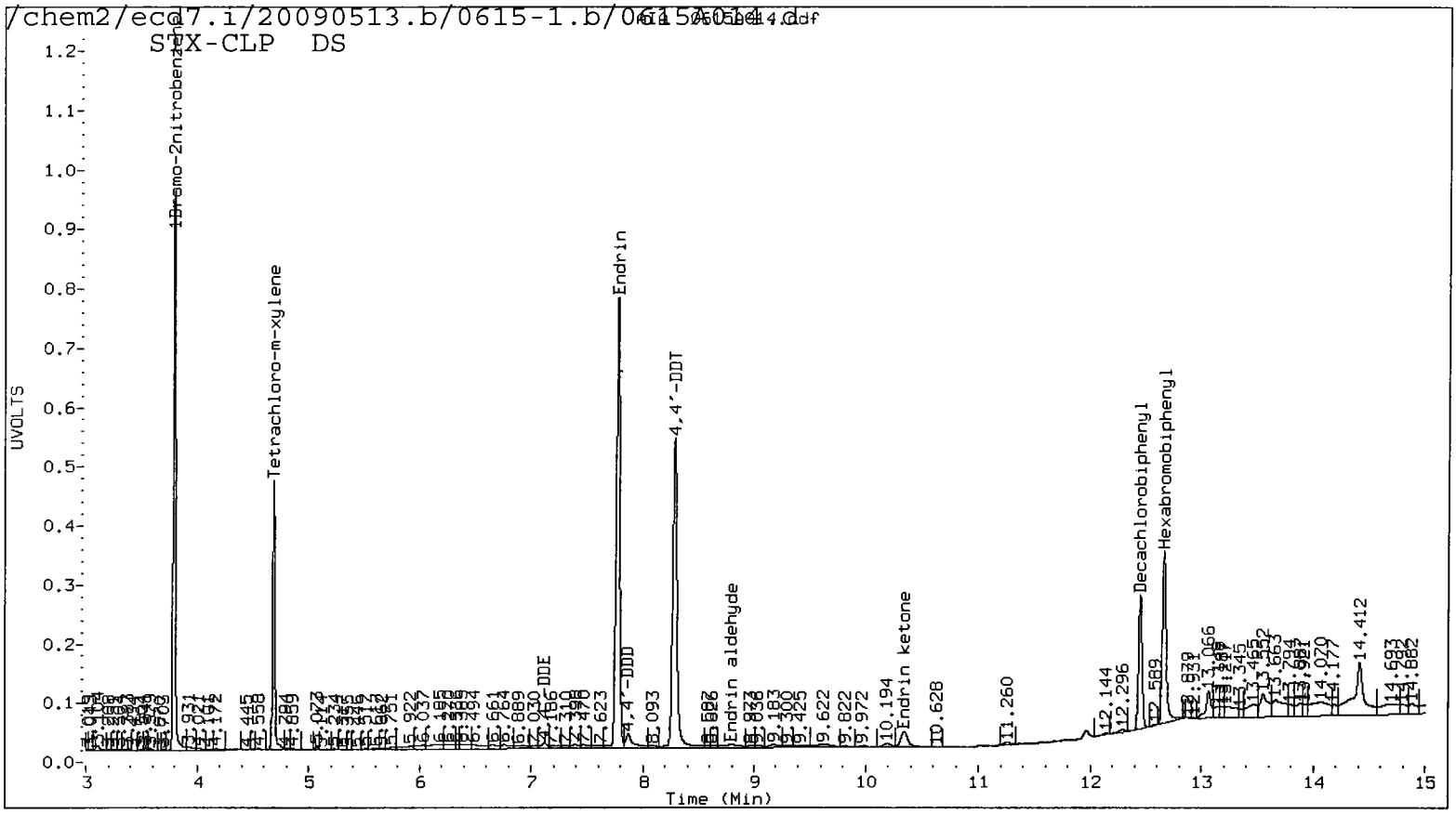
Endrin Percent Breakdown = 9.4 %
((103394+239768) * 100)/(103394+239768+3309642)

GC Column: STX-CLP2 ID: 0.53(mm)

COMPOUND	RT	AREA
4,4'-DDE	8.579	56083
Endrin	9.567	3476961
4,4'-DDD	9.791	259989
4,4'-DDT	10.625	3071081
Endrin ketone	12.497	268900
Endrin aldehyde	10.979	51097

DDT Percent Breakdown = 9.3 %
((56083+259989) * 100)/(56083+259989+3071081)

Endrin Percent Breakdown = 8.4 %
((51097+268900) * 100)/(51097+268900+3476961)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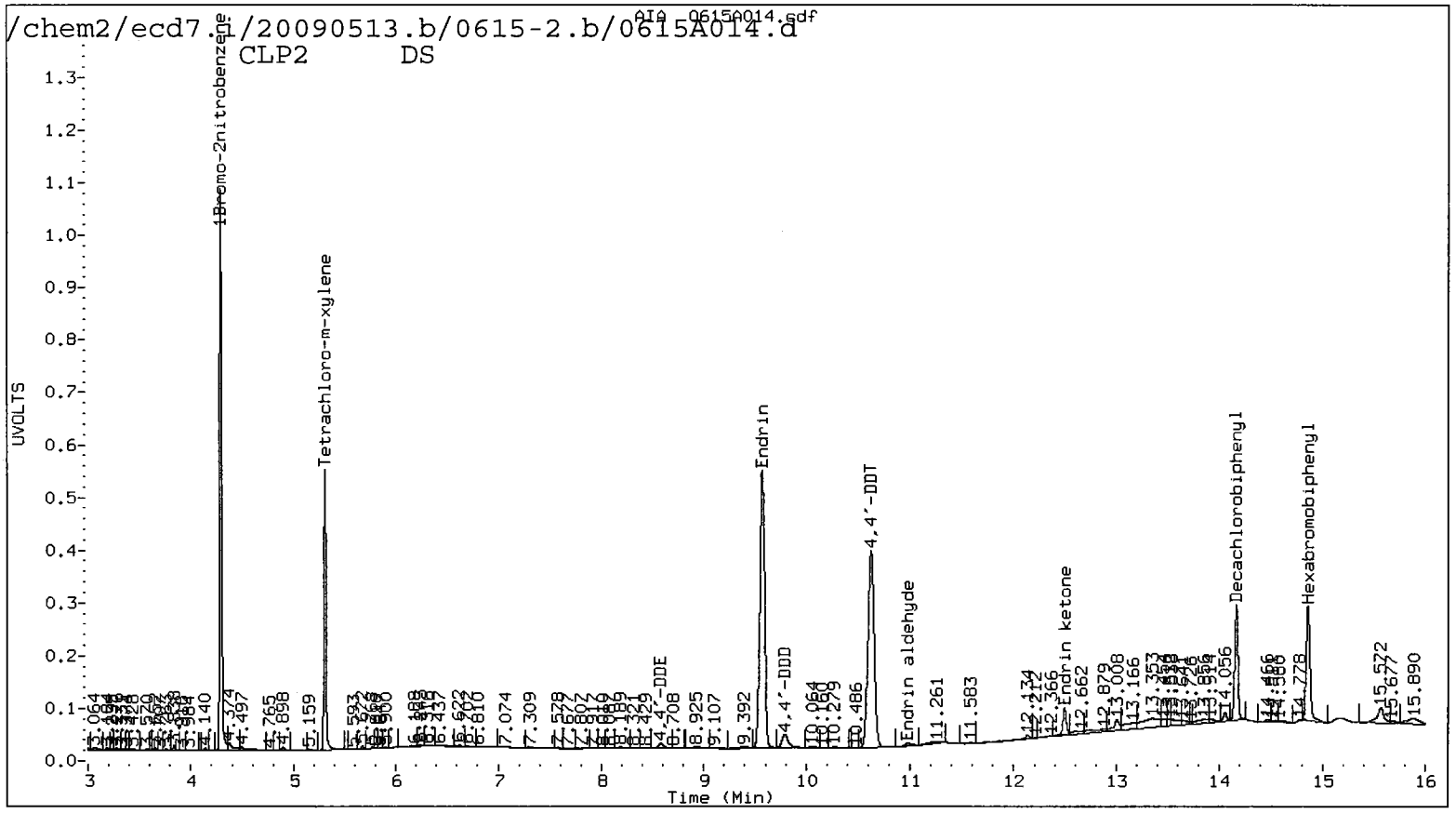
STX-CLP DS
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Endrin
4,4'-DDT
Endrin aldehyde
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl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CLP2 DS
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Endrin
4,4'-DDT
Endrin aldehyde
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

7E

8081 PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC.

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: STX-CLP1 ID: 0.53 (mm)

Init. Calib. Date: 05/13/09

Lab Ccal ID: INDAC Date/Time Analyzed: 06/15/09,1718

PEST MIX COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.24	5.18	5.28	23.0	20.0	14.8
beta-BHC	5.60	5.55	5.65	21.2	20.0	5.8
delta-BHC	5.75	5.70	5.80	22.6	20.0	13.1
gamma-BHC (Lindane)	5.52	5.47	5.57	22.5	20.0	12.5
Heptachlor	5.92	5.87	5.97	21.9	20.0	9.3
Aldrin	6.19	6.13	6.23	24.0	20.0	20.0
Heptachlor epoxide b	6.76	6.71	6.81	19.5	20.0	-2.5
Endosulfan I	7.19	7.14	7.24	20.9	20.0	4.4
Dieldrin	7.47	7.42	7.52	44.7	40.0	11.7
4,4'-DDE	7.11	7.07	7.17	46.6	40.0	16.5
Endrin	7.77	7.72	7.82	47.5	40.0	18.6
Endosulfan II	8.10	8.05	8.15	45.9	40.0	14.7
4,4'-DDD	7.87	7.82	7.92	45.9	40.0	14.8
Endosulfan sulfate	9.68	9.63	9.73	45.3	40.0	13.2
4,4'-DDT	8.28	8.23	8.33	47.7	40.0	19.2
Methoxychlor	9.18	9.13	9.23	215.8	200.0	7.9
Endrin ketone	10.34	10.29	10.39	43.8	40.0	9.5
Endrin aldehyde	8.79	8.74	8.84	41.9	40.0	4.8
gamma-Chlordane	6.89	6.84	6.94	21.9	20.0	9.3
alpha-Chlordane	7.03	6.98	7.08	21.0	20.0	5.0
Hexachlorobutadiene	2.46	2.41	2.51	21.0	20.0	4.8
Hexachlorobenzene	5.07	5.02	5.12	20.8	20.0	4.1
Tetrachloro-m-xylene	4.69	4.64	4.74	43.3	40.0	8.3
Decachlorobiphenyl	12.45	12.40	12.50	37.9	40.0	-5.2

7E

8081 PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC.

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: STX-CLP2 ID: 0.53 (mm)

Init. Calib. Date: 05/13/09

Lab Ccal ID: INDAC Date/Time Analyzed: 06/15/09,1718

PEST MIX COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.90	5.85	5.95	19.9	20.0	-0.7
beta-BHC	6.32	6.26	6.36	21.3	20.0	6.7
delta-BHC	6.62	6.57	6.67	20.0	20.0	-0.2
gamma-BHC (Lindane)	6.24	6.19	6.29	19.9	20.0	-0.6
Heptachlor	6.70	6.65	6.75	19.0	20.0	-5.1
Aldrin	7.08	7.03	7.13	19.5	20.0	-2.7
Heptachlor epoxide b	7.81	7.76	7.86	22.0	20.0	10.2
Endosulfan I	8.43	8.38	8.48	19.5	20.0	-2.4
Dieldrin	8.93	8.87	8.97	39.7	40.0	-0.6
4,4'-DDE	8.57	8.52	8.62	39.8	40.0	-0.4
Endrin	9.57	9.52	9.62	38.4	40.0	-4.0
Endosulfan II	10.06	10.01	10.11	38.6	40.0	-3.4
4,4'-DDD	9.79	9.73	9.83	38.6	40.0	-3.5
Endosulfan sulfate	11.58	11.53	11.63	37.3	40.0	-6.9
4,4'-DDT	10.62	10.57	10.67	41.3	40.0	3.2
Methoxychlor	12.13	12.08	12.18	180.3	200.0	-9.9
Endrin ketone	12.50	12.45	12.55	35.7	40.0	-10.6
Endrin aldehyde	10.96	10.91	11.01	34.3	40.0	-14.3
gamma-Chlordane	8.09	8.04	8.14	19.8	20.0	-1.0
alpha-Chlordane	8.32	8.27	8.37	19.2	20.0	-4.0
Hexachlorobutadiene	2.99	2.94	3.04	19.7	20.0	-1.4
Hexachlorobenzene	5.77	5.72	5.82	19.1	20.0	-4.7
Tetrachloro-m-xylene	5.31	5.26	5.36	40.2	40.0	0.5
Decachlorobiphenyl	14.16	14.11	14.21	37.3	40.0	-6.8

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

Data file 1: /chem2/ecd7.i/20090513.b/0615-1.b/0615A015.d ARI ID: INDAC
Data file 2: /chem2/ecd7.i/20090513.b/0615-2.b/0615A015.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 15-JUN-2009 17:18
Compound Sublist: INDA Report Date: 06/16/2009 10:47
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.797	0.001	3216663	4.289	0.001	3505714	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.236	0.001	1160016	5.900	0.001	1310252	22.9663	19.8515	14.5	alpha-BHC A B
5.599	0.000	471744	6.315	0.002	511796	21.1635	21.3382	0.8	beta-BHC A B
5.746	-0.001	981113	6.621	0.001	1135195	22.6179	19.9599	12.5	delta-BHC A B
5.517	0.001	1019100	6.243	0.001	1170104	22.5076	19.8754	12.4	gamma-BHC (Lindane) A B
5.921	0.001	1051077	6.703	0.001	1145856	21.8590	18.9701	14.2	Heptachlor A B
6.185	0.001	1034830	7.076	0.001	1106399	23.9933	19.4590	20.9	Aldrin A B
6.761	0.000	932323	7.806	0.001	1063002	19.5000	22.0443	12.2	Heptachlor epoxide b A B
7.186	0.000	988220	8.430	0.001	1037603	20.8773	19.5197	6.7	Endosulfan I A B
7.471	0.000	1910641	8.925	0.001	2132809	44.6930	39.7402	11.7	Dieldrin A B
7.114	-0.003	1586219	8.573	0.001	2048056	46.5991	39.8469	15.6	4,4'-DDE A B
7.773	0.000	1744607	9.566	0.000	1957480	47.4514	38.4130	21.1	Endrin A B
8.096	0.000	1527097	10.062	0.002	1879940	45.8778	38.6383	17.1	Endosulfan II A B
7.866	-0.003	1532001	9.786	0.001	1818097	45.9040	38.5814	17.3	4,4'-DDD A B
9.681	-0.001	1473043	11.583	0.001	1613485	45.2929	37.2527	19.5	Endosulfan sulfate A B
8.282	-0.002	1533956	10.624	0.001	1689770	47.6772	41.2789	14.4	4,4'-DDT A B
9.180	-0.002	3919583	12.131	-0.001	3296397	215.8048	180.2764	17.9	Methoxychlor A B
10.341	0.000	1791100	12.496	0.000	1731330	43.8131	35.7406	20.3	Endrin ketone A B
8.792	-0.001	1174958	10.964	0.002	1301278	41.9050	34.2940	20.0	Endrin aldehyde A B
6.889	0.000	936106	8.088	0.001	1075217	21.8573	19.7953	9.9	gamma-Chlordane A B
7.030	0.000	845961	8.320	0.001	1024448	21.0002	19.2005	9.0	alpha-Chlordane A B
2.465	0.001	1397669	2.985	0.000	1543727	20.9564	19.7291	6.0	Hexachlorobutadiene A B
5.071	0.001	904963	5.768	0.001	1059426	20.8122	19.0641	8.8	Hexachlorobenzene A B
12.663	-0.003	1841306	14.860	0.001	1503846	80.0000	80.0000	0.0	Hexabromobiphenyl A B
4.687	0.001	1585150	5.306	0.001	1774673	43.3379	40.2150	7.5	Tetrachloro-m-xylene A B
12.451	0.000	1266120	14.163	0.000	1219686	37.9248	37.2966	1.7	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	108.3	100.5	100.5~	150- 0
Decachlorobiphenyl	94.8	93.2	93.2~	150- 0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

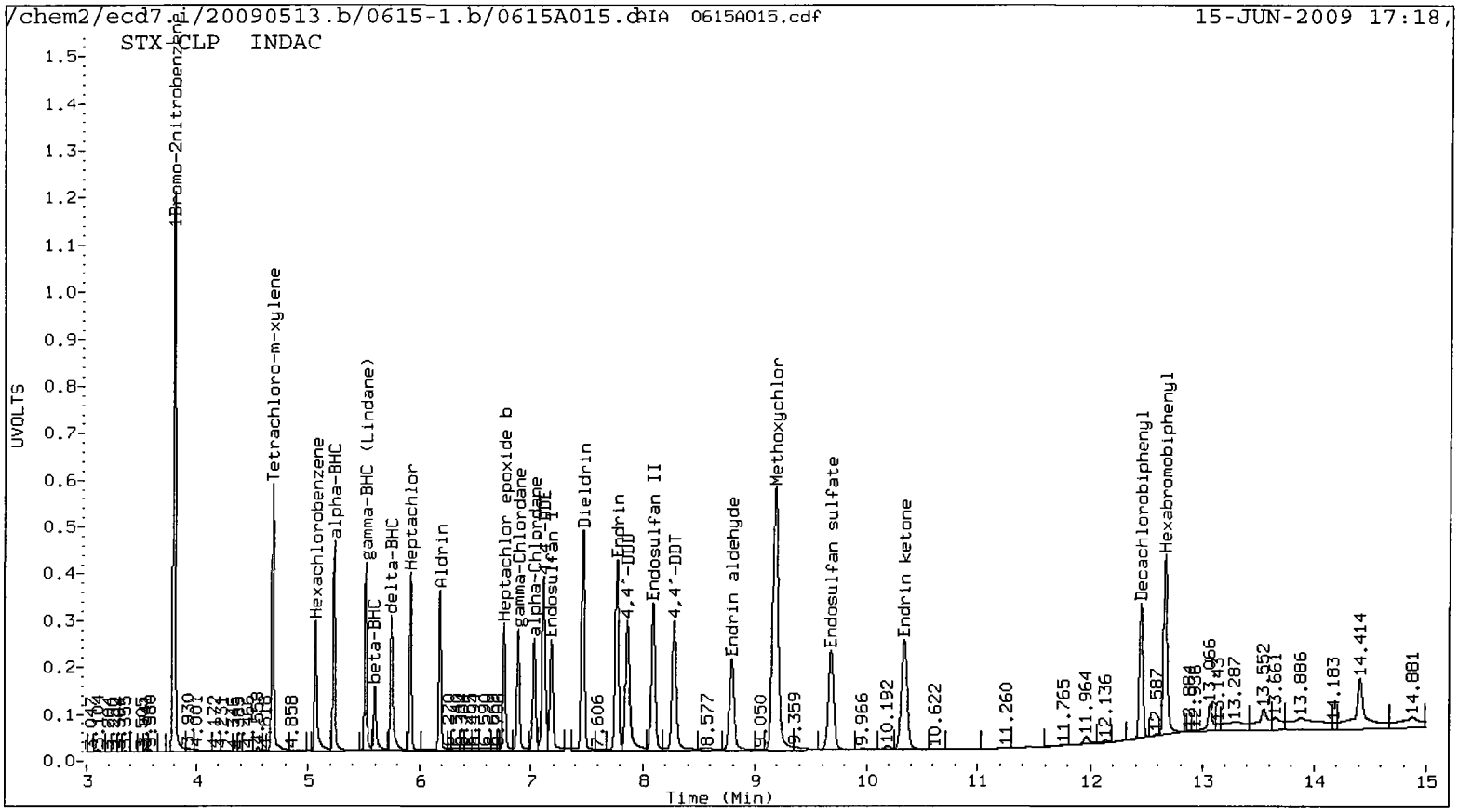
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	3216663	11.7
Hexabromobiphenyl	1666064	1841306	10.5

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	3505714	9.8
Hexabromobiphenyl	1322411	1503846	13.7

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	STX-CLP Col Peak#	RT	Shift	Height	Amount	CLP2 Col Peak#	RT	Shift	Height	Amount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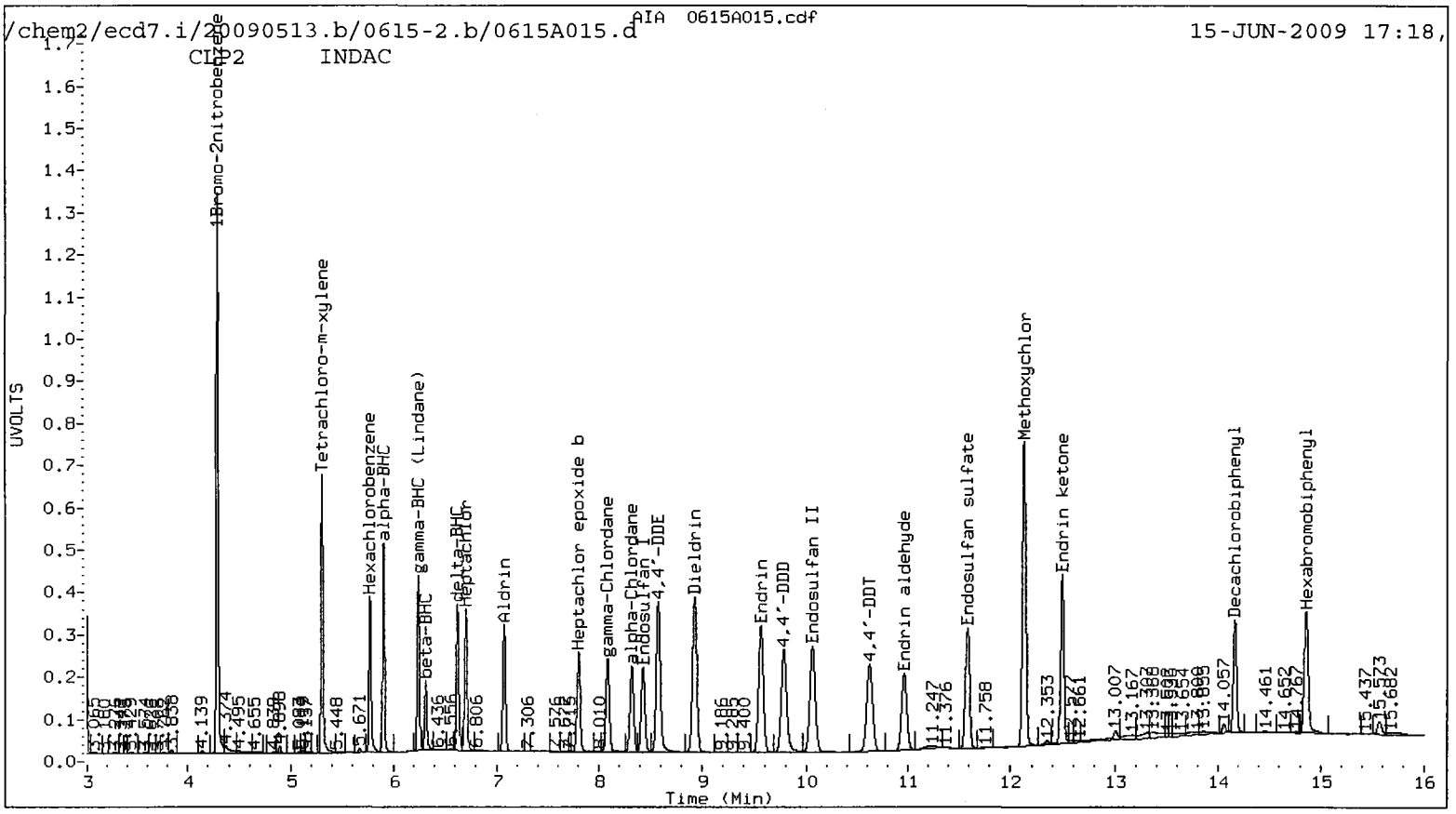
15-JUN-2009 17:18,
STX-CLP INDAC
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Methoxychlor
Endosulfan sulfate
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl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AIA 0615A015.cdf
15-JUN-2009 17:18,
CLP2 INDAC
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Endosulfan sulfate
Methoxychlor
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

Pesticide Analysis
QC Raw Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: MB-060809
METHOD BLANK

Lab Sample ID: MB-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed: 06/11/09 20:23
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.0 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
118-74-1	Hexachlorobenzene	1.0	< 1.0 U
87-68-3	Hexachlorobutadiene	1.0	< 1.0 U

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery

Decachlorobiphenyl	96.8%
Tetrachlorometaxylene	79.2%

FORM I

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

AR 6/16/09

Data file 1: /chem2/ecd7.i/20090513.b/0611-1.b/0611A022.d ARI ID: PB06MBS1
Data file 2: /chem2/ecd7.i/20090513.b/0611-2.b/0611A022.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 11-JUN-2009 20:23
Compound Sublist: wpest Report Date: 06/16/2009 11:25
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.796	0.000	2279090	4.289	0.000	2471339	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
----			----			0.0000	0.0000	---	alpha-BHC
5.588	-0.011	7455	----			0.4721	0.0000	---	beta-BHC
5.768	0.020	21259	6.654	0.035	2328	0.6917	0.0581	169.0*	delta-BHC A B
5.522	0.006	9336	----			0.2910	0.0000	---	gamma-BHC (Lindane)
5.923	0.002	19347	6.705	0.002	4986	0.5679	0.1171	131.6*	Heptachlor A B
6.231	0.047	7544	7.072	-0.003	15837	0.2469	0.3951	46.2*	Aldrin A B
6.762	0.001	20668	7.782	-0.023	1464	0.6101	0.0431	173.6*	Heptachlor epoxide b A B
7.224	0.038	17561	----			0.5236	0.0000	---	Endosulfan I
7.463	-0.007	14233	----			0.4699	0.0000	---	Dieldrin
7.113	-0.004	25450	8.577	0.004	22426	1.0553	0.6190	52.1*	4,4'-DDE A B
7.732	-0.042	7387	----			0.2827	0.0000	---	Endrin
----			10.080	0.020	5653	0.0000	0.1740	---	Endosulfan II
7.868	-0.001	99416	9.788	0.003	104998	4.1908	3.3360	22.7	4,4'-DDD A B
----			----			0.0000	0.0000	---	Endosulfan sulfate
8.283	-0.001	38256	10.625	0.002	34135	1.6728	1.2485	29.1	4,4'-DDT A B
9.183	0.002	4482	12.140	0.008	1067	0.3472	0.0874	119.6*	Methoxychlor A B
----			----			0.0000	0.0000	---	Endrin ketone
8.840	0.048	4558	----			0.2287	0.0000	---	Endrin aldehyde
6.863	-0.026	24894	----			0.8204	0.0000	---	gamma-Chlordane
----			----			0.0000	0.0000	---	alpha-Chlordane
2.432	-0.032	20948	2.982	-0.004	38680	0.4433	0.7013	45.1*	Hexachlorobutadiene A B
5.074	0.004	28605	5.769	0.003	10399	0.9285	0.2655	111.1*	Hexachlorobenzene A B
6.660	0.002	26637	7.663	-0.013	6286	1.0604	0.2031	135.7*	Oxychlordane A B
----			8.047	-0.013	3948	0.0000	0.1649	---	2,4-DDE
6.999	-0.011	21085	----			0.7436	0.0000	---	trans-Nonachlor
7.313	-0.003	25865	8.959	0.000	27797	1.4763	1.2066	20.1	2,4-DDD A B
7.625	-0.002	19122	9.623	0.000	7907	1.0387	0.3452	100.2*	2,4-DDT A B
----			----			0.0000	0.0000	---	cis-Nonachlor
9.437	0.029	1398	----			0.0638	0.0000	---	Mirex
12.662	-0.004	1308800	14.859	0.001	1004430	80.0000	80.0000	0.0	Hexabromobiphenyl A B
----			2.158	0.013	26855	0.0000	0.3606	---	Hexachloroethane
4.687	0.001	822287	5.306	0.000	971868	31.7296	31.2407	1.6	Tetrachloro-m-xylene A B
12.451	0.000	866839	14.162	-0.001	845312	36.5292	38.7010	5.8	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	79.3	78.1	78.1	150- 0

Decachlorobiphenyl	91.3	96.8	91.3~	150-	0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2279090	-20.9
Hexabromobiphenyl	1666064	1308800	-21.4

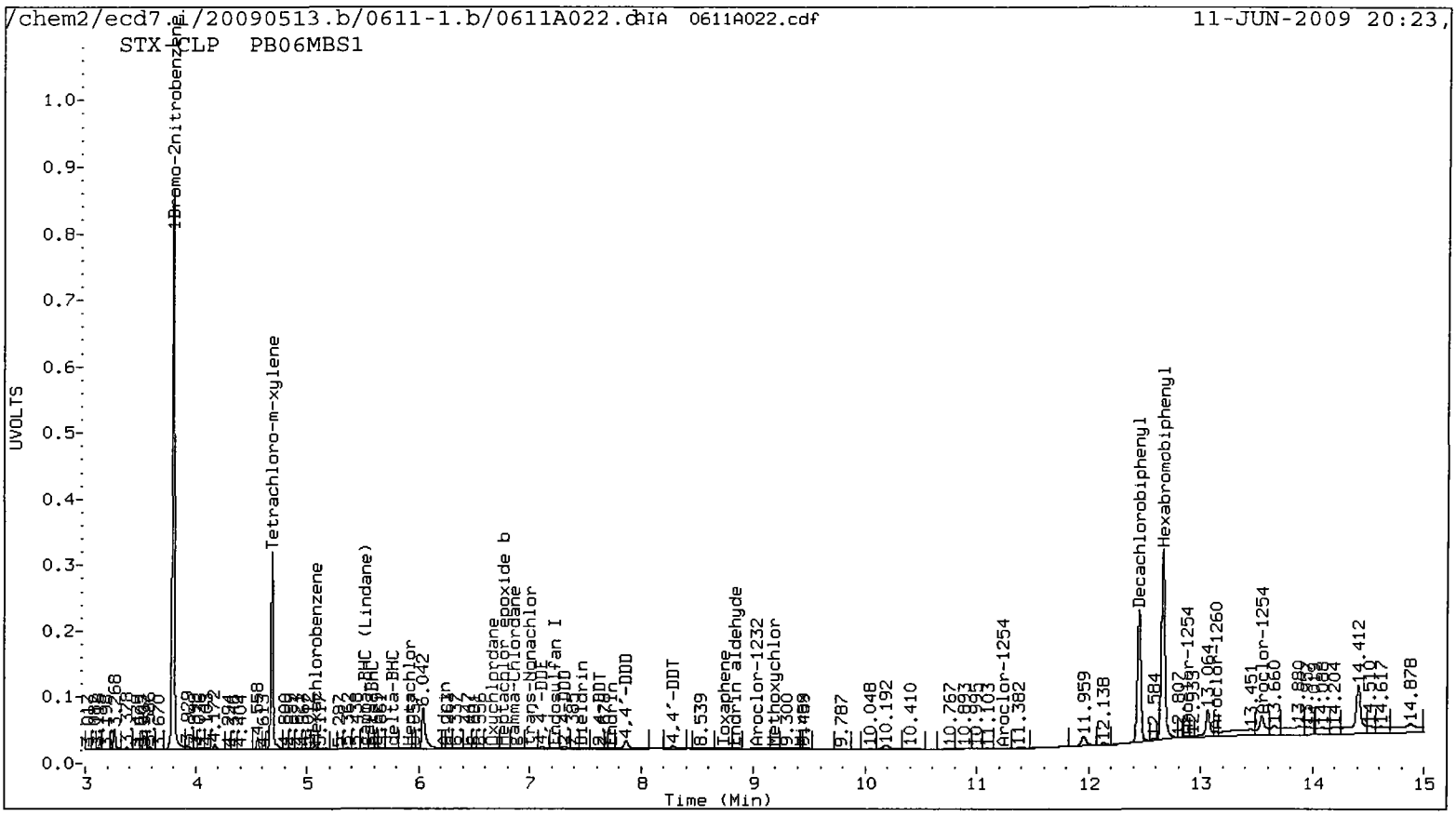
Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	2471339	-22.6
Hexabromobiphenyl	1322411	1004430	-24.0

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	STX-CLP Col RT	Shift	Height	Amount	Peak#	CLP2 Col RT	Shift	Height	Amount
Toxaphene	1	7.732	0.023	7387	7.638	1	---			0.000
Toxaphene	2	---			0.000	2	---			0.000
Toxaphene	3	8.283	0.013	38256	38.125	3	---			0.000
Toxaphene	4	8.735	-0.006	14231	9.858	4	---			0.000
Toxaphene	5	9.437	-0.001	1398	0.987	5	---			0.000
Toxaphene	6	---			0.000	NS	---			----
Total STX-CLPAve (4 peaks): 14.152						CLP2Ave: <3 Quant Peaks				
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
Aroclor-1016	5	---			0.000	5	---			0.000
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
Aroclor-1221	4	---			0.000	4	---			0.000
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
Aroclor-1232	5	---			0.000	5	---			0.000
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	5	---			0.000	5	---			0.000
Aroclor-1242	6	---			0.000	NS	---			----
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000

Aroclor-1248	3	---	0.000	3	---	0.000
Aroclor-1248	4	---	0.000	4	---	0.000
Aroclor-1248	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1254	1	---	0.000	1	---	0.000
Aroclor-1254	2	---	0.000	2	---	0.000
Aroclor-1254	3	---	0.000	3	---	0.000
Aroclor-1254	4	---	0.000	4	---	0.000
Aroclor-1254	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1260	1	---	0.000	1	---	0.000
Aroclor-1260	2	---	0.000	2	---	0.000
Aroclor-1260	3	---	0.000	3	---	0.000
Aroclor-1260	4	---	0.000	4	---	0.000
Aroclor-1260	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1262	1	---	0.000	1	---	0.000
Aroclor-1262	2	---	0.000	2	---	0.000
Aroclor-1262	3	---	0.000	3	---	0.000
Aroclor-1262	4	---	0.000	4	---	0.000
Aroclor-1262	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1268	1	---	0.000	1	---	0.000
Aroclor-1268	2	---	0.000	2	---	0.000
Aroclor-1268	3	---	0.000	3	---	0.000
Aroclor-1268	4	---	0.000	4	---	0.000
Aroclor-1268	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	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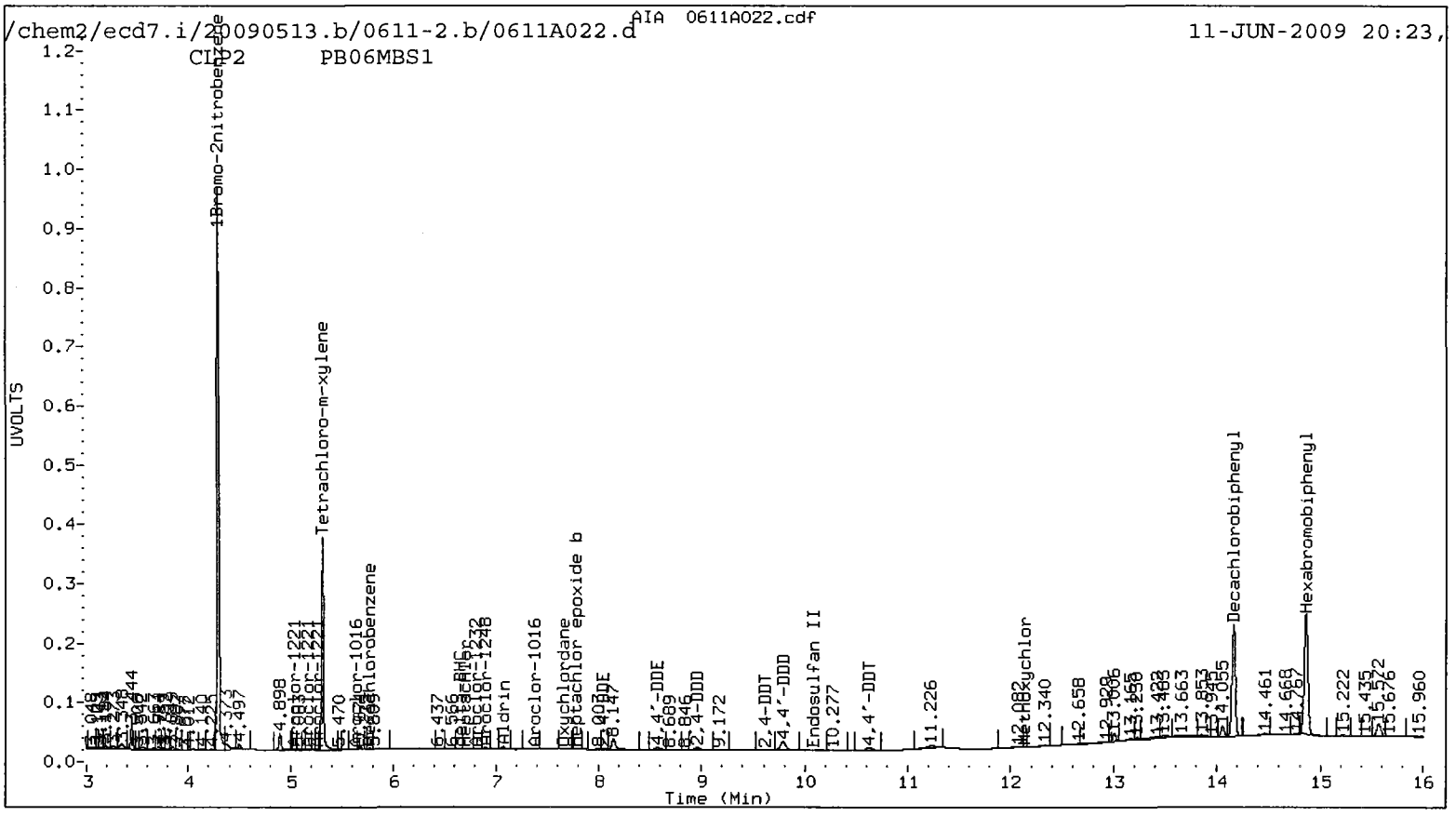
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
Lindane
Heptachlor
Aldrin
Heptachlor epoxide b
Chlordane
Dieldrin
4,4'-DDT
Endosulfan II
Endrin aldehyde
Methoxychlor
Decachlorobiphenyl
Hexabromobiphenyl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AIA 0611A022.cdf
11-JUN-2009 20:23,
CLP2 PB06MBS1
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
Aroclor-1016
Heptachlor epoxide b
Aldrin
4,4'-DDE
4,4'-DDD
4,4'-DDT
Endosulfan II
Methoxychlor
Decachlorobiphenyl
Hexabromobiphenyl

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-07-SS-090602
MATRIX SPIKE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 15:35
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
118-74-1	Hexachlorobenzene	0.98	---
87-68-3	Hexachlorobutadiene	0.98	---

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery

Decachlorobiphenyl	125%
Tetrachlorometaxylene	102%

FORM I

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

AR 6/16/09

Data file 1: /chem2/ecd7.i/20090513.b/0615-1.b/0615A010.d ARI ID: PB06GMS
Data file 2: /chem2/ecd7.i/20090513.b/0615-2.b/0615A010.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 15-JUN-2009 15:35
Compound Sublist: wpest Report Date: 06/16/2009 10:56
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.796	0.001	2570558	4.289	0.000	2588058	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.235	0.001	840183	5.899	0.000	823498	20.8151	16.9006	20.8	alpha-BHC A B
5.596	-0.003	371986	6.313	-0.001	308298	20.8826	17.4114	18.1	beta-BHC A B
5.744	-0.004	935222	6.619	-0.001	1091257	26.9790	25.9907	3.7	delta-BHC A B
5.516	0.000	764060	6.241	0.000	772789	21.1163	17.7809	17.1	gamma-BHC (Lindane) A B
5.920	0.000	847037	6.702	0.000	686459	22.0433	15.3942	35.5	Heptachlor A B
6.185	0.000	643974	7.075	0.000	920274	18.6839	21.9244	16.0	Aldrin A B
6.761	0.000	849833	7.806	0.001	753114	22.2423	21.1556	5.0	Heptachlor epoxide b A B
7.185	-0.001	605552	8.430	0.000	610419	16.0085	15.5551	2.9	Endosulfan I A B
7.470	-0.001	1299649	8.925	0.000	1387815	38.0422	35.0278	8.3	Dieldrin A B
7.106	-0.012	1256847	8.570	-0.003	1280227	46.2035	33.7398	31.2	4,4'-DDE A B
7.773	0.000	1226993	9.566	0.000	1273327	39.5862	39.0188	1.4	Endrin A B
8.094	-0.002	1085708	10.061	0.001	1458288	38.6901	46.8027	19.0	Endosulfan II A B
7.857	-0.012	1192681	9.781	-0.004	1074181	42.3903	35.5952	17.4	4,4'-DDD A B
9.680	-0.002	1008094	11.582	-0.001	1035946	36.7677	37.3494	1.6	Endosulfan sulfate A B
8.277	-0.007	1244732	10.622	-0.001	1245658	45.8907	47.5174	3.5	4,4'-DDT A B
9.173	-0.008	2980957	12.129	-0.002	2395227	194.6828	204.5498	4.9	Methoxychlor A B
10.340	-0.001	1730171	12.494	-0.002	1244202	50.2023	40.1075	22.4	Endrin ketone A B
8.789	-0.004	540578	10.962	0.000	679886	22.8693	27.9793	20.1	Endrin aldehyde A B
6.888	-0.001	709899	8.088	0.001	776526	20.7418	19.3653	6.9	gamma-Chlordane A B
7.029	-0.001	650751	8.320	0.000	648299	20.2147	16.4589	20.5	alpha-Chlordane A B
2.464	0.001	908296	2.985	-0.001	936777	17.0419	16.2172	5.0	Hexachlorobutadiene A B
5.070	0.000	733680	5.766	0.000	735216	21.1141	17.9211	16.4	Hexachlorobenzene A B
----			7.643	-0.033	159779	0.0000	4.9287	---	Oxychlordane
6.701	-0.049	11779	----			0.5205	0.0000	---	2,4-DDE
6.968	-0.042	284451	8.202	-0.027	295773	8.4580	8.8933	5.0	trans-Nonachlor A B
7.345	0.029	190177	----			9.1521	0.0000	---	2,4-DDD
7.655	0.028	14047	----			0.6433	0.0000	---	2,4-DDT
----			----			0.0000	0.0000	---	cis-Nonachlor
9.394	-0.014	325985	12.403	-0.033	162282	12.5326	8.9157	33.7	Mirex A B
12.657	-0.009	1552298	14.864	0.006	963053	80.0000	80.0000	0.0	Hexabromobiphenyl A B
1.659	0.003	161	2.109	-0.036	28870	0.0836	0.3701	126.3*	Hexachloroethane B
4.687	0.001	1187441	5.306	0.000	1114630	40.6244	34.2139	17.1	Tetrachloro-m-xylene A B
12.448	-0.003	1061890	14.168	0.005	1047194	37.7293	50.0036	28.0	Decachlorobiphenyl A B

NS
NS
NR

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	101.6	85.5	85.5~	150- 0

Decachlorobiphenyl	94.3	125.0 ✓	94.3~	150-	0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

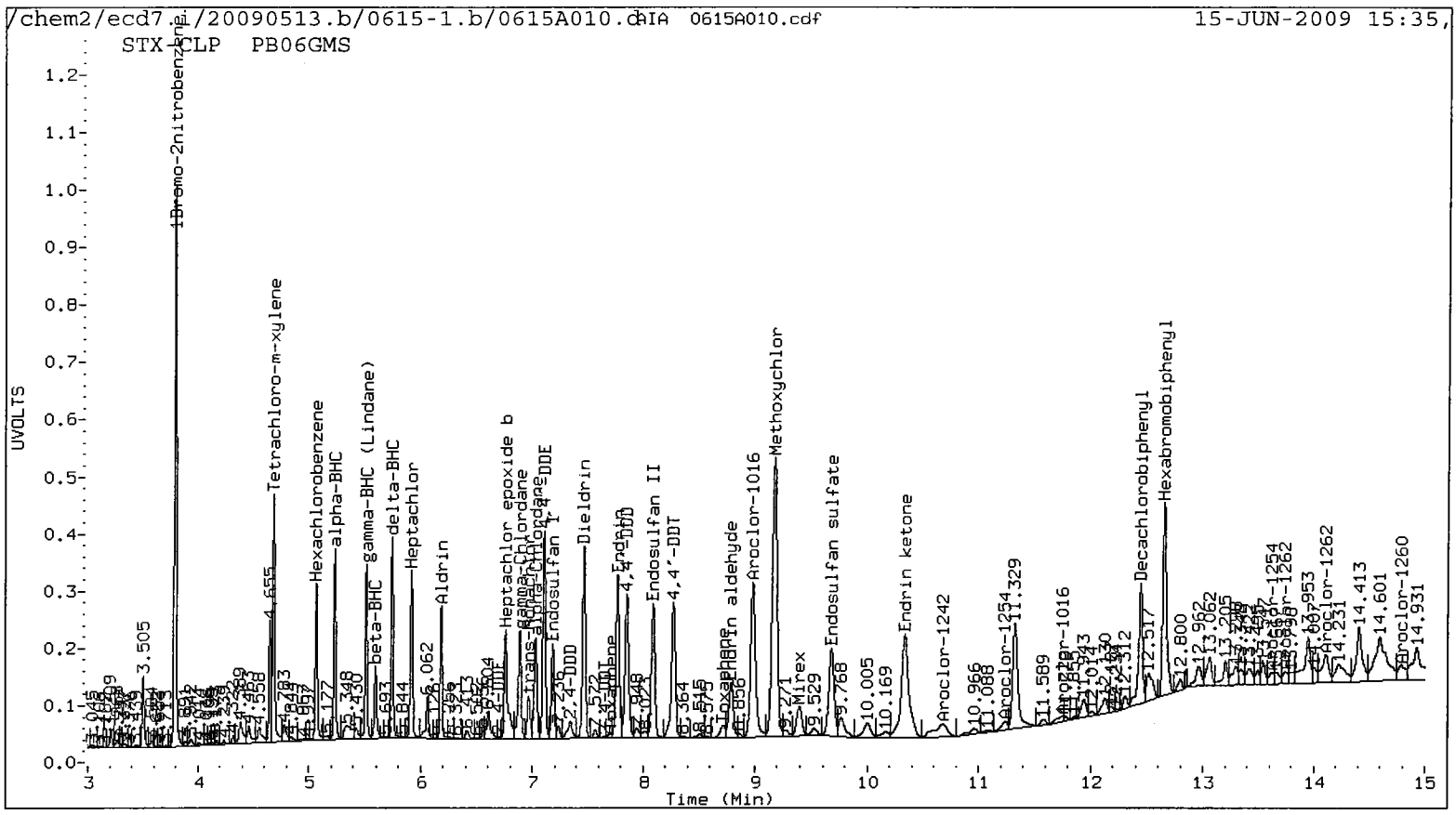
Standard Cpnd	Column 1 Standard Area*	Column 1 Sample Area	Column 1 %D
Bromo-Nitrobenzene	2880647	2570558	-10.8
Hexabromobiphenyl	1666064	1552298	-6.8

Standard Cpnd	Column 2 Standard Area*	Column 2 Sample Area	Column 2 %D
Bromo-Nitrobenzene	3192536	2588058	-18.9
Hexabromobiphenyl	1322411	963053	-27.2

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	STX-CLP Col RT	STX-CLP Col Shift	STX-CLP Col Height	STX-CLP Col Amount	Peak#	CLP2 Col RT	CLP2 Col Shift	CLP2 Col Height	CLP2 Col Amount
Toxaphene	1	7.708	-0.001	39064	34.053	1	9.414	-0.014	98151	106.307
Toxaphene	2	---			0.000	2	10.284	0.011	11676	7.144
Toxaphene	3	8.277	0.007	1244732	1045.874	3	10.962	-0.019	679886	363.863
Toxaphene	4	8.718	-0.023	127782	74.625	4	12.072	0.043	498528	353.584
Toxaphene	5	9.394	-0.044	325985	194.028	5	12.881	-0.026	44048	79.348
Toxaphene	6	---			0.000	NS	---			----
		Total STX-CLPAve (4 peaks): 337.145				Total CLP2Ave (5 peaks): 182.049				RPD = 60*
		Corrected Ave (3 peaks): 100.902				Corrected Ave (3 peaks): 64.266				RPD = 44*
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
Aroclor-1016	5	---			0.000	5	---			0.000
		STX-CLPAve: <3 Quant Peaks				CLP2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
Aroclor-1221	4	---			0.000	4	---			0.000
		STX-CLPAve: <3 Quant Peaks				CLP2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
Aroclor-1232	5	---			0.000	5	---			0.000
		STX-CLPAve: <3 Quant Peaks				CLP2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	5	---			0.000	5	---			0.000
Aroclor-1242	6	---			0.000	NS	---			----
		STX-CLPAve: <3 Quant Peaks				CLP2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000

Aroclor-1248	2	---	0.000	2	---	0.000
Aroclor-1248	3	---	0.000	3	---	0.000
Aroclor-1248	4	---	0.000	4	---	0.000
Aroclor-1248	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1254	1	---	0.000	1	---	0.000
Aroclor-1254	2	---	0.000	2	---	0.000
Aroclor-1254	3	---	0.000	3	---	0.000
Aroclor-1254	4	---	0.000	4	---	0.000
Aroclor-1254	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1260	1	---	0.000	1	---	0.000
Aroclor-1260	2	---	0.000	2	---	0.000
Aroclor-1260	3	---	0.000	3	---	0.000
Aroclor-1260	4	---	0.000	4	---	0.000
Aroclor-1260	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1262	1	---	0.000	1	---	0.000
Aroclor-1262	2	---	0.000	2	---	0.000
Aroclor-1262	3	---	0.000	3	---	0.000
Aroclor-1262	4	---	0.000	4	---	0.000
Aroclor-1262	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		
Aroclor-1268	1	---	0.000	1	---	0.000
Aroclor-1268	2	---	0.000	2	---	0.000
Aroclor-1268	3	---	0.000	3	---	0.000
Aroclor-1268	4	---	0.000	4	---	0.000
Aroclor-1268	5	---	0.000	5	---	0.000
	STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks		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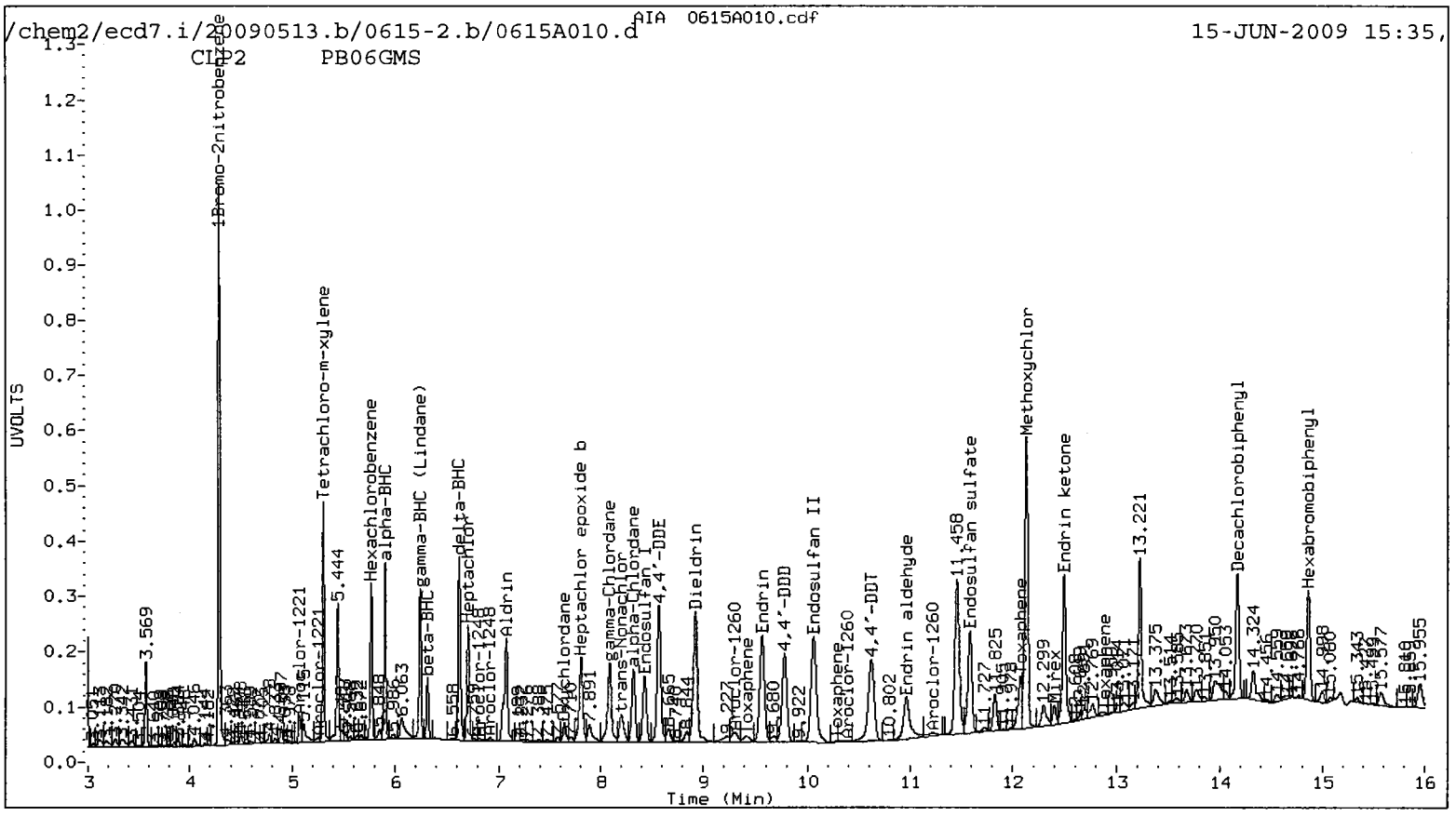
STX-CLP PB06GMS
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Toxaphene
Endrin aldehyde
Aroclor-1016
Methoxychlor
Mirex
Endosulfan sulfate
Endrin ketone
Aroclor-1242
Aroclor-1254
Decachlorobiphenyl
Hexabromobiphenyl
Aroclor-1262
Aroclor-1260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AIA 0615A010.cdf
15-JUN-2009 15:35,
CLP2 PB06GMS
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
trans-Nonachlor
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Toxaphene
Endrin aldehyde
Aroclor-1260
Methoxychlor
Mirex
Endosulfan sulfate
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Pesticides/PCB by GC/ECD
Page 1 of 1

Sample ID: BW-07-SS-090602
MATRIX SPIKE DUP

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 15:55
Instrument/Analyst: ECD7/AAR
GPC Cleanup: No
Sulfur Cleanup: Yes
Florisil Cleanup: No
Acid Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
118-74-1	Hexachlorobenzene	0.97	---
87-68-3	Hexachlorobutadiene	0.97	---

Reported in µg/kg (ppb)

Pest/PCB Surrogate Recovery

Decachlorobiphenyl	125%
Tetrachlorometaxylene	92.2%

FORM I

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

AR 6/16/09

Data file 1: /chem2/ecd7.i/20090513.b/0615-1.b/0615A011.d ARI ID: PB06GMSD
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Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 15-JUN-2009 15:55
Compound Sublist: wpest Report Date: 06/16/2009 10:57
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.797	0.001	2361845	4.289	0.000	2429147	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.235	0.001	694128	5.899	0.000	718220	18.7163	15.7043	17.5	alpha-BHC A B
5.596	-0.003	330192	6.314	0.000	268863	20.1744	16.1776	22.0	beta-BHC A B
5.744	-0.004	795410	6.624	0.004	1552458	24.9735	39.3941	44.8*	delta-BHC A B
5.516	0.000	641384	6.242	0.000	657843	19.2923	16.1264	17.9	gamma-BHC (Lindane) A B
5.916	-0.005	1405273	6.703	0.000	650861	39.8025	15.5507	87.6*	Heptachlor A B
6.185	0.001	561743	7.076	0.000	804375	17.7383	20.4169	14.0	Aldrin A B
6.761	0.001	589969	7.807	0.001	782106	16.8055	23.4073	32.8	Heptachlor epoxide b A B
7.186	0.000	521789	8.430	0.001	540005	15.0131	14.6610	2.4	Endosulfan I A B
7.470	0.000	1124526	8.925	0.001	1239115	35.8248	33.3206	7.2	Dieldrin A B
7.106	-0.011	1100702	8.570	-0.002	1133981	44.0391	31.8406	32.2	4,4'-DDE A B
7.774	0.000	1071436	9.567	0.001	1196960	34.7258	36.9341	6.2	Endrin A B
8.094	-0.002	951133	10.062	0.002	1252376	34.0496	40.4740	17.2	Endosulfan II A B
7.857	-0.012	1048326	9.782	-0.003	971058	37.4302	32.4020	14.4	4,4'-DDD A B
9.680	-0.002	892493	11.582	0.000	945573	32.7005	34.3285	4.9	Endosulfan sulfate A B
8.277	-0.007	1087302	10.623	0.000	1088660	40.2701	41.8176	3.8	4,4'-DDT A B
9.174	-0.008	2663399	12.130	-0.001	2129867	174.7398	183.1548	4.7	Methoxychlor A B
10.340	-0.001	1380418	12.496	0.000	1120280	40.2373	36.3643	10.1	Endrin ketone A B
8.789	-0.003	480110	10.963	0.001	565620	20.4041	23.4390	13.8	Endrin aldehyde A B
6.888	0.000	629924	8.088	0.001	707458	20.0315	18.7971	6.4	gamma-Chlordane A B
7.030	0.000	573046	8.321	0.001	562194	19.3739	15.2066	24.1	alpha-Chlordane A B
2.464	0.001	824913	2.986	0.000	870971	16.8451	16.0643	4.7	Hexachlorobutadiene A B
5.069	0.000	618113	5.767	0.000	654083	19.3602	16.9864	13.1	Hexachlorobenzene A B
----			7.643	-0.032	151880	0.0000	4.9915	---	Oxychlordane
6.704	-0.046	9906	----			0.4398	0.0000	---	2,4-DDE
6.968	-0.042	141127	8.204	-0.025	170033	4.2156	5.1482	19.9	trans-Nonachlor A B
7.345	0.029	137221	----			6.6339	0.0000	---	2,4-DDD
7.655	0.028	44118	----			2.0297	0.0000	---	2,4-DDT
----			----			0.0000	0.0000	---	cis-Nonachlor
9.394	-0.014	229788	12.405	-0.032	119956	8.8747	6.6362	28.9	Mirex A B
12.660	-0.007	1545224	14.877	0.018	956394	80.0000	80.0000	0.0	Hexabromobiphenyl A B
1.656	0.000	520	2.142	-0.003	31659	0.2902	0.4325	39.4	Hexachloroethane B
4.687	0.001	991291	5.306	0.000	979001	36.9107	32.0166	14.2	Tetrachloro-m-xylene A B
12.450	-0.001	883391	14.179	0.016	1041150	31.5309	50.0612	45.4*	Decachlorobiphenyl A B

NS
NR

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	92.3	80.0	80.0~	150- 0

PB06:00838

Decachlorobiphenyl	78.8	125.2 ✓	78.8~	150-	0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2361845	-18.0
Hexabromobiphenyl	1666064	1545224	-7.3

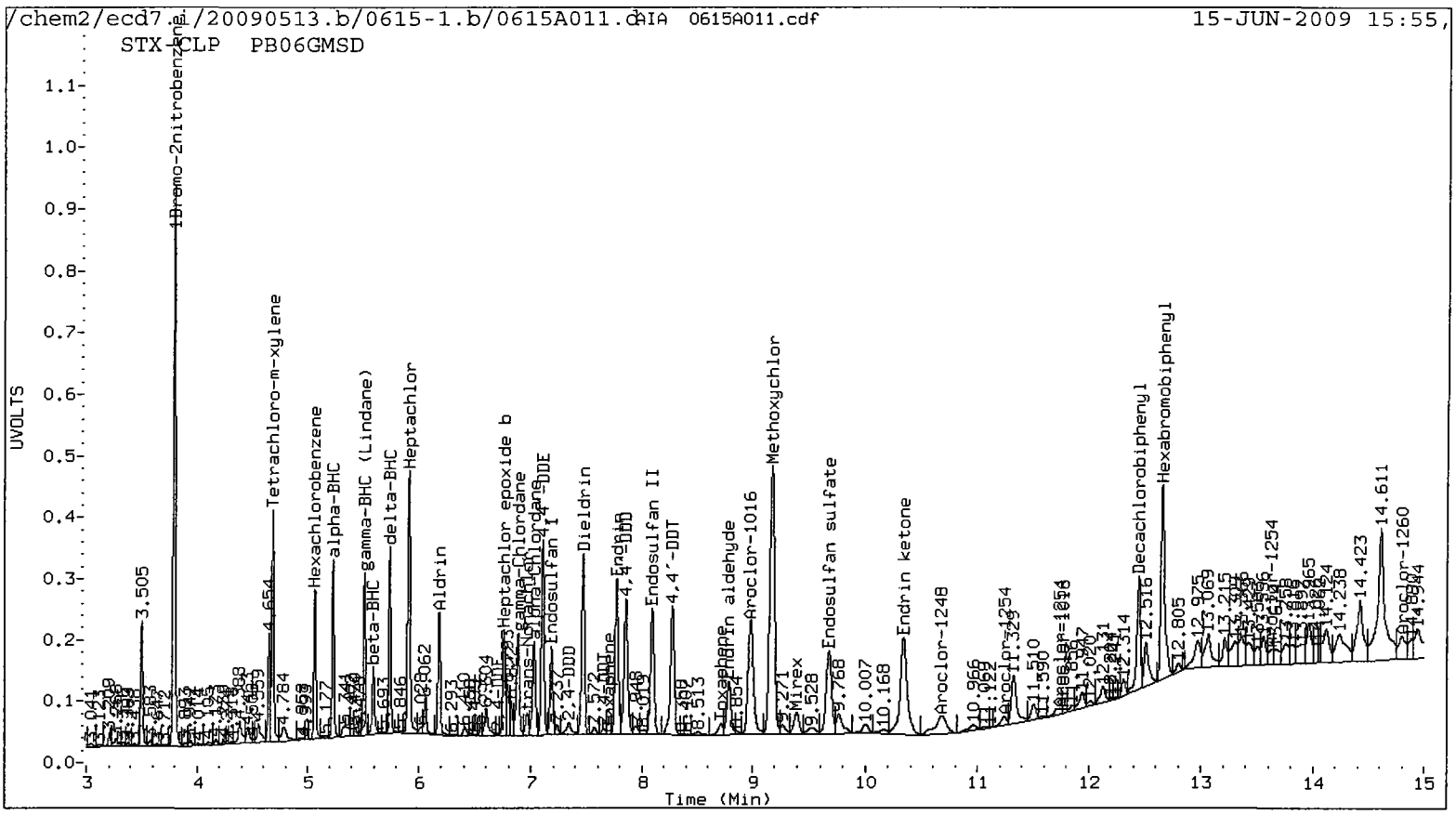
Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	2429147	-23.9
Hexabromobiphenyl	1322411	956394	-27.7

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

		STX-CLP Col					CLP2 Col				
Aroclor	Peak#	RT	Shift	Height	Amount	Peak#	RT	Shift	Height	Amount	
Toxaphene	1	7.705	-0.004	29038	25.429	1	9.407	-0.021	125276	136.630	
Toxaphene	2	---			0.000	2	---			0.000	
Toxaphene	3	8.277	0.007	1087302	917.777	3	10.963	-0.018	565620	304.818	
Toxaphene	4	8.718	-0.023	112547	66.029	4	12.071	0.042	427366	305.223	LRL
Toxaphene	5	9.394	-0.044	229788	137.397	5	12.904	-0.003	49544	89.869	
Toxaphene	6	---			0.000	NS	---			----	
Total STX-CLPAve (4 peaks): 286.658						Total CLP2Ave (4 peaks): 209.135				RPD = 31	
Corrected Ave (3 peaks): 76.285						Corrected Ave (4 peaks): 209.135				RPD = 93*	
Aroclor-1016	1	---			0.000	1	---			0.000	
Aroclor-1016	2	---			0.000	2	---			0.000	
Aroclor-1016	3	---			0.000	3	---			0.000	
Aroclor-1016	4	---			0.000	4	---			0.000	
Aroclor-1016	5	---			0.000	5	---			0.000	
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks					
Aroclor-1221	1	---			0.000	1	---			0.000	
Aroclor-1221	2	---			0.000	2	---			0.000	
Aroclor-1221	3	---			0.000	3	---			0.000	
Aroclor-1221	4	---			0.000	4	---			0.000	
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks					
Aroclor-1232	1	---			0.000	1	---			0.000	
Aroclor-1232	2	---			0.000	2	---			0.000	
Aroclor-1232	3	---			0.000	3	---			0.000	
Aroclor-1232	4	---			0.000	4	---			0.000	
Aroclor-1232	5	---			0.000	5	---			0.000	
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks					
Aroclor-1242	1	---			0.000	1	---			0.000	
Aroclor-1242	2	---			0.000	2	---			0.000	
Aroclor-1242	3	---			0.000	3	---			0.000	
Aroclor-1242	4	---			0.000	4	---			0.000	
Aroclor-1242	5	---			0.000	5	---			0.000	
Aroclor-1242	6	---			0.000	NS	---			----	
STX-CLPAve: <3 Quant Peaks						CLP2Ave: <3 Quant Peaks					
Aroclor-1248	1	---			0.000	1	---			0.000	

Aroclor-1248	2	---	0.000	2	---	0.000
Aroclor-1248	3	---	0.000	3	---	0.000
Aroclor-1248	4	---	0.000	4	---	0.000
Aroclor-1248	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1254	1	---	0.000	1	---	0.000
Aroclor-1254	2	---	0.000	2	---	0.000
Aroclor-1254	3	---	0.000	3	---	0.000
Aroclor-1254	4	---	0.000	4	---	0.000
Aroclor-1254	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1260	1	---	0.000	1	---	0.000
Aroclor-1260	2	---	0.000	2	---	0.000
Aroclor-1260	3	---	0.000	3	---	0.000
Aroclor-1260	4	---	0.000	4	---	0.000
Aroclor-1260	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1262	1	---	0.000	1	---	0.000
Aroclor-1262	2	---	0.000	2	---	0.000
Aroclor-1262	3	---	0.000	3	---	0.000
Aroclor-1262	4	---	0.000	4	---	0.000
Aroclor-1262	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1268	1	---	0.000	1	---	0.000
Aroclor-1268	2	---	0.000	2	---	0.000
Aroclor-1268	3	---	0.000	3	---	0.000
Aroclor-1268	4	---	0.000	4	---	0.000
Aroclor-1268	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	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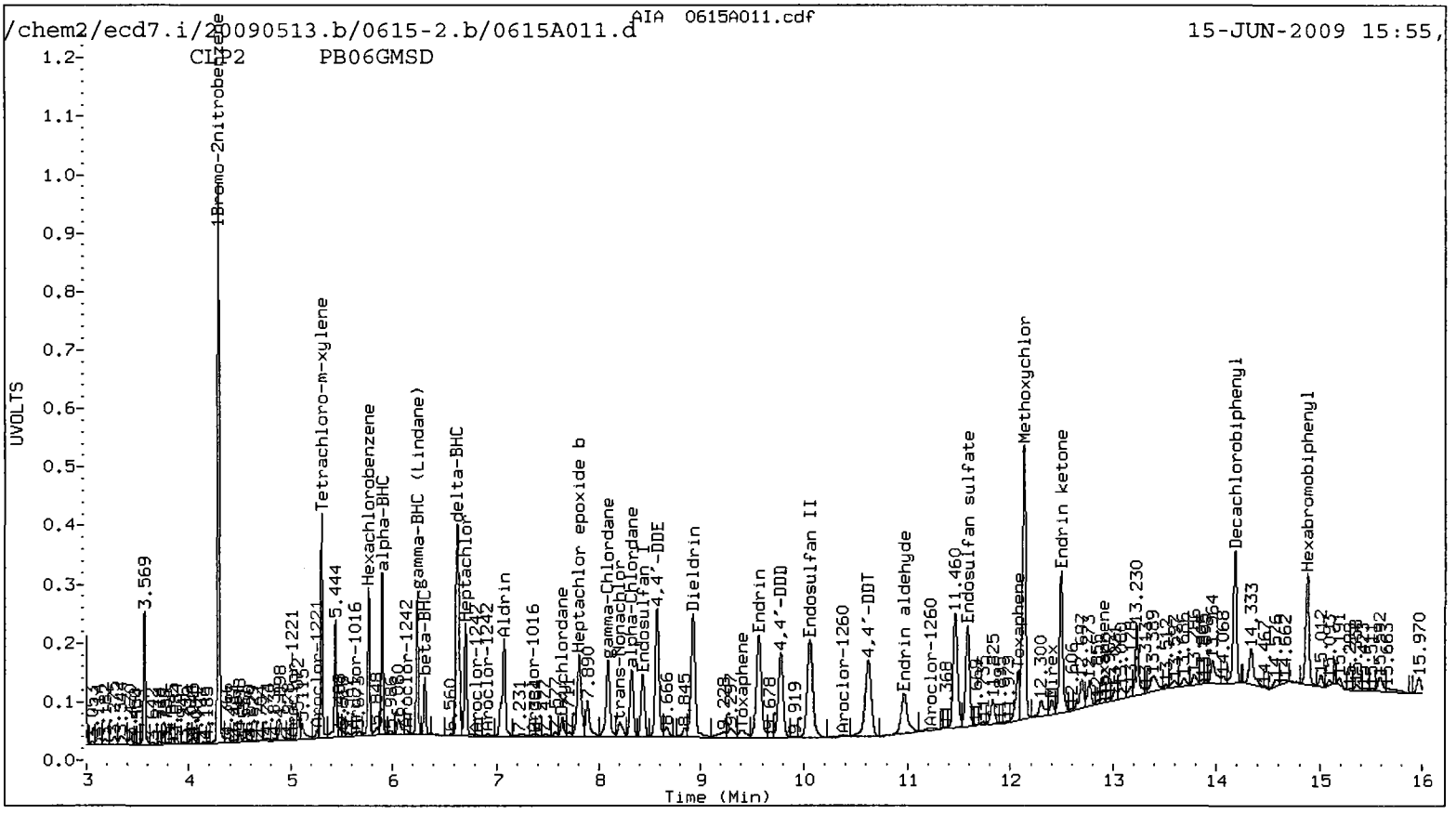
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
3.505
Tetrachloro-m-xylene
4.654
Hexachlorobenzene
alpha-BHC
beta-BHC
gamma-BHC (Lindane)
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
4,4'-DDD
Endrin
Endosulfan II
4,4'-DDT
Toxaphene
Endrin aldehyde
Aroclor-1016
Methoxychlor
Mirex
Endosulfan sulfate
Endrin ketone
Aroclor-1248
Aroclor-1254
Decachlorobiphenyl
Hexabromobiphenyl
12.516
12.805
14.423
14.611
Aroclor-1260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CLP2 PB06GMSD
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
3.569
Tetrachloro-m-xylene
5.444
Hexachlorobenzene
alpha-BHC
beta-BHC
gamma-BHC (Lindane)
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
4,4'-DDD
Endrin
Endosulfan II
4,4'-DDT
Toxaphene
Endrin aldehyde
Aroclor-1016
Methoxychlor
Mirex
Endosulfan sulfate
Endrin ketone
Aroclor-1260
Decachlorobiphenyl
Hexabromobiphenyl
14.333
15.970

Analytical Resources Inc.
Dual Column Pesticide Quantitation Report

AR 6/16/09

Data file 1: /chem2/ecd7.i/20090513.b/0611-1.b/0611A023.d ARI ID: PB06LCSS1
Data file 2: /chem2/ecd7.i/20090513.b/0611-2.b/0611A023.d Client ID:
Method: /chem2/ecd7.i/20090513.b/PEST0513.m Injection Date: 11-JUN-2009 20:44
Compound Sublist: wpest Report Date: 06/16/2009 11:25
Instrument, Inj. Vol.: ecd7.i, 1ul Matrix: NONE
Operator: ar Dilution Factor: 1.000

STX-CLP Col			CLP2 Col			STX-CLP	CLP2		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
3.796	0.000	2275947	4.289	0.000	2430290	80.0000	80.0000	0.0	1Bromo-2nitrobenzene A B
5.235	0.001	675169	5.899	0.000	774630	18.8922	16.9298	11.0	alpha-BHC A B
5.598	-0.001	300126	6.314	0.000	326515	19.0295	19.6374	3.1	beta-BHC A B
5.746	-0.002	563477	6.620	0.000	679036	18.3592	17.2226	6.4	delta-BHC A B
5.516	0.000	625236	6.242	0.000	743637	19.5164	18.2209	6.9	gamma-BHC (Lindane) A B
5.921	0.000	620561	6.702	0.000	735459	18.2400	17.5637	3.8	Heptachlor A B
6.185	0.000	578341	7.075	0.000	687267	18.9517	17.4362	8.3	Aldrin A B
6.761	0.000	601581	7.805	0.000	718441	17.7830	21.4918	18.9	Heptachlor epoxide b A B
7.185	-0.001	617109	8.429	0.000	694032	18.4258	18.8339	2.2	Endosulfan I A B
7.470	0.000	1261865	8.925	0.000	1462664	41.7174	39.3135	5.9	Dieldrin A B
7.111	-0.007	1075262	8.572	0.000	1395169	44.6450	39.1560	13.1	4,4'-DDE A B
7.773	0.000	1158269	9.566	0.000	1350679	43.8508	39.6549	10.0	Endrin A B
8.095	0.000	1049229	10.061	0.001	1312187	43.8757	40.3491	8.4	Endosulfan II A B
7.865	-0.004	1017447	9.786	0.001	1244223	42.4347	39.5023	7.2	4,4'-DDD A B
9.681	-0.001	879089	11.583	0.000	1048203	37.6240	36.2079	3.8	Endosulfan sulfate A B
8.281	-0.003	1035458	10.623	0.000	1198074	44.7969	43.7873	2.3	4,4'-DDT A B
9.179	-0.002	2745950	12.131	-0.001	2449448	210.4414	200.4155	4.9	Methoxychlor A B
10.341	0.000	1177133	12.495	-0.001	1203732	40.0799	37.1771	7.5	Endrin ketone A B
8.791	-0.002	552655	10.963	0.001	662236	27.4356	26.1111	4.9	Endrin aldehyde A B
6.888	0.000	591265	8.087	0.000	744650	19.5118	19.7760	1.3	gamma-Chlordane A B
7.030	0.000	568112	8.320	0.000	693289	19.9320	18.7437	6.1	alpha-Chlordane A B
2.463	0.000	773021	2.984	-0.001	880185	16.3812	16.2266	0.9	Hexachlorobutadiene A B
5.071	0.001	564611	5.767	0.001	650592	18.3519	16.8878	8.3	Hexachlorobenzene A B
6.669	0.011	13358	7.663	-0.013	6681	~~0.5261~~	~~0.2195~~	82.3*	Oxychlordane A B
6.704	-0.046	3673	----			0.1905	0.0000	---	2,4-DDE
----			----			0.0000	0.0000	---	trans-Nonachlor
7.310	-0.006	24280	----			1.3711	0.0000 NS	---	2,4-DDD
7.616	-0.011	19690	----			1.0582	0.0000	---	2,4-DDT
----			----			0.0000	0.0000	---	cis-Nonachlor
----			----			~~0.0000~~	~~0.0000~~	---	Mirex
12.662	-0.004	1322843	14.859	0.000	1005171	80.0000	80.0000	0.0	Hexabromobiphenyl A B
1.651	-0.005	150	2.152	0.007	23004	~~0.0895~~	~~0.3141~~ NS	111.3*	Hexachloroethane B
4.687	0.001	791918	5.306	0.000	942118	30.6000	30.7959	0.6	Tetrachloro-m-xylene A B
12.450	-0.001	884790	14.162	-0.001	857681	36.8898	39.2384	6.2	Decachlorobiphenyl A B

* Indicates RPD > 40%
A Indicates Peak Area was used for Column 1 quantitation instead of Height
B Indicates Peak Area was used for Column 2 quantitation instead of Height
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE/SPIKE PERCENT RECOVERY

SURR/SPIKE	Col1	Col2	Lower	Limits
Tetrachloro-m-xylene	76.5	77.0	76.5	150- 0

Decachlorobiphenyl	92.2	98.1 /	92.2~	150-	0

~ Indicates recovery outside QC Limits

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	2880647	2275947	-21.0
Hexabromobiphenyl	1666064	1322843	-20.6

Column 2

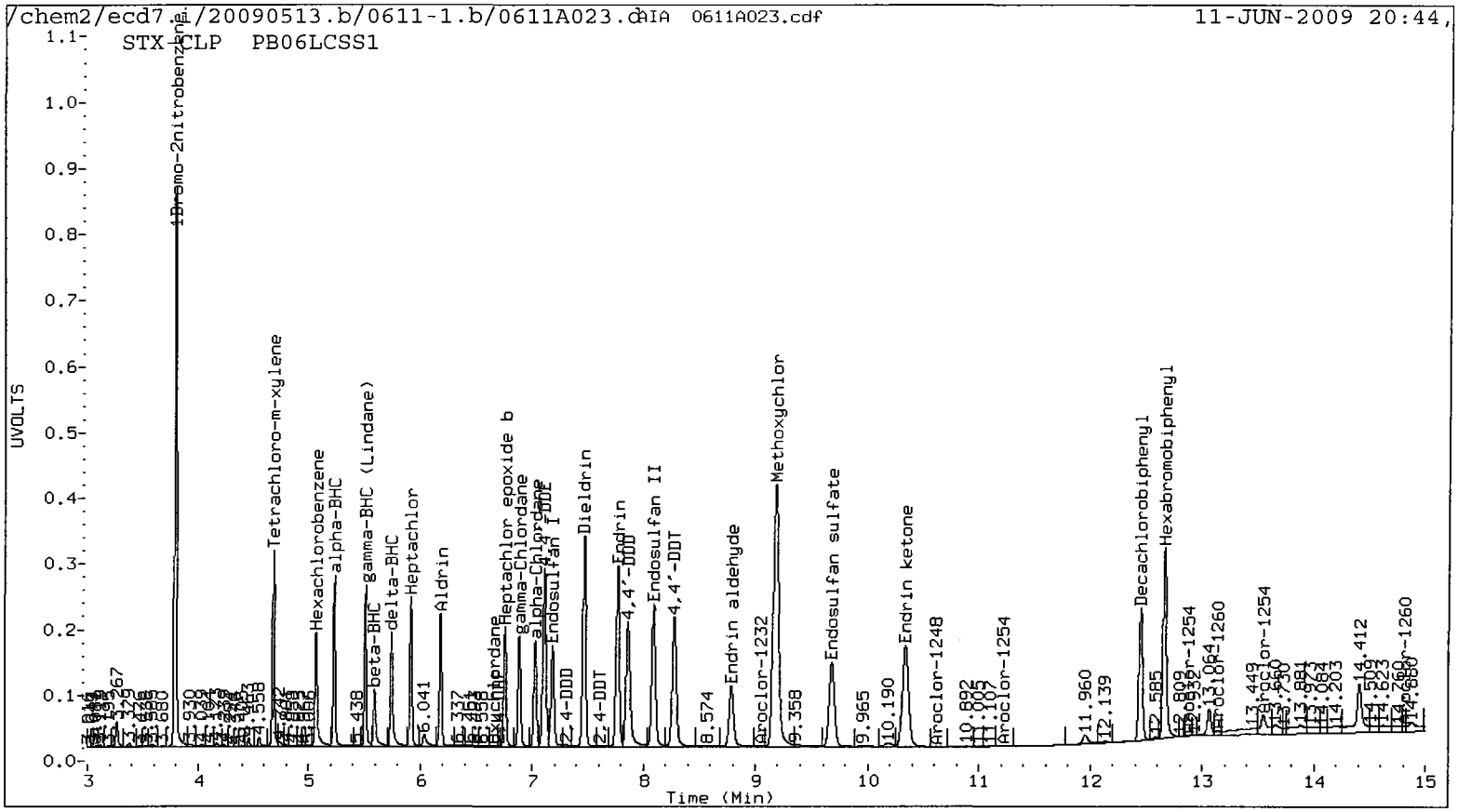
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	3192536	2430290	-23.9
Hexabromobiphenyl	1322411	1005171	-24.0

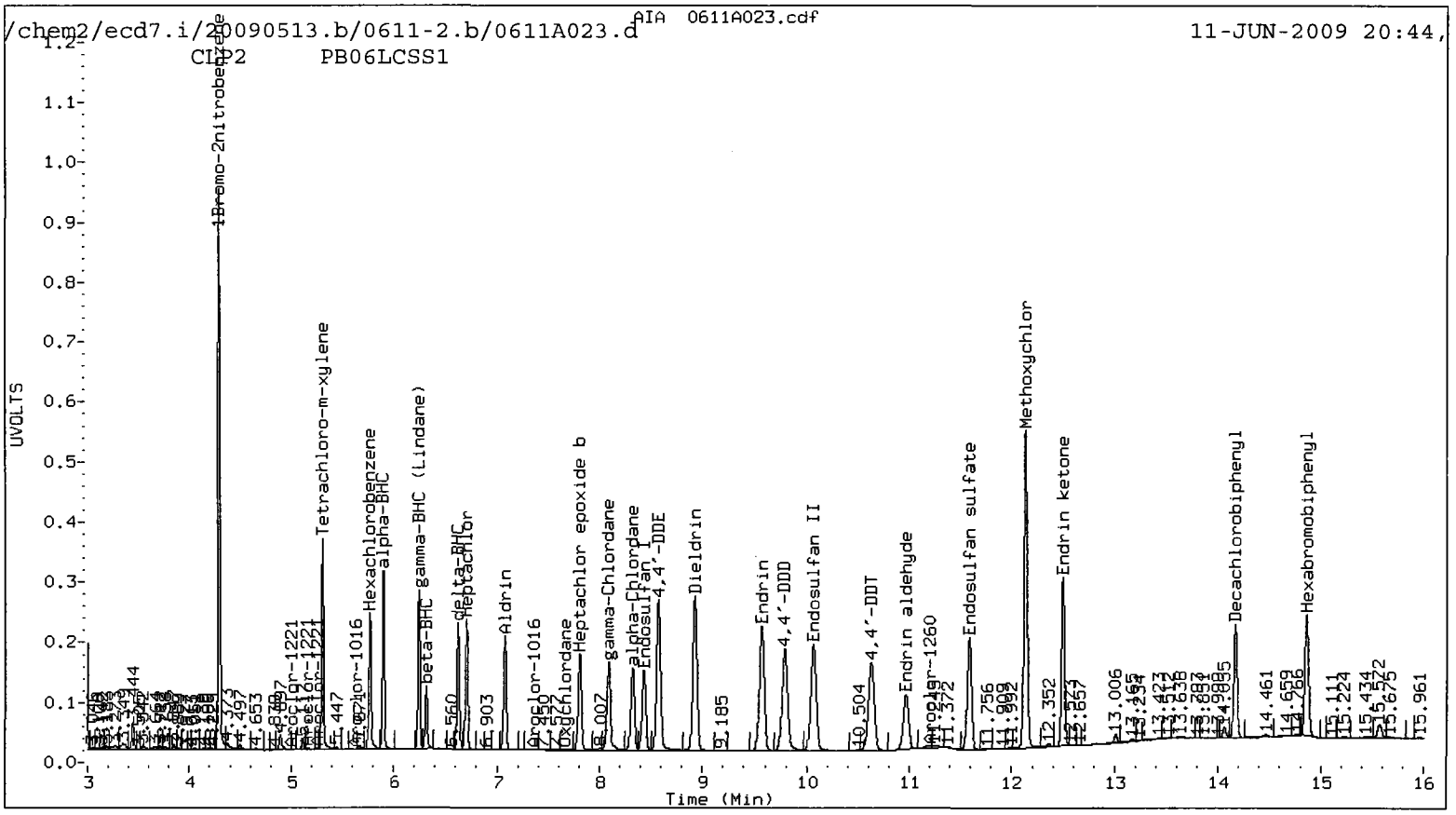
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 13-MAY-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	STX-CLP Col RT	Shift	Height	Amount	Peak#	CLP2 Col RT	Shift	Height	Amount
Toxaphene	1	---			0.000	1	---			0.000
Toxaphene	2	---			0.000	2	---			0.000
Toxaphene	3	---			0.000	3	---			0.000
Toxaphene	4	---			0.000	4	---			0.000
Toxaphene	5	---			0.000	5	---			0.000
Toxaphene	6	---			0.000	NS	---			----
		STX-CLPAve: <3 Quant Peaks					CLP2Ave: <3 Quant Peaks			
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
Aroclor-1016	5	---			0.000	5	---			0.000
		STX-CLPAve: <3 Quant Peaks					CLP2Ave: <3 Quant Peaks			
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
Aroclor-1221	4	---			0.000	4	---			0.000
		STX-CLPAve: <3 Quant Peaks					CLP2Ave: <3 Quant Peaks			
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
Aroclor-1232	5	---			0.000	5	---			0.000
		STX-CLPAve: <3 Quant Peaks					CLP2Ave: <3 Quant Peaks			
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	5	---			0.000	5	---			0.000
Aroclor-1242	6	---			0.000	NS	---			----
		STX-CLPAve: <3 Quant Peaks					CLP2Ave: <3 Quant Peaks			
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000

NS/LRL

Aroclor-1248	3	---	0.000	3	---	0.000
Aroclor-1248	4	---	0.000	4	---	0.000
Aroclor-1248	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1254	1	---	0.000	1	---	0.000
Aroclor-1254	2	---	0.000	2	---	0.000
Aroclor-1254	3	---	0.000	3	---	0.000
Aroclor-1254	4	---	0.000	4	---	0.000
Aroclor-1254	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1260	1	---	0.000	1	---	0.000
Aroclor-1260	2	---	0.000	2	---	0.000
Aroclor-1260	3	---	0.000	3	---	0.000
Aroclor-1260	4	---	0.000	4	---	0.000
Aroclor-1260	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1262	1	---	0.000	1	---	0.000
Aroclor-1262	2	---	0.000	2	---	0.000
Aroclor-1262	3	---	0.000	3	---	0.000
Aroclor-1262	4	---	0.000	4	---	0.000
Aroclor-1262	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	
Aroclor-1268	1	---	0.000	1	---	0.000
Aroclor-1268	2	---	0.000	2	---	0.000
Aroclor-1268	3	---	0.000	3	---	0.000
Aroclor-1268	4	---	0.000	4	---	0.000
Aroclor-1268	5	---	0.000	5	---	0.000
		STX-CLPAve: <3 Quant Peaks			CLP2Ave: <3 Quant Peaks	


/chem2/ecd7.i/20090513.b/0611-1.b/0611A023.d
AIA 0611A023.cdf
11-JUN-2009 20:44,
STX-CLP PB06LCSS1
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
4,4'-DDT
Endrin
Endosulfan II
4,4'-DDD
Endrin aldehyde
Aroclor-1232
Methoxychlor
Endosulfan sulfate
Endrin ketone
Aroclor-1248
Aroclor-1254
Decachlorobiphenyl
Hexabromobiphenyl


/chem2/ecd7.i/20090513.b/0611-2.b/0611A023.d
AIA 0611A023.cdf
11-JUN-2009 20:44,
CLP2 PB06LCSS1
UVOLTS
Time (Min)
1Bromo-2nitrobenzene
Tetrachloro-m-xylene
Hexachlorobenzene
alpha-BHC
gamma-BHC (Lindane)
beta-BHC
delta-BHC
Heptachlor
Aldrin
Heptachlor epoxide b
gamma-Chlordane
alpha-Chlordane
Endosulfan I
4,4'-DDE
Dieldrin
Endrin
4,4'-DDD
Endosulfan II
4,4'-DDT
Endrin aldehyde
Endosulfan sulfate
Methoxychlor
Endrin ketone
Decachlorobiphenyl
Hexabromobiphenyl

Pesticide Analysis
Extraction Bench Sheets/Run Logs

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Benchsheet

Pest PSDDA – Soil/(Sed)
Sonication (3550B) (SOP # 350S)

Preparation Test Pest # 5 PSDDA

ARI Job No(s) PB06 Batch set up by: SP

Bottle #	ARI Sample I.D.	Verify Client ID	Volume Extracted	KD **Exchange to Hexane (X 2)**	Turbo Vap (1) 2 3	**(REQ)** Sulfur Clean **4.5mL+0.5mL** Ethyl Acetate (Y)	**(REQ)** Silica Gel Clean **(1:5)** (Y)	Turbo Vap (1) 2 3	Final Effective Volume	Volume to Lab	Comment
	MBS PB06	Date	25g			5mL	1mL		5mL	1mL	(10g Actual Wt)
	SBS		↓			↓	↓		↓	↓	↓
	~~SBS Dup.~~		↓			↓	↓		↓	↓	↓
	PB06 A	Verified	56.64								
	C		53.21								
	G		36.19								
	GMS		36.21								
	GMSD		36.50								
	I		47.54								
	K		56.61								
	M		52.71								
Analyst/Date:		AR 6/08/09		06/09/09 RP/AR	SP	6/10/09					

Standard	Standard ID	Volume	Expiration Date	Analyst	Witness
Surrogate	**Na** 1538.02	**100**µL 2	7/31/09	AR	SP
Spike	**3** 1579.03	**50**µL 2-20	9/23/09	AR	SP
Extraction Time: 1210					

SPECIAL INSTRUCTIONS: 1. Weigh soil/sed into 600mL or 400mL beakers. 2. Use 10g neutral Sodium Sulfate for the blanks. 3. Add surr/spike. 4. Add 8:2 Hexane/Acetone. 5. Dry using neutral Sodium Sulfate-25g Max at first-A small amt of Additional sulfate may be needed after 10 min. or before 2nd sonication? 6. Sonicate 3X with 8:2 Hexane/Acetone. 7. Collect into 500mL flask+Lg funnel with a small amount neutral glasswool plug only. NO SODIUM SULFATE. 8. KD (Normal Drying Column) on 100° bath. (Blanks=only 5g Sodium Sulfate). 9. Exchange (2 X with 20mL) Hexane. 10. TurboVap. 11. Clean-ups Required. 12. TurboVap. 13. Vial with Hexane.

A. Need Total Solids Y (N) B. Archive/Freeze Y (N)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Laboratory
Analyst Notes

ARI Job No.: PB06 Client ID: Anchor Environmental, LLC

Parameter: PSDD A Rest Client Project: Bay Wood Products

SOP Number(s): 350 S No Anomalies:

List problems, concerns, corrective actions and any other pertinent information
Samples (A-N) contained water @ top. The water was discarded. All of the samples were wet. 06/03/09 wc

Analyst Initials:		Date:	

Analytical Resources Inc.: Organics Instrument Log

ECD7 Serial No.: US00003975

Date: 5/13/09 Analysis: Pest Analyst: AR

GC Program: PEST.M Column No: 922496/724827 Column Type: 5TXCLP1/CLP2

Instrument Tune (.U or .CT.): NA EM Voltage: NA

Calibration File: ~~20090504.b~~ AR 5/15 20090513.b Curve Date: 5/13/09

IS/SS	Ical/Ccal	LCS/ICV
1546-3	~~1362~~ AR 5/15 1562-1, 1543-1, 1543-2, 1545-4 & 1546-1	1361-3 & 1307-2

GC LOG SUMMARY FOR DATABATCH - /chem2/ecd7.i/20090513.

	Inject Date/Time	Filename	DF	LabID
1	13-MAY-2009 20:28	0513A013.d	1	DS
2	13-MAY-2009 20:49	0513A014.d	1	IB
3	13-MAY-2009 21:10	0513A015.d	1	INDAC
4	13-MAY-2009 21:31	0513A016.d	1	INDAA2
5	13-MAY-2009 21:51	0513A017.d	1	INDAA1
6	13-MAY-2009 22:12	0513A018.d	1	INDAA
7	13-MAY-2009 22:33	0513A019.d	1	INDAB
8	13-MAY-2009 22:53	0513A020.d	1	INDAD
9	13-MAY-2009 23:14	0513A021.d	1	INDAE
10	13-MAY-2009 23:35	0513A022.d	1	INDA ICV
11	13-MAY-2009 23:55	0513A023.d	1	TOXAPH SPQ
12	14-MAY-2009 00:16	0513A024.d	1	WNDC
13	14-MAY-2009 00:37	0513A025.d	1	WNDA2
14	14-MAY-2009 00:57	0513A026.d	1	WNDA1
15	14-MAY-2009 01:18	0513A027.d	1	WNDA
16	14-MAY-2009 01:39	0513A028.d	1	WNDB
17	14-MAY-2009 01:59	0513A029.d	1	WNDD
18	14-MAY-2009 02:20	0513A030.d	1	WNDE
19	14-MAY-2009 02:41	0513A031.d	1	WND ICV
20	14-MAY-2009 03:01	0513A032.d	1	TOXAPH 500
21	14-MAY-2009 03:22	0513A033.d	1	TOXAPH 1000
22	14-MAY-2009 03:43	0513A034.d	1	TOXAPH 2500
23	14-MAY-2009 04:03	0513A035.d	1	TOXAPH 5000
24	14-MAY-2009 04:24	0513A036.d	1	TOXAPH 7500
25	14-MAY-2009 04:45	0513A037.d	1	TOXAPH 10000
26	14-MAY-2009 05:05	0513A038.d	1	TOXAPH SPQ
27	14-MAY-2009 05:26	0513A039.d	1	DS
28	14-MAY-2009 05:47	0513A040.d	1	INDAC
29	14-MAY-2009 06:07	0513A041.d	1	WNDC
30	14-MAY-2009 06:28	0513A042.d	1	TOXAPH 2500
31	14-MAY-2009 06:49	0513A043.d	1	PEST SPE TEST1
32	14-MAY-2009 07:09	0513A044.d	1	PEST SPE TEST2
33	14-MAY-2009 07:30	0513A045.d	1	OY48MBW1
34	14-MAY-2009 07:51	0513A046.d	1	OY48LCSW1
35	14-MAY-2009 08:11	0513A047.d	1	OY48LCSDW1
36	14-MAY-2009 08:32	0513A048.d	1	OY48L
37	14-MAY-2009 08:53	0513A049.d	1	OY48M
38	14-MAY-2009 09:13	0513A050.d	1	PRIMER
39	14-MAY-2009 09:34	0513A051.d	1	PRIMER
40	14-MAY-2009 09:55	0513A052.d	1	DS
41	14-MAY-2009 10:15	0513A053.d	1	INDAC
42	14-MAY-2009 10:36	0513A054.d	1	WNDC
43	14-MAY-2009 10:57	0513A055.d	1	TOXAPH 2500
44	14-MAY-2009 11:17	0513A056.d	1	OW87MBS1
45	14-MAY-2009 11:38	0513A057.d	1	OW87LCSS1
46	14-MAY-2009 11:59	0513A058.d	1	OW87G
47	14-MAY-2009 12:19	0513A059.d	1	OW87Q
48	14-MAY-2009 12:40	0513A060.d	1	OW87R
49	14-MAY-2009 13:01	0513A061.d	1	OW87MBW1
50	14-MAY-2009 13:22	0513A062.d	1	OW87LCSW1

GC LOG SUMMARY FOR DATABATCH - /chem2/ecd7.i/2009051

	Inject Date/Time	Filename	DF	LabID
51	14-MAY-2009 13:42	0513A063.d	1	OW87M
52	14-MAY-2009 14:03	0513A064.d	1	PRIMER
53	14-MAY-2009 14:24	0513A065.d	1	PRIMER
54	14-MAY-2009 14:44	0513A066.d	1	DS
55	14-MAY-2009 15:05	0513A067.d	1	INDAC
56	14-MAY-2009 15:26	0513A068.d	1	WNDC
57	14-MAY-2009 15:47	0513A069.d	1	TOXAPH 2500
58	14-MAY-2009 16:07	0513A070.d	1	OY48MBS1
59	14-MAY-2009 16:28	0513A071.d	1	OY48LCSS1
60	14-MAY-2009 16:49	0513A072.d	1	OY48A
61	14-MAY-2009 17:10	0513A073.d	1	OY48D
62	14-MAY-2009 17:30	0513A074.d	1	OY48G
63	14-MAY-2009 17:51	0513A075.d	1	OY48GMS
64	14-MAY-2009 18:12	0513A076.d	1	OY48GMSD
65	14-MAY-2009 18:32	0513A077.d	1	OY48I
66	14-MAY-2009 18:53	0513A078.d	1	OY51C
67	14-MAY-2009 19:14	0513A079.d	1	OY51D
68	14-MAY-2009 19:35	0513A080.d	1	OY51E
69	14-MAY-2009 19:55	0513A081.d	1	OY51H
70	14-MAY-2009 20:16	0513A082.d	1	OY51M
71	14-MAY-2009 20:37	0513A083.d	1	PRIMER
72	14-MAY-2009 20:57	0513A084.d	1	PRIMER
73	14-MAY-2009 21:18	0513A085.d	1	DS
74	14-MAY-2009 21:39	0513A086.d	1	INDAC
75	14-MAY-2009 21:59	0513A087.d	1	WNDC
76	14-MAY-2009 22:20	0513A088.d	1	TOXAPH 2500
77	14-MAY-2009 22:41	0513A089.d	1	SPE TEST LCS1

AR 5/15/09

Maintenance / Comments

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control):

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC Analyst Notes / Corrective Action Log

ARI Project ID: Pesticide Curve Client ID:- ARI

ARI SOP: **403S**(PCB) **405S**(Herbicides) **407S**(TPH-D) **409S**(HCID) (**423S**(Pesticides)) **Other**

Parameter(s): INDA, WND & Toxaphene

Instrument: FID-3A FID-3B FID-4A FID-4B FID-7 FID-8
ECD-1 ECD-3 ECD-4 ECD-5 ECD-6 (ECD-7)

Dates: Curve: 5/13/09 Analysis Start: 5/13/09

Endrin/DDT Breakdown <15%? (YES) / NO / NA ~~Method~~ Instrument Blank In Control? YES / NO

ICal Meets RF & %RSD Criteria? (YES) / NO LCS/LCSD Recovery In Control? YES / NO (NA)

~~CCal~~ ICV Meets RF & %RSD Criteria (YES) / NO* Surrogate Recovery In Control? YES / NO

Internal Standard Meets Criteria? YES / NO / NA Special Analysis Criteria Met? YES / NO (NA)

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

2nd col: Linear-forced Heptachlor epoxide, Mirex & β-BHC
Toxaphene: only 500ppb, low pt. used to quantitate, except on the 2nd col. the 1st peak in the pattern uses all 6 points to quantitate. Forms use only the 1st point.
WND ICV %R 70.5 to 90.2%R

Additional Details on Reverse: Yes / (No)

Analyst Signature: [signature] **Date:** 5/15/09

Reviewer's Signature: [signature] **Date:** 5.16.2009

Analytical Resources Inc.: Organics Instrument Log

ECD7 Serial No.: US00003975

Date: 6/11/09 Analysis: Pest Analyst: AR

GC Program: PEST.M Column No: 922596/724027 Column Type: 5TXCLP1/CLP2

Instrument Tune (.U or .CT.): NA EM Voltage: NA

Calibration File: 20090513.b Curve Date: 5/13/09

IS/SS	Ical/Ccal	LCS/ICV
1543-3	1562-1, 1543-1, 1543-2, 1545-4 & 1546-1	

GC LOG SUMMARY FOR DATABATCH - /chem2/ecd7.i/20090513.b/0611-1.b -

	Inject Date/Time	Filename	DF	LabID	ClientID
1	11-JUN-2009 13:09	0611A001.d	1	INDA	
2	11-JUN-2009 13:30	0611A002.d	1	INDA	
3	11-JUN-2009 13:50	0611A003.d	1	DS	
4	11-JUN-2009 14:11	0611A004.d	1	INDAC	
5	11-JUN-2009 14:32	0611A005.d	1	WNDC	
6	11-JUN-2009 14:52	0611A006.d	1	TOXAPH	
7	11-JUN-2009 15:13	0611A007.d	5	PA75AMS	
8	11-JUN-2009 15:34	0611A008.d	5	PA75AMSD	
9	11-JUN-2009 15:54	0611A009.d	2	PA75C	
10	11-JUN-2009 16:15	0611A010.d	2	PA75F	
11	11-JUN-2009 16:36	0611A011.d	2	PA75H	
12	11-JUN-2009 16:57	0611A012.d	2	PA75J	
13	11-JUN-2009 17:17	0611A013.d	2	PA75K	
14	11-JUN-2009 17:38	0611A014.d	2	PA75L	
15	11-JUN-2009 17:59	0611A015.d	1	PA75M	
16	11-JUN-2009 18:19	0611A016.d	2	PA75N	
17	11-JUN-2009 18:40	0611A017.d	1	TOXAPH	
18	11-JUN-2009 19:01	0611A018.d	1	TOXAPH	
19	11-JUN-2009 19:21	0611A019.d	1	DS	
20	11-JUN-2009 19:42	0611A020.d	1	INDAC	
21	11-JUN-2009 20:03	0611A021.d	1	WNDC	
22	11-JUN-2009 20:23	0611A022.d	1	PB06MBS1	
23	11-JUN-2009 20:44	0611A023.d	1	PB06LCSS1	
24	11-JUN-2009 21:05	0611A024.d	1	PB06A	
25	11-JUN-2009 21:25	0611A025.d	1	PB06C	
26	11-JUN-2009 21:46	0611A026.d	5	PB06G	
27	11-JUN-2009 22:07	0611A027.d	5	PB06GMS	
28	11-JUN-2009 22:27	0611A028.d	5	PB06GMSD	
29	11-JUN-2009 22:48	0611A029.d	1	PB06I	
30	11-JUN-2009 23:09	0611A030.d	5	PB06I	
31	11-JUN-2009 23:29	0611A031.d	1	PB06K	
32	11-JUN-2009 23:50	0611A032.d	1	PB06M	
33	12-JUN-2009 00:11	0611A033.d	1	WND	
34	12-JUN-2009 00:31	0611A034.d	1	WND	
35	12-JUN-2009 00:52	0611A035.d	1	DS	
36	12-JUN-2009 01:13	0611A036.d	1	INDAC	
37	12-JUN-2009 01:33	0611A037.d	1	WNDC	
38	12-JUN-2009 01:54	0611A038.d	1	TOXAPH	

AR 6/15/09

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control):

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC Analyst Notes / Corrective Action Log

ARI Project ID: PB06 Client ID: Anchor Environmental, LLC

ARI SOP: **403S**(PCB) **405S**(Herbicides) **407S**(TPH-D) **409S**(HCID) **423S**(Pesticides) **Other**

Parameter(s): NA

Instrument: FID-3A FID-3B FID-4A FID-4B FID-7 FID-8
ECD-1 ECD-3 ECD-4 ECD-5 ECD-6 ECD-7

Dates: Curve: 5/13/09 Analysis Start: 6/11/09

Endrin/DDT Breakdown <15%? YES / NO / NA
Method Blank In Control? YES / NO

ICal Meets RF & %RSD Criteria? YES / NO
LCS/LCSD Recovery In Control? YES / NO

CCal Meets RF & %RSD Criteria YES / NO
Surrogate Recovery In Control? YES / NO

Internal Standard Meets Criteria? YES / NO / NA
Special Analysis Criteria Met? YES / NO / NA
VDP

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

Additional Details on Reverse: Yes / No

Analyst Signature: _____ **Date:** 6/12/09

Reviewer's Signature: _____ **Date:** 6/16/11

Analytical Resources Inc.: Organics Instrument Log

ECD7 Serial No.: US00003975

Date: 6/15/09 Analysis: Pest Analyst: AR

GC Program: PEST.M Column No: 922996/~~224027~~ Column Type: ~~X~~ STX CLP1/CLP2

Instrument Tune (.U or .CT.): NA EM Voltage: NA

Calibration File: 20090513.b Curve Date: 5/13/09

IS/SS	Ical/Ccal	LCS/ICV
1543-3	1562-1, 1543-1, 1543-2, 1545-4 & 1546-1	

GC LOG SUMMARY FOR DATABATCH - /chem2/ecd7.i/20090513.b/0615-1.b

	Inject Date/Time	Filename	DF	LabID	ClientID
1	15-JUN-2009 12:28	0615A001.d	1	INDA	
2	15-JUN-2009 12:49	0615A002.d	1	INDA	
3	15-JUN-2009 13:10	0615A003.d	1	DS	
4	15-JUN-2009 13:30	0615A004.d	1	INDAC	
5	15-JUN-2009 13:51	0615A005.d	1	WNDC	
6	15-JUN-2009 14:12	0615A006.d	1	TOXAPH	
7	15-JUN-2009 14:33	0615A007.d	1	PB06MBS1	
8	15-JUN-2009 14:53	0615A008.d	1	PB06LCSS1	
9	15-JUN-2009 15:14	0615A009.d	1	PB06G	
10	15-JUN-2009 15:35	0615A010.d	1	PB06GMS	
11	15-JUN-2009 15:55	0615A011.d	1	PB06GMSD	
12	15-JUN-2009 16:16	0615A012.d	1	WND	
13	15-JUN-2009 16:37	0615A013.d	1	WND	
14	15-JUN-2009 16:57	0615A014.d	1	DS	
15	15-JUN-2009 17:18	0615A015.d	1	INDAC	
16	15-JUN-2009 17:39	0615A016.d	1	WNDC	

AR 6/16/09

Maintenance / Comments

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control):

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC Analyst Notes / Corrective Action Log

AR 6/16

ARI Project ID: ~~PB38~~ PB06 Client ID: Anchor Environmental, LLC

ARI SOP: **403S**(PCB) **405S**(Herbicides) **407S**(TPH-D) **409S**(HCID) **423S**(Pesticides) **Other**

Parameter(s): NA

Instrument: FID-3A FID-3B FID-4A FID-4B FID-7 FID-8
ECD-1 ECD-3 ECD-4 ECD-5 ECD-6 ECD-7

Dates: Curve: 5/13/09 Analysis Start: 6/15/09

Endrin/DDT Breakdown <15%? YES / NO / NA
Method Blank In Control? YES / NO NA

ICal Meets RF & %RSD Criteria? YES / NO
LCS/LCSD Recovery In Control? YES / NO NA

CCal Meets RF & %RSD Criteria YES / NO
Surrogate Recovery In Control? YES / NO

Internal Standard Meets Criteria? YES / NO / NA
Special Analysis Criteria Met? YES / NO / NA

VDP

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

Additional Details on Reverse: Yes / No

Analyst Signature: _____ **Date:** 6/16/09

Reviewer's Signature: _____ **Date:** 6/16/09

Form 4060F Version 006

PB06 : 00855 10/14/08

PCB Analysis
QC Summary Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

SW8082/PCB SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02

Client ID	DCBP % REC	DCBP LCL-UCL	TCMX % REC	TCMX LCL-UCL	TOT OUT
BW-01-SS-090602	81.0%	42-127	76.2%	50-114	0
BW-03-SS-090602	81.2%	42-127	74.0%	50-114	0
MB-060809	86.8%	48-118	84.8%	43-108	0
LCS-060809	78.5%	48-118	75.5%	43-108	0
BW-07-SS-090602	92.5%	42-127	79.0%	50-114	0
BW-07-SS-090602 MS	75.5%	42-127	79.8%	50-114	0
BW-07-SS-090602 MSD	74.8%	42-127	77.2%	50-114	0
BW-09-SS-090602	66.0%	42-127	110%	50-114	0
BW-11-SS-090602	70.8%	42-127	71.5%	50-114	0
BW-53-SS-090602	79.0%	42-127	74.0%	50-114	0

Low Level PSDDA Control Limits
Prep Method: SW3550B
Log Number Range: 09-12542 to 09-12554

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: BW-07-SS-090602
MS/MSD

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted MS/MSD: 06/08/09

Date Analyzed MS: 06/10/09 18:47
MSD: 06/10/09 19:10
Instrument/Analyst MS: ECD4/PKC
MSD: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount MS: 25.7 g-dry-wt
MSD: 25.3 g-dry-wt
Final Extract Volume MS: 2.5 mL
MSD: 2.5 mL
Dilution Factor MS: 1.00
MSD: 1.00
Silica Gel: No

Percent Moisture: 29.7%

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Aroclor 1016	< 9.8 U	32.5 P	49.0	66.3%	34.4 P	49.7	69.2%	5.7%
Aroclor 1260	< 9.8 U	28.8	49.0	58.8%	28.1	49.7	56.5%	2.5%

Results reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
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Sample ID: LCS-060809
LAB CONTROL

Lab Sample ID: LCS-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 17:18
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Aroclor 1016	37.8	50.4	75.0%
Aroclor 1260	36.3	50.4	72.0%

PCB Surrogate Recovery

Decachlorobiphenyl	78.5%
Tetrachlorometaxylene	75.5%

Results reported in µg/kg (ppb)

PCB METHOD BLANK SUMMARY

BLANK NO.

PB06MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

Lab Sample ID: PB06MBS1 Lab File ID: 0610A009

Date Extracted: 06/08/09 Matrix: SOLID

Date Analyzed: 06/10/09 Instrument ID: ECD4

Time Analyzed: 1656 GC Columns: ZB5/ZB35

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	PB06LCSS1	PB06LCSS1	06/10/09
02	BW-01-SS-090602	PB06A	06/10/09
03	BW-03-SS-090602	PB06C	06/10/09
04	BW-07-SS-090602	PB06G	06/10/09
05	BW-07-SS-090602 MS	PB06GMS	06/10/09
06	BW-07-SS-090602 MSD	PB06GMSD	06/10/09
07	BW-09-SS-090602	PB06I	06/10/09
08	BW-11-SS-090602	PB06K	06/10/09
09	BW-53-SS-090602	PB06M	06/10/09

ALL RUNS ARE DUAL COLUMN

FORM 8
PCB INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: ZB5 ID: 0.53(mm) Instrument ID: ECD4

Init. Calib. Date: 06/08/09

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

		IS1 AREA	RT	IS2 AREA	RT
	ICAL MIDPT	12845942	3.884	2857287	16.289
	UPPER LIMIT	25691884	3.984	5714574	16.389
	LOWER LIMIT	6422971	3.784	1428644	16.189

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME	IS1 AREA	RT	IS2 AREA	RT
01		IB	06/08/09	1121	10213333	3.883	2394300	16.289
02		AR1660 250	06/08/09	1144	12845942	3.884	2857287	16.289
03		AR1660 20	06/08/09	1206	11960554	3.883	2874549	16.289
04		AR1660 1000	06/08/09	1228	11898832	3.884	2995401	16.289
05		AR1660 100	06/08/09	1250	13014060	3.884	3208426	16.288
06		AR1660 500	06/08/09	1312	11863352	3.884	2783065	16.289
07		AR1660 50	06/08/09	1335	12691428	3.884	2861250	16.290
08	ZZZZZ	ZZZZZ	06/08/09	1357	13215751	3.884	3071894	16.288
09		AR1242	06/08/09	1419	11949803	3.884	2724505	16.289
10		AR1248	06/08/09	1441	13672677	3.884	3021101	16.290
11		AR1254	06/08/09	1503	12400794	3.884	2791503	16.290
12		AR2162	06/08/09	1526	13228743	3.884	2981050	16.290
13		AR3268	06/08/09	1548	14337782	3.884	3315645	16.289
14	AR1660	AR1660	06/10/09	1612	13384889	3.880	2927972	16.287
15	AR1248	AR1248	06/10/09	1634	12931877	3.881	2779855	16.288
16	PB06MBS1	PB06MBS1	06/10/09	1656	12515782	3.882	3466228	16.288
17	PB06LCSS1	PB06LCSS1	06/10/09	1718	13854753	3.881	3872808	16.287
18	BW-01-SS-090	PB06A	06/10/09	1741	11960108	3.881	2283880	16.288
19	BW-03-SS-090	PB06C	06/10/09	1803	12422769	3.881	2114796	16.286
20	BW-07-SS-090	PB06G	06/10/09	1825	12274241	3.881	2312444	16.287
21	BW-07-SS-090	PB06GMS	06/10/09	1847	12467980	3.881	2087992	16.288
22	BW-07-SS-090	PB06GMSD	06/10/09	1910	12776404	3.882	2106036	16.289
23	BW-09-SS-090	PB06I	06/10/09	1932	16204260	3.883	2345175	16.287
24	BW-11-SS-090	PB06K	06/10/09	1954	14822533	3.883	2140522	16.287
25	BW-53-SS-090	PB06M	06/10/09	2016	14687516	3.883	2384056	16.290
26	AR1242	AR1242	06/10/09	2038	16453192	3.883	2546306	16.289
27	AR1660	AR1660	06/10/09	2100	21377461	3.884	3298532	16.289

IS1 = 1-Bromo-2-Nitrobenzene RT Window = RT +/- 0.1 min
IS2 = Hexabromobiphenyl

* Indicates value outside QC Limits

FORM 8
PCB INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: ZB35 ID: 0.53(mm) Instrument ID: ECD4

Init. Calib. Date: 06/05/09

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

			IS1 AREA	RT	IS2 AREA	RT
		ICAL MIDPT	4447523	4.672	1473748	17.163
		UPPER LIMIT	8895046	4.772	2947496	17.263
		LOWER LIMIT	2223762	4.572	736874	17.063

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME	IS1 AREA	RT	IS2 AREA	RT
01		IB	06/08/09	1121	3534306	4.672	1122599	17.163
02		AR1660 250	06/08/09	1144	4447523	4.672	1473748	17.163
03		AR1660 20	06/08/09	1206	3884356	4.673	1382518	17.163
04		AR1660 1000	06/08/09	1228	4359488	4.672	1395776	17.162
05		AR1660 100	06/08/09	1250	4752259	4.672	1484240	17.162
06		AR1660 500	06/08/09	1312	4212974	4.672	1305365	17.162
07		AR1660 50	06/08/09	1335	4463907	4.673	1310052	17.161
08	ZZZZZ	ZZZZZ	06/08/09	1357	4598856	4.673	1352425	17.163
09		AR1242	06/08/09	1419	4052421	4.672	1151985	17.163
10		AR1248	06/08/09	1441	4620661	4.672	1309883	17.162
11		AR1254	06/08/09	1503	4053422	4.672	1189853	17.162
12		AR2162	06/08/09	1526	4325154	4.673	1252345	17.162
13		AR3268	06/08/09	1548	4777574	4.672	1419069	17.161
14	AR1660	AR1660	06/10/09	1612	4276001	4.667	1430383	17.160
15	AR1248	AR1248	06/10/09	1634	4528071	4.669	1252718	17.160
16	PB06MBS1	PB06MBS1	06/10/09	1656	4198222	4.669	1442762	17.161
17	PB06LCSS1	PB06LCSS1	06/10/09	1718	4681246	4.670	1606339	17.160
18	BW-01-SS-090	PB06A	06/10/09	1741	4668104	4.668	1988771	17.160
19	BW-03-SS-090	PB06C	06/10/09	1803	4719563	4.669	1694540	17.159
20	BW-07-SS-090	PB06G	06/10/09	1825	4525834	4.667	1833402	17.160
21	BW-07-SS-090	PB06GMS	06/10/09	1847	4525084	4.668	1910169	17.159
22	BW-07-SS-090	PB06GMSD	06/10/09	1910	4586267	4.668	1948108	17.161
23	BW-09-SS-090	PB06I	06/10/09	1932	4729537	4.670	1625016	17.160
24	BW-11-SS-090	PB06K	06/10/09	1954	4759303	4.670	1786430	17.159
25	BW-53-SS-090	PB06M	06/10/09	2016	4967347	4.670	1770217	17.160
26	AR1242	AR1242	06/10/09	2038	4135146	4.669	1266467	17.159
27	AR1660	AR1660	06/10/09	2100	5035984	4.670	1570328	17.160

IS1 = 1-Bromo-2-Nitrobenzene RT Window = RT +/- 0.1 min
IS2 = Hexabromobiphenyl

* Indicates value outside QC Limits

PCB Analysis
Sample Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
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Sample ID: BW-01-SS-090602
SAMPLE

Lab Sample ID: PB06A
LIMS ID: 09-12542
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 17:41
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 54.8%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	9.9	< 9.9 U
53469-21-9	**Aroclor 1242**	**9.9**	**14**
12672-29-6	Aroclor 1248	9.9	< 9.9 U
11097-69-1	Aroclor 1254	9.9	< 9.9 U
11096-82-5	Aroclor 1260	9.9	< 9.9 U
11104-28-2	Aroclor 1221	9.9	< 9.9 U
11141-16-5	Aroclor 1232	9.9	< 9.9 U
37324-23-5	Aroclor 1262	9.9	< 9.9 U
11100-14-4	Aroclor 1268	9.9	< 9.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	81.0%
Tetrachlorometaxylene	76.2%

PC 6/11/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/0610-1.b/0610A011.d
Data file 2: 20090608.b/0610-2.b/0610A011.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: PB06A
Client ID: BW-01-SS-090602
Injection Date: 10-JUN-2009 17:41
Report Date: 06/11/2009 10:51
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.413	-0.004	7088199	6.614	-0.004	2658939	26.2	30.5	15.3	Tetrachloro-m-xylene
15.983	-0.002	2588370	16.454	-0.002	2908017	25.7	32.4	22.8	Decachlorobiphenyl M

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	65.5	76.3
Decachlorobiphenyl	64.3	80.9

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	11960108	-8.1
Hexabromobiphenyl	3208426	2283880	-28.8

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4668104	-1.8
Hexabromobiphenyl	1484240	1988771	34.0

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	8.213	-0.008	916848	118.0	1	8.566	-0.007	1373572	258.1
Aroclor-1016	2	8.870	-0.003	764087	71.8	2	9.313	-0.005	995965	116.2
Aroclor-1016	3	9.000	-0.004	773720	106.0	3	9.569	-0.004	367820	93.6
Aroclor-1016	4	9.298	-0.003	661186	114.7	4	10.423	-0.003	454031	131.9
Total Col1Ave (4 peaks):		102.6				Total Col2Ave (4 peaks):		150.0	RPD = 37	
Corrected Ave (4 peaks):		102.6				Corrected Ave (3 peaks):		113.9	RPD = 10	
Aroclor-1221	1	6.859	0.032	209990	18.1	1	7.366	-0.006	171841	30.2
Aroclor-1221	2	6.976	-0.040	447279	60.0	2	7.638	-0.005	514061	152.2
Aroclor-1221	3	7.119	-0.004	431124	20.3	3	7.772	0.005	415143	36.2
Aroclor-1221	NS	---			----	4	8.566	-0.014	1373572	331.3
Total Col1Ave (3 peaks):		32.8				Total Col2Ave (4 peaks):		137.5	RPD = 123*	
Corrected Ave: < 3 Peaks						Corrected Ave (3 peaks):		72.9		
Aroclor-1232	1	7.119	-0.004	431124	45.9	1	7.366	-0.007	171841	116.8
Aroclor-1232	2	8.213	-0.006	916848	170.4	2	7.772	0.004	415143	104.3
Aroclor-1232	3	8.693	-0.002	2936211	179.2	3	8.566	-0.008	1373572	370.7
Aroclor-1232	4	8.870	-0.001	764087	103.3	4	9.313	-0.004	995965	170.2
Total Col1Ave (4 peaks):		124.7				Total Col2Ave (4 peaks):		190.5	RPD = 42*	
Corrected Ave (4 peaks):		124.7				Corrected Ave (3 peaks):		130.4	RPD = 4	
Aroclor-1242	1	8.213	-0.006	916848	126.5	1	7.772	0.004	415143	173.1
Aroclor-1242	2	8.693	-0.002	2936211	136.8	2	8.566	-0.006	1373572	295.4
Aroclor-1242	3	8.870	-0.001	764087	78.1	3	9.313	-0.004	995965	123.6
Aroclor-1242	4	9.865	-0.003	1216285	126.9	4	9.781	-0.005	318555	134.4
Aroclor-1242	NS	---			----	5	11.448	-0.083	979739	371.6
Total Col1Ave (4 peaks):		117.1				Total Col2Ave (5 peaks):		219.6	RPD = 61*	
Corrected Ave (4 peaks):		117.1				Corrected Ave (3 peaks):		219.6	RPD = 61*	
Aroclor-1248	1	8.693	0.001	2936211	207.8	1	9.313	-0.001	995965	198.9
Aroclor-1248	2	9.298	-0.002	661186	79.6	2	10.423	-0.001	454031	124.9
Aroclor-1248	3	9.865	-0.003	1216285	96.6	3	10.981	-0.005	228872	56.8
Aroclor-1248	4	10.397	0.005	762821	46.7	4	11.448	-0.081	979739	239.3
Aroclor-1248	5	10.648	-0.036	1081731	91.1	NS	---			----
Total Col1Ave (5 peaks):		104.4				Total Col2Ave (4 peaks):		155.0	RPD = 39	
Corrected Ave (4 peaks):		78.5				Corrected Ave (4 peaks):		155.0	RPD = 66*	
Aroclor-1254	1	10.397	-0.007	762821	53.1	1	11.166	-0.003	221497	62.6
Aroclor-1254	2	10.794	0.000	582540	33.3	2	11.448	0.061	979739	208.6
Aroclor-1254	3	11.308	0.046	731751	65.7	3	12.260	-0.004	407572	60.2
Aroclor-1254	4	11.431	-0.005	692224	33.2	4	12.593	0.005	415233	59.4
Aroclor-1254	5	12.782	-0.003	1007655	51.4	5	13.568	-0.004	336435	76.9
Total Col1Ave (5 peaks):		47.3				Total Col2Ave (5 peaks):		93.5	RPD = 66*	
Corrected Ave (5 peaks):		47.3				Corrected Ave (4 peaks):		64.8	RPD = 31	
Aroclor-1260	1	13.084	-0.004	291024	31.0	1	12.872	-0.003	365950	47.6
Aroclor-1260	2	13.473	-0.010	152025	17.3	2	13.678	-0.005	54234	13.4
Aroclor-1260	3	13.952	0.038	854891	44.5	3	14.187	-0.005	185506	42.7
Aroclor-1260	4	14.347	0.000	210301	22.4	4	14.469	0.002	342785	36.3
Aroclor-1260	5	14.539	-0.001	205264	40.9	5	15.039	-0.004	114260	19.3
Total Col1Ave (5 peaks):		31.2				Total Col2Ave (5 peaks):		31.9	RPD = 2	
Corrected Ave (5 peaks):		31.2				Corrected Ave (5 peaks):		31.9	RPD = 2	
Aroclor-1262	1	13.473	-0.011	152025	9.7	1	12.872	-0.002	365950	41.1
Aroclor-1262	2	13.952	0.037	854891	27.4	2	13.678	-0.005	54234	5.2
Aroclor-1262	3	14.347	-0.002	210301	19.6	3	14.469	0.003	342785	18.6
Aroclor-1262	4	14.539	-0.001	205264	15.2	4	15.039	-0.005	114260	8.5
Aroclor-1262	5	15.160	-0.025	493647	55.1	5	15.680	-0.018	387983	52.6
Total Col1Ave (5 peaks):		25.4				Total Col2Ave (5 peaks):		25.2	RPD = 1	
Corrected Ave (4 peaks):		18.0				Corrected Ave (4 peaks):		18.3	RPD = 2	
Aroclor-1268	1	14.467	0.000	68269	3.7	1	14.944	-0.039	417153	36.0
Aroclor-1268	2	14.539	0.001	205264	10.0	2	15.039	-0.005	114260	7.1
Aroclor-1268	3	14.933	0.012	104182	7.9	3	15.417	0.001	61936	6.0

Aroclor-1268	4	15.629	-0.007	208076	8.1	4	16.114	0.003	124574	4.4

Total Col1Ave (4 peaks): 7.4 Total Col2Ave (4 peaks): 13.4 RPD = 57*

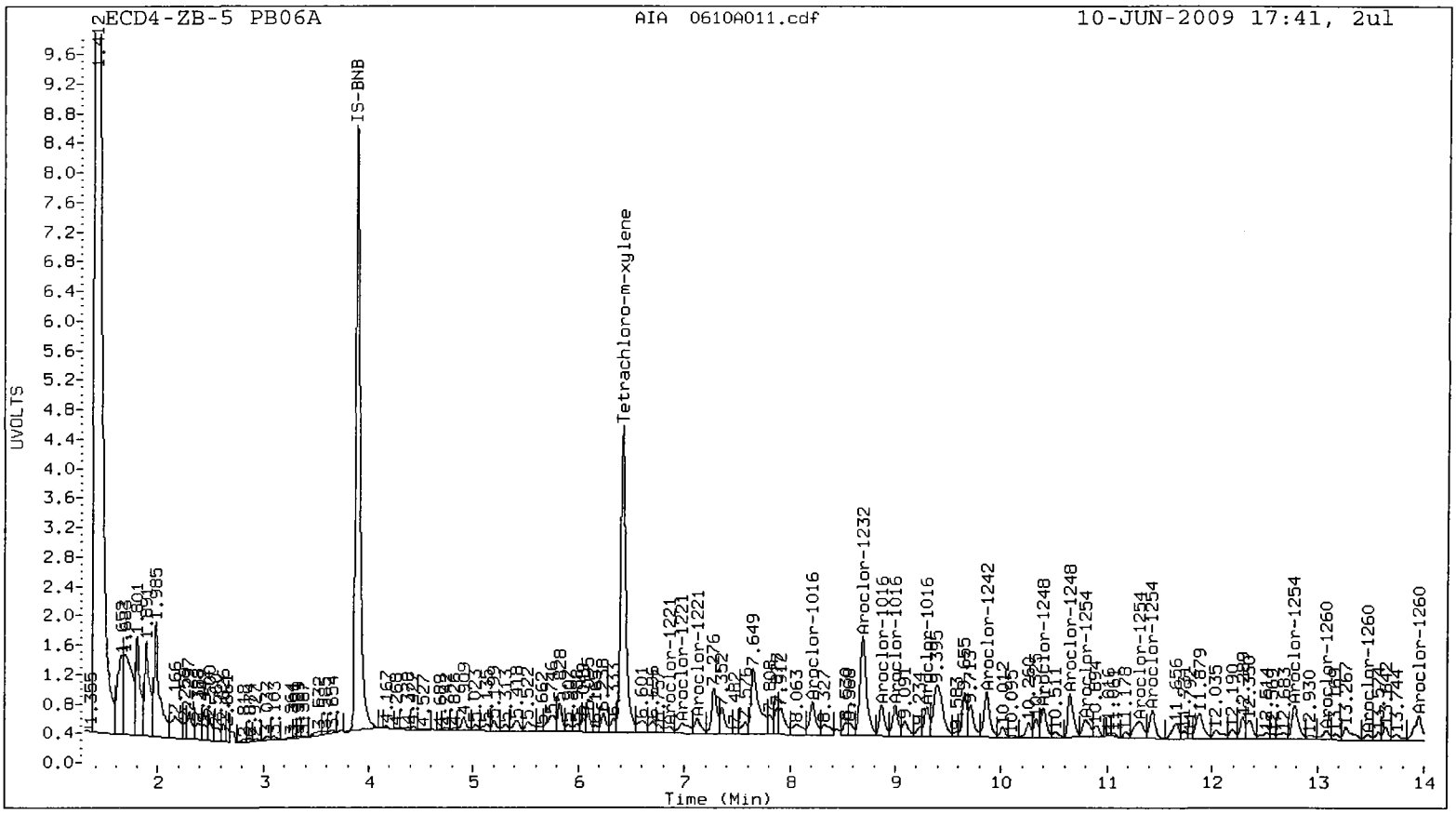
Corrected Ave (4 peaks): 7.4 Corrected Ave (3 peaks): 5.9 RPD = 23

Total PCB Area Col1 (6.517 - 15.885) = 38199050 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 16141337 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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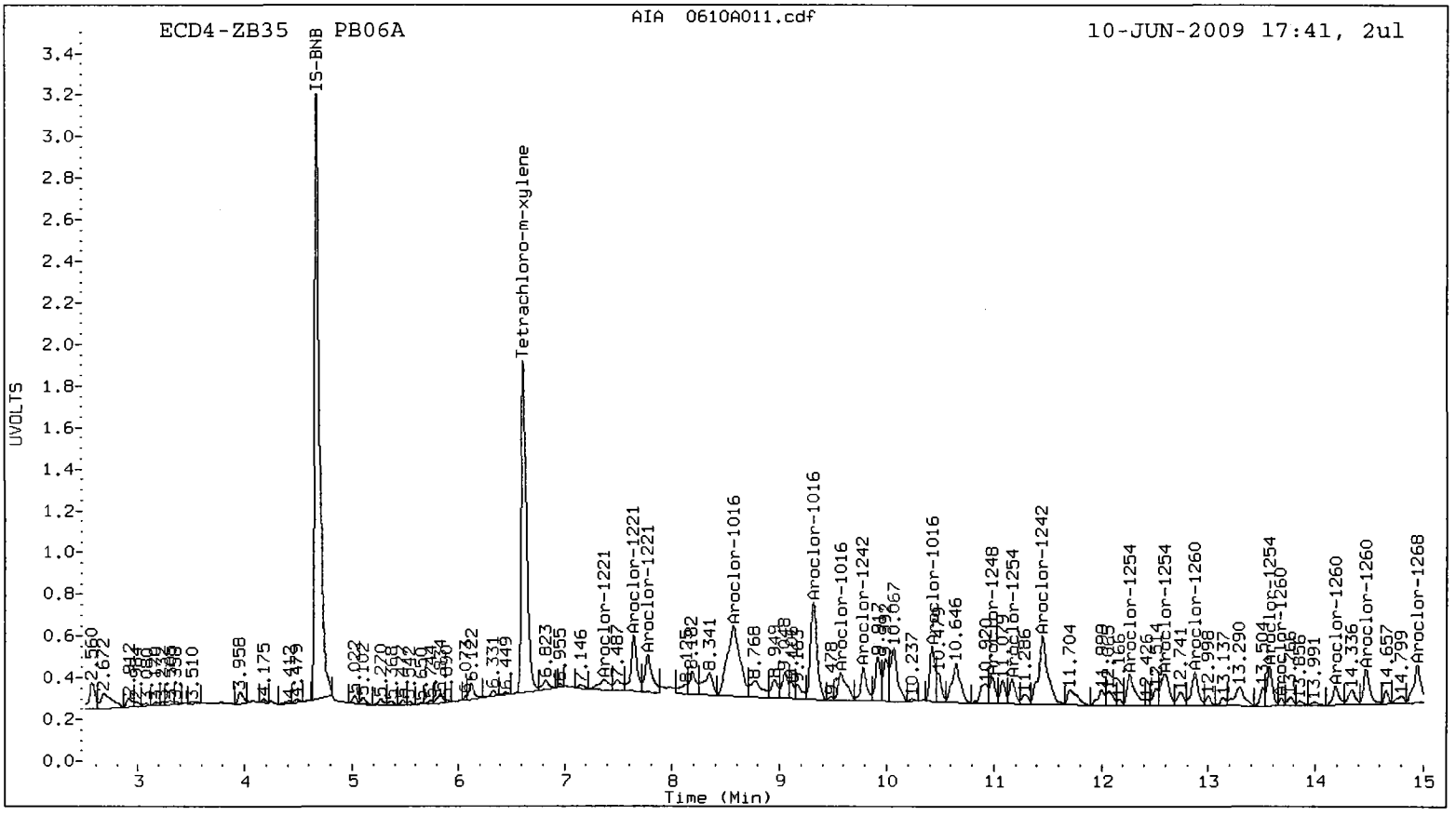
Aroclor-1254
Aroclor-1260
UVOLTS
Time (Min)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Aroclor-1254
Aroclor-1260
Aroclor-1268
UVOLTS
Time (Min)

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: BW-03-SS-090602
SAMPLE

Lab Sample ID: PB06C
LIMS ID: 09-12544
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 18:03
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 52.4%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	9.8	< 9.8 U
53469-21-9	Aroclor 1242	9.8	< 9.8 U
12672-29-6	Aroclor 1248	9.8	< 9.8 U
11097-69-1	Aroclor 1254	9.8	< 9.8 U
11096-82-5	Aroclor 1260	9.8	< 9.8 U
11104-28-2	Aroclor 1221	9.8	< 9.8 U
11141-16-5	Aroclor 1232	9.8	< 9.8 U
37324-23-5	Aroclor 1262	9.8	< 9.8 U
11100-14-4	Aroclor 1268	9.8	< 9.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	81.2%
Tetrachlorometaxylene	74.0%

PC
6/11/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/0610-1.b/0610A012.d
Data file 2: 20090608.b/0610-2.b/0610A012.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: PB06C
Client ID: BW-03-SS-090602
Injection Date: 10-JUN-2009 18:03
Report Date: 06/11/2009 10:51
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.413	-0.004	7537533	6.614	-0.003	2606630	26.8	29.6	9.9	Tetrachloro-m-xylene
15.983	-0.002	2610493	16.453	-0.003	2490177	28.0	32.5	14.9	Decachlorobiphenyl M

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	67.0	74.0
Decachlorobiphenyl	70.1	81.3

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	12422769	-4.5
Hexabromobiphenyl	3208426	2114796	-34.1

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4719563	-0.7
Hexabromobiphenyl	1484240	1694540	14.2

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount	
Aroclor-1016	1	8.211	-0.010	674778	83.6	1	8.586	0.013	685181	127.3	
Aroclor-1016	2	8.869	-0.003	378169	34.2	2	9.314	-0.004	635760	73.4	
Aroclor-1016	3	9.001	-0.003	444038	58.6	3	9.568	-0.004	208171	52.4	
Aroclor-1016	4	9.298	-0.003	447700	74.8	4	10.422	-0.004	333185	95.7	
Total Col1Ave (4 peaks):					62.8	Total Col2Ave (4 peaks):				87.2	RPD = 33
Corrected Ave (4 peaks):					62.8	Corrected Ave (4 peaks):				87.2	RPD = 33
Aroclor-1221	1	6.861	0.034	254900	21.1	1	7.365	-0.007	183151	31.8	
Aroclor-1221	2	7.029	0.014	196286	25.3	2	7.638	-0.006	646848	189.5	
Aroclor-1221	3	7.116	-0.007	331596	15.0	3	7.771	0.004	281169	24.3	
Aroclor-1221	NS	---			----	4	8.586	0.006	685181	163.5	
Total Col1Ave (3 peaks):					20.5	Total Col2Ave (4 peaks):				102.2	RPD = 133*
Corrected Ave (3 peaks):					20.5	Corrected Ave (3 peaks):				73.2	RPD = 112*
Aroclor-1232	1	7.116	-0.007	331596	34.0	1	7.365	-0.008	183151	123.1	
Aroclor-1232	2	8.211	-0.009	674778	120.8	2	7.771	0.003	281169	69.9	
Aroclor-1232	3	8.692	-0.003	2184148	128.3	3	8.586	0.012	685181	182.9	
Aroclor-1232	4	8.869	-0.002	378169	49.2	4	9.314	-0.003	635760	107.5	
Total Col1Ave (4 peaks):					83.1	Total Col2Ave (4 peaks):				120.8	RPD = 37
Corrected Ave (4 peaks):					83.1	Corrected Ave (4 peaks):				120.8	RPD = 37
Aroclor-1242	1	8.211	-0.008	674778	89.6	1	7.771	0.003	281169	116.0	
Aroclor-1242	2	8.692	-0.003	2184148	98.0	2	8.586	0.014	685181	145.7	
Aroclor-1242	3	8.869	-0.001	378169	37.2	3	9.314	-0.003	635760	78.1	
Aroclor-1242	4	9.866	-0.003	875265	87.9	4	9.781	-0.004	167686	70.0	
Aroclor-1242	NS	---			----	5	11.447	-0.085	816177	306.2	
Total Col1Ave (4 peaks):					78.2	Total Col2Ave (5 peaks):				143.2	RPD = 59*
Corrected Ave (4 peaks):					78.2	Corrected Ave (4 peaks):				102.4	RPD = 27
Aroclor-1248	1	8.692	0.000	2184148	148.8	1	9.314	0.000	635760	125.6	
Aroclor-1248	2	9.298	-0.002	447700	51.9	2	10.422	-0.001	333185	90.7	
Aroclor-1248	3	9.866	-0.003	875265	66.9	3	10.981	-0.005	155956	38.3	
Aroclor-1248	4	10.397	0.005	595537	35.1	4	11.447	-0.082	816177	197.2	
Aroclor-1248	5	10.647	-0.037	1048956	85.0	NS	---			----	
Total Col1Ave (5 peaks):					77.5	Total Col2Ave (4 peaks):				112.9	RPD = 37
Corrected Ave (4 peaks):					59.7	Corrected Ave (3 peaks):				84.9	RPD = 35
Aroclor-1254	1	10.397	-0.007	595537	39.9	1	11.167	-0.002	125439	35.1	
Aroclor-1254	2	10.791	-0.003	365121	20.1	2	11.447	0.059	816177	171.9	
Aroclor-1254	3	11.297	0.035	513051	44.3	3	12.258	-0.006	213749	31.2	
Aroclor-1254	4	11.430	-0.006	458391	21.2	4	12.585	-0.003	225509	31.9	
Aroclor-1254	5	12.781	-0.004	576948	28.3	5	13.560	-0.012	263273	59.5	
Total Col1Ave (5 peaks):					30.8	Total Col2Ave (5 peaks):				65.9	RPD = 73*
Corrected Ave (5 peaks):					30.8	Corrected Ave (4 peaks):				39.4	RPD = 25
Aroclor-1260	1	13.086	-0.001	191339	22.0	1	12.871	-0.004	209880	32.1	
Aroclor-1260	2	13.465	-0.019	116600	14.3	2	13.677	-0.007	19454	5.6	
Aroclor-1260	3	13.952	0.037	640744	36.0	3	14.187	-0.005	78437	21.2	
Aroclor-1260	4	14.345	-0.002	99550	11.4	4	14.467	0.000	151410	18.8	
Aroclor-1260	5	14.538	-0.003	144303	31.1	5	15.037	-0.005	65210	12.9	
Total Col1Ave (5 peaks):					23.0	Total Col2Ave (5 peaks):				18.1	RPD = 24
Corrected Ave (5 peaks):					23.0	Corrected Ave (4 peaks):				14.6	RPD = 44*
Aroclor-1262	1	13.465	-0.019	116600	8.0	1	12.871	-0.003	209880	27.6	
Aroclor-1262	2	13.952	0.036	640744	22.1	2	13.677	-0.006	19454	2.2	
Aroclor-1262	3	14.345	-0.004	99550	10.0	3	14.467	0.001	151410	9.6	
Aroclor-1262	4	14.538	-0.003	144303	11.5	4	15.037	-0.006	65210	5.7	
Aroclor-1262	5	15.163	-0.021	216683	26.1	5	15.687	-0.010	90395	14.4	
Total Col1Ave (5 peaks):					15.6	Total Col2Ave (5 peaks):				11.9	RPD = 27
Corrected Ave (5 peaks):					15.6	Corrected Ave (4 peaks):				8.0	RPD = 65*
Aroclor-1268	1	14.466	0.000	36054	2.1	1	14.944	-0.039	237535	24.0	
Aroclor-1268	2	14.538	-0.001	144303	7.6	2	15.037	-0.006	65210	4.8	
Aroclor-1268	3	14.930	0.009	61484	5.0	3	15.422	0.007	30071	3.4	

Chl

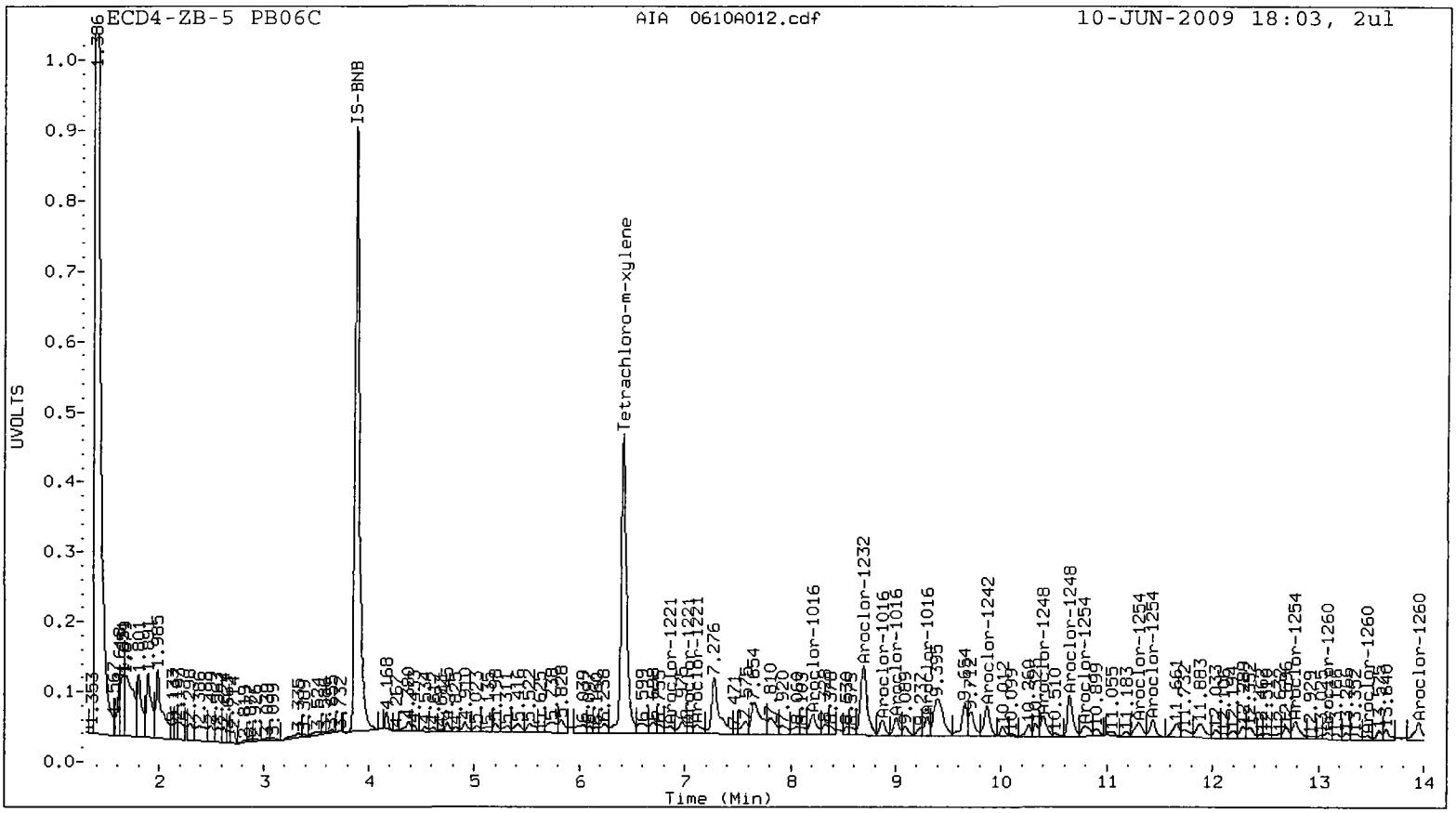
Aroclor-1268	4	15.627	-0.009	228501	9.6	4	16.110	-0.001	64718	2.7
Total Col1Ave (4 peaks):				6.1	Total Col2Ave (4 peaks):				8.7	RPD = 36
Corrected Ave (4 peaks):				6.1	Corrected Ave (3 peaks):				3.6	RPD = 50*

Total PCB Area Col1 (6.517 - 15.885) = 29274318 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 10849580 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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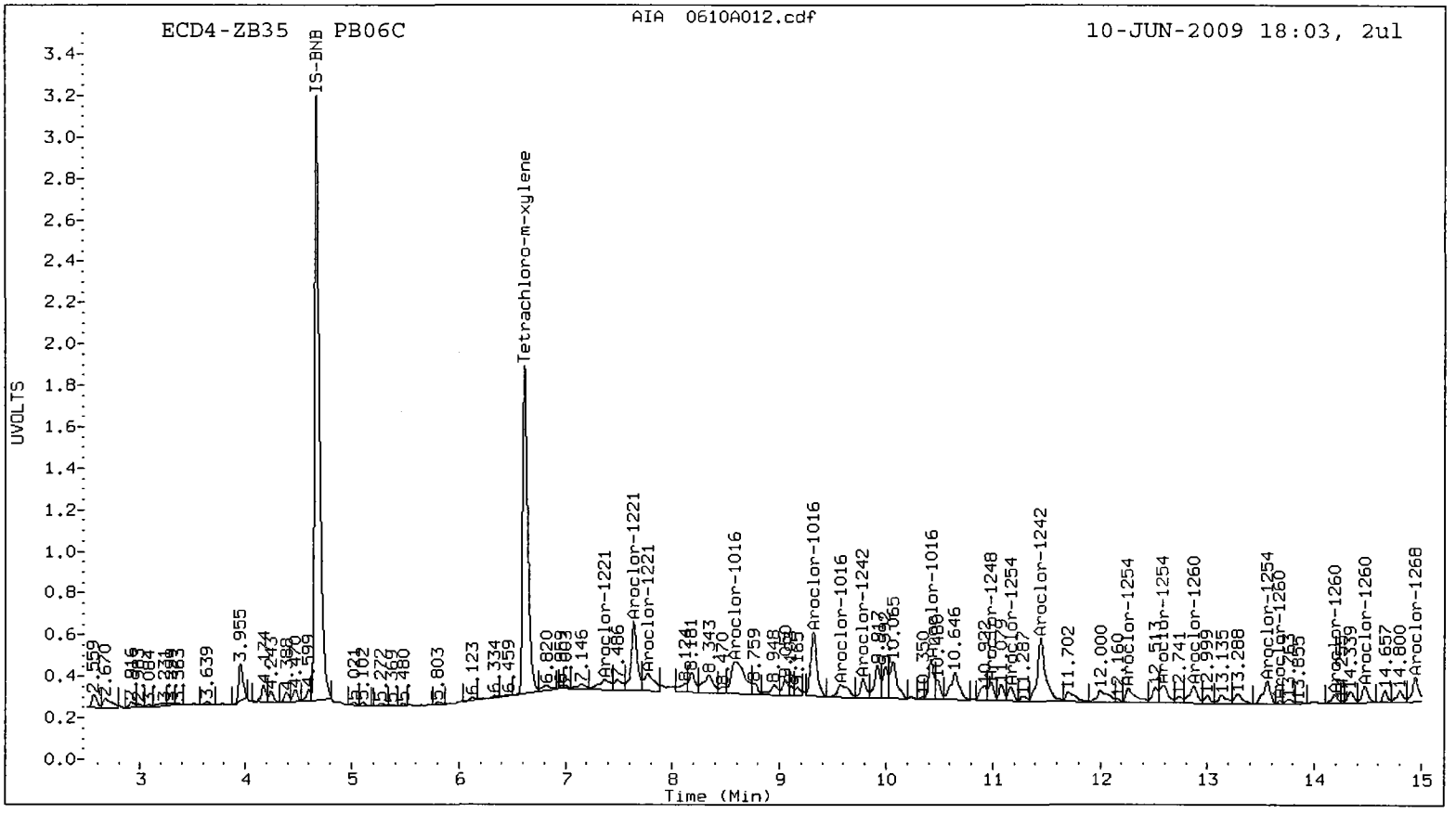
Aroclor-1260
UVOLTS
Time (Min)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Aroclor-1016
Aroclor-1221
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1268
UVOLTS
Time (Min)

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: BW-07-SS-090602
SAMPLE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 18:25
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	9.8	< 9.8 U
53469-21-9	Aroclor 1242	9.8	< 9.8 U
12672-29-6	Aroclor 1248	9.8	< 9.8 U
11097-69-1	Aroclor 1254	9.8	< 9.8 U
11096-82-5	Aroclor 1260	9.8	< 9.8 U
11104-28-2	Aroclor 1221	9.8	< 9.8 U
11141-16-5	Aroclor 1232	9.8	< 9.8 U
37324-23-5	Aroclor 1262	9.8	< 9.8 U
11100-14-4	Aroclor 1268	9.8	< 9.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	92.5%
Tetrachlorometaxylene	79.0%

PC
6/11/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/0610-1.b/0610A013.d
Data file 2: 20090608.b/0610-2.b/0610A013.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: PB06G
Client ID: BW-07-SS-090602
Injection Date: 10-JUN-2009 18:25
Report Date: 06/11/2009 11:04
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.412	-0.004	6099523	6.613	-0.004	2668143	22.0	31.6	36.0	Tetrachloro-m-xylene
15.983	-0.002	2154189	16.454	-0.002	3063797	21.2	37.0	54.5*	Decachlorobiphenyl M

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	54.9	79.0
Decachlorobiphenyl	52.9	92.5

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	12274241	-5.7
Hexabromobiphenyl	3208426	2312444	-27.9

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4525834	-4.8
Hexabromobiphenyl	1484240	1833402	23.5

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount	
Aroclor-1016	1	8.192	-0.029	253299	31.8	1	---			0.0	
Aroclor-1016	2	8.861	-0.011	55813	5.1	2	9.289	-0.028	66498	8.0	
Aroclor-1016	3	9.032	0.028	93455	12.5	3	9.566	-0.007	53034	13.9	
Aroclor-1016	4	9.299	-0.002	200313	33.9	4	10.420	-0.006	65174	19.5	
	Total Col1Ave (4 peaks):			20.8		Total Col2Ave (3 peaks):			13.8		RPD = 40*
	Corrected Ave (4 peaks):			20.8		Corrected Ave (3 peaks):			13.8		RPD = 40*
Aroclor-1221	1	6.763	-0.065	431537	36.2	1	7.373	0.001	112861	20.4	
Aroclor-1221	2	7.046	0.031	225125	29.4	2	7.637	-0.006	181127	55.3	
Aroclor-1221	3	---			0.0	3	7.772	0.006	202508	18.2	
Aroclor-1221	NS	---			----	4	8.675	0.095	2196058	546.3	
	Col1Ave: <3 Quant Peaks					Col2Ave:	160.1				
Aroclor-1232	1	7.046	-0.076	225125	23.4	1	7.373	0.000	112861	79.1	
Aroclor-1232	2	8.192	-0.027	253299	45.9	2	7.772	0.005	202508	52.5	
Aroclor-1232	3	8.687	-0.008	224564	13.4	3	---			0.0	
Aroclor-1232	4	8.861	-0.010	55813	7.4	4	9.289	-0.028	66498	11.7	
	Total Col1Ave (4 peaks):			22.5		Total Col2Ave (3 peaks):			47.8		RPD = 72*
	Corrected Ave (3 peaks):			14.7		Corrected Ave (3 peaks):			47.8		RPD = 106*
Aroclor-1242	1	8.192	-0.027	253299	34.0	1	7.772	0.005	202508	87.1	
Aroclor-1242	2	8.687	-0.008	224564	10.2	2	---			0.0	
Aroclor-1242	3	8.861	-0.009	55813	5.6	3	9.289	-0.028	66498	8.5	
Aroclor-1242	4	9.866	-0.002	108741	11.1	4	9.818	0.033	68519	29.8	
Aroclor-1242	NS	---			----	5	11.434	-0.097	1252918	490.2	
	Total Col1Ave (4 peaks):			15.2		Total Col2Ave (4 peaks):			153.9		RPD = 164*
	Corrected Ave (3 peaks):			8.9		Corrected Ave (3 peaks):			41.8		RPD = 130*
Aroclor-1248	1	8.687	-0.005	224564	15.5	1	9.289	-0.025	66498	13.7	
Aroclor-1248	2	9.299	-0.001	200313	23.5	2	10.420	-0.003	65174	18.5	
Aroclor-1248	3	9.866	-0.002	108741	8.4	3	10.982	-0.004	84580	21.7	
Aroclor-1248	4	10.402	0.009	489990	29.3	4	11.434	-0.095	1252918	315.6	
Aroclor-1248	5	10.650	-0.034	616107	50.5	NS	---			----	
	Total Col1Ave (5 peaks):			25.4		Total Col2Ave (4 peaks):			92.4		RPD = 114*
	Corrected Ave (4 peaks):			19.2		Corrected Ave (3 peaks):			18.0		RPD = 7
Aroclor-1254	1	10.402	-0.002	489990	33.2	1	11.166	-0.003	166404	48.5	
Aroclor-1254	2	10.790	-0.003	546846	30.4	2	11.434	0.047	1252918	275.2	
Aroclor-1254	3	11.265	0.003	597916	52.3	3	12.259	-0.005	431292	65.7	
Aroclor-1254	4	11.430	-0.005	1050831	49.2	4	12.586	-0.002	431253	63.6	
Aroclor-1254	5	12.781	-0.004	852008	42.3	5	13.566	-0.006	430754	101.6	
	Total Col1Ave (5 peaks):			41.5		Total Col2Ave (5 peaks):			110.9		RPD = 91*
	Corrected Ave (5 peaks):			41.5		Corrected Ave (4 peaks):			69.8		RPD = 51*
Aroclor-1260	1	13.081	-0.007	122195	12.8	1	12.871	-0.004	317547	44.8	
Aroclor-1260	2	13.475	-0.009	116497	13.1	2	13.675	-0.009	37574	10.0	
Aroclor-1260	3	13.953	0.038	504147	25.9	3	14.187	-0.005	159887	40.0	
Aroclor-1260	4	14.350	0.003	179039	18.8	4	14.467	0.000	204813	23.5	
Aroclor-1260	5	14.539	-0.001	137197	27.0	5	15.040	-0.003	88337	16.2	
	Total Col1Ave (5 peaks):			19.5		Total Col2Ave (5 peaks):			26.9		RPD = 32
	Corrected Ave (5 peaks):			19.5		Corrected Ave (5 peaks):			26.9		RPD = 32
Aroclor-1262	1	13.475	-0.009	116497	7.3	1	12.871	-0.003	317547	38.7	
Aroclor-1262	2	13.953	0.037	504147	15.9	2	13.675	-0.008	37574	3.9	
Aroclor-1262	3	14.350	0.001	179039	16.5	3	14.467	0.001	204813	12.1	
Aroclor-1262	4	14.539	-0.002	137197	10.0	4	15.040	-0.004	88337	7.2	
Aroclor-1262	5	15.163	-0.021	219044	24.2	5	15.713	0.016	112975	16.6	
	Total Col1Ave (5 peaks):			14.8		Total Col2Ave (5 peaks):			15.7		RPD = 6
	Corrected Ave (5 peaks):			14.8		Corrected Ave (4 peaks):			9.9		RPD = 39
Aroclor-1268	1	14.465	-0.001	62049	3.3	1	14.946	-0.037	171461	16.0	
Aroclor-1268	2	14.539	0.001	137197	6.6	2	15.040	-0.004	88337	6.0	
Aroclor-1268	3	14.933	0.012	84668	6.3	3	15.398	-0.018	79035	8.3	
Aroclor-1268	4	15.629	-0.006	219101	8.4	4	16.078	-0.034	34235	1.3	

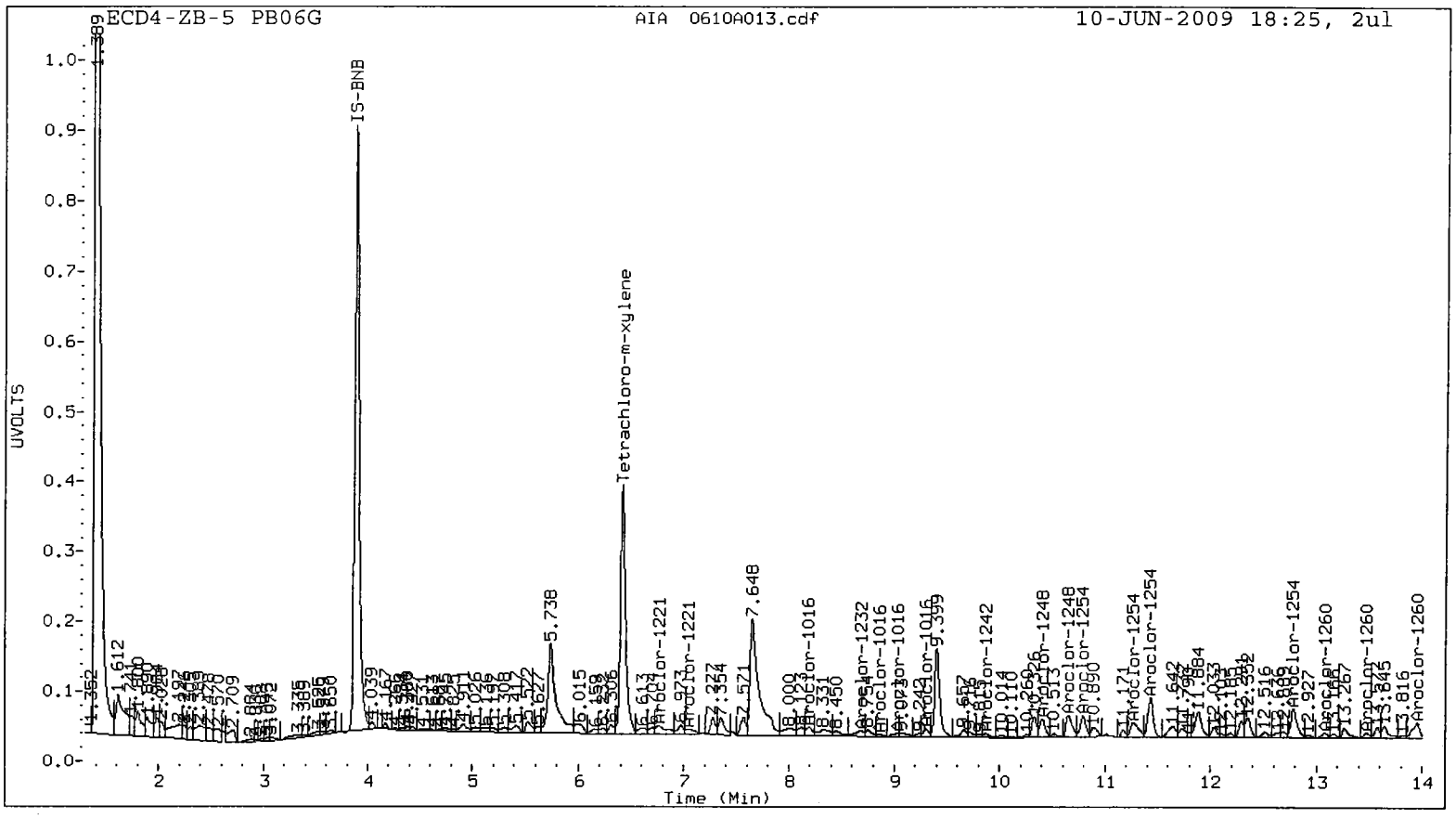
Total Col1Ave (4 peaks):	6.2	Total Col2Ave (4 peaks):	7.9	RPD = 25
Corrected Ave (4 peaks):	6.2	Corrected Ave (3 peaks):	5.2	RPD = 17

Total PCB Area Col1 (6.517 - 15.885) = 25887564 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 11565513 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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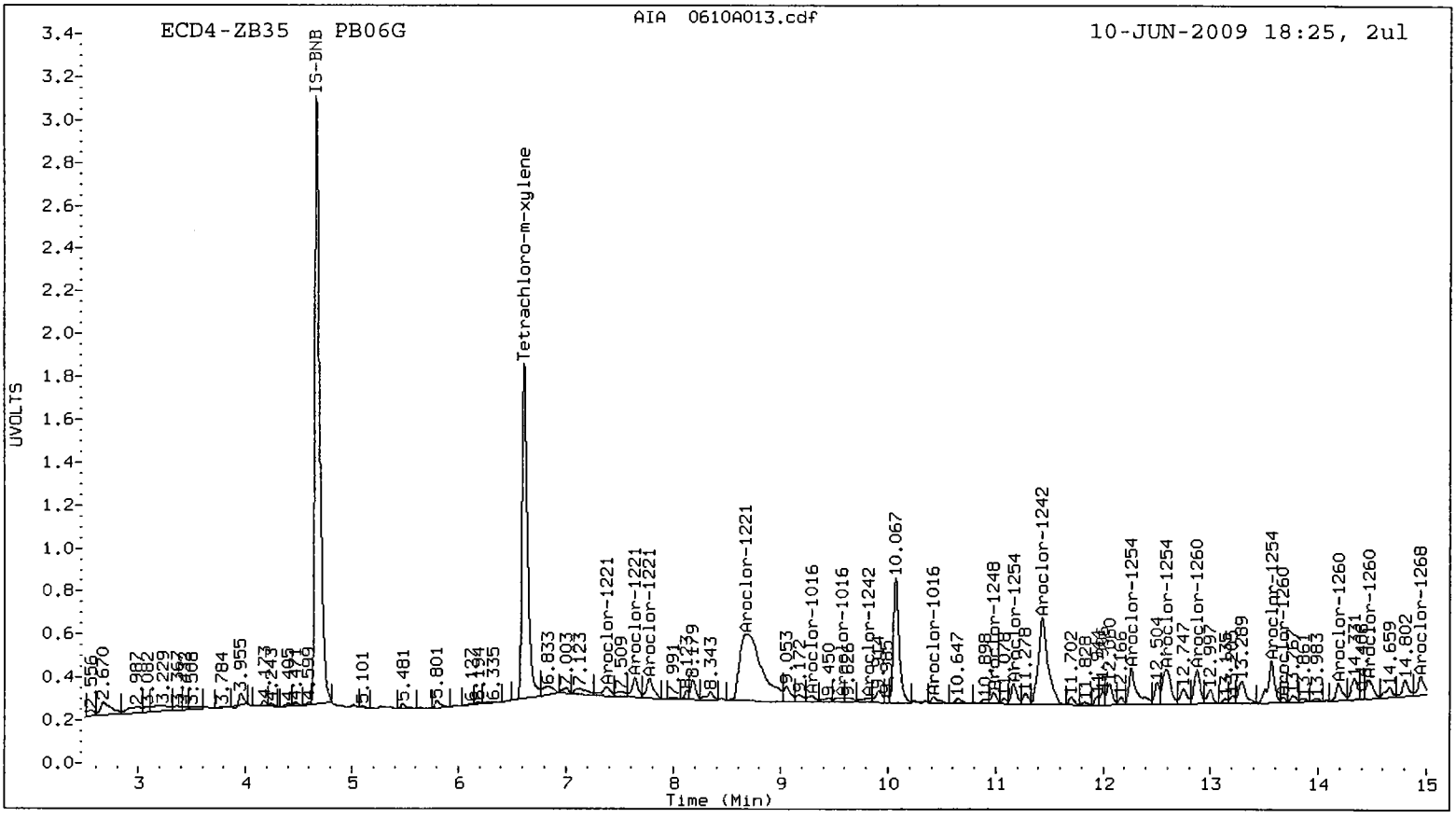
Time (Min)
IS-BNB
Tetrachloro-m-xylene
5.738
7.648
9.399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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1242
10.067

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: BW-09-SS-090602
SAMPLE

Lab Sample ID: PB06I
LIMS ID: 09-12550
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 19:32
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 10.0
Silica Gel: No

Percent Moisture: 46.1%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	**Aroclor 1254**	**20**	**100**
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U
37324-23-5	Aroclor 1262	20	< 20 U
11100-14-4	Aroclor 1268	20	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	66.0%
Tetrachlorometaxylene	110%

FORM I

FC
6/11/09
456 low filter

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/0610-1.b/0610A016.d
Data file 2: 20090608.b/0610-2.b/0610A016.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: PB06I
Client ID: BW-09-SS-090602
Injection Date: 10-JUN-2009 19:32
Report Date: 06/11/2009 10:51
Matrix: SOIL
Dilution Factor: 10.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
6.415	-0.002	1604146	6.615	-0.003	319161	4.4	3.6	19.0	Tetrachloro-m-xylene
15.987	0.002	262292	16.456	0.000	193446	2.5	2.6	3.7	Decachlorobiphenyl M

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	109.4	90.4
Decachlorobiphenyl	63.5	65.9

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	16204260	24.5
Hexabromobiphenyl	3208426	2345175	-26.9

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4729537	-0.5
Hexabromobiphenyl	1484240	1625016	9.5

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	8.211	-0.010	96694	9.2	1	8.611	0.038	192255	35.7
Aroclor-1016	2	8.878	0.006	307611	21.3	2	9.298	-0.019	13000	1.5
Aroclor-1016	3	8.994	-0.009	241729	24.4	3	9.562	-0.011	29194	7.3
Aroclor-1016	4	9.300	-0.001	573333	73.4	4	10.421	-0.005	100869	28.9
	Total Col1Ave (4 peaks):				32.1	Total Col2Ave (4 peaks):			18.4	RPD = 55*
	Corrected Ave (3 peaks):				18.3	Corrected Ave (3 peaks):			12.6	RPD = 37
Aroclor-1221	1	6.752	-0.075	189147	12.0	1	---			0.0
Aroclor-1221	2	7.044	0.029	64017	6.3	2	7.635	-0.008	28234	8.3
Aroclor-1221	3	7.120	-0.003	63280	2.2	3	7.773	0.006	66360	5.7
Aroclor-1221	NS	---			----	4	8.611	0.031	192255	45.8
	Total Col1Ave (3 peaks):				6.9	Total Col2Ave (3 peaks):			19.9	RPD = 98*
	Corrected Ave: < 3 Peaks					Corrected Ave: < 3 Peaks				
Aroclor-1232	1	7.120	-0.003	63280	5.0	1	---			0.0
Aroclor-1232	2	8.211	-0.008	96694	13.3	2	7.773	0.005	66360	16.5
Aroclor-1232	3	8.693	-0.003	247824	11.2	3	8.611	0.037	192255	51.2
Aroclor-1232	4	8.878	0.007	307611	30.7	4	9.298	-0.019	13000	2.2
	Total Col1Ave (4 peaks):				15.0	Total Col2Ave (3 peaks):			23.3	RPD = 43*
	Corrected Ave (3 peaks):				9.8	Corrected Ave: < 3 Peaks				
Aroclor-1242	1	8.211	-0.008	96694	9.8	1	7.773	0.005	66360	27.3
Aroclor-1242	2	8.693	-0.002	247824	8.5	2	8.611	0.039	192255	40.8
Aroclor-1242	3	8.878	0.008	307611	23.2	3	9.298	-0.019	13000	1.6
Aroclor-1242	4	9.864	-0.005	563561	43.4	4	---			0.0
Aroclor-1242	NS	---			----	5	11.504	-0.027	267854	100.3
	Total Col1Ave (4 peaks):				21.2	Total Col2Ave (4 peaks):			42.5	RPD = 67*
	Corrected Ave (3 peaks):				13.9	Corrected Ave (3 peaks):			23.2	RPD = 51*
Aroclor-1248	1	8.693	0.000	247824	12.9	1	9.298	-0.016	13000	2.6
Aroclor-1248	2	9.300	0.000	573333	50.9	2	10.421	-0.002	100869	27.4
Aroclor-1248	3	9.864	-0.004	563561	33.0	3	10.985	-0.002	138448	33.9
Aroclor-1248	4	10.404	0.011	1471027	66.5	4	11.504	-0.025	267854	64.6
Aroclor-1248	5	10.693	0.010	602553	37.4	NS	---			----
	Total Col1Ave (5 peaks):				40.2	Total Col2Ave (4 peaks):			32.1	RPD = 22
	Corrected Ave (5 peaks):				40.2	Corrected Ave (3 peaks):			21.3	RPD = 61*
Aroclor-1254	1	10.404	0.000	1471027	75.5	1	11.167	-0.002	327156	91.3
Aroclor-1254	2	10.793	0.000	1710889	72.1	2	11.384	-0.003	473379	99.5
Aroclor-1254	3	11.260	-0.002	973514	64.5	3	12.260	-0.004	682952	99.5
Aroclor-1254	4	11.434	-0.001	1946810	69.0	4	12.584	-0.004	803375	113.4
Aroclor-1254	5	12.783	-0.002	1993831	75.0	5	13.570	-0.002	571850	129.1
	Total Col1Ave (5 peaks):				71.2	Total Col2Ave (5 peaks):			106.5	RPD = 40
	Corrected Ave (5 peaks):				71.2	Corrected Ave (5 peaks):			106.5	RPD = 40
Aroclor-1260	1	13.086	-0.002	188737	19.5	1	12.873	-0.003	382695	61.0
Aroclor-1260	2	13.479	-0.005	105935	11.7	2	13.677	-0.006	39699	12.0
Aroclor-1260	3	13.912	-0.002	277968	14.1	3	14.187	-0.005	165958	46.8
Aroclor-1260	4	14.345	-0.003	168809	17.5	4	14.466	-0.001	137365	17.8
Aroclor-1260	5	14.540	0.000	63866	12.4	5	15.042	-0.001	126869	26.2
	Total Col1Ave (5 peaks):				15.0	Total Col2Ave (5 peaks):			32.7	RPD = 74*
	Corrected Ave (5 peaks):				15.0	Corrected Ave (4 peaks):			25.7	RPD = 52*
Aroclor-1262	1	13.479	-0.005	105935	6.6	1	12.873	-0.001	382695	52.6
Aroclor-1262	2	13.912	-0.003	277968	8.7	2	13.677	-0.005	39699	4.7
Aroclor-1262	3	14.345	-0.005	168809	15.3	3	14.466	0.000	137365	9.1
Aroclor-1262	4	14.540	-0.001	63866	4.6	4	15.042	-0.002	126869	11.6
Aroclor-1262	5	15.184	0.000	63614	6.9	5	15.697	0.000	26484	4.4
	Total Col1Ave (5 peaks):				8.4	Total Col2Ave (5 peaks):			16.5	RPD = 65*
	Corrected Ave (4 peaks):				6.7	Corrected Ave (4 peaks):			7.4	RPD = 11
Aroclor-1268	1	14.466	0.000	34139	1.8	1	15.042	0.059	126869	13.4
Aroclor-1268	2	14.540	0.002	63866	3.0	2	---			0.0
Aroclor-1268	3	14.935	0.013	26923	2.0	3	---			0.0

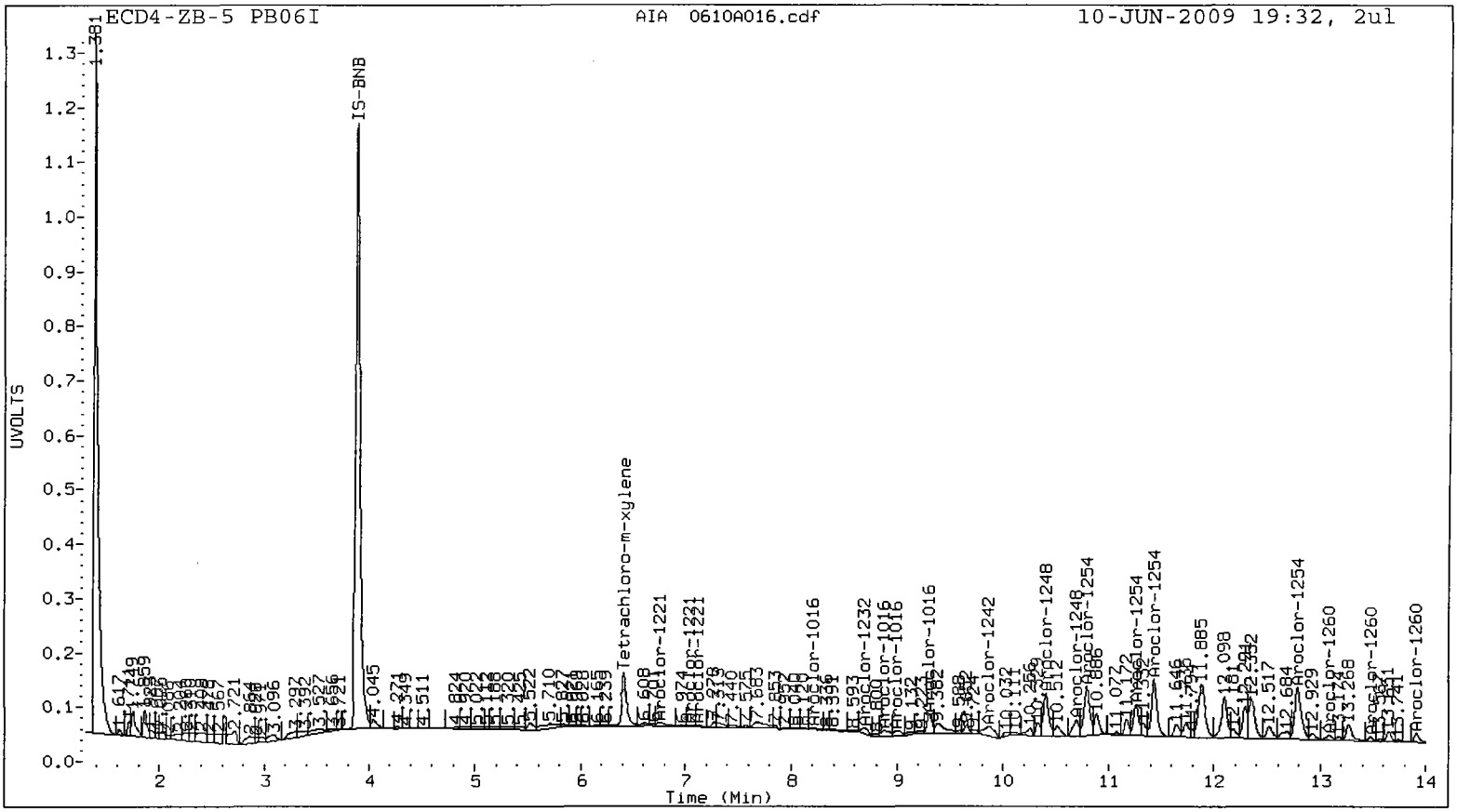
Aroclor-1268	4	15.629	-0.006	259697	9.8	4	16.108	-0.004	84291	3.7
Total Col1Ave (4 peaks):		4.2				Col2Ave: <3 Quant Peaks				

Total PCB Area Col1 (6.517 - 15.885) = 27491678 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 8086935 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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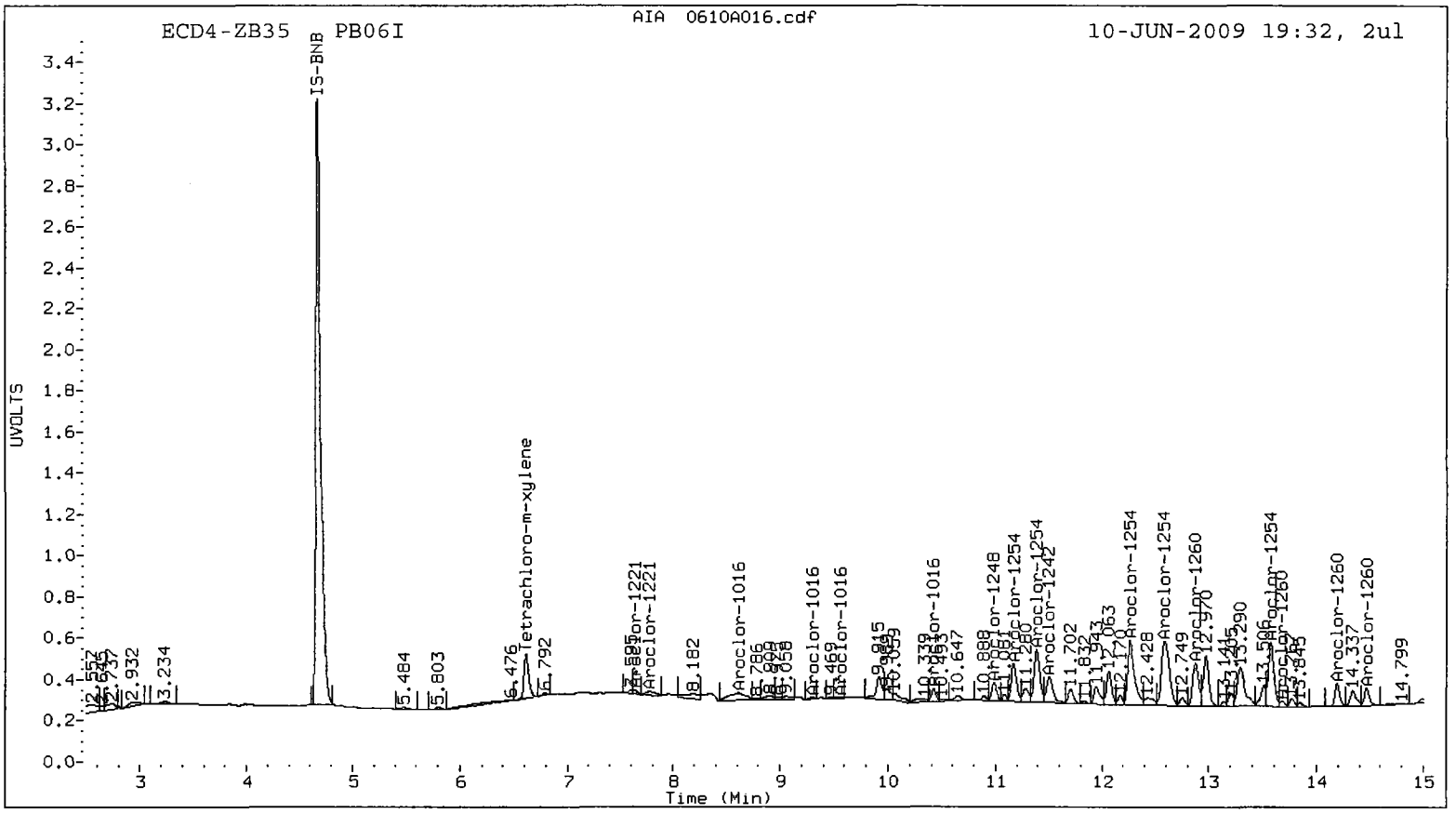
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
UVOLTS
Time (Min)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Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
UVOLTS
Time (Min)

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: BW-11-SS-090602
SAMPLE

Lab Sample ID: PB06K
LIMS ID: 09-12552
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 19:54
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 54.9%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	9.8	< 9.8 U
53469-21-9	Aroclor 1242	9.8	< 9.8 U
12672-29-6	Aroclor 1248	9.8	< 9.8 U
11097-69-1	Aroclor 1254	9.8	< 9.8 U
11096-82-5	Aroclor 1260	9.8	< 9.8 U
11104-28-2	Aroclor 1221	9.8	< 9.8 U
11141-16-5	Aroclor 1232	9.8	< 9.8 U
37324-23-5	Aroclor 1262	9.8	< 9.8 U
11100-14-4	Aroclor 1268	9.8	< 9.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	70.8%
Tetrachlorometaxylene	71.5%

FORM I

PC
6/11/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/0610-1.b/0610A017.d
Data file 2: 20090608.b/0610-2.b/0610A017.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: PB06K
Client ID: BW-11-SS-090602
Injection Date: 10-JUN-2009 19:54
Report Date: 06/11/2009 10:51
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.415	-0.002	7956324	6.615	-0.002	2537875	23.7	28.6	18.6	Tetrachloro-m-xylene
15.987	0.002	2543846	16.454	-0.002	2285473	27.0	28.3	4.8	Decachlorobiphenyl M

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	59.3	71.4
Decachlorobiphenyl	67.5	70.8

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	14822533	13.9
Hexabromobiphenyl	3208426	2140522	-33.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4759303	0.1
Hexabromobiphenyl	1484240	1786430	20.4

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
		ZB5 Col					ZB35 Col			
Aroclor-1016	1	8.200	-0.021	527258	54.7	1	8.478	-0.095	588669	108.5
Aroclor-1016	2	8.877	0.004	212742	16.1	2	9.297	-0.020	104146	11.9
Aroclor-1016	3	9.011	0.007	200268	22.1	3	9.572	-0.001	145509	36.3
Aroclor-1016	4	9.301	0.001	202312	28.3	4	10.421	-0.005	72413	20.6
	Total Col1Ave (4 peaks):				30.3	Total Col2Ave (4 peaks):			44.3	RPD = 38
	Corrected Ave (3 peaks):				22.2	Corrected Ave (3 peaks):			23.0	RPD = 3
Aroclor-1221	1	6.864	0.037	261265	18.2	1	7.363	-0.009	116707	20.1
Aroclor-1221	2	7.030	0.014	215821	23.4	2	7.640	-0.004	778934	226.3
Aroclor-1221	3	7.122	-0.002	372859	14.1	3	7.769	0.002	84214	7.2
Aroclor-1221	NS	---			----	4	---			0.0
	Total Col1Ave (3 peaks):				18.6	Total Col2Ave (3 peaks):			84.5	RPD = 128*
	Corrected Ave (3 peaks):				18.6	Corrected Ave: < 3 Peaks				
Aroclor-1232	1	7.122	-0.001	372859	32.1	1	7.363	-0.009	116707	77.8
Aroclor-1232	2	8.200	-0.020	527258	79.1	2	7.769	0.001	84214	20.8
Aroclor-1232	3	8.694	-0.001	598179	29.5	3	8.478	-0.096	588669	155.8
Aroclor-1232	4	8.877	0.006	212742	23.2	4	9.297	-0.020	104146	17.5
	Total Col1Ave (4 peaks):				40.9	Total Col2Ave (4 peaks):			68.0	RPD = 50*
	Corrected Ave (3 peaks):				28.2	Corrected Ave (3 peaks):			38.7	RPD = 31
Aroclor-1242	1	8.200	-0.019	527258	58.7	1	7.769	0.001	84214	34.4
Aroclor-1242	2	8.694	0.000	598179	22.5	2	8.478	-0.094	588669	124.2
Aroclor-1242	3	8.877	0.006	212742	17.6	3	9.297	-0.019	104146	12.7
Aroclor-1242	4	9.867	-0.002	437325	36.8	4	9.782	-0.003	69114	28.6
Aroclor-1242	NS	---			----	5	11.446	-0.086	877483	326.5
	Total Col1Ave (4 peaks):				33.9	Total Col2Ave (5 peaks):			105.3	RPD = 103*
	Corrected Ave (3 peaks):				25.6	Corrected Ave (4 peaks):			50.0	RPD = 64*
Aroclor-1248	1	8.694	0.002	598179	34.2	1	9.297	-0.017	104146	20.4
Aroclor-1248	2	9.301	0.002	202312	19.7	2	10.421	-0.002	72413	19.5
Aroclor-1248	3	9.867	-0.001	437325	28.0	3	10.983	-0.003	87269	21.3
Aroclor-1248	4	10.402	0.010	385717	19.1	4	11.446	-0.084	877483	210.2
Aroclor-1248	5	10.650	-0.034	1137330	77.2	NS	---			----
	Total Col1Ave (5 peaks):				35.6	Total Col2Ave (4 peaks):			67.9	RPD = 62*
	Corrected Ave (4 peaks):				25.2	Corrected Ave (3 peaks):			20.4	RPD = 21
Aroclor-1254	1	10.402	-0.002	385717	21.7	1	11.169	0.000	105562	29.3
Aroclor-1254	2	10.794	0.000	372544	17.2	2	11.446	0.058	877483	183.3
Aroclor-1254	3	11.298	0.035	634066	45.9	3	12.260	-0.004	126152	18.3
Aroclor-1254	4	11.431	-0.005	682118	26.4	4	12.585	-0.003	233049	32.7
Aroclor-1254	5	12.785	-0.001	775024	31.9	5	13.567	-0.005	130705	29.3
	Total Col1Ave (5 peaks):				28.6	Total Col2Ave (5 peaks):			58.6	RPD = 69*
	Corrected Ave (5 peaks):				28.6	Corrected Ave (4 peaks):			27.4	RPD = 4
Aroclor-1260	1	13.086	-0.001	372466	42.3	1	12.871	-0.004	223426	32.4
Aroclor-1260	2	13.460	-0.023	168787	20.5	2	13.678	-0.006	23943	6.6
Aroclor-1260	3	13.954	0.039	800416	44.4	3	14.187	-0.005	85399	21.9
Aroclor-1260	4	14.389	0.042	154556	17.5	4	14.470	0.002	294281	34.7
Aroclor-1260	5	14.539	-0.001	168171	35.8	5	15.039	-0.003	89218	16.8
	Total Col1Ave (5 peaks):				32.1	Total Col2Ave (5 peaks):			22.5	RPD = 35
	Corrected Ave (5 peaks):				32.1	Corrected Ave (5 peaks):			22.5	RPD = 35
Aroclor-1262	1	13.460	-0.024	168787	11.5	1	12.871	-0.003	223426	27.9
Aroclor-1262	2	13.954	0.038	800416	27.3	2	13.678	-0.005	23943	2.6
Aroclor-1262	3	14.389	0.040	154556	15.4	3	14.470	0.004	294281	17.8
Aroclor-1262	4	14.539	-0.001	168171	13.3	4	15.039	-0.004	89218	7.4
Aroclor-1262	5	15.174	-0.010	294629	35.1	5	15.694	-0.004	93622	14.1
	Total Col1Ave (5 peaks):				20.5	Total Col2Ave (5 peaks):			14.0	RPD = 38
	Corrected Ave (4 peaks):				16.9	Corrected Ave (4 peaks):			10.5	RPD = 47*
Aroclor-1268	1	14.472	0.005	39722	2.3	1	14.945	-0.038	288452	27.7
Aroclor-1268	2	14.539	0.001	168171	8.7	2	15.039	-0.005	89218	6.2
Aroclor-1268	3	14.934	0.013	120349	9.7	3	15.502	0.086	133033	14.3

Aroclor-1268	4	15.628	-0.007	340784	14.1	4	16.106	-0.005	74149	2.9

Total Col1Ave (4 peaks): 8.7 Total Col2Ave (4 peaks): 12.8 RPD = 38

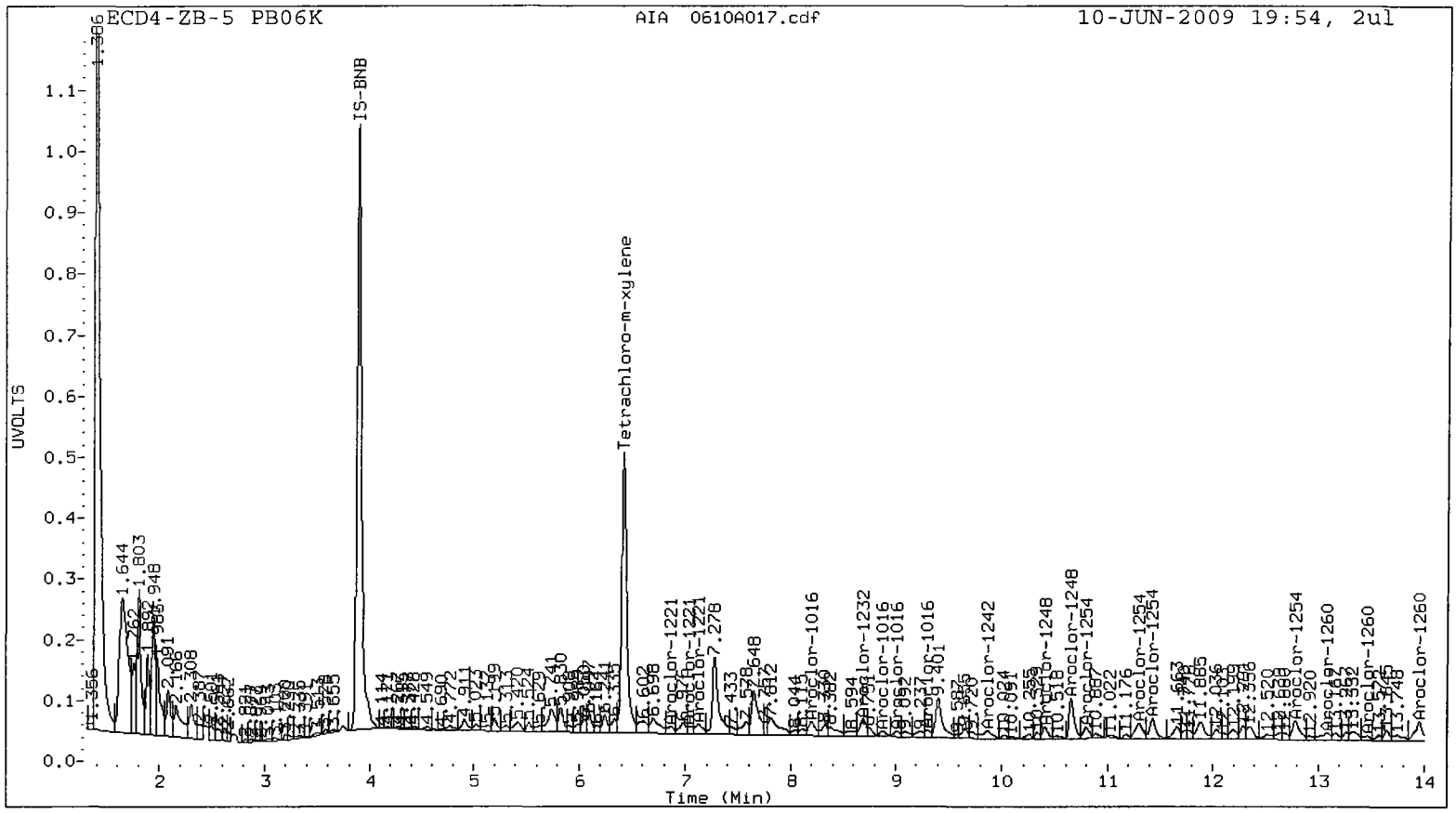
Corrected Ave (4 peaks): 8.7 Corrected Ave (3 peaks): 7.8 RPD = 11

Total PCB Area Col1 (6.517 - 15.885) = 29885609 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 9205763 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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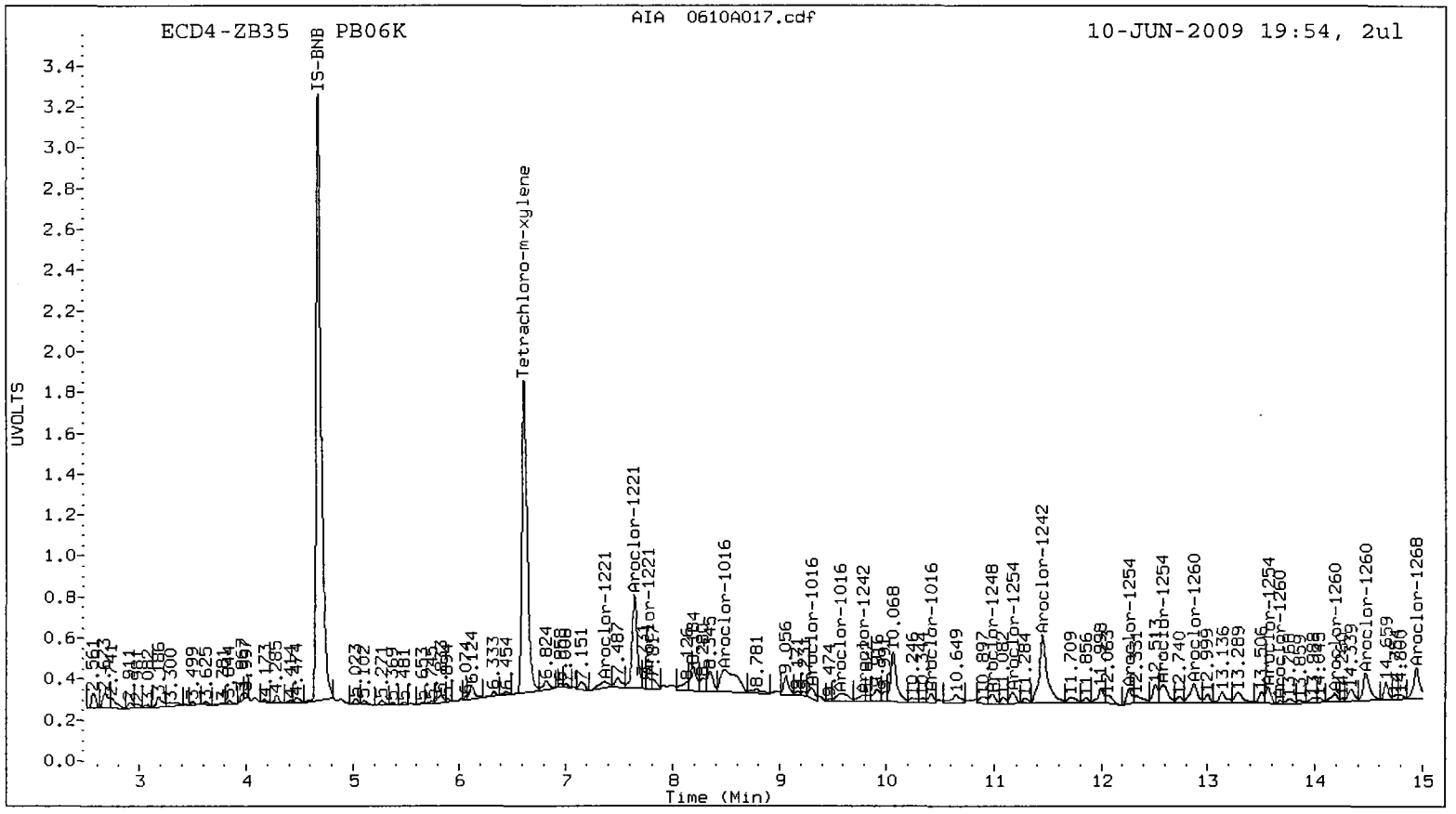
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
UVOLTS
Time (Min)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Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1221
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1268
UVOLTS
Time (Min)

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: BW-53-SS-090602
SAMPLE

Lab Sample ID: PB06M
LIMS ID: 09-12554
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 20:16
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 51.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	9.8	< 9.8 U
53469-21-9	Aroclor 1242	9.8	< 9.8 U
12672-29-6	Aroclor 1248	9.8	< 9.8 U
11097-69-1	Aroclor 1254	9.8	< 9.8 U
11096-82-5	Aroclor 1260	9.8	< 9.8 U
11104-28-2	Aroclor 1221	9.8	< 9.8 U
11141-16-5	Aroclor 1232	9.8	< 9.8 U
37324-23-5	Aroclor 1262	9.8	< 9.8 U
11100-14-4	Aroclor 1268	9.8	< 9.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	79.0%
Tetrachlorometaxylene	74.0%

FORM I

PC 6/11/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/0610-1.b/0610A018.d
Data file 2: 20090608.b/0610-2.b/0610A018.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: PB06M
Client ID: BW-53-SS-090602
Injection Date: 10-JUN-2009 20:16
Report Date: 06/11/2009 10:51
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.415	-0.002	8408881	6.614	-0.003	2748038	25.3	29.6	15.8	Tetrachloro-m-xylene
15.987	0.002	2760676	16.454	-0.001	2529752	26.3	31.6	18.4	Decachlorobiphenyl M

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	63.3	74.1
Decachlorobiphenyl	65.7	79.1

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	14687516	12.9
Hexabromobiphenyl	3208426	2384056	-25.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4967347	4.5
Hexabromobiphenyl	1484240	1770217	19.3

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	8.214	-0.007	473944	49.7	1	8.565	-0.008	555100	98.0
Aroclor-1016	2	8.873	0.000	458530	35.1	2	9.313	-0.004	764444	83.8
Aroclor-1016	3	9.004	0.000	629628	70.2	3	9.565	-0.007	261714	62.6
Aroclor-1016	4	9.299	-0.001	508580	71.9	4	10.423	-0.003	385897	105.3
	Total Col1Ave (4 peaks):			56.7		Total Col2Ave (4 peaks):			87.4	RPD = 43*
	Corrected Ave (4 peaks):			56.7		Corrected Ave (4 peaks):			87.4	RPD = 43*
Aroclor-1221	1	6.863	0.036	127302	8.9	1	7.368	-0.004	132277	21.8
Aroclor-1221	2	6.976	-0.039	434477	47.4	2	7.639	-0.005	394432	109.8
Aroclor-1221	3	7.120	-0.003	264011	10.1	3	7.772	0.006	306959	25.2
Aroclor-1221	NS	---			----	4	8.565	-0.016	555100	125.8
	Total Col1Ave (3 peaks):			22.2		Total Col2Ave (4 peaks):			70.6	RPD = 104*
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):			52.3	
Aroclor-1232	1	7.120	-0.003	264011	22.9	1	7.368	-0.005	132277	84.5
Aroclor-1232	2	8.214	-0.005	473944	71.7	2	7.772	0.005	306959	72.5
Aroclor-1232	3	8.695	-0.001	2679280	133.1	3	8.565	-0.009	555100	140.8
Aroclor-1232	4	8.873	0.002	458530	50.5	4	9.313	-0.004	764444	122.8
	Total Col1Ave (4 peaks):			69.6		Total Col2Ave (4 peaks):			105.1	RPD = 41*
	Corrected Ave (3 peaks):			48.4		Corrected Ave (4 peaks):			105.1	RPD = 74*
Aroclor-1242	1	8.214	-0.005	473944	53.2	1	7.772	0.005	306959	120.3
Aroclor-1242	2	8.695	0.000	2679280	101.6	2	8.565	-0.007	555100	112.2
Aroclor-1242	3	8.873	0.002	458530	38.2	3	9.313	-0.004	764444	89.2
Aroclor-1242	4	9.867	-0.002	1170939	99.5	4	9.781	-0.004	216637	85.9
Aroclor-1242	NS	---			----	5	11.445	-0.086	888607	316.8
	Total Col1Ave (4 peaks):			73.1		Total Col2Ave (5 peaks):			144.9	RPD = 66*
	Corrected Ave (4 peaks):			73.1		Corrected Ave (4 peaks):			101.9	RPD = 33
Aroclor-1248	1	8.695	0.002	2679280	154.4	1	9.313	-0.001	764444	143.5
Aroclor-1248	2	9.299	0.000	508580	49.9	2	10.423	0.000	385897	99.8
Aroclor-1248	3	9.867	-0.001	1170939	75.7	3	10.977	-0.010	182215	42.5
Aroclor-1248	4	10.399	0.006	828205	41.3	4	11.445	-0.084	888607	204.0
Aroclor-1248	5	10.649	-0.035	1448518	99.3	NS	---			----
	Total Col1Ave (5 peaks):			84.1		Total Col2Ave (4 peaks):			122.4	RPD = 37
	Corrected Ave (4 peaks):			66.5		Corrected Ave (4 peaks):			122.4	RPD = 59*
Aroclor-1254	1	10.399	-0.005	828205	46.9	1	11.172	0.003	184192	48.9
Aroclor-1254	2	10.796	0.002	517549	24.1	2	11.445	0.058	888607	177.8
Aroclor-1254	3	11.299	0.037	675750	49.4	3	12.259	-0.005	247577	34.3
Aroclor-1254	4	11.432	-0.003	558420	21.8	4	12.586	-0.002	263829	35.5
Aroclor-1254	5	12.784	-0.001	574350	23.8	5	13.568	-0.004	151756	32.6
	Total Col1Ave (5 peaks):			33.2		Total Col2Ave (5 peaks):			65.8	RPD = 66*
	Corrected Ave (5 peaks):			33.2		Corrected Ave (4 peaks):			37.8	RPD = 13
Aroclor-1260	1	13.087	0.000	176461	18.0	1	12.871	-0.005	249979	36.5
Aroclor-1260	2	13.466	-0.017	64792	7.1	2	13.682	-0.002	26794	7.4
Aroclor-1260	3	13.954	0.040	629788	31.4	3	14.190	-0.002	101381	26.2
Aroclor-1260	4	14.342	-0.006	190788	19.4	4	14.469	0.001	256572	30.5
Aroclor-1260	5	14.540	0.000	168861	32.3	5	15.037	-0.005	58301	11.1
	Total Col1Ave (5 peaks):			21.6		Total Col2Ave (5 peaks):			22.4	RPD = 3
	Corrected Ave (5 peaks):			21.6		Corrected Ave (5 peaks):			22.4	RPD = 3
Aroclor-1262	1	13.466	-0.018	64792	4.0	1	12.871	-0.003	249979	31.5
Aroclor-1262	2	13.954	0.038	629788	19.3	2	13.682	-0.001	26794	2.9
Aroclor-1262	3	14.342	-0.007	190788	17.0	3	14.469	0.003	256572	15.6
Aroclor-1262	4	14.540	-0.001	168861	12.0	4	15.037	-0.006	58301	4.9
Aroclor-1262	5	15.166	-0.018	409674	43.8	5	15.688	-0.009	143507	21.9
	Total Col1Ave (5 peaks):			19.2		Total Col2Ave (5 peaks):			15.4	RPD = 22
	Corrected Ave (4 peaks):			13.1		Corrected Ave (4 peaks):			11.3	RPD = 14
Aroclor-1268	1	14.470	0.004	38379	2.0	1	14.946	-0.037	290488	28.1
Aroclor-1268	2	14.540	0.002	168861	7.9	2	15.037	-0.007	58301	4.1
Aroclor-1268	3	14.934	0.012	78850	5.7	3	15.425	0.009	17585	1.9

Aroclor-1268	4	15.628	-0.008	338997	12.6	4	16.115	0.004	136604	5.5

Total Col1Ave (4 peaks): 7.0 Total Col2Ave (4 peaks): 9.9 RPD = 34

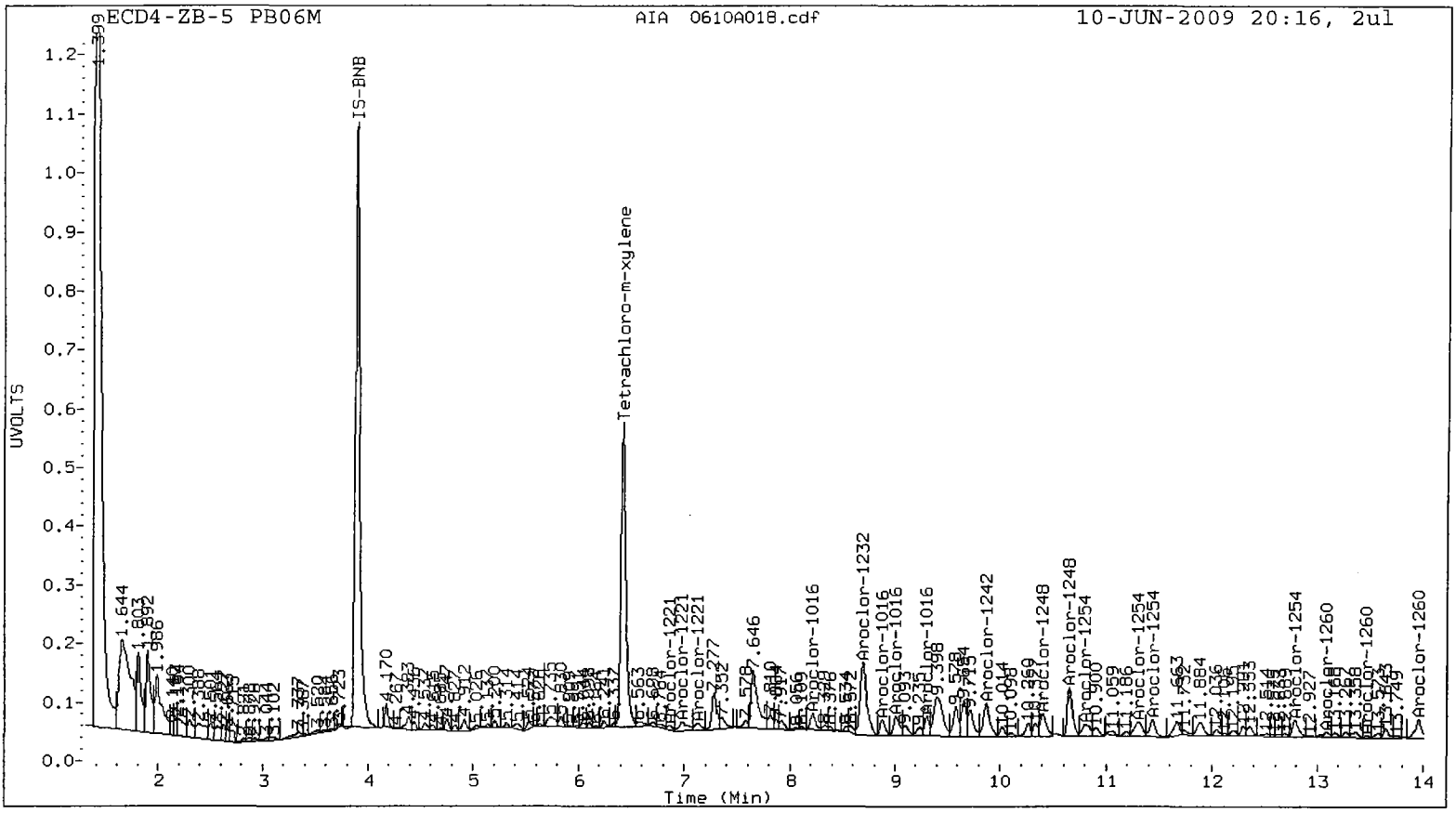
Corrected Ave (3 peaks): 5.2 Corrected Ave (3 peaks): 3.8 RPD = 30

Total PCB Area Col1 (6.517 - 15.885) = 31582163 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 12666192 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
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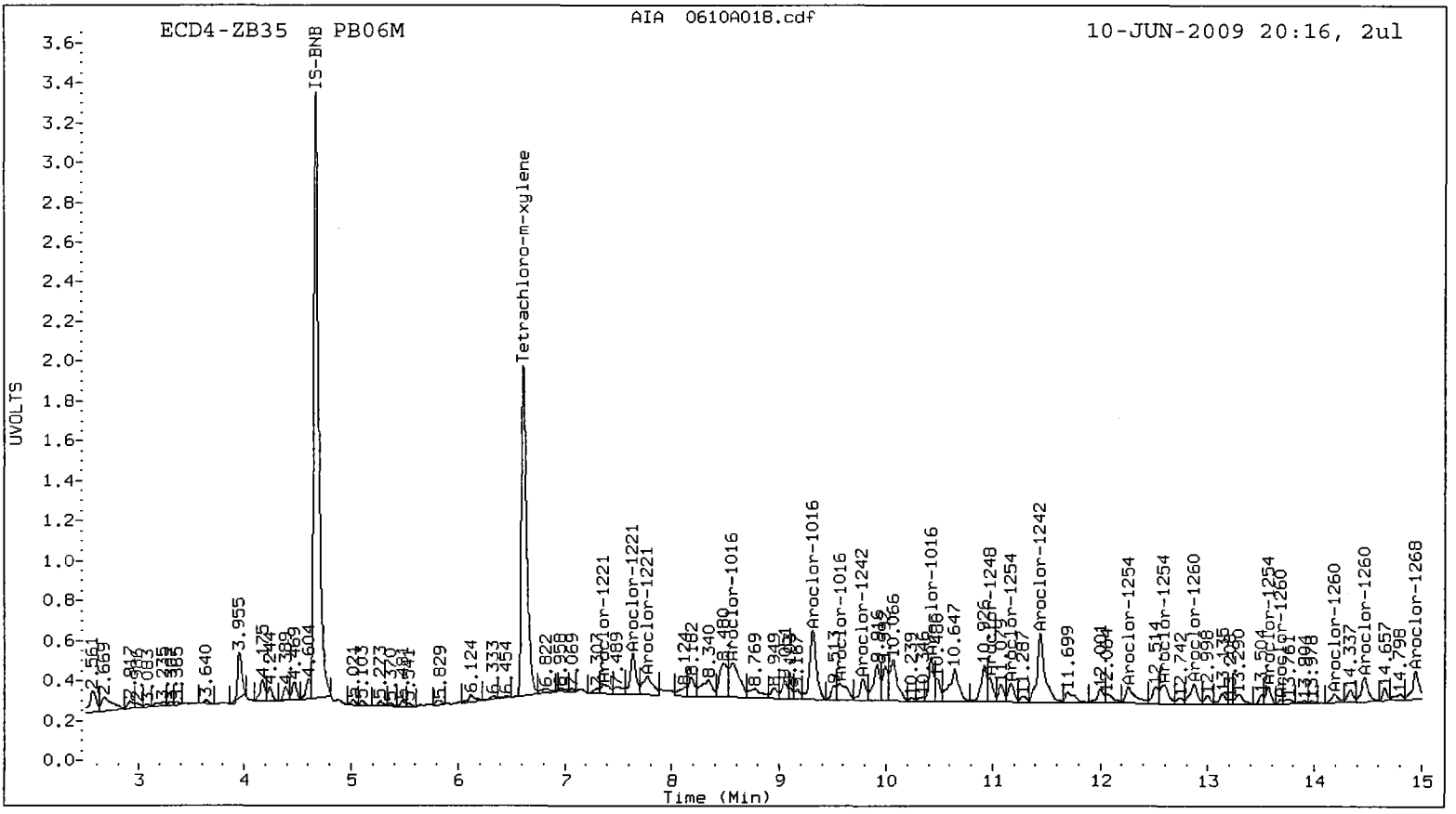
Aroclor-1248
Aroclor-1254
Aroclor-1260
UVOLTS
Time (Min)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Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1268
UVOLTS
Time (Min)

PCB Analysis
Standard Raw Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

8082 INITIAL CALIBRATION OF AROCLOR 1016/1260

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: ZB5 Instrument ID: ECD4

Calibration Date: 06/08/09

SURROGATES

	RT WIN	LVL1	LVL2	LVL3	LVL4	LVL5	MEAN	%RSD
TCX	6.32- 6.52	2.1752	2.0190	1.9058	1.6118	1.3393	1.8102	18.5
DCB	15.89-16.09	4.3241	3.9175	3.6399	3.2155	2.5190	3.5232	19.6

Aroclor-1016 Peak	RT WIN	LVL1 .02	LVL2 0.05	LVL3 .1	LVL4 0.25	LVL5 0.5	MEAN	%RSD
1	8.12- 8.32	0.0524	0.0624	0.0560	0.0487	0.0404	0.0520	15.8
2	8.77- 8.97	0.0821	0.0772	0.0770	0.0655	0.0539	0.0711	16.0
3	8.90- 9.10	0.0495	0.0522	0.0544	0.0478	0.0402	0.0488	11.1
4	9.20- 9.40	0.0379	0.0408	0.0448	0.0379	0.0314	0.0385	12.7

AROCLOR AVERAGE %RSD = 13.9

Aroclor-1260 Peak	RT WIN	LVL1 .02	LVL2 0.05	LVL3 .1	LVL4 0.25	LVL5 0.5	MEAN	%RSD
1	12.99-13.19	0.3592	0.3838	0.3153	0.3348	0.2536	0.3293	15.0
2	13.38-13.58	0.3592	0.3476	0.2887	0.3104	0.2359	0.3084	16.0
3	13.81-14.01	0.7891	0.7776	0.6466	0.6530	0.4996	0.6732	17.5
4	14.25-14.45	0.4017	0.3469	0.3231	0.3267	0.2491	0.3295	16.6
5	14.44-14.64	0.2147	0.1826	0.1706	0.1771	0.1332	0.1756	16.6

AROCLOR AVERAGE %RSD = 16.4

8082 INITIAL CALIBRATION OF AROCLOR 1016/1260

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: ZB35 Instrument ID: ECD4

Calibration Date: 06/08/09

SURROGATES

	RT WIN	LVL1	LVL2	LVL3	LVL4	LVL5	MEAN	%RSD
TCX	6.52- 6.72	1.6758	1.4541	1.4940	1.5760	1.2640	1.4928	10.3
DCB	16.36-16.56	3.5844	3.4296	3.6307	4.1564	3.2687	3.6140	9.3

Aroclor-1016 Peak	RT WIN	LVL1 .02	LVL2 .05	LVL3 0.1	LVL4 .25	LVL5 0.5	MEAN	%RSD
1	8.47- 8.67	0.1066	0.0951	0.0949	0.0902	0.0692	0.0912	15.0
2	9.22- 9.42	0.1719	0.1551	0.1521	0.1429	0.1123	0.1469	15.0
3	9.47- 9.67	0.0738	0.0653	0.0710	0.0724	0.0542	0.0673	11.9
4	10.33-10.53	0.0714	0.0649	0.0540	0.0509	0.0539	0.0590	14.8

AROCLOR AVERAGE %RSD = 14.2

Aroclor-1260 Peak	RT WIN	LVL1 .02	LVL2 .05	LVL3 0.1	LVL4 .25	LVL5 0.5	MEAN	%RSD
1	12.78-12.98	0.3720	0.3270	0.2948	0.3025	0.2492	0.3091	14.6
2	13.58-13.78	0.1672	0.1726	0.1689	0.1672	0.1406	0.1633	7.9
3	14.09-14.29	0.2083	0.1808	0.1691	0.1716	0.1432	0.1746	13.4
4	14.37-14.57	0.4210	0.4001	0.3708	0.3807	0.3266	0.3798	9.3
5	14.94-15.14	0.2539	0.2447	0.2320	0.2468	0.2147	0.2384	6.5

AROCLOR AVERAGE %RSD = 10.3

6G

8082 INITIAL CALIBRATION OF SINGLE POINT PCBs

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: ZB5 Instrument ID: ECD4

Calibration Date: 06/08/09

Aroclor-1221			
Peak	RT	RT WIN	Cal Factor
1	6.827	6.73- 6.93	0.07762
2	7.015	6.92- 7.12	0.04988
3	7.123	7.02- 7.22	0.14238

Aroclor-1232			
Peak	RT	RT WIN	Cal Factor
1	7.123	7.02- 7.22	0.06278
2	8.220	8.12- 8.32	0.03599
3	8.695	8.60- 8.80	0.10961
4	8.871	8.77- 8.97	0.04948

Aroclor-1242			
Peak	RT	RT WIN	Cal Factor
1	8.219	8.12- 8.32	0.04850
2	8.695	8.59- 8.79	0.14357
3	8.871	8.77- 8.97	0.06542
4	9.869	9.77- 9.97	0.06411

Aroclor-1248			
Peak	RT	RT WIN	Cal Factor
1	8.692	8.59- 8.79	0.09452
2	9.299	9.20- 9.40	0.05556
3	9.868	9.77- 9.97	0.08424
4	10.393	10.29-10.49	0.10917
5	10.684	10.58-10.78	0.07947

6G

8082 INITIAL CALIBRATION OF SINGLE POINT PCBs

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: ZB5 Instrument ID: ECD4

Calibration Date: 06/08/09

Aroclor-1254			
Peak	RT	RT WIN	Cal Factor
1	10.404	10.30-10.50	0.09615
2	10.794	10.69-10.89	0.11712
3	11.262	11.16-11.36	0.07453
4	11.435	11.34-11.54	0.13932
5	12.785	12.69-12.89	0.13120

Aroclor-1262			
Peak	RT	RT WIN	Cal Factor
1	13.484	13.38-13.58	0.54905
2	13.915	13.82-14.02	1
3	14.349	14.25-14.45	0.37558
4	14.541	14.44-14.64	0.47267
5	15.184	15.08-15.28	0.31364

Aroclor-1268			
Peak	RT	RT WIN	Cal Factor
1	14.466	14.37-14.57	0.65244
2	14.538	14.44-14.64	0.71884
3	14.921	14.82-15.02	0.46365
4	15.636	15.54-15.74	0.90086

6G

8082 INITIAL CALIBRATION OF SINGLE POINT PCBs

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: ZB35 Instrument ID: ECD4

Calibration Date: 06/08/09

Aroclor-1221			
Peak	RT	RT WIN	Cal Factor
1	7.372	7.27- 7.47	0.09757
2	7.643	7.54- 7.74	0.05787
3	7.767	7.67- 7.87	0.19653
4	8.580	8.48- 8.68	0.07105

Aroclor-1232			
Peak	RT	RT WIN	Cal Factor
1	7.373	7.27- 7.47	0.02522
2	7.767	7.67- 7.87	0.06821
3	8.574	8.47- 8.67	0.06351
4	9.317	9.22- 9.42	0.10027

Aroclor-1242			
Peak	RT	RT WIN	Cal Factor
1	7.767	7.67- 7.87	0.04110
2	8.572	8.47- 8.67	0.07970
3	9.317	9.22- 9.42	0.13807
4	9.785	9.69- 9.89	0.04061
5	11.531	11.43-11.63	0.04518

Aroclor-1248			
Peak	RT	RT WIN	Cal Factor
1	9.314	9.21- 9.41	0.08580
2	10.423	10.32-10.52	Q.06229
3	10.986	10.89-11.09	0.06900
4	11.529	11.43-11.63	0.07016

6G

8082 INITIAL CALIBRATION OF SINGLE POINT PCBs

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: ZB35 Instrument ID: ECD4

Calibration Date: 06/08/09

Aroclor-1254			
Peak	RT	RT WIN	Cal Factor
1	11.169	11.07-11.27	0.06060
2	11.387	11.29-11.49	0.08048
3	12.264	12.16-12.36	0.11612
4	12.588	12.49-12.69	0.11986
5	13.572	13.47-13.67	0.07494

Aroclor-1262			
Peak	RT	RT WIN	Cal Factor
1	12.874	12.77-12.97	0.35837
2	13.683	13.58-13.78	0.42025
3	14.466	14.37-14.57	0.74160
4	15.043	14.94-15.14	0.53888
5	15.697	15.60-15.80	0.29671

Aroclor-1268			
Peak	RT	RT WIN	Cal Factor
1	14.983	14.88-15.08	0.46647
2	15.044	14.94-15.14	0.64397
3	15.416	15.32-15.52	0.41642
4	16.111	16.01-16.21	1

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 08-JUN-2009 11:44
End Cal Date : 08-JUN-2009 15:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd4.i/20090608.b/PCB1.m
Cal Date : 09-Jun-2009 09:17 paul
Curve Type : Average

Calibration File Names:
Level 1: /chem2/ecd4.i/20090608.b/ical-1.b/0608A008.d
Level 2: /chem2/ecd4.i/20090608.b/ical-1.b/0608A012.d
Level 3: /chem2/ecd4.i/20090608.b/ical-1.b/0608A010.d
Level 4: /chem2/ecd4.i/20090608.b/ical-1.b/0608A007.d
Level 5: /chem2/ecd4.i/20090608.b/ical-1.b/0608A011.d
Level 6: /chem2/ecd4.i/20090608.b/ical-1.b/0608A009.d
Level 7: /chem2/ecd4.i/20090608.b/ical-1.b/0608A018.d/0608A018.cdf

Compound	20.000 Level 1 / 250.000 Level 7	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	___ RRF	% RSD
2 Aroclor-1221(1)	+++++ / 0.07762	+++++	+++++	+++++	+++++	+++++	0.07762	0.000
(2)	+++++ / 0.04988	+++++	+++++	+++++	+++++	+++++	0.04988	0.000
(3)	+++++ / 0.14238	+++++	+++++	+++++	+++++	+++++	0.14238	0.000
3 Aroclor-1242(1)	+++++ / 0.04850	+++++	+++++	+++++	+++++	+++++	0.04850	0.000
(2)	+++++ / 0.14357	+++++	+++++	+++++	+++++	+++++	0.14357	0.000
(3)	+++++ / 0.06542	+++++	+++++	+++++	+++++	+++++	0.06542	0.000

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 08-JUN-2009 11:44
End Cal Date : 08-JUN-2009 15:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd4.i/20090608.b/PCB1.m
Cal Date : 09-Jun-2009 09:17 paul
Curve Type : Average

Compound	20.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	250.000 Level 7	___ RRF	% RSD
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.06411	0.06411	0.000
4 Aroclor-1232(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.06278	0.06278	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.03599	0.03599	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.10961	0.10961	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.04948	0.04948	0.000
7 Aroclor-1016(1)	0.05235	0.06243	0.05600	0.04870	0.04044	+++++	+++++	0.05198	15.792
(2)	0.08214	0.07718	0.07695	0.06551	0.05391	+++++	+++++	0.07114	16.023
(3)	0.04954	0.05223	0.05438	0.04777	0.04021	+++++	+++++	0.04883	11.137
(4)	0.03787	0.04083	0.04478	0.03785	0.03137	+++++	+++++	0.03854	12.747

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 08-JUN-2009 11:44
End Cal Date : 08-JUN-2009 15:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd4.i/20090608.b/PCB1.m
Cal Date : 09-Jun-2009 09:17 paul
Curve Type : Average

Compound	20.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	250.000 Level 7	___ RRF	% RSD
6 Aroclor-1248(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.09452	0.09452	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.05556	0.05556	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.08424	0.08424	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.10917	0.10917	0.000
(5)	+++++	+++++	+++++	+++++	+++++	+++++	0.07947	0.07947	0.000
8 Aroclor-1254(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.09615	0.09615	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.11712	0.11712	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.07453	0.07453	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.13932	0.13932	0.000

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 08-JUN-2009 11:44
End Cal Date : 08-JUN-2009 15:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd4.i/20090608.b/PCB1.m
Cal Date : 09-Jun-2009 09:17 paul
Curve Type : Average

Compound	20.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	250.000 Level 7	RRF	% RSD
(5)	+++++	+++++	+++++	+++++	+++++	+++++	0.13120	0.13120	0.000
9 Aroclor-1260(1)	0.35922	0.38376	0.31529	0.33478	0.25364	+++++	+++++	0.32934	15.038
(2)	0.35916	0.34763	0.28872	0.31038	0.23586	+++++	+++++	0.30835	16.027
(3)	0.78909	0.77763	0.64661	0.65301	0.49961	+++++	+++++	0.67319	17.512
(4)	0.40171	0.34688	0.32309	0.32669	0.24907	+++++	+++++	0.32949	16.648
(5)	0.21471	0.18257	0.17057	0.17711	0.13321	+++++	+++++	0.17564	16.606
10 Aroclor-1262(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.54905	0.54905	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	1.09441	1.09441	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.37558	0.37558	0.000

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 08-JUN-2009 11:44
End Cal Date : 08-JUN-2009 15:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd4.i/20090608.b/PCB1.m
Cal Date : 09-Jun-2009 09:17 paul
Curve Type : Average

Compound	20.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	250.000 Level 7	___ RRF	% RSD
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.47267	0.47267	0.000
(5)	+++++	+++++	+++++	+++++	+++++	+++++	0.31364	0.31364	0.000
11 Aroclor-1268(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.65244	0.65244	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.71884	0.71884	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.46365	0.46365	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.90086	0.90086	0.000
42 DDE	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
43 DDD	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
44 DDT	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 08-JUN-2009 11:44
End Cal Date : 08-JUN-2009 15:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd4.i/20090608.b/PCB1.m
Cal Date : 09-Jun-2009 09:17 paul
Curve Type : Average

Compound	20.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	250.000 Level 7	___ RRF	% RSD
$ 1 Tetrachloro-m-xylene	2.17522	2.01897	1.90584	1.61176	1.33928	+++++	+++++	1.81021	18.469
$ 13 Decachlorobiphenyl	4.32409	3.91749	3.63990	3.21554	2.51903	+++++	+++++	3.52321	19.631

Analytical Resources, Inc.

8 PCB1867 INITIAL CALIBRATION DATA 11144

Start Cal Date : 08-JUN-2009 ~~16:17~~
End Cal Date : 08-JUN-2009 15:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd4.i/20090608.b/PCB2.m
Cal Date : 09-Jun-2009 09:16 paul
Curve Type : Average

Calibration File Names:
Level 1: /chem2/ecd4.i/20090608.b/ical-2.b/0608A008.d
Level 2: /chem2/ecd4.i/20090608.b/ical-2.b/0608A012.d
Level 3: /chem2/ecd4.i/20090608.b/ical-2.b/0608A010.d
Level 4: /chem2/ecd4.i/20090608.b/ical-2.b/0608A007.d
Level 5: /chem2/ecd4.i/20090608.b/ical-2.b/0608A011.d
Level 6: /chem2/ecd4.i/20090608.b/ical-2.b/0608A009.d
Level 7: /chem2/ecd4.i/20090608.b/ical-2.b/0608A018.d/0608A018.cdf

Compound	20.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	250.000 Level 7	___ RRF	% RSD
1 Aroclor-1221(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.09757	0.09757	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.05787	0.05787	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.19653	0.19653	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.07105	0.07105	0.000
4 Aroclor-1232(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.02522	0.02522	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.06821	0.06821	0.000

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 05-JUN-2009 16:17
End Cal Date : 08-JUN-2009 15:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd4.i/20090608.b/PCB2.m
Cal Date : 09-Jun-2009 09:16 paul
Curve Type : Average

Compound	20.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	250.000 Level 7	RRF	% RSD
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.06351	0.06351	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.10027	0.10027	0.000
3 Aroclor-1242(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.04110	0.04110	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.07970	0.07970	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.13807	0.13807	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.04061	0.04061	0.000
(5)	+++++	+++++	+++++	+++++	+++++	+++++	0.04518	0.04518	0.000
6 Aroclor-1248(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.08580	0.08580	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.06229	0.06229	0.000

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 05-JUN-2009 16:17
End Cal Date : 08-JUN-2009 15:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd4.i/20090608.b/PCB2.m
Cal Date : 09-Jun-2009 09:16 paul
Curve Type : Average

Compound	20.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	250.000 Level 7	RRF	% RSD
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.06900	0.06900	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.07016	0.07016	0.000
7 Aroclor-1016(1)	0.10658	0.09511	0.09495	0.09022	0.06920	+++++	+++++	0.09121	15.023
(2)	0.17188	0.15511	0.15209	0.14288	0.11230	+++++	+++++	0.14685	14.962
(3)	0.07381	0.06535	0.07099	0.07237	0.05416	+++++	+++++	0.06734	11.932
(4)	0.07140	0.06489	0.05399	0.05085	0.05386	+++++	+++++	0.05900	14.835
8 Aroclor-1254(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.06060	0.06060	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.08048	0.08048	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.11612	0.11612	0.000

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 05-JUN-2009 16:17
End Cal Date : 08-JUN-2009 15:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd4.i/20090608.b/PCB2.m
Cal Date : 09-Jun-2009 09:16 paul
Curve Type : Average

Compound	20.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD
	250.000 Level 7							
(4)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.11986						0.11986	0.000
(5)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.07494						0.07494	0.000
10 Aroclor-1262(1)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.35837						0.35837	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.42025						0.42025	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.74160						0.74160	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.53888						0.53888	0.000
(5)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.29671						0.29671	0.000
9 Aroclor-1260(1)	0.37201	0.32705	0.29478	0.30247	0.24915	+++++		
	+++++						0.30909	14.579
(2)	0.16723	0.17261	0.16890	0.16718	0.14060	+++++		
	+++++						0.16330	7.888

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 05-JUN-2009 16:17
End Cal Date : 08-JUN-2009 15:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd4.i/20090608.b/PCB2.m
Cal Date : 09-Jun-2009 09:16 paul
Curve Type : Average

Compound	20.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	250.000 Level 7	RRF	% RSD
(3)	0.20827	0.18083	0.16910	0.17159	0.14319	+++++	+++++	0.17460	13.427
(4)	0.42097	0.40010	0.37080	0.38074	0.32656	+++++	+++++	0.37984	9.330
(5)	0.25386	0.24471	0.23198	0.24682	0.21471	+++++	+++++	0.23842	6.471
11 Aroclor-1268(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.46647	0.46647	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.64397	0.64397	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.41642	0.41642	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	1.13102	1.13102	0.000
41 DDE	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
42 DDD	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 05-JUN-2009 16:17
End Cal Date : 08-JUN-2009 15:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd4.i/20090608.b/PCB2.m
Cal Date : 09-Jun-2009 09:16 paul
Curve Type : Average

Compound	20.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	250.000 Level 7	___ RRF	% RSD
43 DDT	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$ 2 Tetrachloro-m-xylene	1.67581	1.45411	1.49405	1.57599	1.26401	+++++	+++++	1.49279	10.283
$ 13 Decachlorobiphenyl	3.58444	3.42959	3.63066	4.15642	3.26874	+++++	+++++	3.61397	9.266

PC 6/9/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/ical-1.b/0608A006.d
Data file 2: 20090608.b/ical-2.b/0608A006.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: IB
Client ID:
Injection Date: 08-JUN-2009 11:21
Report Date: 06/09/2009 11:48
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.416	-0.001	7253155	6.617	0.000	2529802	31.4	38.4	20.0	Tetrachloro-m-xylene
15.985	0.000	3211820	16.457	0.001	2044194	30.5	40.3	27.8	Decachlorobiphenyl

: Indicates RPD > 40%
1 Indicates Column 1 peak was manually integrated
I Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	78.5	95.9
Decachlorobiphenyl	76.1	100.8

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	10213333	-21.5
Hexabromobiphenyl	3208426	2394300	-25.4

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	3534306	-25.6
Hexabromobiphenyl	1484240	1122599	-24.4

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

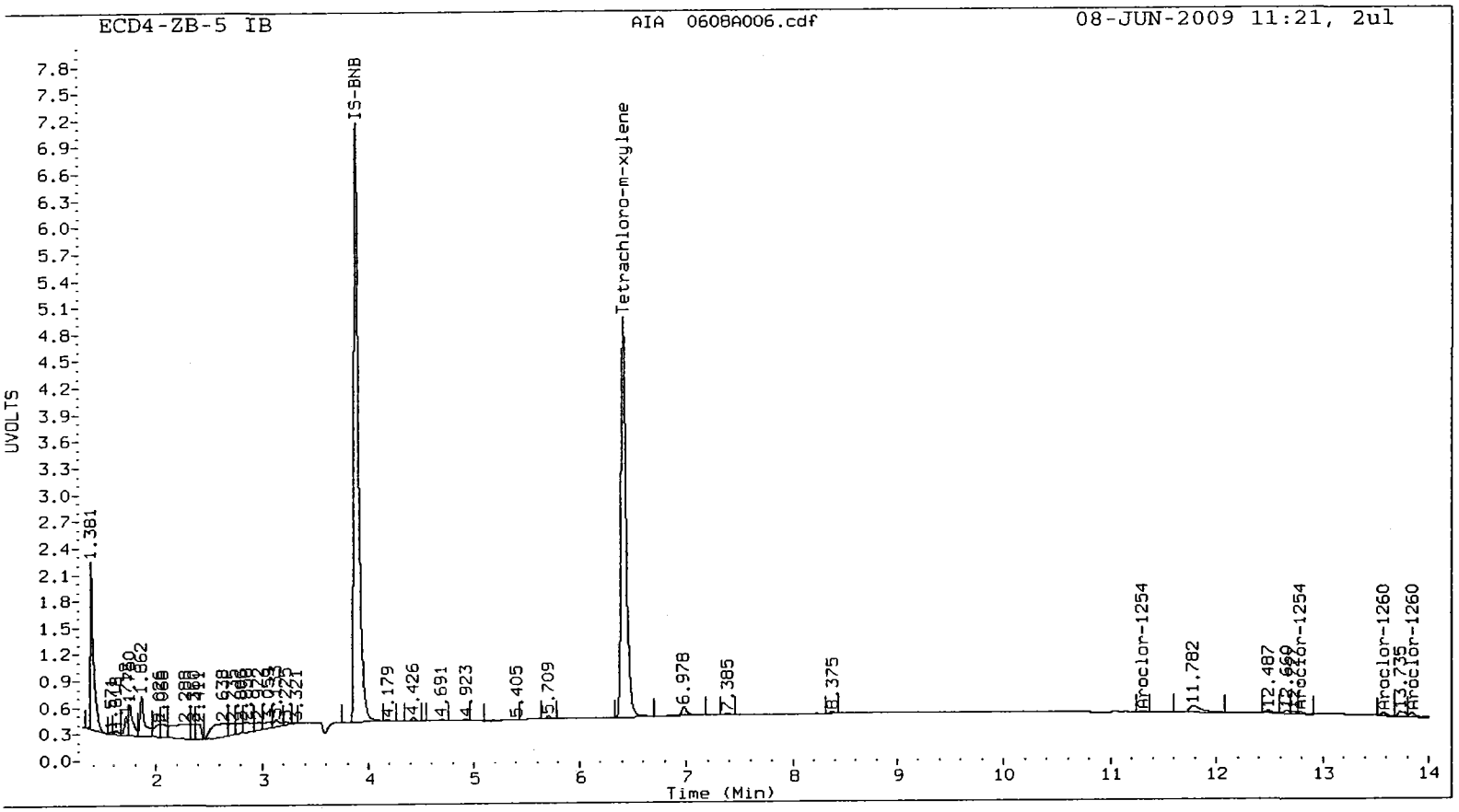
Aroclor	Peak#	RT	ZB5 Col Shift	Area	Amount	Peak#	RT	ZB35 Col Shift	Area	Amount
Aroclor-1016	1	---			0.0	1	---			0.0
Aroclor-1016	2	---			0.0	2	---			0.0
Aroclor-1016	3	---			0.0	3	---			0.0
Aroclor-1016	4	---			0.0	4	---			0.0
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.0	1	7.367	-0.005	75819	17.6
Aroclor-1221	2	---			0.0	2	---			0.0
Aroclor-1221	3	---			0.0	3	---			0.0
Aroclor-1221	NS	---			----	4	8.677	0.096	155686	49.6
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.0	1	---			0.0
Aroclor-1232	2	---			0.0	2	---			0.0
Aroclor-1232	3	---			0.0	3	---			0.0
Aroclor-1232	4	---			0.0	4	---			0.0
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.0	1	---			0.0
Aroclor-1242	2	---			0.0	2	---			0.0
Aroclor-1242	3	---			0.0	3	---			0.0
Aroclor-1242	4	---			0.0	4	---			0.0
Aroclor-1242	NS	---			----	5	---			0.0
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.0	1	---			0.0
Aroclor-1248	2	---			0.0	2	---			0.0
Aroclor-1248	3	---			0.0	3	---			0.0
Aroclor-1248	4	---			0.0	4	---			0.0
Aroclor-1248	5	---			0.0	NS	---			----
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	---			0.0	1	---			0.0
Aroclor-1254	2	---			0.0	2	---			0.0
Aroclor-1254	3	11.301	0.038	27076	2.8	3	---			0.0
Aroclor-1254	4	---			0.0	4	---			0.0
Aroclor-1254	5	12.790	0.005	60640	3.6	5	---			0.0
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	---			0.0	1	---			0.0
Aroclor-1260	2	13.576	0.093	85651	9.3	2	---			0.0
Aroclor-1260	3	13.846	-0.068	91160	4.5	3	---			0.0
Aroclor-1260	4	---			0.0	4	---			0.0
Aroclor-1260	5	14.593	0.053	17917	3.4	5	---			0.0
	Total Col1Ave (3 peaks):				5.7	Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	13.576	0.092	85651	5.2	1	---			0.0
Aroclor-1262	2	13.846	-0.069	91160	2.8	2	---			0.0
Aroclor-1262	3	---			0.0	3	14.546	0.080	12756	1.2
Aroclor-1262	4	14.593	0.052	17917	1.3	4	---			0.0
Aroclor-1262	5	15.208	0.024	68346	7.3	5	15.767	0.069	93477	22.5
	Total Col1Ave (4 peaks):				4.1	Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	---			0.0	1	---			0.0
Aroclor-1268	2	14.593	0.055	17917	0.8	2	---			0.0
Aroclor-1268	3	14.919	-0.002	60864	4.4	3	15.417	0.001	11438	2.0
Aroclor-1268	4	15.632	-0.004	513950	19.1	4	16.116	0.004	38403	2.4
	Total Col1Ave (3 peaks):				8.1	Col2Ave: <3 Quant Peaks				

Total PCB Area Col1 (6.517 - 15.885) = 3034822 Col1 Total PCB = 0.0 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 688130 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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4.426
4.691
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5.405
5.709
6.978
7.385
8.375
Aroclor-1254
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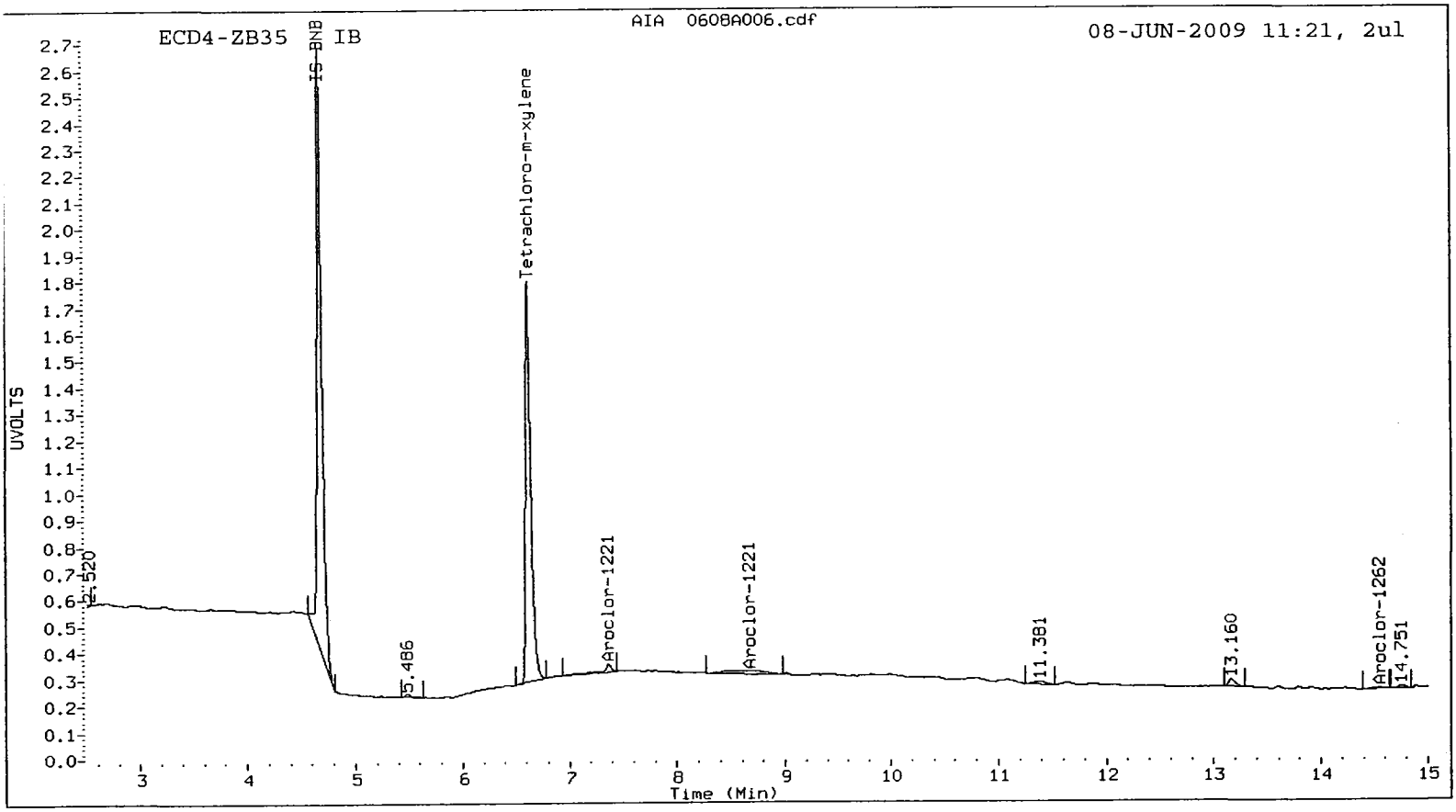
Aroclor-1260
13.735
Aroclor-1260
Time (Min)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IS-BNB
Tetrachloro-m-xylene
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Aroclor-1221
Aroclor-1221
11.381
13.160
Aroclor-1262
14.751
Time (Min)

PC 6/9/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/ical-1.b/0608A007.d
Data file 2: 20090608.b/ical-2.b/0608A007.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660 250
Client ID:
Injection Date: 08-JUN-2009 11:44
Report Date: 06/09/2009 11:48
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.417	0.000	5176153	6.617	0.000	1752309	17.8	21.1	17.0	Tetrachloro-m-xylene M
15.984	-0.001	2296927	16.456	0.001	1531380	18.3	23.0	23.0	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	44.5	52.8
Decachlorobiphenyl	45.6	57.5

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	12845942	-1.3
Hexabromobiphenyl	3208426	2857287	-10.9

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4447523	-6.4
Hexabromobiphenyl	1484240	1473748	-0.7

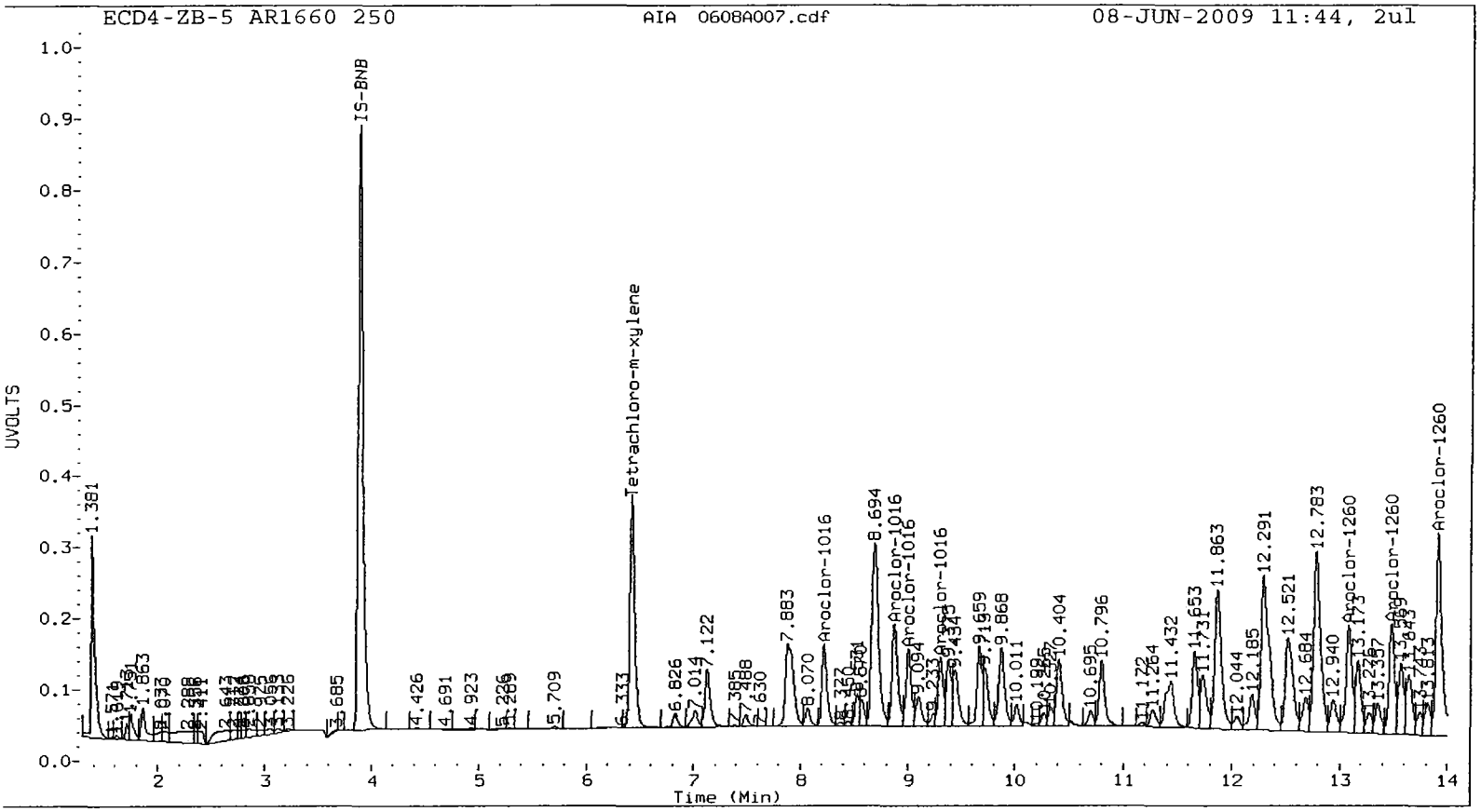
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	ZB5 Col Peak#	RT	Shift	Area	Amount	ZB35 Col Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	8.219	-0.002	1954951	234.2	1	8.572	-0.001	1253936	247.3
Aroclor-1016	2	8.871	-0.002	2629933	230.2	2	9.315	-0.002	1985860	243.2
Aroclor-1016	3	9.002	-0.002	1917795	244.6	3	9.572	-0.001	1005904	268.7
Aroclor-1016	4	9.300	-0.001	1519603	245.5	4	10.425	-0.001	706784	215.5
Total Col1Ave (4 peaks):					238.6	Total Col2Ave (4 peaks):				243.7 RPD = 2
Corrected Ave (4 peaks):					238.6	Corrected Ave (4 peaks):				243.7 RPD = 2
Aroclor-1260	1	13.086	-0.001	2989270	254.1	1	12.874	-0.001	1393035	244.6
Aroclor-1260	2	13.482	-0.001	2771418	251.6	2	13.683	0.000	769935	255.9
Aroclor-1260	3	13.913	-0.002	5830707	242.5	3	14.192	0.000	790236	245.7
Aroclor-1260	4	14.346	-0.001	2917027	247.9	4	14.467	0.000	1753503	250.6
Aroclor-1260	5	14.539	-0.001	1581443	252.1	5	15.043	0.001	1136712	258.8
Total Col1Ave (5 peaks):					249.7	Total Col2Ave (5 peaks):				251.1 RPD = 1
Corrected Ave (5 peaks):					249.7	Corrected Ave (5 peaks):				251.1 RPD = 1

Total PCB Area Col1 (6.517 - 15.885) = 93686557 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 27632561 Col2 Total PCB = 0.4 ppm*

* Quantitated against AR1660 0.25ppm in Ical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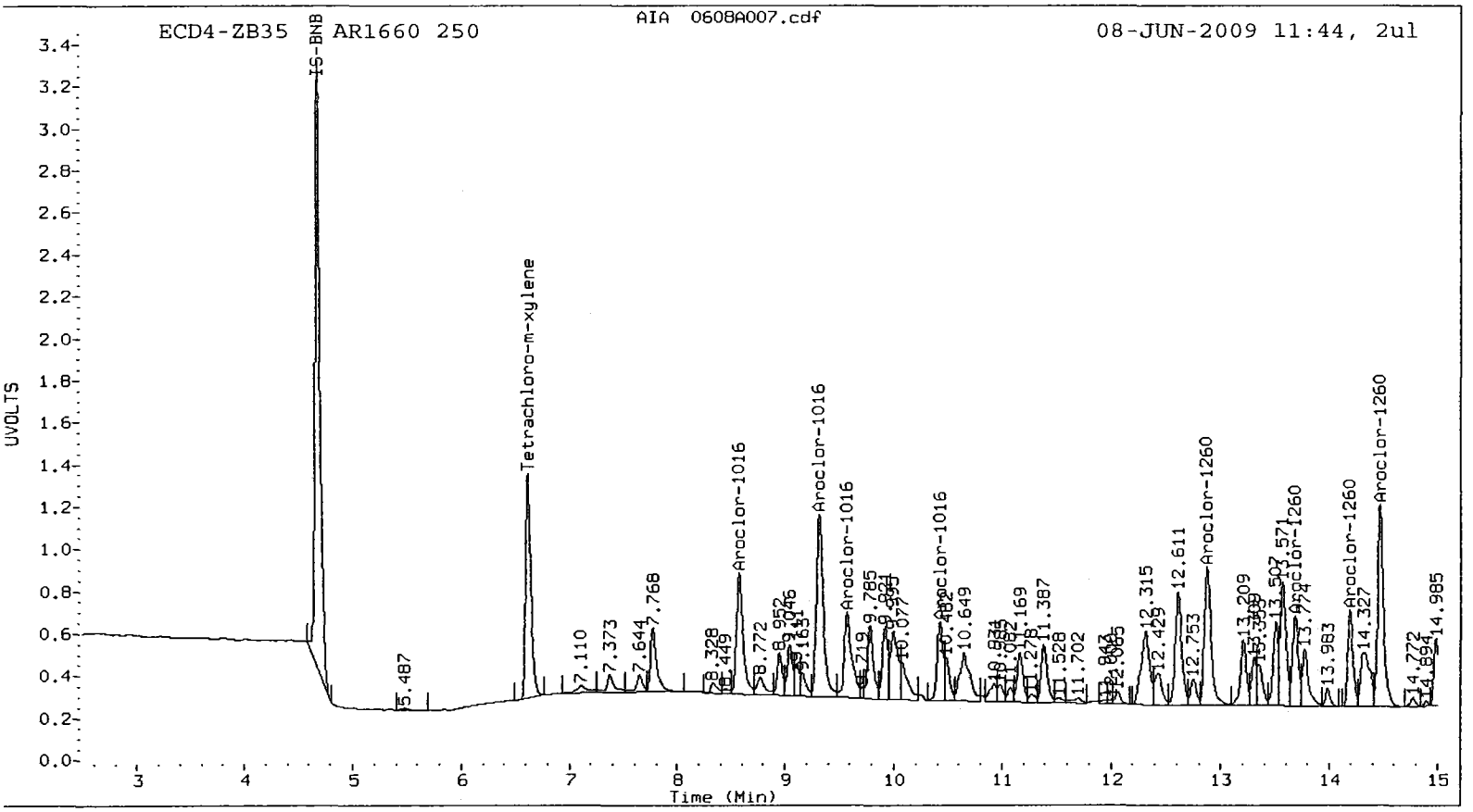
08-JUN-2009 11:44, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260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08-JUN-2009 11:44, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260

RC 6/9/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/ical-1.b/0608A008.d
Data file 2: 20090608.b/ical-2.b/0608A008.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660 20
Client ID:
Injection Date: 08-JUN-2009 12:06
Report Date: 06/09/2009 11:48
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.413	-0.003	520336	6.617	0.000	130189	1.9	1.8	6.8	Tetrachloro-m-xylene M
15.983	-0.002	248596	16.457	0.002	99111	2.0	1.6	21.2	Decachlorobiphenyl M

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	4.8	4.5
Decachlorobiphenyl	4.9	4.0

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	11960554	-8.1
Hexabromobiphenyl	3208426	2874549	-10.4

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	3884356	-18.3
Hexabromobiphenyl	1484240	1382518	-6.9

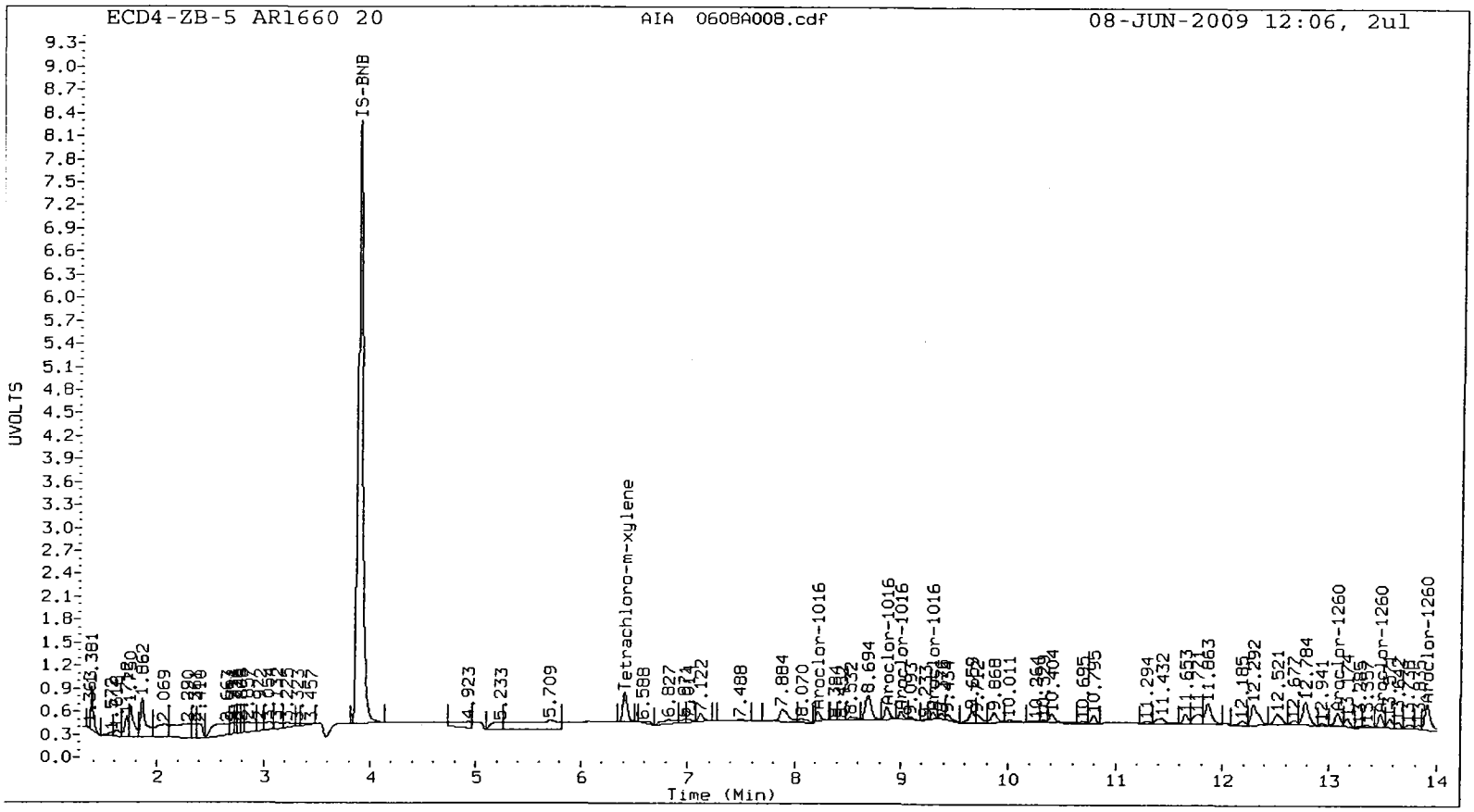
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	8.220	-0.001	156548	20.1	1	8.573	0.001	103501	23.4
Aroclor-1016	2	8.872	-0.001	245607	23.1	2	9.317	-0.001	166906	23.4
Aroclor-1016	3	9.002	-0.001	148134	20.3	3	9.573	0.000	71676	21.9
Aroclor-1016	4	9.300	-0.001	113243	19.7	4	10.427	0.001	69340	24.2
Total Col1Ave (4 peaks):					20.8	Total Col2Ave (4 peaks):				23.2 RPD = 11
Corrected Ave (4 peaks):					20.8	Corrected Ave (4 peaks):				23.2 RPD = 11
Aroclor-1260	1	13.087	-0.001	258146	21.8	1	12.876	0.000	128579	24.1
Aroclor-1260	2	13.483	-0.001	258108	23.3	2	13.684	0.000	57798	20.5
Aroclor-1260	3	13.913	-0.001	567073	23.4	3	14.193	0.001	71985	23.9
Aroclor-1260	4	14.347	-0.001	288683	24.4	4	14.467	0.000	145500	22.2
Aroclor-1260	5	14.539	-0.001	154298	24.4	5	15.043	0.000	87742	21.3
Total Col1Ave (5 peaks):					23.5	Total Col2Ave (5 peaks):				22.4 RPD = 5
Corrected Ave (5 peaks):					23.5	Corrected Ave (5 peaks):				22.4 RPD = 5

Total PCB Area Col1 (6.517 - 15.885) = 12083204 Col1 Total PCB = 0.0 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 2598901 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.25ppm in Ical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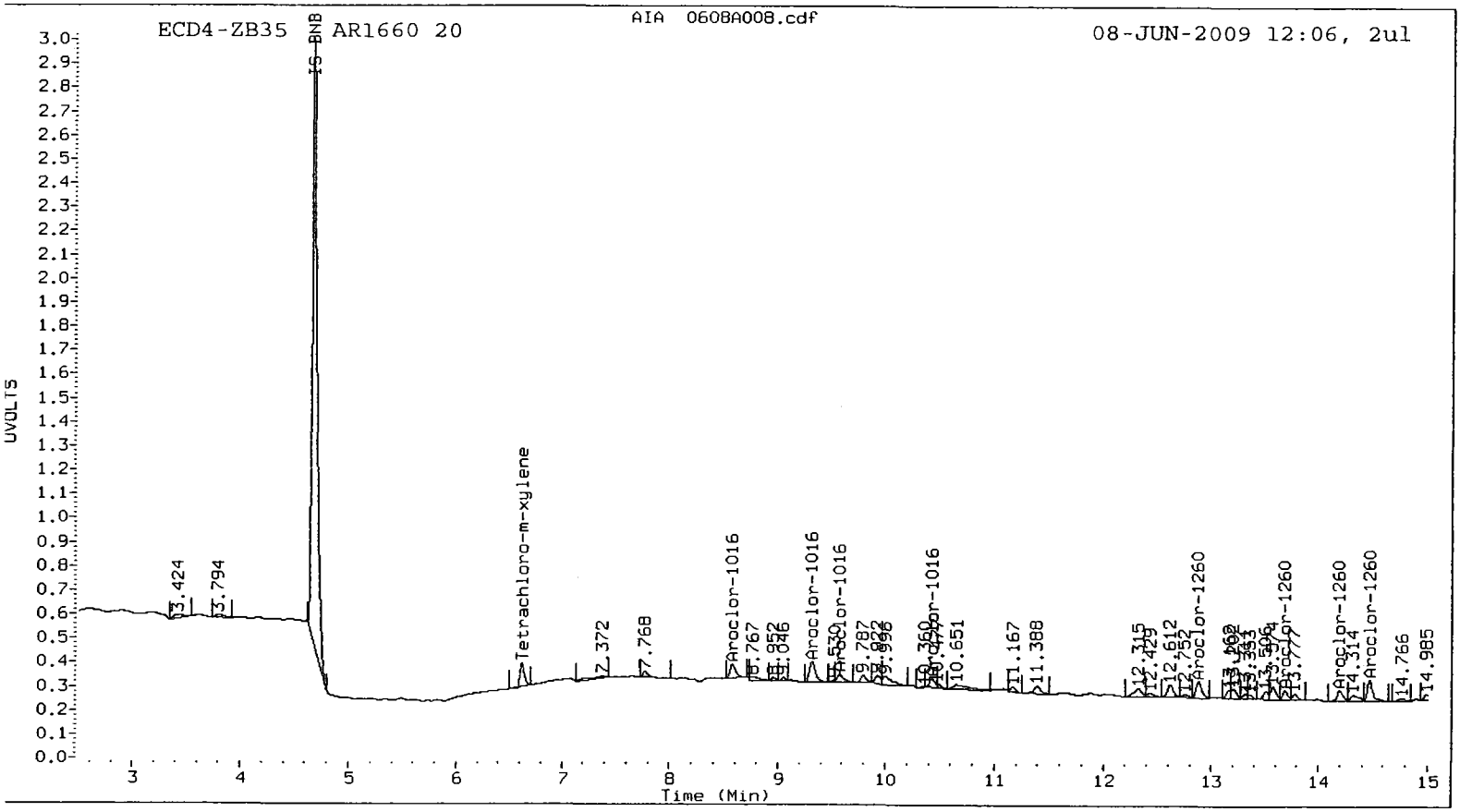
08-JUN-2009 12:06, 2ul
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
UVOLTS
Time (Min)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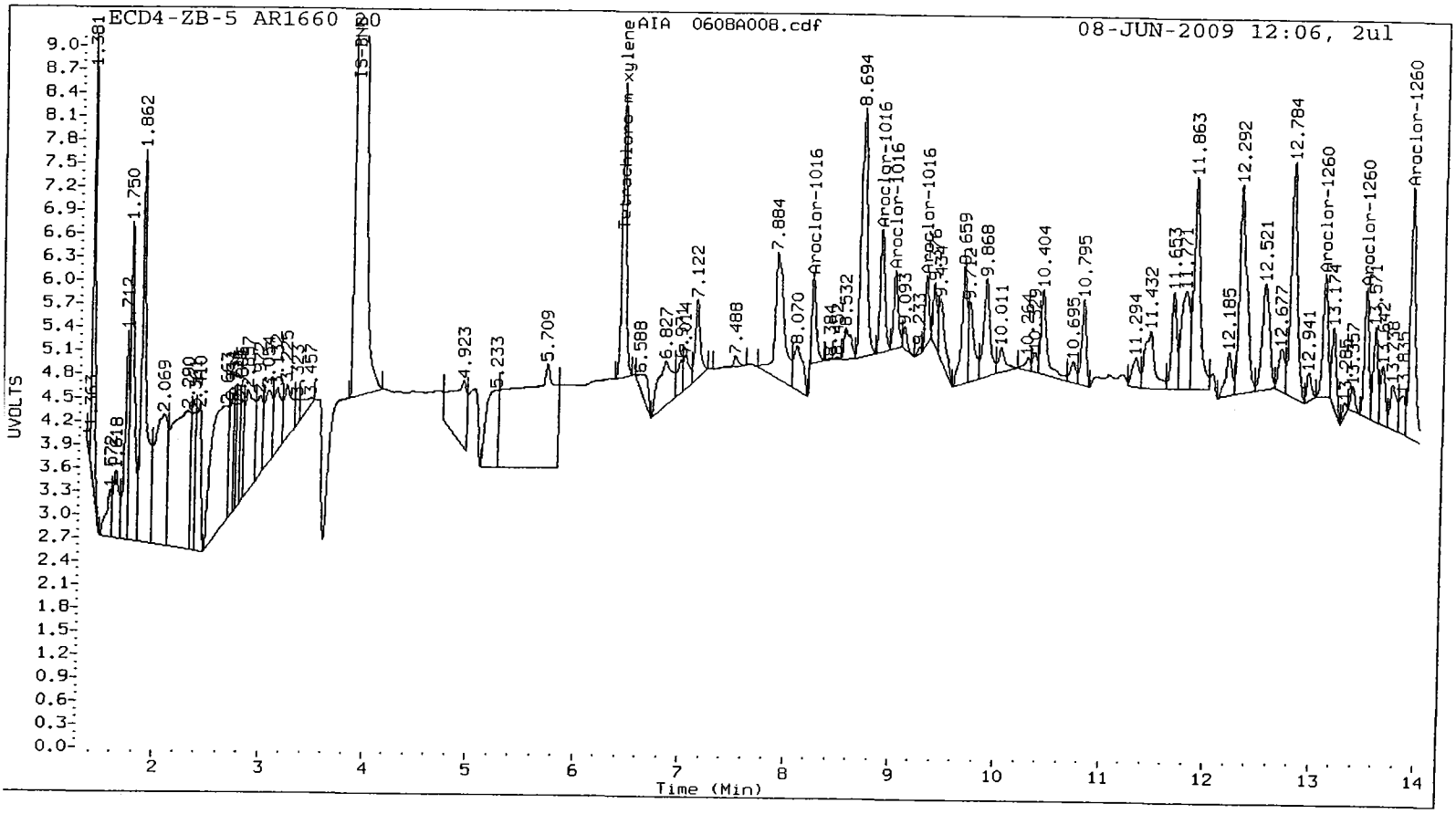
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
UVOLTS
Time (Min)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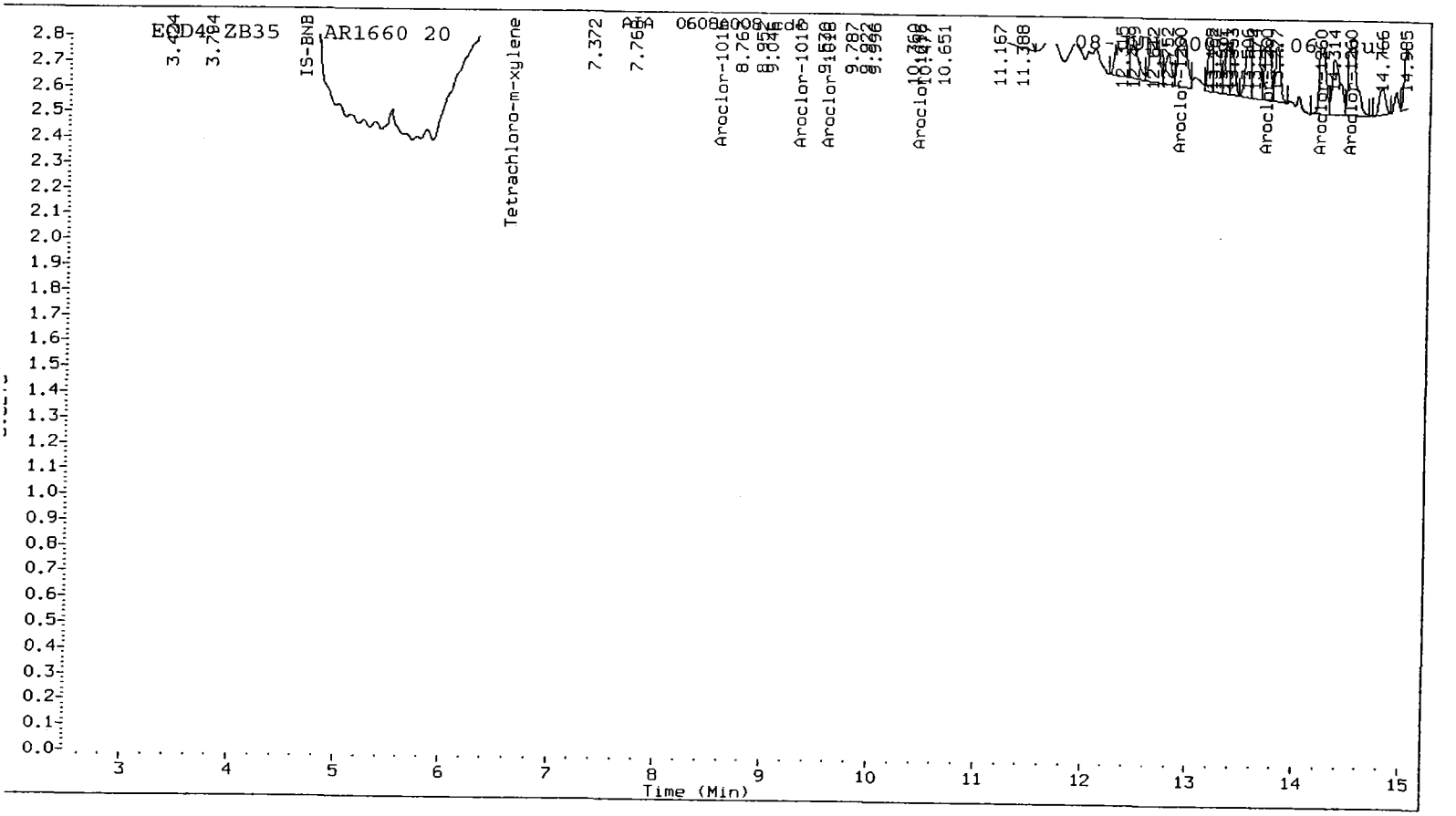
AIA 0608A008.cdf
08-JUN-2009 12:06, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260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IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Time (Min)

VC
6/9/09
4ct 4881

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/ical-1.b/0608A009.d
Data file 2: 20090608.b/ical-2.b/0608A009.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660 1000
Client ID:
Injection Date: 08-JUN-2009 12:28
Report Date: 06/09/2009 11:48
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.417	0.000	13607537	6.616	-0.001	5210174	50.5	64.0	23.6	Tetrachloro-m-xylene M
15.985	0.000	6442745	16.456	0.000	4092727	48.8	64.9	28.3	Decachlorobiphenyl

* Indicates RPD > 40%
1 Indicates Column 1 peak was manually integrated
2 Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	126.4	160.1
Decachlorobiphenyl	122.1	162.3

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	11898832	-8.6
Hexabromobiphenyl	3208426	2995401	-6.6

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4359488	-8.3
Hexabromobiphenyl	1484240	1395776	-6.0

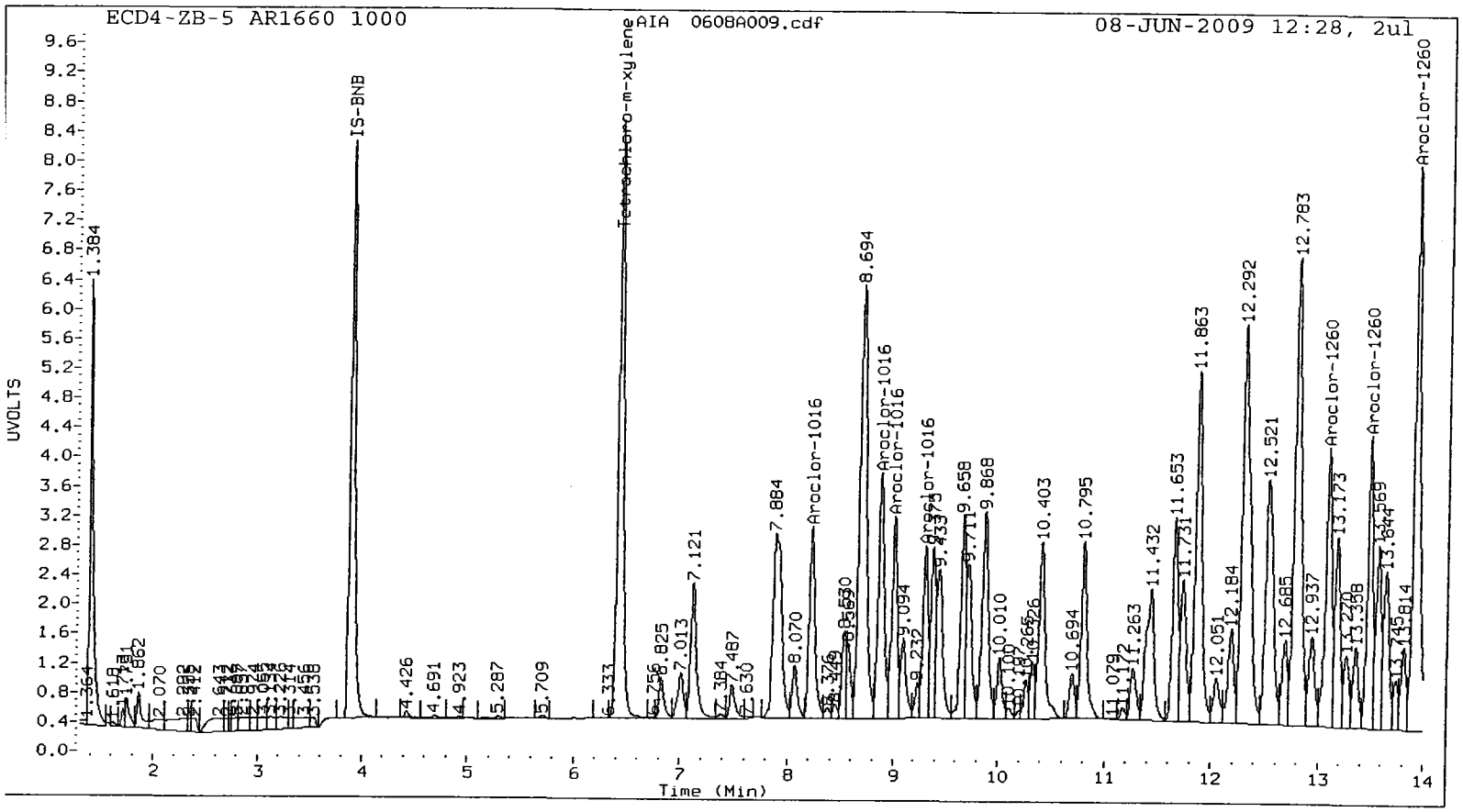
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	ZB5 Col Peak#	RT	Shift	Area	Amount	ZB35 Col Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	8.219	-0.002	4910331	635.1	1	8.571	-0.002	3174243	638.6
Aroclor-1016	2	8.870	-0.002	6451352	609.7	2	9.315	-0.002	5759313	719.7
Aroclor-1016	3	9.002	-0.002	5027498	692.2	3	9.571	-0.002	2612011	711.8
Aroclor-1016	4	9.299	-0.001	3845606	670.8	4	10.424	-0.001	1876347	583.6
Total Col1Ave (4 peaks):				652.0		Total Col2Ave (4 peaks):			663.4	RPD = 2
Corrected Ave (4 peaks):				652.0		Corrected Ave (4 peaks):			663.4	RPD = 2
Aroclor-1260	1	13.086	-0.001	7447997	604.0	1	12.873	-0.002	3863334	716.4
Aroclor-1260	2	13.482	-0.001	7006619	606.9	2	13.682	-0.001	2227166	781.7
Aroclor-1260	3	13.913	-0.001	15175995	602.1	3	14.192	0.000	2326071	763.6
Aroclor-1260	4	14.347	-0.001	7671440	621.8	4	14.466	-0.001	5396757	814.4
Aroclor-1260	5	14.539	-0.001	4105194	624.2	5	15.043	0.001	3591097	863.3
Total Col1Ave (5 peaks):				611.8		Total Col2Ave (5 peaks):			787.9	RPD = 25
Corrected Ave (5 peaks):				611.8		Corrected Ave (5 peaks):			787.9	RPD = 25

Total PCB Area Col1 (6.517 - 15.885) = 237171226 Col1 Total PCB = 0.9 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 76905908 Col2 Total PCB = 1.0 ppm*

* Quantitated against AR1660 0.25ppm in Ical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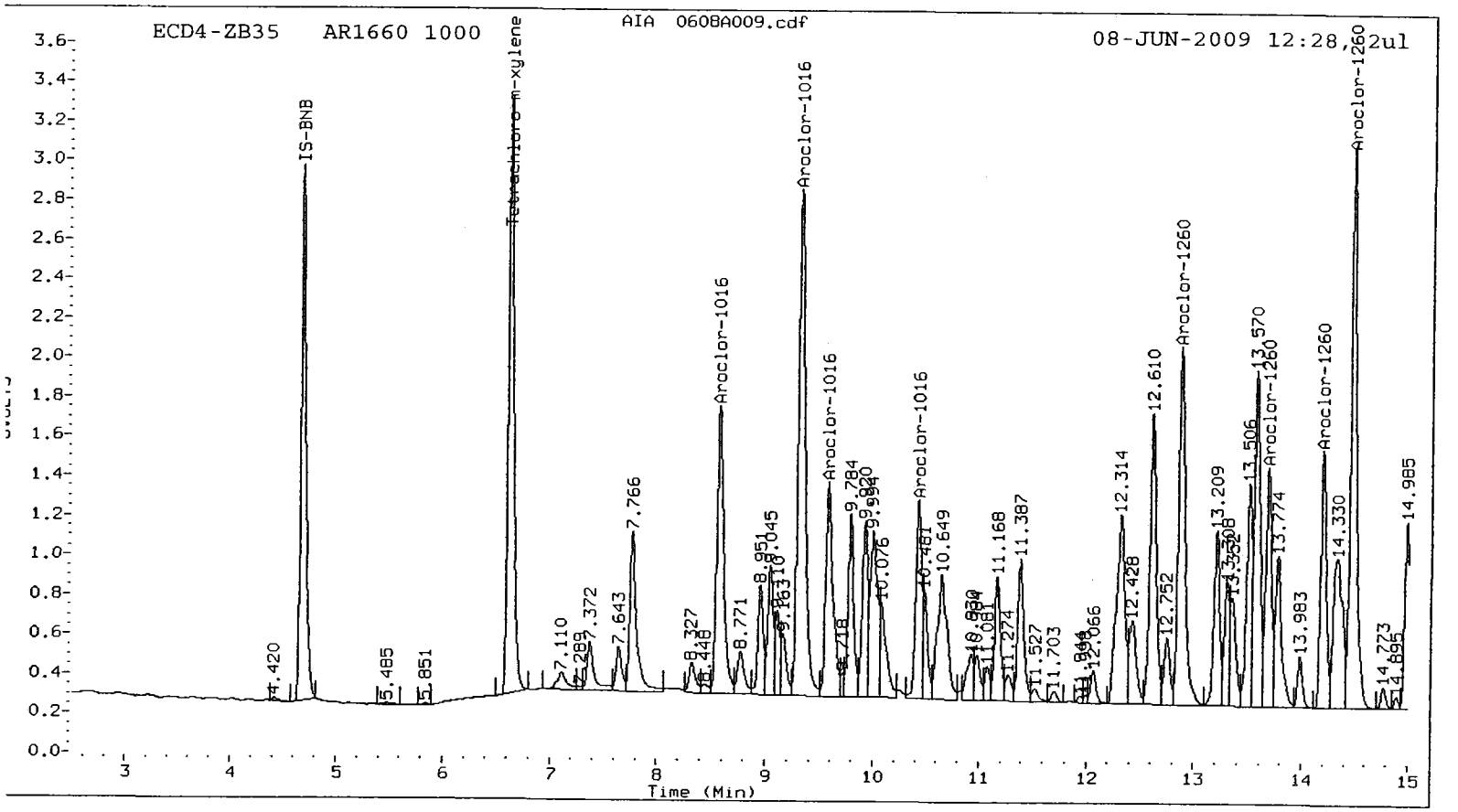
08-JUN-2009 12:28, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260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IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260

VC
6/19/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/ical-1.b/0608A010.d
Data file 2: 20090608.b/ical-2.b/0608A010.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660 100
Client ID:
Injection Date: 08-JUN-2009 12:50
Report Date: 06/09/2009 11:48
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
6.417	0.000	2480275	6.617	0.000	710011	8.4	8.0	5.1	Tetrachloro-m-xylene M
15.985	0.000	1167835	16.456	0.000	538877	8.3	8.0	2.8	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	21.1	20.0
Decachlorobiphenyl	20.7	20.1

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	13014060	0.0
Hexabromobiphenyl	3208426	3208426	0.0

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4752259	0.0
Hexabromobiphenyl	1484240	1484240	0.0

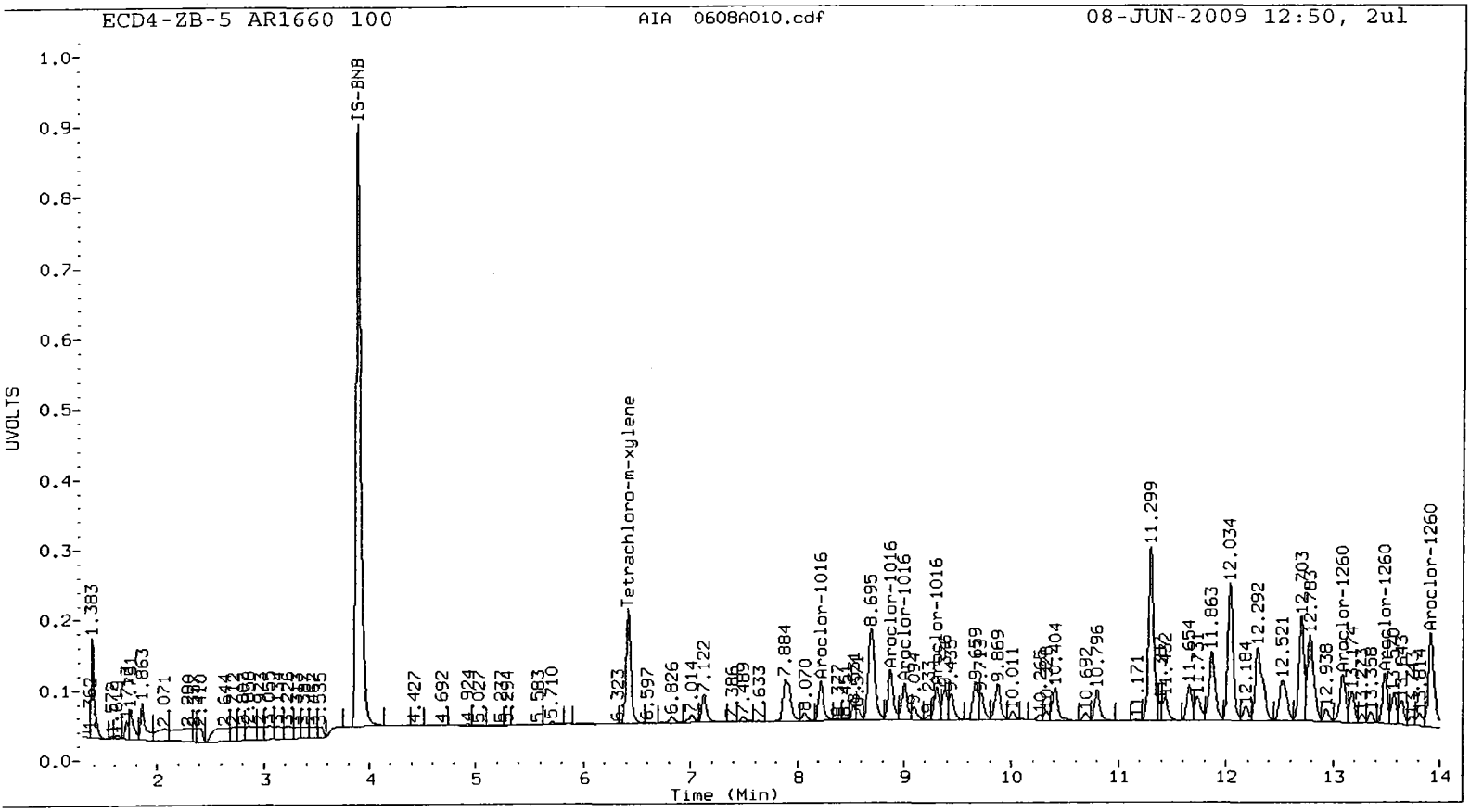
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	8.219	-0.002	910970	107.7	1	8.572	-0.001	564018	104.1
Aroclor-1016	2	8.871	-0.001	1251793	108.2	2	9.317	-0.001	903479	103.6
Aroclor-1016	3	9.002	-0.001	884712	111.4	3	9.571	-0.001	421709	105.4
Aroclor-1016	4	9.300	-0.001	728523	116.2	4	10.423	-0.002	320710	91.5
Total Col1Ave (4 peaks):					110.9	Total Col2Ave (4 peaks):			101.1	RPD = 9
Corrected Ave (4 peaks):					110.9	Corrected Ave (4 peaks):			101.1	RPD = 9
Aroclor-1260	1	13.087	-0.001	1264480	95.7	1	12.875	0.000	546909	95.4
Aroclor-1260	2	13.482	-0.001	1157930	93.6	2	13.683	-0.001	313357	103.4
Aroclor-1260	3	13.913	-0.002	2593240	96.1	3	14.192	0.000	313730	96.9
Aroclor-1260	4	14.346	-0.001	1295763	98.1	4	14.467	-0.001	687942	97.6
Aroclor-1260	5	14.539	-0.001	684094	97.1	5	15.043	0.001	430399	97.3
Total Col1Ave (5 peaks):					96.1	Total Col2Ave (5 peaks):			98.1	RPD = 2
Corrected Ave (5 peaks):					96.1	Corrected Ave (5 peaks):			98.1	RPD = 2

Total PCB Area Col1 (6.517 - 15.885) = 52525847 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 13844512 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical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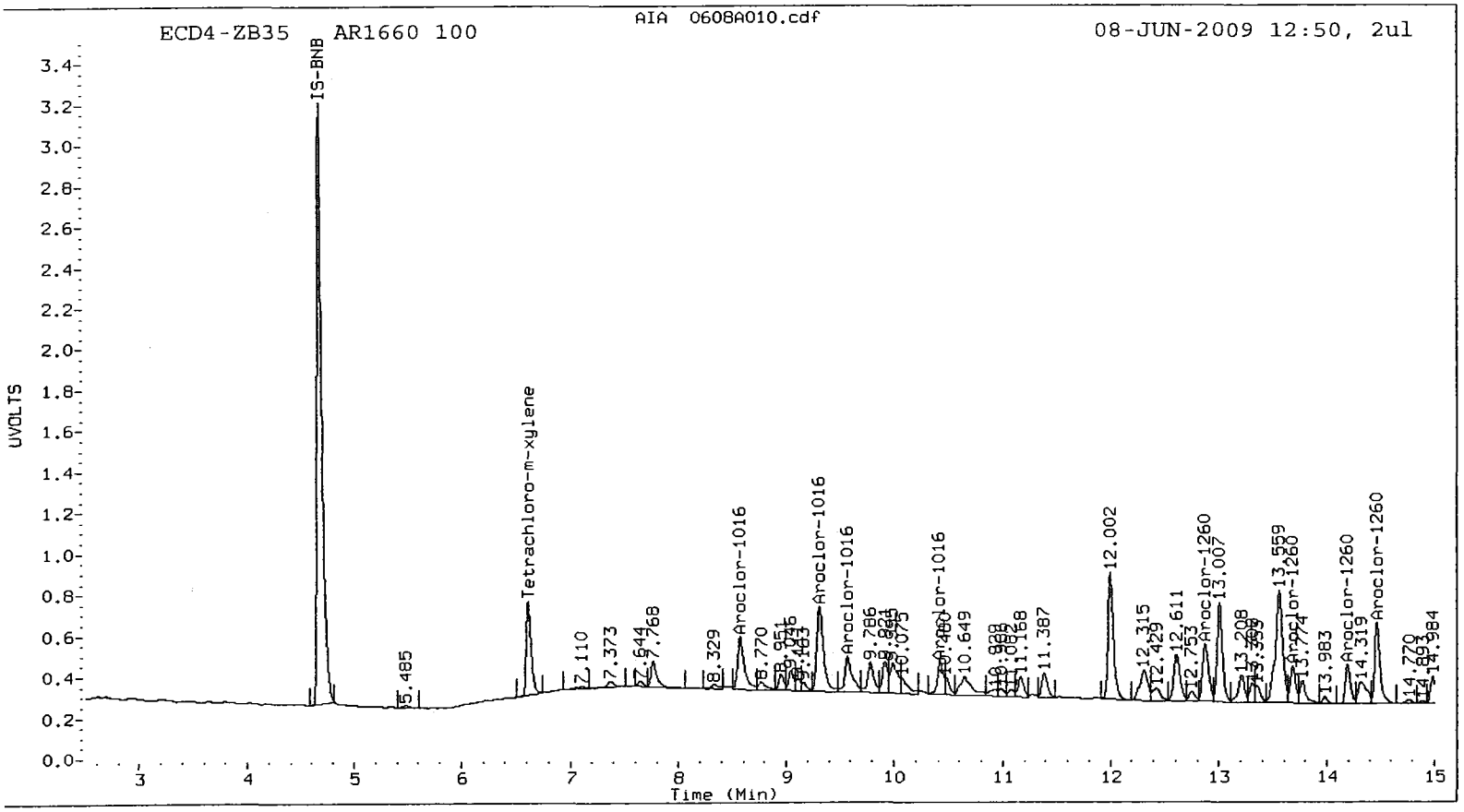
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260

VF 6/9/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/ical-1.b/0608A011.d
Data file 2: 20090608.b/ical-2.b/0608A011.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660 500
Client ID:
Injection Date: 08-JUN-2009 13:12
Report Date: 06/09/2009 11:48
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.417	0.000	7944154	6.617	0.000	2662611	29.6	33.9	13.5	Tetrachloro-m-xylene M
15.985	0.000	3505306	16.456	0.000	2133450	28.6	36.2	23.4	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	74.0	84.7
Decachlorobiphenyl	71.5	90.4

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	11863352	-8.8
Hexabromobiphenyl	3208426	2783065	-13.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4212974	-11.3
Hexabromobiphenyl	1484240	1305365	-12.1

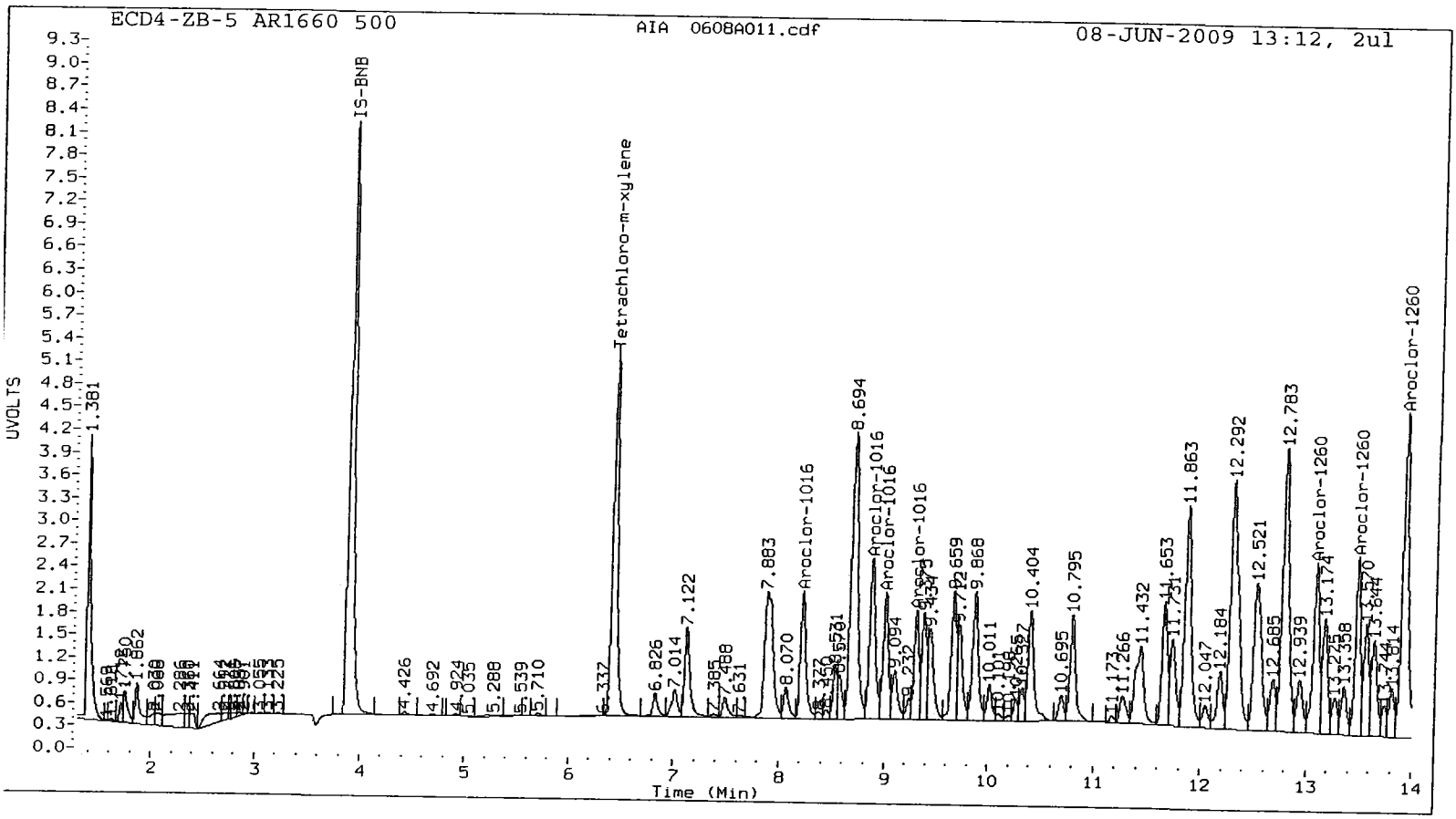
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	8.219	-0.001	2998093	388.9	1	8.572	-0.001	1822021	379.3
Aroclor-1016	2	8.871	-0.002	3997285	378.9	2	9.316	-0.002	2957095	382.4
Aroclor-1016	3	9.001	-0.002	2981700	411.8	3	9.572	-0.001	1426100	402.2
Aroclor-1016	4	9.299	-0.001	2326077	407.0	4	10.425	-0.001	1418217	456.5
Total Col1Ave (4 peaks):					396.6	Total Col2Ave (4 peaks):				405.1 RPD = 2
Corrected Ave (4 peaks):					396.6	Corrected Ave (4 peaks):				405.1 RPD = 2
Aroclor-1260	1	13.087	-0.001	4411939	385.1	1	12.874	-0.001	2032722	403.0
Aroclor-1260	2	13.482	-0.001	4102563	382.5	2	13.683	-0.001	1147101	430.5
Aroclor-1260	3	13.913	-0.001	8690210	371.1	3	14.191	-0.001	1168237	410.1
Aroclor-1260	4	14.347	0.000	4332287	378.0	4	14.467	0.000	2664257	429.9
Aroclor-1260	5	14.540	-0.001	2317095	379.2	5	15.043	0.001	1751726	450.3
Total Col1Ave (5 peaks):					379.2	Total Col2Ave (5 peaks):				424.8 RPD = 11
Corrected Ave (5 peaks):					379.2	Corrected Ave (5 peaks):				424.8 RPD = 11

Total PCB Area Col1 (6.517 - 15.885) = 140241849 Col1 Total PCB = 0.5 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 40298081 Col2 Total PCB = 0.6 ppm*

* Quantitated against AR1660 0.25ppm in Ical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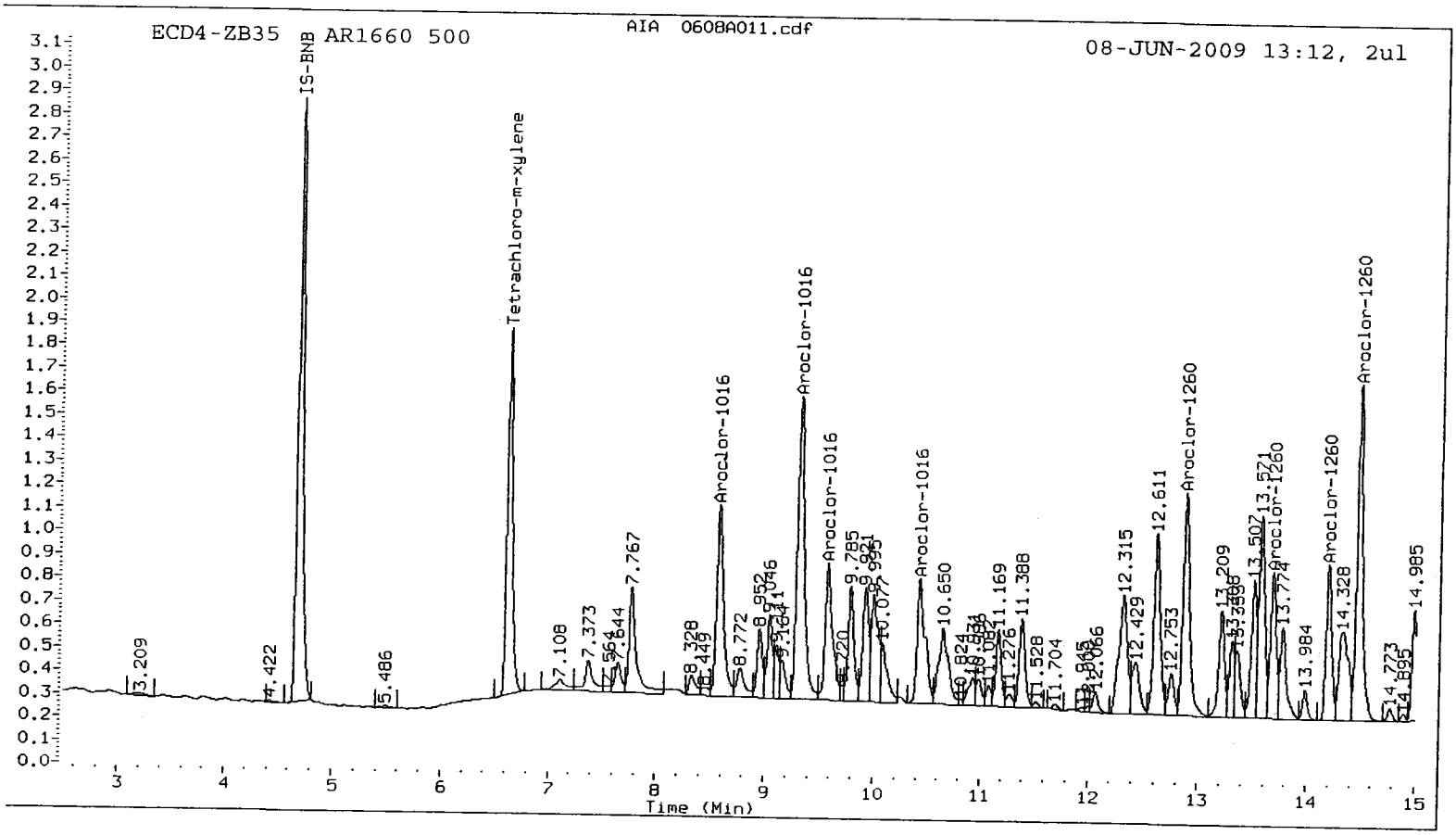
08-JUN-2009 13:12, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260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08-JUN-2009 13:12, 2ul
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260

VC 6/9/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/ical-1.b/0608A012.d
Data file 2: 20090608.b/ical-2.b/0608A012.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660 50
Client ID:
Injection Date: 08-JUN-2009 13:35
Report Date: 06/09/2009 11:48
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
6.417	0.000	1281181	6.618	0.001	324550	4.5	3.9	13.5	Tetrachloro-m-xylene M
15.985	0.000	560446	16.456	0.001	224647	4.4	3.8	15.8	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	11.2	9.7
Decachlorobiphenyl	11.1	9.5

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	12691428	-2.5
Hexabromobiphenyl	3208426	2861250	-10.8

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4463907	-6.1
Hexabromobiphenyl	1484240	1310052	-11.7

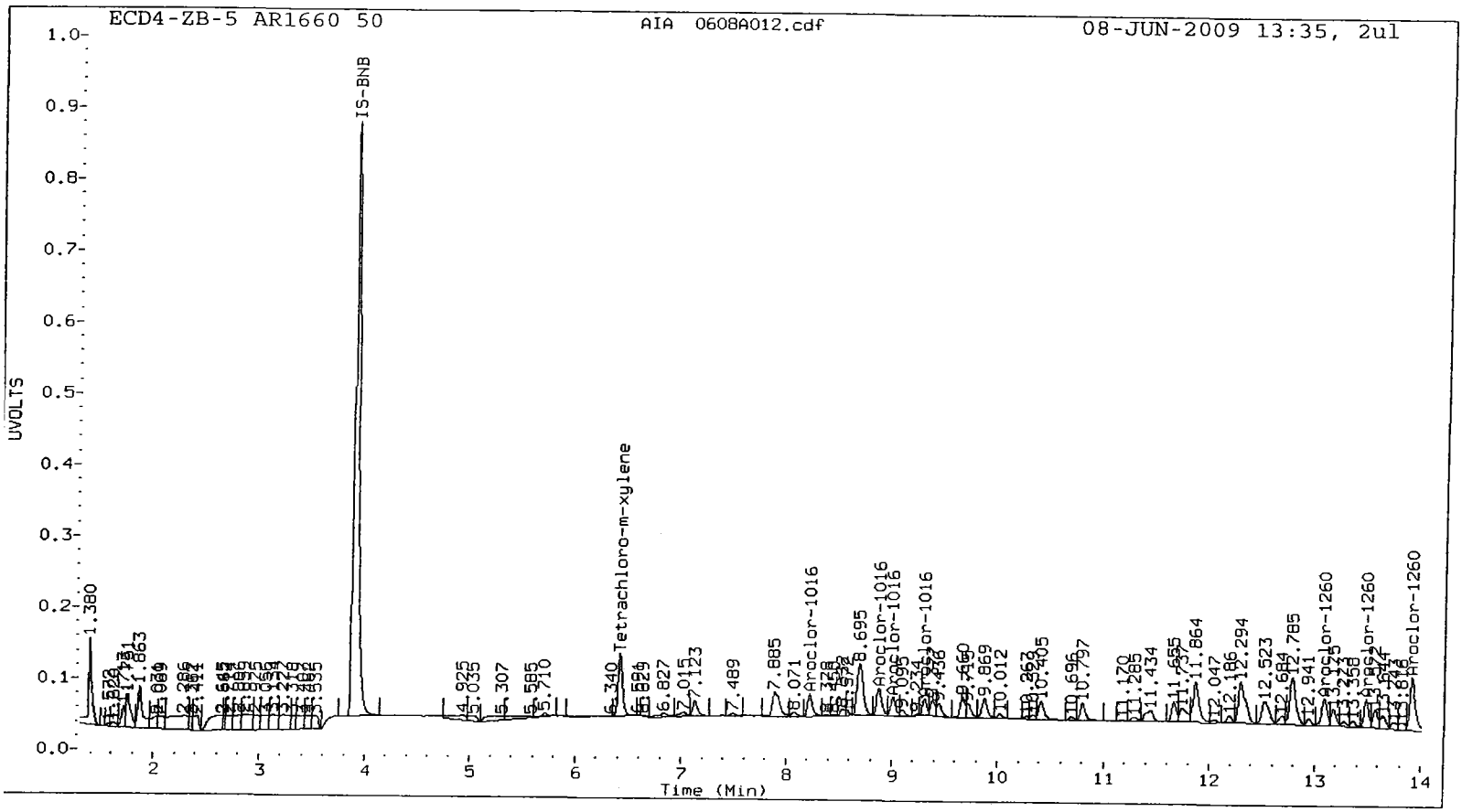
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	8.221	0.000	495215	60.0	1	8.573	0.000	265345	52.1
Aroclor-1016	2	8.873	0.000	612173	54.2	2	9.317	0.000	432742	52.8
Aroclor-1016	3	9.003	0.000	414300	53.5	3	9.573	0.000	182317	48.5
Aroclor-1016	4	9.301	0.000	323903	53.0	4	10.426	0.000	181032	55.0
Total Col1Ave (4 peaks):					55.2	Total Col2Ave (4 peaks):				52.1 RPD = 6
Corrected Ave (4 peaks):					55.2	Corrected Ave (4 peaks):				52.1 RPD = 6
Aroclor-1260	1	13.087	0.000	686276	58.3	1	12.875	0.000	267780	52.9
Aroclor-1260	2	13.483	0.000	621653	56.4	2	13.683	0.000	141328	52.8
Aroclor-1260	3	13.914	0.000	1390629	57.8	3	14.192	0.000	148060	51.8
Aroclor-1260	4	14.347	0.000	620322	52.6	4	14.467	0.000	327598	52.7
Aroclor-1260	5	14.540	0.000	326489	52.0	5	15.042	0.000	200361	51.3
Total Col1Ave (5 peaks):					55.4	Total Col2Ave (5 peaks):				52.3 RPD = 6
Corrected Ave (5 peaks):					55.4	Corrected Ave (5 peaks):				52.3 RPD = 6

Total PCB Area Col1 (6.517 - 15.885) = 23561009 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 5549534 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical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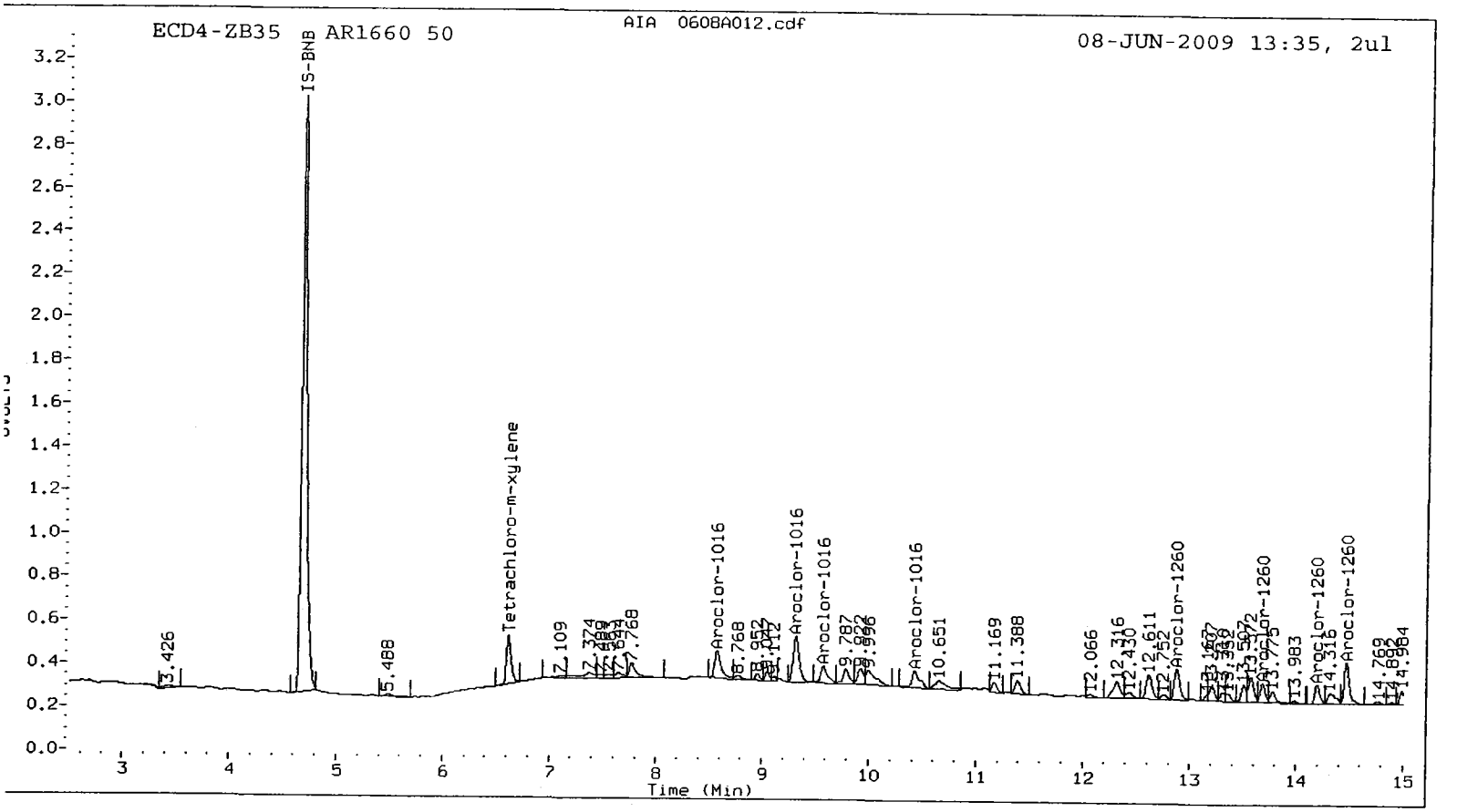
AIA 0608A012.cdf
08-JUN-2009 13:35, 2ul
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
UVOLTS
Time (Min)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08-JUN-2009 13:35, 2ul
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Time (Min)

PC 6/9/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/ical-1.b/0608A013.d
Data file 2: 20090608.b/ical-2.b/0608A013.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660 ICV
Client ID:
Injection Date: 08-JUN-2009 13:57
Report Date: 06/09/2009 11:48
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.417	0.000	5407614	6.617	0.000	1595190	18.1	18.6	2.8	Tetrachloro-m-xylene
15.984	-0.001	2218705	16.456	0.000	1329664	16.4	21.8	28.1	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	45.2	46.5
Decachlorobiphenyl	41.0	54.4

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	13215751	1.5
Hexabromobiphenyl	3208426	3071894	-4.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4598856	-3.2
Hexabromobiphenyl	1484240	1352425	-8.9

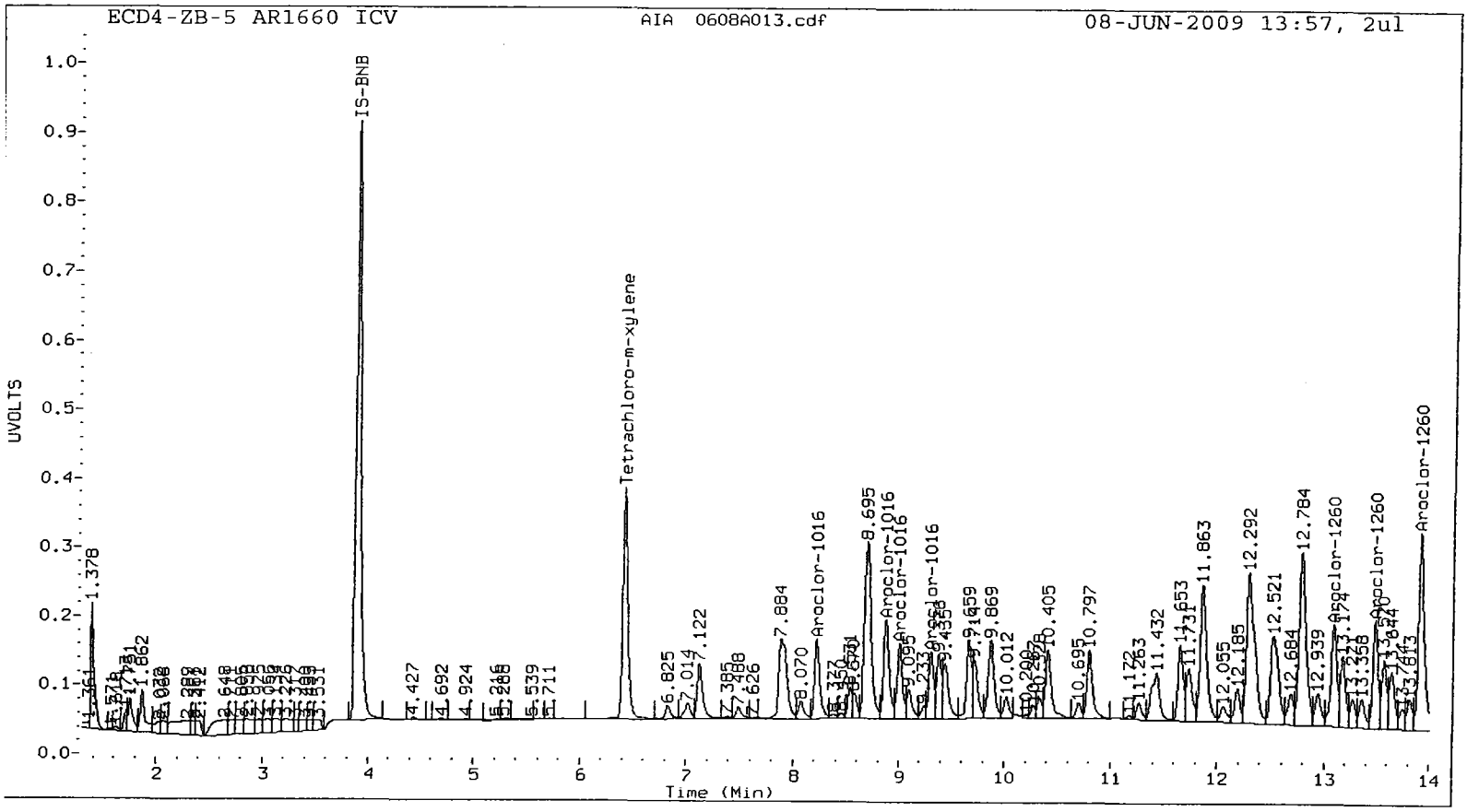
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	8.219	-0.002	2014355	234.6	1	8.573	0.000	1081918	206.3
Aroclor-1016	2	8.871	-0.002	2643272	224.9	2	9.318	0.000	1877991	222.5
Aroclor-1016	3	9.003	-0.001	1928541	239.1	3	9.573	0.000	799473	206.5
Aroclor-1016	4	9.300	-0.001	1535608	241.2	4	10.426	0.000	593241	174.9
Total Col1Ave (4 peaks):					234.9	Total Col2Ave (4 peaks):				202.6 RPD = 15
Corrected Ave (4 peaks):					234.9	Corrected Ave (4 peaks):				202.6 RPD = 15
Aroclor-1260	1	13.087	0.000	2937891	232.3	1	12.875	-0.001	1204406	230.5
Aroclor-1260	2	13.483	-0.001	2704002	228.4	2	13.682	-0.001	670494	242.9
Aroclor-1260	3	13.913	-0.001	5691381	220.2	3	14.192	0.000	679863	230.3
Aroclor-1260	4	14.348	0.000	2802968	221.5	4	14.467	-0.001	1523086	237.2
Aroclor-1260	5	14.540	-0.001	1492740	221.3	5	15.043	0.001	973001	241.4
Total Col1Ave (5 peaks):					224.7	Total Col2Ave (5 peaks):				236.5 RPD = 5
Corrected Ave (5 peaks):					224.7	Corrected Ave (5 peaks):				236.5 RPD = 5

Total PCB Area Col1 (6.517 - 15.885) = 94376331 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 23385130 Col2 Total PCB = 0.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical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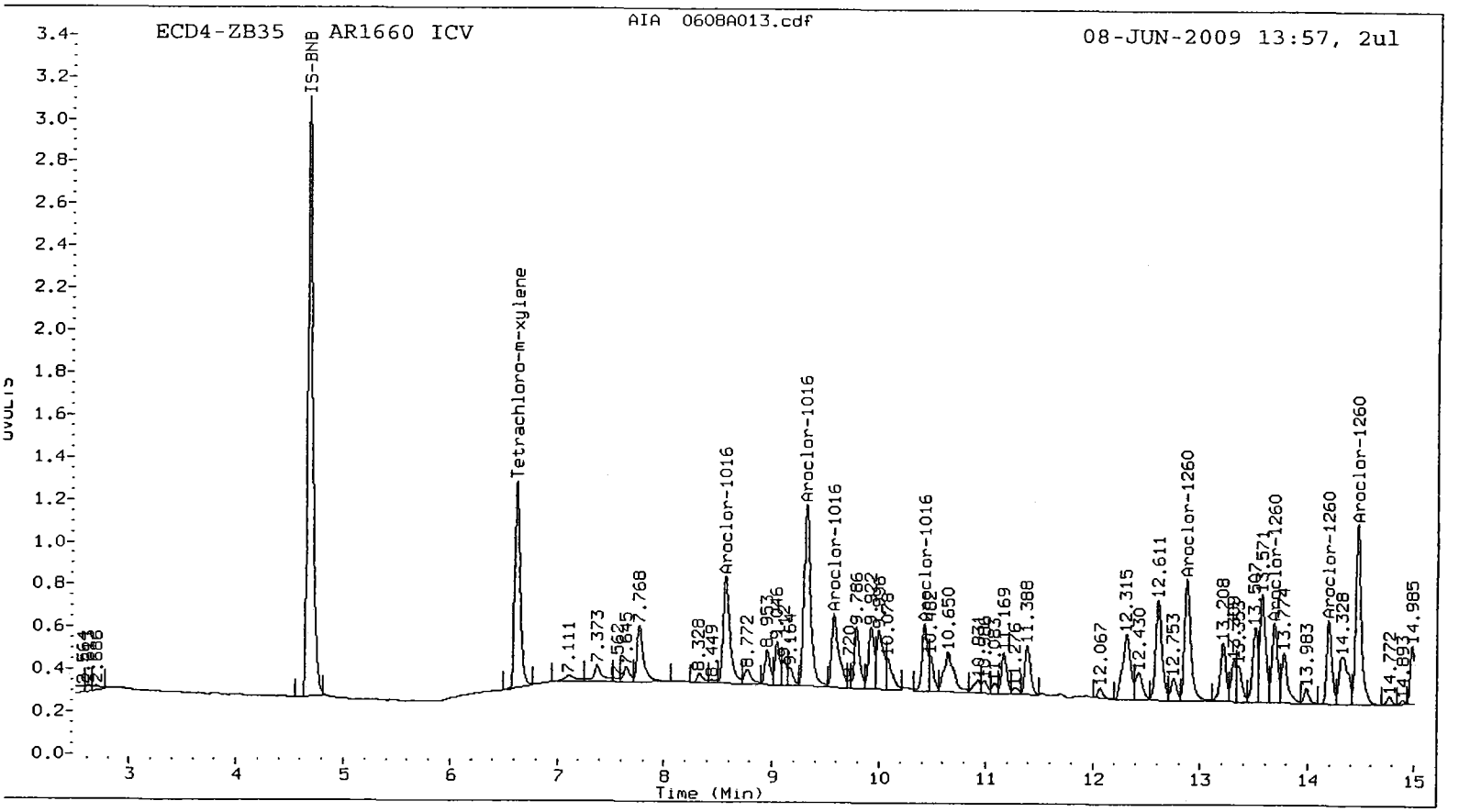
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260

VC
6/9/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/ical-1.b/0608A014.d
Data file 2: 20090608.b/ical-2.b/0608A014.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: AR1242
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: AR1242
Client ID:
Injection Date: 08-JUN-2009 14:19
Report Date: 06/09/2009 11:48
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.416	-0.001	5675992	6.617	0.000	1687773	21.0	22.3	6.1	Tetrachloro-m-xylene
15.985	0.000	2327712	16.457	0.001	1351201	19.4	26.0	28.9	Decachlorobiphenyl

* Indicates RPD > 40%
1 Indicates Column 1 peak was manually integrated
2 Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	52.5	55.8
Decachlorobiphenyl	48.5	64.9

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	11949803	-8.2
Hexabromobiphenyl	3208426	2724505	-15.1

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4052421	-14.7
Hexabromobiphenyl	1484240	1151985	-22.4

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

		ZB5 Col				ZB35 Col			
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1242	1	8.219	0.000	1811020	250.0	1	7.767	0.000	520514	250.0
Aroclor-1242	2	8.695	0.000	5361214	250.0	2	8.572	0.000	1009277	250.0
Aroclor-1242	3	8.871	0.000	2442914	250.0	3	9.317	0.000	1748468	250.0
Aroclor-1242	4	9.869	0.000	2393967	250.0	4	9.785	0.000	514329	250.0
Aroclor-1242	NS	---			----	5	11.531	0.000	572129	250.0

Total Col1Ave (4 peaks): 250.0 Total Col2Ave (5 peaks): 250.0 RPD = 0

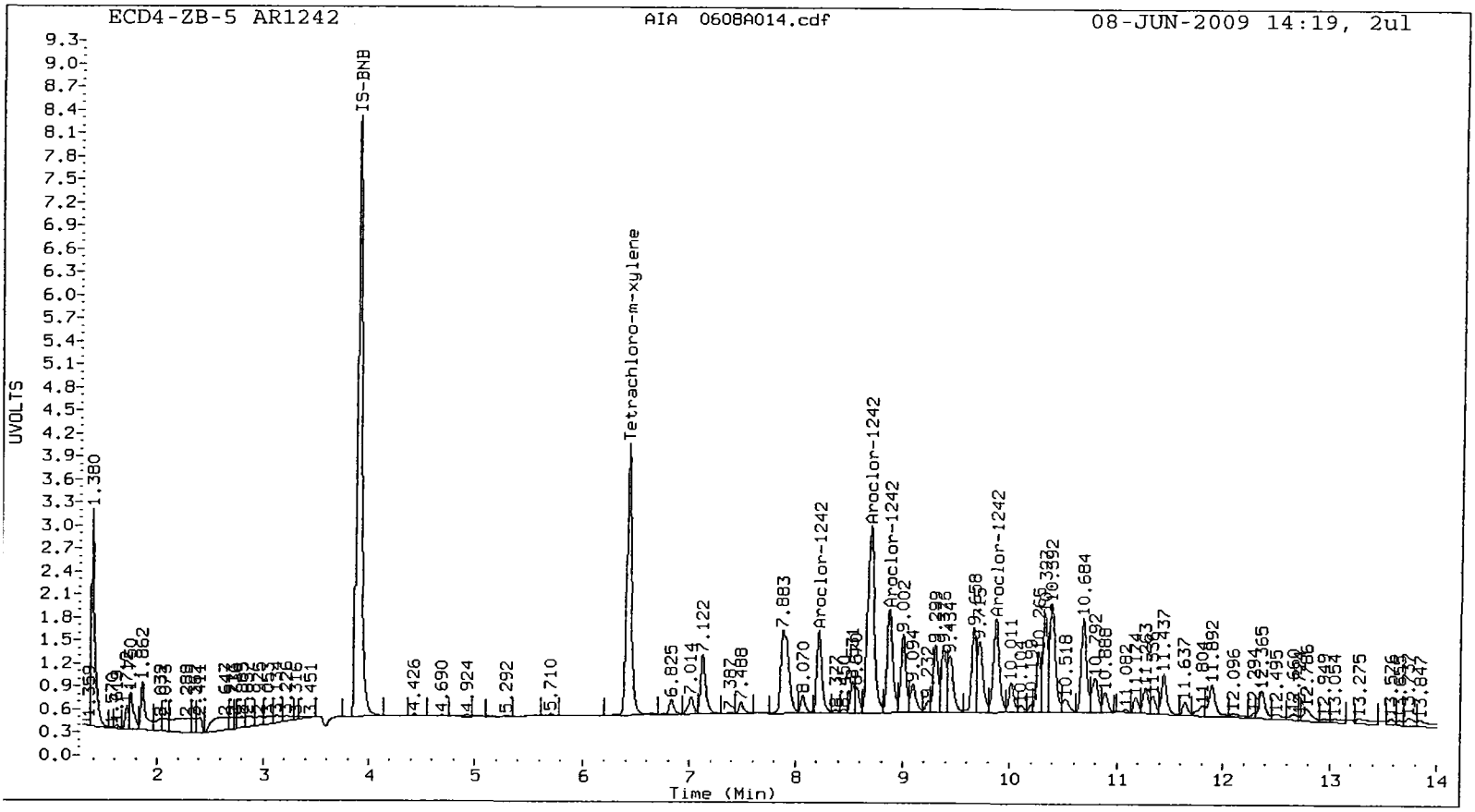
Corrected Ave (4 peaks): 250.0 Corrected Ave (5 peaks): 250.0 RPD = 0

Total PCB Area Col1 (6.517 - 15.885) = 48627798 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 12973354 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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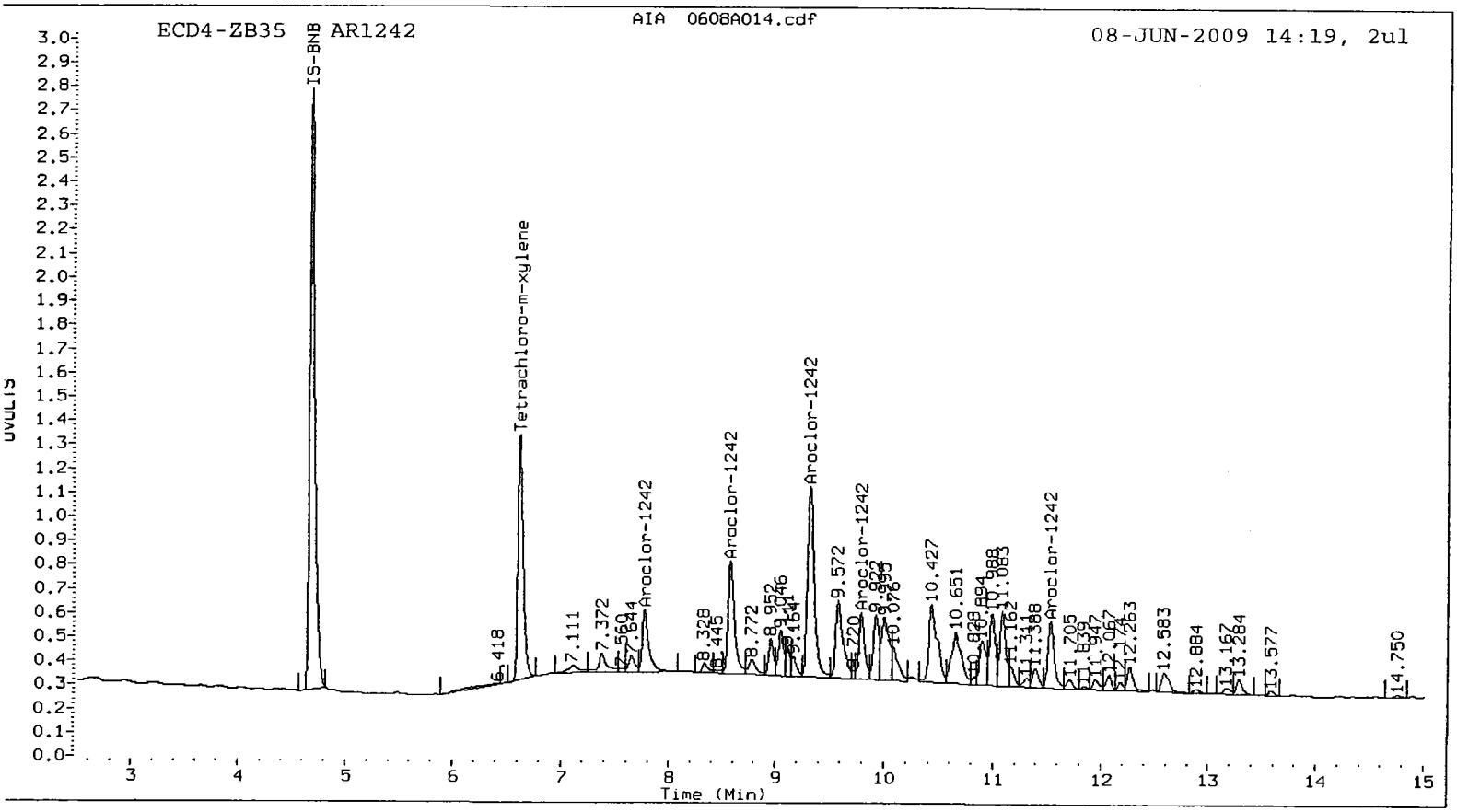
IS-BNB
Tetrachloro-m-xylene
Aroclor-1242
Time (Min)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UVOLTS
IS-BNB
Tetrachloro-m-xylene
Aroclor-1242
Time (Min)

VC
6/9/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/ical-1.b/0608A015.d
Data file 2: 20090608.b/ical-2.b/0608A015.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: AR1248
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: AR1248
Client ID:
Injection Date: 08-JUN-2009 14:41
Report Date: 06/09/2009 11:48
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
6.416	-0.001	6541293	6.616	-0.001	1943259	21.1	22.5	6.4	Tetrachloro-m-xylene
15.986	0.001	2585150	16.455	0.000	1538204	19.4	26.0	28.9	Decachlorobiphenyl

* Indicates RPD > 40%
1 Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	52.9	56.3
Decachlorobiphenyl	48.6	65.0

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	13672677	5.1
Hexabromobiphenyl	3208426	3021101	-5.8

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4620661	-2.8
Hexabromobiphenyl	1484240	1309883	-11.7

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

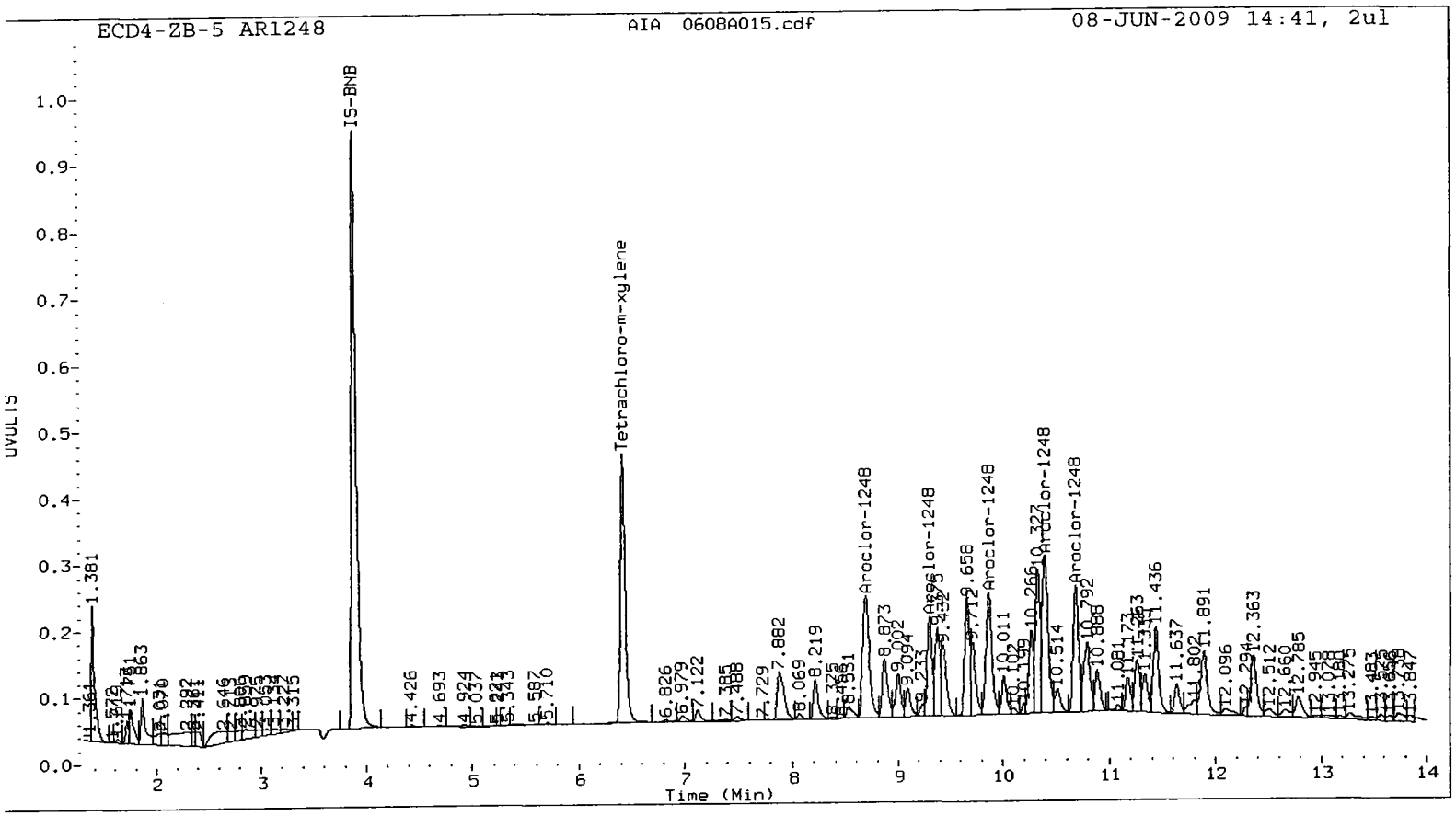
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1248	1	8.692	0.000	4038437	250.0	1	9.314	0.000	1238888	250.0
Aroclor-1248	2	9.299	0.000	2374121	250.0	2	10.423	0.000	899375	250.0
Aroclor-1248	3	9.868	0.000	3599119	250.0	3	10.986	0.000	996300	250.0
Aroclor-1248	4	10.393	0.000	4664607	250.0	4	11.529	0.000	1013141	250.0
Aroclor-1248	5	10.684	0.000	3395385	250.0	NS	---			----
Total Col1Ave (5 peaks):					250.0	Total Col2Ave (4 peaks):			250.0	RPD = 0
Corrected Ave (5 peaks):					250.0	Corrected Ave (4 peaks):			250.0	RPD = 0

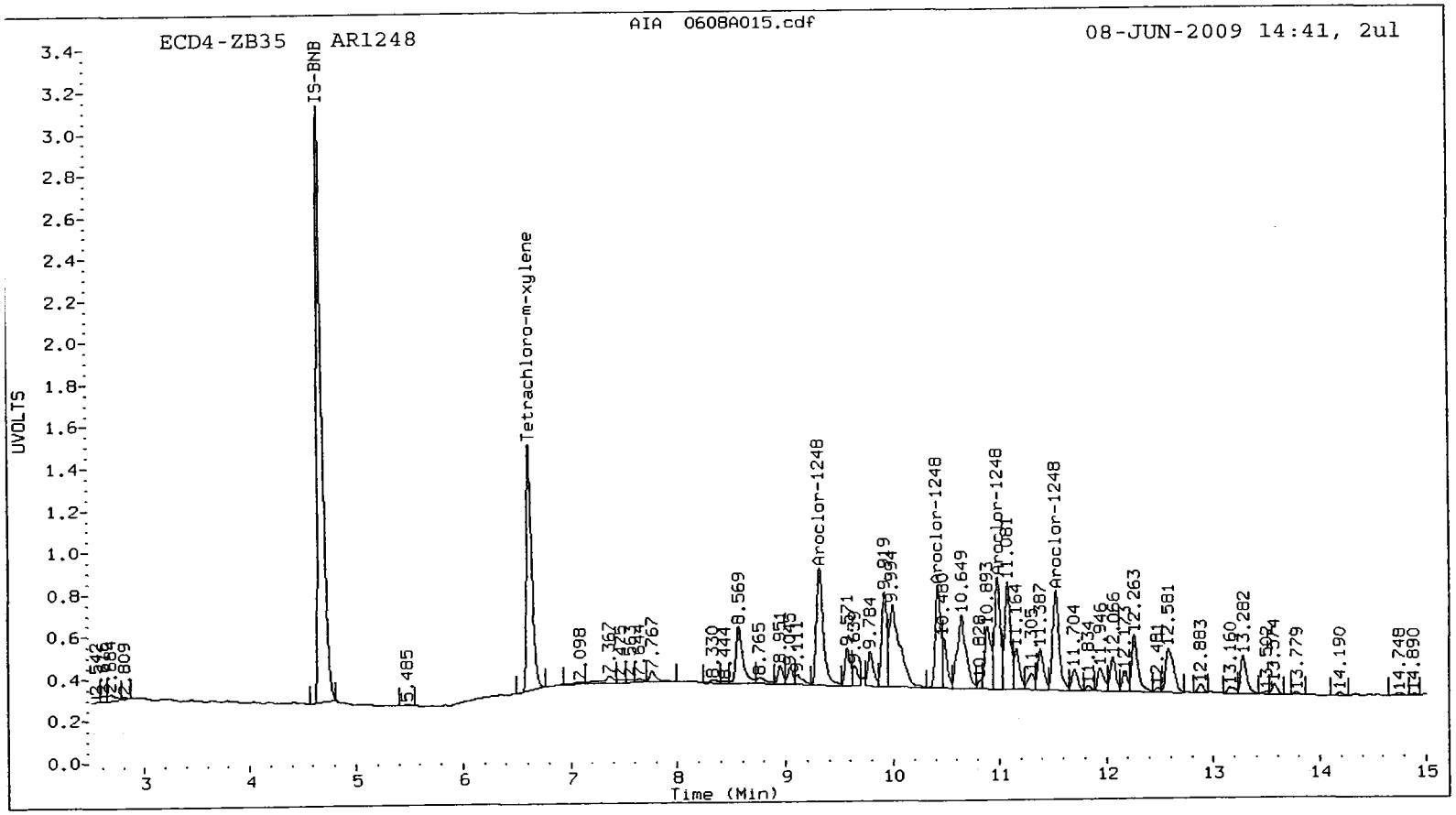
Total PCB Area Col1 (6.517 - 15.885) = 61622538 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 15462527 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.


ECD4-ZB-5 AR1248
AIA 0608A015.cdf
08-JUN-2009 14:41, 2ul
UVOLTS
IS-BNB
Tetrachloro-m-xylene
Aroclor-1248
Time (Min)


ECD4-ZB35 AR1248
AIA 0608A015.cdf
08-JUN-2009 14:41, 2ul
UVOLTS
IS-BNB
Tetrachloro-m-xylene
Aroclor-1248
Time (Min)

PC 6/9/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/ical-1.b/0608A016.d
Data file 2: 20090608.b/ical-2.b/0608A016.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: AR1254
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: AR1254
Client ID:
Injection Date: 08-JUN-2009 15:03
Report Date: 06/09/2009 11:48
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.416	-0.001	5648364	6.617	0.000	1606076	20.1	21.2	5.3	Tetrachloro-m-xylene
15.985	0.000	2265317	16.457	0.001	1297309	18.4	24.1	26.8	Decachlorobiphenyl

* Indicates RPD > 40%
1 Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	50.3	53.1
Decachlorobiphenyl	46.1	60.3

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	12400794	-4.7
Hexabromobiphenyl	3208426	2791503	-13.0

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4053422	-14.7
Hexabromobiphenyl	1484240	1189853	-19.8

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

		ZB5 Col					ZB35 Col			
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1254	1	10.404	0.000	3726060	250.0	1	11.169	0.000	767670	250.0
Aroclor-1254	2	10.794	0.000	4538822	250.0	2	11.387	0.000	1019427	250.0
Aroclor-1254	3	11.262	0.000	2888192	250.0	3	12.264	0.000	1470899	250.0
Aroclor-1254	4	11.435	0.000	5398843	250.0	4	12.588	0.000	1518223	250.0
Aroclor-1254	5	12.785	0.000	5084195	250.0	5	13.572	0.000	949266	250.0

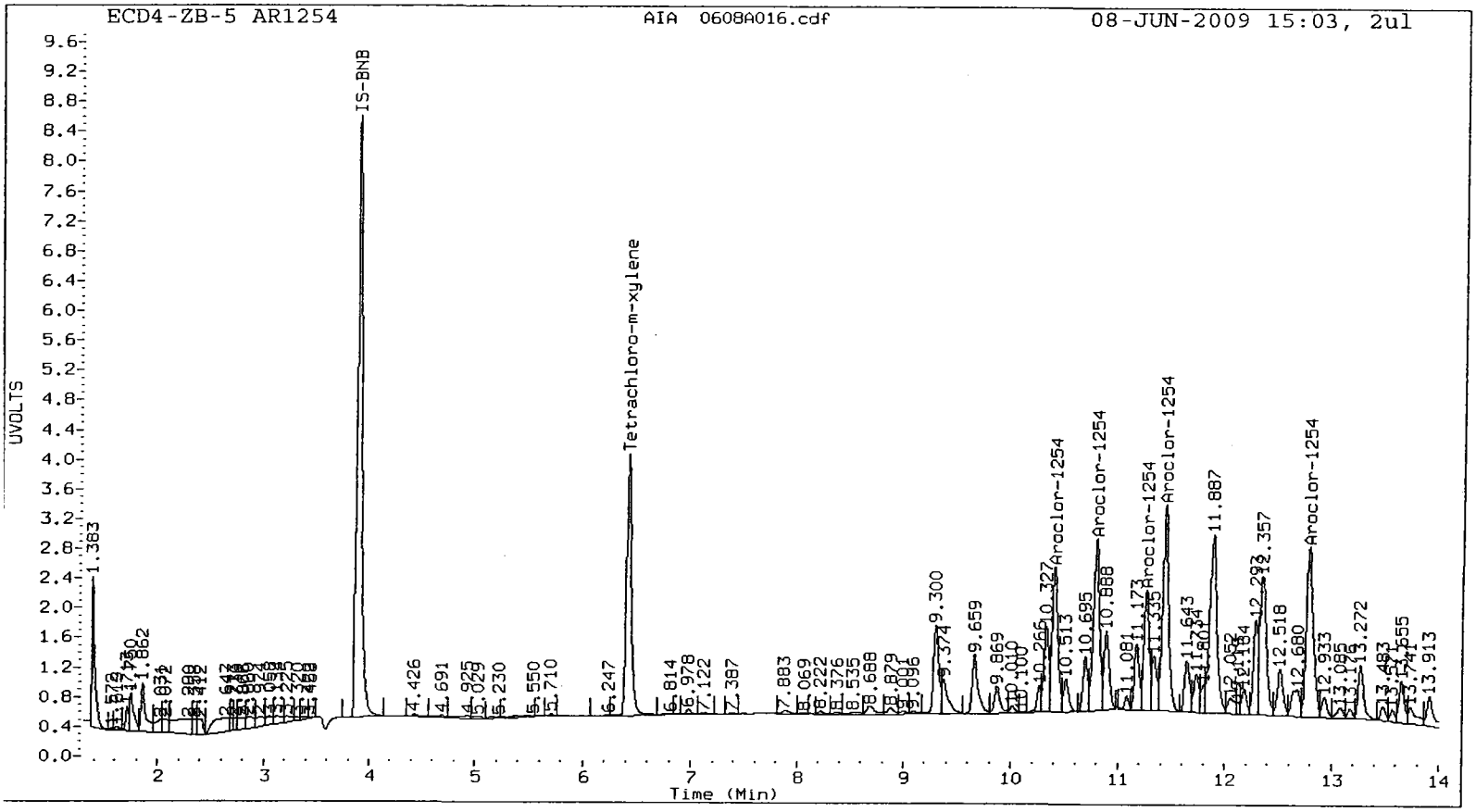
Total Col1Ave (5 peaks): 250.0 Total Col2Ave (5 peaks): 250.0 RPD = 0

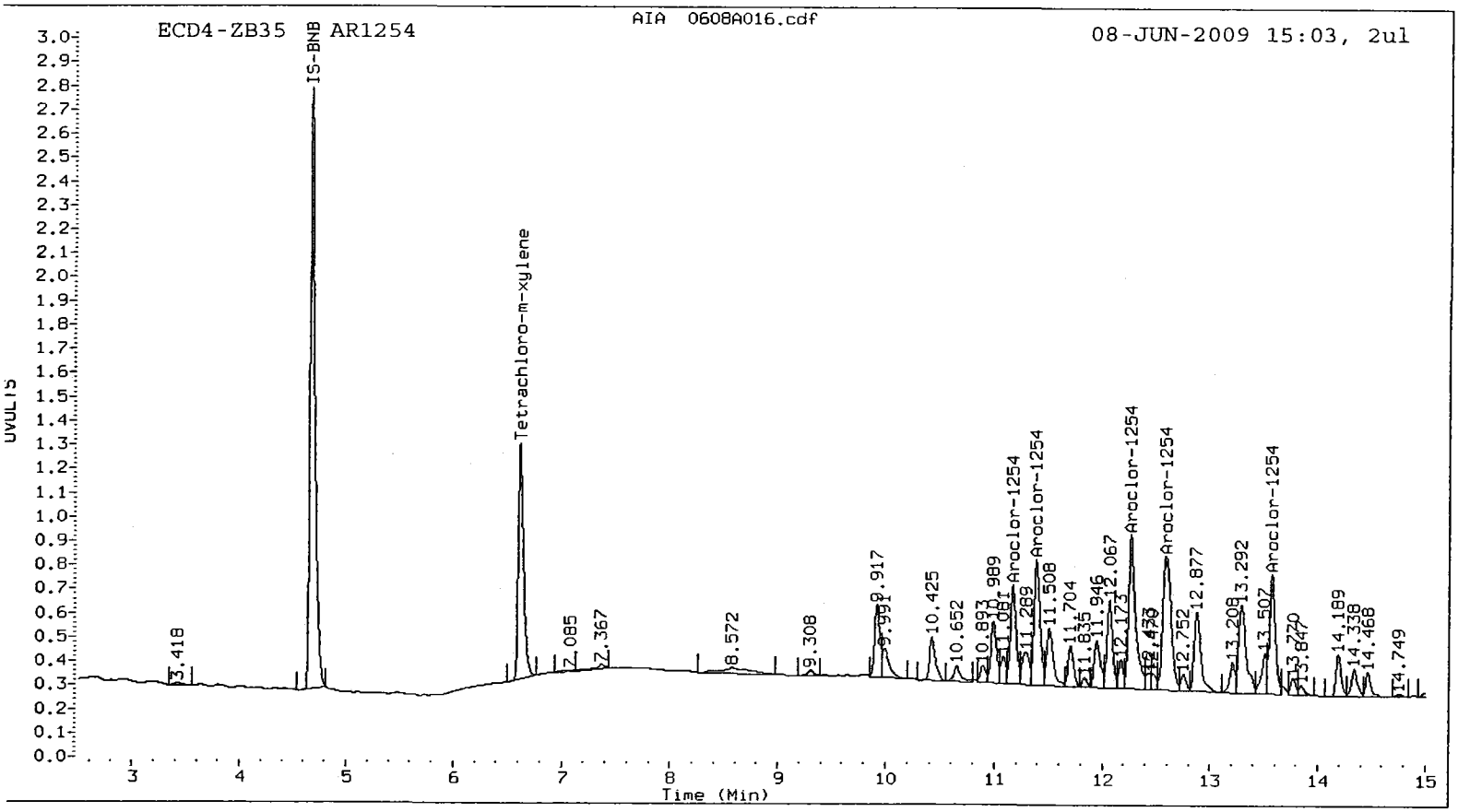
Corrected Ave (5 peaks): 250.0 Corrected Ave (5 peaks): 250.0 RPD = 0

Total PCB Area Col1 (6.517 - 15.885) = 63693191 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 14338538 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical


ECD4-ZB-5 AR1254
AIA 0608A016.cdf
08-JUN-2009 15:03, 2ul
UVOLTS
IS-BNB
Tetrachloro-m-xylene
Aroclor-1254
Time (Min)


ECD4-ZB35 AR1254
AIA 0608A016.cdf
08-JUN-2009 15:03, 2ul
UVOLTS
IS-BNB
Tetrachloro-m-xylene
Aroclor-1254
Time (Min)

PC
6/9/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/ical-1.b/0608A017.d
Data file 2: 20090608.b/ical-2.b/0608A017.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: AR2162
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: AR2162
Client ID:
Injection Date: 08-JUN-2009 15:26
Report Date: 06/09/2009 11:48
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.418	0.001	5849274	6.617	0.000	1726487	19.5	21.4	9.0	Tetrachloro-m-xylene
15.986	0.001	2414608	16.456	0.000	1383755	18.4	24.5	28.3	Decachlorobiphenyl

* Indicates RPD > 40%
1 Indicates Column 1 peak was manually integrated
I Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	48.9	53.5
Decachlorobiphenyl	46.0	61.1

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	13228743	1.6
Hexabromobiphenyl	3208426	2981050	-7.1

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4325154	-9.0
Hexabromobiphenyl	1484240	1252345	-15.6

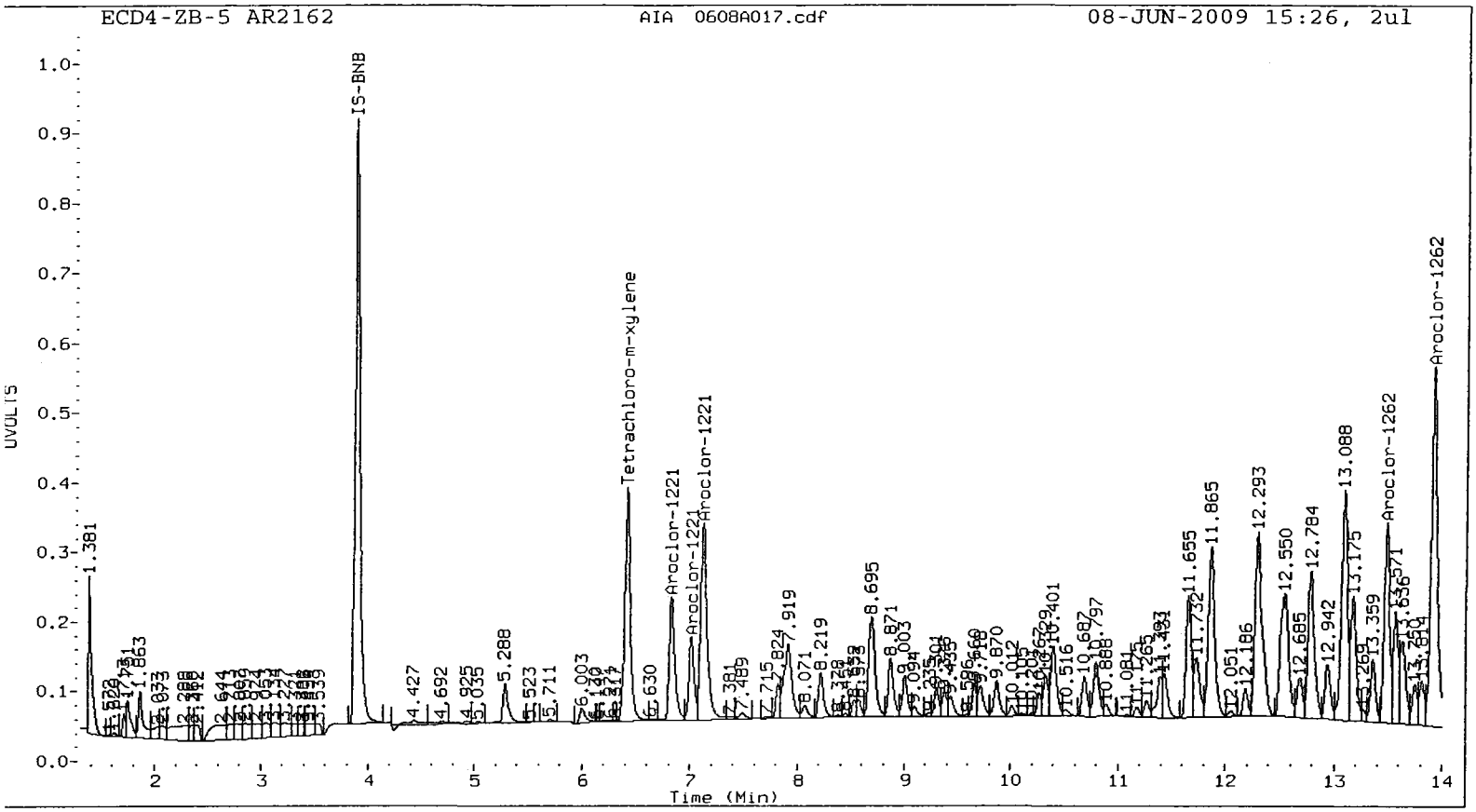
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

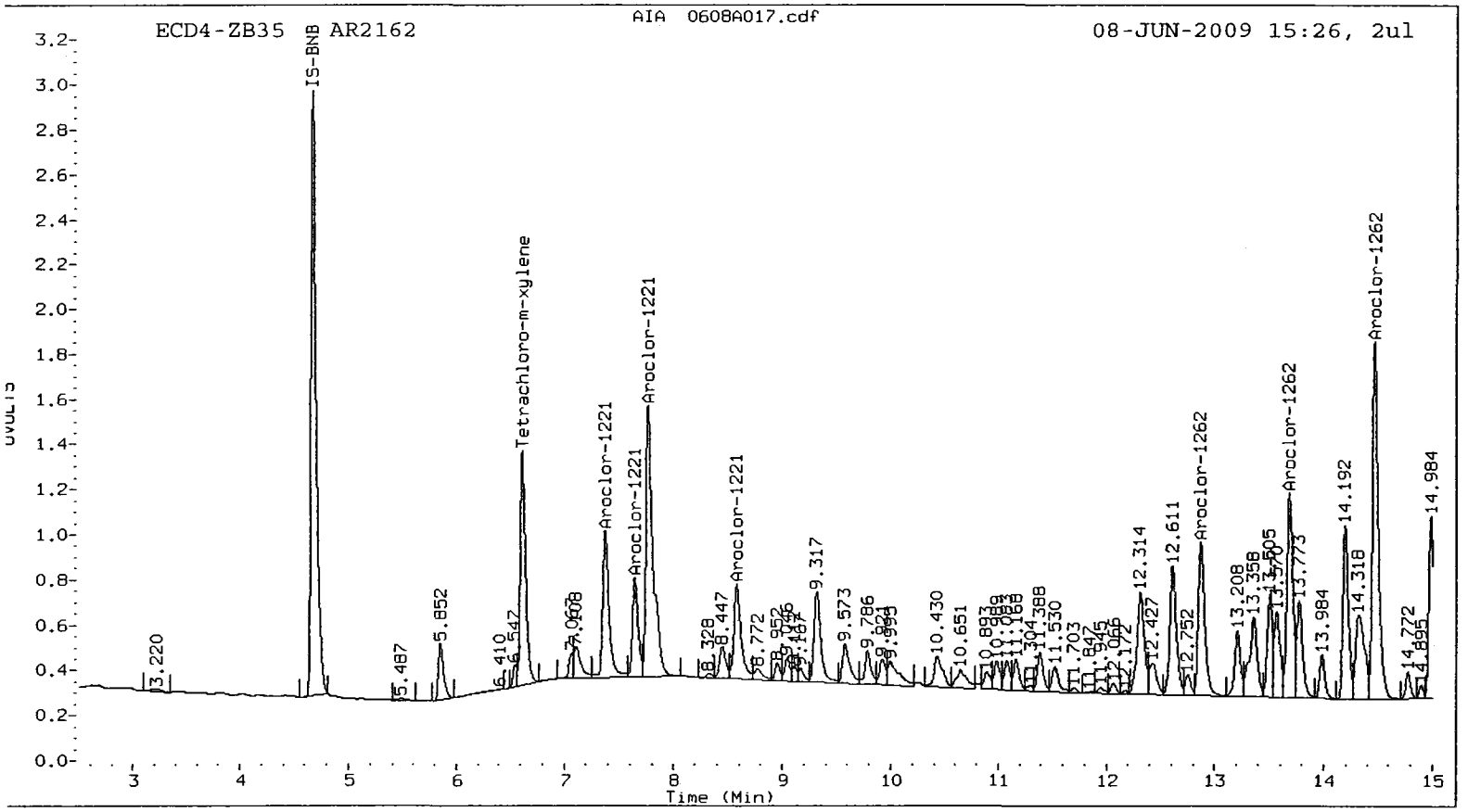
		ZB5 Col				ZB35 Col			
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1221	1	6.827	0.000	3208671	250.0	1	7.372	0.000	1318713	250.0
Aroclor-1221	2	7.015	0.000	2062218	250.0	2	7.643	0.000	782173	250.0
Aroclor-1221	3	7.123	0.000	5885872	250.0	3	7.767	0.000	2656260	250.0
Aroclor-1221	NS	---			----	4	8.580	0.000	960380	250.0
Total Col1Ave (3 peaks):					250.0	Total Col2Ave (4 peaks):			250.0	RPD = 0
Corrected Ave (3 peaks):					250.0	Corrected Ave (4 peaks):			250.0	RPD = 0
Aroclor-1262	1	13.484	0.000	5114836	250.0	1	12.874	0.000	1402498	250.0
Aroclor-1262	2	13.915	0.000	10195296	250.0	2	13.683	0.000	1644679	250.0
Aroclor-1262	3	14.349	0.000	3498796	250.0	3	14.466	0.000	2902322	250.0
Aroclor-1262	4	14.541	0.000	4403321	250.0	4	15.043	0.000	2108947	250.0
Aroclor-1262	5	15.184	0.000	2921767	250.0	5	15.697	0.000	1161210	250.0
Total Col1Ave (5 peaks):					250.0	Total Col2Ave (5 peaks):			250.0	RPD = 0
Corrected Ave (5 peaks):					250.0	Corrected Ave (5 peaks):			250.0	RPD = 0

Total PCB Area Col1 (6.517 - 15.885) = 118888085 Col1 Total PCB = 0.4 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 32537844 Col2 Total PCB = 0.4 ppm*

* Quantitated against AR1660 0.25ppm in Ical


ECD4-ZB-5 AR2162
AIA 0608A017.cdf
08-JUN-2009 15:26, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1262


ECD4-ZB35 AR2162
AIA 0608A017.cdf
08-JUN-2009 15:26, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1262

VL
6/9/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/ical-1.b/0608A018.d
Data file 2: 20090608.b/ical-2.b/0608A018.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: AR3268
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: AR3268
Client ID:
Injection Date: 08-JUN-2009 15:48
Report Date: 06/09/2009 11:48
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
6.417	0.000	6216300	6.617	0.000	1854004	19.2	20.8	8.2	Tetrachloro-m-xylene
15.985	0.000	3948816	16.456	0.000	2299298	27.0	35.9	28.1	Decachlorobiphenyl

* Indicates RPD > 40%
1 Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	47.9	52.0
Decachlorobiphenyl	67.6	89.7

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	14337782	10.2
Hexabromobiphenyl	3208426	3315645	3.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4777574	0.5
Hexabromobiphenyl	1484240	1419069	-4.4

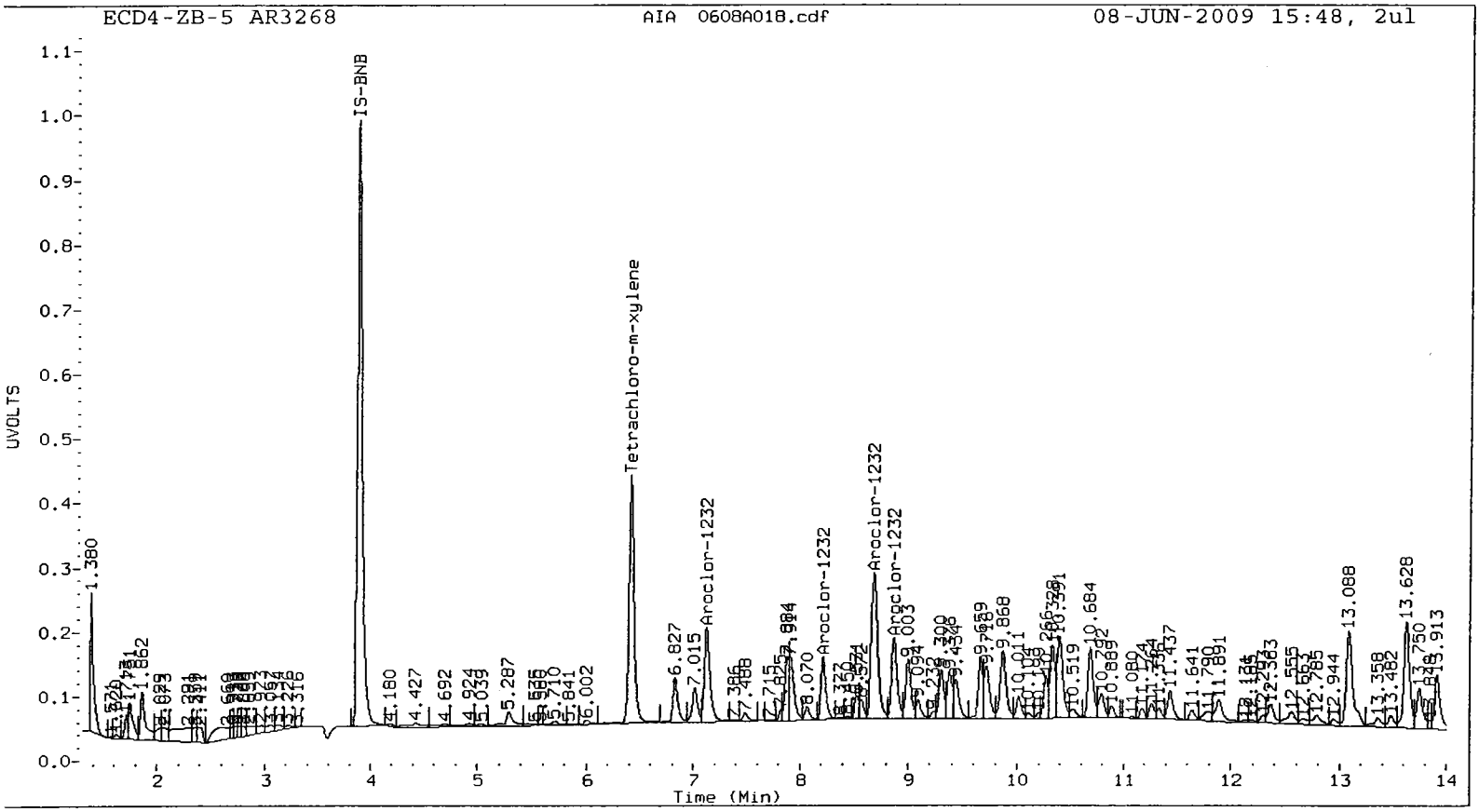
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1232	1	7.123	0.000	2813009	250.0	1	7.373	0.000	376566	250.0
Aroclor-1232	2	8.220	0.000	1612399	250.0	2	7.767	0.000	1018327	250.0
Aroclor-1232	3	8.695	0.000	4911108	250.0	3	8.574	0.000	948145	250.0
Aroclor-1232	4	8.871	0.000	2216992	250.0	4	9.317	0.000	1497005	250.0
Total Col1Ave (4 peaks):					250.0	Total Col2Ave (4 peaks):			250.0	RPD = 0
Corrected Ave (4 peaks):					250.0	Corrected Ave (4 peaks):			250.0	RPD = 0
Aroclor-1268	1	14.466	0.000	6760151	250.0	1	14.983	0.000	2068610	250.0
Aroclor-1268	2	14.538	0.000	7448206	250.0	2	15.044	0.000	2855743	250.0
Aroclor-1268	3	14.921	0.000	4804067	250.0	3	15.416	0.000	1846637	250.0
Aroclor-1268	4	15.636	0.000	9334141	250.0	4	16.111	0.000	5015605	250.0
Total Col1Ave (4 peaks):					250.0	Total Col2Ave (4 peaks):			250.0	RPD = 0
Corrected Ave (4 peaks):					250.0	Corrected Ave (4 peaks):			250.0	RPD = 0

Total PCB Area Col1 (6.517 - 15.885) = 88864049 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 27393587 Col2 Total PCB = 0.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical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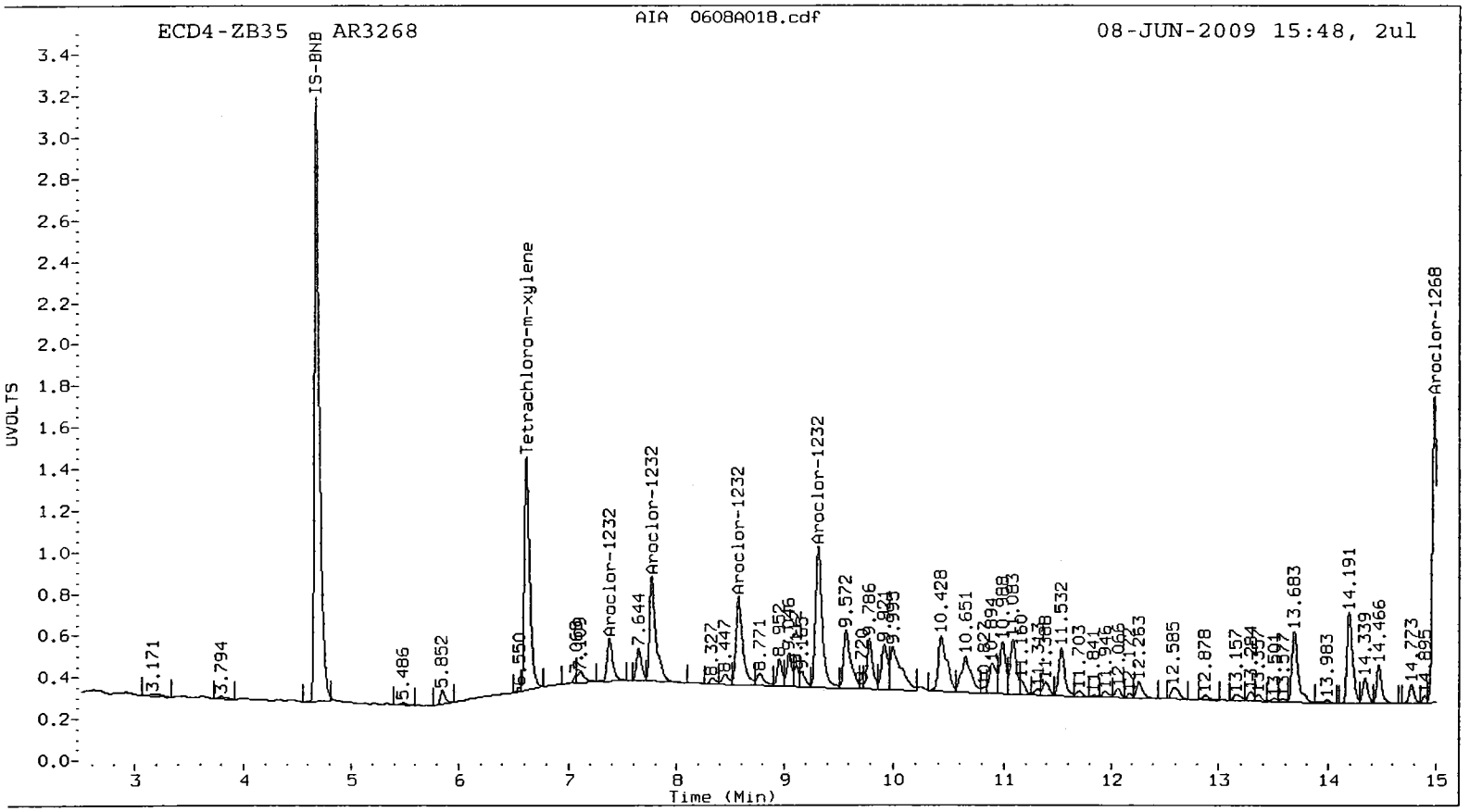
AIA 0608A018.cdf
08-JUN-2009 15:48, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1232
Aroclor-1232
Aroclor-1232
Aroclor-1232
Aroclor-1232
1.380
4.180
4.427
4.692
5.287
6.002
6.827
7.015
7.488
8.070
10.519
10.684
11.641
11.891
13.088
13.628
13.750
13.913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AIA 0608A018.cdf
08-JUN-2009 15:48, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1232
Aroclor-1232
Aroclor-1232
Aroclor-1232
Aroclor-1268
3.171
3.794
5.486
5.852
6.550
7.644
8.327
8.447
8.771
9.572
10.428
10.651
11.532
11.703
12.585
12.878
13.157
13.683
13.983
14.191
14.339
14.466
14.773

PC 6/11/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/0610-1.b/0610A006.d
Data file 2: 20090608.b/0610-2.b/0610A006.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: IB
Client ID:
Injection Date: 10-JUN-2009 15:50
Report Date: 06/11/2009 10:51
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
6.414	-0.003	7951177	6.614	-0.004	2652323	31.7	39.6	22.0	Tetrachloro-m-xylene
15.984	-0.001	3295610	16.455	-0.001	1950455	31.2	39.2	22.9	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	79.3	98.9
Decachlorobiphenyl	77.9	98.0

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	11076840	-14.9
Hexabromobiphenyl	3208426	2402080	-25.1

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	3592651	-24.4
Hexabromobiphenyl	1484240	1101099	-25.8

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

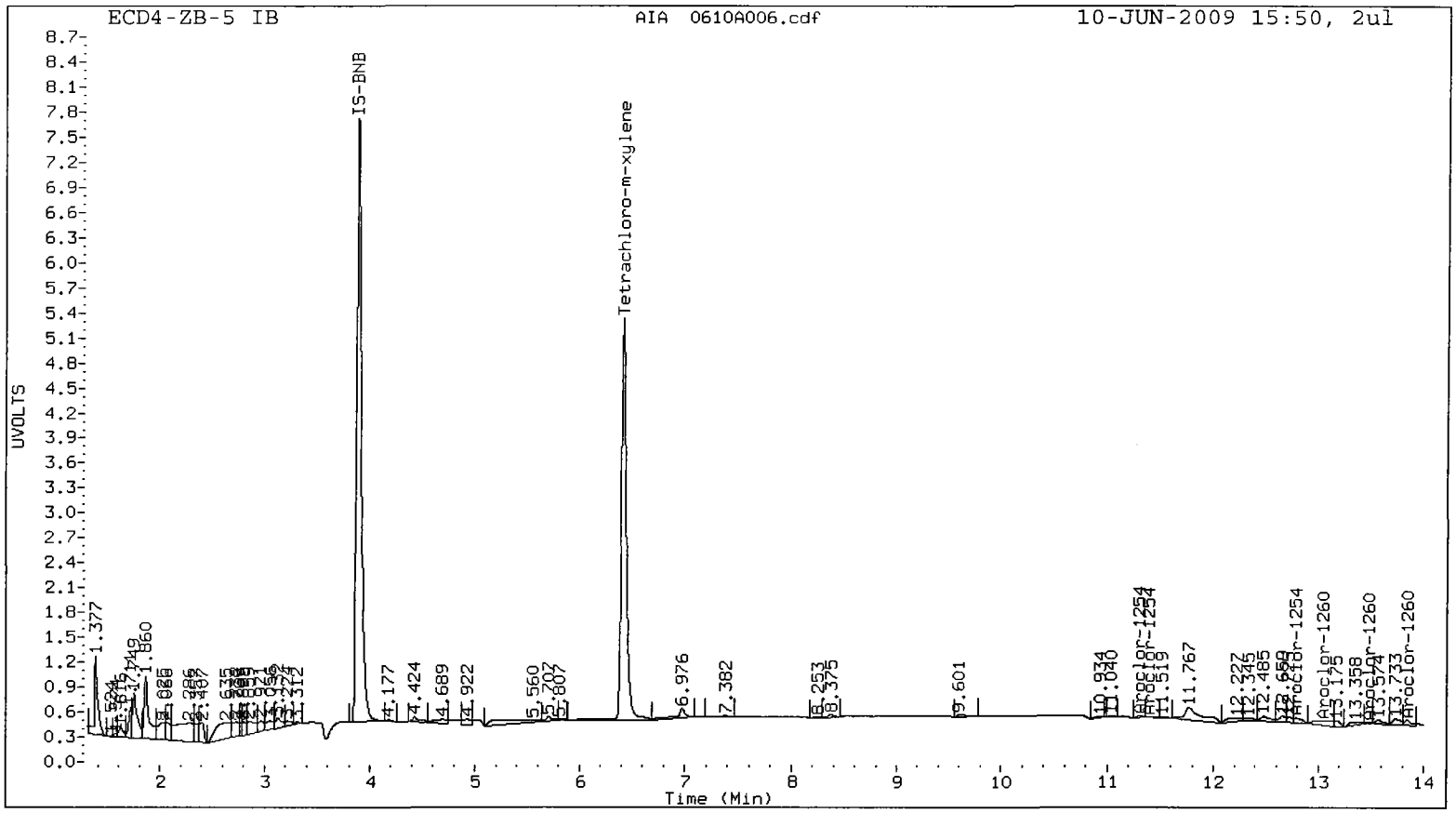
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.0	1	---			0.0
Aroclor-1016	2	---			0.0	2	---			0.0
Aroclor-1016	3	---			0.0	3	---			0.0
Aroclor-1016	4	---			0.0	4	---			0.0
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.0	1	7.363	-0.009	78125	17.8
Aroclor-1221	2	---			0.0	2	7.559	-0.085	12702	4.9
Aroclor-1221	3	---			0.0	3	---			0.0
Aroclor-1221	NS	---			----	4	8.677	0.097	219044	68.6
	Col1Ave: <3 Quant Peaks					Col2Ave: 30.5				
Aroclor-1232	1	---			0.0	1	---			0.0
Aroclor-1232	2	---			0.0	2	---			0.0
Aroclor-1232	3	---			0.0	3	---			0.0
Aroclor-1232	4	---			0.0	4	---			0.0
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.0	1	---			0.0
Aroclor-1242	2	---			0.0	2	---			0.0
Aroclor-1242	3	---			0.0	3	---			0.0
Aroclor-1242	4	---			0.0	4	---			0.0
Aroclor-1242	NS	---			----	5	---			0.0
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.0	1	---			0.0
Aroclor-1248	2	---			0.0	2	10.424	0.001	19755	7.1
Aroclor-1248	3	---			0.0	3	11.086	0.100	106180	34.3
Aroclor-1248	4	---			0.0	4	---			0.0
Aroclor-1248	5	---			0.0	NS	---			----
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	---			0.0	1	11.086	-0.083	106180	39.0
Aroclor-1254	2	---			0.0	2	11.381	-0.006	80223	22.2
Aroclor-1254	3	11.301	0.038	54744	5.3	3	---			0.0
Aroclor-1254	4	11.386	-0.050	24066	1.2	4	---			0.0
Aroclor-1254	5	12.789	0.004	175091	9.6	5	---			0.0
	Total Col1Ave (3 peaks):				5.4	Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	13.049	-0.038	387280	39.2	1	---			0.0
Aroclor-1260	2	13.485	0.002	40667	4.4	2	---			0.0
Aroclor-1260	3	13.845	-0.069	129158	6.4	3	---			0.0
Aroclor-1260	4	14.334	-0.014	99285	10.0	4	---			0.0
Aroclor-1260	5	14.533	-0.007	12300	2.3	5	---			0.0
	Total Col1Ave (5 peaks):				12.5	Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	13.485	0.001	40667	2.5	1	---			0.0
Aroclor-1262	2	13.845	-0.070	129158	3.9	2	---			0.0
Aroclor-1262	3	14.334	-0.015	99285	8.8	3	---			0.0
Aroclor-1262	4	14.533	-0.008	12300	0.9	4	---			0.0
Aroclor-1262	5	15.207	0.023	135122	14.3	5	---			0.0
	Total Col1Ave (5 peaks):				6.1	Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	14.430	-0.036	38395	2.0	1	---			0.0
Aroclor-1268	2	14.533	-0.005	12300	0.6	2	---			0.0
Aroclor-1268	3	14.918	-0.003	94141	6.8	3	15.414	-0.002	19124	3.3
Aroclor-1268	4	15.631	-0.004	535674	19.8	4	16.113	0.002	39725	2.6
	Total Col1Ave (4 peaks):				7.3	Col2Ave: <3 Quant Peaks				

Total PCB Area Col1 (6.517 - 15.885) = 5971869 Col1 Total PCB = 0.0 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 1153253 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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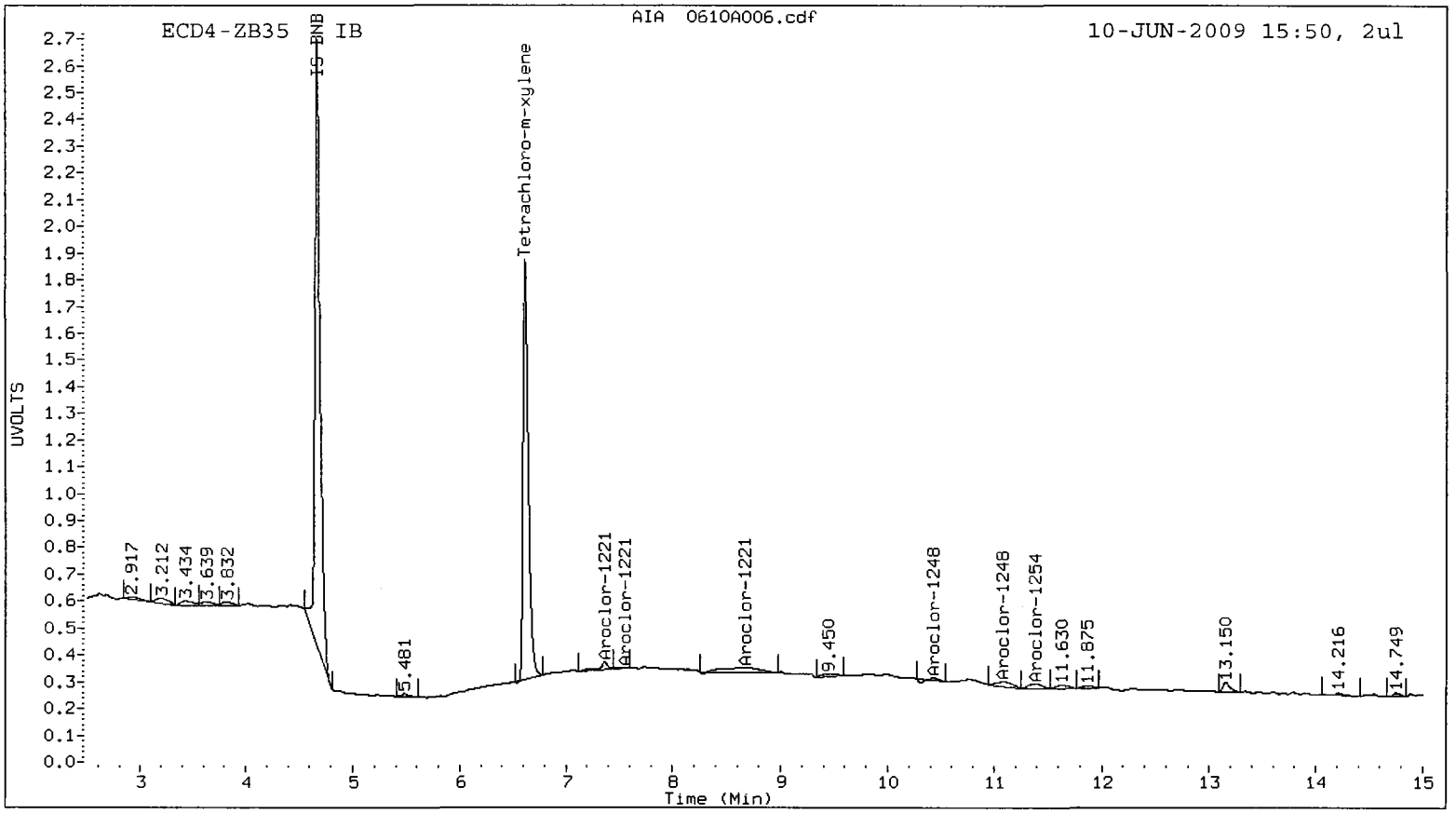
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1254
Aroclor-1260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IS-BNB
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Aroclor-1221
Aroclor-1248
Aroclor-1254

7F

PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: ZB5 Intrument: ECD4

Init. Calib. Date: 06/08/09

Date Analyzed :06/10/09

Lab Standard ID: AR1660 Time Analyzed :1612

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1016-1	8.22	8.12	8.32	234.2	250.0	-6.3
Aroclor-1016-2	8.87	8.77	8.97	232.6	250.0	-6.9
Aroclor-1016-3	9.00	8.90	9.10	249.5	250.0	-0.2
Aroclor-1016-4	9.30	9.20	9.40	252.5	250.0	1.0

AVERAGE %D = 3.6

Date Analyzed :06/10/09

Lab Standard ID: AR1660 Time Analyzed :1612

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	13.08	12.99	13.19	246.9	250.0	-1.2
Aroclor-1260-2	13.48	13.38	13.58	243.7	250.0	-2.5
Aroclor-1260-3	13.91	13.81	14.01	232.7	250.0	-6.9
Aroclor-1260-4	14.34	14.25	14.45	260.9	250.0	4.4
Aroclor-1260-5	14.54	14.44	14.64	271.8	250.0	8.7

AVERAGE %D = 4.7

7F

PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: ZB35 Intrument: ECD4

Init. Calib. Date: 06/05/09

Date Analyzed :06/10/09

Lab Standard ID: AR1660 Time Analyzed :1612

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1016-1	8.57	8.47	8.67	262.4	250.0	4.9
Aroclor-1016-2	9.31	9.22	9.42	240.0	250.0	-4.0
Aroclor-1016-3	9.57	9.47	9.67	266.7	250.0	6.7
Aroclor-1016-4	10.42	10.33	10.53	217.1	250.0	-13.2

AVERAGE %D = 7.2

Date Analyzed :06/10/09

Lab Standard ID: AR1660 Time Analyzed :1612

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	12.87	12.78	12.98	250.0	250.0	0.0
Aroclor-1260-2	13.68	13.58	13.78	258.5	250.0	3.4
Aroclor-1260-3	14.19	14.09	14.29	247.6	250.0	-1.0
Aroclor-1260-4	14.46	14.37	14.57	247.3	250.0	-1.1
Aroclor-1260-5	15.04	14.94	15.14	257.7	250.0	3.1

AVERAGE %D = 1.7

PC
6/11/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/0610-1.b/0610A007.d
Data file 2: 20090608.b/0610-2.b/0610A007.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660
Client ID: AR1660
Injection Date: 10-JUN-2009 16:12
Report Date: 06/11/2009 10:51
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.413	-0.004	5609793	6.613	-0.004	1754910	18.5	22.0	17.1	Tetrachloro-m-xylene
15.983	-0.002	2234657	16.454	-0.002	1451116	17.3	22.5	25.8	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	46.3	55.0
Decachlorobiphenyl	43.3	56.1

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	13384889	2.8
Hexabromobiphenyl	3208426	2927972	-8.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4276001	-10.0
Hexabromobiphenyl	1484240	1430383	-3.6

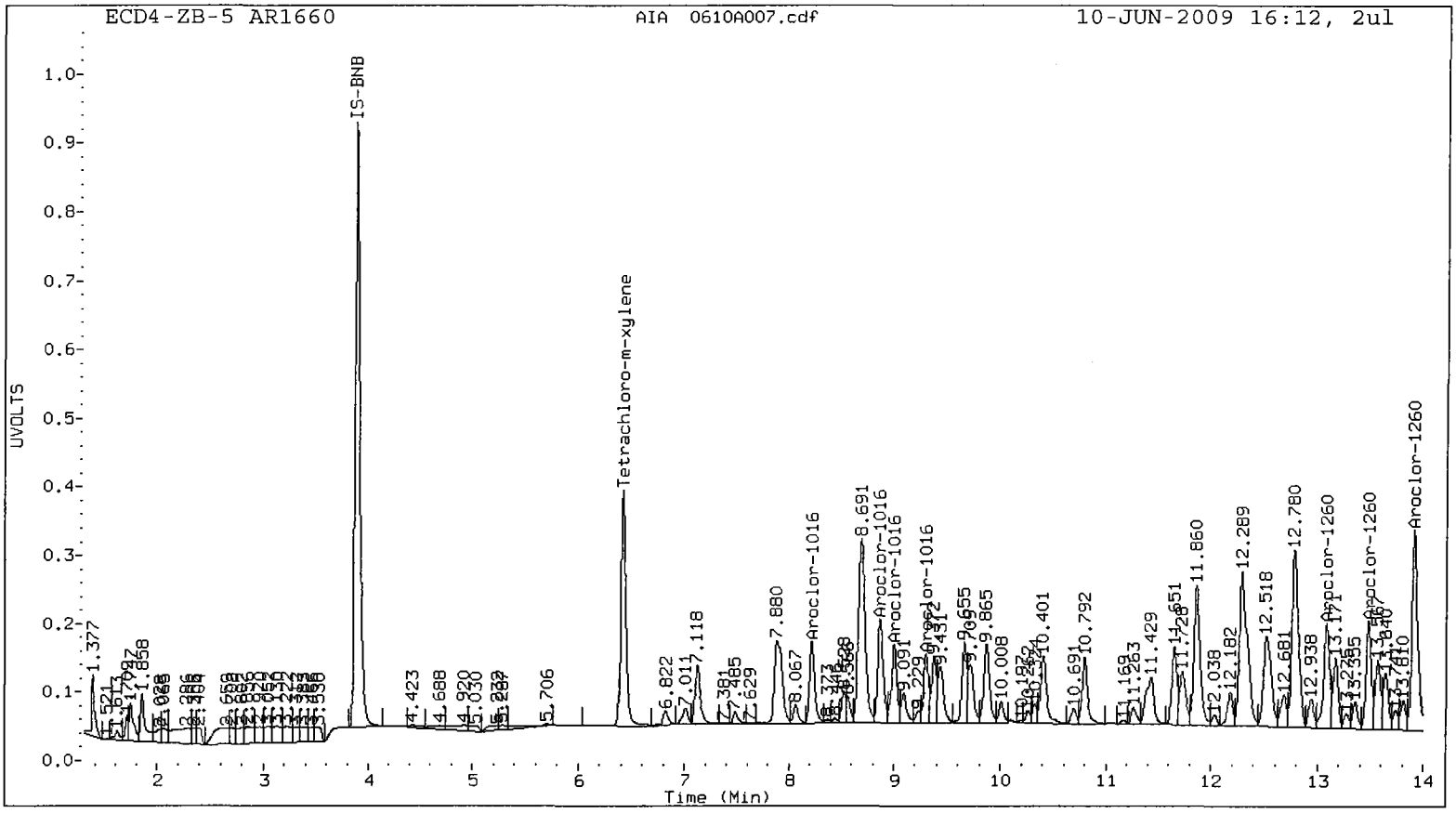
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

		ZB5 Col					ZB35 Col			
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	8.216	-0.005	2037314	234.2	1	8.567	-0.005	1279049	262.4
Aroclor-1016	2	8.867	-0.005	2768970	232.6	2	9.310	-0.007	1884206	240.0
Aroclor-1016	3	8.998	-0.005	2038553	249.5	3	9.568	-0.005	959730	266.7
Aroclor-1016	4	9.296	-0.005	1628384	252.5	4	10.421	-0.005	684530	217.1
Total Col1Ave (4 peaks):				242.2		Total Col2Ave (4 peaks):			246.5	RPD = 2
Corrected Ave (4 peaks):				242.2		Corrected Ave (4 peaks):			246.5	RPD = 2
Aroclor-1260	1	13.083	-0.004	2976533	246.9	1	12.870	-0.005	1381761	250.0
Aroclor-1260	2	13.479	-0.004	2749980	243.7	2	13.679	-0.004	754831	258.5
Aroclor-1260	3	13.910	-0.004	5733478	232.7	3	14.189	-0.003	772871	247.6
Aroclor-1260	4	14.345	-0.003	3146465	260.9	4	14.464	-0.003	1679186	247.3
Aroclor-1260	5	14.537	-0.003	1747277	271.8	5	15.041	-0.002	1098614	257.7
Total Col1Ave (5 peaks):				251.2		Total Col2Ave (5 peaks):			252.2	RPD = 0
Corrected Ave (5 peaks):				251.2		Corrected Ave (5 peaks):			252.2	RPD = 0

Total PCB Area Col1 (6.517 - 15.885) = 96945505 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 27023443 Col2 Total PCB = 0.4 ppm*

* Quantitated against AR1660 0.25ppm in Ical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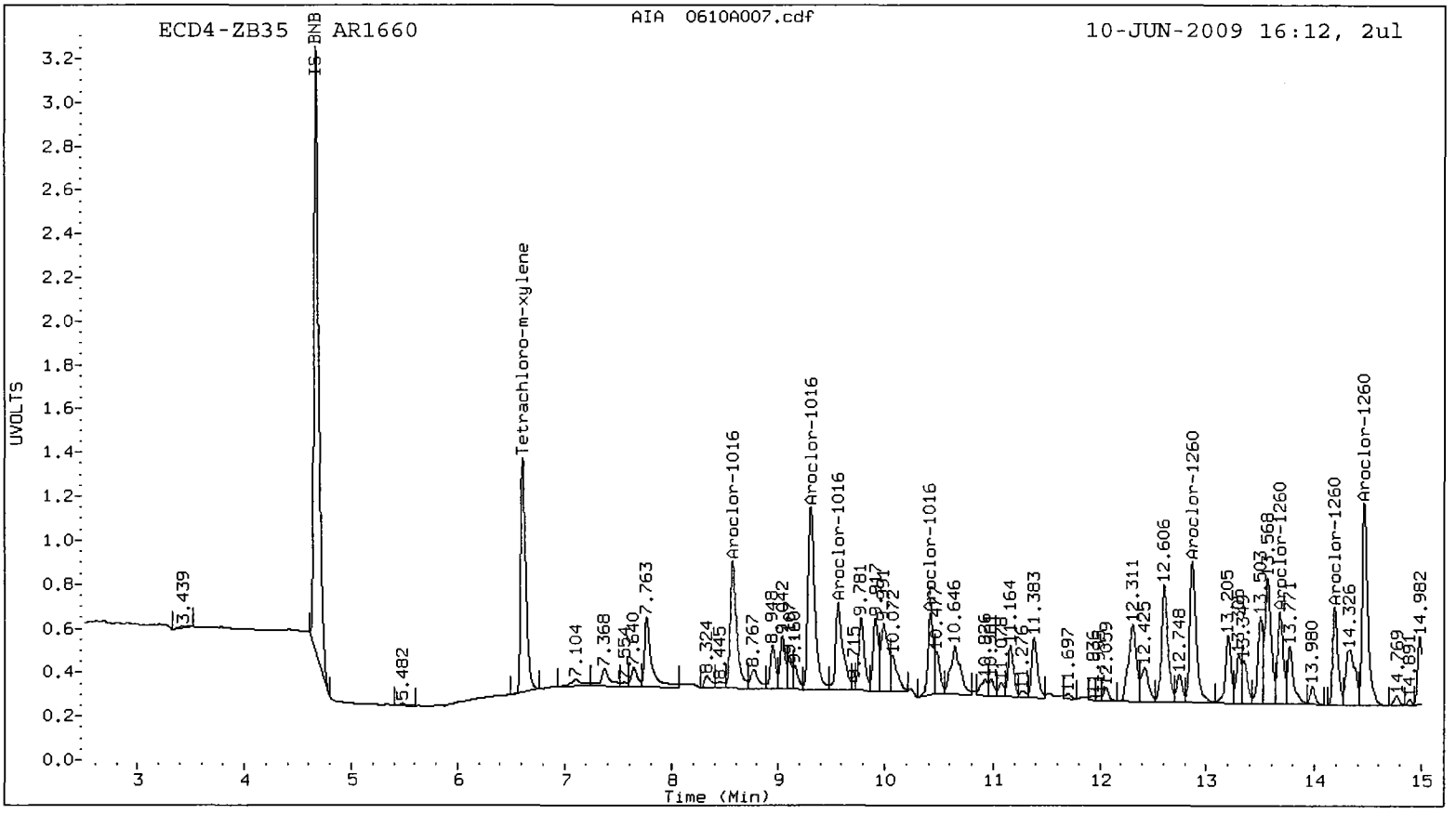
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
UVOLTS
Time (Min)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IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
UVOLTS
Time (Min)

7F

PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: ZB5 Intrument: ECD4

Init. Calib. Date: 06/08/09

Date Analyzed :06/10/09

Lab Standard ID: AR1248 Time Analyzed :1634

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1248-1	8.69	8.59	8.79	258.0	250.0	3.2
Aroclor-1248-2	9.30	9.20	9.40	259.1	250.0	3.6
Aroclor-1248-3	9.87	9.77	9.97	257.4	250.0	3.0
Aroclor-1248-4	10.39	10.29	10.49	252.0	250.0	0.8
Aroclor-1248-5	10.68	10.58	10.78	251.0	250.0	0.4

AVERAGE %D = 2.2

FORM VII PCB

7F

PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: ZB35 Intrument: ECD4

Init. Calib. Date: 06/05/09

Date Analyzed :06/10/09

Lab Standard ID: AR1248 Time Analyzed :1634

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1248-1	9.31	9.21	9.41	240.4	250.0	-3.8
Aroclor-1248-2	10.42	10.32	10.52	264.6	250.0	5.8
Aroclor-1248-3	10.98	10.89	11.09	262.5	250.0	5.0
Aroclor-1248-4	11.53	11.43	11.63	265.5	250.0	6.2

AVERAGE %D = 5.2

FORM VII PCB

PC
6/11/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/0610-1.b/0610A008.d
Data file 2: 20090608.b/0610-2.b/0610A008.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: AR1248
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: AR1248
Client ID: AR1248
Injection Date: 10-JUN-2009 16:34
Report Date: 06/11/2009 10:51
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.414	-0.003	6302068	6.614	-0.003	1955277	21.5	23.1	7.2	Tetrachloro-m-xylene
15.984	-0.001	2445172	16.454	-0.002	1514375	20.0	26.8	29.0	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	53.8	57.9
Decachlorobiphenyl	49.9	66.9

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	12931877	-0.6
Hexabromobiphenyl	3208426	2779855	-13.4

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4528071	-4.7
Hexabromobiphenyl	1484240	1252718	-15.6

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

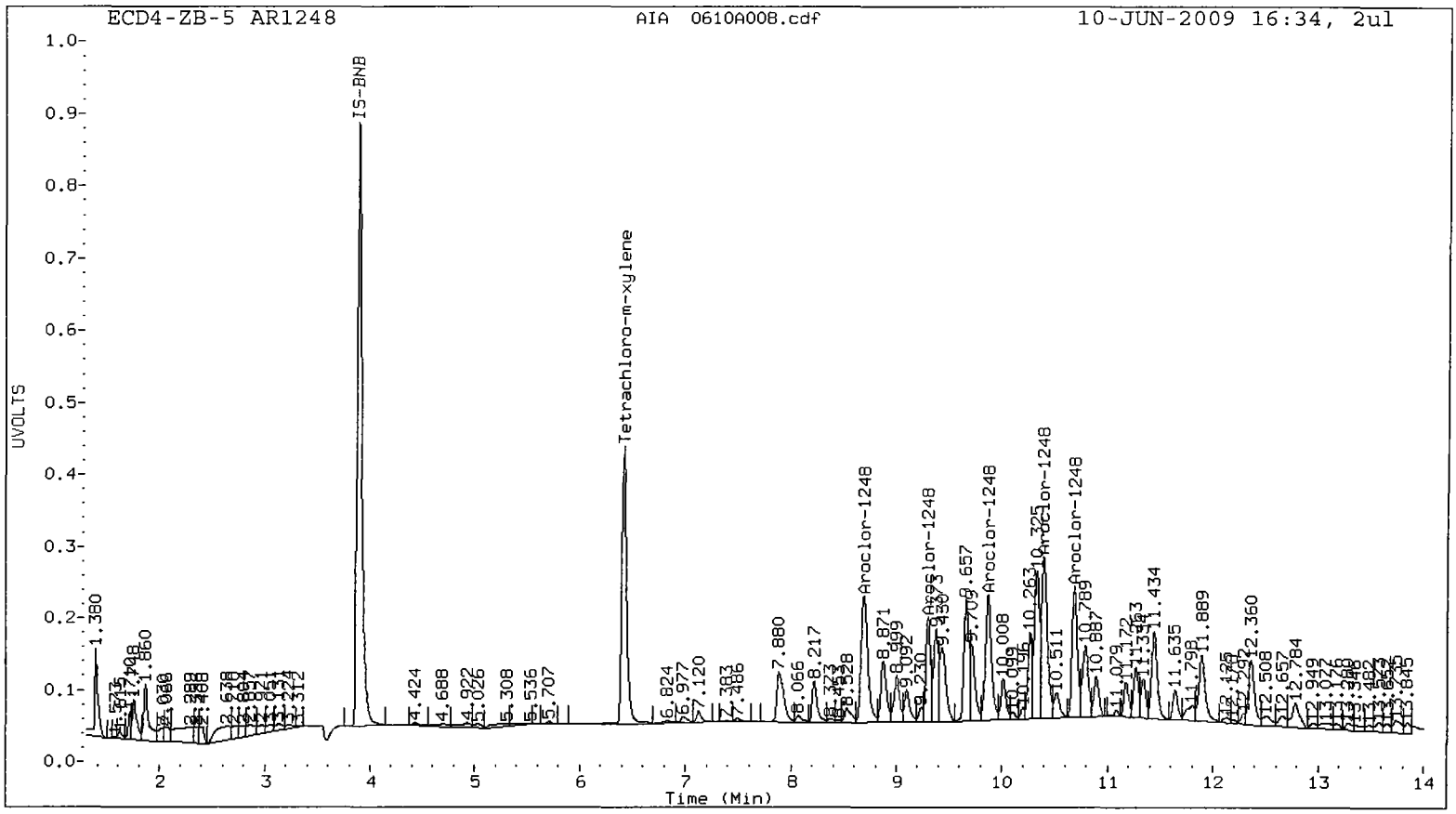
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1248	1	8.689	-0.003	3941971	258.0	1	9.310	-0.004	1167316	240.4
Aroclor-1248	2	9.297	-0.002	2327232	259.1	2	10.423	0.000	932982	264.6
Aroclor-1248	3	9.866	-0.002	3504868	257.4	3	10.984	-0.002	1025330	262.5
Aroclor-1248	4	10.390	-0.002	4447478	252.0	4	11.526	-0.003	1054451	265.5
Aroclor-1248	5	10.682	-0.002	3223744	251.0	NS	---			----
Total Col1Ave (5 peaks):					255.5	Total Col2Ave (4 peaks):			258.3	RPD = 1
Corrected Ave (5 peaks):					255.5	Corrected Ave (4 peaks):			258.3	RPD = 1

Total PCB Area Col1 (6.517 - 15.885) = 61781578 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 16165070 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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Tetrachloro-m-xylene
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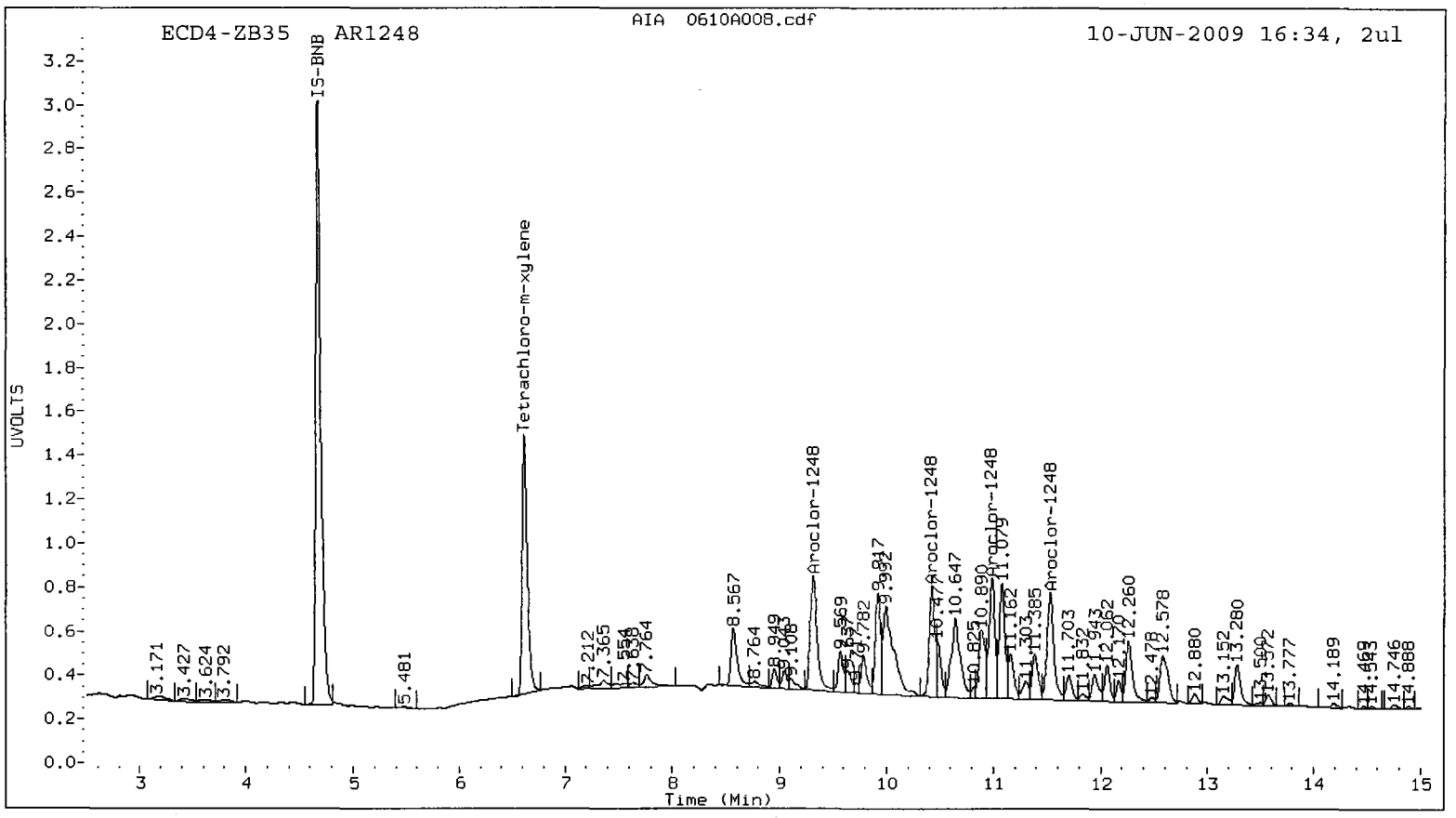
UVOLTS
Time (Min)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Tetrachloro-m-xylene
Aroclor-1248
UVOLTS
Time (Min)

7F

PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: ZB5 Intrument: ECD4

Init. Calib. Date: 06/08/09

Date Analyzed :06/10/09

Lab Standard ID: AR1242 Time Analyzed :2038

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1242-1	8.22	8.12	8.32	238.3	250.0	-4.7
Aroclor-1242-2	8.69	8.59	8.79	239.0	250.0	-4.4
Aroclor-1242-3	8.87	8.77	8.97	233.9	250.0	-6.4
Aroclor-1242-4	9.87	9.77	9.97	229.5	250.0	-8.2

AVERAGE %D = 5.9

FORM VII PCB

7F

PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: ZB35 Intrument: ECD4

Init. Calib. Date: 06/05/09

Date Analyzed :06/10/09

Lab Standard ID: AR1242 Time Analyzed :2038

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1242-1	7.76	7.67	7.87	235.2	250.0	-5.9
Aroclor-1242-2	8.57	8.47	8.67	218.5	250.0	-12.6
Aroclor-1242-3	9.31	9.22	9.42	230.8	250.0	-7.7
Aroclor-1242-4	9.78	9.69	9.89	240.9	250.0	-3.6
Aroclor-1242-5	11.53	11.43	11.63	245.0	250.0	-2.0

AVERAGE %D = 6.4

FORM VII PCB

PC 6/11/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/0610-1.b/0610A019.d
Data file 2: 20090608.b/0610-2.b/0610A019.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: AR1242
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: AR1242
Client ID: AR1242
Injection Date: 10-JUN-2009 20:38
Report Date: 06/11/2009 10:51
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
6.415	-0.002	8011701	6.614	-0.003	1678960	21.5	21.8	1.1	Tetrachloro-m-xylene
15.986	0.001	1796626	16.454	-0.002	1190790	16.0	20.8	26.0	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	53.8	54.4
Decachlorobiphenyl	40.1	52.0

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	16453192	26.4
Hexabromobiphenyl	3208426	2546306	-20.6

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4135146	-13.0
Hexabromobiphenyl	1484240	1266467	-14.7

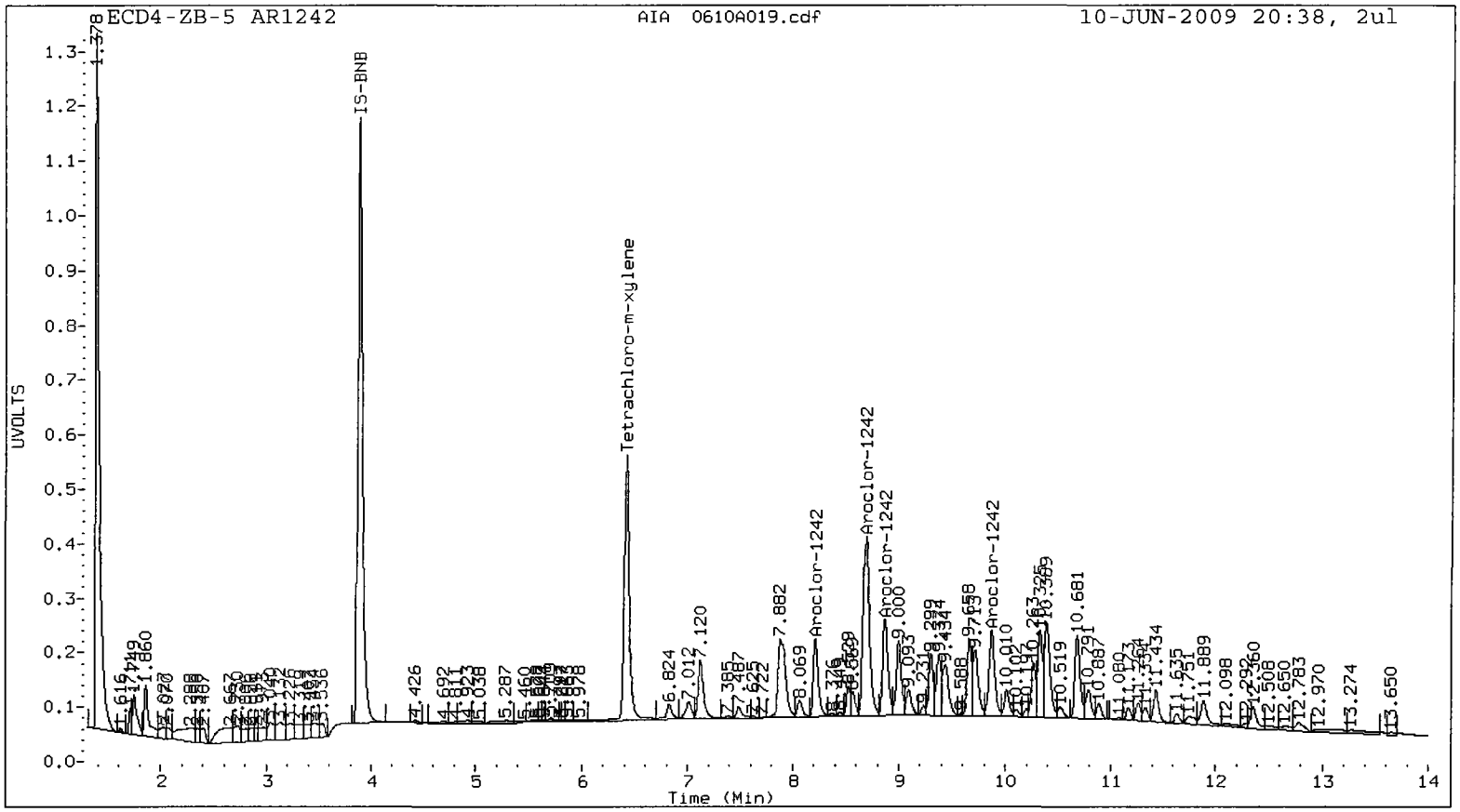
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1242	1	8.218	-0.001	2377162	238.3	1	7.764	-0.003	499782	235.2
Aroclor-1242	2	8.693	-0.002	7057788	239.0	2	8.569	-0.003	899918	218.5
Aroclor-1242	3	8.869	-0.001	3147597	233.9	3	9.313	-0.004	1646842	230.8
Aroclor-1242	4	9.867	-0.001	3025671	229.5	4	9.782	-0.003	505636	240.9
Aroclor-1242	NS	---			----	5	11.527	-0.005	572232	245.0
	Total Col1Ave (4 peaks):				235.2	Total Col2Ave (5 peaks):			234.1	RPD = 0
	Corrected Ave (4 peaks):				235.2	Corrected Ave (5 peaks):			234.1	RPD = 0

Total PCB Area Col1 (6.517 - 15.885) = 59103344 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 12218149 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical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Tetrachloro-m-xylene
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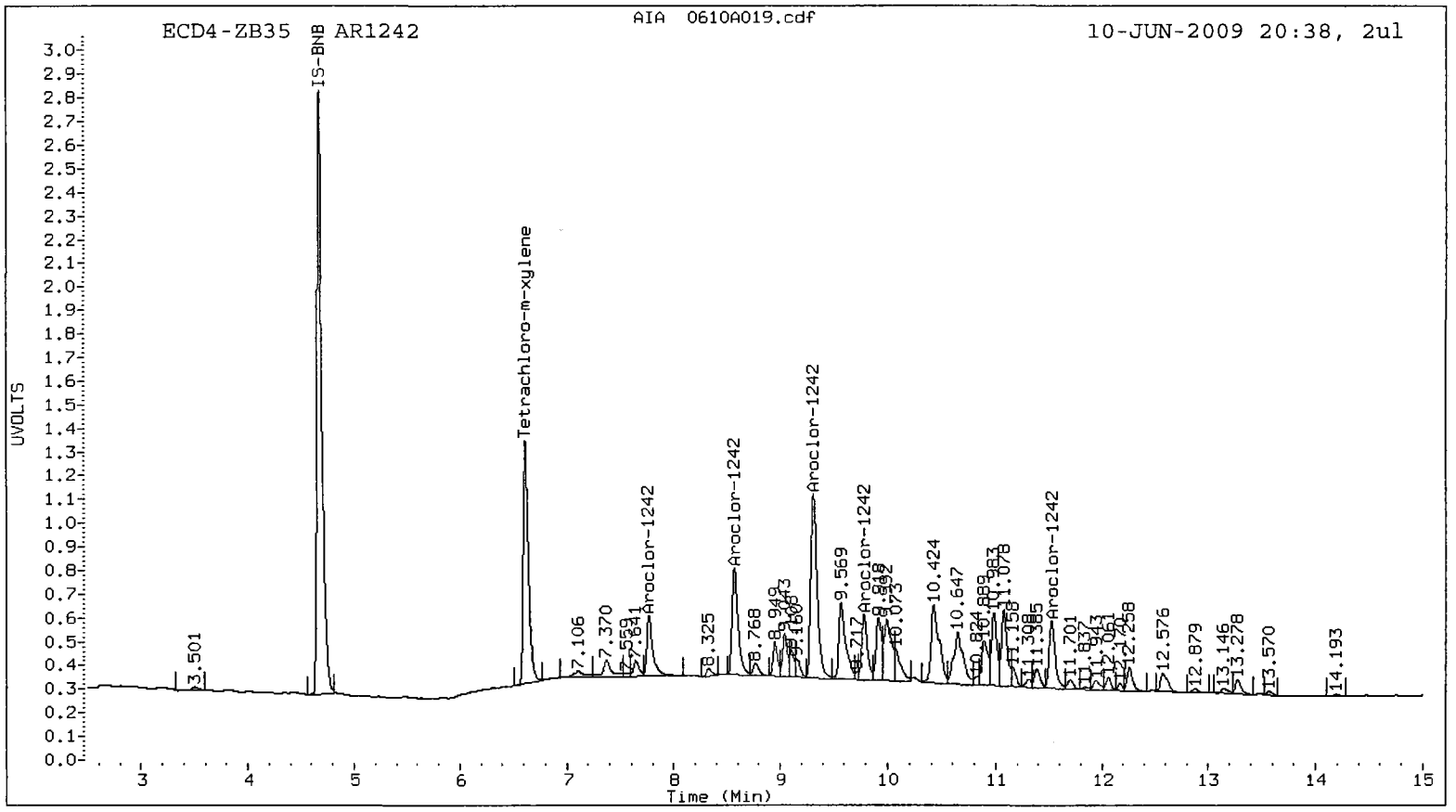
UVOLTS
Time (Min)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Tetrachloro-m-xylene
Aroclor-1242
UVOLTS
Time (Min)

7F

PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: ZB5 Intrument: ECD4

Init. Calib. Date: 06/08/09

Date Analyzed :06/10/09

Lab Standard ID: AR1660 Time Analyzed :2100

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1016-1	8.22	8.12	8.32	221.2	250.0	-11.5
Aroclor-1016-2	8.87	8.77	8.97	219.9	250.0	-12.0
Aroclor-1016-3	9.00	8.90	9.10	237.1	250.0	-5.1
Aroclor-1016-4	9.30	9.20	9.40	240.4	250.0	-3.8

AVERAGE %D = 8.1

Date Analyzed :06/10/09

Lab Standard ID: AR1660 Time Analyzed :2100

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	13.09	12.99	13.19	272.2	250.0	8.9
Aroclor-1260-2	13.48	13.38	13.58	256.2	250.0	2.5
Aroclor-1260-3	13.91	13.81	14.01	222.5	250.0	-11.0
Aroclor-1260-4	14.35	14.25	14.45	237.5	250.0	-5.0
Aroclor-1260-5	14.54	14.44	14.64	233.0	250.0	-6.8

AVERAGE %D = 6.8

7F

PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL, LLC

ARI Job No.: PB06 Project: BAY WOOD PRODUCTS

GC Column: ZB35 Intrument: ECD4

Init. Calib. Date: 06/05/09

Date Analyzed :06/10/09

Lab Standard ID: AR1660 Time Analyzed :2100

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1016-1	8.57	8.47	8.67	235.3	250.0	-5.9
Aroclor-1016-2	9.31	9.22	9.42	220.2	250.0	-11.9
Aroclor-1016-3	9.57	9.47	9.67	264.2	250.0	5.7
Aroclor-1016-4	10.42	10.33	10.53	215.7	250.0	-13.7

AVERAGE %D = 9.3

Date Analyzed :06/10/09

Lab Standard ID: AR1660 Time Analyzed :2100

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	12.87	12.78	12.98	230.3	250.0	-7.9
Aroclor-1260-2	13.68	13.58	13.78	232.4	250.0	-7.0
Aroclor-1260-3	14.19	14.09	14.29	218.6	250.0	-12.6
Aroclor-1260-4	14.47	14.37	14.57	220.7	250.0	-11.7
Aroclor-1260-5	15.04	14.94	15.14	224.8	250.0	-10.1

AVERAGE %D = 9.9

PC 6/11/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/0610-1.b/0610A020.d
Data file 2: 20090608.b/0610-2.b/0610A020.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660
Client ID: AR1660
Injection Date: 10-JUN-2009 21:00
Report Date: 06/11/2009 10:51
Matrix: NONE
Dilution Factor: 1.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
6.416	-0.001	8748715	6.615	-0.002	1825932	18.1	19.4	7.2	Tetrachloro-m-xylene
15.986	0.000	2120815	16.455	-0.001	1274926	14.6	18.0	20.7	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	45.2	48.6
Decachlorobiphenyl	36.5	44.9

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	21377461	64.3
Hexabromobiphenyl	3208426	3298532	2.8

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	5035984	6.0
Hexabromobiphenyl	1484240	1570328	5.8

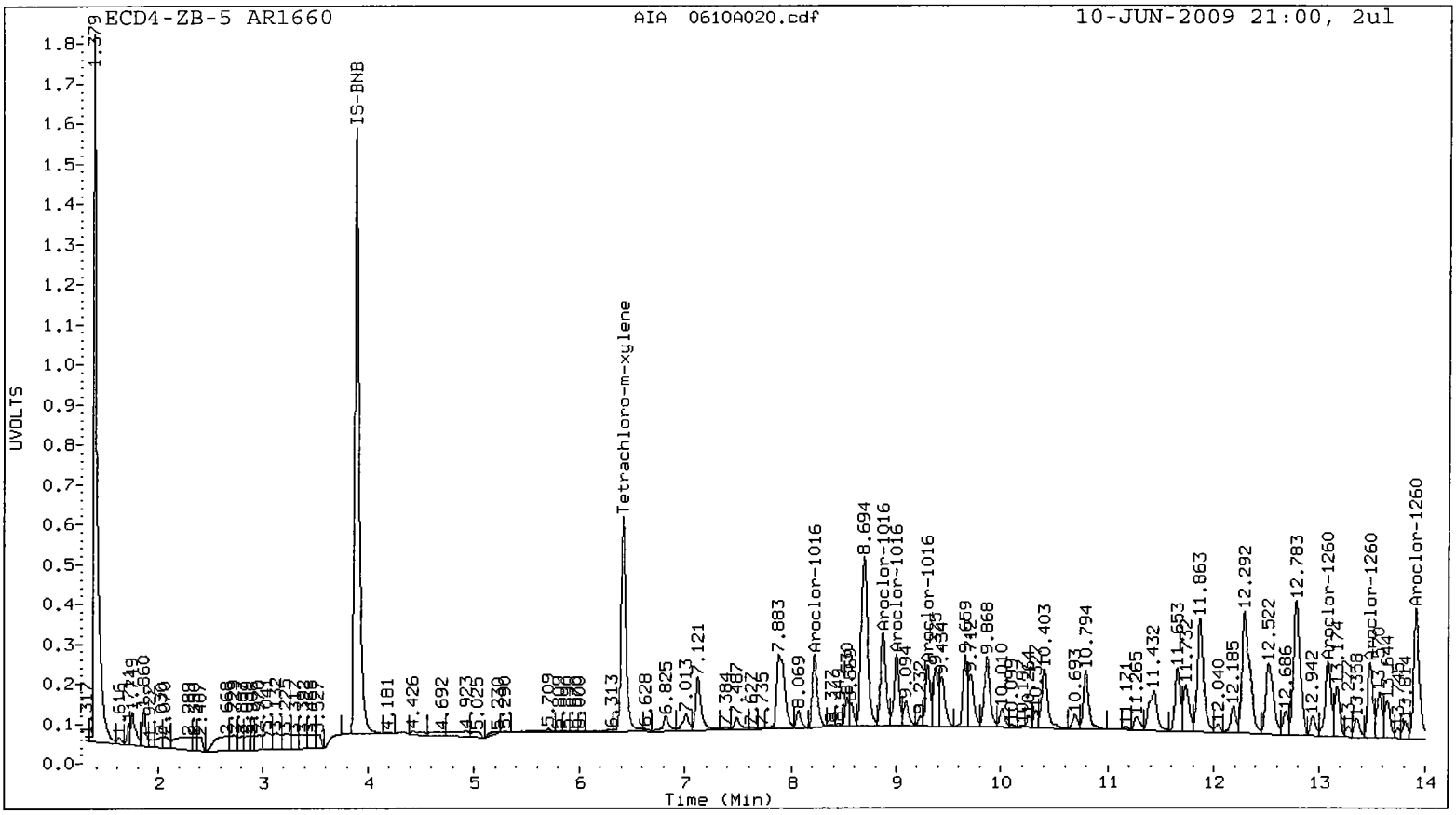
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	8.219	-0.002	3072989	221.2	1	8.570	-0.003	1351067	235.3
Aroclor-1016	2	8.870	-0.003	4179811	219.9	2	9.312	-0.006	2035283	220.2
Aroclor-1016	3	9.000	-0.003	3094150	237.1	3	9.569	-0.004	1119709	264.2
Aroclor-1016	4	9.299	-0.002	2476047	240.4	4	10.423	-0.002	801097	215.7
Total Col1Ave (4 peaks):					229.7	Total Col2Ave (4 peaks):				233.8 RPD = 2
Corrected Ave (4 peaks):					229.7	Corrected Ave (4 peaks):				233.8 RPD = 2
Aroclor-1260	1	13.087	0.000	3695634	272.2	1	12.872	-0.003	1397250	230.3
Aroclor-1260	2	13.482	-0.001	3256693	256.2	2	13.681	-0.002	744950	232.4
Aroclor-1260	3	13.914	-0.001	6176016	222.5	3	14.190	-0.002	749029	218.6
Aroclor-1260	4	14.346	-0.001	3226036	237.5	4	14.466	-0.002	1645866	220.7
Aroclor-1260	5	14.541	0.000	1687159	233.0	5	15.042	-0.001	1052250	224.8
Total Col1Ave (5 peaks):					244.3	Total Col2Ave (5 peaks):				225.4 RPD = 8
Corrected Ave (5 peaks):					244.3	Corrected Ave (5 peaks):				225.4 RPD = 8

Total PCB Area Col1 (6.517 - 15.885) = 128230656 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 28229978 Col2 Total PCB = 0.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical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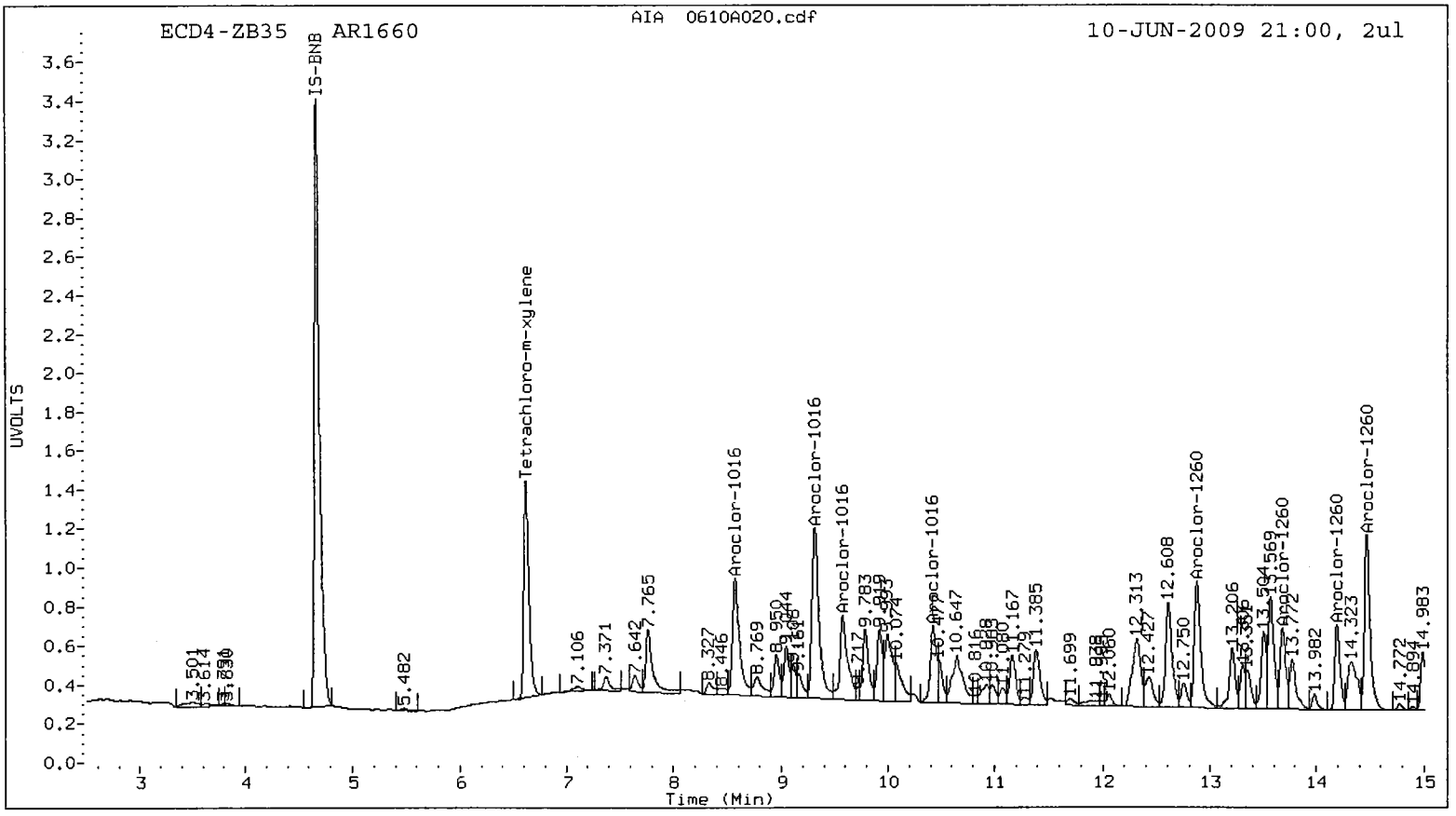
10-JUN-2009 21:00, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260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10-JUN-2009 21:00, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260

PCB Analysis
QC Raw Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: MB-060809
METHOD BLANK

Lab Sample ID: MB-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 16:56
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	2.0	< 2.0 U
53469-21-9	Aroclor 1242	2.0	< 2.0 U
12672-29-6	Aroclor 1248	2.0	< 2.0 U
11097-69-1	Aroclor 1254	2.0	< 2.0 U
11096-82-5	Aroclor 1260	2.0	< 2.0 U
11104-28-2	Aroclor 1221	2.0	< 2.0 U
11141-16-5	Aroclor 1232	2.0	< 2.0 U
37324-23-5	Aroclor 1262	2.0	< 2.0 U
11100-14-4	Aroclor 1268	2.0	< 2.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	86.8%
Tetrachlorometaxylene	84.8%

PC
6/11/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/0610-1.b/0610A009.d
Data file 2: 20090608.b/0610-2.b/0610A009.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: PB06MBS1
Client ID: PB06MBS1
Injection Date: 10-JUN-2009 16:56
Report Date: 06/11/2009 10:51
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	Shift	Response	ZB35 Col RT	Shift	Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.413	-0.003	8683518	6.614	-0.003	2651889	30.7	33.9	9.9	Tetrachloro-m-xylene
15.984	-0.001	3957866	16.454	-0.001	2259637	25.9	34.7	28.9	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	76.7	84.6
Decachlorobiphenyl	64.8	86.7

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	12515782	-3.8
Hexabromobiphenyl	3208426	3466228	8.0

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4198222	-11.7
Hexabromobiphenyl	1484240	1442762	-2.8

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

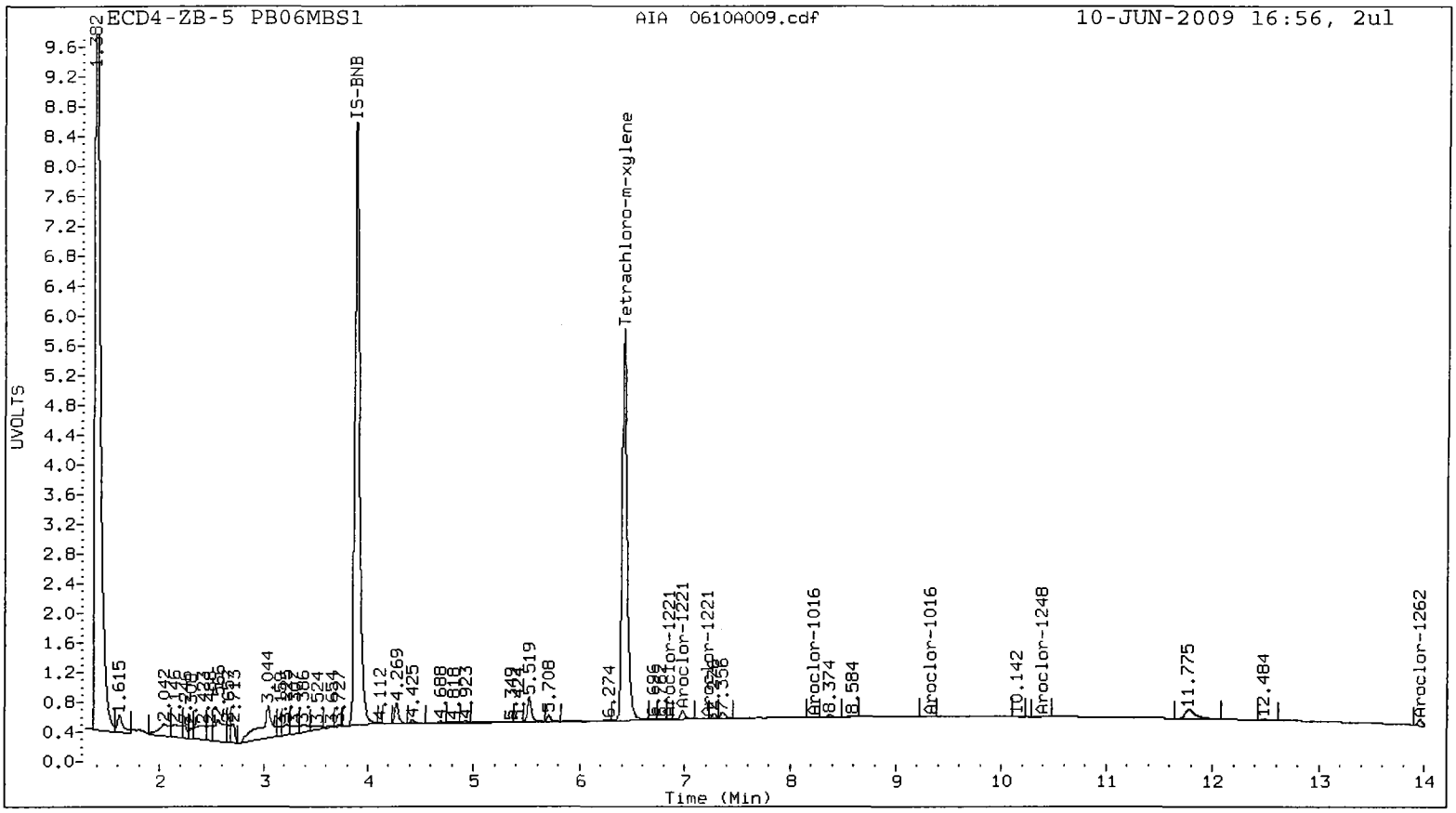
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	8.224	0.003	13252	1.6	1	---			0.0
Aroclor-1016	2	---			0.0	2	---			0.0
Aroclor-1016	3	---			0.0	3	---			0.0
Aroclor-1016	4	9.319	0.018	18223	3.0	4	---			0.0
		Col1Ave: <3 Quant Peaks				Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	6.855	0.027	15988	1.3	1	7.364	-0.008	64442	12.6
Aroclor-1221	2	6.976	-0.039	198670	25.5	2	7.638	-0.005	31670	10.4
Aroclor-1221	3	7.213	0.089	13970	0.6	3	7.772	0.005	46359	4.5
Aroclor-1221	NS	---			----	4	---			0.0
		Total Col1Ave (3 peaks):		9.1		Total Col2Ave (3 peaks):			9.2	RPD = 0
		Corrected Ave: < 3 Peaks				Corrected Ave (3 peaks):			9.2	
Aroclor-1232	1	7.213	0.090	13970	1.4	1	7.364	-0.009	64442	48.7
Aroclor-1232	2	8.224	0.004	13252	2.4	2	7.772	0.004	46359	13.0
Aroclor-1232	3	---			0.0	3	---			0.0
Aroclor-1232	4	---			0.0	4	---			0.0
		Col1Ave: <3 Quant Peaks				Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.0	1	---			0.0
Aroclor-1242	2	---			0.0	2	---			0.0
Aroclor-1242	3	---			0.0	3	---			0.0
Aroclor-1242	4	---			0.0	4	---			0.0
Aroclor-1242	NS	---			----	5	---			0.0
		Col1Ave: <3 Quant Peaks				Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.0	1	---			0.0
Aroclor-1248	2	9.319	0.019	18223	2.1	2	---			0.0
Aroclor-1248	3	---			0.0	3	---			0.0
Aroclor-1248	4	10.382	-0.011	21520	1.3	4	---			0.0
Aroclor-1248	5	---			0.0	NS	---			----
		Col1Ave: <3 Quant Peaks				Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	---			0.0	1	---			0.0
Aroclor-1254	2	---			0.0	2	---			0.0
Aroclor-1254	3	---			0.0	3	---			0.0
Aroclor-1254	4	---			0.0	4	---			0.0
Aroclor-1254	5	---			0.0	5	---			0.0
		Col1Ave: <3 Quant Peaks				Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	---			0.0	1	---			0.0
Aroclor-1260	2	---			0.0	2	---			0.0
Aroclor-1260	3	---			0.0	3	---			0.0
Aroclor-1260	4	---			0.0	4	---			0.0
Aroclor-1260	5	---			0.0	5	---			0.0
		Col1Ave: <3 Quant Peaks				Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	---			0.0	1	---			0.0
Aroclor-1262	2	13.958	0.042	161357	3.4	2	---			0.0
Aroclor-1262	3	---			0.0	3	---			0.0
Aroclor-1262	4	---			0.0	4	14.949	-0.094	13692	1.4
Aroclor-1262	5	15.178	-0.007	52863	3.9	5	15.764	0.066	26828	5.0
		Col1Ave: <3 Quant Peaks				Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	---			0.0	1	14.949	-0.034	13692	1.6
Aroclor-1268	2	---			0.0	2	---			0.0
Aroclor-1268	3	15.012	0.091	17585	0.9	3	---			0.0
Aroclor-1268	4	15.631	-0.005	447513	11.5	4	16.110	-0.002	26894	1.3
		Col1Ave: <3 Quant Peaks				Col2Ave: <3 Quant Peaks				

Total PCB Area Col1 (6.517 - 15.885) = 2565381 Col1 Total PCB = 0.0 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 705328 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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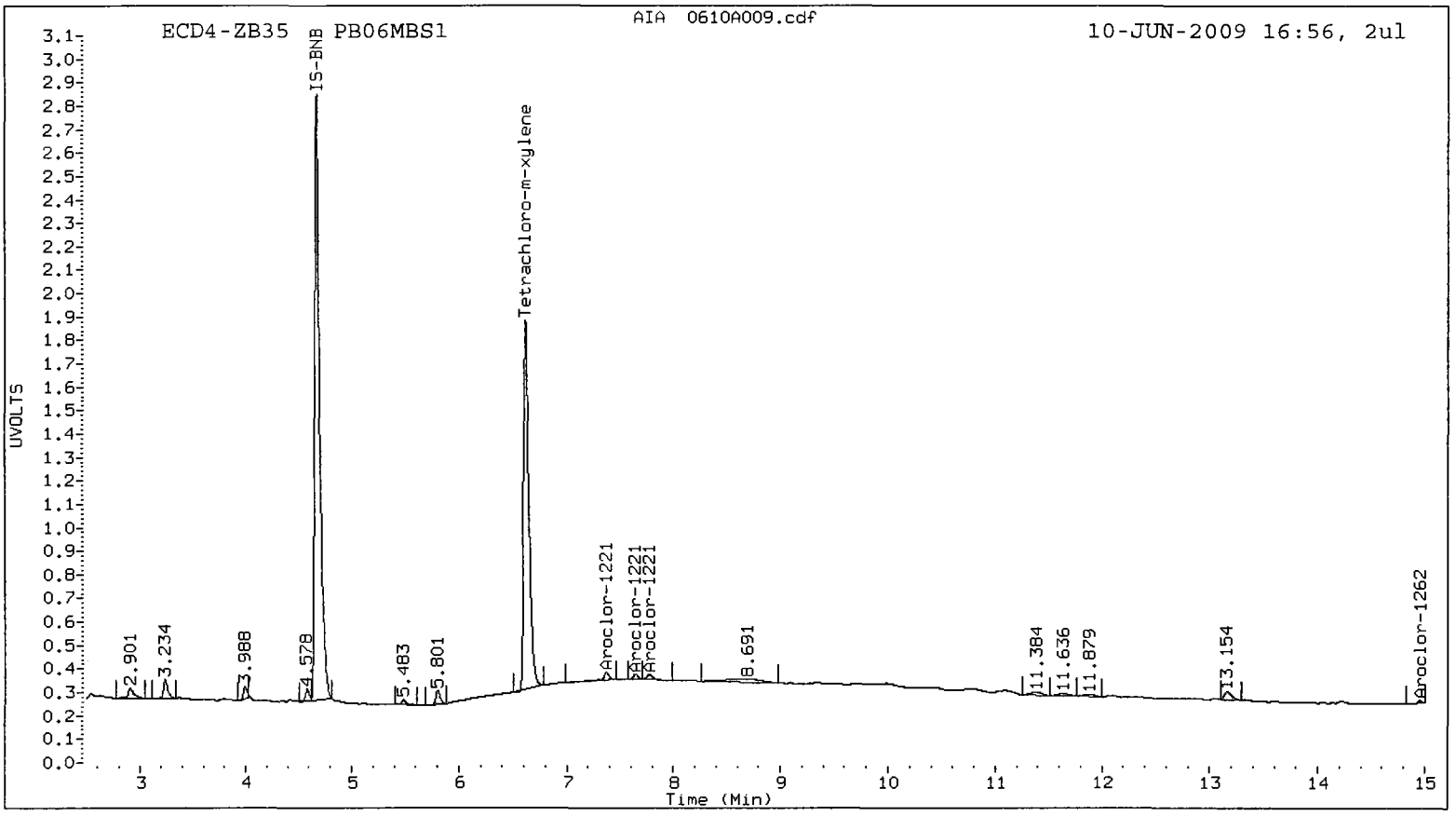
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1248
Aroclor-1262
UVOLTS
Time (Min)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10-JUN-2009 16:56, 2ul
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1262
UVOLTS
Time (Min)

PC
6/11/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/0610-1.b/0610A010.d
Data file 2: 20090608.b/0610-2.b/0610A010.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: PB06LCSS1
Client ID: PB06LCSS1
Injection Date: 10-JUN-2009 17:18
Report Date: 06/11/2009 10:51
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.414	-0.003	8697447	6.614	-0.003	2636874	27.7	30.2	8.4	Tetrachloro-m-xylene
15.984	-0.002	4076232	16.454	-0.002	2280579	23.9	31.4	27.2	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	69.4	75.5
Decachlorobiphenyl	59.7	78.6

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	13854753	6.5
Hexabromobiphenyl	3208426	3872808	20.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4681246	-1.5
Hexabromobiphenyl	1484240	1606339	8.2

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	8.216	-0.005	3348928	372.0	1	8.569	-0.004	1752402	328.3
Aroclor-1016	2	8.868	-0.004	4398503	357.0	2	9.314	-0.003	3208812	373.4
Aroclor-1016	3	8.999	-0.004	3315227	392.0	3	9.568	-0.005	1414260	358.9
Aroclor-1016	4	9.297	-0.004	2595577	388.8	4	10.422	-0.004	1030726	298.6
	Total Col1Ave (4 peaks):				377.5	Total Col2Ave (4 peaks):				339.8 RPD = 11
	Corrected Ave (4 peaks):				377.5	Corrected Ave (4 peaks):				339.8 RPD = 11
Aroclor-1221	1	6.823	-0.005	599216	44.6	1	7.370	-0.002	279786	49.0
Aroclor-1221	2	7.011	-0.004	752428	87.1	2	7.641	-0.002	201341	59.5
Aroclor-1221	3	7.119	-0.004	2401947	97.4	3	7.764	-0.002	860374	74.8
Aroclor-1221	NS	---			----	4	8.569	-0.012	1752402	421.5
	Total Col1Ave (3 peaks):				76.4	Total Col2Ave (4 peaks):				151.2 RPD = 66*
	Corrected Ave (3 peaks):				76.4	Corrected Ave (3 peaks):				61.1 RPD = 22
Aroclor-1232	1	7.119	-0.004	2401947	220.9	1	7.370	-0.003	279786	189.6
Aroclor-1232	2	8.216	-0.004	3348928	537.3	2	7.764	-0.003	860374	215.6
Aroclor-1232	3	8.692	-0.003	9373523	493.8	3	8.569	-0.005	1752402	471.6
Aroclor-1232	4	8.868	-0.003	4398503	513.3	4	9.314	-0.003	3208812	546.9
	Total Col1Ave (4 peaks):				441.3	Total Col2Ave (4 peaks):				355.9 RPD = 21
	Corrected Ave (4 peaks):				441.3	Corrected Ave (4 peaks):				355.9 RPD = 21
Aroclor-1242	1	8.216	-0.003	3348928	398.7	1	7.764	-0.003	860374	357.7
Aroclor-1242	2	8.692	-0.003	9373523	377.0	2	8.569	-0.003	1752402	375.8
Aroclor-1242	3	8.868	-0.002	4398503	388.2	3	9.314	-0.003	3208812	397.2
Aroclor-1242	4	9.866	-0.003	3985914	359.0	4	9.782	-0.004	944270	397.3
Aroclor-1242	NS	---			----	5	11.525	-0.007	62702	23.7
	Total Col1Ave (4 peaks):				380.7	Total Col2Ave (5 peaks):				310.3 RPD = 20
	Corrected Ave (4 peaks):				380.7	Corrected Ave (5 peaks):				310.3 RPD = 20
Aroclor-1248	1	8.692	0.000	9373523	572.6	1	9.314	0.000	3208812	639.1
Aroclor-1248	2	9.297	-0.003	2595577	269.7	2	10.422	-0.001	1030726	282.8
Aroclor-1248	3	9.866	-0.003	3985914	273.2	3	10.982	-0.004	207207	51.3
Aroclor-1248	4	10.402	0.010	3406863	180.2	4	11.525	-0.005	62702	15.3
Aroclor-1248	5	10.692	0.008	685110	49.8	NS	---			----
	Total Col1Ave (5 peaks):				269.1	Total Col2Ave (4 peaks):				247.1 RPD = 9
	Corrected Ave (4 peaks):				193.2	Corrected Ave (3 peaks):				116.5 RPD = 50*
Aroclor-1254	1	10.402	-0.002	3406863	204.6	1	11.165	-0.003	654131	184.5
Aroclor-1254	2	10.794	0.001	3243880	159.9	2	11.384	-0.004	792708	168.3
Aroclor-1254	3	11.259	-0.004	766557	59.4	3	12.311	0.047	1418151	208.7
Aroclor-1254	4	11.431	-0.005	3272532	135.6	4	12.608	0.020	1716634	244.8
Aroclor-1254	5	12.782	-0.004	9750868	429.2	5	13.568	-0.004	1759107	401.1
	Total Col1Ave (5 peaks):				197.7	Total Col2Ave (5 peaks):				241.5 RPD = 20
	Corrected Ave (4 peaks):				139.9	Corrected Ave (5 peaks):				241.5 RPD = 53*
Aroclor-1260	1	13.085	-0.003	5048609	316.7	1	12.871	-0.005	2117786	341.2
Aroclor-1260	2	13.481	-0.003	4761276	319.0	2	13.680	-0.004	1208616	368.6
Aroclor-1260	3	13.912	-0.002	10014790	307.3	3	14.189	-0.003	1235720	352.5
Aroclor-1260	4	14.345	-0.002	5035430	315.7	4	14.464	-0.003	2797722	366.8
Aroclor-1260	5	14.539	-0.002	2701188	317.7	5	15.041	-0.001	1838288	384.0
	Total Col1Ave (5 peaks):				315.3	Total Col2Ave (5 peaks):				362.6 RPD = 14
	Corrected Ave (5 peaks):				315.3	Corrected Ave (5 peaks):				362.6 RPD = 14
Aroclor-1262	1	13.481	-0.003	4761276	179.1	1	12.871	-0.003	2117786	294.3
Aroclor-1262	2	13.912	-0.003	10014790	189.0	2	13.680	-0.003	1208616	143.2
Aroclor-1262	3	14.345	-0.004	5035430	276.9	3	14.464	-0.002	2797722	187.9
Aroclor-1262	4	14.539	-0.002	2701188	118.0	4	15.041	-0.002	1838288	169.9
Aroclor-1262	5	15.181	-0.003	2046432	134.8	5	15.696	-0.001	718530	120.6
	Total Col1Ave (5 peaks):				179.6	Total Col2Ave (5 peaks):				183.2 RPD = 2
	Corrected Ave (5 peaks):				179.6	Corrected Ave (5 peaks):				183.2 RPD = 2
Aroclor-1268	1	14.464	-0.003	2074388	65.7	1	14.982	-0.001	632837	67.6
Aroclor-1268	2	14.539	0.000	2701188	77.6	2	15.041	-0.003	1838288	142.2
Aroclor-1268	3	14.934	0.013	1276785	56.9	3	15.414	-0.002	44465	5.3

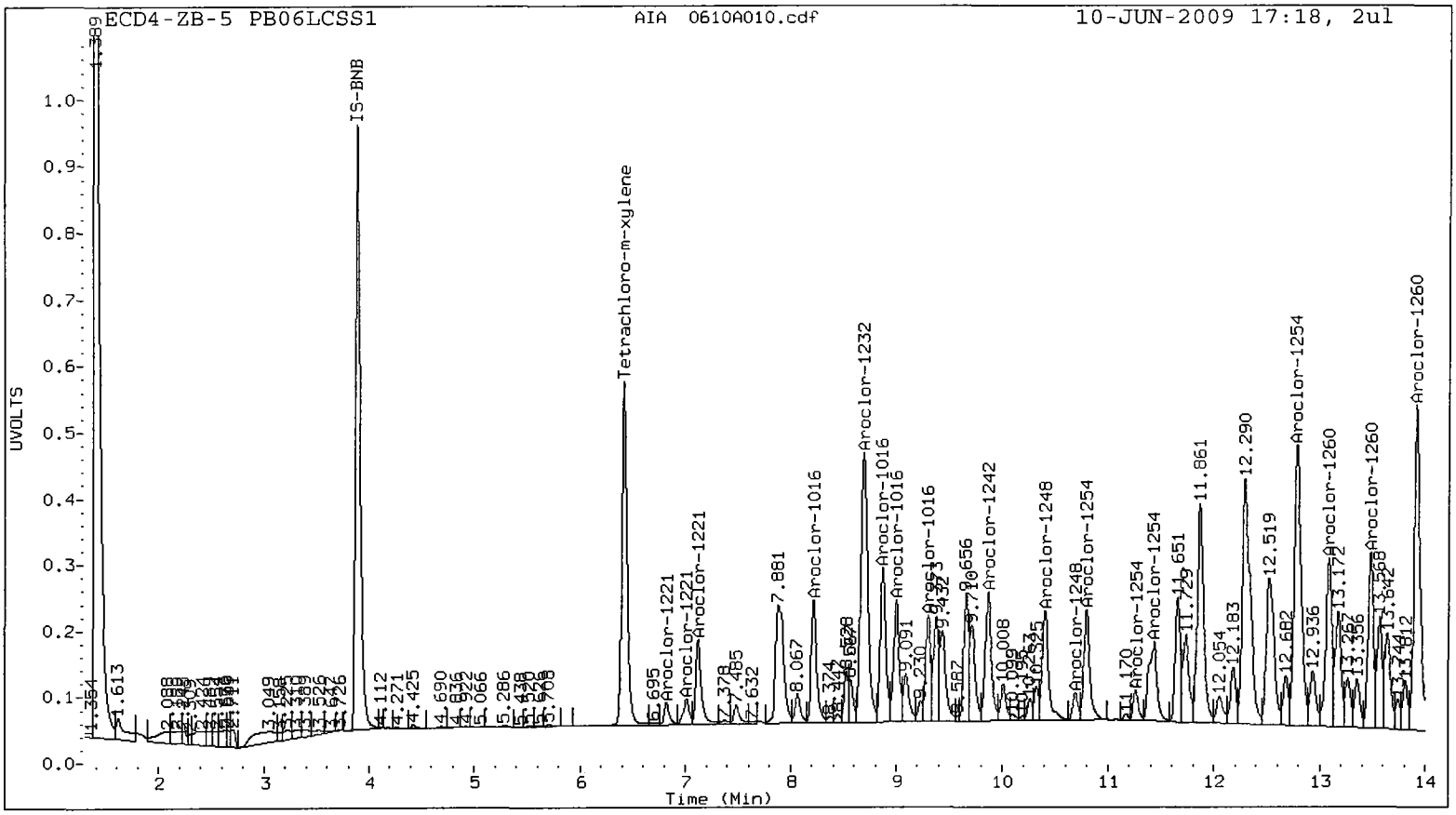
Aroclor-1268	4	15.632	-0.004	949751	21.8	4	16.111	-0.001	210307	9.3	
Total Col1Ave (4 peaks):				55.5	Total Col2Ave (4 peaks):				56.1	RPD =	1
Corrected Ave (4 peaks):				55.5	Corrected Ave (3 peaks):				27.4	RPD =	68*

Total PCB Area Col1 (6.517 - 15.885) = 159652739 Col1 Total PCB = 0.5 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 41016706 Col2 Total PCB = 0.5 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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Time (Min)
IS-BNB
Tetrachloro-m-xylene
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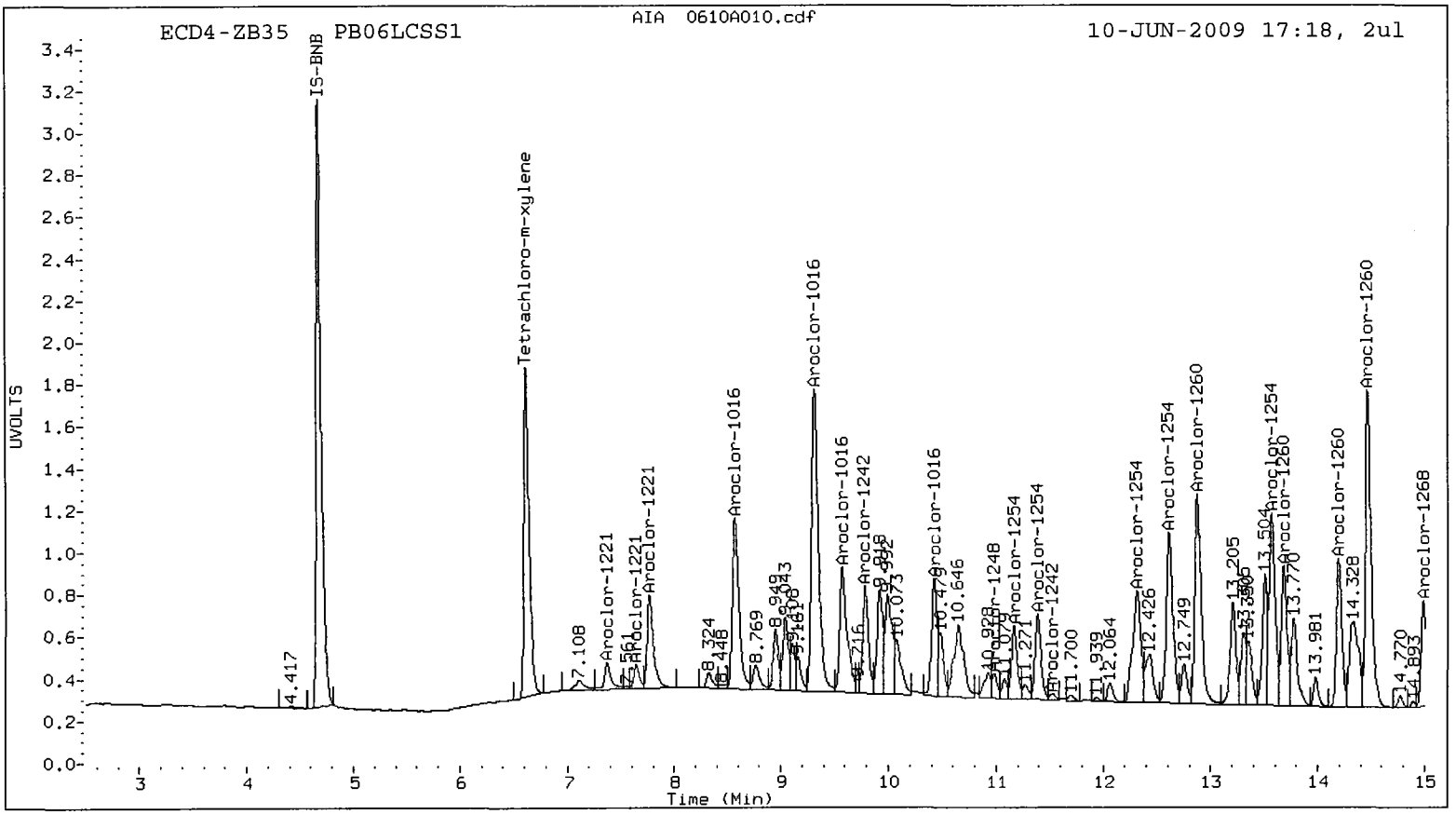
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260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IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1268

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: BW-07-SS-090602
MATRIX SPIKE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 18:47
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	9.7	---
53469-21-9	Aroclor 1242	9.7	< 9.7 U
12672-29-6	Aroclor 1248	9.7	< 9.7 U
11097-69-1	Aroclor 1254	9.7	< 9.7 U
11096-82-5	Aroclor 1260	9.7	---
11104-28-2	Aroclor 1221	9.7	< 9.7 U
11141-16-5	Aroclor 1232	9.7	< 9.7 U
37324-23-5	Aroclor 1262	9.7	< 9.7 U
11100-14-4	Aroclor 1268	9.7	< 9.7 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	75.5%
Tetrachlorometaxylene	79.8%

PC
6/11/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/0610-1.b/0610A014.d
Data file 2: 20090608.b/0610-2.b/0610A014.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: PB06GMS
Client ID: BW-07-SS-090602 MS
Injection Date: 10-JUN-2009 18:47
Report Date: 06/11/2009 10:51
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
6.413	-0.004	6991546	6.613	-0.004	2697315	24.8	31.9	25.3	Tetrachloro-m-xylene
15.983	-0.002	2276876	16.453	-0.003	2609458	24.8	30.2	19.9	Decachlorobiphenyl M

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	62.0	79.9
Decachlorobiphenyl	61.9	75.6

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	12467980	-4.2
Hexabromobiphenyl	3208426	2087992	-34.9

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4525084	-4.8
Hexabromobiphenyl	1484240	1910169	28.7

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	RT	Shift	ZB5 Col Area	Amount	Peak#	RT	Shift	ZB35 Col Area	Amount
Aroclor-1016	1	8.216	-0.005	2053950	253.5	1	8.570	-0.003	2459808	476.8
Aroclor-1016	2	8.868	-0.005	2101557	189.6	2	9.311	-0.006	2531936	304.8
Aroclor-1016	3	8.999	-0.004	1529977	201.0	3	9.567	-0.006	1172111	307.7
Aroclor-1016	4	9.297	-0.003	1206704	200.9	4	10.421	-0.005	826126	247.6
	Total Col1Ave (4 peaks):			211.3		Total Col2Ave (4 peaks):			334.2	RPD = 45*
	Corrected Ave (4 peaks):			211.3		Corrected Ave (4 peaks):			334.2	RPD = 45*
Aroclor-1221	1	6.822	-0.005	542657	44.9	1	7.370	-0.002	171342	31.0
Aroclor-1221	2	7.012	-0.004	721775	92.8	2	7.638	-0.006	726422	221.9
Aroclor-1221	3	7.119	-0.004	1779709	80.2	3	7.764	-0.002	808488	72.7
Aroclor-1221	NS	---			----	4	8.570	-0.010	2459808	612.0
	Total Col1Ave (3 peaks):			72.6		Total Col2Ave (4 peaks):			234.4	RPD = 105*
	Corrected Ave (3 peaks):			72.6		Corrected Ave (3 peaks):			108.6	RPD = 40
Aroclor-1232	1	7.119	-0.004	1779709	181.9	1	7.370	-0.003	171342	120.1
Aroclor-1232	2	8.216	-0.004	2053950	366.2	2	7.764	-0.003	808488	209.6
Aroclor-1232	3	8.691	-0.004	5544545	324.6	3	8.570	-0.004	2459808	684.8
Aroclor-1232	4	8.868	-0.003	2101557	272.5	4	9.311	-0.006	2531936	446.4
	Total Col1Ave (4 peaks):			286.3		Total Col2Ave (4 peaks):			365.2	RPD = 24
	Corrected Ave (4 peaks):			286.3		Corrected Ave (3 peaks):			258.7	RPD = 10
Aroclor-1242	1	8.216	-0.003	2053950	271.8	1	7.764	-0.003	808488	347.8
Aroclor-1242	2	8.691	-0.004	5544545	247.8	2	8.570	-0.002	2459808	545.7
Aroclor-1242	3	8.868	-0.002	2101557	206.1	3	9.311	-0.005	2531936	324.2
Aroclor-1242	4	9.866	-0.003	1791048	179.3	4	9.781	-0.005	731363	318.4
Aroclor-1242	NS	---			----	5	---			0.0
	Total Col1Ave (4 peaks):			226.2		Total Col2Ave (4 peaks):			384.0	RPD = 52*
	Corrected Ave (4 peaks):			226.2		Corrected Ave (4 peaks):			384.0	RPD = 52*
Aroclor-1248	1	8.691	-0.001	5544545	376.4	1	9.311	-0.003	2531936	521.7
Aroclor-1248	2	9.297	-0.002	1206704	139.3	2	10.421	-0.002	826126	234.5
Aroclor-1248	3	9.866	-0.002	1791048	136.4	3	10.981	-0.006	259430	66.5
Aroclor-1248	4	10.403	0.010	1774114	104.3	4	---			0.0
Aroclor-1248	5	10.654	-0.029	811658	65.5	NS	---			----
	Total Col1Ave (5 peaks):			164.4		Total Col2Ave (3 peaks):			274.2	RPD = 50*
	Corrected Ave (4 peaks):			111.4		Corrected Ave: < 3 Peaks				
Aroclor-1254	1	10.403	-0.001	1774114	118.4	1	11.165	-0.004	681389	198.8
Aroclor-1254	2	10.793	0.000	1761900	96.5	2	11.385	-0.003	1378696	302.9
Aroclor-1254	3	11.263	0.000	1022190	88.0	3	12.309	0.045	1529771	232.9
Aroclor-1254	4	11.430	-0.005	2306951	106.3	4	12.605	0.017	1878386	277.1
Aroclor-1254	5	12.781	-0.004	4589354	224.5	5	13.567	-0.005	1929371	455.2
	Total Col1Ave (5 peaks):			126.7		Total Col2Ave (5 peaks):			293.4	RPD = 79*
	Corrected Ave (4 peaks):			102.3		Corrected Ave (5 peaks):			293.4	RPD = 97*
Aroclor-1260	1	13.085	-0.002	1901925	221.3	1	12.870	-0.005	1993089	270.1
Aroclor-1260	2	13.480	-0.003	1696544	210.8	2	13.679	-0.004	1083519	277.9
Aroclor-1260	3	13.912	-0.002	4438568	252.6	3	14.188	-0.004	1247058	299.1
Aroclor-1260	4	14.346	-0.002	2121448	246.7	4	14.464	-0.003	2793847	308.1
Aroclor-1260	5	14.539	-0.001	1108115	241.7	5	15.040	-0.002	1874044	329.2
	Total Col1Ave (5 peaks):			234.6		Total Col2Ave (5 peaks):			296.9	RPD = 23
	Corrected Ave (5 peaks):			234.6		Corrected Ave (5 peaks):			296.9	RPD = 23
Aroclor-1262	1	13.480	-0.003	1696544	118.4	1	12.870	-0.004	1993089	232.9
Aroclor-1262	2	13.912	-0.003	4438568	155.4	2	13.679	-0.003	1083519	108.0
Aroclor-1262	3	14.346	-0.004	2121448	216.4	3	14.464	-0.002	2793847	157.8
Aroclor-1262	4	14.539	-0.001	1108115	89.8	4	15.040	-0.003	1874044	145.6
Aroclor-1262	5	15.181	-0.003	1262942	154.3	5	15.696	-0.001	767324	108.3
	Total Col1Ave (5 peaks):			146.9		Total Col2Ave (5 peaks):			150.5	RPD = 2
	Corrected Ave (5 peaks):			146.9		Corrected Ave (5 peaks):			150.5	RPD = 2
Aroclor-1268	1	14.465	-0.001	783619	46.0	1	14.982	-0.002	719084	64.6
Aroclor-1268	2	14.539	0.001	1108115	59.1	2	15.040	-0.004	1874044	121.9
Aroclor-1268	3	14.936	0.015	545808	45.1	3	15.413	-0.003	98849	9.9

Aroclor-1268	4	15.632	-0.003	533876	22.7	4	16.111	-0.001	275384	10.2

Total Col1Ave (4 peaks): 43.2 Total Col2Ave (4 peaks): 51.6 RPD = 18

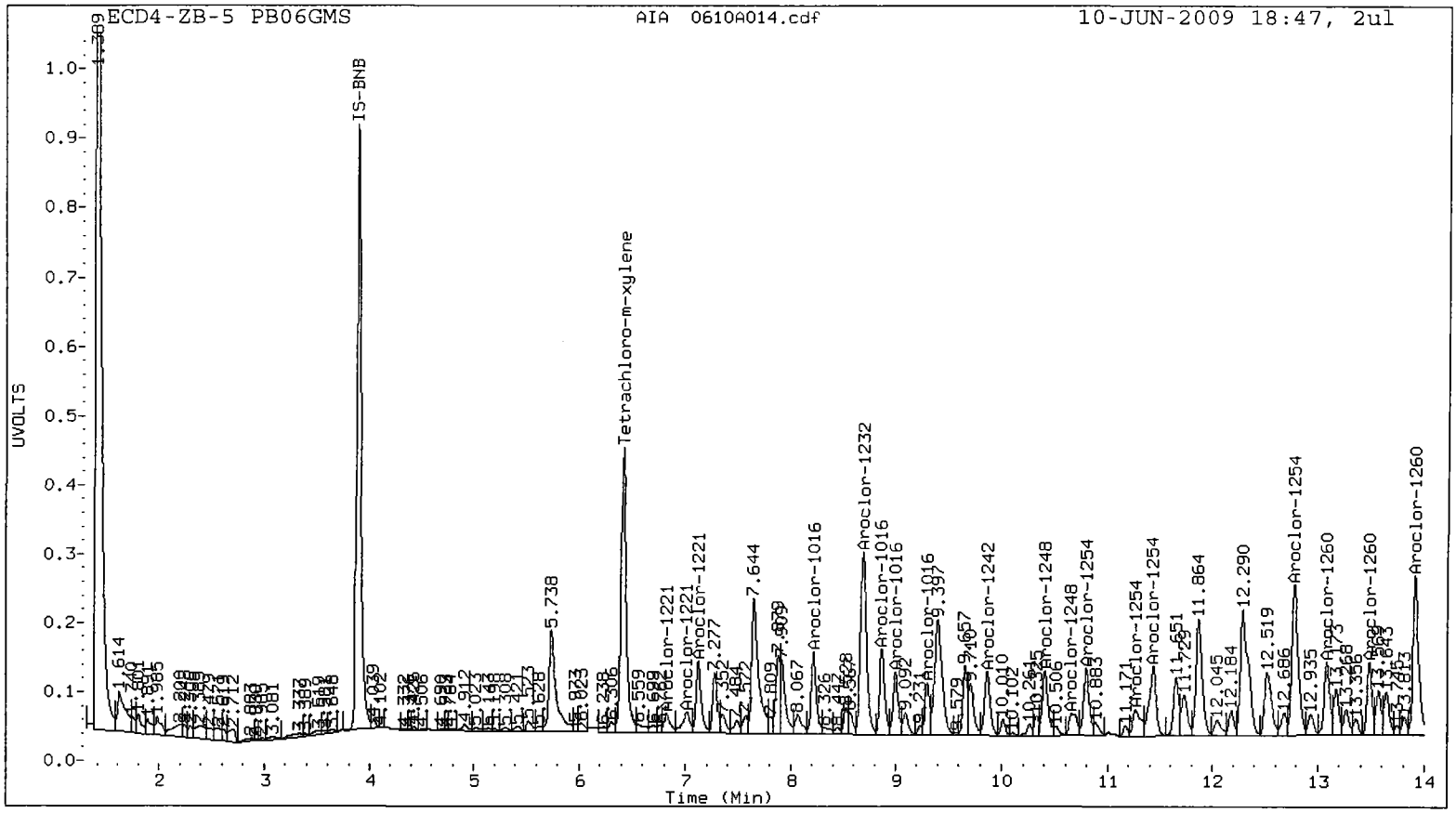
Corrected Ave (4 peaks): 43.2 Corrected Ave (3 peaks): 28.2 RPD = 42*

Total PCB Area Col1 (6.517 - 15.885) = 88633386 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 43412812 Col2 Total PCB = 0.6 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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Time (Min)
IS-BNB
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Aroclor-1232
Aroclor-1242
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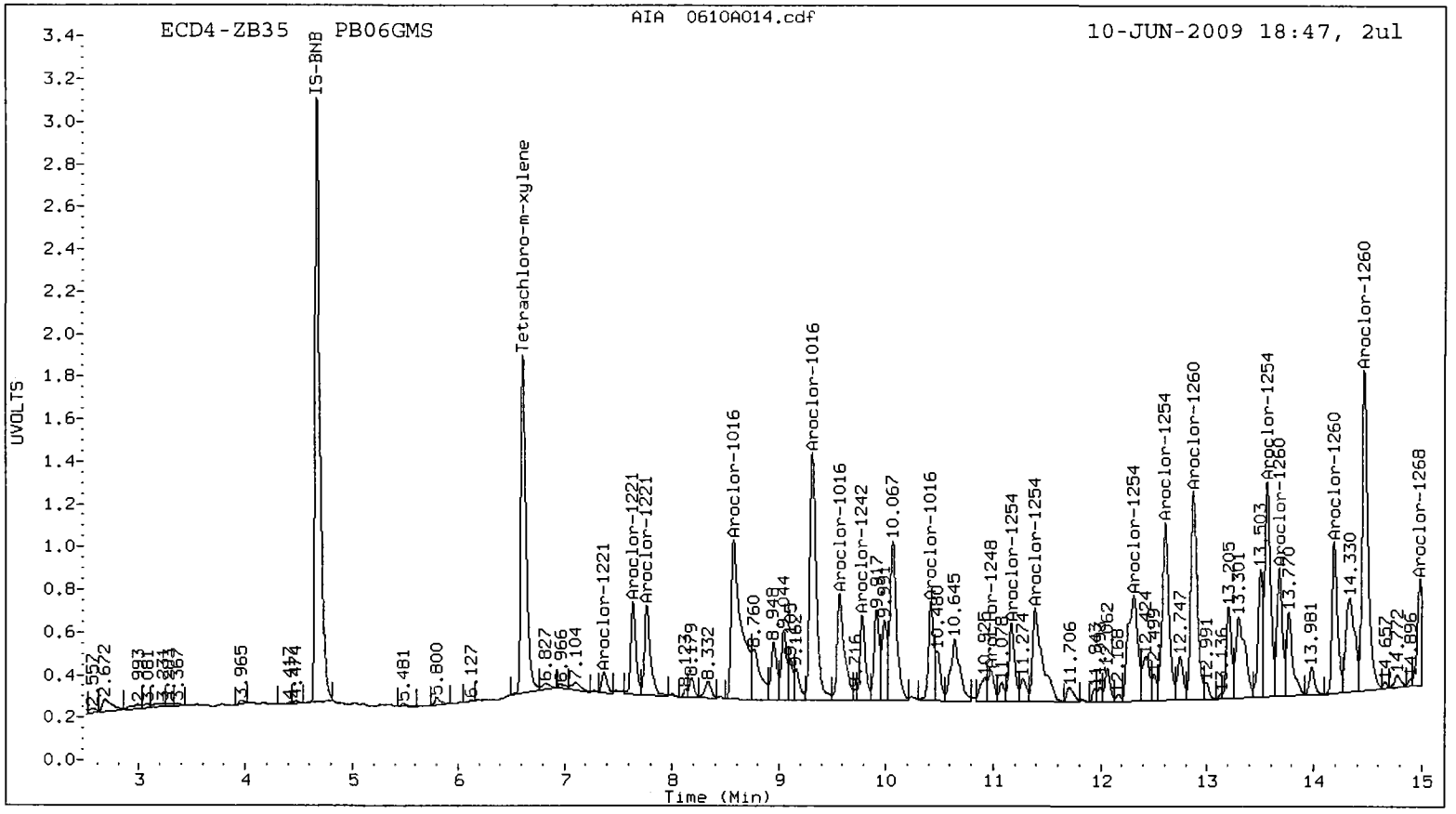
Aroclor-1260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Aroclor-1221
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Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1268

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: BW-07-SS-090602
MATRIX SPIKE DUP

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/10/09 19:10
Instrument/Analyst: ECD4/PKC
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 2.5 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	9.9	---
53469-21-9	Aroclor 1242	9.9	< 9.9 U
12672-29-6	Aroclor 1248	9.9	< 9.9 U
11097-69-1	Aroclor 1254	9.9	< 9.9 U
11096-82-5	Aroclor 1260	9.9	---
11104-28-2	Aroclor 1221	9.9	< 9.9 U
11141-16-5	Aroclor 1232	9.9	< 9.9 U
37324-23-5	Aroclor 1262	9.9	< 9.9 U
11100-14-4	Aroclor 1268	9.9	< 9.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	74.8%
Tetrachlorometaxylene	77.2%

PC
6/11/09

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090608.b/0610-1.b/0610A015.d
Data file 2: 20090608.b/0610-2.b/0610A015.d
Method: /chem2/ecd4.i/20090608.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd4.i, 2ul
Quant Method: Internal Std

ARI ID: PB06GMSD
Client ID: BW-07-SS-090602 MSD
Injection Date: 10-JUN-2009 19:10
Report Date: 06/11/2009 10:51
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
6.413	-0.003	6185728	6.614	-0.003	2645905	21.4	30.9	36.4	Tetrachloro-m-xylene
15.987	0.002	2211065	16.454	-0.001	2627761	23.8	29.9	22.4	Decachlorobiphenyl M

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	53.5	77.3
Decachlorobiphenyl	59.6	74.6

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	13014060	12776404	-1.8
Hexabromobiphenyl	3208426	2106036	-34.4

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	4752259	4586267	-3.5
Hexabromobiphenyl	1484240	1948108	31.3

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 08-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

		ZB5 Col					ZB35 Col			
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	8.216	-0.005	2123507	255.8	1	8.569	-0.004	2955454	565.2
Aroclor-1016	2	8.867	-0.005	2067788	182.0	2	9.312	-0.005	2480726	294.7
Aroclor-1016	3	9.001	-0.002	1505699	193.1	3	9.568	-0.005	1143282	296.2
Aroclor-1016	4	9.299	-0.002	1256599	204.1	4	10.421	-0.004	801326	236.9
Total Col1Ave (4 peaks):					208.8	Total Col2Ave (4 peaks):			348.2	RPD = 50*
Corrected Ave (4 peaks):					208.8	Corrected Ave (4 peaks):			348.2	RPD = 50*
Aroclor-1221	1	6.823	-0.004	631982	51.0	1	7.371	-0.001	207271	37.1
Aroclor-1221	2	7.014	-0.002	761969	95.6	2	7.639	-0.005	750115	226.1
Aroclor-1221	3	7.120	-0.004	1741604	76.6	3	7.765	-0.002	832218	73.9
Aroclor-1221	NS	---			----	4	8.569	-0.012	2955454	725.5
Total Col1Ave (3 peaks):					74.4	Total Col2Ave (4 peaks):			265.6	RPD = 112*
Corrected Ave (3 peaks):					74.4	Corrected Ave (3 peaks):			112.3	RPD = 41*
Aroclor-1232	1	7.120	-0.003	1741604	173.7	1	7.371	-0.002	207271	143.3
Aroclor-1232	2	8.216	-0.003	2123507	369.5	2	7.765	-0.003	832218	212.8
Aroclor-1232	3	8.692	-0.004	5721751	326.9	3	8.569	-0.005	2955454	811.8
Aroclor-1232	4	8.867	-0.004	2067788	261.7	4	9.312	-0.005	2480726	431.6
Total Col1Ave (4 peaks):					282.9	Total Col2Ave (4 peaks):			399.9	RPD = 34
Corrected Ave (4 peaks):					282.9	Corrected Ave (3 peaks):			262.6	RPD = 7
Aroclor-1242	1	8.216	-0.003	2123507	274.2	1	7.765	-0.003	832218	353.2
Aroclor-1242	2	8.692	-0.003	5721751	249.6	2	8.569	-0.003	2955454	646.9
Aroclor-1242	3	8.867	-0.003	2067788	197.9	3	9.312	-0.005	2480726	313.4
Aroclor-1242	4	9.867	-0.001	1759019	171.8	4	9.781	-0.004	726366	312.0
Aroclor-1242	NS	---			----	5	---			0.0
Total Col1Ave (4 peaks):					223.4	Total Col2Ave (4 peaks):			406.4	RPD = 58*
Corrected Ave (4 peaks):					223.4	Corrected Ave (4 peaks):			406.4	RPD = 58*
Aroclor-1248	1	8.692	-0.001	5721751	379.1	1	9.312	-0.002	2480726	504.3
Aroclor-1248	2	9.299	-0.001	1256599	141.6	2	10.421	-0.002	801326	224.4
Aroclor-1248	3	9.867	-0.001	1759019	130.8	3	10.982	-0.005	269429	68.1
Aroclor-1248	4	10.404	0.011	1678001	96.2	4	---			0.0
Aroclor-1248	5	10.655	-0.029	820496	64.7	NS	---			----
Total Col1Ave (5 peaks):					162.5	Total Col2Ave (3 peaks):			265.6	RPD = 48*
Corrected Ave (4 peaks):					108.3	Corrected Ave: < 3 Peaks				
Aroclor-1254	1	10.404	-0.001	1678001	109.3	1	11.166	-0.002	677772	195.1
Aroclor-1254	2	10.793	0.000	1709431	91.4	2	11.388	0.001	1652526	358.2
Aroclor-1254	3	11.263	0.000	918767	77.2	3	12.309	0.045	1503681	225.9
Aroclor-1254	4	11.431	-0.004	2270713	102.1	4	12.606	0.018	1839330	267.7
Aroclor-1254	5	12.783	-0.002	4485394	214.1	5	13.568	-0.004	1861290	433.2
Total Col1Ave (5 peaks):					118.8	Total Col2Ave (5 peaks):			296.0	RPD = 85*
Corrected Ave (4 peaks):					95.0	Corrected Ave (5 peaks):			296.0	RPD = 103*
Aroclor-1260	1	13.086	-0.001	1891005	218.1	1	12.871	-0.005	1955191	259.8
Aroclor-1260	2	13.481	-0.002	1686280	207.7	2	13.680	-0.004	1064113	267.6
Aroclor-1260	3	13.913	-0.001	4423811	249.6	3	14.189	-0.003	1207064	283.9
Aroclor-1260	4	14.346	-0.001	2103517	242.5	4	14.465	-0.002	2749882	297.3
Aroclor-1260	5	14.541	0.001	1101514	238.2	5	15.042	-0.001	1847104	318.2
Total Col1Ave (5 peaks):					231.2	Total Col2Ave (5 peaks):			285.3	RPD = 21
Corrected Ave (5 peaks):					231.2	Corrected Ave (5 peaks):			285.3	RPD = 21
Aroclor-1262	1	13.481	-0.003	1686280	116.7	1	12.871	-0.003	1955191	224.0
Aroclor-1262	2	13.913	-0.002	4423811	153.5	2	13.680	-0.003	1064113	104.0
Aroclor-1262	3	14.346	-0.003	2103517	212.8	3	14.465	-0.001	2749882	152.3
Aroclor-1262	4	14.541	0.000	1101514	88.5	4	15.042	-0.002	1847104	140.8
Aroclor-1262	5	15.182	-0.002	1287318	155.9	5	15.697	0.000	801274	110.9
Total Col1Ave (5 peaks):					145.5	Total Col2Ave (5 peaks):			146.4	RPD = 1
Corrected Ave (5 peaks):					145.5	Corrected Ave (5 peaks):			146.4	RPD = 1
Aroclor-1268	1	14.466	0.000	773748	45.0	1	14.983	0.000	743466	65.5
Aroclor-1268	2	14.541	0.003	1101514	58.2	2	15.042	-0.002	1847104	117.8
Aroclor-1268	3	14.937	0.016	539113	44.2	3	15.415	-0.001	95473	9.4

Aroclor-1268	4	15.633	-0.003	556042	23.4	4	16.112	0.001	290919	10.6

Total Col1Ave (4 peaks): 42.7 Total Col2Ave (4 peaks): 50.8 RPD = 17

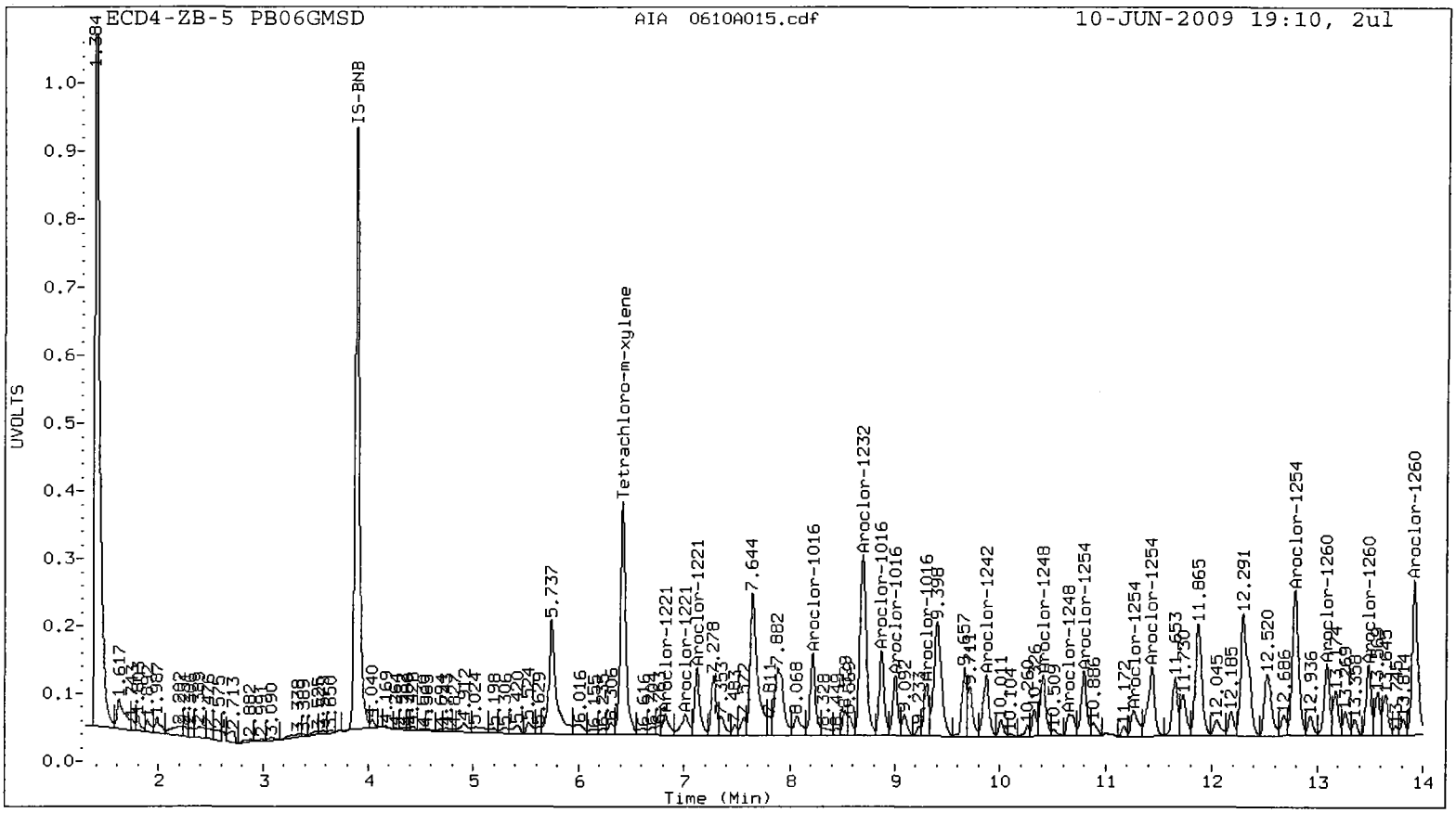
Corrected Ave (4 peaks): 42.7 Corrected Ave (3 peaks): 28.5 RPD = 40*

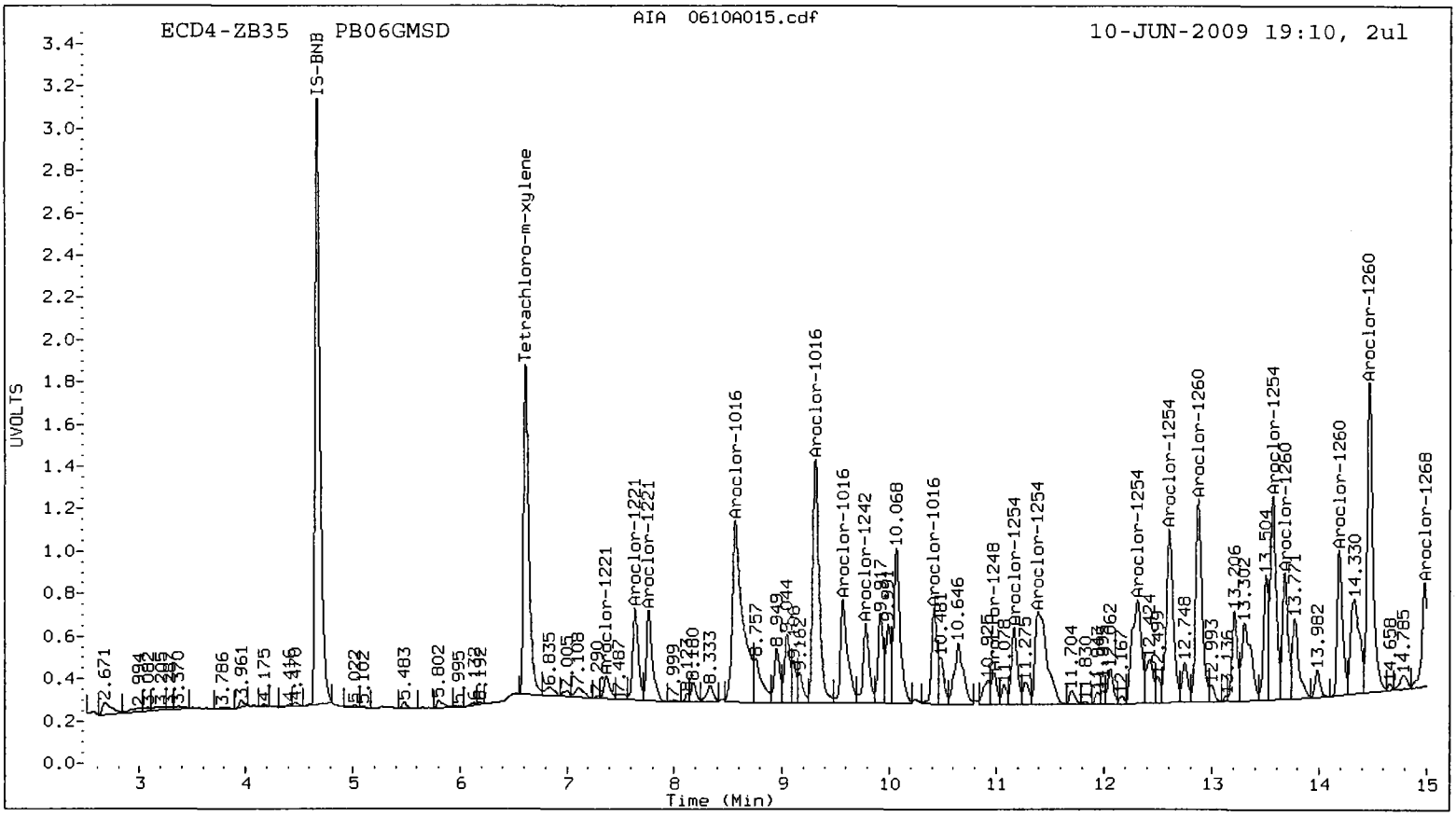
Total PCB Area Col1 (6.517 - 15.885) = 88633214 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (6.717 - 16.356) = 43679918 Col2 Total PCB = 0.6 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.


ECD4-ZB-5 PB06GMSD
AIA 0610A015.cdf
10-JUN-2009 19:10, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260


ECD4-ZB35 PB06GMSD
AIA 0610A015.cdf
10-JUN-2009 19:10, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1268

PCB Analysis
Extraction Bench Sheets/Run Logs

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Benchsheet

PCB – Soil / (Sediment)
Sonication (3550B) (SOP # 350S)

Preparation Test PCB # 6

PSDDA (10 ppb)

ARI Job No(s) PB06

Batch set up by: SP

Bottle #	ARI Sample I.D.	Verify Client ID	Volume Extracted	KD **Exchange To Hexane (X 2)**	Turbo Vap (1 2 3)	**(REQ)** Acid Clean (Y)	**(REQ)** Sulfur Clean (Y)	**(Opt)** Silica Gel Clean (1:2.5) Y (N)	Turbo Vap 1 2 3	Final Effective Volume	Volume to Lab	Comments
	MBS PB06	Date 6/08/09	25.00g			2.5mL	2.5mL	1mL		2.5mL	1mL	10g Actual Weight
	SBS	↓	↓		↓	↓	↓	↓		↓	↓	↓
	~~SBSDup~~		↓			↓	↓	↓		↓	↓	
4	PB06 A	verified	56.02									
5	C		53.67									
6	G		36.37									
↓	GMS		36.61									
↓	GMSD		36.04									
5	I		47.18									
↓	K		36.33									
4	M	↓	32.03	↓	↓	↓	↓	↓		↓	↓	
				06/07/09	CSZ					CSZ		
Analyst/Date:	13:35 WC 6/08/09			PR/AR	6/10/09	→	→			6/10/09	→	

Standard	Standard ID	Volume	Expiration Date	Analyst	Witness
Surrogate	N_2	**50µL**	7/31/09	WC	~~SP~~
Spike	**1**	**63µL**	~~7/31/09~~ 6/08/10	WC	~~SP~~
Extraction Time:	13:35				

SPECIAL INSTRUCTIONS: 1. Weigh soil/sed into 600mL or 400mL beakers. 2. Use 10g neutral Sodium Sulfate for the blanks. 3. Add surr/spike. 4. Add 8:2 Hexane/Acetone. 5. Dry using neutral Sodium Sulfate-25g Max at first-A small amt of Additional sulfate may be needed after 10 min. or before 2nd sonication? 6. Sonicate 3X with 8:2 Hexane/Acetone. 7. Collect into 500mL flask+Lg funnel with a small amount neutral glasswool plug only. NO SODIUM SULFATE. 8. KD (Normal Drying Column) on 100° bath. (Blanks=only 5g Sodium Sulfate). 9. Exchange (2 X with 20mL) Hexane. 10. TurboVap. 11. Clean-ups. 12. TurboVap (if Silica Clean). 13. Vial with Hexane.

A. Need Total Solids Y (N) B. Archive/Freeze Y (N)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Laboratory
Analyst Notes

ARI Job No.: PB06 Client ID: Anchor Environmental, LLC

Parameter: PSDD A PCB Client Project: Bay Wood Products

SOP Number(s): 350 S **No Anomalies:**

List problems, concerns, corrective actions and any other pertinent information
Samples (A-N) contained water @ top. The water was discarded. All of the samples were wet. Φ6/Φ3/Φ9 WC

Analyst Initials:		Date:	

0056F

Revision 006
1/12/07

PB06 : 01001

Analytical Resources Inc.: Organics Instrument Log

ECD4 Serial No.: 3336A53677

Date: 6/8/09 Analysis: PCB Analyst: PC

GC Program: ecd4PCB Column No: 150611/148678 Column Type: 2B5/2B35

Instrument Tune (.U or .CT.): — EM Voltage: —

Calibration File: — Curve Date: 6/8/09

IS/SS	Ical/Ccal		LCS/ICV
1546-3	1576-1	1609-3	1566-1
	1608-3	1608-1	
	1608-4		
	1609-1		
	1609-2		

GC LOG SUMMARY FOR DATABATCH - /chem2/ecd4.i/20090608.b/ical-1.b

	Inject Date/Time	Filename	DF	LabID	ClientID
1	08-JUN-2009 09:31	0608A001.d	1	1660 RINSE	
2	08-JUN-2009 09:53	0608A002.d	1	1660 RINSE	
3	08-JUN-2009 10:15	0608A003.d	1	1660 RINSE	
4	08-JUN-2009 10:37	0608A004.d	1	1660 RINSE	
5	08-JUN-2009 10:59	0608A005.d	1	1660 RINSE	
6	08-JUN-2009 11:21	0608A006.d	1	IB	
7	08-JUN-2009 11:44	0608A007.d	1	AR1660 250	
8	08-JUN-2009 12:06	0608A008.d	1	AR1660 20	
9	08-JUN-2009 12:28	0608A009.d	1	AR1660 1000	
10	08-JUN-2009 12:50	0608A010.d	1	AR1660 100	
11	08-JUN-2009 13:12	0608A011.d	1	AR1660 500	
12	08-JUN-2009 13:35	0608A012.d	1	AR1660 50	
13	08-JUN-2009 13:57	0608A013.d	1	AR1660 ICV	
14	08-JUN-2009 14:19	0608A014.d	1	AR1242	
15	08-JUN-2009 14:41	0608A015.d	1	AR1248	
16	08-JUN-2009 15:03	0608A016.d	1	AR1254	
17	08-JUN-2009 15:26	0608A017.d	1	AR2162	
18	08-JUN-2009 15:48	0608A018.d	1	AR3268	
19	08-JUN-2009 16:10	0608A019.d	1	0.1 DDT	
20	08-JUN-2009 16:32	0608A020.d	1	DDTS	
21	08-JUN-2009 16:54	0608A021.d	1	AR1242	
22	08-JUN-2009 17:16	0608A022.d	1	AR1660	
23	08-JUN-2009 17:39	0608A023.d	1	PB68MBW1	PB68MBW1
24	08-JUN-2009 18:01	0608A024.d	1	PB68LCSW1	PB68LCSW1
25	08-JUN-2009 18:23	0608A025.d	1	PB68B	EV13 090608
26	08-JUN-2009 18:45	0608A026.d	1	AR1248	
27	08-JUN-2009 19:07	0608A027.d	1	AR1660	

PC
6/9/09

Maintenance / Comments calibrations on 6/3, 6/4, and 6/5 unsuccessful, runs not used, Log entries not made
calibration runs from 20-500, 1000 point not used.

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control):

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC Analyst Notes / Corrective Action Log

ARI Project ID: ECD4 PCB Cal Client ID: _____

ARI SOP: (**403S**(PCB)) **405S**(Herbicides) **407S**(TPH-D) **409S**(HCID) **423S**(Pesticides) **Other**

Parameter(s): PCB

Instrument: FID-3A FID-3B FID-4A FID-4B FID-7 FID-8
ECD-1 ECD-3 (ECD-4) ECD-5 ECD-6 ECD-7

Dates: Curve: 6/8/09 Analysis Start: _____

Endrin/DDT Breakdown <15%? YES / NO / (NA) Method Blank In Control? (YES) / NO

ICal Meets RF & %RSD Criteria? (YES) / NO LCS/LCSD Recovery In Control? (YES) / NO

CCal Meets RF & %RSD Criteria (YES) / NO Surrogate Recovery In Control? (YES) / NO

Internal Standard Meets Criteria? (YES) / NO / NA Special Analysis Criteria Met? YES / NO / NA

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

1660 calibration 20-500 ppb.
ICV run at 250

Additional Details on Reverse: Yes / No

Analyst Signature: Paul Eng **Date:** 6/9/09

Reviewer's Signature: V. C **Date:** 6/9/2009

Analytical Resources Inc.: Organics Instrument Log

ECD4 Serial No.: 3336A53677

Date: 6/10/09 Analysis: PCB Analyst: KC

GC Program: ecd4PCB Column No: 15061L/14867B Column Type: ZB5/ZB35

Instrument Tune (.U or .CT.): < EM Voltage:

Calibration File: Curve Date: 6/8/09

IS/SS	Ical/Ccal	LCS/ICV
1546-3	1576-1 1608-1,3,4 1609-1,2,3	

GC LOG SUMMARY FOR DATABATCH - /chem2/ecd4.i/20090608.b/0610-1.b

	Inject Date/Time	Filename	DF	LabID	ClientID
1	10-JUN-2009 13:59	0610A001.d	1	1660 RINSE	
2	10-JUN-2009 14:21	0610A002.d	1	1660 RINSE	
3	10-JUN-2009 14:43	0610A003.d	1	1660 RINSE	
4	10-JUN-2009 15:05	0610A004.d	1	1660 RINSE	
5	10-JUN-2009 15:27	0610A005.d	1	1660 RINSE	
6	10-JUN-2009 15:50	0610A006.d	1	IB	
7	10-JUN-2009 16:12	0610A007.d	1	AR1660	AR1660
8	10-JUN-2009 16:34	0610A008.d	1	AR1248	AR1248
9	10-JUN-2009 16:56	0610A009.d	1	PB06MBS1	PB06MBS1
10	10-JUN-2009 17:18	0610A010.d	1	PB06LCSS1	PB06LCSS1
11	10-JUN-2009 17:41	0610A011.d	1	PB06A	BW-01-SS-090602
12	10-JUN-2009 18:03	0610A012.d	1	PB06C	BW-03-SS-090602
13	10-JUN-2009 18:25	0610A013.d	1	PB06G	BW-07-SS-090602
14	10-JUN-2009 18:47	0610A014.d	1	PB06GMS	BW-07-SS-090602 MS
15	10-JUN-2009 19:10	0610A015.d	1	PB06GMSD	BW-07-SS-090602 MSD
16	10-JUN-2009 19:32	0610A016.d	10	PB06I	BW-09-SS-090602
17	10-JUN-2009 19:54	0610A017.d	1	PB06K	BW-11-SS-090602
18	10-JUN-2009 20:16	0610A018.d	1	PB06M	BW-53-SS-090602
19	10-JUN-2009 20:38	0610A019.d	1	AR1242	AR1242
20	10-JUN-2009 21:00	0610A020.d	1	AR1660	AR1660
21	10-JUN-2009 21:23	0610A021.d	1	PB76MBS1	
22	10-JUN-2009 21:45	0610A022.d	1	PB76LCSS1	
23	10-JUN-2009 22:07	0610A023.d	10	PB76A	
24	10-JUN-2009 22:29	0610A024.d	10	PB76B	
25	10-JUN-2009 22:51	0610A025.d	10	PB76C	
26	10-JUN-2009 23:14	0610A026.d	1	AR1254	
27	10-JUN-2009 23:36	0610A027.d	1	AR1660	

KC 6/10/09

Maintenance / Comments

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control):

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC Analyst Notes / Corrective Action Log

ARI Project ID: PB06 Client ID: Anchor

ARI SOP: (**403S**(PCB)) **405S**(Herbicides) **407S**(TPH-D) **409S**(HCID) **423S**(Pesticides) **Other**

Parameter(s): PCB

Instrument: FID-3A FID-3B FID-4A FID-4B FID-7 FID-8
ECD-1 ECD-3 (ECD-4) ECD-5 ECD-6 ECD-7

Dates: Curve: 6/8/09 Analysis Start: 6/10/09

Endrin/DDT Breakdown <15%? YES / NO / (NA)

ICal Meets RF & %RSD Criteria? (YES) / NO

CCal Meets RF & %RSD Criteria (YES) / NO

Internal Standard Meets Criteria? (YES) / NO / NA

Method Blank In Control? (YES) / NO

LCS/LCSD Recovery In Control? (YES) / NO

Surrogate Recovery In Control? (YES) / NO

Special Analysis Criteria Met? YES / NO / (NA)

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

Poor RPD between ZB5 and ZB35 ~~RPD~~ for surr DCB in sample G.
Poor RPD between ZB5 and ZB35 for 1016 in G MS/MSD. (matrix effect)

To meet 10ppb RL or lowest possible RL, some samples and MB Quant at Low Point ICAL 20 filter
(I RL=10ppb cut ILSYhit 10X01C) RL=20ppb

Additional Details on Reverse: Yes / No

Analyst Signature: [signature] **Date:** 6/11/09

Reviewer's Signature: [initials] **Date:** 6/19/09

TPHD Analysis
QC Summary Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

CLEANED TPHD SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02

Client ID		OTER	TOT OUT
BW-01-SS-090602		87.4%	0
BW-02-SS-090602		96.1%	0
BW-03-SS-090602		90.5%	0
BW-04-SS-090602		91.6%	0
BW-05-SS-090602		93.0%	0
BW-06-SS-090602		98.1%	0
MB-060809		94.3%	0
LCS-060809		100%	0
BW-07-SS-090602		103%	0
BW-07-SS-090602	MS	98.0%	0
BW-07-SS-090602	MSD	93.4%	0
BW-08-SS-090602		94.9%	0
BW-09-SS-090602		97.1%	0
BW-10-SS-090602		98.8%	0
BW-11-SS-090602		95.6%	0
BW-12-SS-090602		94.7%	0
BW-53-SS-090602		89.4%	0
BW-54-SS-090602		87.5%	0

	LCS/MB LIMITS	QC LIMITS
(OTER) = o-Terphenyl	(63-115)	(49-120)

Prep Method: SW3550B
Log Number Range: 09-12542 to 09-12555

FORM-II TPHD

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
NWTPHD by GC/FID-Silica and Acid Cleaned **Sample ID: BW-07-SS-090602**
Page 1 of 1 **MS/MSD**

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted MS/MSD: 06/08/09

Date Analyzed MS: 06/13/09 00:15
MSD: 06/13/09 00:29
Instrument/Analyst MS: FID/MS
MSD: FID/MS

Sample Amount MS: 7.20 g-dry-wt
MSD: 7.07 g-dry-wt
Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL
Dilution Factor MS: 1.0
MSD: 1.0
Percent Moisture: 29.7%

Range	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Diesel	28.2	202	208	83.6%	201	212	81.5%	0.5%

TPHD Surrogate Recovery

	MS	MSD
o-Terphenyl	98.0%	93.4%

Results reported in mg/kg
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
NWTPHD by GC/FID-Silica and Acid Cleaned **Sample ID: LCS-060809**
Page 1 of 1 **LAB CONTROL**

Lab Sample ID: LCS-060809
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Date Extracted: 06/08/09
Date Analyzed: 06/12/09 21:54
Instrument/Analyst: FID/MS

Sample Amount: 10.0 g
Final Extract Volume: 1.0 mL
Dilution Factor: 1.0

Range	Lab Control	Spike Added	Recovery
Diesel	152	150	101%

TPHD Surrogate Recovery

o-Terphenyl	100%

Results reported in mg/kg

FORM III

PB06:01009

TPH METHOD BLANK SUMMARY

BLANK NO.

PB06MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL,LLC.

SDG No.: PB06 Project No.: BAY WOOD PRODUCTS

Date Extracted: 06/08/09 Matrix: SOLID

Date Analyzed : 06/12/09 Instrument ID : FID4A

Time Analyzed : 2140

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	PB06LCSS1	PB06LCSS1	06/12/09
02	BW-01-SS-090	PB06A	06/12/09
03	BW-02-SS-090	PB06B	06/12/09
04	BW-03-SS-090	PB06C	06/12/09
05	BW-04-SS-090	PB06D	06/12/09
06	BW-05-SS-090	PB06E	06/12/09
07	BW-06-SS-090	PB06F	06/12/09
08	BW-07-SS-090	PB06G	06/13/09
09	BW-07-SS-090	PB06GMS	06/13/09
10	BW-07-SS-090	PB06GMSD	06/13/09
11	BW-08-SS-090	PB06H	06/13/09
12	BW-09-SS-090	PB06I	06/13/09
13	BW-10-SS-090	PB06J	06/13/09
14	BW-11-SS-090	PB06K	06/13/09
15	BW-12-SS-090	PB06L	06/13/09
16	BW-53-SS-090	PB06M	06/13/09
17	BW-54-SS-090	PB06N	06/13/09

FORM IV TPH

TPH ANALYTICAL SEQUENCE

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL,LLC.

SDG No.: PB06 Project: BAY WOOD PRODUCTS

Instrument ID: FID4A GC Column: RTX-1

Run Date: 06/17/09

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, AND STANDARDS, IS GIVEN BELOW:

SURROGATE RT FROM DAILY STANDARD
TERPH: 3.90 TRIAC: 5.52

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TERPH RT #	TRIAC RT #
01	RT	RT	06/12/09	1809	3.90	5.52
02	IB	IB	06/12/09	1823	3.90	5.52
03	DIESEL#2	DIESEL#2	06/12/09	2112	3.90	5.53
04	MOIL#2	MOIL#2	06/12/09	2126	3.90	5.52
05	PB06MBS1	PB06MBS1	06/12/09	2140	3.90	5.53
06	PB06LCSS1	PB06LCSS1	06/12/09	2154	3.90	5.52
07	BW-01-SS-090	PB06A	06/12/09	2208	3.90	5.53
08	BW-02-SS-090	PB06B	06/12/09	2222	3.90	5.53
09	BW-03-SS-090	PB06C	06/12/09	2236	3.90	5.52
10	BW-04-SS-090	PB06D	06/12/09	2250	3.90	5.52
11	BW-05-SS-090	PB06E	06/12/09	2305	3.90	5.52
12	BW-06-SS-090	PB06F	06/12/09	2319	3.90	5.52
13	DIESEL#3	DIESEL#3	06/12/09	2333	3.90	5.51
14	MOIL#3	MOIL#3	06/12/09	2347	3.90	5.52
15	BW-07-SS-090	PB06G	06/13/09	0001	3.90	5.52
16	BW-07-SS-090	PB06GMS	06/13/09	0015	3.90	5.52
17	BW-07-SS-090	PB06GMSD	06/13/09	0029	3.90	5.52
18	BW-08-SS-090	PB06H	06/13/09	0043	3.90	5.52
19	BW-09-SS-090	PB06I	06/13/09	0057	3.90	5.52
20	BW-10-SS-090	PB06J	06/13/09	0111	3.90	5.52
21	BW-11-SS-090	PB06K	06/13/09	0125	3.90	5.52
22	BW-12-SS-090	PB06L	06/13/09	0139	3.90	5.52
23	BW-53-SS-090	PB06M	06/13/09	0153	3.90	5.52
24	BW-54-SS-090	PB06N	06/13/09	0207	3.90	5.52
25	DIESEL#4	DIESEL#4	06/13/09	0221	3.90	5.53
26	MOIL#4	MOIL#4	06/13/09	0235	3.90	5.52

QC LIMITS

TERPH = o-terph (+/- 0.05 MINUTES)
TRIAC = Triacon Surr (+/- 0.05 MINUTES)

* Values outside of QC limits.

FORM VIII TPH

TPH ANALYTICAL SEQUENCE

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL,LLC.

SDG No.: PB06 Project: BAY WOOD PRODUCTS

Instrument ID: FID4A GC Column: RTX-1

Run Date: 06/11/09

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, AND STANDARDS, IS GIVEN BELOW:

SURROGATE RT FROM DAILY STANDARD
TERPH: 3.90 TRIAC: 5.53

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TERPH RT #	TRIAC RT #
01	RT	RT	06/11/09	2012	3.90	5.53
02	IB	IB	06/11/09	2026	3.90	5.52
03	DIESEL 50	DIESEL 50	06/11/09	2040	3.90	5.53
04	DIESEL 100	DIESEL 100	06/11/09	2054	3.90	5.53
05	DIESEL 250	DIESEL 250	06/11/09	2108	3.90	5.53
06	DIESEL 500	DIESEL 500	06/11/09	2122	3.91	5.52
07	DIESEL 1000	DIESEL 1000	06/11/09	2137	3.91	5.54
08	DIESEL 2500	DIESEL 2500	06/11/09	2151	3.93	5.52
09	DIESEL ICV	DIESEL ICV	06/11/09	2205	3.90	5.53

	QC LIMITS
TERPH = o-terph	(+/- 0.05 MINUTES)
TRIAC = Triacon Surr	(+/- 0.05 MINUTES)

* Values outside of QC limits.

FORM VIII TPH

TPH ANALYTICAL SEQUENCE

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR ENVIRONMENTAL,LLC.

SDG No.: PB06 Project: BAY WOOD PRODUCTS

Instrument ID: FID4A GC Column: RTX-1

Run Date: 06/11/09

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, AND STANDARDS, IS GIVEN BELOW:

SURROGATE RT FROM DAILY STANDARD
TERPH: 3.90 TRIAC: 5.52

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TERPH RT #	TRIAC RT #
01	RT	RT	06/10/09	1945	3.90	5.52
02	IB	IB	06/10/09	1959	3.90	5.52
03	DIESEL 50	DIESEL 50	06/10/09	2014	3.90	5.52
04	DIESEL 100	DIESEL 100	06/10/09	2028	3.90	5.52
05	DIESEL 250	DIESEL 250	06/10/09	2042	3.90	5.52
06	DIESEL 500	DIESEL 500	06/10/09	2056	3.90	5.52
07	DIESEL 1000	DIESEL 1000	06/10/09	2110	3.91	5.53
08	DIESEL 2500	DIESEL 2500	06/10/09	2124	3.92	5.52
09	RINSE	RINSE	06/10/09	2139	3.90	5.52
10	DIESEL ICV	DIESEL ICV	06/10/09	2153	3.90	5.52
11	RINSE	RINSE	06/10/09	2207	3.90	5.52
12	RINSE	RINSE	06/10/09	2221	3.90	5.52
13	MOIL 100	MOIL 100	06/10/09	2235	3.90	5.51
14	MOIL 250	MOIL 250	06/10/09	2249	3.90	5.52
15	MOIL 500	MOIL 500	06/10/09	2303	3.89	5.52
16	MOIL 1000	MOIL 1000	06/10/09	2317	3.90	5.52
17	RINSE	RINSE	06/10/09	2332	3.90	5.51
18	MOIL 2500	MOIL 2500	06/10/09	2346	3.90	5.53
19	RINSE	RINSE	06/11/09	0000	3.90	5.52
20	MOIL 5000	MOIL 5000	06/11/09	0014	3.90	5.55
21	RINSE	RINSE	06/11/09	0028	3.90	5.52
22	MOIL ICV	MOIL ICV	06/11/09	0042	3.90	5.52
23	RINSE	RINSE	06/11/09	0056	3.90	5.52
24	RINSE	RINSE	06/11/09	0110	3.90	5.52
25	AK103 100	AK103 100	06/11/09	0124	3.90	5.52
26	AK103 250	AK103 250	06/11/09	0138	3.90	5.52
27	AK103 500	AK103 500	06/11/09	0152	3.90	5.52
28	AK103 1000	AK103 1000	06/11/09	0207	3.90	5.52
29	RINSE	RINSE	06/11/09	0221	3.90	5.52
30	AK103 2500	AK103 2500	06/11/09	0235	3.90	5.53
31	RINSE	RINSE	06/11/09	0249	3.90	5.52
32	AK103 5000	AK103 5000	06/11/09	0303	3.90	5.54

	QC LIMITS
TERPH = o-terph	(+/- 0.05 MINUTES)
TRIAC = Triacon Surr	(+/- 0.05 MINUTES)

* Values outside of QC limits.

FORM VIII TPH

TPHD Analysis
Sample Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
TOTAL DIESEL RANGE HYDROCARBONS
NWTPHD by GC/FID-Silica and Acid Cleaned

Matrix: Sediment

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02

Data Release Authorized:
Reported: 06/17/09

ARI ID	Sample ID	Extraction Date	Analysis Date	EFV DL	Range	RL	Result
PB06A	BW-01-SS-090602	06/08/09	06/12/09	1.00	**Diesel**	**10**	**22**
09-12542	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	**21**	**120**
					o-Terphenyl		87.4%
PB06B	BW-02-SS-090602	06/08/09	06/12/09	1.00	Diesel	6.8	< 6.8 U
09-12543	HC ID: **MOTOR OIL**		FID4A	1.0	**Motor Oil**	**14**	**25**
					o-Terphenyl		96.1%
PB06C	BW-03-SS-090602	06/08/09	06/12/09	1.00	**Diesel**	**10**	**10**
09-12544	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	**20**	**54**
					o-Terphenyl		90.5%
PB06D	BW-04-SS-090602	06/08/09	06/12/09	1.00	**Diesel**	**10**	**20**
09-12545	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	**20**	**110**
					o-Terphenyl		91.6%
PB06E	BW-05-SS-090602	06/08/09	06/12/09	1.00	**Diesel**	**9.0**	**12**
09-12546	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	**18**	**57**
					o-Terphenyl		93.0%
PB06F	BW-06-SS-090602	06/08/09	06/12/09	1.00	Diesel	8.2	< 8.2 U
09-12547	HC ID: **MOTOR OIL**		FID4A	1.0	**Motor Oil**	**16**	**27**
					o-Terphenyl		98.1%
MB-060809	Method Blank	06/08/09	06/12/09	1.00	Diesel	5.0	< 5.0 U
09-12548	HC ID: ---		FID4A	1.0	Motor Oil	10	< 10 U
					o-Terphenyl		94.3%
PB06G	BW-07-SS-090602	06/08/09	06/13/09	1.00	**Diesel**	**7.0**	**28**
09-12548	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	**14**	**190**
					o-Terphenyl		103%
PB06H	BW-08-SS-090602	06/08/09	06/13/09	1.00	**Diesel**	**7.7**	**14**
09-12549	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	**15**	**53**
					o-Terphenyl		94.9%
PB06I	BW-09-SS-090602	06/08/09	06/13/09	1.00	**Diesel**	**8.9**	**17**
09-12550	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	**18**	**78**
					o-Terphenyl		97.1%
PB06J	BW-10-SS-090602	06/08/09	06/13/09	1.00	**Diesel**	**6.9**	**11**
09-12551	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	**14**	**39**
					o-Terphenyl		98.8%
PB06K	BW-11-SS-090602	06/08/09	06/13/09	1.00	**Diesel**	**11**	**15**
09-12552	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	**22**	**79**
					o-Terphenyl		95.6%
PB06L	BW-12-SS-090602	06/08/09	06/13/09	1.00	**Diesel**	**10**	**12**
09-12553	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	**20**	**64**
					o-Terphenyl		94.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
TOTAL DIESEL RANGE HYDROCARBONS
NWTPHD by GC/FID-Silica and Acid Cleaned
Page 2 of 2
Matrix: Sediment

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02

Data Release Authorized:
Reported: 06/17/09

ARI ID	Sample ID	Extraction Date	Analysis Date	EFV DL	Range	RL	Result
PB06M	BW-53-SS-090602	06/08/09	06/13/09	1.00	**Diesel**	**9.8**	**12**
09-12554	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	**20**	**70**
					o-Terphenyl		89.4%
PB06N	BW-54-SS-090602	06/08/09	06/13/09	1.00	**Diesel**	**10**	**13**
09-12555	HC ID: **DRO/MOTOR OIL**		FID4A	1.0	**Motor Oil**	**20**	**75**
					o-Terphenyl		87.5%

Reported in mg/kg (ppm)

EFV-Effective Final Volume in mL.
DL-Dilution of extract prior to analysis.
RL-Reporting limit.

Diesel quantitation on total peaks in the range from C12 to C24.
Motor Oil quantitation on total peaks in the range from C24 to C38.
HC ID: DRO/RRO indicate results of organics or additional hydrocarbons in ranges are not identifiable.

MS 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a022.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06A
Client ID: BW-01-SS-090602
Injection: 12-JUN-2009 22:08
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.405	0.008	13317	6254	GAS (Tol-C12)	494317	25
C8	1.518	0.010	7432	5647	DIESEL (C12-C24)	1110042	104
C10	2.128	-0.005	5129	3950	M.OIL (C24-C38)	4275399	595
C12	2.631	-0.002	4415	2364	AK-102 (C10-C25)	1296554	101
C14	3.048	0.003	937	819	AK-103 (C25-C36)	4051353	726
C16	3.408	0.004	2945	3107	OR.DIES (C10-C28)	2851987	190
C18	3.735	0.001	7603	5872	OR.MOIL (C28-C40)	2701520	389
C20	4.130	-0.002	9613	11820			
C22	4.519	-0.001	23150	30350			
C24	4.839	-0.002	39915	30761			
C25	4.976	-0.002	116874	114327			
C26	5.099	-0.001	63893	96440			
C28	5.322	-0.001	82553	71007			
C32	5.704	0.000	64199	80269			
C34	5.901	0.000	36707	42011	CREOSOT (C12-C22)	581823	160
Filter Peak	7.764	-0.003	253	162			
C36	6.133	-0.001	16211	14835			
C38	6.424	0.002	6188	11363			
C40	6.812	0.007	1792	1617			
o-terph	3.901	0.000	1136352	605142	JET-A (C10-C18)	250860	19
Triacon Surr	5.526	0.001	1248248	589547			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	605142	39.3	87.4
Triacontane	589547	51.4	114.2

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a022.d

Date : 12-JUN-2009 22:08

Client ID: BW-01-SS-090602

Sample Info: PB06A

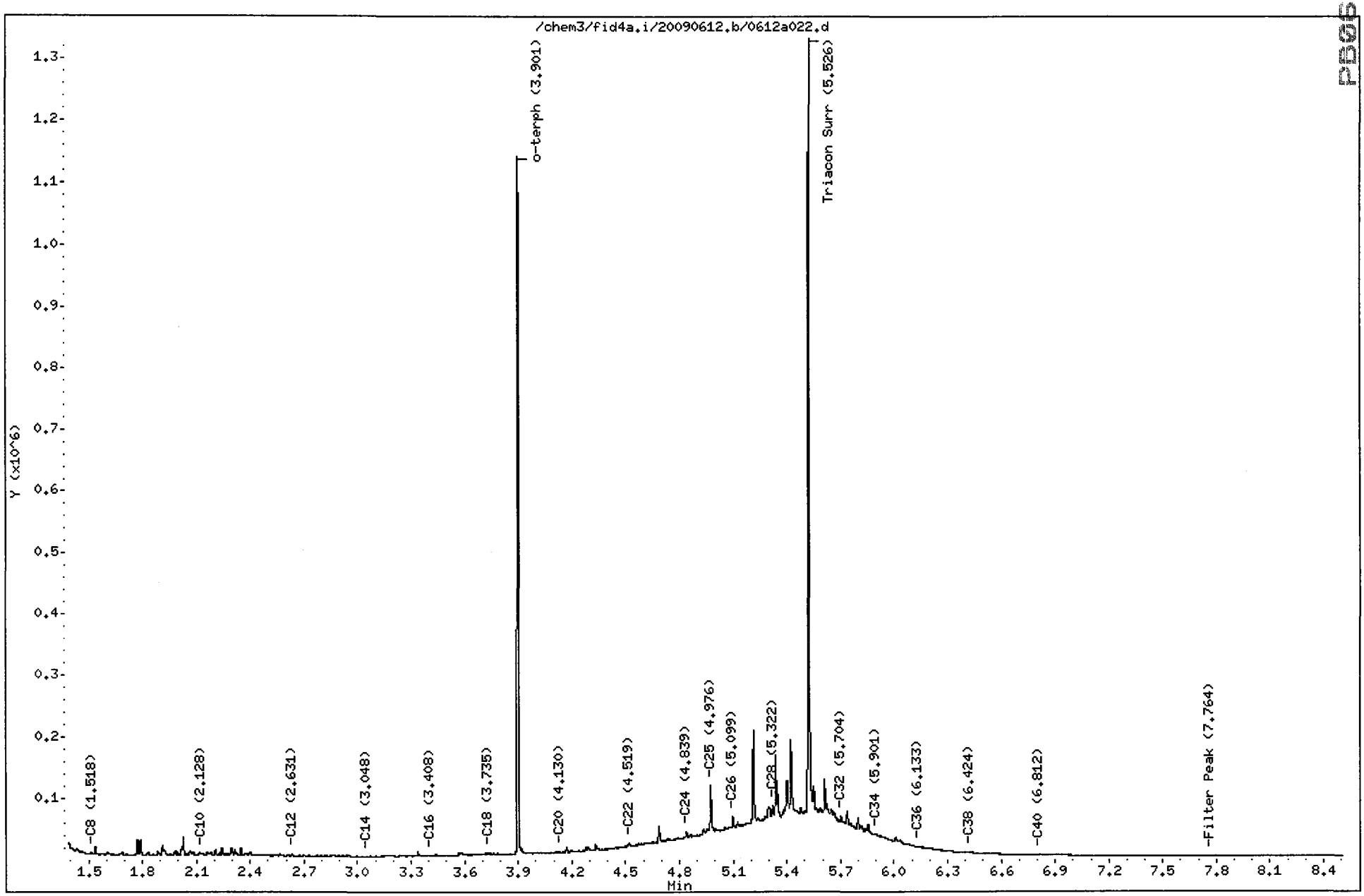
Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25

PB06 : 61916



MW 6/18/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a023.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06B
Client ID: BW-02-SS-090602
Injection: 12-JUN-2009 22:22
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.375	-0.022	34780	50700	GAS (Tol-C12)	528401	27
C8	1.516	0.009	9145	7312	DIESEL (C12-C24)	386848	36
C10	2.128	-0.005	5338	3592	M.OIL (C24-C38)	1354353	188
C12	2.632	-0.001	2974	1537	AK-102 (C10-C25)	513392	40
C14	3.047	0.002	490	237	AK-103 (C25-C36)	1294389	232
C16	3.410	0.005	1475	1317	OR.DIES (C10-C28)	1001041	67
C18	3.734	0.000	3494	2655	OR.MOIL (C28-C40)	870975	125
C20	4.132	-0.001	3699	3727			
C22	4.521	0.000	7548	10090			
C24	4.840	-0.001	12324	11693			
C25	4.976	-0.002	35351	38611			
C26	5.100	0.000	19504	21694			
C28	5.322	0.000	26260	35758			
C32	5.705	0.001	22943	29026			
C34	5.897	-0.004	13178	10691	CREOSOT (C12-C22)	215445	59
Filter Peak	7.771	0.004	138	103			
C36	6.134	0.000	6253	4879			
C38	6.418	-0.004	2795	3017			
C40	6.805	0.000	848	674			
o-terph	3.900	-0.001	1337802	665542	JET-A (C10-C18)	177089	13
Triacon Surr	5.526	0.001	1383225	716698			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	665542	43.2	96.1
Triacontane	716698	62.5	138.8

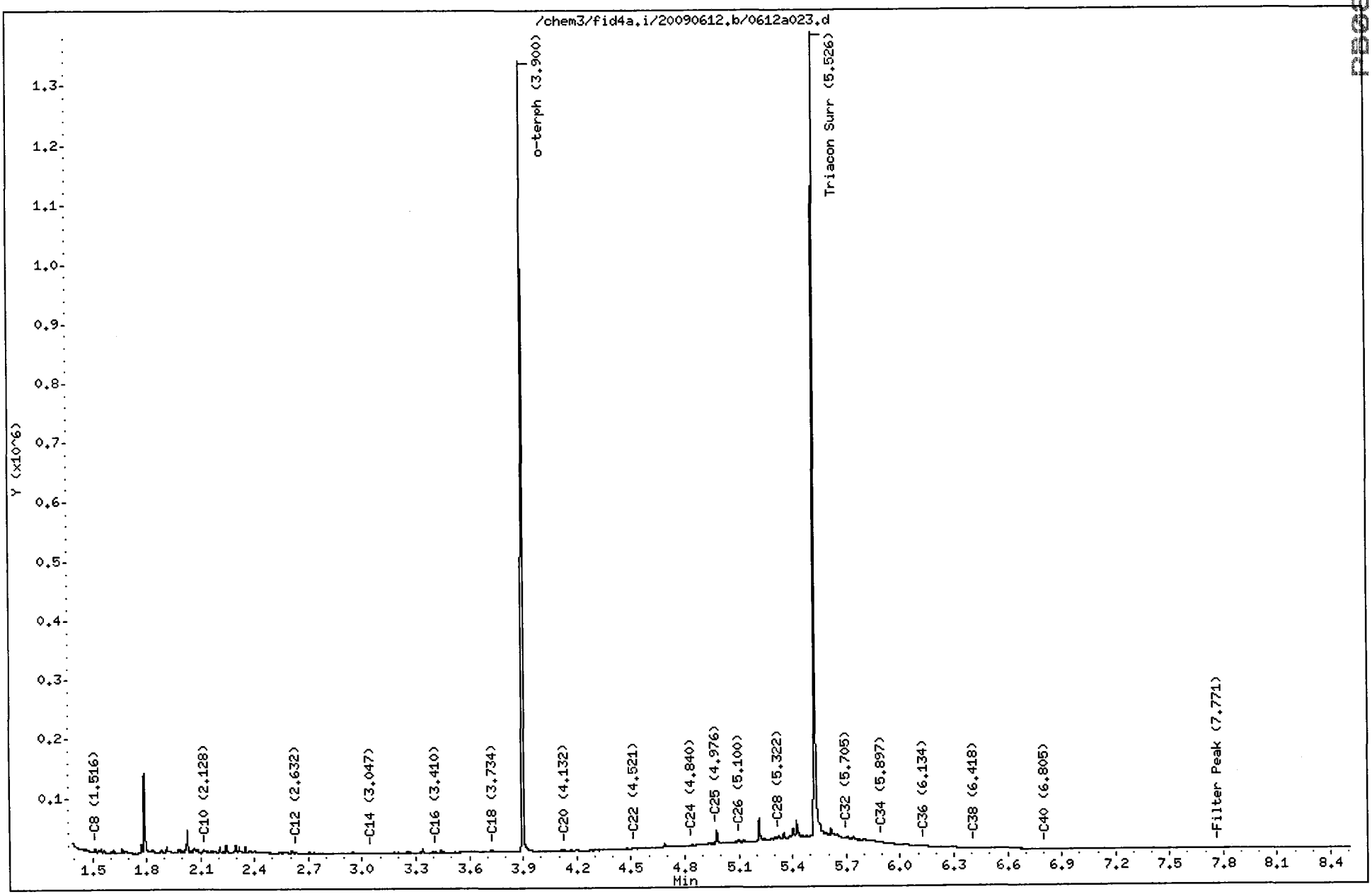
Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a023.d
Date : 12-JUN-2009 22:22
Client ID: BW-02-SS-090602
Sample Info: PB06B

Instrument: fid4a.i
Operator: MS
Column diameter: 0.25

Column phase: RTX-1

PB06 : 61929



NW 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a024.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06C
Client ID: BW-03-SS-090602
Injection: 12-JUN-2009 22:36

Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.373	-0.024	31527	53387	GAS (Tol-C12)	559580	28
C8	1.516	0.008	7902	5950	DIESEL (C12-C24)	540229	51
C10	2.127	-0.006	5523	3496	M.OIL (C24-C38)	1920676	267
C12	2.631	-0.002	4336	2377	AK-102 (C10-C25)	688718	53
C14	3.047	0.002	770	501	AK-103 (C25-C36)	1838751	330
C16	3.408	0.004	2341	1497	OR.DIES (C10-C28)	1377168	92
C18	3.734	0.000	5159	3524	OR.MOIL (C28-C40)	1231350	177
C20	4.132	-0.001	5601	4496			
C22	4.520	0.000	11529	12394			
C24	4.840	0.000	18909	17402			
C25	4.976	-0.001	74308	66837			
C26	5.099	-0.001	30238	36194			
C28	5.321	-0.002	40412	50120			
C32	5.701	-0.003	30446	51753			
C34	5.897	-0.004	17317	28900	CREOSOT (C12-C22)	307043	84
Filter Peak	7.763	-0.004	168	80			
C36	6.142	0.009	7409	5279			
C38	6.428	0.006	3067	2343			
C40	6.799	-0.006	1133	1009			
o-terph	3.901	-0.001	1236491	626904	JET-A (C10-C18)	222175	17
Triacon Surr	5.523	-0.002	1291655	601776			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	626904	40.7	90.5
Triacontane	601776	52.5	116.6

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a024.d

Date : 12-JUN-2009 22:36

Client ID: BW-03-SS-090602

Sample Info: PB06C

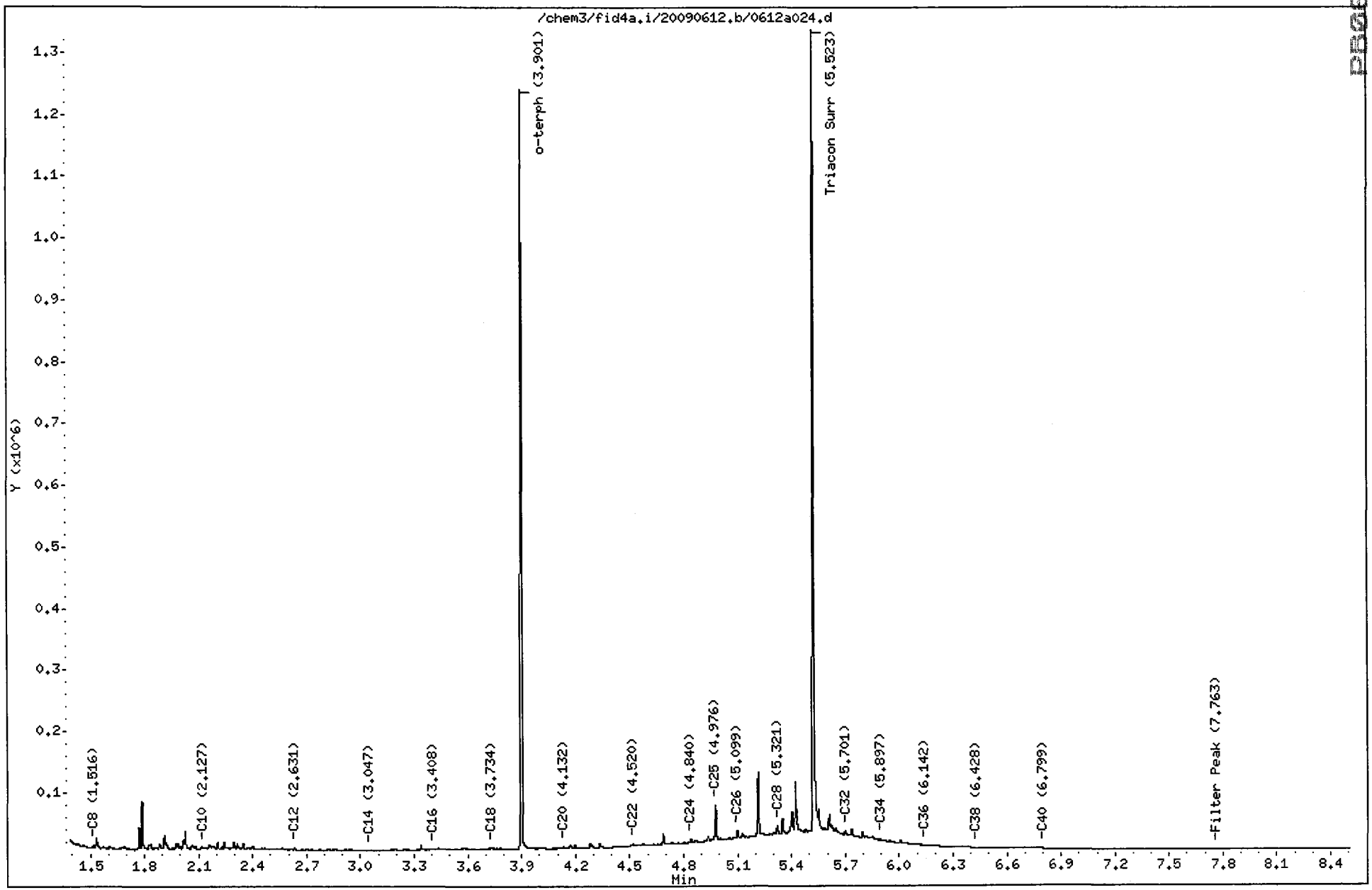
Instrument: fid4a.i

Operator: MS

Column phase: RTX-1

Column diameter: 0.25

PB06 : 61022



MS 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a025.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06D
Client ID: BW-04-SS-090602
Injection: 12-JUN-2009 22:50
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.389	-0.008	33519	38356	GAS (Tol-C12)	485729	24
C8	1.507	0.000	5084	4927	DIESEL (C12-C24)	1063992	100
C10	2.131	-0.002	5214	4077	M.OIL (C24-C38)	3876060	539
C12	2.632	-0.001	4332	2255	AK-102 (C10-C25)	1237730	96
C14	3.041	-0.004	761	350	AK-103 (C25-C36)	3704846	664
C16	3.408	0.003	3259	3464	OR.DIES (C10-C28)	2705451	181
C18	3.735	0.001	7822	6117	OR.MOIL (C28-C40)	2407364	347
C20	4.134	0.002	9706	8748			
C22	4.519	-0.001	23675	28257			
C24	4.839	-0.001	38815	37194			
C25	4.975	-0.002	139198	117230			
C26	5.099	-0.001	63058	93997			
C28	5.320	-0.003	84453	110038			
C32	5.700	-0.004	59940	83323			
C34	5.897	-0.004	35476	42904	CREOSOT (C12-C22)	563865	155
Filter Peak	7.771	0.004	234	111			
C36	6.130	-0.004	15320	13990			
C38	6.409	-0.013	6439	15133			
C40	6.797	-0.008	1903	1362			
o-terph	3.901	0.000	1236497	634351	JET-A (C10-C18)	260764	20
Triacon Surr	5.522	-0.003	1317706	616539			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	634351	41.2	91.6
Triacontane	616539	53.7	119.4

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a025.d

Date : 12-JUN-2009 22:50

Client ID: BW-04-SS-090602

Sample Info: PB06D

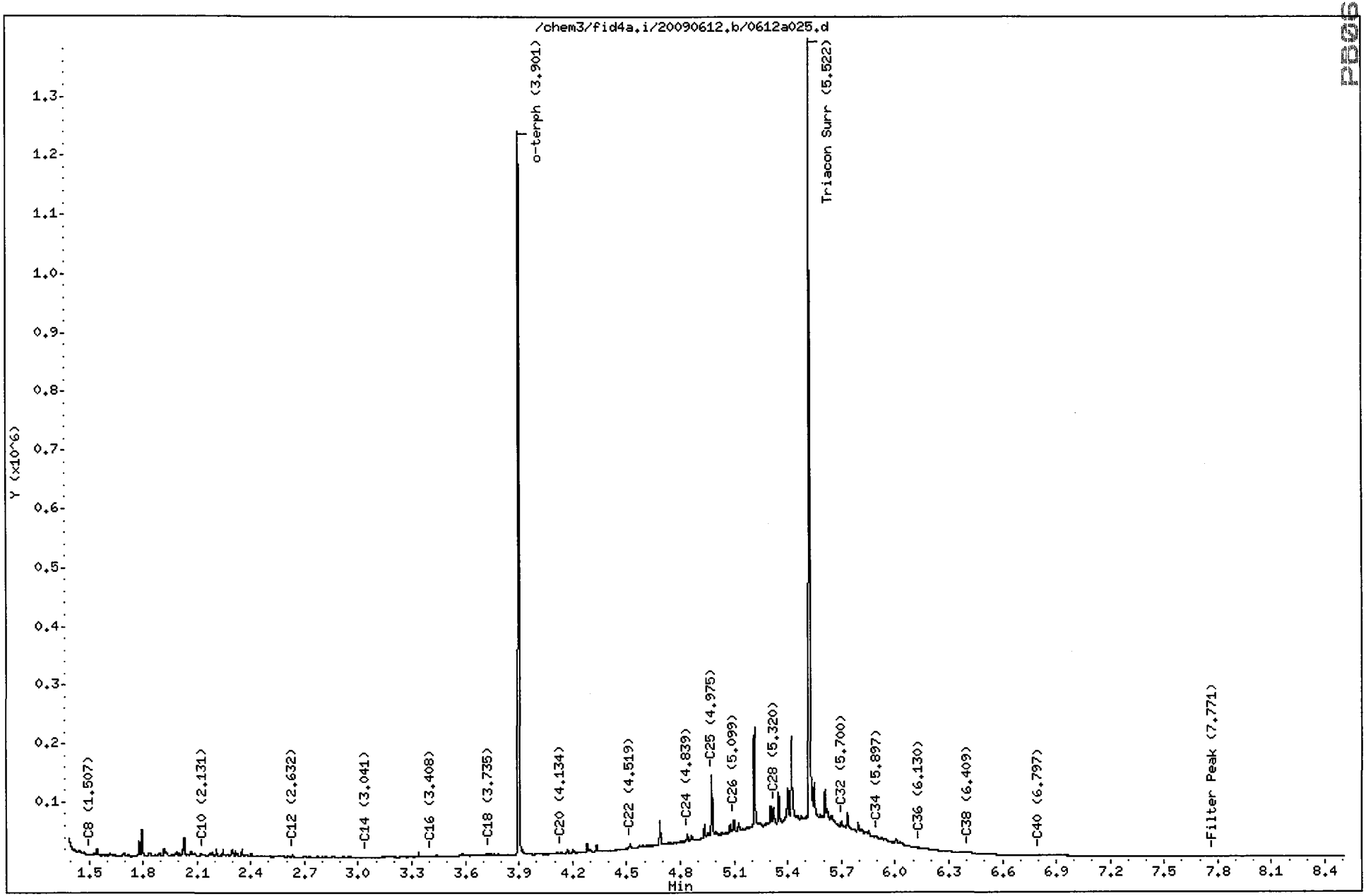
Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25

PB06:061021



MS 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a026.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06E
Client ID: BW-05-SS-090602
Injection: 12-JUN-2009 23:05
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.405	0.008	12476	7031	GAS (Tol-C12)	494216	25
C8	1.498	-0.009	4766	5136	DIESEL (C12-C24)	693746	65
C10	2.129	-0.005	5128	3883	M.OIL (C24-C38)	2277381	317
C12	2.632	0.000	4010	2195	AK-102 (C10-C25)	833584	65
C14	3.040	-0.005	769	295	AK-103 (C25-C36)	2191662	393
C16	3.408	0.004	3150	1836	OR.DIES (C10-C28)	1690600	113
C18	3.734	0.000	6697	4873	OR.MOIL (C28-C40)	1433787	206
C20	4.133	0.001	6939	6590			
C22	4.517	-0.003	14130	12107			
C24	4.838	-0.002	23791	21613			
C25	4.975	-0.003	134986	85941			
C26	5.098	-0.002	39009	49714			
C28	5.319	-0.004	58034	60587			
C32	5.699	-0.005	33757	26752			
C34	5.895	-0.006	18902	30448	CREOSOT (C12-C22)	408437	112
Filter Peak	7.771	0.005	171	48			
C36	6.139	0.005	8311	6880			
C38	6.447	0.025	3306	2511			
C40	6.820	0.015	1156	388			
o-terph	3.901	0.000	1279826	644457	JET-A (C10-C18)	244407	18
Triacon Surr	5.521	-0.003	1343111	623482			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	644457	41.9	93.0
Triacontane	623482	54.4	120.8

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a026.d

Date : 12-JUN-2009 23:05

Client ID: BW-05-SS-090602

Sample Info: PB06E

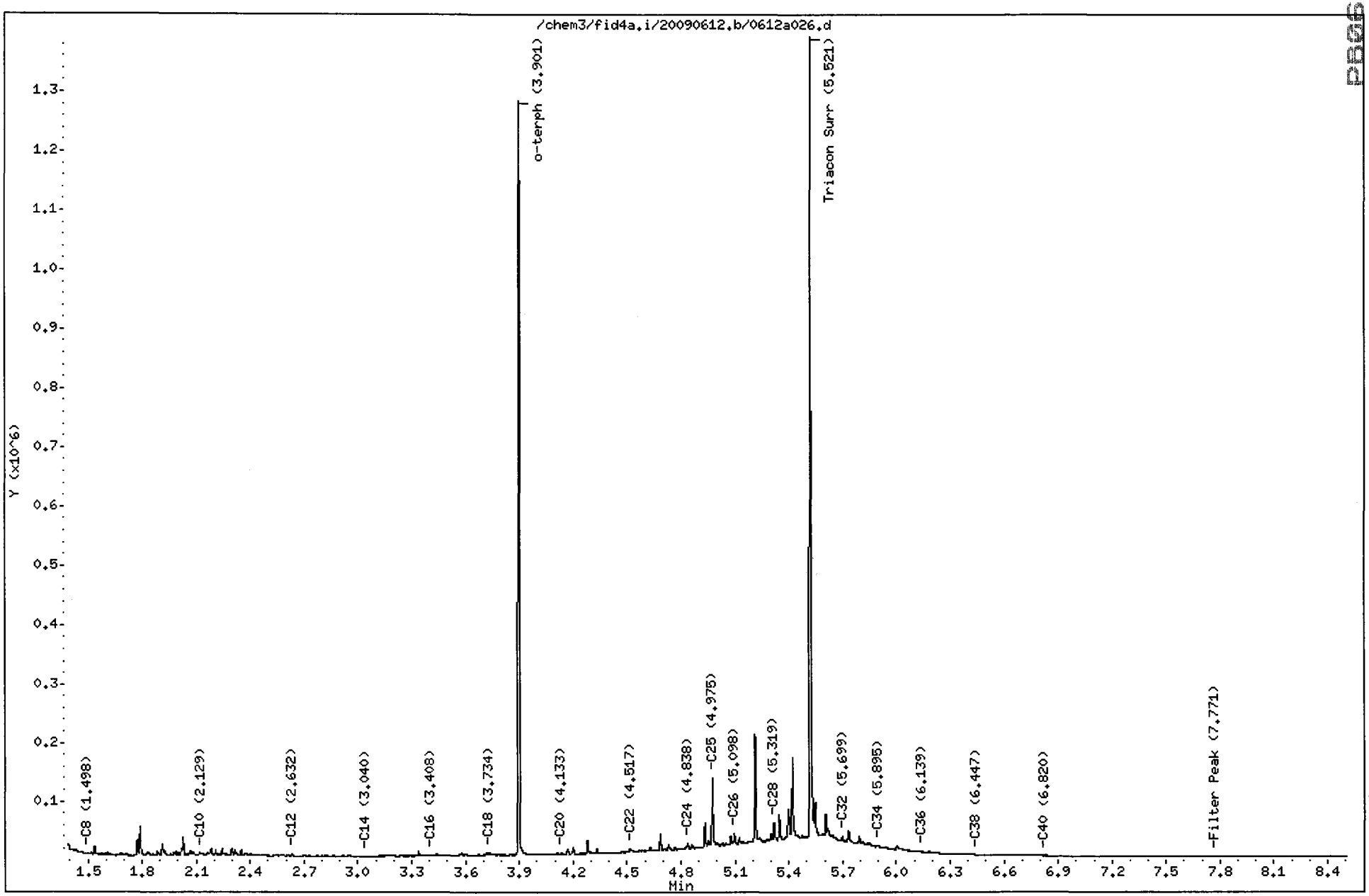
Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25

PB06 : 61026



MS 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a027.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06F
Client ID: BW-06-SS-090602
Injection: 12-JUN-2009 23:19

Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.387	-0.010	23009	6397	GAS (Tol-C12)	372775	19
C8	1.507	-0.001	4473	4356	DIESEL (C12-C24)	338724	32
C10	2.136	0.003	4703	1870	M.OIL (C24-C38)	1179465	164
C12	2.633	0.000	2294	1059	AK-102 (C10-C25)	425524	33
C14	3.048	0.003	310	211	AK-103 (C25-C36)	1125786	202
C16	3.410	0.006	1222	1206	OR.DIES (C10-C28)	845250	56
C18	3.734	0.000	3587	2982	OR.MOIL (C28-C40)	771032	111
C20	4.133	0.001	3415	3048			
C22	4.522	0.002	6601	8317			
C24	4.840	-0.001	11252	10028			
C25	4.975	-0.003	57380	43124			
C26	5.098	-0.002	19261	23615			
C28	5.320	-0.002	27581	29732			
C32	5.704	-0.001	18336	22266			
C34	5.900	-0.001	10009	14938	CREOSOT (C12-C22)	196498	54
Filter Peak	7.761	-0.005	138	103			
C36	6.129	-0.005	4619	3228			
C38	6.403	-0.019	2346	4315			
C40	6.819	0.014	813	610			
o-terph	3.902	0.000	1308308	679726	JET-A (C10-C18)	124863	9
Triacon Surr	5.524	0.000	1374009	652398			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	679726	44.2	98.1
Triacontane	652398	56.9	126.4

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a027.d

Date : 12-JUN-2009 23:19

Client ID: BW-06-SS-090602

Sample Info: PB06F

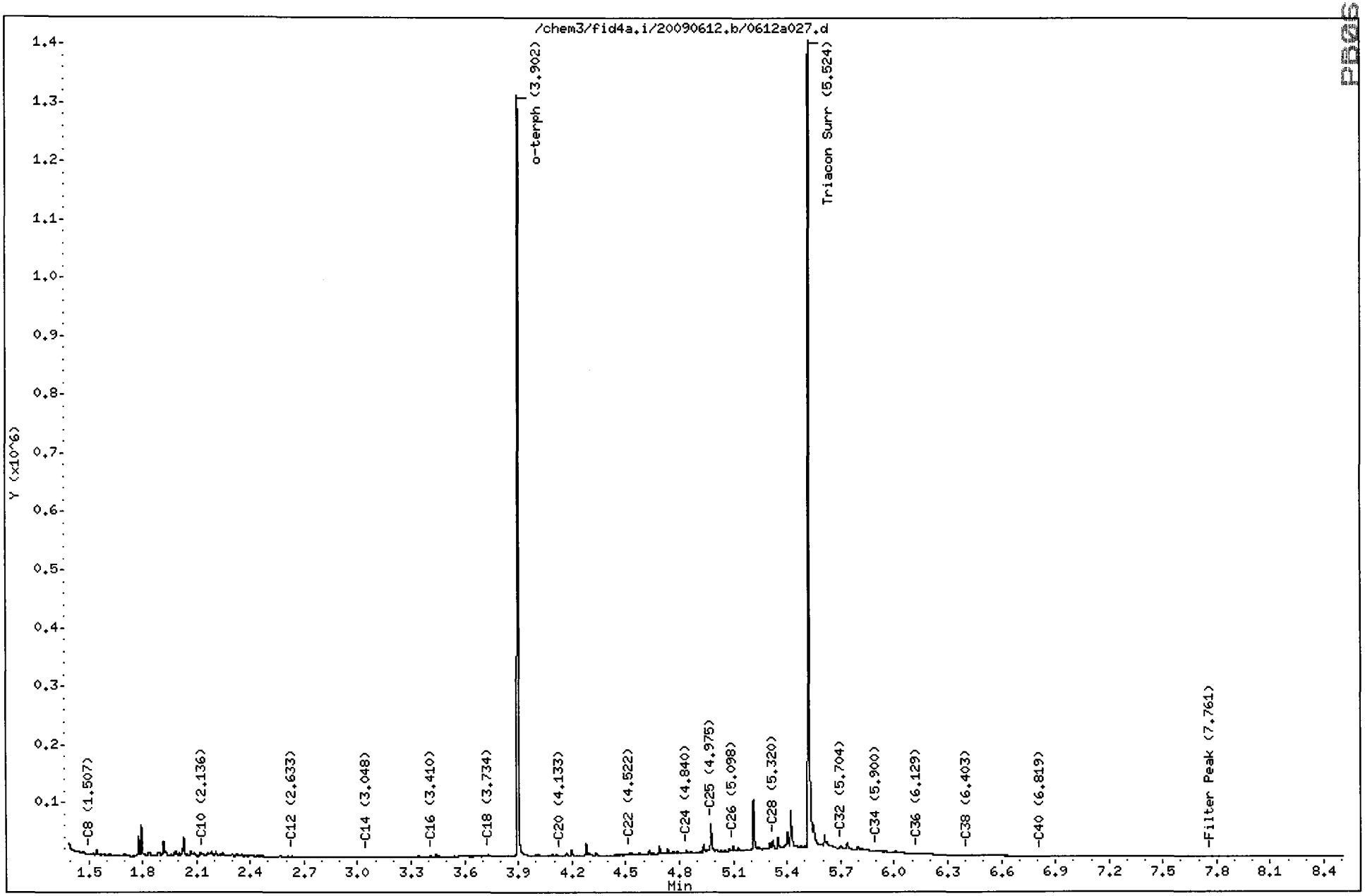
Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25

PB06 : 061028



Mb 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a030.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06G
Client ID: BW-07-SS-090602
Injection: 13-JUN-2009 00:01

Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.387	-0.010	33783	39909	GAS (Tol-C12)	512644	26
C8	1.507	-0.001	4608	4390	DIESEL (C12-C24)	2146976	201
C10	2.130	-0.003	4936	3263	M.OIL (C24-C38)	9573432	1332
C12	2.631	-0.001	3530	1753	AK-102 (C10-C25)	2414536	187
C14	3.051	0.006	1286	1115	AK-103 (C25-C36)	9059313	1624
C16	3.406	0.001	5367	5424	OR.DIES (C10-C28)	5650340	377
C18	3.733	-0.001	15830	11255	OR.MOIL (C28-C40)	6348594	914
C20	4.135	0.002	18336	21426			
C22	4.520	0.000	40412	46510			
C24	4.841	0.001	76512	52514			
C25	4.977	-0.001	137733	180463			
C26	5.100	0.000	132526	143757			
C28	5.322	-0.001	170416	188480			
C32	5.709	0.005	137865	57349			
C34	5.894	-0.007	102848	139790	CREOSOT (C12-C22)	1050857	289
Filter Peak	7.765	-0.001	563	284			
C36	6.126	-0.007	46206	74100			
C38	6.429	0.007	16238	24951			
C40	6.810	0.005	4707	3420			
o-terph	3.901	0.000	1344492	713310	JET-A (C10-C18)	337276	25
Triacon Surr	5.522	-0.002	1418642	683354			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	713310	46.3	103.0
Triacontane	683354	59.6	132.4

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a030.d

Date : 13-JUN-2009 00:01

Client ID: BW-07-SS-090602

Sample Info: PB06G

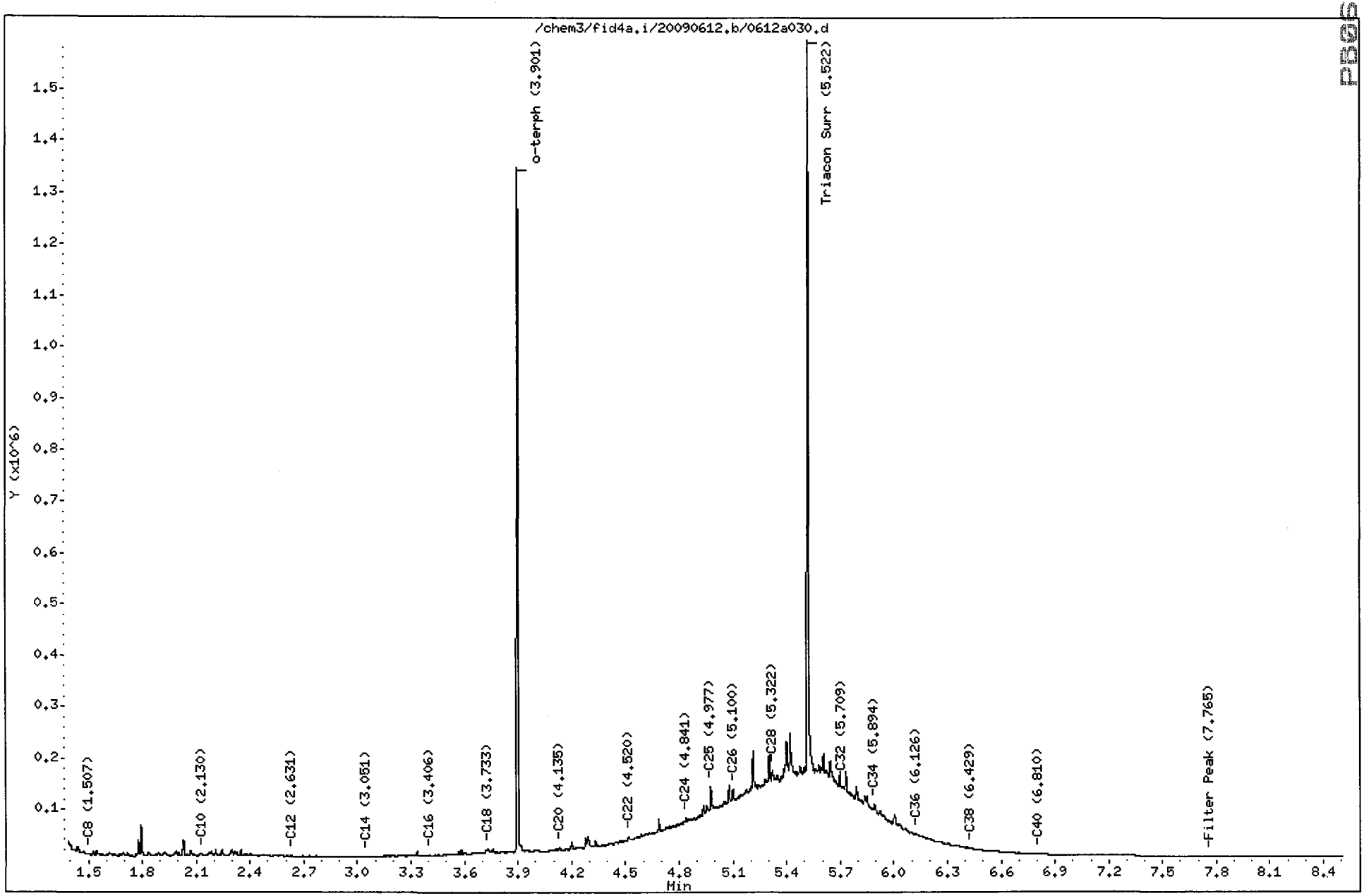
Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25

PB06:61636



Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a033.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06H
Client ID: BW-08-SS-090602
Injection: 13-JUN-2009 00:43
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.376	-0.021	31600	45813	GAS (Tol-C12)	427278	22
C8	1.518	0.011	6255	4672	DIESEL (C12-C24)	961578	90
C10	2.129	-0.005	5899	3686	M.OIL (C24-C38)	2454416	342
C12	2.631	-0.001	4192	2457	AK-102 (C10-C25)	1100358	85
C14	3.050	0.005	3530	3251	AK-103 (C25-C36)	2363983	424
C16	3.407	0.002	4576	3317	OR.DIES (C10-C28)	2003724	134
C18	3.734	0.000	9169	6293	OR.MOIL (C28-C40)	1559712	225
C20	4.131	-0.001	8591	8336			
C22	4.519	-0.002	17555	24315			
C24	4.840	-0.001	24504	20878			
C25	4.976	-0.002	85522	73769			
C26	5.099	-0.001	38853	49829			
C28	5.320	-0.003	55135	49439			
C32	5.710	0.005	29647	7089			
C34	5.891	-0.010	20313	40427	CREOSOT (C12-C22)	604228	166
Filter Peak	7.769	0.002	207	138			
C36	6.125	-0.009	9233	17865			
C38	6.406	-0.016	4194	7147			
C40	6.798	-0.007	1333	1107			
o-terph	3.900	-0.001	1205342	657376	JET-A (C10-C18)	324449	25
Triacon Surr	5.520	-0.004	1372745	632343			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	657376	42.7	94.9
Triacontane	632343	55.1	122.5

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a033.d

Date : 13-JUN-2009 00:43

Client ID: BW-08-SS-090602

Sample Info: PB06H

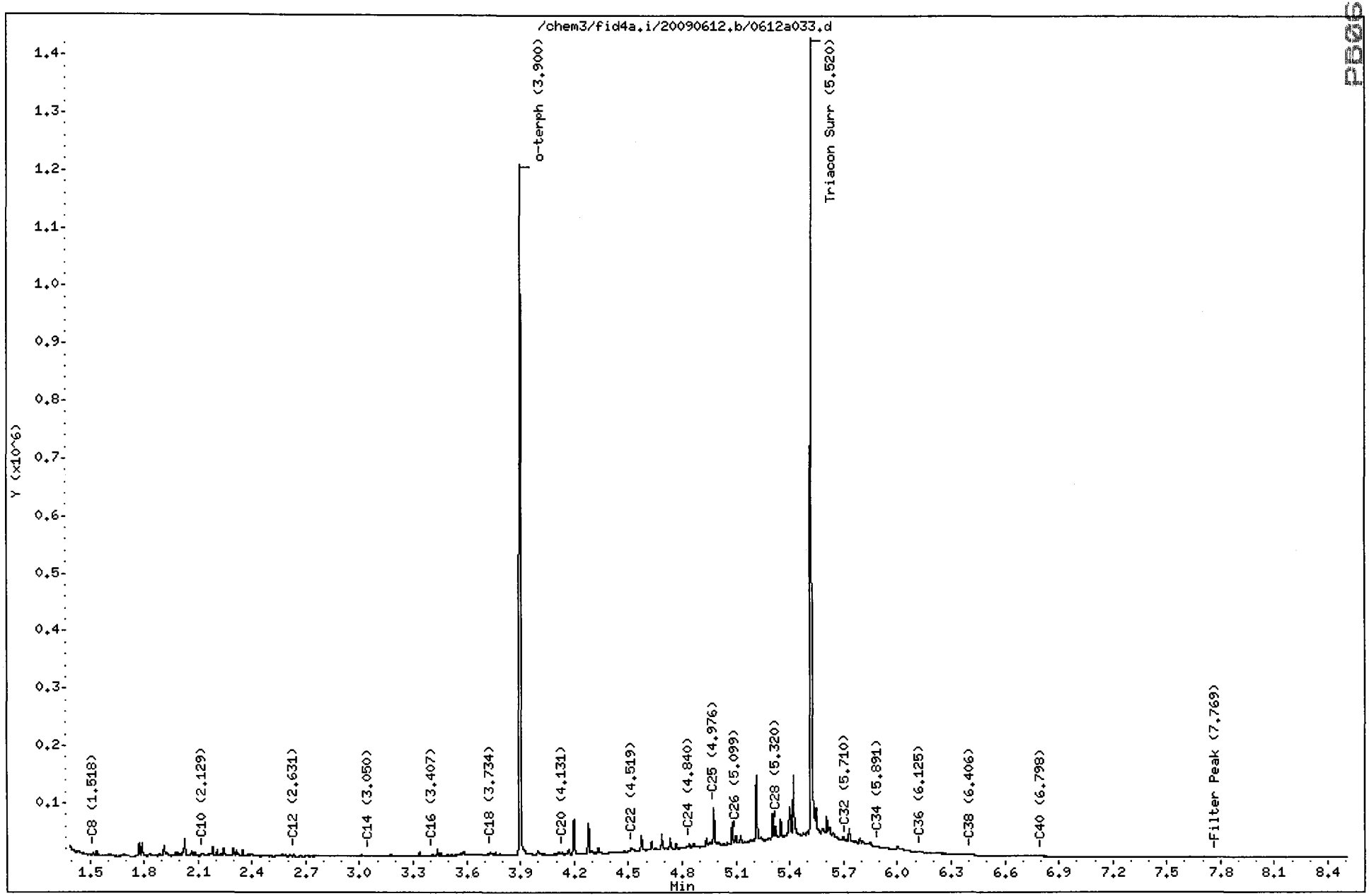
Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25

PB06 : 61632



MW 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a034.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06I
Client ID: BW-09-SS-090602
Injection: 13-JUN-2009 00:57
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.405	0.008	12347	14628	GAS (Tol-C12)	450653	23
C8	1.497	-0.010	4211	4519	DIESEL (C12-C24)	988433	93
C10	2.128	-0.005	5195	3711	M.OIL (C24-C38)	3140977	437
C12	2.631	-0.002	3362	1635	AK-102 (C10-C25)	1144252	89
C14	3.038	-0.007	530	326	AK-103 (C25-C36)	3001165	538
C16	3.407	0.002	3136	3672	OR.DIES (C10-C28)	2248944	150
C18	3.733	-0.001	9095	5283	OR.MOIL (C28-C40)	2031261	292
C20	4.130	-0.003	9657	10903			
C22	4.519	-0.001	21506	19863			
C24	4.840	0.000	29603	25665			
C25	4.975	-0.002	80499	74863			
C26	5.099	-0.001	47017	55518			
C28	5.319	-0.004	60307	44520			
C32	5.707	0.003	41520	13148			
C34	5.891	-0.010	27979	34092	CREOSOT (C12-C22)	557955	153
Filter Peak	7.770	0.004	228	143			
C36	6.139	0.005	12135	8125			
C38	6.426	0.004	5085	6924			
C40	6.807	0.002	1587	1332			
o-terph	3.901	0.000	1317984	672386	JET-A (C10-C18)	236681	18
Triacon Surr	5.520	-0.004	1353156	634405			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	672386	43.7	97.1
Triacontane	634405	55.3	122.9

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a034.d

Date : 13-JUN-2009 00:57

Client ID: BW-09-SS-090602

Sample Info: PB06I

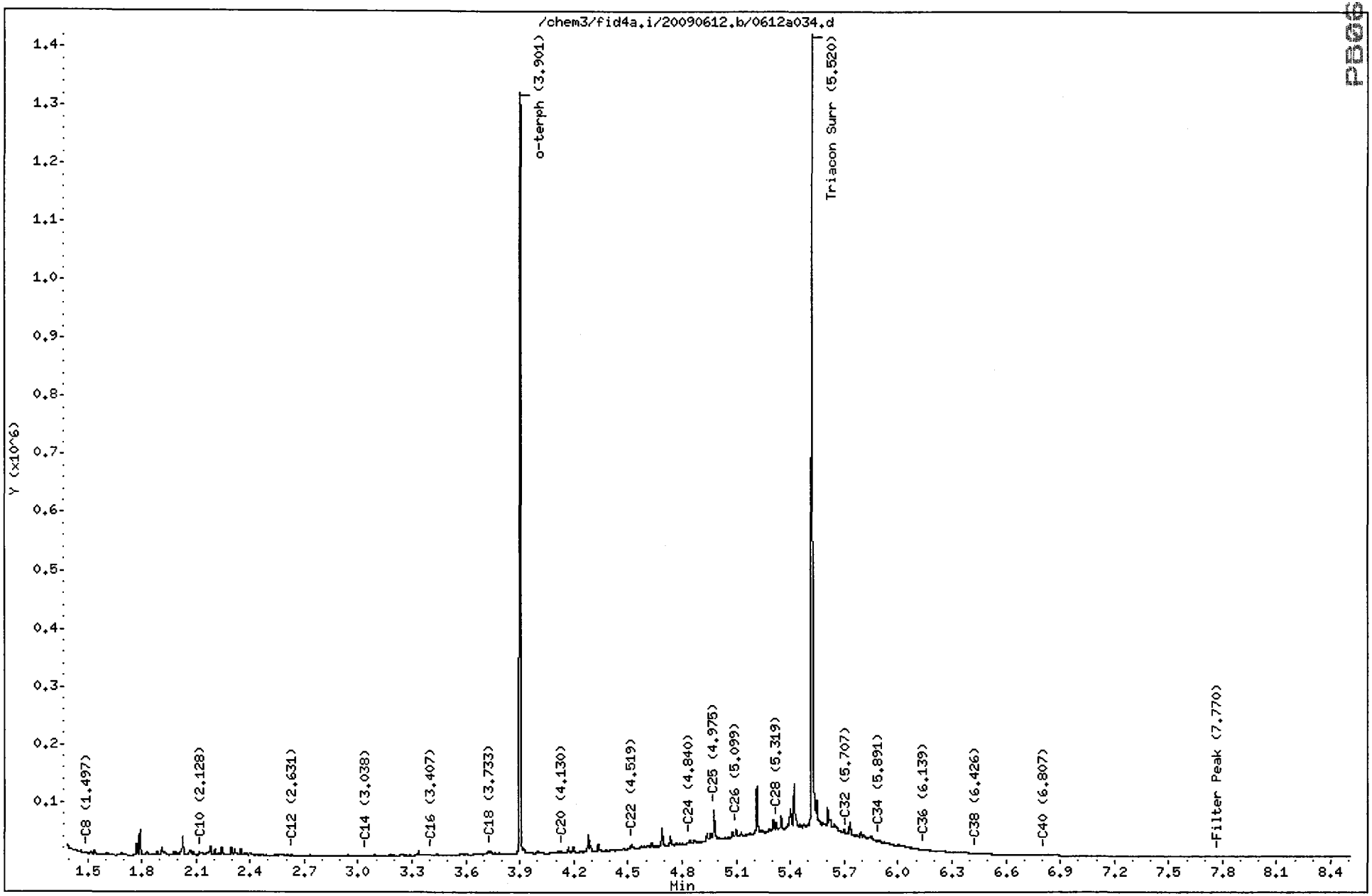
Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25

PB06I 0163H



Mus 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a035.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06J
Client ID: BW-10-SS-090602
Injection: 13-JUN-2009 01:11
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.412	0.015	10001	8034	GAS (Tol-C12)	331340	17
C8	1.517	0.010	6229	4810	DIESEL (C12-C24)	822860	77
C10	2.127	-0.007	4601	3236	M.OIL (C24-C38)	2021117	281
C12	2.631	-0.002	2088	941	AK-102 (C10-C25)	905192	70
C14	3.055	0.010	1023	1024	AK-103 (C25-C36)	1942562	348
C16	3.408	0.004	3758	4616	OR.DIES (C10-C28)	1708718	114
C18	3.745	0.011	9201	6137	OR.MOIL (C28-C40)	1226563	177
C20	4.132	-0.001	8048	6738			
C22	4.520	0.000	15665	19408			
C24	4.840	-0.001	20184	14689			
C25	4.976	-0.002	68758	52950			
C26	5.098	-0.002	31337	39403			
C28	5.318	-0.004	43990	29115			
C32	5.695	-0.010	29361	36915			
C34	5.912	0.011	14205	13987	CREOSOT (C12-C22)	528618	145
Filter Peak	7.766	-0.001	329	120			
C36	6.151	0.018	6104	3987			
C38	6.424	0.002	2827	2559			
C40	6.806	0.001	1057	807			
o-terph	3.902	0.001	1338609	684751	JET-A (C10-C18)	201677	15
Triacon Surr	5.519	-0.006	1414058	648949			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	684751	44.5	98.8
Triacontane	648949	56.6	125.7

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a035.d

Date : 13-JUN-2009 01:11

Client ID: BW-10-SS-090602

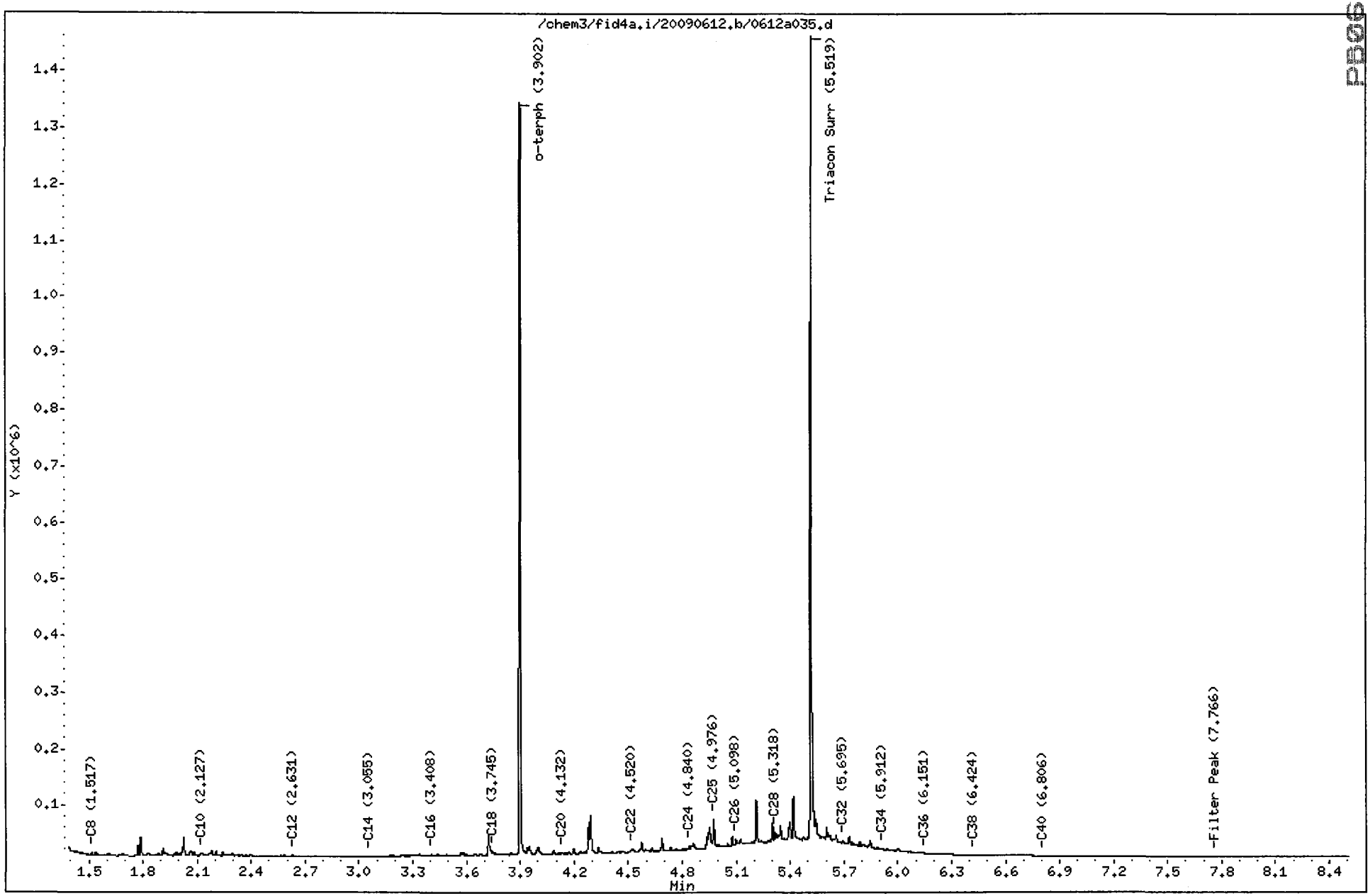
Sample Info: PB06J

Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25



Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a036.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06K
Client ID: BW-11-SS-090602
Injection: 13-JUN-2009 01:25

Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.375	-0.022	31791	46966	GAS (Tol-C12)	472466	24
C8	1.499	-0.009	4541	4616	DIESEL (C12-C24)	722409	68
C10	2.142	0.009	3374	2130	M.OIL (C24-C38)	2572605	358
C12	2.633	0.000	2695	1334	AK-102 (C10-C25)	846236	66
C14	3.039	-0.006	428	252	AK-103 (C25-C36)	2474455	444
C16	3.408	0.003	2619	3062	OR.DIES (C10-C28)	1898345	127
C18	3.734	0.000	6495	5750	OR.MOIL (C28-C40)	1525641	220
C20	4.136	0.003	7498	5985			
C22	4.520	0.000	16770	18364			
C24	4.839	-0.002	30997	26875			
C25	4.976	-0.002	287326	148554			
C26	5.098	-0.002	51164	52138			
C28	5.319	-0.003	80998	72354			
C32	5.697	-0.007	38877	43422			
C34	5.893	-0.008	19584	33038	CREOSOT (C12-C22)	406554	112
Filter Peak	7.766	0.000	196	95			
C36	6.141	0.007	8227	8499			
C38	6.436	0.014	3216	3857			
C40	6.818	0.013	1124	597			
o-terph	3.902	0.000	1285398	662313	JET-A (C10-C18)	202052	15
Triacon Surr	5.520	-0.005	1409733	645684			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	662313	43.0	95.6
Triacontane	645684	56.3	125.1

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a036.d

Date : 13-JUN-2009 01:25

Client ID: BW-11-SS-090602

Sample Info: PB06K

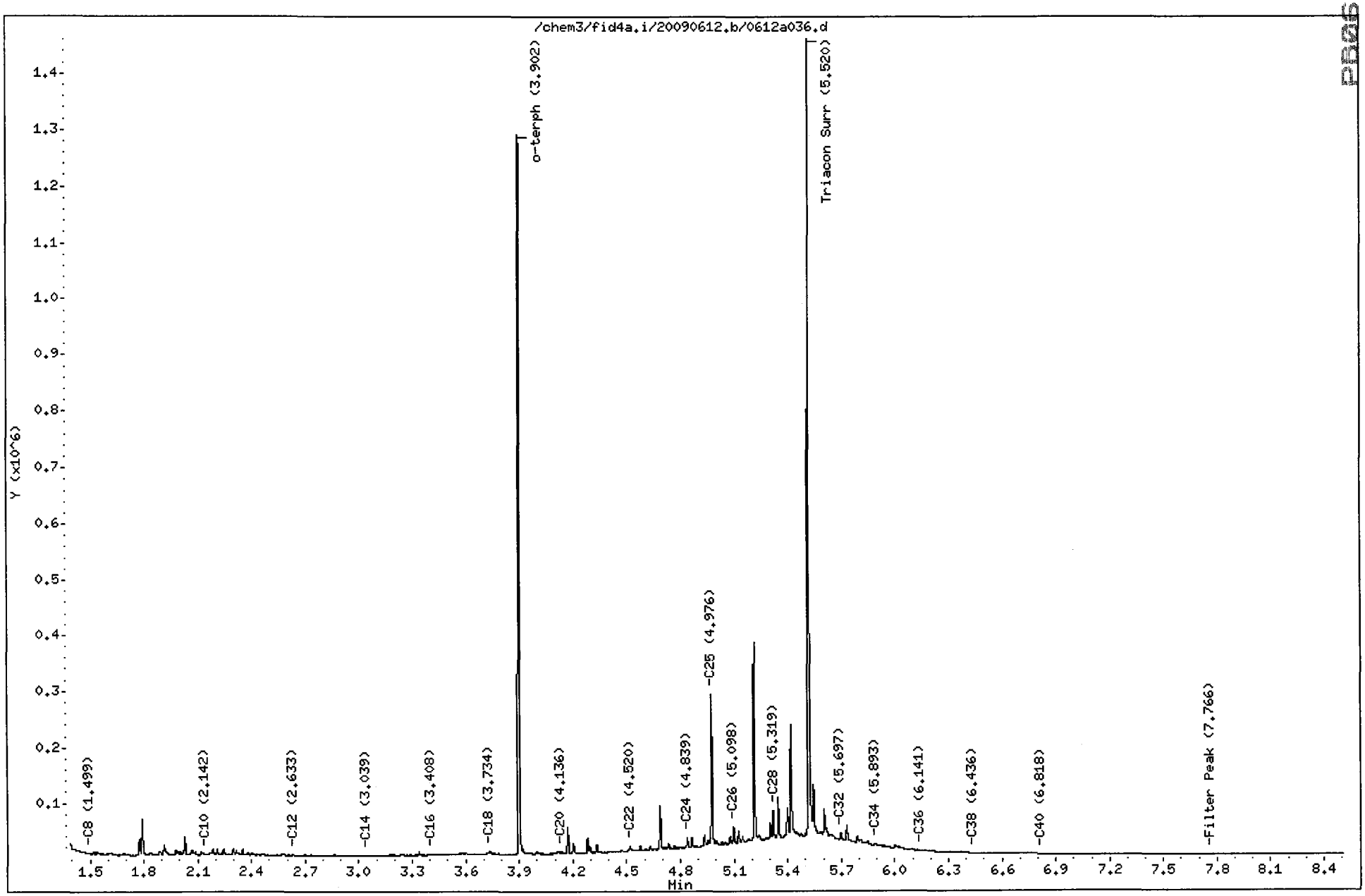
Instrument: fid4a.i

Operator: MS

Column phase: RTX-1

Column diameter: 0.25

PB06-016636



MS 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a037.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06L
Client ID: BW-12-SS-090602
Injection: 13-JUN-2009 01:39
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.375	-0.022	32480	47937	GAS (Tol-C12)	453566	23
C8	1.497	-0.010	4517	4473	DIESEL (C12-C24)	662094	62
C10	2.129	-0.004	4856	3282	M.OIL (C24-C38)	2309882	321
C12	2.631	-0.001	3102	1516	AK-102 (C10-C25)	792398	62
C14	3.053	0.008	1316	1159	AK-103 (C25-C36)	2209479	396
C16	3.408	0.004	3325	2170	OR.DIES (C10-C28)	1658503	111
C18	3.735	0.001	6706	4357	OR.MOIL (C28-C40)	1449054	209
C20	4.136	0.004	6603	5752			
C22	4.522	0.002	14066	11244			
C24	4.841	0.001	25198	28391			
C25	4.978	0.000	147304	89746			
C26	5.100	0.000	40569	51325			
C28	5.321	-0.002	58133	50143			
C32	5.698	-0.007	37420	38574			
C34	5.894	-0.007	20025	33342	CREOSOT (C12-C22)	383405	105
Filter Peak	7.770	0.003	160	64			
C36	6.123	-0.011	8929	9632			
C38	6.448	0.026	3488	2925			
C40	6.796	-0.009	1289	1366			
o-terph	3.903	0.002	1273689	656115	JET-A (C10-C18)	214098	16
Triacon Surr	5.521	-0.004	1321694	626738			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	656115	42.6	94.7
Triacontane	626738	54.6	121.4

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a037.d

Date : 13-JUN-2009 01:39

Client ID: BW-12-SS-090602

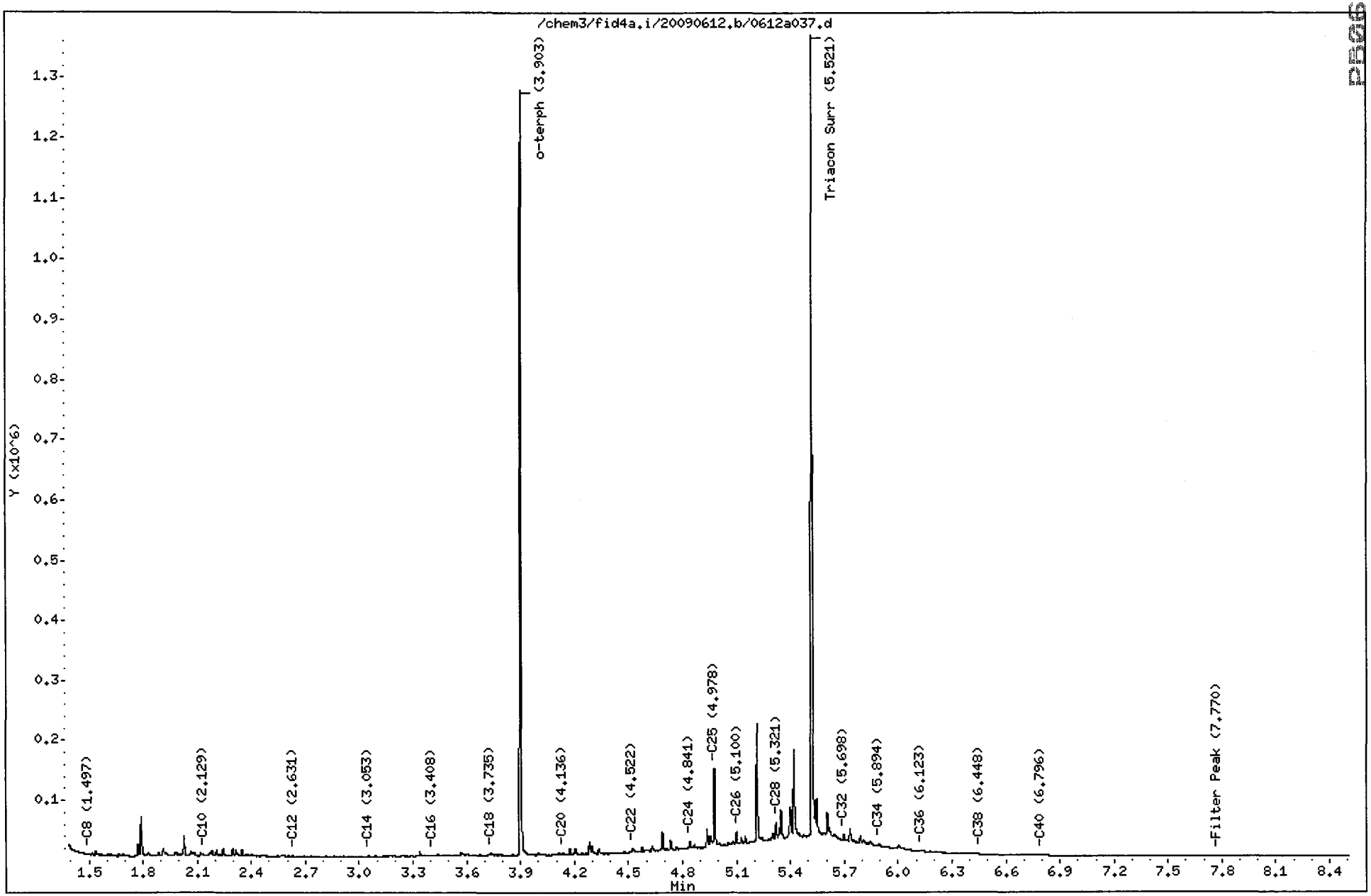
Sample Info: PB06L

Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25



MM 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a038.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06M
Client ID: BW-53-SS-090602
Injection: 13-JUN-2009 01:53

Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.374	-0.023	31299	38512	GAS (Tol-C12)	399229	20
C8	1.516	0.008	6594	5055	DIESEL (C12-C24)	664246	62
C10	2.127	-0.006	4391	2937	M.OIL (C24-C38)	2583775	360
C12	2.631	-0.002	2924	1332	AK-102 (C10-C25)	794333	62
C14	3.038	-0.007	309	162	AK-103 (C25-C36)	2467115	442
C16	3.409	0.004	2520	2761	OR.DIES (C10-C28)	1692954	113
C18	3.735	0.001	6068	4141	OR.MOIL (C28-C40)	1682494	242
C20	4.133	0.001	6956	5735			
C22	4.519	-0.001	15308	20329			
C24	4.839	-0.001	24913	23082			
C25	4.976	-0.002	92727	78829			
C26	5.099	-0.001	40442	45119			
C28	5.319	-0.004	53626	55244			
C32	5.696	-0.009	40704	73549			
C34	5.891	-0.010	23161	42369	CREOSOT (C12-C22)	367302	101
Filter Peak	7.772	0.005	189	88			
C36	6.138	0.004	10016	9747			
C38	6.407	-0.015	4418	3796			
C40	6.787	-0.018	1436	2860			
o-terph	3.902	0.001	1202743	619173	JET-A (C10-C18)	172369	13
Triacon Surr	5.519	-0.006	1285958	590912			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	619173	40.2	89.4
Triacontane	590912	51.5	114.5

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a038.d

Date : 13-JUN-2009 01:53

Client ID: BW-53-SS-090602

Sample Info: PB06M

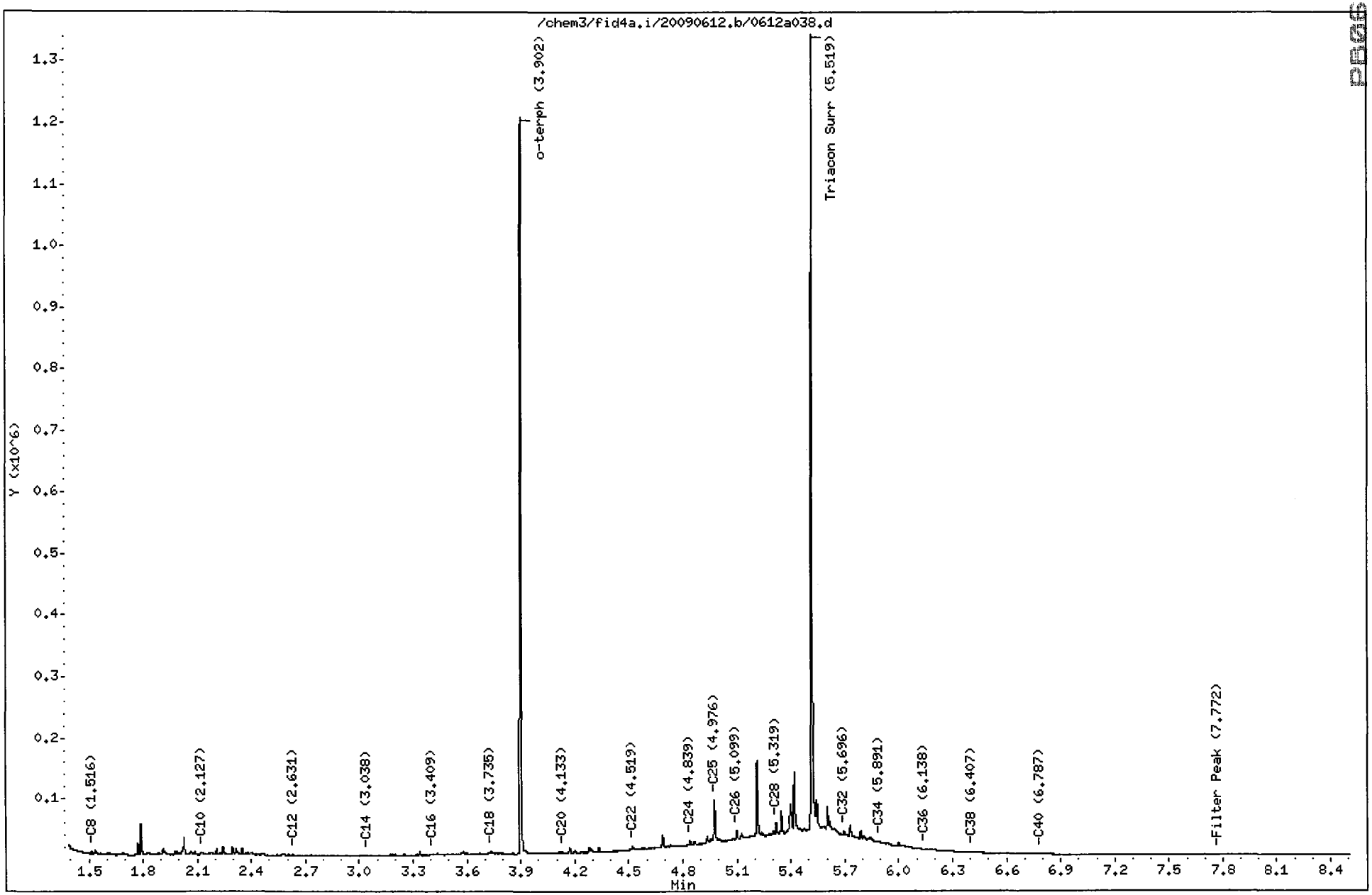
Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25

PB06 : 061012



Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a039.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06N
Client ID: BW-54-SS-090602
Injection: 13-JUN-2009 02:07
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.408	0.011	6038	7143	GAS (Tol-C12)	294899	15
C8	1.516	0.009	11187	9083	DIESEL (C12-C24)	688388	64
C10	2.135	0.001	3108	1693	M.OIL (C24-C38)	2680207	373
C12	2.630	-0.002	2695	1288	AK-102 (C10-C25)	809196	63
C14	3.049	0.004	377	278	AK-103 (C25-C36)	2553273	458
C16	3.408	0.004	2333	1663	OR.DIES (C10-C28)	1747750	117
C18	3.735	0.001	5751	7741	OR.MOIL (C28-C40)	1749164	252
C20	4.134	0.002	7070	6154			
C22	4.519	-0.001	15081	19159			
C24	4.840	-0.001	24714	21680			
C25	4.976	-0.002	88687	69380			
C26	5.099	-0.001	40305	53391			
C28	5.320	-0.002	53813	74595			
C32	5.698	-0.006	41364	62963			
C34	5.896	-0.005	25271	33241	CREOSOT (C12-C22)	365374	100
Filter Peak	7.762	-0.004	253	262			
C36	6.142	0.008	11593	3898			
C38	6.441	0.019	4551	4301			
C40	6.809	0.004	1579	1061			
o-terph	3.901	0.000	1113234	606234	JET-A (C10-C18)	167194	13
Triacon Surr	5.521	-0.004	1272359	570950			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	606234	39.4	87.5
Triacontane	570950	49.8	110.6

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a039.d

Date : 13-JUN-2009 02:07

Client ID: BW-54-SS-090602

Sample Info: PB06N

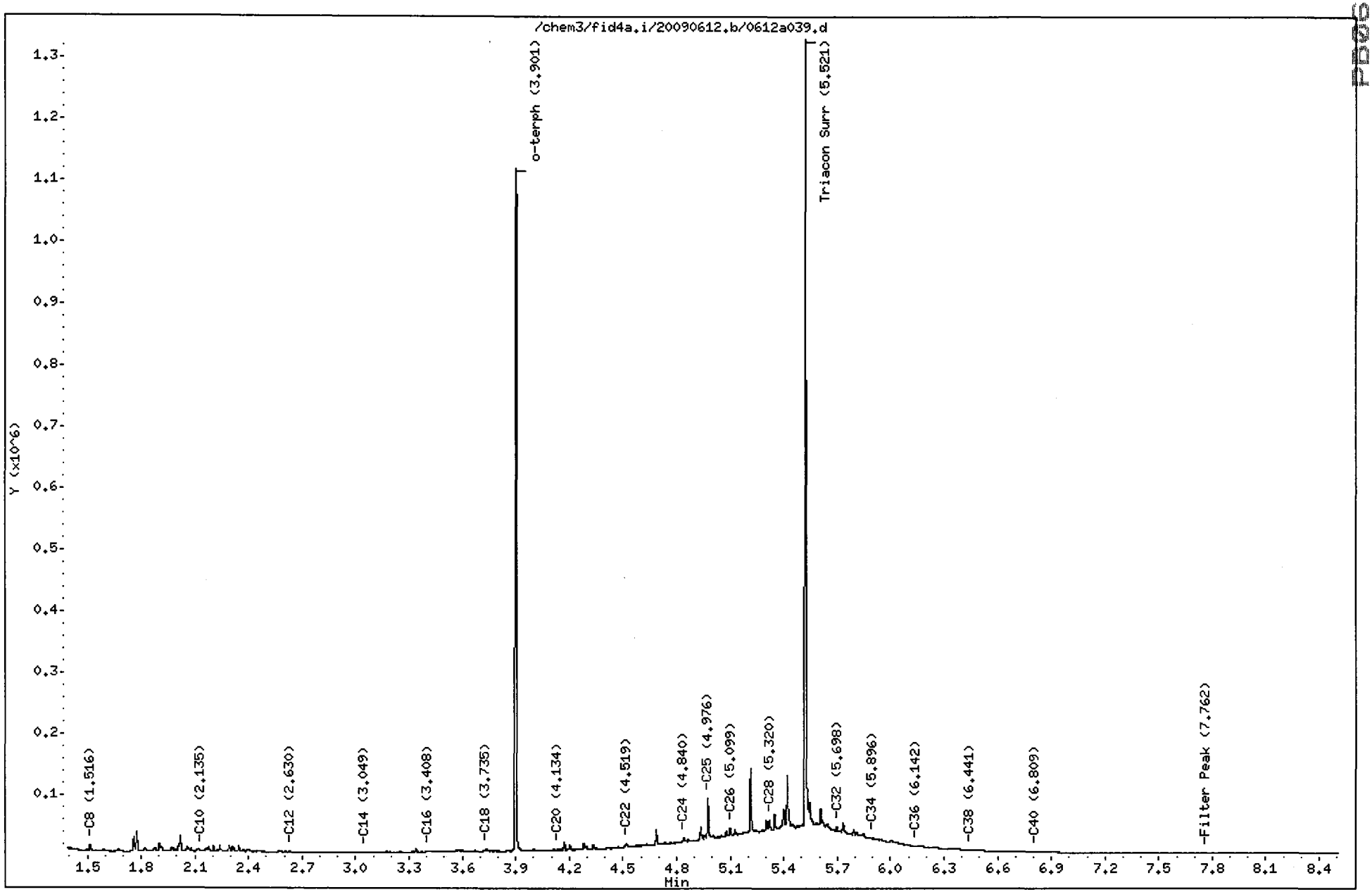
Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25

PB06N 061209.d



ANALYTICAL RESOURCES INCORPORATED

TOTAL DIESEL RANGE HYDROCARBONS-EXTRACTION REPORT

Matrix: Sediment
Date Received: 06/02/09

ARI Job: PB06
Project: Bay Wood Products 080207-02

ARI ID	Client ID	Client Amt	Final Vol	Basis	Prep Date
09-12542-PB06A	BW-01-SS-090602	4.80 g	1.00 mL	D	06/08/09
09-12543-PB06B	BW-02-SS-090602	7.39 g	1.00 mL	D	06/08/09
09-12544-PB06C	BW-03-SS-090602	4.90 g	1.00 mL	D	06/08/09
09-12545-PB06D	BW-04-SS-090602	4.91 g	1.00 mL	D	06/08/09
09-12546-PB06E	BW-05-SS-090602	5.55 g	1.00 mL	D	06/08/09
09-12547-PB06F	BW-06-SS-090602	6.10 g	1.00 mL	D	06/08/09
09-12548-060809MB1	Method Blank	10.0 g	1.00 mL	-	06/08/09
09-12548-060809LCS1	Lab Control	10.0 g	1.00 mL	-	06/08/09
09-12548-PB06G	BW-07-SS-090602	7.14 g	1.00 mL	D	06/08/09
09-12548-PB06GMS	BW-07-SS-090602	7.20 g	1.00 mL	D	06/08/09
09-12548-PB06GMSD	BW-07-SS-090602	7.07 g	1.00 mL	D	06/08/09
09-12549-PB06H	BW-08-SS-090602	6.49 g	1.00 mL	D	06/08/09
09-12550-PB06I	BW-09-SS-090602	5.59 g	1.00 mL	D	06/08/09
09-12551-PB06J	BW-10-SS-090602	7.22 g	1.00 mL	D	06/08/09
09-12552-PB06K	BW-11-SS-090602	4.52 g	1.00 mL	D	06/08/09
09-12553-PB06L	BW-12-SS-090602	5.01 g	1.00 mL	D	06/08/09
09-12554-PB06M	BW-53-SS-090602	5.12 g	1.00 mL	D	06/08/09
09-12555-PB06N	BW-54-SS-090602	4.96 g	1.00 mL	D	06/08/09

Basis: D=Dry Weight W=As Received

TPHD Analysis
Standard Raw Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

6a
NW DIESEL INITIAL CALIBRATION

Lab Name: ANALYTICAL RESOURCES, INC. Client: ANCHOR ENVIRONMENTAL,LLC.

Instrument: FID4A.I Project: BAY WOOD PRODUCTS

Calibration Date: 11-JUN-2009 SDG No.: PB06

Diesel Range	RF1 50	RF2 100	RF3 250	RF4 500	RF5 1000	RF6 2500	Ave RF	%RSD
WA Diesel	9812	10517	11859	11552	10274	10042	10676	7.8
AK Diesel	11941	12736	14302	13923	12320	12044	12878	7.8
OR Diesel	12002	12812	14422	14069	12464	12194	12994	7.8
o-Terph	14961	14457	16334	16177	15144	15294	15395	4.7

<- Indicates %RSD outside limits
Surrogate areas are not included in Diesel RF calculation.

Quant Ranges : WA Diesel C12-C24 (2.632-4.843)
AK Diesel C10-C25 (2.134-4.980)
OR Diesel C10-C28 (2.134-5.326)

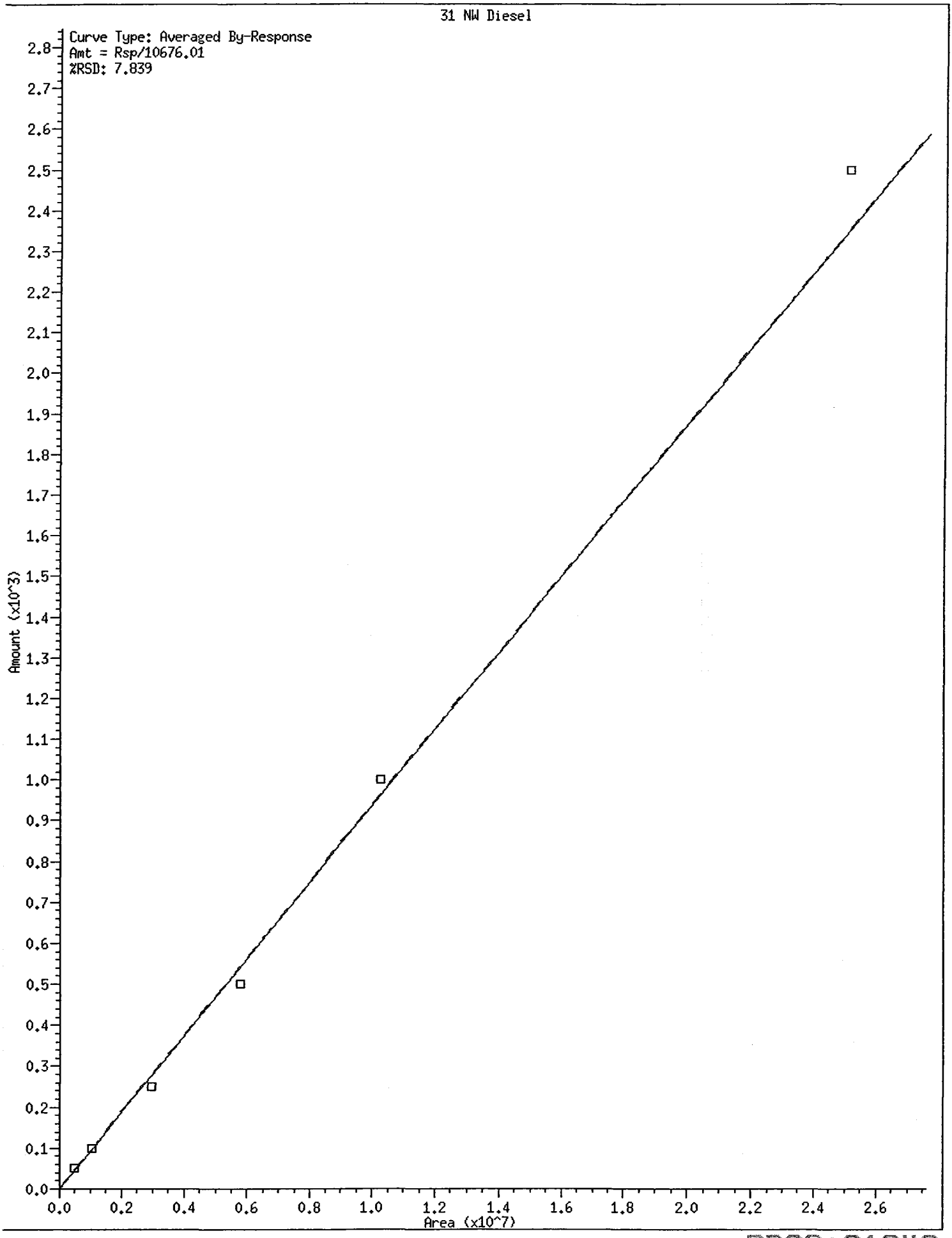
Calibration Files	Analysis Time
0610a121.d	11-JUN-2009 20:40
0610a122.d	11-JUN-2009 20:54
0610a123.d	11-JUN-2009 21:08
0610a124.d	11-JUN-2009 21:22
0610a125.d	11-JUN-2009 21:37
0610a126.d	11-JUN-2009 21:51

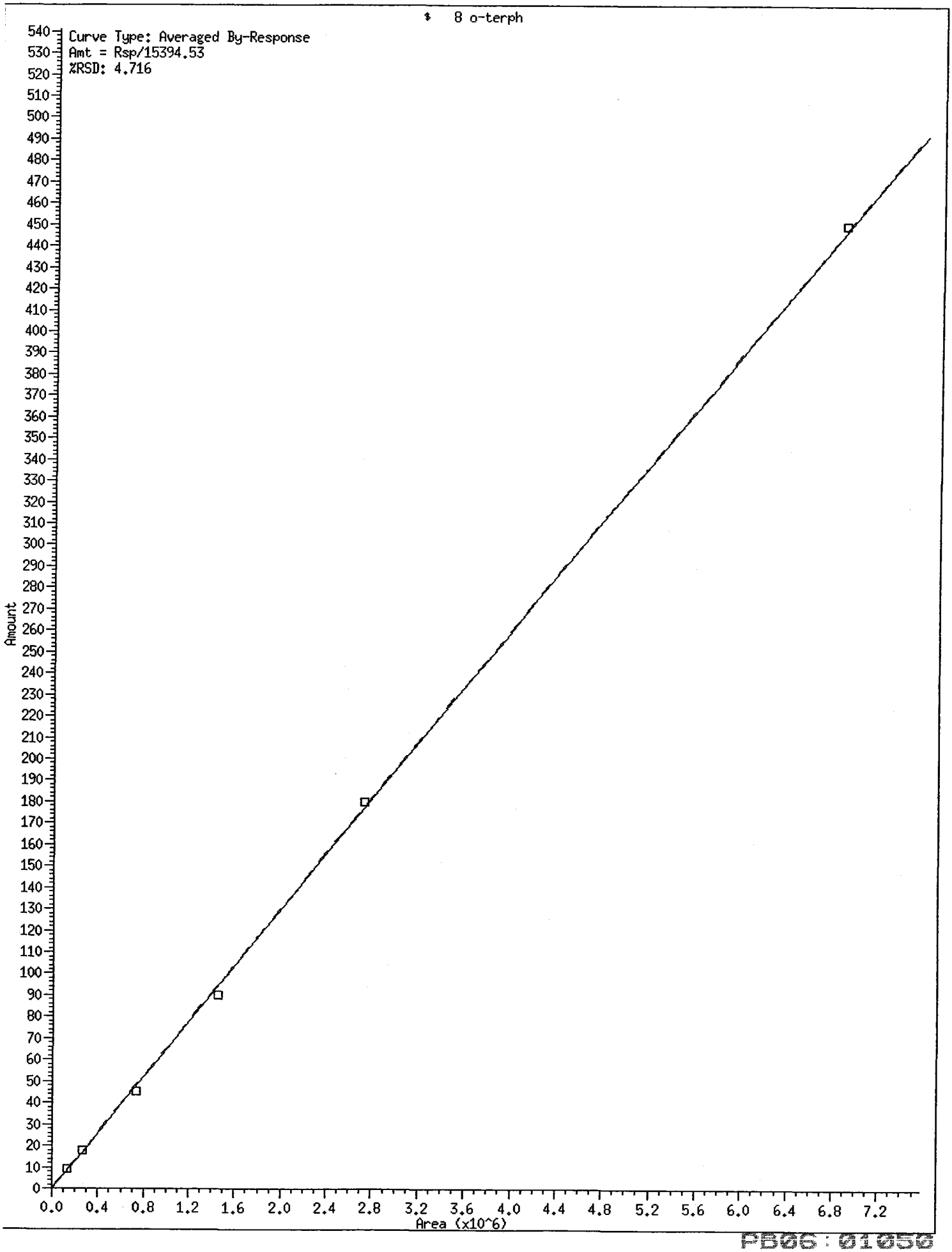
Analytical Resources, Inc.

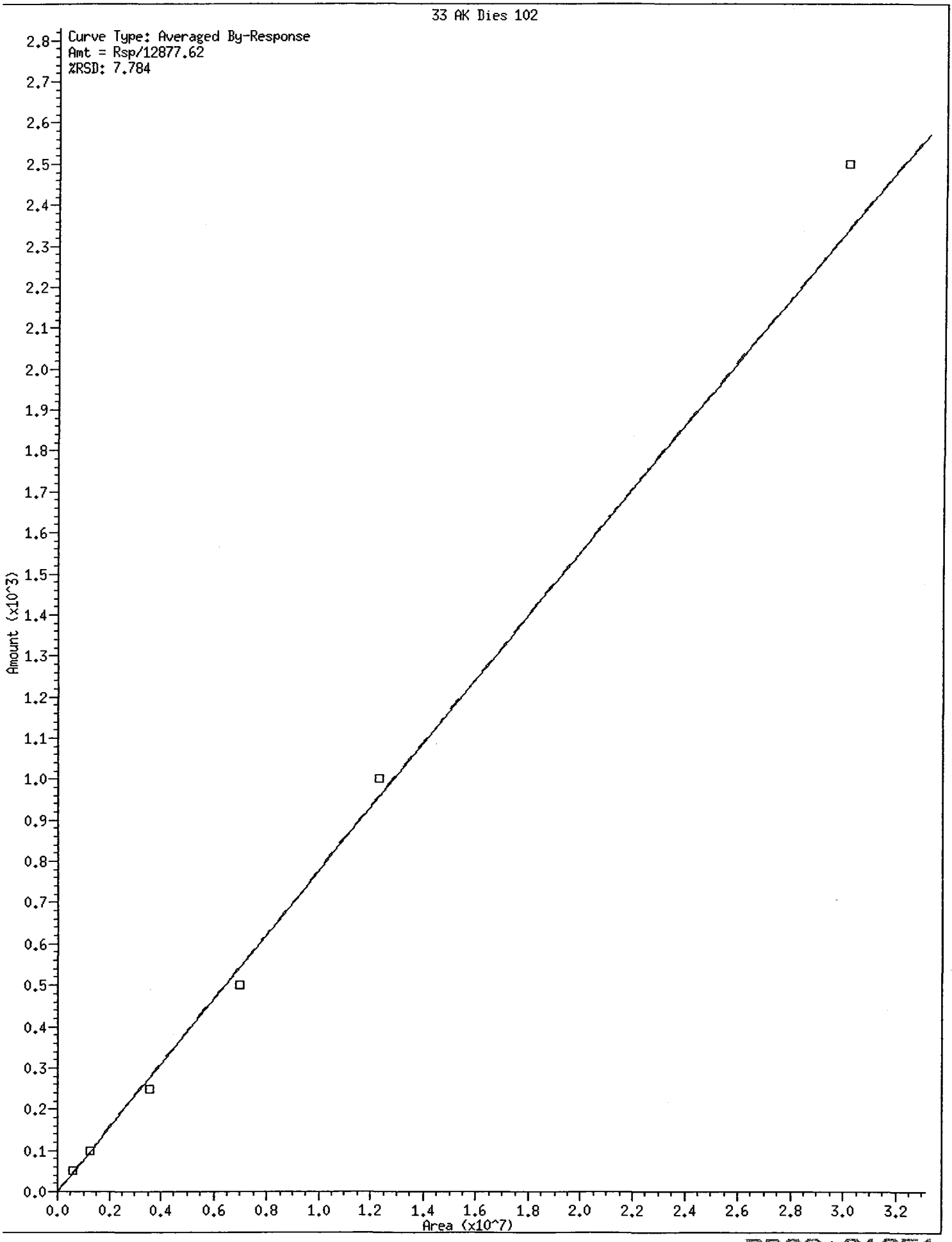
INITIAL CALIBRATION DATA

Start Cal Date : 07-MAY-2009 14:08
End Cal Date : 11-JUN-2009 21:51
Quant Method : ESTD
Origin : Disabled
Target Version : 3.50
Integrator : Falcon
Method file : /chem3/fid4a.i/20090610c.b/ftphfid4a.m
Cal Date : 12-Jun-2009 10:37 jrains
Curve Type : Average

Compound	0.000e+00 Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Level 9	Level 10	Level 11	Level 12	0.000e+00 Level 13	RRF	% RSD	
38 Bunker C	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++						+++++	+++++	<-
$ 8 o-terph	+++++	14961	14457	16334	16177	15144	15294	+++++	+++++	+++++	+++++	+++++	+++++	15395	4.716	
$ 15 Triacon Surr	+++++	+++++	+++++	+++++	+++++	+++++	+++++	9866	10435	11007	11909	12284	13327	11471	11.139	


31 NW Diesel
Curve Type: Averaged By-Response
Amt = Rsp/10676.01
%RSD: 7.839
Amount (x10^3)
Area (x10^7)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6


8 o-terph
Curve Type: Averaged By-Response
Amt = Rsp/15394.53
%RSD: 4.716
Amount
Area (x10^6)
0.0 0.4 0.8 1.2 1.6 2.0 2.4 2.8 3.2 3.6 4.0 4.4 4.8 5.2 5.6 6.0 6.4 6.8 7.2
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540


33 AK Dies 102
Curve Type: Averaged By-Response
Amt = Rsp/12877.62
%RSD: 7.784
Amount (x10^3)
Area (x10^7)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0
3.2

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090610c.b/0610a119.d
Method: /chem3/fid4a.i/20090610c.b/ftphfid4a.m
Instrument: fid4a.i
Operator: PC
Report Date: 06/12/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: RT
Client ID:
Injection: 11-JUN-2009 20:12

Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.399	0.000	313632	178137	GAS (Tol-C12)	1382072	70
C8	1.510	0.000	251097	253347	DIESEL (C12-C24)	1586890	149
C10	2.134	0.000	550808	292191	M.OIL (C24-C38)	1987545	277
C12	2.632	0.000	650636	269812	AK-102 (C10-C25)	2165609	168
C14	3.044	0.000	503930	249188	AK-103 (C25-C36)	1825673	327
C16	3.404	0.000	546301	253004	OR.DIES (C10-C28)	3132284	209
C18	3.735	0.000	584520	257936	OR.MOIL (C28-C40)	1111116	160
C20	4.133	0.000	449115	261351			
C22	4.522	0.000	543426	262894			
C24	4.843	0.000	619438	272166			
C25	4.980	0.000	848486	390276			
C26	5.103	0.000	639491	281887			
C28	5.326	0.000	643016	287816			
C32	5.709	0.000	550695	297993			
C34	5.907	0.000	426071	263452	CREOSOT (C12-C22)	1311370	360
Filter Peak	7.764	0.000	919	219			
C36	6.141	0.000	273546	232200			
C38	6.428	0.000	121107	143401			
C40	6.803	0.000	35045	79573			
o-terph	3.902	0.000	1615435	858552	JET-A (C10-C18)	1359587	103
Triacon Surr	5.529	0.000	1709151	901707			

Range Times: NW Diesel(2.632 - 4.843) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.43) AK103(4.98 - 6.14) OR Diesel(2.13 - 5.33)

Surrogate	Area	Amount	%Rec
o-Terphenyl	858552	55.8	123.9
Triacontane	901707	78.6	174.7

JK 06/12/09

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090610c.b/0610a119.d

Date : 11-JUN-2009 20:12

Client ID:

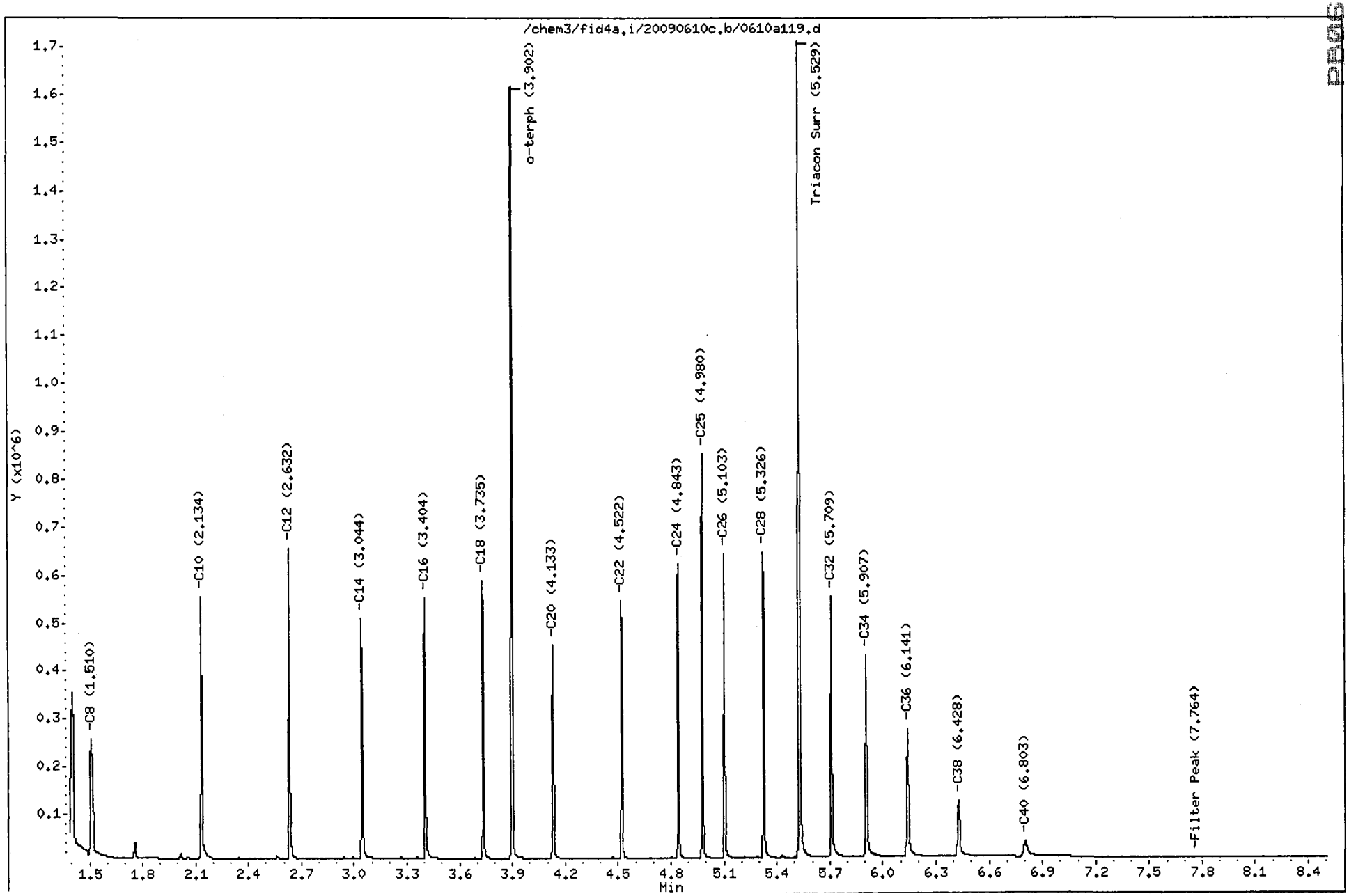
Sample Info: RT

Column phase: RTX-1

Instrument: fid4a.i

Operator: PC

Column diameter: 0.25



Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090610c.b/0610a120.d
Method: /chem3/fid4a.i/20090610c.b/ftphfid4a.m
Instrument: fid4a.i
Operator: PC
Report Date: 06/12/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: IB
Client ID:
Injection: 11-JUN-2009 20:26
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.457	0.058	24988	43448	GAS (Tol-C12)	130254	7
C8	1.503	-0.007	5759	8313	DIESEL (C12-C24)	28863	3
C10	2.136	0.003	4737	4108	M.OIL (C24-C38)	133968	19
C12	2.632	-0.001	1568	970	AK-102 (C10-C25)	47831	4
C14	3.043	-0.001	87	17	AK-103 (C25-C36)	108739	19
C16	3.405	0.002	62	17	OR.DIES (C10-C28)	75203	5
C18	3.738	0.003	125	75	OR.MOIL (C28-C40)	124294	18
C20	4.141	0.008	257	92			
C22	4.510	-0.012	292	218			
C24	4.848	0.005	1267	1940			
C25	4.982	0.002	2133	2575			
C26	5.104	0.001	1950	2058			
C28	5.323	-0.003	3269	3120			
C32	5.704	-0.005	4572	8004			
C34	5.911	0.004	2151	3670	CREOSOT (C12-C22)	21457	6
Filter Peak	7.760	-0.004	837	668			
C36	6.132	-0.009	1574	405			
C38	6.412	-0.015	1239	1394			
C40	6.807	0.003	1002	474			
o-terph	3.902	0.000	1521889	883222	JET-A (C10-C18)	26222	2
Triacon Surr	5.524	-0.005	1736780	929759			

Range Times: NW Diesel(2.632 - 4.843) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.43) AK103(4.98 - 6.14) OR Diesel(2.13 - 5.33)

Surrogate	Area	Amount	%Rec
o-Terphenyl	883222	57.4	127.5
Triacontane	929759	81.0	180.1

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090610c.b/0610a120.d

Date : 11-JUN-2009 20:26

Client ID:

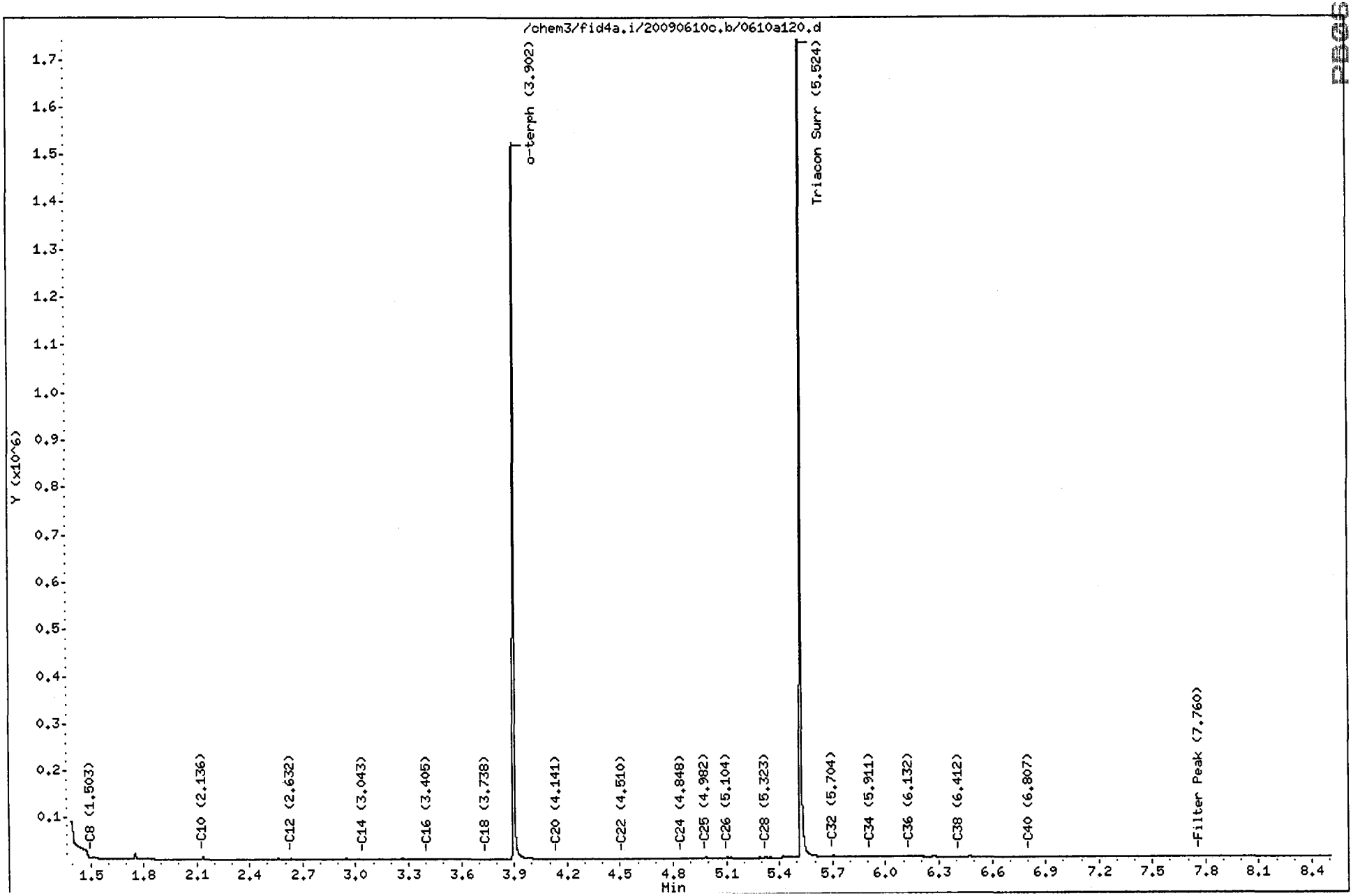
Sample Info: IB

Column phase: RTX-1

Instrument: fid4a.i

Operator: PC

Column diameter: 0.25



Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090610c.b/0610a121.d
Method: /chem3/fid4a.i/20090610c.b/ftphfid4a.m
Instrument: fid4a.i
Operator: PC
Report Date: 06/12/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: DIESEL 50
Client ID:
Injection: 11-JUN-2009 20:40
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.384	-0.015	15672	33153	GAS (Tol-C12)	219216	11
C8	1.520	0.011	4142	1701	DIESEL (C12-C24)	490621	46
C10	2.130	-0.004	12238	6166	M.OIL (C24-C38)	29851	4
C12	2.630	-0.002	19984	10293	AK-102 (C10-C25)	597035	46
C14	3.047	0.003	18235	12531	AK-103 (C25-C36)	21231	4
C16	3.405	0.002	16889	14158	OR.DIES (C10-C28)	600091	40
C18	3.735	0.001	15622	10223	OR.MOIL (C28-C40)	33665	5
C20	4.136	0.004	6610	7172			
C22	4.530	0.007	1663	1892			
C24	4.851	0.009	382	141			
C25	4.985	0.005	201	81			
C26	5.105	0.002	123	74			
C28	5.333	0.007	23	7			
C32	5.708	-0.001	402	273			
C34	5.910	0.003	523	295	CREOSOT (C12-C22)	479720	132
Filter Peak	7.764	0.001	363	307			
C36	6.143	0.002	484	550			
C38	6.434	0.007	418	261			
C40	6.802	-0.001	357	183			
o-terph	3.898	-0.004	262781	134648	JET-A (C10-C18)	464347	35
Triacon Surr	5.525	-0.003	163	52			

Range Times: NW Diesel(2.632 - 4.843) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.43) AK103(4.98 - 6.14) OR Diesel(2.13 - 5.33)

Surrogate	Area	Amount	%Rec
o-Terphenyl	134648	8.7	19.4
Triacontane	52	0.0	0.0

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090610c.b/0610a121.d

Date : 11-JUN-2009 20:40

Client ID:

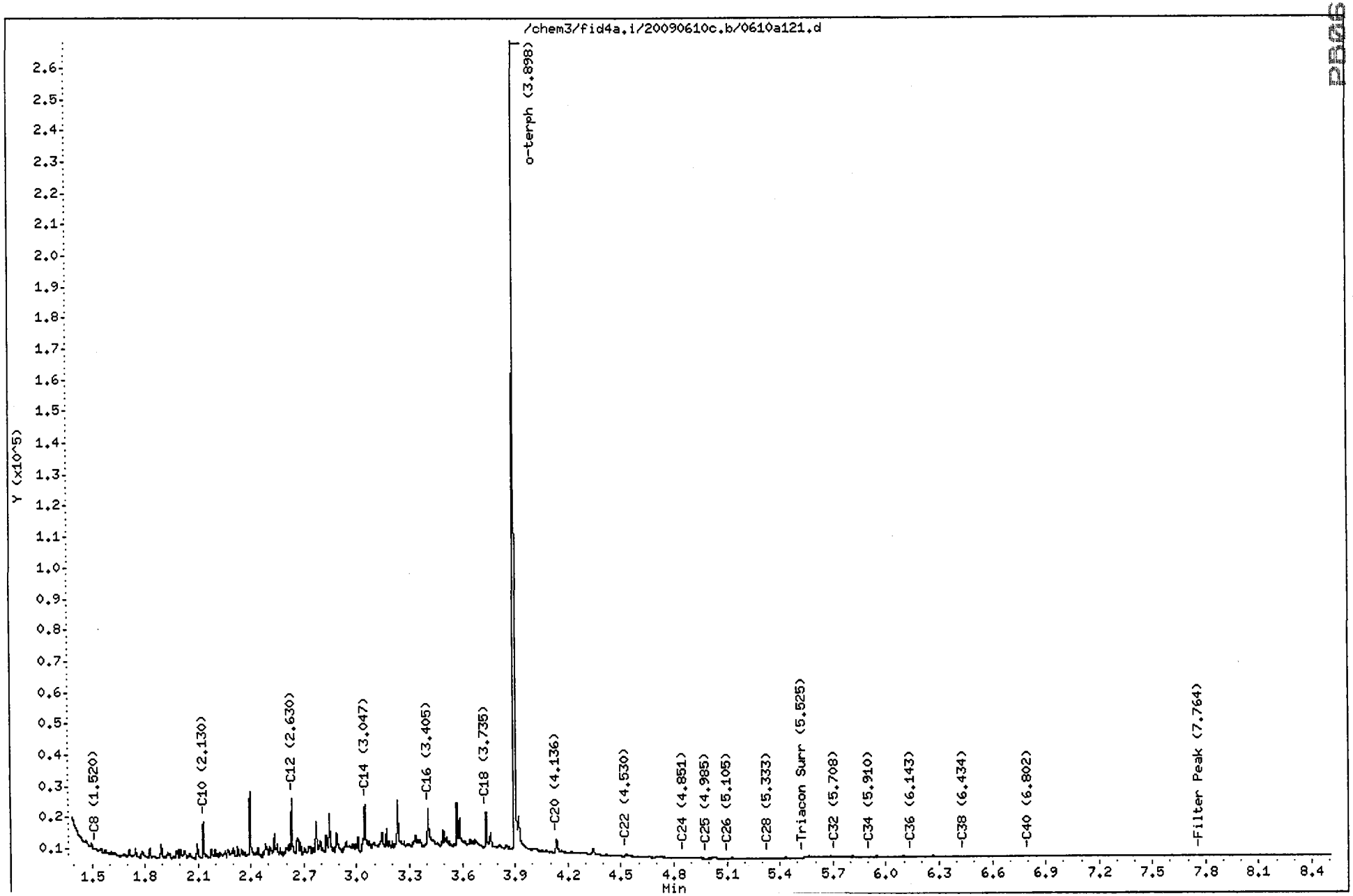
Sample Info: DIESEL 50

Column phase: RTX-1

Instrument: fid4a.i

Operator: PC

Column diameter: 0.25



Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090610c.b/0610a122.d
Method: /chem3/fid4a.i/20090610c.b/ftphfid4a.m
Instrument: fid4a.i
Operator: PC
Report Date: 06/12/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: DIESEL 100
Client ID:
Injection: 11-JUN-2009 20:54
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.411	0.012	10201	12289	GAS (Tol-C12)	369514	19
C8	1.499	-0.011	6780	6675	DIESEL (C12-C24)	1051671	99
C10	2.129	-0.005	25641	11972	M.OIL (C24-C38)	39985	6
C12	2.630	-0.003	41420	20729	AK-102 (C10-C25)	1273580	99
C14	3.044	0.000	43205	21997	AK-103 (C25-C36)	30212	5
C16	3.403	-0.001	44988	32772	OR.DIES (C10-C28)	1281185	86
C18	3.733	-0.002	36871	22541	OR.MOIL (C28-C40)	35347	5
C20	4.130	-0.003	17785	17990			
C22	4.523	0.001	5226	7370			
C24	4.853	0.010	1394	1788			
C25	4.976	-0.004	590	252			
C26	5.111	0.008	306	92			
C28	5.325	-0.001	25	16			
C32	5.713	0.004	312	126			
C34	5.905	-0.002	377	58	CREOSOT (C12-C22)	1025192	282
Filter Peak	7.763	-0.001	257	248			
C36	6.144	0.003	367	268			
C38	6.432	0.005	258	104			
C40	6.804	0.000	178	38			
o-terph	3.896	-0.006	535752	260221	JET-A (C10-C18)	984477	74
Triacon Surr	5.527	-0.002	87	28			

Range Times: NW Diesel(2.632 - 4.843) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.43) AK103(4.98 - 6.14) OR Diesel(2.13 - 5.33)

Surrogate	Area	Amount	%Rec
o-Terphenyl	260221	16.9	37.6
Triacontane	28	0.0	0.0

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090610c.b/0610a122.d

Date : 11-JUN-2009 20:54

Client ID:

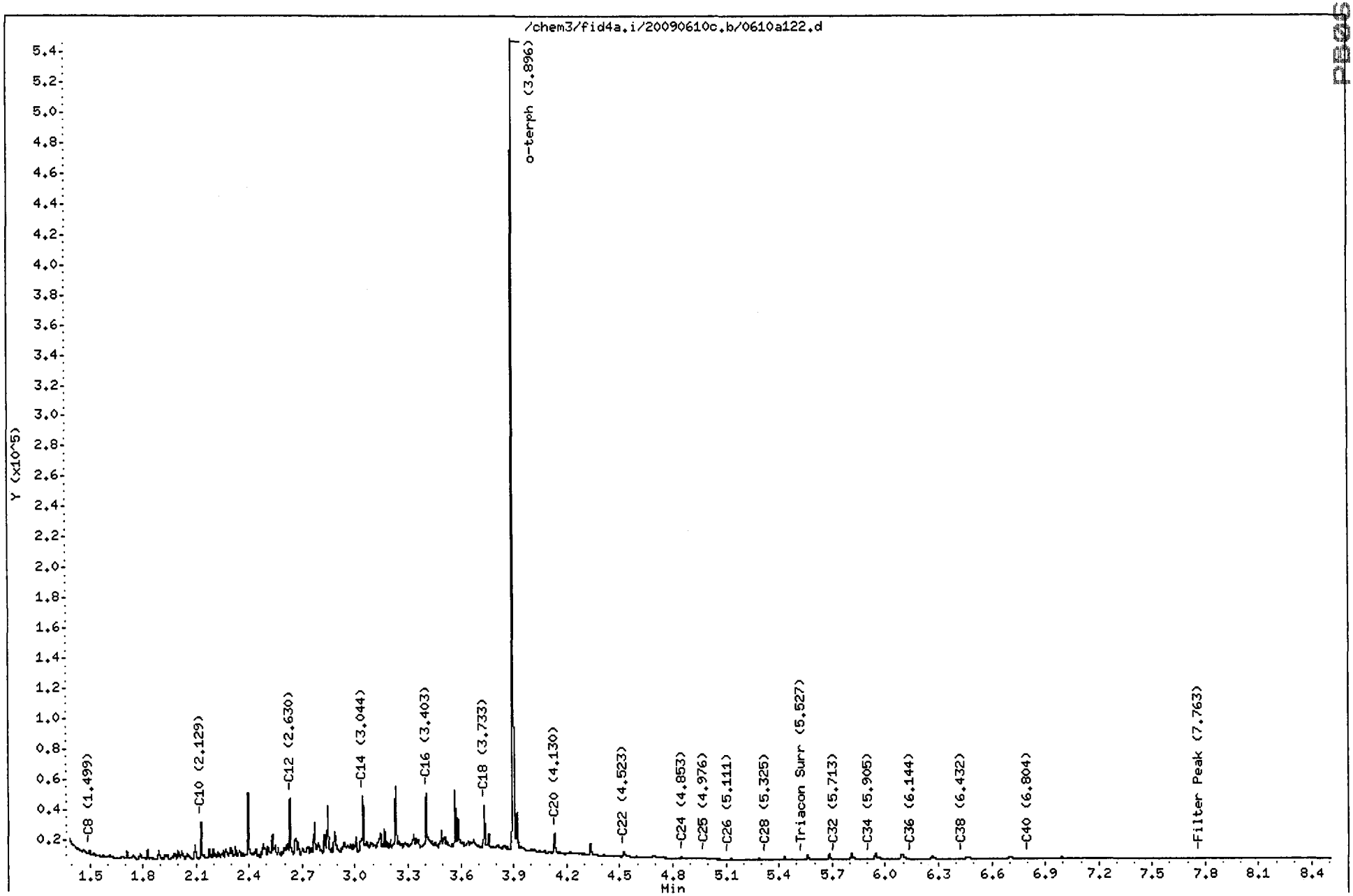
Sample Info: DIESEL 100

Column phase: RTX-1

Instrument: fid4a.i

Operator: PC

Column diameter: 0.25



Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090610c.b/0610a123.d
Method: /chem3/fid4a.i/20090610c.b/ftphfid4a.m
Instrument: fid4a.i
Operator: PC
Report Date: 06/12/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: DIESEL 250
Client ID:
Injection: 11-JUN-2009 21:08
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.401	0.003	15935	35041	GAS (Tol-C12)	837450	42
C8	1.508	-0.002	8241	10742	DIESEL (C12-C24)	2964718	278
C10	2.133	-0.001	59770	32241	M.OIL (C24-C38)	54851	8
C12	2.631	-0.001	110344	56843	AK-102 (C10-C25)	3575530	278
C14	3.043	-0.001	133607	60211	AK-103 (C25-C36)	45251	8
C16	3.402	-0.002	151032	75813	OR.DIES (C10-C28)	3605586	241
C18	3.733	-0.001	112905	71111	OR.MOIL (C28-C40)	21640	3
C20	4.130	-0.002	58406	48659			
C22	4.519	-0.003	23110	26106			
C24	4.841	-0.001	7145	11473			
C25	4.980	0.001	3738	6445			
C26	5.108	0.005	1736	1458			
C28	5.326	0.000	437	172			
C32	5.712	0.003	297	62			
C34	5.905	-0.001	345	314	CREOSOT (C12-C22)	2869658	789
Filter Peak	7.765	0.002	98	16			
C36	6.137	-0.004	274	123			
C38	6.427	0.000	186	77			
C40	6.805	0.002	97	62			
o-terph	3.901	-0.001	1382005	735051	JET-A (C10-C18)	2746909	208
Triacon Surr	5.529	0.001	251	53			

Range Times: NW Diesel(2.632 - 4.843) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.43) AK103(4.98 - 6.14) OR Diesel(2.13 - 5.33)

Surrogate	Area	Amount	%Rec
o-Terphenyl	735051	47.7	106.1
Triacontane	53	0.0	0.0

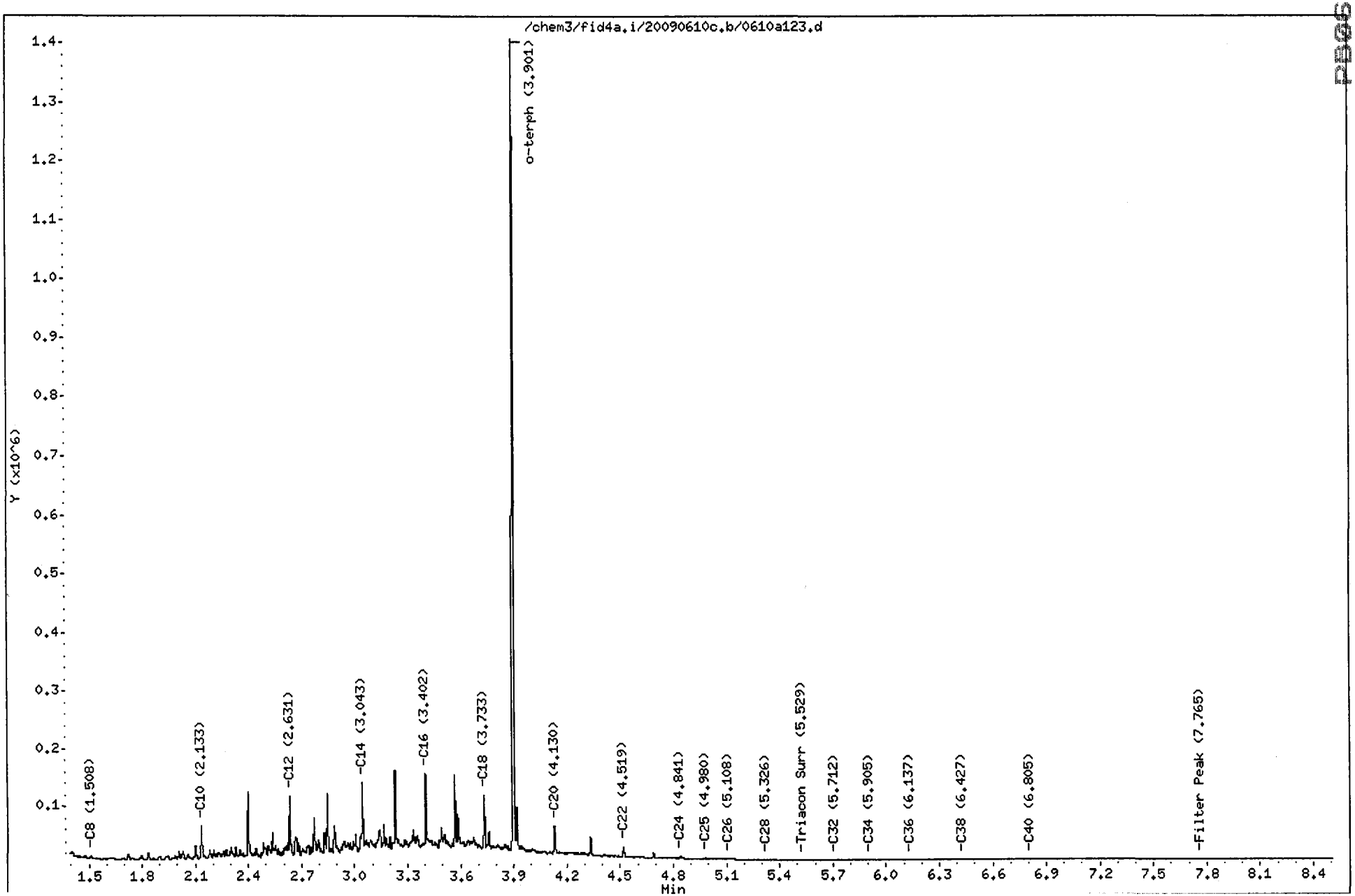
Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090610c.b/0610a123.d
Date : 11-JUN-2009 21:08
Client ID:
Sample Info: DIESEL 250

Instrument: fid4a.i

Operator: PC
Column diameter: 0.25

Column phase: RTX-1



Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090610c.b/0610a124.d
Method: /chem3/fid4a.i/20090610c.b/ftphfid4a.m
Instrument: fid4a.i
Operator: PC
Report Date: 06/12/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: DIESEL 500
Client ID:
Injection: 11-JUN-2009 21:22
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.390	-0.009	24119	27182	GAS (Tol-C12)	1506774	76
C8	1.503	-0.006	17662	13124	DIESEL (C12-C24)	5776140	541
C10	2.130	-0.003	132691	60987	M.OIL (C24-C38)	116429	16
C12	2.631	-0.001	213034	109439	AK-102 (C10-C25)	6961327	541
C14	3.043	-0.001	278645	117386	AK-103 (C25-C36)	92770	17
C16	3.402	-0.001	313476	140931	OR.DIES (C10-C28)	7034500	469
C18	3.733	-0.001	226969	124102	OR.MOIL (C28-C40)	26285	4
C20	4.129	-0.003	120499	98885			
C22	4.519	-0.003	50509	48181			
C24	4.839	-0.003	19207	21169			
C25	4.977	-0.003	9940	14722			
C26	5.102	-0.001	4687	7813			
C28	5.329	0.003	1170	386			
C32	5.697	-0.011	670	963			
C34	5.905	-0.002	412	283	CREOSOT (C12-C22)	5579902	1534
Filter Peak	7.761	-0.003	54	26			
C36	6.144	0.003	327	101			
C38	6.433	0.006	209	136			
C40	6.804	0.001	106	30			
o-terph	3.906	0.004	2317185	1455909	JET-A (C10-C18)	5314190	402
Triacon Surr	5.516	-0.012	544	480			

Range Times: NW Diesel(2.632 - 4.843) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.43) AK103(4.98 - 6.14) OR Diesel(2.13 - 5.33)

Surrogate	Area	Amount	%Rec
o-Terphenyl	1455909	94.6	210.2
Triacontane	480	0.0	0.1

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090610c.b/0610a124.d

Date : 11-JUN-2009 21:22

Client ID:

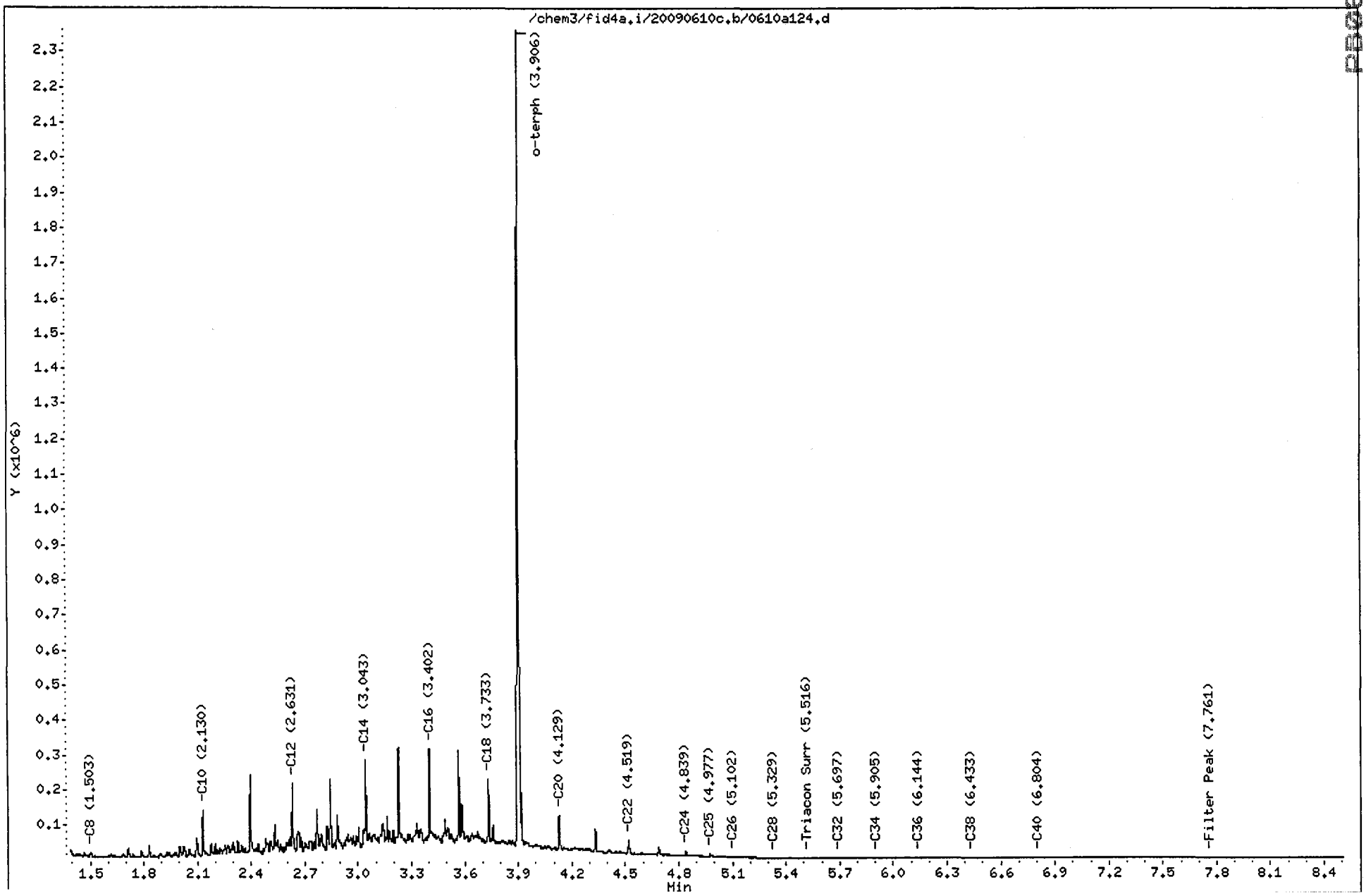
Sample Info: DIESEL 500

Column phase: RTX-1

Instrument: fid4a.i

Operator: PC

Column diameter: 0.25



Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090610c.b/0610a125.d
Method: /chem3/fid4a.i/20090610c.b/ftphfid4a.m
Instrument: fid4a.i
Operator: PC
Report Date: 06/12/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: DIESEL 1000
Client ID:
Injection: 11-JUN-2009 21:37
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.398	-0.001	7542	8106	GAS (Tol-C12)	2497780	126
C8	1.501	-0.009	5217	5222	DIESEL (C12-C24)	10273828	962
C10	2.141	0.007	28028	26394	M.OIL (C24-C38)	205823	29
C12	2.631	-0.002	373045	188780	AK-102 (C10-C25)	12320206	957
C14	3.043	-0.001	494213	207075	AK-103 (C25-C36)	176935	32
C16	3.402	-0.001	557163	259471	OR.DIES (C10-C28)	12463933	832
C18	3.735	0.000	398457	212105	OR.MOIL (C28-C40)	41280	6
C20	4.131	-0.002	215830	171844			
C22	4.519	-0.004	95835	74650			
C24	4.838	-0.004	37369	34533			
C25	4.976	-0.004	21179	26356			
C26	5.101	-0.002	10583	13274			
C28	5.329	0.003	2496	3606			
C32	5.699	-0.010	1522	1918			
C34	5.904	-0.003	544	300	CREOSOT (C12-C22)	9908063	2724
Filter Peak	7.761	-0.003	48	23			
C36	6.139	-0.002	429	142			
C38	6.430	0.002	229	91			
C40	6.806	0.002	120	26			
o-terph	3.912	0.009	3557748	2725958	JET-A (C10-C18)	9420764	712
Triacon Surr	5.538	0.010	1296	2691			

Range Times: NW Diesel(2.632 - 4.843) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.43) AK103(4.98 - 6.14) OR Diesel(2.13 - 5.33)

Surrogate	Area	Amount	%Rec
o-Terphenyl	2725958	177.1	393.5
Triacontane	2691	0.2	0.5

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090610c.b/0610a125.d

Date : 11-JUN-2009 21:37

Client ID:

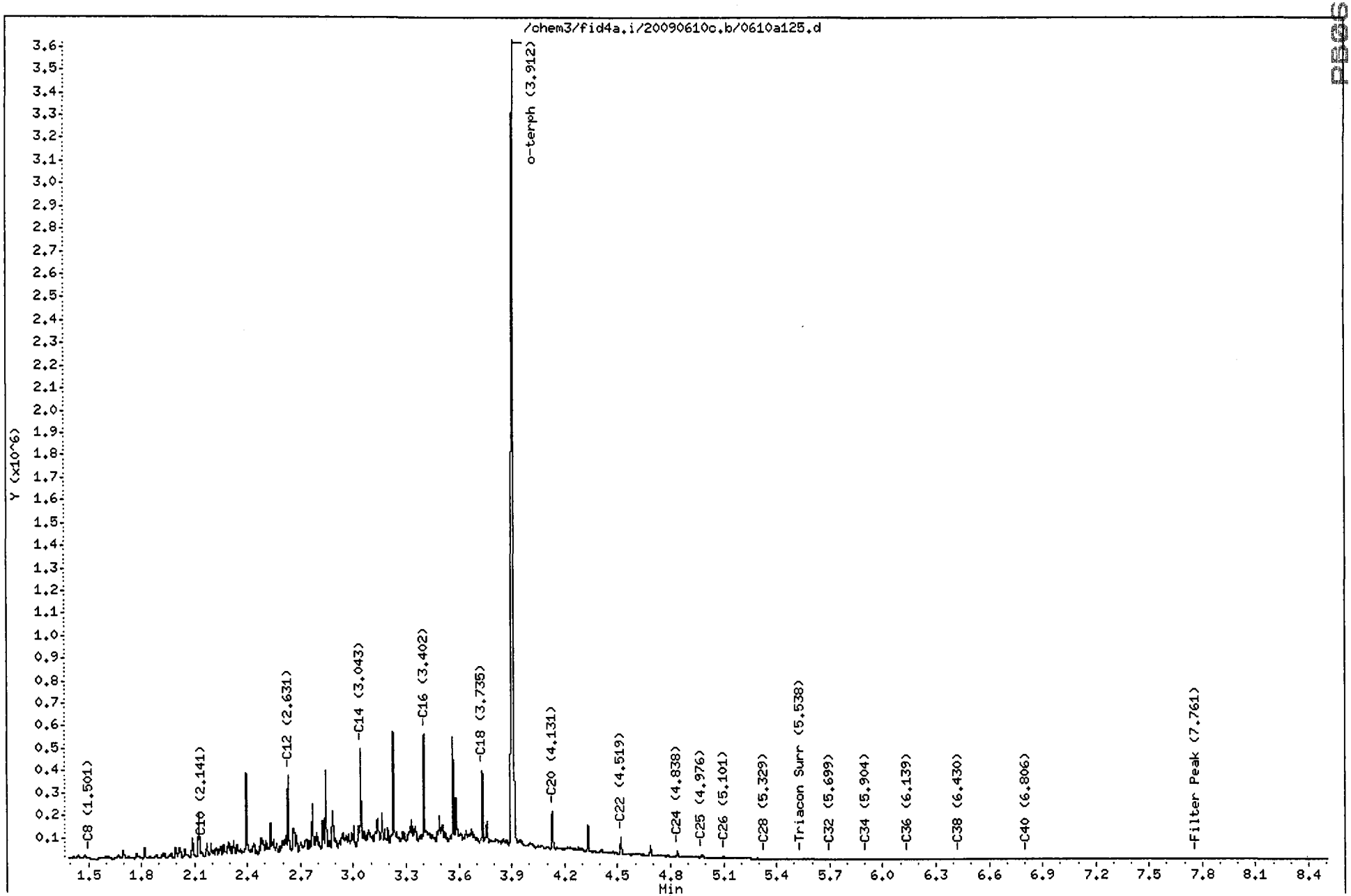
Sample Info: DIESEL 1000

Column phase: RTX-1

Instrument: fid4a.i

Operator: PC

Column diameter: 0.25



Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090610c.b/0610a126.d
Method: /chem3/fid4a.i/20090610c.b/ftphfid4a.m
Instrument: fid4a.i
Operator: PC
Report Date: 06/12/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: DIESEL 2500
Client ID:
Injection: 11-JUN-2009 21:51
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.409	0.010	15442	15828	GAS (Tol-C12)	6065534	306
C8	1.514	0.004	12540	9860	DIESEL (C12-C24)	25104907	2352
C10	2.127	-0.006	553183	257440	M.OIL (C24-C38)	513020	71
C12	2.632	0.000	925665	461028	AK-102 (C10-C25)	30110568	2338
C14	3.045	0.001	1218389	512930	AK-103 (C25-C36)	444636	80
C16	3.405	0.002	1370739	657360	OR.DIES (C10-C28)	30484423	2035
C18	3.739	0.004	930169	546823	OR.MOIL (C28-C40)	83284	12
C20	4.136	0.003	542044	442661			
C22	4.521	-0.001	243869	176525			
C24	4.840	-0.002	101378	72346			
C25	4.977	-0.003	59776	74147			
C26	5.101	-0.003	33396	43923			
C28	5.324	-0.002	8182	10314			
C32	5.707	-0.002	1613	1381			
C34	5.906	-0.001	1058	416	CREOSOT (C12-C22)	24206805	6654
Filter Peak	7.760	-0.004	96	30			
C36	6.149	0.009	644	390			
C38	6.424	-0.003	349	154			
C40	6.797	-0.006	164	145			
o-terph	3.926	0.024	6652314	6882366	JET-A (C10-C18)	23156150	1750
Triacon Surr	5.522	-0.006	4908	8799			

Range Times: NW Diesel(2.632 - 4.843) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.43) AK103(4.98 - 6.14) OR Diesel(2.13 - 5.33)

Surrogate	Area	Amount	%Rec
o-Terphenyl	6882366	447.1	993.5
Triacontane	8799	0.8	1.7

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090610c.b/0610a126.d

Date : 11-JUN-2009 21:51

Client ID:

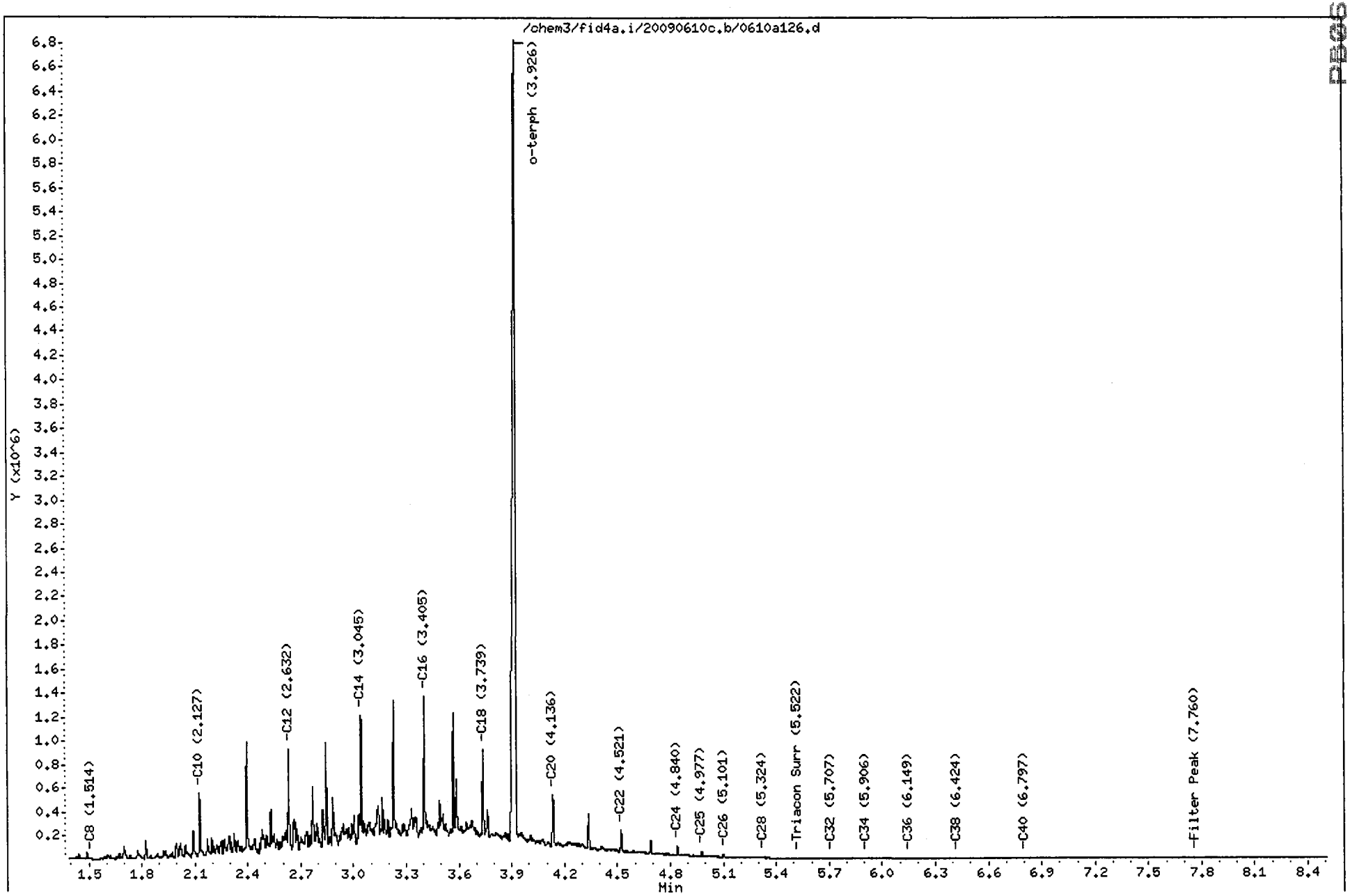
Sample Info: DIESEL 2500

Column phase: RTX-1

Instrument: fid4a.i

Operator: PC

Column diameter: 0.25



Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090610c.b/0610a127.d
Method: /chem3/fid4a.i/20090610c.b/ftphfid4a.m
Instrument: fid4a.i
Operator: PC
Report Date: 06/12/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: DIESEL ICV
Client ID:
Injection: 11-JUN-2009 22:05
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.396	-0.003	28204	32808	GAS (Tol-C12)	842850	43
C8	1.507	-0.003	23479	16520	DIESEL (C12-C24)	2977867	279
C10	2.131	-0.002	43570	22273	M.OIL (C24-C38)	78848	11
C12	2.631	-0.002	81805	45437	AK-102 (C10-C25)	3533056	274
C14	3.043	-0.001	119292	52943	AK-103 (C25-C36)	66816	12
C16	3.402	-0.002	142960	71831	OR.DIES (C10-C28)	3573705	239
C18	3.733	-0.002	104073	65646	OR.MOIL (C28-C40)	36826	5
C20	4.131	-0.002	54052	45213			
C22	4.521	-0.002	25699	25554			
C24	4.842	0.000	7043	9051			
C25	4.981	0.001	3383	5469			
C26	5.105	0.001	1641	1960			
C28	5.330	0.004	377	475			
C32	5.713	0.004	542	484			
C34	5.909	0.002	635	283	CREOSOT (C12-C22)	2895908	796
Filter Peak	7.763	-0.001	129	96			
C36	6.139	-0.002	510	349			
C38	6.431	0.003	303	134			
C40	6.803	-0.001	151	86			
o-terph	3.901	-0.001	1440566	752761	JET-A (C10-C18)	2710246	205
Triacon Surr	5.530	0.002	554	855			

Range Times: NW Diesel(2.632 - 4.843) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.43) AK103(4.98 - 6.14) OR Diesel(2.13 - 5.33)

Surrogate	Area	Amount	%Rec
o-Terphenyl	752761	48.9	108.7
Triacontane	855	0.1	0.2

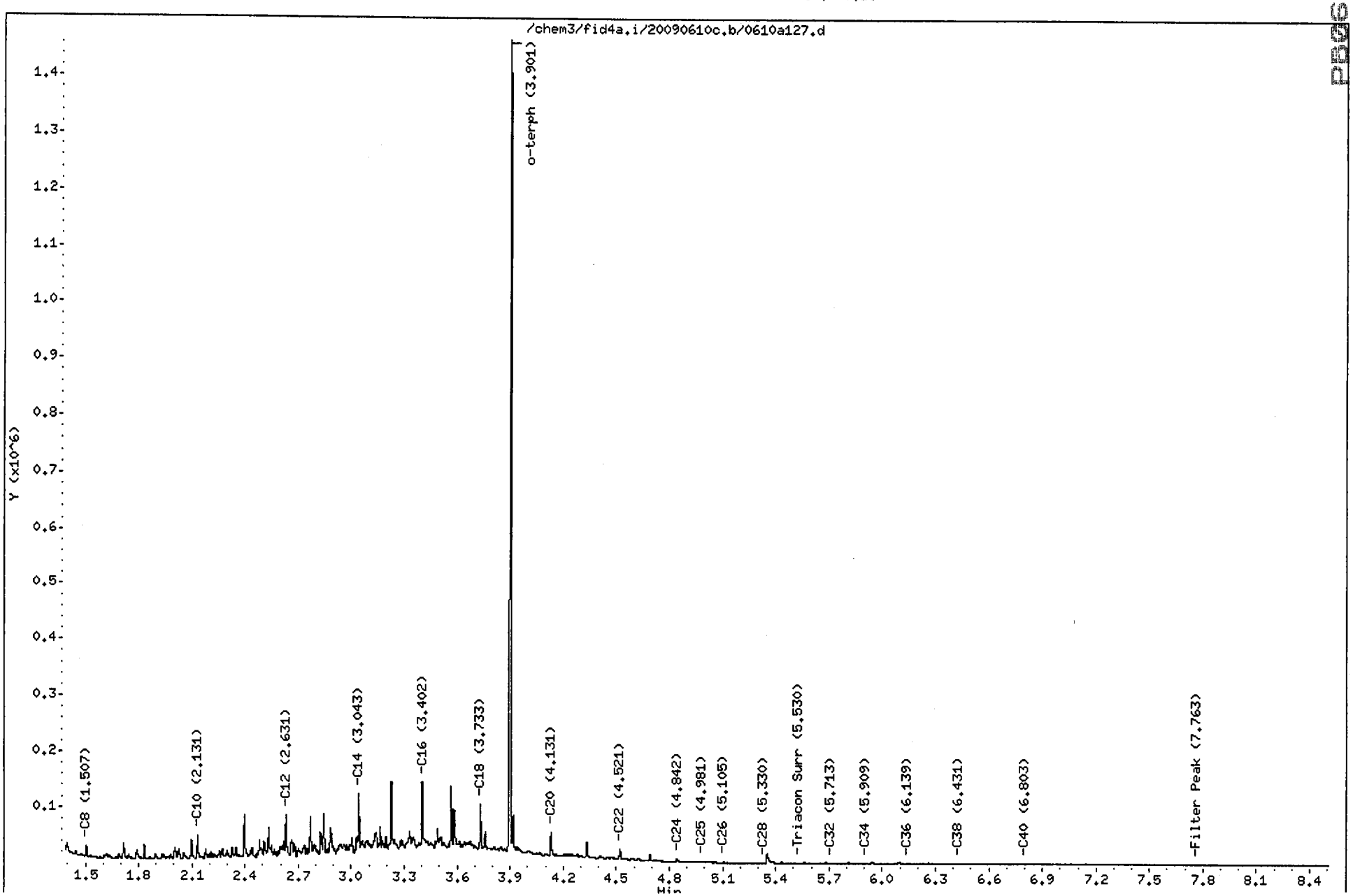
Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090610c.b/0610a127.d
Date : 11-JUN-2009 22:05
Client ID:
Sample Info: DIESEL ICV

Column phase: RTX-1

Instrument: fid4a.i

Operator: PC
Column diameter: 0.25



6a
NW MOTOR OIL INITIAL CALIBRATION

Lab Name: ANALYTICAL RESOURCES, INC. Client: ANCHOR ENVIRONMENTAL,LLC.

Instrument: FID4A.I Project: BAY WOOD PRODUCTS

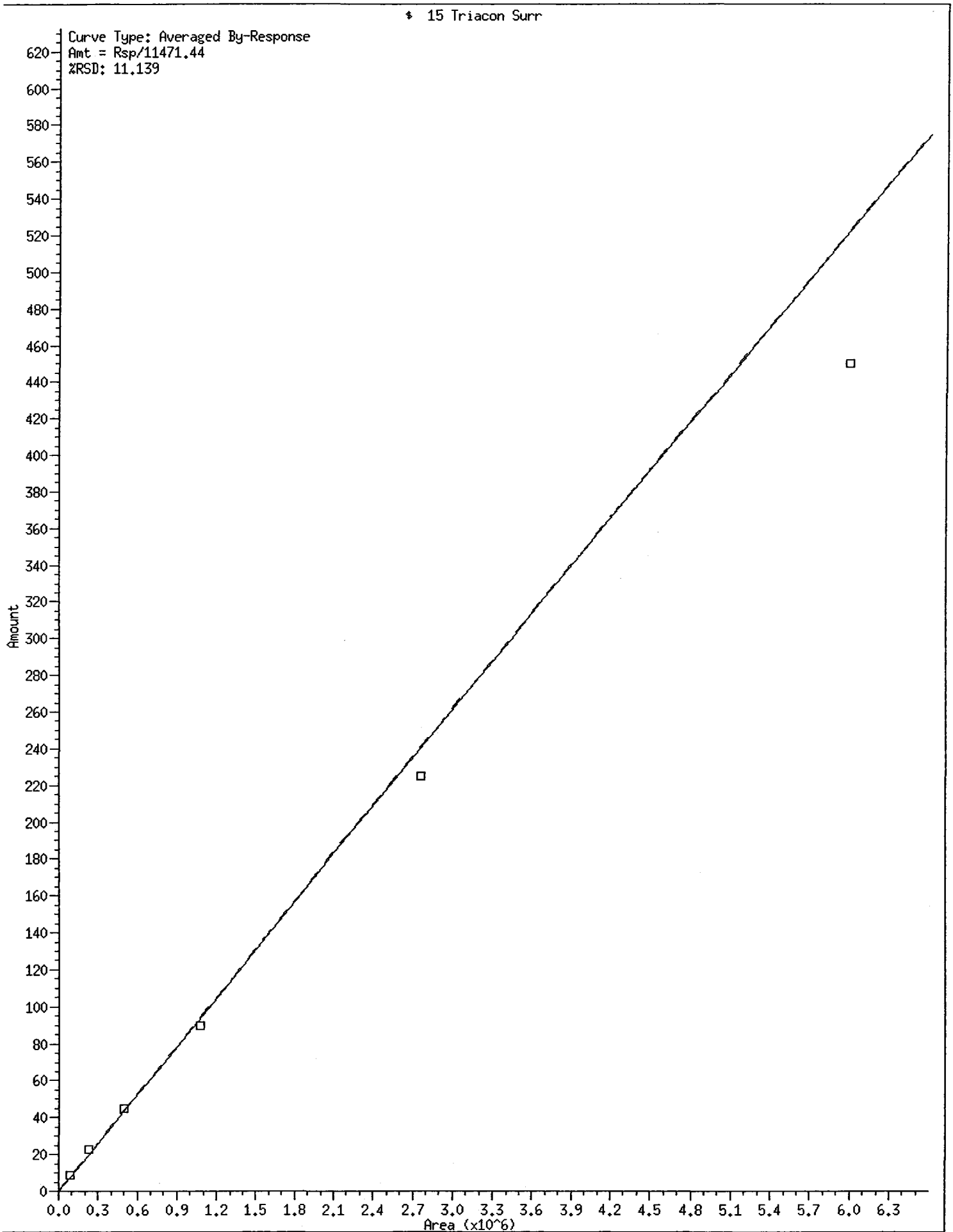
Calibration Date: 11-JUN-2009 SDG No.: PB06

Motor Oil Range	RF1 100	RF2 250	RF3 500	RF4 1000	RF5 2500	RF6 5000	Ave RF	%RSD
WA M.Oil	7776	7080	6998	7445	7029	6790	7186	5.0
AK M.Oil	6658	6127	6045	6494	6292	6341	6326	3.6
OR M.Oil	6574	5888	5897	6113	5463	4776	5785	10.6
Triac Surr	9866	10435	11007	11909	12284	13327	11471	11.1

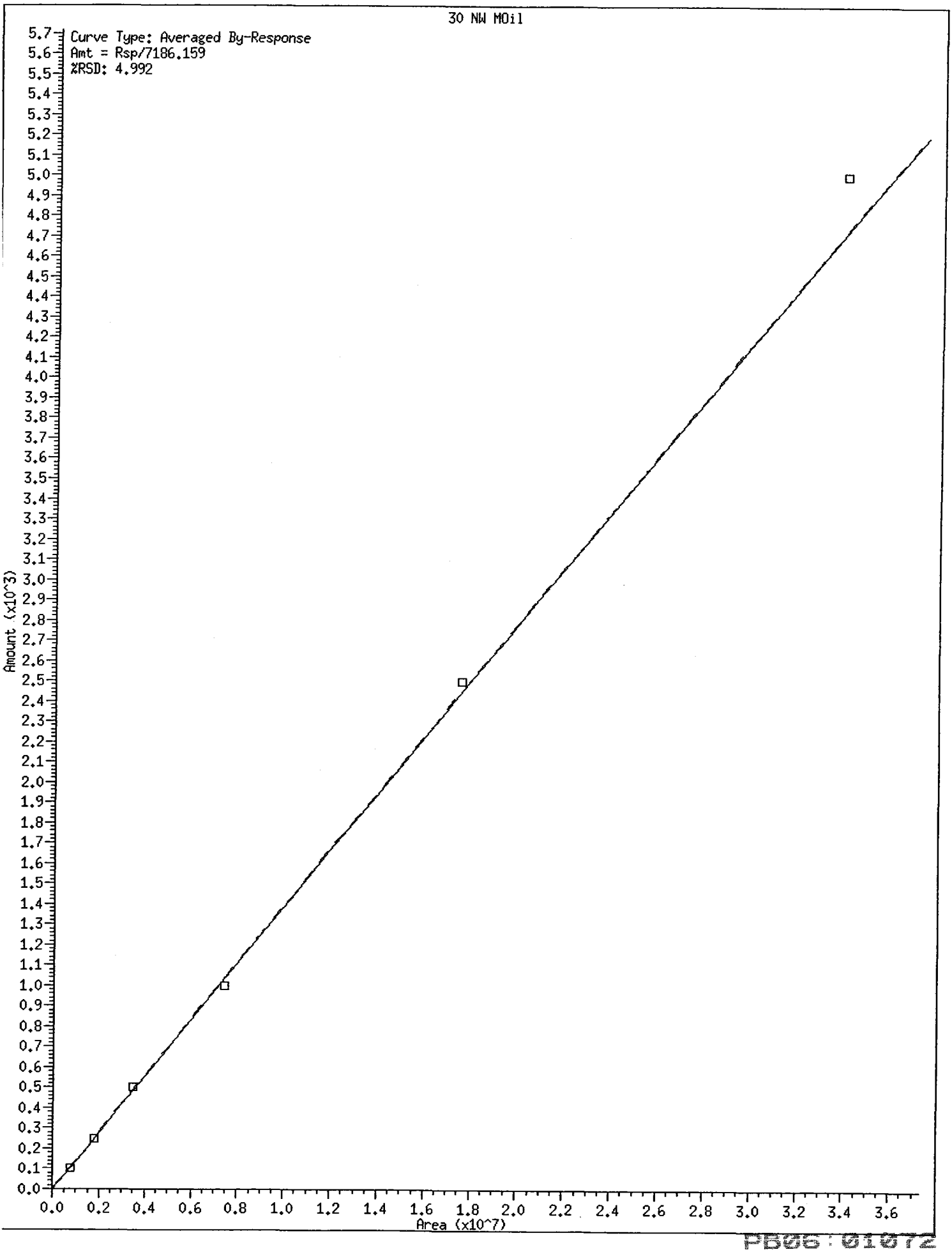
<- Indicates %RSD outside limits
Surrogate areas are not included in Motor Oil RF calculation.

Quant Ranges : WA M.Oil C24-C38
AK M.Oil C25-C36
OR M.Oil C28-C40

Calibration Files	Analysis Time
0610a027.d	10-JUN-2009 22:35
0610a028.d	10-JUN-2009 22:49
0610a029.d	10-JUN-2009 23:03
0610a030.d	10-JUN-2009 23:17
0610a032.d	10-JUN-2009 23:46
0610a034.d	11-JUN-2009 00:14


$ 15 Triacon Surr
Curve Type: Averaged By-Response
Amt = Rsp/11471.44
%RSD: 11.139
Amount
Area (x10^6)
0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460 480 500 520 540 560 580 600 620
0.0 0.3 0.6 0.9 1.2 1.5 1.8 2.1 2.4 2.7 3.0 3.3 3.6 3.9 4.2 4.5 4.8 5.1 5.4 5.7 6.0 6.3

PB06:01071


30 NW MOil
Curve Type: Averaged By-Response
Amt = Rsp/7186.159
%RSD: 4.992
Amount (x10^3)
Area (x10^7)
0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.8 3.0 3.2 3.4 3.6

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090610.b/0610a027.d
Method: /chem3/fid4a.i/20090610.b/ftphfid4a.m
Instrument: fid4a.i
Operator: PC
Report Date: 06/11/2009
Macro: 10-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:10-JUN-2009 M.Oil:10-JUN-2009

ARI ID: MOIL 100
Client ID:
Injection: 10-JUN-2009 22:35

Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.427	0.079	6016	11086	GAS (Tol-C12)	48745	2
C8	1.488	0.023	2080	1844	DIESEL (C12-C24)	82901	9
C10	2.117	-0.003	453	298	M.OIL (C24-C38)	777563	108
C12	2.631	0.003	180	155	AK-102 (C10-C25)	100106	9
C14	3.043	-0.001	79	45	AK-103 (C25-C36)	665832	119
C16	3.400	-0.003	25	12	OR.DIES (C10-C28)	286354	19
C18	3.736	0.003	552	485	OR.MOIL (C28-C40)	657394	95
C20	4.132	0.002	254	75			
C22	4.516	-0.004	1448	596			
C24	4.844	0.005	3836	2560			
C25	4.980	0.003	10454	20652			
C26	5.097	-0.002	6674	7000			
C28	5.320	-0.002	8821	2274			
C32	5.711	0.008	11062	3292			
C34	5.897	-0.003	10323	6084	CREOSOT (C12-C22)	28976	8
Filter Peak	7.758	-0.003	1667	1551			
C36	6.137	0.004	7509	3281			
C38	6.425	0.004	5236	1865			
C40	6.790	-0.004	3378	3456			
o-terph	3.902	0.002	72	27	JET-A (C10-C18)	11835	1
Triacon Surr	5.514	-0.008	189739	88797			

Range Times: NW Diesel(2.628 - 4.839) AK102(2.12 - 4.98) Jet A(2.12 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.12 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	27	0.0	0.0
Triacontane	88797	7.7	17.2

pc 06/10/09
pc 06/11/09

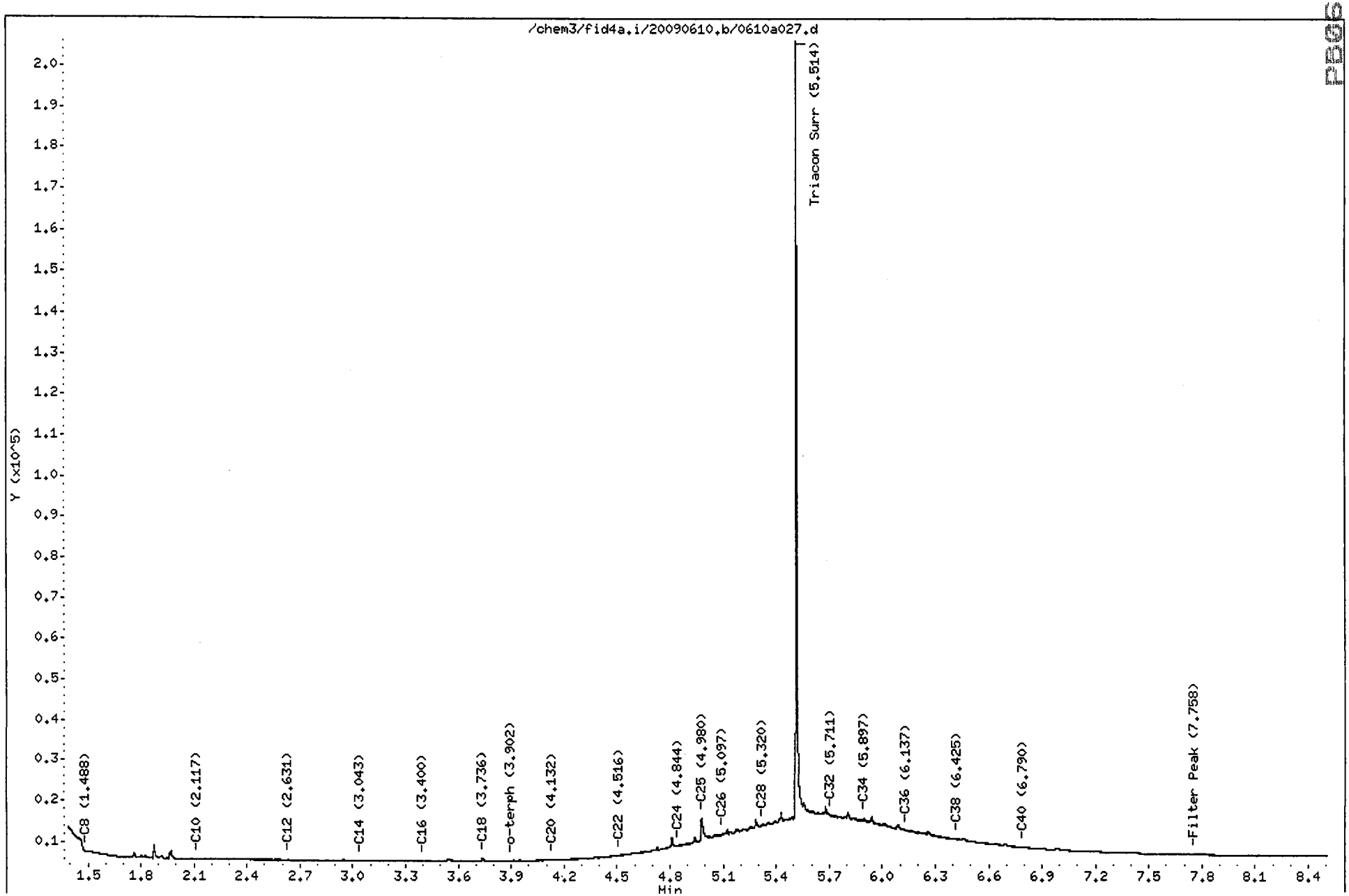
Analyte	RF	Curve Date
o-Terph Surr	13053.7	10-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	9223.6	10-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	11094.6	10-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	15690.7	07-MAY-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090610.b/0610a027.d
Date : 10-JUN-2009 22:35
Client ID:
Sample Info: MOIL 100

Column phase: RTX-1

Instrument: fid4a.i

Operator: PC
Column diameter: 0.25



Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090610.b/0610a028.d
Method: /chem3/fid4a.i/20090610.b/ftphfid4a.m
Instrument: fid4a.i
Operator: PC
Report Date: 06/11/2009
Macro: 10-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:10-JUN-2009 M.Oil:10-JUN-2009

ARI ID: MOIL 250
Client ID:
Injection: 10-JUN-2009 22:49
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	----				GAS (Tol-C12)	51693	3
C8	1.447	-0.019	8743	16040	DIESEL (C12-C24)	200816	22
C10	2.123	0.002	509	767	M.OIL (C24-C38)	1769915	246
C12	2.630	0.002	188	214	AK-102 (C10-C25)	232931	21
C14	3.043	-0.001	64	39	AK-103 (C25-C36)	1531861	275
C16	3.402	-0.001	37	22	OR.DIES (C10-C28)	680001	45
C18	3.732	-0.001	1845	1312	OR.MOIL (C28-C40)	1471977	212
C20	4.128	-0.003	614	236			
C22	4.517	-0.002	3570	1183			
C24	4.843	0.004	9253	5092			
C25	4.971	-0.006	12238	4050			
C26	5.098	-0.001	15999	8441			
C28	5.318	-0.004	21162	16531			
C32	5.703	0.000	26442	13554			
C34	5.897	-0.003	23243	9621	CREOSOT (C12-C22)	66874	18
Filter Peak	7.769	0.007	2402	3350			
C36	6.132	-0.001	16915	11368			
C38	6.420	-0.001	11384	4735			
C40	6.798	0.004	6645	5905			
o-terph	3.897	-0.002	168	36	JET-A (C10-C18)	13133	1
Triacon Surr	5.519	-0.004	512320	234781			

Range Times: NW Diesel(2.628 - 4.839) AK102(2.12 - 4.98) Jet A(2.12 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.12 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	36	0.0	0.0
Triacontane	234781	20.5	45.5

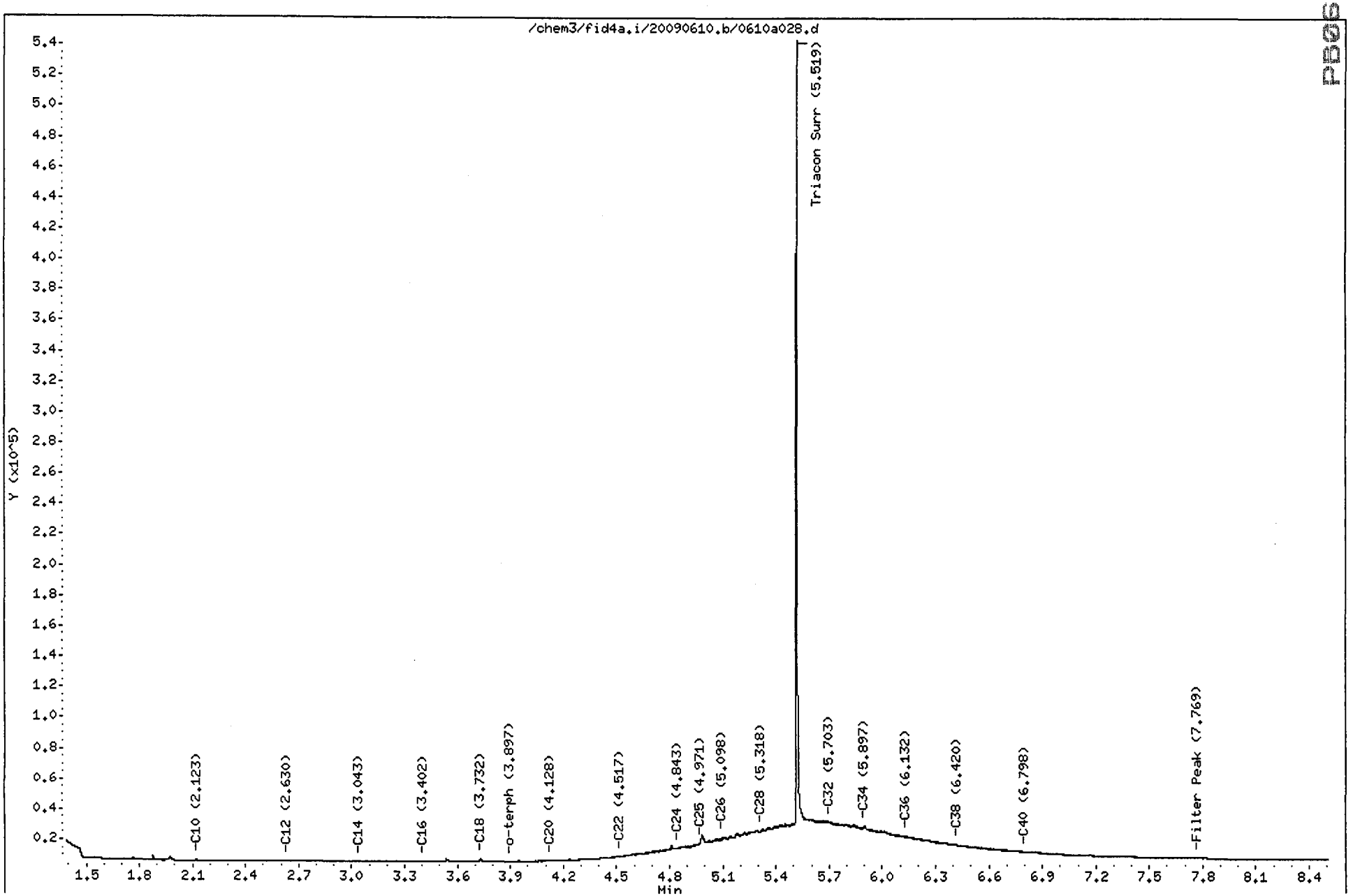
Analyte	RF	Curve Date
o-Terph Surr	13053.7	10-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	9223.6	10-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	11094.6	10-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	15690.7	07-MAY-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090610.b/0610a028.d
Date : 10-JUN-2009 22:49
Client ID:
Sample Info: MOIL 250

Column phase: RTX-1

Instrument: fid4a.i

Operator: PC
Column diameter: 0.25



Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090610.b/0610a029.d
Method: /chem3/fid4a.i/20090610.b/ftphfid4a.m
Instrument: fid4a.i
Operator: PC
Report Date: 06/11/2009
Macro: 10-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:10-JUN-2009 M.Oil:10-JUN-2009

ARI ID: MOIL 500
Client ID:
Injection: 10-JUN-2009 23:03
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.414	0.066	17994	43959	GAS (Tol-C12)	81614	4
C8	1.492	0.026	2228	2035	DIESEL (C12-C24)	402455	44
C10	2.122	0.002	706	941	M.OIL (C24-C38)	3498781	487
C12	2.631	0.003	267	268	AK-102 (C10-C25)	460768	42
C14	3.043	-0.001	64	17	AK-103 (C25-C36)	3022411	542
C16	3.407	0.004	54	34	OR.DIES (C10-C28)	1305407	87
C18	3.730	-0.004	4782	2964	OR.MOIL (C28-C40)	2948596	425
C20	4.133	0.002	1548	1785			
C22	4.525	0.006	7954	7130			
C24	4.840	0.001	18731	8690			
C25	4.980	0.003	31331	35528			
C26	5.098	-0.001	32161	23767			
C28	5.324	0.002	44057	40750			
C32	5.707	0.004	51857	31819			
C34	5.902	0.002	45810	25163	CREOSOT (C12-C22)	135661	37
Filter Peak	7.756	-0.006	3707	3863			
C36	6.135	0.002	33325	23014			
C38	6.421	0.000	22177	6148			
C40	6.795	0.002	12218	3399			
o-terph	3.894	-0.005	386	134	JET-A (C10-C18)	17917	1
Triacon Surr	5.517	-0.005	1068746	495313			

Range Times: NW Diesel(2.628 - 4.839) AK102(2.12 - 4.98) Jet A(2.12 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.12 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	134	0.0	0.0
Triacontane	495313	43.2	96.0

Analyte	RF	Curve Date
o-Terph Surr	13053.7	10-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	9223.6	10-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	11094.6	10-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	15690.7	07-MAY-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090610.b/0610a029.d

Date : 10-JUN-2009 23:03

Client ID:

Sample Info: MOIL 500

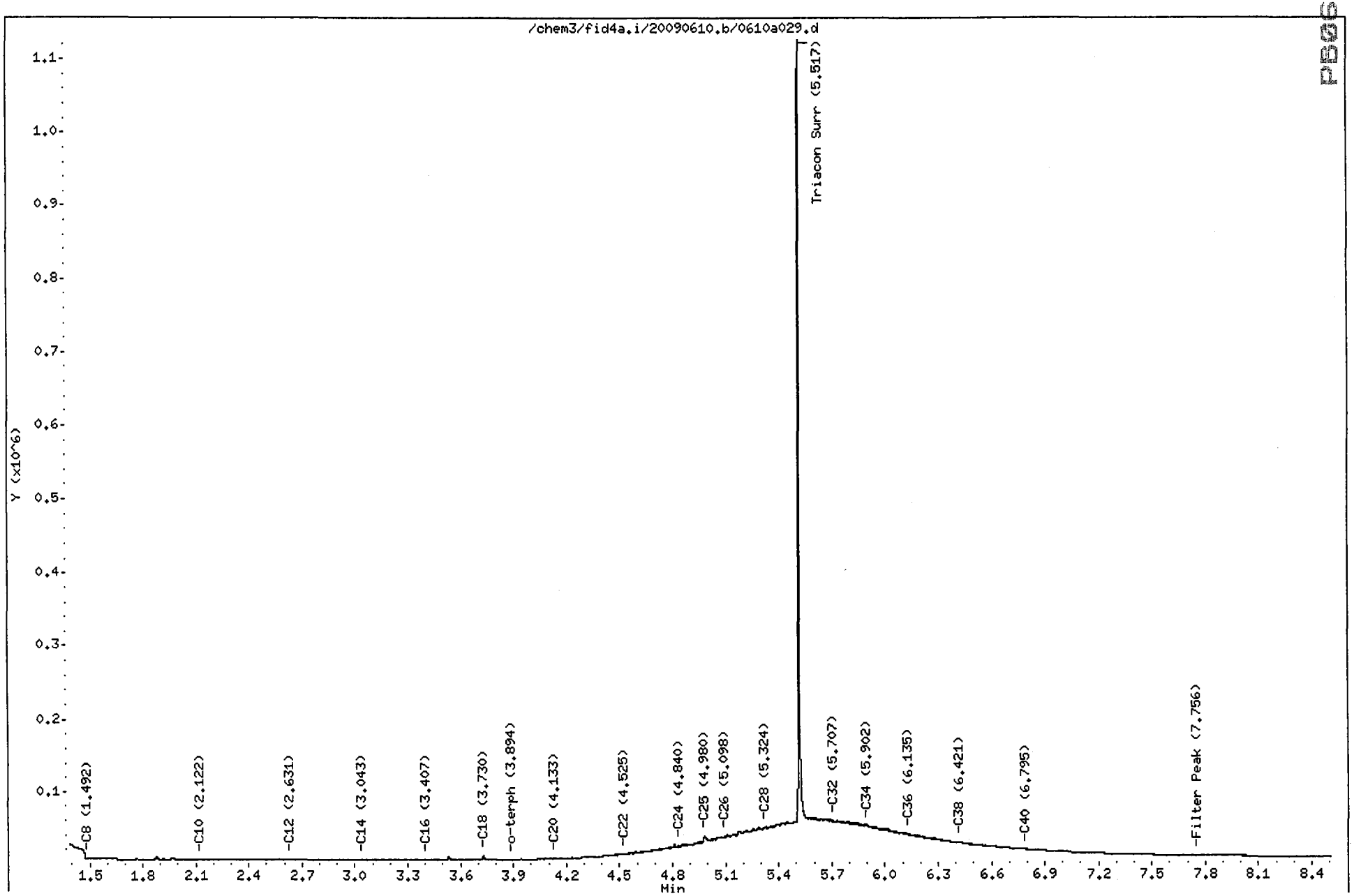
Column phase: RTX-1

Instrument: fid4a.i

Operator: PC

Column diameter: 0.25

PB56:01676



Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090610.b/0610a030.d
Method: /chem3/fid4a.i/20090610.b/ftphfid4a.m
Instrument: fid4a.i
Operator: PC
Report Date: 06/11/2009
Macro: 10-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:10-JUN-2009 M.Oil:10-JUN-2009

ARI ID: MOIL 1000
Client ID:
Injection: 10-JUN-2009 23:17
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.430	0.082	29593	31796	GAS (Tol-C12)	83209	4
C8	1.460	-0.006	24980	18215	DIESEL (C12-C24)	830912	90
C10	2.121	0.001	1096	866	M.OIL (C24-C38)	7445326	1036
C12	2.630	0.002	421	310	AK-102 (C10-C25)	950962	86
C14	3.042	-0.002	43	25	AK-103 (C25-C36)	6493984	1164
C16	3.401	-0.003	53	14	OR.DIES (C10-C28)	2808820	187
C18	3.727	-0.006	11387	6426	OR.MOIL (C28-C40)	6113396	880
C20	4.128	-0.003	3348	3402			
C22	4.519	0.000	16517	10616			
C24	4.838	-0.001	38935	16700			
C25	4.981	0.005	60352	78451			
C26	5.095	-0.004	67700	60395			
C28	5.322	0.000	90966	28837			
C32	5.700	-0.003	111527	74625			
C34	5.893	-0.007	97950	78612	CREOSOT (C12-C22)	272657	75
Filter Peak	7.758	-0.003	5395	5992			
C36	6.135	0.002	67863	24160			
C38	6.419	-0.001	43908	29339			
C40	6.792	-0.001	23088	13645			
o-terph	3.902	0.002	1251	1155	JET-A (C10-C18)	25138	2
Triacon Surr	5.520	-0.003	2162957	1071840			

Range Times: NW Diesel(2.628 - 4.839) AK102(2.12 - 4.98) Jet A(2.12 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.12 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	1155	0.1	0.2
Triacontane	1071840	93.4	207.6

Analyte	RF	Curve Date
o-Terph Surr	13053.7	10-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	9223.6	10-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	11094.6	10-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	15690.7	07-MAY-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090610.b/0610a030.d

Date : 10-JUN-2009 23:17

Client ID:

Sample Info: MOIL 1000

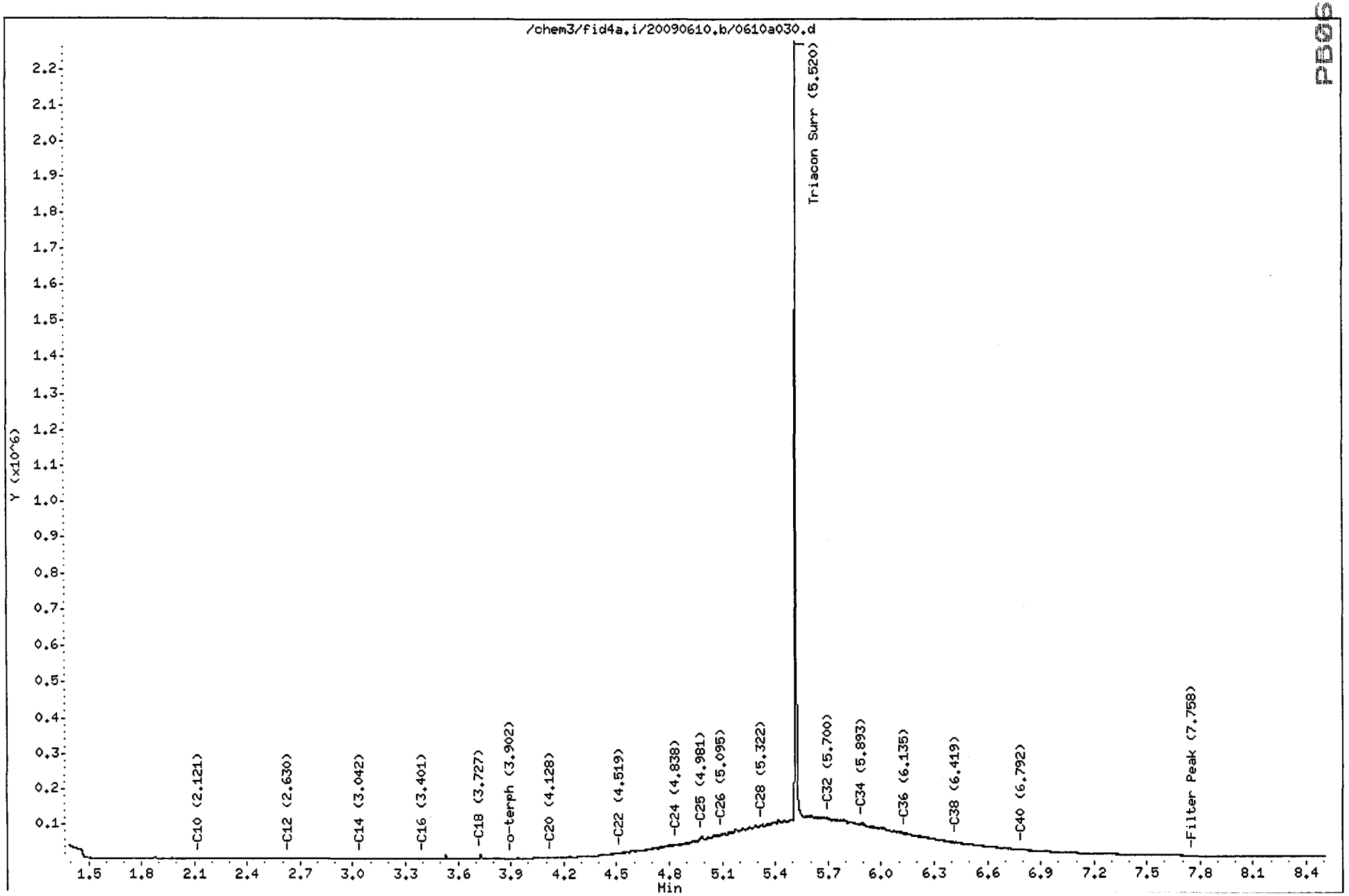
Column phase: RTX-1

Instrument: fid4a.i

Operator: PC

Column diameter: 0.25

PB06-61665



Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090610.b/0610a032.d
Method: /chem3/fid4a.i/20090610.b/ftphfid4a.m
Instrument: fid4a.i
Operator: PC
Report Date: 06/11/2009
Macro: 10-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:10-JUN-2009 M.Oil:10-JUN-2009

ARI ID: MOIL 2500
Client ID:
Injection: 10-JUN-2009 23:46

Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.350	0.002	145414	336932	GAS (Tol-C12)	529155	27
C8	1.462	-0.004	59562	48141	DIESEL (C12-C24)	2061369	223
C10	2.121	0.001	2210	1356	M.OIL (C24-C38)	17572519	2445
C12	2.629	0.001	956	618	AK-102 (C10-C25)	2295002	207
C14	3.043	-0.001	57	14	AK-103 (C25-C36)	15729077	2820
C16	3.395	-0.008	123	93	OR.DIES (C10-C28)	6895814	460
C18	3.726	-0.007	29733	15923	OR.MOIL (C28-C40)	13656664	1966
C20	4.127	-0.004	8581	8296			
C22	4.522	0.003	39676	56453			
C24	4.840	0.001	93544	62389			
C25	4.976	-0.001	134341	57596			
C26	5.099	0.000	168886	163610			
C28	5.328	0.006	234829	256139			
C32	5.704	0.001	281091	149507			
C34	5.903	0.003	234905	214366	CREOSOT (C12-C22)	693770	191
Filter Peak	7.768	0.006	3756	748			
C36	6.135	0.003	148667	29530			
C38	6.415	-0.006	79783	65587			
C40	6.783	-0.011	29373	46817			
o-terph	3.900	0.000	3037	2569	JET-A (C10-C18)	53146	3
Triacon Surr	5.529	0.006	4237047	2763870			

Range Times: NW Diesel(2.628 - 4.839) AK102(2.12 - 4.98) Jet A(2.12 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.12 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	2569	0.2	0.4
Triacontane	2763870	240.9	535.4

Analyte	RF	Curve Date
o-Terph Surr	13053.7	10-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	9223.6	10-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	11094.6	10-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	15690.7	07-MAY-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

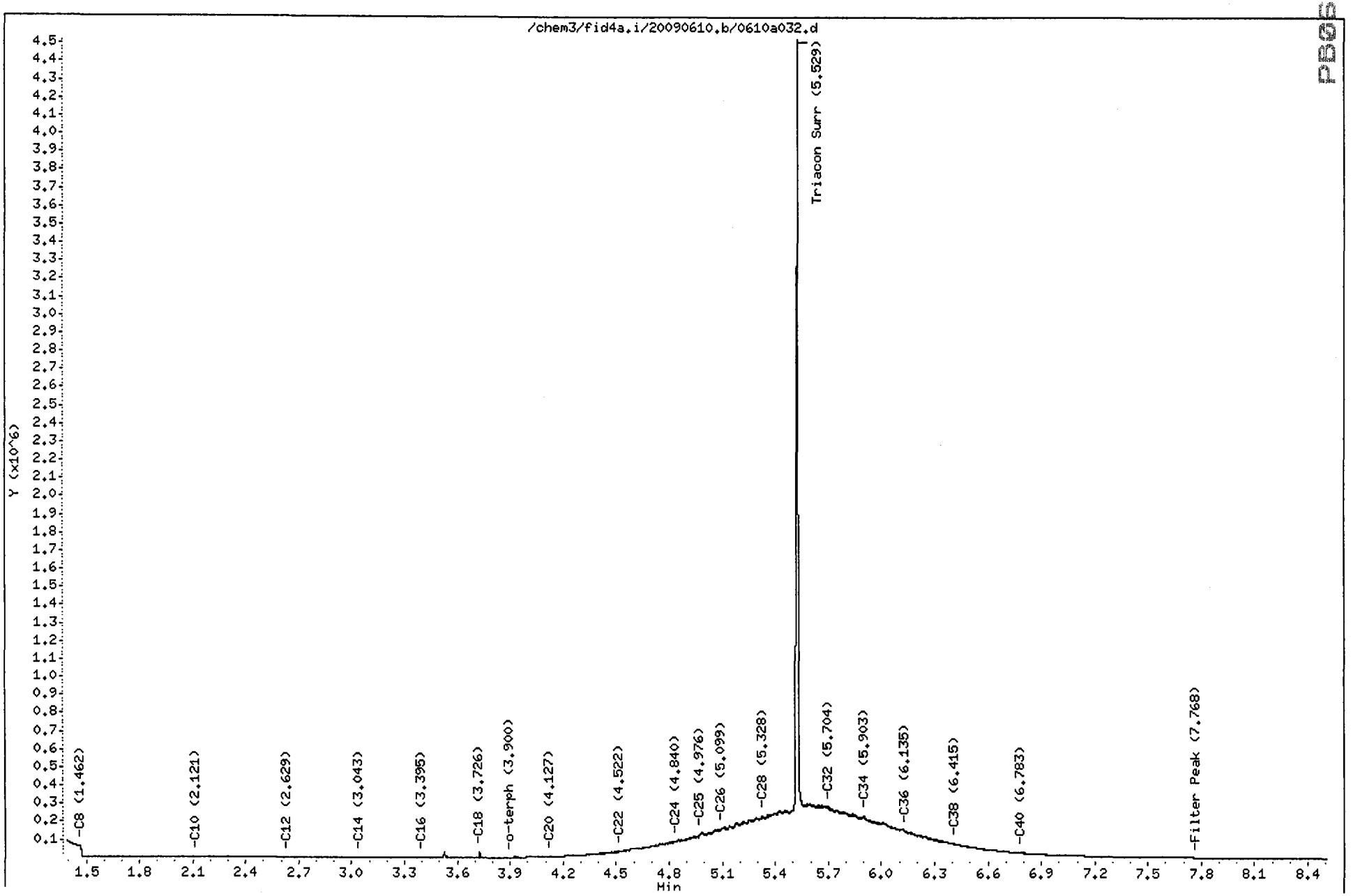
Data File: /chem3/fid4a.i/20090610.b/0610a032.d
Date : 10-JUN-2009 23:46
Client ID:
Sample Info: MOIL 2500

Column phase: RTX-1

Instrument: fid4a.i

Operator: PC
Column diameter: 0.25

PB96-916092



Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090610.b/0610a034.d
Method: /chem3/fid4a.i/20090610.b/ftphfid4a.m
Instrument: fid4a.i
Operator: PC
Report Date: 06/11/2009
Macro: 10-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:10-JUN-2009 M.Oil:10-JUN-2009

ARI ID: MOIL 5000
Client ID:
Injection: 11-JUN-2009 00:14
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.369	0.021	215500	431698	GAS (Tol-C12)	775424	39
C8	1.504	0.038	1962	1535	DIESEL (C12-C24)	4373305	474
C10	2.120	0.000	4542	2352	M.OIL (C24-C38)	33948853	4724
C12	2.629	0.001	2106	1171	AK-102 (C10-C25)	4970985	448
C14	3.050	0.006	954	727	AK-103 (C25-C36)	31705215	5683
C16	3.407	0.004	580	579	OR.DIES (C10-C28)	15080463	1007
C18	3.725	-0.008	59031	30968	OR.MOIL (C28-C40)	23880220	3438
C20	4.130	-0.001	19450	22712			
C22	4.522	0.003	86616	100583			
C24	4.841	0.002	204247	88760			
C25	4.978	0.002	295592	283474			
C26	5.101	0.001	359141	269368			
C28	5.326	0.004	501384	304608			
C32	5.704	0.001	572431	124910			
C34	5.905	0.005	406890	88833	CREOSOT (C12-C22)	1520241	418
Filter Peak	7.767	0.005	4873	3687			
C36	6.135	0.002	206076	144634			
C38	6.424	0.003	67614	71667			
C40	6.787	-0.006	19311	14734			
o-terph	3.899	0.000	6557	6140	JET-A (C10-C18)	107349	7
Triacon Surr	5.545	0.023	6580513	5997354			

Range Times: NW Diesel(2.628 - 4.839) AK102(2.12 - 4.98) Jet A(2.12 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.12 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	6140	0.5	1.0
Triacontane	5997354	522.8	1161.8

Analyte	RF	Curve Date
o-Terph Surr	13053.7	10-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	9223.6	10-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	11094.6	10-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	15690.7	07-MAY-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090610.b/0610a034.d

Date : 11-JUN-2009 00:14

Client ID:

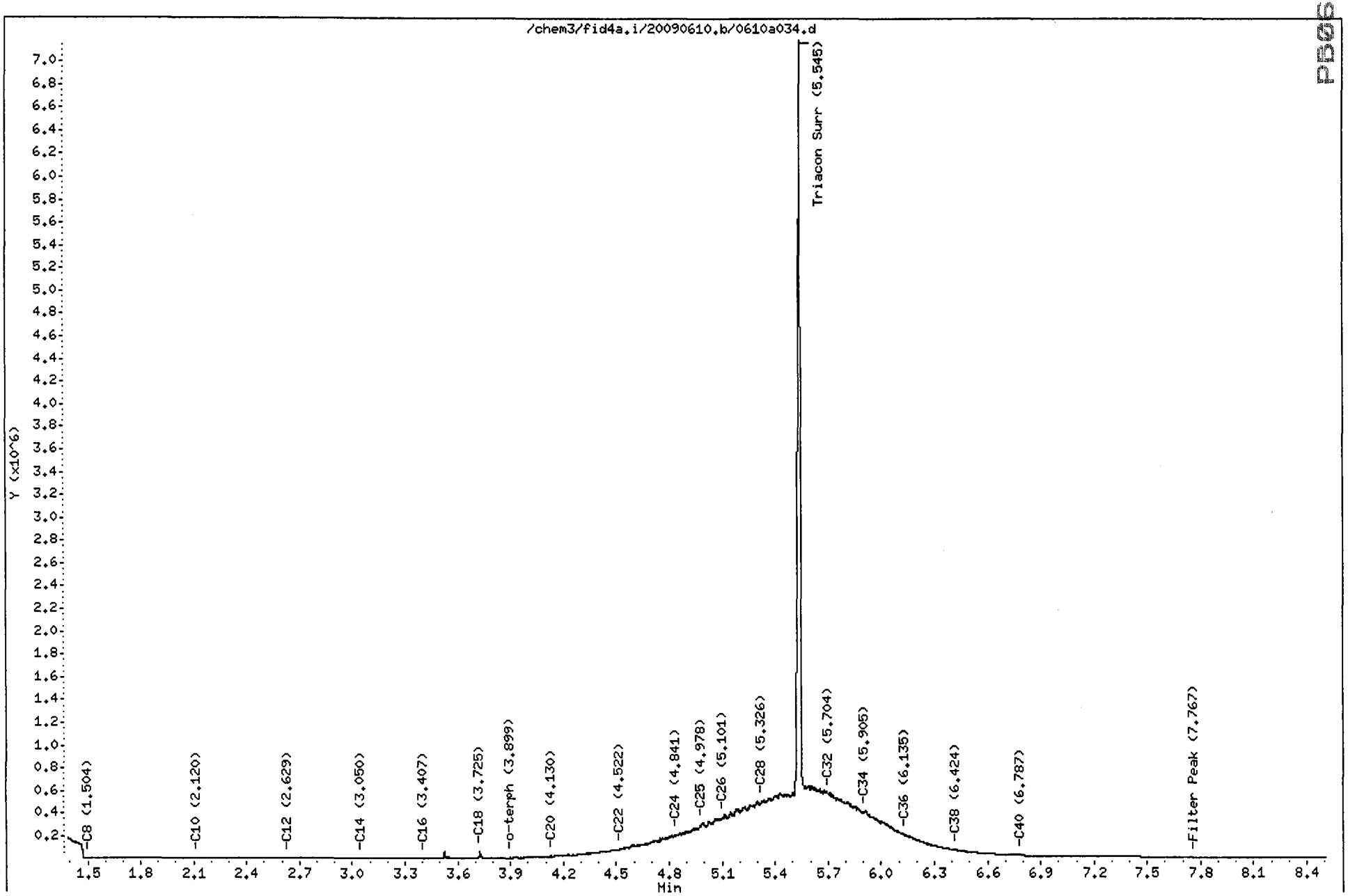
Sample Info: MOIL 5000

Column phase: RTX-1

Instrument: fid4a.i

Operator: PC

Column diameter: 0.25



Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090610.b/0610a036.d
Method: /chem3/fid4a.i/20090610.b/ftphfid4a.m
Instrument: fid4a.i
Operator: PC
Report Date: 06/11/2009
Macro: 10-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:10-JUN-2009 M.Oil:10-JUN-2009

ARI ID: MOIL ICV
Client ID:
Injection: 11-JUN-2009 00:42
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.380	0.032	25520	49191	GAS (Tol-C12)	83381	4
C8	1.494	0.029	2104	1857	DIESEL (C12-C24)	355500	39
C10	2.122	0.002	683	694	M.OIL (C24-C38)	3552216	494
C12	2.629	0.001	243	146	AK-102 (C10-C25)	408446	37
C14	3.049	0.005	34	3	AK-103 (C25-C36)	2982961	535
C16	3.397	-0.006	43	29	OR.DIES (C10-C28)	1190707	79
C18	3.730	-0.003	3564	2427	OR.MOIL (C28-C40)	3145465	453
C20	4.132	0.001	1452	1358			
C22	4.522	0.003	6944	6661			
C24	4.841	0.002	16215	9536			
C25	4.971	-0.006	21769	12407			
C26	5.098	-0.001	28662	26809			
C28	5.321	-0.001	38236	26115			
C32	5.704	0.001	51883	31738			
C34	5.906	0.007	47430	9373	CREOSOT (C12-C22)	124073	34
Filter Peak	7.756	-0.005	4531	4219			
C36	6.134	0.002	38350	20500			
C38	6.416	-0.004	27346	16619			
C40	6.797	0.003	15254	4537			
o-terph	3.905	0.005	923	897	JET-A (C10-C18)	15046	1
Triacon Surr	5.517	-0.006	1091733	501890			

Range Times: NW Diesel(2.628 - 4.839) AK102(2.12 - 4.98) Jet A(2.12 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.12 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	897	0.1	0.2
Triacontane	501890	43.8	97.2

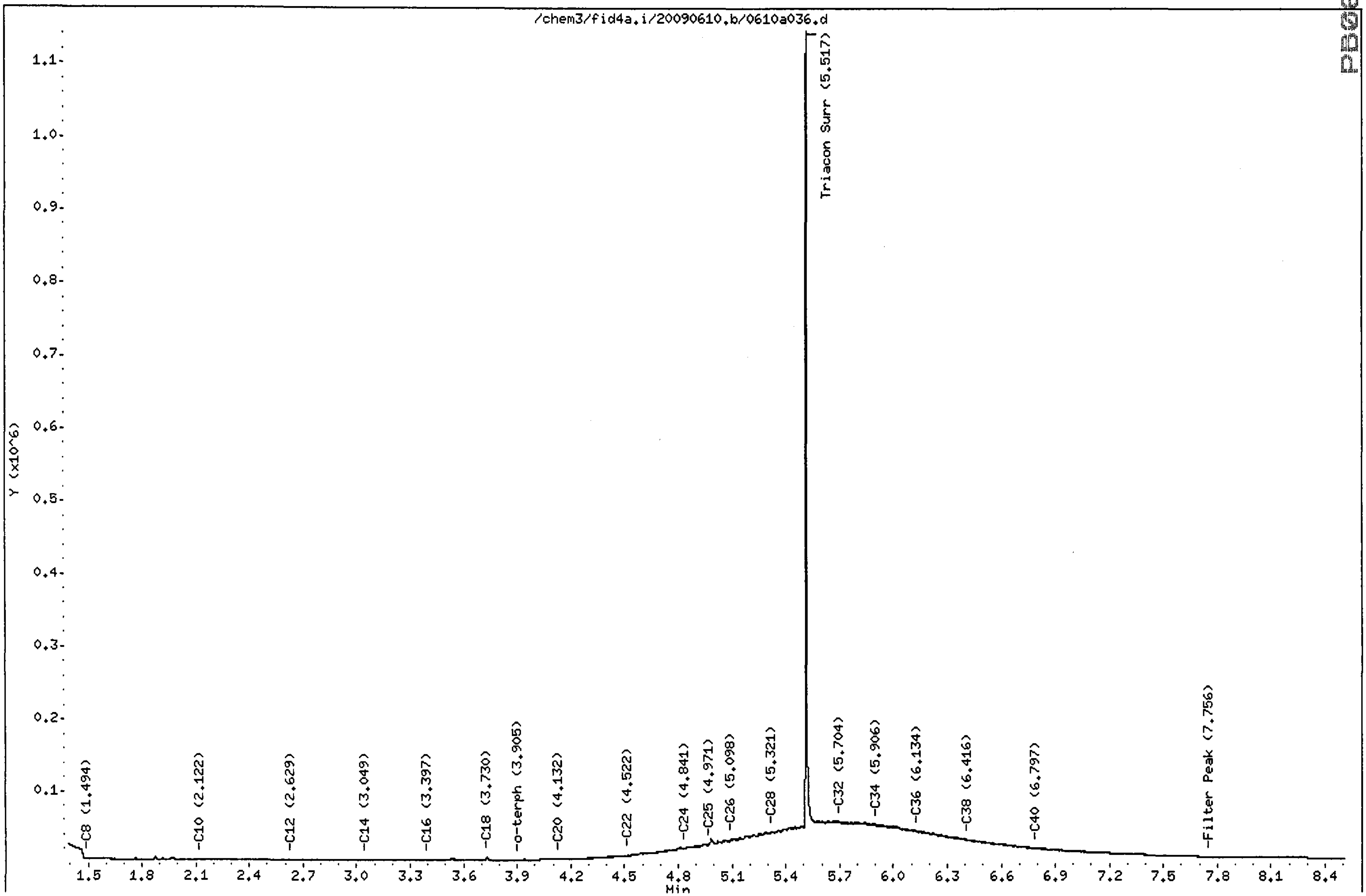
Analyte	RF	Curve Date
o-Terph Surr	13053.7	10-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	9223.6	10-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	11094.6	10-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	15690.7	07-MAY-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090610.b/0610a036.d
Date : 11-JUN-2009 00:42
Client ID:
Sample Info: HOIL ICV

Column phase: RTX-1

Instrument: fid4a.i

Operator: PC
Column diameter: 0.25



MW6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a005.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: RT
Client ID: RT
Injection: 12-JUN-2009 18:09
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.397	0.000	341364	406853	GAS (Tol-C12)	1243676	63
C8	1.507	0.000	261942	291281	DIESEL (C12-C24)	1449310	136
C10	2.133	0.000	499230	255843	M.OIL (C24-C38)	1616877	225
C12	2.633	0.000	582616	240057	AK-102 (C10-C25)	1956458	152
C14	3.045	0.000	406024	221123	AK-103 (C25-C36)	1540997	276
C16	3.404	0.000	468568	226819	OR.DIES (C10-C28)	2853290	190
C18	3.734	0.000	509443	234784	OR.MOIL (C28-C40)	756939	109
C20	4.132	0.000	433642	240835			
C22	4.520	0.000	491485	243885			
C24	4.840	0.000	570801	252731			
C25	4.978	0.000	812810	362468			
C26	5.100	0.000	581978	262593			
C28	5.323	0.000	593870	266105			
C32	5.704	0.000	481606	258918			
C34	5.901	0.000	305692	193654	CREOSOT (C12-C22)	1194106	328
Filter Peak	7.766	0.000	788	605			
C36	6.134	0.000	142320	132202			
C38	6.422	0.000	39847	64744			
C40	6.805	0.000	7398	27563			
o-terph	3.901	0.000	1457368	785234	JET-A (C10-C18)	1208089	91
Triacon Surr	5.525	0.000	1584058	822956			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	785234	51.0	113.3
Triacontane	822956	71.7	159.4

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a005.d

Date : 12-JUN-2009 18:09

Client ID: RT

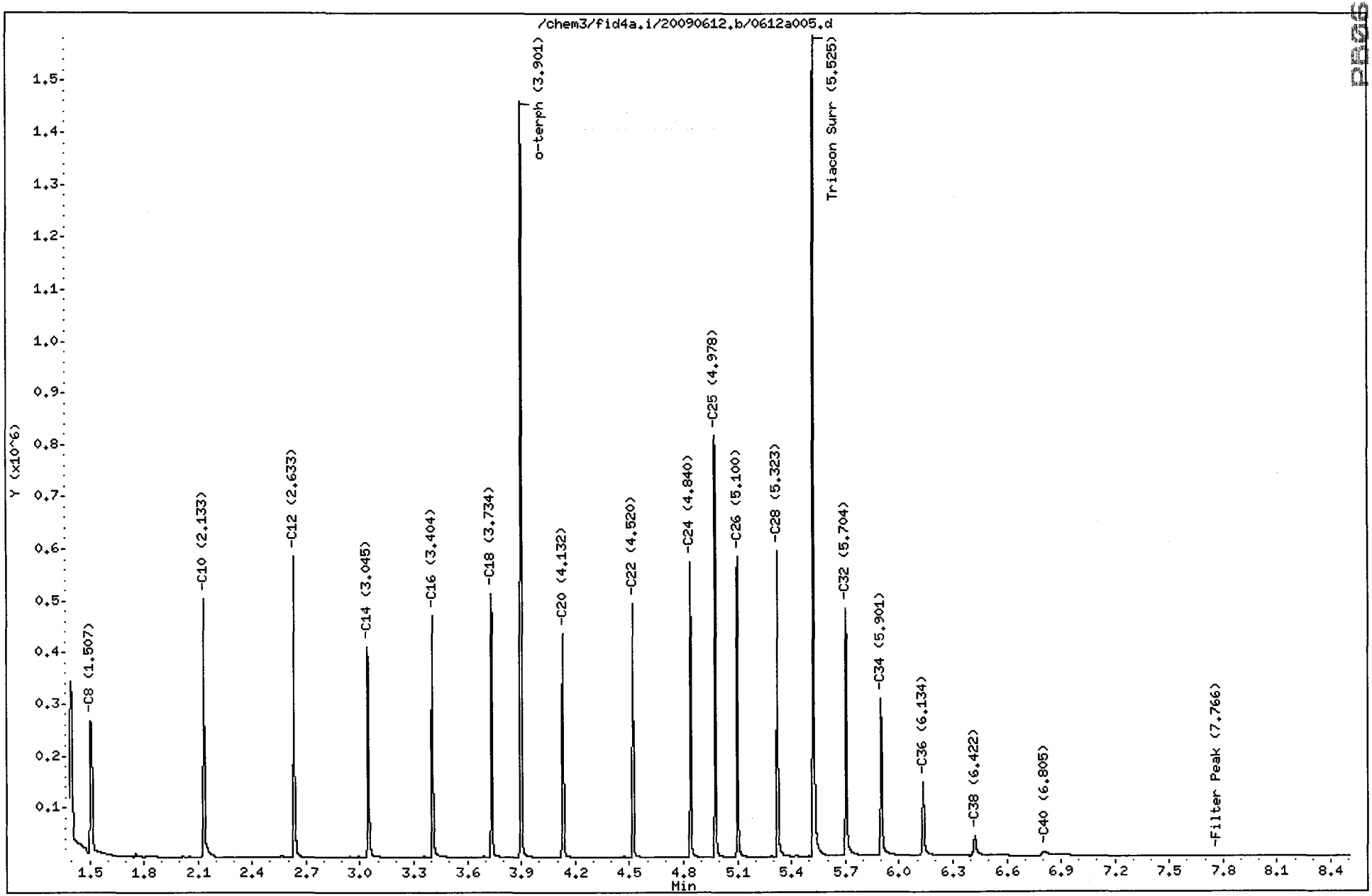
Sample Info: RT

Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25



MS 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a006.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: IB
Client ID: IB
Injection: 12-JUN-2009 18:23
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	----				GAS (Tol-C12)	49532	2
C8	1.529	0.022	3473	7823	DIESEL (C12-C24)	22151	2
C10	2.133	0.000	1042	939	M.OIL (C24-C38)	81983	11
C12	2.634	0.001	314	311	AK-102 (C10-C25)	34167	3
C14	3.051	0.006	116	93	AK-103 (C25-C36)	66338	12
C16	3.400	-0.004	134	108	OR.DIES (C10-C28)	44132	3
C18	3.743	0.009	27	11	OR.MOIL (C28-C40)	91815	13
C20	4.135	0.002	324	130			
C22	4.518	-0.003	252	392			
C24	4.852	0.011	192	33			
C25	4.978	0.000	184	78			
C26	5.091	-0.009	230	130			
C28	5.326	0.003	800	938			
C32	5.704	0.000	2024	4842			
C34	5.896	-0.005	1218	1424	CREOSOT (C12-C22)	19553	5
Filter Peak	7.767	0.000	823	595			
C36	6.140	0.006	1068	819			
C38	6.421	-0.001	926	439			
C40	6.808	0.003	840	531			
o-terph	3.901	0.000	1354324	762427	JET-A (C10-C18)	19254	1
Triacon Surr	5.525	0.000	1432385	780757			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	762427	49.5	110.1
Triacontane	780757	68.1	151.2

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a006.d

Date : 12-JUN-2009 18:23

Client ID: IB

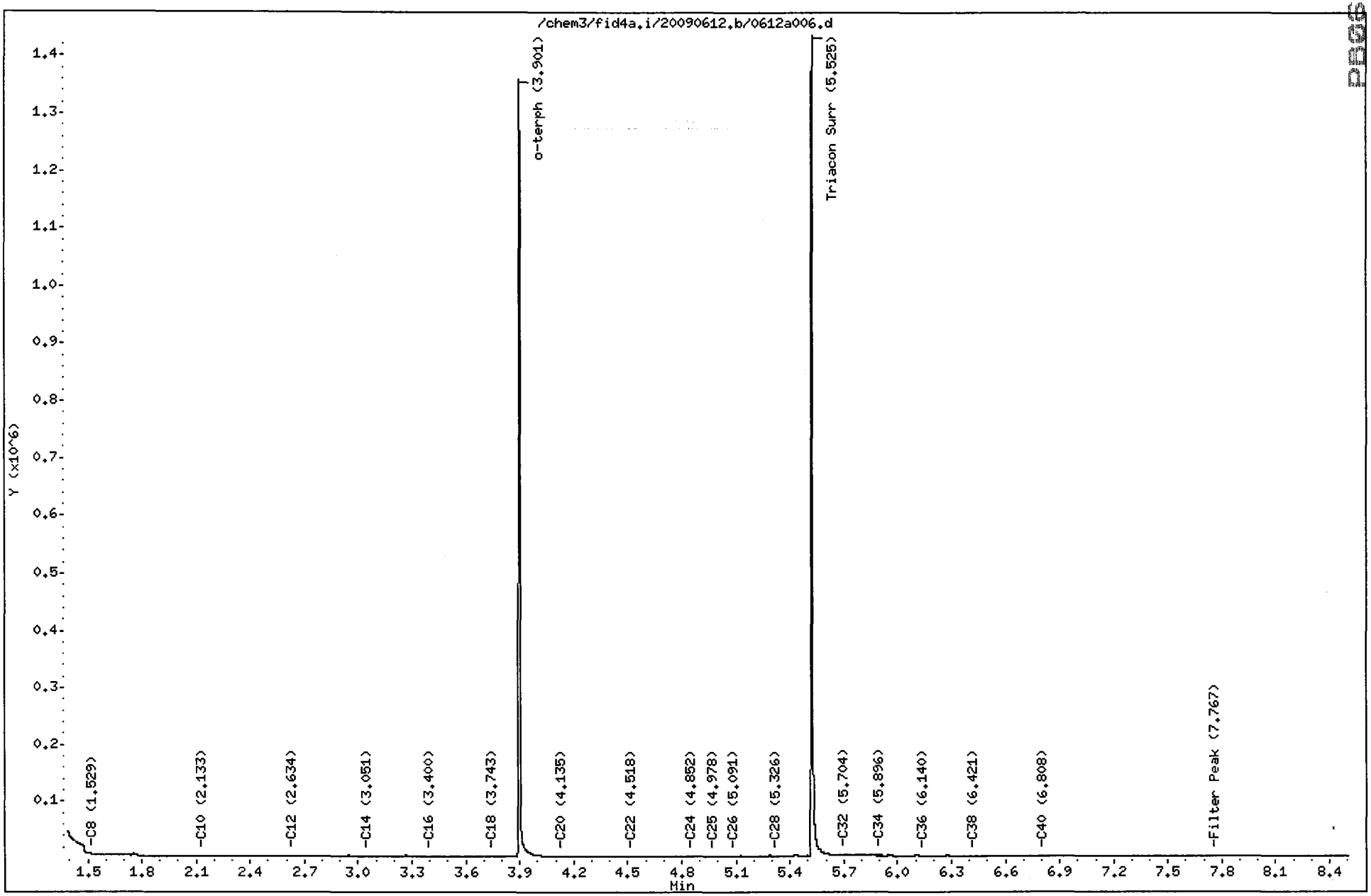
Sample Info: IB

Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25



7a

DIESEL CONTINUING CALIBRATION VERIFICATION

Lab Name: ANALYTICAL RESOURCES, INC. Client: ANCHOR ENVIRONMENTA

ICal Date: 11-JUN-2009 Project: BAY WOOD PRODUCTS

CCal Date: 12-JUN-2009 SDG No.: PB06

Analysis Time: 21:12 Lab ID: DIESEL#2

Instrument: FID4A.I Lab File Name: 0612a018.d

Diesel Range	Area*	CalcAmnt	NomAmnt	% D
WADies(C12-C24)	2927482	274.2	250	9.7
AK102 (C10-C25)	3512016	272.7	250	9.1
Terphenyl	721773	46.9	45	4.2

* Surrogate areas are subtracted from range areas
<- Indicates a %D outside QC limits

Quant Ranges : WA Diesel C12-C24
AK Diesel C10-C25

MS 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a018.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: DIESEL#2
Client ID: DIESEL#2
Injection: 12-JUN-2009 21:12

Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.397	0.000	23520	27621	GAS (Tol-C12)	809793	41
C8	1.508	0.001	11412	9998	DIESEL (C12-C24)	2927482	274
C10	2.132	-0.001	65271	30858	M.OIL (C24-C38)	66397	9
C12	2.632	-0.001	108110	54782	AK-102 (C10-C25)	3512016	273
C14	3.045	0.000	127166	57902	AK-103 (C25-C36)	56712	10
C16	3.403	-0.001	144233	71859	OR.DIES (C10-C28)	3551591	237
C18	3.734	0.000	108758	70157	OR.MOIL (C28-C40)	22394	3
C20	4.131	-0.002	58794	49541			
C22	4.520	0.000	22783	24037			
C24	4.843	0.003	6918	12344			
C25	4.984	0.006	3577	8825			
C26	5.099	-0.001	1657	361			
C28	5.327	0.004	666	462			
C32	5.715	0.011	386	163			
C34	5.900	-0.001	343	85	CREOSOT (C12-C22)	2827466	777
Filter Peak	7.764	-0.003	73	19			
C36	6.133	0.000	266	201			
C38	6.423	0.001	148	71			
C40	6.800	-0.005	92	85			
o-terph	3.902	0.001	1416221	721773	JET-A (C10-C18)	2659749	201
Triacon Surr	5.525	0.001	373	116			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	721773	46.9	104.2
Triacontane	116	0.0	0.0

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a018.d

Date : 12-JUN-2009 21:12

Client ID: DIESEL#2

Sample Info: DIESEL#2

Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25

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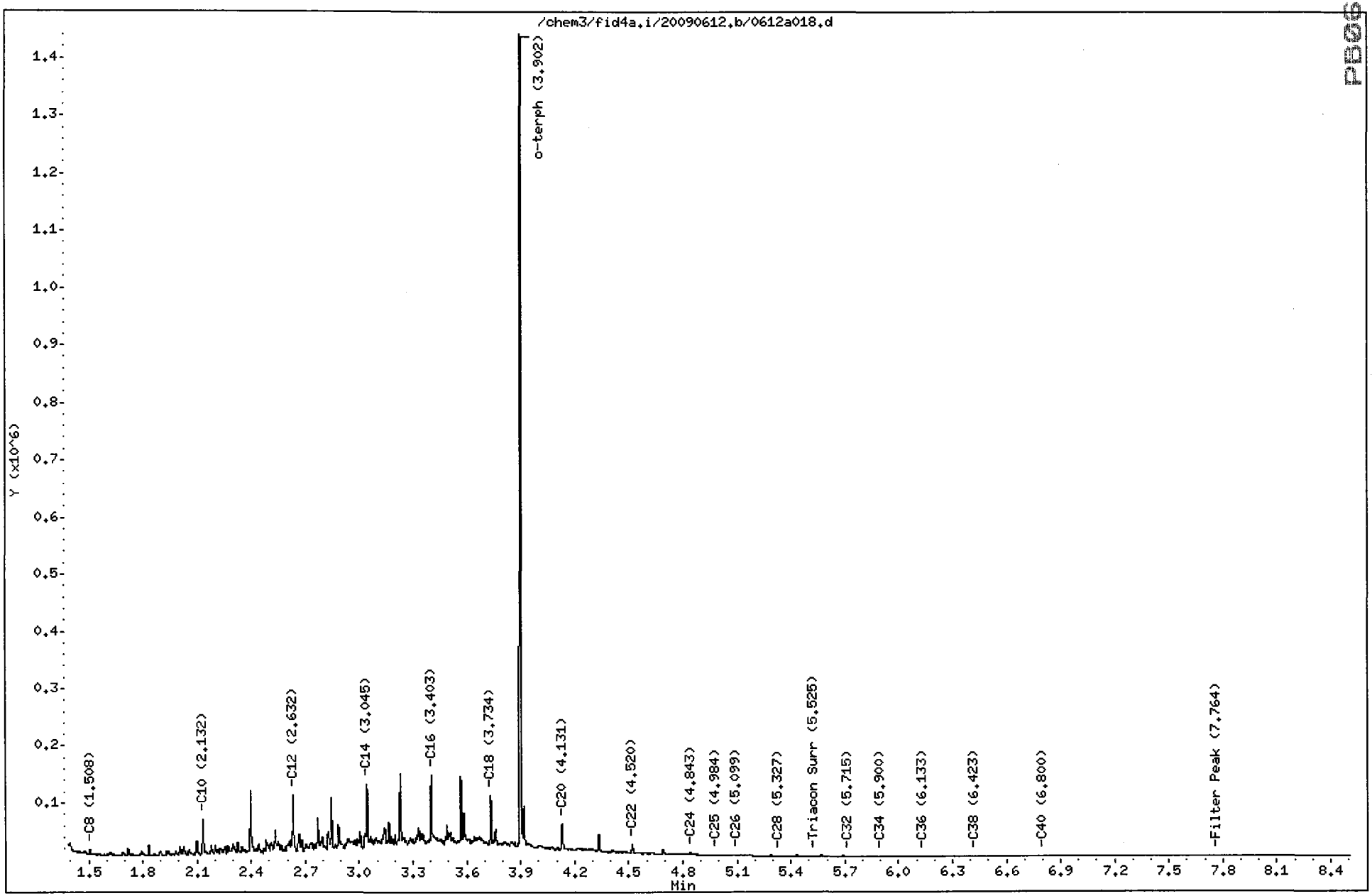

7a

MOTOR OIL CONTINUING CALIBRATION VERIFICATION

Lab Name: ANALYTICAL RESOURCES, INC. Client: ANCHOR ENVIRONMENTA

ICal Date: 10-JUN-2009 Project: BAY WOOD PRODUCTS

CCal Date: 12-JUN-2009 SDG No.: PB06

Analysis Time: 21:26 Lab ID: MOIL#2

Instrument: FID4A.I Lab File Name: 0612a019.d

M.oil Range	Area*	CalcAmnt	NomAmnt	% D	
WAMoil(C24-C38)	3518867	489.7	500	-2.1	
AK103 (C25-C36)	3273786	586.9	500	17.4	
n-Triacontane	624725	54.5	45	21.0	<-

* Surrogate areas are subtracted from range areas
<- Indicates a %D outside QC limits

Quant Ranges : WA M.Oil C24-C38
AK M.Oil C25-C36

MW 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a019.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: MOIL#2
Client ID: MOIL#2
Injection: 12-JUN-2009 21:26

Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	----				GAS (Tol-C12)	60652	3
C8	1.515	0.008	3780	4165	DIESEL (C12-C24)	462316	43
C10	2.134	0.001	3084	1981	M.OIL (C24-C38)	3518867	490
C12	2.632	-0.001	689	445	AK-102 (C10-C25)	532627	41
C14	3.046	0.001	63	24	AK-103 (C25-C36)	3273786	587
C16	3.407	0.002	56	28	OR.DIES (C10-C28)	1611499	108
C18	3.731	-0.003	3822	2461	OR.MOIL (C28-C40)	2469547	356
C20	4.131	-0.001	1608	1767			
C22	4.521	0.001	8909	7329			
C24	4.839	-0.001	21552	12988			
C25	4.981	0.004	30828	10948			
C26	5.097	-0.003	39364	20648			
C28	5.322	-0.001	52790	23005			
C32	5.705	0.001	63338	63829			
C34	5.898	-0.003	43707	17369	CREOSOT (C12-C22)	149664	41
Filter Peak	7.765	-0.001	1027	567			
C36	6.139	0.005	20789	21839			
C38	6.436	0.014	8070	8643			
C40	6.802	-0.003	3032	3263			
o-terph	3.903	0.002	4840	3525	JET-A (C10-C18)	21993	2
Triacon Surr	5.525	0.000	1292508	624725			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	3525	0.2	0.5
Triacontane	624725	54.5	121.0

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a019.d
Date : 12-JUN-2009 21:26
Client ID: MOIL#2
Sample Info: MOIL#2

Instrument: fid4a.i
Operator: MS
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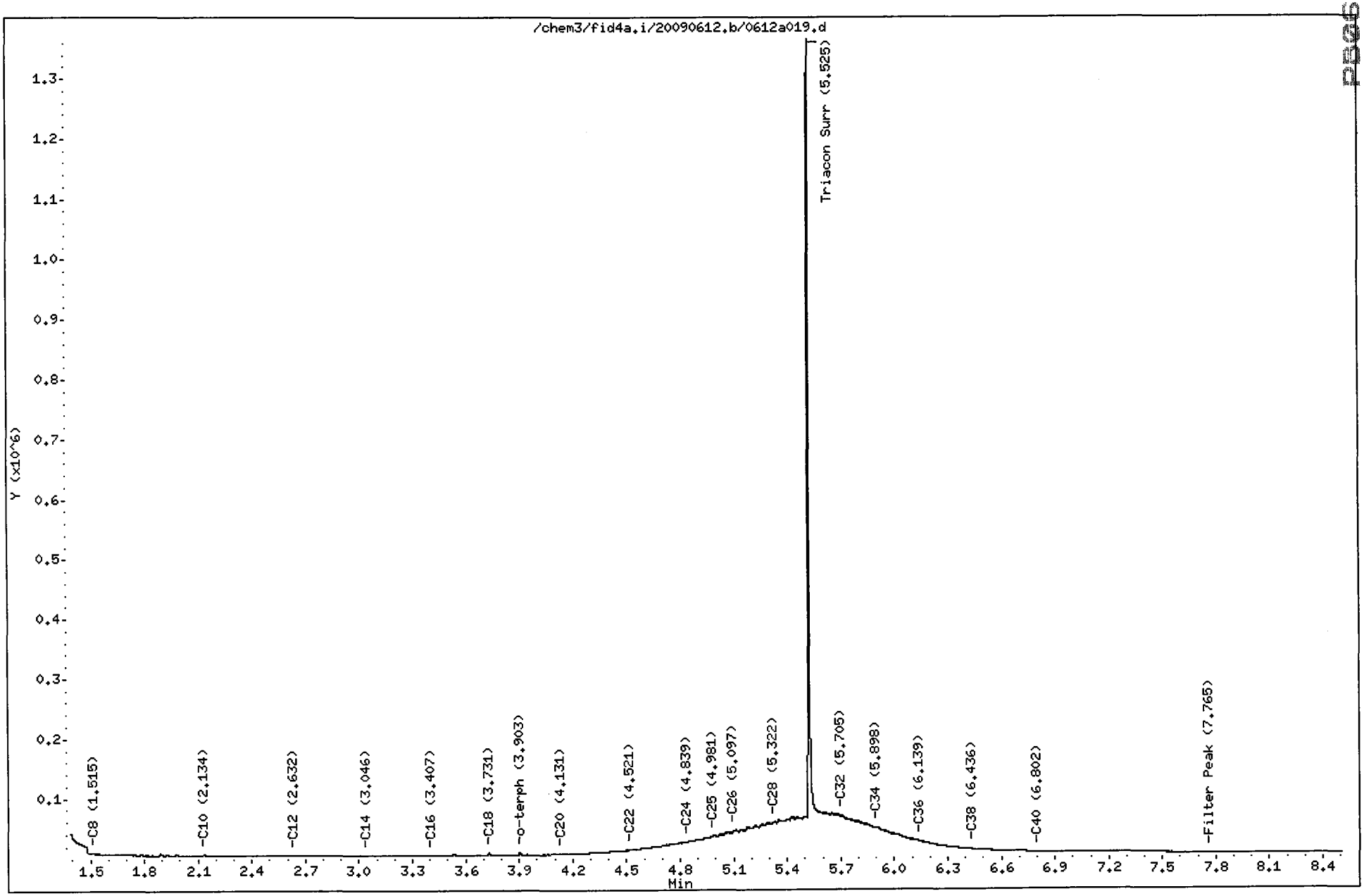
Column diameter: 0.25



7a

DIESEL CONTINUING CALIBRATION VERIFICATION

Lab Name: ANALYTICAL RESOURCES, INC. Client: ANCHOR ENVIRONMENTA

ICal Date: 11-JUN-2009 Project: BAY WOOD PRODUCTS

CCal Date: 12-JUN-2009 SDG No.: PB06

Analysis Time: 23:33 Lab ID: DIESEL#3

Instrument: FID4A.I Lab File Name: 0612a028.d

Diesel Range	Area*	CalcAmnt	NomAmnt	% D
WADies(C12-C24)	2769017	259.4	250	3.7
AK102 (C10-C25)	3331112	258.7	250	3.5
Terphenyl	698317	45.4	45	0.8

* Surrogate areas are subtracted from range areas
<- Indicates a %D outside QC limits

Quant Ranges : WA Diesel C12-C24
AK Diesel C10-C25

MS 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a028.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: DIESEL#3
Client ID: DIESEL#3
Injection: 12-JUN-2009 23:33

Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.386	-0.011	20804	29249	GAS (Tol-C12)	760189	38
C8	1.500	-0.008	10139	8575	DIESEL (C12-C24)	2769017	259
C10	2.129	-0.004	60418	29173	M.OIL (C24-C38)	64799	9
C12	2.630	-0.003	98004	52680	AK-102 (C10-C25)	3331112	259
C14	3.044	-0.001	126445	56551	AK-103 (C25-C36)	54253	10
C16	3.403	-0.002	141996	92490	OR.DIES (C10-C28)	3367915	225
C18	3.734	0.000	110070	67429	OR.MOIL (C28-C40)	24604	4
C20	4.132	0.000	57396	46898			
C22	4.521	0.001	22014	23129			
C24	4.844	0.003	6816	10171			
C25	4.974	-0.004	2346	509			
C26	5.099	-0.001	1459	318			
C28	5.321	-0.002	561	472			
C32	5.715	0.011	369	332			
C34	5.903	0.002	356	280	CREOSOT (C12-C22)	2680625	737
Filter Peak	7.765	-0.002	74	24			
C36	6.136	0.002	275	80			
C38	6.430	0.008	233	225			
C40	6.804	-0.001	163	110			
o-terph	3.902	0.001	1393132	698317	JET-A (C10-C18)	2544528	192
Triacon Surr	5.514	-0.011	334	150			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	698317	45.4	100.8
Triacontane	150	0.0	0.0

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a028.d

Date : 12-JUN-2009 23:33

Client ID: DIESEL#3

Sample Info: DIESEL#3

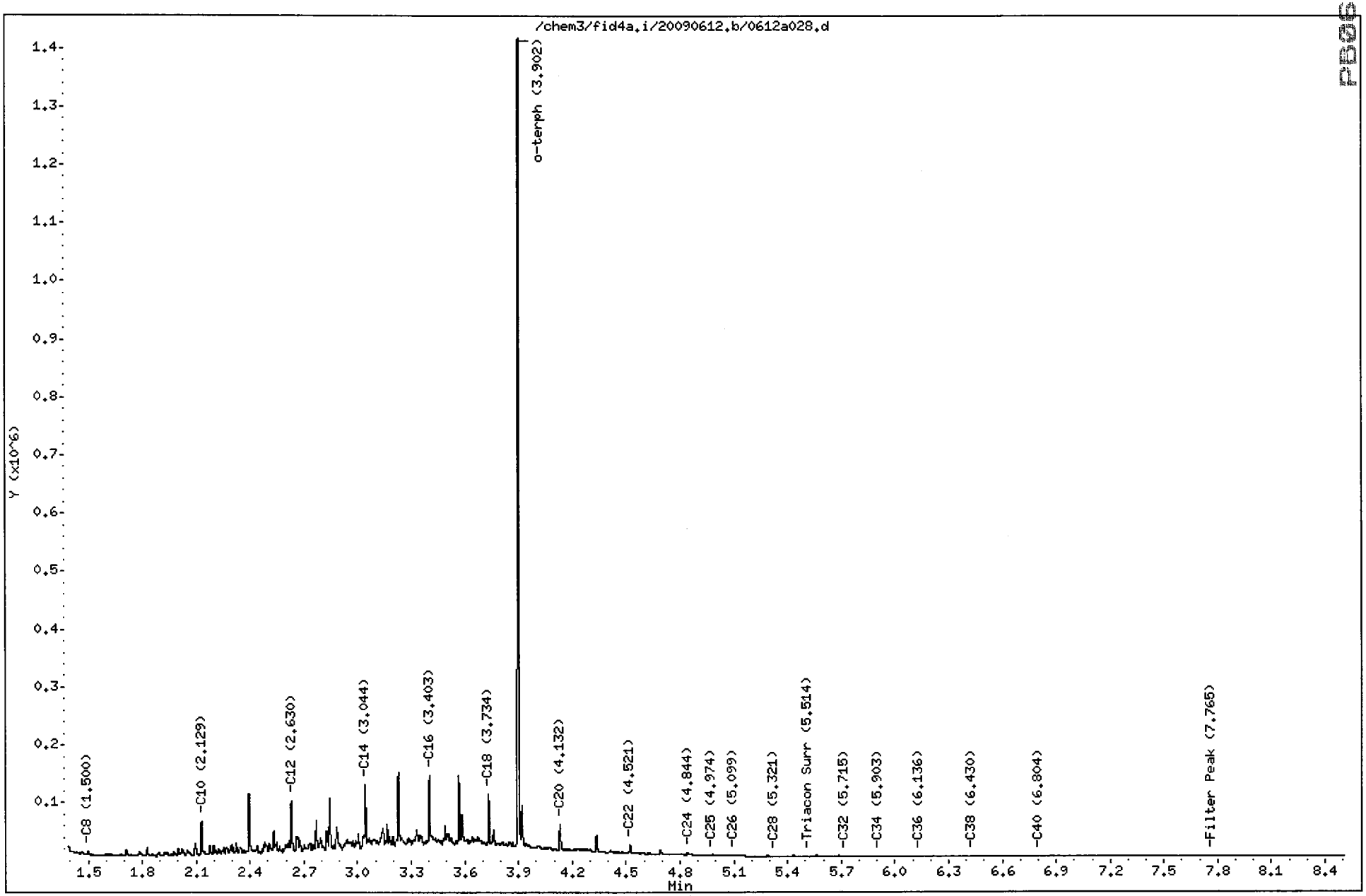
Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25

PB96-916333



7a

MOTOR OIL CONTINUING CALIBRATION VERIFICATION

Lab Name: ANALYTICAL RESOURCES, INC. Client: ANCHOR ENVIRONMENTA

ICal Date: 10-JUN-2009 Project: BAY WOOD PRODUCTS

CCal Date: 12-JUN-2009 SDG No.: PB06

Analysis Time: 23:47 Lab ID: MOIL#3

Instrument: FID4A.I Lab File Name: 0612a029.d

M.oil Range	Area*	CalcAmnt	NomAmnt	% D	
WAMoil(C24-C38)	3589955	499.6	500	-0.1	
AK103 (C25-C36)	3333830	597.6	500	19.5	
n-Triacontane	653864	57.0	45	26.7	<-

* Surrogate areas are subtracted from range areas
<- Indicates a %D outside QC limits

Quant Ranges : WA M.Oil C24-C38
AK M.Oil C25-C36

MW 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a029.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: MOIL#3
Client ID: MOIL#3
Injection: 12-JUN-2009 23:47

Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.450	0.053	18922	11530	GAS (Tol-C12)	94189	5
C8	1.514	0.006	3534	3806	DIESEL (C12-C24)	469434	44
C10	2.135	0.002	3160	2042	M.OIL (C24-C38)	3589955	500
C12	2.632	-0.001	738	428	AK-102 (C10-C25)	542677	42
C14	3.046	0.001	59	36	AK-103 (C25-C36)	3333830	598
C16	3.404	-0.001	71	33	OR.DIES (C10-C28)	1676833	112
C18	3.731	-0.003	3962	2483	OR.MOIL (C28-C40)	2484193	358
C20	4.131	-0.002	1675	916			
C22	4.521	0.001	9129	9291			
C24	4.840	-0.001	21990	14647			
C25	4.975	-0.003	30613	13328			
C26	5.097	-0.003	39567	28520			
C28	5.319	-0.004	54898	22753			
C32	5.695	-0.009	65047	70470			
C34	5.893	-0.008	46246	50133	CREOSOT (C12-C22)	157811	43
Filter Peak	7.763	-0.003	1171	811			
C36	6.132	-0.002	22805	21723			
C38	6.424	0.002	8989	5197			
C40	6.815	0.010	3355	2569			
o-terph	3.904	0.002	4897	3662	JET-A (C10-C18)	21859	2
Triacon Surr	5.519	-0.005	1379553	653864			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	3662	0.2	0.5
Triacontane	653864	57.0	126.7

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a029.d

Date : 12-JUN-2009 23:47

Client ID: MOIL#3

Sample Info: MOIL#3

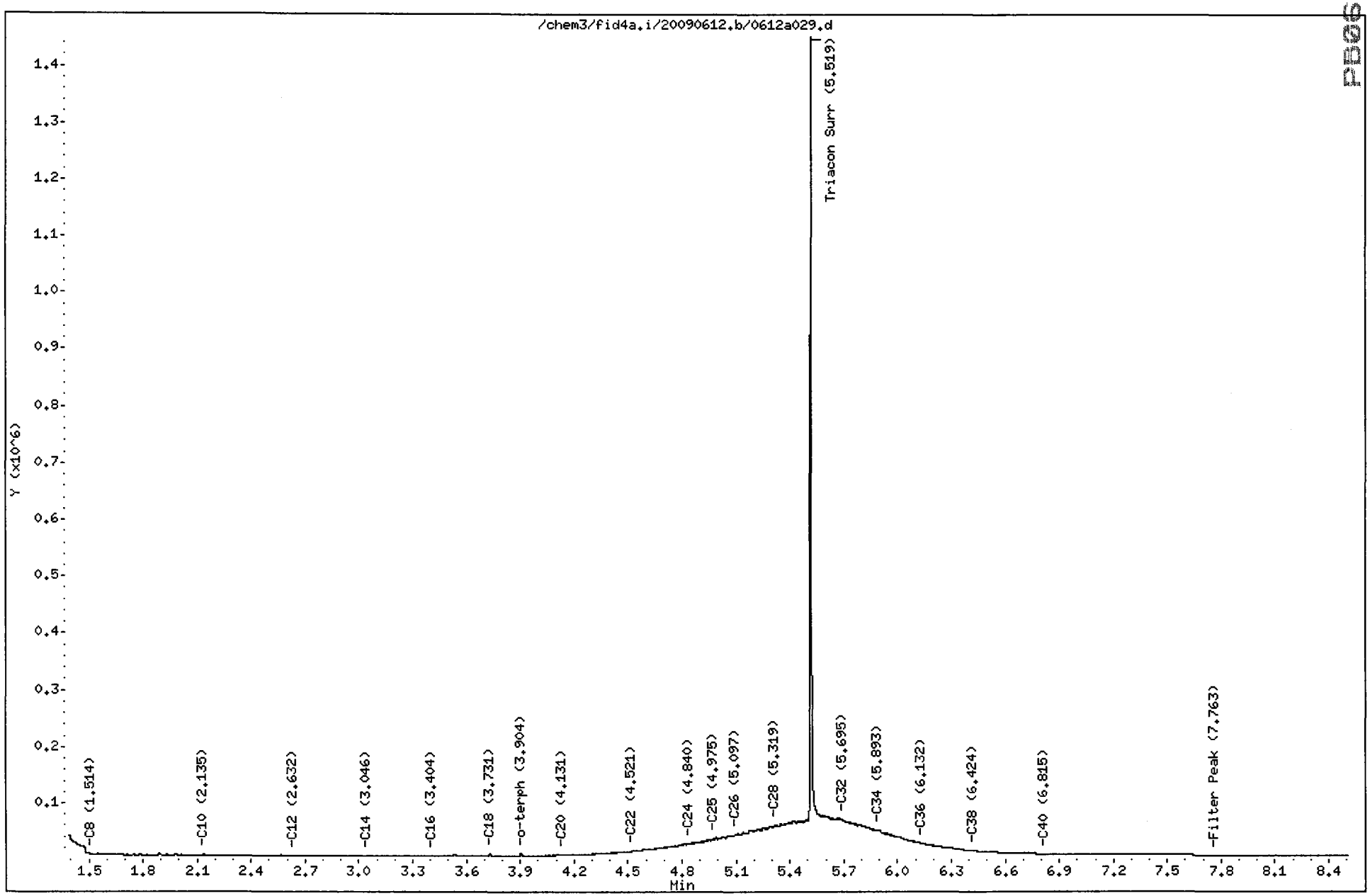
Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25

PB06-041052



7a

DIESEL CONTINUING CALIBRATION VERIFICATION

Lab Name: ANALYTICAL RESOURCES, INC. Client: ANCHOR ENVIRONMENTA

ICal Date: 11-JUN-2009 Project: BAY WOOD PRODUCTS

CCal Date: 13-JUN-2009 SDG No.: PB06

Analysis Time: 02:21 Lab ID: DIESEL#4

Instrument: FID4A.I Lab File Name: 0612a040.d

Diesel Range	Area*	CalcAmnt	NomAmnt	% D
WADies(C12-C24)	2824669	264.6	250	5.8
AK102 (C10-C25)	3389342	263.2	250	5.3
Terphenyl	716297	46.5	45	3.4

* Surrogate areas are subtracted from range areas
<- Indicates a %D outside QC limits

Quant Ranges : WA Diesel C12-C24
AK Diesel C10-C25

MS 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a040.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: DIESEL#4
Client ID: DIESEL#4
Injection: 13-JUN-2009 02:21
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.385	-0.012	23567	31129	GAS (Tol-C12)	765905	39
C8	1.500	-0.007	11065	9266	DIESEL (C12-C24)	2824669	265
C10	2.130	-0.003	61896	29449	M.OIL (C24-C38)	62704	9
C12	2.632	-0.001	104626	53235	AK-102 (C10-C25)	3389342	263
C14	3.044	-0.001	126134	58853	AK-103 (C25-C36)	53103	10
C16	3.403	-0.001	147940	69042	OR.DIES (C10-C28)	3425290	229
C18	3.735	0.001	109198	69842	OR.MOIL (C28-C40)	24892	4
C20	4.133	0.000	58231	48774			
C22	4.522	0.001	22853	22189			
C24	4.843	0.002	7604	11355			
C25	4.982	0.004	3827	7333			
C26	5.108	0.008	1781	2477			
C28	5.321	-0.002	453	196			
C32	5.708	0.004	376	509			
C34	5.896	-0.005	379	376	CREOSOT (C12-C22)	2735579	752
Filter Peak	7.768	0.002	72	43			
C36	6.132	-0.002	288	209			
C38	6.428	0.006	295	239			
C40	6.807	0.002	168	136			
o-terph	3.903	0.001	1372379	716297	JET-A (C10-C18)	2585189	195
Triacon Surr	5.534	0.009	803	1278			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	716297	46.5	103.4
Triacontane	1278	0.1	0.2

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a040.d

Date : 13-JUN-2009 02:21

Client ID: DIESEL#4

Sample Info: DIESEL#4

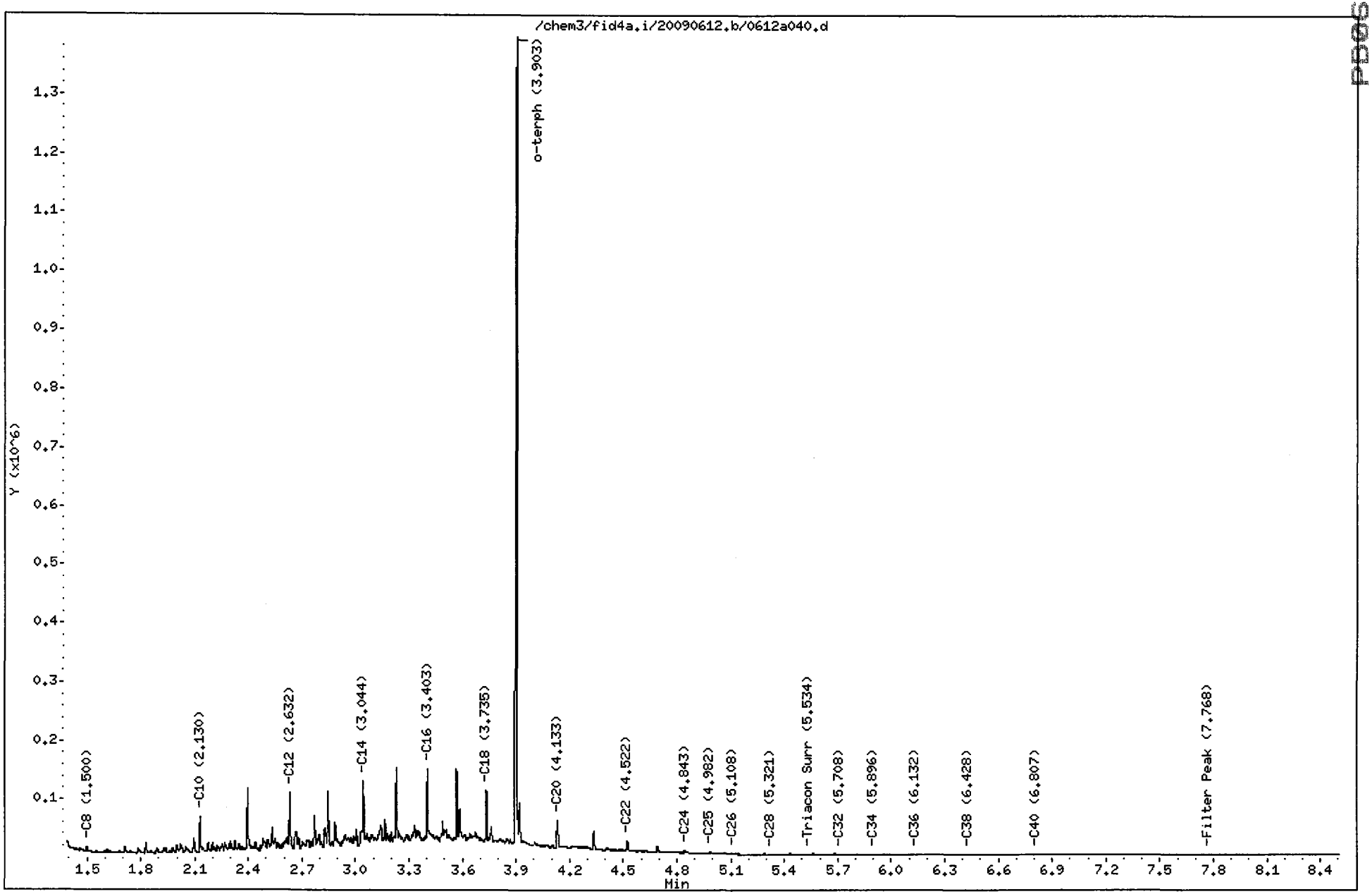
Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25

PB05-061105



7a

MOTOR OIL CONTINUING CALIBRATION VERIFICATION

Lab Name: ANALYTICAL RESOURCES, INC. Client: ANCHOR ENVIRONMENTA

ICal Date: 10-JUN-2009 Project: BAY WOOD PRODUCTS

CCal Date: 13-JUN-2009 SDG No.: PB06

Analysis Time: 02:35 Lab ID: MOIL#4

Instrument: FID4A.I Lab File Name: 0612a041.d

M.oil Range	Area*	CalcAmnt	NomAmnt	% D	
WAMoil(C24-C38)	3766022	524.1	500	4.8	
AK103 (C25-C36)	3522858	631.5	500	26.3	<-
n-Triacontane	689921	60.1	45	33.6	<-

* Surrogate areas are subtracted from range areas
<- Indicates a %D outside QC limits

Quant Ranges : WA M.Oil C24-C38
AK M.Oil C25-C36

Analytical Resources Inc.
TPH Quantitation Report

JW 6/17/09

Data file: /chem3/fid4a.i/20090612.b/0612a041.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: MOIL#4
Client ID: MOIL#4
Injection: 13-JUN-2009 02:35
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.470	0.073	17772	12982	GAS (Tol-C12)	69719	4
C8	1.506	-0.002	3975	4448	DIESEL (C12-C24)	489738	46
C10	2.138	0.004	3360	1897	M.OIL (C24-C38)	3766022	524
C12	2.633	0.001	782	403	AK-102 (C10-C25)	564289	44
C14	3.042	-0.003	60	20	AK-103 (C25-C36)	3522858	632
C16	3.405	0.001	71	39	OR.DIES (C10-C28)	1756076	117
C18	3.731	-0.003	4016	2535	OR.MOIL (C28-C40)	2601985	375
C20	4.131	-0.001	1802	1349			
C22	4.524	0.003	9757	9980			
C24	4.843	0.003	23197	11036			
C25	4.975	-0.002	32522	9042			
C26	5.099	-0.001	42471	14971			
C28	5.328	0.005	59622	71888			
C32	5.700	-0.004	66966	39260			
C34	5.895	-0.006	46040	42131	CREOSOT (C12-C22)	162835	45
Filter Peak	7.777	0.010	1213	650			
C36	6.136	0.002	20810	15901			
C38	6.423	0.001	8159	8726			
C40	6.799	-0.006	3174	2308			
o-terph	3.903	0.001	5602	3874	JET-A (C10-C18)	22213	2
Triacon Surr	5.517	-0.007	1464842	689921			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	3874	0.3	0.6
Triacontane	689921	60.1	133.6

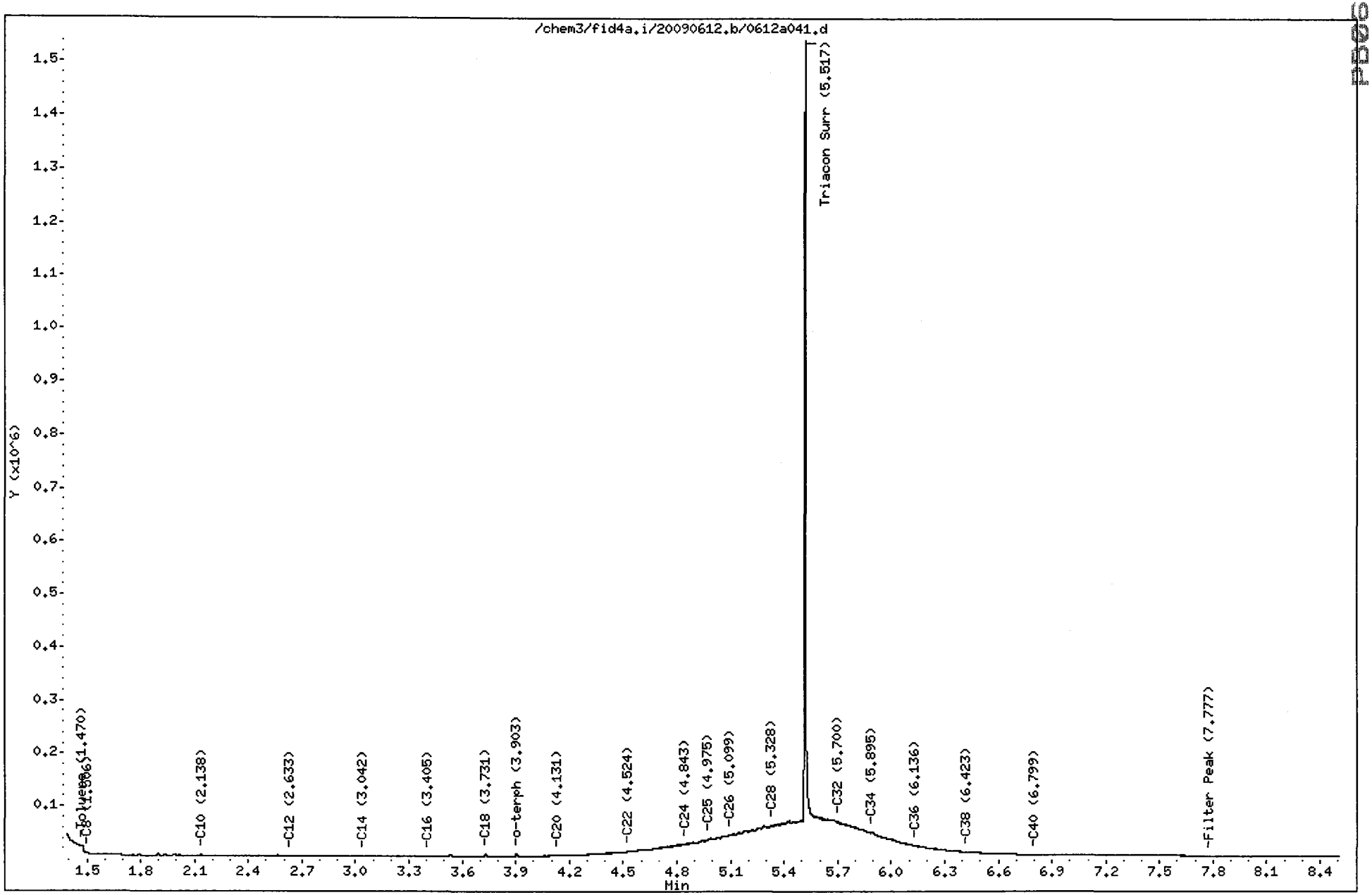
Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a041.d
Date : 13-JUN-2009 02:35
Client ID: MOIL#4
Sample Info: MOIL#4

Column phase: RTX-1

Instrument: fid4a.i

Operator: MS
Column diameter: 0.25



TPHD Analysis
QC Raw Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

MS 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a020.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06MBS1
Client ID: PB06MBS1
Injection: 12-JUN-2009 21:40

Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.354	-0.043	79194	135529	GAS (Tol-C12)	499316	25
C8	1.501	-0.007	4920	5122	DIESEL (C12-C24)	44581	4
C10	2.141	0.008	4572	2460	M.OIL (C24-C38)	50627	7
C12	2.631	-0.002	3301	2580	AK-102 (C10-C25)	142693	11
C14	3.051	0.006	456	406	AK-103 (C25-C36)	41737	7
C16	3.401	-0.003	629	533	OR.DIES (C10-C28)	151612	10
C18	3.735	0.001	335	108	OR.MOIL (C28-C40)	50327	7
C20	4.136	0.004	295	59			
C22	4.519	-0.001	219	94			
C24	4.848	0.008	385	517			
C25	4.985	0.008	421	615			
C26	5.105	0.005	514	557			
C28	5.325	0.003	1059	1170			
C32	5.696	-0.009	2247	1988			
C34	5.893	-0.008	996	588	CREOSOT (C12-C22)	41553	11
Filter Peak	7.764	-0.002	302	81			
C36	6.136	0.002	746	570			
C38	6.427	0.005	532	534			
C40	6.803	-0.002	402	280			
o-terph	3.900	-0.002	1151202	653515	JET-A (C10-C18)	131437	10
Triacon Surr	5.527	0.003	1275171	677348			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	653515	42.5	94.3
Triacontane	677348	59.0	131.2

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a020.d

Date : 12-JUN-2009 21:40

Client ID: PB06MBS1

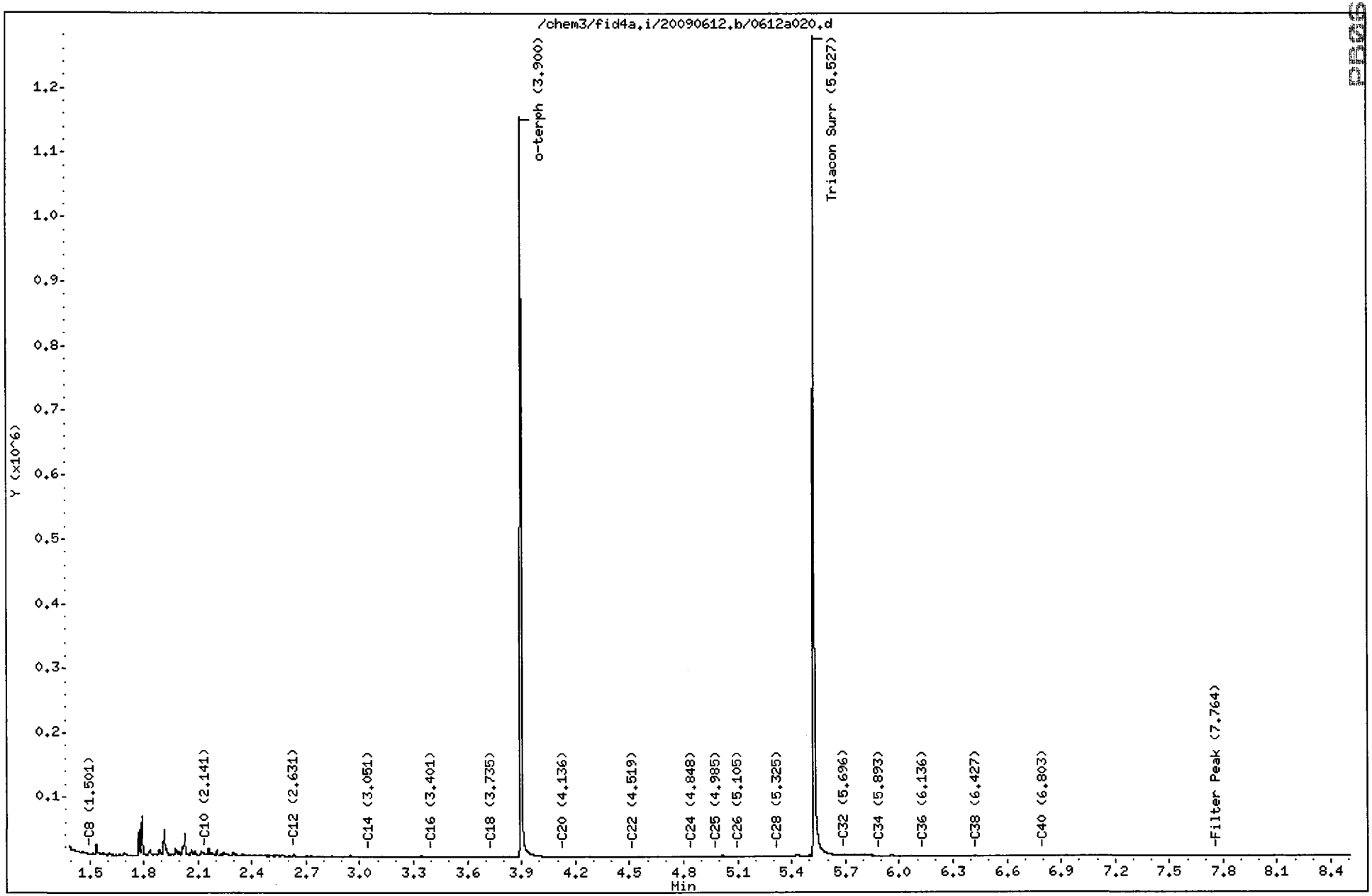
Sample Info: PB06MBS1

Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25



MM 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a031.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06GMS
Client ID: BW-07-SS-090602 MS
Injection: 13-JUN-2009 00:15

Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.385	-0.012	38634	43738	GAS (Tol-C12)	3319725	167
C8	1.501	-0.007	20837	12662	DIESEL (C12-C24)	15530900	1455
C10	2.130	-0.003	270673	128119	M.OIL (C24-C38)	11204602	1559
C12	2.633	0.000	494178	251360	AK-102 (C10-C25)	18286593	1420
C14	3.044	-0.001	702295	296196	AK-103 (C25-C36)	10501824	1883
C16	3.403	-0.001	817636	369565	OR.DIES (C10-C28)	22189037	1481
C18	3.737	0.003	633189	326842	OR.MOIL (C28-C40)	7226280	1041
C20	4.136	0.004	346167	246610			
C22	4.521	0.001	194341	170563			
C24	4.840	0.000	151463	129919			
C25	4.977	0.000	187952	253849			
C26	5.101	0.001	173788	196844			
C28	5.322	0.000	208012	225804			
C32	5.698	-0.006	182631	223681			
C34	5.893	-0.008	117640	165517	CREOSOT (C12-C22)	13804645	3795
Filter Peak	7.771	0.005	672	339			
C36	6.139	0.005	47571	39136			
C38	6.435	0.013	18219	23733			
C40	6.800	-0.005	5794	8867			
o-terph	3.903	0.002	1332361	678725	JET-A (C10-C18)	11878587	897
Triacon Surr	5.522	-0.003	1450418	682680			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	678725	44.1	98.0
Triacontane	682680	59.5	132.2

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a031.d

Date : 13-JUN-2009 00:15

Client ID: BW-07-SS-090602 MS

Sample Info: PB06GMS

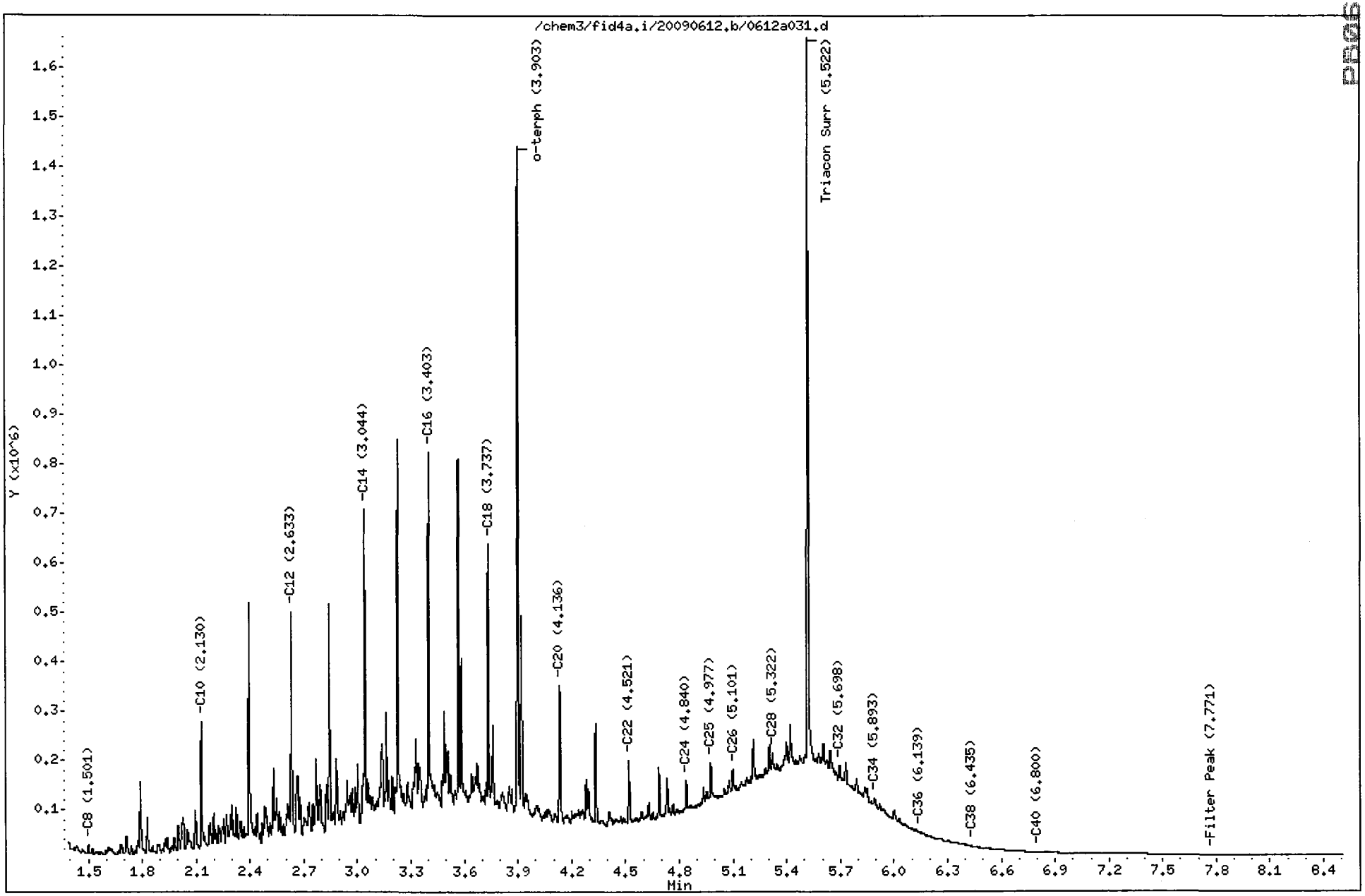
Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25

PB06 : 01113



MS 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a032.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06GMSD
Client ID: BW-07-SS-090602 MSD
Injection: 13-JUN-2009 00:29
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.407	0.010	13030	5431	GAS (Tol-C12)	3183358	161
C8	1.497	-0.010	19598	12451	DIESEL (C12-C24)	15141258	1418
C10	2.129	-0.004	275620	126787	M.OIL (C24-C38)	10691040	1488
C12	2.632	-0.001	495485	250953	AK-102 (C10-C25)	17803957	1383
C14	3.045	0.000	680181	289680	AK-103 (C25-C36)	10075868	1806
C16	3.404	-0.001	805144	360126	OR.DIES (C10-C28)	21691573	1448
C18	3.736	0.002	597265	318692	OR.MOIL (C28-C40)	6748674	972
C20	4.137	0.004	332997	260132			
C22	4.521	0.001	188101	174655			
C24	4.841	0.001	145217	109837			
C25	4.978	0.000	183278	311482			
C26	5.100	0.000	166302	171710			
C28	5.322	-0.001	196629	161888			
C32	5.696	-0.008	176588	157143			
C34	5.891	-0.010	108919	188959	CREOSOT (C12-C22)	13477609	3705
Filter Peak	7.771	0.004	598	245			
C36	6.124	-0.009	49140	51472			
C38	6.427	0.005	16928	13699			
C40	6.809	0.004	5049	5394			
o-terph	3.903	0.002	1271319	647343	JET-A (C10-C18)	11610716	877
Triacon Surr	5.521	-0.004	1416891	652892			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	647343	42.1	93.4
Triacontane	652892	56.9	126.5

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a032.d

Date : 13-JUN-2009 00:29

Client ID: BW-07-SS-090602 MSD

Sample Info: PB06GMSD

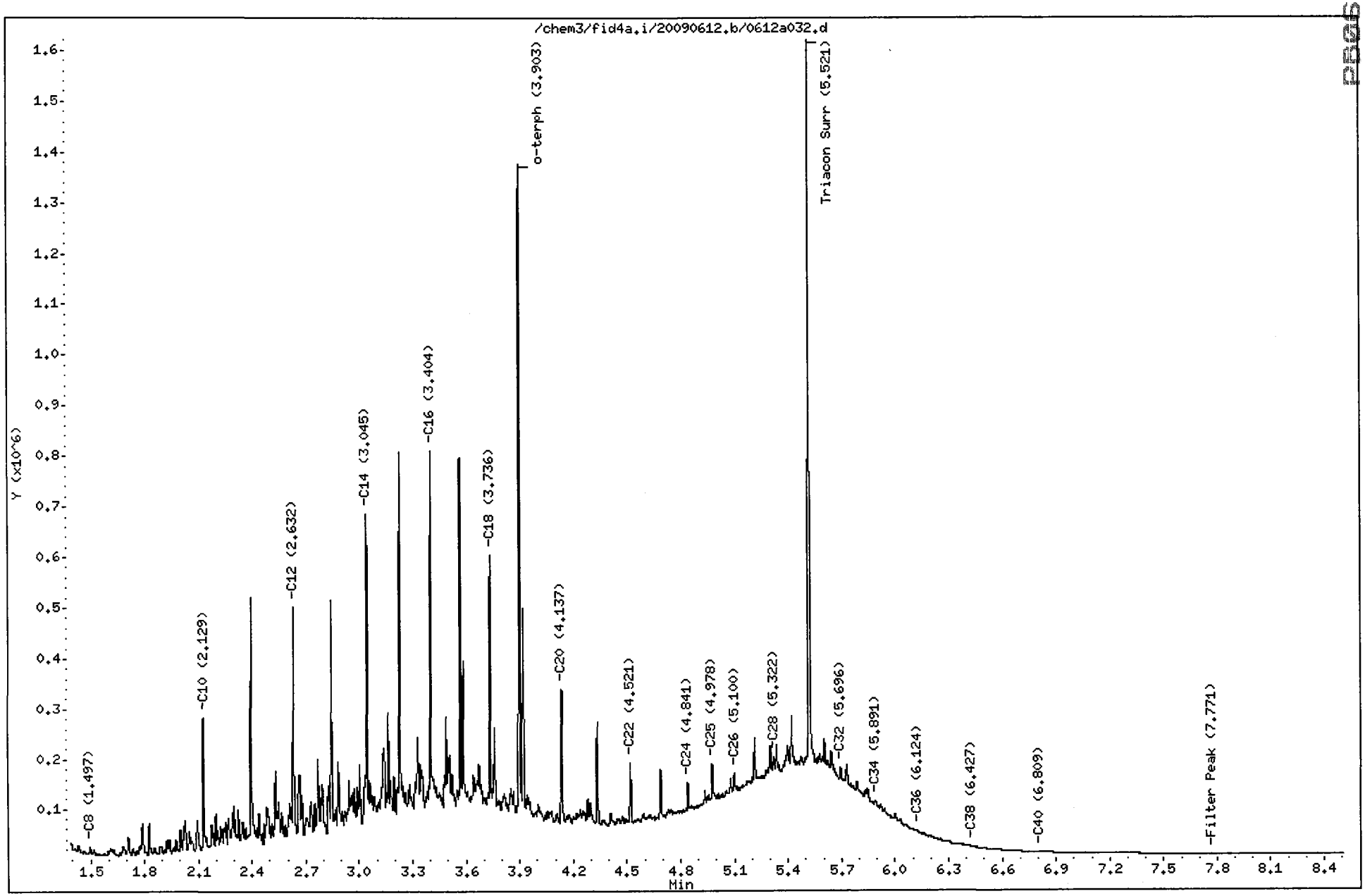
Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25

PB06:G1115



mw 6/17/09

Analytical Resources Inc.
TPH Quantitation Report

Data file: /chem3/fid4a.i/20090612.b/0612a021.d
Method: /chem3/fid4a.i/20090617.b/ftphfid4a.m
Instrument: fid4a.i
Operator: MS
Report Date: 06/17/2009
Macro: 11-JUN-2009
Calibration Dates: Gas:12-MAY-2009 Diesel:11-JUN-2009 M.Oil:10-JUN-2009

ARI ID: PB06LCSS1
Client ID: PB06LCSS1
Injection: 12-JUN-2009 21:54
Dilution Factor: 1

FID:4A RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
Toluene	1.386	-0.011	49471	56357	GAS (Tol-C12)	4162113	210
C8	1.501	-0.006	25926	17342	DIESEL (C12-C24)	16202368	1518
C10	2.130	-0.003	337607	158816	M.OIL (C24-C38)	381226	53
C12	2.633	0.001	579360	301616	AK-102 (C10-C25)	19458145	1511
C14	3.045	0.000	789342	324140	AK-103 (C25-C36)	334979	60
C16	3.403	-0.001	899631	414381	OR.DIES (C10-C28)	19727515	1317
C18	3.735	0.001	653915	343173	OR.MOIL (C28-C40)	77835	11
C20	4.131	-0.001	363645	287778			
C22	4.519	-0.002	158684	115726			
C24	4.839	-0.001	67550	71887			
C25	4.975	-0.002	40647	50794			
C26	5.099	-0.001	23887	24803			
C28	5.321	-0.001	7608	8097			
C32	5.709	0.005	2668	5409			
C34	5.905	0.004	1145	769	CREOSOT (C12-C22)	15581198	4283
Filter Peak	7.765	-0.002	95	92			
C36	6.135	0.002	691	286			
C38	6.424	0.002	354	313			
C40	6.799	-0.006	170	110			
o-terph	3.902	0.001	1329349	693763	JET-A (C10-C18)	14743453	1114
Triacon Surr	5.523	-0.001	1399288	743076			

Range Times: NW Diesel(2.633 - 4.840) AK102(2.13 - 4.98) Jet A(2.13 - 3.73)
NW M.Oil(4.84 - 6.42) AK103(4.98 - 6.13) OR Diesel(2.13 - 5.32)

Surrogate	Area	Amount	%Rec
o-Terphenyl	693763	45.1	100.1
Triacontane	743076	64.8	143.9

Analyte	RF	Curve Date
o-Terph Surr	15394.5	11-JUN-2009
Triacon Surr	11471.4	10-JUN-2009
Gas	19826.5	12-MAY-2009
Diesel	10676.0	11-JUN-2009
Motor Oil	7186.2	10-JUN-2009
AK102	12877.6	11-JUN-2009
AK103	5578.5	10-JUN-2009
JetA	13235.4	11-JUN-2009
OR Diesel	14983.0	
OR M.Oil	6945.0	
Bunker C	7267.4	04-MAR-2009
Creosote	3637.7	13-DEC-2004

Data File: /chem3/fid4a.i/20090612.b/0612a021.d

Date : 12-JUN-2009 21:54

Client ID: PB06LCSS1

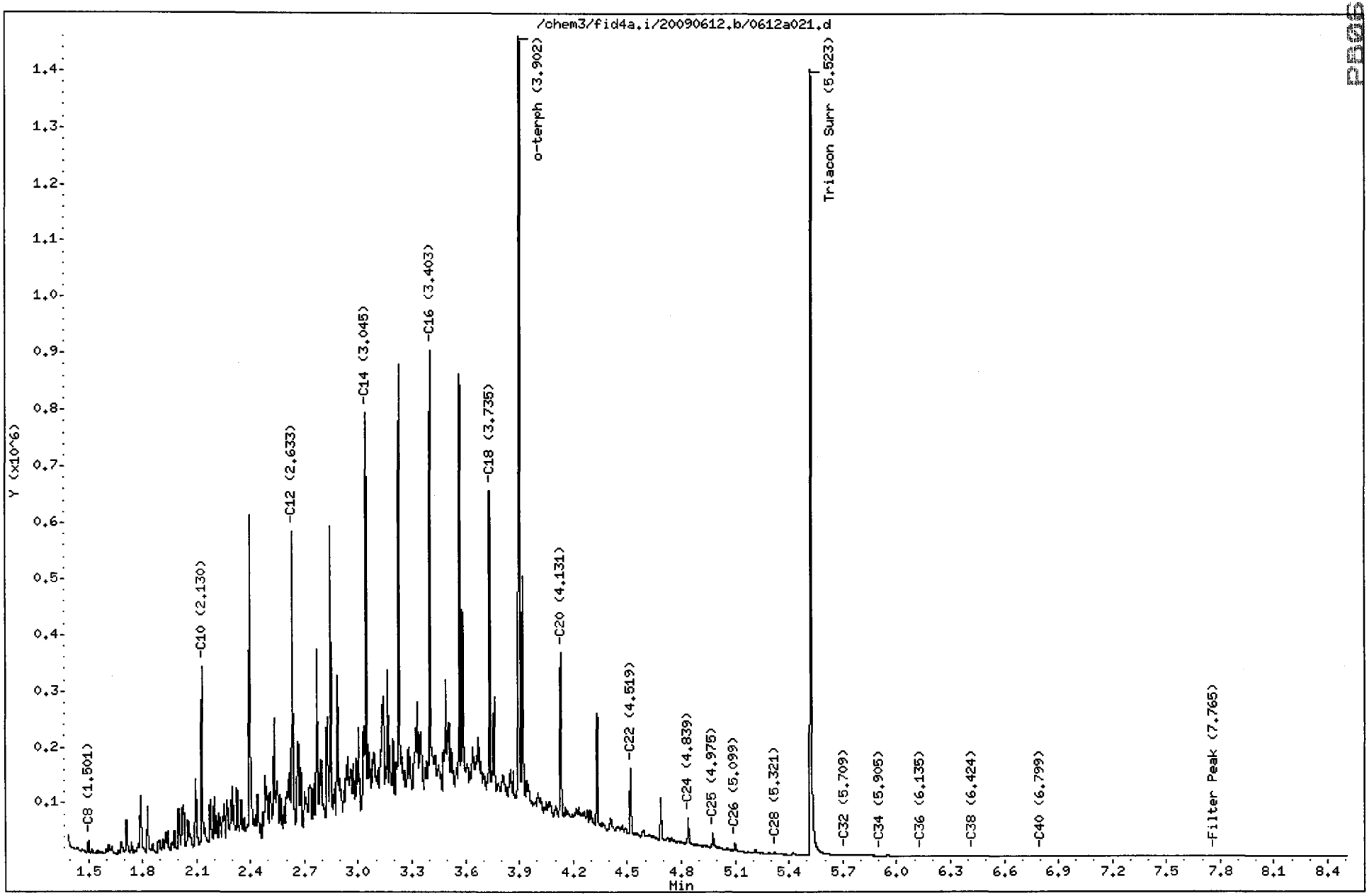
Sample Info: PB06LCSS1

Column phase: RTX-1

Instrument: fid4a.i

Operator: MS

Column diameter: 0.25



TPHD Analysis
Extraction Bench Sheets/Run Logs

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

RUSH

Organic Extractions Benchsheet

NWTPHD-Soil

Sonication (3550B) (SOP # 304S)

Preparation Test TPHD # 2 In-House

ARI Job No(s) PBϕϵ Batch set up by: ~~JH~~

Bottle #	Extraction Requirements	Verify Client ID	Volume Extracted	~~Transfer to Turbo Tubes~~ KD	TurboVap 1 2 3	Acid/Silica Clean (Y) N	TurboVap 1 2 3	Final Effective Volume	Volume to Lab	Comments
	PBϕϵ MBS	Date 6.9.09	10.00g					1mL	1mL	
	↓ SBS	↓	↓					↓	↓	
	~~SBS Dup.~~		↓							
5	PBϕϵ A	verified	1ϕ.62g							
4	B		1ϕ.28g							
5	C		1ϕ.30g							
4	D		1ϕ.42g							
4	E		1ϕ.50g							
4	F		1ϕ.78g							
8	G		1ϕ.16g							
↓	Gmb		1ϕ.24g							
↓	Gmbd		1ϕ.ϕ6g							
4	H		1ϕ.46g							
5	I		1ϕ.38g							
6	J		1ϕ.26g							
5	K		1ϕ.ϕ2g							
4	L		1ϕ.22g							
4	M		1ϕ.49g							
4	N		1ϕ.44g							
Analyst/Date: PD 6.8.09				RR/ 6/09/09	WP 6/10/09	WP 6/10/09	WP 6/10/09	WP 6/10/09	WP 6/10/09	

Standard	Standard ID	Volume	Expiration Date	Analyst	Witness
Surrogate	O_1	**100**µL	1/ϕ7/1ϕ	PD	WW
Spike	**11**	**100**µL	3/26/1ϕ	PD	WW
Extraction Time: 14:45					

SPECIAL INSTRUCTIONS: 1. Weigh into 100mL beakers. 2. Extract 3X with DCM.

3. Collect into 150mL beaker with 5-10g sodium sulfate in the bottom + small funnel with pre-rinsed neutral glasswool.
KD-Small drying columns (80-85°c)
~~4. Transfer to (2) Turbo Tubes each extract.~~ 5. TurboVap. 6. Acid/Silica Clean-ups (Y) N.

7. TurboVap (if Silica Clean). 8. Vial. A. Need Total Solids Y (N) ~~B. Archive~~/Freeze (Y) N

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Laboratory
Analyst Notes

ARI Job No.: PB06 Client ID: Anchor Environmental, LLC

Parameter: TPHD A/S Client Project: Bay Wood Products

SOP Number(s): 3045 No Anomalies:

List problems, concerns, corrective actions and any other pertinent information
Samples (A-N) contained water @ top. The water was discarded. All of the samples were wet. 06/03/09 WC
Samples were extracted by Sonication, due to low total solids. ~~SF~~ 6/8/09

Analyst Initials:		Date:	

Extractions Total Solids-extts
Data By: Woo suk Chang
Created: 6/ 3/09

Worklist: 9497
Analyst: WC
Comments:

	ARI ID / CLIENT ID	Tare Wt (g)	Wet Wt (g)	Dry Wt (g)	% Solids	pH
1.	PB06A 09-12542 BW-01-SS-090602	1.16g	13.04g		6.53	NR
2.	PB06B 09-12543 BW-02-SS-090602	1.15g	12.34g		9.20	NR
3.	PB06C 09-12544 BW-03-SS-090602	1.16g	13.06g		6.82	NR
4.	PB06D 09-12545 BW-04-SS-090602	1.15g	11.44g		6.00	NR
5.	PB06E 09-12546 BW-05-SS-090602	1.17g	13.38g		7.63	NR
6.	PB06F 09-12547 BW-06-SS-090602	1.15g	12.59g		7.62	NR
7.	PB06G 09-12548 BW-07-SS-090602	1.15g	12.57g		9.18	NR
8.	PB06H 09-12549 BW-08-SS-090602	1.17g	12.79g		8.37	NR
9.	PB06I 09-12550 BW-09-SS-090602	1.17g	12.22g		~~8.84~~ 7.13 RR	NR
10.	PB06J 09-12551 BW-10-SS-090602	1.14g	12.07g		8.84	NR
11.	PB06K 09-12552 BW-11-SS-090602	1.14g	11.50g		5.81	NR
12.	PB06L 09-12553 BW-12-SS-090602	1.14g	11.41g		6.17	NR
13.	PB06M 09-12554 BW-53-SS-090602	1.15g	12.57g		6.72	NR
14.	PB06N 09-12555 BW-54-SS-090602	1.16g	11.36g		6.10	NR

Analytical Resources Inc.: Organics Instrument Log

FID-4A Serial No.: US00003247

Date: 6/11/09 (6110b) Analysis: TPHD Analyst: MD

GC Program: TPH Column No: 845478 Column Type: RTX-1

Instrument Tune (.U or .CT.): — EM Voltage: —

Calibration File: — Curve Date: 6/11/09 & 6/10/09

IS/SS

Ical/Ccal

1590-1
16073
1592-1
1582-1

LCS/ICV

	Time	Filename	LabID	ClientId	DF
1	2012	0610a119.d	RT		1
2	2026	0610a120.d	IB		1
3	2040	0610a121.d	DIESEL 50		1
4	2054	0610a122.d	DIESEL 100		1
5	2108	0610a123.d	DIESEL 250		1
6	2122	0610a124.d	DIESEL 500		1
7	2137	0610a125.d	DIESEL 1000		1
8	2151	0610a126.d	DIESEL 2500		1
9	2205	0610a127.d	DIESEL ICV		1
10	2219	0610a128.d	RINSE		1
11	2233	0610a129.d	RINSE		1
12	2247	0610a130.d	JET-A 50		1
13	2301	0610a131.d	JET-A 100		1
14	2315	0610a132.d	JET-A 250		1
15	2329	0610a133.d	JET-A 500		1
16	2343	0610a134.d	JET-A 1000		1
17	2357	0610a135.d	JET-A 2500		1
18	0012	0610a136.d	RINSE		1
19	0026	0610a137.d	RINSE		1
20	0040	0610a138.d	DIESEL#1		1
21	0054	0610a139.d	JET-A#1		1
22	0108	0610a140.d	RINSE		1

	Time	Filename	LabID	ClientId	DF
23	0122	0610a141.d	MOIL#1		1
24	0136	0610a142.d	PB76MBS1		1
25	0150	0610a143.d	PB76LCSS1		1
26	0204	0610a144.d	PB76A		1
27	0218	0610a145.d	PB76B		2
28	0232	0610a146.d	RINSE		1
29	0246	0610a147.d	PB76C		2
30	0300	0610a148.d	RINSE		1
31	0314	0610a149.d	DIESEL#2		1
32	0328	0610a150.d	JET-A#2		1
33	0342	0610a151.d	RINSE		1
34	0357	0610a152.d	MOIL#2		1
35	0411	0610a153.d	PC05MBW1		1
36	0425	0610a154.d	PC05LCSW1		1
37	0439	0610a155.d	PC05LCSDW1		1
38	0453	0610a156.d	PC05A		1
39	0507	0610a157.d	PC05B		1
40	0521	0610a158.d	PC05C		1
41	0535	0610a159.d	DIESEL#3		1
42	0549	0610a160.d	JET-A#3		1
43	0603	0610a161.d	MOIL#3		1
44	0617	0610a162.d	PB06MBS1		1
45	0633	0610a163.d	PB06LCSS1		1

	Time	Filename	LabID	ClientId
46	0647	0610a164.d	PB06A	
47	0701	0610a165.d	PB06B	
48	0715	0610a166.d	PB06C	
49	0729	0610a167.d	PB06D	
50	0743	0610a168.d	PB06E	
51	0757	0610a169.d	PB06F	
52	0811	0610a170.d	RINSE	
53	0825	0610a171.d	DIESEL#4	
54	0839	0610a172.d	JET-A#4	
55	0853	0610a173.d	MOIL#4	
56	0907	0610a174.d	PB06G	
57	0922	0610a175.d	PB06GMS	
58	0936	0610a176.d	PB06GMSD	
59	0950	0610a177.d	PB06H	
60	1004	0610a178.d	PB06I	
61	1018	0610a179.d	PB06J	
62	1032	0610a180.d	PB06K	
63	1046	0610a181.d	PB06L	
64	1100	0610a182.d	PB06M	
65	1114	0610a183.d	PB06N	
66	1128	0610a184.d	DIESEL#4	
67	1143	0610a185.d	PC12LCSS1	
68	1157	0610a186.d	PC12LCSDS1	

Maintenance / Comments Curved diesel and Jet-A. MD 6/17/09

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control):

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC Analyst Notes / Corrective Action Log

ARI Project ID: Diesel AK102 o-terph curves Client ID: _____

ARI SOP: **403S**(PCB) **405S**(Herbicides) **407S**(TPH-D) **409S**(HCID) **423S**(Pesticides) **Other**

Parameter(s): Diesel AK102 o-terph

Instrument: FID-3A FID-3B (FID-4A) FID-4B FID-7 FID-8
ECD-1 ECD-3 ECD-4 ECD-5 ECD-6 ECD-7

Dates: Curve: Diesel 06/11/09 Analysis Start: 06/11/09

Endrin/DDT Breakdown <15%? YES / NO / (NA) Method Blank In Control? YES / NO (NA)

ICal Meets RF & %RSD Criteria? (YES) / NO LCS/LCSD Recovery In Control? YES / NO

CCal Meets RF & %RSD Criteria (YES) / NO Surrogate Recovery In Control? (YES) / NO

Internal Standard Meets Criteria? YES / NO / (NA) Special Analysis Criteria Met? YES / NO / (NA)

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

Additional Details on Reverse: Yes / (No)

Analyst Signature: _____ **Date:** 06/12/09

Reviewer's Signature: _____ **Date:** 6/12/09

Analytical Resources Inc.: Organics Instrument Log

FID-4A Serial No.: US00003247

Date: 6/10/09 Analysis: TPHD Analyst: MO

GC Program: TPH Column No: 845478 Column Type: RTX-1

Instrument Tune (.U or .CT.): EM Voltage:

Calibration File: Curve Date: 6/10/09

IS/SS

Ical/Ccal

1590-1
1602-3
1592-1
1582-1

LCS/ICV

Time	Filename	LabID	ClientId	DF
1152	0610a001.d	RINSE		1
1206	0610a002.d	RINSE		1
1220	0610a003.d	RT		1
1234	0610a004.d	IB		1
1248	0610a005.d	DIESEL#1		1
1302	0610a006.d	MOIL#1		1
1753	0610a007.d	RINSE		1
1807	0610a008.d	RINSE		1
1821	0610a009.d	RINSE		1
1835	0610a010.d	RINSE		1
1849	0610a011.d	RINSE		1
1903	0610a012.d	RINSE		1
1917	0610a013.d	RINSE		1
1931	0610a014.d	RINSE		1
1945	0610a015.d	RT	RT	1
1959	0610a016.d	IB	IB	1
2014	0610a017.d	DIESEL 50		1
2028	0610a018.d	DIESEL 100		1
2042	0610a019.d	DIESEL 250		1
2056	0610a020.d	DIESEL 500		1
2110	0610a021.d	DIESEL 1000		1
2124	0610a022.d	DIESEL 2500		1

MO

Time	Filename	LabID	ClientId	DI
2139	0610a023.d	RINSE		
2153	0610a024.d	DIESEL ICV		
2207	0610a025.d	RINSE		
2221	0610a026.d	RINSE		
2235	0610a027.d	MOIL 100		
2249	0610a028.d	MOIL 250		
2303	0610a029.d	MOIL 500		
2317	0610a030.d	MOIL 1000		
2332	0610a031.d	RINSE		
2346	0610a032.d	MOIL 2500		
0000	0610a033.d	RINSE		1
0014	0610a034.d	MOIL 5000		1
0028	0610a035.d	RINSE		1
0042	0610a036.d	MOIL ICV		1
0056	0610a037.d	RINSE		1
0110	0610a038.d	RINSE		1
0124	0610a039.d	AK103 100		1
0138	0610a040.d	AK103 250		1
0152	0610a041.d	AK103 500		1
0207	0610a042.d	AK103 1000		1
0221	0610a043.d	RINSE		1
0235	0610a044.d	AK103 2500		1
0249	0610a045.d	RINSE		1

MO

Time	Filename	LabID	ClientId	DF
0303	0610a046.d	AK103 5000		1
0317	0610a047.d	RINSE		1
0331	0610a048.d	AK103 ICV		1
0345	0610a049.d	RINSE		1
0359	0610a050.d	RINSE		1
0413	0610a051.d	RINSE		1
0427	0610a052.d	DIESEL#1	DIESEL#1	1
0441	0610a053.d	MOIL#1	MOIL#1	1
0455	0610a054.d	PB92MBS1	PB92MBS1	1
0509	0610a055.d	PB92LCSS1	PB92LCSS1	1
0523	0610a056.d	PB92C	BSB-7-2.5	1
0537	0610a057.d	PB92CMS	BSB-7-2.5 MS	1
0551	0610a058.d	PB92CMSD	BSB-7-2.5 MSD	
0605	0610a059.d	PB92D	BSB-6-2.5	1
0619	0610a060.d	RINSE		1
0634	0610a061.d	DIESEL#2	DIESEL#2	1
0648	0610a062.d	MOIL#2	MOIL#2	1
0702	0610a063.d	PB06MBS1		1
0716	0610a064.d	PB06LCSS1		1
0730	0610a065.d	PB06A		1
0744	0610a066.d	PB06B		1
0758	0610a067.d	PB06C		1
0812	0610a068.d	PB06D		1

MO

Maintenance / Comments Carried diesel, moil and ak103.

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control):

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC Analyst Notes / Corrective Action Log

ARI Project ID: 30 wt moil, n-triac. Client ID: _____

ARI SOP: **403S**(PCB) **405S**(Herbicides) **407S**(TPH-D) **409S**(HCID) **423S**(Pesticides) **Other**

Parameter(s): 30 wt moil, n-triacontane

Instrument: FID-3A FID-3B (FID-4A) FID-4B FID-7 FID-8
ECD-1 ECD-3 ECD-4 ECD-5 ECD-6 ECD-7

Dates: Curve: 06/10/09 Analysis Start: 06/10/09

Endrin/DDT Breakdown <15%? YES / NO / (NA) Method Blank In Control? YES / NO (NA)

ICal Meets RF & %RSD Criteria? (YES) / NO LCS/LCSD Recovery In Control? YES / NO

CCal Meets RF & %RSD Criteria (YES) / NO Surrogate Recovery In Control? (YES) / NO

Internal Standard Meets Criteria? YES / NO / (NA) Special Analysis Criteria Met? YES / NO / (NA)

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

Additional Details on Reverse: Yes / (No)

Analyst Signature: _____ **Date:** 06/11/09

Reviewer's Signature: _____ **Date:** 6/11/09

Analytical Resources Inc.: Organics Instrument Log

FID-4A Serial No.: US00003247

Date: 6/12/09 Analysis: TPHD Analyst: MD

GC Program: TPH Column No: 845478 Column Type: RTX-1

Instrument Tune (.U or .CT.): — EM Voltage: —

Calibration File: Curve Date: 6/11/09 & 6/10/09

IS/SS

Ical/Ccal

IJ90-1
16073
IJ92-1
IJP2-1

LCS/ICV

	Time	Filename	LabID	ClientId	DF
1	1713	0612a001.d	PC15A		20
2	1727	0612a002.d	RINSE		1
3	1741	0612a003.d	RINSE		1
4	1755	0612a004.d	RINSE		1
5	1809	0612a005.d	RT		1
6	1823	0612a006.d	IB		1
7	1837	0612a007.d	DIESEL#1		1
8	1851	0612a008.d	MOIL#1		1
9	1905	0612a009.d	RINSE		1
10	1919	0612a010.d	RINSE		1
11	1933	0612a011.d	RINSE		1
12	1948	0612a012.d	RINSE		1
13	2002	0612a013.d	RINSE		1
14	2016	0612a014.d	RINSE		1
15	2030	0612a015.d	RINSE		1
16	2044	0612a016.d	RINSE		1
17	2058	0612a017.d	RINSE		1
18	2112	0612a018.d	DIESEL#2		1
19	2126	0612a019.d	MOIL#2		1
20	2140	0612a020.d	PC06MBS1		1
21	2154	0612a021.d	PC06LCSS1		1
22	2208	0612a022.d	PC06A		1
23	2222	0612a023.d	PC06B		1
24	2236	0612a024.d	PC06C		1
25	2250	0612a025.d	PC06D		1
26	2305	0612a026.d	PC06E		1
27	2319	0612a027.d	PC06F		1
28	2333	0612a028.d	DIESEL#3		1
29	2347	0612a029.d	MOIL#3		1
30	0001	0612a030.d	PC06G		1
31	0015	0612a031.d	PC06GMS		1
32	0029	0612a032.d	PC06GMSD		1
33	0043	0612a033.d	PC06H		1
34	0057	0612a034.d	PC06I		1
35	0111	0612a035.d	PC06J		1
36	0125	0612a036.d	PC06K		1
37	0139	0612a037.d	PC06L		1
38	0153	0612a038.d	PC06M		1
39	0207	0612a039.d	PC06N		1
40	0221	0612a040.d	DIESEL#4		1
41	0235	0612a041.d	MOIL#4		1
42	0249	0612a042.d	PC15MBS1		1
43	0303	0612a043.d	PC15LCSS1		1
44	0317	0612a044.d	PC15LCSDS1		1
45	0331	0612a045.d	PC15A		10
46	0345	0612a046.d	PC15B		
47	0359	0612a047.d	PC15C		
48	0413	0612a048.d	PC15D		
49	0427	0612a049.d	PC15E		
50	0441	0612a050.d	PC15F		
51	0455	0612a051.d	RINSE		
52	0510	0612a052.d	DIESEL#5		
53	0524	0612a053.d	MOIL#5		
54	0538	0612a054.d	PC15G		
55	0552	0612a055.d	PC15H		
56	0606	0612a056.d	PC15I		
57	0620	0612a057.d	PC15J		
58	0634	0612a058.d	PC15K		
59	0648	0612a059.d	PC15L		
60	0702	0612a060.d	RINSE		
61	0716	0612a061.d	DIESEL#6		
62	0730	0612a062.d	MOIL#6		

MS 6/17/09

Maintenance / Comments

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control):

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC Analyst Notes / Corrective Action Log

ARI Project ID: PB06 Client ID: Bay Wood Products

ARI SOP: **403S**(PCB) **405S**(Herbicides) **407S**(TPH-D) **409S**(HCID) **423S**(Pesticides) **Other**

Parameter(s): Diesel, MOil, oTPH

Instrument: FID-3A FID-3B FID-4A FID-4B FID-7 FID-8
ECD-1 ECD-3 ECD-4 ECD-5 ECD-6 ECD-7

Dates: Curve: 6/10/09 & 6/11/09 Analysis Start: 6/12/09

Endrin/DDT Breakdown <15%? YES / NO / NA Method Blank In Control? YES / NO

ICal Meets RF & %RSD Criteria? YES / NO LCS/LCSD Recovery In Control? YES / NO

CCal Meets RF & %RSD Criteria YES / NO Surrogate Recovery In Control? YES / NO

Internal Standard Meets Criteria? YES / NO / NA Special Analysis Criteria Met? YES / NO / NA

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

Additional Details on Reverse: Yes / No

Analyst Signature: M.2 **Date:** 6/17/09

Reviewer's Signature: [signature] **Date:** 6/17/09

Metals Analysis
QC Summary Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

Cover Page

INORGANIC ANALYSIS DATA PACKAGE

ANALYTICAL RESOURCES INCORPORATED

CLIENT: Anchor Environmental

PROJECT: Bay Wood Products

SDG: PB06

CLIENT ID	ARI ID	ARI LIMS ID	REPREP
BW-01-SS-090602	PB06A	09-12542	
BW-03-SS-090602	PB06C	09-12544	
BW-07-SS-090602	PB06G	09-12548	
BW-07-SS-090602D	PB06GDUP	09-12548	
BW-07-SS-090602S	PB06GSPK	09-12548	
BW-09-SS-090602	PB06I	09-12550	
PBS	PB06MB1	09-12550	
LCSS	PB06MB1SPK	09-12550	
BW-11-SS-090602	PB06K	09-12552	
BW-53-SS-090602	PB06M	09-12554	

Were ICP interelement corrections applied ?	Yes/No	YES
Were ICP background corrections applied ?	Yes/No	YES
If yes - were raw data generated before application of background corrections ?	Yes/No	NO

Comments: _____

THIS DATA PACKAGE HAS BEEN REVIEWED AND AUTHORIZED FOR RELEASE BY:

Signature: _____ Name: Jay Kuhn

Date: 6/10/09 Title: Inorganics Director

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: BW-07-SS-090602
MATRIX SPIKE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

MATRIX SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Spike	Spike Added	% Recovery	Q
Antimony	6010B	7 U	66	297	22.2%	N
Arsenic	6010B	13	309	297	99.7%	
Cadmium	6010B	0.3 U	75.0	74.3	101%	
Chromium	6010B	28.9	105	74.3	102%	
Copper	6010B	29.1	104	74.3	101%	
Lead	6010B	7	293	297	96.3%	
Mercury	7471A	0.03	0.35	0.298	107%	
Nickel	6010B	25	99	74.3	99.6%	
Silver	6010B	0.4 U	72.9	74.3	98.1%	
Zinc	6010B	60	146	74.3	116%	

Reported in mg/kg-dry

N-Control Limit Not Met
H-% Recovery Not Applicable, Sample Concentration Too High
NA-Not Applicable, Analyte Not Spiked

Percent Recovery Limits: 75-125%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: BW-07-SS-090602
DUPLICATE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Antimony	6010B	7 U	7 U	0.0%	+/- 7	L
Arsenic	6010B	13	14	7.4%	+/- 7	L
Cadmium	6010B	0.3 U	0.3 U	0.0%	+/- 0.3	L
Chromium	6010B	28.9	37.4	25.6%	+/- 20%	*
Copper	6010B	29.1	36.4	22.3%	+/- 20%	*
Lead	6010B	7	9	25.0%	+/- 3	L
Mercury	7471A	0.03	0.04	28.6%	+/- 0.03	L
Nickel	6010B	25	29	14.8%	+/- 20%	
Silver	6010B	0.4 U	0.4 U	0.0%	+/- 0.4	L
Zinc	6010B	60	102	51.9%	+/- 20%	*

Reported in mg/kg-dry

*-Control Limit Not Met
L-RPD Invalid, Limit = Detection Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: LAB CONTROL

Lab Sample ID: PB06LCS
LIMS ID: 09-12550
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: NA
Date Received: NA

BLANK SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Spike Found	Spike Added	% Recovery	Q
Antimony	6010B	199	200	99.5%	
Arsenic	6010B	205	200	102%	
Cadmium	6010B	49.6	50.0	99.2%	
Chromium	6010B	50.0	50.0	100%	
Copper	6010B	48.9	50.0	97.8%	
Lead	6010B	195	200	97.5%	
Mercury	7471A	0.48	0.50	96.0%	
Nickel	6010B	47	50	94.0%	
Silver	6010B	53.2	50.0	106%	
Zinc	6010B	48	50	96.0%	

Reported in mg/kg-dry

N-Control limit not met
NA-Not Applicable, Analyte Not Spiked
Control Limits: 80-120%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: METHOD BLANK

Lab Sample ID: PB06MB
LIMS ID: 09-12550
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: NA
Date Received: NA

Percent Total Solids: NA

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/03/09	6010B	06/09/09	7440-36-0	Antimony	5	5	U
3050B	06/03/09	6010B	06/09/09	7440-38-2	Arsenic	5	5	U
3050B	06/03/09	6010B	06/09/09	7440-43-9	Cadmium	0.2	0.2	U
3050B	06/03/09	6010B	06/09/09	7440-47-3	Chromium	0.5	0.5	U
3050B	06/03/09	6010B	06/09/09	7440-50-8	Copper	0.2	0.2	U
3050B	06/03/09	6010B	06/09/09	7439-92-1	Lead	2	2	U
CLP	06/03/09	7471A	06/08/09	7439-97-6	Mercury	0.02	0.02	U
3050B	06/03/09	6010B	06/09/09	7440-02-0	Nickel	1	1	U
3050B	06/03/09	6010B	06/09/09	7440-22-4	Silver	0.3	0.3	U
3050B	06/03/09	6010B	06/09/09	7440-66-6	Zinc	1	1	U

U-Analyte undetected at given RL
RL-Reporting Limit

Calibration Verification

ANALYTICAL RESOURCES INCORPORATED

CLIENT: Anchor Environmental

PROJECT: Bay Wood Products

UNITS: ug/L

SDG: PB06

ANALYTE	EL	M	RUN	ICVTV	ICV	%R	CCVTV	CCV1	%R	CCV2	%R	CCV3	%R	CCV4	%R	CCV5	%R
Antimony	SB	ICP	IP060971	2000.0	2013.17	100.7	2000.0	1990.20	99.5	2005.23	100.3	1980.76	99.0	2013.43	100.7		
Arsenic	AS	ICP	IP060971	2000.0	2004.26	100.2	2000.0	1999.65	100.0	2021.04	101.1	2013.07	100.7	2022.41	101.1		
Cadmium	CD	ICP	IP060971	1000.0	1032.94	103.3	1000.0	1013.63	101.4	1023.72	102.4	1009.59	101.0	1029.88	103.0		
Chromium	CR	ICP	IP060971	1000.0	1006.48	100.6	1000.0	1005.12	100.5	999.19	99.9	998.70	99.9	1001.78	100.2		
Copper	CU	ICP	IP060971	1000.0	998.34	99.8	1000.0	991.21	99.1	1013.87	101.4	1000.31	100.0	1000.14	100.0		
Lead	PB	ICP	IP060971	2000.0	2009.57	100.5	2000.0	1982.21	99.1	1995.18	99.8	1982.01	99.1	2008.82	100.4		
Mercury	HG	CVA	HG060801	8.0	7.86	98.3	4.0	4.00	100.0	4.02	100.5	4.01	100.3				
Nickel	NI	ICP	IP060971	1000.0	977.82	97.8	1000.0	967.53	96.8	959.42	95.9	955.10	95.5	962.94	96.3		
Silver	AG	ICP	IP060971	1000.0	981.85	98.2	1000.0	976.64	97.7	994.61	99.5	984.43	98.4	986.12	98.6		
Zinc	ZN	ICP	IP060971	1000.0	994.95	99.5	1000.0	987.29	98.7	981.63	98.2	987.15	98.7	986.45	98.6		

Control Limits: Mercury 80-120; Other Metals 90-110

CRDL Standard

ANALYTICAL RESOURCES INCORPORATED

CLIENT: Anchor Environmental

PROJECT: Bay Wood Products

UNITS: ug/L

SDG: PB06

ANALYTE	EL	M	RUN	CRA/I TV	CR-1	%R	CR-2	%R	CR-3	%R	CR-4	%R	CR-5	%R	CR-6	%R
Antimony	SB	ICP	IP060971	50.0	48.98	**98.0**										
Arsenic	AS	ICP	IP060971	50.0	44.32	**88.6**										
Cadmium	CD	ICP	IP060971	2.0	2.36	**118.0**										
Chromium	CR	ICP	IP060971	5.0	5.97	**119.4**										
Copper	CU	ICP	IP060971	2.0	2.13	**106.5**										
Lead	PB	ICP	IP060971	20.0	20.99	**105.0**										
Mercury	HG	CVA	HG060801	0.1	0.10	**100.0**										
Nickel	NI	ICP	IP060971	10.0	10.71	**107.1**										
Silver	AG	ICP	IP060971	3.0	2.98	**99.3**										
Zinc	ZN	ICP	IP060971	10.0	14.38	**143.8**										

Control Limits: no control limits have been established by the EPA at this time.

Calibration Blanks

ANALYTICAL RESOURCES INCORPORATED

CLIENT: Anchor Environmental

PROJECT: Bay Wood Products

SDG: PB06

UNITS: ug/L

ANALYTE	EL	METH	RUN	CRDL	IDL	ICB	C	CCB1	C	CCB2	C	CCB3	C	CCB4	C	CCB5	C
Antimony	SB	ICP	IP060971	60.0	50.0	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U		
Arsenic	AS	ICP	IP060971	10.0	50.0	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U		
Cadmium	CD	ICP	IP060971	5.0	2.0	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U		
Chromium	CR	ICP	IP060971	10.0	5.0	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U		
Copper	CU	ICP	IP060971	25.0	2.0	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U		
Lead	PB	ICP	IP060971	3.0	20.0	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U		
Mercury	HG	CVA	HG060801	0.2	0.1	0.1	U	0.1	U	0.1	U	0.1	U				
Nickel	NI	ICP	IP060971	40.0	10.0	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U		
Silver	AG	ICP	IP060971	10.0	3.0	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U		
Zinc	ZN	ICP	IP060971	20.0	10.0	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U		

PB06.61136

ICP Interference Check Sample

ANALYTICAL RESOURCES INCORPORATED

CLIENT: Anchor Environmental

ICS SOURCE: I.V.

PROJECT: Bay Wood Products

RUNID: IP060971

SDG: PB06

INSTRUMENT ID: OPTIMA ICP 2

UNITS: ug/L

ANALYTE	ICSA TV	ICSAB TV	ICSA1	ICSAB1	%R	ICSA2	ICSAB2	%R	ICSA3	ICSAB3	%R
Aluminum	200000	200000	199855.8	200378.2	**100.2**						
Antimony		1000	28.6	1029.5	**103.0**						
Arsenic		1000	56.1	1068.7	**106.9**						
Barium		1000	0.1	989.8	**99.0**						
Beryllium		1000	0.1	990.2	**99.0**						
Boron			-6.0	-5.8							
Cadmium		1000	-1.6	1022.3	**102.2**						
Calcium	100000	100000	101529.4	100989.4	**101.0**						
Chromium		1000	1.3	1014.6	**101.5**						
Cobalt		1000	0.4	974.8	**97.5**						
Copper		1000	0.2	1032.0	**103.2**						
Iron	200000	200000	191762.8	192586.9	**96.3**						
Lead		1000	-12.6	946.6	**94.7**						
Magnesium	100000	100000	99008.4	98992.8	**99.0**						
Manganese		1000	-0.7	956.1	**95.6**						
Molybdenum			3.4	3.0							
Nickel		1000	0.4	944.0	**94.4**						
Potassium			-51.7	-32.7							
Selenium		1000	0.4	996.9	**99.7**						
Silicon			-16.4	-16.3							
Silver		1000	-1.7	1011.4	**101.1**						
Sodium			6.4	13.8							
Strontium			0.8	0.8							
Thallium		1000	21.4	969.3	**96.9**						
Tin			-5.4	-5.9							
Titanium			12.7	12.3							
Vanadium		1000	-0.5	978.7	**97.9**						
Zinc		1000	-2.9	945.1	**94.5**						

PB06 : 0514

Post Digest Spike Sample Recovery

ANALYTICAL RESOURCES INCORPORATED

CLIENT: Anchor Environmental

PROJECT: Bay Wood Products

ANALYSIS METHOD: ICP

SDG: PB06

UNITS: ug/L

ANALYTE	CLIENT ID	ARI ID	RUNID	SPIKED SAMPLE RESULT	C	SAMPLE RESULT	C	SPIKE ADDED	MATRIX	%R
Antimony	BW-07-SS-090602A	PB06GPOST	IP060971	4066.75		100.00	U	4000	Sediment	**101.7**

IDLs and ICP Linear Ranges

ANALYTICAL RESOURCES INCORPORATED

CLIENT: Anchor Environmental

PROJECT: Bay Wood Products

SDG: PB06 UNITS: ug/L

ANALYTE	EL	METH	INSTRUMENT	WAVELENTH (nm)	GFA BACK-GROUND	CLP CRDL	RL	RL DATE	ICP LINEAR RANGE (ug/L)	ICP LR DATE
Antimony	SB	ICP	OPTIMA ICP 2	206.84		60	50.0	4/22/2009	30000.0	6/5/2009
Arsenic	AS	ICP	OPTIMA ICP 2	197.20		10	50.0	4/22/2009	30000.0	6/5/2009
Cadmium	CD	ICP	OPTIMA ICP 2	228.80		5	2.0	4/22/2009	20000.0	6/5/2009
Chromium	CR	ICP	OPTIMA ICP 2	267.72		10	5.0	4/22/2009	100000.0	6/5/2009
Copper	CU	ICP	OPTIMA ICP 2	324.75		25	2.0	4/22/2009	40000.0	6/5/2009
Lead	PB	ICP	OPTIMA ICP 2	220.35		3	20.0	4/22/2009	300000.0	6/5/2009
Mercury	HG	CVA	CETAC MERCURY	253.70		0.2	0.1	4/1/2009		
Nickel	NI	ICP	OPTIMA ICP 2	231.60		40	10.0	4/22/2009	100000.0	6/5/2009
Silver	AG	ICP	OPTIMA ICP 2	328.07		10	3.0	4/22/2009	5000.0	6/5/2009
Zinc	ZN	ICP	OPTIMA ICP 2	213.86		20	10.0	4/22/2009	100000.0	6/5/2009

ICP Interelement Correction Factors

ANALYTICAL RESOURCES INCORPORATED

CLIENT: Anchor Environmental

PROJECT: Bay Wood Products

IEC DATE: 6/1/2009

SDG: PB06

INSTRUMENT ID: OPTIMA ICP 2

ANALYTE	WAVELENGTH	AL	AS	BA	BE	CA	CD	CO	CR	CU	FE
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	12.2555000	0.0000000	0.0000000
Arsenic	188.98	0.0000000	0.0000000	0.0000000	0.0000000	0.7511500	0.0000000	0.0000000	1.9261900	0.0000000	0.0000000
Barium	233.53	0.0000000	0.0000000	0.0000000	0.0000000	-0.0060768	0.0000000	-0.2681720	0.0000000	0.0000000	0.0572999
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	228.80	0.0000000	8.9479900	0.0000000	0.0000000	-0.0060381	0.0000000	0.0748695	0.0000000	0.0000000	0.0093290
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.5759660	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0053982	0.0000000	-0.0487207	0.0000000	0.0000000	-0.0555423
Cobalt	228.62	0.0000000	0.0000000	0.0672567	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-0.2685770	-0.0241546	0.0000000	-0.0716814
Iron	273.96	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-1.0133600	0.0000000	0.0000000
Lead	220.35	-0.1916600	0.0000000	0.0000000	0.0000000	-0.0262487	0.0000000	0.0000000	-2.3249200	1.6326000	0.0740304
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0984015	0.0000000	-1.4651500	-1.0373900	0.0000000	0.3479510
Manganese	257.61	0.0060930	0.0000000	0.0000000	0.0000000	0.0020330	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0108247	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.1792350	0.0000000	0.0000000	0.0000000	0.3817060	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-1.0048500	0.0000000	-0.1248020
Silicon	288.16	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0988868	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	11.8192000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0863752	0.0000000	7.0846000	0.5186210	0.0000000	-0.1509150
Tin	189.93	0.0000000	0.0000000	0.0000000	0.0000000	-0.0263684	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	334.90	0.0000000	0.0000000	0.0000000	0.0000000	0.2167660	0.0000000	0.0000000	0.1180350	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-4.3567700	0.0000000	0.0458695
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0140401	0.3827210	0.0000000	0.1358710	0.0000000	0.0000000

ICP Interelement Correction Factors

ANALYTICAL RESOURCES INCORPORATED

CLIENT: Anchor Environmental

PROJECT: Bay Wood Products

IEC DATE: 6/1/2009

SDG: PB06

INSTRUMENT ID: OPTIMA ICP 2

ANALYTE	WAVELENGTH	MG	MN	MO	NI	PB	SB	TI	TL	V	ZN
Aluminum	308.22	0.0000000	0.0000000	13.6540000	0.0000000	0.0000000	0.0000000	0.8734310	0.0000000	15.5728000	0.0000000
Antimony	206.84	0.0000000	0.0000000	0.0000000	-0.2336600	0.0000000	0.0000000	-0.2111370	0.0000000	-3.8296900	0.0000000
Arsenic	188.98	0.0208650	0.0000000	-0.3024190	0.0000000	0.0000000	0.0000000	0.7555900	0.0000000	0.0000000	0.0000000
Barium	233.53	0.0000000	0.0000000	0.0000000	0.0611586	0.0000000	0.0000000	0.0000000	0.0000000	0.7332740	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	3.3358400	0.0000000
Cadmium	228.80	0.0000000	0.0000000	0.0000000	-0.8762680	0.0000000	0.0000000	0.0000000	0.0000000	0.0720255	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0553354	0.1496880	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-0.1852410	0.2168120	0.0000000
Cobalt	228.62	0.0000000	0.0000000	-0.3838350	0.1729370	0.0000000	0.0000000	1.9752600	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0045431	0.0000000	0.3020870	0.0000000	0.0000000	0.0000000	0.2335750	0.0000000	0.0000000	0.0000000
Iron	273.96	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	13.3912000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	-2.5084000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0086048	0.0000000	0.0000000	0.0000000	-0.2285650	0.0000000	0.0105028	0.0000000	-0.0271638	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-0.0608730
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-0.9036400	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0483630	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silicon	288.16	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	1.9788200	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-0.1912750	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	213.1250000	0.0000000	0.0000000	388.0540000
Thallium	190.80	0.0000000	0.0000000	-2.8707400	0.0000000	0.0702184	0.0000000	0.3748190	0.0000000	4.5219600	0.0000000
Tin	189.93	0.0000000	0.0000000	0.0000000	0.0000000	-0.0338435	-1.0198200	-0.4754160	0.0000000	0.0000000	0.0000000
Titanium	334.90	0.0000000	0.0000000	2.4190100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	-0.1493740	-0.4730220	0.0000000	0.0000000	0.0000000	0.6244000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.2630070	0.0000000	-0.0715634	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Preparation Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: Anchor Environmental

PROJECT: Bay Wood Products

SDG: PB06

ANALYSIS METHOD: ICP

ARI PREP CODE: SWC

PREPDATE: 6/3/2009

CLIENT ID	ARI ID	MASS (g)	INITIAL VOLUME (mL)	FINAL VOLUME (mL)
BW-01-SS-090602	PB06A	1.031	0.0	50.0
BW-03-SS-090602	PB06C	1.052	0.0	50.0
BW-07-SS-090602	PB06G	1.032	0.0	50.0
BW-07-SS-090602D	PB06GDUP	1.033	0.0	50.0
BW-07-SS-090602S	PB06GSPK	1.032	0.0	50.0
BW-09-SS-090602	PB06I	1.062	0.0	50.0
BW-11-SS-090602	PB06K	1.017	0.0	50.0
BW-53-SS-090602	PB06M	1.072	0.0	50.0
PBS	PB06MB1	1.000	0.0	50.0
LCSS	PB06MB1SPK	1.000	0.0	50.0

Preparation Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: Anchor Environmental

PROJECT: Bay Wood Products

SDG: PB06

ANALYSIS METHOD: CVA

ARI PREP CODE: SMM

PREPDATE: 6/3/2009

CLIENT ID	ARI ID	MASS (g)	INITIAL VOLUME (mL)	FINAL VOLUME (mL)
BW-01-SS-090602	PB06A	0.247	0.0	50.0
BW-03-SS-090602	PB06C	0.257	0.0	50.0
BW-07-SS-090602	PB06G	0.255	0.0	50.0
BW-07-SS-090602D	PB06GDUP	0.257	0.0	50.0
BW-07-SS-090602S	PB06GSPK	0.257	0.0	50.0
BW-09-SS-090602	PB06I	0.251	0.0	50.0
BW-11-SS-090602	PB06K	0.266	0.0	50.0
BW-53-SS-090602	PB06M	0.258	0.0	50.0
PBS	PB06MB1	0.200	0.0	50.0
LCSW	PB06MB1SPK	0.200	0.0	50.0

Analysis Run Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: Anchor Environmental

PROJECT: Bay Wood Products — INSTRUMENT ID: OPTIMA ICP 2 — START DATE: 6/9/2009

SDG: PB06 — RUNID: IP060971 — METHOD: ICP — END DATE: 6/9/2009

CLIENT ID	ARI ID	DIL.	TIME	%R	AG	AL	AS	B	BA	BE	CA	CD	CO	CR	CU	FE	HG	K	MG	MN	MO	NA	NI	PB	SB	SE	SI	SN	TI	TL	U	V	ZN
S0	S0	1.00	11004		X		X					X		X	X								X	X	X								X
S2	S2	1.00	11043									X		X	X																		
S3	S3	1.00	11054		X		X																X	X									X
S4	S4	1.00	11074																						X								
S5	S5	1.00	11093																														
ICV	ICV	1.00	11200		X		X					X		X	X								X	X	X								X
ICB	ICB	1.00	11224		X		X					X		X	X								X	X	X								X
CRI	CRII	1.00	11262		X		X					X		X	X								X	X	X								X
ICSA	ICSAI	1.00	11300		X		X					X		X	X								X	X	X								X
ICSAB	ICSABI	1.00	11333		X		X					X		X	X								X	X	X								X
CCV	CCV1	1.00	11365		X		X					X		X	X								X	X	X								X
CCB	CCB1	1.00	11392		X		X					X		X	X								X	X	X								X
ZZZZZZ	PB45MB	1.00	11430																														
ZZZZZZ	PB45A	1.00	11465																														
BW-01-SS-090602	PB06A	2.00	11503		X		X					X		X	X								X	X	X								X
BW-03-SS-090602	PB06C	2.00	11540		X		X					X		X	X								X	X	X								X
BW-09-SS-090602	PB06I	2.00	11573		X		X					X		X	X								X	X	X								X
BW-07-SS-090602D	PB06GDUP	2.00	12010		X		X					X		X	X								X	X	X								X
BW-07-SS-090602	PB06G	2.00	12043		X		X					X		X	X								X	X	X								X
BW-07-SS-090602S	PB06GSPK	2.00	12080		X		X					X		X	X								X	X	X								X
BW-07-SS-090602A	PB06GPOST	2.00	12112																						X								
ZZZZZZ	PB45MBSPK	1.00	12144																														
CCV	CCV2	1.00	12181		X		X					X		X	X								X	X	X								X
CCB	CCB2	1.00	12204		X		X					X		X	X								X	X	X								X
PBS	PB06MB1	2.00	12243		X		X					X		X	X								X	X	X								X
ZZZZZZ	PB54MB	1.00	12281																														
ZZZZZZ	TUBETEST	1.00	12314																														
ZZZZZZ	TUBETEST	1.00	12352																														
ZZZZZZ	TUBETEST	1.00	12391																														
ZZZZZZ	PB54C	1.00	12425																														
BW-11-SS-090602	PB06K	2.00	12464		X		X					X		X	X								X	X	X								X
BW-53-SS-090602	PB06M	2.00	12501		X		X					X		X	X								X	X	X								X
LCSS	PB06MB1SPK	2.00	12534		X		X					X		X	X								X	X	X								X
ZZZZZZ	PB54MBSPK	1.00	12571																														
CCV	CCV3	1.00	13004		X		X					X		X	X								X	X	X								X

FORM XIV

Analysis Run Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: Anchor Environmental

PROJECT: Bay Wood Products | INSTRUMENT ID: OPTIMA ICP 2 | START DATE: 6/9/2009

SDG: PB06 | RUNID: IP060971 | METHOD: ICP | END DATE: 6/9/2009

CLIENT ID	ARI ID	DIL.	TIME	%R	AG	AL	AS	B	BA	BE	CA	CD	CO	CR	CU	FE	HG	K	MG	MN	MO	NA	NI	PB	SB	SE	SI	SN	TI	TL	U	V	ZN
CCB	CCB3	1.00	13031		X		X					X		X	X								X	X	X								X
BW-07-SS-090602D	PB06GDUP	2.00	13065																														
ZZZZZZ	ZZZZZZ	2.00	13102																														
ZZZZZZ	ZZZZZZ	2.00	13150																														
ZZZZZZ	ZZZZZZ	2.00	13202																														
ZZZZZZ	ZZZZZZ	2.00	13253																														
BW-07-SS-090602	PB06G	2.00	13291																														
CCV	CCV4	1.00	13324		X		X					X		X	X								X	X	X								X
CCB	CCB4	1.00	13352		X		X					X		X	X								X	X	X								X

Analysis Run Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: Anchor Environmental

PROJECT: Bay Wood Products | INSTRUMENT ID: CETAC MERCURY | START DATE: 6/8/2009

SDG: PB06 | RUNID: HG060801 | METHOD: CVA | END DATE: 6/8/2009

CLIENT ID	ARI ID	DIL.	TIME	%R	AG	AL	AS	B	BA	BE	CA	CD	CO	CR	CU	FE	HG	K	MG	MN	MO	NA	NI	PB	SB	SE	SI	SN	TI	TL	U	V	ZN
S0	S0	1.00	22065														X																
S0.1	S0.1	1.00	22083														X																
S0.5	S0.5	1.00	22101														X																
S1	S1	1.00	22114														X																
S2	S2	1.00	22132														X																
S5	S5	1.00	22150														X																
S10	S10	1.00	22164														X																
ICV	AICV	1.00	22195														X																
ICB	ICB	1.00	22213														X																
CCV	ACCV1	1.00	22231														X																
CCB	CCB1	1.00	22245														X																
CRA	CRA	1.00	22262														X																
PBW	PB06MB1	1.00	22280														X																
LCSW	PB06MB1SPK	1.00	22293														X																
BW-01-SS-090602	PB06A	1.00	22311														X																
BW-03-SS-090602	PB06C	1.00	22325														X																
BW-07-SS-090602	PB06G	1.00	22342														X																
BW-07-SS-090602D	PB06GDUP	1.00	22360														X																
BW-07-SS-090602S	PB06GSPK	1.00	22374														X																
BW-09-SS-090602	PB06I	1.00	22391														X																
BW-11-SS-090602	PB06K	1.00	22405														X																
CCV	ACCV2	1.00	22423														X																
CCB	CCB2	1.00	22441														X																
BW-53-SS-090602	PB06M	1.00	22455														X																
CCV	ACCV3	1.00	22473														X																
CCB	CCB3	1.00	22491														X																

Metals Analysis
Sample Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: BW-01-SS-090602
SAMPLE

Lab Sample ID: PB06A
LIMS ID: 09-12542
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Percent Total Solids: 44.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/03/09	6010B	06/09/09	7440-36-0	Antimony	10	10	U
3050B	06/03/09	6010B	06/09/09	**7440-38-2**	**Arsenic**	10	**30**	
3050B	06/03/09	6010B	06/09/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/03/09	6010B	06/09/09	**7440-47-3**	**Chromium**	1	**67**	
3050B	06/03/09	6010B	06/09/09	**7440-50-8**	**Copper**	0.4	**71.1**	
3050B	06/03/09	6010B	06/09/09	**7439-92-1**	**Lead**	4	**13**	
CLP	06/03/09	7471A	06/08/09	**7439-97-6**	**Mercury**	0.05	**0.11**	
3050B	06/03/09	6010B	06/09/09	**7440-02-0**	**Nickel**	2	**55**	
3050B	06/03/09	6010B	06/09/09	7440-22-4	Silver	0.6	0.6	U
3050B	06/03/09	6010B	06/09/09	**7440-66-6**	**Zinc**	2	**98**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: BW-03-SS-090602
SAMPLE

Lab Sample ID: PB06C
LIMS ID: 09-12544
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Percent Total Solids: 47.0%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/03/09	6010B	06/09/09	7440-36-0	Antimony	10	10	U
3050B	06/03/09	6010B	06/09/09	**7440-38-2**	**Arsenic**	10	**20**	
3050B	06/03/09	6010B	06/09/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/03/09	6010B	06/09/09	**7440-47-3**	**Chromium**	1	**63**	
3050B	06/03/09	6010B	06/09/09	**7440-50-8**	**Copper**	0.4	**67.9**	
3050B	06/03/09	6010B	06/09/09	**7439-92-1**	**Lead**	4	**12**	
CLP	06/03/09	7471A	06/08/09	**7439-97-6**	**Mercury**	0.04	**0.10**	
3050B	06/03/09	6010B	06/09/09	**7440-02-0**	**Nickel**	2	**51**	
3050B	06/03/09	6010B	06/09/09	7440-22-4	Silver	0.6	0.6	U
3050B	06/03/09	6010B	06/09/09	**7440-66-6**	**Zinc**	2	**94**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: BW-07-SS-090602
SAMPLE

Lab Sample ID: PB06G
LIMS ID: 09-12548
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Percent Total Solids: 65.2%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/03/09	6010B	06/09/09	7440-36-0	Antimony	7	7	U
3050B	06/03/09	6010B	06/09/09	**7440-38-2**	**Arsenic**	7	**13**	
3050B	06/03/09	6010B	06/09/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/03/09	6010B	06/09/09	**7440-47-3**	**Chromium**	0.7	**28.9**	
3050B	06/03/09	6010B	06/09/09	**7440-50-8**	**Copper**	0.3	**29.1**	
3050B	06/03/09	6010B	06/09/09	**7439-92-1**	**Lead**	3	**7**	
CLP	06/03/09	7471A	06/08/09	**7439-97-6**	**Mercury**	0.03	**0.03**	
3050B	06/03/09	6010B	06/09/09	**7440-02-0**	**Nickel**	1	**25**	
3050B	06/03/09	6010B	06/09/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/03/09	6010B	06/09/09	**7440-66-6**	**Zinc**	1	**60**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: BW-09-SS-090602
SAMPLE

Lab Sample ID: PB06I
LIMS ID: 09-12550
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Percent Total Solids: 52.3%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/03/09	6010B	06/09/09	7440-36-0	Antimony	9	9	U
3050B	06/03/09	6010B	06/09/09	**7440-38-2**	**Arsenic**	9	**16**	
3050B	06/03/09	6010B	06/09/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/03/09	6010B	06/09/09	**7440-47-3**	**Chromium**	0.9	**46.9**	
3050B	06/03/09	6010B	06/09/09	**7440-50-8**	**Copper**	0.4	**48.7**	
3050B	06/03/09	6010B	06/09/09	**7439-92-1**	**Lead**	4	**17**	
CLP	06/03/09	7471A	06/08/09	**7439-97-6**	**Mercury**	0.04	**0.09**	
3050B	06/03/09	6010B	06/09/09	**7440-02-0**	**Nickel**	2	**37**	
3050B	06/03/09	6010B	06/09/09	7440-22-4	Silver	0.5	0.5	U
3050B	06/03/09	6010B	06/09/09	**7440-66-6**	**Zinc**	2	**72**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: BW-11-SS-090602
SAMPLE

Lab Sample ID: PB06K
LIMS ID: 09-12552
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Percent Total Solids: 44.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/03/09	6010B	06/09/09	7440-36-0	Antimony	10	10	U
3050B	06/03/09	6010B	06/09/09	**7440-38-2**	**Arsenic**	10	**20**	
3050B	06/03/09	6010B	06/09/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/03/09	6010B	06/09/09	**7440-47-3**	**Chromium**	1	**61**	
3050B	06/03/09	6010B	06/09/09	**7440-50-8**	**Copper**	0.4	**65.7**	
3050B	06/03/09	6010B	06/09/09	**7439-92-1**	**Lead**	4	**11**	
CLP	06/03/09	7471A	06/08/09	**7439-97-6**	**Mercury**	0.04	**0.11**	
3050B	06/03/09	6010B	06/09/09	**7440-02-0**	**Nickel**	2	**51**	
3050B	06/03/09	6010B	06/09/09	7440-22-4	Silver	0.7	0.7	U
3050B	06/03/09	6010B	06/09/09	**7440-66-6**	**Zinc**	2	**88**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: BW-53-SS-090602
SAMPLE

Lab Sample ID: PB06M
LIMS ID: 09-12554
Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

QC Report No: PB06-Anchor Environmental, LLC
Project: Bay Wood Products
080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Percent Total Solids: 45.3%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/03/09	6010B	06/09/09	7440-36-0	Antimony	10	10	U
3050B	06/03/09	6010B	06/09/09	**7440-38-2**	**Arsenic**	10	**20**	
3050B	06/03/09	6010B	06/09/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/03/09	6010B	06/09/09	**7440-47-3**	**Chromium**	1	**69**	
3050B	06/03/09	6010B	06/09/09	**7440-50-8**	**Copper**	0.4	**72.6**	
3050B	06/03/09	6010B	06/09/09	**7439-92-1**	**Lead**	4	**13**	
CLP	06/03/09	7471A	06/08/09	**7439-97-6**	**Mercury**	0.04	**0.10**	
3050B	06/03/09	6010B	06/09/09	**7440-02-0**	**Nickel**	2	**56**	
3050B	06/03/09	6010B	06/09/09	7440-22-4	Silver	0.6	0.6	U
3050B	06/03/09	6010B	06/09/09	**7440-66-6**	**Zinc**	2	**104**	

U-Analyte undetected at given RL
RL-Reporting Limit

Metals Analysis
Instrument Raw Data and Logs

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

SAMPLE RUN LOG-ICP-OES-02
Perkin Elmer OPTIMA 7500
Serial No. – 077C8121202

IEC Date: 6.4.09 Analysis Date: 6.9.09 Analyst: BW

LR Date: 6.5.09 Page: 1 of 4

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep. Code	Dilution	Comments
		Std 0			2613-16
		2			2615-8
		3			-9
		4			-10
		5			-11
		ICV			2587-7
		ICB			
		CRI			
		ICSA			Ti 0.013
		ICSAB			
		CCV1			
		CCB1			
		PB4/5 MB	TwC		
		A			
		PB06 A	SWC	2	
		C			
		I			
		G dup			Cr 26% Cu 22% Zn 52%
		G			CAF
		G sph			Sb 22%
		G post			0.016 Sb 1000 0.08ml ICBsph Sb
		PB4/5 MBsph	TwC		
		CCV2			
		CCB2			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

SAMPLE RUN LOG-ICP-OES-02
Perkin Elmer OPTIMA 7500
Serial No. – 077C8121202

IEC Date: — Analysis Date: 6.9.09 Analyst: BW

LR Date: — Page: 2 of 4

All corrections made by analyst unless otherwise noted. BW 6.9.09

Edit Label	Delete Data	ARI Sample ID	Prep. Code	Dilution	Comments
		PB06 MB1	SWC	2	
		PB~~15~~54 MB	TWC		
		tube test 1			
		↓ 2			
		↓ 3			
		PB~~15~~54 C	TWC		
		PB06 K	SWC	2	
		↓ M	↓	↓	✓
		↓ MBlspk	↓	↓	✓
		PB54 MBspk	TWC		✓
		CCV 3			
		CCB 3			
	✓	PB06 Gdup	SWC	2	confirms prev.
label		~~air~~ 222222			~~air~~ air
↓		~~PB06 G~~ 222222	~~SWC~~	~~2~~	clog?
		222222			?
↓		222222			diluent - rinse ck
	✓	PB06 G	SWC	2	confirms
		CCV 4			
		CCB 4			
		CCV 5			wait for samples
		CCB 5			
		PA95R MB1	TWC		
		PA78R MB1	↓		

6/10/09

ANALYTICAL RESOURCES INCORPORATED

Metals Data Review Checklist

Method: (ICP) ICP-MS GFA CVA **Analysis Date:** 6.9.09

ICP 2	Analyst BEW 6.9	Peer JBA 6.10.9	Comment
Logbook:			
Analyst, Date, Method info	✓	✓	
Sample ID's	✓	✓	
Standard/QC solution ID's recorded	✓	✓	
Prep codes	✓	✓	
Dilution factors	✓	✓	
Crossouts/Corrections/Deletions	✓	✓	
Calibration:			
Blank & Standard intensities	✓	✓	
Standard deviations	✓	✓	
Curve fit	✓	✓	
Calibration Verification:			
ICV/CCV	✓	✓	
ICB/CCB	✓	✓	
Samples:			
RSD's & SD's	✓	✓	see log
Internal Standards	✓	✓	
Carry-over	✓	✓	
Method QC:			
CRI/CRA	✓	✓	
ICSA/ICSAB	✓	✓	see log
Post Spikes/Serial Dilutions	✓	✓	
Analytic Spikes	—	—	
Matrix QC:			
SRM/LCS	✓	✓	
Matrix Spikes	✓	✓	
Matrix Duplicates	✓	✓	PB06 ↓
Method Blanks	✓	✓	PB61 AN
Data Distribution:			
Requested elements/isotope identified	✓	✓	
Correct samples identified for distribution	✓	✓	
Raw data match distributed data	✓	✓	
Data filename correct	✓	✓	
Necessary Analysts Notes and CAF's	✓	✓	PB06 PB61

Nebulizer Parameters: Hg_ReAlign

Analyte	Back Pressure	Flow
All	226.0 kPa	0.75 L/min

6/9/2009 10:58:47 AM Hg ReAlign... Actual peak offset (nm): 0.002
Drift (nm): 0.000 Slit adjustment: 0

Analysis Begun

Start Time: 6/9/2009 11:00:37 AM **Plasma On Time: 6/9/2009 10:11:08 AM**
Logged In Analyst: metals **Technique: ICP Continuous**
Spectrometer Model: Optima 7300 DV, S/N 077C8121202 **Autosampler Model: AS-93plus**

Sample Information File: C:\pe\metals\Sample Information\CRISET1.sif
Batch ID:
Results Data Set: I2090609
Results Library: C:\pe\metals\Results\Results.mdb

Method Loaded
Method Name: 7300bcESI **Method Last Saved: 6/5/2009 10:16:45 AM**
IEC File: IEC2.iec **MSF File:**
Method Description: 12Axial Elements

Analyte	Calibration Equation	Processing	View	Internal Standard	IEC
Ag 328.068	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Al 308.215	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
As 188.979	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
B 249.677	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Ba 233.527	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Be 313.042	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Ca 317.933	Lin Thru 0	Peak Area	Radial	ScR 361.383	No
Cd 228.802	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Co 228.616	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Cr 267.716	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Cu 324.752	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Fe 273.955	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
K 766.490	Lin Thru 0	Peak Area	Radial	ScR 361.383	No
Mg 279.077	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Mn 257.610	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Mo 202.031	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Na 589.592	Lin Thru 0	Peak Area	Radial	ScR 361.383	No
Na 330.237	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Ni 231.604	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Pb 220.353	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Sb 206.836	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Se 196.026	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Si 288.158	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Sn 189.927	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Sr 421.552	Lin Thru 0	Peak Area	Radial	ScR 361.383	No
Ti 334.903	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Tl 190.801	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
V 292.402	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Zn 206.200	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
ScA 357.253	Lin, Calc Int	Peak Area	Axial	n/a	n/a
ScR 361.383	Lin, Calc Int	Peak Area	Radial	n/a	n/a

Sequence No.: 1 **Autosampler Location: 1**
Sample ID: Calib Blank 1 **Date Collected: 6/9/2009 11:00:42 AM**
Data Type: Original

Nebulizer Parameters: Calib Blank 1

Analyte	Back Pressure	Flow
All	226.0 kPa	0.75 L/min

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
ScA 357.253	2139652.8	25864.75	1.21%	100.0	%
ScR 361.383	526729.1	1216.89	0.23%	100.0	%
Ag 328.068†	-56.1	26.92	48.03%	[0.00]	mg/L
Al 308.215†	-57.7	9.02	15.64%	[0.00]	mg/L
As 188.979†	-16.7	4.30	25.75%	[0.00]	mg/L
B 249.677†	7.7	6.27	80.90%	[0.00]	mg/L
Ba 233.527†	120.9	6.39	5.28%	[0.00]	mg/L
Be 313.042†	1545.1	13.15	0.85%	[0.00]	mg/L
Ca 317.933†	265.6	32.68	12.30%	[0.00]	mg/L
Cd 228.802†	230.5	3.91	1.69%	[0.00]	mg/L
Co 228.616†	-116.9	3.55	3.03%	[0.00]	mg/L
Cr 267.716†	-237.1	14.52	6.13%	[0.00]	mg/L
Cu 324.752†	3956.5	95.03	2.40%	[0.00]	mg/L
Fe 273.955†	-25.8	3.42	13.25%	[0.00]	mg/L
K 766.490†	-181.7	23.90	13.15%	[0.00]	mg/L
Mg 279.077†	-16.9	11.87	70.43%	[0.00]	mg/L
Mn 257.610†	306.2	3.26	1.06%	[0.00]	mg/L
Mo 202.031†	80.1	4.76	5.94%	[0.00]	mg/L
Na 589.592†	1689.4	14.08	0.83%	[0.00]	mg/L
Na 330.237†	199.8	6.27	3.14%	[0.00]	mg/L
Ni 231.604†	60.4	3.68	6.09%	[0.00]	mg/L
Pb 220.353†	-151.6	1.89	1.25%	[0.00]	mg/L
Sb 206.836†	67.3	3.59	5.34%	[0.00]	mg/L
Se 196.026†	-82.3	3.66	4.44%	[0.00]	mg/L
Si 288.158†	74.3	4.72	6.35%	[0.00]	mg/L
Sn 189.927†	-25.5	2.88	11.29%	[0.00]	mg/L
Sr 421.552†	-563.0	33.03	5.87%	[0.00]	mg/L
Ti 334.903†	-130.7	13.82	10.57%	[0.00]	mg/L
Tl 190.801†	-31.1	0.33	1.05%	[0.00]	mg/L
V 292.402†	134.4	10.60	7.89%	[0.00]	mg/L
Zn 206.200†	-98.8	2.20	2.23%	[0.00]	mg/L

Sequence No.: 2
Sample ID: STD2

Autosampler Location: 2
Date Collected: 6/9/2009 11:04:31 AM
Data Type: Original

Nebulizer Parameters: STD2

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: STD2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
ScA 357.253	2160045.2	2708.29	0.13%	101.0	%
ScR 361.383	528287.4	2842.70	0.54%	100.3	%
Ba 233.527†	115707.6	1109.54	0.96%	[10]	mg/L
Cd 228.802†	186508.3	556.66	0.30%	[10]	mg/L
Co 228.616†	273749.1	826.89	0.30%	[10]	mg/L
Cr 267.716†	112482.6	1134.73	1.01%	[10]	mg/L
Cu 324.752†	2528361.2	8070.10	0.32%	[10]	mg/L
Mn 257.610†	975959.6	11463.48	1.17%	[10]	mg/L
V 292.402†	955701.0	1598.22	0.17%	[10]	mg/L

Sequence No.: 3
Sample ID: STD3

Autosampler Location: 3
Date Collected: 6/9/2009 11:05:46 AM
Data Type: Original

Nebulizer Parameters: STD3

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: STD3

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
ScA 357.253	2145201.5	8032.06	0.37%	100.3	%
ScR 361.383	524226.1	6087.88	1.16%	99.52	%
Ag 328.068†	205586.6	1730.90	0.84%	[1.0]	mg/L
As 188.979†	8454.5	45.12	0.53%	[10]	mg/L
B 249.677†	109246.8	873.69	0.80%	[10]	mg/L
Be 313.042†	4186901.6	48343.69	1.15%	[5.0]	mg/L
Na 589.592†	716970.7	9500.51	1.33%	[50]	mg/L
Ni 231.604†	41346.0	512.87	1.24%	[10]	mg/L
Pb 220.353†	60243.8	191.79	0.32%	[10]	mg/L
Se 196.026†	12046.7	47.36	0.39%	[10]	mg/L
Sr 421.552†	4522124.8	47789.16	1.06%	[5]	mg/L
Tl 190.801†	14639.9	52.53	0.36%	[10]	mg/L
Zn 206.200†	42325.8	258.31	0.61%	[10]	mg/L

Sequence No.: 4
Sample ID: STD4

Autosampler Location: 4
Date Collected: 6/9/2009 11:07:48 AM
Data Type: Original

Nebulizer Parameters: STD4

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: STD4

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
ScA 357.253	2181947.6	40012.18	1.83%	102.0	%
ScR 361.383	531880.1	4061.11	0.76%	101.0	%
Mo 202.031†	145187.6	2586.92	1.78%	[10]	mg/L
Sb 206.836†	22674.7	430.91	1.90%	[10]	mg/L
Si 288.158†	21484.7	133.55	0.62%	[10]	mg/L
Sn 189.927†	41680.3	654.91	1.57%	[10]	mg/L
Ti 334.903†	308582.5	1115.58	0.36%	[10]	mg/L

Sequence No.: 5
Sample ID: STD5

Autosampler Location: 5
Date Collected: 6/9/2009 11:09:31 AM
Data Type: Original

Nebulizer Parameters: STD5

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: STD5

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
ScA 357.253	2033173.9	8010.61	0.39%	95.02	%
ScR 361.383	527604.0	5164.19	0.98%	100.2	%
Al 308.215†	53500.7	228.77	0.43%	[30]	mg/L
Ca 317.933†	373127.3	1817.35	0.49%	[30]	mg/L
Fe 273.955†	176201.0	721.02	0.41%	[100]	mg/L
K 766.490†	179627.2	723.93	0.40%	[100]	mg/L
Mg 279.077†	37896.1	114.21	0.30%	[30]	mg/L
Na 330.237†	4658.4	16.92	0.36%	[100]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	1	Lin Thru 0	0.0	205600	0.00000	1.000000	
Al 308.215	1	Lin Thru 0	0.0	1783	0.00000	1.000000	
As 188.979	1	Lin Thru 0	0.0	845.5	0.00000	1.000000	
B 249.677	1	Lin Thru 0	0.0	10920	0.00000	1.000000	
Ba 233.527	1	Lin Thru 0	0.0	11570	0.00000	1.000000	
Be 313.042	1	Lin Thru 0	0.0	837400	0.00000	1.000000	
Ca 317.933	1	Lin Thru 0	0.0	12440	0.00000	1.000000	
Cd 228.802	1	Lin Thru 0	0.0	18650	0.00000	1.000000	
Co 228.616	1	Lin Thru 0	0.0	27370	0.00000	1.000000	
Cr 267.716	1	Lin Thru 0	0.0	11250	0.00000	1.000000	
Cu 324.752	1	Lin Thru 0	0.0	252800	0.00000	1.000000	
Fe 273.955	1	Lin Thru 0	0.0	1762	0.00000	1.000000	
K 766.490	1	Lin Thru 0	0.0	1796	0.00000	1.000000	
Mg 279.077	1	Lin Thru 0	0.0	1263	0.00000	1.000000	
Mn 257.610	1	Lin Thru 0	0.0	97600	0.00000	1.000000	
Mo 202.031	1	Lin Thru 0	0.0	14520	0.00000	1.000000	
Na 589.592	1	Lin Thru 0	0.0	14340	0.00000	1.000000	
Na 330.237	1	Lin Thru 0	0.0	46.58	0.00000	1.000000	
Ni 231.604	1	Lin Thru 0	0.0	4135	0.00000	1.000000	
Pb 220.353	1	Lin Thru 0	0.0	6024	0.00000	1.000000	
Sb 206.836	1	Lin Thru 0	0.0	2267	0.00000	1.000000	
Se 196.026	1	Lin Thru 0	0.0	1205	0.00000	1.000000	
Si 288.158	1	Lin Thru 0	0.0	2148	0.00000	1.000000	
Sn 189.927	1	Lin Thru 0	0.0	4168	0.00000	1.000000	
Sr 421.552	1	Lin Thru 0	0.0	904400	0.00000	1.000000	
Ti 334.903	1	Lin Thru 0	0.0	30860	0.00000	1.000000	
Tl 190.801	1	Lin Thru 0	0.0	1464	0.00000	1.000000	
V 292.402	1	Lin Thru 0	0.0	95570	0.00000	1.000000	
Zn 206.200	1	Lin Thru 0	0.0	4233	0.00000	1.000000	

Analysis Begun

Start Time: 6/9/2009 11:20:07 AM
Logged In Analyst: metals
Spectrometer Model: Optima 7300 DV, S/N 077C8121202
Plasma On Time: 6/9/2009 10:11:08 AM
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\metals\Sample Information\0609.sif
Batch ID:
Results Data Set: I2090609
Results Library: C:\pe\metals\Results\Results.mdb

Sequence No.: 1
Sample ID: CV
Analyst: BLW
Dilution: 1X
Autosampler Location: 7
Date Collected: 6/9/2009 11:20:08 AM
Data Type: Original

Nebulizer Parameters: CV

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: CV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2127538.8	99.43	%	0.403				0.41%
ScR 361.383	523768.0	99.44	%	0.803				0.81%
Ag 328.068†	201825.0	0.9818	mg/L	0.00379	0.9818	mg/L	0.00379	0.39%
Al 308.215†	3629.4	2.002	mg/L	0.0028	2.002	mg/L	0.0028	0.14%
As 188.979†	1698.1	2.004	mg/L	0.0144	2.004	mg/L	0.0144	0.72%
B 249.677†	10810.1	0.9886	mg/L	0.00735	0.9886	mg/L	0.00735	0.74%
Ba 233.527†	11639.2	1.005	mg/L	0.0022	1.005	mg/L	0.0022	0.22%
Be 313.042†	830047.8	0.9881	mg/L	0.00616	0.9881	mg/L	0.00616	0.62%
Ca 317.933†	26018.6	2.092	mg/L	0.0042	2.092	mg/L	0.0042	0.20%
Cd 228.802†	19543.3	1.033	mg/L	0.0038	1.033	mg/L	0.0038	0.37%
Co 228.616†	27844.0	1.015	mg/L	0.0043	1.015	mg/L	0.0043	0.42%
Cr 267.716†	11326.2	1.006	mg/L	0.0021	1.006	mg/L	0.0021	0.21%
Cu 324.752†	252456.0	0.9983	mg/L	0.00418	0.9983	mg/L	0.00418	0.42%
Fe 273.955†	3517.6	1.981	mg/L	0.0121	1.981	mg/L	0.0121	0.61%
K 766.490†	34902.7	19.43	mg/L	0.199	19.43	mg/L	0.199	1.03%
Mg 279.077†	2555.2	2.027	mg/L	0.0100	2.027	mg/L	0.0100	0.49%
Mn 257.610†	95193.7	0.9759	mg/L	0.01015	0.9759	mg/L	0.01015	1.04%
Mo 202.031†	14565.8	1.003	mg/L	0.0032	1.003	mg/L	0.0032	0.32%
Na 589.592†	717143.5	50.01	mg/L	0.403	50.01	mg/L	0.403	0.81%
Na 330.237†	2388.7	51.04	mg/L	0.197	51.04	mg/L	0.197	0.39%
Ni 231.604†	4039.1	0.9778	mg/L	0.00321	0.9778	mg/L	0.00321	0.33%
Pb 220.353†	12097.2	2.010	mg/L	0.0063	2.010	mg/L	0.0063	0.31%
Sb 206.836†	4562.7	2.013	mg/L	0.0079	2.013	mg/L	0.0079	0.39%
Se 196.026†	2406.1	1.997	mg/L	0.0074	1.997	mg/L	0.0074	0.37%
Si 288.158†	4381.5	2.046	mg/L	0.0267	2.046	mg/L	0.0267	1.31%
Sn 189.927†	4179.0	1.005	mg/L	0.0047	1.005	mg/L	0.0047	0.47%
Sr 421.552†	941849.3	1.041	mg/L	0.0088	1.041	mg/L	0.0088	0.85%
Ti 334.903†	31016.1	1.002	mg/L	0.0110	1.002	mg/L	0.0110	1.10%
Tl 190.801†	2962.1	2.016	mg/L	0.0086	2.016	mg/L	0.0086	0.43%
V 292.402†	94454.7	0.9924	mg/L	0.00385	0.9924	mg/L	0.00385	0.39%
Zn 206.200†	4209.5	0.9950	mg/L	0.00254	0.9950	mg/L	0.00254	0.26%

Sequence No.: 2
Sample ID: CB
Analyst: BLW
Dilution: 1X

Autosampler Location: 1
Date Collected: 6/9/2009 11:22:40 AM
Data Type: Original

Nebulizer Parameters: CB

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: CB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2164892.2	101.2	%	0.44				0.44%
ScR 361.383	527798.4	100.2	%	0.39				0.39%
Ag 328.068†	11.5	0.00006	mg/L	0.000238	0.00006	mg/L	0.000238	426.99%
Al 308.215†	18.3	0.01027	mg/L	0.005091	0.01027	mg/L	0.005091	49.59%
As 188.979†	-2.0	-0.00233	mg/L	0.000495	-0.00233	mg/L	0.000495	21.25%
B 249.677†	29.2	0.00267	mg/L	0.000884	0.00267	mg/L	0.000884	33.11%
Ba 233.527†	-5.5	-0.00048	mg/L	0.000374	-0.00048	mg/L	0.000374	78.39%
Be 313.042†	81.0	0.00010	mg/L	0.000036	0.00010	mg/L	0.000036	37.78%
Ca 317.933†	29.2	0.00235	mg/L	0.002696	0.00235	mg/L	0.002696	114.78%
Cd 228.802†	5.7	0.00032	mg/L	0.000090	0.00032	mg/L	0.000090	27.91%
Co 228.616†	12.0	0.00044	mg/L	0.000392	0.00044	mg/L	0.000392	90.04%
Cr 267.716†	1.8	0.00016	mg/L	0.000520	0.00016	mg/L	0.000520	322.93%
Cu 324.752†	131.7	0.00052	mg/L	0.000169	0.00052	mg/L	0.000169	32.52%
Fe 273.955†	2.4	0.00135	mg/L	0.000821	0.00135	mg/L	0.000821	60.74%
K 766.490†	30.7	0.01710	mg/L	0.010444	0.01710	mg/L	0.010444	61.07%
Mg 279.077†	0.5	0.00041	mg/L	0.004685	0.00041	mg/L	0.004685	>999.9%
Mn 257.610†	12.2	0.00013	mg/L	0.000033	0.00013	mg/L	0.000033	26.50%
Mo 202.031†	3.3	0.00022	mg/L	0.000443	0.00022	mg/L	0.000443	197.22%
Na 589.592†	100.1	0.00698	mg/L	0.003593	0.00698	mg/L	0.003593	51.49%
Na 330.237†	9.1	0.1941	mg/L	0.29728	0.1941	mg/L	0.29728	153.13%
Ni 231.604†	-0.7	-0.00018	mg/L	0.000326	-0.00018	mg/L	0.000326	180.69%
Pb 220.353†	6.0	0.00100	mg/L	0.000453	0.00100	mg/L	0.000453	45.34%
Sb 206.836†	-0.2	-0.00007	mg/L	0.001612	-0.00007	mg/L	0.001612	>999.9%
Se 196.026†	3.4	0.00284	mg/L	0.000514	0.00284	mg/L	0.000514	18.12%
Si 288.158†	5.2	0.00243	mg/L	0.002269	0.00243	mg/L	0.002269	93.31%
Sn 189.927†	1.0	0.00025	mg/L	0.000248	0.00025	mg/L	0.000248	100.44%
Sr 421.552†	111.6	0.00012	mg/L	0.000064	0.00012	mg/L	0.000064	51.78%
Ti 334.903†	29.4	0.00095	mg/L	0.001801	0.00095	mg/L	0.001801	189.41%
Tl 190.801†	6.4	0.00438	mg/L	0.001162	0.00438	mg/L	0.001162	26.51%
V 292.402†	32.8	0.00034	mg/L	0.000289	0.00034	mg/L	0.000289	84.02%
Zn 206.200†	4.1	0.00097	mg/L	0.000326	0.00097	mg/L	0.000326	33.71%

Sequence No.: 3
Sample ID: CRI
Analyst: BLW
Dilution: 1X

Autosampler Location: 301
Date Collected: 6/9/2009 11:26:24 AM
Data Type: Original

Nebulizer Parameters: CRI

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2179623.4	101.9	%	0.34				0.33%
ScR 361.383	533773.6	101.3	%	1.46				1.44%
Ag 328.068†	612.8	0.00298	mg/L	0.000051	0.00298	mg/L	0.000051	1.71%
Al 308.215†	104.6	0.05854	mg/L	0.003240	0.05854	mg/L	0.003240	5.53%
As 188.979†	37.5	0.04432	mg/L	0.005757	0.04432	mg/L	0.005757	12.99%
B 249.677†	224.0	0.02051	mg/L	0.000239	0.02051	mg/L	0.000239	1.16%
Ba 233.527†	30.9	0.00267	mg/L	0.000335	0.00267	mg/L	0.000335	12.55%
Be 313.042†	775.6	0.00092	mg/L	0.000042	0.00092	mg/L	0.000042	4.62%
Ca 317.933†	599.8	0.04823	mg/L	0.001352	0.04823	mg/L	0.001352	2.80%
Cd 228.802†	50.3	0.00236	mg/L	0.000242	0.00236	mg/L	0.000242	10.26%
Co 228.616†	84.5	0.00307	mg/L	0.000124	0.00307	mg/L	0.000124	4.02%
Cr 267.716†	67.1	0.00597	mg/L	0.000412	0.00597	mg/L	0.000412	6.91%
Cu 324.752†	539.0	0.00213	mg/L	0.000099	0.00213	mg/L	0.000099	4.62%
Fe 273.955†	88.3	0.05008	mg/L	0.001912	0.05008	mg/L	0.001912	3.82%
K 766.490†	895.7	0.4986	mg/L	0.00886	0.4986	mg/L	0.00886	1.78%
Mg 279.077†	63.0	0.04989	mg/L	0.004182	0.04989	mg/L	0.004182	8.38%
Mn 257.610†	100.3	0.00103	mg/L	0.000035	0.00103	mg/L	0.000035	3.39%
Mo 202.031†	70.4	0.00485	mg/L	0.000199	0.00485	mg/L	0.000199	4.10%
Na 589.592†	7102.8	0.4953	mg/L	0.00665	0.4953	mg/L	0.00665	1.34%
Na 330.237†	30.6	0.6525	mg/L	0.27539	0.6525	mg/L	0.27539	42.21%
Ni 231.604†	44.1	0.01071	mg/L	0.001942	0.01071	mg/L	0.001942	18.13%
Pb 220.353†	126.3	0.02099	mg/L	0.000262	0.02099	mg/L	0.000262	1.25%
Sb 206.836†	111.0	0.04898	mg/L	0.002170	0.04898	mg/L	0.002170	4.43%
Se 196.026†	61.4	0.05098	mg/L	0.000739	0.05098	mg/L	0.000739	1.45%
Si 288.158†	132.9	0.06186	mg/L	0.001605	0.06186	mg/L	0.001605	2.59%
Sn 189.927†	40.3	0.00972	mg/L	0.000636	0.00972	mg/L	0.000636	6.55%
Sr 421.552†	923.9	0.00102	mg/L	0.000021	0.00102	mg/L	0.000021	2.02%
Ti 334.903†	201.1	0.00649	mg/L	0.001309	0.00649	mg/L	0.001309	20.16%
Tl 190.801†	74.9	0.05113	mg/L	0.002233	0.05113	mg/L	0.002233	4.37%
V 292.402†	279.6	0.00295	mg/L	0.000044	0.00295	mg/L	0.000044	1.51%
Zn 206.200†	60.9	0.01438	mg/L	0.000546	0.01438	mg/L	0.000546	3.79%

Sequence No.: 4
Sample ID: ICSA
Analyst: BLW
Dilution: 1X

Autosampler Location: 302
Date Collected: 6/9/2009 11:30:08 AM
Data Type: Original

Nebulizer Parameters: ICSA

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2087156.2	97.55	%	0.445				0.46%
ScR 361.383	524817.0	99.64	%	0.208				0.21%
Ag 328.068†	-343.2	-0.00167	mg/L	0.000148	-0.00167	mg/L	0.000148	8.86%
Al 308.215†	356414.8	199.9	mg/L	0.53	199.9	mg/L	0.53	0.27%
As 188.979†	113.7	0.05610	mg/L	0.000538	0.05610	mg/L	0.000538	0.96%
B 249.677†	-65.1	-0.00596	mg/L	0.001139	-0.00596	mg/L	0.001139	19.12%
Ba 233.527†	121.2	0.00010	mg/L	0.000892	0.00010	mg/L	0.000892	935.48%
Be 313.042†	91.8	0.00008	mg/L	0.000007	0.00008	mg/L	0.000007	8.99%
Ca 317.933†	1262779.2	101.5	mg/L	0.24	101.5	mg/L	0.24	0.24%
Cd 228.802†	12.3	-0.00156	mg/L	0.000202	-0.00156	mg/L	0.000202	12.94%
Co 228.616†	12.5	0.00039	mg/L	0.000056	0.00039	mg/L	0.000056	14.33%
Cr 267.716†	-37.8	0.00125	mg/L	0.000503	0.00125	mg/L	0.000503	40.07%
Cu 324.752†	-3312.5	0.00018	mg/L	0.000144	0.00018	mg/L	0.000144	78.51%
Fe 273.955†	337888.1	191.8	mg/L	0.73	191.8	mg/L	0.73	0.38%
K 766.490†	-92.8	-0.05165	mg/L	0.032150	-0.05165	mg/L	0.032150	62.24%
Mg 279.077†	125164.6	99.01	mg/L	0.113	99.01	mg/L	0.113	0.11%
Mn 257.610†	158.8	-0.00066	mg/L	0.000077	-0.00066	mg/L	0.000077	11.72%
Mo 202.031†	65.7	0.00343	mg/L	0.000362	0.00343	mg/L	0.000362	10.56%
Na 589.592†	91.6	0.00639	mg/L	0.003566	0.00639	mg/L	0.003566	55.82%
Na 330.237†	100.6	0.9683	mg/L	0.09431	0.9683	mg/L	0.09431	9.74%
Ni 231.604†	1.5	0.00037	mg/L	0.000514	0.00037	mg/L	0.000514	138.28%
Pb 220.353†	-237.3	-0.01260	mg/L	0.001851	-0.01260	mg/L	0.001851	14.68%
Sb 206.836†	64.8	0.02858	mg/L	0.003430	0.02858	mg/L	0.003430	12.00%
Se 196.026†	-22.6	0.00041	mg/L	0.009825	0.00041	mg/L	0.009825	>999.9%
Si 288.158†	-35.3	-0.01643	mg/L	0.002700	-0.01643	mg/L	0.002700	16.44%
Sn 189.927†	-33.8	-0.00539	mg/L	0.000847	-0.00539	mg/L	0.000847	15.71%
Sr 421.552†	767.8	0.00085	mg/L	0.000022	0.00085	mg/L	0.000022	2.59%
Ti 334.903†	1071.1	0.01269	mg/L	0.000938	0.01269	mg/L	0.000938	7.39%
Tl 190.801†	1.8	0.02137	mg/L	0.005004	0.02137	mg/L	0.005004	23.42%
V 292.402†	793.5	-0.00052	mg/L	0.000121	-0.00052	mg/L	0.000121	23.19%
Zn 206.200†	-6.2	-0.00290	mg/L	0.000440	-0.00290	mg/L	0.000440	15.18%

Sequence No.: 5
Sample ID: ICSAB
Analyst: BLW
Dilution: 1X

Autosampler Location: 303
Date Collected: 6/9/2009 11:33:37 AM
Data Type: Original

Nebulizer Parameters: ICSAB

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2082271.0	97.32	%	0.404				0.41%
ScR 361.383	522859.2	99.27	%	1.210				1.22%
Ag 328.068†	207897.6	1.011	mg/L	0.0039	1.011	mg/L	0.0039	0.38%
Al 308.215†	357374.2	200.4	mg/L	2.14	200.4	mg/L	2.14	1.07%
As 188.979†	970.5	1.069	mg/L	0.0108	1.069	mg/L	0.0108	1.01%
B 249.677†	-45.7	-0.00580	mg/L	0.000744	-0.00580	mg/L	0.000744	12.83%
Ba 233.527†	11579.7	0.9898	mg/L	0.01189	0.9898	mg/L	0.01189	1.20%
Be 313.042†	831810.6	0.9902	mg/L	0.01419	0.9902	mg/L	0.01419	1.43%
Ca 317.933†	1256063.4	101.0	mg/L	1.28	101.0	mg/L	1.28	1.27%
Cd 228.802†	19243.3	1.022	mg/L	0.0031	1.022	mg/L	0.0031	0.30%
Co 228.616†	26693.9	0.9748	mg/L	0.00179	0.9748	mg/L	0.00179	0.18%
Cr 267.716†	11362.8	1.015	mg/L	0.0129	1.015	mg/L	0.0129	1.27%
Cu 324.752†	257476.1	1.032	mg/L	0.0064	1.032	mg/L	0.0064	0.62%
Fe 273.955†	339366.1	192.6	mg/L	2.21	192.6	mg/L	2.21	1.15%
K 766.490†	-58.8	-0.03271	mg/L	0.016775	-0.03271	mg/L	0.016775	51.29%
Mg 279.077†	125141.8	98.99	mg/L	0.945	98.99	mg/L	0.945	0.95%
Mn 257.610†	93510.4	0.9561	mg/L	0.01024	0.9561	mg/L	0.01024	1.07%
Mo 202.031†	59.6	0.00301	mg/L	0.000275	0.00301	mg/L	0.000275	9.14%
Na 589.592†	197.4	0.01377	mg/L	0.003312	0.01377	mg/L	0.003312	24.05%
Na 330.237†	111.8	0.8171	mg/L	0.30471	0.8171	mg/L	0.30471	37.29%
Ni 231.604†	3902.6	0.9440	mg/L	0.01249	0.9440	mg/L	0.01249	1.32%
Pb 220.353†	5534.0	0.9466	mg/L	0.00226	0.9466	mg/L	0.00226	0.24%
Sb 206.836†	2357.6	1.029	mg/L	0.0048	1.029	mg/L	0.0048	0.47%
Se 196.026†	1177.8	0.9969	mg/L	0.00894	0.9969	mg/L	0.00894	0.90%
Si 288.158†	-44.4	-0.01634	mg/L	0.001311	-0.01634	mg/L	0.001311	8.03%
Sn 189.927†	-39.7	-0.00588	mg/L	0.001952	-0.00588	mg/L	0.001952	33.23%
Sr 421.552†	720.0	0.00080	mg/L	0.000040	0.00080	mg/L	0.000040	5.09%
Ti 334.903†	1060.2	0.01234	mg/L	0.000566	0.01234	mg/L	0.000566	4.59%
Tl 190.801†	1403.9	0.9693	mg/L	0.00547	0.9693	mg/L	0.00547	0.56%
V 292.402†	93978.4	0.9787	mg/L	0.00352	0.9787	mg/L	0.00352	0.36%
Zn 206.200†	4003.9	0.9451	mg/L	0.01344	0.9451	mg/L	0.01344	1.42%

Sequence No.: 6
Sample ID: CV
Analyst: BLW
Dilution: 1X

Autosampler Location: 7
Date Collected: 6/9/2009 11:36:53 AM
Data Type: Original

Nebulizer Parameters: CV

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: CV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2161691.0	101.0	%	0.75				0.74%
ScR 361.383	529206.6	100.5	%	0.76				0.76%
Ag 328.068†	200754.1	0.9766	mg/L	0.00652	0.9766	mg/L	0.00652	0.67%
Al 308.215†	3658.5	2.019	mg/L	0.0189	2.019	mg/L	0.0189	0.94%
As 188.979†	1694.2	2.000	mg/L	0.0066	2.000	mg/L	0.0066	0.33%
B 249.677†	10782.1	0.9860	mg/L	0.00044	0.9860	mg/L	0.00044	0.05%
Ba 233.527†	11558.8	0.9983	mg/L	0.00280	0.9983	mg/L	0.00280	0.28%
Be 313.042†	827304.8	0.9849	mg/L	0.01180	0.9849	mg/L	0.01180	1.20%
Ca 317.933†	26170.7	2.104	mg/L	0.0052	2.104	mg/L	0.0052	0.25%
Cd 228.802†	19182.6	1.014	mg/L	0.0062	1.014	mg/L	0.0062	0.61%
Co 228.616†	27554.9	1.005	mg/L	0.0050	1.005	mg/L	0.0050	0.50%
Cr 267.716†	11310.9	1.005	mg/L	0.0016	1.005	mg/L	0.0016	0.16%
Cu 324.752†	250650.9	0.9912	mg/L	0.00350	0.9912	mg/L	0.00350	0.35%
Fe 273.955†	3496.4	1.970	mg/L	0.0082	1.970	mg/L	0.0082	0.42%
K 766.490†	35008.9	19.49	mg/L	0.148	19.49	mg/L	0.148	0.76%
Mg 279.077†	2568.3	2.038	mg/L	0.0115	2.038	mg/L	0.0115	0.56%
Mn 257.610†	95198.7	0.9759	mg/L	0.00908	0.9759	mg/L	0.00908	0.93%
Mo 202.031†	14370.4	0.9898	mg/L	0.00749	0.9898	mg/L	0.00749	0.76%
Na 589.592†	714424.6	49.82	mg/L	0.428	49.82	mg/L	0.428	0.86%
Na 330.237†	2376.2	50.78	mg/L	0.520	50.78	mg/L	0.520	1.03%
Ni 231.604†	3996.6	0.9675	mg/L	0.00939	0.9675	mg/L	0.00939	0.97%
Pb 220.353†	11932.3	1.982	mg/L	0.0155	1.982	mg/L	0.0155	0.78%
Sb 206.836†	4510.8	1.990	mg/L	0.0112	1.990	mg/L	0.0112	0.56%
Se 196.026†	2390.5	1.985	mg/L	0.0095	1.985	mg/L	0.0095	0.48%
Si 288.158†	4325.6	2.020	mg/L	0.0100	2.020	mg/L	0.0100	0.49%
Sn 189.927†	4152.0	0.9985	mg/L	0.00610	0.9985	mg/L	0.00610	0.61%
Sr 421.552†	933632.9	1.032	mg/L	0.0079	1.032	mg/L	0.0079	0.77%
Ti 334.903†	31055.5	1.003	mg/L	0.0144	1.003	mg/L	0.0144	1.44%
Tl 190.801†	2942.5	2.003	mg/L	0.0053	2.003	mg/L	0.0053	0.27%
V 292.402†	93723.1	0.9848	mg/L	0.00837	0.9848	mg/L	0.00837	0.85%
Zn 206.200†	4177.0	0.9873	mg/L	0.00265	0.9873	mg/L	0.00265	0.27%

Sequence No.: 7
Sample ID: CB|
Analyst: BLW
Dilution: 1X

Autosampler Location: 1
Date Collected: 6/9/2009 11:39:25 AM
Data Type: Original

Nebulizer Parameters: CB

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: CB

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2171954.4	101.5	%	0.09				0.09%
ScR 361.383	533311.0	101.2	%	0.13				0.13%
Ag 328.068†	25.3	0.00012	mg/L	0.000105	0.00012	mg/L	0.000105	84.93%
Al 308.215†	43.6	0.02441	mg/L	0.002854	0.02441	mg/L	0.002854	11.69%
As 188.979†	-4.1	-0.00480	mg/L	0.005408	-0.00480	mg/L	0.005408	112.72%
B 249.677†	25.0	0.00229	mg/L	0.001135	0.00229	mg/L	0.001135	49.62%
Ba 233.527†	-3.6	-0.00031	mg/L	0.000658	-0.00031	mg/L	0.000658	209.29%
Be 313.042†	83.5	0.00010	mg/L	0.000038	0.00010	mg/L	0.000038	38.59%
Ca 317.933†	65.1	0.00523	mg/L	0.000413	0.00523	mg/L	0.000413	7.90%
Cd 228.802†	10.6	0.00060	mg/L	0.000549	0.00060	mg/L	0.000549	90.87%
Co 228.616†	10.2	0.00037	mg/L	0.000300	0.00037	mg/L	0.000300	80.87%
Cr 267.716†	7.5	0.00066	mg/L	0.000494	0.00066	mg/L	0.000494	74.30%
Cu 324.752†	196.1	0.00078	mg/L	0.000051	0.00078	mg/L	0.000051	6.55%
Fe 273.955†	14.1	0.00798	mg/L	0.003011	0.00798	mg/L	0.003011	37.73%
K 766.490†	-1.7	-0.00094	mg/L	0.012092	-0.00094	mg/L	0.012092	>999.9%
Mg 279.077†	4.8	0.00379	mg/L	0.006413	0.00379	mg/L	0.006413	169.34%
Mn 257.610†	9.3	0.00010	mg/L	0.000063	0.00010	mg/L	0.000063	65.99%
Mo 202.031†	7.5	0.00051	mg/L	0.000638	0.00051	mg/L	0.000638	124.04%
Na 589.592†	88.0	0.00614	mg/L	0.003831	0.00614	mg/L	0.003831	62.40%
Na 330.237†	8.5	0.1826	mg/L	0.06543	0.1826	mg/L	0.06543	35.84%
Ni 231.604†	2.3	0.00057	mg/L	0.000915	0.00057	mg/L	0.000915	161.63%
Pb 220.353†	7.5	0.00125	mg/L	0.000811	0.00125	mg/L	0.000811	64.81%
Sb 206.836†	1.8	0.00077	mg/L	0.001112	0.00077	mg/L	0.001112	143.73%
Se 196.026†	0.5	0.00045	mg/L	0.002764	0.00045	mg/L	0.002764	613.48%
Si 288.158†	4.9	0.00228	mg/L	0.001766	0.00228	mg/L	0.001766	77.51%
Sn 189.927†	3.3	0.00079	mg/L	0.001079	0.00079	mg/L	0.001079	135.83%
Sr 421.552†	84.8	0.00009	mg/L	0.000059	0.00009	mg/L	0.000059	63.31%
Ti 334.903†	41.4	0.00134	mg/L	0.000616	0.00134	mg/L	0.000616	45.95%
Tl 190.801†	6.2	0.00423	mg/L	0.001052	0.00423	mg/L	0.001052	24.87%
V 292.402†	49.8	0.00052	mg/L	0.000418	0.00052	mg/L	0.000418	79.83%
Zn 206.200†	3.1	0.00073	mg/L	0.000071	0.00073	mg/L	0.000071	9.81%

Sequence No.: 8
Sample ID: PB45 MB TWC
Analyst: BLW
Dilution: 1X

Autosampler Location: 304
Date Collected: 6/9/2009 11:43:09 AM
Data Type: Original

Nebulizer Parameters: PB45 MB TWC

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: PB45 MB TWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2182418.6	102.0	%	0.44				0.43%
ScR 361.383	538347.3	102.2	%	0.67				0.66%
Ag 328.068†	-21.5	-0.00010	mg/L	0.000124	-0.00010	mg/L	0.000124	118.66%
Al 308.215†	31.2	0.01752	mg/L	0.005645	0.01752	mg/L	0.005645	32.22%
As 188.979†	-0.9	-0.00104	mg/L	0.001770	-0.00104	mg/L	0.001770	170.82%
B 249.677†	10.1	0.00092	mg/L	0.000242	0.00092	mg/L	0.000242	26.16%
Ba 233.527†	-5.9	-0.00051	mg/L	0.000308	-0.00051	mg/L	0.000308	60.71%
Be 313.042†	-23.0	-0.00003	mg/L	0.000019	-0.00003	mg/L	0.000019	70.64%
Ca 317.933†	81.4	0.00655	mg/L	0.000305	0.00655	mg/L	0.000305	4.65%
Cd 228.802†	1.8	0.00010	mg/L	0.000253	0.00010	mg/L	0.000253	241.58%
Co 228.616†	-0.5	-0.00002	mg/L	0.000025	-0.00002	mg/L	0.000025	136.80%
Cr 267.716†	6.6	0.00059	mg/L	0.000421	0.00059	mg/L	0.000421	71.66%
Cu 324.752†	43.5	0.00017	mg/L	0.000028	0.00017	mg/L	0.000028	16.25%
Fe 273.955†	5.5	0.00311	mg/L	0.001299	0.00311	mg/L	0.001299	41.80%
K 766.490†	-0.9	-0.00049	mg/L	0.002120	-0.00049	mg/L	0.002120	430.62%
Mg 279.077†	-1.5	-0.00115	mg/L	0.004066	-0.00115	mg/L	0.004066	353.66%
Mn 257.610†	5.0	0.00005	mg/L	0.000054	0.00005	mg/L	0.000054	103.97%
Mo 202.031†	-1.7	-0.00012	mg/L	0.000191	-0.00012	mg/L	0.000191	162.71%
Na 589.592†	163.9	0.01143	mg/L	0.001562	0.01143	mg/L	0.001562	13.67%
Na 330.237†	12.0	0.2560	mg/L	0.13818	0.2560	mg/L	0.13818	53.97%
Ni 231.604†	-0.2	-0.00005	mg/L	0.000752	-0.00005	mg/L	0.000752	>999.9%
Pb 220.353†	2.4	0.00040	mg/L	0.001096	0.00040	mg/L	0.001096	274.31%
Sb 206.836†	-1.1	-0.00047	mg/L	0.001159	-0.00047	mg/L	0.001159	246.33%
Se 196.026†	3.1	0.00258	mg/L	0.003910	0.00258	mg/L	0.003910	151.43%
Si 288.158†	20.7	0.00965	mg/L	0.004445	0.00965	mg/L	0.004445	46.08%
Sn 189.927†	0.5	0.00012	mg/L	0.001071	0.00012	mg/L	0.001071	866.37%
Sr 421.552†	59.2	0.00007	mg/L	0.000072	0.00007	mg/L	0.000072	109.82%
Ti 334.903†	20.0	0.00065	mg/L	0.000594	0.00065	mg/L	0.000594	91.93%
Tl 190.801†	3.7	0.00250	mg/L	0.001820	0.00250	mg/L	0.001820	72.75%
V 292.402†	3.0	0.00003	mg/L	0.000196	0.00003	mg/L	0.000196	582.66%
Zn 206.200†	8.0	0.00189	mg/L	0.000963	0.00189	mg/L	0.000963	51.02%

Sequence No.: 9
Sample ID: PB45 A TWC
Analyst: BLW
Dilution: 1X

Autosampler Location: 305
Date Collected: 6/9/2009 11:46:53 AM
Data Type: Original

Nebulizer Parameters: PB45 A TWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB45 A TWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2163831.8	101.1	%	0.34				0.34%
ScR 361.383	541742.2	102.9	%	0.18				0.17%
Ag 328.068†	-70.5	-0.00014	mg/L	0.000069	-0.00014	mg/L	0.000069	48.05%
Al 308.215†	1116.1	0.6128	mg/L	0.00296	0.6128	mg/L	0.00296	0.48%
As 188.979†	10.6	0.00688	mg/L	0.003126	0.00688	mg/L	0.003126	45.46%
B 249.677†	4426.8	0.4052	mg/L	0.00552	0.4052	mg/L	0.00552	1.36%
Ba 233.527†	19.3	0.00111	mg/L	0.000452	0.00111	mg/L	0.000452	40.68%
Be 313.042†	1933.0	-0.00026	mg/L	0.000056	-0.00026	mg/L	0.000056	21.30%
Ca 317.933†	92070.6	7.403	mg/L	0.0351	7.403	mg/L	0.0351	0.47%
Cd 228.802†	3.3	0.00010	mg/L	0.000120	0.00010	mg/L	0.000120	124.61%
Co 228.616†	40.1	0.00145	mg/L	0.000174	0.00145	mg/L	0.000174	11.99%
Cr 267.716†	91.4	0.00785	mg/L	0.000895	0.00785	mg/L	0.000895	11.40%
Cu 324.752†	13847.5	0.05478	mg/L	0.000269	0.05478	mg/L	0.000269	0.49%
Fe 273.955†	589.1	0.3209	mg/L	0.00083	0.3209	mg/L	0.00083	0.26%
K 766.490†	156603.5	87.18	mg/L	0.108	87.18	mg/L	0.108	0.12%
Mg 279.077†	1664.4	1.317	mg/L	0.0103	1.317	mg/L	0.0103	0.78%
Mn 257.610†	6602.9	0.06765	mg/L	0.000320	0.06765	mg/L	0.000320	0.47%
Mo 202.031†	65.4	0.00442	mg/L	0.000324	0.00442	mg/L	0.000324	7.33%
Na 589.592†	1092817.6	76.21	mg/L	0.216	76.21	mg/L	0.216	0.28%
Na 330.237†	3568.1	76.49	mg/L	0.373	76.49	mg/L	0.373	0.49%
Ni 231.604†	120.0	0.02903	mg/L	0.001996	0.02903	mg/L	0.001996	6.88%
Pb 220.353†	25.0	0.00439	mg/L	0.000347	0.00439	mg/L	0.000347	7.91%
Sb 206.836†	-2.3	0.00207	mg/L	0.003094	0.00207	mg/L	0.003094	149.12%
Se 196.026†	5.6	0.00464	mg/L	0.002675	0.00464	mg/L	0.002675	57.66%
Si 288.158†	5438.1	2.531	mg/L	0.0154	2.531	mg/L	0.0154	0.61%
Sn 189.927†	-3.3	-0.00060	mg/L	0.000925	-0.00060	mg/L	0.000925	155.37%
Sr 421.552†	17833.9	0.01972	mg/L	0.000119	0.01972	mg/L	0.000119	0.60%
Ti 334.903†	136.3	0.00280	mg/L	0.001878	0.00280	mg/L	0.001878	67.08%
Tl 190.801†	16.3	0.00748	mg/L	0.001525	0.00748	mg/L	0.001525	20.40%
V 292.402†	77607.5	0.8121	mg/L	0.00233	0.8121	mg/L	0.00233	0.29%
Zn 206.200†	171.2	0.04034	mg/L	0.000929	0.04034	mg/L	0.000929	2.30%

Sequence No.: 10
Sample ID: PB06 A SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 306
Date Collected: 6/9/2009 11:50:38 AM
Data Type: Original

Nebulizer Parameters: PB06 A SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB06 A SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2164213.0	101.1	%	0.19				0.19%
ScR 361.383	545080.2	103.5	%	0.24				0.24%
Ag 328.068†	-185.9	-0.00084	mg/L	0.000138	-0.00168	mg/L	0.000275	16.37%
Al 308.215†	231819.2	130.0	mg/L	0.34	260.0	mg/L	0.69	0.26%
As 188.979†	141.1	0.1308	mg/L	0.00277	0.2615	mg/L	0.00554	2.12%
B 249.677†	1135.2	0.1038	mg/L	0.00113	0.2076	mg/L	0.00226	1.09%
Ba 233.527†	3815.7	0.3201	mg/L	0.00076	0.6403	mg/L	0.00151	0.24%
Be 313.042†	2686.0	0.00200	mg/L	0.000030	0.00400	mg/L	0.000059	1.49%
Ca 317.933†	387141.8	31.13	mg/L	0.110	62.25	mg/L	0.219	0.35%
Cd 228.802†	51.6	0.00031	mg/L	0.000154	0.00061	mg/L	0.000309	50.54%
Co 228.616†	2165.3	0.06751	mg/L	0.000131	0.1350	mg/L	0.00026	0.19%
Cr 267.716†	3422.0	0.3095	mg/L	0.00150	0.6191	mg/L	0.00299	0.48%
Cu 324.752†	80502.8	0.3284	mg/L	0.00283	0.6569	mg/L	0.00565	0.86%
Fe 273.955†	293137.6	166.4	mg/L	0.76	332.7	mg/L	1.52	0.46%
K 766.490†	24195.6	13.47	mg/L	0.048	26.94	mg/L	0.095	0.35%
Mg 279.077†	77385.0	61.20	mg/L	0.116	122.4	mg/L	0.23	0.19%
Mn 257.610†	191297.3	1.959	mg/L	0.0081	3.917	mg/L	0.0163	0.42%
Mo 202.031†	90.2	0.00587	mg/L	0.000013	0.01175	mg/L	0.000026	0.22%
Na 589.592†	428269.6	29.87	mg/L	0.056	59.73	mg/L	0.111	0.19%
Na 330.237†	1399.8	30.76	mg/L	0.121	61.52	mg/L	0.242	0.39%
Ni 231.604†	1050.7	0.2540	mg/L	0.00105	0.5081	mg/L	0.00210	0.41%
Pb 220.353†	268.4	0.05829	mg/L	0.000971	0.1166	mg/L	0.00194	1.67%
Sb 206.836†	44.2	0.01673	mg/L	0.001735	0.03346	mg/L	0.003470	10.37%
Se 196.026†	-19.3	0.00181	mg/L	0.003913	0.00361	mg/L	0.007826	216.70%
Si 288.158†	4795.6	2.232	mg/L	0.0049	4.465	mg/L	0.0097	0.22%
Sn 189.927†	-13.7	0.00019	mg/L	0.000654	0.00037	mg/L	0.001307	350.42%
Sr 421.552†	240505.3	0.2659	mg/L	0.00020	0.5318	mg/L	0.00039	0.07%
Ti 334.903†	190584.7	6.169	mg/L	0.0400	12.34	mg/L	0.080	0.65%
Tl 190.801†	-7.9	0.01496	mg/L	0.004608	0.02993	mg/L	0.009216	30.80%
V 292.402†	36485.7	0.3725	mg/L	0.00363	0.7449	mg/L	0.00726	0.97%
Zn 206.200†	1916.8	0.4526	mg/L	0.00088	0.9051	mg/L	0.00177	0.20%

Sequence No.: 11
Sample ID: PB06 C SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 307
Date Collected: 6/9/2009 11:54:08 AM
Data Type: Original

Nebulizer Parameters: PB06 C SWC

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: PB06 C SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2140293.0	100.0	%	0.15				0.15%
ScR 361.383	540349.5	102.6	%	1.63				1.58%
Ag 328.068†	-161.2	-0.00072	mg/L	0.000314	-0.00144	mg/L	0.000627	43.69%
Al 308.215†	240544.2	134.9	mg/L	1.00	269.7	mg/L	1.99	0.74%
As 188.979†	131.7	0.1159	mg/L	0.00736	0.2318	mg/L	0.01472	6.35%
B 249.677†	1256.0	0.1148	mg/L	0.00191	0.2297	mg/L	0.00382	1.66%
Ba 233.527†	3932.2	0.3306	mg/L	0.00505	0.6612	mg/L	0.01010	1.53%
Be 313.042†	2811.0	0.00210	mg/L	0.000089	0.00420	mg/L	0.000179	4.26%
Ca 317.933†	435628.4	35.03	mg/L	0.258	70.05	mg/L	0.517	0.74%
Cd 228.802†	48.0	0.00028	mg/L	0.000090	0.00056	mg/L	0.000180	31.99%
Co 228.616†	2234.5	0.06917	mg/L	0.000196	0.1383	mg/L	0.00039	0.28%
Cr 267.716†	3441.0	0.3108	mg/L	0.00417	0.6215	mg/L	0.00834	1.34%
Cu 324.752†	82577.5	0.3360	mg/L	0.00190	0.6721	mg/L	0.00380	0.57%
Fe 273.955†	281255.2	159.6	mg/L	1.93	319.2	mg/L	3.86	1.21%
K 766.490†	25419.0	14.15	mg/L	0.110	28.30	mg/L	0.219	0.77%
Mg 279.077†	78188.4	61.84	mg/L	0.435	123.7	mg/L	0.87	0.70%
Mn 257.610†	196064.3	2.008	mg/L	0.0149	4.015	mg/L	0.0298	0.74%
Mo 202.031†	87.8	0.00567	mg/L	0.000249	0.01133	mg/L	0.000498	4.40%
Na 589.592†	443834.5	30.95	mg/L	0.186	61.90	mg/L	0.372	0.60%
Na 330.237†	1453.4	31.95	mg/L	0.661	63.90	mg/L	1.321	2.07%
Ni 231.604†	1042.3	0.2520	mg/L	0.00393	0.5040	mg/L	0.00787	1.56%
Pb 220.353†	255.3	0.05764	mg/L	0.001686	0.1153	mg/L	0.00337	2.93%
Sb 206.836†	54.1	0.02113	mg/L	0.001578	0.04227	mg/L	0.003155	7.47%
Se 196.026†	-17.6	0.00229	mg/L	0.009390	0.00458	mg/L	0.018779	410.33%
Si 288.158†	5648.7	2.629	mg/L	0.0469	5.259	mg/L	0.0939	1.79%
Sn 189.927†	-14.4	0.00034	mg/L	0.000679	0.00068	mg/L	0.001358	199.88%
Sr 421.552†	247899.3	0.2741	mg/L	0.00180	0.5482	mg/L	0.00360	0.66%
Ti 334.903†	204907.5	6.633	mg/L	0.0558	13.27	mg/L	0.112	0.84%
Tl 190.801†	-3.0	0.01693	mg/L	0.004041	0.03385	mg/L	0.008081	23.87%
V 292.402†	37976.6	0.3881	mg/L	0.00095	0.7763	mg/L	0.00191	0.25%
Zn 206.200†	1977.4	0.4668	mg/L	0.00665	0.9337	mg/L	0.01331	1.43%

Sequence No.: 12
Sample ID: PB06 I SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 308
Date Collected: 6/9/2009 11:57:38 AM
Data Type: Original

Nebulizer Parameters: PB06 I SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB06 I SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2132124.6	99.65	%	0.479				0.48%
ScR 361.383	539888.4	102.5	%	1.26				1.23%
Ag 328.068†	-122.8	-0.00054	mg/L	0.000162	-0.00108	mg/L	0.000324	29.85%
Al 308.215†	188591.5	105.7	mg/L	0.51	211.5	mg/L	1.03	0.49%
As 188.979†	108.5	0.09152	mg/L	0.009134	0.1830	mg/L	0.01827	9.98%
B 249.677†	718.7	0.06569	mg/L	0.000742	0.1314	mg/L	0.00148	1.13%
Ba 233.527†	2961.8	0.2487	mg/L	0.00203	0.4974	mg/L	0.00406	0.82%
Be 313.042†	2236.9	0.00164	mg/L	0.000049	0.00329	mg/L	0.000098	2.97%
Ca 317.933†	412262.5	33.15	mg/L	0.230	66.29	mg/L	0.459	0.69%
Cd 228.802†	41.1	0.00039	mg/L	0.000239	0.00079	mg/L	0.000477	60.76%
Co 228.616†	1763.2	0.05324	mg/L	0.000411	0.1065	mg/L	0.00082	0.77%
Cr 267.716†	2887.7	0.2604	mg/L	0.00247	0.5208	mg/L	0.00493	0.95%
Cu 324.752†	66546.3	0.2704	mg/L	0.00193	0.5409	mg/L	0.00386	0.71%
Fe 273.955†	221925.0	125.9	mg/L	0.82	251.9	mg/L	1.64	0.65%
K 766.490†	17890.1	9.960	mg/L	0.0534	19.92	mg/L	0.107	0.54%
Mg 279.077†	64793.5	51.25	mg/L	0.294	102.5	mg/L	0.59	0.57%
Mn 257.610†	148221.4	1.518	mg/L	0.0085	3.035	mg/L	0.0170	0.56%
Mo 202.031†	143.3	0.00951	mg/L	0.000110	0.01902	mg/L	0.000220	1.16%
Na 589.592†	247391.3	17.25	mg/L	0.083	34.51	mg/L	0.166	0.48%
Na 330.237†	810.8	18.07	mg/L	0.080	36.14	mg/L	0.160	0.44%
Ni 231.604†	846.7	0.2047	mg/L	0.00222	0.4094	mg/L	0.00443	1.08%
Pb 220.353†	492.5	0.09384	mg/L	0.001455	0.1877	mg/L	0.00291	1.55%
Sb 206.836†	41.9	0.01618	mg/L	0.003039	0.03237	mg/L	0.006078	18.78%
Se 196.026†	-10.2	0.00473	mg/L	0.004034	0.00947	mg/L	0.008068	85.22%
Si 288.158†	4018.5	1.871	mg/L	0.0280	3.741	mg/L	0.0561	1.50%
Sn 189.927†	3.4	0.00426	mg/L	0.000802	0.00852	mg/L	0.001605	18.83%
Sr 421.552†	219841.5	0.2431	mg/L	0.00079	0.4861	mg/L	0.00158	0.32%
Ti 334.903†	183996.5	5.955	mg/L	0.0610	11.91	mg/L	0.122	1.02%
Tl 190.801†	6.7	0.01900	mg/L	0.002708	0.03799	mg/L	0.005416	14.25%
V 292.402†	31035.3	0.3171	mg/L	0.00272	0.6343	mg/L	0.00544	0.86%
Zn 206.200†	1688.7	0.3986	mg/L	0.00251	0.7973	mg/L	0.00501	0.63%

Sequence No.: 13
Sample ID: PB06 GDUP SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 309
Date Collected: 6/9/2009 12:01:08 PM
Data Type: Original

Nebulizer Parameters: PB06 GDUP SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB06 GDUP SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2123529.9	99.25	%	0.185				0.19%
ScR 361.383	535218.9	101.6	%	0.80				0.79%
Ag 328.068†	-203.2	-0.00092	mg/L	0.000148	-0.00185	mg/L	0.000297	16.06%
Al 308.215†	198324.7	111.2	mg/L	0.55	222.4	mg/L	1.11	0.50%
As 188.979†	122.7	0.09642	mg/L	0.004840	0.1928	mg/L	0.00968	5.02%
B 249.677†	736.1	0.06727	mg/L	0.001492	0.1345	mg/L	0.00298	2.22%
Ba 233.527†	3018.6	0.2524	mg/L	0.00302	0.5048	mg/L	0.00604	1.20%
Be 313.042†	2230.4	0.00154	mg/L	0.000029	0.00309	mg/L	0.000059	1.90%
Ca 317.933†	607046.1	48.81	mg/L	0.300	97.61	mg/L	0.599	0.61%
Cd 228.802†	34.6	-0.00022	mg/L	0.000312	-0.00045	mg/L	0.000624	140.10%
Co 228.616†	1915.2	0.05897	mg/L	0.000266	0.1179	mg/L	0.00053	0.45%
Cr 267.716†	2781.4	0.2518	mg/L 26%	0.00266	0.5036	mg/L	0.00533	1.06%
Cu 324.752†	59830.0	0.2455	mg/L 22%	0.00251	0.4910	mg/L	0.00501	1.02%
Fe 273.955†	262096.2	148.7	mg/L	1.06	297.5	mg/L	2.12	0.71%
K 766.490†	15765.8	8.777	mg/L	0.0678	17.55	mg/L	0.136	0.77%
Mg 279.077†	71637.8	56.66	mg/L	0.330	113.3	mg/L	0.66	0.58%
Mn 257.610†	181382.7	1.857	mg/L	0.0075	3.715	mg/L	0.0150	0.40%
Mo 202.031†	121.8	0.00786	mg/L	0.000218	0.01572	mg/L	0.000435	2.77%
Na 589.592†	238267.9	16.62	mg/L	0.077	33.23	mg/L	0.154	0.46%
Na 330.237†	799.8	17.51	mg/L	0.256	35.01	mg/L	0.512	1.46%
Ni 231.604†	794.8	0.1922	mg/L	0.00197	0.3843	mg/L	0.00394	1.03%
Pb 220.353†	309.2	0.06321	mg/L	0.001734	0.1264	mg/L	0.00347	2.74%
Sb 206.836†	52.2	0.02093	mg/L	0.001925	0.04187	mg/L	0.003850	9.20%
Se 196.026†	-18.1	0.00076	mg/L	0.008633	0.00151	mg/L	0.017265	>999.9%
Si 288.158†	5352.4	2.491	mg/L	0.0278	4.983	mg/L	0.0556	1.12%
Sn 189.927†	-18.8	-0.00069	mg/L	0.000844	-0.00139	mg/L	0.001687	121.53%
Sr 421.552†	266981.2	0.2952	mg/L	0.00171	0.5904	mg/L	0.00343	0.58%
Ti 334.903†	180998.3	5.855	mg/L	0.0344	11.71	mg/L	0.069	0.59%
Tl 190.801†	6.4	0.02077	mg/L	0.002337	0.04155	mg/L	0.004673	11.25%
V 292.402†	33810.9	0.3452	mg/L	0.00330	0.6904	mg/L	0.00659	0.95%
Zn 206.200†	2902.5	0.6852	mg/L 52%	0.00730	1.370	mg/L	0.0146	1.07%

Sequence No.: 14 **Autosampler Location: 310**
Sample ID: PB06 G SWC **Date Collected: 6/9/2009 12:04:38 PM**
Analyst: BLW **Data Type: Original**
Dilution: 2X

Nebulizer Parameters: PB06 G SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB06 G SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
ScA 357.253	2129889.4	99.54	%	0.592				0.60%
ScR 361.383	537373.6	102.0	%	0.56				0.54%
Ag 328.068†	-189.0	-0.00086	mg/L	0.000185	-0.00173	mg/L	0.000371	21.49%
Al 308.215†	176590.0	99.01	mg/L	0.257	198.0	mg/L	0.51	0.26%
As 188.979†	104.1	0.08479	mg/L	0.002202	0.1696	mg/L	0.00440	2.60%
B 249.677†	579.0	0.05290	mg/L	0.000676	0.1058	mg/L	0.00135	1.28%
Ba 233.527†	3270.4	0.2752	mg/L	0.00034	0.5505	mg/L	0.00069	0.13%
Be 313.042†	1899.4	0.00131	mg/L	0.000017	0.00263	mg/L	0.000034	1.30%
Ca 317.933†	464233.9	37.33	mg/L	0.049	74.65	mg/L	0.098	0.13%
Cd 228.802†	32.0	-0.00010	mg/L	0.000110	-0.00020	mg/L	0.000220	109.59%
Co 228.616†	1598.8	0.04905	mg/L	0.000532	0.09810	mg/L	0.001065	1.09%
Cr 267.716†	2143.0	0.1943	mg/L	0.00017	0.3886	mg/L	0.00034	0.09%
Cu 324.752†	47626.3	0.1961	mg/L	0.00051	0.3922	mg/L	0.00102	0.26%
Fe 273.955†	228285.4	129.6	mg/L	0.39	259.1	mg/L	0.78	0.30%
K 766.490†	14366.0	7.998	mg/L	0.0161	16.00	mg/L	0.032	0.20%
Mg 279.077†	65648.8	51.92	mg/L	0.123	103.8	mg/L	0.25	0.24%
Mn 257.610†	174605.3	1.788	mg/L	0.0062	3.576	mg/L	0.0124	0.35%
Mo 202.031†	103.9	0.00675	mg/L	0.000366	0.01350	mg/L	0.000731	5.42%
Na 589.592†	198559.6	13.85	mg/L	0.033	27.69	mg/L	0.065	0.24%
Na 330.237†	654.9	14.47	mg/L	0.067	28.95	mg/L	0.133	0.46%
Ni 231.604†	694.7	0.1680	mg/L	0.00118	0.3359	mg/L	0.00235	0.70%
Pb 220.353†	216.6	0.04654	mg/L	0.000601	0.09308	mg/L	0.001203	1.29%
Sb 206.836†	42.3	0.01712	mg/L	0.002539	0.03424	mg/L	0.005077	14.83%
Se 196.026†	-11.4	0.00423	mg/L	0.002433	0.00846	mg/L	0.004866	57.53%
Si 288.158†	2420.4	1.127	mg/L	0.0029	2.253	mg/L	0.0058	0.26%
Sn 189.927†	-24.2	-0.00266	mg/L	0.000703	-0.00532	mg/L	0.001407	26.43%
Sr 421.552†	240433.7	0.2658	mg/L	0.00129	0.5317	mg/L	0.00258	0.49%
Ti 334.903†	153991.9	4.982	mg/L	0.0170	9.964	mg/L	0.0339	0.34%
Tl 190.801†	2.2	0.01630	mg/L	0.002489	0.03261	mg/L	0.004979	15.27%
V 292.402†	28813.6	0.2940	mg/L	0.00090	0.5880	mg/L	0.00181	0.31%
Zn 206.200†	1706.2	0.4027	mg/L	0.00140	0.8054	mg/L	0.00280	0.35%

Sequence No.: 15
Sample ID: PB06 GSPK SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 311
Date Collected: 6/9/2009 12:08:08 PM
Data Type: Original

Nebulizer Parameters: PB06 GSPK SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB06 GSPK SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2104908.9	98.38	%	0.497				0.50%
ScR 361.383	535124.7	101.6	%	1.77				1.74%
Ag 328.068†	100890.7	0.4909	mg/L	0.00294	0.9817	mg/L	0.00588	0.60%
Al 308.215†	191671.0	107.5	mg/L	0.87	214.9	mg/L	1.74	0.81%
As 188.979†	1800.4	2.082	mg/L	0.0214	4.165	mg/L	0.0427	1.03%
B 249.677†	590.7	0.05315	mg/L	0.001298	0.1063	mg/L	0.00260	2.44%
Ba 233.527†	25012.7	2.153	mg/L	0.0262	4.306	mg/L	0.0524	1.22%
Be 313.042†	407965.2	0.4847	mg/L	0.00353	0.9694	mg/L	0.00707	0.73%
Ca 317.933†	591995.1	47.60	mg/L	0.322	95.19	mg/L	0.645	0.68%
Cd 228.802†	9741.7	0.5051	mg/L	0.00098	1.010	mg/L	0.0020	0.19%
Co 228.616†	15224.5	0.5466	mg/L	0.00176	1.093	mg/L	0.0035	0.32%
Cr 267.716†	7903.5	0.7062	mg/L	0.00673	1.412	mg/L	0.0135	0.95%
Cu 324.752†	174817.3	0.7006	mg/L	0.00414	1.401	mg/L	0.0083	0.59%
Fe 273.955†	262376.2	148.9	mg/L	1.47	297.8	mg/L	2.94	0.99%
K 766.490†	30693.3	17.09	mg/L	0.157	34.17	mg/L	0.313	0.92%
Mg 279.077†	88927.7	70.34	mg/L	0.521	140.7	mg/L	1.04	0.74%
Mn 257.610†	242894.1	2.488	mg/L	0.0185	4.976	mg/L	0.0370	0.74%
Mo 202.031†	113.1	0.00728	mg/L	0.000437	0.01455	mg/L	0.000874	6.01%
Na 589.592†	365146.3	25.46	mg/L	0.210	50.93	mg/L	0.419	0.82%
Na 330.237†	1220.9	26.25	mg/L	0.358	52.50	mg/L	0.716	1.36%
Ni 231.604†	2751.2	0.6650	mg/L	0.00622	1.330	mg/L	0.0124	0.94%
Pb 220.353†	11807.3	1.972	mg/L	0.0040	3.943	mg/L	0.0081	0.20%
Sb 206.836†	1017.3	0.4419	mg/L	0.00391	0.8839	mg/L	0.00783	0.89%
Se 196.026†	2375.6	1.987	mg/L	0.0120	3.974	mg/L	0.0239	0.60%
Si 288.158†	2988.0	1.393	mg/L	0.0195	2.786	mg/L	0.0389	1.40%
Sn 189.927†	-12.7	0.00081	mg/L	0.001722	0.00161	mg/L	0.003443	213.69%
Sr 421.552†	674890.6	0.7462	mg/L	0.00685	1.492	mg/L	0.0137	0.92%
Ti 334.903†	152863.7	4.943	mg/L	0.0350	9.887	mg/L	0.0700	0.71%
Tl 190.801†	2786.0	1.915	mg/L	0.0109	3.829	mg/L	0.0218	0.57%
V 292.402†	75156.9	0.7802	mg/L	0.00514	1.560	mg/L	0.0103	0.66%
Zn 206.200†	4148.0	0.9799	mg/L	0.01164	1.960	mg/L	0.0233	1.19%

Sequence No.: 16 **Autosampler Location: 312**
Sample ID: PB06 GPOST SWC **Date Collected: 6/9/2009 12:11:26 PM**
Analyst: BLW **Data Type: Original**
Dilution: 2X

Nebulizer Parameters: PB06 GPOST SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB06 GPOST SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2113224.9	98.76	%	0.755				0.76%
ScR 361.383	527200.9	100.1	%	0.95				0.95%
Ag 328.068†	90599.2	0.4408	mg/L	0.00395	0.8816	mg/L	0.00789	0.90%
Al 308.215†	181742.6	101.9	mg/L	0.73	203.8	mg/L	1.46	0.72%
As 188.979†	1805.4	2.089	mg/L	0.0060	4.178	mg/L	0.0119	0.29%
B 249.677†	600.2	0.05404	mg/L	0.001451	0.1081	mg/L	0.00290	2.68%
Ba 233.527†	25912.7	2.232	mg/L	0.0177	4.464	mg/L	0.0354	0.79%
Be 313.042†	403037.0	0.4788	mg/L	0.00242	0.9577	mg/L	0.00484	0.51%
Ca 317.933†	586538.0	47.16	mg/L	0.221	94.32	mg/L	0.441	0.47%
Cd 228.802†	9592.4	0.4972	mg/L	0.00348	0.9944	mg/L	0.00695	0.70%
Co 228.616†	14903.7	0.5348	mg/L	0.00373	1.070	mg/L	0.0075	0.70%
Cr 267.716†	7787.6	0.6954	mg/L	0.00461	1.391	mg/L	0.0092	0.66%
Cu 324.752†	174087.4	0.6965	mg/L	0.00560	1.393	mg/L	0.0112	0.80%
Fe 273.955†	231003.5	131.1	mg/L	0.52	262.2	mg/L	1.04	0.40%
K 766.490†	31958.5	17.79	mg/L	0.065	35.58	mg/L	0.131	0.37%
Mg 279.077†	78428.8	62.04	mg/L	0.249	124.1	mg/L	0.50	0.40%
Mn 257.610†	221658.3	2.270	mg/L	0.0159	4.541	mg/L	0.0319	0.70%
Mo 202.031†	111.2	0.00715	mg/L	0.000380	0.01430	mg/L	0.000759	5.31%
Na 589.592†	342776.4	23.90	mg/L	0.104	47.81	mg/L	0.208	0.43%
Na 330.237†	1157.2	24.95	mg/L	0.211	49.89	mg/L	0.423	0.85%
Ni 231.604†	2617.7	0.6340	mg/L	0.00543	1.268	mg/L	0.0109	0.86%
Pb 220.353†	11617.5	1.940	mg/L	0.0116	3.881	mg/L	0.0231	0.60%
Sb 206.836†	4625.7	2.033	mg/L	0.0165	4.067	mg/L	0.0330	0.81%
Se 196.026†	2374.4	1.984	mg/L	0.0140	3.969	mg/L	0.0279	0.70%
Si 288.158†	2898.6	1.351	mg/L	0.0187	2.703	mg/L	0.0373	1.38%
Sn 189.927†	-32.2	-0.00245	mg/L	0.001667	-0.00489	mg/L	0.003335	68.18%
Sr 421.552†	674076.8	0.7453	mg/L	0.00299	1.491	mg/L	0.0060	0.40%
Ti 334.903†	155235.2	5.020	mg/L	0.0360	10.04	mg/L	0.072	0.72%
Tl 190.801†	2777.4	1.906	mg/L	0.0124	3.813	mg/L	0.0248	0.65%
V 292.402†	74287.2	0.7718	mg/L	0.00778	1.544	mg/L	0.0156	1.01%
Zn 206.200†	3727.3	0.8805	mg/L	0.00689	1.761	mg/L	0.0138	0.78%

Sequence No.: 17
Sample ID: PB45 MBSPK TWC
Analyst: BLW
Dilution: 1X

Autosampler Location: 313
Date Collected: 6/9/2009 12:14:44 PM
Data Type: Original

Nebulizer Parameters: PB45 MBSPK TWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB45 MBSPK TWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Calib. Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	2137963.8	99.92	%	0.670				0.67%
ScR 361.383	528859.3	100.4	%	0.62				0.62%
Ag 328.068†	109845.5	0.5344	mg/L	0.00525	0.5344	mg/L	0.00525	0.98%
Al 308.215†	3626.9	2.026	mg/L	0.0074	2.026	mg/L	0.0074	0.36%
As 188.979†	1755.2	2.068	mg/L	0.0035	2.068	mg/L	0.0035	0.17%
B 249.677†	24.0	0.00137	mg/L	0.000652	0.00137	mg/L	0.000652	47.69%
Ba 233.527†	22862.8	1.976	mg/L	0.0068	1.976	mg/L	0.0068	0.34%
Be 313.042†	412093.2	0.4905	mg/L	0.00059	0.4905	mg/L	0.00059	0.12%
Ca 317.933†	121337.4	9.756	mg/L	0.0136	9.756	mg/L	0.0136	0.14%
Cd 228.802†	9650.0	0.5016	mg/L	0.00302	0.5016	mg/L	0.00302	0.60%
Co 228.616†	13655.6	0.4986	mg/L	0.00055	0.4986	mg/L	0.00055	0.11%
Cr 267.716†	5653.6	0.5020	mg/L	0.00217	0.5020	mg/L	0.00217	0.43%
Cu 324.752†	124655.5	0.4933	mg/L	0.00296	0.4933	mg/L	0.00296	0.60%
Fe 273.955†	3460.5	1.956	mg/L	0.0084	1.956	mg/L	0.0084	0.43%
K 766.490†	17269.9	9.614	mg/L	0.0416	9.614	mg/L	0.0416	0.43%
Mg 279.077†	12633.2	10.00	mg/L	0.041	10.00	mg/L	0.041	0.41%
Mn 257,610†	46874.3	0.4806	mg/L	0.00195	0.4806	mg/L	0.00195	0.40%
Mo 202.031†	14.9	0.00092	mg/L	0.000488	0.00092	mg/L	0.000488	52.91%
Na 589.592†	142151.3	9.913	mg/L	0.0584	9.913	mg/L	0.0584	0.59%
Na 330.237†	498.8	10.39	mg/L	0.151	10.39	mg/L	0.151	1.46%
Ni 231.604†	1938.7	0.4683	mg/L	0.00147	0.4683	mg/L	0.00147	0.31%
Pb 220.353†	11738.1	1.950	mg/L	0.0036	1.950	mg/L	0.0036	0.18%
Sb 206.836†	14.5	0.00137	mg/L	0.000753	0.00137	mg/L	0.000753	55.12%
Se 196.026†	2446.0	2.030	mg/L	0.0141	2.030	mg/L	0.0141	0.69%
Si 288.158†	9.2	0.00646	mg/L	0.001989	0.00646	mg/L	0.001989	30.79%
Sn 189.927†	-11.1	-0.00234	mg/L	0.000609	-0.00234	mg/L	0.000609	26.03%
Sr 421.552†	434499.7	0.4804	mg/L	0.00318	0.4804	mg/L	0.00318	0.66%
Ti 334.903†	186.0	0.00385	mg/L	0.000211	0.00385	mg/L	0.000211	5.47%
Tl 190.801†	2988.6	2.036	mg/L	0.0107	2.036	mg/L	0.0107	0.52%
V 292.402†	48873.7	0.5134	mg/L	0.00453	0.5134	mg/L	0.00453	0.88%
Zn 206.200†	2016.5	0.4767	mg/L	0.00276	0.4767	mg/L	0.00276	0.58%

Sequence No.: 18
Sample ID: CV 2
Analyst: BLW
Dilution: 1X

Autosampler Location: 7
Date Collected: 6/9/2009 12:18:13 PM
Data Type: Original

Nebulizer Parameters: CV

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: CV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2127528.9	99.43	%	0.613				0.62%
ScR 361.383	532375.3	101.1	%	0.38				0.38%
Ag 328.068†	204448.2	0.9946	mg/L	0.00418	0.9946	mg/L	0.00418	0.42%
Al 308.215†	3636.7	2.006	mg/L	0.0286	2.006	mg/L	0.0286	1.42%
As 188.979†	1712.3	2.021	mg/L	0.0269	2.021	mg/L	0.0269	1.33%
B 249.677†	10742.2	0.9824	mg/L	0.00738	0.9824	mg/L	0.00738	0.75%
Ba 233.527†	11490.2	0.9924	mg/L	0.00997	0.9924	mg/L	0.00997	1.00%
Be 313.042†	825546.6	0.9827	mg/L	0.00813	0.9827	mg/L	0.00813	0.83%
Ca 317.933†	25889.9	2.082	mg/L	0.0123	2.082	mg/L	0.0123	0.59%
Cd 228.802†	19374.1	1.024	mg/L	0.0078	1.024	mg/L	0.0078	0.76%
Co 228.616†	27862.7	1.016	mg/L	0.0086	1.016	mg/L	0.0086	0.85%
Cr 267.716†	11244.3	0.9992	mg/L	0.00624	0.9992	mg/L	0.00624	0.62%
Cu 324.752†	256381.9	1.014	mg/L	0.0043	1.014	mg/L	0.0043	0.42%
Fe 273.955†	3455.2	1.946	mg/L	0.0251	1.946	mg/L	0.0251	1.29%
K 766.490†	34609.0	19.27	mg/L	0.121	19.27	mg/L	0.121	0.63%
Mg 279.077†	2548.3	2.022	mg/L	0.0184	2.022	mg/L	0.0184	0.91%
Mn 257.610†	94402.4	0.9677	mg/L	0.00462	0.9677	mg/L	0.00462	0.48%
Mo 202.031†	14467.1	0.9964	mg/L	0.00930	0.9964	mg/L	0.00930	0.93%
Na 589.592†	712414.2	49.68	mg/L	0.291	49.68	mg/L	0.291	0.59%
Na 330.237†	2357.3	50.37	mg/L	0.857	50.37	mg/L	0.857	1.70%
Ni 231.604†	3963.0	0.9594	mg/L	0.01548	0.9594	mg/L	0.01548	1.61%
Pb 220.353†	12010.7	1.995	mg/L	0.0183	1.995	mg/L	0.0183	0.92%
Sb 206.836†	4544.3	2.005	mg/L	0.0187	2.005	mg/L	0.0187	0.93%
Se 196.026†	2414.9	2.005	mg/L	0.0157	2.005	mg/L	0.0157	0.78%
Si 288.158†	4335.0	2.024	mg/L	0.0159	2.024	mg/L	0.0159	0.78%
Sn 189.927†	4189.2	1.007	mg/L	0.0083	1.007	mg/L	0.0083	0.83%
Sr 421.552†	928853.5	1.027	mg/L	0.0071	1.027	mg/L	0.0071	0.69%
Ti 334.903†	30946.9	0.9998	mg/L	0.00586	0.9998	mg/L	0.00586	0.59%
Tl 190.801†	2973.5	2.024	mg/L	0.0208	2.024	mg/L	0.0208	1.03%
V 292.402†	95298.1	1.001	mg/L	0.0023	1.001	mg/L	0.0023	0.23%
Zn 206.200†	4153.1	0.9816	mg/L	0.01058	0.9816	mg/L	0.01058	1.08%

Sequence No.: 19
Sample ID: CB 2
Analyst: BLW
Dilution: 1X

Autosampler Location: 1
Date Collected: 6/9/2009 12:20:46 PM
Data Type: Original

Nebulizer Parameters: CB

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: CB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2137300.0	99.89	%	0.437				0.44%
ScR 361.383	530889.4	100.8	%	1.87				1.85%
Ag 328.068†	36.1	0.00018	mg/L	0.000091	0.00018	mg/L	0.000091	51.88%
Al 308.215†	34.6	0.01936	mg/L	0.004711	0.01936	mg/L	0.004711	24.33%
As 188.979†	-6.1	-0.00721	mg/L	0.006162	-0.00721	mg/L	0.006162	85.43%
B 249.677†	30.4	0.00278	mg/L	0.000229	0.00278	mg/L	0.000229	8.22%
Ba 233.527†	-1.4	-0.00012	mg/L	0.000267	-0.00012	mg/L	0.000267	221.29%
Be 313.042†	99.7	0.00012	mg/L	0.000010	0.00012	mg/L	0.000010	8.07%
Ca 317.933†	25.5	0.00205	mg/L	0.003058	0.00205	mg/L	0.003058	149.19%
Cd 228.802†	9.8	0.00058	mg/L	0.000256	0.00058	mg/L	0.000256	44.02%
Co 228.616†	0.9	0.00003	mg/L	0.000283	0.00003	mg/L	0.000283	865.67%
Cr 267.716†	6.7	0.00059	mg/L	0.000504	0.00059	mg/L	0.000504	85.09%
Cu 324.752†	275.5	0.00109	mg/L	0.000197	0.00109	mg/L	0.000197	18.10%
Fe 273.955†	8.9	0.00503	mg/L	0.001947	0.00503	mg/L	0.001947	38.69%
K 766.490†	33.7	0.01875	mg/L	0.016090	0.01875	mg/L	0.016090	85.81%
Mg 279.077†	-5.7	-0.00454	mg/L	0.002484	-0.00454	mg/L	0.002484	54.68%
Mn 257.610†	9.4	0.00010	mg/L	0.000112	0.00010	mg/L	0.000112	115.55%
Mo 202.031†	2.7	0.00019	mg/L	0.000446	0.00019	mg/L	0.000446	235.77%
Na 589.592†	115.7	0.00807	mg/L	0.004318	0.00807	mg/L	0.004318	53.51%
Na 330.237†	-4.2	-0.09029	mg/L	0.591187	-0.09029	mg/L	0.591187	654.77%
Ni 231.604†	-2.7	-0.00066	mg/L	0.000262	-0.00066	mg/L	0.000262	39.93%
Pb 220.353†	7.9	0.00131	mg/L	0.000810	0.00131	mg/L	0.000810	61.93%
Sb 206.836†	4.1	0.00178	mg/L	0.002384	0.00178	mg/L	0.002384	133.88%
Se 196.026†	-1.4	-0.00118	mg/L	0.001644	-0.00118	mg/L	0.001644	138.79%
Si 288.158†	-1.1	-0.00051	mg/L	0.001668	-0.00051	mg/L	0.001668	326.42%
Sn 189.927†	0.4	0.00009	mg/L	0.000022	0.00009	mg/L	0.000022	23.90%
Sr 421.552†	112.8	0.00012	mg/L	0.000046	0.00012	mg/L	0.000046	36.87%
Ti 334.903†	12.3	0.00040	mg/L	0.000216	0.00040	mg/L	0.000216	54.55%
Tl 190.801†	5.8	0.00396	mg/L	0.001682	0.00396	mg/L	0.001682	42.48%
V 292.402†	34.5	0.00036	mg/L	0.000301	0.00036	mg/L	0.000301	83.09%
Zn 206.200†	6.4	0.00152	mg/L	0.000534	0.00152	mg/L	0.000534	35.24%

Sequence No.: 20
Sample ID: PB06 MB1 SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 314
Date Collected: 6/9/2009 12:24:30 PM
Data Type: Original

Nebulizer Parameters: PB06 MB1 SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB06 MB1 SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Calib. Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	2193626.3	102.5	%	1.20				1.17%
ScR 361.383	545400.7	103.5	%	1.95				1.88%
Ag 328.068†	5.4	0.00003	mg/L	0.000116	0.00005	mg/L	0.000232	438.83%
Al 308.215†	539.0	0.3022	mg/L	0.00877	0.6044	mg/L	0.01755	2.90%
As 188.979†	-7.2	-0.00879	mg/L	0.004139	-0.01758	mg/L	0.008279	47.08%
B 249.677†	4.4	0.00041	mg/L	0.001139	0.00081	mg/L	0.002278	280.91%
Ba 233.527†	-7.8	-0.00067	mg/L	0.000248	-0.00135	mg/L	0.000496	36.79%
Be 313.042†	-16.3	-0.00002	mg/L	0.000034	-0.00004	mg/L	0.000069	175.60%
Ca 317.933†	3888.5	0.3126	mg/L	0.00326	0.6253	mg/L	0.00651	1.04%
Cd 228.802†	2.5	0.00020	mg/L	0.000031	0.00040	mg/L	0.000062	15.50%
Co 228.616†	4.6	0.00014	mg/L	0.000112	0.00029	mg/L	0.000224	77.52%
Cr 267.716†	13.2	0.00117	mg/L	0.000488	0.00234	mg/L	0.000976	41.74%
Cu 324.752†	91.8	0.00036	mg/L	0.000342	0.00072	mg/L	0.000685	95.17%
Fe 273.955†	4.5	0.00255	mg/L	0.000313	0.00509	mg/L	0.000626	12.30%
K 766.490†	32.2	0.01794	mg/L	0.018462	0.03589	mg/L	0.036925	102.88%
Mg 279.077†	91.5	0.07242	mg/L	0.007513	0.1448	mg/L	0.01503	10.37%
Mn 257.610†	1.4	0.00001	mg/L	0.000040	0.00002	mg/L	0.000080	351.42%
Mo 202.031†	3.2	0.00022	mg/L	0.000054	0.00043	mg/L	0.000107	24.76%
Na 589.592†	72.7	0.00507	mg/L	0.002662	0.01013	mg/L	0.005324	52.54%
Na 330.237†	5.8	0.1228	mg/L	0.14012	0.2455	mg/L	0.28024	114.15%
Ni 231.604†	-1.1	-0.00026	mg/L	0.000283	-0.00051	mg/L	0.000565	110.76%
Pb 220.353†	-0.0	0.00006	mg/L	0.001065	0.00013	mg/L	0.002129	>999.9%
Sb 206.836†	-0.7	-0.00030	mg/L	0.001581	-0.00060	mg/L	0.003163	526.73%
Se 196.026†	8.8	0.00733	mg/L	0.002648	0.01465	mg/L	0.005296	36.14%
Si 288.158†	44.6	0.02075	mg/L	0.002892	0.04149	mg/L	0.005785	13.94%
Sn 189.927†	3.7	0.00091	mg/L	0.000375	0.00181	mg/L	0.000751	41.39%
Sr 421.552†	174.5	0.00019	mg/L	0.000022	0.00039	mg/L	0.000044	11.49%
Ti 334.903†	365.5	0.01178	mg/L	0.000435	0.02355	mg/L	0.000869	3.69%
Tl 190.801†	4.1	0.00274	mg/L	0.002287	0.00548	mg/L	0.004574	83.41%
V 292.402†	1.3	0.00001	mg/L	0.000038	0.00002	mg/L	0.000075	307.54%
Zn 206.200†	14.0	0.00331	mg/L	0.000616	0.00662	mg/L	0.001232	18.61%

Sequence No.: 21
Sample ID: PB54 MB TWC
Analyst: BLW
Dilution: 1X

Autosampler Location: 315
Date Collected: 6/9/2009 12:28:15 PM
Data Type: Original

Nebulizer Parameters: PB54 MB TWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB54 MB TWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2146191.4	100.3	%	0.36				0.36%
ScR 361.383	523084.3	99.31	%	1.647				1.66%
Ag 328.068†	-2.9	-0.00001	mg/L	0.000260	-0.00001	mg/L	0.000260	>999.9%
Al 308.215†	28.8	0.01617	mg/L	0.000612	0.01617	mg/L	0.000612	3.78%
As 188.979†	-0.9	-0.00103	mg/L	0.004725	-0.00103	mg/L	0.004725	456.62%
B 249.677†	13.2	0.00121	mg/L	0.000573	0.00121	mg/L	0.000573	47.49%
Ba 233.527†	-2.0	-0.00018	mg/L	0.000073	-0.00018	mg/L	0.000073	41.10%
Be 313.042†	-59.6	-0.00007	mg/L	0.000069	-0.00007	mg/L	0.000069	96.31%
Ca 317.933†	43.0	0.00346	mg/L	0.001684	0.00346	mg/L	0.001684	48.71%
Cd 228.802†	4.9	0.00027	mg/L	0.000235	0.00027	mg/L	0.000235	87.07%
Co 228.616†	-7.1	-0.00026	mg/L	0.000111	-0.00026	mg/L	0.000111	42.59%
Cr 267.716†	-1.0	-0.00009	mg/L	0.000596	-0.00009	mg/L	0.000596	648.37%
Cu 324.752†	182.2	0.00072	mg/L	0.000172	0.00072	mg/L	0.000172	23.89%
Fe 273.955†	3.4	0.00194	mg/L	0.000708	0.00194	mg/L	0.000708	36.52%
K 766.490†	-49.6	-0.02760	mg/L	0.007277	-0.02760	mg/L	0.007277	26.36%
Mg 279.077†	-7.7	-0.00606	mg/L	0.006335	-0.00606	mg/L	0.006335	104.49%
Mn 257.610†	6.5	0.00007	mg/L	0.000056	0.00007	mg/L	0.000056	83.16%
Mo 202.031†	0.2	0.00001	mg/L	0.000121	0.00001	mg/L	0.000121	931.95%
Na 589.592†	276.6	0.01929	mg/L	0.005325	0.01929	mg/L	0.005325	27.60%
Na 330.237†	18.5	0.3967	mg/L	0.25902	0.3967	mg/L	0.25902	65.30%
Ni 231.604†	4.7	0.00115	mg/L	0.002025	0.00115	mg/L	0.002025	176.69%
Pb 220.353†	1.6	0.00026	mg/L	0.000840	0.00026	mg/L	0.000840	324.00%
Sb 206.836†	-0.8	-0.00036	mg/L	0.001536	-0.00036	mg/L	0.001536	422.49%
Se 196.026†	1.9	0.00159	mg/L	0.002265	0.00159	mg/L	0.002265	142.28%
Si 288.158†	15.0	0.00699	mg/L	0.002469	0.00699	mg/L	0.002469	35.34%
Sn 189.927†	1.0	0.00023	mg/L	0.000674	0.00023	mg/L	0.000674	290.74%
Sr 421.552†	48.6	0.00005	mg/L	0.000024	0.00005	mg/L	0.000024	45.25%
Ti 334.903†	21.4	0.00069	mg/L	0.000965	0.00069	mg/L	0.000965	139.34%
Tl 190.801†	3.9	0.00269	mg/L	0.001265	0.00269	mg/L	0.001265	46.97%
V 292.402†	-1.9	-0.00002	mg/L	0.000114	-0.00002	mg/L	0.000114	554.74%
Zn 206.200†	4.5	0.00107	mg/L	0.000997	0.00107	mg/L	0.000997	93.20%

Sequence No.: 22
Sample ID: TUBE TEST 1
Analyst: BLW
Dilution: 1X

Autosampler Location: 316
Date Collected: 6/9/2009 12:31:44 PM
Data Type: Original

Nebulizer Parameters: TUBE TEST 1

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: TUBE TEST 1

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2118594.9	99.02	%	0.491				0.50%
ScR 361.383	524868.1	99.65	%	0.576				0.58%
Ag 328.068†	-4.8	-0.00002	mg/L	0.000043	-0.00002	mg/L	0.000043	185.05%
Al 308.215†	27.5	0.01540	mg/L	0.005502	0.01540	mg/L	0.005502	35.72%
As 188.979†	-3.4	-0.00401	mg/L	0.002490	-0.00401	mg/L	0.002490	62.05%
B 249.677†	8.4	0.00077	mg/L	0.000871	0.00077	mg/L	0.000871	113.32%
Ba 233.527†	-7.1	-0.00061	mg/L	0.000503	-0.00061	mg/L	0.000503	81.91%
Be 313.042†	21.2	0.00003	mg/L	0.000025	0.00003	mg/L	0.000025	98.92%
Ca 317.933†	31.7	0.00255	mg/L	0.000992	0.00255	mg/L	0.000992	38.87%
Cd 228.802†	5.1	0.00030	mg/L	0.000095	0.00030	mg/L	0.000095	31.27%
Co 228.616†	-8.9	-0.00033	mg/L	0.000310	-0.00033	mg/L	0.000310	94.50%
Cr 267.716†	0.1	0.00001	mg/L	0.000196	0.00001	mg/L	0.000196	>999.9%
Cu 324.752†	190.5	0.00075	mg/L	0.000149	0.00075	mg/L	0.000149	19.83%
Fe 273.955†	0.9	0.00054	mg/L	0.001935	0.00054	mg/L	0.001935	360.41%
K 766.490†	2.6	0.00144	mg/L	0.015061	0.00144	mg/L	0.015061	>999.9%
Mg 279.077†	0.6	0.00050	mg/L	0.007198	0.00050	mg/L	0.007198	>999.9%
Mn 257.610†	7.3	0.00007	mg/L	0.000086	0.00007	mg/L	0.000086	115.03%
Mo 202.031†	0.2	0.00002	mg/L	0.000291	0.00002	mg/L	0.000291	>999.9%
Na 589.592†	31.9	0.00222	mg/L	0.001508	0.00222	mg/L	0.001508	67.86%
Na 330.237†	12.3	0.2643	mg/L	0.22785	0.2643	mg/L	0.22785	86.20%
Ni 231.604†	1.9	0.00045	mg/L	0.000988	0.00045	mg/L	0.000988	218.37%
Pb 220.353†	-3.9	-0.00064	mg/L	0.000217	-0.00064	mg/L	0.000217	34.08%
Sb 206.836†	-2.3	-0.00102	mg/L	0.002094	-0.00102	mg/L	0.002094	205.51%
Se 196.026†	1.2	0.00098	mg/L	0.002845	0.00098	mg/L	0.002845	289.42%
Si 288.158†	0.2	0.00009	mg/L	0.003570	0.00009	mg/L	0.003570	>999.9%
Sn 189.927†	-0.5	-0.00013	mg/L	0.000550	-0.00013	mg/L	0.000550	416.83%
Sr 421.552†	-7.0	-0.00001	mg/L	0.000021	-0.00001	mg/L	0.000021	265.07%
Ti 334.903†	29.9	0.00097	mg/L	0.000762	0.00097	mg/L	0.000762	78.58%
Tl 190.801†	4.5	0.00307	mg/L	0.002413	0.00307	mg/L	0.002413	78.70%
V 292.402†	-0.3	0.00000	mg/L	0.000119	0.00000	mg/L	0.000119	>999.9%
Zn 206.200†	0.5	0.00012	mg/L	0.001426	0.00012	mg/L	0.001426	>999.9%

Sequence No.: 23
Sample ID: TUBE TEST 2
Analyst: BLW
Dilution: 1X

Autosampler Location: 317
Date Collected: 6/9/2009 12:35:27 PM
Data Type: Original

Nebulizer Parameters: TUBE TEST 2

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: TUBE TEST 2

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2143449.8	100.2	%	0.43				0.43%
ScR 361.383	530404.6	100.7	%	1.28				1.27%
Ag 328.068†	-53.5	-0.00026	mg/L	0.000046	-0.00026	mg/L	0.000046	17.69%
Al 308.215†	27.6	0.01547	mg/L	0.000762	0.01547	mg/L	0.000762	4.93%
As 188.979†	-2.8	-0.00329	mg/L	0.002531	-0.00329	mg/L	0.002531	76.94%
B 249.677†	-1.6	-0.00014	mg/L	0.001027	-0.00014	mg/L	0.001027	722.45%
Ba 233.527†	-2.7	-0.00023	mg/L	0.000147	-0.00023	mg/L	0.000147	63.26%
Be 313.042†	-3.2	0.00000	mg/L	0.000056	0.00000	mg/L	0.000056	>999.9%
Ca 317.933†	14.0	0.00113	mg/L	0.000634	0.00113	mg/L	0.000634	56.30%
Cd 228.802†	4.2	0.00025	mg/L	0.000108	0.00025	mg/L	0.000108	42.68%
Co 228.616†	-6.0	-0.00022	mg/L	0.000038	-0.00022	mg/L	0.000038	17.09%
Cr 267.716†	-1.2	-0.00010	mg/L	0.000372	-0.00010	mg/L	0.000372	355.16%
Cu 324.752†	178.1	0.00070	mg/L	0.000041	0.00070	mg/L	0.000041	5.77%
Fe 273.955†	-2.8	-0.00159	mg/L	0.000357	-0.00159	mg/L	0.000357	22.45%
K 766.490†	-5.3	-0.00296	mg/L	0.019173	-0.00296	mg/L	0.019173	647.34%
Mg 279.077†	5.3	0.00419	mg/L	0.008070	0.00419	mg/L	0.008070	192.41%
Mn 257.610†	0.4	0.00000	mg/L	0.000090	0.00000	mg/L	0.000090	>999.9%
Mo 202.031†	-1.4	-0.00010	mg/L	0.000163	-0.00010	mg/L	0.000163	169.66%
Na 589.592†	2.0	0.00014	mg/L	0.001780	0.00014	mg/L	0.001780	>999.9%
Na 330.237†	12.0	0.2570	mg/L	0.33673	0.2570	mg/L	0.33673	131.03%
Ni 231.604†	-1.9	-0.00045	mg/L	0.002134	-0.00045	mg/L	0.002134	474.13%
Pb 220.353†	-6.2	-0.00103	mg/L	0.001059	-0.00103	mg/L	0.001059	102.83%
Sb 206.836†	-2.7	-0.00117	mg/L	0.001211	-0.00117	mg/L	0.001211	103.48%
Se 196.026†	3.0	0.00252	mg/L	0.001781	0.00252	mg/L	0.001781	70.80%
Si 288.158†	-11.1	-0.00519	mg/L	0.002763	-0.00519	mg/L	0.002763	53.26%
Sn 189.927†	-0.4	-0.00010	mg/L	0.000604	-0.00010	mg/L	0.000604	600.54%
Sr 421.552†	10.0	0.00001	mg/L	0.000049	0.00001	mg/L	0.000049	444.08%
Ti 334.903†	30.6	0.00099	mg/L	0.000437	0.00099	mg/L	0.000437	44.16%
Tl 190.801†	4.9	0.00332	mg/L	0.001631	0.00332	mg/L	0.001631	49.14%
V 292.402†	-4.4	-0.00005	mg/L	0.000137	-0.00005	mg/L	0.000137	293.26%
Zn 206.200†	3.3	0.00077	mg/L	0.001410	0.00077	mg/L	0.001410	183.43%

Sequence No.: 24
Sample ID: TUBE TEST 3
Analyst: BLW
Dilution: 1X

Autosampler Location: 318
Date Collected: 6/9/2009 12:39:10 PM
Data Type: Original

Nebulizer Parameters: TUBE TEST 3

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: TUBE TEST 3

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2143564.8	100.2	%	0.30				0.29%
ScR 361.383	528935.2	100.4	%	0.82				0.82%
Ag 328.068†	-35.5	-0.00017	mg/L	0.000179	-0.00017	mg/L	0.000179	103.67%
Al 308.215†	20.3	0.01137	mg/L	0.003382	0.01137	mg/L	0.003382	29.73%
As 188.979†	-3.3	-0.00391	mg/L	0.006483	-0.00391	mg/L	0.006483	165.98%
B 249.677†	-2.4	-0.00022	mg/L	0.000287	-0.00022	mg/L	0.000287	132.61%
Ba 233.527†	-3.6	-0.00031	mg/L	0.000799	-0.00031	mg/L	0.000799	259.48%
Be 313.042†	6.3	0.00001	mg/L	0.000029	0.00001	mg/L	0.000029	391.33%
Ca 317.933†	33.1	0.00266	mg/L	0.000732	0.00266	mg/L	0.000732	27.54%
Cd 228.802†	7.2	0.00041	mg/L	0.000073	0.00041	mg/L	0.000073	17.68%
Co 228.616†	-3.7	-0.00014	mg/L	0.000219	-0.00014	mg/L	0.000219	159.90%
Cr 267.716†	5.9	0.00053	mg/L	0.000758	0.00053	mg/L	0.000758	143.81%
Cu 324.752†	152.7	0.00060	mg/L	0.000189	0.00060	mg/L	0.000189	31.37%
Fe 273.955†	-1.5	-0.00084	mg/L	0.001873	-0.00084	mg/L	0.001873	221.86%
K 766.490†	17.1	0.00953	mg/L	0.025171	0.00953	mg/L	0.025171	264.09%
Mg 279.077†	-0.4	-0.00029	mg/L	0.003558	-0.00029	mg/L	0.003558	>999.9%
Mn 257.610†	1.8	0.00002	mg/L	0.000082	0.00002	mg/L	0.000082	449.06%
Mo 202.031†	-5.0	-0.00034	mg/L	0.000060	-0.00034	mg/L	0.000060	17.36%
Na 589.592†	22.8	0.00159	mg/L	0.001732	0.00159	mg/L	0.001732	109.09%
Na 330.237†	-8.9	-0.1916	mg/L	0.13564	-0.1916	mg/L	0.13564	70.78%
Ni 231.604†	1.7	0.00040	mg/L	0.001027	0.00040	mg/L	0.001027	257.34%
Pb 220.353†	-1.4	-0.00023	mg/L	0.000603	-0.00023	mg/L	0.000603	257.63%
Sb 206.836†	-7.7	-0.00339	mg/L	0.002108	-0.00339	mg/L	0.002108	62.13%
Se 196.026†	1.0	0.00085	mg/L	0.002294	0.00085	mg/L	0.002294	268.92%
Si 288.158†	-6.2	-0.00291	mg/L	0.004200	-0.00291	mg/L	0.004200	144.51%
Sn 189.927†	-2.0	-0.00049	mg/L	0.000814	-0.00049	mg/L	0.000814	165.37%
Sr 421.552†	-8.2	-0.00001	mg/L	0.000039	-0.00001	mg/L	0.000039	429.33%
Ti 334.903†	10.8	0.00035	mg/L	0.000476	0.00035	mg/L	0.000476	136.51%
Tl 190.801†	2.6	0.00174	mg/L	0.000916	0.00174	mg/L	0.000916	52.52%
V 292.402†	2.1	0.00002	mg/L	0.000131	0.00002	mg/L	0.000131	555.06%
Zn 206.200†	-0.0	-0.00001	mg/L	0.000984	-0.00001	mg/L	0.000984	>999.9%

Sequence No.: 25
Sample ID: PB54 C TWC
Analyst: BLW
Dilution: 1X

Autosampler Location: 319
Date Collected: 6/9/2009 12:42:53 PM
Data Type: Original

Nebulizer Parameters: PB54 C TWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB54 C TWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2072069.5	96.84	%	0.334				0.35%
ScR 361.383	531997.7	101.0	%	1.73				1.71%
Ag 328.068†	10.9	0.00003	mg/L	0.000234	0.00003	mg/L	0.000234	713.75%
Al 308.215†	6337.8	3.553	mg/L	0.0456	3.553	mg/L	0.0456	1.28%
As 188.979†	7.6	0.00654	mg/L	0.002155	0.00654	mg/L	0.002155	32.95%
B 249.677†	1099.5	0.1007	mg/L	0.00176	0.1007	mg/L	0.00176	1.75%
Ba 233.527†	371.3	0.03206	mg/L	0.000363	0.03206	mg/L	0.000363	1.13%
Be 313.042†	71.8	0.00004	mg/L	0.000038	0.00004	mg/L	0.000038	86.87%
Ca 317.933†	40293.8	3.240	mg/L	0.0245	3.240	mg/L	0.0245	0.76%
Cd 228.802†	42.3	0.00223	mg/L	0.000147	0.00223	mg/L	0.000147	6.59%
Co 228.616†	255.3	0.00931	mg/L	0.000111	0.00931	mg/L	0.000111	1.19%
Cr 267.716†	70.6	0.00624	mg/L	0.000555	0.00624	mg/L	0.000555	8.90%
Cu 324.752†	56072.5	0.2218	mg/L	0.00097	0.2218	mg/L	0.00097	0.44%
Fe 273.955†	1115.5	0.6329	mg/L	0.00735	0.6329	mg/L	0.00735	1.16%
K 766.490†	11586.8	6.450	mg/L	0.0209	6.450	mg/L	0.0209	0.32%
Mg 279.077†	1036.7	0.8203	mg/L	0.01224	0.8203	mg/L	0.01224	1.49%
Mn 257.610†	6395.9	0.06551	mg/L	0.000944	0.06551	mg/L	0.000944	1.44%
Mo 202.031†	427.5	0.02941	mg/L	0.000375	0.02941	mg/L	0.000375	1.27%
Na 589.592†	3953660.1	275.7	mg/L	1.28	275.7	mg/L	1.28	0.47%
Na 330.237†	12809.9	274.8	mg/L	1.47	274.8	mg/L	1.47	0.54%
Ni 231.604†	88.3	0.02136	mg/L	0.002069	0.02136	mg/L	0.002069	9.69%
Pb 220.353†	170.6	0.02875	mg/L	0.000590	0.02875	mg/L	0.000590	2.05%
Sb 206.836†	19.5	0.00861	mg/L	0.002014	0.00861	mg/L	0.002014	23.40%
Se 196.026†	2.3	0.00197	mg/L	0.004391	0.00197	mg/L	0.004391	223.07%
Si 288.158†	4053.0	1.887	mg/L	0.0138	1.887	mg/L	0.0138	0.73%
Sn 189.927†	20.6	0.00503	mg/L	0.000443	0.00503	mg/L	0.000443	8.81%
Sr 421.552†	14856.3	0.01643	mg/L	0.000045	0.01643	mg/L	0.000045	0.27%
Ti 334.903†	486.7	0.01499	mg/L	0.000448	0.01499	mg/L	0.000448	2.99%
Tl 190.801†	6.4	0.00416	mg/L	0.000584	0.00416	mg/L	0.000584	14.04%
V 292.402†	1255.4	0.01315	mg/L	0.000111	0.01315	mg/L	0.000111	0.84%
Zn 206.200†	1276.2	0.3015	mg/L	0.00372	0.3015	mg/L	0.00372	1.23%

Sequence No.: 26
Sample ID: PB06 K SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 320
Date Collected: 6/9/2009 12:46:40 PM
Data Type: Original

Nebulizer Parameters: PB06 K SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB06 K SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2155734.1	100.8	%	0.70				0.70%
ScR 361.383	542081.7	102.9	%	1.52				1.48%
Ag 328.068†	-149.6	-0.00067	mg/L	0.000190	-0.00134	mg/L	0.000380	28.34%
Al 308.215†	204499.6	114.7	mg/L	1.01	229.3	mg/L	2.01	0.88%
As 188.979†	118.8	0.1074	mg/L	0.00161	0.2147	mg/L	0.00323	1.50%
B 249.677†	995.7	0.09103	mg/L	0.000907	0.1821	mg/L	0.00181	1.00%
Ba 233.527†	3441.9	0.2891	mg/L	0.00463	0.5783	mg/L	0.00926	1.60%
Be 313.042†	2471.8	0.00186	mg/L	0.000053	0.00372	mg/L	0.000106	2.86%
Ca 317.933†	358929.4	28.86	mg/L	0.180	57.72	mg/L	0.360	0.62%
Cd 228.802†	50.5	0.00062	mg/L	0.000118	0.00125	mg/L	0.000235	18.83%
Co 228.616†	1974.0	0.06165	mg/L	0.000643	0.1233	mg/L	0.00129	1.04%
Cr 267.716†	3048.4	0.2755	mg/L	0.00412	0.5509	mg/L	0.00825	1.50%
Cu 324.752†	72742.5	0.2963	mg/L	0.00349	0.5926	mg/L	0.00697	1.18%
Fe 273.955†	253649.8	143.9	mg/L	0.53	287.9	mg/L	1.06	0.37%
K 766.490†	21202.1	11.80	mg/L	0.056	23.61	mg/L	0.111	0.47%
Mg 279.077†	69767.9	55.18	mg/L	0.285	110.4	mg/L	0.57	0.52%
Mn 257.610†	170648.9	1.747	mg/L	0.0152	3.495	mg/L	0.0304	0.87%
Mo 202.031†	101.5	0.00668	mg/L	0.000079	0.01336	mg/L	0.000158	1.19%
Na 589.592†	401208.4	27.98	mg/L	0.161	55.96	mg/L	0.321	0.57%
Na 330.237†	1306.7	28.69	mg/L	0.519	57.37	mg/L	1.038	1.81%
Ni 231.604†	950.9	0.2299	mg/L	0.00396	0.4598	mg/L	0.00792	1.72%
Pb 220.353†	217.6	0.04848	mg/L	0.000469	0.09697	mg/L	0.000937	0.97%
Sb 206.836†	41.7	0.01591	mg/L	0.005871	0.03183	mg/L	0.011742	36.89%
Se 196.026†	-11.4	0.00583	mg/L	0.006056	0.01166	mg/L	0.012112	103.92%
Si 288.158†	4366.4	2.033	mg/L	0.0201	4.065	mg/L	0.0403	0.99%
Sn 189.927†	-14.9	-0.00040	mg/L	0.001207	-0.00080	mg/L	0.002413	300.27%
Sr 421.552†	218251.4	0.2413	mg/L	0.00135	0.4826	mg/L	0.00269	0.56%
Ti 334.903†	172050.8	5.569	mg/L	0.0632	11.14	mg/L	0.126	1.13%
Tl 190.801†	-1.0	0.01672	mg/L	0.000256	0.03345	mg/L	0.000511	1.53%
V 292.402†	33010.8	0.3373	mg/L	0.00349	0.6745	mg/L	0.00699	1.04%
Zn 206.200†	1686.6	0.3982	mg/L	0.00507	0.7964	mg/L	0.01013	1.27%

Sequence No.: 27
Sample ID: PB06 M SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 321
Date Collected: 6/9/2009 12:50:10 PM
Data Type: Original

Nebulizer Parameters: PB06 M SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB06 M SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2172035.7	101.5	%	1.01				0.99%
ScR 361.383	538266.6	102.2	%	0.52				0.51%
Ag 328.068†	-150.4	-0.00066	mg/L	0.000379	-0.00133	mg/L	0.000758	57.00%
Al 308.215†	251658.1	141.1	mg/L	0.25	282.2	mg/L	0.50	0.18%
As 188.979†	130.1	0.1133	mg/L	0.00399	0.2265	mg/L	0.00798	3.52%
B 249.677†	1214.6	0.1110	mg/L	0.00049	0.2221	mg/L	0.00099	0.45%
Ba 233.527†	4009.8	0.3367	mg/L	0.00243	0.6734	mg/L	0.00486	0.72%
Be 313.042†	2975.9	0.00227	mg/L	0.000032	0.00453	mg/L	0.000063	1.39%
Ca 317.933†	443686.9	35.67	mg/L	0.219	71.35	mg/L	0.438	0.61%
Cd 228.802†	48.4	0.00024	mg/L	0.000131	0.00048	mg/L	0.000262	54.50%
Co 228.616†	2366.1	0.07387	mg/L	0.001219	0.1477	mg/L	0.00244	1.65%
Cr 267.716†	3697.4	0.3339	mg/L	0.00129	0.6678	mg/L	0.00258	0.39%
Cu 324.752†	86619.7	0.3527	mg/L	0.00402	0.7055	mg/L	0.00803	1.14%
Fe 273.955†	299909.8	170.2	mg/L	1.15	340.4	mg/L	2.29	0.67%
K 766.490†	25431.8	14.16	mg/L	0.028	28.32	mg/L	0.055	0.19%
Mg 279.077†	83925.2	66.38	mg/L	0.243	132.8	mg/L	0.49	0.37%
Mn 257.610†	211537.9	2.166	mg/L	0.0062	4.332	mg/L	0.0124	0.29%
Mo 202.031†	93.8	0.00608	mg/L	0.000205	0.01215	mg/L	0.000411	3.38%
Na 589.592†	452251.2	31.54	mg/L	0.019	63.08	mg/L	0.037	0.06%
Na 330.237†	1499.3	32.92	mg/L	0.153	65.85	mg/L	0.307	0.47%
Ni 231.604†	1132.6	0.2738	mg/L	0.00222	0.5477	mg/L	0.00444	0.81%
Pb 220.353†	271.7	0.06084	mg/L	0.000724	0.1217	mg/L	0.00145	1.19%
Sb 206.836†	60.4	0.02363	mg/L	0.003729	0.04726	mg/L	0.007458	15.78%
Se 196.026†	-12.6	0.00754	mg/L	0.003891	0.01508	mg/L	0.007781	51.60%
Si 288.158†	5220.0	2.430	mg/L	0.0167	4.860	mg/L	0.0333	0.69%
Sn 189.927†	-7.0	0.00216	mg/L	0.000806	0.00431	mg/L	0.001613	37.39%
Sr 421.552†	249767.0	0.2762	mg/L	0.00051	0.5523	mg/L	0.00102	0.19%
Ti 334.903†	206692.1	6.690	mg/L	0.0385	13.38	mg/L	0.077	0.57%
Tl 190.801†	-4.0	0.01769	mg/L	0.002623	0.03537	mg/L	0.005245	14.83%
V 292.402†	38914.9	0.3976	mg/L	0.00550	0.7951	mg/L	0.01101	1.38%
Zn 206.200†	2143.6	0.5061	mg/L	0.00282	1.012	mg/L	0.0056	0.56%

Sequence No.: 28
Sample ID: PB06 MB1SPK SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 322
Date Collected: 6/9/2009 12:53:40 PM
Data Type: Original

Nebulizer Parameters: PB06 MB1SPK SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB06 MB1SPK SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2161158.9	101.0	%	0.39				0.39%
ScR 361.383	537330.3	102.0	%	0.68				0.66%
Ag 328.068†	109255.6	0.5315	mg/L	0.00149	1.063	mg/L	0.0030	0.28%
Al 308.215†	3682.7	2.057	mg/L	0.0022	4.114	mg/L	0.0044	0.11%
As 188.979†	1742.2	2.052	mg/L	0.0118	4.105	mg/L	0.0236	0.58%
B 249.677†	17.5	0.00077	mg/L	0.000475	0.00155	mg/L	0.000949	61.25%
Ba 233.527†	22835.1	1.973	mg/L	0.0070	3.946	mg/L	0.0140	0.36%
Be 313.042†	415950.8	0.4951	mg/L	0.00130	0.9903	mg/L	0.00260	0.26%
Ca 317.933†	122105.1	9.817	mg/L	0.0307	19.63	mg/L	0.061	0.31%
Cd 228.802†	9539.2	0.4958	mg/L	0.00184	0.9915	mg/L	0.00368	0.37%
Co 228.616†	13605.1	0.4968	mg/L	0.00230	0.9935	mg/L	0.00460	0.46%
Cr 267.716†	5637.1	0.5005	mg/L	0.00167	1.001	mg/L	0.0033	0.33%
Cu 324.752†	123582.5	0.4890	mg/L	0.00180	0.9780	mg/L	0.00360	0.37%
Fe 273.955†	3410.4	1.928	mg/L	0.0075	3.856	mg/L	0.0151	0.39%
K 766.490†	17288.3	9.625	mg/L	0.0362	19.25	mg/L	0.072	0.38%
Mg 279.077†	12643.7	10.01	mg/L	0.024	20.02	mg/L	0.049	0.24%
Mn 257.610†	46743.8	0.4793	mg/L	0.00100	0.9586	mg/L	0.00201	0.21%
Mo 202.031†	15.9	0.00099	mg/L	0.000327	0.00198	mg/L	0.000655	32.99%
Na 589.592†	142407.9	9.931	mg/L	0.0188	19.86	mg/L	0.038	0.19%
Na 330.237†	499.1	10.40	mg/L	0.076	20.80	mg/L	0.152	0.73%
Ni 231.604†	1940.0	0.4702	mg/L	0.00425	0.9403	mg/L	0.00851	0.90%
Pb 220.353†	11716.2	1.946	mg/L	0.0211	3.892	mg/L	0.0422	1.08%
Sb 206.836†	4518.0	1.987	mg/L	0.0074	3.975	mg/L	0.0148	0.37%
Se 196.026†	2420.5	2.009	mg/L	0.0168	4.018	mg/L	0.0336	0.84%
Si 288.158†	19.7	0.01132	mg/L	0.004946	0.02263	mg/L	0.009891	43.71%
Sn 189.927†	-16.6	-0.00188	mg/L	0.000946	-0.00375	mg/L	0.001891	50.43%
Sr 421.552†	433359.7	0.4792	mg/L	0.00086	0.9583	mg/L	0.00172	0.18%
Ti 334.903†	301.2	0.00757	mg/L	0.000624	0.01515	mg/L	0.001249	8.24%
Tl 190.801†	2944.9	2.006	mg/L	0.0087	4.012	mg/L	0.0174	0.43%
V 292.402†	47754.8	0.5017	mg/L	0.00125	1.003	mg/L	0.0025	0.25%
Zn 206.200†	2029.5	0.4798	mg/L	0.00224	0.9596	mg/L	0.00449	0.47%

Sequence No.: 29
Sample ID: PB54 MBSPK TWC
Analyst: BLW
Dilution: 1X

Autosampler Location: 323
Date Collected: 6/9/2009 12:57:10 PM
Data Type: Original

Nebulizer Parameters: PB54 MBSPK TWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB54 MBSPK TWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2160582.1	101.0	%	0.91				0.90%
ScR 361.383	530547.4	100.7	%	0.33				0.33%
Ag 328.068†	108415.2	0.5274	mg/L	0.00425	0.5274	mg/L	0.00425	0.81%
Al 308.215†	3627.4	2.026	mg/L	0.0029	2.026	mg/L	0.0029	0.14%
As 188.979†	1759.1	2.072	mg/L	0.0290	2.072	mg/L	0.0290	1.40%
B 249.677†	15.6	0.00060	mg/L	0.000763	0.00060	mg/L	0.000763	127.47%
Ba 233.527†	23183.2	2.003	mg/L	0.0050	2.003	mg/L	0.0050	0.25%
Be 313.042†	416288.5	0.4955	mg/L	0.00290	0.4955	mg/L	0.00290	0.59%
Ca 317.933†	122813.6	9.874	mg/L	0.0560	9.874	mg/L	0.0560	0.57%
Cd 228.802†	9676.5	0.5030	mg/L	0.00453	0.5030	mg/L	0.00453	0.90%
Co 228.616†	13727.0	0.5012	mg/L	0.00409	0.5012	mg/L	0.00409	0.82%
Cr 267.716†	5727.0	0.5085	mg/L	0.00167	0.5085	mg/L	0.00167	0.33%
Cu 324.752†	123208.9	0.4876	mg/L	0.00237	0.4876	mg/L	0.00237	0.49%
Fe 273.955†	3479.0	1.967	mg/L	0.0094	1.967	mg/L	0.0094	0.48%
K 766.490†	17400.0	9.687	mg/L	0.0654	9.687	mg/L	0.0654	0.67%
Mg 279.077†	12807.6	10.14	mg/L	0.030	10.14	mg/L	0.030	0.30%
Mn 257.610†	47346.8	0.4855	mg/L	0.00137	0.4855	mg/L	0.00137	0.28%
Mo 202.031†	12.0	0.00072	mg/L	0.000190	0.00072	mg/L	0.000190	26.40%
Na 589.592†	142293.1	9.923	mg/L	0.0412	9.923	mg/L	0.0412	0.42%
Na 330.237†	501.7	10.45	mg/L	0.200	10.45	mg/L	0.200	1.91%
Ni 231.604†	1980.6	0.4784	mg/L	0.00218	0.4784	mg/L	0.00218	0.46%
Pb 220.353†	11786.6	1.958	mg/L	0.0146	1.958	mg/L	0.0146	0.75%
Sb 206.836†	12.8	0.00052	mg/L	0.001084	0.00052	mg/L	0.001084	209.34%
Se 196.026†	2457.7	2.040	mg/L	0.0204	2.040	mg/L	0.0204	1.00%
Si 288.158†	3.1	0.00360	mg/L	0.001938	0.00360	mg/L	0.001938	53.80%
Sn 189.927†	-8.6	-0.00173	mg/L	0.000808	-0.00173	mg/L	0.000808	46.63%
Sr 421.552†	433577.0	0.4794	mg/L	0.00351	0.4794	mg/L	0.00351	0.73%
Ti 334.903†	139.9	0.00233	mg/L	0.000304	0.00233	mg/L	0.000304	13.04%
Tl 190.801†	2974.4	2.026	mg/L	0.0203	2.026	mg/L	0.0203	1.00%
V 292.402†	48383.7	0.5083	mg/L	0.00478	0.5083	mg/L	0.00478	0.94%
Zn 206.200†	2058.8	0.4867	mg/L	0.00234	0.4867	mg/L	0.00234	0.48%

Sequence No.: 30
Sample ID: CV 3
Analyst: BLW
Dilution: 1X

Autosampler Location: 7
Date Collected: 6/9/2009 1:00:40 PM
Data Type: Original

Nebulizer Parameters: CV

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: CV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2160142.2	101.0	%	0.32				0.32%
ScR 361.383	532489.8	101.1	%	0.66				0.66%
Ag 328.068†	202355.3	0.9844	mg/L	0.00216	0.9844	mg/L	0.00216	0.22%
Al 308.215†	3583.9	1.977	mg/L	0.0156	1.977	mg/L	0.0156	0.79%
As 188.979†	1705.6	2.013	mg/L	0.0127	2.013	mg/L	0.0127	0.63%
B 249.677†	10740.0	0.9822	mg/L	0.00620	0.9822	mg/L	0.00620	0.63%
Ba 233.527†	11458.1	0.9896	mg/L	0.00415	0.9896	mg/L	0.00415	0.42%
Be 313.042†	833232.4	0.9919	mg/L	0.00674	0.9919	mg/L	0.00674	0.68%
Ca 317.933†	25928.0	2.085	mg/L	0.0143	2.085	mg/L	0.0143	0.69%
Cd 228.802†	19109.5	1.010	mg/L	0.0040	1.010	mg/L	0.0040	0.39%
Co 228.616†	27640.8	1.008	mg/L	0.0030	1.008	mg/L	0.0030	0.29%
Cr 267.716†	11238.7	0.9987	mg/L	0.00562	0.9987	mg/L	0.00562	0.56%
Cu 324.752†	252953.8	1.000	mg/L	0.0024	1.000	mg/L	0.0024	0.24%
Fe 273.955†	3422.7	1.928	mg/L	0.0074	1.928	mg/L	0.0074	0.39%
K 766.490†	34746.0	19.34	mg/L	0.076	19.34	mg/L	0.076	0.39%
Mg 279.077†	2529.7	2.007	mg/L	0.0056	2.007	mg/L	0.0056	0.28%
Mn 257.610†	94810.0	0.9719	mg/L	0.00231	0.9719	mg/L	0.00231	0.24%
Mo 202.031†	14326.6	0.9867	mg/L	0.00498	0.9867	mg/L	0.00498	0.51%
Na 589.592†	713114.8	49.73	mg/L	0.194	49.73	mg/L	0.194	0.39%
Na 330.237†	2361.6	50.46	mg/L	0.346	50.46	mg/L	0.346	0.68%
Ni 231.604†	3945.2	0.9551	mg/L	0.00852	0.9551	mg/L	0.00852	0.89%
Pb 220.353†	11931.3	1.982	mg/L	0.0086	1.982	mg/L	0.0086	0.43%
Sb 206.836†	4489.0	1.981	mg/L	0.0046	1.981	mg/L	0.0046	0.23%
Se 196.026†	2407.0	1.998	mg/L	0.0083	1.998	mg/L	0.0083	0.41%
Si 288.158†	4321.6	2.018	mg/L	0.0055	2.018	mg/L	0.0055	0.27%
Sn 189.927†	4167.4	1.002	mg/L	0.0026	1.002	mg/L	0.0026	0.26%
Sr 421.552†	928697.5	1.027	mg/L	0.0048	1.027	mg/L	0.0048	0.47%
Ti 334.903†	31172.9	1.007	mg/L	0.0031	1.007	mg/L	0.0031	0.31%
Tl 190.801†	2946.8	2.005	mg/L	0.0075	2.005	mg/L	0.0075	0.37%
V 292.402†	94519.7	0.9931	mg/L	0.00183	0.9931	mg/L	0.00183	0.18%
Zn 206.200†	4176.4	0.9872	mg/L	0.00398	0.9872	mg/L	0.00398	0.40%

Sequence No.: 31
Sample ID: CB 3
Analyst: BLW
Dilution: 1X

Autosampler Location: 1
Date Collected: 6/9/2009 1:03:12 PM
Data Type: Original

Nebulizer Parameters: CB

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: CB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2154857.6	100.7	%	0.59				0.58%
ScR 361.383	534986.2	101.6	%	0.36				0.35%
Ag 328.068†	27.9	0.00014	mg/L	0.000346	0.00014	mg/L	0.000346	254.64%
Al 308.215†	33.6	0.01884	mg/L	0.004129	0.01884	mg/L	0.004129	21.92%
As 188.979†	0.2	0.00025	mg/L	0.004734	0.00025	mg/L	0.004734	>999.9%
B 249.677†	24.3	0.00222	mg/L	0.000445	0.00222	mg/L	0.000445	19.99%
Ba 233.527†	-1.9	-0.00016	mg/L	0.000636	-0.00016	mg/L	0.000636	394.10%
Be 313.042†	26.1	0.00003	mg/L	0.000040	0.00003	mg/L	0.000040	135.43%
Ca 317.933†	16.8	0.00135	mg/L	0.002127	0.00135	mg/L	0.002127	157.42%
Cd 228.802†	8.8	0.00047	mg/L	0.000318	0.00047	mg/L	0.000318	67.54%
Co 228.616†	5.4	0.00020	mg/L	0.000249	0.00020	mg/L	0.000249	125.78%
Cr 267.716†	2.1	0.00018	mg/L	0.000490	0.00018	mg/L	0.000490	266.84%
Cu 324.752†	217.1	0.00086	mg/L	0.000185	0.00086	mg/L	0.000185	21.49%
Fe 273.955†	6.2	0.00349	mg/L	0.001320	0.00349	mg/L	0.001320	37.84%
K 766.490†	5.9	0.00330	mg/L	0.006483	0.00330	mg/L	0.006483	196.62%
Mg 279.077†	-0.1	-0.00010	mg/L	0.002765	-0.00010	mg/L	0.002765	>999.9%
Mn 257.610†	6.6	0.00007	mg/L	0.000084	0.00007	mg/L	0.000084	124.37%
Mo 202.031†	1.3	0.00009	mg/L	0.000662	0.00009	mg/L	0.000662	759.01%
Na 589.592†	87.7	0.00612	mg/L	0.003198	0.00612	mg/L	0.003198	52.28%
Na 330.237†	7.1	0.1533	mg/L	0.06896	0.1533	mg/L	0.06896	45.00%
Ni 231.604†	-1.8	-0.00043	mg/L	0.001392	-0.00043	mg/L	0.001392	321.13%
Pb 220.353†	-1.1	-0.00018	mg/L	0.000792	-0.00018	mg/L	0.000792	434.19%
Sb 206.836†	4.9	0.00216	mg/L	0.001224	0.00216	mg/L	0.001224	56.61%
Se 196.026†	1.2	0.00103	mg/L	0.003033	0.00103	mg/L	0.003033	294.62%
Si 288.158†	-9.2	-0.00430	mg/L	0.002476	-0.00430	mg/L	0.002476	57.62%
Sn 189.927†	1.1	0.00027	mg/L	0.000463	0.00027	mg/L	0.000463	173.47%
Sr 421.552†	128.0	0.00014	mg/L	0.000025	0.00014	mg/L	0.000025	17.81%
Ti 334.903†	8.5	0.00027	mg/L	0.001051	0.00027	mg/L	0.001051	382.39%
Tl 190.801†	5.6	0.00381	mg/L	0.002045	0.00381	mg/L	0.002045	53.61%
V 292.402†	42.4	0.00044	mg/L	0.000294	0.00044	mg/L	0.000294	66.27%
Zn 206.200†	2.5	0.00058	mg/L	0.000193	0.00058	mg/L	0.000193	33.38%

Sequence No.: 32
Sample ID: PB06 GDUP SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 324
Date Collected: 6/9/2009 1:06:56 PM
Data Type: Original

Nebulizer Parameters: PB06 GDUP SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB06 GDUP SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2122368.6	99.19	%	0.432				0.44%
ScR 361.383	541477.7	102.8	%	0.98				0.95%
Ag 328.068†	-195.9	-0.00089	mg/L	0.000318	-0.00177	mg/L	0.000637	35.87%
Al 308.215†	198529.9	111.3	mg/L	0.67	222.6	mg/L	1.34	0.60%
As 188.979†	128.1	0.1023	mg/L	0.01077	0.2046	mg/L	0.02153	10.52%
B 249.677†	722.6	0.06603	mg/L	0.001450	0.1321	mg/L	0.00290	2.20%
Ba 233.527†	3026.9	0.2531	mg/L	0.00120	0.5062	mg/L	0.00240	0.47%
Be 313.042†	2286.0	0.00160	mg/L	0.000021	0.00320	mg/L	0.000042	1.30%
Ca 317.933†	612591.0	49.25	mg/L	0.234	98.51	mg/L	0.467	0.47%
Cd 228.802†	40.6	0.00005	mg/L	0.000153	0.00010	mg/L	0.000306	300.28%
Co 228.616†	1933.7	0.05948	mg/L	0.000508	0.1190	mg/L	0.00102	0.85%
Cr 267.716†	2783.1	0.2519	mg/L 21%	0.00080	0.5038	mg/L	0.00161	0.32%
Cu 324.752†	59920.4	0.2459	mg/L 20%	0.00251	0.4917	mg/L	0.00502	1.02%
Fe 273.955†	262749.1	149.1	mg/L	1.69	298.2	mg/L	3.39	1.14%
K 766.490†	15613.8	8.692	mg/L	0.0421	17.38	mg/L	0.084	0.48%
Mg 279.077†	71970.7	56.92	mg/L	0.242	113.8	mg/L	0.48	0.43%
Mn 257.610†	182601.7	1.870	mg/L	0.0084	3.740	mg/L	0.0168	0.45%
Mo 202.031†	121.9	0.00787	mg/L	0.000778	0.01573	mg/L	0.001556	9.89%
Na 589.592†	236071.3	16.46	mg/L	0.099	32.93	mg/L	0.198	0.60%
Na 330.237†	791.9	17.35	mg/L	0.299	34.70	mg/L	0.599	1.73%
Ni 231.604†	804.8	0.1946	mg/L	0.00177	0.3892	mg/L	0.00355	0.91%
Pb 220.353†	313.3	0.06389	mg/L	0.000245	0.1278	mg/L	0.00049	0.38%
Sb 206.836†	44.1	0.01736	mg/L	0.002474	0.03471	mg/L	0.004947	14.25%
Se 196.026†	-14.7	0.00365	mg/L	0.003503	0.00730	mg/L	0.007005	95.94%
Si 288.158†	6694.3	3.116	mg/L	0.0267	6.232	mg/L	0.0534	0.86%
Sn 189.927†	-16.9	-0.00018	mg/L	0.000904	-0.00036	mg/L	0.001807	507.94%
Sr 421.552†	265272.9	0.2933	mg/L	0.00233	0.5866	mg/L	0.00466	0.80%
Ti 334.903†	183841.1	5.947	mg/L	0.0296	11.89	mg/L	0.059	0.50%
Tl 190.801†	7.2	0.02132	mg/L	0.003466	0.04263	mg/L	0.006931	16.26%
V 292.402†	34181.9	0.3490	mg/L	0.00323	0.6980	mg/L	0.00646	0.93%
Zn 206.200†	2937.9	0.6935	mg/L 49%	0.00549	1.387	mg/L	0.0110	0.79%

Sequence No.: 33
Sample ID: PB06 G SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 325
Date Collected: 6/9/2009 1:10:27 PM
Data Type: Original

Nebulizer Parameters: PB06 G SWC

Analyte	Back Pressure	Flow
All	221.0 kPa	0.75 L/min

Mean Data: PB06 G SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	4865697.2	227.4	%	97.15				42.72%
ScR 361.383	19287.5	3.662	%	5.6642				154.69%
Saturated within auto integration window (code 4)								
Ag 328.068†	9.7	0.00005	mg/L	0.000101	0.00011	mg/L	0.000202	191.88%
Al 308.215†	6124578.5	3434	mg/L	5954.1	6869	mg/L	11908.2	173.37%
As 188.979†	24.2	-0.09791	mg/L	0.206277	-0.1958	mg/L	0.41255	210.68%
B 249.677†	-1129825.7	-103.4	mg/L	179.17	-206.8	mg/L	358.33	173.24%
Ba 233.527†	-6076240.2	-525.1	mg/L	910.16	-1050	mg/L	1820.3	173.35%
Be 313.042†	-63078973	-75.33	mg/L	130.630	-150.7	mg/L	261.26	173.41%
Ca 317.933†	-12326178	-991.0	mg/L	1718.42	-1982	mg/L	3436.8	173.40%
Cd 228.802†	-32.4	-0.6697	mg/L	1.15741	-1.339	mg/L	2.3148	172.84%
Co 228.616†	271.5	0.09410	mg/L	0.151117	0.1882	mg/L	0.30223	160.58%
Cr 267.716†	11121873.6	988.8	mg/L	1714.24	1978	mg/L	3428.5	173.37%
Cu 324.752†	888.6	-0.01074	mg/L	0.026687	-0.02148	mg/L	0.053374	248.48%
Fe 273.955†	-644885.5	-364.7	mg/L	631.61	-729.3	mg/L	1263.23	173.21%
K 766.490†	4757504.4	2649	mg/L	4592.6	5297	mg/L	9185.2	173.40%
Mg 279.077†	-75249.2	-58.28	mg/L	100.578	-116.6	mg/L	201.16	172.57%
Mn 257.610†	-16509995	-169.2	mg/L	293.30	-338.4	mg/L	586.59	173.36%
Mo 202.031†	-29.0	0.00873	mg/L	0.019392	0.01746	mg/L	0.038783	222.15%
Na 589.592†	-70982561	-4950	mg/L	8583.9	-9900	mg/L	17167.9	173.41%
Na 330.237†	-6852904.0	-147600	mg/L	255925.1	-295100	mg/L	511850.1	173.45%
Ni 231.604†	-2925476.6	-707.4	mg/L	1226.47	-1415	mg/L	2452.9	173.37%
Pb 220.353†	111.7	3.100	mg/L	5.3448	6.199	mg/L	10.6895	172.43%
Sb 206.836†	-31.3	-14.24	mg/L	24.667	-28.49	mg/L	49.335	173.18%
Se 196.026†	43.0	-0.00712	mg/L	0.078977	-0.01425	mg/L	0.157954	>999.9%
Si 288.158†	-8649688.3	-4025	mg/L	6973.3	-8050	mg/L	13946.6	173.24%
Sn 189.927†	10.1	-0.00992	mg/L	0.022141	-0.01984	mg/L	0.044281	223.19%
Sr 421.552†	19120713.6	21.14	mg/L	36.669	42.28	mg/L	73.338	173.45%
Ti 334.903†	993834.9	32.31	mg/L	56.067	64.62	mg/L	112.135	173.53%
Tl 190.801†	19.2	-0.4171	mg/L	0.74491	-0.8342	mg/L	1.48982	178.59%
V 292.402†	2254.8	3.972	mg/L	6.8483	7.945	mg/L	13.6966	172.40%
Saturated within auto integration window (code 4)								
Zn 206.200†	4652378.9	1100	mg/L	1906.2	2199	mg/L	3812.4	173.35%

Sequence No.: 34 **Autosampler Location: 7**
Sample ID: CV **Date Collected: 6/9/2009 1:14:42 PM**
Analyst: BLW **Data Type: Original**
Dilution: 1X
User canceled analysis.

BW 6.9

Analysis Begun

Start Time: 6/9/2009 1:15:09 PM **Plasma On Time: 6/9/2009 10:11:08 AM**
Logged In Analyst: metals **Technique: ICP Continuous**
Spectrometer Model: Optima 7300 DV, S/N 077C8121202 **Autosampler Model: AS-93plus**

Sample Information File: C:\pe\metals\Sample Information\0609.sif
Batch ID:
Results Data Set: I2090609
Results Library: C:\pe\metals\Results\Results.mdb

Sequence No.: 33 **Autosampler Location: 325**
Sample ID: PB06 G SWC **Date Collected: 6/9/2009 1:15:09 PM**
Analyst: BLW **Data Type: Original**
Dilution: 2X

222222 BW 6.9

Nebulizer Parameters: PB06 G SWC

Analyte	Back Pressure	Flow
All	225.0 kPa	0.75 L/min

Mean Data: PB06 G SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2285898.8	106.8	%	6.05				5.66%
ScR 361.383	1420281.9	269.6	%	66.27				24.58%
Ag 328.068†	169925.1	0.8267	mg/L	0.05790	1.653	mg/L	0.1158	7.00%
Al 308.215†	1025.3	0.5481	mg/L	0.80429	1.096	mg/L	1.6086	146.75%
As 188.979†	1441.5	1.705	mg/L	0.1045	3.410	mg/L	0.2090	6.13%
B 249.677†	1364.0	0.1241	mg/L	0.19292	0.2481	mg/L	0.38584	155.49%
Saturated within auto integration window (code 4)								
Ba 233.527†	1490.4	0.1284	mg/L	0.20998	0.2568	mg/L	0.41996	163.54%
Saturated within auto integration window (code 4)								
Be 313.042†	-392.1	-0.00313	mg/L	0.000704	-0.00626	mg/L	0.001409	22.49%
Saturated within auto integration window (code 4)								
Ca 317.933†	974.9	0.07838	mg/L	0.138267	0.1568	mg/L	0.27653	176.40%
Cd 228.802†	16228.7	0.8568	mg/L	0.04924	1.714	mg/L	0.0985	5.75%
Co 228.616†	23438.0	0.8565	mg/L	0.04937	1.713	mg/L	0.0987	5.76%
Cr 267.716†	1498.6	0.1330	mg/L	0.17950	0.2660	mg/L	0.35900	134.98%
Cu 324.752†	214339.8	0.8477	mg/L	0.06779	1.695	mg/L	0.1356	8.00%
Fe 273.955†	918.2	0.5074	mg/L	0.71578	1.015	mg/L	1.4316	141.07%
K 766.490†	1462.8	0.8143	mg/L	1.22854	1.629	mg/L	2.4571	150.86%
Mg 279.077†	543.3	0.4337	mg/L	0.63282	0.8674	mg/L	1.26565	145.91%
Mn 257.610†	2464.5	0.02566	mg/L	0.027692	0.05133	mg/L	0.055383	107.90%
Saturated within auto integration window (code 4)								
Mo 202.031†	12093.2	0.8329	mg/L	0.04792	1.666	mg/L	0.0958	5.75%
Na 589.592†	15392.8	1.073	mg/L	1.9044	2.147	mg/L	3.8087	177.40%
Saturated within auto integration window (code 4)								
Na 330.237†	-38.0	-0.8760	mg/L	3.49733	-1.752	mg/L	6.9947	399.24%
Ni 231.604†	555.2	0.1352	mg/L	0.22591	0.2704	mg/L	0.45181	167.10%
Pb 220.353†	10098.0	1.676	mg/L	0.0922	3.351	mg/L	0.1844	5.50%
Sb 206.836†	3804.7	1.689	mg/L	0.0992	3.377	mg/L	0.1985	5.88%
Se 196.026†	2036.0	1.690	mg/L	0.0914	3.380	mg/L	0.1827	5.41%
Si 288.158†	624.6	0.2955	mg/L	0.48200	0.5911	mg/L	0.96400	163.09%
Sn 189.927†	3492.2	0.8394	mg/L	0.04733	1.679	mg/L	0.0947	5.64%
Sr 421.552†	15224.1	0.01683	mg/L	0.026173	0.03367	mg/L	0.052347	155.49%
Saturated within auto integration window (code 4)								
Ti 334.903†	1316.2	0.04049	mg/L	0.062514	0.08097	mg/L	0.125028	154.41%
Tl 190.801†	2468.0	1.680	mg/L	0.0878	3.360	mg/L	0.1756	5.23%
V 292.402†	80458.7	0.8428	mg/L	0.06766	1.686	mg/L	0.1353	8.03%

Zn 206.200†	692.7	0.1637 mg/L	0.23113	0.3274 mg/L	0.46227 141.19%

Sequence No.: 34 **Autosampler Location: 7**
Sample ID: CV **Date Collected: 6/9/2009 1:18:43 PM**
Analyst: BLW **Data Type: Original**
Dilution: 1X
User canceled analysis.

BLW 6.9

Analysis Begun

Start Time: 6/9/2009 1:20:21 PM **Plasma On Time: 6/9/2009 10:11:08 AM**
Logged In Analyst: metals **Technique: ICP Continuous**
Spectrometer Model: Optima 7300 DV, S/N 077C8121202 **Autosampler Model: AS-93plus**

Sample Information File: C:\pe\metals\Sample Information\0609.sif
Batch ID:
Results Data Set: I2090609
Results Library: C:\pe\metals\Results\Results.mdb

Sequence No.: 33 **Autosampler Location: 325**
Sample ID: PB06 G SWC **Date Collected: 6/9/2009 1:20:21 PM**
Analyst: BLW **Data Type: Original**
Dilution: 2X

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BLW 6.9

Nebulizer Parameters: PB06 G SWC

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: PB06 G SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2141847.1	100.1	%	0.66				0.66%
ScR 361.383	533998.7	101.4	%	0.36				0.36%
Ag 328.068†	201140.2	0.9785	mg/L	0.00385	1.957	mg/L	0.0077	0.39%
Al 308.215†	3594.6	1.983	mg/L	0.0038	3.967	mg/L	0.0076	0.19%
As 188.979†	1670.6	1.972	mg/L	0.0289	3.943	mg/L	0.0578	1.46%
B 249.677†	10739.3	0.9821	mg/L	0.00982	1.964	mg/L	0.0196	1.00%
Ba 233.527†	11416.4	0.9860	mg/L	0.01083	1.972	mg/L	0.0217	1.10%
Be 313.042†	829759.5	0.9878	mg/L	0.00169	1.976	mg/L	0.0034	0.17%
Ca 317.933†	25898.8	2.082	mg/L	0.0121	4.165	mg/L	0.0243	0.58%
Cd 228.802†	18931.3	1.000	mg/L	0.0209	2.001	mg/L	0.0418	2.09%
Co 228.616†	27187.1	0.9915	mg/L	0.02225	1.983	mg/L	0.0445	2.24%
Cr 267.716†	11239.3	0.9988	mg/L	0.00768	1.998	mg/L	0.0154	0.77%
Cu 324.752†	251024.0	0.9927	mg/L	0.00375	1.985	mg/L	0.0075	0.38%
Fe 273.955†	3438.1	1.936	mg/L	0.0197	3.873	mg/L	0.0395	1.02%
K 766.490†	34496.2	19.20	mg/L	0.076	38.41	mg/L	0.152	0.40%
Mg 279.077†	2522.1	2.001	mg/L	0.0251	4.002	mg/L	0.0502	1.25%
Mn 257.610†	94172.5	0.9654	mg/L	0.00384	1.931	mg/L	0.0077	0.40%
Mo 202.031†	14097.0	0.9709	mg/L	0.02433	1.942	mg/L	0.0487	2.51%
Na 589.592†	708847.7	49.43	mg/L	0.064	98.87	mg/L	0.127	0.13%
Na 330.237†	2348.4	50.18	mg/L	0.786	100.4	mg/L	1.57	1.57%
Ni 231.604†	3943.6	0.9547	mg/L	0.01549	1.909	mg/L	0.0310	1.62%
Pb 220.353†	11824.8	1.964	mg/L	0.0319	3.929	mg/L	0.0639	1.63%
Sb 206.836†	4420.0	1.950	mg/L	0.0442	3.900	mg/L	0.0884	2.27%
Se 196.026†	2372.9	1.970	mg/L	0.0138	3.940	mg/L	0.0277	0.70%
Si 288.158†	4320.0	2.017	mg/L	0.0182	4.034	mg/L	0.0364	0.90%
Sn 189.927†	4082.9	0.9819	mg/L	0.02901	1.964	mg/L	0.0580	2.95%
Sr 421.552†	922252.2	1.020	mg/L	0.0012	2.039	mg/L	0.0024	0.12%
Ti 334.903†	30917.4	0.9989	mg/L	0.00547	1.998	mg/L	0.0109	0.55%
Tl 190.801†	2912.3	1.982	mg/L	0.0282	3.964	mg/L	0.0565	1.43%
V 292.402†	93374.6	0.9811	mg/L	0.00448	1.962	mg/L	0.0090	0.46%
Zn 206.200†	4161.1	0.9835	mg/L	0.00748	1.967	mg/L	0.0150	0.76%

Sequence No.: 34 **Autosampler Location: 7**
Sample ID: CV **Date Collected: 6/9/2009 1:22:56 PM**
Analyst: BLW **Data Type: Original**
Dilution: 1X
User canceled analysis.

BLW 6.9

Analysis Begun

Start Time: 6/9/2009 1:25:33 PM **Plasma On Time: 6/9/2009 10:11:08 AM**
Logged In Analyst: metals **Technique: ICP Continuous**
Spectrometer Model: Optima 7300 DV, S/N 077C8121202 **Autosampler Model: AS-93plus**

Sample Information File: C:\pe\metals\Sample Information\0609.sif
Batch ID:
Results Data Set: I2090609
Results Library: C:\pe\metals\Results\Results.mdb

Sequence No.: 32 **Autosampler Location: 324**
Sample ID: PB06 GDUP SWC **Date Collected: 6/9/2009 1:25:34 PM**
Analyst: BLW **Data Type: Original**
Dilution: 2X

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BLW 6.9

Nebulizer Parameters: PB06 GDUP SWC

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: PB06 GDUP SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2141951.7	100.1	%	0.23				0.23%
ScR 361.383	535405.0	101.6	%	1.45				1.43%
Ag 328.068†	-21.1	-0.00010	mg/L	0.000077	-0.00021	mg/L	0.000154	74.89%
Al 308.215†	27.0	0.01513	mg/L	0.006593	0.03027	mg/L	0.013185	43.56%
As 188.979†	-4.1	-0.00488	mg/L	0.002224	-0.00976	mg/L	0.004448	45.57%
B 249.677†	19.5	0.00178	mg/L	0.000802	0.00357	mg/L	0.001603	44.96%
Ba 233.527†	-4.9	-0.00042	mg/L	0.000347	-0.00084	mg/L	0.000694	82.19%
Be 313.042†	-18.3	-0.00002	mg/L	0.000011	-0.00004	mg/L	0.000022	50.77%
Ca 317.933†	37.3	0.00300	mg/L	0.000952	0.00599	mg/L	0.001905	31.78%
Cd 228.802†	2.5	0.00017	mg/L	0.000156	0.00035	mg/L	0.000312	89.95%
Co 228.616†	-6.3	-0.00023	mg/L	0.000190	-0.00046	mg/L	0.000380	81.89%
Cr 267.716†	8.8	0.00079	mg/L	0.001124	0.00157	mg/L	0.002249	143.09%
Cu 324.752†	143.5	0.00057	mg/L	0.000138	0.00113	mg/L	0.000275	24.26%
Fe 273.955†	0.6	0.00036	mg/L	0.003290	0.00073	mg/L	0.006579	902.10%
K 766.490†	67.6	0.03763	mg/L	0.027256	0.07525	mg/L	0.054512	72.44%
Mg 279.077†	4.9	0.00389	mg/L	0.007218	0.00779	mg/L	0.014436	185.40%
Mn 257.610†	-2.8	-0.00003	mg/L	0.000093	-0.00006	mg/L	0.000185	323.66%
Mo 202.031†	-4.0	-0.00028	mg/L	0.000317	-0.00055	mg/L	0.000633	114.30%
Na 589.592†	91.1	0.00635	mg/L	0.001950	0.01271	mg/L	0.003900	30.69%
Na 330.237†	11.8	0.2542	mg/L	0.15166	0.5083	mg/L	0.30331	59.67%
Ni 231.604†	-2.1	-0.00052	mg/L	0.001696	-0.00104	mg/L	0.003392	325.86%
Pb 220.353†	-2.7	-0.00044	mg/L	0.001727	-0.00087	mg/L	0.003455	394.94%
Sb 206.836†	-3.7	-0.00165	mg/L	0.000979	-0.00331	mg/L	0.001958	59.18%
Se 196.026†	0.2	0.00016	mg/L	0.001852	0.00031	mg/L	0.003705	>999.9%
Si 288.158†	-2.8	-0.00129	mg/L	0.000396	-0.00258	mg/L	0.000792	30.68%
Sn 189.927†	-1.4	-0.00035	mg/L	0.000192	-0.00069	mg/L	0.000383	55.48%
Sr 421.552†	49.8	0.00006	mg/L	0.000022	0.00011	mg/L	0.000044	39.90%
Ti 334.903†	32.7	0.00106	mg/L	0.000933	0.00212	mg/L	0.001865	88.08%
Tl 190.801†	2.1	0.00147	mg/L	0.002050	0.00293	mg/L	0.004099	139.73%
V 292.402†	1.5	0.00002	mg/L	0.000060	0.00004	mg/L	0.000120	339.78%
Zn 206.200†	3.0	0.00072	mg/L	0.001635	0.00143	mg/L	0.003270	228.37%

Sequence No.: 33
Sample ID: PB06 G SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 325
Date Collected: 6/9/2009 1:29:18 PM
Data Type: Original

Nebulizer Parameters: PB06 G SWC

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: PB06 G SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2132883.8	99.68	%	0.093				0.09%
ScR 361.383	539775.1	102.5	%	1.42				1.38%
Ag 328.068†	-237.2	-0.00109	mg/L	0.000161	-0.00219	mg/L	0.000322	14.72%
Al 308.215†	184594.6	103.5	mg/L	0.50	207.0	mg/L	0.99	0.48%
As 188.979†	111.0	0.09088	mg/L	0.007302	0.1818	mg/L	0.01460	8.04%
B 249.677†	596.5	0.05451	mg/L	0.001247	0.1090	mg/L	0.00249	2.29%
Ba 233.527†	3435.0	0.2891	mg/L	0.00182	0.5781	mg/L	0.00364	0.63%
Be 313.042†	2008.4	0.00140	mg/L	0.000065	0.00281	mg/L	0.000130	4.62%
Ca 317.933†	488972.5	39.31	mg/L	0.234	78.63	mg/L	0.467	0.59%
Cd 228.802†	30.4	-0.00029	mg/L	0.000183	-0.00058	mg/L	0.000367	62.95%
Co 228.616†	1661.8	0.05085	mg/L	0.000228	0.1017	mg/L	0.00046	0.45%
Cr 267.716†	2239.1	0.2030	mg/L	0.00159	0.4061	mg/L	0.00319	0.79%
Cu 324.752†	49010.0	0.2020	mg/L	0.00107	0.4040	mg/L	0.00213	0.53%
Fe 273.955†	240029.6	136.2	mg/L	0.76	272.4	mg/L	1.52	0.56%
K 766.490†	14801.9	8.240	mg/L	0.0560	16.48	mg/L	0.112	0.68%
Mg 279.077†	68726.4	54.36	mg/L	0.157	108.7	mg/L	0.31	0.29%
Mn 257.610†	182210.3	1.866	mg/L	0.0090	3.732	mg/L	0.0179	0.48%
Mo 202.031†	108.5	0.00705	mg/L	0.000264	0.01409	mg/L	0.000528	3.75%
Na 589.592†	204480.5	14.26	mg/L	0.068	28.52	mg/L	0.135	0.47%
Na 330.237†	681.6	15.07	mg/L	0.108	30.14	mg/L	0.215	0.71%
Ni 231.604†	726.6	0.1757	mg/L	0.00283	0.3513	mg/L	0.00565	1.61%
Pb 220.353†	216.6	0.04698	mg/L	0.000820	0.09396	mg/L	0.001639	1.74%
Sb 206.836†	42.4	0.01712	mg/L	0.000780	0.03425	mg/L	0.001559	4.55%
Se 196.026†	-14.4	0.00239	mg/L	0.006506	0.00478	mg/L	0.013012	272.42%
Si 288.158†	5661.8	2.635	mg/L	0.0113	5.271	mg/L	0.0226	0.43%
Sn 189.927†	-15.8	-0.00049	mg/L	0.000630	-0.00098	mg/L	0.001260	128.20%
Sr 421.552†	249300.9	0.2756	mg/L	0.00202	0.5513	mg/L	0.00405	0.73%
Ti 334.903†	162205.5	5.248	mg/L	0.0455	10.50	mg/L	0.091	0.87%
Tl 190.801†	7.1	0.02041	mg/L	0.000177	0.04081	mg/L	0.000353	0.87%
V 292.402†	30017.8	0.3062	mg/L	0.00091	0.6124	mg/L	0.00181	0.30%
Zn 206.200†	1777.8	0.4196	mg/L	0.00164	0.8391	mg/L	0.00329	0.39%

Sequence No.: 34
Sample ID: CV 4
Analyst: BLW
Dilution: 1X

Autosampler Location: 7
Date Collected: 6/9/2009 1:32:48 PM
Data Type: Original

Nebulizer Parameters: CV

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: CV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2071716.6	96.82	%	0.705				0.73%
ScR 361.383	512565.5	97.31	%	0.080				0.08%
Ag 328.068†	202702.8	0.9861	mg/L	0.00317	0.9861	mg/L	0.00317	0.32%
Al 308.215†	3630.6	2.003	mg/L	0.0172	2.003	mg/L	0.0172	0.86%
As 188.979†	1713.5	2.022	mg/L	0.0120	2.022	mg/L	0.0120	0.59%
B 249.677†	10783.5	0.9862	mg/L	0.01581	0.9862	mg/L	0.01581	1.60%
Ba 233.527†	11482.8	0.9918	mg/L	0.01148	0.9918	mg/L	0.01148	1.16%
Be 313.042†	830278.9	0.9884	mg/L	0.00282	0.9884	mg/L	0.00282	0.29%
Ca 317.933†	26108.2	2.099	mg/L	0.0222	2.099	mg/L	0.0222	1.06%
Cd 228.802†	19489.0	1.030	mg/L	0.0040	1.030	mg/L	0.0040	0.39%
Co 228.616†	27996.0	1.021	mg/L	0.0044	1.021	mg/L	0.0044	0.43%
Cr 267.716†	11273.4	1.002	mg/L	0.0111	1.002	mg/L	0.0111	1.11%
Cu 324.752†	252908.8	1.000	mg/L	0.0035	1.000	mg/L	0.0035	0.35%
Fe 273.955†	3466.1	1.952	mg/L	0.0229	1.952	mg/L	0.0229	1.17%
K 766.490†	34711.5	19.32	mg/L	0.047	19.32	mg/L	0.047	0.24%
Mg 279.077†	2549.1	2.023	mg/L	0.0114	2.023	mg/L	0.0114	0.56%
Mn 257.610†	94592.4	0.9697	mg/L	0.00502	0.9697	mg/L	0.00502	0.52%
Mo 202.031†	14538.8	1.001	mg/L	0.0054	1.001	mg/L	0.0054	0.54%
Na 589.592†	710838.2	49.57	mg/L	0.077	49.57	mg/L	0.077	0.15%
Na 330.237†	2366.0	50.56	mg/L	0.641	50.56	mg/L	0.641	1.27%
Ni 231.604†	3977.6	0.9629	mg/L	0.01154	0.9629	mg/L	0.01154	1.20%
Pb 220.353†	12092.7	2.009	mg/L	0.0063	2.009	mg/L	0.0063	0.31%
Sb 206.836†	4562.9	2.013	mg/L	0.0100	2.013	mg/L	0.0100	0.50%
Se 196.026†	2419.2	2.008	mg/L	0.0052	2.008	mg/L	0.0052	0.26%
Si 288.158†	4343.2	2.028	mg/L	0.0329	2.028	mg/L	0.0329	1.62%
Sn 189.927†	4210.3	1.013	mg/L	0.0050	1.013	mg/L	0.0050	0.49%
Sr 421.552†	923595.8	1.021	mg/L	0.0032	1.021	mg/L	0.0032	0.31%
Ti 334.903†	31023.1	1.002	mg/L	0.0060	1.002	mg/L	0.0060	0.60%
Tl 190.801†	2975.1	2.025	mg/L	0.0099	2.025	mg/L	0.0099	0.49%
V 292.402†	94605.5	0.9940	mg/L	0.00341	0.9940	mg/L	0.00341	0.34%
Zn 206.200†	4173.5	0.9864	mg/L	0.00949	0.9864	mg/L	0.00949	0.96%

Sequence No.: 35
Sample ID: CB 4
Analyst: BLW
Dilution: 1X

Autosampler Location: 1
Date Collected: 6/9/2009 1:35:20 PM
Data Type: Original

Nebulizer Parameters: CB

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: CB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2130113.3	99.55	%	0.435				0.44%
ScR 361.383	526774.2	100.0	%	0.50				0.50%
Ag 328.068†	28.2	0.00014	mg/L	0.000183	0.00014	mg/L	0.000183	133.80%
Al 308.215†	36.0	0.02021	mg/L	0.003866	0.02021	mg/L	0.003866	19.13%
As 188.979†	-2.6	-0.00304	mg/L	0.006435	-0.00304	mg/L	0.006435	211.72%
B 249.677†	26.2	0.00240	mg/L	0.000423	0.00240	mg/L	0.000423	17.62%
Ba 233.527†	-0.6	-0.00006	mg/L	0.000435	-0.00006	mg/L	0.000435	791.63%
Be 313.042†	125.2	0.00015	mg/L	0.000032	0.00015	mg/L	0.000032	21.59%
Ca 317.933†	34.6	0.00278	mg/L	0.000460	0.00278	mg/L	0.000460	16.51%
Cd 228.802†	9.3	0.00052	mg/L	0.000129	0.00052	mg/L	0.000129	24.73%
Co 228.616†	2.7	0.00010	mg/L	0.000254	0.00010	mg/L	0.000254	264.20%
Cr 267.716†	4.0	0.00036	mg/L	0.000581	0.00036	mg/L	0.000581	162.98%
Cu 324.752†	131.7	0.00052	mg/L	0.000124	0.00052	mg/L	0.000124	23.79%
Fe 273.955†	8.4	0.00474	mg/L	0.003872	0.00474	mg/L	0.003872	81.65%
K 766.490†	33.8	0.01884	mg/L	0.027076	0.01884	mg/L	0.027076	143.75%
Mg 279.077†	4.0	0.00315	mg/L	0.006436	0.00315	mg/L	0.006436	204.30%
Mn 257.610†	34.3	0.00035	mg/L	0.000113	0.00035	mg/L	0.000113	32.16%
Mo 202.031†	2.9	0.00020	mg/L	0.000475	0.00020	mg/L	0.000475	235.58%
Na 589.592†	89.2	0.00622	mg/L	0.000253	0.00622	mg/L	0.000253	4.07%
Na 330.237†	14.5	0.3103	mg/L	0.25299	0.3103	mg/L	0.25299	81.53%
Ni 231.604†	-2.7	-0.00064	mg/L	0.000501	-0.00064	mg/L	0.000501	77.77%
Pb 220.353†	3.7	0.00062	mg/L	0.000562	0.00062	mg/L	0.000562	90.67%
Sb 206.836†	0.7	0.00029	mg/L	0.001245	0.00029	mg/L	0.001245	424.84%
Se 196.026†	-1.0	-0.00083	mg/L	0.006398	-0.00083	mg/L	0.006398	774.43%
Si 288.158†	-0.1	-0.00003	mg/L	0.002294	-0.00003	mg/L	0.002294	>999.9%
Sn 189.927†	-0.4	-0.00011	mg/L	0.000141	-0.00011	mg/L	0.000141	133.73%
Sr 421.552†	128.0	0.00014	mg/L	0.000044	0.00014	mg/L	0.000044	30.79%
Ti 334.903†	29.9	0.00097	mg/L	0.000582	0.00097	mg/L	0.000582	60.01%
Tl 190.801†	4.8	0.00328	mg/L	0.002570	0.00328	mg/L	0.002570	78.42%
V 292.402†	27.0	0.00028	mg/L	0.000223	0.00028	mg/L	0.000223	78.75%
Zn 206.200†	2.9	0.00069	mg/L	0.000982	0.00069	mg/L	0.000982	142.15%

end package

BLW
6.9

Mercury Analysis Log

Analyst: TM

Instrument: CETAC

Date: 6.08.09

Page: 1 of 5

ARI Sample ID	Prep Code	Dilution	QC Data (ppb)	Comments
STD 0.0	SMM	1X		
" 0.1				
" 0.5				
" 1.0				
" 2.0				
" 5.0				
" 10.0				
ICV			7.86	Begin CLP %R=98 ✓
ICB			-0.03	✓
CCV1			4.00	%R=100 ✓
CCB1			-0.02	✓
CRA			0.10	✓
PB06 MB1			-0.01	✓
" MB1SPK			1.90	%R=95 ✓
" A				
" C				
" G			0.11	
" GDUP			0.12	✓
" GSPK			1.17	%R=106 ✓
" I				
" K				
CCV2			4.02	%R=101 ✓
CCB2			-0.01	✓
PB06 M				
CCV3			4.01	%R=100 ✓
CCB3			-0.02	END CLP ✓
~~PB04 MB~~			0.00	✓
" MBSPK			2.01	%R=101 ✓
" A				
" B				

Chemical/Reagent ID:

10% $SnCl_2$: MP1689

14% NH_2OH/NaCl: MP1672

6/9/09

Standard ID:

Standard: 2614-2

ICV/CCV: 48-6

ANALYTICAL RESOURCES INCORPORATED

Metals Data Review Checklist

Method: ICP ICP-MS GFA (CVA)

Analysis Date: 6-08-09

	Analyst 6-8 DM	Peer 6-9	Comment
Logbook:			
Analyst, Date, Method info	✓	✓	
Sample ID's	✓	–	
Standard/QC solution ID's recorded	✓	–	
Prep codes	✓	✓	
Dilution factors	✓	–	
Crossouts/Corrections/Deletions	✓	✓	See RUN Log
Calibration:			
Blank & Standard intensities	✓	✓	
Standard deviations	✓	✓	
Curve fit	✓	✓	
Calibration Verification:			
ICV/CCV	✓	✓	
ICB/CCB	✓	✓	See Log
Samples:			
RSD's & SD's	✓	✓	
Internal Standards	–	–	
Carry-over	–	✓	
Method QC:			
CRI/CRA	✓	✓	
ICSA/ICSAB	–	–	
Post Spikes/Serial Dilutions	–	–	
Analytic Spikes	–	–	
Matrix QC:			
SRM/LCS	✓	✓	
Matrix Spikes	✓	✓	
Matrix Duplicates	✓	✓	PB18 HOVP Hi RPD
Method Blanks	✓	✓	
Data Distribution:			
Requested elements/isotope identified	✓	✓	
Correct samples identified for distribution	✓	✓	
Raw data match distributed data	✓	✓	
Data filename correct	✓	✓	
Necessary Analysts Notes and CAF's	✓	✓	See CAF

Mercury Standard Prep Log

Prep Code: SMM
Analyst: DM
Bath Temp: 95°C
Start Time: 2015
Instrument: CETAC
Date: 6-04-09
End Time: 2045

Standard ID	Stock ID	Volume Added (mL)	Final Volume (mL)	Standard Conc. (µg/L)	Number Made
STD0	—	0.00	50.0	0.0	3
STD1	2614-2	0.01		0.1	2
STD2	↓	0.05	↓	0.5	2
STD3		0.10		1.0	2
STD4		0.20		2.0	2
STD5		0.50		5.0	2
STD6		1.00		10.0	2
CRA	↓	0.01		0.1	1
ICB/CCB	—	0.00		0.0	3
ICV/LCS	48-6	0.08		8.0	2
CCV	↓	0.04	50.0	4.0	3

Chemical/Reagent ID:

HNO_3: I4674
H_2SO_4: I4680
HCl: —
5% $K_2S_2O_8$: MP1670
5% $KMnO_4$: MP1671

Prep Code: _____
Analyst: _____
Bath Temp: _____
Start Time: _____
Instrument: _____
Date: _____
End Time: _____

Standard ID	Stock ID	Volume Added (mL)	Final Volume (mL)	Standard Conc. (µg/L)	Number Made
STD0		0.00			
STD1					
STD2		0.05			
STD3		0.10			
STD4		0.20			
STD5		0.50			
STD6		1.00			
CRA					
ICB/CCB		0.00			
ICV/LCS					
CCV					

Chemical/Reagent ID:

HNO_3: _____
H_2SO_4: _____
HCl: _____
5% $K_2S_2O_8$: _____
5% $KMnO_4$: _____

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Mercury Digestion Log

Prep Code: 5mm
Analyst: DM
Bath Temp: 95°C
Start Time: 2350
Matrix: Soil
Date: 4-03-09
End Time: 0020

ARI Sample ID	Sample Bottle #	BOD Bottle #	pH<2	Initial Weight (g) ~~Volume (mL)~~	Final Volume (mL)	# $KMnO_4$ Aliquots	CL P	Comments
PB04 A	2	—	—	0.223	50.0	4/7 1	N	
" B	2	—	—	0.276		1		
" C	1	—	—	0.253		1		
" D	1	—	—	0.214		1		
" MB	—	—	—	—		1		
" MBSPK	—	—	—	—		1		
PB11 A	1	—	—	0.239		6/8 1		
" B	1	—	—	0.254		1		
" C	1	—	—	0.253		1		
" MB	—	—	—	—		1		
" MBSPK	—	—	—	—		1	N	
PB06 A	3	—	—	0.247		6/7 1	(Y)	
" C	4	—	—	0.257		1		
" G	5	—	—	0.255		1		
" GDUP	5	—	—	0.257		1		
" GSPK	5	—	—	0.257		1		
" I	4	—	—	0.251		1		
" K	4	—	—	0.266		1		
" M	3	—	—	0.258		1		
" MBI	—	—	—	—		1		
" MBISPK	—	—	—	—	50.0	1	(Y)	
				4-3-09 DM				

Chemical/Reagent ID:

HNO_3: I4674
H_2SO_4: I4680
HCl: —
5% $K_2S_2O_8$: MP1670
5% $KMnO_4$: MP1671
Digest Tube Lot: A811L5095

Metals Analysis
Prep Logs

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

SPIKING LOG

Analyst: DM

Date: 6.03.09

Final Volume 50

Final Volume (Hg): 50

Sample ID PB96 GSPK, MBSPK

	Prepcode:	SNC		
	Spike Solution:	ICP Routine	ICP No GFA	GFA
	Standard No.:	2593-2		
	Vol Added (mL):	1.0		
STOCK CONCENTRATION	Ag	50 ✓		2.0
	Al	200	200	
	As	200 ✓		10
	Ba	200	200	
	Be	50	50	
	Ca	1000	1000	
	Cd	50 ✓		2.0
	Co	50	50	
	Cr	50 ✓	50	
	Cu	50 ✓	50	
	Fe	200	200	
	K	1000	1000	
	Mg	1000	1000	
	Mn	50	50	
	Na	1000	1000	
	Ni	50 ✓	50	
	Pb	200 ✓		10
	Se	200		10
	Sr	50	50	
	Tl	200		10
	V	50	50	
	Zn	50 ✓	50	

	ICP-MS #1	ICP-MS #2	ICP-MS Minerals
Ag	25		
Al			500
As	25		
Ba	25		
Be	25		
Ca			500
Cd	25		
Co	25		
Cr	25		
Cu	25		
Fe			500
K			500
Mg			500
Mn	25		
Mo		25	
Na			500
Ni	25		
Pb	25		
Sb		25	
Se	80		
Tl	25		
U	25		
V	25		
Zn	80		

Element	Prepcode	Analysis	Stock Conc.	Stock Added	Std No.
Hg	SNM	CVA	1.0	0.05	2563-3
Hg MBSPK	↓	CVA	1.0	0.1	↓
Sb	SNC	ICP	2000	0.1	2596-4
Sb		GFA	100		
B		ICP	500		
Mo		ICP	500		
Si		ICP	10000		
Sn		ICP	500		
Ti		ICP	2000		

Additional Elements:

Element	Prepcode	Analysis	Stock Conc.	Stock Added	Std. No.

PB96 : 01209 6.03.09

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Digestion Log

Analyst: DM
Matrix: Soil

Date: 6.03.09
Block Temp: 90°C

ARI Sample ID	Btl #	pH<2	Prep Code: SWC Initial Wt (g) ~~Vol (mL)~~	Prep Code: SWC Final Vol (mL)	Prep Code: Initial Wt (g) Vol (mL)	Prep Code: Final Vol (mL)	Comments
PB06 A	3	–	1.031	50.0			
" C	4	–	1.052				
" G	5	–	1.032				
" GDUP	5	–	1.033				
" GSPK	5	–	1.032				
" I	4	–	1.062				
" K	4	–	1.017				
" M	3	–	1.072				
" MB1	–	–	–				
" MB1SPK	–	–	–	50.0			
				6.3.09 DM			

Chemical/Reagent ID:
HNO_3: MP1686 / I4674 HCl: I4599 H_2O_2: I4647 Tube Lot #: ~~PB~~ PP01L5267
DM 6.3.09

1210
PB06 : ~~01211~~ (18)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Mercury Digestion Log

Prep Code: SMM
Analyst: DM
Bath Temp: 95°C
Start Time: 2350
Matrix: Soil
Date: 6·03·09
End Time: 0020

ARI Sample ID	Sample Bottle #	BOD Bottle #	pH<2	Initial Weight (g) ~~Volume (mL)~~	Final Volume (mL)	# $KMnO_4$ Aliquots	CL P	Comments
PB04 A	2	—	—	0.223	50.0	6/7 1	N	
" B	2	—	—	0.276		1		
" C	1	—	—	0.253		1		
" D	1	—	—	0.214		1		
" MB	—	—	—	—		1		
" MBSPK	—	—	—	—		1		
PB11 A	1	—	—	0.239		6/8 1		
" B	1	—	—	0.254		1		
" C	1	—	—	0.253		1		
" MB	—	—	—	—		1		
" MBSPK	—	—	—	—		1	N	
PB06 A	3	—	—	0.247		6/7 1	(Y)	
" C	4	—	—	0.257		1		
" G	5	—	—	0.255		1		
" GDUP	5	—	—	0.257		1		
" GSPK	5	—	—	0.257		1		
" I	4	—	—	0.251		1		
" K	4	—	—	0.266		1		
" M	3	—	—	0.258		1		
" MB1	—	—	—	—		1		
" MB1SPK	—	—	—	—	50.0	1	(Y)	
				6·3·09 DM				

Chemical/Reagent ID:

HNO_3: I4674
H_2SO_4: I4680
HCl: —
5% $K_2S_2O_8$: MP1670
5% $KMnO_4$: MP1671
Digest Tube Lot: A811LS095

PB06 : 12 13 ~~01 12~~ (S)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Metals Total Solids

Oven in:
Analyst: DM Date: 6-03-09 Time: 2315 Temp: 103°C

Oven out:
Analyst: MH Date: 6-04-09 Time: 1320 Temp: 100°C

ARI Sample ID		Tare Weight (g)	Tare + Sample Wet (g)	Tare + Sample Dry (g)	Comments
PB04	A	0.996	10.703	8.696	
"	B	0.970	10.575	7.909	
"	C	0.977	10.303	8.407	
"	D	0.996	10.260	7.552	
PB11	A	0.973	10.490	6.016	
"	B	1.011	10.052	6.984	
"	C	0.942	10.926	7.141	
PB13	A	0.950	10.313	9.458	
"	B	0.996	10.299	9.874	
"	C	0.991	10.751	10.244	
"	D	0.976	10.615	8.402	
"	H	0.993	10.341	7.695	
PB06	A	1.008	10.467	5.248	
"	C	0.957	10.191	5.300	
"	G	0.983	10.331	7.080	
"	I	0.980	10.268	5.836	
"	K	0.992	10.191	5.072	
"	M	0.972	10.459	5.272	
			6-3-09 DM		

PB06 : 01218 12184

ANALYTICAL
RESOURCES
INCORPORATED

CORRECTIVE ACTIONS - Inorganic Analyses

Criteria Flagged

ARI Project No.: PB06 Client Name: Anchor

Date of Out-of-Control Event: 6.9.09 Method/Element: ICP

Unacceptable Blank	
Unacceptable Duplicate	✓
Unacceptable Spike	✓
Unacceptable Reference	

Prep Code: 3050C

Other:

Details of Problem/Recommended Corrective Action:

PB06 Gdup Cr 26% Co 22% Zn 52% RPD- run twice
Gsph Sb 22%R
G post OK

Samples Affected:

Corrective Action Taken: Post spike

Analyst: Date: 6-9-09

Supervisor: Date: 6/10/09

5049F

Rev. 6
10/28/02

PB06 : 61119 (B)

PB06

MATRIX DUPLICATE AND MATRIX SPIKE WORKSHEET (FOR SAMPLES >5 IDL)							
DUPLICATION:					SPIKE RECOVERY:		
	DUP	BKGD				SPIKE	BKGD
VOLUME	100	100			VOLUME	100	100
SAMP WT	1.033	1.032			SAMP WT	1.032	1.0330
ELEMENT	DUP	BKGD	% RPD		ELEMENT	SPIKE	BKGD
	mg/L					mg/L	mg/L
Ag	0	0	#DIV/0!		Ag	0.4909	0
Al			#DIV/0!		Al		
As	0.09642	0.08479	12.74		As	2.082	0.08479
B			#DIV/0!		B		
Ba			#DIV/0!		Ba		
Be			#DIV/0!		Be		
Ca			#DIV/0!		Ca		
Cd	0	0	#DIV/0!		Cd	0.5051	0
Co			#DIV/0!		Co		
Cr	0.2518	0.1943	25.68		Cr	0.7062	0.1943
Cu	0.2455	0.1961	22.28		Cu	0.7006	0.1961
Fe			#DIV/0!		Fe		
K			#DIV/0!		K		
Mg			#DIV/0!		Mg		
Mn			#DIV/0!		Mn		
Mo			#DIV/0!		Mo		
Na			#DIV/0!		Na		
Ni	0.1922	0.168	13.34		Ni	0.665	0.168
Pb	0.06321	0.04654	30.28		Pb	1.972	0.04654
Sb	0	0	#DIV/0!		Sb	0.4419	0
Se			#DIV/0!		Se		
Si			#DIV/0!		Si		
Sn			#DIV/0!		Sn		
Sr			#DIV/0!		Sr		
Ti			#DIV/0!		Ti		
Tl			#DIV/0!		Tl		
V			#DIV/0!		V		
Zn	0.6852	0.4027	51.84		Zn	0.9799	0.4027

TABLE 6

PB06 : 01115 12/14

SPK'D CONC	% RECOV
mg/L	
0.5	98.2
2	0.0
2	99.9
0.5	0.0
2	0.0
0.5	0.0
10	0.0
0.5	101.0
0.5	0.0
0.5	102.4
0.50	100.9
2	0.0
10	0.0
10	0.0
0.5	0.0
0.5	0.0
10	0.0
0.5	99.4
2	96.3
2	22.1
2	0.0
10	0.0
0.5	0.0
0.5	0.0
2	0.0
2	0.0
0.5	0.0
0.5	115.5

TABLE 6

General Chemistry Analysis
QC Summary Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

12186
PB06 : 01216

MS/MSD RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Analyte	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: PB06G Client ID: BW-07-SS-090602						
N-Ammonia	06/05/09	mg-N/kg	8.98	141	139	94.7%
Sulfide	06/04/09	mg/kg	46.8	164	172	68.1%
Total Organic Carbon	06/09/09	Percent	2.08	4.51	2.16	112.5%

PB06 : 1219

REPLICATE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: PB06G Client ID: BW-07-SS-090602					
Total Solids	06/03/09	Percent	64.90	65.30 65.10	0.3%
Preserved Total Solids	06/04/09	Percent	68.10	68.00 69.00	0.8%
Total Volatile Solids	06/03/09	Percent	6.29	7.52 6.43	10.0%
N-Ammonia	06/05/09	mg-N/kg	8.98	7.88	13.0%
Sulfide	06/04/09	mg/kg	46.8	50.5	7.6%
Total Organic Carbon	06/09/09	Percent	2.08	2.20 1.90	7.3%

1218
1220
PB06 : ~~01216~~

LAB CONTROL RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	LCS	Spike Added	Recovery
Sulfide	06/04/09	mg/kg	108	120	90.3%
Total Organic Carbon	06/08/09	Percent	0.463	0.500	92.6%
	06/09/09		0.484	0.500	96.8%

1219
1221
PB06 : 01213

METHOD BLANK RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	Blank
Total Solids	06/03/09	Percent	< 0.01 U
Preserved Total Solids	06/04/09	Percent	< 0.01 U
Total Volatile Solids	06/03/09	Percent	< 0.01 U
N-Ammonia	06/05/09	mg-N/kg	< 0.10 U
Sulfide	06/04/09	mg/kg	< 1.00 U
Total Organic Carbon	06/08/09	Percent	< 0.020 U
	06/09/09		< 0.020 U

1220
PB06: 041282

STANDARD REFERENCE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Date	Units	SRM	True Value	Recovery
N-Ammonia	06/05/09	mg-N/kg	5.04	5.00	100.8%
SPEX 28-24AS					
Total Organic Carbon	06/08/09	Percent	3.15	3.35	94.0%
NIST #8704	06/09/09		3.17	3.35	94.6%

General Chemistry Analysis
Sample Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-01-SS-090602
ARI ID: 09-12542 PB06A

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	44.90
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	42.70
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	7.54
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.20	7.94
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	11.7	62.8
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	2.73

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-02-SS-090602
ARI ID: 09-12543 PB06B

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	68.30
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	66.80
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	2.99
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.13	4.70
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	1.49	8.90
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	1.91

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-03-SS-090602
ARI ID: 09-12544 PB06C

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	47.90
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	43.50
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	7.10
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.19	5.88
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	4.27	60.6
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	1.19

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-04-SS-090602
ARI ID: 09-12545 PB06D

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	47.80
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	46.00
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	7.69
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.20	7.22
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	4.28	27.6
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	1.50

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-05-SS-090602
ARI ID: 09-12546 PB06E

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	51.10
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	48.30
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	6.53
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.19	7.58
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	40.5	502
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	2.45

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-06-SS-090602
ARI ID: 09-12547 PB06F

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	55.70
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	50.20
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	5.69
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.17	6.36
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	1.96	6.56
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	1.61

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-07-SS-090602
ARI ID: 09-12548 PB06G

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	64.90
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	68.10
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	6.29
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.14	8.98
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	2.93	46.8
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	2.08

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-08-SS-090602
ARI ID: 09-12549 PB06H

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	60.40
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	58.80
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	5.72
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.15	5.09
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	1.68	< 1.68 U
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	1.11

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-09-SS-090602
ARI ID: 09-12550 PB06I

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	54.50
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	51.20
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	7.60
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.16	8.94
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	1.95	5.10
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	2.14

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-10-SS-090602
ARI ID: 09-12551 PB06J

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	69.20
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	61.80
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	4.23
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.14	6.36
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	1.61	3.50
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	1.43

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-11-SS-090602
ARI ID: 09-12552 PB06K

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	44.90
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	41.50
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	8.73
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.20	13.6
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	23.8	136
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	1.52

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-12-SS-090602
ARI ID: 09-12553 PB06L

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	49.10
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	44.60
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	7.64
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.20	8.19
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	10.9	133
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	2.73

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-53-SS-090602
ARI ID: 09-12554 PB06M

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	48.10
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	44.70
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	7.16
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.20	6.20
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	21.6	174
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	1.61

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB06-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/10/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/02/09
Date Received: 06/02/09

Client ID: BW-54-SS-090602
ARI ID: 09-12555 PB06N

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/03/09 060309#1	EPA 160.3	Percent	0.01	47.40
Preserved Total Solids	06/04/09 060409#1	EPA 160.3	Percent	0.01	43.30
Total Volatile Solids	06/03/09 060309#1	EPA 160.4	Percent	0.01	8.10
N-Ammonia	06/05/09 060509#1	EPA 350.1M	mg-N/kg	0.21	5.50
Sulfide	06/04/09 060409#1	EPA 376.2	mg/kg	11.5	112
Total Organic Carbon	06/09/09 060909#1	Plumb,1981	Percent	0.020	2.73

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

General Chemistry Analysis
Instrument Raw Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

6-4-09

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

DATE: 6/3/2009

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

ANALYST: CDE 17:44

Batch drying time			*TS (%) calculated as:*	*TVS (mg/kg dry wt) calculated as:*
record times as mm/dd/yy hh:mm			*Final dry wt (g) = (Dry Wt - Tare Wt)*	*Final ash wt (g) = (min ash wt - tare wt)*
6/3/2009 17:44	time in oven	CDE	*TS = (Final Dry Wt)/ (grams Sample-Tare)*	*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
6/4/2009 9:38	time out	CDE		*if ash wt > dry wt, "Chk for Err"*
elapsed hrs =	15.9			*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

	Cal Weight ID	CV-02	CV-02	CV-02					CV-02	CV-02				
	Date & Time	6/3/09 16:36	6/3/09 15:27	6/4/09 9:51					6/4/09 11:10	6/4/09 12:07				
Cal Wt (g)	10.0000	10.0000	9.9999	10.0001					10.0001	10.0000				
record weights to 4 places		*Cal OK!*	*Cal OK!*	*Cal OK!*					*Cal OK!*	*Cal OK!*				

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	TVS (%)
Blank		0.0000	1.0991	1.0991			0.00		1.0986	1.0986	OK	0.00		
PB06 A2		6.1461	1.0547	3.3384			2.28	44.9%	3.1728	3.1661	OK	2.11	75,448	7.54%
PB06 B2		6.4378	1.1051	4.7494			3.64	68.3%	4.6464	4.6404	OK	3.54	29,910	2.99%
PB06 C2		7.0537	1.1177	3.9609			2.84	47.9%	3.7665	3.7589	OK	2.64	71,047	7.10%
PB06 D2		6.0724	1.0952	3.4746			2.38	47.8%	3.2953	3.2916	OK	2.20	76,910	7.69%
PB06 E2		6.0594	1.0729	3.6221			2.55	51.1%	3.4611	3.4556	OK	2.38	65,315	6.53%
PB06 F2		6.1676	1.1062	3.9257			2.82	55.7%	3.7706	3.7653	OK	2.66	56,890	5.69%
PB06 G3		7.0588	1.1275	4.9793			3.85	64.9%	4.7433	4.7372	OK	3.61	62,854	6.29%
PB06 G3 dup		6.4967	1.1187	4.6326			3.51	65.3%	4.3716	4.3682	OK	3.25	75,244	7.52%
							RPD =	0.61%				RPD =	17.94%	
PB06 G3 trp		6.8661	1.0916	4.8535			3.76	65.1%	4.6164	4.6117	OK	3.52	64,276	6.43%
							RSD =	0.31%				RSD =	10.05%	
PB06 H2		6.8390	1.1017	4.5662			3.46	60.4%	4.3727	4.3681	OK	3.27	57,180	5.72%
PB06 I 2		6.6978	1.1061	4.1521			3.05	54.5%	3.9249	3.9207	OK	2.81	75,968	7.60%
PB06 J2		6.2320	1.1074	4.6529			3.55	69.2%	4.5065	4.5028	OK	3.40	42,335	4.23%
PB06 K2		6.5700	1.1109	3.5597			2.45	44.9%	3.3498	3.3459	OK	2.24	87,308	8.73%
PB06 L2		6.1602	1.1113	3.5917			2.48	49.1%	3.4072	3.4022	OK	2.29	76,399	7.64%
PB06 M2		6.7297	1.0955	3.8052			2.71	48.1%	3.6161	3.6111	OK	2.52	71,632	7.16%
PB06 N2		6.0105	1.1017	3.4264			2.32	47.4%	3.2409	3.2381	OK	2.14	81,000	8.10%

PB06 : 91268

06/3/9 cmk

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 6/3/09 17:44

ANALYST: CMK

(A)

Batch drying time	TS (%) calculated as:	TVS (mg/kg dry wt) calculated as:
record times as mm/dd/yy hh:mm	Final dry wt (g) = (Dry Wt - Tare Wt)	Final ash wt (g) = (min ash wt - tare wt)
6/3/9 cmk time in oven 17:44	TS = (Final Dry Wt)/ (grams Sample-Tare)	TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000
6/4/9 cmk time out 9:38		if ash wt > dry wt, "Chk for Err"
elapsed hrs = 0.0 < 12 hr		if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000

Cal Weight ID	CV-02	CV-02	CV-02							CV-02	CV-02			
Date & Time	6/3/9 cmk	6/3/9 cmk	6/4/9 cmk							6/4/9 cmk	6/4/9 cmk			
Cal Wt (g) 10.0000	10.0000	9.9999	10.0001							10.0001	10.0000			
record weights to 4 places	16:36	15:27	9:51							11:10	12:07			

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	TVS (%)
Blank	1	0	1.0991	1.0991					1.0986	1.0986				
PB06 A[2]	2	6.1461	1.0547	3.3384					3.1728	3.1661				
B[2]	3	6.4378	1.1051	4.7494					4.6464	4.6404				
C[2]	4	7.0537	1.1177	3.9609					3.7665	3.7589				
D[2]	5	6.0724	1.0952	3.4746					3.2953	3.2916				
E[2]	6	6.0594	1.0729	3.6221					3.4611	3.4556				
F[2]	7	6.1676	1.1062	3.9257					3.7706	3.7653				
G[2]	8	7.0588	1.1275	4.9793					4.7433	4.7372				
DP G[2]	9	6.4967	1.1187	4.6326					4.3716	4.3682				
TP G[2]	10	6.3661	1.0916	4.8535					4.6164	4.6117				
H[2]	11	6.8390	1.1017	4.5662					4.3727	4.3681				
I[2]	12	6.6978	1.1061	4.1521					3.9249	3.9207				
J[2]	13	6.2320	1.1074	4.6529					4.5065	4.5028				
K[2]	14	6.5700	1.1109	3.5597					3.3498	3.3459				
L[2]	15	6.1602	1.1113	3.5917					3.4072	3.4022				
M[2]	16	6.7297	1.0955	3.8052					3.6161	3.6111				
N[2]	17	6.0105	1.1017	3.4264					3.2409	3.2381				
~~PB04 A[2]~~	~~18~~		~~1.1175~~											
~~DP A[2]~~	~~19~~		~~1.0993~~	Not Required					6/3/09 cmk					
~~TP A[2]~~	~~20~~		~~1.1213~~	6/3/9 cmk										
B[2]	21		1.0676											
C	22		1.0812											
D	23		1.1149	6/3/09 cmk										

PB06 : 91233

6-5-09

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 6/4/2009

ANALYST: CDE 17:57

Batch drying time			*TS (%) calculated as:*	*TVS (mg/kg dry wt) calculated as:*
record times as mm/dd/yy hh:mm			*Final dry wt (g) = (Dry Wt - Tare Wt)*	*Final ash wt (g) = (min ash wt - tare wt)*
6/4/2009 17:57	time in oven	CDE	*TS = (Final Dry Wt)/ (grams Sample-Tare)*	*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
6/5/2009 9:46	time out	CDE		*if ash wt > dry wt, "Chk for Err"*
elapsed hrs =	15.8		**ZnOAc Preserved**	*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

	Cal Weight ID	CV-02	CV-02	CV-02					CV-02	CV-02				
	Date & Time	6/4/09 15:47	6/4/09 15:44	6/5/09 10:03										
Cal Wt (g)	10.0000	10.0000	10.0000	10.0001										
record weights to 4 places		*Cal OK!*	*Cal OK!*	*Cal OK!*										

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	TVS (%)
Blank		0.0000	1.1098	1.1099			0.00							
PB06 A1		5.4890	1.1096	2.9793			1.87	42.7%						
PB06 B1		5.4598	1.0932	4.0113			2.92	66.8%						
PB06 C1		5.1774	1.1086	2.8794			1.77	43.5%						
PB06 D1		5.2312	1.0933	2.9970			1.90	46.0%						
PB06 E1		5.6943	1.1058	3.3209			2.22	48.3%						
PB06 F1		6.9501	1.0857	4.0322			2.95	50.2%						
PB06 G1		6.3356	1.1146	4.6716			3.56	68.1%						
PB06 G1 dup		6.5467	1.0798	4.7965			3.72	68.0%						
							RPD =	0.21%				RPD =		NA
PB06 G1 trp		6.5452	1.0819	4.8519			3.77	69.0%						
							RSD =	0.81%				RSD =		NA
PB06 H1		6.4016	1.1131	4.2237			3.11	58.8%						
PB06 I 1		6.6030	1.0698	3.9021			2.83	51.2%						
PB06 J1		6.6864	1.1311	4.5643			3.43	61.8%						
PB06 K1		6.1181	1.0797	3.1700			2.09	41.5%						
PB06 L1		6.5810	1.0839	3.5338			2.45	44.6%						
PB06 M1		6.6387	1.0752	3.5612			2.49	44.7%						
PB06 N1		6.6528	1.0823	3.4937			2.41	43.3%						

PB06.01216

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 6/4/09 17:57

ANALYST: CMC

Batch drying time

record times as mm/dd/yy hh:mm

6/4/9 CMC time in oven 17:57

6/5/9 CMC time out 9:46

elapsed hrs = 0.0 < 12 hr

TS (%) calculated as:

Final dry wt (g) = (Dry Wt - Tare Wt)

TS = (Final Dry Wt)/ (grams Sample-Tare)

Zn OAc Preserved

TVS (mg/kg dry wt) calculated as:

Final ash wt (g) = (min ash wt - tare wt)

*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*

if ash wt > dry wt, "Chk for Err"

*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

Cal Weight ID		CV-02	CV-02	CV-02							CV-02	CV-02				
Date & Time		6/4/9 CMC	6/3/9 CMC	6/4/9 CMC												
Cal Wt (g)	10.0000	10.0000	10.0000	10.0001												
record weights to 4 places		15:47	15:44	9:5108												
SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	TVS (%)
Blank	1	0	1.1098	1.1099										
PB06 A1	2	5.4890	1.1096	2.9793										
B1	3	5.4598	1.0932	4.0113										
C1	4	5.1774	1.1086	2.8794										
D1	5	5.2312	1.0933	2.9970										
E1	6	5.6943	1.1058	3.3209										
F1	7	6.9501	1.0957	4.0322										
G1	8	6.3356	1.1146	4.6716										
RE G1	9	6.5467	1.0798	4.7965										
RP G1	10	6.5452	1.0819	4.9519										
H1	11	6.4016	1.1131	4.2237										
I1	12	6.1603	1.0698	3.9021										
J1	13	6.6464	1.1311	4.5643										
K1	14	6.1181	1.0797	3.1700										
L1	15	6.5810	1.0839	3.5338										
M1	16	6.6387	1.0752	3.5612										
N1	17	6.6526	1.0823	3.4937										

6/4/09 CMC

PB06 : 6021

6-8-09

TOC Solids Prep Log

DATE:	6/3/2009
ANALYST:	CDE 17:50

acid purging to remove IC and drying at 70°C for TOC analysis

General notes regarding prep method and samples (identify the acid used)

make no entry to shaded cells, they are calculated

Sample ID		IC Test	Gravimetric Data (grams)			%	*Sample description & notes*
ARI #	Client	+ / -	Tare Wt.	Wet wt.	70°C dry wt	Solids	*(homogeneity and exclusions)*
Blank			13.0651	0.0000	13.0652	0.1 mg	
PB06 A2		-	13.0819	17.7024	15.3409	48.89%	
PB06 B2		-	13.1009	18.5194	17.0040	72.03%	
PB06 C2		-	13.0610	17.3602	15.4460	55.48%	
PB06 D2		-	13.1771	16.9050	15.2727	56.21%	
PB06 E2		-	13.1003	17.2030	15.6075	61.11%	
PB06 F2		-	13.1514	18.7632	16.5438	60.45%	
PB06 G3		-	13.1159	18.3452	16.7813	70.09%	
PB06 G3		-	13.0894	18.7294	17.3547	75.63%	
PB06 G3		-	13.1313	18.7749	17.2665	73.27%	
PB06 H2		-	13.0807	17.6278	16.0151	64.53%	
PB06 I 2		-	13.0467	18.5947	16.4118	60.65%	
PB06 J2		-	13.0945	18.9125	17.3429	73.02%	
PB06 K2		-	13.1089	18.8916	16.5764	59.96%	
PB06 L2		-	13.1360	19.4978	16.7317	56.52%	
PB06 M2		-	13.1869	17.4972	15.4678	52.92%	
PB06 N2		-	13.1310	17.3841	15.2984	50.96%	
Blank			13.0662	0.0000	13.0663	0.00%	
PB11 A1		-	13.0952	18.0417	16.1623	62.01%	
PB11 B1		-	13.1301	18.8302	17.1285	70.15%	
PB11 C1		-	13.0992	17.7591	16.2292	67.17%	
PB11 C1		-	13.1285	18.7636	16.8343	65.76%	
PB11 C1		-	13.0891	18.0940	16.2285	62.73%	
PB04 A2		+-	13.1688	18.1451	17.4591	86.21%	
PB04 B2		-	13.1092	18.6050	17.6073	81.85%	
PB04 C		+-	13.0801	18.0979	17.4667	87.42%	
PB04 D		-	13.2233	18.6828	17.1069	71.13%	

6-5-09

SULFIDE BENCHSHEET (Spectrophotometric, EPA 376.2)
Soils, sediments and solid phase samples

	Date Time	Analyst
Distillation	6/4/09 11:55	CR/BL
Finish	6/5/09 10:55	CR/BL

If distilled, specify Procedure: **PSEP**

1. Standardization of sodium thiosulfate titrant

Buret used for titrations:

Thiosulfate ID: **6925C**
Bi-iodate ID: **0086-10**
Stock bi-iodate = **0.8125** *grams to* 1000 *mL*
Normality = **0.025**

Titration of bi-iodate with thiosulfate

mL bi-iodate =	3.000	3.000	3.000	
mL thiosulfate =	3.00	3.01	3.02	*nthio*
*Normality thiosulfate = (mL bi-iodate*normbio) / mL thiosulfate =*	0.025	0.025	0.025	**0.025**

2. Normality of Iodine

Iodine ID: ***6886C***

Titration of Iodine with thiosulfate

mL iodine =	3.000	3.000	3.000	
mL thiosulfate =	2.840	2.850	2.870	*ni*
*Normality iodine = (mL thiosulfate*nthio) / mL iodine=*	0.024	0.024	0.024	**0.024**

3. Standardization of Sodium Sulfide Stock

Stock ID = **0094-03**
Approx conc in 100ml
g Na2S = 0.5007 *mg /mL =* 0.668

Titration of standard with thiosulfate

mL Standard =	1.00	1.00	1.00	
mL iodine =	3.00	3.00	3.00	
mL thiosulfate =	1.35	1.35	1.36	*stkconc (mg/mL)*
*Sulfide (mg/mL) = {[(mL iodine*ni)-(mL thio *nthio)]*16) / mL standard =*	0.599	0.599	0.595	**0.598**

Intermediate Standard

Add 10.45 *mL stk to* 250 *mL 0.01M NaOH =* **0.025** ***mg/mL***

4. Calibration Standard Curve

spectrophotometer used:

Inter Std Volume (mL)	Final Volume (mL)	Calc Conc (mg S/L)	Absorbance @650 nm 1	Absorbance @650 nm 2	AVG ABS	mg/L
0.00	50	0.000	0.000		0.000	-0.001
0.10	50	0.050	0.030		0.030	E 0.043
0.25	50	0.125	0.079		0.079	0.114
0.50	50	0.250	0.176		0.176	0.255
1.00	50	0.500	0.365		0.365	0.529
2.00	50	1.000	0.680		0.680	0.986
Calib Verif Std =	1	*ml int to*	50	*ml ZnOAc=*	0.500	*mg/l*
Distillation Std =	1	*ml stk to*	100	=	5.98	*mg/l*

RegressionData

intercept = 0.001
slope = 0.689
r = 0.9991

Comment: Calibration OK!

maxabs = 0.680

SAMPLE DATA

enter dilution as mL final/mL sample

SAMPLE ID	Distillation Data: SAMPLE SIZE	% Solids	TRAP VOLUME (ml)	Spectrophotometric Data: Dilution Factor	Abs @ 650 nm: Sample	Abs @ 650 nm: Bkg	regressed Conc (mg S/L)	SAMPLE DATA: CORR CONC (ppm)	
ICB		na	na	1.00	0.000		-0.001	< 0.05	*OK*
ICV		na	na	1.00	0.319		0.462	0.462	*92%*
Distilled samples									
Dist Blk	100.0	100%	100	1.00	-0.002		-0.004	< 0.05	*OK*
Dist Chk	100.0	100%	100	10.00	0.374		0.542	5.420	*91%*
Soil Samples	**(grams)**	**% Solids**	**(mL)**		**Sample**	**Bkg**	**(mg/L)**	**mg/kg**	
PB06 A1	5.004	42.7%	100	5.0	0.185		0.268	62.623	
PB06 B1	5.013	66.8%	100	1.0	0.206		0.298	8.902	
~~PB06 C1~~	~~5.390~~	~~43.4%~~	~~100~~	~~10~~	~~0.089~~		~~0.128~~	~~54.823~~	-
~~PB06 D1~~	~~5.076~~	~~46.0%~~	~~100~~	~~10~~	~~0.029~~		~~0.041~~	~~< 21.414~~	-
PB06 E1	5.106	48.3%	100	20	0.427		0.619	501.931	
~~PB06 F1~~	~~5.069~~	~~50.2%~~	~~100~~	~~5.0~~	~~0.005~~		~~0.006~~	~~< 9.825~~	-
~~PB06 H1~~	~~5.068~~	~~58.8%~~	~~100~~	~~10~~	~~-0.015~~		~~-0.023~~	~~< 16.779~~	-
PB06 I1	5.022	51.2%	100	1.0	0.091		0.131	5.101	
Cal Blk		na	na	1.00	0.000		-0.001	< 0.05	*OK*
CCV		na	na	1.00	0.346		0.501	0.501	*100%*

SAMPLE DATA

enter dilution as mL final/mL sample

	Distillation Data			Spectrophotometric Data				SAMPLE DATA	
SAMPLE ID	SAMPLE SIZE	% Solids	TRAP VOLUME (ml)	Dilution Factor	Abs @ 650 nm Sample	Bkg	regressed Conc (mg S/L)	CORR CONC (ppm)	
~~PB06 G1~~	~~5.010~~	~~68.1%~~	~~100~~	~~1~~	~~1.201~~		~~1.743~~	~~51.075~~	~~offscale~~
~~PB06 G1 dup~~	~~5.108~~	~~68.1%~~	~~100~~	~~1~~	~~1.017~~		~~1.475~~	~~42.416~~	~~offscale~~
~~PB06 G1 ms~~	~~5.111~~	~~68.1%~~	~~100~~	~~10~~	~~0.419~~		~~0.607~~	~~174.487~~	~~71.82%~~
		~~Spike at~~	~~1.00~~	~~ml stock to~~	~~3.481~~	~~g dry wt =~~		~~171.840~~	~~mg/kg~~
PB06 J1	5.040	61.8%	100	1	0.076		0.109	3.512	
PB06 K1	5.059	41.5%	100	10	0.198		0.286	136.455	
~~PB06 L1~~	~~5.127~~	~~44.6%~~	~~100~~	~~1~~	~~1.758~~		~~2.551~~	~~111.569~~	~~offscale~~
PB06 M1	5.177	44.7%	100	10	0.279		0.404	174.613	
PB06 N1	5.040	43.3%	100	5	0.336		0.487	111.538	
Cal Blk		na	na	1.00	0.006		0.008	< 0.05	OK
CCV		na	na	1.00	0.347		0.503	0.503	101%
PB06 C1	5.390	43.4%	100	2	0.490		0.710	60.736	
PB06 D1	5.076	46.0%	100	2	0.223		0.323	27.647	
PB06 F1	5.069	50.2%	100	1	0.116		0.167	6.580	
PB06 H1	5.068	58.8%	100	1	0.021		0.030	< 1.678	
PB06 L1	5.127	44.6%	100	5	0.421		0.610	133.432	
~~PB06 G1~~	~~5.010~~	~~68.1%~~	~~100~~	~~2~~	~~0.615~~		~~0.892~~	~~52.281~~	-
~~PB06 G1 dup~~	~~5.108~~	~~68.1%~~	~~100~~	~~2~~	~~0.567~~		~~0.822~~	~~47.271~~	~~RPD=10.06%~~
~~PB06 G1 ms~~	~~5.111~~	~~68.1%~~	~~100~~	~~10~~	~~0.409~~		~~0.593~~	~~170.316~~	~~68.69%~~
		~~Spike at~~	~~1.00~~	~~ml stock to~~	~~3.481~~	~~g dry wt =~~		~~171.840~~	~~mg/kg~~
Cal Blk		na	na	1.00	0.007		0.009	< 0.05	OK
CCV		na	na	1.00	0.347		0.503	0.503	101%
PB06 G1	5.010	68.1%	100	2	0.551		0.799	46.834	
PB06 G1 dup	5.108	68.1%	100	2	0.606		0.879	50.526	RPD=7.58%
PB06 G1 ms	5.111	68.1%	100	10	0.395		0.572	164.477	68.46%
		Spike at	1.00	ml stock to	3.481	g dry wt =		171.840	mg/kg
Cal Blk		na	na	1.00	-0.001		-0.002	< 0.05	OK
~~CCV~~		~~na~~	~~na~~	~~1.00~~	~~0.306~~		~~0.443~~	~~0.443~~	~~89%~~
CCV		na	na	1.00	0.344		0.498	0.498	100%

SULFIDE BENCHSHEET (Spectrophotometric, EPA 376.2)
Soils, sediments and solid phase samples

	Date Time	Analyst
Distillation	6/4/09 11:55	CR/BL
Finish		

If distilled, specify Procedure: **PSEP**

1. Standardization of sodium thiosulfate titrant

Buret used for titrations:

Thiosulfate ID: **6925C**
Bi-iodate ID: **0086-10**
Stock bi-iodate = **0.8125** *grams to* 1000 *mL*
Normality = **0.025**

Titration of bi-iodate with thiosulfate

mL bi-iodate =	3.000	3.000	3.000	
mL thiosulfate =	3.000	3.010	3.020	*nthio*
*Normality thiosulfate = (mL bi-iodate*normbio) / mL thiosulfate =*				

2. Normality of Iodine

Iodine ID: **6886C**

Titration of Iodine with thiosulfate

mL iodine =	3.000	3.000	3.000	
mL thiosulfate =	2.84	2.85	2.87	*ni*
*Normality iodine = (mL thiosulfate*nthio) / mL iodine=*				

3. Standardization of Sodium Sulfide Stock

Stock ID = **0094-03**
Approx conc in 100ml
g Na2S = 0.5007 *mg /mL =* 0.668

Titration of standard with thiosulfate

mL Standard =	1.00	1.00	1.00	
mL iodine =	3.00	3.00	3.00	
mL thiosulfate =	1.35	1.35	1.36	*stkconc (mg/mL)*
*Sulfide (mg/mL) = {[(mL iodine*ni)-(mL thio *nthio)]*16) / mL standard =*				

Intermediate Standard
Add 10.45 *mL stk to* 250 *mL 0.01M NaOH =* ***mg/mL***

4. Calibration Standard Curve

spectrophotometer used:

Inter Std Volume (mL)	Final Volume (mL)	Calc Conc (mg S/L)	Absorbance @650 nm 1	Absorbance @650 nm 2	AVG ABS	mg/L
0.00	50	0.000	0.000			
0.10	50	0.050	0.030			
0.25	50	0.125	0.079			
0.50	50	0.250	0.176			
1.00	50	0.500	0.365			
2.00	50	1.000	0.680			
Calib Verif Std =	1	*ml int to*	50	*ml ZnOAc=*		*mg/l*
Distillation Std =	1	*ml stk to*	100	*=*		*mg/l*

RegressionData
intercept =
slope =
r =
Comment:
maxabs =

SAMPLE DATA

enter dilution as mL final/mL sample

	Distillation Data			Spectrophotometric Data				SAMPLE DATA	
SAMPLE ID	SAMPLE SIZE	% Solids	TRAP VOLUME (ml)	Dilution Factor	Abs @ 650 nm Sample	Bkg	regressed Conc (mg S/L)	CORR CONC (ppm)	
ICB		na	na	1.00	0.000				
ICV		na	na	1.00	0.319				
Distilled samples									
Dist Blk	100.0	100%	100	1.00	-0.002				
Dist Chk	100.0	100%	100	1.00	0.374				
Soil Samples	**(grams)**	**% Solids**	**(mL)**		**Sample**	**Bkg**	**(mg/L)**	**mg/kg**	
PB06 A1	5.004		100	1.00	0.185				
PB06 B1	5.013		100	1.00	0.206				
PB06 C1	5.390		100	1.00	0.089				
PB06 D1	5.076		100	1.00	0.079				
PB06 E1	5.106		100	1.00	0.427				
PB06 F1	5.069		100	1.00	0.005				
PB06 H1	5.068		100	1.00	-0.015				
PB06 I1	5.022		100	1.00	0.091				
Cal Blk		na	na	1.00	0.000				
CCV		na	na	1.00	0.346				

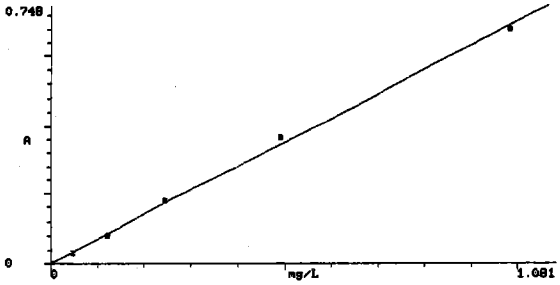
SAMPLE DATA

enter dilution as mL final/mL sample

	Distillation Data			Spectrophotometric Data				SAMPLE DATA	
SAMPLE ID	SAMPLE SIZE	% Solids	TRAP VOLUME (ml)	Dilution Factor	Abs @ 650 nm Sample	Bkg	regressed Conc (mg S/L)	CORR CONC (ppm)	
PB06 G1	5.010		100	1.00	1.201				
PB06 G1 dup	5.108	0.0%	100	1.00	1.017				
PB06 G1 ms	5.111	0.0%	100	1.00	0.419				
		Spike at	*1.00*	*ml stock to*	*0.000*	*g dry wt =*		*#VALUE!*	*mg/kg*
PB06 J1	5.040		100	1.00	0.076				
PB06 K1	5.059		100	1.00	0.198				
PB06 L1	5.127		100	1.00	1.758				
PB06 M1	5.177		100	1.00	0.279				
PB06 N1	5.040		100	1.00	0.336				
Cal Blk		na	na	1.00	0.006				
CCV		na	na	1.00	0.347				
PB06 C1			100	1.00	0.490				
D1			100	1.00	0.223				
F1			100	1.00	0.116				
H1			100	1.00	0.021				
L1			100	1.00	0.421				
G1			100	1.00	0.615				
G1 Dup			100	1.00	0.567				
G1 MS			100	1.00	0.409				
~~			~~100~~	~~1.00~~					
~~			~~100~~	~~1.00~~					
Cal Blk		na	na	1.00	0.007				
CCV		na	na	1.00	0.347				
PB06 G1			100	1.00	0.551				
G1 Dup			100	1.00	0.606				
G1 MS			100	1.00	0.395				
CCB			100	1.00	-0.001				
CCV			100	1.00	0.306				
CCV			100	1.00	0.344				
			100	1.00					
			100	1.00					
			100	1.00					
			100	1.00					
Cal Blk		na	na	1.00					
CCV		na	na	1.00					

TEST SETUP
GENESYS 10 v2.021 2G2G048006

Standard Curve	10:55 5Jun09
Test Name	SULFIDE
Date Standards Measured	5Jun09
Wavelength	650nm
Ref. Wavelength Correction	Off
Curve Fit	Linear
Number of Standards	6
Units	mg/L
ID# (0=OFF)	Off
Low/High Limits	0.050/1.000
Statistics	Off
Auto Print	On



Curve Fit	Linear
Slope	0.701
Intercept	0.000667
Std Dev	0.012
Corr Coeff	0.999

Conc. mg/L	Abs 650nm
0.000	0.000
0.049	0.030
0.123	0.079
0.246	0.176
0.491	0.365
0.983	0.680

au/BL
6-5-09

TEST SETUP
GENESYS 10 v2.021 2G2G048006

Advanced A-%T-C	11:54 5Jun09
Test Name	SULFIDE[Saved]
Measurement Mode	Absorbance
Wavelength	650nm
Ref. Wavelength Correction	Off
Delay Time (min:sec)	0:00
ID# (0=OFF)	1
Low/High Limits	0.000/1.000
Statistics	Off
Auto Print	On

ID#	Abs 650nm
1	0.000

2 0.319

3 -0.002

4 0.374

5 0.185

6 0.206

7 0.089

8 0.029

9 0.427

10 0.005

11 -0.015

12 0.091

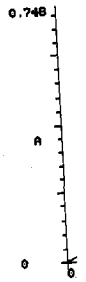
13 ~~-0.024~~ 6-5-04

14 0.000

15 0.346

TEST SETU
GENESYS 1 16 1.201

Standard
Test Nam
Date Sta
Wavelens 17 1.017
Ref. Wav
Curve Fi
Number (
Units
ID# (O=
Low/Hig 18 0.419
Statist
Auto Pr



19 0.076

20 0.198

Curv 21 1.758
Slop
Inte
Std
Corr 22 0.279
C

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23 0.336

24 0.006

25 0.347

26 0.490

27 0.223

28 0.116

29 0.021

30 0.412

31 0.615

32 0.567

33 0.409

34 0.007

35 0.347

36 0.551

37 0.606

38 0.395

39 -0.001

40 0.306

41 0.344

6-5-09

Original Run Filename: OM_6-5-2009_01-57-36PM.OMN created 6/5/2009 1:57:36 PM
Original Run Author's Signature: RR
Current Run Filename: 060509NH3A.omn last modified 6/5/2009 3:26:13 PM
Description: 060509NH3A LACHAT1
Standards made from ARI Stock# 0091-10

Sample	Cup No.	Channel 1 NH3 Conc. (mg N/L)	Channel 1 NH3 Area (Vs)	Detection Time	MANUAL DILUTION FACTOR	
STD 1.0	S1	1	32.9502	6/5/2009@1:58:35 PM		
STD 0.8	S2	0.8	26.4825	6/5/2009@1:59:45 PM		
STD 0.5	S3	0.5	16.5016	6/5/2009@2:00:56 PM		
STD 0.2	S4	0.2	6.5249	6/5/2009@2:02:07 PM		
STD 0.05	S5	0.05	1.6556	6/5/2009@2:03:17 PM		
STD 0.02	S6	0.02	0.6077	6/5/2009@2:04:28 PM		
STD 0.01	S7	0.01	0.3542	6/5/2009@2:05:39 PM		
BLANK	S8	0	-0.0507	6/5/2009@2:06:50 PM		
ICV ERA 04088	9	0.4942	16.3010	6/5/2009@2:08:00 PM		%R= 98.84
Known Conc:		0.5				
ICB	10	-0.001	-0.0576	6/5/2009@2:13:14 PM		
Known Conc:		0				
LOW	11	0.0093	0.2803	6/5/2009@2:18:30 PM		%R= 93.00
Known Conc:		0.01				
PREP BLANK	12	-0.0002	-0.0323	6/5/2009@2:23:44 PM		
PREP CHECK	13	5.0432	16.6346	6/5/2009@2:24:55 PM	10.0000	%R= 100.86
PB06 A2	14	0.4001	13.1909	6/5/2009@2:26:06 PM		
PB06 B2	15	0.3661	12.0683	6/5/2009@2:27:17 PM		
PB06 C2	16	0.3093	10.1922	6/5/2009@2:28:28 PM		
PB06 D2	17	0.3569	11.7661	6/5/2009@2:29:40 PM		

PB06 E2	18	0.392	12.9250	6/5/2009@2:30:50 PM	
PB06 F2	19	0.3794	12.5074	6/5/2009@2:32:02 PM	
PB06 G3	20	0.6368	21.0101	6/5/2009@2:33:12 PM	
CCV	21	0.4994	16.4710	6/5/2009@2:34:24 PM	
Known Conc:		0.5			
CCB	22	-0.0016	-0.0798	6/5/2009@2:39:39 PM	
Known Conc:		0			
PB06 G3 DUP	23	0.6099	20.1226	6/5/2009@2:44:53 PM	
PB06 G3 MS	24	10.1018	16.6602	6/5/2009@2:46:04 PM	20.0000
PB06 H2	25	0.3407	11.2308	6/5/2009@2:47:15 PM	
PB06 I2	26	0.542	17.8786	6/5/2009@2:48:27 PM	
PB06 J2	27	0.4505	14.8554	6/5/2009@2:49:39 PM	
PB06 K2	28	0.6894	22.7482	6/5/2009@2:50:50 PM	
PB06 L2	29	0.4073	13.4293	6/5/2009@2:52:01 PM	
~~PB06 M2~~	~~30~~	~~0.3184~~	~~5.2343~~	~~6/5/2009@2:53:12 PM~~	~~2.0000~~
PB06 N2	31	0.2681	8.8322	6/5/2009@2:54:24 PM	
OW87 L1	32	84.6113	13.9502	6/5/2009@2:55:36 PM	200.0000
CCV	21	0.4999	16.4902	6/5/2009@2:56:48 PM	
Known Conc:		0.5			
CCB	22	0.002	0.0393	6/5/2009@3:02:04 PM	
Known Conc:		0			
OW87 L1 DUP	33	87.3849	14.4083	6/5/2009@3:07:19 PM	200.0000
PB06 M2	34	0.3159	10.4107	6/5/2009@3:08:31 PM	
CCV	21	0.501	16.5236	6/5/2009@3:09:43 PM	
Known Conc:		0.5			
CCB	22	-0.0011	-0.0614	6/5/2009@3:14:59 PM	
Known Conc:		0			

%R= 99.88

%RPD= 4.32

%R= 94.65

%R= 99.98

%R= 100.20

6-9-09

TOC, Solids Data Analysis, DC-190

Mode: NPOC Inlet: Boat DATE: 6/8/09 10:10
Spike Std = 2,000 ppm C ANALYST: KE

Calibration Data

Calibration Standard Source: ARI # 0094 - 06 Conc (ppm): 2,000

Observed Values (µg/g)			mean	Cal Factor
1,499	1,451	1,515	1,488	1.344

Verification Standard Source: ERA 0506 - 09 - 01 Conc (ppm): 5,000

Standard Reference Material Source: NIST 8704 Conc (ppm): 33,510

Blank Data

System Blanks (enter "observed C")

Replicate	1	2	3	4	5	Mean	condition
ppm	43.00	22.03	7.87	3.71		19.15	OK !

Historical Blank Limits: mean 17.8, stdev 7.23, LBL -3.9, UBL 39.5

Silica Blanks (enter "corrected C" at end of run)

Replicate	1	2	3	4	5	Mean	condition

Sample Data *(Entered data must match the Dohrmann output report !)*

"Corrected C" (no dilution) = "Observed C" - Mean Blank

*"Corrected C" (with dilution) = ("Observed C" - (Mean silica Blank * %Silica)) * Dilution Factor*

Sample ID	Dilution Data: Sample wt. (mg)	Final wt. (mg)	Silica (%)	Dilution Factor	Spike (µL Std)	Combustion Data: Burn wt. (mg)	Observed C (ppm C)	Corrected C (ppm C)	
ICV				1.00		10.0	4651	4,632	92.64%
Blank				1.00		10.0	43		Blank OK
NIST 8704				1.00		3.8	31490	31,471	93.91%
PA75 G2				1.00		2.0	10520	10,501	Range OK!
PA75 H2				1.00		2.9	9076	9,057	Range OK!
PA75 I 2				1.00		2.6	10200	10,181	Range OK!
PA75 J 2				1.00		3.0	6256	6,237	Range OK!
PA75 K2				1.00		2.0	8540	8,521	Range OK!
PA75 L2				1.00		3.2	7831	7,812	Range OK!
PA75 M2				1.00		3.2	12480	12,461	Range OK!
PA75 N2				1.00		3.1	12510	12,491	Range OK!
PB25 A3				1.00		0.9	35850	35,831	Range OK!
CCV				1.00		10.0	5370	5,351	107.02%
Blank				1.00		10.0	22.03		Blank OK
PB26 A2				1.00		1.3	8517	8,498	Range OK!
PB26 B2				1.00		1.4	4801	4,782	Range OK!
PB35 K4				1.00		2.2	10720	10,701	Range OK!
PB35 K4 dup				1.00		2.3	9551	9,532	RPD=11.6%
PB35 K4 trp				1.00		2.3	11100	11,081	RSD=7.7%
~~PB35 K4 ms~~			-	~~1.00~~	~~10~~	~~1.9~~	~~25010~~	~~24,991~~	Range OK!
~~Spike =~~	~~0.02~~	~~mg C to~~	~~1.9~~	~~mg samp=~~	~~10,526~~	~~ppm~~		~~136%~~	
PB35 K4 ms				1.00	10	1.7	21760	21,741	Range OK!
Spike =	0.02	mg C to	1.7	mg samp=	11,765	ppm		94%	
PB35 A1				1.00		2.0	19910	19,891	Range OK!
PB35 C1				1.00		1.7	30430	30,411	Range OK!
PB35 E1				1.00		1.6	22080	22,061	Range OK!
~~CCV~~			-	~~1.00~~		~~10.0~~	~~5556~~	~~5,537~~	~~110.74%~~
CCV				1.00		10.0	5406	5,387	107.74%
Blank				1.00		10.0	7.872		Blank OK
PB35 G1				1.00		1.5	20970	20,951	Range OK!
PB35 I 2				1.00		1.5	32870	32,851	Range OK!
PB35 J 2				1.00		1.1	53230	53,211	Range OK!
PB35 M2				1.00		2.2	9862	9,843	Range OK!

Sample Data *(Entered data must match the Dohrmann output report !)*

"Corrected C" (no dilution) = "Observed C" - Mean Blank

*"Corrected C" (with dilution) = ("Observed C" - (Mean silica Blank * %Silica)) * Dilution Factor*

Sample ID	Dilution Data				Spike	Combustion Data			
	Sample wt. (mg)	Final wt. (mg)	Silica (%)	Dilution Factor	(µL Std)	Burn wt. (mg)	Observed C (ppm C)	Corrected C (ppm C)	
PB35 O2				1.00		2.4	7910	7,891	*Range OK!*
PB35' Q2				1.00		3.2	13940	13,921	*Range OK!*
PB06 A2				1.00		2.2	25070	25,051	*Range OK!*
PB06 B2				1.00		1.6	18150	18,131	*Range OK!*
PB06 C2				1.00		3.1	10270	10,251	*Range OK!*
PB06 D2				1.00		1.5	12800	12,781	*Range OK!*
~~NIST 8704~~			-	~~1.00~~		~~3.4~~	~~24660~~	~~24,641~~	~~*73.63%*~~
NIST 8704				1.00		3.7	32170	32,151	*95.94%*
CCV				1.00		10.0	4833	4,814	*96.28%*
Blank				1.00		10.0	3.711		*Blank OK*

TOC, Solids Data Analysis, DC-190

DATE: 6/9/09 11:14

Mode: NPOC *Inlet:* Boat

ANALYST: KE

Spike Std = **2,000** *ppm C*

Calibration Data

Calibration Standard Source: **ARI # 0094 - 06** *Conc (ppm):* **2,000**

Observed Values (µg/g)			mean	*Cal Factor*
1,499	1,451	1,515	1,488	*1.344*

Verification Standard *Source:* **ERA 0506 - 09 - 01** *Conc (ppm):* **5,000**

Standard Reference Material *Source:* ***NIST 8704*** *Conc (ppm):* **33,510**

Blank Data

System Blanks (enter "observed C")

Replicate Determinations						Mean	condition
Replicate	1	2	3	4	5		
ppm	7.38	23.71	4.73	6.80		10.65	*OK !*

Historical Blank Limits

mean	*stdev*
17.8	7.23
LBL	-3.9
UBL	39.5

Silica Blanks (enter "corrected C" at end of run)

Replicate	1	2	3	4	5	Mean	condition

Sample Data *(Entered data must match the Dohrmann output report !)*

"Corrected C" (no dilution) = "Observed C" - Mean Blank

*"Corrected C" (with dilution) = ("Observed C" - (Mean silica Blank * %Silica)) * Dilution Factor*

Sample ID	Dilution Data: Sample wt. (mg)	Final wt. (mg)	Silica (%)	Dilution Factor	Spike (µL Std)	Combustion Data: Burn wt. (mg)	Observed C (ppm C)	Corrected C (ppm C)	
ICV				1.00		10.0	4854	4,843	*96.87%*
Blank				1.00		10.0	7.379		*Blank OK*
NIST 8704				1.00		3.1	31700	31,689	*94.57%*
PB06 E2				1.00		1.3	20490	20,479	*Range OK!*
PB06 F2				1.00		1.4	14800	14,789	*Range OK!*
~~PB06 G3~~			-	~~1.00~~		~~1.5~~	~~17200~~	~~17,189~~	~~*Range OK!*~~
~~PB06 G3 dup~~				~~1.00~~		~~1.7~~	~~23970~~	~~23,959~~	~~*RPD=32.0%*~~
~~PB06 G3 trp~~				~~1.00~~		~~1.7~~	~~11490~~	~~11,479~~	~~*RSD=35.6%*~~
PB06 G3				1.00		1.7	19270	19,259	*Range OK!*
PB06 G3 dup				1.00		1.9	20400	20,389	*RPD=5.7%*
PB06 G3 trp				1.00		2.0	17590	17,579	*RSD=7.4%*
PB06 G3 ms				1.00	10	1.0	41780	41,769	*Range OK!*
Spike =	*0.02*	*mg C to*	*1.0*	*mg samp=*	*20,000*	*ppm*		*113%*	
CCV				1.00		10.0	5057	5,046	*100.93%*
Blank				1.00		10.0	23.71		*Blank OK*
PB06 H2				1.00		1.8	10360	10,349	*Range OK!*
PB06 I 2				1.00		1.1	19280	19,269	*Range OK!*
PB06 J 2				1.00		1.6	13550	13,539	*Range OK!*
PB06 K2				1.00		2.3	11410	11,399	*Range OK!*
PB06 L2				1.00		1.7	23760	23,749	*Range OK!*
PB06 M2				1.00		2.0	14620	14,609	*Range OK!*
PB06 N2				1.00		1.4	25370	25,359	*Range OK!*
PB76 A1				1.00		1.1	62150	62,139	*Range OK!*
PB76 B1				1.00		0.9	46840	46,829	*Range OK!*
CCV				1.00		10.0	5076	5,065	*101.31%*
Blank				1.00		10.0	4.727		*Blank OK*
PB76 C1				1.00		0.9	50830	50,819	*Range OK!*
PB76 C1 dup				1.00		1.0	45670	45,659	*RPD=10.7%*
PB76 C1 trp				1.00		0.9	53290	53,279	*RSD=7.8%*
PB76 C1 ms				1.00	30	0.9	121000	120,989	*Range OK!*
Spike =	*0.06*	*mg C to*	*0.9*	*mg samp=*	*66,667*	*ppm*		*105%*	
NIST 8704				1.00		3.0	29020	29,009	*86.57%*
CCV				1.00		10.0	4784	4,773	*95.47%*

Sample Data *(Entered data must match the Dohrmann output report !)*

"Corrected C" (no dilution) = "Observed C" - Mean Blank

*"Corrected C" (with dilution) = ("Observed C" - (Mean silica Blank * %Silica)) * Dilution Factor*

Sample ID	Dilution Data				Spike	Combustion Data			
	Sample wt. (mg)	Final wt. (mg)	Silica (%)	Dilution Factor	(µL Std)	Burn wt. (mg)	Observed C (ppm C)	Corrected C (ppm C)	
Blank				1.00		10.0	6.803		*Blank OK*

CORRECTIVE ACTIONS - Inorganic Analyses

ANALYTICAL RESOURCES INCORPORATED

ARI Project No.: PB06

Criteria Flagged

Client Name: Anchor Environmental LLC

Date of Out-of-Control Event: 6/5/09

Method/Element: Sulfide

Unacceptable Blank	
Unacceptable Duplicate	
Unacceptable Spike	X
Unacceptable Reference	

Prep Code:

Other:

Details of Problem/Recommended Corrective Action: The spike recovery was low either do to a mis-spike or matrix interference. LCS and Dup's were in control.

Samples Affected: PB06' 61

Corrective Action Taken: The spike was colored and read on the spectrometer 3 seperate times, and each time the recovery was low

Analyst: BL

Supervisor: W

Date: 6/5/09

Date: 6-5-09

5049F

Rev. 6
10/28/02

Geotechnical Analysis

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB06

prepared
by

Analytical Resources, Inc.

Anchor Environmental, LLC
080207-02
Bay Wood Products

Apparent Grain Size Distribution Summary
Percent Finer Than Indicated Size

Sample No.	Gravel			Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Silt				Clay	
Phi Size	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
Sieve Size (microns)	3/8"	#4 (4750)	#10 (2000)	#18 (1000)	#35 (500)	#60 (250)	#120 (125)	#230 (63)	31.00	15.60	7.80	3.90	2.00	1.00
BW-01-SS-090602	100.0	100.0	100.0	99.1	97.6	96.3	95.8	95.2	90.4	67.8	37.9	19.9	12.2	6.7
	100.0	100.0	99.9	98.8	97.4	96.2	95.7	95.1	90.6	66.9	38.2	19.8	13.7	7.1
	100.0	100.0	94.6	93.7	92.2	90.9	90.4	89.8	86.2	62.8	36.3	19.3	11.7	6.5
BW-02-SS-090602	100.0	99.9	99.2	95.5	77.8	44.2	31.6	29.5	24.5	17.5	10.4	6.2	3.9	2.1
BW-03-SS-090602	100.0	100.0	100.0	98.6	97.4	96.4	95.7	94.7	88.2	61.4	35.1	20.3	13.0	7.4
BW-04-SS-090602	100.0	100.0	99.9	98.3	96.8	95.3	94.0	92.2	80.2	53.7	29.1	16.4	10.2	5.8
BW-05-SS-090602	100.0	100.0	99.9	98.7	97.1	94.9	92.5	86.4	62.4	38.2	21.6	13.7	9.0	5.2
BW-06-SS-090602	100.0	98.5	98.3	97.6	96.6	94.8	91.1	78.0	45.7	28.7	16.7	10.9	7.1	3.9
BW-07-SS-090602	100.0	97.8	95.6	91.7	74.7	30.0	19.5	17.0	12.1	6.9	3.8	2.5	1.7	1.0
BW-08-SS-090602	100.0	99.7	99.4	98.7	96.9	92.0	76.9	45.1	23.9	16.4	11.6	8.5	6.3	4.1
BW-09-SS-090602	100.0	100.0	99.9	98.4	96.9	94.4	90.8	81.2	50.1	25.7	14.3	10.2	7.2	4.5
BW-10-SS-090602	100.0	99.9	99.3	97.4	87.0	55.3	40.9	30.4	18.1	12.4	8.6	6.1	4.5	2.9
BW-11-SS-090602	100.0	100.0	99.5	98.2	96.7	95.3	94.1	91.3	70.3	47.5	26.2	13.7	8.8	5.6
BW-12-SS-090602	100.0	100.0	99.6	98.1	96.7	95.2	93.4	89.5	71.6	47.5	26.0	13.7	9.1	6.3
BW-53-SS-090602	100.0	100.0	99.8	98.2	97.2	96.5	96.0	95.1	82.4	60.1	34.2	19.0	12.7	7.7
BW-54-SS-090602	100.0	100.0	100.0	98.3	97.2	96.4	95.5	93.9	78.4	53.5	28.5	16.5	10.3	5.9

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Anchor Environmental, LLC
080207-02
Bay Wood Products

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay			Total Fines
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10	<4
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0	<230 (<62)
BW-01-SS-090602	0.0	0.8	1.5	1.3	0.5	0.6	4.8	22.6	29.8	18.0	7.7	5.5	6.7	95.2
	0.1	1.2	1.3	1.2	0.5	0.6	4.5	23.7	28.7	18.4	6.0	6.7	7.1	95.1
	5.4	0.9	1.5	1.3	0.5	0.6	3.7	23.3	26.5	17.1	7.5	5.2	6.5	89.8
BW-02-SS-090602	0.8	3.7	17.7	33.7	12.5	2.1	5.0	7.1	7.1	4.2	2.3	1.8	2.1	29.5
BW-03-SS-090602	0.0	1.4	1.2	1.1	0.7	1.0	6.5	26.8	26.3	14.8	7.3	5.6	7.4	94.7
BW-04-SS-090602	0.1	1.7	1.5	1.4	1.3	1.8	12.1	26.5	24.6	12.6	6.3	4.4	5.8	92.2
BW-05-SS-090602	0.1	1.2	1.6	2.2	2.4	6.0	24.0	24.2	16.6	7.9	4.7	3.8	5.2	86.4
BW-06-SS-090602	1.7	0.7	1.0	1.8	3.7	13.1	32.3	17.0	12.1	5.7	3.9	3.1	3.9	78.0
BW-07-SS-090602	4.4	3.9	17.0	44.7	10.5	2.4	5.0	5.2	3.1	1.4	0.8	0.7	1.0	17.0
BW-08-SS-090602	0.6	0.8	1.7	4.9	15.1	31.8	21.1	7.6	4.8	3.1	2.2	2.2	4.1	45.1
BW-09-SS-090602	0.1	1.5	1.5	2.5	3.6	9.6	31.1	24.5	11.4	4.0	3.0	2.7	4.5	81.2
BW-10-SS-090602	0.7	1.9	10.4	31.7	14.4	10.6	12.2	5.7	3.8	2.5	1.6	1.5	2.9	30.4
BW-11-SS-090602	0.5	1.4	1.4	1.4	1.3	2.8	21.0	22.8	21.3	12.5	5.0	3.2	5.6	91.3
BW-12-SS-090602	0.4	1.5	1.4	1.5	1.8	3.9	17.9	24.1	21.5	12.3	4.6	2.8	6.3	89.5
BW-53-SS-090602	0.2	1.6	1.0	0.7	0.5	0.9	12.7	22.3	25.9	15.2	6.4	5.0	7.7	95.1
BW-54-SS-090602	0.0	1.7	1.1	0.8	0.8	1.7	15.5	24.9	25.0	12.0	6.2	4.4	5.9	93.9

Notes to the Testing:
1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

PB06

QA SUMMARY

Client:	Anchor Environmental, LLC	Client Project No.:	080207-02
		Client Project Name:	Bay Wood Products
ARI Trip. Sample ID:	PB06A	Batch No.:	PB06-1
Client Trip. Sample ID:	BW-01-SS-090602	Page:	1 of 1

Relative Standard Deviation, By Phi Size

Sample ID	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
W-01-SS-0906	100.0	100.0	100.0	99.1	97.6	96.3	95.8	95.2	90.4	67.8	37.9	19.9	12.2	6.7
	100.0	100.0	99.9	98.8	97.4	96.2	95.7	95.1	90.6	66.9	38.2	19.8	13.7	7.1
	100.0	100.0	94.6	93.7	92.2	90.9	90.4	89.8	86.2	62.8	36.3	19.3	11.7	6.5
AVE	NA	100.00	98.16	97.21	95.77	94.48	93.96	93.36	89.05	65.85	37.48	19.64	12.56	6.76
STDEV	NA	0.00	3.09	3.01	3.07	3.09	3.06	3.07	2.51	2.64	1.01	0.34	1.06	0.30
%RSD	NA	0.00	3.15	3.10	3.21	3.27	3.25	3.29	2.82	4.02	2.70	1.74	8.42	4.44

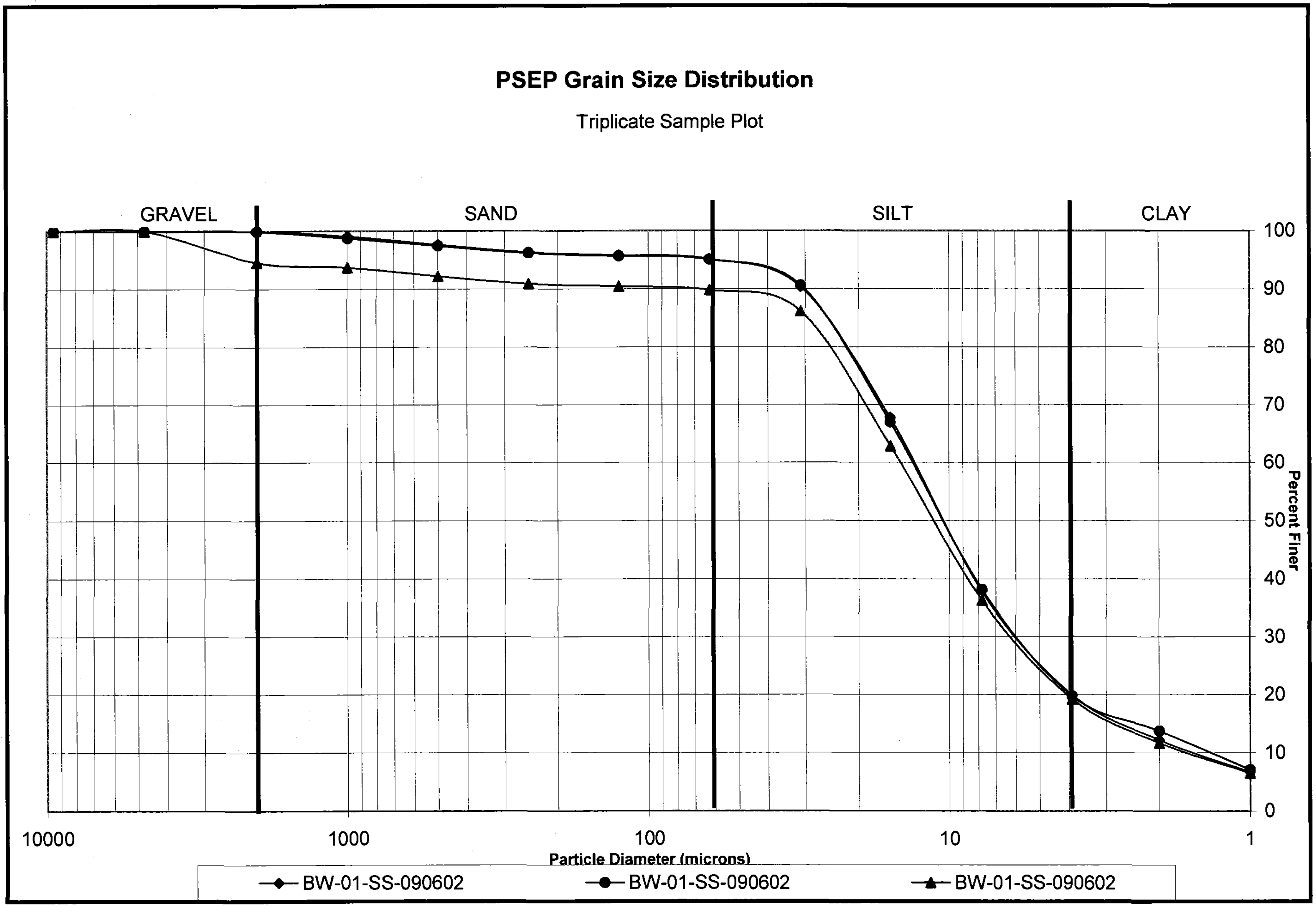
The Triplicate Applies To The Following Samples

Client ID	Date Sampled	Date Extracted	Date Complete	QA Ratio (95-105)	Data Qualifiers	Pipette Portion (5.0-25.0g)
BW-01-SS-090602	6/2/2009	6/10/2009	6/17/2009	101.5		18.2
	6/2/2009	6/10/2009	6/17/2009	100.8		18.1
	6/2/2009	6/10/2009	6/17/2009	95.6		18.1
BW-02-SS-090602	6/2/2009	6/10/2009	6/17/2009	101.2		19.9
BW-03-SS-090602	6/2/2009	6/10/2009	6/17/2009	101.4		17.1
BW-04-SS-090602	6/2/2009	6/10/2009	6/17/2009	100.8		18.3
BW-05-SS-090602	6/2/2009	6/10/2009	6/17/2009	100.6		20.5
BW-06-SS-090602	6/2/2009	6/10/2009	6/17/2009	102.2		21.4
BW-07-SS-090602	6/2/2009	6/10/2009	6/17/2009	100.1		19.4
BW-08-SS-090602	6/2/2009	6/10/2009	6/17/2009	102.6		21.0
BW-09-SS-090602	6/2/2009	6/10/2009	6/17/2009	103.3		20.5
BW-10-SS-090602	6/2/2009	6/10/2009	6/17/2009	101.8		20.9
BW-11-SS-090602	6/2/2009	6/10/2009	6/17/2009	101.4		21.5
BW-12-SS-090602	6/2/2009	6/10/2009	6/17/2009	100.3		21.5
BW-53-SS-090602	6/2/2009	6/10/2009	6/17/2009	100.8		20.0
BW-54-SS-090602	6/2/2009	6/10/2009	6/17/2009	101.2		19.8

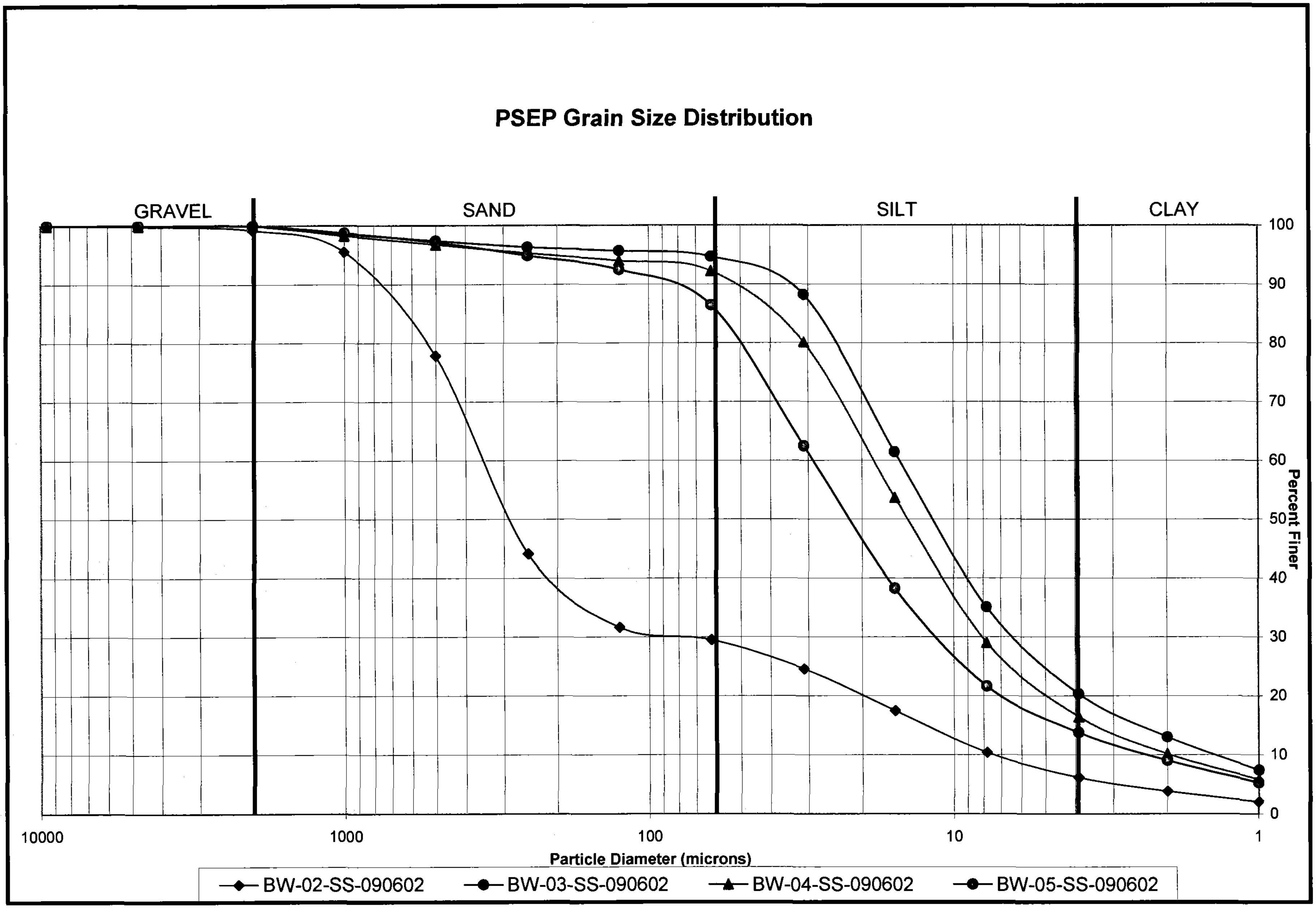
* ARI Internal QA limits = 95-105%

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

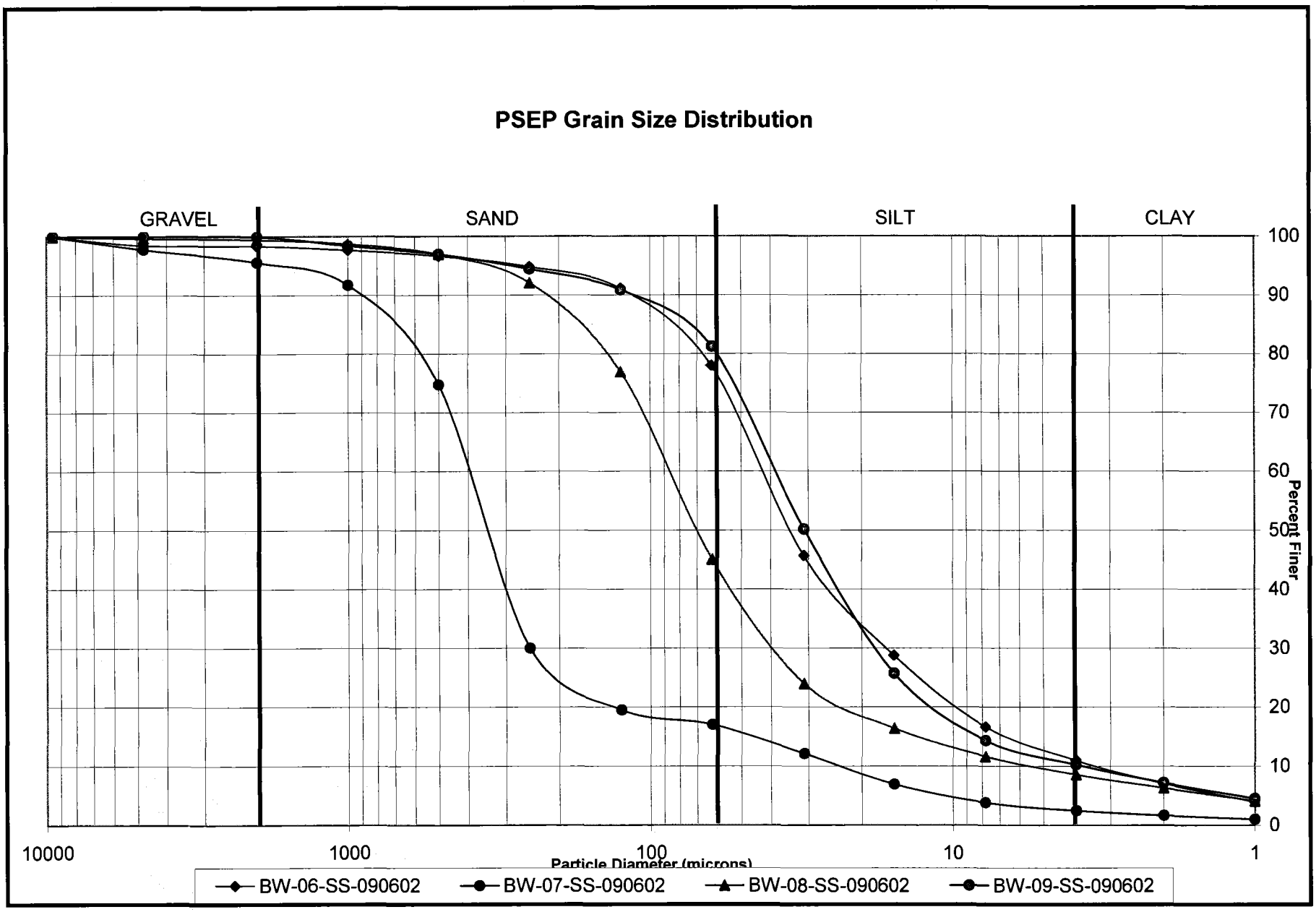

PSEP Grain Size Distribution
Triplicate Sample Plot
GRAVEL
SAND
SILT
CLAY
Percent Finer
100
90
80
70
60
50
40
30
20
10
0
10000
1000
100
10
1
Particle Diameter (microns)
BW-01-SS-090602
BW-01-SS-090602
BW-01-SS-090602

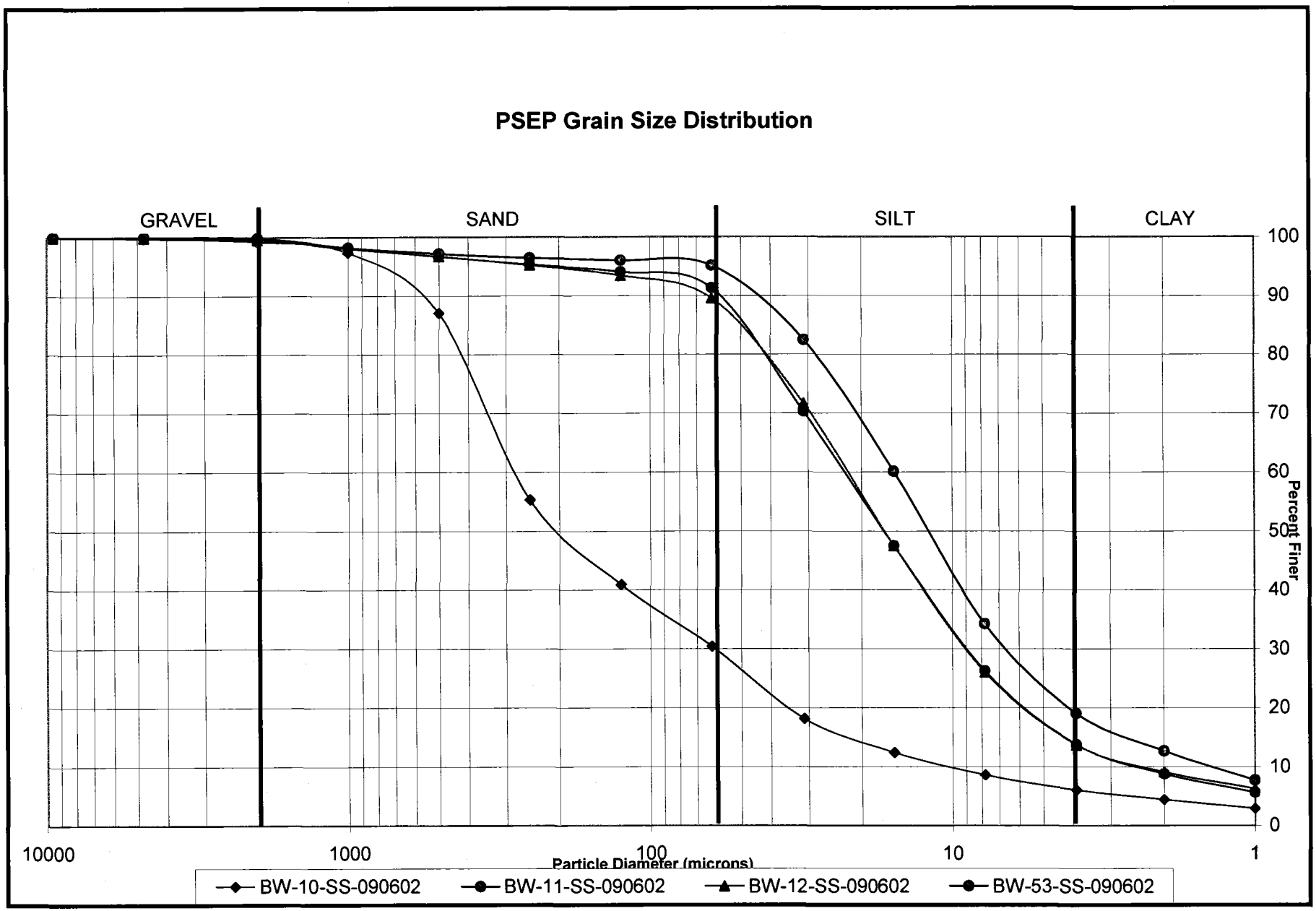
PB06:01262

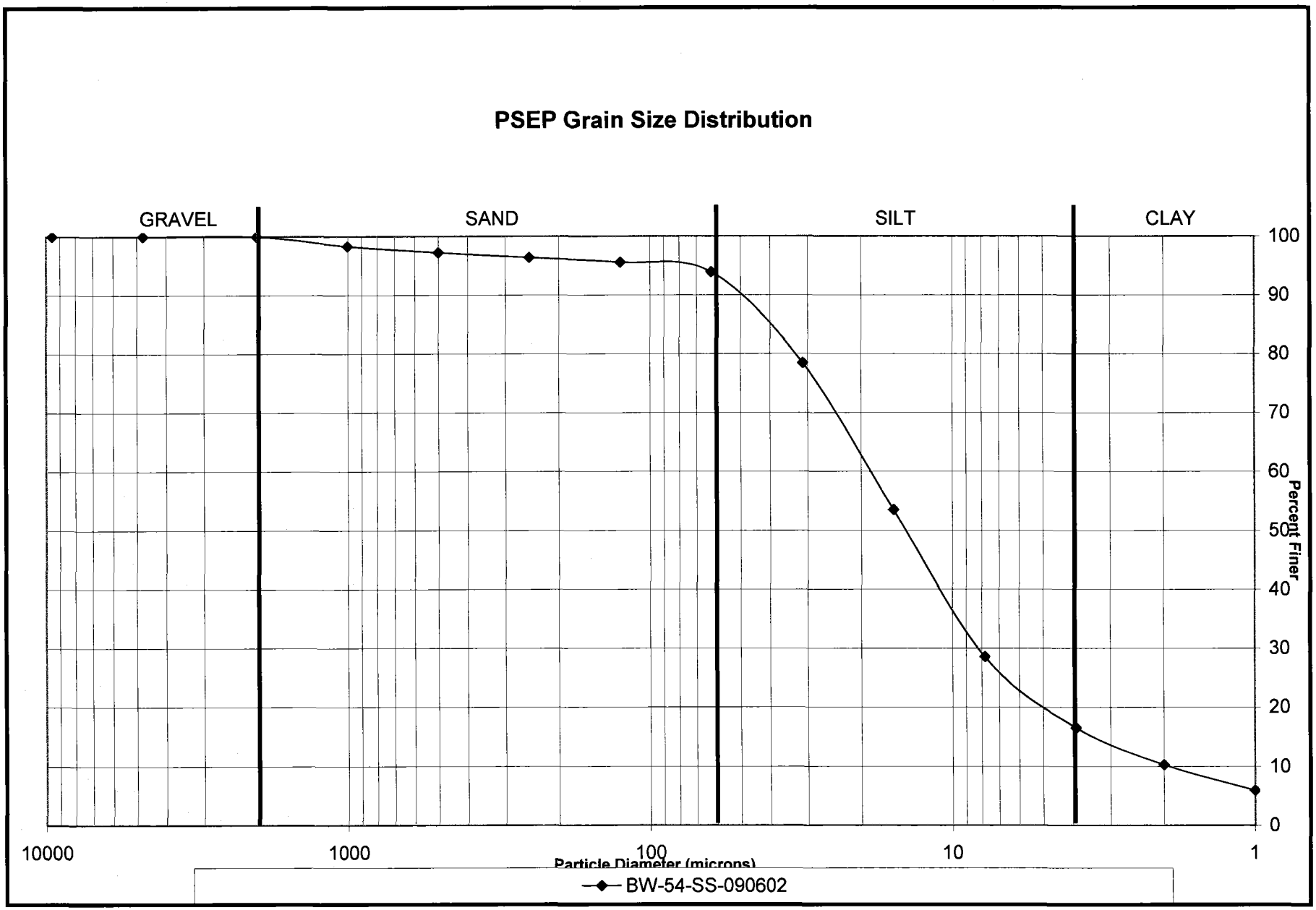


PSEP Grain Size Distribution
GRAVEL
SAND
SILT
CLAY
100
90
80
70
60
50
40
30
20
10
0
Percent Finer
10000
1000
100
10
1
Particle Diameter (microns)
BW-02-SS-090602
BW-03-SS-090602
BW-04-SS-090602
BW-05-SS-090602

PB06:01263


PSEP Grain Size Distribution
GRAVEL
SAND
SILT
CLAY
100
90
80
70
60
50
40
30
20
10
0
Percent Finer
10000
1000
100
10
1
Particle Diameter (microns)
BW-06-SS-090602
BW-07-SS-090602
BW-08-SS-090602
BW-09-SS-090602


PSEP Grain Size Distribution
GRAVEL
SAND
SILT
CLAY
100
90
80
70
60
50
40
30
20
10
0
Percent Finer
10000
1000
100
10
1
Particle Diameter (microns)
BW-10-SS-090602
BW-11-SS-090602
BW-12-SS-090602
BW-53-SS-090602


PSEP Grain Size Distribution
GRAVEL
SAND
SILT
CLAY
100
90
80
70
60
50
40
30
20
10
0
Percent Finer
10000
1000
100
10
1
Particle Diameter (microns)
BW-54-SS-090602

Analytical Resources, Inc.

Pore Water Extraction

ARI Job No.: PB06 Date: 6.6.09 Tested By: CR Analytes: NH_3 S

Aerobic ( )
Anaeorobic (X)

Volume Required: 80ml

Filtered ( )
Filter Material: _____
Filter Size: _____

Centrifugation 1:	Speed:	3000rpm	Temp:	4°C	Duration:	30min	O2 Level:	<1%
Centrifugation 2:	Speed:		Temp:		Duration:		O2 Level:	

Centrifugation 1

ARI ID	Start Time	Estimated Recovery	Decant Time
K	18:25	~300	19:15
L	18:25	~300	19:15
M	18:25	~300	19:15
N	18:25	~300	19:15

Centrifugation 2

ARI ID	Start Time	Estimated Recovery	Decant Time
K	10:55	~300	11:31
L	10:55	~300	11:32
M	10:55	~300	11:34
N	12:25	~300	13:00

Notes:

PB06:041207

Analytical Resources, Inc.

Pore Water Extraction

ARI Job No.: PB06 Date: 6.6.09 Tested By: BK Analytes: Ammonia Sulfides SEECOC

Aerobic ( )
Anaeorobic (✓)

Volume Required: AMAP

Filtered ( )
Filter Material:
Filter Size:

Centrifugation 1:	Speed:	3,000RPM	Temp:	4°C	Duration:	30min	O2 Level:	<1%
Centrifugation 2:	Speed:	7,000RPM	Temp:	4°C	Duration:	30min	O2 Level:	<1%

Centrifugation 1

ARI ID	Start Time	Estimated Recovery	Decant Time
A	16:40	~300	16:50
B	16:40	~200	16:50
C	16:40	~300	16:50
D	16:40	~300	16:50

Centrifugation 2

ARI ID	Start Time	Estimated Recovery	Decant Time
A	9:30	300	10:10
B	9:30	200	10:11
C	9:30	300	10:12
D	10:15	300	11:02

Notes:

PB06:91266

Analytical Resources, Inc.

Pore Water Extraction

ARI Job No.: PBO6 Date: 6·6·09 Tested By: BR Analytes: Ammonia Sulfides

Aerobic ( )
Anaeorobic (X)

Volume Required: 80 ml

Filtered ( )
Filter Material: _____
Filter Size: _____

Centrifugation 1:	Speed:	3000 rpm	Temp:	4°C	Duration:	30 min	O2 Level:	< 1%
Centrifugation 2:	Speed:		Temp:		Duration:		O2 Level:	

Centrifugation 1

ARI ID	Start Time	Estimated Recovery	Decant Time
E	16:40	~300 ~~18:50~~	18:50
F	16:40	~200 ~~18:50~~	18:50

Centrifugation 2

ARI ID	Start Time	Estimated Recovery	Decant Time
E	10:15	~300	11:03
F	10:15	~200	11:04

Notes:

Analytical Resources, Inc.

Pore Water Extraction

ARI Job No.: PB06 Date: 6·6·09 - 6/7/09 Tested By: GBL Analytes: NH_3 / S_2

Aerobic ( )
Anaeorobic (X)

Volume Required: 80ml

Filtered ( )
Filter Material: ______
Filter Size: ______

Centrifugation 1:	Speed:	3000rpm	Temp:	4°C	Duration:	30min	O2 Level:	<1%
Centrifugation 2:	Speed:		Temp:		Duration:		O2 Level:	

Centrifugation 1

ARI ID	Start Time	Estimated Recovery (ml)	Decant Time
G	17:30	~50 + 20	19:05
H	17:30	~100 + 20	19:05
I	17:30	~100 + 20	19:05
J	17:30	~50 + 30	19:05

Centrifugation 2

ARI ID	Start Time	Estimated Recovery	Decant Time
G	13:02	70	13:40
H	13:35	120	14:10
I	13:02	100	13:41
J	13:02	800	13:42

Notes:

PSEP GRAIN SIZE ANALYSIS

Job No. PB06 ARI Sample No. A-1 Client Sample No. BW-01-SS-090602

Set-up Date: 8-10-09 Sample Description: Sandy Silty Clay

Calgon Batch # 20 Sieve Set # 2 Date Sieved: _____

SOLIDS CONTENT

Moisture Content	Initials BR
Container No.	107
Tare Weight	1.5615
Wet Weight + Tare	17.1615
Dry Weight + Tare	8.2795

Test Sample	Initials BR
Container No.	107
Tare Weight	51.2108
Wet Weight + Tare	95.7587
Dry Weight + Tare	52.2711

SIEVE ANALYSIS

Initials _____

Sieve Size	Weight Retained
Tare	51.2217
4	51.2217
10	51.2290
18	51.3920
35	51.6737
60	51.9286
120	52.0300
230	52.1500
PAN	0.0938

6/16/2009

Temp:23

t Correction	
e Wt.	
e + Dry Sample	
t Correction (x 50)	

PIPETTE ANALYSIS

Initials _____

Tare ID	Tare Wt	Dry Wt & Tare	TIME
A-1-1	1.5440	1.9151	9:45:00
A-1-2	1.5527	1.9060	9:45:20
A-1-3	1.5461	1.8140	9:46:46
A-1-4	1.5366	1.6917	9:52:05
A-1-5	1.5272	1.6141	10:13:18
A-1-6	1.5566	1.6145	11:38:00
A-1-7	1.5635	1.6005	15:11:00
			8:21:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB06 ARI Sample No. A-2 Client Sample No. BW-01-SS-090602

Set-up Date: 6.10.09 Sample Description: _____

Calgon Batch # 201 Sieve Set # 1 Date Sieved: _____

SOLIDS CONTENT

Moisture Content	Initials CR
Container No.	134
Tare Weight	1.5527
Wet Weight + Tare	17.0977
Dry Weight + Tare	8.1865

Test Sample	Initials CR
Container No.	134
Tare Weight	50.5570
Wet Weight + Tare	95.2469
Dry Weight + Tare	51.6087

SIEVE ANALYSIS

Initials _____

Sieve Size	Weight Retained
Tare	50.5710
4	50.5710
10	50.5833
18	50.8039
35	51.0576
60	51.2944
120	51.3971
230	51.5071
PAN	0.0710

6/16/2009

Temp:23

orrection	
Vt.	
Dry Sample	
orrection (x 50)	

PIPETTE ANALYSIS

Initials _____ PZ

Tare ID	Tare Wt	Dry Wt & Tare	TIME
A-2-1	1.5433	1.9147	9:48:00
A-2-2	1.5598	1.9144	9:48:20
A-2-3	1.5068	1.7718	9:49:46
A-2-4	1.5051	1.6613	9:55:05
A-2-5	1.5692	1.6557	10:16:18
A-2-6	1.5633	1.6270	11:41:00
A-2-7	1.5512	1.5897	15:14:00
			8:24:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB06 ARI Sample No. A-3 Client Sample No. BW-01-SS-090607

Set-up Date: 6.10.09 Sample Description: _____

Calgon Batch # 201 Sieve Set # 2 Date Sieved: _____

SOLIDS CONTENT

Moisture Content	Initials BL
Container No.	137
Tare Weight	1.5445
Wet Weight + Tare	19.9886
Dry Weight + Tare	9.4048

Test Sample	Initials BL
Container No.	137
Tare Weight	51.0449
Wet Weight + Tare	95.8008
Dry Weight + Tare	52.1075

SIEVE ANALYSIS

Initials _____

Sieve Size	Weight Retained
Tare	50.0570
4	50.0570
10	51.0883
18	51.2518
35	51.5402
60	51.7915
120	51.8814
230	51.9999
PAN	

6/16/2009

Temp:23

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS

Initials _____

Tare ID	Tare Wt	Dry Wt & Tare	TIME
A-3-1	1.5513	1.9231	9:51:00
A-3-2	1.5345	1.8899	9:51:20
A-3-3	1.5614	1.8238	9:52:46
A-3-4	1.5517	1.7083	9:58:05
A-3-5	1.5209	1.6094	10:19:18
A-3-6	1.5088	1.5672	11:44:00
A-3-7	1.5152	1.5528	15:17:00
			8:27:00

PSEP GRAIN SIZE ANALYSIS

Job No. PBOB ARI Sample No. B Client Sample No. BW02:S3090802

Set-up Date: 6·10·09 Sample Description: Clayey Silty Sand

Calgon Batch # 201 Sieve Set # 1 Date Sieved: _____

SOLIDS CONTENT

Moisture Content	Initials BL
Container No.	138
Tare Weight	1.5425
Wet Weight + Tare	27.7616
Dry Weight + Tare	18.8281

Test Sample	Initials GBL
Container No.	138
Tare Weight	50.7508
Wet Weight + Tare	153.0562
Dry Weight + Tare	99.0968

SIEVE ANALYSIS
Initials _____

Sieve Size	Weight Retained
Tare	50.7826
4	50.8743
10	51.3016
18	53.7925
35	65.7356
60	88.4504
120	96.8846
230	98.2998
PAN	0.6640

6/16/2009

Temp:23

PIPETTE ANALYSIS
Initials _____

Tare ID	Tare Wt	Dry Wt & Tare	TIME
B-1	1.5170	1.9107	9:54:00
B-2	1.5353	1.8740	9:54:20
B-3	1.5249	1.7691	9:55:46
B-4	1.5132	1.6632	10:01:05
B-5	1.5229	1.6168	10:22:18
B-6	1.5223	1.5854	11:47:00
B-7	1.5252	1.5646	15:20:00
			8:30:00

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PSEP GRAIN SIZE ANALYSIS

Job No. PB06 ARI Sample No. C Client Sample No. BW-03-33-090002

Set-up Date: 6-10-09 Sample Description: Sandy Silty Clay

Calgon Batch # 201 Sieve Set # 1 Date Sieved: _____

SOLIDS CONTENT

Moisture Content	Initials CR
Container No.	145
Tare Weight	1.5365
Wet Weight + Tare	26.5003
Dry Weight + Tare	12.7249

Test Sample	Initials CR
Container No.	145
Tare Weight	50.8345
Wet Weight + Tare	91.2749
Dry Weight + Tare	52.0297

SIEVE ANALYSIS

Initials _____

Sieve Size	Weight Retained
Tare	50.8514
4	50.8514
10	50.8566
18	51.1020
35	51.3178
60	51.5119
120	51.6339
230	FI 52. 51.8125
PAN	0.1816 3 FI

6/16/2009

Temp:23

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS

Initials _____

Tare ID	Tare Wt	Dry Wt & Tare	TIME
C-1	1.5304	1.8805	9:57:00
C-2	1.5293	1.8565	9:57:20
C-3	1.5275	1.7589	9:58:46
C-4	1.5269	1.6642	10:04:05
C-5	1.5235	1.6079	10:25:18
C-6	1.5343	1.5926	11:50:00
C-7	1.5390	1.5771	15:23:00
			8:33:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB06 ARI Sample No. D Client Sample No. BW-04:5308802

Set-up Date: 6-10-09 Sample Description: Sandy Silty Clay

Calgon Batch # 201 Sieve Set # 2 Date Sieved: _____

SOLIDS CONTENT

Moisture Content	Initials GL
Container No.	153
Tare Weight	1.5268
Wet Weight + Tare	27.7946
Dry Weight + Tare	13.5798

Test Sample	Initials GL
Container No.	153
Tare Weight	49.0773
Wet Weight + Tare	92.4731
Dry Weight + Tare	51.3150

SIEVE ANALYSIS
Initials _____

Sieve Size	Weight Retained	
Tare	49.1560	
4	49.1560	
10	49.1692	
18	49.5006	
35	498.8014	FI
60	50.0895	
120	50.3432	
230	50.7046	
PAN	0.5689	

6/16/2009

Temp:23

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials _____

Tare ID	Tare Wt	Dry Wt & Tare	TIME
D-1	1.5360	1.9116	10:00:00
D-2	1.5354	1.8636	10:00:20
D-3	1.5388	1.7624	10:01:46
D-4	1.5431	1.6696	10:07:05
D-5	1.5624	1.6390	10:28:18
D-6	1.5409	1.5927	11:53:00
D-7	1.5234	1.5580	15:26:00
			8:36:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB06 ARI Sample No. E Client Sample No. BW-05-SS090602

Set-up Date: 6-10-09 Sample Description: Sandy Silty Clay, Organics

Calgon Batch # 201 Sieve Set # 2 Date Sieved: 6/13/09

SOLIDS CONTENT

Moisture Content	Initials BL
Container No.	167
Tare Weight	1.5556
Wet Weight + Tare	20.7243
Dry Weight + Tare	11.4334

Test Sample	Initials BL
Container No.	167
Tare Weight	50.3273
Wet Weight + Tare	96.2963
Dry Weight + Tare	54.9246

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.3473
4	50.3473
10	50.3674
18	50.6502
35	51.0300
60	51.5600
120	52.1308
230	53.5628
PAN	1.3855

6/16/2009

Temp:23

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
E-1	1.5591	1.9775	10:03:00
E-2	1.5527	1.8584	10:03:20
E-3	1.5429	1.7347	10:04:46
E-4	1.5564	1.6698	10:10:05
E-5	1.5529	1.6292	10:31:18
E-6	1.5054	1.5595	11:56:00
E-7	1.5358	1.5722	15:29:00
			8:39:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB06 ARI Sample No. F Client Sample No. BW-06-SS-090002

Set-up Date: 6-10-09 Sample Description: Sandy Silty Clay

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/13/09

SOLIDS CONTENT

Moisture Content	Initials GR
Container No.	168
Tare Weight	1.5393
Wet Weight + Tare	22.5703
Dry Weight + Tare	13.3262

Test Sample	Initials GR
Container No.	168
Tare Weight	50.8341
Wet Weight + Tare	99.8065
Dry Weight + Tare	59.7864

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.8470
4	51.2632
10	51.3015
18	51.5025
35	51.7752
60	52.2717
120	53.2942
230	56.8924
PAN	2.9606

6/16/2009

Temp:23

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt AR	Dry Wt & Tare	TIME
F-1	1.5277*	1.9555	10:06:00
F-2	1.5297	1.7869	10:06:20
F-3	1.5317	1.6978	10:07:46
F-4	1.5379	1.6391	10:13:05
F-5	1.5443	1.6148	10:34:18
F-6	1.5687	1.6183	11:59:00
F-7	1.5389	1.5717	15:32:00
			8:42:00

PSEP GRAIN SIZE ANALYSIS

Job No. PBOG ARI Sample No. G Client Sample No. RW-07-35-090602

Set-up Date: 6-11-09 Sample Description: Silty Gravelly Sand

Calgon Batch # 201 Sieve Set # 2 Date Sieved: 6/13/09

SOLIDS CONTENT

Moisture Content	Initials CR
Container No.	169
Tare Weight	1.5538
Wet Weight + Tare	39.7820
Dry Weight + Tare	29.9801

Test Sample	Initials CR
Container No.	169
Tare Weight	50.0860
Wet Weight + Tare	203.5039
Dry Weight + Tare	146.9957

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.1322
4	52.6810
10	55.1941
18	59.6166
35	78.9741
60	129.9970
120	142.0038
230	144.7865
PAN	2.1827

6/16/2009

Temp:23

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
			10:09:00
G-1	1.5107	1.9090	10:09:20
G-2	1.5176	1.8046	10:10:46
G-3	1.5402	1.7096	10:16:05
G-4	1.5071	1.6062	10:37:18
G-5	1.5394	1.6075	12:02:00
G-6	1.5392	1.5893	15:35:00
G-7	1.5323	1.5675	8:45:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB06 ARI Sample No. H Client Sample No. BW-08-SS-090602

Set-up Date: 6/15/09 Sample Description: Silty sand

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/15/09

SOLIDS CONTENT

Moisture Content	Initials EG
Container No.	221
Tare Weight	1.5508
Wet Weight + Tare	41.4941
Dry Weight + Tare	25.9207

Test Sample	Initials EG
Container No.	221
Tare Weight	49.3254
Wet Weight + Tare	125.8325
Dry Weight + Tare	80.7935

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	49.3481
4	49.4886
10	49.6099
18	49.9653
35	50.7777
60	53.0627
120	60.1292
230	74.9954
PAN	5.8038

6/16/2009

Temp:23

orrection	
Vt.	
- Dry Sample	
orrection (x 50)	

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
H-1	1.5212	1.9300	10:12:00
H-2	1.5168	1.7464	10:12:20
H-3	1.5031	1.6637	10:13:46
H-4	1.5464	1.6636	10:19:05
H-5	1.5124	1.6017	10:40:18
H-6	1.5157	1.5846	12:05:00
H-7	1.5098	1.5587	15:38:00
			8:48:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB06 ARI Sample No. I Client Sample No. BW-09-SS-090602

Set-up Date: 6/15/09 Sample Description: Peaty ~~Silty~~ Sand, wood chunks

Calgon Batch # 201 Sieve Set # 2 Date Sieved: 6/15/09

SOLIDS CONTENT

Moisture Content	Initials EG
Container No.	149
Tare Weight	1.5433
Wet Weight + Tare	34.8446
Dry Weight + Tare	19.7868

Test Sample	Initials EG
Container No.	149
Tare Weight	49.8593
Wet Weight + Tare	96.0239
Dry Weight + Tare	57.8992

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	49.8704
4	
10	49.8899
18	50.2796
35	50.6562
60	51.2889
120	52.1949
230	54.6252
PAN	3.2631

6/16/2009

Temp:23

t Correction	
e Wt.	
e + Dry Sample	
t Correction (x 50)	

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
I-1	1.5075	1.9137	10:15:00
I-2	1.5154	1.7725	10:15:20
I-3	1.5067	1.6440	10:16:46
I-4	1.5155	1.5870	10:22:05
I-5	1.5021	1.5638	10:43:18
I-6	1.5095	1.5563	12:08:00
I-7	1.5037	1.5372	15:41:00
			8:51:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB06 ARI Sample No. J Client Sample No. BW-10-SS-090602

Set-up Date: 6/15/09 Sample Description: silty sand

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/15/09

SOLIDS CONTENT

Moisture Content	Initials EG
Container No.	124
Tare Weight	1.5276
Wet Weight + Tare	64.7707
Dry Weight + Tare	45.6893

Test Sample	Initials EG
Container No.	124
Tare Weight	51.2142
Wet Weight + Tare	149.7755
Dry Weight + Tare	103.1770

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	51.2459
4	51.3452
10	51.7251
18	53.0261
35	60.1672
60	82.0181
120	91.9055
230	99.1683
PAN	3.9931

6/16/2009

Temp:23

Correction	
e Wt.	
e + Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
J-1	1.5078	1.91236	10:18:00
J-2	1.5033	1.7600	10:18:20
J-3	1.5200	1.6991	10:19:46
J-4	1.5219	1.6496	10:25:05
J-5	1.5193	1.6133	10:46:18
J-6	1.5222	1.5942	12:11:00
J-7	1.5220	1.5731	15:44:00
			8:54:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB06 ARI Sample No. K Client Sample No. BW11-SS-090602

Set-up Date: 6.11.09 Sample Description: Sandy Silty Clay

Calgon Batch # 201 Sieve Set # 2 Date Sieved: 6/13/09

SOLIDS CONTENT

Moisture Content	Initials CR
Container No.	196
Tare Weight	1.5790
Wet Weight + Tare	20.8669
Dry Weight + Tare	10.3401

Test Sample	Initials CR
Container No.	196
Tare Weight	51.4346
Wet Weight + Tare	103.4238
Dry Weight + Tare	54.2415

SIEVE ANALYSIS

Initials AR

Sieve Size	Weight Retained
Tare	51.4439
4	51.4439
10	51.5516
18	51.8775
35	52.2191
60	52.5432
120	52.8391
230	53.5011
PAN	0.7745

6/16/2009

Temp:23

orrection	
Wt.	
+ Dry Sample	
orrection (x 50)	

PIPETTE ANALYSIS

Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
K-1	1.5451	1.9816	10:21:00
K-2	1.5451	1.8842	10:21:20
K-3	1.5161	1.7490	10:22:46
K-4	1.5503	1.6841	10:28:05
K-5	1.5316	1.6073	10:49:18
K-6	1.4963	1.5489	12:14:00
K-7	1.5495	1.5874	15:47:00
			8:57:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB06 ARI Sample No. L Client Sample No. BW-12-SS-090602

Set-up Date: 6.11.09 Sample Description: Sandy Silty Clay

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/13/09

SOLIDS CONTENT

Moisture Content	Initials GL
Container No.	201
Tare Weight	~~50.~~ 1.5773
Wet Weight + Tare	27.6094
Dry Weight + Tare	13.7495

or

Test Sample	Initials GL
Container No.	201
Tare Weight	50.1475
Wet Weight + Tare	101.6061
Dry Weight + Tare	53.7149

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.1692
4	50.1692
10	50.2666
18	50.6300
35	50.9582
60	51.3173
120	51.7457
230	52.6870
PAN	1.0678

6/16/2009

Temp:23

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
L-1	1.5389	1.9799	10:24:00
L-2	1.5460	1.9013	10:24:20
L-3	1.5509	1.7904	10:25:46
L-4	1.5601	1.6966	10:31:05
L-5	1.5473	1.6248	10:52:18
L-6	1.5313	1.5866	12:17:00
L-7	1.5263	1.5681	15:50:00
			9:00:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB06 ARI Sample No. M Client Sample No. BW-53-SS-090602

Set-up Date: 6-11-09 Sample Description: Sandy Silty Clay, Organic Debris

Calgon Batch # 201 Sieve Set # 2 Date Sieved: 6/13/09

SOLIDS CONTENT

Moisture Content	Initials BL
Container No.	209
Tare Weight	1.5799
Wet Weight + Tare	28.3859
Dry Weight + Tare	13.6799

Test Sample	Initials BL
Container No.	209
Tare Weight	49.8909
Wet Weight + Tare	96.1985
Dry Weight + Tare	51.1042

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	49.6973
4	49.6973
10	49.7340
18	50.0768
35	50.2907
60	50.4397
120	50.5352
230	50.7246
PAN	0.3750

6/16/2009

Temp:23

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
M-1	1.5039	1.9116	10:27:00
M-2	1.5514	1.9064	10:27:20
M-3	1.5757	1.8377	10:28:46
M-4	1.5570	1.7812	10:34:05
M-5	1.5620	1.6529	10:55:18
M-6	1.5514	1.6158	12:20:00
M-7	1.5468	1.5905	15:53:00
			9:03:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB06 ARI Sample No. N Client Sample No. BW5455-090602

Set-up Date: 6.11.09 Sample Description: Sandy Silty Clay

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/13/09

SOLIDS CONTENT

Moisture Content	Initials CBL
Container No.	222
Tare Weight	1.5855
Wet Weight + Tare	22.1203
Dry Weight + Tare	11.2367

Test Sample	Initials CBL
Container No.	222
Tare Weight	49.6537
Wet Weight + Tare	94.4545
Dry Weight + Tare	51.3974

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	49.6645
4	49.6645
10	49.6727
18	50.0206
35	50.2496
60	50.4255
120	50.6034
230	50.9568
PAN	0.4411

6/16/2009

Temp:23

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
N-1	1.5428	1.9449	10:30:00
N-2	1.5461	1.8841	10:30:20
N-3	1.5668	1.8013	10:31:46
N-4	1.5630	1.6935	10:37:05
N-5	1.5469	1.6273	10:58:18
N-6	1.5001	1.5547	12:23:00
N-7	1.5266	1.5629	15:56:00
			9:06:00

Analytical Resources, Incorporated
Analytical Chemists and Consultants

July 1, 2009

James Keithly
Anchor QEA
1423 Third Avenue, Suite 300
Seattle, WA 98101

RE: Project: Baywood Products, 080207-02
ARI Job No.: PB71

Dear Mr. Keithly:

Please find enclosed the original Chain-of-Custody (COC) record, sample receipt documentation, and the final data package for the samples from the project referenced above.

Sample receipt and details of these analyses are discussed in the Case Narrative.

An electronic copy of this package will remain on file with ARI. Should you have any questions or problems, please feel free to contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Susan Dunnihoo
Director, Client Services
sue@arilabs.com
206-695-6207

Enclosures

cc: eFile PB71

SD/co

Chain of Custody
Documentation

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB71

prepared
by

Analytical Resources, Inc.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: PB71	Turn-around Requested:	Page: 1 of 2	
ARI Client Company: QEA (for ANCHOR ENVIRONMENTAL, LLC)	Phone:	Date: 6/8/09	Ice Present? no
Client Contact: James Keithly		No. of Coolers: 0	Cooler Temps: Amb
Client Project Name: Bay Wood Products			
Client Project #: 080207-02	Samplers: gs, BR		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: Ammonia	Analysis Requested: Sulfides	Notes/Comments
BW-01-SS-090602	6/7/09	10:10	H_2O	2	X	X	
BW-02-SS-090602		10:11			X	X	
BW-03-SS-090602		10:12			X	X	
BW-04-SS-090602		11:02			X	X	
BW-05-SS-090602		11:03			X	X	
BW-06-SS-090602		11:04			X	X	
BW-07-SS-090602		13:40			X	X	
BW-08-SS-090602		14:10			X	X	
BW-09-SS-090602		13:41			X	X	
BW-10-SS-090602		13:42			X	X	

Comments/Special Instructions: Pore water extracted from PB66	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: [illegible] Smith	Printed Name: A. Volgardsen	Printed Name:	Printed Name:
	Company: ARI	Company: ARI	Company:	Company:
	Date & Time: 9.45	Date & Time: 6/8/09 950	Date & Time:	Date & Time:

PB71.090602

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: PB71	Turn-around Requested:	Page: 2 of 2	
ARI Client Company: ANCHOR QEA, LLC	Phone:	Date: 6/8/09	Ice Present? no
Client Contact: James Keithly		No. of Coolers: 0	Cooler Temps: Amb
Client Project Name: Bay Woods Products			
Client Project #: 090207-02	Samplers: gs, BR		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: Ammonia	Analysis Requested: Sulfides	Notes/Comments
BW-11-SS-090602	6/7/09	11:31	H_2O	2	X	X	See SueD. w/ questions
BW-12-SS-090602		11:32			X	X	
BW-53-SS-090602		11:34			X	X	
BW-54-SS-090602 gs		13:00			X	X	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
Pore water extracted from PBEC.		Carolina Smith	ARI	6/8/09 9:45		A. Volgardsen	ARI	6/8/09 950								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

PRESERVATION VERIFICATION 06/08/09
Page 1 of 2

ANALYTICAL RESOURCES INCORPORATED

ARI Job No: **PB71**

Inquiry Number: NONE
Analysis Requested: 06/08/09
Contact: Keithly, James
Client: Anchor Environmental, LLC
Logged by: JH
Sample Set Used: Yes-473
Validatable Package: No
Deliverables:

PC: Sue D.
VTSR: 06/08/09

Project #: 080207-02
Project: Bay Wood Products
Sample Site:
SDG No:
Analytical Protocol: In-house

LOGNUM ARI ID	CLIENT ID	CN >12	WAD >12	NH3 <2	COD <2	FOG <2	MET <2	PHEN <2	PHOS <2	TKN <2	NO23 <2	TOC <2	S2 >9	AK102 <2	DMET FLT	DOC FLT	PARAMETER	ADJUSTED TO	LOT NUMBER	AMOUNT ADDED	DATE/BY
09-13051 **PB71A**	BW-01-SS-090602						ok						weak				S2	>12	0844C 3078C	2ml 2ml	6-8-09
09-13052 **PB71B**	BW-02-SS-090602												fail								
09-13053 **PB71C**	BW-03-SS-090602												weak								
09-13054 **PB71D**	BW-04-SS-090602												weak								
09-13055 **PB71E**	BW-05-SS-090602												ok								
09-13056 **PB71F**	BW-06-SS-090602																				
09-13057 **PB71G**	BW-07-SS-090602																				
09-13058 **PB71H**	BW-08-SS-090602																				
09-13059 **PB71I**	BW-09-SS-090602																				
09-13060 **PB71J**	BW-10-SS-090602																				
09-13061 **PB71K**	BW-11-SS-090602																				
09-13062 **PB71L**	BW-12-SS-090602																				
09-13063 **PB71M**	BW-53-SS-090602																				
09-13064 **PB71N**	BW-54-SS-090602						ok						ok								

Checked By JH Date 6/8/09

PRESERVATION VERIFICATION 06/08/09
Page 1 of 2

ANALYTICAL RESOURCES INCORPORATED

ARI Job No: **PB71**

Inquiry Number: NONE
Analysis Requested: 06/08/09
Contact: Keithly, James
Client: Anchor Environmental, LLC
Logged by: JH
Sample Set Used: Yes-473
Validatable Package: Yes
Deliverables:

PC: Sue D.
VTSR: 06/08/09

Project #: 080207-02
Project: Bay Wood Products
Sample Site:
SDG No:
Analytical Protocol: In-house

LOGNUM ARI ID	CLIENT ID	CN >12	WAD >12	NH3 <2	COD <2	FOG <2	MET <2	PHEN <2	PHOS <2	TKN <2	NO23 <2	TOC <2	S2 >9	AK102 <2	DMET FLT	DOC FLT	PARAMETER	ADJUSTED TO	LOT NUMBER	AMOUNT ADDED	DATE/BY
09-13051 **PB71A**	BW-01-SS-090602			pass									pass								
09-13052 **PB71B**	BW-02-SS-090602												fail								
09-13053 **PB71C**	BW-03-SS-090602												pass								
09-13054 **PB71D**	BW-04-SS-090602																				
09-13055 **PB71E**	BW-05-SS-090602																				
09-13056 **PB71F**	BW-06-SS-090602																				
09-13057 **PB71G**	BW-07-SS-090602																				
09-13058 **PB71H**	BW-08-SS-090602																				
09-13059 **PB71I**	BW-09-SS-090602																				
09-13060 **PB71J**	BW-10-SS-090602																				
09-13061 **PB71K**	BW-11-SS-090602																				
09-13062 **PB71L**	BW-12-SS-090602																				
09-13063 **PB71M**	BW-53-SS-090602																				
09-13064 **PB71N**	BW-54-SS-090602			pass									pass								

Checked By JH Date 6/8/09

PRESERVATION VERIFICATION 06/08/09
Page 1 of 2

ANALYTICAL RESOURCES INCORPORATED

ARI Job No: **PB71**

PC: Sue D.
VTSR: 06/08/09

Inquiry Number: NONE
Analysis Requested: 06/08/09
Contact: Keithly, James
Client: Anchor Environmental, LLC
Logged by: JH
Sample Set Used: Yes-473
Validatable Package: Yes
Deliverables:

Project #: 080207-02
Project: Bay Wood Products
Sample Site:
SDG No:
Analytical Protocol: In-house

LOGNUM ARI ID	CLIENT ID	CN >12	WAD >12	NH3 <2	COD <2	FOG <2	MET <2	PHEN <2	PHOS <2	TKN <2	NO23 <2	TOC <2	S2 >9	AK102 <2	DMET FLT	DOC FLT	PARAMETER	ADJUSTED TO	LOT NUMBER	AMOUNT ADDED	DATE/BY
09-13051 **PB71A**	BW-01-SS-090602			pass									pass								
09-13052 **PB71B**	BW-02-SS-090602												fail								
09-13053 **PB71C**	BW-03-SS-090602												pass								
09-13054 **PB71D**	BW-04-SS-090602																				
09-13055 **PB71E**	BW-05-SS-090602																				
09-13056 **PB71F**	BW-06-SS-090602																				
09-13057 **PB71G**	BW-07-SS-090602																				
09-13058 **PB71H**	BW-08-SS-090602																				
09-13059 **PB71I**	BW-09-SS-090602																				
09-13060 **PB71J**	BW-10-SS-090602																				
09-13061 **PB71K**	BW-11-SS-090602																				
09-13062 **PB71L**	BW-12-SS-090602																				
09-13063 **PB71M**	BW-53-SS-090602																				
09-13064 **PB71N**	BW-54-SS-090602			pass									pass								

Checked By JH Date 6/8/09

PRESERVATION VERIFICATION 06/08/09
Page 2 of 2

ANALYTICAL RESOURCES INCORPORATED

ARI Job No: **PB71**

Client: Anchor Environmental, LLC

Project #: 080207-02
Project: Bay Wood Products

LOGNUM ARI ID	CLIENT ID	CN >12	WAD >12	NH3 <2	COD <2	FOG <2	MET <2	PHEN <2	PHOS <2	TKN <2	NO23 <2	TOC <2	S2 >9	AK102 <2	DMET FLT	DOC FLT	PARAMETER	ADJUSTED TO	LOT NUMBER	AMOUNT ADDED	DATE/BY

Checked By _____ Date _____

Case Narrative

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB71

prepared
by

Analytical Resources, Inc.

Case Narrative

Client: Anchor QEA
Project: Baywood Products, 080207-02
Matrix: Sediments
ARI Job No.: PB71

Sample receipt

Fourteen sediment samples were received on June 2, 2009, under ARI job PB06. Portions of each of these fourteen samples were then centrifuged to create Pore Water extracts, which were logged for analysis on June 8, 2009 under ARI job number PB71.

General Chemistry Parameters

The samples were prepared and analyzed within the required holding time for all parameters.

The method blanks were clean at the reporting limits. The LCS had recoveries within control limits.

Standard reference recovery was within limits.

The matrix spike percent recoveries were within control limits.

The replicate RPDs were within the control limits.

Data Summary Package

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB71

prepared
by

Analytical Resources, Inc.

GENERAL CHEMISTRY ANALYSIS

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-01-SS-090602
ARI ID: 09-13051 PB71A

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.020	1.45
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized: GMB
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-02-SS-090602
ARI ID: 09-13052 PB71B

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.050	2.55
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized: MB
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-03-SS-090602
ARI ID: 09-13053 PB71C

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.020	1.93
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-04-SS-090602
ARI ID: 09-13054 PB71D

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.020	1.84
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-05-SS-090602
ARI ID: 09-13055 PB71E

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.050	2.38
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-06-SS-090602
ARI ID: 09-13056 PB71F

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.010	0.945
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-07-SS-090602
ARI ID: 09-13057 PB71G

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.050	2.83
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized: JMB
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-08-SS-090602
ARI ID: 09-13058 PB71H

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.020	1.03
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-09-SS-090602
ARI ID: 09-13059 PB71I

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.020	1.47
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-10-SS-090602
ARI ID: 09-13060 PB71J

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.010	0.829
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized: MP
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-11-SS-090602
ARI ID: 09-13061 PB71K

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.050	3.41
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized: MB
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-12-SS-090602
ARI ID: 09-13062 PB71L

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.050	2.46
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-53-SS-090602
ARI ID: 09-13063 PB71M

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.020	1.61
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized: DR
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-54-SS-090602
ARI ID: 09-13064 PB71N

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.020	1.70
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

METHOD BLANK RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: NA
Date Received: NA

Analyte	Method	Date	Units	Blank
N-Ammonia	EPA 350.1M	06/10/09	mg-N/L	< 0.010 U
Sulfide	EPA 376.2	06/10/09	mg/L	< 0.050 U

LAB CONTROL RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: NA
Date Received: NA

Analyte	Method	Date	Units	LCS	Spike Added	Recovery
Sulfide	EPA 376.2	06/10/09	mg/L	0.499	0.499	100.0%

STANDARD REFERENCE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Method	Date	Units	SRM	True Value	Recovery
N-Ammonia ERA #15125	EPA 350.1M	06/10/09	mg-N/L	0.505	0.500	101.0%

REPLICATE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Analyte	Method	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: PB71A Client ID: BW-01-SS-090602						
N-Ammonia	EPA 350.1M	06/10/09	mg-N/L	1.45	1.45	0.0%
Sulfide	EPA 376.2	06/10/09	mg/L	< 0.050	< 0.050	NA

MS/MSD RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized: RB
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Analyte	Method	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: PB71A Client ID: BW-01-SS-090602							
N-Ammonia	EPA 350.1M	06/10/09	mg-N/L	1.45	3.95	2.50	100.0%
Sulfide	EPA 376.2	06/10/09	mg/L	< 0.050	0.437	0.500	87.4%

Laboratory Data Package

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB71

prepared
by

Analytical Resources, Inc.

General Chemistry Analysis
QC Summary Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB71

prepared
by

Analytical Resources, Inc.

METHOD BLANK RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: NA
Date Received: NA

Analyte	Method	Date	Units	Blank
N-Ammonia	EPA 350.1M	06/10/09	mg-N/L	< 0.010 U
Sulfide	EPA 376.2	06/10/09	mg/L	< 0.050 U

LAB CONTROL RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: NA
Date Received: NA

Analyte	Method	Date	Units	LCS	Spike Added	Recovery
Sulfide	EPA 376.2	06/10/09	mg/L	0.499	0.499	100.0%

STANDARD REFERENCE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Method	Date	Units	SRM	True Value	Recovery
N-Ammonia ERA #15125	EPA 350.1M	06/10/09	mg-N/L	0.505	0.500	101.0%

REPLICATE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Analyte	Method	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: PB71A Client ID: BW-01-SS-090602						
N-Ammonia	EPA 350.1M	06/10/09	mg-N/L	1.45	1.45	0.0%
Sulfide	EPA 376.2	06/10/09	mg/L	< 0.050	< 0.050	NA

MS/MSD RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Analyte	Method	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: PB71A Client ID: BW-01-SS-090602							
N-Ammonia	EPA 350.1M	06/10/09	mg-N/L	1.45	3.95	2.50	100.0%
Sulfide	EPA 376.2	06/10/09	mg/L	< 0.050	0.437	0.500	87.4%

General Chemistry Analysis
Sample Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB71

prepared
by

Analytical Resources, Inc.

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-01-SS-090602
ARI ID: 09-13051 PB71A

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.020	1.45
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized: [signature]
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-02-SS-090602
ARI ID: 09-13052 PB71B

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.050	2.55
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized: MB
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-03-SS-090602
ARI ID: 09-13053 PB71C

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.020	1.93
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-04-SS-090602
ARI ID: 09-13054 PB71D

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.020	1.84
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-05-SS-090602
ARI ID: 09-13055 PB71E

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.050	2.38
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-06-SS-090602
ARI ID: 09-13056 PB71F

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.010	0.945
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

PB71:000415

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-07-SS-090602
ARI ID: 09-13057 PB71G

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.050	2.83
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized: PB
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-08-SS-090602
ARI ID: 09-13058 PB71H

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.020	1.03
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-09-SS-090602
ARI ID: 09-13059 PB71I

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.020	1.47
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized: DRB
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-10-SS-090602
ARI ID: 09-13060 PB71J

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.010	0.829
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-11-SS-090602
ARI ID: 09-13061 PB71K

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.050	3.41
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized: MB
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-12-SS-090602
ARI ID: 09-13062 PB71L

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.050	2.46
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-53-SS-090602
ARI ID: 09-13063 PB71M

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.020	1.61
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Pore Water
Data Release Authorized:
Reported: 06/18/09

Project: Bay Wood Products
Event: 080207-02
Date Sampled: 06/07/09
Date Received: 06/08/09

Client ID: BW-54-SS-090602
ARI ID: 09-13064 PB71N

Analyte	Date Batch	Method	Units	RL	Sample
N-Ammonia	06/10/09 061009#1	EPA 350.1M	mg-N/L	0.020	1.70
Sulfide	06/10/09 061009#1	EPA 376.2	mg/L	0.050	< 0.050 U

RL Analytical reporting limit
U Undetected at reported detection limit

General Chemistry Analysis
Instrument Raw Data

prepared
for

Anchor Environmental, LLC

Project: Bay Wood Products, 080207-02

ARI JOB NO: PB71

prepared
by

Analytical Resources, Inc.

ANALYTICAL
RESOURCES
INCORPORATED

ANALYST NOTES

ARI Job No: PBT1 Client Name: Anchor

Parameter: S^2, Ntb Client Project:

Preservation sheet initially came w/ samples indicating preservation for Metal + S^2.

New sheet issued w/ S^2 + Ntb - weak flag Changed to pass due to another log-in person indicating that was not the way the labs want it done.

Analyst preserved prior to new preservation Sheet being issued.

Analyst: Date Analyzed: 6-8-05

6147F

Rev. 7
06/3/04

W
6-11-09

SULFIDE BENCHSHEET (Spectrophotometric, EPA 376.2) | Date / Time | Analyst

Aqueous Samples | *Distillation* | NONE |

Finish | 6/10/09 17:00 | AF

If distilled, specify procedure **NONE**

1. Standardization of sodium thiosulfate titrant — *Buret used for titrations:*

Thiosulfate ID: **6925C**

Bi-iodate ID: **0086-10**

Stock bi-iodate = **0.4065** *grams to* 500 *mL*

Normality = **0.025**

	Titration of bi-iodate with thiosulfate			
ml bi-iodate =	3.000	3.000	3.000	
ml thiosulfate =	3.040	3.040	3.050	*nthio*
*Normality thiosulfate = (mL bi-iodate*normality) / mL thiosulfate =*	0.025	0.025	0.025	**0.025**

2. Normality of Iodine

Iodine ID: ***6886C***

	Titration of Iodine with thiosulfate			
mL Iodine =	3.000	3.000	3.000	
mL thiosulfate =	2.830	2.850	2.850	*ni*
*Normality iodine = (mL thiosulfate*normality) / mL iodine=*	0.023	0.023	0.023	**0.023**

3. Standardization of sodium sulfide stock

Stock ID = 0094-03

Approx conc in 100ml

g Na2S 0.5007 *mg/ mL =* 0.668

	Titration of standard with Thiosulfate			
mL Standard =	1.00	1.00	1.00	
mL iodine =	3.00	3.00	3.00	
mL thiosulfate =	1.48	1.50	1.50	*stkconc (mg/mL)*
*Sulfide (mg/mL) = {[(mL iodine*ni)-(mL thio *nthio)]*16} / mL standard =*	0.54	0.53	0.53	**0.533**

Intermediate Standard

Add 11.7 *ml stk to* 250 *ml 0.01 M NaOH =* **0.025** **mg/mL**

5.0 Calibration Standard Curve *spectrophotometer used*

Volume Intermediate (ml)	FINAL VOLUME (ml)	CONC (mg S/L)	ABSORBANCE @ 650 nm 1	2	Avg	
0.00	50	0.000	0.000		0.000	
0.10	50	0.050	0.030		0.030	*0.050*
0.25	50	0.125	0.077		0.077	*0.126*
0.50	50	0.249	0.148		0.148	*0.240*
1.00	50	0.499	0.312		0.312	*0.504*
2.00	50	0.997	0.618		0.618	*0.997*

REGRESSION DATA

intercept -0.001
slope 0.622
r= 0.9999

Comment: Calibration OK I

maxabs = 0.618

Calib Verif Std = *1* *ml int to* *50* *ml ZnOAc =* ***0.499*** *mg/L*

Distillation Std = *0.5* *ml Stk to* *50* *=* ***5.327*** *mg/L*

SAMPLE DATA *enter dilution factor as ml final/mL sample*

SAMPLE ID	DISTILL DATA: Sample Volume	Distill Volume (mL)	SPECTROPHOTOMETRIC DATA: Dilution factor	ABS @ 650 nm	BKG ABS	Regressed Conc (mg S/L)	SAMPLE DATA: Final Conc mg S/L	
Cal Blk		n/a	1	0.000		0.002	< 0.05	OK!
ICV		n/a	1	0.309		0.499	0.50	100.15%
PB71 A1			1	-0.001		0.001	< 0.05	
PB71 A1 dup			1	-0.003		-0.003	< 0.05	NA
PB71 A1 ms			1	0.270		0.437	0.44	87.6%
Spike at	0.10	*ml int stk to*	5.00	*ml sample =*		0.50	*mg/l*	
PB71 B1			1	0.016		0.028	< 0.05	
PB71 C1			1	-0.005		-0.006	< 0.05	
PB71 D1			1	-0.010		-0.014	< 0.05	
PB71 E1			1	-0.017		-0.025	< 0.05	
PB71 F1			1	-0.019		-0.028	< 0.05	
PB71 G1			1	0.002		0.005	< 0.05	
PB71 H1			1	-0.016		-0.024	< 0.05	
Cal Blk		n/a	1	0.000		0.002	< 0.05	OK!
CCV		n/a	1	0.311		0.503	0.50	100.79%
PB71 I1			1	0.001		0.004	< 0.05	
PB71 J1			1	-0.001		0.001	< 0.05	
PB71 K1			1	-0.006		-0.007	< 0.05	
PB71 L1			1	0.001		0.004	< 0.05	
PB71 M1			1	-0.013		-0.019	< 0.05	
PB71 N1			1	-0.018		-0.027	< 0.05	
Cal Blk		n/a	1	0.000		0.002	< 0.05	OK!
CCV		n/a	1	0.307		0.496	0.50	99.50%

SULFIDE BENCHSHEET (Spectrophotometric, EPA 376.2)
Aqueous Samples

	Date / Time	Analyst
Distillation	NONE	
Finish	10-10-09 17:00	AT

If distilled, specify procedure: NONE

1. Standardization of sodium thiosulfate titrant

Buret used for titrations:

Thiosulfate ID: 6925C
Bi-iodate ID: 0086-10
Stock bi-iodate = 0.4065 *grams to* 500 *mL*
Normality = 0.025

Titration of bi-iodate with thiosulfate

ml bi-iodate =	3.00 ~~2.000~~	3.00 ~~2.000~~	3.00 ~~2.000~~	
ml thiosulfate =	3.04	3.04	3.05	*nthio*
*Normality thiosulfate = (mL bi-iodate*normality) / mL thiosulfate =*				

2. Normality of Iodine

Iodine ID: 6886C

Titration of Iodine with thiosulfate

mL Iodine =	3.000	3.000	3.000	
mL thiosulfate =	2.83	2.85	2.85	*ni*
*Normality iodine = (mL thiosulfate*normality) / mL iodine=*				

3. Standardization of sodium sulfide stock

Stock ID = 0094-03
Approx conc in 100ml
g Na2S 0.5007 *mg/ mL =*

Titration of standard with Thiosulfate

mL Standard =	1.00	1.00	1.00	
mL iodine =	3.00	3.00	3.00	
mL thiosulfate =	1.48	1.50	1.50	*stkconc (mg/mL)*
*Sulfide (mg/mL) = {[(mL iodine*ni)-(mL thio *nthio)]*16} / mL standard =*				

Intermediate Standard

Add 11.7 *ml stk to* 250 *ml 0.01 M NaOH =* **mg/mL**

5.0 Calibration Standard Curve *spectrophotometer used*

Volume Intermediate (ml)	FINAL VOLUME (ml)	CONC (mg S/L)	ABSORBANCE @ 650 nm 1	2	Avg	
0.00	50		0.000			
0.10	50	#VALUE!	0.030			
0.25	50	#VALUE!	0.077			
0.50	50	#VALUE!	0.148			
1.00	50	#VALUE!	0.312			
2.00	50	#VALUE!	0.618			

REGRESSION DATA

intercept
slope
r=
Comment:
maxabs =

Calib Verif Std =	1	*ml int to*	50	*ml ZnOAc =*	#VALUE!	mg/L
~~***Distillation Std =***~~	~~0.5~~	~~*ml Stk to*~~	~~50~~	~~=~~	#VALUE!	mg/L

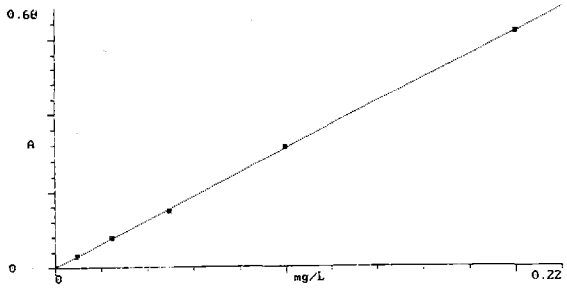
SAMPLE DATA *enter dilution factor as ml final/mL sample*

SAMPLE ID	DISTILL DATA: Sample Volume	Distill Volume (mL)	SPECTROPHOTOMETRIC DATA: Dilution factor	ABS @ 650 nm	BKG ABS	Regressed Conc (mg S/L)	SAMPLE DATA: Final Conc mg S/L	
Cal Blk		n/a	1.00	0.000				
ICV		n/a	1.00	0.309				
PB71 A1	50.0		1.00	-0.001				
dup A1	50.0		1.00	-0.003				
spk A1	50.0		1.00	0.270				0.1 mL int SPK
B1	50.0		1.00	0.016				
C1	50.0		1.00	-0.005				
D1	50.0		1.00	-0.010				
E1	50.0		1.00	-0.017				
F1	50.0		1.00	-0.019				
G1	50.0		1.00	0.007				
H1	50.0		1.00	-0.016				
Cal Blk	50.0	n/a	1.00	0.000				
CCV	50.0	n/a	1.00	0.311				
I1	50.0		1.00	0.001				
J1	50.0		1.00	-0.001				
K1	50.0		1.00	-0.006				
L1	50.0		1.00	0.001				
M1	50.0		1.00	-0.013				
N1	50.0		1.00	-0.018				
CCB	50.0		1.00	0.000				
CCV	50.0		1.00	0.307				
	50.0		1.00					

PB71 : 00056

TEST SETUP
GENESYS 10 vZ.100 ZD7H048001

Standard Curve	4:06pm 10Jun09
Test Name	SULFIDE[Saved]
Date Standards Measured	10Jun09
Wavelength	650nm
Ref. Wavelength Correction	Off
Curve Fit	Linear
Number of Standards	6
Units	mg/L
ID# (0=OFF)	1
Low/High Limits	-9999/9999
Statistics	Off
Auto Print	On



Curve Fit	Linear
Slope	3.1
Intercept	-0.00136
Std Dev	0.003
Corr Coeff	1.000

Std #	Conc. mg/L	Abs 650nm
1	0.000	0.000
2	0.010	0.030
3	0.025	0.077
4	0.050	0.148
5	0.100	0.312
6	0.200	0.618

6-10-09
MF

TEST SETUP
GENESYS 10 vZ.100 ZD7H048001

Advanced A-%T-C	4:28pm 10Jun09
Test Name	SULFIDE[Saved]
Measurement Mode	Absorbance
Wavelength	650nm
Ref. Wavelength Correction	Off
Delay Time (min:sec)	0:00
ID# (0=OFF)	1
Low/High Limits	0.050/1.000
Statistics	Off
Auto Print	On

ID#	Abs 650nm	
1	0.000	Low
2	0.309	

3	-0.001	Low
4	-0.003	Low
5	0.270	
6	0.016	Low
7	-0.005	Low
8	-0.010	Low
9	-0.017	Low
10	-0.019	Low
11	0.002	Low
12	-0.016	Low
~~13~~	~~-0.044~~	~~Low~~
14	0.000	Low
~~15~~	~~0.333~~	
16	0.311	
17	0.001	Low
18	-0.001	Low
19	-0.006	Low
20	0.001	Low
21	-0.013	Low
22	-0.018	Low
23	0.000	Low
24	0.307	

Original Run Filename: OM_6-10-2009_04-05-59PM.OMN created 6/10/2009 4:05:59 PM
Original Run Author's Signature: RR
Current Run Filename: 061009NH3A.omn last modified 6/10/2009 6:55:51 PM
Description: 061009NH3A LACHAT1
Standards made from ARI Stock# 0091-10

Sample	Cup No.	Channel 1 NH3 Conc. (mg N/L)	Channel 1 NH3 Area (Vs)	Detection Time	MANUAL DILUTION FACTOR
STD 1.0	S1	1	31.6293	6/10/2009@4:06:58 PM	
STD 0.8	S2	0.8	25.6915	6/10/2009@4:08:09 PM	
STD 0.5	S3	0.5	15.9470	6/10/2009@4:09:19 PM	
STD 0.2	S4	0.2	6.2539	6/10/2009@4:10:30 PM	
STD 0.05	S5	0.05	1.3420	6/10/2009@4:11:40 PM	
STD 0.02	S6	0.02	0.4774	6/10/2009@4:12:51 PM	
STD 0.01	S7	0.01	-0.0057	6/10/2009@4:14:02 PM	
BLANK	S8	0	-0.2642	6/10/2009@4:15:13 PM	
ICV ERA 04088	9	0.5047	15.9817	6/10/2009@4:16:24 PM	
Known Conc:		0.5			
ICB	10	0.0025	-0.1376	6/10/2009@4:21:53 PM	
Known Conc:		0			
~~LOW~~	~~11~~	~~0.0054~~	~~-0.0442~~	~~6/10/2009@4:27:23 PM~~	-
~~Known Conc:~~		~~0.01~~	-	-	-
FILTER BLK	12	0.0023	-0.1435	6/10/2009@4:40:16 PM	
~~PB05 A3~~	~~13~~	~~2.694~~	~~43.0215~~	~~6/10/2009@4:41:27 PM~~	~~2.0000~~
~~PB05 A3 DUP~~	~~13~~	~~2.6996~~	~~43.1119~~	~~6/10/2009@4:42:39 PM~~	~~2.0000~~
~~PB05 A3 MS~~	~~14~~	~~5.1627~~	~~32.9277~~	~~6/10/2009@4:43:49 PM~~	~~5.0000~~
~~Spike Level:~~		~~2.5~~	-	-	-
~~PB05 C3~~	~~15~~	~~3.7908~~	~~60.6270~~	~~6/10/2009@4:45:00 PM~~	~~2.0000~~
PB05 D3	16	1.5585	9.7872	6/10/2009@4:46:12 PM	5.0000

%R= 100.94

PB05 E3	17	0.7179	11.3034	6/10/2009@4:47:23 PM	2.0000
~~PB24 C2~~	~~18~~	~~3.6908~~	~~118.2628~~	~~6/10/2009@4:48:35 PM~~	-
~~LOW RERUN~~	~~11~~	~~0.0047~~	~~-0.0688~~	~~6/10/2009@4:49:46 PM~~	-
CCV	19	0.4881	15.4493	6/10/2009@4:50:56 PM	
Known Conc:		0.5			
CCB	20	0.0095	0.0861	6/10/2009@4:56:25 PM	
Known Conc:		0			
PB24 E2	21	1.4631	23.2657	6/10/2009@5:01:56 PM	2.0000
~~PB30 A2~~	~~22~~	~~-0.0189~~	~~-0.8246~~	~~6/10/2009@5:03:07 PM~~	-
PB30 B3	23	0.0422	1.1354	6/10/2009@5:04:18 PM	
~~PB30 C2~~	~~24~~	~~3.5098~~	~~112.4517~~	~~6/10/2009@5:05:30 PM~~	-
PB30 D2	25	0.0168	0.3219	6/10/2009@5:06:41 PM	
~~PB30 E2~~	~~26~~	~~-0.0194~~	~~-0.8427~~	~~6/10/2009@5:07:53 PM~~	-
PB71 A2	27	1.4473	23.0118	6/10/2009@5:09:05 PM	2.0000
PB71 A2 DUP	27	1.4528	23.0994	6/10/2009@5:10:16 PM	2.0000
PB71 A2	27	1.4457	22.9863	6/10/2009@5:11:28 PM	2.0000
PB71 A2 MS	28	3.9492	25.1364	6/10/2009@5:12:39 PM	5.0000
Spike Level:		2.5			
CCV	19	0.4745	15.0143	6/10/2009@5:13:51 PM	
Known Conc:		0.5			
CCB	20	-0.002	-0.2838	6/10/2009@5:19:20 PM	
Known Conc:		0			
LOW RERUN	11	0.0061	-0.0240	6/10/2009@5:24:50 PM	
Known Conc:		0.01			
~~PB71 B2~~	~~29~~	~~2.4952~~	~~79.8817~~	~~6/10/2009@5:26:01 PM~~	-

%RPD= 0.38

%R= 100.08

%R= 61.00

~~PB71 C2~~	~~30~~	~~1.8444~~	~~58.9900~~	~~6/10/2009@5:27:13 PM~~	-
PB71 D2	31	1.8423	29.3521	6/10/2009@5:28:25 PM	2.0000
~~PB71 E2~~	~~32~~	~~2.3424~~	~~37.3789~~	~~6/10/2009@5:29:37 PM~~	~~2.0000~~
PB71 F2	33	0.9451	30.1207	6/10/2009@5:30:49 PM	
~~PB71 G2~~	~~34~~	~~2.6737~~	~~85.6110~~	~~6/10/2009@5:32:00 PM~~	-
~~PB71 H2~~	~~35~~	~~1.0194~~	~~32.5048~~	~~6/10/2009@5:33:11 PM~~	-
PB71 I2	36	1.4745	23.4483	6/10/2009@5:34:23 PM	2.0000
PB71 J2	37	0.8294	26.4057	6/10/2009@5:35:35 PM	
CCV	19	0.4805	15.2075	6/10/2009@5:36:47 PM	
Known Conc:		0.5			
CCB	20	0.0047	-0.0695	6/10/2009@5:42:17 PM	
Known Conc:		0			
~~PB71 K2~~	~~38~~	~~3.3186~~	~~53.0475~~	~~6/10/2009@5:47:47 PM~~	~~2.0000~~
~~PB71 L2~~	~~39~~	~~2.3729~~	~~37.8681~~	~~6/10/2009@5:48:59 PM~~	~~2.0000~~
~~PB71 M2~~	~~40~~	~~1.5711~~	~~50.2171~~	~~6/10/2009@5:50:10 PM~~	-
PB71 N2	41	1.7012	27.0868	6/10/2009@5:51:23 PM	2.0000
PC02 A2	42	0.165	5.0779	6/10/2009@5:52:35 PM	
PC02 B2	43	0.0285	0.6956	6/10/2009@5:53:47 PM	
PC02 C2	44	0.1235	3.7450	6/10/2009@5:54:59 PM	
~~PB05 A3~~	~~45~~	~~2.7657~~	~~17.5380~~	~~6/10/2009@5:56:11 PM~~	~~5.0000~~
~~PB05 A3 DUP~~	~~46~~	~~5.2091~~	~~33.2256~~	~~6/10/2009@5:57:23 PM~~	~~5.0000~~
~~PB05 A3 MS~~	~~46~~	~~5.1988~~	~~33.1592~~	~~6/10/2009@5:58:36 PM~~	~~5.0000~~
Spike Level:		2.5			
CCV	19	0.4786	15.1439	6/10/2009@5:59:47 PM	
Known Conc:		0.5			
CCB	20	-0.0017	-0.2745	6/10/2009@6:05:17 PM	
Known Conc:		0			

PB05 C3	47	4.164	26.5154	6/10/2009@6:10:48 PM	5.0000
PB24 C2	48	4.3631	27.7937	6/10/2009@6:12:04 PM	5.0000
PB30 A2	49	-0.0299	-0.4111	6/10/2009@6:13:16 PM	5.0000
PB30 C2	50	4.0082	25.5155	6/10/2009@6:14:28 PM	5.0000
PB30 E2	51	-0.027	-0.3925	6/10/2009@6:15:40 PM	5.0000
PB71 B2	52	2.5499	16.1525	6/10/2009@6:16:53 PM	5.0000
PB71 C2	53	1.9303	30.7638	6/10/2009@6:18:06 PM	2.0000
PB71 E2	54	2.3767	15.0405	6/10/2009@6:19:18 PM	5.0000
PB71 G2	55	2.8322	17.9648	6/10/2009@6:20:30 PM	5.0000
PB71 H2	56	1.0289	16.2951	6/10/2009@6:21:43 PM	2.0000
CCV	19	0.4906	15.5300	6/10/2009@6:22:55 PM	
Known Conc:		0.5			
CCB	20	-0.0012	-0.2590	6/10/2009@6:28:25 PM	
Known Conc:		0			
PB71 K2	57	3.4106	21.6787	6/10/2009@6:33:57 PM	5.0000
PB71 L2	58	2.4618	15.5867	6/10/2009@6:35:09 PM	5.0000
PB71 M2	59	1.6126	25.6640	6/10/2009@6:36:22 PM	2.0000
PB05 A3	45	2.7648	17.5318	6/10/2009@6:37:34 PM	5.0000
PB05 A3 DUP	45	2.7505	17.4403	6/10/2009@6:38:45 PM	5.0000
PB05 A3 MS	46	5.232	33.3724	6/10/2009@6:39:58 PM	5.0000
Spike Level:		2.5			
CCV	19	0.493	15.6080	6/10/2009@6:45:29 PM	
Known Conc:		0.5			
CCB	20	0.008	0.0373	6/10/2009@6:50:58 PM	
Known Conc:		0			

%RPD= 0.52

%R= 98.69

Original Run Filename: OM_6-10-2009_04-05-59PM.OMN created 6/10/2009 4:05:59 PM
Original Run Author's Signature: [Omnion User]
Current Run Filename: 061009NH3A.omn last modified 6/10/2009 6:55:51 PM
Current Run Author's Signature: [Omnion User]
Description: Default New Run

Sample	Cup No.	Channel 1 NH3 Conc. (mg N/L)	Channel 1 NH3 Area (Vs)	Detection Time	MDF
STD 1.0	S1	1.0000	31.6293	6/10/2009@4:06:58 PM	
STD 0.8	S2	0.8000	25.6915	6/10/2009@4:08:09 PM	
STD 0.5	S3	0.5000	15.9470	6/10/2009@4:09:19 PM	
STD 0.2	S4	0.2000	6.2539	6/10/2009@4:10:30 PM	
STD 0.05	S5	0.0500	1.3420	6/10/2009@4:11:40 PM	
STD 0.02	S6	0.0200	0.4774	6/10/2009@4:12:51 PM	
STD 0.01	S7	0.0100	-0.0057	6/10/2009@4:14:02 PM	
BLANK	S8	0.0000	-0.2642	6/10/2009@4:15:13 PM	
ICV	9	0.5047	15.9817	6/10/2009@4:16:24 PM	
Known Conc:		0.5000			
Calibration:		Table/Fig. 1			
ICB	10	0.0025	-0.1376	6/10/2009@4:21:53 PM	
Known Conc:		0.0000			
LOW	11	0.0054	-0.0442	6/10/2009@4:27:23 PM	
Known Conc:		0.0100			
FILTER BLK	12	0.0023	-0.1435	6/10/2009@4:40:16 PM	
PB05 A3	13	2.6940	43.0215	6/10/2009@4:41:27 PM	2.00
PB05 A3 DUP	13	2.6996	43.1119	6/10/2009@4:42:39 PM	2.00
PB05 A3 MS	14	5.1627	32.9277	6/10/2009@4:43:49 PM	5.00
Spike Level:		2.5000			
PB05 C3	15	3.7908	60.6270	6/10/2009@4:45:00 PM	2.00
PB05 D3	16	1.5585	9.7872	6/10/2009@4:46:12 PM	5.00
PB05 E3	17	0.7179	11.3034	6/10/2009@4:47:23 PM	2.00
PB24 C2	18	3.6908	118.2628	6/10/2009@4:48:35 PM	
LOW RERUN	11	0.0047	-0.0688	6/10/2009@4:49:46 PM	
CCV	19	0.4881	15.4493	6/10/2009@4:50:56 PM	
Known Conc:		0.5000			
CCB	20	0.0095	0.0861	6/10/2009@4:56:25 PM	
Known Conc:		0.0000			
PB24 E2	21	1.4631	23.2657	6/10/2009@5:01:56 PM	2.00
PB30 A2	22	-0.0189	-0.8246	6/10/2009@5:03:07 PM	
PB30 B3	23	0.0422	1.1354	6/10/2009@5:04:18 PM	
PB30 C2	24	3.5098	112.4517	6/10/2009@5:05:30 PM	
PB30 D2	25	0.0168	0.3219	6/10/2009@5:06:41 PM	
PB30 E2	26	-0.0194	-0.8427	6/10/2009@5:07:53 PM	
PB71 A2	27	1.4473	23.0118	6/10/2009@5:09:05 PM	2.00
PB71 A2 DUP	27	1.4528	23.0994	6/10/2009@5:10:16 PM	2.00
PB71 A2	27	1.4457	22.9863	6/10/2009@5:11:28 PM	2.00
PB71 A2 MS	28	3.9492	25.1364	6/10/2009@5:12:39 PM	5.00
Spike Level:		0.5000			
CCV	19	0.4745	15.0143	6/10/2009@5:13:51 PM	
Known Conc:		0.5000			
CCB	20	-0.0020	-0.2838	6/10/2009@5:19:20 PM	
Known Conc:		0.0000			
LOW RERUN	11	0.0061	-0.0240	6/10/2009@5:24:50 PM	
Known Conc:		0.0100			
PB71 B2	29	2.4952	79.8817	6/10/2009@5:26:01 PM	
PB71 C2	30	1.8444	58.9900	6/10/2009@5:27:13 PM	
PB71 D2	31	1.8423	29.3521	6/10/2009@5:28:25 PM	2.00
PB71 E2	32	2.3424	37.3789	6/10/2009@5:29:37 PM	2.00
PB71 F2	33	0.9451	30.1207	6/10/2009@5:30:49 PM	
PB71 G2	34	2.6737	85.6110	6/10/2009@5:32:00 PM	
PB71 H2	35	1.0194	32.5048	6/10/2009@5:33:11 PM	
PB71 I2	36	1.4745	23.4483	6/10/2009@5:34:23 PM	2.00
PB71 J2	37	0.8294	26.4057	6/10/2009@5:35:35 PM	
CCV	19	0.4805	15.2075	6/10/2009@5:36:47 PM	
Known Conc:		0.5000			
CCB	20	0.0047	-0.0695	6/10/2009@5:42:17 PM	

Known Conc:		0.0000			
PB71 K2	38	3.3186	53.0475	6/10/2009@5:47:47 PM	2.00
PB71 L2	39	2.3729	37.8681	6/10/2009@5:48:59 PM	2.00
PB71 M2	40	1.5711	50.2171	6/10/2009@5:50:10 PM	
PB71 N2	41	1.7012	27.0868	6/10/2009@5:51:23 PM	2.00
PC02 A2	42	0.1650	5.0779	6/10/2009@5:52:35 PM	
PC02 B2	43	0.0285	0.6956	6/10/2009@5:53:47 PM	
PC02 C2	44	0.1235	3.7450	6/10/2009@5:54:59 PM	
PB05 A3	45	2.7657	17.5380	6/10/2009@5:56:11 PM	5.00
PB05 A3 DUP	46	5.2091	33.2256	6/10/2009@5:57:23 PM	5.00
PB05 A3 MS	46	5.1988	33.1592	6/10/2009@5:58:36 PM	5.00
Spike Level:		2.5000			
CCV	19	0.4786	15.1439	6/10/2009@5:59:47 PM	
Known Conc:		0.5000			
CCB	20	-0.0017	-0.2745	6/10/2009@6:05:17 PM	
Known Conc:		0.0000			
PB05 C3	47	4.1640	26.5154	6/10/2009@6:10:48 PM	5.00
PB24 C2	48	4.3631	27.7937	6/10/2009@6:12:04 PM	5.00
PB30 A2	49	-0.0299	-0.4111	6/10/2009@6:13:16 PM	5.00
PB30 C2	50	4.0082	25.5155	6/10/2009@6:14:28 PM	5.00
PB30 E2	51	-0.0270	-0.3925	6/10/2009@6:15:40 PM	5.00
PB71 B2	52	2.5499	16.1525	6/10/2009@6:16:53 PM	5.00
PB71 C2	53	1.9303	30.7638	6/10/2009@6:18:06 PM	2.00
PB71 E2	54	2.3767	15.0405	6/10/2009@6:19:18 PM	5.00
PB71 G2	55	2.8322	17.9648	6/10/2009@6:20:30 PM	5.00
PB71 H2	56	1.0289	16.2951	6/10/2009@6:21:43 PM	2.00
CCV	19	0.4906	15.5300	6/10/2009@6:22:55 PM	
Known Conc:		0.5000			
CCB	20	-0.0012	-0.2590	6/10/2009@6:28:25 PM	
Known Conc:		0.0000			
PB71 K2	57	3.4106	21.6787	6/10/2009@6:33:57 PM	5.00
PB71 L2	58	2.4618	15.5867	6/10/2009@6:35:09 PM	5.00
PB71 M2	59	1.6126	25.6640	6/10/2009@6:36:22 PM	2.00
PB05 A3	45	2.7648	17.5318	6/10/2009@6:37:34 PM	5.00
PB05 A3 DUP	45	2.7505	17.4403	6/10/2009@6:38:45 PM	5.00
PB05 A3 MS	46	5.2320	33.3724	6/10/2009@6:39:58 PM	5.00
Spike Level:		2.5000			
CCV	19	0.4930	15.6080	6/10/2009@6:45:29 PM	
Known Conc:		0.5000			
CCB	20	0.0080	0.0373	6/10/2009@6:50:58 PM	
Known Conc:		0.0000			

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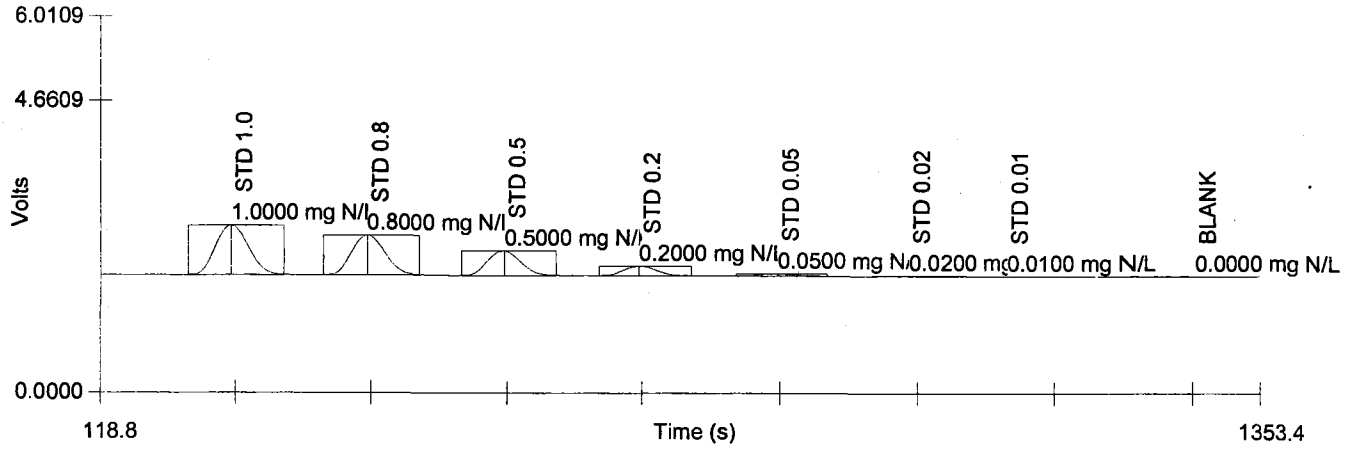
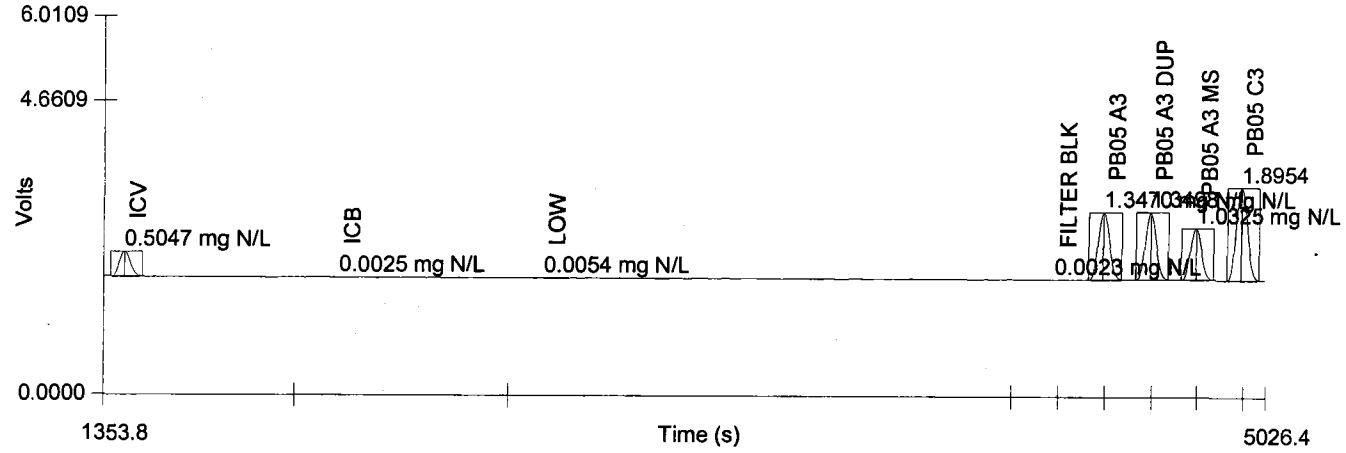


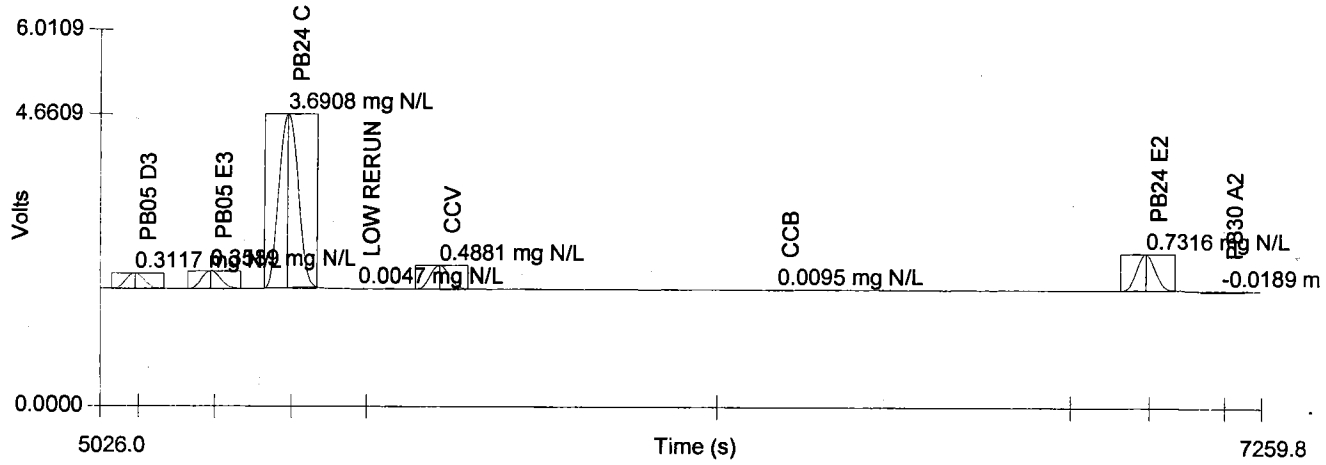
Author: RR

Date : 6/10/2009

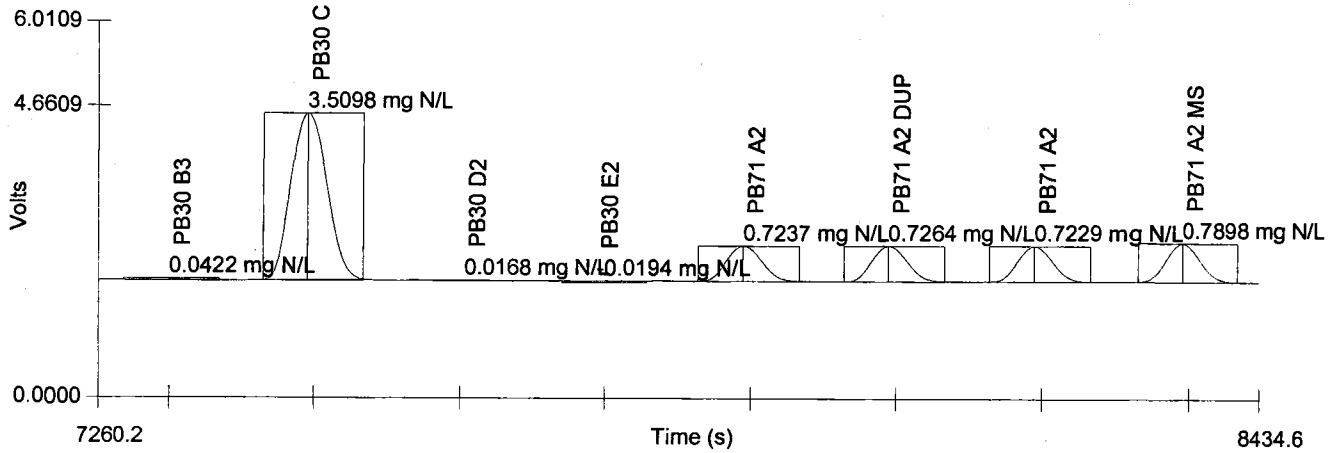
Channel 1: Set 2 of 10



Channel 1: Set 3 of 10



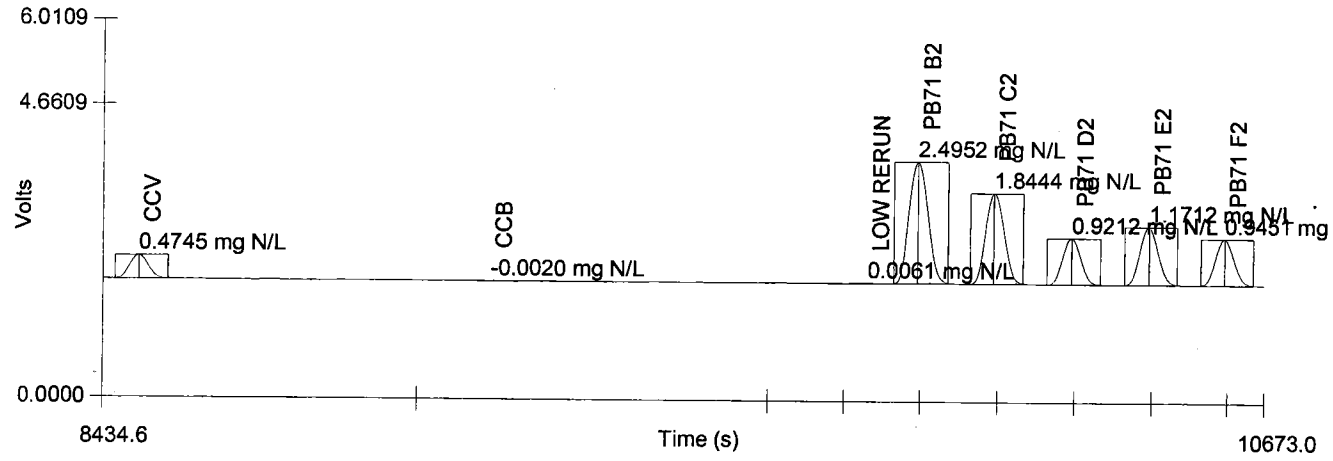
Channel 1: Set 4 of 10



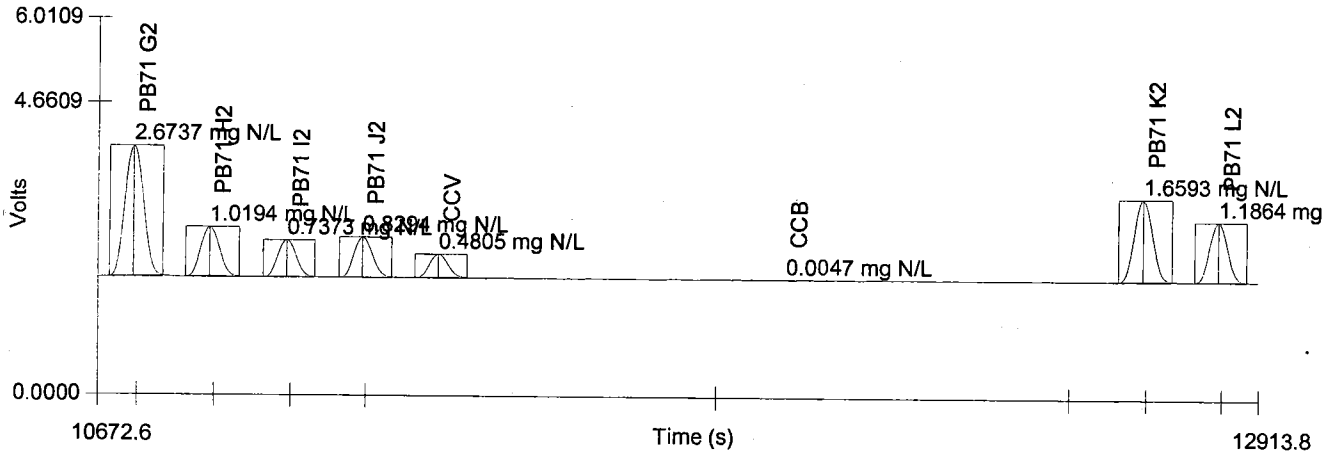
Author: RR

Date : 6/10/2009

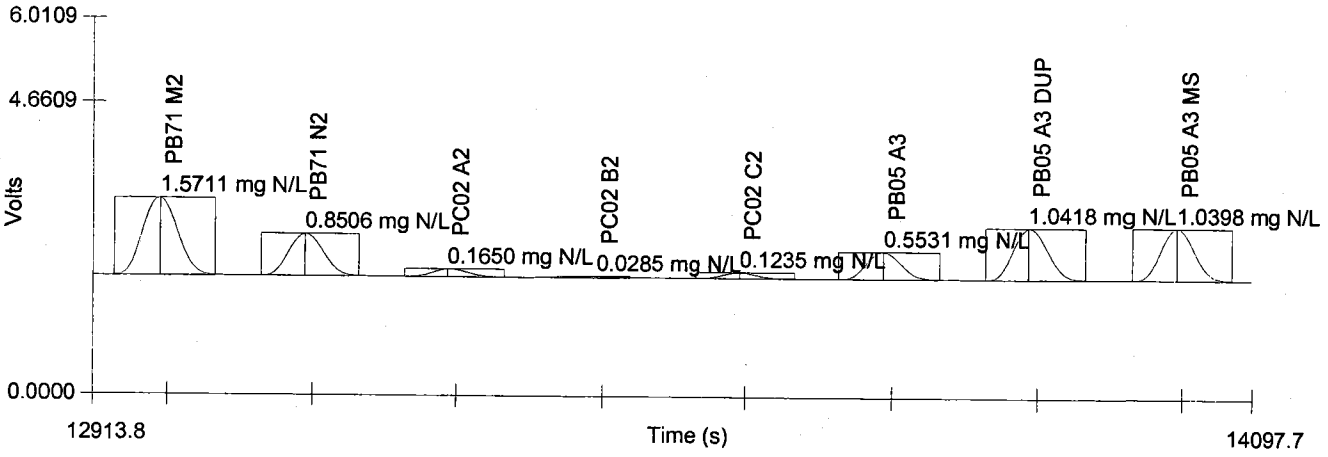
Channel 1: Set 5 of 10



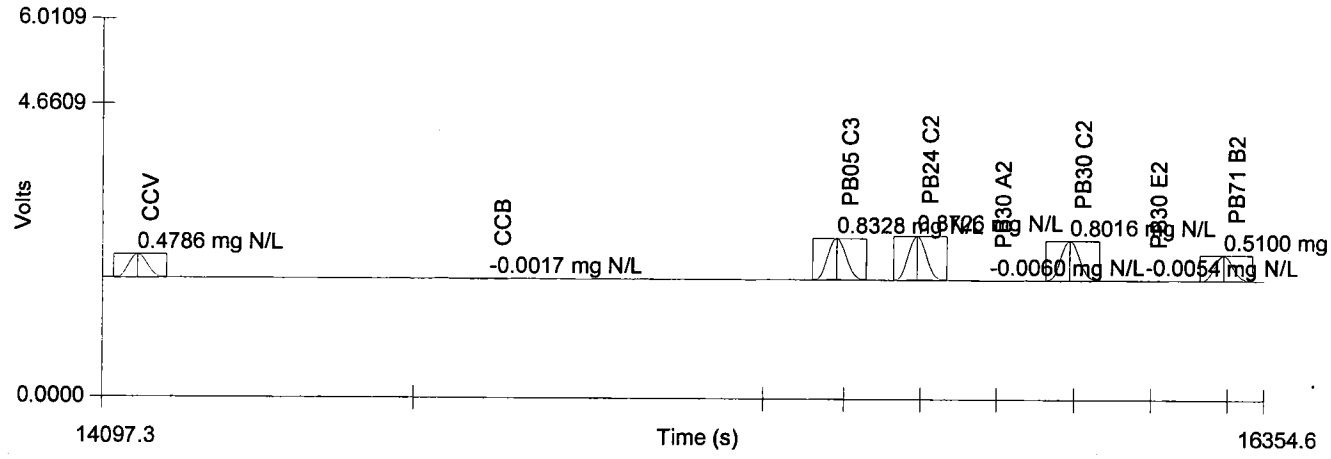
Channel 1: Set 6 of 10



Channel 1: Set 7 of 10



Channel 1: Set 8 of 10



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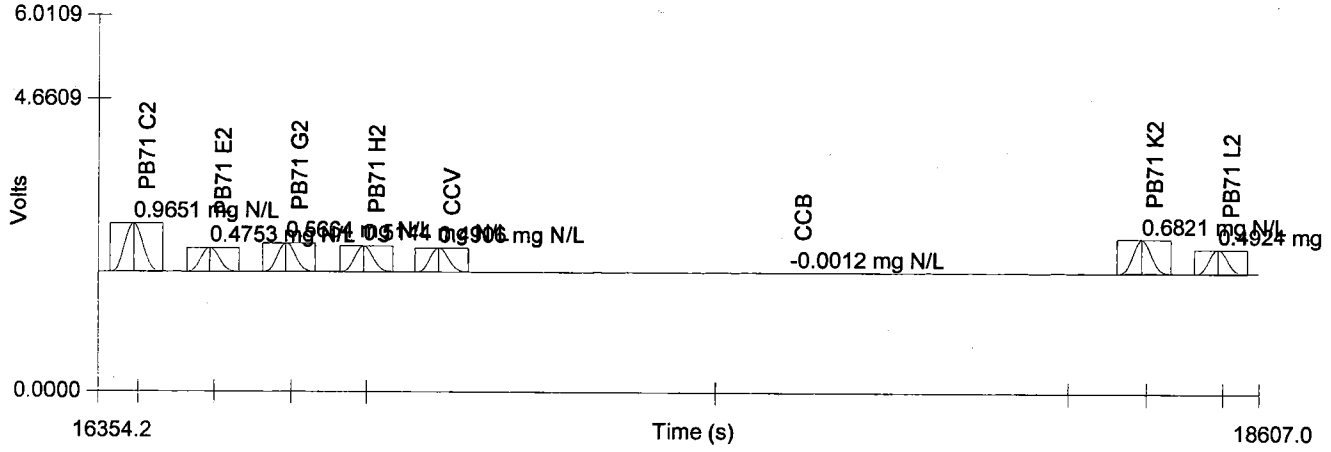


Channel 1: Set 10 of 10

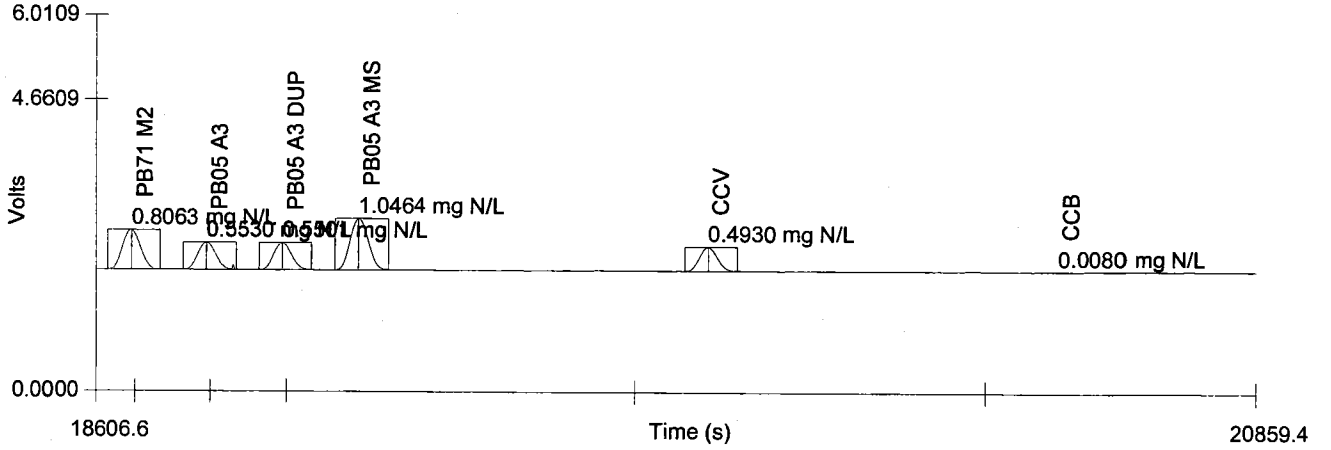
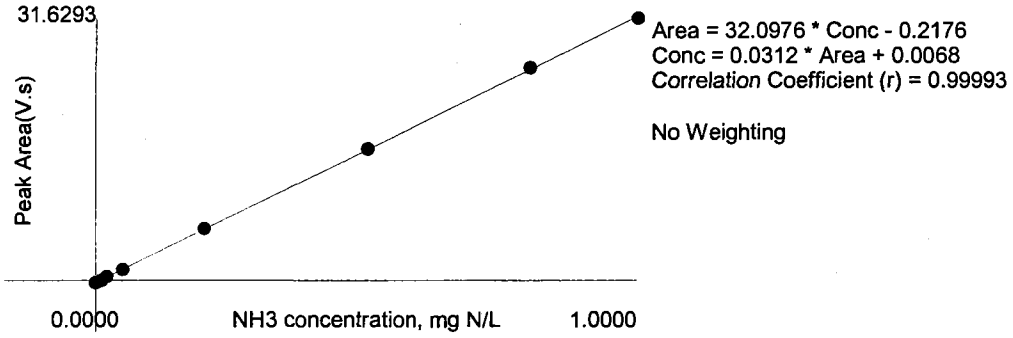


Table 1: NH3

	Conc. (mg N/L)	Rep	Peak Area (Volt-s)	Peak Height (Volts)	% Residual	Detection Date	Detection Time
1	1.0000	1	31.6293	0.7857	0.8	6/10/2009	4:06:58 PM
2	0.8000	1	25.6915	0.6324	-0.9	6/10/2009	4:08:09 PM
3	0.5000	1	15.9470	0.3927	-0.7	6/10/2009	4:09:19 PM
4	0.2000	1	6.2539	0.1527	-0.8	6/10/2009	4:10:30 PM
5	0.0500	1	1.3420	0.0330	3.3	6/10/2009	4:11:40 PM
6	0.0200	1	0.4774	0.0099	-12.5	6/10/2009	4:12:51 PM
7	0.0100	1	-0.0057	-0.0026	105.5	6/10/2009	4:14:02 PM
8	0.0000	1	-0.2642	-0.0062		6/10/2009	4:15:13 PM

Figure 1: NH3



Analytical Resources, Incorporated
Analytical Chemists and Consultants

January 15, 2010

Joy Dunay
Anchor QEA
1423 Third Avenue, Suite 300
Seattle, WA 98101

RE: Project: Baywood, 080547-01
ARI Job No.: QC26

Dear Joy:

Please find enclosed the original Chain-of-Custody (COC) record, sample receipt documentation, and the final data package for the samples from the project referenced above.

Sample receipt and details of these analyses are discussed in the Case Narrative.

An electronic copy of this package will remain on file with ARI. Should you have any questions or problems, please feel free to contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Cheronne Oreiro
Project Manager
-For-
Susan Dunnihoo
Director, Client Services
sue@arilabs.com
206-695-6207

Enclosures

cc: eFile QC26

4611 South 134th Place, Suite 100 • Tukwila WA 98168 • **206-695-6200** • **206-695-6201** fax

Chain of Custody
Documentation

prepared
for

Anchor QEA

Project: BAYWOOD, 080547-01

ARI JOB NO: QC26

prepared
by

Analytical Resources, Inc.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number:	Turn-around Requested: Standard	Page: 1 of 1	
ARI Client Company: Anchor QEA	Phone: (206)287-9130	Date: 12/18/09	Ice Present? Yes.
Client Contact: Joy Duvay		No. of Coolers: 2	Cooler Temps: 2.3 5.5
Client Project Name: Bay Wood			
Client Project #: 080547-01	Samplers: David Gillingham, Liz Vonckx		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Grain size	LOI	TOC/TS	EPH	VPH	Ammonia	Sulfides	Archive			Notes/Comments
BW-05-SS-091218	18Dec09	0945	sed	10	X	X	X	X	X	X	X	X			MS/MSD
BW-01-SS-091218	18Dec09	1032	sed	8	X	X	X	X	X	X	X	X			
BW-04-SS-091218	18Dec09	1120	sed	8	X	X	X	X	X	X	X	X			
BW-51-SS-091218	18Dec09	1032	sed	5	X	X	X	X	X						
BW-07-SS-091218	18Dec09	1232	sed	8	X	X	X	X	X	X	X	X			
BW-11-SS-091218	18Dec09	1155	sed	8	X	X	X	X	X	X	X	X			
				EWV 12/18/09											

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: LIZ VONCKX	Printed Name: A. Volgardsen	Printed Name:	Printed Name:
	Company: ANCHOR QEA	Company: ARI	Company:	Company:
	Date & Time: 12/18/09 1532	Date & Time: 12/18/09 1532	Date & Time:	Date & Time:

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Anchor

COC No(s): _____ (NA)

Assigned ARI Job No: QC26

Project Name: Baywood

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)..... 2.3 5.5 ___ ___ ___ ___

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 90877952

Cooler Accepted by: AV Date: 12/18/09 Time: 1531

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap (Wet Ice) Gel Packs (Baggies) Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	(YES)	NO
Were all bottles sealed in individual plastic bags?		(YES)	NO
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI.....	(NA)		

Samples Logged by: _____ Date: 12/21/09 Time: 0800

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small → "sm"

Peabubbles → "pb"

Large → "lg"

Headspace → "hs"

Case Narrative

prepared
for

Anchor QEA

Project: BAYWOOD, 080547-01

ARI JOB NO: QC26

prepared
by

Analytical Resources, Inc.

Case Narrative

Client: Anchor QEA
Project: Baywood, 080547-01
Matrix: Sediment
ARI Job No.: QC26

Sample receipt

Six sediment samples were received on December 18, 2009, under ARI job QC26. The cooler temperatures measured by IR thermometer following ARI SOP were 2.3 and 5.5°C. For further details regarding sample receipt, please refer to the Cooler Receipt Form.

Volatile Petroleum Hydrocarbons by WA DOE VPH

The samples and associated laboratory QC were initially analyzed within the method recommended holding times.

Initial and continuing calibrations were within method requirements.

The surrogate percent recoveries of 2,5-Dibromotolueme fell outside the control limits low for samples **BW-04-SS-091218**, **BW-51-SS-091218**, and **BW-11-SS-091218**. These samples were re-analyzed outside the method recommended holding time. All re-analysis surrogate percent recoveries for samples **BW-04-SS-091218** and **BW-51-SS-091218** were within control limits. The re-analysis surrogate percent recoveries fell outside control limits low for sample **BW-11-SS-091218**. Both sets of data have been included in this package for review. No further corrective action was required.

The method blanks were clean at the reporting limits.

The LCSD percent recovery of 1-Methylnaphthalene was outside the control limits high for **LCS-123109**. All other LCS and LCSD percent recoveries were within control limits. No corrective action was required.

Several matrix spike and matrix spike duplicate percent recoveries fell outside the control limits low for sample **BW-05-SS-091218**. No corrective action is required for matrix QC.

Extractable Petroleum Hydrocarbons by WA DOE EPH

The samples and associated laboratory QC were initially analyzed within the method recommended holding times.

Initial and continuing calibrations were within method requirements.

The surrogate percent recoveries were within control limits.

The method blanks were clean at the reporting limit. The LCS percent recoveries were within control limits.

The matrix spike and matrix spike duplicate percent recoveries were within advisory control limits.

General Chemistry Parameters

The samples were prepared and analyzed within the required holding time for all parameters.

It was noted by the analyst that there were more than twenty samples analyzed for ammonia associated with the method blank and LCS for the 12/21/09 analysis. All other quality control parameters were for ammonia. No corrective action was taken.

The method blanks were clean at the reporting limits. The LCS percent recoveries were within control limits.

The SRM percent recoveries were within limits.

The matrix spike percent recoveries were within control limits.

The replicate RPD of sulfide was outside the control limit for sample **BW-05-SS-091218**. All other quality control parameters were met for sulfide. No corrective action was required.

Geotechnical Parameters

A laboratory-specific narrative follows.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Client: Anchor QEA	**ARI Job No.:** QC26
Client Project: Baywood	**Client Project No.:** 080547-01

Case Narrative

1. Six samples were submitted for grain size analysis according to Puget Sound Estuary Protocol (PSEP) methodology on December 18, 2009.
2. The samples were run in a single batch and one sample from this job, BW-05-SS-091218, was chosen for triplicate analysis. The triplicate data is reported on the QA summary.
3. The samples contained woody or other organic matter, which may have broken down during the sieving process, affecting grain size analysis.
4. Sample BW-11-SS-091218 contained some shell fragments.
5. The samples were submitted for loss on ignition determination according to ASTM D2974.
6. The data is provided in summary tables and plots.
7. There were no other noted anomalies in this project.

Approved by: _____ Date: 1/11/10
Geotechnical Laboratory Manager

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Data Reporting Qualifiers

Effective 7/10/2009

Inorganic Data

U Indicates that the target analyte was not detected at the reported concentration

* Duplicate RPD is not within established control limits

B Reported value is less than the CRDL but ≥ the Reporting Limit

N Matrix Spike recovery not within established control limits

NA Not Applicable, analyte not spiked

H The natural concentration of the spiked element is so much greater than the concentration spiked that an accurate determination of spike recovery is not possible

L Analyte concentration is ≤5 times the Reporting Limit and the replicate control limit defaults to ±1 RL instead of the normal 20% RPD

Organic Data

U Indicates that the target analyte was not detected at the reported concentration

* Flagged value is not within established control limits

B Analyte detected in an associated Method Blank at a concentration greater than one-half of ARI's Reporting Limit or 5% of the regulatory limit or 5% of the analyte concentration in the sample.

J Estimated concentration when the value is less than ARI's established reporting limits

D The spiked compound was not detected due to sample extract dilution

E Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

Q Indicates a detected analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20%Drift or minimum RRF).

S Indicates an analyte response that has saturated the detector. The calculated concentration is not valid; a dilution is required to obtain valid quantification of the analyte

Data Reporting Qualifiers

Effective 7/10/2009

NA The flagged analyte was not analyzed for

NR Spiked compound recovery is not reported due to chromatographic interference

NS The flagged analyte was not spiked into the sample

M Estimated value for an analyte detected and confirmed by an analyst but with low spectral match parameters. This flag is used only for GC-MS analyses

M2 The sample contains PCB congeners that do not match any standard Aroclor pattern. The PCBs are identified and quantified as the Aroclor whose pattern most closely matches that of the sample. The reported value is an estimate.

N The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification"

Y The analyte is not detected at or above the reported concentration. The reporting limit is raised due to chromatographic interference. The Y flag is equivalent to the U flag with a raised reporting limit.

C The analyte was positively identified on only one of two chromatographic columns. Chromatographic interference prevented a positive identification on the second column

P The analyte was detected on both chromatographic columns but the quantified values differ by ≥40% RPD with no obvious chromatographic interference

Geotechnical Data

A The total of all fines fractions. This flag is used to report total fines when only sieve analysis is requested and balances total grain size with sample weight.

F Samples were frozen prior to particle size determination

SM Sample matrix was not appropriate for the requested analysis. This normally refers to samples contaminated with an organic product that interferes with the sieving process and/or moisture content, porosity and saturation calculations

SS Sample did not contain the proportion of "fines" required to perform the pipette portion of the grain size analysis

W Weight of sample in some pipette aliquots was below the level required for accurate weighting

SURR SOLUTIONS

1/5/2010

LABEL	SOLN ID	TEST	CONC. UG/ML	SOLVENT	EXP.
A	1662-3	ABN	100/150	MEOH	10/08/10
B	1633-3	SIM PNA	15/75	MEOH	08/12/10
C*	1559-1	SIM ABN	25/37.5	MEOH	03/13/10
D	1689-2	LOW PCB	0.2	ACETONE	12/29/10
E	1661-2	HERB	62.5	MEOH	10/02/10
F	1683-3	PCP	12.5	ACETONE	12/09/10
G*	1534-1	1,4DIOXANE	100	MEOH	02/20/10
H	1594-1	OP-PEST	25	MEOH	04/01/10
I	1634-1	LOW S. PNA	1.5	MEOH	08/12/10
J	1681-2	TBT-PORE	0.125	MECL2	12/01/10
K	1689-1	MED PCB	20	ACETONE	12/29/10
L	1681-1	TBT	2.5	MECL2	12/01/10
M	1682-1	EPH	1500	MECL2	09/17/10
N	1689-3	PCB	2	ACETONE	12/29/10
O	1647-2	TPH	450	MECL2	07/02/10
P	1666-3	HCID	2250	MECL2	05/06/10
Q	1620-2	EDB	1	MEOH	06/22/10
R	1615-1	RESIN ACID	250	ACETONE	06/17/10
S#	1568-5	PBDE	.25	MEOH	NA
T	1674-2	ALKYL PNA	10	MEOH	07/30/10
U	1633-1	CONGENER	2.5	ACETONE	08/11/10
V					
*reverified solution					
#project specific					
Y					
Z					

LCS SOLUTIONS

1/5/2010

LABL	SOLN ID	TEST	CONC. UG/ML	SOLVENT	EXP.
1	1686-1	PCB 1660	20	ACETONE	09/01/10
2#	1472-3	BCOC PEST	10	ACETONE	NA
3	1620-4	PEST	02/04/20	ACETONE	06/26/10
4	1667-1	LOW PEST	0.2/0.4/2	ACETONE	06/26/10
5	1677-1	EPH	1500	MECL2	11/12/10
6	1655-3	PCP	12.5/125	ACETONE	09/24/10
7	1677-3	ABN	100	ACETONE	07/01/10
8	1681-4	TBT	2.5	MECL2	12/01/10
9	1682-2	PORE TBT	.125/.25	MECL2	12/01/10
10	1621-4	ABN ACID	100/200	MEOH	07/14/10
11	1642-2	TPHD	15000	ACETONE	09/07/10
12	1622-2	ABN BASE	200	ACETONE	02/05/10
13	1613-1	LOW PCB	2	ACETONE	06/08/10
14*	1547-1	LOW ABN ACID	10/20	MEOH	04/10/10
15*	1591-3	SIM PNA	15/75	MEOH	08/28/10
16	1602-3	DIOXANE	100	MEOH	03/20/10
17	1644-1	1248 PCB	10	ACETONE	09/10/10
18*	1591-4	LOW SIM PNA	1.5	ACETONE	08/28/10
19	1685-3	AK103	7500	ACETONE	09/03/10
20	1682-4	PNA	100	ACETONE	12/04/10
21	1593-3	SKY/BHT	100	MEOH	03/31/10
22	1675-1	HERB	12.5/12500	MEOH	02/19/10
23*	1505-1	LW ABN BASE	20	MEOH	03/20/10
24	1613-2	LOW ABN	10	ACETONE	02/28/10
25#	1481-1	DIPHENYL	100	MEOH	NA
26*	1545-2	OP-PEST	25	MEOH	02/16/10
27	1668-3	STEROLS	200	MEOH	10/30/10
28#	1684-1	ADD. PEST	4	ACETONE	03/25/10
29#	1496-3	DECANES	100	MEOH	NA
30	1620-1	EDB/DBCP	0.2	MEOH	06/22/10
31	1596-1	TERPINEOL	100	MEOH	04/03/10

LCS SOLUTIONS

1/5/2010

32	1619-3	GUAIACOL	50-200	ACETONE	04/30/10
33	1639-3	RETENE	100	MEOH	09/03/10
34	1633-1	CONGENERS	2.5	ACETONE	08/11/10
35	1674-3	ALKYL PNA A	10	MEOH	10/28/10
36	1601-3	ALKYL PNA B	10	MEOH	05/13/10
50	1617-1	FULL RESIN	250	ACETONE	06/17/10
51	1611-3	DDTS	2.5	ACETONE	06/04/10
52	1613-5	1232 PCB	20	ACETONE	06/16/10
	*=REVERIFIED SOLUTION				
	#=PROJECT SPECIFIC SOLUTION				

Analytical Resources,Incorporated
Analytical Chemists and Consultants

Spike Recovery Control Limits for Volatile Petroleum Hydrocarbons (VPH) Washington Department of Ecology Method[1,2]

Effective 5/1/09

Control limits are updated periodically. Assure that you have ARI's current control limits by downloading the files at the time of use. http://www.arilabs.com/portal/downloads/ARI-CLs.zip

	ARI's Calculated Control Limits	
Sample Matrix	Water	Soil / Sediment
Sample Amount / Final Volume:	500 mL / 1 mL	10 g / 1 mL
LCS Spike Recovery [3,4]		
C8-10 Aromatics	70 - 130	70 - 130
>C10-C12 Aromatics	70 - 130	70 - 130
>C12-C13 Aromatics	70 - 130	70 - 130
C5-C6 Aliphatics	70 - 130	70 - 130
>C6-C8 Aliphatics	70 - 130	70 - 130
>C8-C10 Aliphatics	70 - 130	70 - 130
>C10-C12 Aliphatics	70 - 130	70 - 130
Surrogate Recovery [5]		
2,5-Dibromotoluene	60 - 140	60 - 140

(1) Analytical method published in: *Washington State Department of Ecology, Analytical Methods for Petroleum Hydrocarbons, Publication No. ECY 97-602, June 1997*, "Method for the Determination of Volatile Petroleum Hydrocarbons".
(2) Control limits specified in the published method.
(3) Laboratory Control Sample (LCS) spike recovery control limits also used as advisory control limits for sample matrix spike (MS) analyzes. MS recovery values are advisory and not used to assess the acceptability of an analytical batch.
(4) The published method refers to a "laboratory fortified blank" (LFB) instead of LCS
(5) Applies to all analyzes including blanks, samples and QA analyzes (MB, LFB, MS, etc.)

Analytical Resources,Incorporated
Analytical Chemists and Consultants

Spike Recovery Control Limits for Extractable Petroleum Hydrocarbons (EPH) Washington Department of Ecology Interim Method[1,2]

Effective: 5/1/09

Control limits are updated periodically. Assure that you have ARI's current control limits by downloading the files at the time of use. http://www.arilabs.com/portal/downloads/ARI-CLs.zip

	ARI's Calculated Control Limits [3]	
Sample Matrix	Water	Soil / Sediment
Sample Amount / Final Volume:	500 mL / 1 mL	10 g / 1 mL
LCS Spike Recovery [4]		
C10-C12 Aromatics	16 - 105	20 - 109
C12-C16 Aromatics	42 - 116	30 - 125
C16-C21 Aromatics	55 - 127	37 - 135
C21-C34 Aromatics	54 - 136	45 - 137
C8-C10 Aliphatics	**10** - **100**	21 - **100**
C10-C12 Aliphatics	14 - **100**	23 - **100**
C12-C16 Aliphatics	43 - 110	30 - 120
C16-C21 Aliphatics	44 - 122	32 - 129
Method Blank/LCS Surrogate Recovery		
Ortho-Terphenyl	44 - 133	34 - 133
1-Chloro-octadecane	38 - 121	27 - 128
Sample Surrogate Recovery		
Ortho-Terphenyl	39 - 141	**10** - 143
1-Chloro-octadecane	42 - 120	39 - 131

(1) Control limits calculated using all available data for 1/1/08 through 11/30/08.
(2) Analytical method published in: *Washington State Department of Ecology, Analytical Methods for Petroleum Hydrocarbons, Publication No. ECY 97-602, June 1997*
(3) Highlighted control limits (**bold font**) adjusted to demonstrate that ARI does not use control limits < 10 for the lower limit or < 100 for the upper limit.
(4) Laboratory Control Sample (LCS) spike recovery control limits also used as advisory control limits for sample matrix spike (MS) analyzes. MS recovery values are advisory and not used to assess the acceptability of an analytical batch.

Spike Recovery Control Limits for Conventional Wet Chemistry

Effective 5/1/09

Control limits are updated periodically. Assure that you have ARI's current control limits by downloading the files at the time of use. http://www.arilabs.com/portal/downloads/ARI-CLs.zip

	ARI's Control Limits	
Sample Matrix:	Water	Soil / Sediment
Matrix Spike Recoveries	% Recovery	% Recovery
Ammonia	75 - 125	75 - 125
Bromide	75 125	75 - 125
Chloride	75 125	75 - 125
Cyanide	75 - 125	75 - 125
Ferrous Iron	75 - 125	75 - 125
Fluoride	75 - 125	75 - 125
Formaldehyde	75 - 125	75 - 125
Hexane Extractable Material	-- - --	78 - 114
Hexavalent Chromium	75 - 125	75 - 125
Nitrate/Nitrite	75 - 125	75 - 125
Oil and Grease	75 - 125	75 - 125
Phenol	75 - 125	75 - 125
Phosphorous	75 - 125	75 - 125
Sulfate	75 - 125	75 - 125
Sulfide	75 - 125	75 - 125
Total Kjeldahl Nitrogen	75 - 125	75 - 125
Total Organic Carbon	75 - 125	75 - 125
Duplicate RPDs		
Acidity	±20%	±20%
Alkalinity	±20%	±20%
BOD	±20%	±20%
Cation Exchange	±20%	±20%
COD	±20%	±20%
Conductivity	±20%	±20%
Salinity	±20%	±20%
Solids	±20%	±20%
Turbidity	±20%	±20%

Data Summary Package

prepared
for

Anchor QEA

Project: BAYWOOD, 080547-01

ARI JOB NO: QC26

prepared
by

Analytical Resources, Inc.

VPH ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH
Page 1 of 1

Sample ID: BW-05-SS-091218
SAMPLE

Lab Sample ID: QC26A
LIMS ID: 09-31261
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed: 12/30/09 17:16
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 46.0 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	1100	< 1,100 U
108-88-3	Toluene	1100	< 1,100 U
100-41-4	Ethylbenzene	1100	< 1,100 U
179601-23-1	m,p-Xylene	2200	< 2,200 U
95-47-6	o-Xylene	1100	< 1,100 U
1634-04-4	Methyl tert-Butyl Ether	1100	< 1,100 U
109-66-0	n-Pentane	1100	< 1,100 U
110-54-3	n-Hexane	1100	< 1,100 U
111-65-9	n-Octane	1100	< 1,100 U
124-18-5	n-Decane	1100	< 1,100 U
112-40-3	n-Dodecane	1100	< 1,100 U

Range	RL	Result
C8-C10 Aromatics	11,000	< 11,000 U
C10-C12 Aromatics	11,000	< 11,000 U
C12-C13 Aromatics	11,000	< 11,000 U
C5-C6 Aliphatics	11,000	< 11,000 U
C6-C8 Aliphatics	11,000	< 11,000 U
C8-C10 Aliphatics	11,000	< 11,000 U
C10-C12 Aliphatics	11,000	< 11,000 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	74.0%
FID: 2,5-Dibromotoluene	74.7%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH
Page 1 of 1

Sample ID: BW-01-SS-091218
SAMPLE

Lab Sample ID: QC26B
LIMS ID: 09-31262
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed: 12/30/09 18:50
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 24.0 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	2100	< 2,100 U
108-88-3	Toluene	2100	< 2,100 U
100-41-4	Ethylbenzene	2100	< 2,100 U
179601-23-1	m,p-Xylene	4200	< 4,200 U
95-47-6	o-Xylene	2100	< 2,100 U
1634-04-4	Methyl tert-Butyl Ether	2100	< 2,100 U
109-66-0	n-Pentane	2100	< 2,100 U
110-54-3	n-Hexane	2100	< 2,100 U
111-65-9	n-Octane	2100	< 2,100 U
124-18-5	n-Decane	2100	< 2,100 U
112-40-3	n-Dodecane	2100	< 2,100 U

Range	RL	Result
C8-C10 Aromatics	21,000	< 21,000 U
C10-C12 Aromatics	21,000	< 21,000 U
C12-C13 Aromatics	21,000	< 21,000 U
C5-C6 Aliphatics	21,000	< 21,000 U
C6-C8 Aliphatics	21,000	< 21,000 U
C8-C10 Aliphatics	21,000	< 21,000 U
C10-C12 Aliphatics	21,000	< 21,000 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	79.0%
FID: 2,5-Dibromotoluene	82.0%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH
Page 1 of 1

Sample ID: BW-04-SS-091218
SAMPLE

Lab Sample ID: QC26C
LIMS ID: 09-31263
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed: 12/30/09 19:22
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 27.0 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	1900	< 1,900 U
108-88-3	Toluene	1900	< 1,900 U
100-41-4	Ethylbenzene	1900	< 1,900 U
179601-23-1	m,p-Xylene	3700	< 3,700 U
95-47-6	o-Xylene	1900	< 1,900 U
1634-04-4	Methyl tert-Butyl Ether	1900	< 1,900 U
109-66-0	n-Pentane	1900	< 1,900 U
110-54-3	n-Hexane	1900	< 1,900 U
111-65-9	n-Octane	1900	< 1,900 U
124-18-5	n-Decane	1900	< 1,900 U
112-40-3	n-Dodecane	1900	< 1,900 U

Range	RL	Result
C8-C10 Aromatics	19,000	< 19,000 U
C10-C12 Aromatics	19,000	< 19,000 U
C12-C13 Aromatics	19,000	< 19,000 U
C5-C6 Aliphatics	19,000	< 19,000 U
C6-C8 Aliphatics	19,000	< 19,000 U
C8-C10 Aliphatics	19,000	< 19,000 U
C10-C12 Aliphatics	19,000	< 19,000 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	43.0%
FID: 2,5-Dibromotoluene	45.5%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH
Page 1 of 1

Sample ID: BW-04-SS-091218
DILUTION

Lab Sample ID: QC26C
LIMS ID: 09-31263
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed: 01/05/10 17:20
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 26.7 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	1900	< 1,900 U
108-88-3	Toluene	1900	< 1,900 U
100-41-4	Ethylbenzene	1900	< 1,900 U
179601-23-1	m,p-Xylene	3700	< 3,700 U
95-47-6	o-Xylene	1900	< 1,900 U
1634-04-4	Methyl tert-Butyl Ether	1900	< 1,900 U
109-66-0	n-Pentane	1900	< 1,900 U
110-54-3	n-Hexane	1900	< 1,900 U
111-65-9	n-Octane	1900	< 1,900 U
124-18-5	n-Decane	1900	< 1,900 U
112-40-3	n-Dodecane	1900	< 1,900 U

Range	RL	Result
C8-C10 Aromatics	19,000	< 19,000 U
C10-C12 Aromatics	19,000	< 19,000 U
C12-C13 Aromatics	19,000	< 19,000 U
C5-C6 Aliphatics	19,000	< 19,000 U
C6-C8 Aliphatics	19,000	< 19,000 U
C8-C10 Aliphatics	19,000	< 19,000 U
C10-C12 Aliphatics	19,000	< 19,000 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	65.7%
FID: 2,5-Dibromotoluene	66.6%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH

Sample ID: BW-51-SS-091218
SAMPLE

Lab Sample ID: QC26D
LIMS ID: 09-31264
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed: 12/31/09 10:23
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 24.0 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	2100	< 2,100 U
108-88-3	Toluene	2100	< 2,100 U
100-41-4	Ethylbenzene	2100	< 2,100 U
179601-23-1	m,p-Xylene	4200	< 4,200 U
95-47-6	o-Xylene	2100	< 2,100 U
1634-04-4	Methyl tert-Butyl Ether	2100	< 2,100 U
109-66-0	n-Pentane	2100	< 2,100 U
110-54-3	n-Hexane	2100	< 2,100 U
111-65-9	n-Octane	2100	< 2,100 U
124-18-5	n-Decane	2100	< 2,100 U
112-40-3	n-Dodecane	2100	< 2,100 U

Range	RL	Result
C8-C10 Aromatics	21,000	< 21,000 U
C10-C12 Aromatics	21,000	< 21,000 U
C12-C13 Aromatics	21,000	< 21,000 U
C5-C6 Aliphatics	21,000	< 21,000 U
C6-C8 Aliphatics	21,000	< 21,000 U
C8-C10 Aliphatics	21,000	< 21,000 U
C10-C12 Aliphatics	21,000	< 21,000 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	54.9%
FID: 2,5-Dibromotoluene	58.8%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH
Page 1 of 1

Sample ID: BW-51-SS-091218
DILUTION

Lab Sample ID: QC26D
LIMS ID: 09-31264
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed: 01/05/10 17:52
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 24.1 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	2100	< 2,100 U
108-88-3	Toluene	2100	< 2,100 U
100-41-4	Ethylbenzene	2100	< 2,100 U
179601-23-1	m,p-Xylene	4100	< 4,100 U
95-47-6	o-Xylene	2100	< 2,100 U
1634-04-4	Methyl tert-Butyl Ether	2100	< 2,100 U
109-66-0	n-Pentane	2100	< 2,100 U
110-54-3	n-Hexane	2100	< 2,100 U
111-65-9	n-Octane	2100	< 2,100 U
124-18-5	n-Decane	2100	< 2,100 U
112-40-3	n-Dodecane	2100	< 2,100 U

Range	RL	Result
C8-C10 Aromatics	21,000	< 21,000 U
C10-C12 Aromatics	21,000	< 21,000 U
C12-C13 Aromatics	21,000	< 21,000 U
C5-C6 Aliphatics	21,000	< 21,000 U
C6-C8 Aliphatics	21,000	< 21,000 U
C8-C10 Aliphatics	21,000	< 21,000 U
C10-C12 Aliphatics	21,000	< 21,000 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	65.7%
FID: 2,5-Dibromotoluene	66.6%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH

Sample ID: BW-07-SS-091218
SAMPLE

Lab Sample ID: QC26E
LIMS ID: 09-31265
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed: 12/31/09 10:55
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 35.0 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	1400	< 1,400 U
108-88-3	Toluene	1400	< 1,400 U
100-41-4	Ethylbenzene	1400	< 1,400 U
179601-23-1	m,p-Xylene	2900	< 2,900 U
95-47-6	o-Xylene	1400	< 1,400 U
1634-04-4	Methyl tert-Butyl Ether	1400	< 1,400 U
109-66-0	n-Pentane	1400	< 1,400 U
110-54-3	n-Hexane	1400	< 1,400 U
111-65-9	n-Octane	1400	< 1,400 U
124-18-5	n-Decane	1400	< 1,400 U
112-40-3	n-Dodecane	1400	< 1,400 U

Range	RL	Result
C8-C10 Aromatics	14,000	< 14,000 U
C10-C12 Aromatics	14,000	< 14,000 U
C12-C13 Aromatics	14,000	< 14,000 U
C5-C6 Aliphatics	14,000	< 14,000 U
C6-C8 Aliphatics	14,000	< 14,000 U
C8-C10 Aliphatics	14,000	< 14,000 U
C10-C12 Aliphatics	14,000	< 14,000 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	63.3%
FID: 2,5-Dibromotoluene	65.5%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH

Sample ID: BW-11-SS-091218
SAMPLE

Lab Sample ID: QC26F
LIMS ID: 09-31266
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed: 12/31/09 11:26
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 27.0 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	1900	< 1,900 U
108-88-3	Toluene	1900	< 1,900 U
100-41-4	Ethylbenzene	1900	< 1,900 U
179601-23-1	m,p-Xylene	3700	< 3,700 U
95-47-6	o-Xylene	1900	< 1,900 U
1634-04-4	Methyl tert-Butyl Ether	1900	< 1,900 U
109-66-0	n-Pentane	1900	< 1,900 U
110-54-3	n-Hexane	1900	< 1,900 U
111-65-9	n-Octane	1900	< 1,900 U
124-18-5	n-Decane	1900	< 1,900 U
112-40-3	n-Dodecane	1900	< 1,900 U

Range	RL	Result
C8-C10 Aromatics	19,000	< 19,000 U
C10-C12 Aromatics	19,000	< 19,000 U
C12-C13 Aromatics	19,000	< 19,000 U
C5-C6 Aliphatics	19,000	< 19,000 U
C6-C8 Aliphatics	19,000	< 19,000 U
C8-C10 Aliphatics	19,000	< 19,000 U
C10-C12 Aliphatics	19,000	< 19,000 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	44.1%
FID: 2,5-Dibromotoluene	22.0%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH

Sample ID: BW-11-SS-091218
DILUTION

Lab Sample ID: QC26F
LIMS ID: 09-31266
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed: 01/05/10 18:23
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 27.5 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	1800	< 1,800 U
108-88-3	Toluene	1800	< 1,800 U
100-41-4	Ethylbenzene	1800	< 1,800 U
179601-23-1	m,p-Xylene	3600	< 3,600 U
95-47-6	o-Xylene	1800	< 1,800 U
1634-04-4	Methyl tert-Butyl Ether	1800	< 1,800 U
109-66-0	n-Pentane	1800	< 1,800 U
110-54-3	n-Hexane	1800	< 1,800 U
111-65-9	n-Octane	1800	< 1,800 U
124-18-5	n-Decane	1800	< 1,800 U
112-40-3	n-Dodecane	1800	< 1,800 U

Range	RL	Result
C8-C10 Aromatics	18,000	< 18,000 U
C10-C12 Aromatics	18,000	< 18,000 U
C12-C13 Aromatics	18,000	< 18,000 U
C5-C6 Aliphatics	18,000	< 18,000 U
C6-C8 Aliphatics	18,000	< 18,000 U
C8-C10 Aliphatics	18,000	< 18,000 U
C10-C12 Aliphatics	18,000	< 18,000 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	58.8%
FID: 2,5-Dibromotoluene	54.6%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

VPH SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01

Client ID	PDBT	FDBT	TOT OUT
MB-123009	87.2%	86.4%	0
LCS-123009	98.6%	98.8%	0
LCSD-123009	101%	100%	0
BW-05-SS-091218	74.0%	74.7%	0
BW-05-SS-091218 MS	80.6%	81.6%	0
BW-05-SS-091218 MSD	62.3%	64.3%	0
BW-01-SS-091218	79.0%	82.0%	0
MB-010510	91.2%	89.2%	0
LCS-010510	108%	105%	0
LCSD-010510	105%	102%	0
BW-04-SS-091218	43.0%*	45.5%*	2
BW-04-SS-091218 DL	65.7%	66.6%	0
MB-123109	99.2%	98.8%	0
LCS-123109	94.6%	94.4%	0
LCSD-123109	108%	107%	0
BW-51-SS-091218	54.9%*	58.8%*	2
BW-51-SS-091218 DL	65.7%	66.6%	0
BW-07-SS-091218	63.3%	65.5%	0
BW-11-SS-091218	44.1%*	22.0%*	2
BW-11-SS-091218 DL	58.8%*	54.6%*	2

	LCS/MB LIMITS	QC LIMITS
(PDBT) = 2,5-Dibromotoluene	(60-140)	(60-140)
(FDBT) = 2,5-Dibromotoluene	(60-140)	(60-140)

Prep Method: METHOD
Log Number Range: 09-31261 to 09-31266

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH
Page 1 of 1

Sample ID: BW-05-SS-091218
MS/MSD

Lab Sample ID: QC26A
LIMS ID: 09-31261
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed MS: 12/30/09 17:47
Date Analyzed MSD: 12/30/09 18:19
Instrument/Analyst: PID1/MH

Sample Amount: 44.6 mg-dry-wt
Sample Amount: 44.9 mg-dry-wt
Purge Volume: 10 mL

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Benzene	< 1090	6270	6660	94.1%	5340	6610	80.8%	16.0%
Toluene	< 1090	6520	6660	97.9%	5460	6610	82.6%	17.7%
Ethylbenzene	< 1090	6630	6660	99.5%	5480	6610	82.9%	19.0%
m,p-Xylene	< 2170	13200	13300	99.2%	10900	13200	82.6%	19.1%
o-Xylene	< 1090	6630	6660	99.5%	5500	6610	83.2%	18.6%
Methyl tert-Butyl Ether	< 1090	8850	6660	133%	8130	6610	123%	8.5%
Naphthalene	< 1090	5510	6660	82.7%	4970	6610	75.2%	10.3%
1,2,3-Trimethylbenzene	< 1090	6830	6660	103%	5680	6610	85.9%	18.4%
1-Methylnaphthalene	< 1090	5290	6660	79.4%	5500	6610	83.2%	3.9%
n-Pentane	< 1090	1820	6660	27.3%	1090	6610	16.5%	50.2%
n-Hexane	< 1090	2420	6660	36.3%	1450	6610	21.9%	50.1%
n-Octane	< 1090	2890	6660	43.4%	1700	6610	25.7%	51.9%
n-Decane	< 1090	1840	6660	27.6%	1100	6610	16.6%	50.3%
n-Dodecane	< 1090	1450	6660	21.8%	657	6610	9.9%	75.3%

Values reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

VPH Surrogate Recovery

	MS	MSD
PID: 2,5-Dibromotoluene	80.6%	62.3%
FID: 2,5-Dibromotoluene	81.6%	64.3%

FORM III

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH
Page 1 of 1

Sample ID: LCS-123009
LCS/LCSD

Lab Sample ID: LCS-123009
LIMS ID: 09-31261
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: NA
Date Received: NA

Date Analyzed LCS: 12/30/09 14:07
Date Analyzed LCSD: 12/30/09 14:38
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 111 mg-dry-wt

Analyte/Range	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Benzene	4570	4500	102%	4510	4500	100%	1.3%
Toluene	4590	4500	102%	4540	4500	101%	1.1%
Ethylbenzene	4660	4500	104%	4640	4500	103%	0.4%
m,p-Xylene	9270	9010	103%	9270	9010	103%	0.0%
o-Xylene	4630	4500	103%	4590	4500	102%	0.9%
Methyl tert-Butyl Ether	4760	4500	106%	4590	4500	102%	3.6%
Naphthalene	4760	4500	106%	4420	4500	98.2%	7.4%
1,2,3-Trimethylbenzene	4900	4500	109%	4870	4500	108%	0.6%
1-Methylnaphthalene	5040	4500	112%	5500	4500	122%	8.7%
n-Pentane	5120	4500	114%	5210	4500	116%	1.7%
n-Hexane	4490	4500	99.8%	4690	4500	104%	4.4%
n-Octane	4320	4500	96.0%	4430	4500	98.4%	2.5%
n-Decane	4820	4500	107%	4560	4500	101%	5.5%
n-Dodecane	4850	4500	108%	5260	4500	117%	8.1%

Values reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

VPH Surrogate Recovery

	LCS	LCSD
PID: 2,5-Dibromotoluene	98.6%	101%
FID: 2,5-Dibromotoluene	98.8%	100%

FORM III

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH
Page 1 of 1

Sample ID: LCS-123109
LCS/LCSD

Lab Sample ID: LCS-123109
LIMS ID: 09-31264
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: NA
Date Received: NA

Date Analyzed LCS: 12/31/09 08:20
Date Analyzed LCSD: 12/31/09 08:51
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 111 mg-dry-wt

Analyte/Range	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Benzene	4630	4500	103%	4660	4500	104%	0.6%
Toluene	4690	4500	104%	4720	4500	105%	0.6%
Ethylbenzene	4740	4500	105%	4840	4500	108%	2.1%
m,p-Xylene	9450	9010	105%	9630	9010	107%	1.9%
o-Xylene	4660	4500	104%	4790	4500	106%	2.8%
Methyl tert-Butyl Ether	4480	4500	99.6%	4540	4500	101%	1.3%
Naphthalene	4600	4500	102%	5170	4500	115%	11.7%
1,2,3-Trimethylbenzene	4910	4500	109%	4970	4500	110%	1.2%
1-Methylnaphthalene	5120	4500	114%	5900	4500	131%	14.2%
n-Pentane	5270	4500	117%	5220	4500	116%	1.0%
n-Hexane	4630	4500	103%	4630	4500	103%	0.0%
n-Octane	3990	4500	88.7%	4560	4500	101%	13.3%
n-Decane	4710	4500	105%	5310	4500	118%	12.0%
n-Dodecane	5710	4500	127%	5720	4500	127%	0.2%

Values reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

VPH Surrogate Recovery

	LCS	LCSD
PID: 2,5-Dibromotoluene	94.6%	108%
FID: 2,5-Dibromotoluene	94.4%	107%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH
Page 1 of 1

Sample ID: LCS-010510
LCS/LCSD

Lab Sample ID: LCS-010510
LIMS ID: 09-31263
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: NA
Date Received: NA

Date Analyzed LCS: 01/05/10 15:05
Date Analyzed LCSD: 01/05/10 15:37
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 111 mg-dry-wt

Analyte/Range	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Benzene	4720	4500	105%	4510	4500	100%	4.6%
Toluene	4740	4500	105%	4500	4500	100%	5.2%
Ethylbenzene	4840	4500	108%	4570	4500	102%	5.7%
m,p-Xylene	9630	9010	107%	9090	9010	101%	5.8%
o-Xylene	4750	4500	106%	4530	4500	101%	4.7%
Methyl tert-Butyl Ether	4710	4500	105%	4230	4500	94.0%	10.7%
Naphthalene	4850	4500	108%	4590	4500	102%	5.5%
1,2,3-Trimethylbenzene	5020	4500	112%	4820	4500	107%	4.1%
1-Methylnaphthalene	5780	4500	128%	5710	4500	127%	1.2%
n-Pentane	5270	4500	117%	4990	4500	111%	5.5%
n-Hexane	4760	4500	106%	4430	4500	98.4%	7.2%
n-Octane	4540	4500	101%	4250	4500	94.4%	6.6%
n-Decane	4860	4500	108%	4780	4500	106%	1.7%
n-Dodecane	5430	4500	121%	5320	4500	118%	2.0%

Values reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

VPH Surrogate Recovery

	LCS	LCSD
PID: 2,5-Dibromotoluene	108%	105%
FID: 2,5-Dibromotoluene	105%	102%

FORM III

VPH METHOD BLANK SUMMARY

BLANK NO.

MB1230S1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR QEA

SDG No.: QC26 Project No.: BAYWOOD

Date Analyzed : 12/30/09 Matrix: WATER

Time Analyzed : 1541 Instrument ID : PID1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	LCS1230S1	VPH ICV	12/30/09
02	LCSD1230S1	LCSD1230	12/30/09
03	BW-05-SS-091	QC26A	12/30/09
04	BW-05-SS-091	QC26AMS	12/30/09
05	BW-05-SS-091	QC26AMSD	12/30/09
06	BW-01-SS-091	QC26B	12/30/09
07	BW-04-SS-091	QC26C	12/30/09
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FORM IV VPH

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH

Sample ID: MB-123009
METHOD BLANK

Lab Sample ID: MB-123009
LIMS ID: 09-31261
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: NA
Date Received: NA

Date Analyzed: 12/30/09 15:41
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 111 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	450	< 450 U
108-88-3	Toluene	450	< 450 U
100-41-4	Ethylbenzene	450	< 450 U
179601-23-1	m,p-Xylene	900	< 900 U
95-47-6	o-Xylene	450	< 450 U
1634-04-4	Methyl tert-Butyl Ether	450	< 450 U
109-66-0	n-Pentane	450	< 450 U
110-54-3	n-Hexane	450	< 450 U
111-65-9	n-Octane	450	< 450 U
124-18-5	n-Decane	450	< 450 U
112-40-3	n-Dodecane	450	< 450 U

Range	RL	Result
C8-C10 Aromatics	4,500	< 4,500 U
C10-C12 Aromatics	4,500	< 4,500 U
C12-C13 Aromatics	4,500	< 4,500 U
C5-C6 Aliphatics	4,500	< 4,500 U
C6-C8 Aliphatics	4,500	< 4,500 U
C8-C10 Aliphatics	4,500	< 4,500 U
C10-C12 Aliphatics	4,500	< 4,500 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	87.2%
FID: 2,5-Dibromotoluene	86.4%

VPH METHOD BLANK SUMMARY

BLANK NO.

MB1231S1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR QEA

SDG No.: QC26 Project No.: BAYWOOD

Date Analyzed : 12/31/09 Matrix: WATER

Time Analyzed : 0952 Instrument ID : PID1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	LCS1231S1	LCS1231	12/31/09
02	LCSD1231S1	LCSD1231	12/31/09
03	BW-51-SS-091	QC26D	12/31/09
04	BW-07-SS-091	QC26E	12/31/09
05	BW-11-SS-091	QC26F	12/31/09
06			
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FORM IV VPH

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH
Page 1 of 1

Sample ID: MB-123109
METHOD BLANK

Lab Sample ID: MB-123109
LIMS ID: 09-31264
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: NA
Date Received: NA

Date Analyzed: 12/31/09 09:52
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 111 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	450	< 450 U
108-88-3	Toluene	450	< 450 U
100-41-4	Ethylbenzene	450	< 450 U
179601-23-1	m,p-Xylene	900	< 900 U
95-47-6	o-Xylene	450	< 450 U
1634-04-4	Methyl tert-Butyl Ether	450	< 450 U
109-66-0	n-Pentane	450	< 450 U
110-54-3	n-Hexane	450	< 450 U
111-65-9	n-Octane	450	< 450 U
124-18-5	n-Decane	450	< 450 U
112-40-3	n-Dodecane	450	< 450 U

Range	RL	Result
C8-C10 Aromatics	4,500	< 4,500 U
C10-C12 Aromatics	4,500	< 4,500 U
C12-C13 Aromatics	4,500	< 4,500 U
C5-C6 Aliphatics	4,500	< 4,500 U
C6-C8 Aliphatics	4,500	< 4,500 U
C8-C10 Aliphatics	4,500	< 4,500 U
C10-C12 Aliphatics	4,500	< 4,500 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	99.2%
FID: 2,5-Dibromotoluene	98.8%

4

VPH METHOD BLANK SUMMARY

BLANK NO.

MB0105S1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR QEA

SDG No.: QC26 Project No.: BAYWOOD

Date Analyzed : 01/05/10 Matrix: WATER

Time Analyzed : 1640 Instrument ID : PID1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	LCS0105S1	LCS0105S1	01/05/10
02	LCSD0105S1	LCSD0105S1	01/05/10
03	BW-04-SS-091	QC26C	01/05/10
04	BW-51-SS-091	QC26D	01/05/10
05	BW-11-SS-091	QC26F	01/05/10
06			

FORM IV VPH

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH
Page 1 of 1

Sample ID: MB-010510
METHOD BLANK

Lab Sample ID: MB-010510
LIMS ID: 09-31263
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: NA
Date Received: NA

Date Analyzed: 01/05/10 16:40
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 111 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	450	< 450 U
108-88-3	Toluene	450	< 450 U
100-41-4	Ethylbenzene	450	< 450 U
179601-23-1	m,p-Xylene	900	< 900 U
95-47-6	o-Xylene	450	< 450 U
1634-04-4	Methyl tert-Butyl Ether	450	< 450 U
109-66-0	n-Pentane	450	< 450 U
110-54-3	n-Hexane	450	< 450 U
111-65-9	n-Octane	450	< 450 U
124-18-5	n-Decane	450	< 450 U
112-40-3	n-Dodecane	450	< 450 U

Range	RL	Result
C8-C10 Aromatics	4,500	< 4,500 U
C10-C12 Aromatics	4,500	< 4,500 U
C12-C13 Aromatics	4,500	< 4,500 U
C5-C6 Aliphatics	4,500	< 4,500 U
C6-C8 Aliphatics	4,500	< 4,500 U
C8-C10 Aliphatics	4,500	< 4,500 U
C10-C12 Aliphatics	4,500	< 4,500 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	91.2%
FID: 2,5-Dibromotoluene	89.2%

EPH ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Aliphatic/Aromatic GC-EPH
Page 1 of 1

Sample ID: BW-05-SS-091218
SAMPLE

Lab Sample ID: QC26A
LIMS ID: 09-31261
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Extracted: 12/28/09
Percent Moisture: 33.6%

Sample Amount: 6.99 g-dry-wt
Final Extract Volume: 1.0 mL

Aliphatic
Date Analyzed: 01/05/10 14:48
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Aromatic
Date Analyzed: 12/31/09 11:13
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Range	RL	Result
C8-C10 Aliphatics	2,900	< 2,900 U
C10-C12 Aliphatics	2,900	< 2,900 U
C12-C16 Aliphatics	2,900	< 2,900 U
C16-C21 Aliphatics	2,900	< 2,900 U
C21-C34 Aliphatics	**2,900**	**5,600**
C8-C10 Aromatics	2,900	< 2,900 U
C10-C12 Aromatics	2,900	< 2,900 U
C12-C16 Aromatics	2,900	< 2,900 U
C16-C21 Aromatics	2,900	< 2,900 U
C21-C34 Aromatics	2,900	< 2,900 U

Reported in µg/kg (ppb)

EPH Surrogate Recovery

Aliphatic	1-Chlorooctadecane	58.6%
Aromatic	o-Terphenyl	62.9%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Aliphatic/Aromatic GC-EPH
Page 1 of 1

Sample ID: BW-01-SS-091218
SAMPLE

Lab Sample ID: QC26B
LIMS ID: 09-31262
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Extracted: 12/28/09
Percent Moisture: 55.7%

Sample Amount: 4.45 g-dry-wt
Final Extract Volume: 1.0 mL

Aliphatic
Date Analyzed: 01/05/10 16:03
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Aromatic
Date Analyzed: 12/31/09 12:27
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Range	RL	Result
C8-C10 Aliphatics	4,500	< 4,500 U
C10-C12 Aliphatics	4,500	< 4,500 U
C12-C16 Aliphatics	4,500	< 4,500 U
C16-C21 Aliphatics	4,500	< 4,500 U
C21-C34 Aliphatics	**4,500**	**18,000**
C8-C10 Aromatics	4,500	< 4,500 U
C10-C12 Aromatics	4,500	< 4,500 U
C12-C16 Aromatics	4,500	< 4,500 U
C16-C21 Aromatics	4,500	< 4,500 U
C21-C34 Aromatics	**4,500**	**5,600**

Reported in µg/kg (ppb)

EPH Surrogate Recovery

Aliphatic	1-Chlorooctadecane	56.8%
Aromatic	o-Terphenyl	81.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Aliphatic/Aromatic GC-EPH
Page 1 of 1

Sample ID: BW-04-SS-091218
~~SAMPLE~~

Lab Sample ID: QC26C
LIMS ID: 09-31263
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Extracted: 12/28/09
Percent Moisture: 52.2%

Sample Amount: 4.90 g-dry-wt
Final Extract Volume: 1.0 mL

Aliphatic
Date Analyzed: 01/05/10 16:29
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Aromatic
Date Analyzed: 12/31/09 12:52
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Range	RL	Result
C8-C10 Aliphatics	4,100	< 4,100 U
C10-C12 Aliphatics	4,100	< 4,100 U
C12-C16 Aliphatics	4,100	< 4,100 U
C16-C21 Aliphatics	4,100	< 4,100 U
C21-C34 Aliphatics	**4,100**	**11,000**
C8-C10 Aromatics	4,100	< 4,100 U
C10-C12 Aromatics	4,100	< 4,100 U
C12-C16 Aromatics	4,100	< 4,100 U
C16-C21 Aromatics	4,100	< 4,100 U
C21-C34 Aromatics	**4,100**	**5,700**

Reported in µg/kg (ppb)

EPH Surrogate Recovery

Aliphatic	1-Chlorooctadecane	62.5%
Aromatic	o-Terphenyl	65.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Aliphatic/Aromatic GC-EPH
Page 1 of 1

Sample ID: BW-51-SS-091218
SAMPLE

Lab Sample ID: QC26D
LIMS ID: 09-31264
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Extracted: 12/28/09
Percent Moisture: 55.5%

Sample Amount: 4.61 g-dry-wt
Final Extract Volume: 1.0 mL

Aliphatic
Date Analyzed: 01/05/10 16:54
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Aromatic
Date Analyzed: 12/31/09 13:17
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Range	RL	Result
C8-C10 Aliphatics	4,300	< 4,300 U
C10-C12 Aliphatics	4,300	< 4,300 U
C12-C16 Aliphatics	4,300	< 4,300 U
C16-C21 Aliphatics	4,300	< 4,300 U
C21-C34 Aliphatics	**4,300**	**16,000**
C8-C10 Aromatics	4,300	< 4,300 U
C10-C12 Aromatics	4,300	< 4,300 U
C12-C16 Aromatics	4,300	< 4,300 U
C16-C21 Aromatics	4,300	< 4,300 U
C21-C34 Aromatics	**4,300**	**6,300**

Reported in µg/kg (ppb)

EPH Surrogate Recovery

Aliphatic	1-Chlorooctadecane	62.7%
Aromatic	o-Terphenyl	79.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Aliphatic/Aromatic GC-EPH
Page 1 of 1

Sample ID: BW-07-SS-091218
SAMPLE

Lab Sample ID: QC26E
LIMS ID: 09-31265
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Extracted: 12/28/09
Percent Moisture: 42.7%

Sample Amount: 5.80 g-dry-wt
Final Extract Volume: 1.0 mL

Aliphatic
Date Analyzed: 01/05/10 17:19
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Aromatic
Date Analyzed: 12/31/09 13:41
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Range	RL	Result
C8-C10 Aliphatics	3,400	< 3,400 U
C10-C12 Aliphatics	3,400	< 3,400 U
C12-C16 Aliphatics	3,400	< 3,400 U
C16-C21 Aliphatics	3,400	< 3,400 U
C21-C34 Aliphatics	**3,400**	**14,000**
C8-C10 Aromatics	3,400	< 3,400 U
C10-C12 Aromatics	3,400	< 3,400 U
C12-C16 Aromatics	3,400	< 3,400 U
C16-C21 Aromatics	3,400	< 3,400 U
C21-C34 Aromatics	3,400	< 3,400 U

Reported in µg/kg (ppb)

EPH Surrogate Recovery

Aliphatic	1-Chlorooctadecane	58.7%
Aromatic	o-Terphenyl	66.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Aliphatic/Aromatic GC-EPH
Page 1 of 1

Sample ID: BW-11-SS-091218
SAMPLE

Lab Sample ID: QC26F
LIMS ID: 09-31266
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Extracted: 12/28/09
Percent Moisture: 51.4%

Sample Amount: 4.94 g-dry-wt
Final Extract Volume: 1.0 mL

Aliphatic
Date Analyzed: 01/05/10 17:44
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Aromatic
Date Analyzed: 12/31/09 14:06
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Range	RL	Result
C8-C10 Aliphatics	4,000	< 4,000 U
C10-C12 Aliphatics	4,000	< 4,000 U
C12-C16 Aliphatics	4,000	< 4,000 U
C16-C21 Aliphatics	4,000	< 4,000 U
C21-C34 Aliphatics	**4,000**	**11,000**
C8-C10 Aromatics	4,000	< 4,000 U
C10-C12 Aromatics	4,000	< 4,000 U
C12-C16 Aromatics	4,000	< 4,000 U
C16-C21 Aromatics	4,000	< 4,000 U
C21-C34 Aromatics	**4,000**	**4,700**

Reported in µg/kg (ppb)

EPH Surrogate Recovery

Aliphatic	1-Chlorooctadecane	61.6%
Aromatic	o-Terphenyl	67.1%

ANALYTICAL RESOURCES INCORPORATED

ALEPH SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01

Client ID	COD	TOT OUT
MB-122809	55.5%	0
LCS-122809	56.0%	0
BW-05-SS-091218	58.6%	0
BW-05-SS-091218 MS	61.3%	0
BW-05-SS-091218 MSD	64.3%	0
BW-01-SS-091218	56.8%	0
BW-04-SS-091218	62.5%	0
BW-51-SS-091218	62.7%	0
BW-07-SS-091218	58.7%	0
BW-11-SS-091218	61.6%	0

	LCS/MB LIMITS	QC LIMITS
(COD) = 1-Chlorooctadecane	(27-128)	(39-131)

Prep Method: SW3550B
Log Number Range: 09-31261 to 09-31266

ANALYTICAL RESOURCES INCORPORATED

AREPH SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01

Client ID	OTER	TOT OUT
MB-122809	63.8%	0
LCS-122809	60.0%	0
BW-05-SS-091218	62.9%	0
BW-05-SS-091218 MS	66.2%	0
BW-05-SS-091218 MSD	68.5%	0
BW-01-SS-091218	81.4%	0
BW-04-SS-091218	65.6%	0
BW-51-SS-091218	79.2%	0
BW-07-SS-091218	66.3%	0
BW-11-SS-091218	67.1%	0

	LCS/MB LIMITS	QC LIMITS
(OTER) = o-Terphenyl	(34-133)	(10-143)

Prep Method: SW3550B
Log Number Range: 09-31261 to 09-31266

FORM-II AREPH

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Aliphatic/Aromatic GC-EPH
Page 1 of 1

Sample ID: BW-05-SS-091218
MS/MSD

Lab Sample ID: QC26A
LIMS ID: 09-31261
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Extracted MS/MSD: 12/28/09

Sample Amount MS: 6.94 g-dry-wt
MSD: 6.95 g-dry-wt
Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL

Aliphatic
Date Analyzed MS: 01/05/10 15:13
MSD: 01/05/10 15:38
Instrument/Analyst MS: FID8/MS
MSD: FID8/MS

Dilution Factor MS: 1.00
MSD: 1.00

Aromatic
Date Analyzed MS: 12/31/09 11:38
MSD: 12/31/09 12:03
Instrument/Analyst MS: FID8/MS
MSD: FID8/MS

Dilution Factor MS: 1.00
MSD: 1.00

Range	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
C8-C10 Aliphatics	< 2860	14700	21600	68.0%	14500	21600	67.2%	1.4%
C10-C12 Aliphatics	< 2860	12100	21600	56.0%	12200	21600	56.5%	0.8%
C12-C16 Aliphatics	< 2860	17400	21600	80.5%	18100	21600	83.9%	3.9%
C16-C21 Aliphatics	< 2860	18300	21600	84.7%	19100	21600	88.5%	4.3%
C10-C12 Aromatics	< 2860	12700	21600	58.8%	12800	21600	59.3%	0.8%
C12-C16 Aromatics	< 2860	14600	21600	67.5%	15400	21600	71.4%	5.3%
C16-C21 Aromatics	< 2860	34600	43200	80.0%	37700	43200	87.3%	8.6%
C21-C34 Aromatics	< 2860	42400	43200	98.1%	43200	43200	100%	1.9%

Results reported in µg/kg
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Aliphatic/Aromatic GC-EPH
Page 1 of 1

Sample ID: BW-05-SS-091218
MATRIX SPIKE

Lab Sample ID: QC26A
LIMS ID: 09-31261
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Extracted: 12/28/09
Percent Moisture: 33.6%

Sample Amount: 6.94 g-dry-wt
Final Extract Volume: 1.0 mL

Aliphatic
Date Analyzed: 01/05/10 15:13
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Aromatic
Date Analyzed: 12/31/09 11:38
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Range	RL	Result
C8-C10 Aliphatics	2,900	---
C10-C12 Aliphatics	2,900	---
C12-C16 Aliphatics	2,900	---
C16-C21 Aliphatics	2,900	---
C21-C34 Aliphatics	**2,900**	**3,800**
C8-C10 Aromatics	2,900	< 2,900 U
C10-C12 Aromatics	2,900	---
C12-C16 Aromatics	2,900	---
C16-C21 Aromatics	2,900	---
C21-C34 Aromatics	2,900	---

Reported in µg/kg (ppb)

EPH Surrogate Recovery

Aliphatic	1-Chlorooctadecane	61.3%
Aromatic	o-Terphenyl	66.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Aliphatic/Aromatic GC-EPH
Page 1 of 1

Sample ID: BW-05-SS-091218
MATRIX SPIKE DUP

Lab Sample ID: QC26A
LIMS ID: 09-31261
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Extracted: 12/28/09
Percent Moisture: 33.6%

Sample Amount: 6.95 g-dry-wt
Final Extract Volume: 1.0 mL

Aliphatic
Date Analyzed: 01/05/10 15:38
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Aromatic
Date Analyzed: 12/31/09 12:03
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Range	RL	Result
C8-C10 Aliphatics	2,900	---
C10-C12 Aliphatics	2,900	---
C12-C16 Aliphatics	2,900	---
C16-C21 Aliphatics	2,900	---
C21-C34 Aliphatics	**2,900**	**6,300**
C8-C10 Aromatics	2,900	< 2,900 U
C10-C12 Aromatics	2,900	---
C12-C16 Aromatics	2,900	---
C16-C21 Aromatics	2,900	---
C21-C34 Aromatics	2,900	---

Reported in µg/kg (ppb)

EPH Surrogate Recovery

Aliphatic	1-Chlorooctadecane	64.3%
Aromatic	o-Terphenyl	68.5%

FORM I

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Aliphatic/Aromatic GC-EPH
Page 1 of 1

Sample ID: LCS-122809
LAB CONTROL

Lab Sample ID: LCS-122809
LIMS ID: 09-31261
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: NA
Date Received: NA

Date Extracted: 12/28/09

Sample Amount: 10.0 g-as-rec
Final Extract Volume: 1.0 mL

Aliphatic
Date Analyzed: 01/05/10 14:23
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Aromatic
Date Analyzed: 12/31/09 10:49
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Range	Lab Control	Spike Added	Recovery
C8-C10 Aliphatics	9800	15000	65.3%
C10-C12 Aliphatics	7600	15000	50.7%
C12-C16 Aliphatics	11000	15000	73.3%
C16-C21 Aliphatics	12000	15000	80.0%
C10-C12 Aromatics	8200	15000	54.7%
C12-C16 Aromatics	9200	15000	61.3%
C16-C21 Aromatics	21500	30000	71.7%
C21-C34 Aromatics	24800	30000	82.7%

Results reported in µg/kg

EPH Surrogate Recovery

Aliphatic	1-Chlorooctadecane	56.0%
Aromatic	o-Terphenyl	60.0%

FORM III

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Aliphatic/Aromatic GC-EPH
Page 1 of 1

Sample ID: MB-122809
METHOD BLANK

Lab Sample ID: MB-122809
LIMS ID: 09-31261
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: NA
Date Received: NA

Date Extracted: 12/28/09
Percent Moisture: NA

Sample Amount: 10.0 g-as-rec
Final Extract Volume: 1.0 mL

Aliphatic
Date Analyzed: 01/05/10 13:58
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Aromatic
Date Analyzed: 12/31/09 10:24
Instrument/Analyst: FID8/MS

Dilution Factor: 1.00

Range	RL	Result
C8-C10 Aliphatics	2,000	< 2,000 U
C10-C12 Aliphatics	2,000	< 2,000 U
C12-C16 Aliphatics	2,000	< 2,000 U
C16-C21 Aliphatics	2,000	< 2,000 U
C21-C34 Aliphatics	2,000	< 2,000 U
C8-C10 Aromatics	2,000	< 2,000 U
C10-C12 Aromatics	2,000	< 2,000 U
C12-C16 Aromatics	2,000	< 2,000 U
C16-C21 Aromatics	2,000	< 2,000 U
C21-C34 Aromatics	2,000	< 2,000 U

Reported in µg/kg (ppb)

EPH Surrogate Recovery

Aliphatic	1-Chlorooctadecane	55.5%
Aromatic	o-Terphenyl	63.8%

ALIPHATIC EPH METHOD BLANK SUMMARY

BLANK NO.

QC26MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR QEA

SDG No.: QC26 Project No.: BAYWOOD

Date Extracted: 12/28/09 Matrix: SOLID

Date Analyzed : 01/05/10 Instrument ID : FID8

Time Analyzed : 1358

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	QC26LCSS1	QC26LCSS1	01/05/10
02	BW-05-SS-091	QC26A	01/05/10
03	BW-05-SS-091	QC26AMS	01/05/10
04	BW-05-SS-091	QC26AMSD	01/05/10
05	BW-01-SS-091	QC26B	01/05/10
06	BW-04-SS-091	QC26C	01/05/10
07	BW-51-SS-091	QC26D	01/05/10
08	BW-07-SS-091	QC26E	01/05/10
09	BW-11-SS-091	QC26F	01/05/10

FORM IV EPH

AROMATIC EPH METHOD BLANK SUMMARY

BLANK NO.

QC26MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR QEA

SDG No.: QC26 Project No.: BAYWOOD

Date Extracted: 12/28/09 Matrix: SOLID

Date Analyzed : 12/31/09 Instrument ID : FID8

Time Analyzed : 1024

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	QC26LCSS1	QC26LCSS1	12/31/09
02	BW-05-SS-091	QC26A	12/31/09
03	BW-05-SS-091	QC26AMS	12/31/09
04	BW-05-SS-091	QC26AMSD	12/31/09
05	BW-01-SS-091	QC26B	12/31/09
06	BW-04-SS-091	QC26C	12/31/09
07	BW-51-SS-091	QC26D	12/31/09
08	BW-07-SS-091	QC26E	12/31/09
09	BW-11-SS-091	QC26F	12/31/09

FORM IV EPH

GENERAL CHEMISTRY ANALYSIS

SAMPLE RESULTS-CONVENTIONALS
QC26-Anchor QEA

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

Project: BAYWOOD
Event: 080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Client ID: BW-05-SS-091218
ARI ID: 09-31261 QC26A

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/23/09 122309#1	EPA 160.3	Percent	0.01	62.80
Preserved Total Solids	12/23/09 122309#1	EPA 160.3	Percent	0.01	55.90
N-Ammonia	12/21/09 122109#1	EPA 350.1M	mg-N/kg	0.16	4.07
Sulfide	12/22/09 122209#1	EPA 376.2	mg/kg	1.81	23.2
Total Organic Carbon	01/05/10 010510#1	Plumb,1981	Percent	0.020	1.64

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
QC26-Anchor QEA

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

Project: BAYWOOD
Event: 080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Client ID: BW-01-SS-091218
ARI ID: 09-31262 QC26B

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/23/09 122309#1	EPA 160.3	Percent	0.01	43.80
Preserved Total Solids	12/23/09 122309#1	EPA 160.3	Percent	0.01	43.70
N-Ammonia	12/21/09 122109#1	EPA 350.1M	mg-N/kg	0.21	4.96
Sulfide	12/22/09 122209#1	EPA 376.2	mg/kg	11.5	116
Total Organic Carbon	01/05/10 010510#1	Plumb,1981	Percent	0.020	2.55

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
QC26-Anchor QEA

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

Project: BAYWOOD
Event: 080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Client ID: BW-04-SS-091218
ARI ID: 09-31263 QC26C

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/23/09 122309#1	EPA 160.3	Percent	0.01	46.60
Preserved Total Solids	12/23/09 122309#1	EPA 160.3	Percent	0.01	45.40
N-Ammonia	12/21/09 122109#1	EPA 350.1M	mg-N/kg	0.21	3.04
Sulfide	12/22/09 122209#1	EPA 376.2	mg/kg	4.47	39.6
Total Organic Carbon	01/05/10 010510#1	Plumb,1981	Percent	0.020	2.08

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
QC26-Anchor QEA

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

Project: BAYWOOD
Event: 080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Client ID: BW-51-SS-091218
ARI ID: 09-31264 QC26D

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/23/09 122309#1	EPA 160.3	Percent	0.01	43.80
Total Organic Carbon	01/05/10 010510#1	Plumb,1981	Percent	0.020	2.18

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
QC26-Anchor QEA

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

Project: BAYWOOD
Event: 080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Client ID: BW-07-SS-091218
ARI ID: 09-31265 QC26E

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/23/09 122309#1	EPA 160.3	Percent	0.01	55.60
Preserved Total Solids	12/23/09 122309#1	EPA 160.3	Percent	0.01	62.70
N-Ammonia	12/21/09 122109#1	EPA 350.1M	mg-N/kg	0.18	6.54
Sulfide	12/22/09 122209#1	EPA 376.2	mg/kg	7.96	49.0
Total Organic Carbon	01/05/10 010510#1	Plumb,1981	Percent	0.020	2.44

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
QC26-Anchor QEA

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

Project: BAYWOOD
Event: 080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Client ID: BW-11-SS-091218
ARI ID: 09-31266 QC26F

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/23/09 122309#1	EPA 160.3	Percent	0.01	46.80
Preserved Total Solids	12/23/09 122309#1	EPA 160.3	Percent	0.01	44.70
N-Ammonia	12/21/09 122109#1	EPA 350.1M	mg-N/kg	0.21	6.35
Sulfide	12/22/09 122209#1	EPA 376.2	mg/kg	4.47	56.8
Total Organic Carbon	01/05/10 010510#1	Plumb,1981	Percent	0.020	2.02

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

METHOD BLANK RESULTS-CONVENTIONALS
QC26-Anchor QEA

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

Project: BAYWOOD
Event: 080547-01
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	Blank
Total Solids	12/23/09	Percent	< 0.01 U
Preserved Total Solids	12/23/09	Percent	< 0.01 U
N-Ammonia	12/21/09	mg-N/kg	< 0.10 U
Sulfide	12/22/09	mg/kg	< 1.00 U
Total Organic Carbon	01/05/10	Percent	< 0.020 U

LAB CONTROL RESULTS-CONVENTIONALS
QC26-Anchor QEA

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

Project: BAYWOOD
Event: 080547-01
Date Sampled: NA
Date Received: NA

Analyte/Method	QC ID	Date	Units	LCS	Spike Added	Recovery
Sulfide EPA 376.2	PREP	12/22/09	mg/kg	5.08	5.66	89.8%
Total Organic Carbon Plumb,1981	ICVL	01/05/10	Percent	0.101	0.100	101.0%

STANDARD REFERENCE RESULTS-CONVENTIONALS
QC26-Anchor QEA

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

Project: BAYWOOD
Event: 080547-01
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Date	Units	SRM	True Value	Recovery
N-Ammonia SPEX 28-24AS	12/21/09	mg-N/kg	99.1	100	99.1%
Total Organic Carbon NIST #8704	01/05/10	Percent	3.18	3.35	94.9%

MS/MSD RESULTS-CONVENTIONALS
QC26-Anchor QEA

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

Project: BAYWOOD
Event: 080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Analyte	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: QC26A Client ID: BW-05-SS-091218						
N-Ammonia	12/21/09	mg-N/kg	4.07	149	151	96.2%
N-Ammonia	12/21/09	mg-N/kg	4.07	136	142	93.0%
Sulfide	12/22/09	mg/kg	23.2	216	206	93.6%
Total Organic Carbon	01/05/10	Percent	1.64	4.08	2.13	114.7%

REPLICATE RESULTS-CONVENTIONALS
QC26-Anchor QEA

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

Project: BAYWOOD
Event: 080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: QC26A Client ID: BW-05-SS-091218					
Total Solids	12/23/09	Percent	62.80	62.90 62.40	0.4%
Preserved Total Solids	12/23/09	Percent	55.90	56.00	0.2%
N-Ammonia	12/21/09	mg-N/kg	4.07	3.93 3.93	2.0%
Sulfide	12/22/09	mg/kg	23.2	33.8	37.2%
Total Organic Carbon	01/05/10	Percent	1.64	1.89 1.56	10.1%

GEOTECHNICAL ANALYSIS

Anchor QEA
Baywood
080547-01

Apparent Grain Size Distribution Summary
Percent Finer Than Indicated Size

Sample No.	Gravel			Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Silt				Clay	
Phi Size	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
Sieve Size (microns)	3/8"	#4 (4750)	#10 (2000)	#18 (1000)	#35 (500)	#60 (250)	#120 (125)	#230 (63)	31.00	15.60	7.80	3.90	2.00	1.00
BW-05-SS-091218	100.0	99.9	99.6	98.8	93.8	68.7	55.2	39.6	22.4	14.0	9.3	6.3	4.5	3.2
	100.0	100.0	99.8	99.0	93.9	68.4	55.0	40.3	23.3	14.1	9.5	6.4	4.5	3.5
	100.0	100.0	99.7	99.0	94.1	68.2	54.3	38.8	23.2	14.3	9.2	6.6	4.8	3.4
BW-01-SS-091218	100.0	100.0	100.0	99.8	99.2	98.6	98.3	97.8	93.2	70.0	41.0	22.6	14.0	8.9
BW-04-SS-091218	100.0	99.3	99.1	97.8	96.6	95.4	94.3	91.9	80.4	52.4	28.5	16.2	10.3	7.0
BW-51-SS-091218	100.0	100.0	100.0	99.0	97.8	96.6	95.9	95.1	90.8	68.7	39.1	20.9	13.3	8.5
BW-07-SS-091218	100.0	99.8	99.1	96.8	90.1	69.8	64.3	59.0	42.3	23.8	14.1	8.6	6.1	4.1
BW-11-SS-091218	100.0	100.0	100.0	98.2	97.4	96.7	95.9	91.2	73.4	51.2	27.8	17.1	11.4	7.8

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Anchor QEA
Baywood
080547-01

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay			Total Fines
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10	<4
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0	<230 (<62)
BW-05-SS-091218	0.4	0.8	5.0	25.1	13.5	15.6	17.2	8.5	4.6	3.1	1.7	1.3	3.2	39.6
	0.2	0.7	5.1	25.5	13.5	14.6	17.0	9.3	4.5	3.2	1.9	1.0	3.5	40.3
	0.3	0.7	4.9	25.8	13.9	15.6	15.5	9.0	5.0	2.6	1.8	1.4	3.4	38.8
BW-01-SS-091218	0.0	0.2	0.6	0.6	0.4	0.5	4.7	23.2	29.0	18.4	8.5	5.2	8.9	97.8
BW-04-SS-091218	0.9	1.3	1.2	1.2	1.1	2.3	11.5	28.0	23.9	12.3	6.0	3.2	7.0	91.9
BW-51-SS-091218	0.0	1.0	1.2	1.2	0.7	0.8	4.2	22.2	29.6	18.2	7.6	4.8	8.5	95.1
BW-07-SS-091218	0.9	2.3	6.7	20.3	5.5	5.3	16.7	18.5	9.6	5.5	2.6	1.9	4.1	59.0
BW-11-SS-091218	0.0	1.8	0.8	0.7	0.8	4.6	17.9	22.2	23.4	10.7	5.7	3.6	7.8	91.2

Notes to the Testing:
1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

QA SUMMARY

Client:	Anchor QEA	Client Project No.:	Baywood
		Client Project:	080547-01
ARI Trip. Sample ID:	QC26 A	Batch No.:	QC26-1
Client Trip. Sample ID:	BW-05-SS-091218	Page:	1 of 1

Relative Standard Deviation, By Phi Size

Sample ID	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
W-05-SS-0912	100.0	99.9	99.6	98.8	93.8	68.7	55.2	39.6	22.4	14.0	9.3	6.3	4.5	3.2
	100.0	100.0	99.8	99.0	93.9	68.4	55.0	40.3	23.3	14.1	9.5	6.4	4.5	3.5
	100.0	100.0	99.7	99.0	94.1	68.2	54.3	38.8	23.2	14.3	9.2	6.6	4.8	3.4
AVE	NA	99.97	99.68	98.92	93.93	68.46	54.84	39.57	23.00	14.10	9.37	6.41	4.61	3.38
STDEV	NA	0.06	0.08	0.13	0.14	0.24	0.45	0.80	0.48	0.15	0.17	0.18	0.17	0.13
%RSD	NA	0.06	0.08	0.14	0.14	0.35	0.82	2.01	2.08	1.05	1.78	2.74	3.59	3.89

The Triplicate Applies To The Following Samples

Client ID	Date Sampled	Date Extracted	Date Complete	QA Ratio (95-105)	Data Qualifiers	Pipette Portion (5.0-25.0g)
BW-05-SS-091218	12/18/2009	1/4/2010	1/9/2010	101.0		23.7
	12/18/2009	1/4/2010	1/9/2010	101.3		23.8
	12/18/2009	1/4/2010	1/9/2010	100.3		22.8
BW-01-SS-091218	12/18/2009	1/4/2010	1/9/2010	98.2		13.7
BW-04-SS-091218	12/18/2009	1/5/2010	1/9/2010	99.8		19.5
BW-51-SS-091218	12/18/2009	1/5/2010	1/9/2010	99.4		15.2
BW-07-SS-091218	12/18/2009	1/5/2010	1/9/2010	100.7		18.9
BW-11-SS-091218	12/18/2009	1/5/2010	1/9/2010	100.2		15.2

* ARI Internal QA limits = 95-105%

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

ANALYTICAL RESOURCES INCORPORATED

GEOTECHNICAL ANALYSIS DATA SHEET
Organic Matter by Method ASTM D2974

Data Release Authorized: gs
Reported: 01/11/10
Date Received: 12/18/09
Page 1 of 1

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
BW-05-SS-091218 QC26A 09-31261	12/18/09	Sediment	01/09/10 17:37	5.54
BW-01-SS-091218 QC26B 09-31262	12/18/09	Sediment	01/09/10 17:37	7.99
BW-04-SS-091218 QC26C 09-31263	12/18/09	Sediment	01/09/10 17:37	14.19
BW-51-SS-091218 QC26D 09-31264	12/18/09	Sediment	01/09/10 17:37	7.80
BW-07-SS-091218 QC26E 09-31265	12/18/09	Sediment	01/09/10 17:37	18.39
BW-11-SS-091218 QC26F 09-31266	12/18/09	Sediment	01/09/10 17:37	16.17

Organic/Ash Content Burn Temperature 440 C Per ASTM D2974

ANALYTICAL RESOURCES INCORPORATED

GEOTECHNICAL ANALYSIS DATA SHEET
Total Solids by Method ASTM D2974

Data Release Authorized: [signature]
Reported: 01/11/10
Date Received: 12/18/09
Page 1 of 1

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
BW-05-SS-091218 QC26A 09-31261	12/18/09	Sediment	01/09/10 17:37	62.90
BW-01-SS-091218 QC26B 09-31262	12/18/09	Sediment	01/09/10 17:37	43.64
BW-04-SS-091218 QC26C 09-31263	12/18/09	Sediment	01/09/10 17:37	50.83
BW-51-SS-091218 QC26D 09-31264	12/18/09	Sediment	01/09/10 17:37	43.76
BW-07-SS-091218 QC26E 09-31265	12/18/09	Sediment	01/09/10 17:37	63.11
BW-11-SS-091218 QC26F 09-31266	12/18/09	Sediment	01/09/10 17:37	51.58

ANALYTICAL RESOURCES INCORPORATED

GEOTECHNICAL ANALYSIS DATA SHEET
Ash Content by Method ASTM D2974

Data Release Authorized: gy
Reported: 01/11/10
Date Received: 12/18/09
Page 1 of 1

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
BW-05-SS-091218 QC26A 09-31261	12/18/09	Sediment	01/09/10 17:37	94.46
BW-01-SS-091218 QC26B 09-31262	12/18/09	Sediment	01/09/10 17:37	92.01
BW-04-SS-091218 QC26C 09-31263	12/18/09	Sediment	01/09/10 17:37	85.81
BW-51-SS-091218 QC26D 09-31264	12/18/09	Sediment	01/09/10 17:37	92.20
BW-07-SS-091218 QC26E 09-31265	12/18/09	Sediment	01/09/10 17:37	81.61
BW-11-SS-091218 QC26F 09-31266	12/18/09	Sediment	01/09/10 17:37	83.83

Organic/Ash Content Burn Temperature 440 C Per ASTM D2974

TOTAL SOLIDS

Extractions Total Solids-extts
Data By: Pat Dugan
Created: 12/28/09

Worklist: 4197
Analyst: RVR
Comments:

	ARI ID / CLIENT ID	Tare Wt (g)	Wet Wt (g)	Dry Wt (g)	% Solids	pH
1.	QC26A 09-31261 BW-05-SS-091218	1.19	11.83	8.25	66.4	NR
2.	QC26B 09-31262 BW-01-SS-091218	1.19	11.47	5.74	44.3	NR
3.	QC26C 09-31263 BW-04-SS-091218	1.21	11.62	6.19	47.8	NR
4.	QC26D 09-31264 BW-51-SS-091218	1.19	11.92	5.97	44.5	NR
5.	QC26E 09-31265 BW-07-SS-091218	1.17	11.59	7.14	57.3	NR
6.	QC26F 09-31266 BW-11-SS-091218	1.18	11.64	6.26	48.6	NR

Extractions Total Solids-extts
Data By: Pat Dugan
Created: 12/28/09

Worklist: 4197
Analyst: PD
Comments:

	ARI ID / CLIENT ID	Tare Wt (g)	Wet Wt (g)	Dry Wt (g)	% Solids	pH
1.	QC26A 09-31261 BW-05-SS-091218	1.19g	11.83g		8.25	NR
2.	QC26B 09-31262 BW-01-SS-091218	1.19g	11.47g		5.74	NR
3.	QC26C 09-31263 BW-04-SS-091218	1.21g	11.62g		6.19	NR
4.	QC26D 09-31264 BW-51-SS-091218	1.19g	11.92g		5.97	NR
5.	QC26E 09-31265 BW-07-SS-091218	1.17g	11.59g		7.14	NR
6.	QC26F 09-31266 BW-11-SS-091218	1.18g	11.64g		6.26	NR

Laboratory Data Package

prepared
for

Anchor QEA

Project: BAYWOOD, 080547-01

ARI JOB NO: QC26

prepared
by

Analytical Resources, Inc.

VPH Analysis
QC Summary Data

prepared
for

Anchor QEA

Project: BAYWOOD, 080547-01

ARI JOB NO: QC26

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

VPH SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01

Client ID	PDBT	FDBT	TOT OUT
MB-123009	87.2%	86.4%	0
LCS-123009	98.6%	98.8%	0
LCSD-123009	101%	100%	0
BW-05-SS-091218	74.0%	74.7%	0
BW-05-SS-091218 MS	80.6%	81.6%	0
BW-05-SS-091218 MSD	62.3%	64.3%	0
BW-01-SS-091218	79.0%	82.0%	0
MB-010510	91.2%	89.2%	0
LCS-010510	108%	105%	0
LCSD-010510	105%	102%	0
BW-04-SS-091218	43.0%*	45.5%*	2
BW-04-SS-091218 DL	65.7%	66.6%	0
MB-123109	99.2%	98.8%	0
LCS-123109	94.6%	94.4%	0
LCSD-123109	108%	107%	0
BW-51-SS-091218	54.9%*	58.8%*	2
BW-51-SS-091218 DL	65.7%	66.6%	0
BW-07-SS-091218	63.3%	65.5%	0
BW-11-SS-091218	44.1%*	22.0%*	2
BW-11-SS-091218 DL	58.8%*	54.6%*	2

	LCS/MB LIMITS	QC LIMITS
(PDBT) = 2,5-Dibromotoluene	(60-140)	(60-140)
(FDBT) = 2,5-Dibromotoluene	(60-140)	(60-140)

Prep Method: METHOD
Log Number Range: 09-31261 to 09-31266

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH

Sample ID: BW-05-SS-091218
MS/MSD

Lab Sample ID: QC26A
LIMS ID: 09-31261
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed MS: 12/30/09 17:47
Date Analyzed MSD: 12/30/09 18:19
Instrument/Analyst: PID1/MH

Sample Amount: 44.6 mg-dry-wt
Sample Amount: 44.9 mg-dry-wt
Purge Volume: 10 mL

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Benzene	< 1090	6270	6660	94.1%	5340	6610	80.8%	16.0%
Toluene	< 1090	6520	6660	97.9%	5460	6610	82.6%	17.7%
Ethylbenzene	< 1090	6630	6660	99.5%	5480	6610	82.9%	19.0%
m,p-Xylene	< 2170	13200	13300	99.2%	10900	13200	82.6%	19.1%
o-Xylene	< 1090	6630	6660	99.5%	5500	6610	83.2%	18.6%
Methyl tert-Butyl Ether	< 1090	8850	6660	133%	8130	6610	123%	8.5%
Naphthalene	< 1090	5510	6660	82.7%	4970	6610	75.2%	10.3%
1,2,3-Trimethylbenzene	< 1090	6830	6660	103%	5680	6610	85.9%	18.4%
1-Methylnaphthalene	< 1090	5290	6660	79.4%	5500	6610	83.2%	3.9%
n-Pentane	< 1090	1820	6660	27.3%	1090	6610	16.5%	50.2%
n-Hexane	< 1090	2420	6660	36.3%	1450	6610	21.9%	50.1%
n-Octane	< 1090	2890	6660	43.4%	1700	6610	25.7%	51.9%
n-Decane	< 1090	1840	6660	27.6%	1100	6610	16.6%	50.3%
n-Dodecane	< 1090	1450	6660	21.8%	657	6610	9.9%	75.3%

Values reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

VPH Surrogate Recovery

	MS	MSD
PID: 2,5-Dibromotoluene	80.6%	62.3%
FID: 2,5-Dibromotoluene	81.6%	64.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH
Page 1 of 1

Sample ID: LCS-123009
LCS/LCSD

Lab Sample ID: LCS-123009
LIMS ID: 09-31261
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: NA
Date Received: NA

Date Analyzed LCS: 12/30/09 14:07
Date Analyzed LCSD: 12/30/09 14:38
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 111 mg-dry-wt

Analyte/Range	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Benzene	4570	4500	102%	4510	4500	100%	1.3%
Toluene	4590	4500	102%	4540	4500	101%	1.1%
Ethylbenzene	4660	4500	104%	4640	4500	103%	0.4%
m,p-Xylene	9270	9010	103%	9270	9010	103%	0.0%
o-Xylene	4630	4500	103%	4590	4500	102%	0.9%
Methyl tert-Butyl Ether	4760	4500	106%	4590	4500	102%	3.6%
Naphthalene	4760	4500	106%	4420	4500	98.2%	7.4%
1,2,3-Trimethylbenzene	4900	4500	109%	4870	4500	108%	0.6%
1-Methylnaphthalene	5040	4500	112%	5500	4500	122%	8.7%
n-Pentane	5120	4500	114%	5210	4500	116%	1.7%
n-Hexane	4490	4500	99.8%	4690	4500	104%	4.4%
n-Octane	4320	4500	96.0%	4430	4500	98.4%	2.5%
n-Decane	4820	4500	107%	4560	4500	101%	5.5%
n-Dodecane	4850	4500	108%	5260	4500	117%	8.1%

Values reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

VPH Surrogate Recovery

	LCS	LCSD
PID: 2,5-Dibromotoluene	98.6%	101%
FID: 2,5-Dibromotoluene	98.8%	100%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH
Page 1 of 1

Sample ID: LCS-123109
LCS/LCSD

Lab Sample ID: LCS-123109
LIMS ID: 09-31264
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: NA
Date Received: NA

Date Analyzed LCS: 12/31/09 08:20
Date Analyzed LCSD: 12/31/09 08:51
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 111 mg-dry-wt

Analyte/Range	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Benzene	4630	4500	103%	4660	4500	104%	0.6%
Toluene	4690	4500	104%	4720	4500	105%	0.6%
Ethylbenzene	4740	4500	105%	4840	4500	108%	2.1%
m,p-Xylene	9450	9010	105%	9630	9010	107%	1.9%
o-Xylene	4660	4500	104%	4790	4500	106%	2.8%
Methyl tert-Butyl Ether	4480	4500	99.6%	4540	4500	101%	1.3%
Naphthalene	4600	4500	102%	5170	4500	115%	11.7%
1,2,3-Trimethylbenzene	4910	4500	109%	4970	4500	110%	1.2%
1-Methylnaphthalene	5120	4500	114%	5900	4500	131%	14.2%
n-Pentane	5270	4500	117%	5220	4500	116%	1.0%
n-Hexane	4630	4500	103%	4630	4500	103%	0.0%
n-Octane	3990	4500	88.7%	4560	4500	101%	13.3%
n-Decane	4710	4500	105%	5310	4500	118%	12.0%
n-Dodecane	5710	4500	127%	5720	4500	127%	0.2%

Values reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

VPH Surrogate Recovery

	LCS	LCSD
PID: 2,5-Dibromotoluene	94.6%	108%
FID: 2,5-Dibromotoluene	94.4%	107%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH
Page 1 of 1

Sample ID: LCS-010510
LCS/LCSD

Lab Sample ID: LCS-010510
LIMS ID: 09-31263
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: NA
Date Received: NA

Date Analyzed LCS: 01/05/10 15:05
Date Analyzed LCSD: 01/05/10 15:37
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 111 mg-dry-wt

Analyte/Range	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Benzene	4720	4500	105%	4510	4500	100%	4.6%
Toluene	4740	4500	105%	4500	4500	100%	5.2%
Ethylbenzene	4840	4500	108%	4570	4500	102%	5.7%
m,p-Xylene	9630	9010	107%	9090	9010	101%	5.8%
o-Xylene	4750	4500	106%	4530	4500	101%	4.7%
Methyl tert-Butyl Ether	4710	4500	105%	4230	4500	94.0%	10.7%
Naphthalene	4850	4500	108%	4590	4500	102%	5.5%
1,2,3-Trimethylbenzene	5020	4500	112%	4820	4500	107%	4.1%
1-Methylnaphthalene	5780	4500	128%	5710	4500	127%	1.2%
n-Pentane	5270	4500	117%	4990	4500	111%	5.5%
n-Hexane	4760	4500	106%	4430	4500	98.4%	7.2%
n-Octane	4540	4500	101%	4250	4500	94.4%	6.6%
n-Decane	4860	4500	108%	4780	4500	106%	1.7%
n-Dodecane	5430	4500	121%	5320	4500	118%	2.0%

Values reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

VPH Surrogate Recovery

	LCS	LCSD
PID: 2,5-Dibromotoluene	108%	105%
FID: 2,5-Dibromotoluene	105%	102%

VPH METHOD BLANK SUMMARY

BLANK NO.

MB1230S1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR QEA

SDG No.: QC26 Project No.: BAYWOOD

Date Analyzed : 12/30/09 Matrix: WATER

Time Analyzed : 1541 Instrument ID : PID1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	LCS1230S1	VPH ICV	12/30/09
02	LCSD1230S1	LCSD1230	12/30/09
03	BW-05-SS-091	QC26A	12/30/09
04	BW-05-SS-091	QC26AMS	12/30/09
05	BW-05-SS-091	QC26AMSD	12/30/09
06	BW-01-SS-091	QC26B	12/30/09
07	BW-04-SS-091	QC26C	12/30/09
08			
09			
10			
11			
12			
13			
14			
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FORM IV VPH

VPH METHOD BLANK SUMMARY

BLANK NO.

MB1231S1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR QEA

SDG No.: QC26 Project No.: BAYWOOD

Date Analyzed : 12/31/09 Matrix: WATER

Time Analyzed : 0952 Instrument ID : PID1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	LCS1231S1	LCS1231	12/31/09
02	LCSD1231S1	LCSD1231	12/31/09
03	BW-51-SS-091	QC26D	12/31/09
04	BW-07-SS-091	QC26E	12/31/09
05	BW-11-SS-091	QC26F	12/31/09
06			
07			
08			
09			
10			
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12			
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VPH METHOD BLANK SUMMARY

BLANK NO.

MB0105S1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR QEA

SDG No.: QC26 Project No.: BAYWOOD

Date Analyzed : 01/05/10 Matrix: WATER

Time Analyzed : 1640 Instrument ID : PID1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	LCS0105S1	LCS0105S1	01/05/10
02	LCSD0105S1	LCSD0105S1	01/05/10
03	BW-04-SS-091	QC26C	01/05/10
04	BW-51-SS-091	QC26D	01/05/10
05	BW-11-SS-091	QC26F	01/05/10
06			

FORM IV VPH

VPH ANALYTICAL SEQUENCE

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR QEA

SDG No.: QC26 Project: BAYWOOD

Instrument ID: PID1 GC Detector: RTX 502-2 ARO

Run Date: 12/30/09

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, AND STANDARDS, IS GIVEN BELOW:

METHOD SURROGATE RT
S1 : 20.20

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	SURR RT
01	ZZZZZ	ZZZZZ	12/30/09	0720	20.21
02		VPH 5	12/30/09	0751	20.21
03		VPH 10	12/30/09	0823	20.21
04		VPH 20	12/30/09	0855	20.21
05	ZZZZZ	ZZZZZ	12/30/09	0926	20.21
06		VPH 50	12/30/09	0958	20.21
07	ZZZZZ	ZZZZZ	12/30/09	1029	20.21
08		VPH 80	12/30/09	1101	20.21
09	ZZZZZ	ZZZZZ	12/30/09	1133	20.21
10		VPH 100	12/30/09	1204	20.21
11	ZZZZZ	ZZZZZ	12/30/09	1236	20.21
12		VPH 200	12/30/09	1307	20.21
13	ZZZZZ	ZZZZZ	12/30/09	1339	20.21
14	LCS1230S1	VPH ICV	12/30/09	1407	20.21
15	LCSD1230S1	LCSD1230	12/30/09	1438	20.21
16	ZZZZZ	ZZZZZ	12/30/09	1509	20.21
17	MB1230S1	MB1230	12/30/09	1541	20.20
18	ZZZZZ	ZZZZZ	12/30/09	1612	20.21
19	ZZZZZ	ZZZZZ	12/30/09	1644	20.20
20	BW-05-SS-091	QC26A	12/30/09	1716	20.20
21	BW-05-SS-091	QC26AMS	12/30/09	1747	20.20
22	BW-05-SS-091	QC26AMSD	12/30/09	1819	20.20
23	BW-01-SS-091	QC26B	12/30/09	1850	20.20
24	BW-04-SS-091	QC26C	12/30/09	1922	20.20
25	ZZZZZ	ZZZZZ	12/30/09	1954	20.20
26	BAYWOOD	VCAL	12/30/09	2025	20.20
27	ZZZZZ	ZZZZZ	12/30/09	2057	20.20
28	ZZZZZ	ZZZZZ	12/30/09	2128	20.20
29	ZZZZZ	ZZZZZ	12/30/09	2200	20.20
30	ZZZZZ	ZZZZZ	12/30/09	2231	20.20
31	ZZZZZ	ZZZZZ	12/30/09	2303	20.20

QC LIMITS

S1 = DIBROMOTOL (+/- 0.07 MINUTES)

* Values outside of QC limits.

FORM VIII-2 VPH

VPH ANALYTICAL SEQUENCE

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR QEA

SDG No.: QC26 Project: BAYWOOD

Instrument ID: PID1 GC Detector: RTX502-2 ALI

Run Date: 12/31/09

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, AND STANDARDS, IS GIVEN BELOW:

METHOD SURROGATE RT
S1 : 20.21

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	SURR RT
01	ZZZZZ	ZZZZZ	12/31/09	0705	20.20
02	BAYWOOD	VCAL	12/31/09	0737	20.21
03	LCS1231S1	LCS1231	12/31/09	0820	20.21
04	LCSD1231S1	LCSD1231	12/31/09	0851	20.21
05	ZZZZZ	ZZZZZ	12/31/09	0923	20.21
06	MB1231S1	MB1231	12/31/09	0952	20.21
07	BW-51-SS-091	QC26D	12/31/09	1023	20.21
08	BW-07-SS-091	QC26E	12/31/09	1055	20.21
09	BW-11-SS-091	QC26F	12/31/09	1126	20.21
10	ZZZZZ	ZZZZZ	12/31/09	1158	20.21
11	BAYWOOD	VCAL	12/31/09	1230	20.21

S1 = 2,5-DBT

QC LIMITS
(+/- 0.07 MINUTES)

* Values outside of QC limits.

FORM VIII-2 VPH

VPH ANALYTICAL SEQUENCE

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR QEA

SDG No.: QC26 Project: BAYWOOD

Instrument ID: PID1 GC Detector: RTX502-2 ALI

Run Date: 01/05/10

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, AND STANDARDS, IS GIVEN BELOW:

METHOD SURROGATE RT
S1 : 20.20

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	SURR RT
01	ZZZZZ	ZZZZZ	01/05/10	1347	20.20
02		VCAL	01/05/10	1419	20.20
03	LCS0105S1	LCS0105S1	01/05/10	1505	20.20
04	LCSD0105S1	LCSD0105S1	01/05/10	1537	20.20
05	ZZZZZ	ZZZZZ	01/05/10	1609	20.20
06	MB0105S1	MB0105S1	01/05/10	1640	20.20
07	BW-04-SS-091	QC26C	01/05/10	1720	20.20
08	BW-51-SS-091	QC26D	01/05/10	1752	20.20
09	BW-11-SS-091	QC26F	01/05/10	1823	20.20
10	ZZZZZ	ZZZZZ	01/05/10	1855	20.20
11		VCAL	01/05/10	1926	20.20

S1 = 2,5-DBT QC LIMITS (+/- 0.07 MINUTES)

* Values outside of QC limits.

FORM VIII-2 VPH

VPH Analysis
Sample Data

prepared
for

Anchor QEA

Project: BAYWOOD, 080547-01

ARI JOB NO: QC26

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH

Sample ID: BW-05-SS-091218
SAMPLE

Lab Sample ID: QC26A
LIMS ID: 09-31261
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed: 12/30/09 17:16
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 46.0 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	1100	< 1,100 U
108-88-3	Toluene	1100	< 1,100 U
100-41-4	Ethylbenzene	1100	< 1,100 U
179601-23-1	m,p-Xylene	2200	< 2,200 U
95-47-6	o-Xylene	1100	< 1,100 U
1634-04-4	Methyl tert-Butyl Ether	1100	< 1,100 U
109-66-0	n-Pentane	1100	< 1,100 U
110-54-3	n-Hexane	1100	< 1,100 U
111-65-9	n-Octane	1100	< 1,100 U
124-18-5	n-Decane	1100	< 1,100 U
112-40-3	n-Dodecane	1100	< 1,100 U

Range	RL	Result
C8-C10 Aromatics	11,000	< 11,000 U
C10-C12 Aromatics	11,000	< 11,000 U
C12-C13 Aromatics	11,000	< 11,000 U
C5-C6 Aliphatics	11,000	< 11,000 U
C6-C8 Aliphatics	11,000	< 11,000 U
C8-C10 Aliphatics	11,000	< 11,000 U
C10-C12 Aliphatics	11,000	< 11,000 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	74.0%
FID: 2,5-Dibromotoluene	74.7%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

MH 1/5/10

Analytical Resources, Inc.

WAVPH-AROMATICS

Data file : /chem3/pid1.i/vpcc1230-2.b/1230a020.d
Lab Smp Id: QC26A
Inj Date : 30-DEC-2009 17:16
Operator : MH Inst ID: pid1.i
Smp Info : QC26A
Misc Info :
Comment :
Method : /chem3/pid1.i/vpcc1230-2.b/VPHARO.m
Meth Date : 04-Jan-2010 12:25 monicah Quant Type: ESTD
Cal Date : 30-DEC-2009 13:07 Cal File: 1230a012.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: waarom.sub
Target Version: 3.50

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
1 MtBE	Compound Not Detected.					
2 BENZENE	7.883	7.890	-0.007	16	0.00424	0.00424
4 TOLUENE	10.210	10.220	-0.010	150	0.04354	0.0435
5 ETHYLBENZENE	12.197	12.207	-0.010	92	0.03081	0.0308
6 M/P-XYLENE	12.297	12.313	-0.016	290	0.08320	0.0832
7 O-XYLENE	12.857	12.900	-0.043	448	0.14667	0.147
9 TRIMETHYLBEN	15.327	15.330	-0.003	292	0.11103	0.111
10 NAPHTHALENE	18.560	18.567	-0.007	963	0.45498	0.455
11 1-METHYLNAP	20.407	20.413	-0.006	2004	1.46920	1.47
$ 37 DIBROMOTOL	20.203	20.210	-0.007	43501	21.6146	21.6(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Analytical Resources, Inc.

WAVPH-ALIPHATICS

Data file : /chem3/pid1.i/vpcc1230-1.b/1230a020.d
Lab Smp Id: QC26A
Inj Date : 30-DEC-2009 17:16
Operator : MH Inst ID: pid1.i
Smp Info : QC26A
Misc Info : 09-
Comment :
Method : /chem3/pid1.i/vpcc1230-1.b/VPHALI.m
Meth Date : 31-Dec-2009 06:49 monicah Quant Type: ESTD
Cal Date : 30-DEC-2009 13:07 Cal File: 1230a012.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: waaliph.sub
Target Version: 3.50

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/mL)	CONCENTRATIONS FINAL (ug/L)
1 nC5	Compound Not Detected.					
2 nC6	5.577	5.583	-0.006	43	0.11871	0.119
4 nC8	9.873	9.887	-0.014	65	0.22249	0.222
5 nC10	13.693	13.703	-0.010	222	0.70702	0.707
7 nC12	16.830	16.843	-0.013	493	1.39398	1.39
$ 8 2,5-DBT	20.203	20.210	-0.007	2543	21.7895	21.8(R)

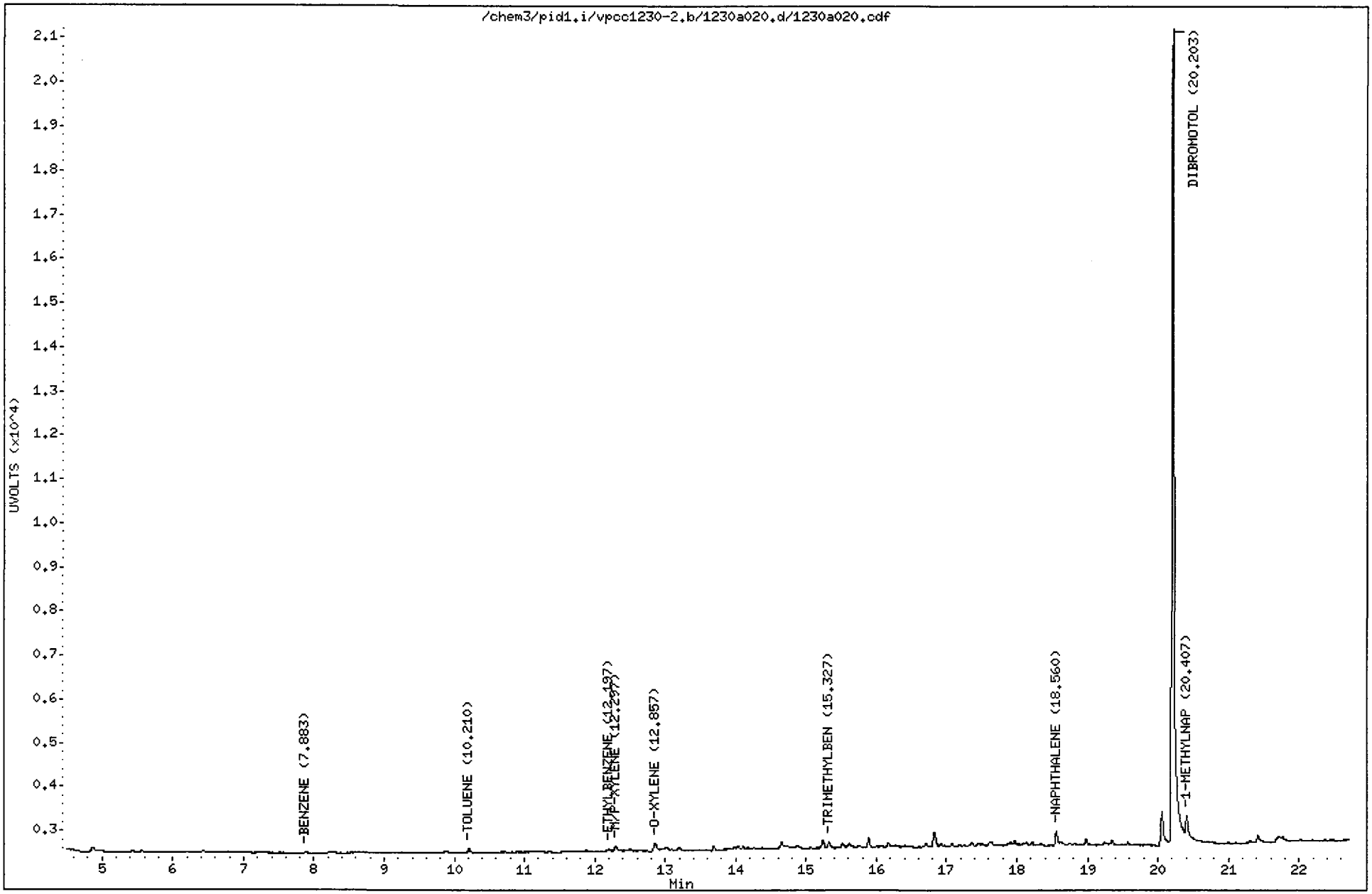
QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /chem3/pid1.i/vpcc1230-2.b/1230a020.d
Date : 30-DEC-2009 17:16
Client ID:
Sample Info: QC26A

Instrument: pid1.i
Operator: MH
Column phase: RTX 502-2 ARO
Column diameter: 0.18

QC26 : 000001

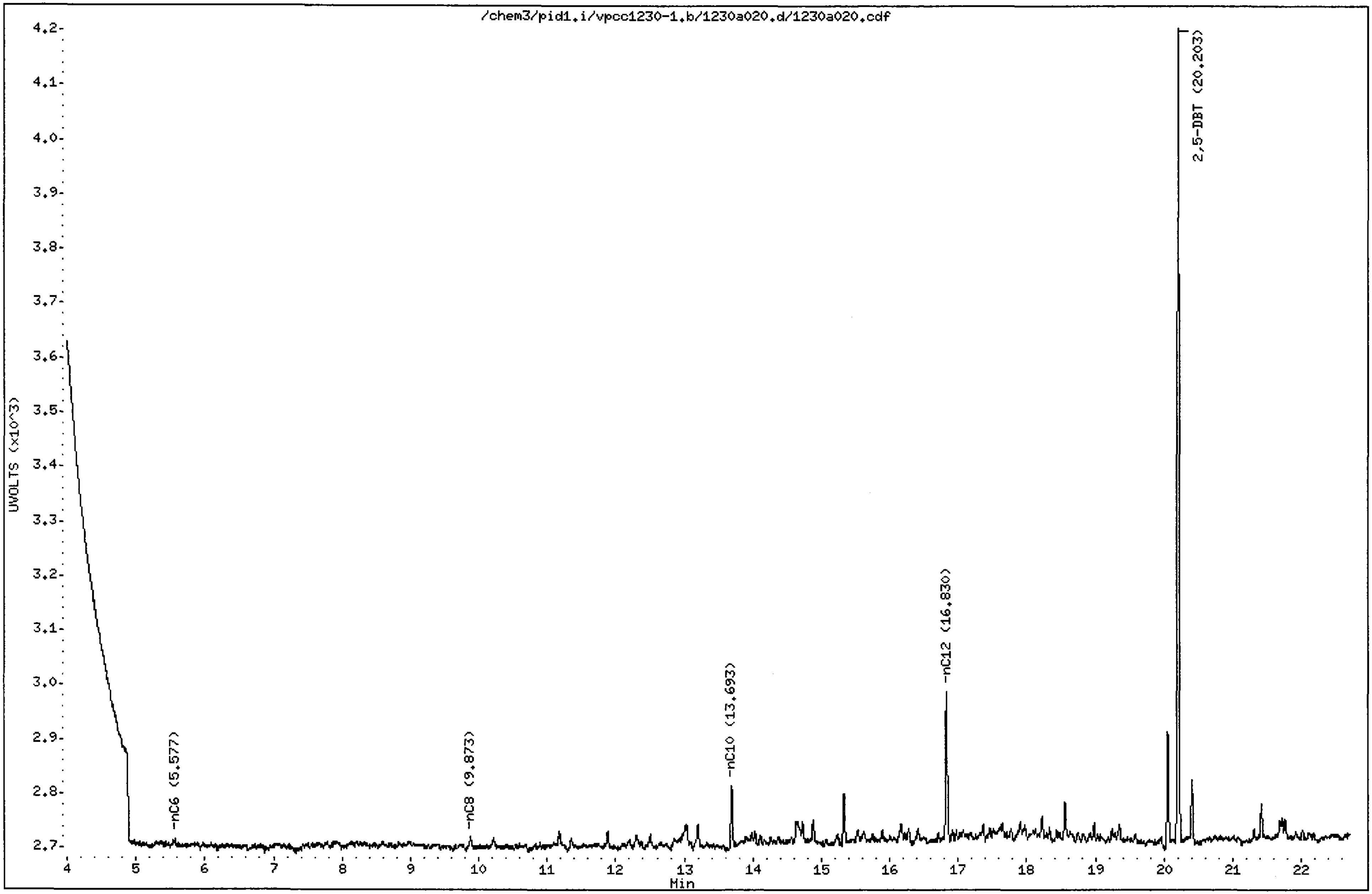


Data File: /chem3/pid1.i/vpcc1230-1.b/1230a020.d
Date : 30-DEC-2009 17:16
Client ID:
Sample Info: QC26A

Column phase: RTX502-2 ALI

Instrument: pid1.i

Operator: MH
Column diameter: 0.18



Analytical Resources Inc.
WAVPH Aromatics Report

Data file: /chem3/pid1.i/vpcc1230-2.b/1230a020.d
Method: /chem3/pid1.i/vpcc1230-2.b/VPHARO.m
Instrument: pid1.i
Operator: MH
Macro: 20-MAR-2004

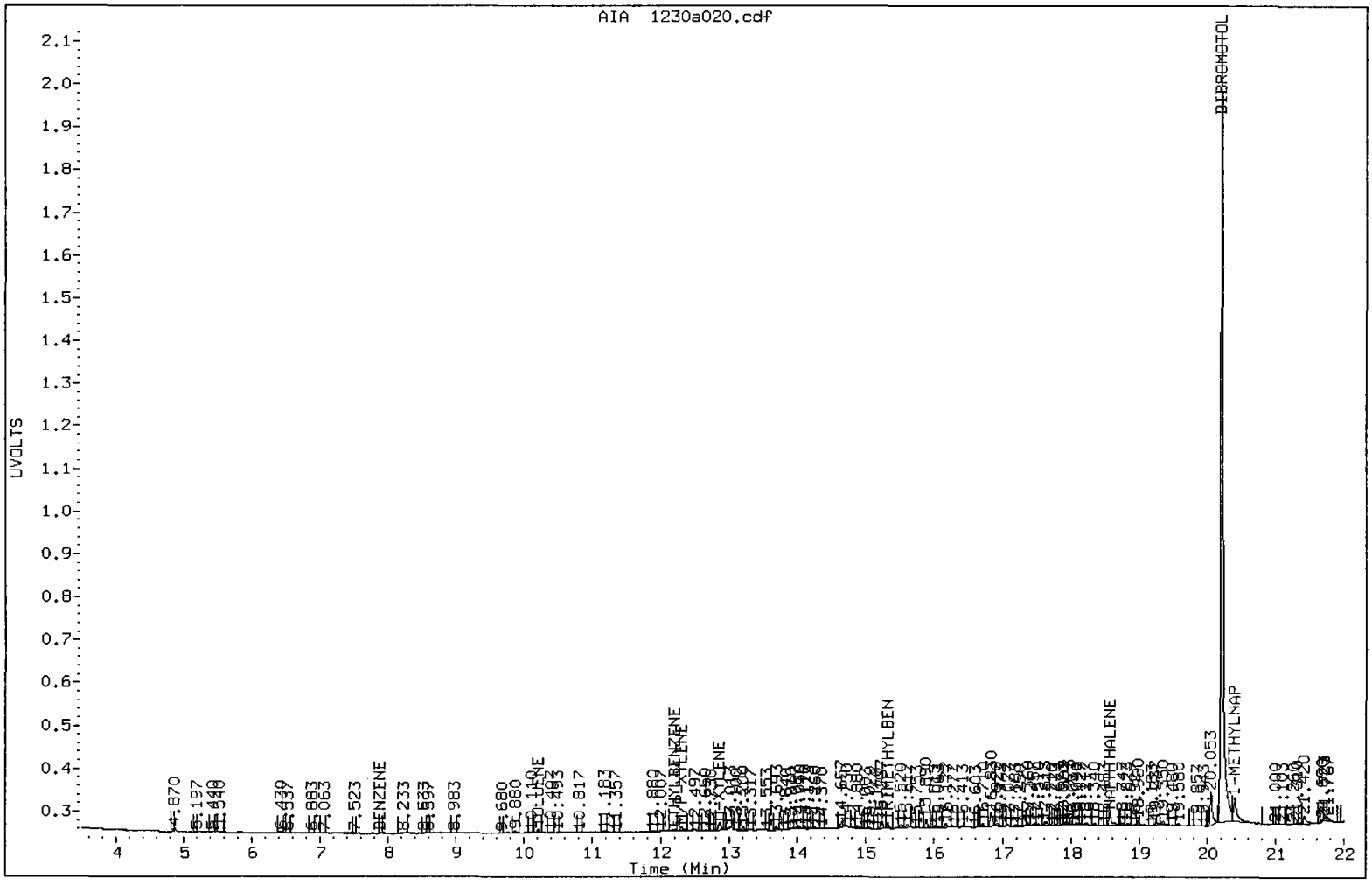
ARI ID: QC26A
Client ID:
Injection: 30-DEC-2009 17:16
Matrix: WATER
Dilution Factor: 1

VPH-AROMATIC RESULTS

Compound	RT	Shift	Height	Amount	Range	Total Area	Conc
MtBE	----				C8-C10 Arom.	3773*	1.4
BENZENE	7.883	-0.007	12	0.0	C10-C12 Arom.	4736	2.2
TOLUENE	10.210	-0.010	75	0.0	C12-C13 Arom.	4998	3.7
ETHYLBENZENE	12.197	-0.010	37	0.0			
M/P-XYLENE	12.297	-0.017	101	0.1			
O-XYLENE	12.857	-0.043	167	0.1			
TRIMETHYLBEN	15.327	-0.003	129	0.1			
NAPHTHALENE	18.560	-0.007	336	0.5			
1-METHYLNAP	20.407	-0.007	560	1.5			
DIBROMOTOL	20.203	-0.007	18474	21.6	DBT Recovery: 43.2		

* Indicates surrogate area subtracted

QC26A AROMATIC (PID) SIGNAL



Analytical Resources Inc.
WAVPH Aliphatics Report

Data file: /chem3/pid1.i/vpcc1230-1.b/1230a020.d
Method: /chem3/pid1.i/vpcc1230-1.b/VPHALI.m
Instrument: pid1.i
Operator: MH
Macro: 20-MAR-2004

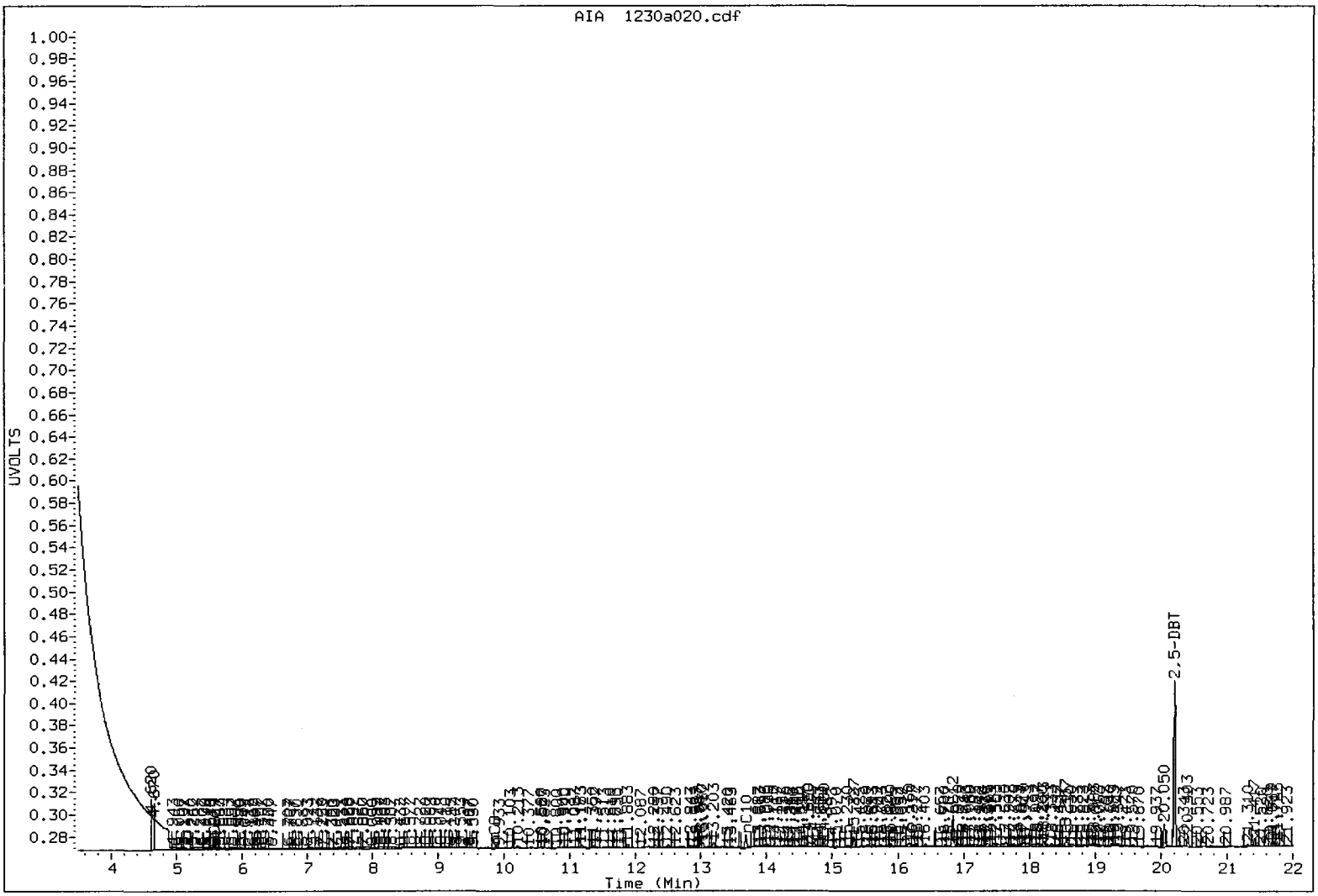
ARI ID: QC26A
Client ID:
Injection: 30-DEC-2009 17:16
Matrix: WATER
Dilution Factor: 1

VPH-ALIPHATIC RESULTS

Compound	RT	Shift	Height	Area	Range		Total Area	Conc
nC5	----				C5-C6	Aliph.	4745	13.9
nC6	5.577	-0.007	25	43	C6-C8	Aliph.	2243*	7.7
nC8	9.873	-0.013	23	65	C8-C10	Aliph.	1516	4.8
nC10	13.693	-0.010	118	222	C10-C12	Aliph.	2480*	7.0
nC12	16.830	-0.013	279	493				

* Indicates surrogate area subtracted

QC26A ALIPHATIC (FID) SIGNAL



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH

Sample ID: BW-01-SS-091218
SAMPLE

Lab Sample ID: QC26B
LIMS ID: 09-31262
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed: 12/30/09 18:50
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 24.0 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	2100	< 2,100 U
108-88-3	Toluene	2100	< 2,100 U
100-41-4	Ethylbenzene	2100	< 2,100 U
179601-23-1	m,p-Xylene	4200	< 4,200 U
95-47-6	o-Xylene	2100	< 2,100 U
1634-04-4	Methyl tert-Butyl Ether	2100	< 2,100 U
109-66-0	n-Pentane	2100	< 2,100 U
110-54-3	n-Hexane	2100	< 2,100 U
111-65-9	n-Octane	2100	< 2,100 U
124-18-5	n-Decane	2100	< 2,100 U
112-40-3	n-Dodecane	2100	< 2,100 U

Range	RL	Result
C8-C10 Aromatics	21,000	< 21,000 U
C10-C12 Aromatics	21,000	< 21,000 U
C12-C13 Aromatics	21,000	< 21,000 U
C5-C6 Aliphatics	21,000	< 21,000 U
C6-C8 Aliphatics	21,000	< 21,000 U
C8-C10 Aliphatics	21,000	< 21,000 U
C10-C12 Aliphatics	21,000	< 21,000 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	79.0%
FID: 2,5-Dibromotoluene	82.0%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

M 1/5/10

Analytical Resources, Inc.

WAVPH-AROMATICS

Data file : /chem3/pid1.i/vpcc1230-2.b/1230a023.d
Lab Smp Id: QC26B
Inj Date : 30-DEC-2009 18:50
Operator : MH Inst ID: pid1.i
Smp Info : QC26B
Misc Info :
Comment :
Method : /chem3/pid1.i/vpcc1230-2.b/VPHARO.m
Meth Date : 04-Jan-2010 12:25 monicah Quant Type: ESTD
Cal Date : 30-DEC-2009 13:07 Cal File: 1230a012.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: waarom.sub
Target Version: 3.50

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
1	MtBE	Compound Not Detected.					
2	BENZENE	7.880	7.890	-0.010	96	0.02547	0.0255
4	TOLUENE	10.210	10.220	-0.010	169	0.04905	0.0490
5	ETHYLBENZENE	12.197	12.207	-0.010	58	0.01942	0.0194
6	M/P-XYLENE	12.293	12.313	-0.020	190	0.05451	0.0545
7	O-XYLENE	12.857	12.900	-0.043	503	0.16468	0.165
9	TRIMETHYLBEN	15.320	15.330	-0.010	121	0.04601	0.0460
10	NAPHTHALENE	18.560	18.567	-0.007	1763	0.83294	0.833
11	1-METHYLNAP	20.407	20.413	-0.006	7863	5.76465	5.76
$ 37	DIBROMOTOL	20.203	20.210	-0.007	36826	18.2980	18.3(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Analytical Resources, Inc.

WAVPH-ALIPHATICS

Data file : /chem3/pid1.i/vpcc1230-1.b/1230a023.d
Lab Smp Id: QC26B
Inj Date : 30-DEC-2009 18:50
Operator : MH Inst ID: pid1.i
Smp Info : QC26B
Misc Info : 09-
Comment :
Method : /chem3/pid1.i/vpcc1230-1.b/VPHALI.m
Meth Date : 31-Dec-2009 06:49 monicah Quant Type: ESTD
Cal Date : 30-DEC-2009 13:07 Cal File: 1230a012.cdf
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: waaliph.sub
Target Version: 3.50

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/mL)	CONCENTRATIONS FINAL (ug/L)
	1 nC5	Compound Not Detected.					
	2 nC6	5.567	5.583	-0.016	48	0.13279	0.133
	4 nC8	9.877	9.887	-0.010	82	0.28376	0.284
	5 nC10	13.690	13.703	-0.013	189	0.60479	0.605
	7 nC12	16.830	16.843	-0.013	364	1.03149	1.03
$	8 2,5-DBT	20.200	20.210	-0.010	2218	19.0064	19.0(R)

QC Flag Legend

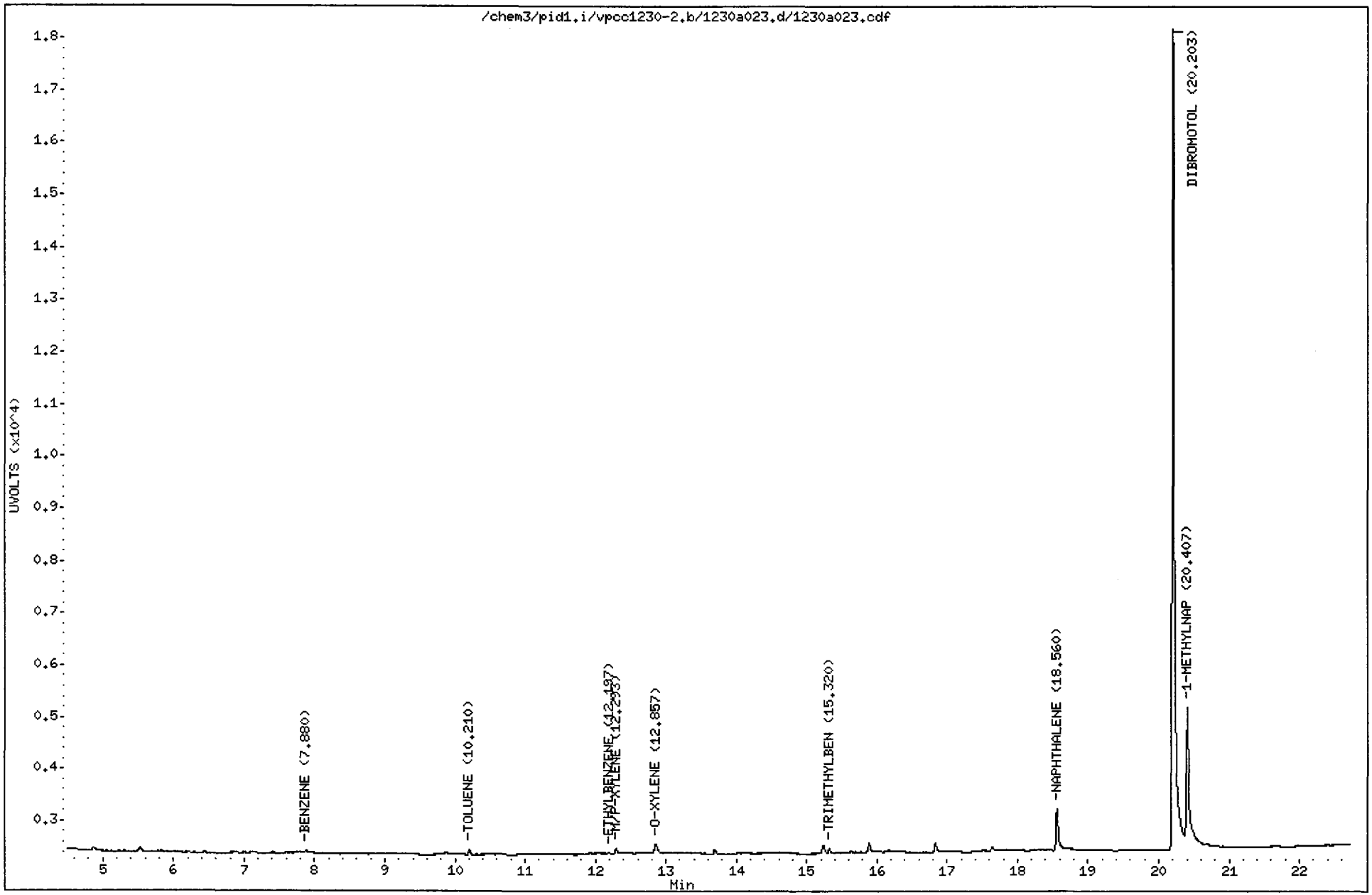
R - Spike/Surrogate failed recovery limits.

Data File: /chem3/pid1.i/vpcc1230-2.b/1230a023.d
Date : 30-DEC-2009 18:50
Client ID:
Sample Info: QC26B

Instrument: pid1.i
Operator: MH
Column diameter: 0.18

Column phase: RTX 502-2 ARO

QC26:091101

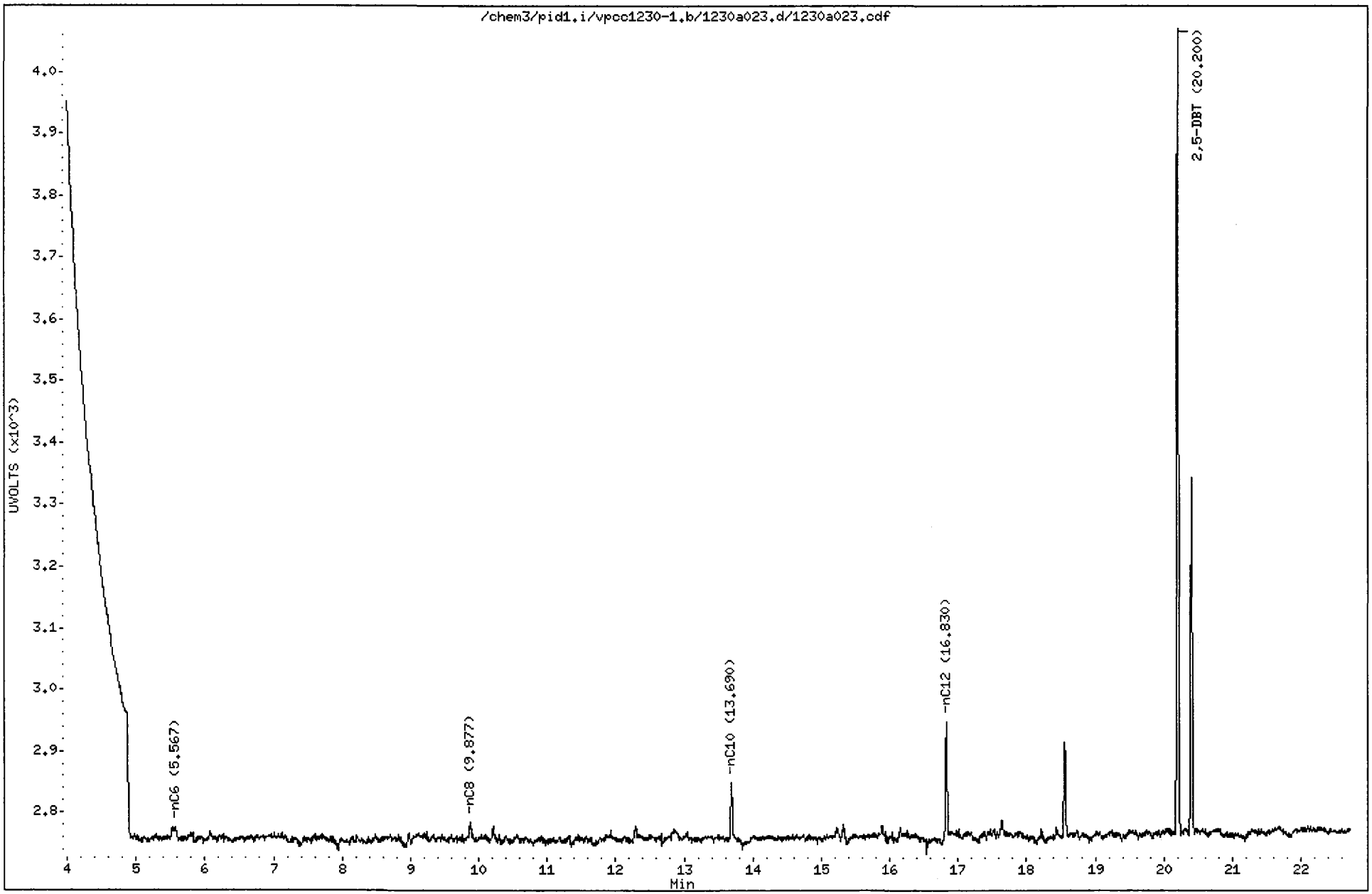


Data File: /chem3/pid1.i/vpcc1230-1.b/1230a023.d
Date : 30-DEC-2009 18:50
Client ID:
Sample Info: QC26B

Instrument: pid1.i
Operator: MH
Column diameter: 0.18

Column phase: RTX502-2 ALI

QC26 : 001102



Analytical Resources Inc.
WAVPH Aromatics Report

Data file: /chem3/pid1.i/vpcc1230-2.b/1230a023.d
Method: /chem3/pid1.i/vpcc1230-2.b/VPHARO.m
Instrument: pid1.i
Operator: MH
Macro: 20-MAR-2004

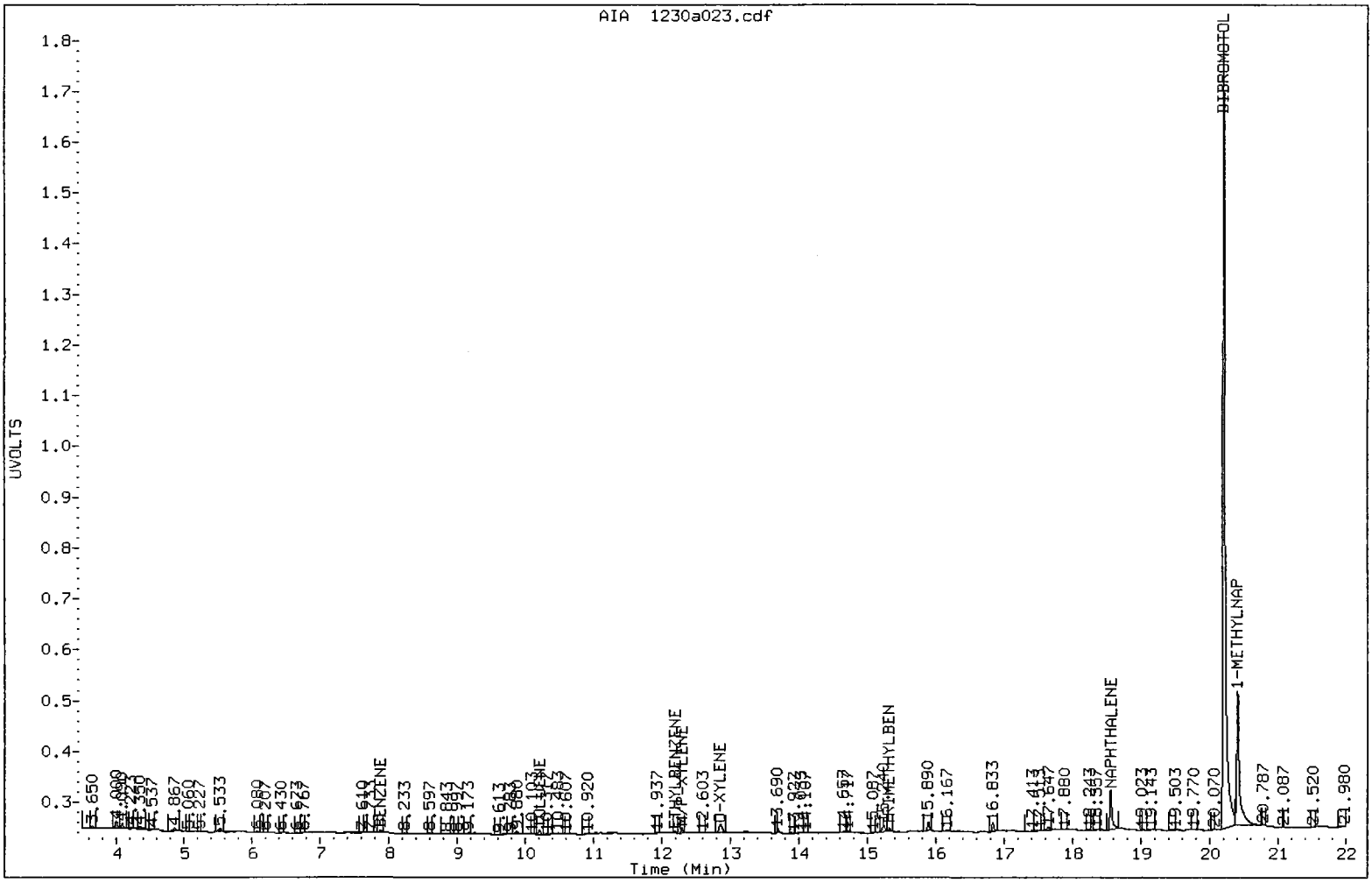
ARI ID: QC26B
Client ID:
Injection: 30-DEC-2009 18:50
Matrix: WATER
Dilution Factor: 1

VPH-AROMATIC RESULTS

Compound	RT	Shift	Height	Amount	Range	Total Area	Conc
MtBE	----				C8-C10 Arom.	1554*	0.6
BENZENE	7.880	-0.010	47	0.0	C10-C12 Arom.	2840	1.3
TOLUENE	10.210	-0.010	90	0.0	C12-C13 Arom.	8003	5.9
ETHYLBENZENE	12.197	-0.010	33	0.0			
M/P-XYLENE	12.293	-0.020	101	0.1			
O-XYLENE	12.857	-0.043	161	0.2			
TRIMETHYLBEN	15.320	-0.010	69	0.0			
NAPHTHALENE	18.560	-0.007	773	0.8			
1-METHYLNAP	20.407	-0.007	2642	5.8			
DIBROMOTOL	20.203	-0.007	15704	18.3	DBT Recovery:	36.6	

* Indicates surrogate area subtracted

QC26B AROMATIC (PID) SIGNAL



Analytical Resources Inc.
WAVPH Aliphatics Report

Data file: /chem3/pid1.i/vpcc1230-1.b/1230a023.d
Method: /chem3/pid1.i/vpcc1230-1.b/VPHALI.m
Instrument: pid1.i
Operator: MH
Macro: 20-MAR-2004

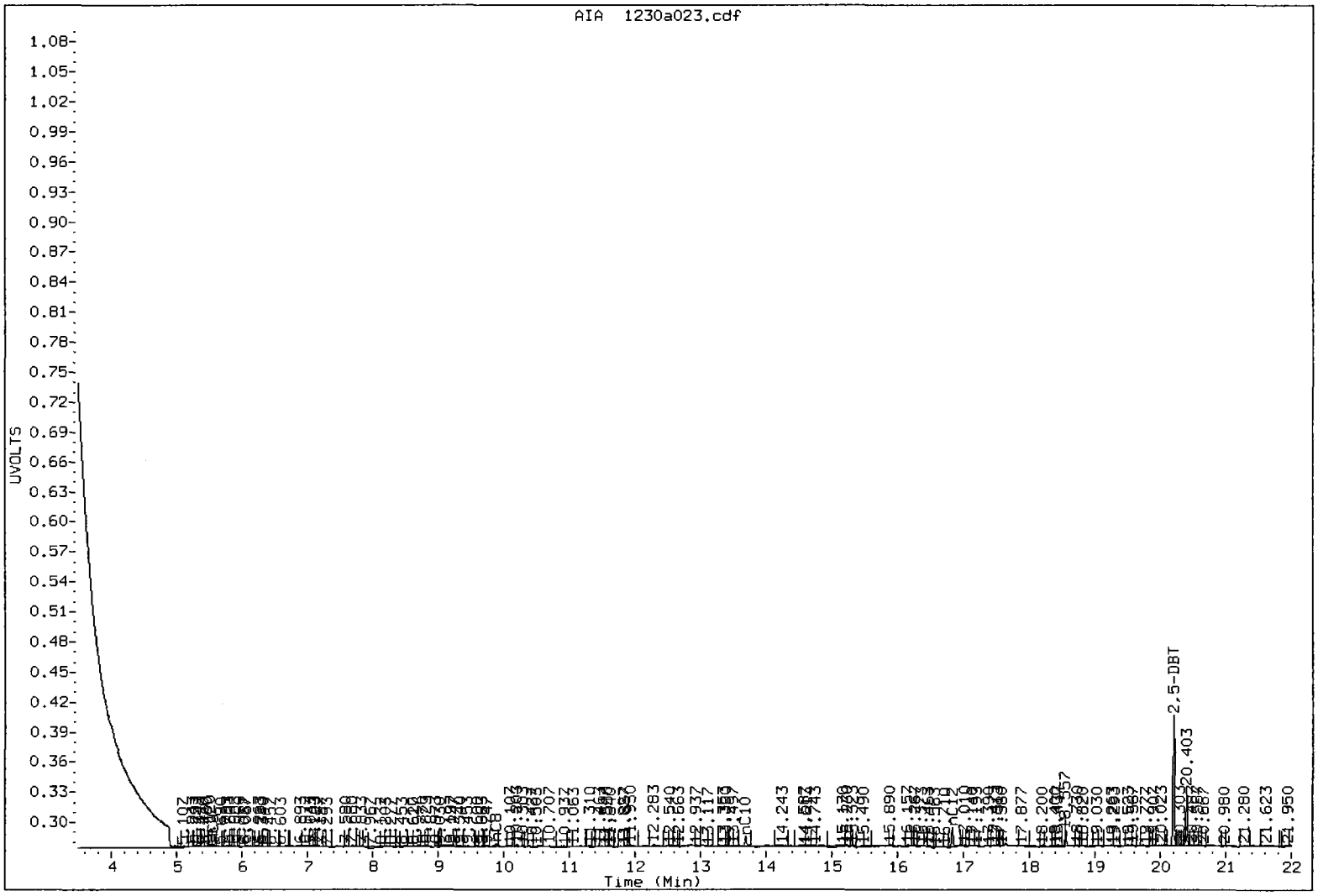
ARI ID: QC26B
Client ID:
Injection: 30-DEC-2009 18:50
Matrix: WATER
Dilution Factor: 1

VPH-ALIPHATIC RESULTS

Compound	RT	Shift	Height	Area	Range		Total Area	Conc
nC5	----				C5-C6	Aliph.	261	0.8
nC6	5.567	-0.017	23	48	C6-C8	Aliph.	1259*	4.3
nC8	9.877	-0.010	30	82	C8-C10	Aliph.	946	3.0
nC10	13.690	-0.013	95	189	C10-C12	Aliph.	856*	2.4
nC12	16.830	-0.013	195	364				

* Indicates surrogate area subtracted

QC26B ALIPHATIC (FID) SIGNAL



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH

Sample ID: BW-04-SS-091218
SAMPLE

Lab Sample ID: QC26C
LIMS ID: 09-31263
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed: 12/30/09 19:22
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 27.0 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	1900	< 1,900 U
108-88-3	Toluene	1900	< 1,900 U
100-41-4	Ethylbenzene	1900	< 1,900 U
179601-23-1	m,p-Xylene	3700	< 3,700 U
95-47-6	o-Xylene	1900	< 1,900 U
1634-04-4	Methyl tert-Butyl Ether	1900	< 1,900 U
109-66-0	n-Pentane	1900	< 1,900 U
110-54-3	n-Hexane	1900	< 1,900 U
111-65-9	n-Octane	1900	< 1,900 U
124-18-5	n-Decane	1900	< 1,900 U
112-40-3	n-Dodecane	1900	< 1,900 U

Range	RL	Result
C8-C10 Aromatics	19,000	< 19,000 U
C10-C12 Aromatics	19,000	< 19,000 U
C12-C13 Aromatics	19,000	< 19,000 U
C5-C6 Aliphatics	19,000	< 19,000 U
C6-C8 Aliphatics	19,000	< 19,000 U
C8-C10 Aliphatics	19,000	< 19,000 U
C10-C12 Aliphatics	19,000	< 19,000 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	43.0%
FID: 2,5-Dibromotoluene	45.5%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

MH 1/5/10

Analytical Resources, Inc.

WAVPH-AROMATICS

Data file : /chem3/pid1.i/vpcc1230-2.b/1230a024.d
Lab Smp Id: QC26C
Inj Date : 30-DEC-2009 19:22
Operator : MH Inst ID: pid1.i
Smp Info : QC26C
Misc Info :
Comment :
Method : /chem3/pid1.i/vpcc1230-2.b/VPHARO.m
Meth Date : 04-Jan-2010 12:25 monicah Quant Type: ESTD
Cal Date : 30-DEC-2009 13:07 Cal File: 1230a012.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: waarom.sub
Target Version: 3.50

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
1	MtBE	Compound Not Detected.					
2	BENZENE	7.880	7.890	-0.010	65	0.01725	0.0172
4	TOLUENE	10.207	10.220	-0.013	113	0.03280	0.0328
5	ETHYLBENZENE	12.197	12.207	-0.010	68	0.02277	0.0228
6	M/P-XYLENE	12.293	12.313	-0.020	174	0.04992	0.0499
7	O-XYLENE	12.853	12.900	-0.047	587	0.19218	0.192
9	TRIMETHYLBEN	15.323	15.330	-0.007	53	0.02015	0.0202
10	NAPHTHALENE	18.560	18.567	-0.007	115	0.05433	0.0543
11	1-METHYLNAP	20.407	20.413	-0.006	1870	1.37096	1.37
$ 37	DIBROMOTOL	20.203	20.210	-0.007	20395	10.1338	10.1(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Analytical Resources, Inc.

WAVPH-ALIPHATICS

Data file : /chem3/pid1.i/vpcc1230-1.b/1230a024.d
Lab Smp Id: QC26C
Inj Date : 30-DEC-2009 19:22
Operator : MH Inst ID: pid1.i
Smp Info : QC26C
Misc Info : 09-
Comment :
Method : /chem3/pid1.i/vpcc1230-1.b/VPHALI.m
Meth Date : 31-Dec-2009 06:49 monicah Quant Type: ESTD
Cal Date : 30-DEC-2009 13:07 Cal File: 1230a012.cdf
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: waaliph.sub
Target Version: 3.50

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/mL)	FINAL (ug/L)
	1 nC5	Compound Not Detected.					
	2 nC6	5.593	5.583	0.010	35	0.09773	0.0977
	4 nC8	9.873	9.887	-0.014	83	0.28753	0.288
	5 nC10	13.690	13.703	-0.013	112	0.35765	0.358
	7 nC12	16.830	16.843	-0.013	269	0.76118	0.761
$	8 2,5-DBT	20.200	20.210	-0.010	1244	10.6608	10.7(R)

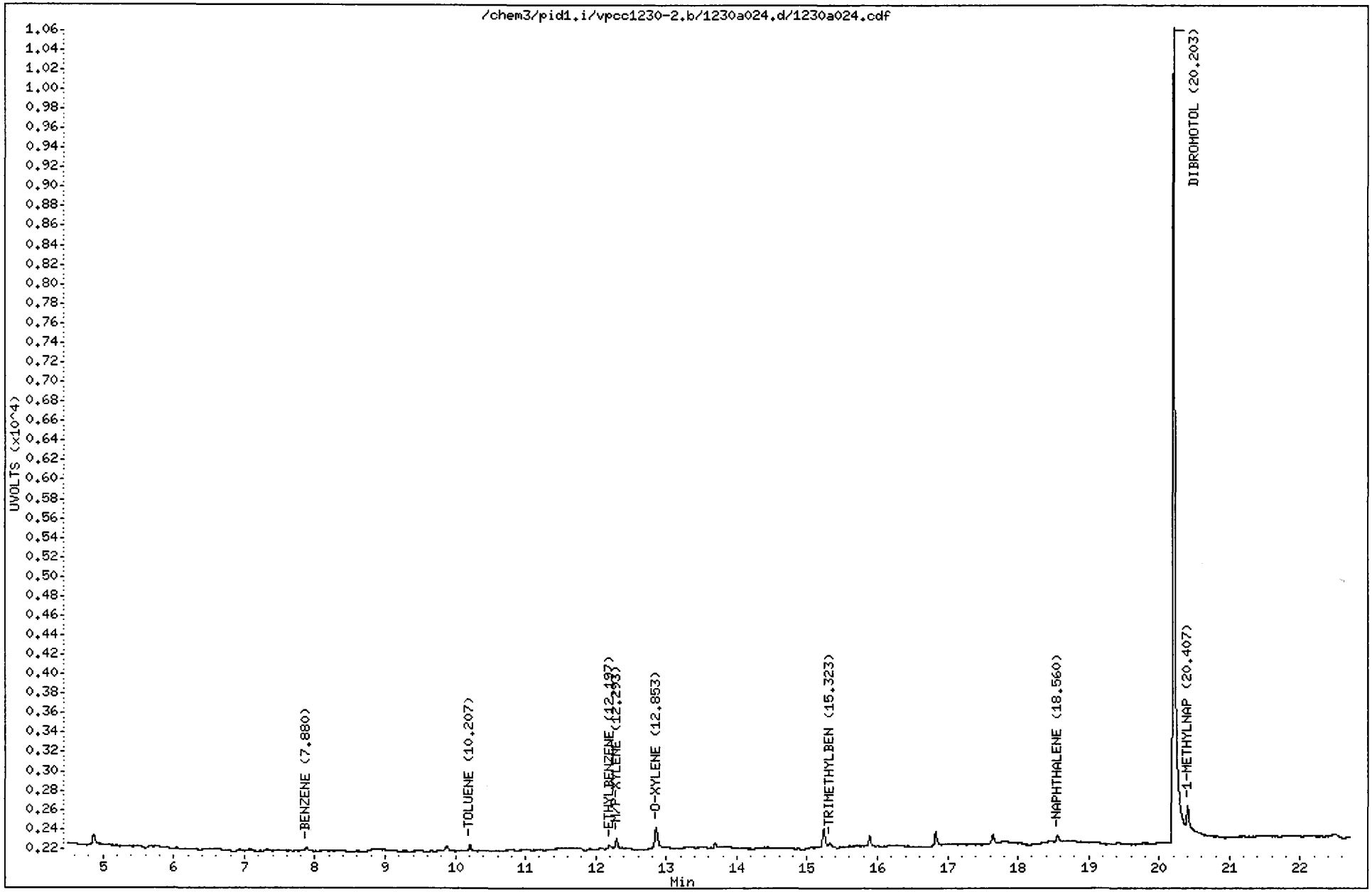
QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /chem3/pid1.i/vpcc1230-2.b/1230a024.d
Date : 30-DEC-2009 19:22
Client ID:
Sample Info: QC26C

Instrument: pid1.i
Operator: MH
Column phase: RTX 502-2 ARO
Column diameter: 0.18

QC26 : 661169



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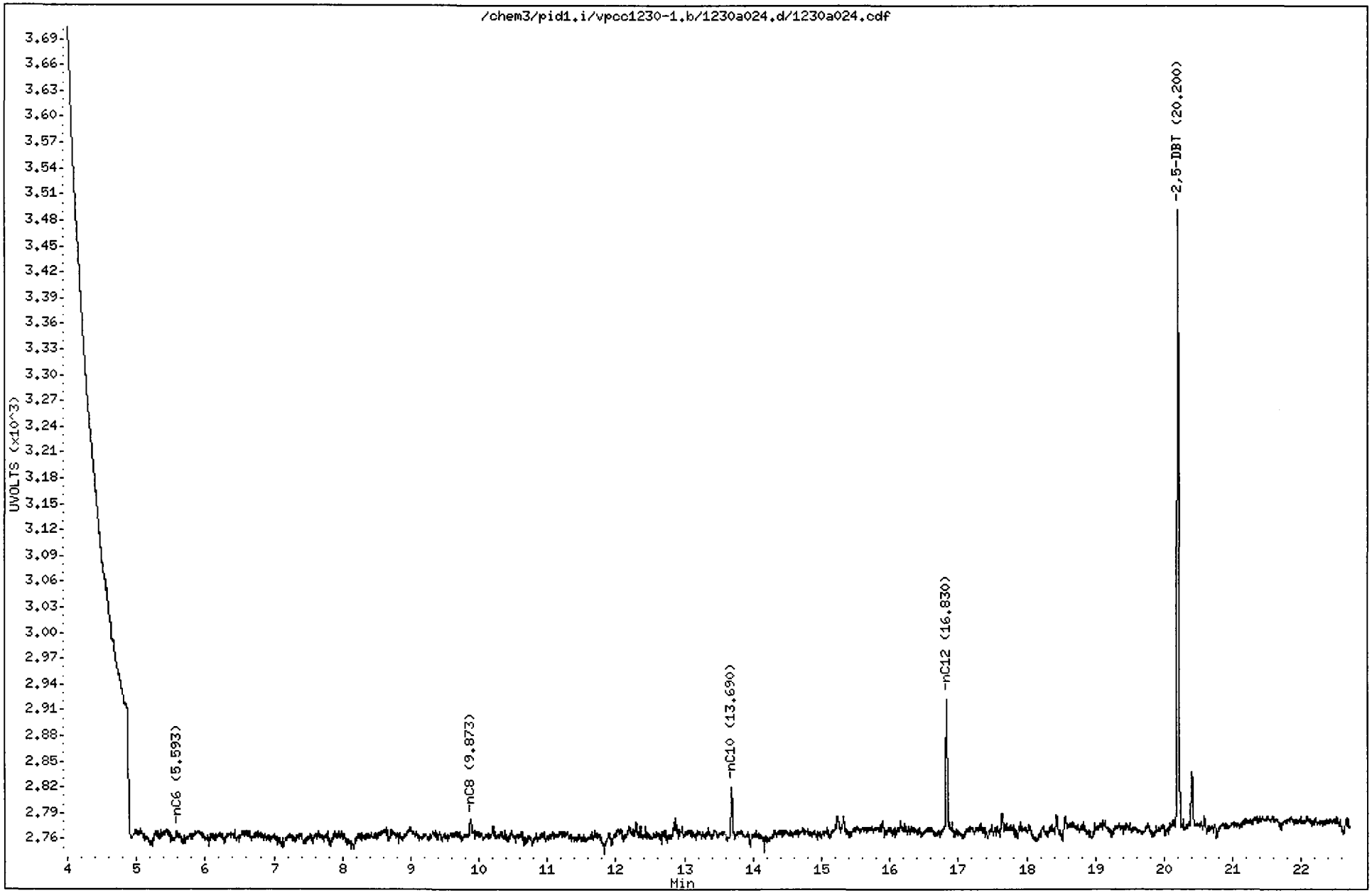
Date : 30-DEC-2009 19:22
Client ID:
Sample Info: QC26C

Instrument: pid1.i
Operator: MH
Column diameter: 0.18

Column phase: RTX502-2 ALI

QC26:65199



Analytical Resources Inc.
WAVPH Aromatics Report

Data file: /chem3/pid1.i/vpcc1230-2.b/1230a024.d
Method: /chem3/pid1.i/vpcc1230-2.b/VPHARO.m
Instrument: pid1.i
Operator: MH
Macro: 20-MAR-2004

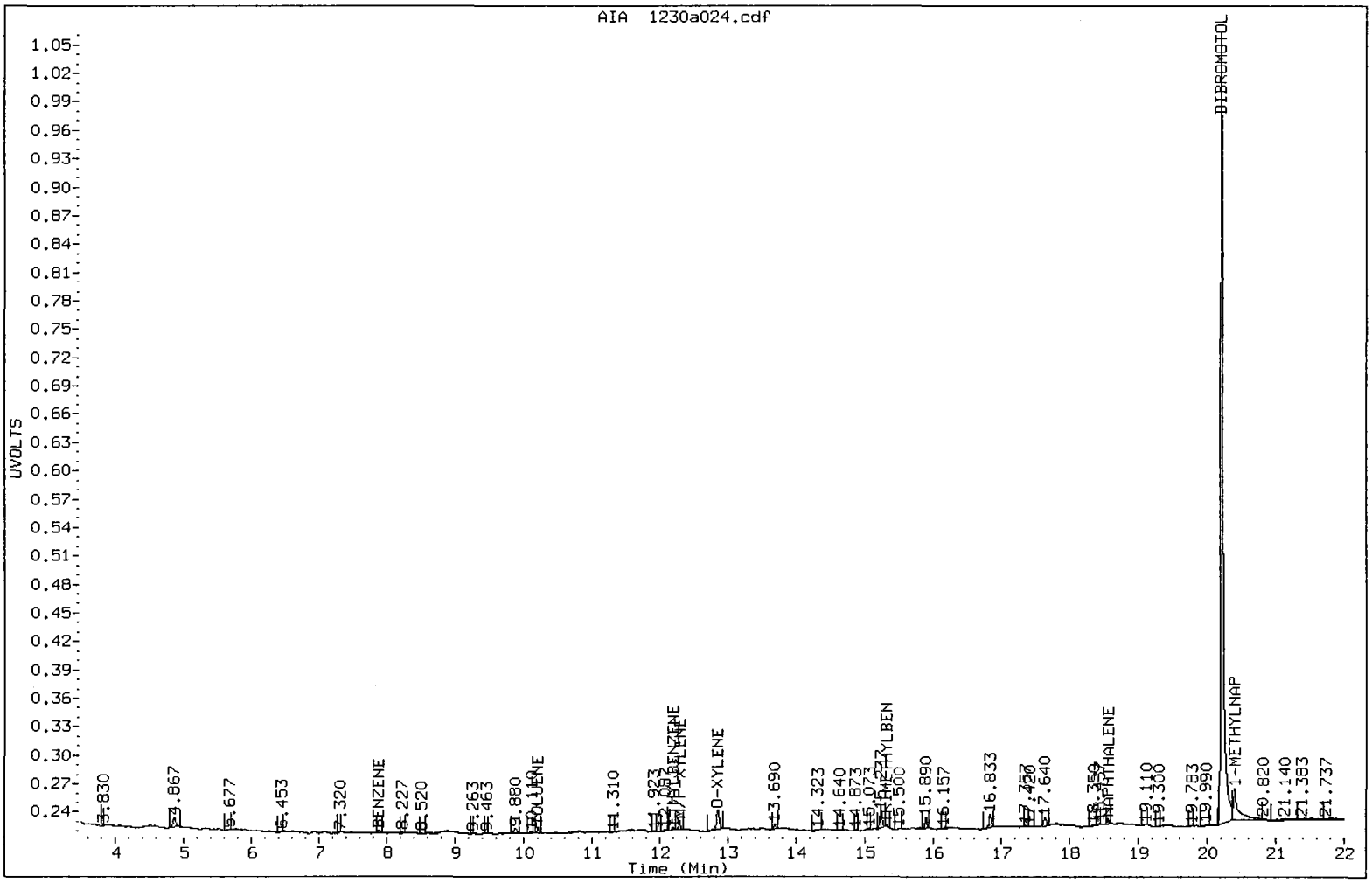
ARI ID: QC26C
Client ID:
Injection: 30-DEC-2009 19:22
Matrix: WATER
Dilution Factor: 1

VPH-AROMATIC RESULTS

Compound	RT	Shift	Height	Amount	Range	Total Area	Conc
MtBE	----				C8-C10 Arom.	1622*	0.6
BENZENE	7.880	-0.010	29	0.0	C10-C12 Arom.	914	0.4
TOLUENE	10.207	-0.013	62	0.0	C12-C13 Arom.	1953	1.4
ETHYLBENZENE	12.197	-0.010	33	0.0			
M/P-XYLENE	12.293	-0.020	90	0.0			
O-XYLENE	12.853	-0.047	201	0.2			
TRIMETHYLBEN	15.323	-0.007	28	0.0			
NAPHTHALENE	18.560	-0.007	60	0.1			
1-METHYLNAP	20.407	-0.007	339	1.4			
DIBROMOTOL	20.203	-0.007	8364	10.1	DBT Recovery: 20.3		

* Indicates surrogate area subtracted

QC26C AROMATIC (PID) SIGNAL



Analytical Resources Inc.
WAVPH Aliphatics Report

Data file: /chem3/pid1.i/vpcc1230-1.b/1230a024.d
Method: /chem3/pid1.i/vpcc1230-1.b/VPHALI.m
Instrument: pid1.i
Operator: MH
Macro: 20-MAR-2004

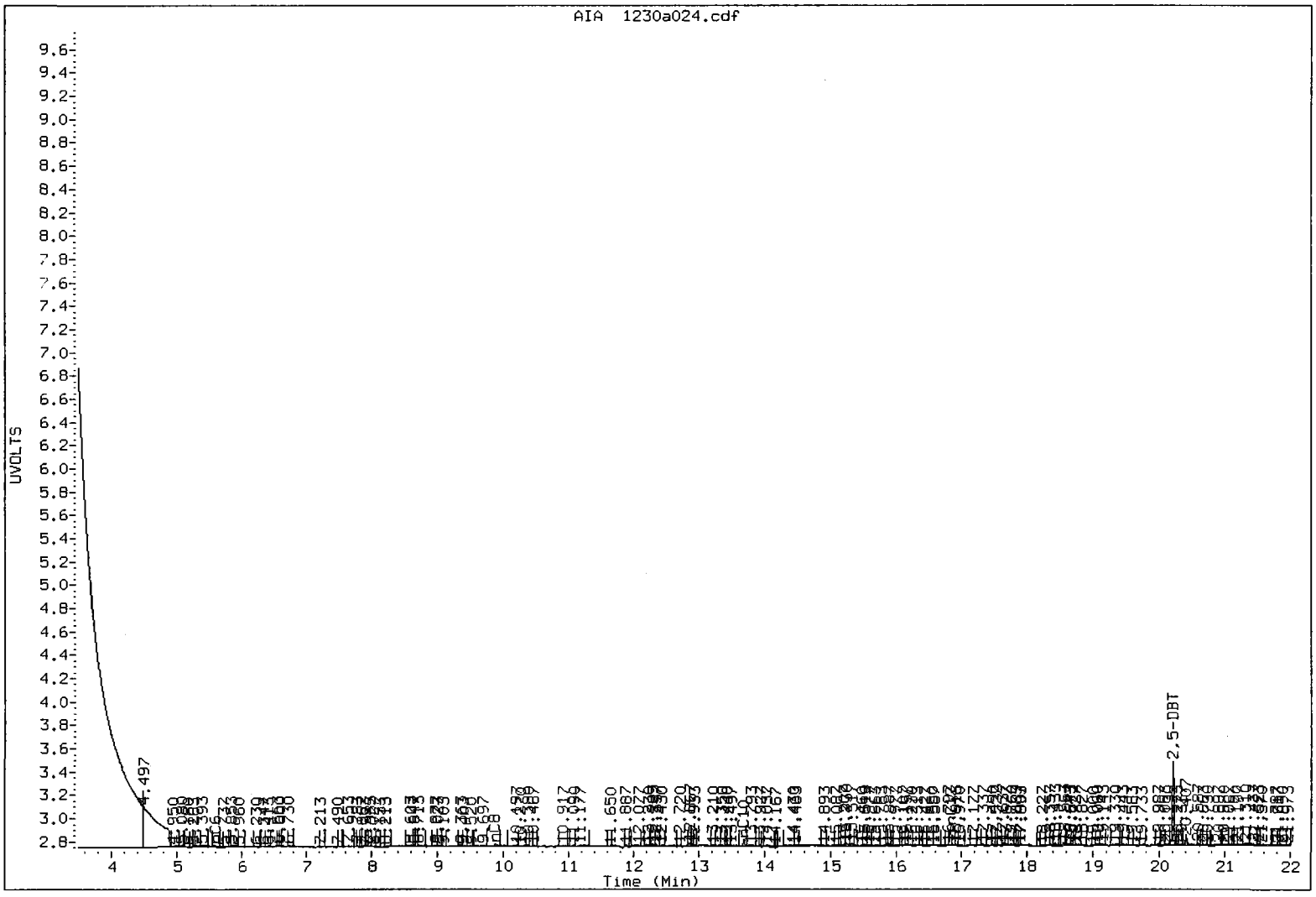
ARI ID: QC26C
Client ID:
Injection: 30-DEC-2009 19:22
Matrix: WATER
Dilution Factor: 1

VPH-ALIPHATIC RESULTS

Compound	RT	Shift	Height	Area	Range	Total Area	Conc
nC5	----				C5-C6 Aliph.	5850	17.2
nC6	5.593	0.010	10	35	C6-C8 Aliph.	804*	2.8
nC8	9.873	-0.013	22	83	C8-C10 Aliph.	738	2.4
nC10	13.690	-0.013	62	112	C10-C12 Aliph.	986*	2.8
nC12	16.830	-0.013	156	269			

* Indicates surrogate area subtracted

QC26C ALIPHATIC (FID) SIGNAL



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH

Sample ID: BW-04-SS-091218
DILUTION

Lab Sample ID: QC26C
LIMS ID: 09-31263
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed: 01/05/10 17:20
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 26.7 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	1900	< 1,900 U
108-88-3	Toluene	1900	< 1,900 U
100-41-4	Ethylbenzene	1900	< 1,900 U
179601-23-1	m,p-Xylene	3700	< 3,700 U
95-47-6	o-Xylene	1900	< 1,900 U
1634-04-4	Methyl tert-Butyl Ether	1900	< 1,900 U
109-66-0	n-Pentane	1900	< 1,900 U
110-54-3	n-Hexane	1900	< 1,900 U
111-65-9	n-Octane	1900	< 1,900 U
124-18-5	n-Decane	1900	< 1,900 U
112-40-3	n-Dodecane	1900	< 1,900 U

Range	RL	Result
C8-C10 Aromatics	19,000	< 19,000 U
C10-C12 Aromatics	19,000	< 19,000 U
C12-C13 Aromatics	19,000	< 19,000 U
C5-C6 Aliphatics	19,000	< 19,000 U
C6-C8 Aliphatics	19,000	< 19,000 U
C8-C10 Aliphatics	19,000	< 19,000 U
C10-C12 Aliphatics	19,000	< 19,000 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	65.7%
FID: 2,5-Dibromotoluene	66.6%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

MH 1/6/10

Analytical Resources, Inc.

WAVPH-AROMATICS

Data file : /chem3/pid1.i/vpcc0105-2.b/0105a007.d
Lab Smp Id: QC26C Client Smp ID: BW-04-SS-091218
Inj Date : 05-JAN-2010 17:20
Operator : MH Inst ID: pid1.i
Smp Info : QC26C
Misc Info : 09-31263
Comment :
Method : /chem3/pid1.i/vpcc0105-2.b/VPHARO.m
Meth Date : 06-Jan-2010 06:54 monicah Quant Type: ESTD
Cal Date : 30-DEC-2009 13:07 Cal File: 1230a012.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: waarom.sub
Target Version: 3.50

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
1 MtBE	5.317	5.330	-0.013	12	0.06358	0.0636
2 BENZENE	7.883	7.887	-0.004	30	0.00807	0.00806
4 TOLUENE	10.213	10.213	0.000	98	0.02862	0.0286
5 ETHYLBENZENE	12.200	12.197	0.003	24	0.00820	0.00820
6 M/P-XYLENE	12.297	12.297	0.000	58	0.01670	0.0167
7 O-XYLENE	12.857	12.890	-0.033	283	0.09282	0.0928
9 TRIMETHYLBEN	15.323	15.320	0.003	110	0.04217	0.0422
10 NAPHTHALENE	18.563	18.560	0.003	378	0.17892	0.179
11 1-METHYLNAP	20.407	20.407	0.000	2051	1.50440	1.50
$ 37 DIBROMOTOL	20.203	20.203	0.000	31459	15.6314	15.6(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Analytical Resources, Inc.

WAVPH-ALIPHATICS

Data file : /chem3/pid1.i/vpcc0105-1.b/0105a007.d
Lab Smp Id: QC26C Client Smp ID: BW-04-SS-091218
Inj Date : 05-JAN-2010 17:20
Operator : MH Inst ID: pid1.i
Smp Info : QC26C
Misc Info : 09-31263
Comment :
Method : /chem3/pid1.i/vpcc0105-1.b/VPHALI.m
Meth Date : 06-Jan-2010 06:54 monicah Quant Type: ESTD
Cal Date : 30-DEC-2009 13:07 Cal File: 1230a012.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: waaliph.sub
Target Version: 3.50

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/mL)	CONCENTRATIONS FINAL (ug/Kg)
	1 nC5	Compound Not Detected.					
	2 nC6	5.573	5.587	-0.014	14	0.03865	0.0386
	4 nC8	9.887	9.880	0.007	19	0.06606	0.0661
	5 nC10	13.690	13.690	0.000	161	0.51339	0.513
	7 nC12	16.833	16.833	0.000	249	0.70463	0.705
$	8 2,5-DBT	20.203	20.203	0.000	1845	15.8173	15.8(R)

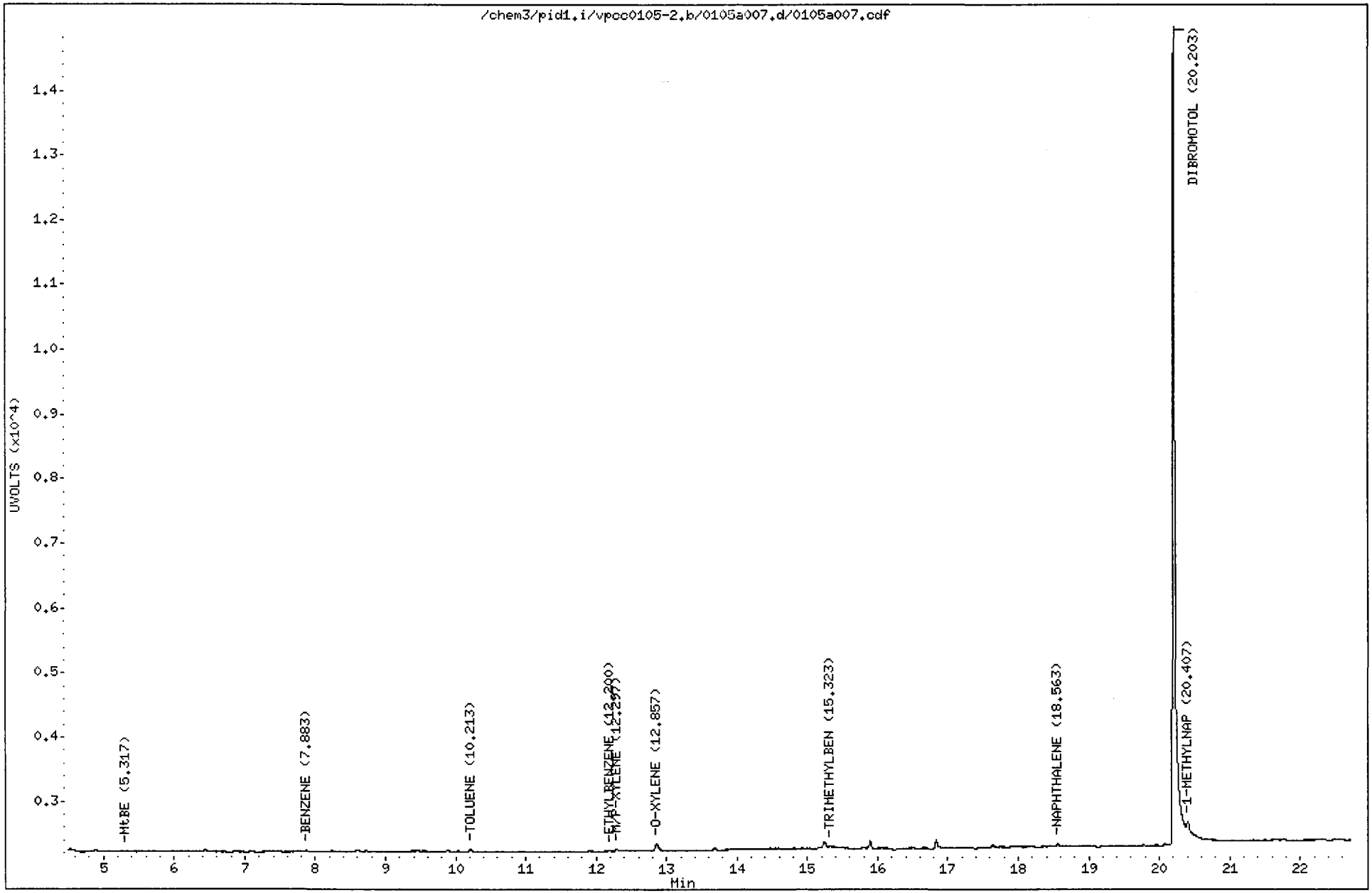
QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /chem3/pid1.i/vpcc0105-2.b/0105a007.d
Date : 05-JAN-2010 17:20
Client ID: BW-04-SS-091218
Sample Info: QC26C

Instrument: pid1.i
Operator: MH
Column phase: RTX 502-2 ARO
Column diameter: 0.18

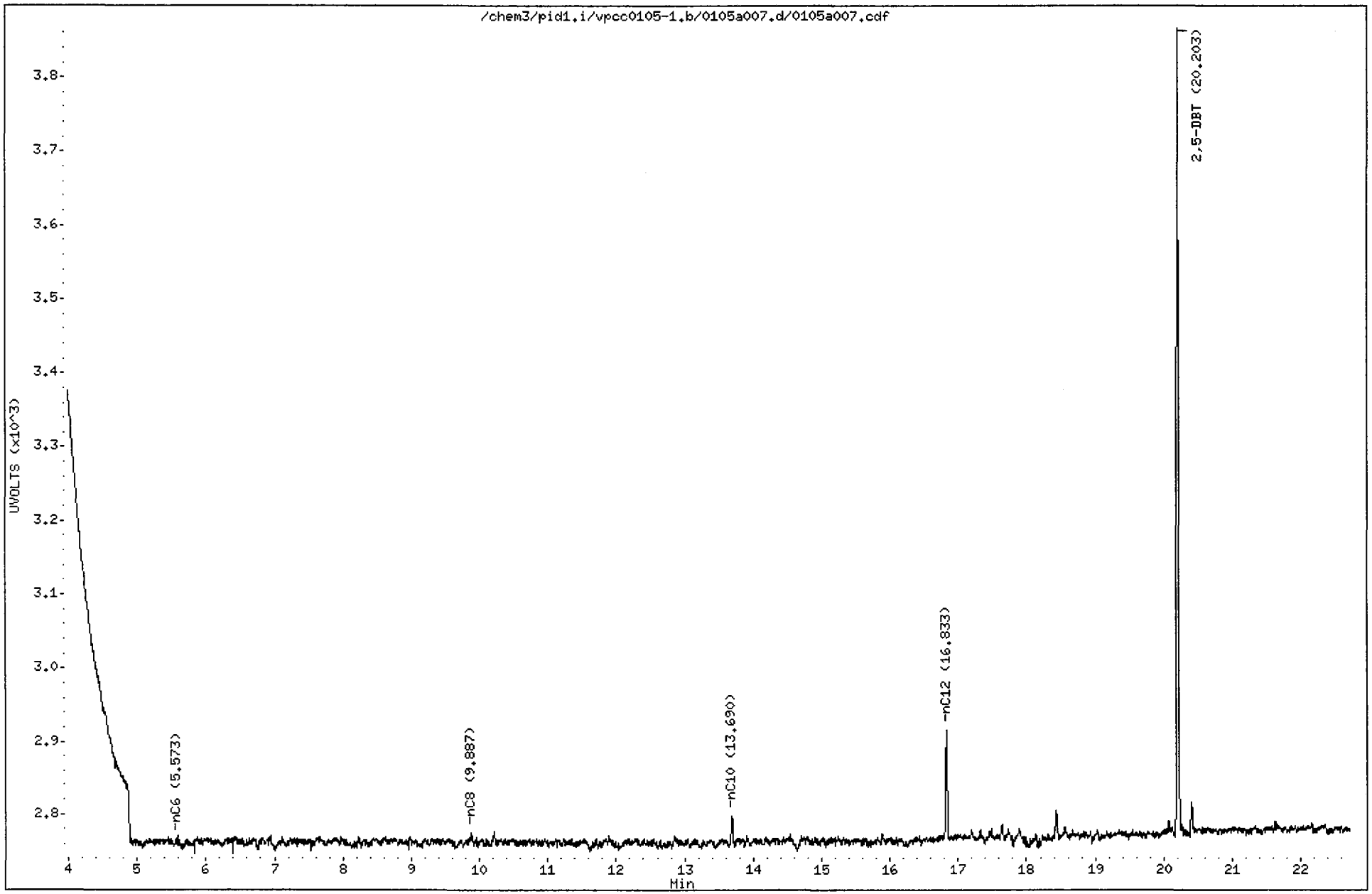
QC26 : 00115



Data File: /chem3/pid1.i/vpcc0105-1.b/0105a007.d
Date : 05-JAN-2010 17:20
Client ID: BW-04-SS-091218
Sample Info: QC26C

Instrument: pid1.i
Operator: MH
Column phase: RTX502-2 ALI
Column diameter: 0.18

QC26 66115



Analytical Resources Inc.
WAVPH Aromatics Report

Data file: /chem3/pid1.i/vpcc0105-2.b/0105a007.d
Method: /chem3/pid1.i/vpcc0105-2.b/VPHARO.m
Instrument: pid1.i
Operator: MH
Macro: 20-MAR-2004

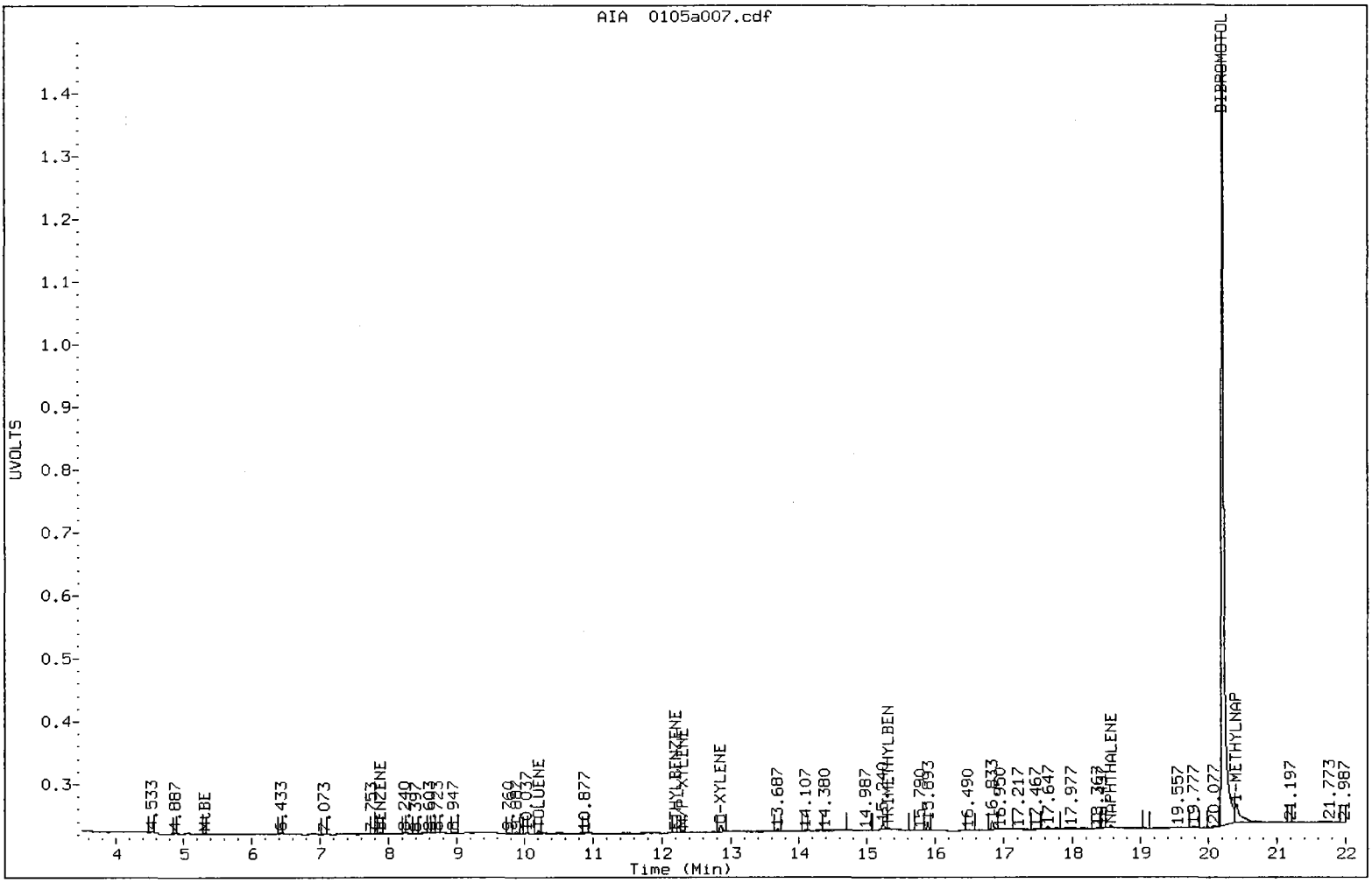
ARI ID: QC26C
Client ID: BW-04-SS-091218
Injection: 05-JAN-2010 17:20
Matrix: SOIL
Dilution Factor: 1

VPH-AROMATIC RESULTS

Compound	RT	Shift	Height	Amount	Range		Total Area	Conc
MtBE	5.317	-0.013	7	0.1	C8-C10	Arom.	1122*	0.4
BENZENE	7.883	-0.003	16	0.0	C10-C12	Arom.	1596	0.8
TOLUENE	10.213	0.000	49	0.0	C12-C13	Arom.	2509	1.8
ETHYLBENZENE	12.200	0.003	13	0.0				
M/P-XYLENE	12.297	0.000	34	0.0				
O-XYLENE	12.857	-0.033	101	0.1				
TRIMETHYLBEN	15.323	0.003	15	0.0				
NAPHTHALENE	18.563	0.003	44	0.2				
1-METHYLNAP	20.407	0.000	299	1.5				
DIBROMOTOL	20.203	0.000	12638	15.6	DBT Recovery: 31.3			

* Indicates surrogate area subtracted

QC26C AROMATIC (PID) SIGNAL



Analytical Resources Inc.
WAVPH Aliphatics Report

Data file: /chem3/pid1.i/vpcc0105-1.b/0105a007.d
Method: /chem3/pid1.i/vpcc0105-1.b/VPHALI.m
Instrument: pid1.i
Operator: MH
Macro: 20-MAR-2004

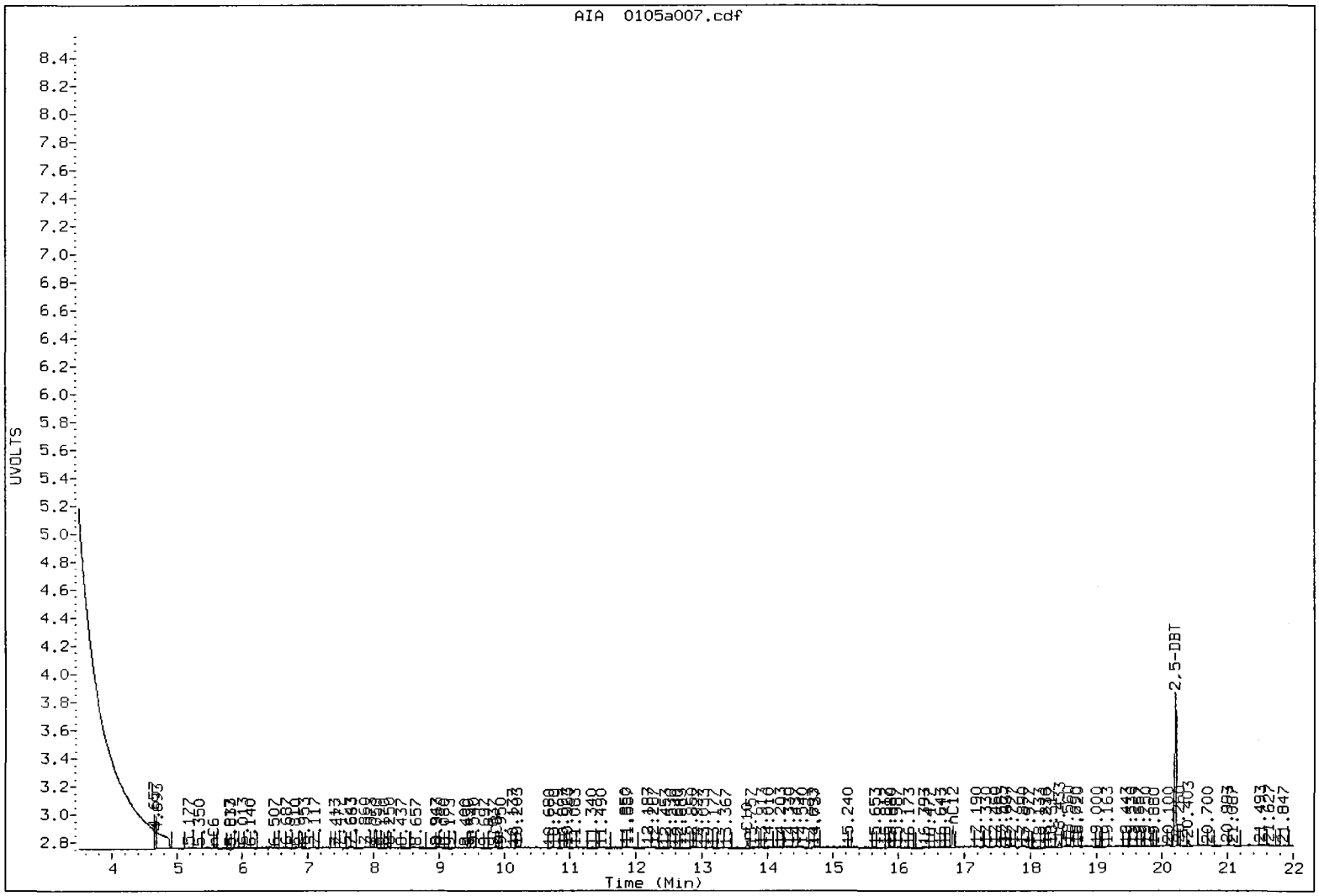
ARI ID: QC26C
Client ID: BW-04-SS-091218
Injection: 05-JAN-2010 17:20
Matrix: SOIL
Dilution Factor: 1

VPH-ALIPHATIC RESULTS

Compound	RT	Shift	Height	Area	Range		Total Area	Conc
nC5	----				C5-C6	Aliph.	1396	4.1
nC6	5.573	-0.013	6	14	C6-C8	Aliph.	817*	2.8
nC8	9.887	0.007	15	19	C8-C10	Aliph.	762	2.4
nC10	13.690	0.000	41	161	C10-C12	Aliph.	681*	1.9
nC12	16.833	0.000	151	249				

* Indicates surrogate area subtracted

QC26C ALIPHATIC (FID) SIGNAL



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH

Sample ID: BW-51-SS-091218
SAMPLE

Lab Sample ID: QC26D
LIMS ID: 09-31264
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed: 12/31/09 10:23
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 24.0 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	2100	< 2,100 U
108-88-3	Toluene	2100	< 2,100 U
100-41-4	Ethylbenzene	2100	< 2,100 U
179601-23-1	m,p-Xylene	4200	< 4,200 U
95-47-6	o-Xylene	2100	< 2,100 U
1634-04-4	Methyl tert-Butyl Ether	2100	< 2,100 U
109-66-0	n-Pentane	2100	< 2,100 U
110-54-3	n-Hexane	2100	< 2,100 U
111-65-9	n-Octane	2100	< 2,100 U
124-18-5	n-Decane	2100	< 2,100 U
112-40-3	n-Dodecane	2100	< 2,100 U

Range	RL	Result
C8-C10 Aromatics	21,000	< 21,000 U
C10-C12 Aromatics	21,000	< 21,000 U
C12-C13 Aromatics	21,000	< 21,000 U
C5-C6 Aliphatics	21,000	< 21,000 U
C6-C8 Aliphatics	21,000	< 21,000 U
C8-C10 Aliphatics	21,000	< 21,000 U
C10-C12 Aliphatics	21,000	< 21,000 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	54.9%
FID: 2,5-Dibromotoluene	58.8%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

MH 1/5/10

Analytical Resources, Inc.

WAVPH-AROMATICS

Data file : /chem3/pid1.i/vpcc1231-2.b/1231a007.d
Lab Smp Id: qc26d
Inj Date : 31-DEC-2009 10:23
Operator : MH Inst ID: pid1.i
Smp Info : qc26d
Misc Info :
Comment :
Method : /chem3/pid1.i/vpcc1231-2.b/VPHARO.m
Meth Date : 04-Jan-2010 12:25 monicah Quant Type: ESTD
Cal Date : 30-DEC-2009 13:07 Cal File: 1230a012.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: waarom.sub
Target Version: 3.50

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
1	MtBE	Compound Not Detected.					
2	BENZENE	7.890	7.890	0.000	40	0.01061	0.0106
4	TOLUENE	10.217	10.220	-0.003	121	0.03541	0.0354
5	ETHYLBENZENE	12.197	12.207	-0.010	20	0.00676	0.00676
6	M/P-XYLENE	12.303	12.313	-0.010	82	0.02364	0.0236
7	O-XYLENE	12.860	12.900	-0.040	679	0.22250	0.222
9	TRIMETHYLBEN	Compound Not Detected.					
10	NAPHTHALENE	18.567	18.567	0.000	112	0.05320	0.0532
11	1-METHYLNAP	20.410	20.413	-0.003	2414	1.77008	1.77
$ 37	DIBROMOTOL	20.207	20.210	-0.003	25311	12.5765	12.6(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Analytical Resources, Inc.

WAVPH-ALIPHATICS

Data file : /chem3/pid1.i/vpcc1231-1.b/1231a007.d
Lab Smp Id: qc26d
Inj Date : 31-DEC-2009 10:23
Operator : MH Inst ID: pid1.i
Smp Info : qc26d
Misc Info : 09-
Comment :
Method : /chem3/pid1.i/vpcc1231-1.b/VPHALI.m
Meth Date : 31-Dec-2009 06:49 monicah Quant Type: ESTD
Cal Date : 30-DEC-2009 13:07 Cal File: 1230a012.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: waaliph.sub
Target Version: 3.50

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/mL)	CONCENTRATIONS FINAL (ug/L)
	1 nC5	Compound Not Detected.					
	2 nC6	5.573	5.583	-0.010	27	0.07565	0.0756
	4 nC8	9.867	9.887	-0.020	46	0.15951	0.160
	5 nC10	13.693	13.703	-0.010	80	0.25733	0.257
	7 nC12	16.837	16.843	-0.006	264	0.74704	0.747
$	8 2,5-DBT	20.207	20.210	-0.003	1576	13.5056	13.5(R)

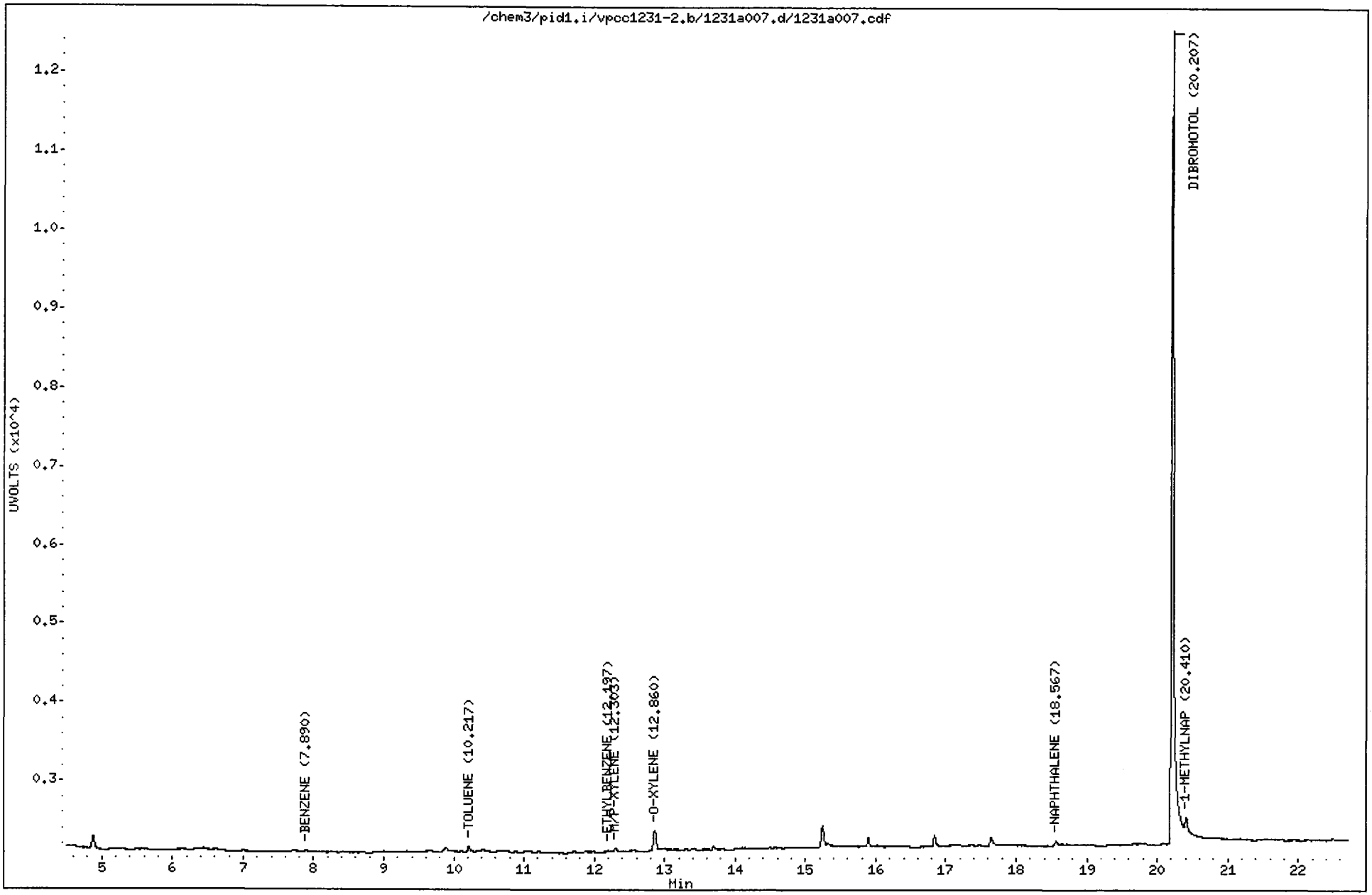
QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /chem3/pid1.i/vpcc1231-2.b/1231a007.d
Date : 31-DEC-2009 10:23
Client ID:
Sample Info: qc26d

Instrument: pid1.i
Operator: MH
Column diameter: 0.18

Column phase: RTX 502-2 ARO

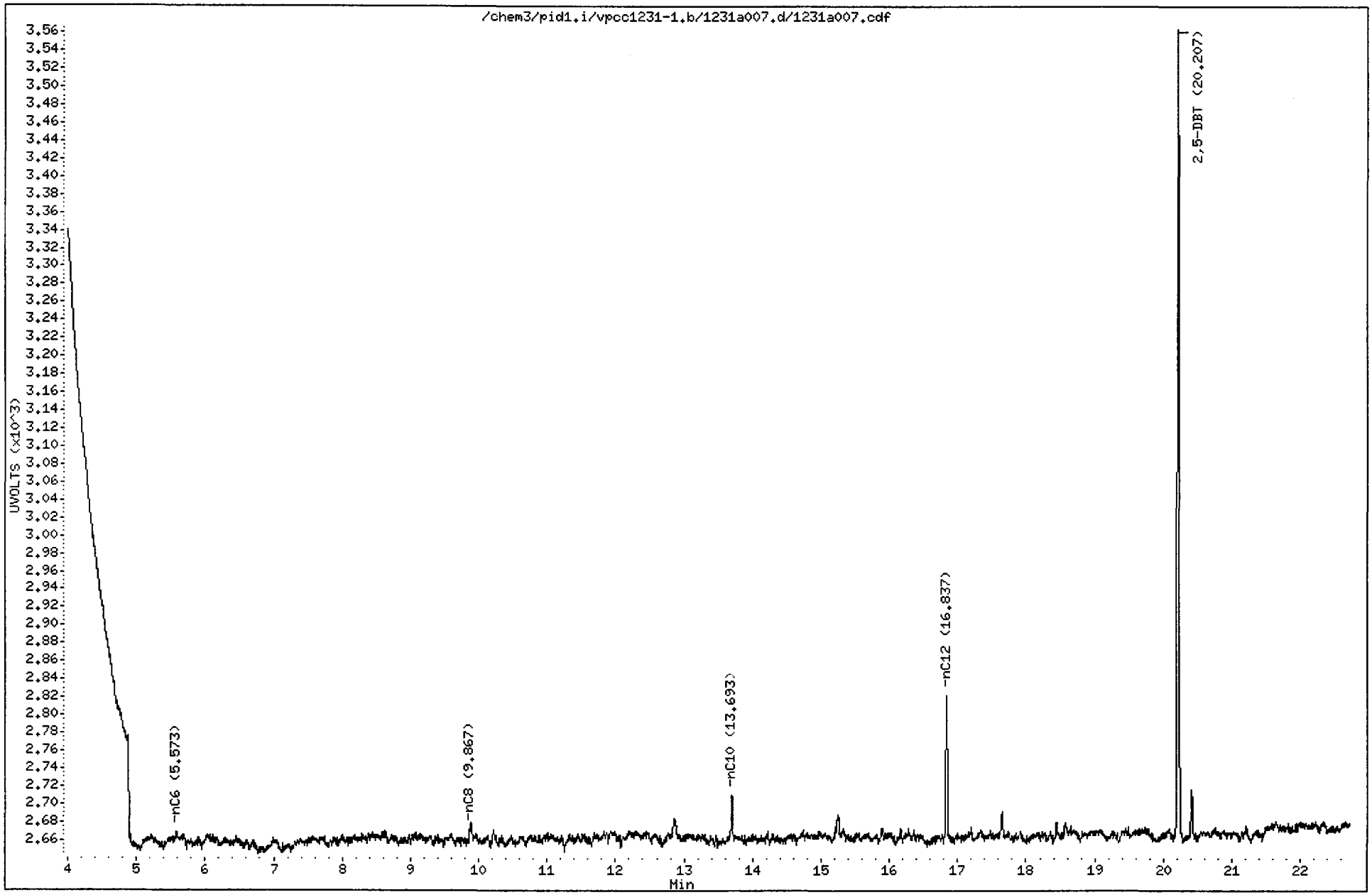


Data File: /chem3/pid1.i/vpcc1231-1.b/1231a007.d
Date : 31-DEC-2009 10:23
Client ID:
Sample Info: qc26d

Instrument: pid1.i
Operator: MH
Column diameter: 0.18

Column phase: RTX502-2 ALI

QC26 : 99123



Analytical Resources Inc.
WAVPH Aromatics Report

Data file: /chem3/pid1.i/vpcc1231-2.b/1231a007.d
Method: /chem3/pid1.i/vpcc1231-2.b/VPHARO.m
Instrument: pid1.i
Operator: MH
Macro: 20-MAR-2004

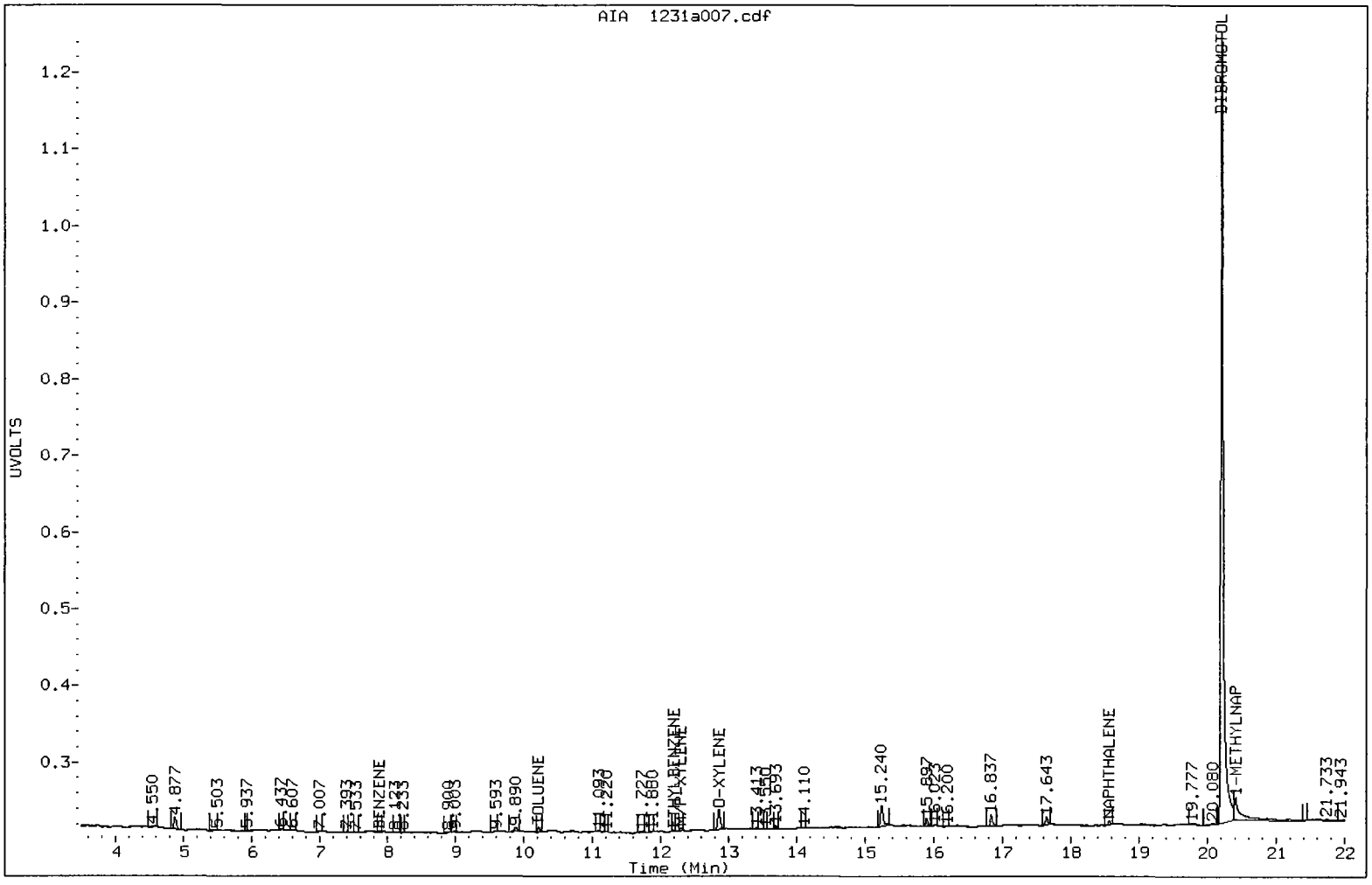
ARI ID: qc26d
Client ID:
Injection: 31-DEC-2009 10:23
Matrix: WATER
Dilution Factor: 1

VPH-AROMATIC RESULTS

Compound	RT	Shift	Height	Amount	Range	Total Area	Conc
MtBE	----				C8-C10 Arom.	1768*	0.7
BENZENE	7.890	0.000	18	0.0	C10-C12 Arom.	910	0.4
TOLUENE	10.217	-0.003	63	0.0	C12-C13 Arom.	2557	1.9
ETHYLBENZENE	12.197	-0.010	13	0.0			
M/P-XYLENE	12.303	-0.010	45	0.0			
O-XYLENE	12.860	-0.040	250	0.2			
TRIMETHYLBEN	----						
NAPHTHALENE	18.567	0.000	53	0.1			
1-METHYLNAP	20.410	-0.003	294	1.8			
DIBROMOTOL	20.207	-0.003	10322	12.6	DBT Recovery: 25.2		

* Indicates surrogate area subtracted

qc26d AROMATIC (PID) SIGNAL



Analytical Resources Inc.
WAVPH Aliphatics Report

Data file: /chem3/pid1.i/vpcc1231-1.b/1231a007.d
Method: /chem3/pid1.i/vpcc1231-1.b/VPHALI.m
Instrument: pid1.i
Operator: MH
Macro: 20-MAR-2004

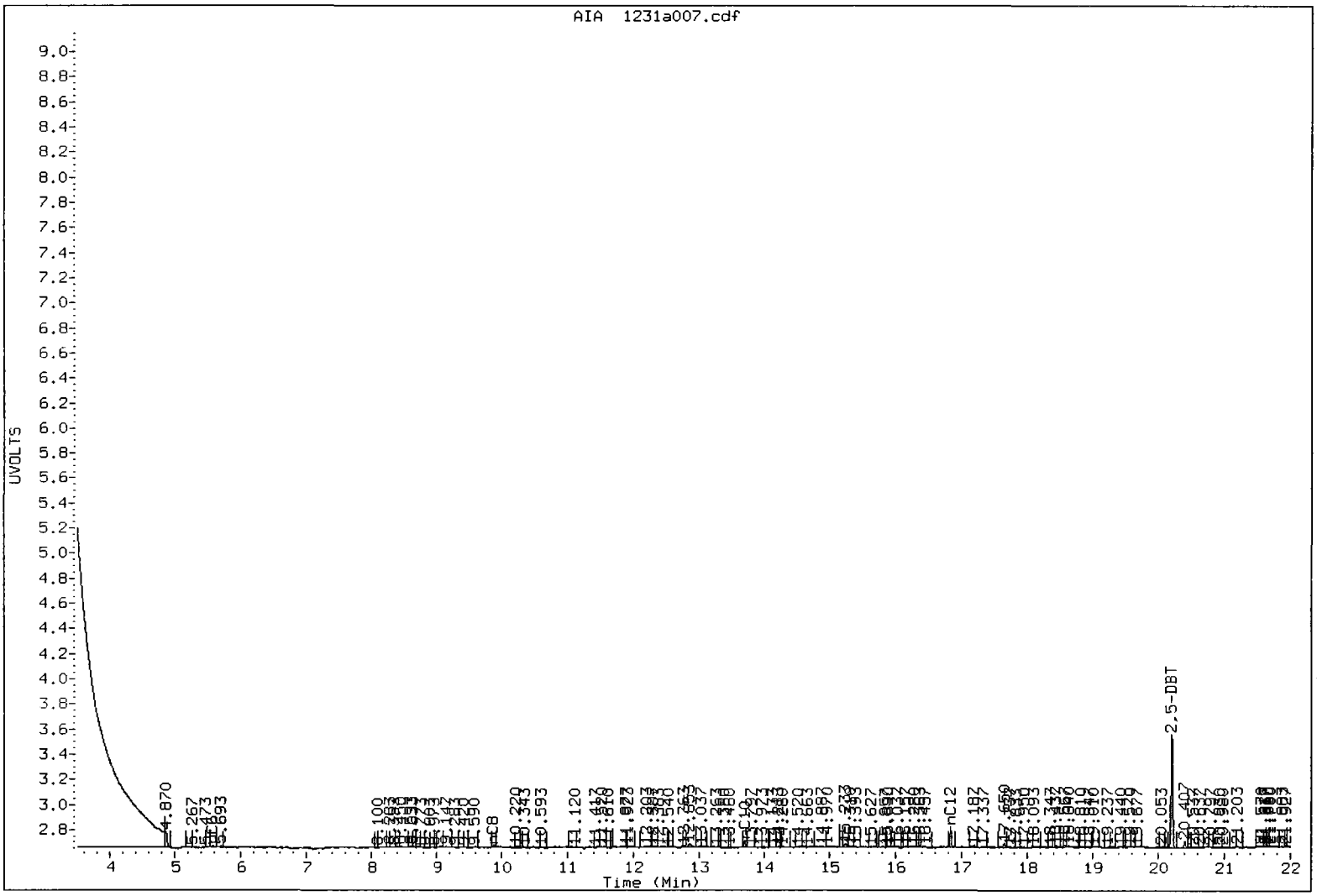
ARI ID: qc26d
Client ID:
Injection: 31-DEC-2009 10:23
Matrix: WATER
Dilution Factor: 1

VPH-ALIPHATIC RESULTS

Compound	RT	Shift	Height	Area	Range		Total Area	Conc
nC5	----				C5-C6	Aliph.	344	1.0
nC6	5.573	-0.010	12	27	C6-C8	Aliph.	352*	1.2
nC8	9.867	-0.020	15	46	C8-C10	Aliph.	652	2.1
nC10	13.693	-0.010	50	80	C10-C12	Aliph.	867*	2.5
nC12	16.837	-0.007	163	264				

* Indicates surrogate area subtracted

qc26d ALIPHATIC (FID) SIGNAL



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH

Sample ID: BW-51-SS-091218
DILUTION

Lab Sample ID: QC26D
LIMS ID: 09-31264
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed: 01/05/10 17:52
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 24.1 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	2100	< 2,100 U
108-88-3	Toluene	2100	< 2,100 U
100-41-4	Ethylbenzene	2100	< 2,100 U
179601-23-1	m,p-Xylene	4100	< 4,100 U
95-47-6	o-Xylene	2100	< 2,100 U
1634-04-4	Methyl tert-Butyl Ether	2100	< 2,100 U
109-66-0	n-Pentane	2100	< 2,100 U
110-54-3	n-Hexane	2100	< 2,100 U
111-65-9	n-Octane	2100	< 2,100 U
124-18-5	n-Decane	2100	< 2,100 U
112-40-3	n-Dodecane	2100	< 2,100 U

Range	RL	Result
C8-C10 Aromatics	21,000	< 21,000 U
C10-C12 Aromatics	21,000	< 21,000 U
C12-C13 Aromatics	21,000	< 21,000 U
C5-C6 Aliphatics	21,000	< 21,000 U
C6-C8 Aliphatics	21,000	< 21,000 U
C8-C10 Aliphatics	21,000	< 21,000 U
C10-C12 Aliphatics	21,000	< 21,000 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	65.7%
FID: 2,5-Dibromotoluene	66.6%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

1/6/10 M.

Analytical Resources, Inc.

WAVPH-AROMATICS

Data file : /chem3/pid1.i/vpcc0105-2.b/0105a008.d
Lab Smp Id: QC26D Client Smp ID: BW-51-SS-091218
Inj Date : 05-JAN-2010 17:52
Operator : MH Inst ID: pid1.i
Smp Info : QC26D
Misc Info : 09-31264
Comment :
Method : /chem3/pid1.i/vpcc0105-2.b/VPHARO.m
Meth Date : 06-Jan-2010 06:54 monicah Quant Type: ESTD
Cal Date : 30-DEC-2009 13:07 Cal File: 1230a012.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: waarom.sub
Target Version: 3.50

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
1 MtBE	5.320	5.330	-0.010	19	0.10013	0.100
2 BENZENE	7.883	7.887	-0.004	16	0.00440	0.00440
4 TOLUENE	10.213	10.213	0.000	129	0.03756	0.0376
5 ETHYLBENZENE	12.203	12.197	0.006	18	0.00623	0.00623
6 M/P-XYLENE	12.300	12.297	0.003	72	0.02066	0.0206
7 O-XYLENE	12.857	12.890	-0.033	385	0.12628	0.126
9 TRIMETHYLBEN	Compound Not Detected.					
10 NAPHTHALENE	18.560	18.560	0.000	146	0.06926	0.0693
11 1-METHYLNAP	20.400	20.407	-0.007	1610	1.18108	1.18
$ 37 DIBROMOTOL	20.203	20.203	0.000	30319	15.0648	15.1(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Analytical Resources, Inc.

WAVPH-ALIPHATICS

Data file : /chem3/pid1.i/vpcc0105-1.b/0105a008.d
Lab Smp Id: QC26D Client Smp ID: BW-51-SS-091218
Inj Date : 05-JAN-2010 17:52
Operator : MH Inst ID: pid1.i
Smp Info : QC26D
Misc Info : 09-31264
Comment :
Method : /chem3/pid1.i/vpcc0105-1.b/VPHALI.m
Meth Date : 06-Jan-2010 06:54 monicah Quant Type: ESTD
Cal Date : 30-DEC-2009 13:07 Cal File: 1230a012.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: waaliph.sub
Target Version: 3.50

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

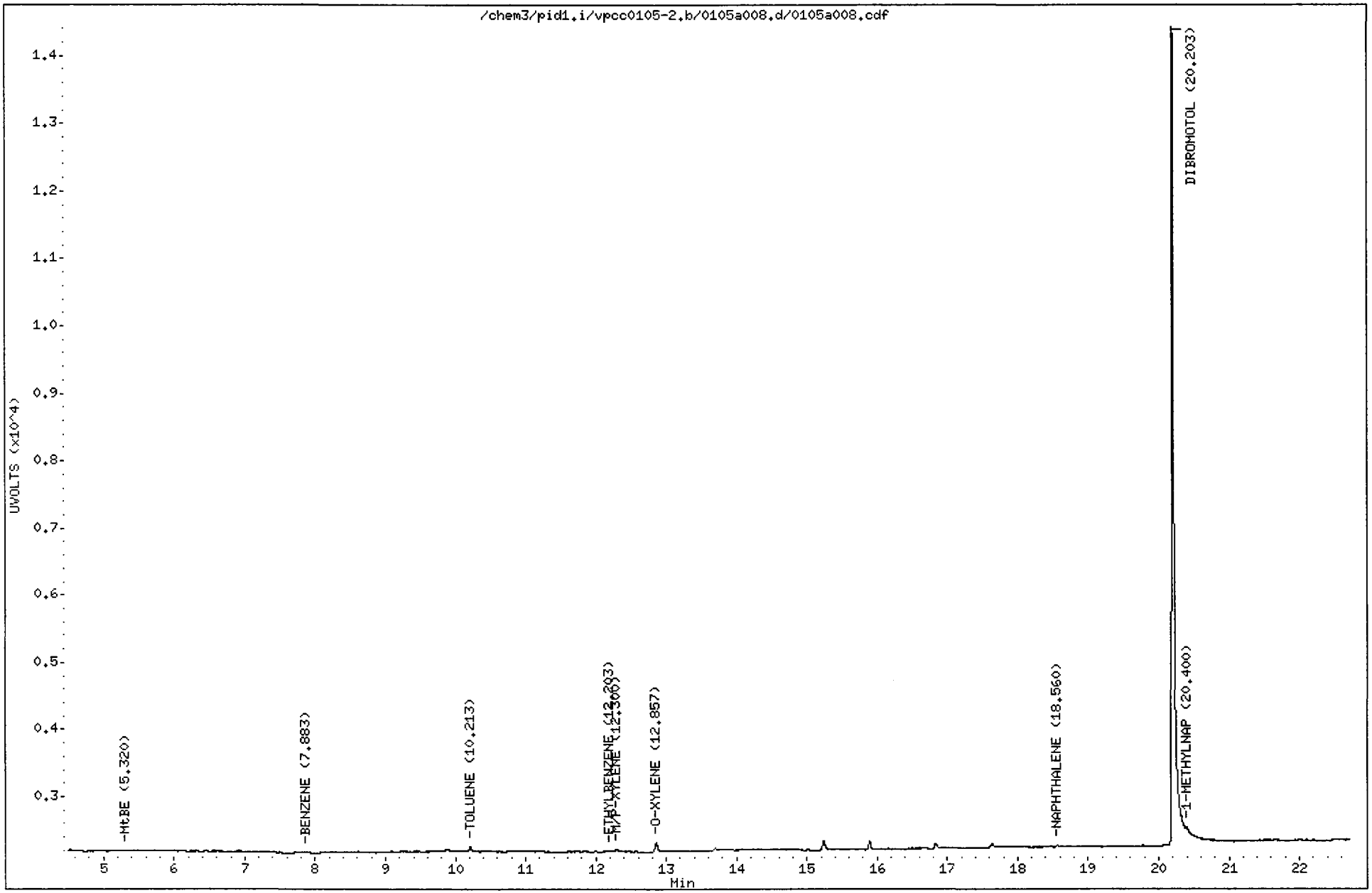
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/mL)	CONCENTRATIONS FINAL (ug/Kg)
1 nC5	Compound Not Detected.					
2 nC6	Compound Not Detected.					
4 nC8	9.863	9.880	-0.017	47	0.16156	0.162
5 nC10	13.693	13.690	0.003	54	0.17261	0.173
7 nC12	16.833	16.833	0.000	147	0.41565	0.416
$ 8 2,5-DBT	20.203	20.203	0.000	1785	15.2946	15.3(RM)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: /chem3/pid1.i/vpcc0105-2.b/0105a008.d
Date : 05-JAN-2010 17:52
Client ID: BW-51-SS-091218
Sample Info: QC26D

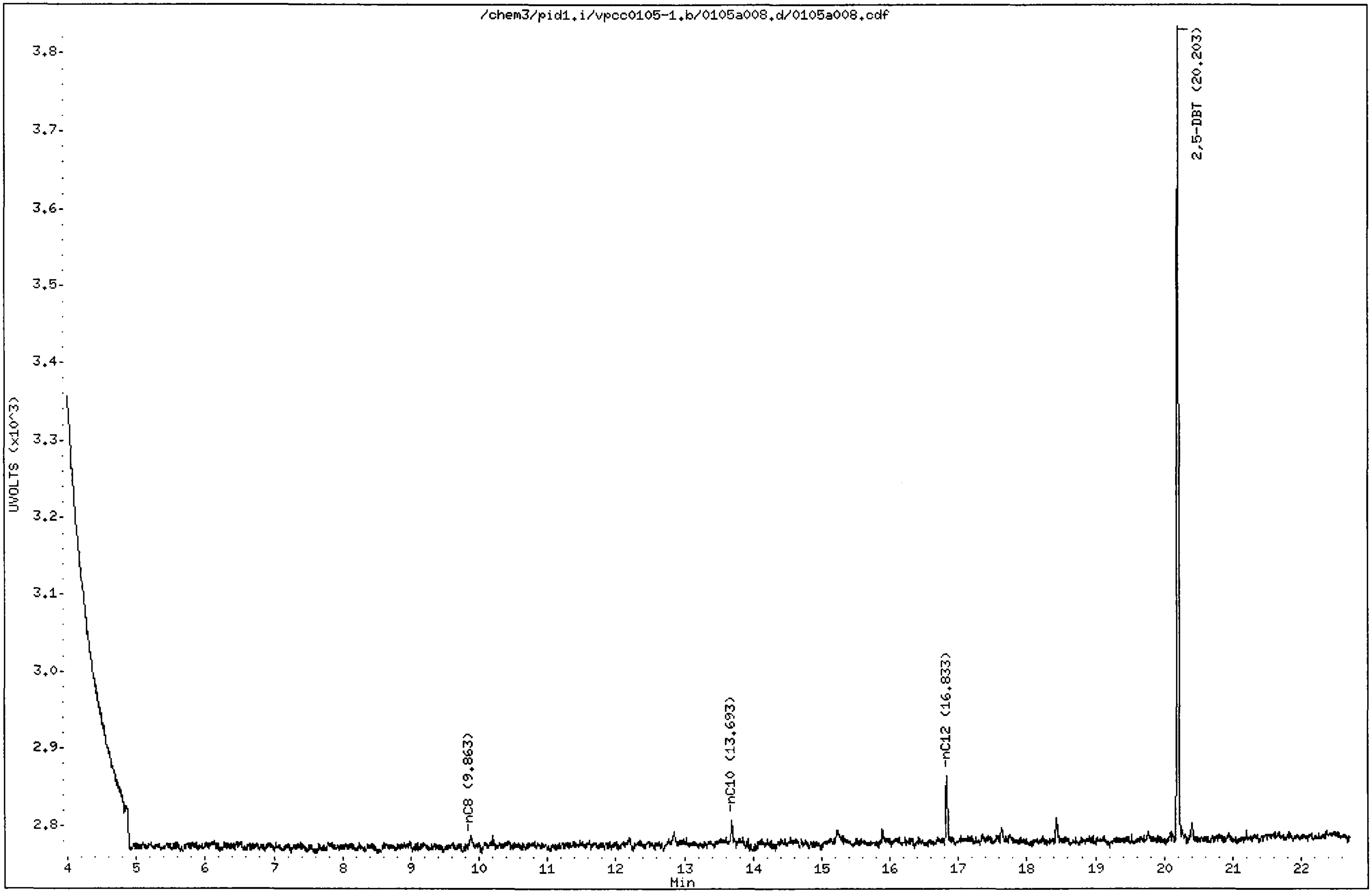
Instrument: pid1.i
Operator: MH
Column phase: RTX 502-2 ARO
Column diameter: 0.18



QC26 00129

Data File: /chem3/pid1.i/vpcc0105-1.b/0105a008.d
Date : 05-JAN-2010 17:52
Client ID: BW-51-SS-091218
Sample Info: QC26D
Column phase: RTX502-2 ALI

Instrument: pid1.i
Operator: MH
Column diameter: 0.18



Analytical Resources Inc.
WAVPH Aromatics Report

Data file: /chem3/pid1.i/vpcc0105-2.b/0105a008.d
Method: /chem3/pid1.i/vpcc0105-2.b/VPHARO.m
Instrument: pid1.i
Operator: MH
Macro: 20-MAR-2004

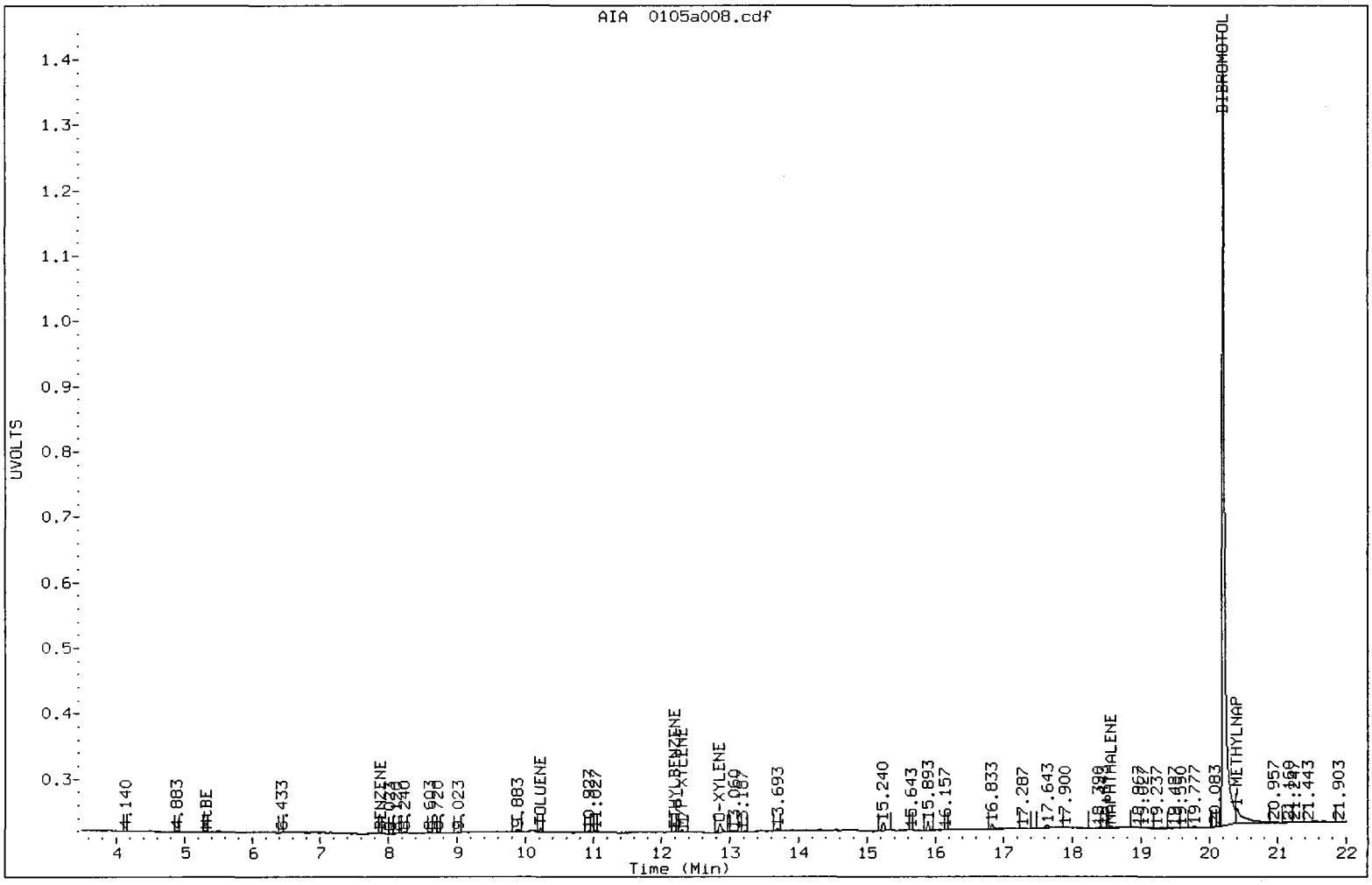
ARI ID: QC26D
Client ID: BW-51-SS-091218
Injection: 05-JAN-2010 17:52
Matrix: SOIL
Dilution Factor: 1

VPH-AROMATIC RESULTS

Compound	RT	Shift	Height	Amount	Range		Total Area	Conc
MtBE	5.320	-0.010	8	0.1	C8-C10	Arom.	968*	0.4
BENZENE	7.883	-0.003	12	0.0	C10-C12	Arom.	1348	0.6
TOLUENE	10.213	0.000	64	0.0	C12-C13	Arom.	2062	1.5
ETHYLBENZENE	12.203	0.007	12	0.0				
M/P-XYLENE	12.300	0.003	33	0.0				
O-XYLENE	12.857	-0.033	130	0.1				
TRIMETHYLBEN	----							
NAPHTHALENE	18.560	0.000	28	0.1				
1-METHYLNAP	20.400	-0.007	209	1.2				
DIBROMOTOL	20.203	0.000	12139	15.1	DBT Recovery:		30.1	

* Indicates surrogate area subtracted

QC26D AROMATIC (PID) SIGNAL



Analytical Resources Inc.
WAVPH Aliphatics Report

Data file: /chem3/pid1.i/vpcc0105-1.b/0105a008.d
Method: /chem3/pid1.i/vpcc0105-1.b/VPHALI.m
Instrument: pid1.i
Operator: MH
Macro: 20-MAR-2004

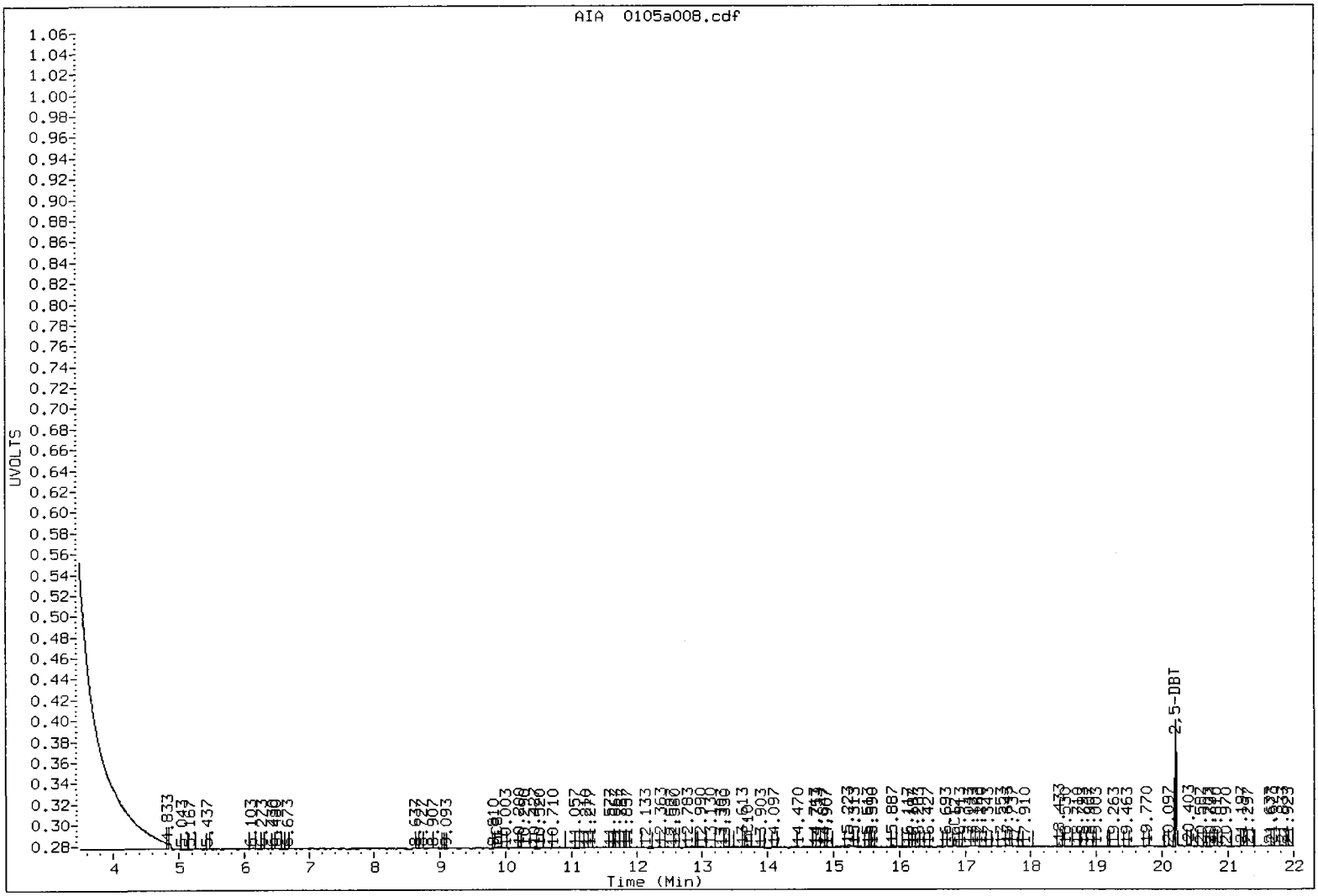
ARI ID: QC26D
Client ID: BW-51-SS-091218
Injection: 05-JAN-2010 17:52
Matrix: SOIL
Dilution Factor: 1

VPH-ALIPHATIC RESULTS

Compound	RT	Shift	Height	Area	Range		Total Area	Conc
nC5	----				C5-C6	Aliph.	122	0.4
nC6	----				C6-C8	Aliph.	236	0.8
nC8	9.863	-0.017	12	47	C8-C10	Aliph.	638	2.0
nC10	13.693	0.003	31	54	C10-C12	Aliph.	567*	1.6
nC12	16.833	0.000	86	147				

* Indicates surrogate area subtracted

QC26D ALIPHATIC (FID) SIGNAL



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH

Sample ID: BW-07-SS-091218
SAMPLE

Lab Sample ID: QC26E
LIMS ID: 09-31265
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed: 12/31/09 10:55
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 35.0 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	1400	< 1,400 U
108-88-3	Toluene	1400	< 1,400 U
100-41-4	Ethylbenzene	1400	< 1,400 U
179601-23-1	m,p-Xylene	2900	< 2,900 U
95-47-6	o-Xylene	1400	< 1,400 U
1634-04-4	Methyl tert-Butyl Ether	1400	< 1,400 U
109-66-0	n-Pentane	1400	< 1,400 U
110-54-3	n-Hexane	1400	< 1,400 U
111-65-9	n-Octane	1400	< 1,400 U
124-18-5	n-Decane	1400	< 1,400 U
112-40-3	n-Dodecane	1400	< 1,400 U

Range	RL	Result
C8-C10 Aromatics	14,000	< 14,000 U
C10-C12 Aromatics	14,000	< 14,000 U
C12-C13 Aromatics	14,000	< 14,000 U
C5-C6 Aliphatics	14,000	< 14,000 U
C6-C8 Aliphatics	14,000	< 14,000 U
C8-C10 Aliphatics	14,000	< 14,000 U
C10-C12 Aliphatics	14,000	< 14,000 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	63.3%
FID: 2,5-Dibromotoluene	65.5%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

1/5/10 MH

Analytical Resources, Inc.

WAVPH-AROMATICS

Data file : /chem3/pid1.i/vpcc1231-2.b/1231a008.d
Lab Smp Id: qc26e
Inj Date : 31-DEC-2009 10:55
Operator : MH Inst ID: pid1.i
Smp Info : qc26e
Misc Info :
Comment :
Method : /chem3/pid1.i/vpcc1231-2.b/VPHARO.m
Meth Date : 04-Jan-2010 12:25 monicah Quant Type: ESTD
Cal Date : 30-DEC-2009 13:07 Cal File: 1230a012.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: waarom.sub
Target Version: 3.50

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
1	MtBE	Compound Not Detected.					
2	BENZENE	7.893	7.890	0.003	23	0.00623	0.00623
4	TOLUENE	10.217	10.220	-0.003	140	0.04075	0.0408
5	ETHYLBENZENE	12.200	12.207	-0.007	30	0.01025	0.0102
6	M/P-XYLENE	12.300	12.313	-0.013	131	0.03770	0.0377
7	O-XYLENE	12.860	12.900	-0.040	480	0.15728	0.157
9	TRIMETHYLBEN	15.327	15.330	-0.003	23	0.00890	0.00890
10	NAPHTHALENE	18.567	18.567	0.000	66	0.03132	0.0313
11	1-METHYLNAP	20.410	20.413	-0.003	1302	0.95528	0.955
$ 37	DIBROMOTOL	20.207	20.210	-0.003	33344	16.5683	16.6(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Analytical Resources, Inc.

WAVPH-ALIPHATICS

Data file : /chem3/pid1.i/vpcc1231-1.b/1231a008.d
Lab Smp Id: qc26e
Inj Date : 31-DEC-2009 10:55
Operator : MH Inst ID: pid1.i
Smp Info : qc26e
Misc Info : 09-
Comment :
Method : /chem3/pid1.i/vpcc1231-1.b/VPHALI.m
Meth Date : 31-Dec-2009 06:49 monicah Quant Type: ESTD
Cal Date : 30-DEC-2009 13:07 Cal File: 1230a012.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: waaliph.sub
Target Version: 3.50

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

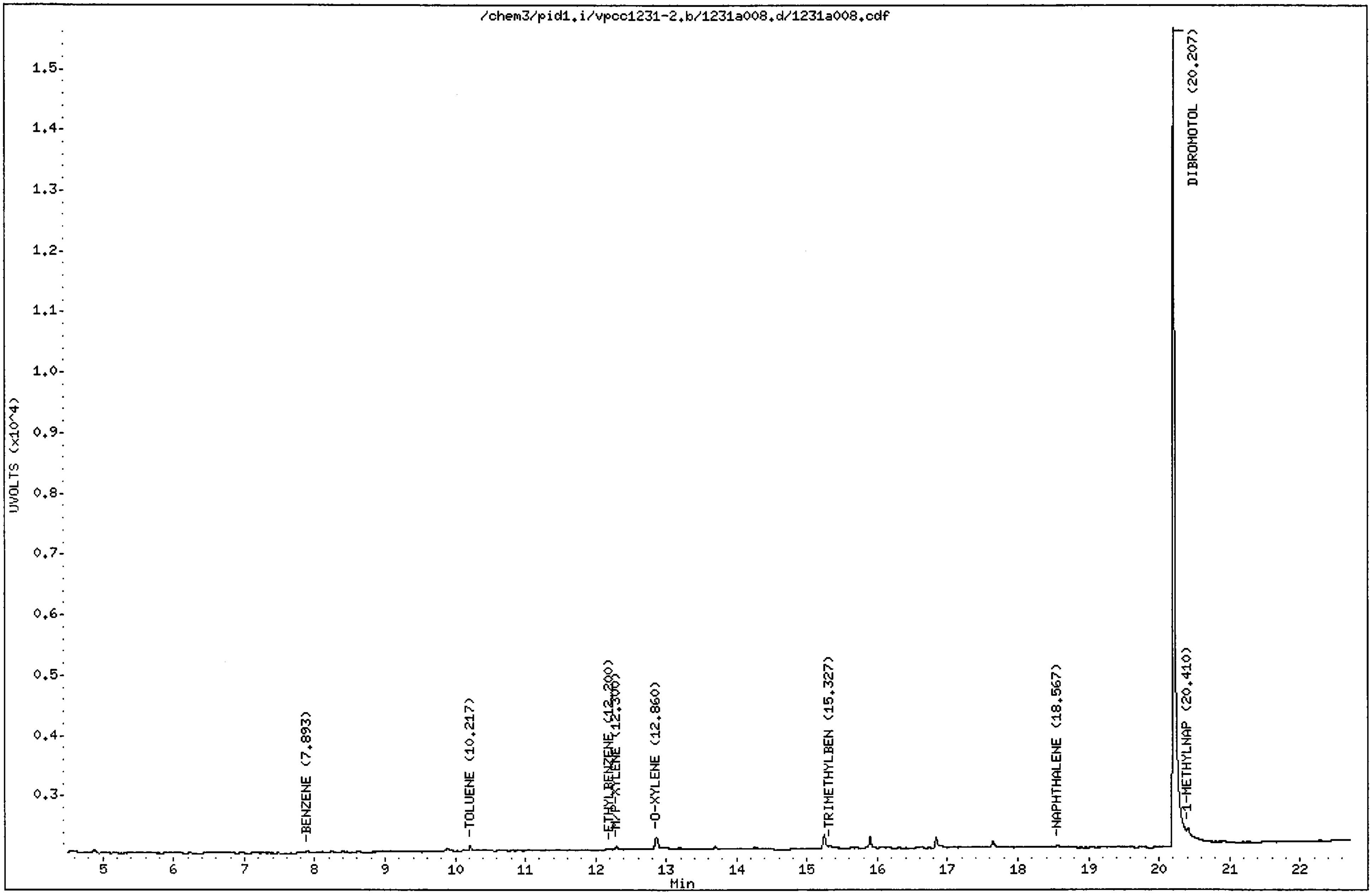
	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/mL)	FINAL (ug/L)
1	nC5	Compound Not Detected.					
2	nC6	5.567	5.583	-0.016	41	0.11485	0.115
4	nC8	9.853	9.887	-0.034	71	0.24303	0.243
5	nC10	13.690	13.703	-0.013	80	0.25733	0.257
7	nC12	16.833	16.843	-0.010	325	0.91896	0.919
$ 8	2,5-DBT	20.207	20.210	-0.003	2013	17.2551	17.2(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /chem3/pid1.i/vpcc1231-2.b/1231a008.d
Date : 31-DEC-2009 10:55
Client ID:
Sample Info: qc26e
Column phase: RTX 502-2 ARO

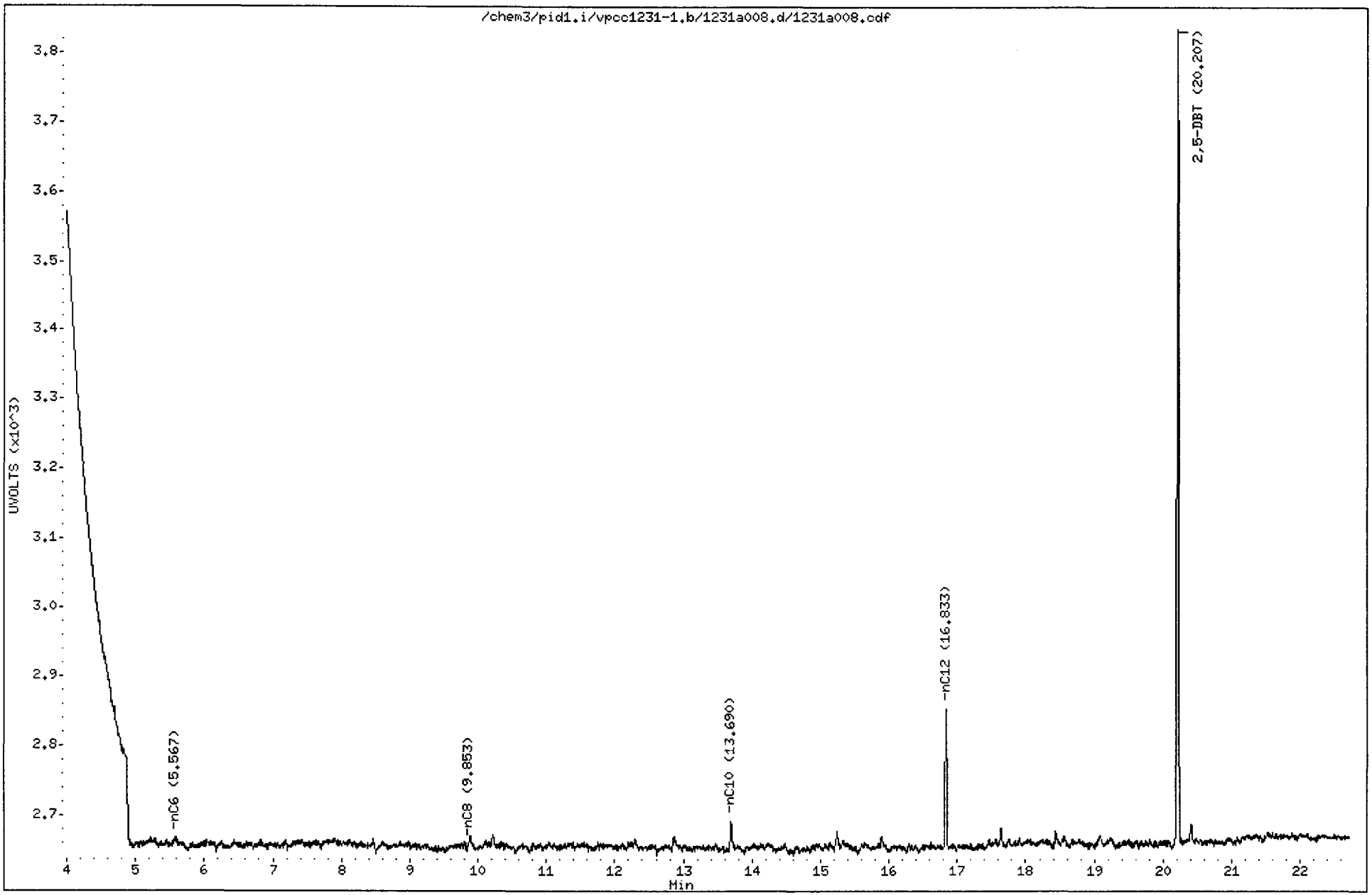
Instrument: pid1.i
Operator: MH
Column diameter: 0.18



Data File: /chem3/pid1.i/vpcc1231-1.b/1231a008.d
Date : 31-DEC-2009 10:55
Client ID:
Sample Info: qc26e

Instrument: pid1.i
Operator: MH
Column diameter: 0.18

Column phase: RTX502-2 ALI



QC26:00137

Analytical Resources Inc.
WAVPH Aromatics Report

Data file: /chem3/pid1.i/vpcc1231-2.b/1231a008.d
Method: /chem3/pid1.i/vpcc1231-2.b/VPHARO.m
Instrument: pid1.i
Operator: MH
Macro: 20-MAR-2004

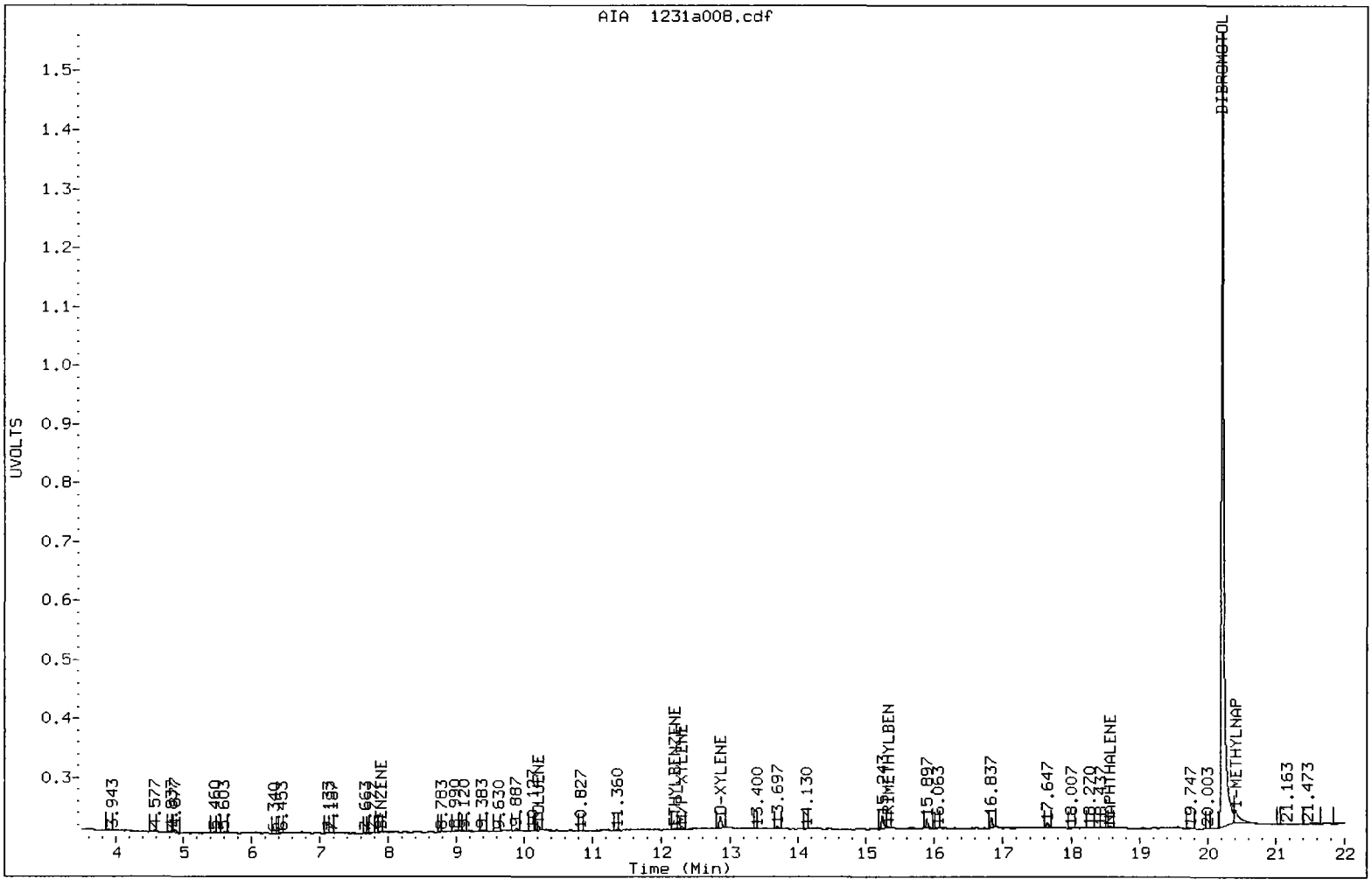
ARI ID: qc26e
Client ID:
Injection: 31-DEC-2009 10:55
Matrix: WATER
Dilution Factor: 1

VPH-AROMATIC RESULTS

Compound	RT	Shift	Height	Amount	Range	Total Area	Conc
MtBE	----				C8-C10 Arom.	1362*	0.5
BENZENE	7.893	0.003	12	0.0	C10-C12 Arom.	1023	0.5
TOLUENE	10.217	-0.003	72	0.0	C12-C13 Arom.	1381	1.0
ETHYLBENZENE	12.200	-0.007	15	0.0			
M/P-XYLENE	12.300	-0.013	57	0.0			
O-XYLENE	12.860	-0.040	178	0.2			
TRIMETHYLBEN	15.327	-0.003	13	0.0			
NAPHTHALENE	18.567	0.000	33	0.0			
1-METHYLNAP	20.410	-0.003	216	1.0			
DIBROMOTOL	20.207	-0.003	13494	16.6	DBT Recovery:	33.1	

* Indicates surrogate area subtracted

qc26e AROMATIC (PID) SIGNAL



Analytical Resources Inc.
WAVPH Aliphatics Report

Data file: /chem3/pid1.i/vpcc1231-1.b/1231a008.d
Method: /chem3/pid1.i/vpcc1231-1.b/VPHALI.m
Instrument: pid1.i
Operator: MH
Macro: 20-MAR-2004

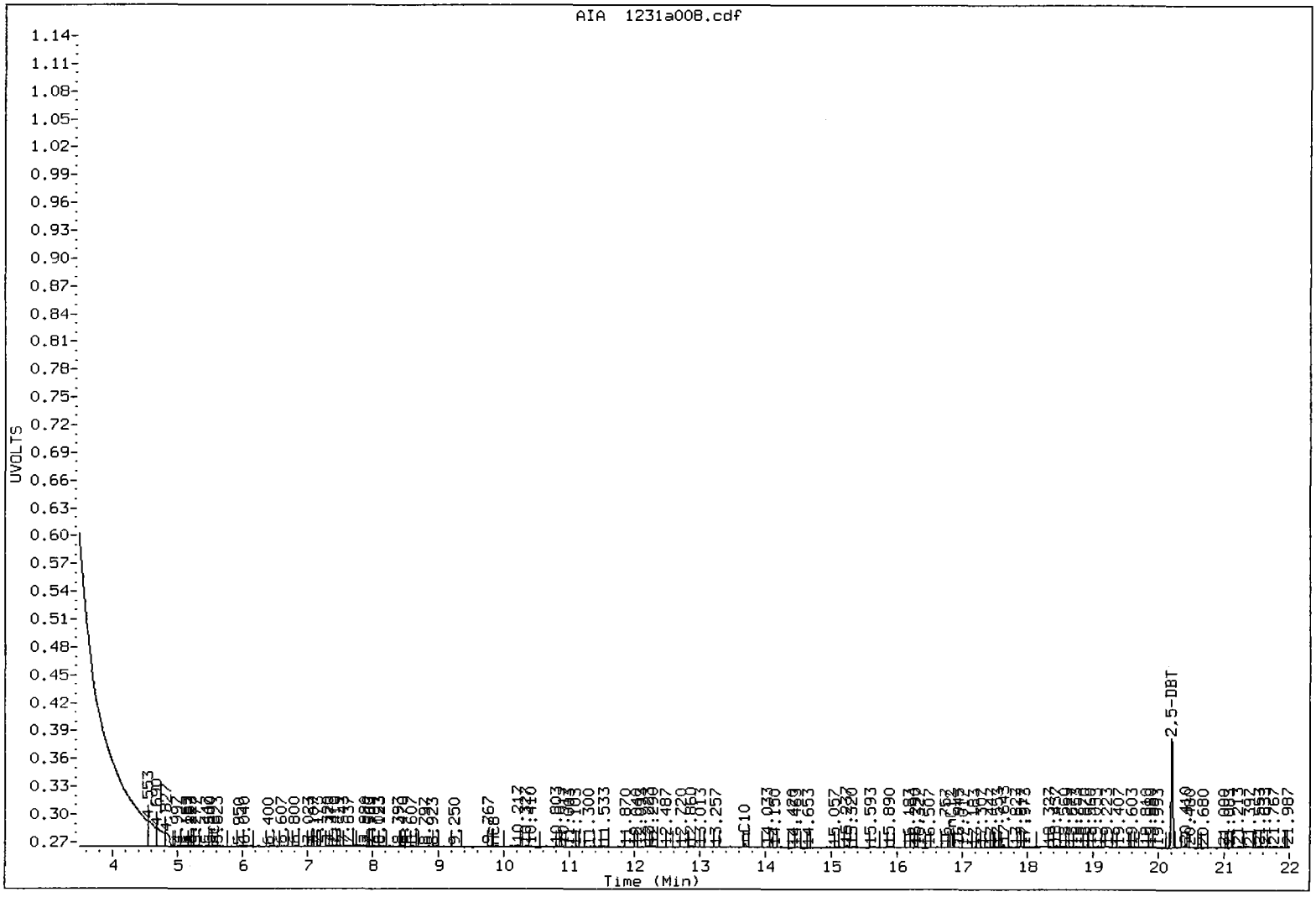
ARI ID: qc26e
Client ID:
Injection: 31-DEC-2009 10:55
Matrix: WATER
Dilution Factor: 1

VPH-ALIPHATIC RESULTS

Compound	RT	Shift	Height	Area	Range		Total Area	Conc
nC5	----				C5-C6	Aliph.	4195	12.3
nC6	5.567	-0.017	12	41	C6-C8	Aliph.	807*	2.8
nC8	9.853	-0.033	8	71	C8-C10	Aliph.	638	2.0
nC10	13.690	-0.013	43	80	C10-C12	Aliph.	763*	2.2
nC12	16.833	-0.010	202	325				

* Indicates surrogate area subtracted

qc26e ALIPHATIC (FID) SIGNAL



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
VPH by Method WA VPH

Sample ID: BW-11-SS-091218
SAMPLE

Lab Sample ID: QC26F
LIMS ID: 09-31266
Matrix: Sediment
Data Release Authorized:
Reported: 01/06/10

QC Report No: QC26-Anchor QEA
Project: BAYWOOD
080547-01
Date Sampled: 12/18/09
Date Received: 12/18/09

Date Analyzed: 12/31/09 11:26
Instrument/Analyst: PID1/MH

Purge Volume: 10 mL
Sample Amount: 27.0 mg-dry-wt

CAS Number	Analyte	RL	Result
71-43-2	Benzene	1900	< 1,900 U
108-88-3	Toluene	1900	< 1,900 U
100-41-4	Ethylbenzene	1900	< 1,900 U
179601-23-1	m,p-Xylene	3700	< 3,700 U
95-47-6	o-Xylene	1900	< 1,900 U
1634-04-4	Methyl tert-Butyl Ether	1900	< 1,900 U
109-66-0	n-Pentane	1900	< 1,900 U
110-54-3	n-Hexane	1900	< 1,900 U
111-65-9	n-Octane	1900	< 1,900 U
124-18-5	n-Decane	1900	< 1,900 U
112-40-3	n-Dodecane	1900	< 1,900 U

Range	RL	Result
C8-C10 Aromatics	19,000	< 19,000 U
C10-C12 Aromatics	19,000	< 19,000 U
C12-C13 Aromatics	19,000	< 19,000 U
C5-C6 Aliphatics	19,000	< 19,000 U
C6-C8 Aliphatics	19,000	< 19,000 U
C8-C10 Aliphatics	19,000	< 19,000 U
C10-C12 Aliphatics	19,000	< 19,000 U

Values reported in µg/kg (ppb)

VPH Surrogate Recovery

PID: 2,5-Dibromotoluene	44.1%
FID: 2,5-Dibromotoluene	22.0%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

MH 1/5/10

Analytical Resources, Inc.

WAVPH-AROMATICS

Data file : /chem3/pid1.i/vpcc1231-2.b/1231a009.d
Lab Smp Id: qc26f
Inj Date : 31-DEC-2009 11:26
Operator : MH Inst ID: pid1.i
Smp Info : qc26f
Misc Info :
Comment :
Method : /chem3/pid1.i/vpcc1231-2.b/VPHARO.m
Meth Date : 04-Jan-2010 12:25 monicah Quant Type: ESTD
Cal Date : 30-DEC-2009 13:07 Cal File: 1230a012.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: waarom.sub
Target Version: 3.50

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
1	MtBE	Compound Not Detected.					
2	BENZENE	7.897	7.890	0.007	32	0.00862	0.00862
4	TOLUENE	10.217	10.220	-0.003	118	0.03442	0.0344
5	ETHYLBENZENE	12.203	12.207	-0.004	31	0.01052	0.0105
6	M/P-XYLENE	12.303	12.313	-0.010	104	0.03001	0.0300
7	O-XYLENE	12.860	12.900	-0.040	422	0.13823	0.138
9	TRIMETHYLBEN	Compound Not Detected.					
10	NAPHTHALENE	18.567	18.567	0.000	114	0.05433	0.0543
11	1-METHYLNAP	20.407	20.413	-0.006	1904	1.39589	1.40
$ 37	DIBROMOTOL	20.210	20.210	0.000	21233	10.5504	10.6(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Analytical Resources, Inc.

WAVPH-ALIPHATICS

Data file : /chem3/pid1.i/vpcc1231-1.b/1231a009.d
Lab Smp Id: qc26f
Inj Date : 31-DEC-2009 11:26
Operator : MH Inst ID: pid1.i
Smp Info : qc26f
Misc Info : 09-
Comment :
Method : /chem3/pid1.i/vpcc1231-1.b/VPHALI.m
Meth Date : 31-Dec-2009 06:49 monicah Quant Type: ESTD
Cal Date : 30-DEC-2009 13:07 Cal File: 1230a012.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: waaliph.sub
Target Version: 3.50

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/mL)	FINAL (ug/L)
1	nC5	Compound Not Detected.					
2	nC6	Compound Not Detected.					
4	nC8	Compound Not Detected.					
5	nC10	13.690	13.703	-0.013	22	0.07038	0.0704
7	nC12	16.837	16.843	-0.006	202	0.57201	0.572
$ 8	2,5-DBT	20.207	20.210	-0.003	619	5.30557	5.30(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /chem3/pid1.i/vpcc1231-2.b/1231a009.d
Date : 31-DEC-2009 11:26
Client ID:
Sample Info: qc26f

Instrument: pid1.i
Operator: MH
Column phase: RTX 502-2 ARO
Column diameter: 0.18