APPENDIX B

2007 AND 2008 SUPPLEMENTAL SEDIMENT CHEMISTRY AND BIOLOGICAL TESTING DATA

FORMER SCOTT PAPER MILL SITE
ANACORTES, WASHINGTON

Prepared for

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Port of Anacortes

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1 INTRODUCTION

The Kimberly-Clark Corporation (K-C), the Port of Anacortes (Port), and MJB Properties (MJB) conducted an integrated Remedial Investigation/Feasibility Study (RI/FS) at the former Scott Paper Mill Site (Site) in Anacortes, Washington. Supplemental sediment sampling and chemical/bioassay analyses were designed to address RI/FS and Cleanup Action Plan (CAP) data gaps for determining sediment remedial action boundaries. Data collection was conducted in 2007 and 2008 in accordance with their respective Sampling and Analysis Plans and Quality Assurance Project Plans (SAP and QAPP; Anchor 2007 and 2008). The results described in this document (submitted as Appendix B to the Draft CAP) include both 2007 and 2008 sediment sampling data to verify delineation of the nature and extent of contamination in the Marine Area and to determine the appropriate scope of remedial actions to minimize the potential for adverse impacts to human health and the environment.

2 SUMMARY OF SEDIMENT TEST RESULTS

Chemical analyses of sediment samples were performed at Analytical Resources, Inc. (ARI), in Tukwila, Washington, according to procedures specified in the SAPs. Bioassay analyses were performed at Newfields Northwest, L.L.C. in Port Gamble, Washington. Sampling locations are depicted in Figure B-1. Tables B-1 and B-2 present the sediment chemistry analytical results for the 2007 and 2008 sampling events, respectively. Table B-3 presents bioassay results performed for both 2007 and 2008 sampling events. These results are compared to the Sediment Quality Standards (SQS; Chapter 173-204 WAC) criteria in sediments and the results that exceed criteria are highlighted. Appendix B-1 contains the chemistry reports, Appendix B-2 contains the bioassay reports, and Appendix B-3 contains the data validation reviews of the chemistry results.

2.1 2007 Chemistry Results

The samples collected in 2007 were analyzed and screened for all SMS criteria. Porewater ammonia concentrations ranged from 0.9 milligrams per liter (mg/L) to 16.3 mg/L. Porewater sulfide concentrations ranged from 14 mg/L to 43 mg/L. Three samples were not tested for porewater sulfides and one of the samples was not tested for porewater ammonia due to insufficient porewater sample volume. Total chromium, copper, lead, nickel, and zinc were detected in all bulk samples. Mercury was detected in eight samples and arsenic was detected in sample AN-SS-04. Antimony and silver were not detected in any samples. The mercury result for sample AN-SS-09 exceeded the SMS Cleanup Screening Level (CSL). The CSL value for mercury is 0.59 milligrams per kilogram (mg/kg; dry weight basis). The sample result was 3.24 mg/kg. Semivolatile organic compounds were detected in all samples below screening levels. PCBs were detected in nine samples and exceeded SMS Sediment Quality Standards (SQS) levels in two of these samples. Sample results for AN-SED-10 and AN-SED-11 were 21.5 mg/kg organic carbon (OC) and 19.1 mg/kg-OC, respectively. The SQS value for total PCBs is 12 mg/kg-OC. The samples were below the CSL value of 65 mg/kg-OC.

2.2 2008 Chemistry Results

Samples collected in 2008 were analyzed for grain size and conventional parameters only. Porewater ammonia concentrations ranged from 6.26 mg/L to 14.7 mg/L. Porewater sulfide concentrations ranged from 3.76 mg/L to 33.8 mg/L.

2.3 2007 Bioassay Results

Three bioassay tests were performed on all samples: benthic chronic abundance test, amphipod acute toxicity test, and *Mytilus* larvae acute toxicity test. Three samples (AN-SS-02, -07, and -10) passed SQS biological criteria for all bioassay tests for the samples collected in 2007. Sample AN-SS-01 exceeded CSL biological criteria for the benthic chronic abundance test and exceeded SQS criteria but was below CSL biological criteria for the amphipod acute toxicity test. This sample was below screening criteria for the *Mytilus* larvae acute toxicity test. Sample AN-SS-03 exceeded SQS criteria but was below CSL biological criteria for the amphipod acute toxicity test and passed screening criteria for the other two bioassay tests. Sample AN-SS-11 exceeded CSL criteria for the *Mytilus* larvae acute toxicity test and passed criteria for the remaining two tests.

2.4 2008 Bioassay Results

The same bioassay testing was performed on the 2008 samples as the 2007 samples with the exception that the *Neanthes* chronic growth test was performed in place of the benthic chronic abundance test. Four samples (AN-SB-01, -02, -03, and -06) passed SQS biological criteria for all tests for samples collected in 2008 and all samples passed the amphipod acute toxicity test. Samples AN-SB-04 and AN-SB-05 exceeded SQS criteria but passed CSL criteria for the *Neanthes* chronic growth test and the *Mytilus* larvae acute toxicity test, respectively. Sample AN-SB-07 exceeded CSL criteria for the *Mytilus* larvae acute toxicity test. These samples passed SQS criteria for the remaining two tests.

3 REFERENCES

Anchor Environmental, L.L.C. (Anchor). 2008. Sampling and Analysis Plan and Quality Assurance Project Plan for Former Scott Paper Mill Site. August.

Anchor Environmental, L.L.C. (Anchor). 2007. Sampling and Analysis Plan and Quality Assurance Project Plan for Former Scott Paper Mill Site. August.

TABLES

Table B-1
Sediment Physical and Chemical Data Summary: 2007 Samples

Parameters	Units	Sample Station / Sample ID / Sample Date — SMS SQS	SMS CSL	AN-SED-01 AN-SS-01 9/27/2007	AN-SED-02 AN-SS-02 9/27/2007	AN-SED-03 AN-SS-03 9/28/2007	AN-SED-04 AN-SS-04 9/28/2007	AN-SED-05 AN-SS-05 9/27/2007	AN-SED-06 AN-SS-06 9/28/2007	AN-SED-07 AN-SS-07 9/28/2007	AN-SED-08 AN-SS-08 9/27/2007	AN-SED-09 AN-SS-09 9/27/2007	AN-SED-10 AN-SS-10 9/28/2007	AN-SED-11 AN-SS-11 9/28/2007	AN-SED-REF-01 AN-SS-REF-01 9/28/2007
Conventionals															
Gravel	%	--	--	**26**	**7**	**4**	**42**	**4**	**51**	**7**	**4**	**57**	**43**	**6**	**0**
Sand	%	--	--	**42**	**68**	**80**	**48**	**89**	**48**	**82**	**89**	**43**	**46**	**77**	**90**
Silt	%	--	--	**24**	**16**	**12**	**6**	**4**	**0**	**9**	**5**	**0**	**8**	**13**	**7**
Clay	%	--	--	**8**	**9**	**4**	**4**	**3**	**0**	**3**	**3**	**0**	**3**	**4**	**4**
Fines	%	--	--	**32**	**25**	**16**	**10**	**7**	**1**	**12**	**7**	**0**	**11**	**17**	**10**
Wood volume	%	--	--	**38**	**34**	**75**	**5**	**55**	**< 5**	**5**	**80**	**67**	**5**	**34**	**< 5**
Porewater ammonia	mg-N/L	--	--	**8.1**	**7.4**	**9.8**	**0.9**	**16.3**	**10.0**	**13.0**	--	**8.5**	**13.1**	**2.3**	**6.1**
Porewater sulfide	mg/L	--	--	**26**	**34**	**23**	--	**43**	**14**	**39**	--	--	**44**	**30**	--
Total volatile solids	%	--	--	**17.0**	**7.8**	**3.8**	**9.0**	**6.4**	**16.6**	**2.5**	**1.4**	**11.0**	**2.0**	**9.7**	--
Total organic carbon	%	--	--	**1.43 J**	**4.84 J**	**2.53 J**	**6.13 J**	**2.42 J**	**1.40 J**	**1.35 J**	**1.75 J**	**3.99 J**	**1.07 J**	**1.15 J**	**0.951 J**
Total solids	%	--	--	**61.4**	**53.8**	**67.2**	**66.9**	**61.7**	**75.7**	**70.2**	**60.8**	**74.7**	**74.9**	**66.4**	**74.2**
Metals															
Antimony	mg/kg	--	--	9 U	9 U	7 U	20 U	8 U	7 U	7 U	8 U	6 U	7 U	8 U	--
Arsenic	mg/kg	57	93	9 U	9 U	7 U	**20**	8 U	7 U	7 U	8 U	6 U	7 U	8 U	--
Cadmium	mg/kg	5.1	6.7	**0.9**	**0.9**	**0.4**	0.8 U	**0.5**	**0.3**	**0.4**	**0.7**	**0.3**	**0.5**	**0.5**	--
Chromium	mg/kg	260	270	**20**	**20**	**12**	**42**	**14**	**34**	**15**	**41**	**35**	**18**	**26**	--
Copper	mg/kg	390	390	**26**	**153**	**58**	**215**	**138**	**46**	**70**	**106**	**59**	**42**	**38**	--
Lead	mg/kg	450	530	**8**	**33**	**6**	**388**	**39**	**136**	**15**	**61**	**117**	**9**	**26**	--
Mercury	mg/kg	0.41	0.59	0.07 U	**0.19**	0.07 U	**0.31**	0.06 U	**0.28**	**0.14**	**0.36**	**3.24**	**0.12**	**0.15**	--
Nickel	mg/kg	--	--	**14**	**16**	**10**	**46**	**10**	**23**	**13**	**55**	**38**	**18**	**19**	--
Silver	mg/kg	6.1	6.1	0.5 U	0.6 U	0.4 U	1 U	0.5 U	0.4 U	0.4 U	0.5 U	0.4 U	0.4 U	0.5 U	--
Zinc	mg/kg	410	960	**45**	**65**	**30**	**267**	**33**	**65**	**35**	**106**	**122**	**37**	**48**	--
Aromatic Hydrocarbons															
Total LPAH	mg/kg-OC	370	780	**13**	**7.6**	**3.4**	**0.55**	**1.7**	**1.9**	**2.1**	**86**	**21**	1.87 U	**63**	--
Naphthalene	mg/kg-OC	99	170	**7.0**	**1.5**	**1.5**	0.33 U	0.83 U	1.43 U	1.48 U	**7.4**	**1.3**	1.87 U	**8.7**	--
Acenaphthylene	mg/kg-OC	66	66	1.4 U	**0.48**	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	**4.6**	0.50 U	1.87 U	**2.8**	--
Acenaphthene	mg/kg-OC	16	57	1.4 U	0.41 U	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	**3.1**	**1.8**	1.87 U	**2.8**	--
Fluorene	mg/kg-OC	23	79	1.4 U	**0.45**	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	**7.4**	**2.5**	1.87 U	**4.3**	--
Phenanthrene	mg/kg-OC	100	480	**6.3**	**4.3**	**1.9**	**0.55**	**1.7**	**1.9**	**2.1**	**51**	**13**	1.87 U	**37**	--
Anthracene	mg/kg-OC	220	1,200	1.4 U	**0.85**	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	**13**	**3.3**	1.87 U	**8.0**	--
2-Methylnaphthalene	mg/kg-OC	38	64	1.4 U	**0.50**	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	**4.0**	**3.5**	1.87 U	**2.7**	--
Total HPAH	mg/kg-OC	960	5,300	**32**	**17**	**6.9**	**1.7**	**20**	**10.0**	**3.0**	**299**	**52**	**5.4**	**215**	--
Fluoranthene	mg/kg-OC	160	1,200	**13**	**7.0**	**2.8**	**0.72**	**11**	**2.9**	**3.8**	**69**	**17**	**3.2**	**73**	--
Pyrene	mg/kg-OC	1,000	1,400	**8.4**	**3.5**	**2.4**	**0.54**	**3.5**	**1.8**	**3.0**	**80**	**11**	**2.2**	**48**	--
Benzo(a)anthracene	mg/kg-OC	110	270	**1.8**	**1.2**	0.79 U	0.33 U	**1.2**	**1.6**	1.48 U	**30**	**4.0**	1.87 U	**17**	--
Chrysene	mg/kg-OC	110	460	**2.8**	**1.6**	**0.87**	**0.42**	**1.4**	**2.1**	1.48 U	**40**	**5.5**	1.87 U	**22**	--
Total Benzofluoranthenes	mg/kg-OC	230	450	**4.5**	**2.9**	**0.87**	0.33 U	**2.4**	**1.6**	1.48 U	**43**	**8.5**	1.87 U	**30**	--
Benzo(a)pyrene	mg/kg-OC	99	210	**2.0**	**1.5**	0.79 U	0.33 U	**1.2**	1.43 U	1.48 U	**26**	**3.8**	1.87 U	**15**	--
Indeno(1,2,3-cd)pyrene	mg/kg-OC	34	88	1.4 U	**0.60**	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	**5.7**	**1.1**	1.87 U	**5.7**	--
Dibenzo(a,h)anthracene	mg/kg-OC	12	33	1.4 U	0.41 U	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	**2.1**	0.50 U	1.87 U	**2.3**	--
Benzo(g,h,i)perylene	mg/kg-OC	31	78	1.4 U	**0.56**	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	**3.5**	**0.68**	1.87 U	**3.7**	--
Chlorinated Benzenes															
1,2-Dichlorobenzene	mg/kg-OC	2.3	2.3	1.4 U	0.41 U	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	1.14 U	0.50 U	1.87 U	1.74 U	--
1,3-Dichlorobenzene	mg/kg-OC	--	--	1.4 U	0.41 U	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	1.14 U	0.50 U	1.87 U	1.74 U	--
1,4-Dichlorobenzene	mg/kg-OC	3.1	9	1.4 U	0.41 U	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	1.14 U	0.50 U	1.87 U	1.74 U	--
1,2,4-Trichlorobenzene	mg/kg-OC	0.81	1.8	1.4 U	0.41 U	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	1.14 U	0.50 U	1.87 U	1.74 U	--
Hexachlorobenzene	mg/kg-OC	0.38	2.3	1.4 U	0.41 U	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	1.14 U	0.50 U	1.87 U	1.74 U	--
Phthalate Esters															
Dimethylphthalate	mg/kg-OC	53	53	1.4 U	0.41 U	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	1.14 U	0.50 U	1.87 U	1.74 U	--

Table B-1
Sediment Physical and Chemical Data Summary: 2007 Samples

Parameters	Units	Sample Station / Sample ID / Sample Date	SMS SQS	SMS CSL	AN-SED-01 AN-SS-01 9/27/2007	AN-SED-02 AN-SS-02 9/27/2007	AN-SED-03 AN-SS-03 9/28/2007	AN-SED-04 AN-SS-04 9/28/2007	AN-SED-05 AN-SS-05 9/27/2007	AN-SED-06 AN-SS-06 9/28/2007	AN-SED-07 AN-SS-07 9/28/2007	AN-SED-08 AN-SS-08 9/27/2007	AN-SED-09 AN-SS-09 9/27/2007	AN-SED-10 AN-SS-10 9/28/2007	AN-SED-11 AN-SS-11 9/28/2007	AN-SED-REF-01 AN-SS-REF-01 9/28/2007
Diethylphthalate	mg/kg-OC		61	110	1.4 U	0.41 U	0.79 U	**0.54**	0.83 U	1.43 U	1.48 U	1.14 U	0.50 U	1.87 U	1.74 U	--
Di-n-butylphthalate	mg/kg-OC		220	1,700	1.4 U	0.41 U	0.79 U	0.33 U	8.26 U	1.43 U	1.48 U	2.8 U	0.50 U	1.87 U	3.65 U	--
Butylbenzylphthalate	mg/kg-OC		4.9	64	1.4 U	0.41 U	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	6.28 U	0.50 U	1.87 U	3.9 U	--
bis(2-ethylhexyl)phthalate	mg/kg-OC		47	78	1.4 U	0.41 U	0.79 U	1.79 U	0.83 U	1.43 U	1.48 U	**28**	**3.8**	1.87 U	**24**	--
Di-n-octylphthalate	mg/kg-OC		58	4,500	1.4 U	0.41 U	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	1.14 U	0.50 U	1.87 U	1.74 U	--
Miscellaneous																
Dibenzofuran	mg/kg-OC		15	58	1.4 U	**0.43**	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	**4.8**	**2.2**	1.87 U	**3.2**	--
Hexachlorobutadiene	mg/kg-OC		3.9	6.2	1.4 U	0.41 U	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	1.14 U	0.50 U	1.87 U	1.74 U	--
Hexachloroethane	mg/kg-OC		--	--	1.4 U	0.41 U	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	1.14 U	0.50 U	1.87 U	1.74 U	--
n-Nitroso-di-phenylamine	mg/kg-OC		11	11	1.4 U	0.41 U	0.79 U	0.33 U	0.83 U	1.43 U	1.48 U	1.14 U	0.50 U	1.87 U	1.74 U	--
PCBs																
Total PCBs	µg/kg dry wt				**9**	**12**	4 U	**180**	4 U	**45**	**73**	**100**	**99**	**230**	**220**	
Total PCBs (SMS)	mg/kg-OC		12	65	**0.6**	**0.2**	0.2 U	**2.9**	0.2 U	**3.2**	**5.4**	**5.7**	**2.5**	**21.5**	**19.1**	--
Ionizable Organic Compounds (µg/kg dry weight)																
Phenol	µg/kg		420	1,200	**49**	**29**	**33**	**20**	**69**	**46**	20 U	**45**	**52**	**31**	**24**	--
2-Methylphenol	µg/kg		63	63	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	--
4-Methylphenol	µg/kg		670	670	**7.7**	**390**	**200**	20 U	**60**	**230**	**33**	**110**	**22**	20 U	**66**	--
2,4-Dimethylphenol	µg/kg		29	29	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	--
Pentachlorophenol	µg/kg		360	690	99 U	99 U	99 U	99 U	100 U	98 U	98 U	98 U	99 U	99 U	98 U	--
Benzyl alcohol	µg/kg		57	73	20 U	20 U	20 U	20 U	20 U	20 U	20 U	**38**	20 U	20 U	20 U	--
Benzoic acid	µg/kg		650	650	200 U	200 U	200 U	200 U	**280**	200 U	200 U	200 U	**210**	200 U	200 U	--

Notes:
2-Methylnaphthalene is not included in the calculation for total LPAH
Total Benzofluoranthenes is the sum of Benzo(b)fluoranthene and Benzo(k)fluoranthene
= Represents a value that exceeds the Sediment Management SQS
= Represents a value that exceeds the Sediment Management CSL
SMS = Sediment Management Standards
SQS = Sediment Quality Standards
CSL = Cleanup Screening Level
U = Indicates the target analyte was undetected at the reported concentration
J = Estimated concentration

Table B-2
Sediment Physical and Chemical Data Summary: 2008 Samples

Parameters	Units	Sample Station: AN-SB-01 Sample ID: AN-SB-01-080908 Sample Date: 9/8/2008 Depth: 0 - 10 cm	AN-SB-02 AN-SB-02-080908 9/8/2008 0 - 10 cm	AN-SB-03 AN-SB-03-080908 9/8/2008 0 - 10 cm	AN-SB-04 AN-SB-04-080908 9/8/2008 0 - 10 cm	AN-SB-05 AN-SB-05-080908 9/8/2008 0 - 10 cm	AN-SB-06 AN-SB-06-080908 9/8/2008 0 - 10 cm	AN-SB-07 AN-SB-07-080908 9/8/2008 0 - 10 cm
Conventional Parameters								
Total organic carbon	%	**0.749**	**0.402**	**3.42**	**3.04**	**2.63**	**2.13**	**3.41**
Total solids	%	**66.2**	**62.4**	**50.4**	**70.2**	**66.2**	**67.6**	**39.1**
Total volatile solids	%	**3.89**	**7.74**	**12.2**	**3.36**	**3.15**	**3.98**	**31.92**
Porewater ammonia	mg-N/mL	**10.7**	**6.26**	**8.88**	**12.4**	**14.7**	**9.1**	**6.4**
Porewater sulfide	mg/L	**3.76**	**14.8**	**33.8**	**31**	**19.2**	**19.3**	**30.2**
Grain Size (pct)								
Gravel	%	**4.4**	**5.9**	**6.8**	**14.2**	**4.9**	**3.4**	**6.7**
Sand, Very Coarse	%	**0.9**	**2.8**	**5**	**6.8**	**1.6**	**1.6**	**4.8**
Sand, Coarse	%	**1.4**	**2.2**	**3.7**	**4.1**	**2.1**	**2.4**	**11**
Sand, Medium	%	**2.3**	**2.6**	**5.1**	**11.4**	**26.1**	**25.7**	**10.2**
Sand, Fine	%	**4.8**	**12.9**	**31.9**	**41.8**	**52.3**	**47.5**	**4.9**
Sand, Very Fine	%	**45.7**	**38.4**	**11.1**	**6.8**	**6.2**	**5.8**	**18.7**
Silt, Coarse	%	**26.4**	**16.3**	**3.7**	**4.1**	**1**	**3.8**	**16.7**
Silt, Medium	%	**5.2**	**7.4**	**6.8**	**3.4**	**1.1**	**2.6**	**8.4**
Silt, Fine	%	**2.2**	**3**	**6.9**	**1.9**	**0.8**	**1.9**	**4.9**
Silt, Very Fine	%	**1.4**	**2**	**5.4**	**1.3**	**0.8**	**1.4**	**3.3**
Clay, Coarse	%	**1**	**1.4**	**3.2**	**1**	**0.6**	**0.9**	**2.1**
Clay, Medium	%	**1**	**1.5**	**3.2**	**0.9**	**0.5**	**0.8**	**2.3**
Clay, Fine	%	**3.4**	**3.7**	**7**	**2.2**	**1.9**	**2.2**	**5.9**
Fines (silt + clay)	%	**40.6**	**35.3**	**36.4**	**14.9**	**6.7**	**13.6**	**43.7**

Notes:

Bold = Detected result

Validated Data

Table B-3
Summary of 2007 and 2008 Sediment Bioassay Results

Station	Neanthes Chronic Growth Mean Individial Growth Rate (mg/ind/d)	Benthic Chronic Abundance Significant Difference from Reference	Amphipod Acute Toxicity Mean Percent Survival	Mytilus Larvae Acute Toxicity Mean Combined Mortality	Chemistry and Field Measurements					Sample Reference Match
					TVS (% dry)	Volumetric Wood Debris (%)	Percent Fines	Porewater Ammonia (mg-N/L)	Porewater Sulfide (mg/L)	
2007 Samples										
AN-SS-REF-1	N/A		85	27	--	< 5	10	6.1	--	
AN-SS-01	N/A	Low molluscs and polychaetes	66	28	17.0	38	32	8.1	26.4	SS-REF-1
AN-SS-02	N/A	< 50% Difference	90	26	7.8	34	25	7.4	34.2	SS-REF-1
AN-SS-03	N/A	< 50% Difference	74	24	3.8	75	16	9.8	22.8	SS-REF-1
AN-SS-07	N/A	< 50% Difference	75	24	2.5	5	12	13.0	38.7	SS-REF-1
AN-SS-10	N/A	< 50% Difference	80	21	2.0	5	11	13.1	44.0	SS-REF-1
AN-SS-11	N/A	< 50% Difference	75	43	9.7	34	17	2.3	30.2	SS-REF-1
2008 Samples										
CR-REF-1	0.63	N/A	100	18		< 1	53			
CR-REF-22	0.73	N/A	98	9		< 1	15			
SB-REF-35	0.58	N/A	100	28		< 1	30			
AN-SB-01	0.68	N/A	92	20	3.9	< 1	41	10.7	3.8	CR-1
AN-SB-02	0.51	N/A	98	12	7.7	20	35	6.3	14.8	SB-35
AN-SB-03	0.45	N/A	100	23	12.2	10 to 35	36	8.9	33.8	SB-35
AN-SB-04	0.50	N/A	98	11	3.4	< 10	15	12.4	31.0	CR-22
AN-SB-05	0.71	N/A	100	24	3.2	0 *	7	14.7	19.2	CR-22
AN-SB-06	0.58	N/A	97	20	4.0	12	14	9.1	19.3	CR-22
AN-SB-07	0.74	N/A	97	46	31.9	18	44	6.4	30.2	CR-1

Note:

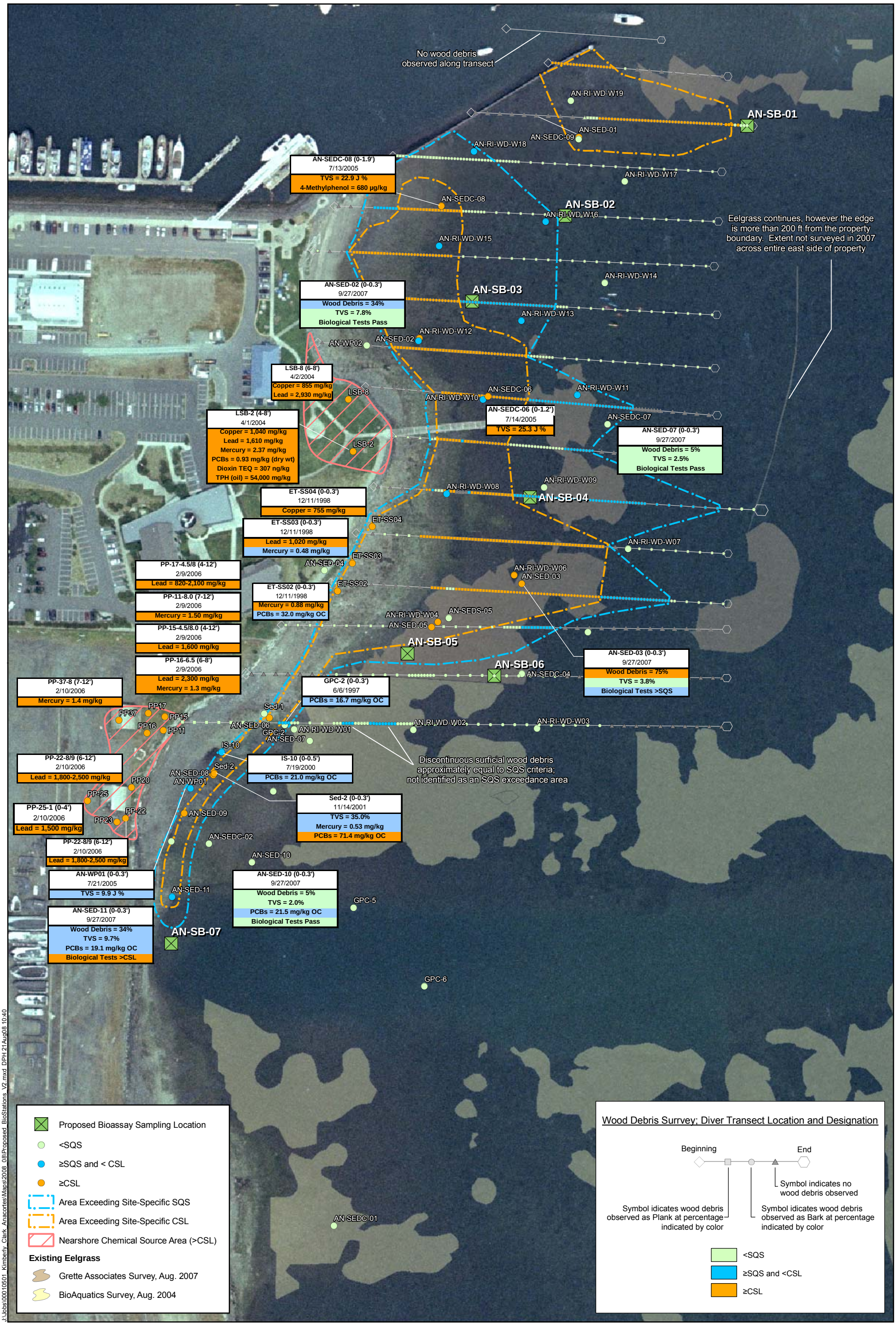
* 70% wood debris observed at depths between 0.2 and 0.7 ft below mudline

Green shading denotes that test(s) passed SQS biological criteria

Yellow shading denotes that test(s) exceeded SQS biological criteria but passed CSL biological criteria

Orange shading denotes that test(s) exceeded CSL biological criteria

FIGURES



J:\Jobs\00010501 Kimberly Clark Anacortes\Maps\2008 08\Proposed BioStations V2.mxd DPH 21Aug08 10:40

ANCHOR ENVIRONMENTAL, L.L.C.

0 150
Scale in Feet

Figure B-1
Supplemental Sediment Sampling Stations
Former Scott Paper Mill Site

APPENDIX B-1

LABORATORY CHEMISTRY DATA REPORTS

APPENDIX B-2

LABORATORY BIOASSAY DATA REPORTS

APPENDIX B-3

DATA VALIDATION REVIEW REPORTS

Semivolatile Organics
Standard Raw Data

prepared
for

ANCHOR ENVIRONMENTAL

Project : KIMBERLY CLARK ANACORTES

ARI JOB NO. LR71

prepared
by

Analytical Resources, Inc.

6B

SEMIVOLATILE 8270-C INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Instrument ID: NT6 Calibration Date: 09/29/07

LAB FILE ID: RRF1 =0011001 RRF5 =0051001 RRF10 =0101001
RRF25 =0251001 RRF40 =0401001 RRF80 =0801001

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	___ RRF	%RSD /R^2	
Phenol	2.118	2.261	2.316	2.431	2.547	2.327	2.333	6.3	*
Bis(2-Chloroethyl)ether	1.612	1.637	1.576	1.536	1.543	1.556	1.577	2.6	
2-Chlorophenol	1.401	1.395	1.356	1.398	1.434	1.437	1.404	2.1	
1,3-Dichlorobenzene	1.538	1.597	1.558	1.546	1.568	1.550	1.560	1.3	
1,4-Dichlorobenzene	1.544	1.675	1.611	1.612	1.638	1.569	1.608	2.9	*
1,2-Dichlorobenzene	1.524	1.579	1.436	1.500	1.548	1.489	1.513	3.3	
Benzyl alcohol	0.758	0.913	0.916	0.915	0.961	1.009	0.912	9.2	
2,2'-oxybis(1-Chloropropane)	1.460	1.465	1.368	1.450	1.411	1.576	1.455	4.8	
2-Methylphenol	1.205	1.329	1.322	1.379	1.400	1.411	1.341	5.7	
Hexachloroethane	0.671	0.748	0.717	0.699	0.722	0.705	0.710	3.6	
N-Nitroso-di-n-propylamine	1.523	1.458	1.412	1.363	1.359	1.322	1.406	5.3	~
4-Methylphenol	1.208	1.394	1.379	1.446	1.480	1.521	1.405	7.8	
Nitrobenzene	0.694	0.753	0.706	0.667	0.676	0.643	0.690	5.5	
Isophorone	1.058	1.065	1.015	1.003	1.000	0.952	1.016	4.1	
2-Nitrophenol		0.231	0.217	0.229	0.232	0.245	0.231	4.3	*
2,4-Dimethylphenol	0.491	0.532	0.542	0.526	0.547	0.526	0.527	3.8	
Bis(2-Chloroethoxy)methane	0.542	0.567	0.563	0.563	0.572	0.570	0.563	1.9	
2,4-Dichlorophenol		0.323	0.326	0.353	0.361	0.383	0.349	7.2	*
1,2,4-Trichlorobenzene	0.443	0.428	0.415	0.419	0.425	0.426	0.426	2.2	
Naphthalene	1.237	1.236	1.234	1.261	1.310	1.119	1.233	5.1	
Benzoic acid		0.317	0.337	0.367	0.377	0.401	0.360	9.3	
4-Chloroaniline		0.463	0.463	0.476	0.482	0.500	0.477	3.3	
Hexachlorobutadiene	0.278	0.292	0.291	0.278	0.287	0.277	0.284	2.4	*
4-Chloro-3-methylphenol		0.396	0.398	0.411	0.422	0.413	0.408	2.6	*
2-Methylnaphthalene	0.603	0.624	0.626	0.621	0.629	0.614	0.620	1.5	
Hexachlorocyclopentadiene		0.369	0.402	0.459	0.494	0.496	0.444	12.7	~
2,4,6-Trichlorophenol		0.448	0.477	0.495	0.533	0.516	0.494	6.7	*
2,4,5-Trichlorophenol		0.444	0.442	0.484	0.509	0.512	0.478	7.1	
2-Chloronaphthalene	1.394	1.335	1.308	1.299	1.368	1.323	1.338	2.7	
2-Nitroaniline		0.610	0.619	0.584	0.604	0.579	0.599	2.8	
Acenaphthylene	2.064	2.069	2.016	2.074	2.171	1.910	2.051	4.2	
Dimethylphthalate	1.379	1.376	1.334	1.343	1.359	1.332	1.354	1.5	
2,6-Dinitrotoluene		0.303	0.315	0.342	0.365	0.359	0.337	8.0	
Acenaphthene	1.329	1.281	1.266	1.285	1.324	1.281	1.294	2.0	*
3-Nitroaniline		0.302	0.305	0.325	0.325	0.351	0.322	6.1	
2,4-Dinitrophenol		0.138	0.184	0.271	0.324	0.329	0.249	34.3	~
Dibenzofuran	1.853	1.846	1.802	1.792	1.835	1.753	1.814	2.1	

* Compounds with maximum %RSD = 30%

~ Compounds with minimum average RRF = .05

<- Outside QC limits

FORM VI SV-1

SEMIVOLATILE 8270-C INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Instrument ID: NT6 Calibration Date: 09/29/07

LAB FILE ID: RRF1 =0011001 RRF5 =0051001 RRF10 =0101001
RRF25 =0251001 RRF40 =0401001 RRF80 =0801001

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	___ RRF	%RSD /R^2	
4-Nitrophenol		0.283	0.300	0.288	0.323	0.276	0.294	6.3	~
2,4-Dinitrotoluene		0.402	0.391	0.404	0.426	0.424	0.409	3.7	
Fluorene	1.422	1.400	1.370	1.454	1.560	1.386	1.432	4.8	
4-Chlorophenyl-phenylether	0.777	0.796	0.768	0.790	0.850	0.807	0.798	3.7	
Diethylphthalate	1.423	1.400	1.349	1.338	1.382	1.319	1.368	2.9	
4-Nitroaniline		0.261	0.273	0.290	0.303	0.312	0.288	7.3	
4,6-Dinitro-2-methylphenol		0.175	0.188	0.208	0.216	0.225	0.202	10.2	
N-Nitrosodiphenylamine (1)	0.545	0.518	0.484	0.488	0.489	0.535	0.510	5.2	
4-Bromophenyl-phenylether	0.259	0.280	0.280	0.273	0.276	0.292	0.277	3.9	
Hexachlorobenzene	0.299	0.282	0.271	0.272	0.275	0.290	0.282	3.9	
Pentachlorophenol		0.161	0.168	0.170	0.192	0.194	0.177	8.4	*
Phenanthrene	1.355	1.290	1.268	1.263	1.293	1.230	1.283	3.3	
Anthracene	1.313	1.285	1.261	1.287	1.320	1.243	1.285	2.3	
Carbazole	1.190	1.092	1.112	1.140	1.197	1.126	1.143	3.7	
Di-n-butylphthalate	1.414	1.329	1.334	1.298	1.379	1.242	1.333	4.5	
Fluoranthene	1.525	1.419	1.460	1.467	1.597	1.336	1.467	6.1	*
Pyrene	1.558	1.529	1.423	1.383	1.369	1.356	1.436	6.0	
Butylbenzylphthalate	0.683	0.638	0.646	0.616	0.628	0.577	0.631	5.5	
Benzo(a)anthracene	1.639	1.541	1.589	1.592	1.617	1.424	1.567	4.9	
3,3'-Dichlorobenzidine		0.629	0.637	0.656	0.661	0.623	0.641	2.6	
Chrysene	1.484	1.387	1.409	1.416	1.423	1.329	1.408	3.6	
bis(2-Ethylhexyl)phthalate	0.758	0.620	0.579	0.588	0.569	0.515	0.605	13.7	
Di-n-octylphthalate	1.355	1.262	1.172	1.122	1.070	0.941	1.154	12.6	*
Benzo(b)fluoranthene	1.366	1.356	1.458	1.378	1.577	1.482	1.436	6.0	
Benzo(k)fluoranthene	1.586	1.561	1.508	1.598	1.588	1.273	1.519	8.2	
Benzo(a)pyrene	1.354	1.285	1.281	1.327	1.372	1.291	1.318	2.9	*
Indeno(1,2,3-cd)pyrene	1.447	1.496	1.491	1.576	1.629	1.742	1.564	7.0	
Dibenzo(a,h)anthracene	1.176	1.239	1.251	1.335	1.417	1.464	1.314	8.5	
Benzo(g,h,i)perylene	1.447	1.496	1.491	1.576	1.629	1.742	1.564	7.0	
N-Nitrosodimethylamine		1.169	1.158	1.152	1.129	1.117	1.145	1.9	
Aniline		2.665	2.618	2.697	2.789	2.622	2.678	2.6	
Benzidine		0.805	0.749	0.602	0.643	0.558	0.671	15.3	
Pyridine		1.709	1.707	1.724	1.690	1.645	1.695	1.8	
1-methylnaphthalene	0.618	0.620	0.615	0.611	0.628	0.614	0.618	1.0	
Azobenzene (1,2-DP-Hydrazine	2.052	2.119	2.035	1.971	2.007	1.769	1.992	6.0	
2-Fluorophenol		1.500	1.421	1.453	1.500	1.495	1.474	2.4	

(1) Cannot be seperated from Diphenylamine
* Compounds with maximum %RSD = 30%
~ Compounds with minimum average RRF = .05
<- Outside QC limits

6C

SEMIVOLATILE 8270-C INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Instrument ID: NT6 Calibration Date: 09/29/07

LAB FILE ID: RRF1 =0011001 RRF5 =0051001 RRF10 =0101001
RRF25 =0251001 RRF40 =0401001 RRF80 =0801001

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	___ RRF	%RSD /R^2
Phenol-d5		1.820	1.775	1.898	1.955	1.965	1.883	4.4
2-Chlorophenol-d4		1.239	1.203	1.251	1.269	1.307	1.254	3.1
1,2-Dichlorobenzene-d4		0.962	0.891	0.912	0.956	0.981	0.940	4.0
Nitrobenzene-d5		0.686	0.642	0.626	0.644	0.614	0.642	4.3
2-Fluorobiphenyl		1.610	1.506	1.538	1.611	1.521	1.557	3.2
2,4,6-Tribromophenol		0.188	0.179	0.194	0.200	0.208	0.194	5.7
Terphenyl-d14		0.942	0.884	0.880	0.886	0.902	0.899	2.9

* Compounds with maximum %RSD = 30%

~ Compounds with minimum average RRF = .05

<- Outside QC limits

FORM VI SV-3

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 29-SEP-2007 14:57
End Cal Date : 01-OCT-2007 13:47
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20071001.b/SW846.m
Cal Date : 01-Oct-2007 16:04 jeff
Curve Type : Average

Calibration File Names:
Level 1: /chem1/nt6.i/20071001.b/0011001.d
Level 2: /chem1/nt6.i/20071001.b/0051001.d
Level 3: /chem1/nt6.i/20071001.b/0101001.d
Level 4: /chem1/nt6.i/20071001.b/0251001.d
Level 5: /chem1/nt6.i/20071001.b/0401001.d
Level 6: /chem1/nt6.i/20071001.b/0801001.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	
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	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
145 4,4'-DDE	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
146 4,4'-DDD	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
147 4,4'-DDT	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
148 Dieldrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
149 TCMX	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
150 DCBP	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
138 Chlorobenzilate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
139 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
140 Diallate A	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
141 Diallate B	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
142 1,2-Dibromo-3-Chloropropane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 29-SEP-2007 14:57
End Cal Date : 01-OCT-2007 13:47
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20071001.b/SW846.m
Cal Date : 01-Oct-2007 16:04 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	
135 2,3,5,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
136 2,3,4,5-tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
133 Butylatedhydroxytoluene	1.37392	1.38349	1.31823	1.31055	1.41931	1.24760	1.34218	4.615	
132 3,6-Dimethylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
131 1-Methylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
130 Dibenzothiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
129 1-Methylfluorene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
128 N-Hexadecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
127 2-Isopropylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
126 N-Tetradecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
144 alpha-Terpineol	0.34346	0.35939	0.37553	0.37474	0.39496	0.39647	0.37409	5.469	
125 Safrole	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
124 3,4-Dimethylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
123 Acetophenone	2.04028	2.07960	2.06867	2.01332	2.01962	1.95494	2.02940	2.212	
122 Furfuraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
143 1,4-Dioxane	0.71161	0.72186	0.69248	0.68908	0.66694	0.70535	0.69789	2.781	
121 Quinoline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
120 2,3,4,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
178 2-Benzyl-4-Chlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
119 7,12-Dimethylbenz(a)anthracen	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
118 Triphenyl Phosphate	0.25432	0.23737	0.23441	0.23354	0.24331	0.22409	0.23784	4.291	
117 Butyl Diphenyl Phosphate	0.31803	0.28912	0.28801	0.28145	0.29866	0.29001	0.29421	4.384	
116 Dibutyl Phenyl Phosphate	0.69062	0.67355	0.66198	0.66570	0.71873	0.66653	0.67952	3.200	
115 Tributyl Phosphate	1.19543	1.18168	1.14483	1.16694	1.20833	1.16366	1.17681	1.959	
114 Beta-Pinene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
113 Diphenyl Oxide	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
112 Biphenyl	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
111 Azobenzene (1,2-DP-Hydrazine)	2.05227	2.11923	2.03485	1.97064	2.00685	1.76915	1.99216	6.023	
110 Tetrachloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 29-SEP-2007 14:57
End Cal Date : 01-OCT-2007 13:47
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20071001.b/SW846.m
Cal Date : 01-Oct-2007 16:04 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	
109	3,4,5-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
108	4,5,6-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
107	4,5-Dichloro-2-Methoxyphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
106	Guaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
105	1-methylnaphthalene	0.61857	0.61954	0.61461	0.61088	0.62835	0.61442	0.61773	0.983	
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	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
3	Phenol	2.11836	2.26069	2.31578	2.43068	2.54744	2.32690	2.33331	6.274	
4	Bis(2-Chloroethyl)ether	1.61188	1.63739	1.57611	1.53652	1.54262	1.55656	1.57685	2.553	
6	2-Chlorophenol	1.40150	1.39525	1.35551	1.39848	1.43440	1.43711	1.40371	2.134	
7	1,3-Dichlorobenzene	1.53822	1.59693	1.55855	1.54588	1.56841	1.55051	1.55975	1.345	
9	1,4-Dichlorobenzene	1.54430	1.67539	1.61136	1.61192	1.63842	1.56948	1.60848	2.921	
11	Benzyl alcohol	0.75829	0.91315	0.91658	0.91545	0.96138	1.00911	0.91233	9.240	
12	1,2-Dichlorobenzene	1.52413	1.57872	1.43630	1.49972	1.54809	1.48925	1.51270	3.278	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 29-SEP-2007 14:57
End Cal Date : 01-OCT-2007 13:47
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20071001.b/SW846.m
Cal Date : 01-Oct-2007 16:04 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
13 2-Methylphenol	1.20493	1.32933	1.32168	1.37907	1.39979	1.41098	1.34096	5.662
14 2,2'-oxybis(1-Chloropropane)	1.46015	1.46525	1.36797	1.45000	1.41145	1.57606	1.45514	4.789
15 4-Methylphenol	1.20806	1.39363	1.37866	1.44596	1.47967	1.52103	1.40450	7.821
16 N-Nitroso-di-n-propylamine	1.52312	1.45768	1.41233	1.36299	1.35906	1.32233	1.40625	5.272
17 Hexachloroethane	0.67138	0.74772	0.71713	0.69943	0.72203	0.70520	0.71048	3.585
19 Nitrobenzene	0.69432	0.75260	0.70581	0.66666	0.67595	0.64272	0.68968	5.489
20 Isophorone	1.05795	1.06463	1.01511	1.00310	1.00037	0.95209	1.01554	4.088
21 2-Nitrophenol	+++++	0.23066	0.21672	0.22919	0.23204	0.24463	0.23065	4.300
22 2,4-Dimethylphenol	0.49064	0.53161	0.54155	0.52551	0.54724	0.52550	0.52701	3.766
23 Bis(2-Chloroethoxy)methane	0.54216	0.56668	0.56342	0.56294	0.57172	0.57045	0.56290	1.912
24 Benzoic acid	+++++	0.31671	0.33675	0.36705	0.37672	0.40126	0.35970	9.269
25 2,4-Dichlorophenol	+++++	0.32318	0.32654	0.35282	0.36072	0.38329	0.34931	7.155
26 1,2,4-Trichlorobenzene	0.44292	0.42775	0.41541	0.41868	0.42478	0.42554	0.42584	2.244
28 Naphthalene	1.23746	1.23602	1.23404	1.26108	1.30965	1.11866	1.23282	5.100
29 4-Chloroaniline	+++++	0.46322	0.46270	0.47625	0.48196	0.50038	0.47690	3.258
30 Hexachlorobutadiene	0.27817	0.29235	0.29068	0.27854	0.28735	0.27708	0.28403	2.425
31 4-Chloro-3-methylphenol	+++++	0.39639	0.39786	0.41117	0.42155	0.41327	0.40805	2.626
32 2-Methylnaphthalene	0.60309	0.62424	0.62581	0.62087	0.62903	0.61362	0.61944	1.546
33 Hexachlorocyclopentadiene	+++++	0.36945	0.40196	0.45933	0.49442	0.49590	0.44421	12.733
34 2,4,6-Trichlorophenol	+++++	0.44851	0.47675	0.49507	0.53283	0.51559	0.49375	6.672
35 2,4,5-Trichlorophenol	+++++	0.44419	0.44225	0.48404	0.50874	0.51196	0.47824	7.057
37 2-Chloronaphthalene	1.39411	1.33497	1.30804	1.29915	1.36839	1.32263	1.33788	2.741
38 2-Nitroaniline	+++++	0.61023	0.61887	0.58402	0.60353	0.57931	0.59919	2.834
39 Dimethylphthalate	1.37881	1.37628	1.33365	1.34286	1.35904	1.33207	1.35379	1.534
40 Acenaphthylene	2.06448	2.06881	2.01655	2.07423	2.17132	1.90957	2.05083	4.178
41 2,6-Dinitrotoluene	+++++	0.30318	0.31507	0.34185	0.36499	0.35860	0.33674	7.993
43 3-Nitroaniline	+++++	0.30231	0.30490	0.32483	0.32501	0.35074	0.32156	6.068
44 Acenaphthene	1.32914	1.28128	1.26599	1.28514	1.32376	1.28091	1.29437	1.990
45 2,4-Dinitrophenol	+++++	0.13757	0.18442	0.27119	0.32447	0.32945	0.24942	34.283

BB 10/16/07

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 29-SEP-2007 14:57
End Cal Date : 01-OCT-2007 13:47
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20071001.b/SW846.m
Cal Date : 01-Oct-2007 16:04 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
46 Dibenzofuran	1.85303	1.84622	1.80170	1.79154	1.83494	1.75294	1.81339	2.119
47 4-Nitrophenol	+++++	0.28296	0.30031	0.28772	0.32287	0.27585	0.29394	6.282
48 2,4-Dinitrotoluene	+++++	0.40228	0.39100	0.40377	0.42651	0.42440	0.40959	3.740
49 Fluorene	1.42232	1.40045	1.37019	1.45443	1.56048	1.38601	1.43231	4.840
50 Diethylphthalate	1.42342	1.40021	1.34903	1.33845	1.38151	1.31865	1.36855	2.915
51 4-Chlorophenyl-phenylether	0.77731	0.79621	0.76770	0.78988	0.85040	0.80738	0.79815	3.652
52 4-Nitroaniline	+++++	0.26078	0.27299	0.29024	0.30307	0.31190	0.28780	7.308
53 4,6-Dinitro-2-methylphenol	+++++	0.17470	0.18840	0.20785	0.21647	0.22539	0.20256	10.235
54 N-Nitrosodiphenylamine	0.54529	0.51818	0.48383	0.48800	0.48912	0.53482	0.50987	5.213
56 4-Bromophenyl-phenylether	0.25919	0.27998	0.28051	0.27334	0.27551	0.29233	0.27681	3.920
57 Hexachlorobenzene	0.29882	0.28253	0.27098	0.27258	0.27520	0.28968	0.28163	3.883
58 Pentachlorophenol	+++++	0.16126	0.16750	0.16955	0.19166	0.19357	0.17671	8.406
60 Phenanthrene	1.35502	1.29006	1.26832	1.26277	1.29293	1.23017	1.28321	3.260
61 Anthracene	1.31303	1.28514	1.26112	1.28662	1.32012	1.24323	1.28488	2.292
62 Carbazole	1.19021	1.09212	1.11190	1.13969	1.19717	1.12642	1.14292	3.713
63 Di-n-butylphthalate	1.41358	1.32903	1.33415	1.29854	1.37863	1.24198	1.33265	4.510
64 Fluoranthene	1.52538	1.41936	1.45952	1.46696	1.59732	1.33614	1.46745	6.083
65 Pyrene	1.55817	1.52908	1.42292	1.38326	1.36875	1.35633	1.43642	6.022
67 Butylbenzylphthalate	0.68318	0.63814	0.64606	0.61631	0.62852	0.57741	0.63160	5.527
68 Benzo(a)anthracene	1.63918	1.54083	1.58938	1.59227	1.61671	1.42380	1.56703	4.944
70 3,3'-Dichlorobenzidine	+++++	0.62875	0.63724	0.65631	0.66107	0.62331	0.64134	2.602
71 Chrysene	1.48451	1.38712	1.40879	1.41640	1.42341	1.32901	1.40821	3.598
72 bis(2-Ethylhexyl)phthalate	0.75804	0.61992	0.57932	0.58791	0.56861	0.51470	0.60475	13.651
73 Di-n-octylphthalate	1.35477	1.26215	1.17196	1.12176	1.06977	0.94131	1.15362	12.603
74 Benzo(b)fluoranthene	1.36594	1.35610	1.45759	1.37834	1.57673	1.48245	1.43619	5.993
75 Benzo(k)fluoranthene	1.58640	1.56144	1.50759	1.59848	1.58851	1.27315	1.51926	8.225
76 Benzo(a)pyrene	1.35386	1.28526	1.28122	1.32669	1.37253	1.29083	1.31840	2.937
78 Indeno(1,2,3-cd)pyrene	1.44690	1.49652	1.49061	1.57597	1.62934	1.74208	1.56357	6.993
79 Dibenzo(a,h)anthracene	1.17571	1.23911	1.25085	1.33532	1.41671	1.46428	1.31366	8.498

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 29-SEP-2007 14:57
End Cal Date : 01-OCT-2007 13:47
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20071001.b/SW846.m
Cal Date : 01-Oct-2007 16:04 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	
	80 Benzo(g,h,i)perylene	1.44690	1.49652	1.49061	1.57597	1.62934	1.74208	1.56357	6.993	
	90 N-Nitrosodimethylamine	+++++	1.16894	1.15797	1.15200	1.12889	1.11739	1.14504	1.859	
	91 Aniline	+++++	2.66483	2.61845	2.69712	2.78922	2.62225	2.67837	2.611	
	92 1,2-Diphenylhydrazine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	93 Benzidine	+++++	0.80484	0.74894	0.60168	0.64316	0.55843	0.67141	15.305	<-
	96 p-Cymene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	97 Caffeine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	98 Retene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	99 Perylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	100 3-beta-Coprostanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	101 Cholesterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	102 beta-Sitosterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	103 Pyridine	+++++	1.70911	1.70711	1.72379	1.69021	1.64464	1.69497	1.802	
$	1 2-Fluorophenol	+++++	1.49956	1.42130	1.45331	1.50011	1.49490	1.47384	2.393	
$	137 d8-1,4-Dioxane	+++++	0.73172	0.67928	0.69818	0.68363	0.70323	0.69921	2.960	
$	2 Phenol-d5	+++++	1.82020	1.77478	1.89858	1.95520	1.96492	1.88273	4.430	
$	5 2-Chlorophenol-d4	+++++	1.23940	1.20299	1.25131	1.26908	1.30700	1.25395	3.052	
$	10 1,2-Dichlorobenzene-d4	+++++	0.96152	0.89101	0.91189	0.95635	0.98085	0.94033	3.975	
$	18 Nitrobenzene-d5	+++++	0.68613	0.64217	0.62626	0.64439	0.61398	0.64259	4.251	
$	36 2-Fluorobiphenyl	+++++	1.61023	1.50634	1.53753	1.61081	1.52102	1.55719	3.206	
$	55 2,4,6-Tribromophenol	+++++	0.18851	0.17914	0.19402	0.20020	0.20834	0.19404	5.733	
$	66 Terphenyl-d14	+++++	0.94255	0.88382	0.88046	0.88649	0.90214	0.89909	2.856	
$	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 : /chem1/nt6.i/20071001.b/0011001.d
Lab Smp Id: ABN 1 Client Smp ID: ABN 1
Inj Date : 01-OCT-2007 12:03
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 1
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20071001.b/SW846.m
Meth Date : 01-Oct-2007 16:04 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 3 Calibration Sample, Level: 1
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)	ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.574	6.575	(0.768)	14670	1.00000	0.9164
$	2 Phenol-d5	99	8.081	8.081	(0.944)	18320	1.00000	0.8959
	3 Phenol	94	8.097	8.097	(0.946)	23008	1.00000	0.9079
$	5 2-Chlorophenol-d4	132	8.252	8.252	(0.964)	13691	1.00000	1.005
	4 Bis(2-Chloroethyl)ether	93	8.209	8.209	(0.959)	17507	1.00000	1.022
	6 2-Chlorophenol	128	8.273	8.273	(0.966)	15222	1.00000	0.9984
	7 1,3-Dichlorobenzene	146	8.503	8.503	(0.993)	16707	1.00000	0.9862
*	8 1,4-Dichlorobenzene-d4	152	8.562	8.562	(1.000)	217225	20.0000	
	9 1,4-Dichlorobenzene	146	8.588	8.589	(1.003)	16773	1.00000	0.9601
$	10 1,2-Dichlorobenzene-d4	152	8.866	8.866	(1.036)	10325	1.00000	1.011(M)
	12 1,2-Dichlorobenzene	146	8.887	8.888	(1.038)	16554	1.00000	1.008
	11 Benzyl alcohol	108	8.829	8.824	(1.031)	8236	1.00000	0.8312
	14 2,2'-oxybis(1-Chloropropane)	45	9.090	9.091	(1.062)	15859	1.00000	1.003
	13 2-Methylphenol	108	9.042	9.043	(1.056)	13087	1.00000	0.8986
	17 Hexachloroethane	117	9.384	9.385	(1.096)	7292	1.00000	0.9450
	16 N-Nitroso-di-n-propylamine	70	9.299	9.305	(1.086)	16543	1.00000	1.083
	15 4-Methylphenol	108	9.272	9.272	(1.083)	13121	1.00000	0.8601
$	18 Nitrobenzene-d5	82	9.491	9.491	(0.893)	21932	1.00000	1.006
	19 Nitrobenzene	77	9.518	9.518	(0.895)	23555	1.00000	1.007
	20 Isophorone	82	9.902	9.903	(0.932)	35891	1.00000	1.042
	21 2-Nitrophenol	139	10.047	10.047	(0.945)	7031	1.00000	0.8986
	22 2,4-Dimethylphenol	107	10.127	10.127	(0.953)	16645	1.00000	0.9310
	23 Bis(2-Chloroethoxy)methane	93	10.287	10.287	(0.968)	18393	1.00000	0.9632
	24 Benzoic acid	105	10.218	10.255	(0.961)	16444	5.00000	1.348(M)
	25 2,4-Dichlorophenol	162	10.421	10.421	(0.980)	8934	1.00000	0.7539
	26 1,2,4-Trichlorobenzene	180	10.570	10.565	(0.994)	15026	1.00000	1.040
*	27 Naphthalene-d8	136	10.629	10.629	(1.000)	678504	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	10.661	10.661	(1.003)	41981	1.00000	1.004
	29 4-Chloroaniline	127	10.789	10.784	(1.015)	14145	1.00000	0.8743
	30 Hexachlorobutadiene	225	10.976	10.977	(1.033)	9437	1.00000	0.9794
	31 4-Chloro-3-methylphenol	107	11.591	11.586	(1.090)	13457	1.00000	0.9721(M)
	32 2-Methylnaphthalene	141	11.788	11.794	(1.109)	20460	1.00000	0.9736
	33 Hexachlorocyclopentadiene	237	12.178	12.179	(0.900)	4253	1.00000	0.5267
	34 2,4,6-Trichlorophenol	196	12.306	12.301	(0.910)	6268	1.00000	0.6983
	35 2,4,5-Trichlorophenol	196	12.365	12.360	(0.914)	9026	1.00000	1.038(M)
$	36 2-Fluorobiphenyl	172	12.435	12.435	(0.919)	28945	1.00000	1.022
	37 2-Chloronaphthalene	162	12.584	12.585	(0.930)	25344	1.00000	1.042
	38 2-Nitroaniline	65	12.803	12.804	(0.946)	10459	1.00000	0.9602
	39 Dimethylphthalate	163	13.172	13.172	(0.974)	25066	1.00000	1.018
	40 Acenaphthylene	152	13.273	13.274	(0.981)	37531	1.00000	1.007
	41 2,6-Dinitrotoluene	165	13.268	13.274	(0.981)	4919	1.00000	0.8035
*	42 Acenaphthene-d10	164	13.530	13.530	(1.000)	363588	20.0000	
	43 3-Nitroaniline	138	13.487	13.482	(0.997)	5759	1.00000	0.9852(M)
	44 Acenaphthene	153	13.578	13.578	(1.004)	24163	1.00000	1.027
	45 2,4-Dinitrophenol	184	13.658	13.658	(1.009)	873	5.00000	0.1925
	46 Dibenzofuran	168	13.840	13.840	(1.023)	33687	1.00000	1.022
	47 4-Nitrophenol	109	13.781	13.765	(1.019)	4816	1.00000	0.9012(M)
	48 2,4-Dinitrotoluene	165	13.909	13.909	(1.028)	7125	1.00000	0.9569
	50 Diethylphthalate	149	14.331	14.337	(1.059)	25877	1.00000	1.040
	49 Fluorene	166	14.406	14.406	(1.065)	25857	1.00000	0.9930
	51 4-Chlorophenyl-phenylether	204	14.422	14.422	(1.066)	14131	1.00000	0.9739
	52 4-Nitroaniline	138	14.491	14.486	(1.071)	4730	1.00000	0.9041
	53 4,6-Dinitro-2-methylphenol	198	14.566	14.572	(0.914)	5507	5.00000	0.9995
	54 N-Nitrosodiphenylamine	169	14.620	14.625	(0.917)	14832	1.00000	1.069
$	55 2,4,6-Tribromophenol	330	14.839	14.834	(1.097)	3486	1.00000	0.9882
	56 4-Bromophenyl-phenylether	248	15.218	15.218	(0.955)	7050	1.00000	0.9363
	57 Hexachlorobenzene	284	15.448	15.448	(0.969)	8128	1.00000	1.061
	58 Pentachlorophenol	266	15.741	15.742	(0.988)	3327	1.00000	0.6922
*	59 Phenanthrene-d10	188	15.939	15.939	(1.000)	544007	20.0000	
	60 Phenanthrene	178	15.976	15.977	(1.002)	36857	1.00000	1.056
	61 Anthracene	178	16.046	16.046	(1.007)	35715	1.00000	1.022
	62 Carbazole	167	16.324	16.319	(1.024)	32374	1.00000	1.041
	63 Di-n-butylphthalate	149	17.024	17.019	(1.068)	38450	1.00000	1.061
	64 Fluoranthene	202	17.942	17.943	(1.126)	41491	1.00000	1.039
	65 Pyrene	202	18.306	18.306	(0.901)	45394	1.00000	1.085
$	66 Terphenyl-d14	244	18.599	18.600	(0.916)	28744	1.00000	1.097
	67 Butylbenzylphthalate	149	19.470	19.471	(0.959)	19903	1.00000	1.082
	68 Benzo(a)anthracene	228	20.282	20.283	(0.999)	47754	1.00000	1.046
*	69 Chrysene-d12	240	20.309	20.309	(1.000)	582656	20.0000	
	70 3,3'-Dichlorobenzidine	252	20.272	20.272	(0.998)	19645	1.00000	1.051
	71 Chrysene	228	20.346	20.347	(1.002)	43248	1.00000	1.054
	72 bis(2-Ethylhexyl)phthalate	149	20.464	20.464	(0.956)	34610	1.00000	1.253
*	134 Di-n-octylphthalate-d4	153	21.404	21.404	(1.000)	913141	20.0000	
	73 Di-n-octylphthalate	149	21.409	21.410	(1.000)	61855	1.00000	1.174

	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	21.954	21.955	(0.975)	45230	1.00000	0.9511 (H)
75	Benzo(k)fluoranthene	252	21.992	21.987	(0.977)	52530	1.00000	1.044
76	Benzo(a)pyrene	252	22.419	22.425	(0.996)	44830	1.00000	1.027
* 77	Perylene-d12	264	22.510	22.510	(1.000)	662255	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	24.310	24.316	(1.080)	47911	1.00000	0.9254
79	Dibenzo(a,h)anthracene	278	24.342	24.343	(1.081)	38931	1.00000	0.8950
80	Benzo(g,h,i)perylene	276	24.310	24.316	(1.080)	47911	1.00000	0.9254
90	N-Nitrosodimethylamine	74	4.048	4.043	(0.473)	12977	1.00000	1.043
103	Pyridine	79	4.101	4.059	(0.479)	16987	1.00000	0.9227 (M)
91	Aniline	93	8.102	8.103	(0.946)	29535	1.00000	1.015
105	1-methylnaphthalene	141	11.965	11.970	(1.126)	20985	1.00000	1.001
93	Benzidine	184	18.172	18.172	(0.895)	23696	1.00000	1.211
111	Azobenzene (1,2-DP-Hydrazine)	77	14.673	14.673	(1.084)	37309	1.00000	1.030
144	alpha-Terpineol	59	10.672	10.667	(1.004)	11652	1.00000	0.9181
143	1,4-Dioxane	88	3.289	3.284	(0.384)	7729	1.00000	1.020
$ 137	d8-1,4-Dioxane	96	3.219	3.220	(0.376)	7629	1.00000	1.005
133	Butylatedhydroxytoluene	205	13.679	13.680	(1.011)	24977	1.00000	1.024
115	Tributyl Phosphate	99	14.689	14.689	(0.922)	32516	1.00000	1.016
116	Dibutyl Phenyl Phosphate	175	16.457	16.458	(1.032)	18785	1.00000	1.016
117	Butyl Diphenyl Phosphate	94	18.172	18.167	(0.895)	9265	1.00000	1.081
118	Triphenyl Phosphate	326	19.796	19.796	(0.975)	7409	1.00000	1.069
123	Acetophenone	105	9.251	9.251	(1.080)	22160	1.00000	1.005

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: 0011001.d
Lab Smp Id: ABN 1
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071001.b/SW846.m
Misc Info:

Calibration Date: 01-OCT-2007
Calibration Time: 10:54
Client Smp ID: ABN 1
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	217225	2.43
27 Naphthalene-d8	656578	328289	1313156	678504	3.34
42 Acenaphthene-d10	353705	176852	707410	363588	2.79
59 Phenanthrene-d10	526440	263220	1052880	544007	3.34
69 Chrysene-d12	581923	290962	1163846	582656	0.13
134 Di-n-octylphthala	979097	489548	1958194	913141	-6.74
77 Perylene-d12	686531	343266	1373062	662255	-3.54

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.57	8.07	9.07	8.56	-0.07
27 Naphthalene-d8	10.63	10.13	11.13	10.63	-0.01
42 Acenaphthene-d10	13.53	13.03	14.03	13.53	-0.01
59 Phenanthrene-d10	15.95	15.45	16.45	15.94	-0.04
69 Chrysene-d12	20.32	19.82	20.82	20.31	-0.03
134 Di-n-octylphthala	21.41	20.91	21.91	21.40	-0.03
77 Perylene-d12	22.52	22.02	23.02	22.51	-0.03

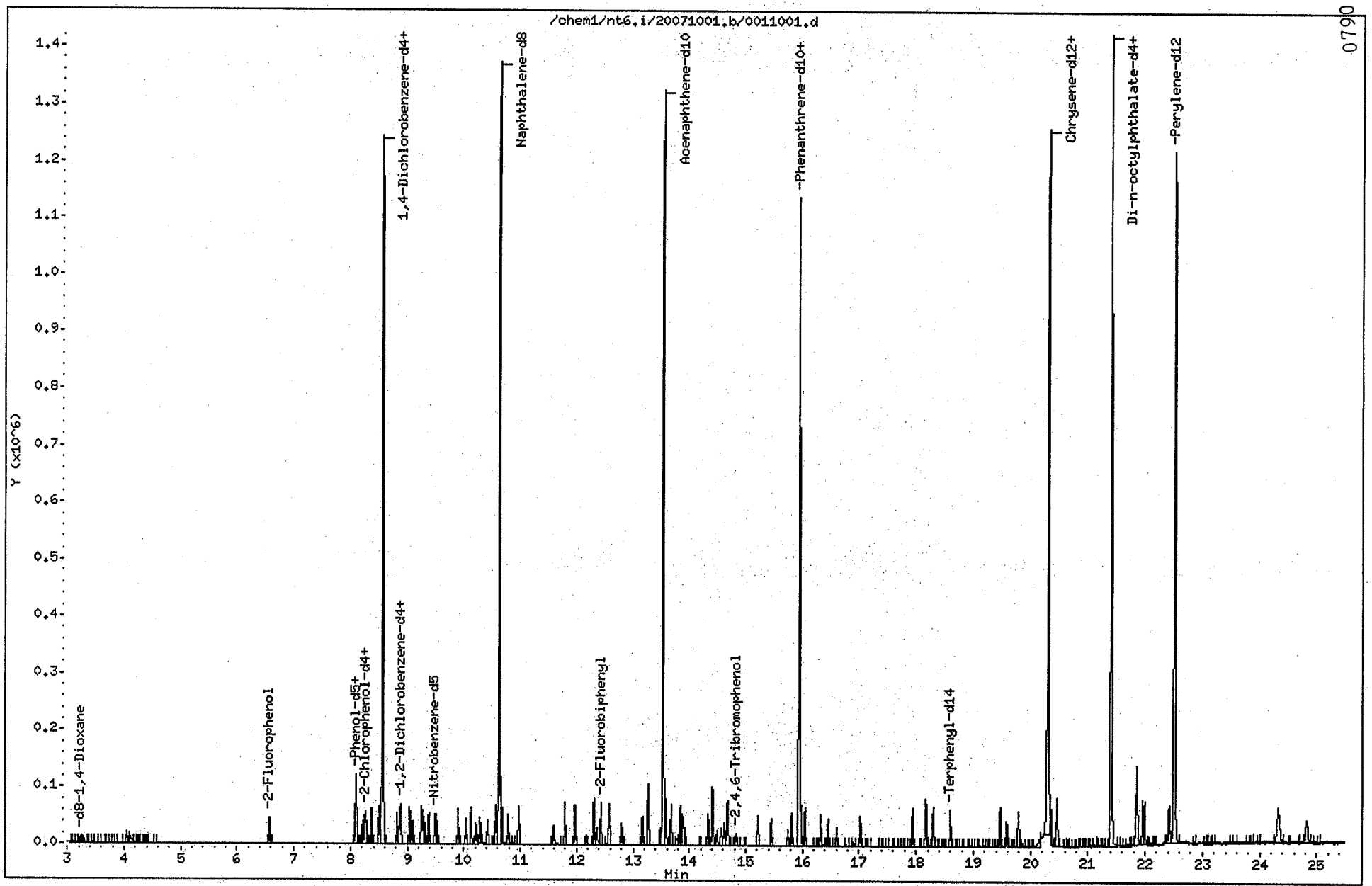
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20071001.b/0011001.d
Date : 01-OCT-2007 12:03
Client ID: ABN 1
Sample Info: ABN 1

Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32



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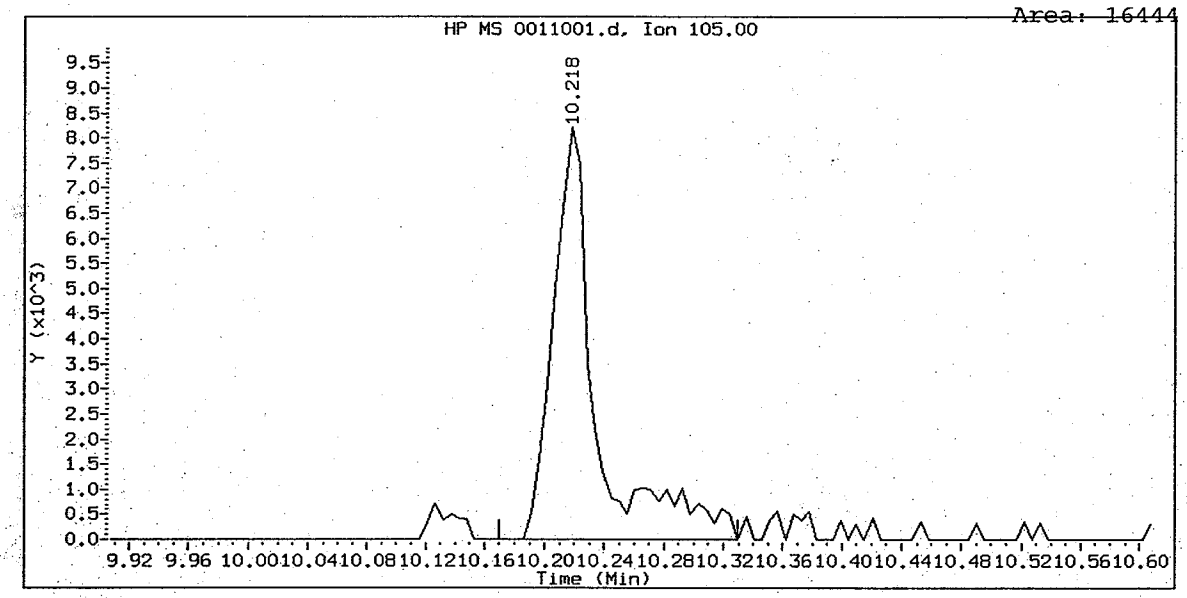
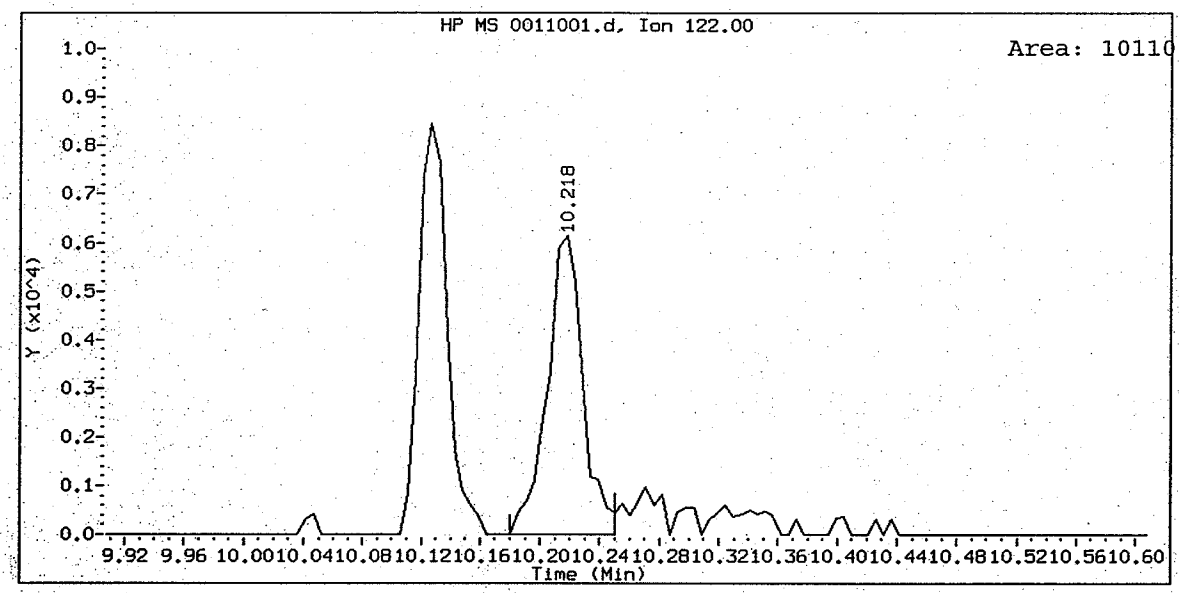
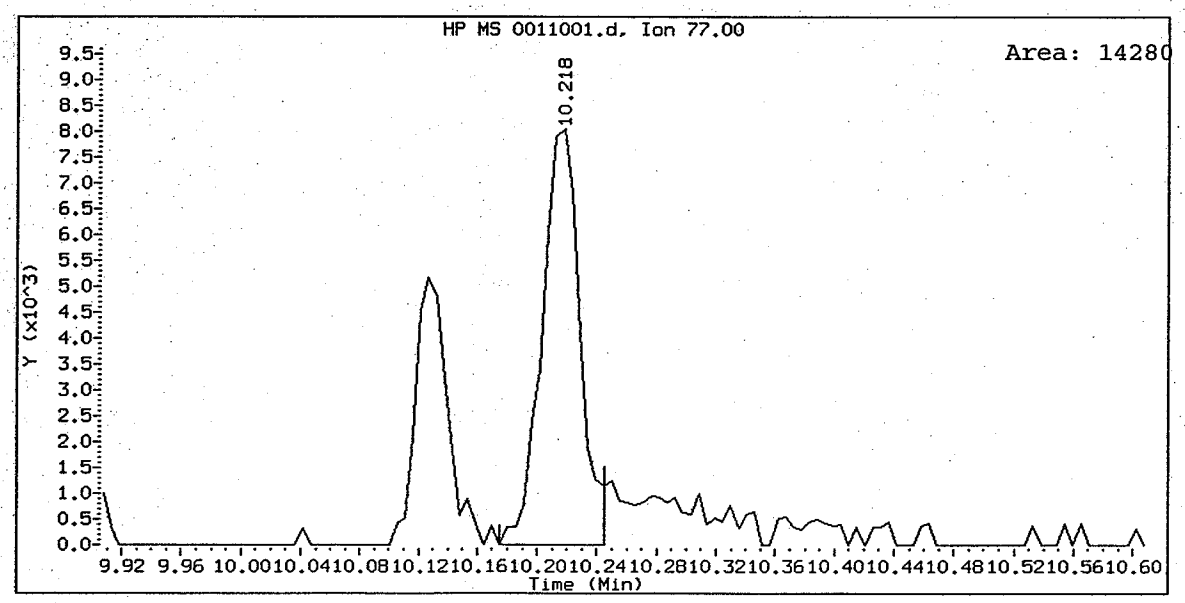
Benzoic acid Amount: 1.35







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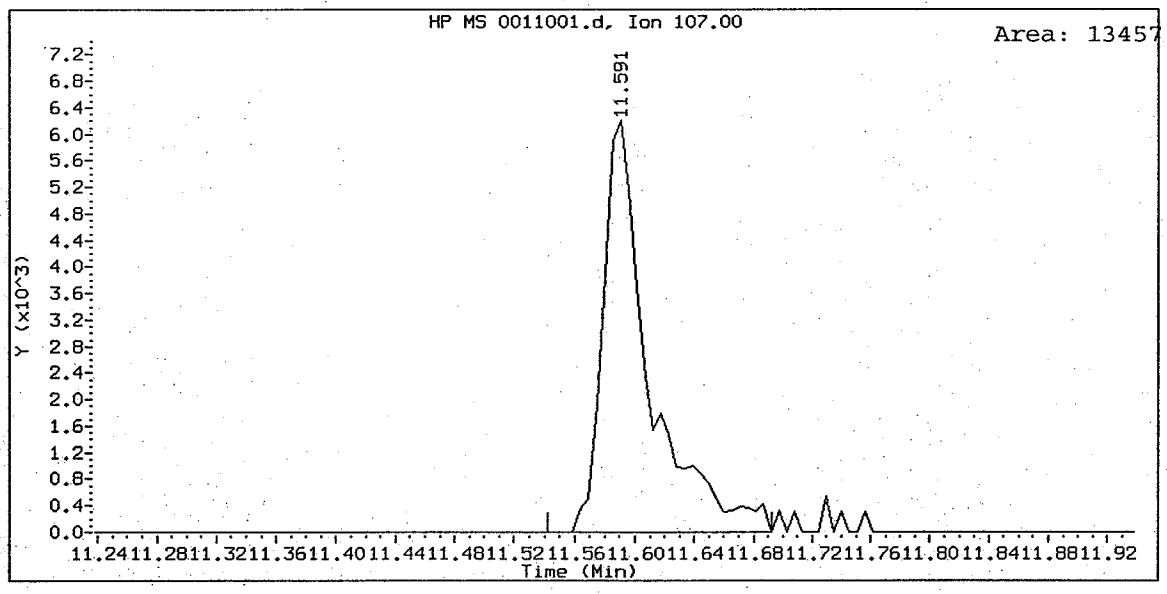
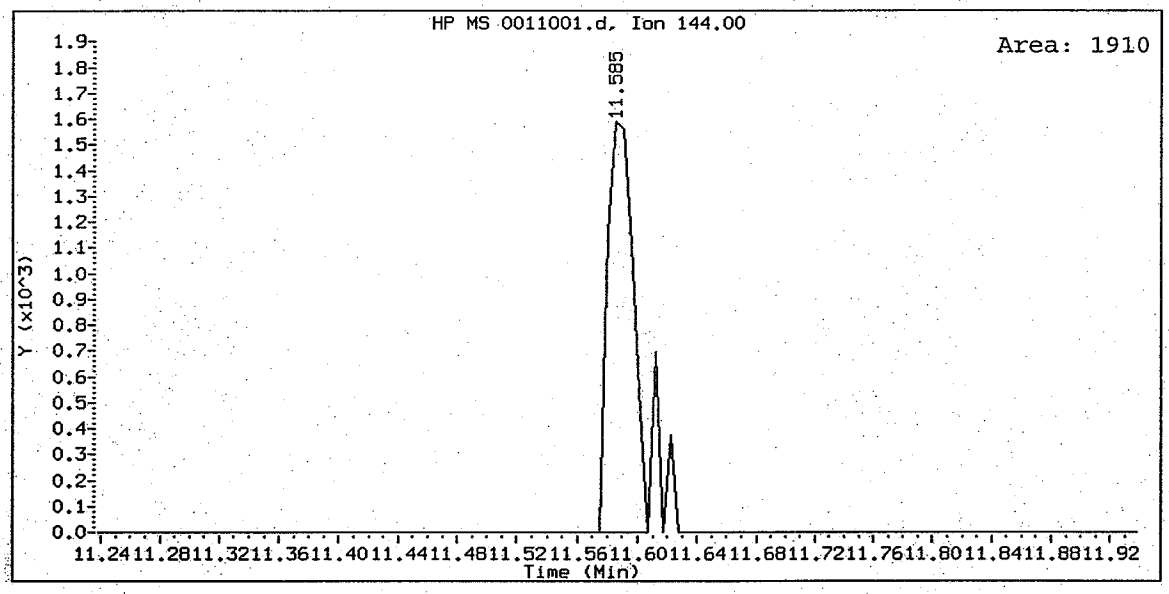
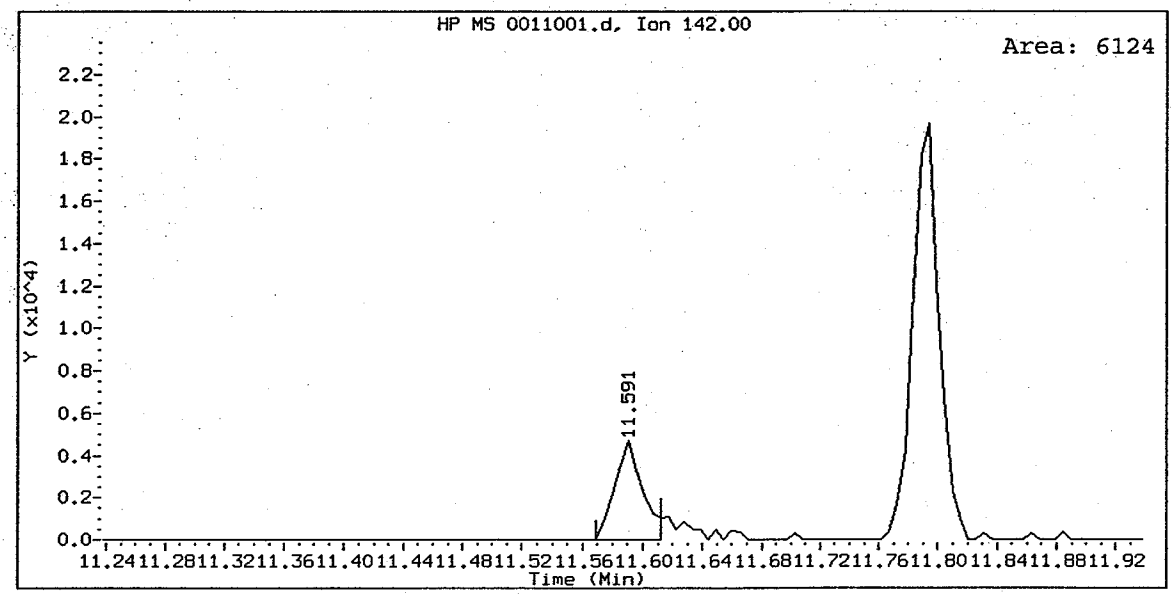
4-Chloro-3-methylphenol Amount: 0.97







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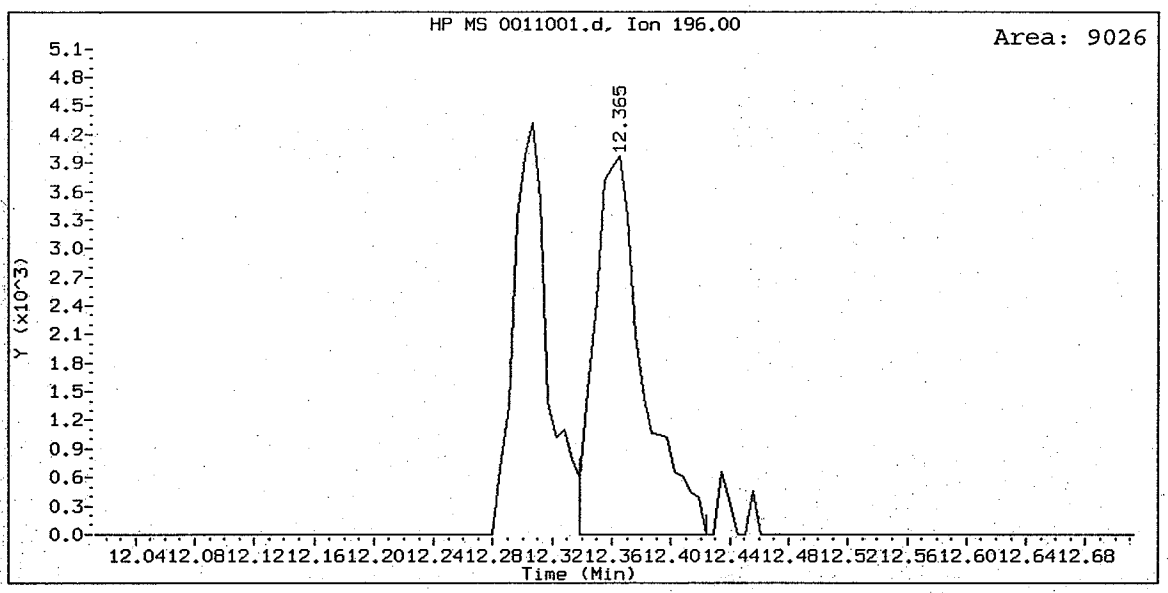
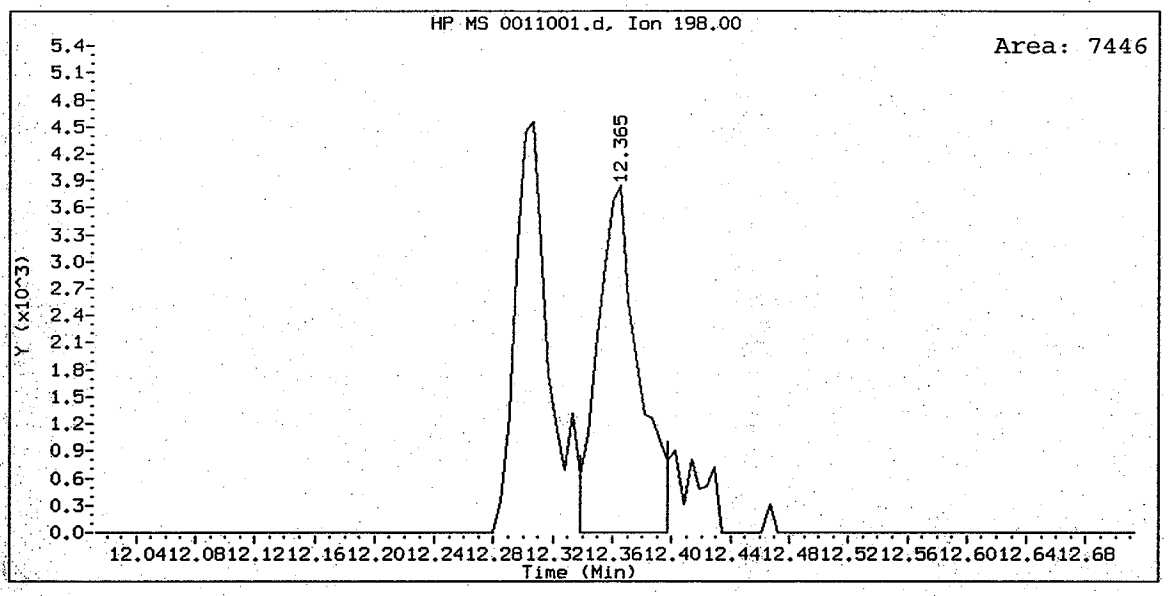
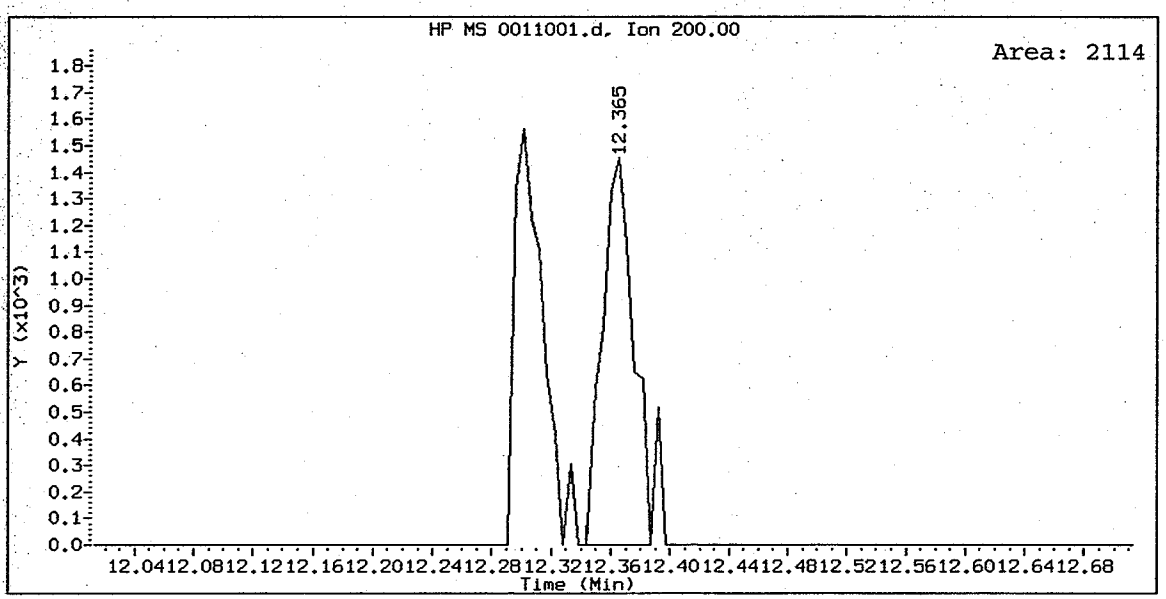
2,4,5-Trichlorophenol Amount: 1.04







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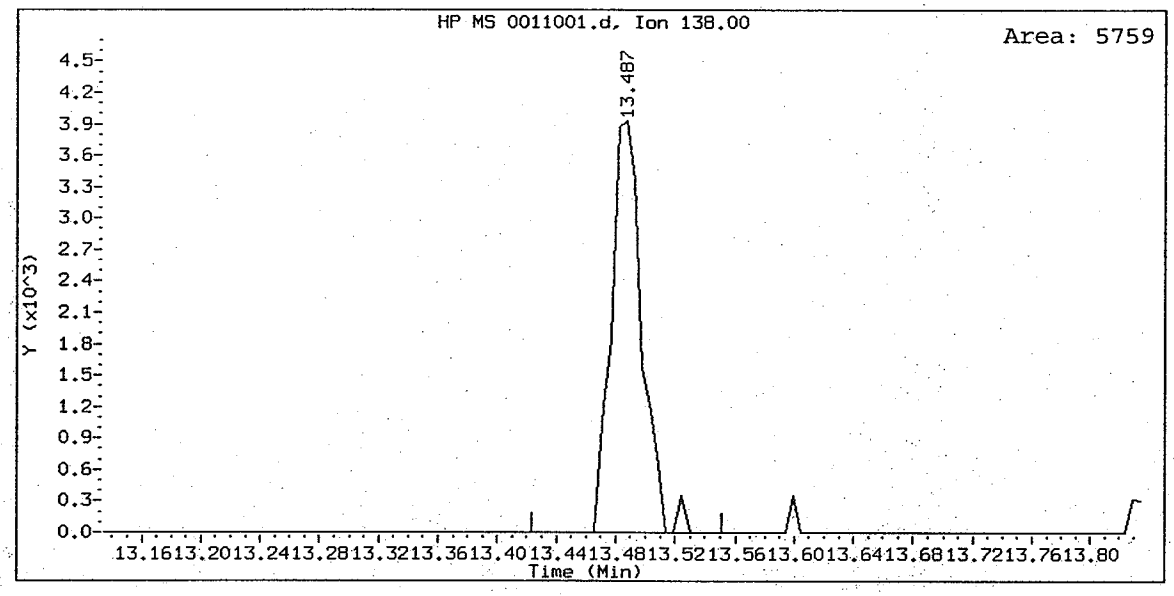
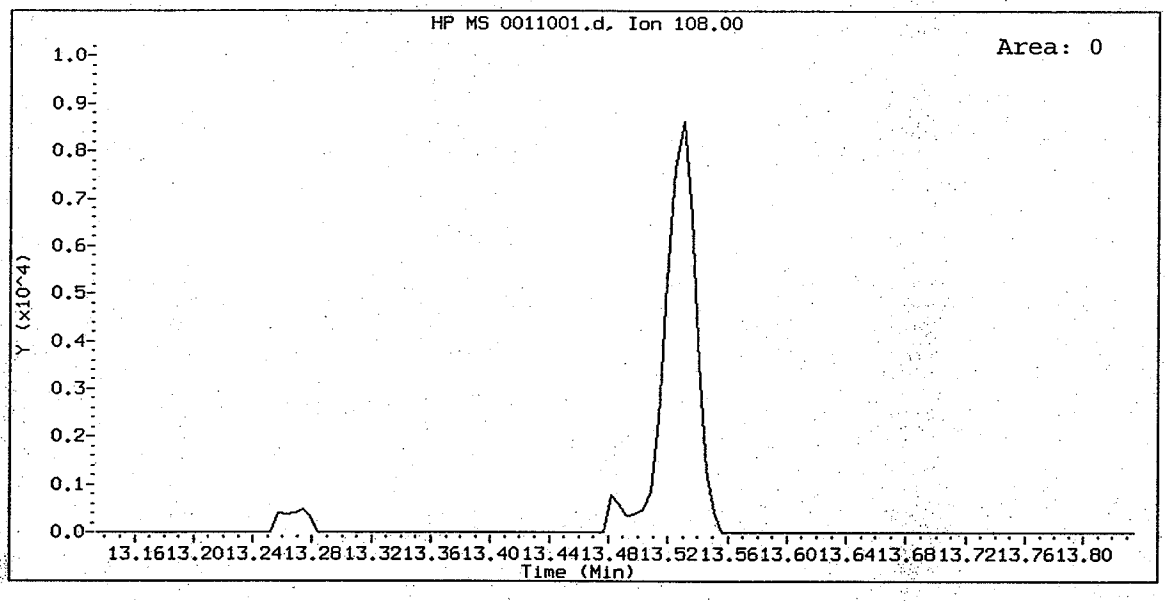
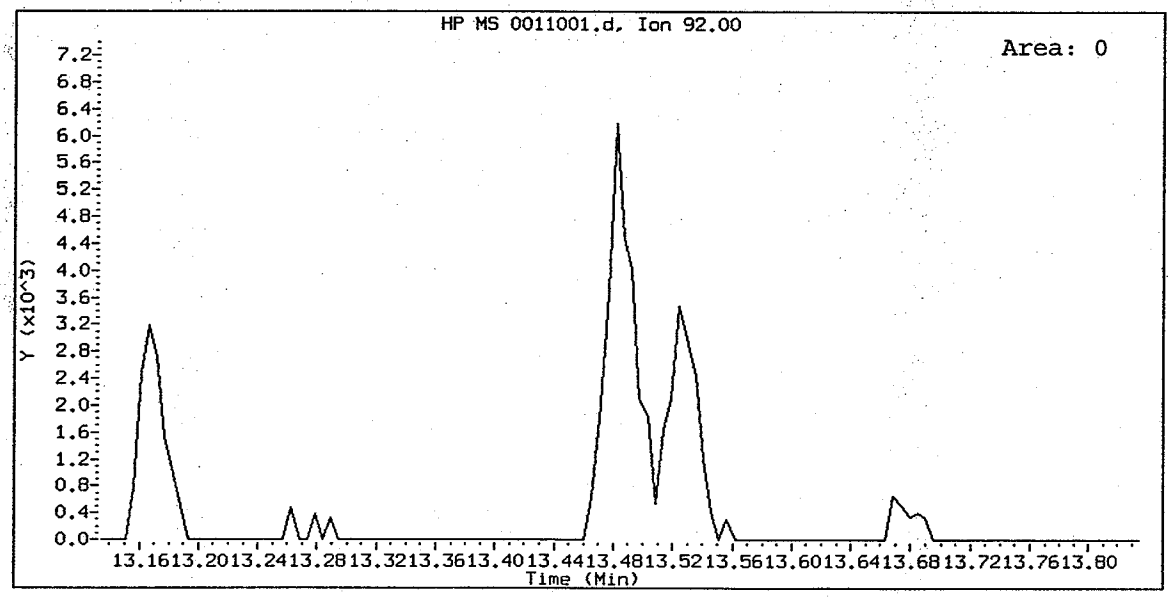
3-Nitroaniline Amount: 0.99







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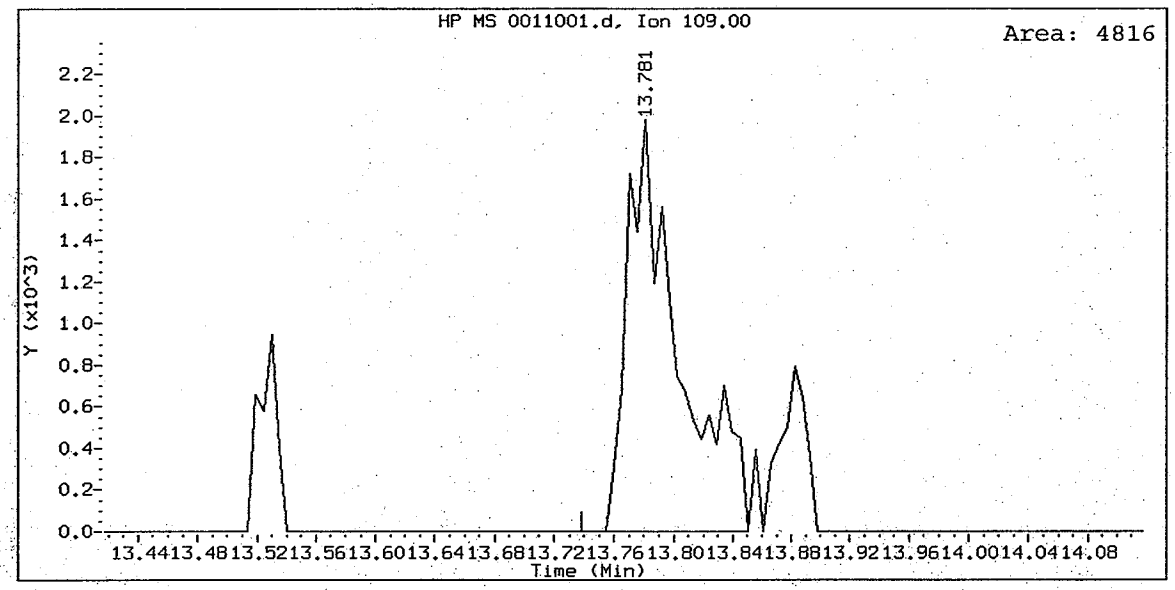
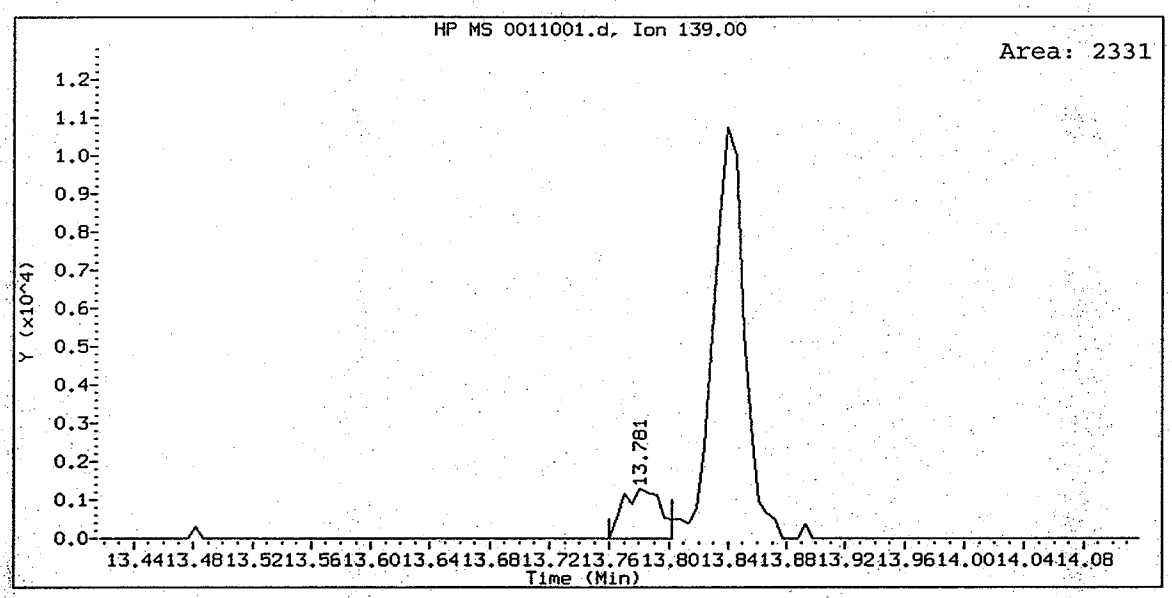
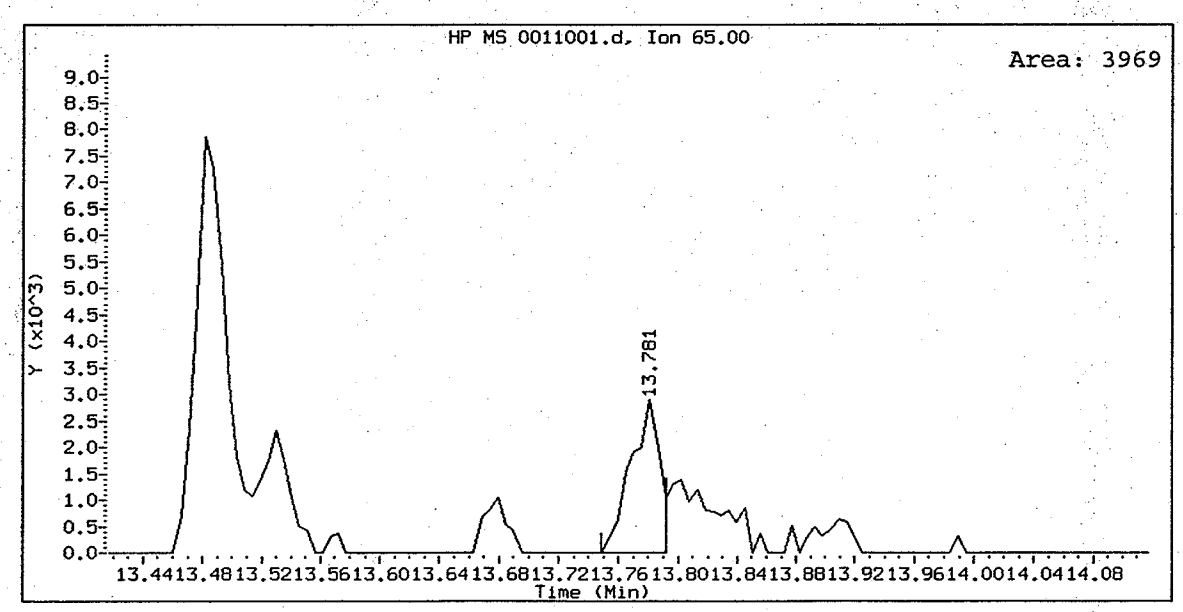
4-Nitrophenol Amount: 0.90







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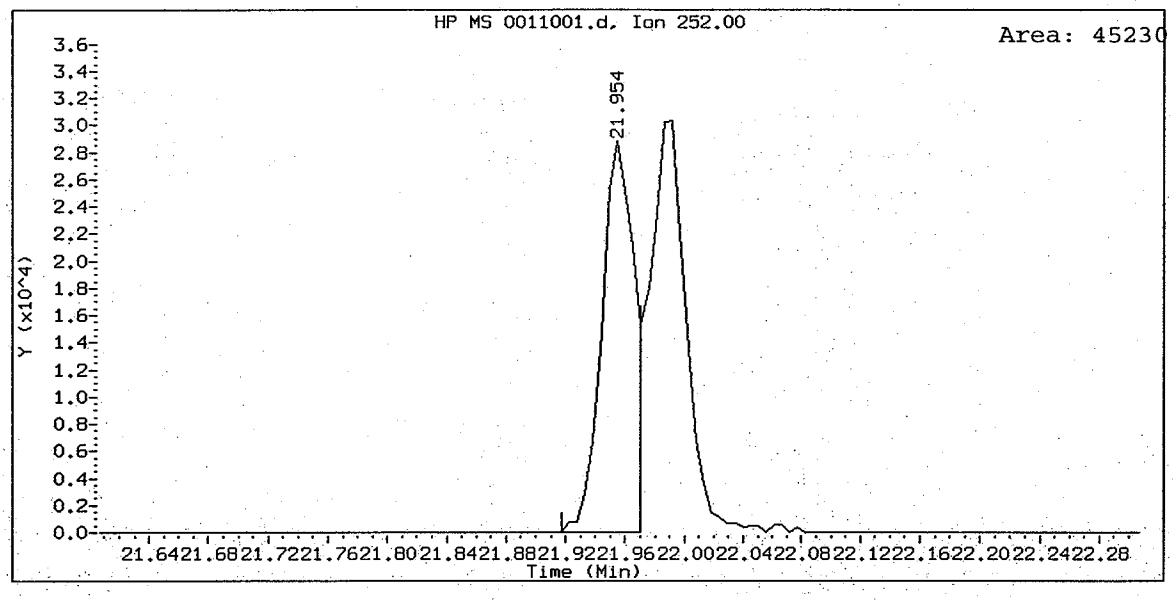
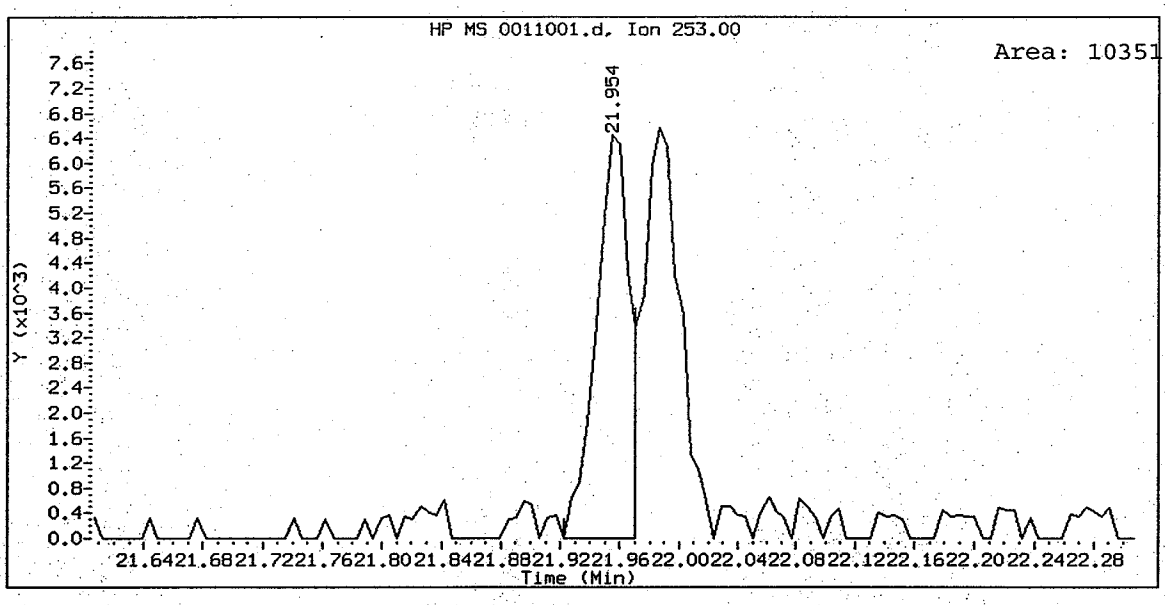
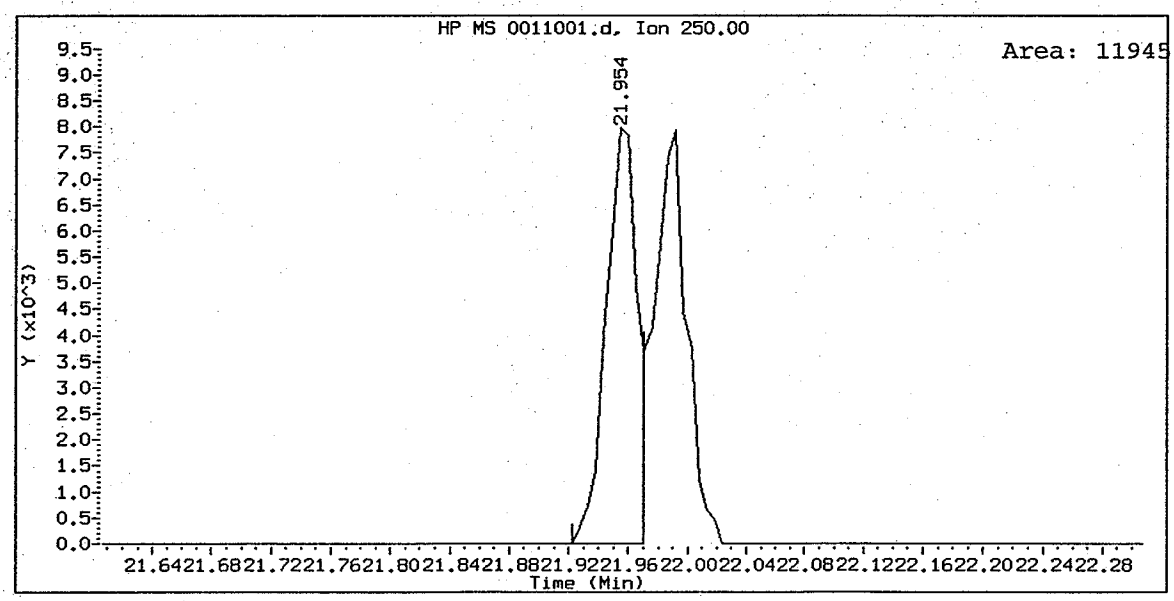
Benzo(b)fluoranthene Amount: 0.95







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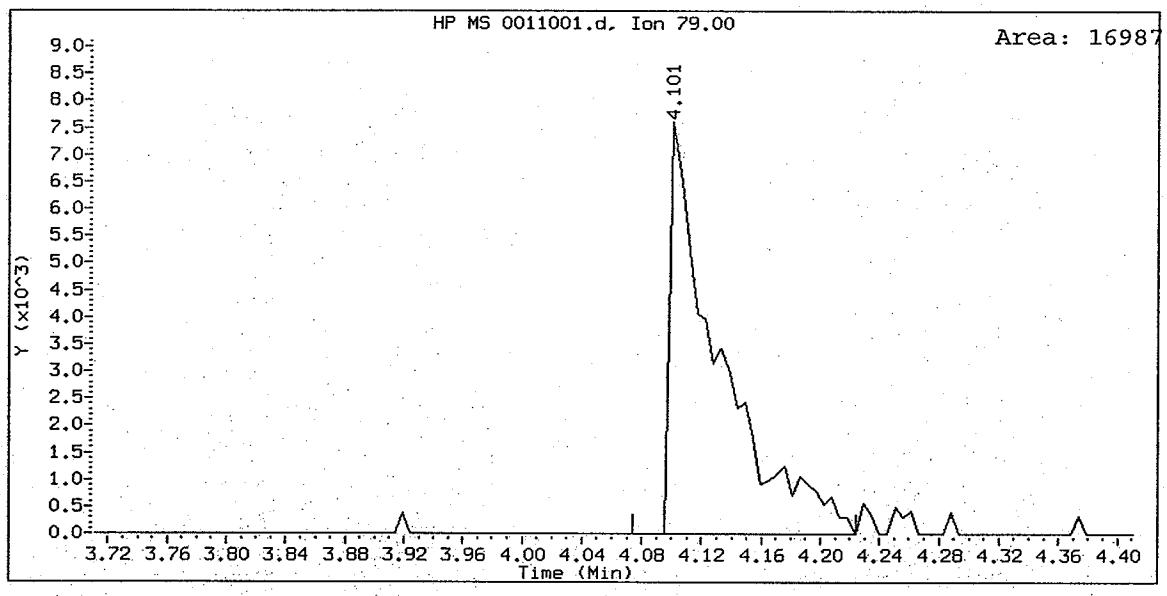
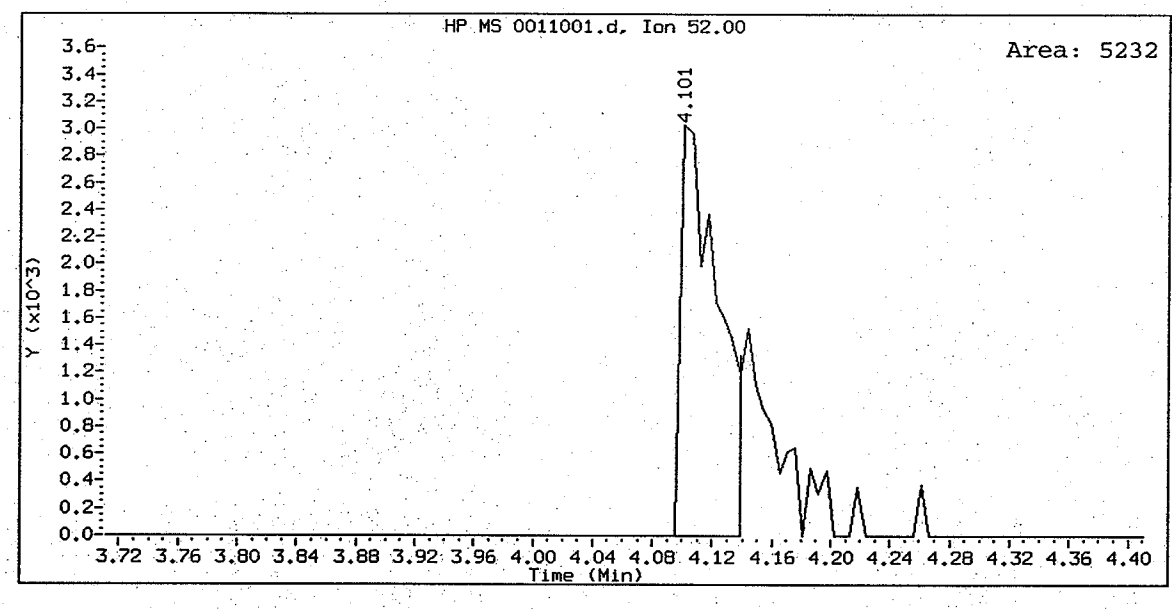
Pyridine Amount: 0.92





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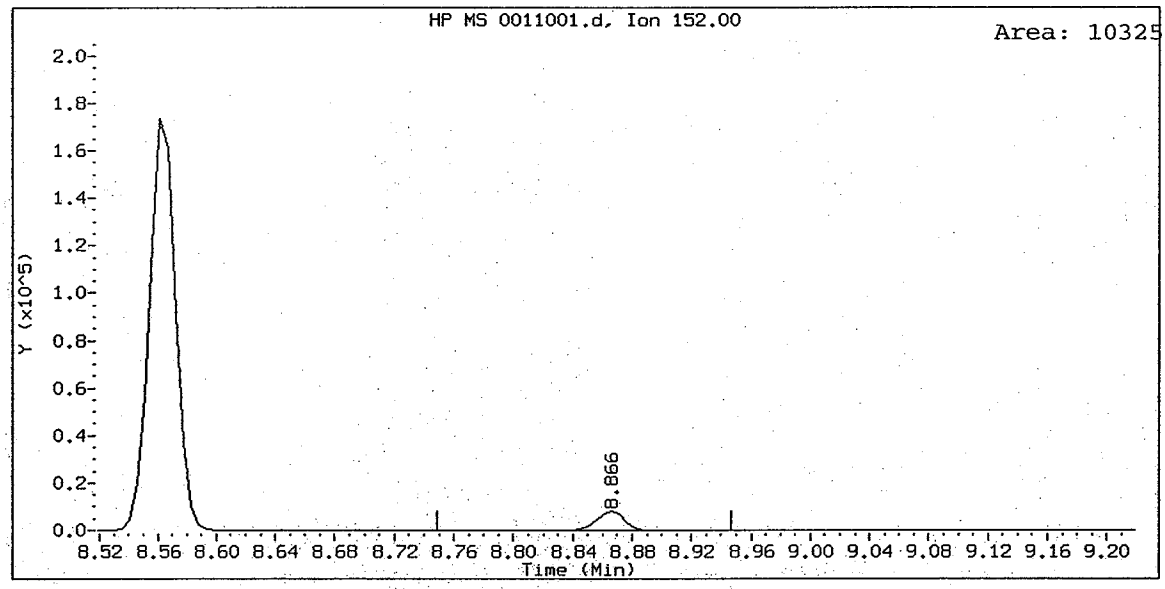
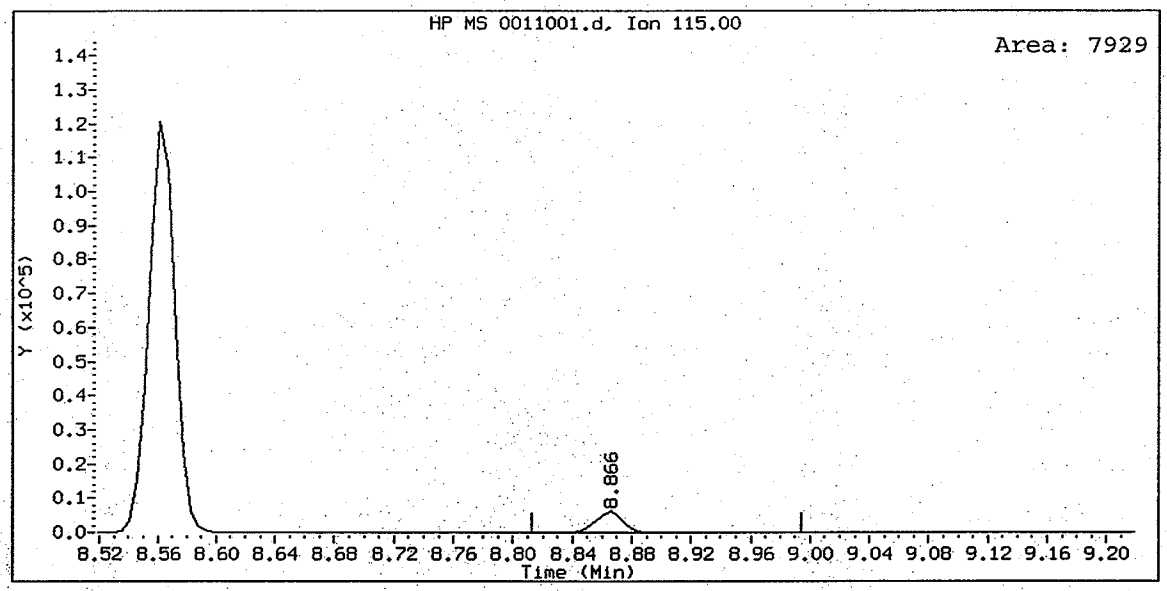
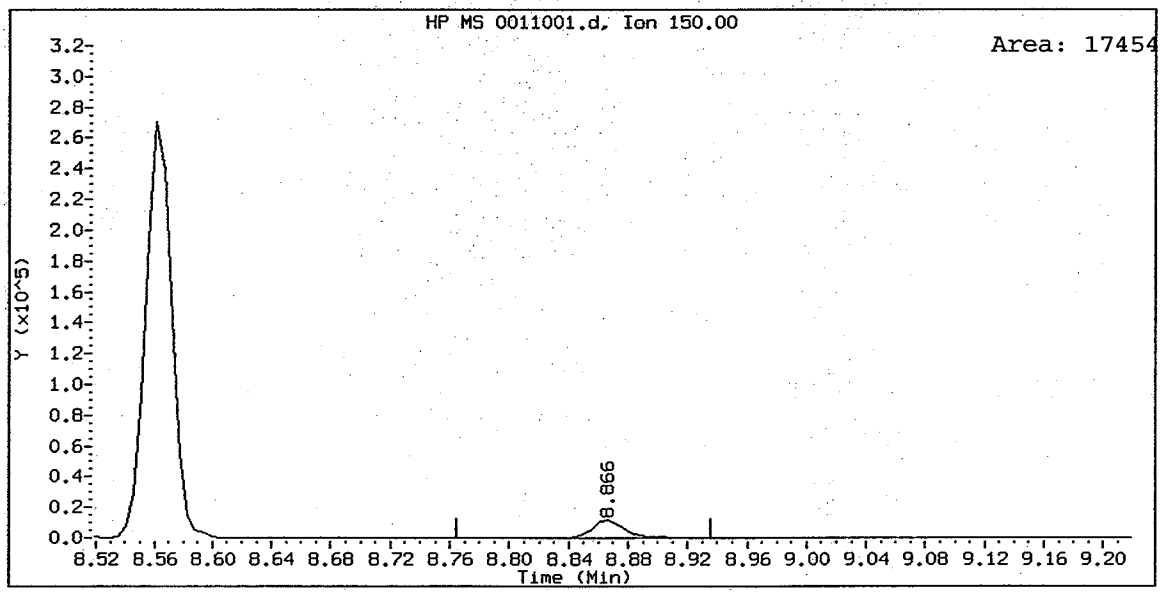
1,2-Dichlorobenzene-d4 Amount: 1.01







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071001.b/0051001.d
Lab Smp Id: ABN 5 Client Smp ID: ABN 5
Inj Date : 01-OCT-2007 13:12
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 5
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20071001.b/SW846.m
Meth Date : 01-Oct-2007 16:04 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 5 Calibration Sample, Level: 2
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	6.575	6.575	(0.768)	70568	5.00000	5.087
$	2 Phenol-d5	99	8.081	8.081	(0.944)	85657	5.00000	4.834
	3 Phenol	94	8.097	8.097	(0.946)	106386	5.00000	4.844
$	5 2-Chlorophenol-d4	132	8.252	8.252	(0.964)	58325	5.00000	4.942
	4 Bis(2-Chloroethyl)ether	93	8.209	8.209	(0.959)	77054	5.00000	5.192
	6 2-Chlorophenol	128	8.273	8.273	(0.966)	65659	5.00000	4.970
	7 1,3-Dichlorobenzene	146	8.503	8.503	(0.993)	75150	5.00000	5.119
*	8 1,4-Dichlorobenzene-d4	152	8.562	8.562	(1.000)	188236	20.0000	
	9 1,4-Dichlorobenzene	146	8.589	8.589	(1.003)	78842	5.00000	5.208
$	10 1,2-Dichlorobenzene-d4	152	8.866	8.866	(1.036)	45248	5.00000	5.113
	12 1,2-Dichlorobenzene	146	8.888	8.888	(1.038)	74293	5.00000	5.218
	11 Benzyl alcohol	108	8.824	8.824	(1.031)	42972	5.00000	5.005
	14 2,2'-oxybis(1-Chloropropane)	45	9.091	9.091	(1.062)	68953	5.00000	5.035
	13 2-Methylphenol	108	9.043	9.043	(1.056)	62557	5.00000	4.957
	17 Hexachloroethane	117	9.385	9.385	(1.096)	35187	5.00000	5.262
	16 N-Nitroso-di-n-propylamine	70	9.305	9.305	(1.087)	68597	5.00000	5.183
	15 4-Methylphenol	108	9.272	9.272	(1.083)	65583	5.00000	4.961
$	18 Nitrobenzene-d5	82	9.491	9.491	(0.893)	102455	5.00000	5.339
	19 Nitrobenzene	77	9.518	9.518	(0.895)	112381	5.00000	5.456
	20 Isophorone	82	9.903	9.903	(0.932)	158974	5.00000	5.242
	21 2-Nitrophenol	139	10.047	10.047	(0.945)	34443	5.00000	5.000
	22 2,4-Dimethylphenol	107	10.127	10.127	(0.953)	79382	5.00000	5.044
	23 Bis(2-Chloroethoxy)methane	93	10.287	10.287	(0.968)	84618	5.00000	5.034
	24 Benzoic acid	105	10.255	10.255	(0.965)	94584	10.0000	8.805 (M)
	25 2,4-Dichlorophenol	162	10.421	10.421	(0.980)	48258	5.00000	4.626
	26 1,2,4-Trichlorobenzene	180	10.565	10.565	(0.994)	63873	5.00000	5.022
*	27 Naphthalene-d8	136	10.629	10.629	(1.000)	597294	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	10.661	10.661	(1.003)	184567	5.00000	5.013
	29 4-Chloroaniline	127	10.784	10.784	(1.015)	69170	5.00000	4.857
	30 Hexachlorobutadiene	225	10.977	10.977	(1.033)	43655	5.00000	5.146
	31 4-Chloro-3-methylphenol	107	11.586	11.586	(1.090)	59190	5.00000	4.857
	32 2-Methylnaphthalene	141	11.794	11.794	(1.110)	93213	5.00000	5.039
	33 Hexachlorocyclopentadiene	237	12.179	12.179	(0.900)	30330	5.00000	4.158
	34 2,4,6-Trichlorophenol	196	12.301	12.301	(0.909)	36821	5.00000	4.542
	35 2,4,5-Trichlorophenol	196	12.360	12.360	(0.914)	36466	5.00000	4.644
$	36 2-Fluorobiphenyl	172	12.435	12.435	(0.919)	132193	5.00000	5.170
	37 2-Chloronaphthalene	162	12.585	12.585	(0.930)	109595	5.00000	4.989
	38 2-Nitroaniline	65	12.804	12.804	(0.946)	50097	5.00000	5.092
	39 Dimethylphthalate	163	13.172	13.172	(0.974)	112986	5.00000	5.083
	40 Acenaphthylene	152	13.274	13.274	(0.981)	169840	5.00000	5.044
	41 2,6-Dinitrotoluene	165	13.274	13.274	(0.981)	24890	5.00000	4.502
*	42 Acenaphthene-d10	164	13.530	13.530	(1.000)	328382	20.0000	
	43 3-Nitroaniline	138	13.482	13.482	(0.996)	24818	5.00000	4.701
	44 Acenaphthene	153	13.578	13.578	(1.004)	105187	5.00000	4.949
	45 2,4-Dinitrophenol	184	13.658	13.658	(1.009)	22588	10.0000	5.516
	46 Dibenzofuran	168	13.840	13.840	(1.023)	151566	5.00000	5.090
	47 4-Nitrophenol	109	13.765	13.765	(1.017)	23230	5.00000	4.813 (M)
	48 2,4-Dinitrotoluene	165	13.909	13.909	(1.028)	33025	5.00000	4.911
	50 Diethylphthalate	149	14.337	14.337	(1.060)	114951	5.00000	5.116
	49 Fluorene	166	14.406	14.406	(1.065)	114971	5.00000	4.889
	51 4-Chlorophenyl-phenylether	204	14.422	14.422	(1.066)	65365	5.00000	4.988
	52 4-Nitroaniline	138	14.486	14.486	(1.071)	21409	5.00000	4.531
	53 4,6-Dinitro-2-methylphenol	198	14.572	14.572	(0.914)	42320	10.0000	8.624
	54 N-Nitrosodiphenylamine	169	14.625	14.625	(0.918)	62764	5.00000	5.081
$	55 2,4,6-Tribromophenol	330	14.834	14.834	(1.096)	15476	5.00000	4.858
	56 4-Bromophenyl-phenylether	248	15.218	15.218	(0.955)	33913	5.00000	5.057
	57 Hexachlorobenzene	284	15.448	15.448	(0.969)	34221	5.00000	5.016
	58 Pentachlorophenol	266	15.742	15.742	(0.988)	19533	5.00000	4.563
*	59 Phenanthrene-d10	188	15.939	15.939	(1.000)	484498	20.0000	
	60 Phenanthrene	178	15.977	15.977	(1.002)	156258	5.00000	5.027
	61 Anthracene	178	16.046	16.046	(1.007)	155662	5.00000	5.001
	62 Carbazole	167	16.319	16.319	(1.024)	132283	5.00000	4.778
	63 Di-n-butylphthalate	149	17.019	17.019	(1.068)	160978	5.00000	4.986
	64 Fluoranthene	202	17.943	17.943	(1.126)	171919	5.00000	4.836
	65 Pyrene	202	18.306	18.306	(0.901)	179921	5.00000	5.323
$	66 Terphenyl-d14	244	18.600	18.600	(0.916)	110906	5.00000	5.242
	67 Butylbenzylphthalate	149	19.471	19.471	(0.959)	75088	5.00000	5.052
	68 Benzo(a)anthracene	228	20.283	20.283	(0.999)	181304	5.00000	4.916
*	69 Chrysene-d12	240	20.309	20.309	(1.000)	470665	20.0000	
	70 3,3'-Dichlorobenzidine	252	20.272	20.272	(0.998)	73983	5.00000	4.902
	71 Chrysene	228	20.347	20.347	(1.002)	163217	5.00000	4.925
	72 bis(2-Ethylhexyl)phthalate	149	20.464	20.464	(0.956)	116734	5.00000	5.125
*	134 Di-n-octylphthalate-d4	153	21.404	21.404	(1.000)	753218	20.0000	
	73 Di-n-octylphthalate	149	21.410	21.410	(1.000)	237668	5.00000	5.470

	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	21.955	21.955	(0.975)	190299	5.00000	4.721
75	Benzo(k)fluoranthene	252	21.987	21.987	(0.977)	219114	5.00000	5.139
76	Benzo(a)pyrene	252	22.425	22.425	(0.996)	180358	5.00000	4.874
* 77	Perylene-d12	264	22.510	22.510	(1.000)	561314	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	24.316	24.316	(1.080)	210004	5.00000	4.786
79	Dibenzo(a,h)anthracene	278	24.343	24.343	(1.081)	173882	5.00000	4.716
80	Benzo(g,h,i)perylene	276	24.316	24.316	(1.080)	210004	5.00000	4.786
90	N-Nitrosodimethylamine	74	4.043	4.043	(0.472)	55009	5.00000	5.104
103	Pyridine	79	4.059	4.059	(0.474)	80429	5.00000	5.042
91	Aniline	93	8.103	8.103	(0.946)	125404	5.00000	4.975
105	1-methylnaphthalene	141	11.970	11.970	(1.126)	92512	5.00000	5.015
93	Benzidine	184	18.172	18.172	(0.895)	94702	5.00000	5.994
111	Azobenzene (1,2-DP-Hydrazine)	77	14.673	14.673	(1.084)	173979	5.00000	5.319
144	alpha-Terpineol	59	10.667	10.667	(1.004)	53666	5.00000	4.804
143	1,4-Dioxane	88	3.284	3.284	(0.384)	33970	5.00000	5.172
$ 137	d8-1,4-Dioxane	96	3.220	3.220	(0.376)	34434	5.00000	5.232
133	Butylatedhydroxytoluene	205	13.680	13.680	(1.011)	113578	5.00000	5.154
115	Tributyl Phosphate	99	14.689	14.689	(0.922)	143130	5.00000	5.021
116	Dibutyl Phenyl Phosphate	175	16.458	16.458	(1.032)	81583	5.00000	4.956
117	Butyl Diphenyl Phosphate	94	18.167	18.167	(0.895)	34020	5.00000	4.913
118	Triphenyl Phosphate	326	19.796	19.796	(0.975)	27931	5.00000	4.990
123	Acetophenone	105	9.251	9.251	(1.080)	97864	5.00000	5.124

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: 0051001.d
Lab Smp Id: ABN 5
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071001.b/SW846.m
Misc Info:

Calibration Date: 01-OCT-2007
Calibration Time: 10:54
Client Smp ID: ABN 5
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	188236	-11.24
27 Naphthalene-d8	656578	328289	1313156	597294	-9.03
42 Acenaphthene-d10	353705	176852	707410	328382	-7.16
59 Phenanthrene-d10	526440	263220	1052880	484498	-7.97
69 Chrysene-d12	581923	290962	1163846	470665	-19.12
134 Di-n-octylphthala	979097	489548	1958194	753218	-23.07
77 Perylene-d12	686531	343266	1373062	561314	-18.24

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.57	8.07	9.07	8.56	-0.07
27 Naphthalene-d8	10.63	10.13	11.13	10.63	0.00
42 Acenaphthene-d10	13.53	13.03	14.03	13.53	0.00
59 Phenanthrene-d10	15.95	15.45	16.45	15.94	-0.04
69 Chrysene-d12	20.32	19.82	20.82	20.31	-0.03
134 Di-n-octylphthala	21.41	20.91	21.91	21.40	-0.03
77 Perylene-d12	22.52	22.02	23.02	22.51	-0.03

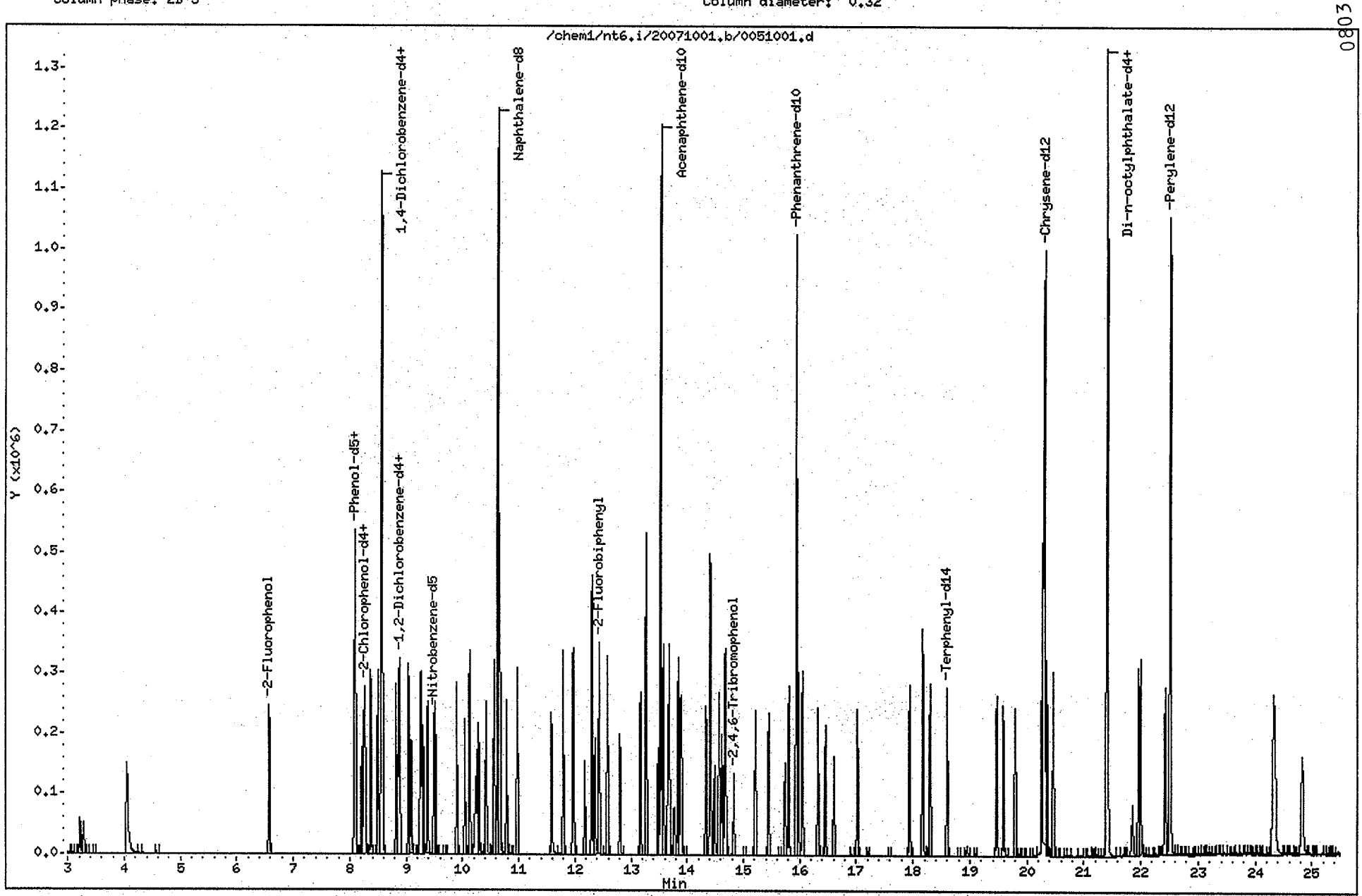
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20071001.b/0051001.d
Date : 01-OCT-2007 13:12
Client ID: ABN 5
Sample Info: ABN 5

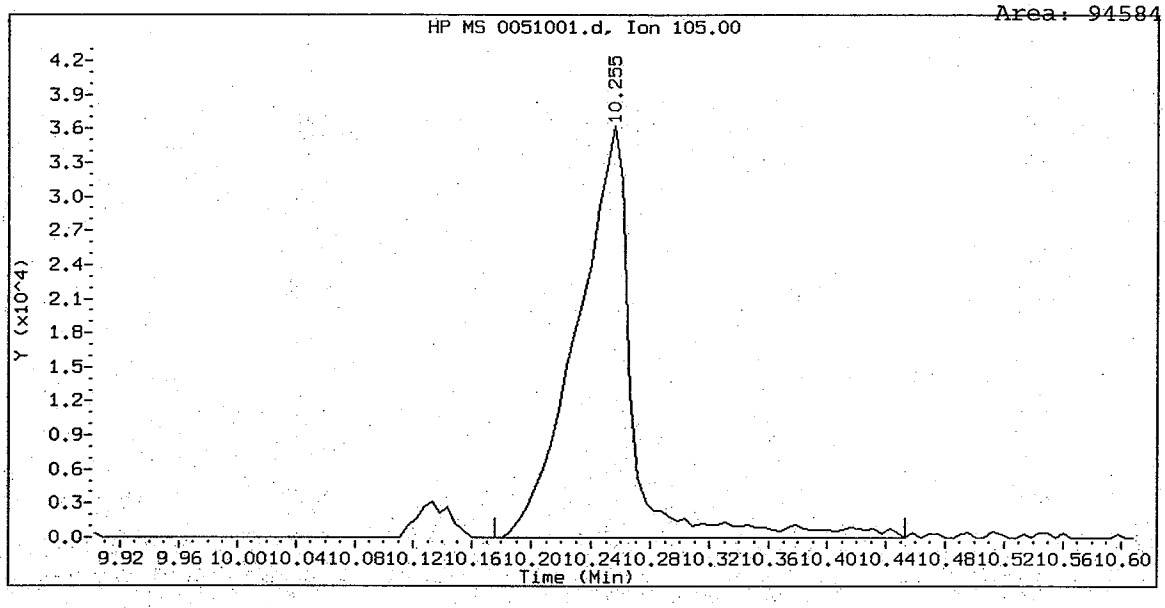
Column phase: ZB-5

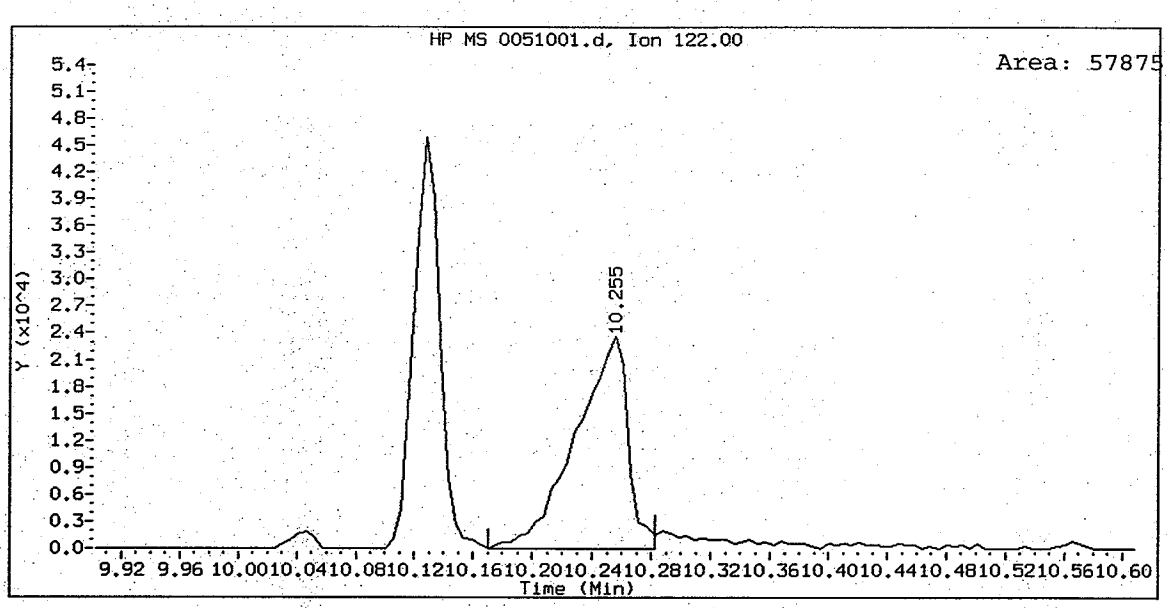
Instrument: nt6.i

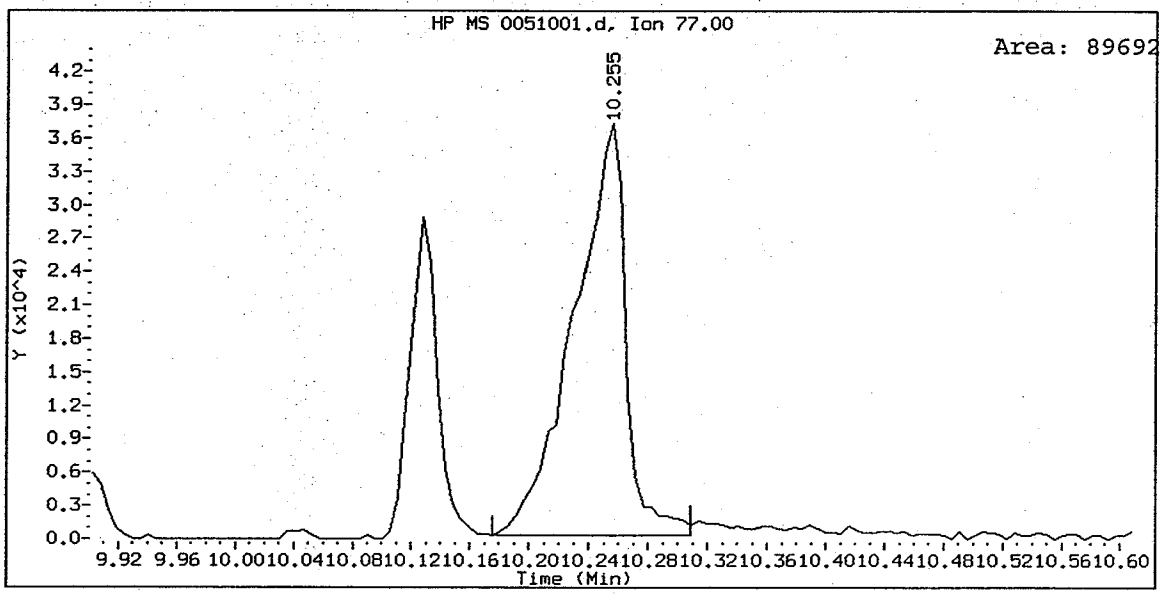
Operator: LJR/VTS
Column diameter: 0.32



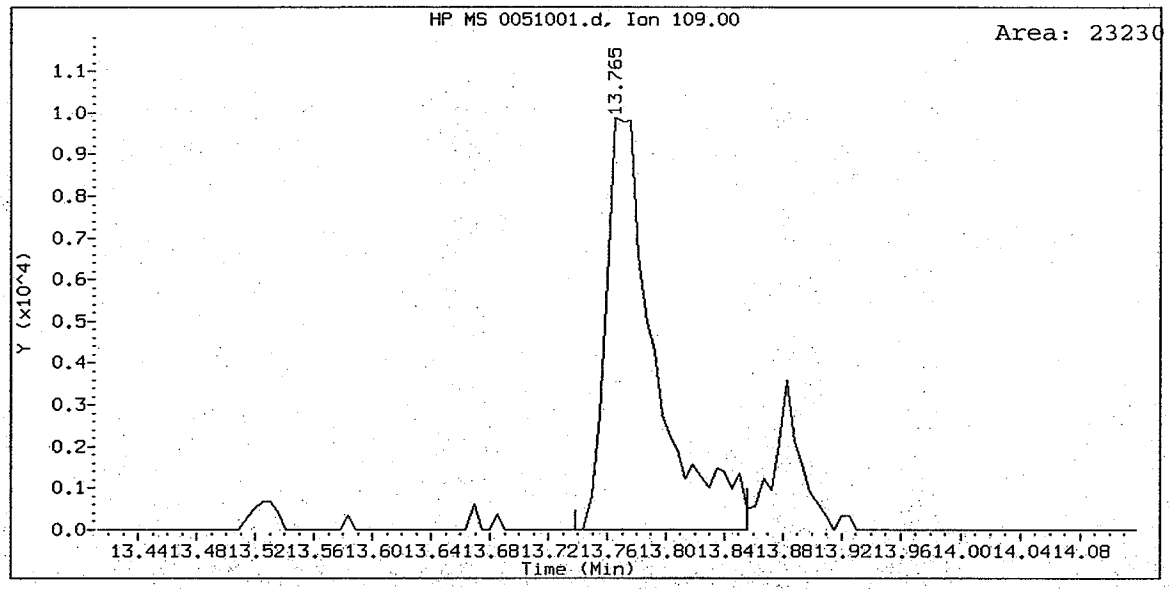
ABN 5, /chem1/nt6.i/20071001.b/0051001.d
Benzoic acid Amount: 8.80

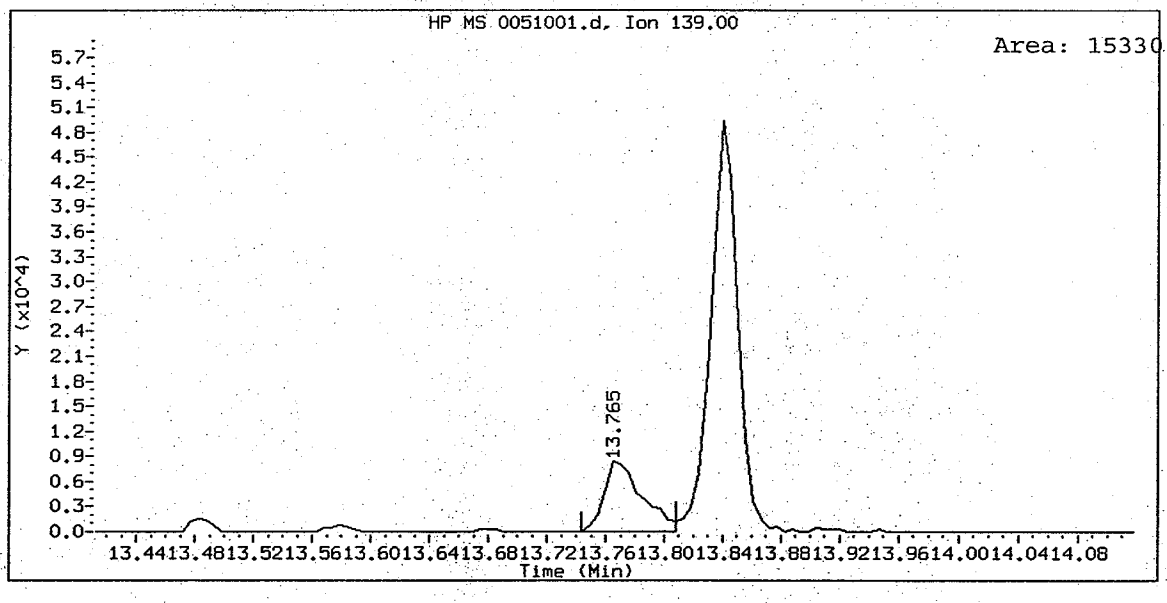


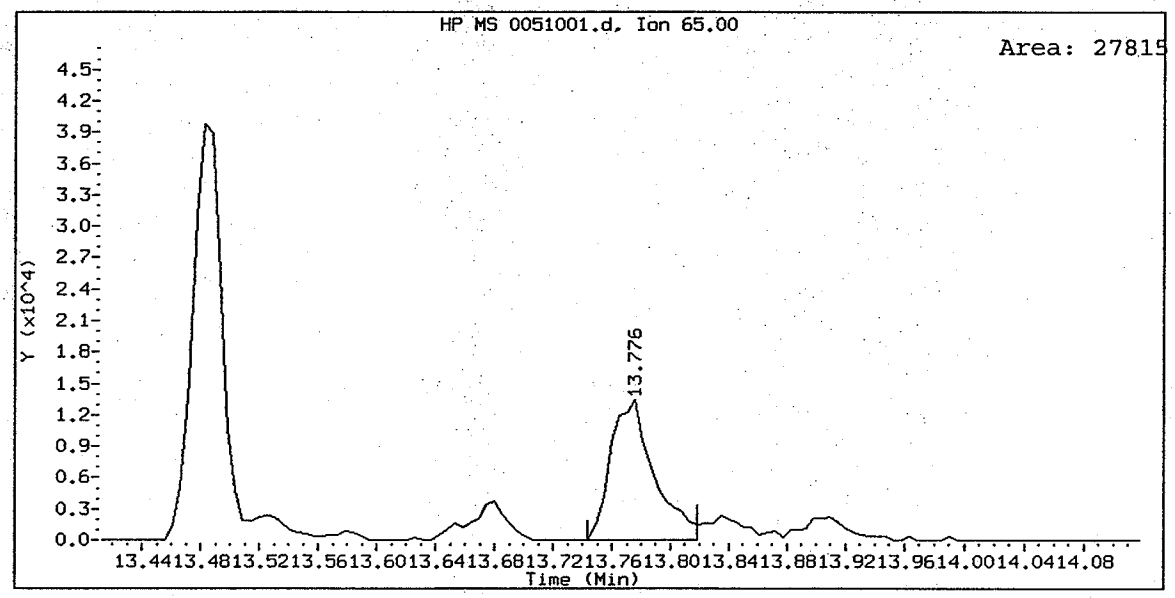




ABN 5, /chem1/nt6.i/20071001.b/0051001.d
4-Nitrophenol Amount: 4.81







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071001.b/0101001.d
Lab Smp Id: ABN 10 Client Smp ID: ABN 10
Inj Date : 01-OCT-2007 13:47
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 10
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20071001.b/SW846.m
Meth Date : 01-Oct-2007 16:04 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.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	6.575	6.575	(0.768)	133268	10.0000	9.644
$	2 Phenol-d5	99	8.082	8.081	(0.944)	166412	10.0000	9.427
	3 Phenol	94	8.103	8.097	(0.946)	217139	10.0000	9.925
$	5 2-Chlorophenol-d4	132	8.252	8.252	(0.964)	112798	10.0000	9.594
	4 Bis(2-Chloroethyl)ether	93	8.215	8.209	(0.959)	147784	10.0000	9.995
	6 2-Chlorophenol	128	8.274	8.273	(0.966)	127099	10.0000	9.657
	7 1,3-Dichlorobenzene	146	8.504	8.503	(0.993)	146137	10.0000	9.992
*	8 1,4-Dichlorobenzene-d4	152	8.562	8.562	(1.000)	187530	20.0000	
	9 1,4-Dichlorobenzene	146	8.589	8.589	(1.003)	151089	10.0000	10.02
$	10 1,2-Dichlorobenzene-d4	152	8.867	8.866	(1.036)	83546	10.0000	9.476
	12 1,2-Dichlorobenzene	146	8.888	8.888	(1.038)	134675	10.0000	9.495
	11 Benzyl alcohol	108	8.824	8.824	(1.031)	85943	10.0000	10.05
	14 2,2'-oxybis(1-Chloropropane)	45	9.097	9.091	(1.062)	128268	10.0000	9.401
	13 2-Methylphenol	108	9.043	9.043	(1.056)	123927	10.0000	9.856
	17 Hexachloroethane	117	9.385	9.385	(1.096)	67242	10.0000	10.09
	16 N-Nitroso-di-n-propylamine	70	9.305	9.305	(1.087)	132427	10.0000	10.04
	15 4-Methylphenol	108	9.273	9.272	(1.083)	129270	10.0000	9.816
$	18 Nitrobenzene-d5	82	9.492	9.491	(0.893)	186887	10.0000	9.994
	19 Nitrobenzene	77	9.524	9.518	(0.896)	205405	10.0000	10.23
	20 Isophorone	82	9.903	9.903	(0.932)	295418	10.0000	9.996
	21 2-Nitrophenol	139	10.047	10.047	(0.945)	63071	10.0000	9.396
	22 2,4-Dimethylphenol	107	10.128	10.127	(0.953)	157603	10.0000	10.28
	23 Bis(2-Chloroethoxy)methane	93	10.288	10.287	(0.968)	163968	10.0000	10.01
	24 Benzoic acid	105	10.288	10.255	(0.968)	196001	20.0000	18.72(M)
	25 2,4-Dichlorophenol	162	10.421	10.421	(0.980)	95030	10.0000	9.348
	26 1,2,4-Trichlorobenzene	180	10.566	10.565	(0.994)	120892	10.0000	9.755
*	27 Naphthalene-d8	136	10.630	10.629	(1.000)	582044	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	28 Naphthalene	128	10.662	10.661	(1.003)	359134	10.0000	10.01
	29 4-Chloroaniline	127	10.790	10.784	(1.015)	134657	10.0000	9.702
	30 Hexachlorobutadiene	225	10.977	10.977	(1.033)	84595	10.0000	10.23
	31 4-Chloro-3-methylphenol	107	11.586	11.586	(1.090)	115787	10.0000	9.750
	32 2-Methylnaphthalene	141	11.794	11.794	(1.110)	182125	10.0000	10.10
	33 Hexachlorocyclopentadiene	237	12.179	12.179	(0.900)	63280	10.0000	9.049
	34 2,4,6-Trichlorophenol	196	12.302	12.301	(0.909)	75054	10.0000	9.656
	35 2,4,5-Trichlorophenol	196	12.361	12.360	(0.914)	69623	10.0000	9.247
$	36 2-Fluorobiphenyl	172	12.435	12.435	(0.919)	237143	10.0000	9.673
	37 2-Chloronaphthalene	162	12.585	12.585	(0.930)	205924	10.0000	9.777
	38 2-Nitroaniline	65	12.804	12.804	(0.946)	97429	10.0000	10.33
	39 Dimethylphthalate	163	13.173	13.172	(0.974)	209956	10.0000	9.851
	40 Acenaphthylene	152	13.274	13.274	(0.981)	317464	10.0000	9.833
	41 2,6-Dinitrotoluene	165	13.274	13.274	(0.981)	49601	10.0000	9.357
*	42 Acenaphthene-d10	164	13.530	13.530	(1.000)	314859	20.0000	
	43 3-Nitroaniline	138	13.488	13.482	(0.997)	48000	10.0000	9.482
	44 Acenaphthene	153	13.579	13.578	(1.004)	199304	10.0000	9.781
	45 2,4-Dinitrophenol	184	13.659	13.658	(1.009)	58066	20.0000	14.79
	46 Dibenzofuran	168	13.840	13.840	(1.023)	283640	10.0000	9.935
	47 4-Nitrophenol	109	13.771	13.765	(1.018)	47278	10.0000	10.22 (M)
	48 2,4-Dinitrotoluene	165	13.910	13.909	(1.028)	61555	10.0000	9.546
	50 Diethylphthalate	149	14.337	14.337	(1.060)	212377	10.0000	9.857
	49 Fluorene	166	14.407	14.406	(1.065)	215709	10.0000	9.566
	51 4-Chlorophenyl-phenylether	204	14.423	14.422	(1.066)	120859	10.0000	9.619
	52 4-Nitroaniline	138	14.492	14.486	(1.071)	42977	10.0000	9.486
	53 4,6-Dinitro-2-methylphenol	198	14.572	14.572	(0.914)	86805	20.0000	18.60
	54 N-Nitrosodiphenylamine	169	14.620	14.625	(0.917)	111462	10.0000	9.489
$	55 2,4,6-Tribromophenol	330	14.834	14.834	(1.096)	28202	10.0000	9.232
	56 4-Bromophenyl-phenylether	248	15.213	15.218	(0.954)	64622	10.0000	10.13
	57 Hexachlorobenzene	284	15.454	15.448	(0.970)	62426	10.0000	9.622
	58 Pentachlorophenol	266	15.742	15.742	(0.988)	38588	10.0000	9.479
*	59 Phenanthrene-d10	188	15.940	15.939	(1.000)	460748	20.0000	
	60 Phenanthrene	178	15.977	15.977	(1.002)	292189	10.0000	9.884
	61 Anthracene	178	16.047	16.046	(1.007)	290530	10.0000	9.815
	62 Carbazole	167	16.324	16.319	(1.024)	256153	10.0000	9.729
	63 Di-n-butylphthalate	149	17.019	17.019	(1.068)	307354	10.0000	10.01
	64 Fluoranthene	202	17.943	17.943	(1.126)	336235	10.0000	9.946
	65 Pyrene	202	18.306	18.306	(0.901)	349912	10.0000	9.906
$	66 Terphenyl-d14	244	18.600	18.600	(0.916)	217341	10.0000	9.830
	67 Butylbenzylphthalate	149	19.471	19.471	(0.959)	158873	10.0000	10.23
	68 Benzo(a)anthracene	228	20.283	20.283	(0.999)	390846	10.0000	10.14
*	69 Chrysene-d12	240	20.310	20.309	(1.000)	491821	20.0000	
	70 3,3'-Dichlorobenzidine	252	20.272	20.272	(0.998)	156704	10.0000	9.936
	71 Chrysene	228	20.352	20.347	(1.002)	346437	10.0000	10.00
	72 bis(2-Ethylhexyl)phthalate	149	20.465	20.464	(0.956)	237828	10.0000	9.579
*	134 Di-n-octylphthalate-d4	153	21.405	21.404	(1.000)	821057	20.0000	
	73 Di-n-octylphthalate	149	21.410	21.410	(1.000)	481121	10.0000	10.16

	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	21.960	21.955	(0.976)	425035	10.0000	10.15
75	Benzo(k)fluoranthene	252	21.992	21.987	(0.977)	439615	10.0000	9.923
76	Benzo(a)pyrene	252	22.425	22.425	(0.996)	373607	10.0000	9.718
* 77	Perylene-d12	264	22.511	22.510	(1.000)	583204	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	24.322	24.316	(1.080)	434664	10.0000	9.533
79	Dibenzo(a,h)anthracene	278	24.343	24.343	(1.081)	364749	10.0000	9.522
80	Benzo(g,h,i)perylene	276	24.322	24.316	(1.080)	434664	10.0000	9.533
90	N-Nitrosodimethylamine	74	4.048	4.043	(0.473)	108577	10.0000	10.11
103	Pyridine	79	4.048	4.059	(0.473)	160067	10.0000	10.07
91	Aniline	93	8.103	8.103	(0.946)	245519	10.0000	9.776
105	1-methylnaphthalene	141	11.971	11.970	(1.126)	178866	10.0000	9.950
93	Benzidine	184	18.173	18.172	(0.895)	184173	10.0000	11.15
111	Azobenzene (1,2-DP-Hydrazine)	77	14.674	14.673	(1.084)	320345	10.0000	10.21
144	alpha-Terpineol	59	10.667	10.667	(1.004)	109287	10.0000	10.04
143	1,4-Dioxane	88	3.279	3.284	(0.383)	64930	10.0000	9.922
$ 137	d8-1,4-Dioxane	96	3.215	3.220	(0.375)	63693	10.0000	9.715
133	Butylatedhydroxytoluene	205	13.680	13.680	(1.011)	207528	10.0000	9.822
115	Tributyl Phosphate	99	14.695	14.689	(0.922)	263740	10.0000	9.728
116	Dibutyl Phenyl Phosphate	175	16.458	16.458	(1.032)	152503	10.0000	9.742
117	Butyl Diphenyl Phosphate	94	18.173	18.167	(0.895)	70825	10.0000	9.789
118	Triphenyl Phosphate	326	19.797	19.796	(0.975)	57644	10.0000	9.856
123	Acetophenone	105	9.251	9.251	(1.080)	193969	10.0000	10.19

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: 0101001.d
Lab Smp Id: ABN 10
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071001.b/SW846.m
Misc Info:

Calibration Date: 01-OCT-2007
Calibration Time: 10:54
Client Smp ID: ABN 10
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	187530	-11.57
27 Naphthalene-d8	656578	328289	1313156	582044	-11.35
42 Acenaphthene-d10	353705	176852	707410	314859	-10.98
59 Phenanthrene-d10	526440	263220	1052880	460748	-12.48
69 Chrysene-d12	581923	290962	1163846	491821	-15.48
134 Di-n-octylphthala	979097	489548	1958194	821057	-16.14
77 Perylene-d12	686531	343266	1373062	583204	-15.05

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.57	8.07	9.07	8.56	-0.06
27 Naphthalene-d8	10.63	10.13	11.13	10.63	0.00
42 Acenaphthene-d10	13.53	13.03	14.03	13.53	0.00
59 Phenanthrene-d10	15.95	15.45	16.45	15.94	-0.03
69 Chrysene-d12	20.32	19.82	20.82	20.31	-0.03
134 Di-n-octylphthala	21.41	20.91	21.91	21.40	-0.03
77 Perylene-d12	22.52	22.02	23.02	22.51	-0.02

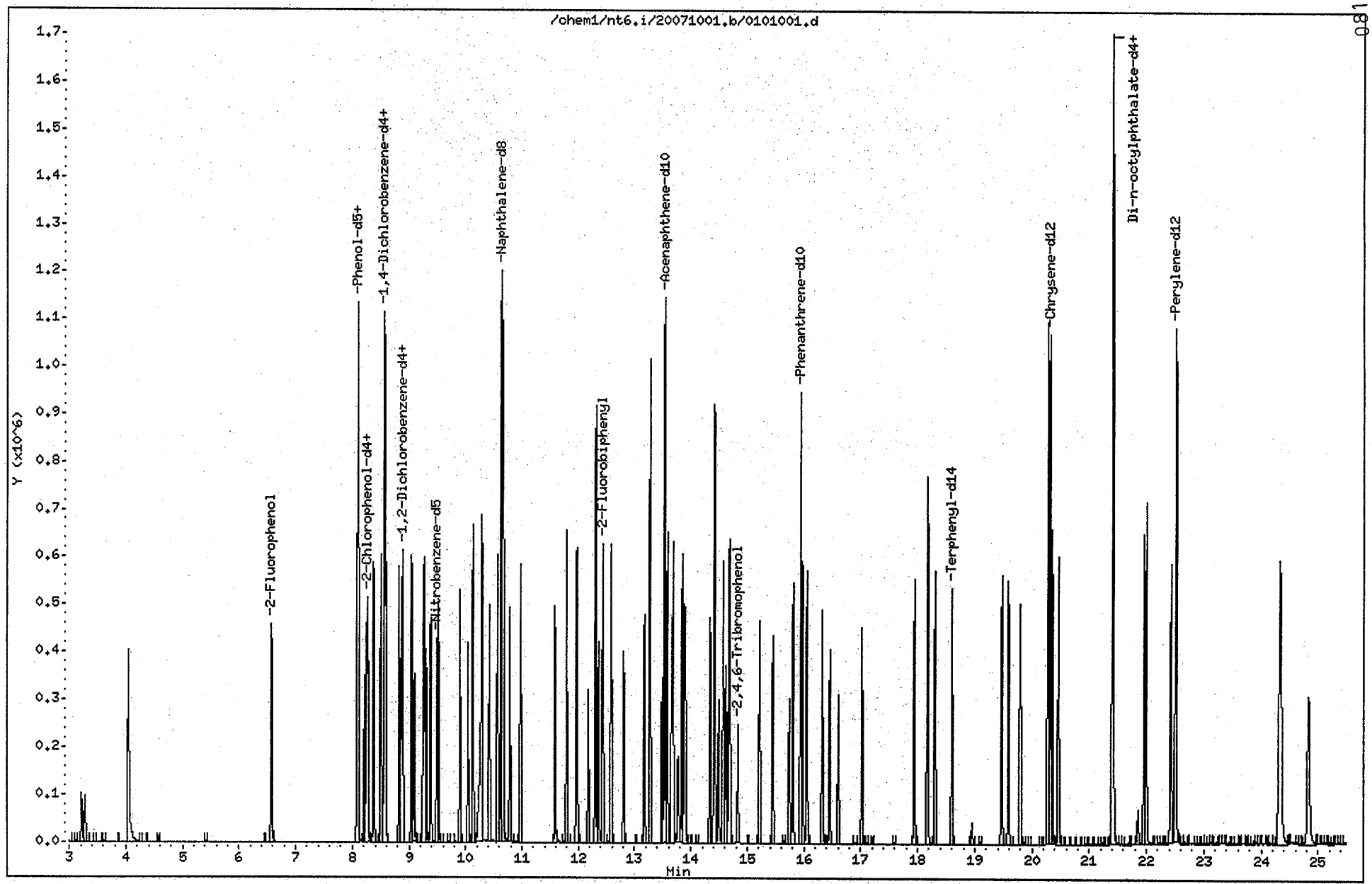
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20071001.b/0101001.d
Date : 01-OCT-2007 13:47
Client ID: ABN 10
Sample Info: ABN 10

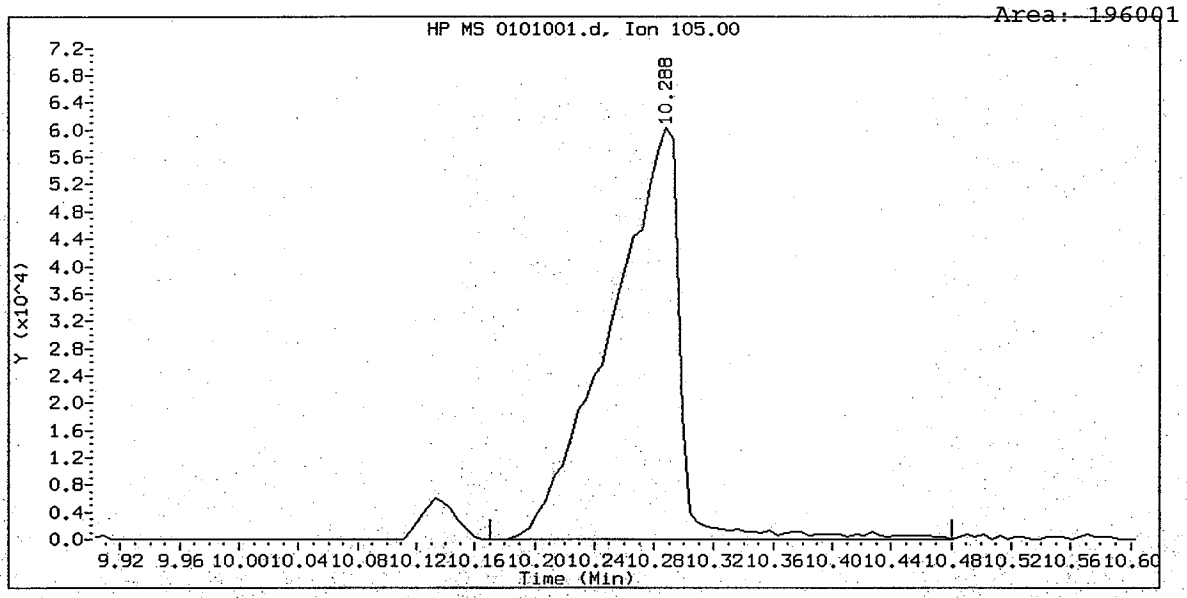
Instrument: nt6.i

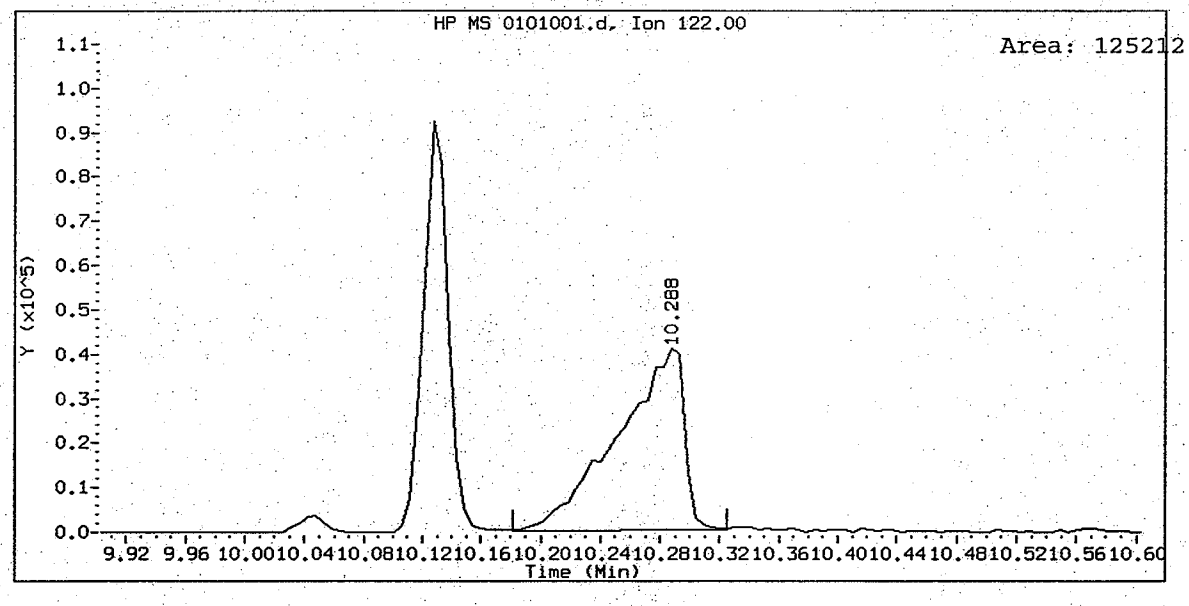
Operator: LJR/VTS
Column diameter: 0.32

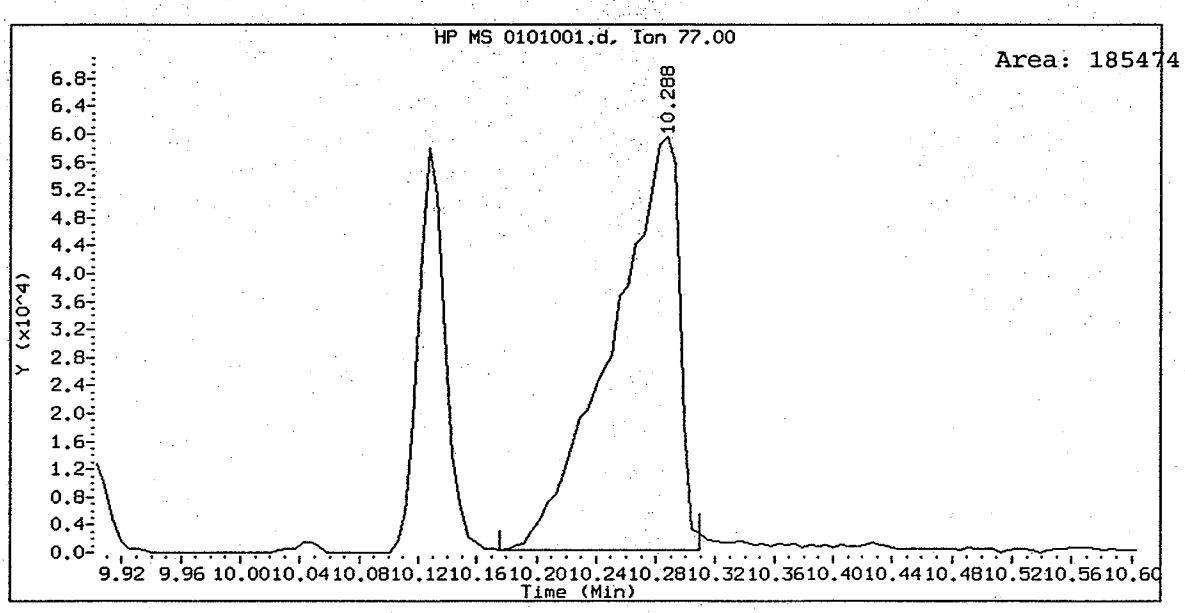
Column phase: ZB-5



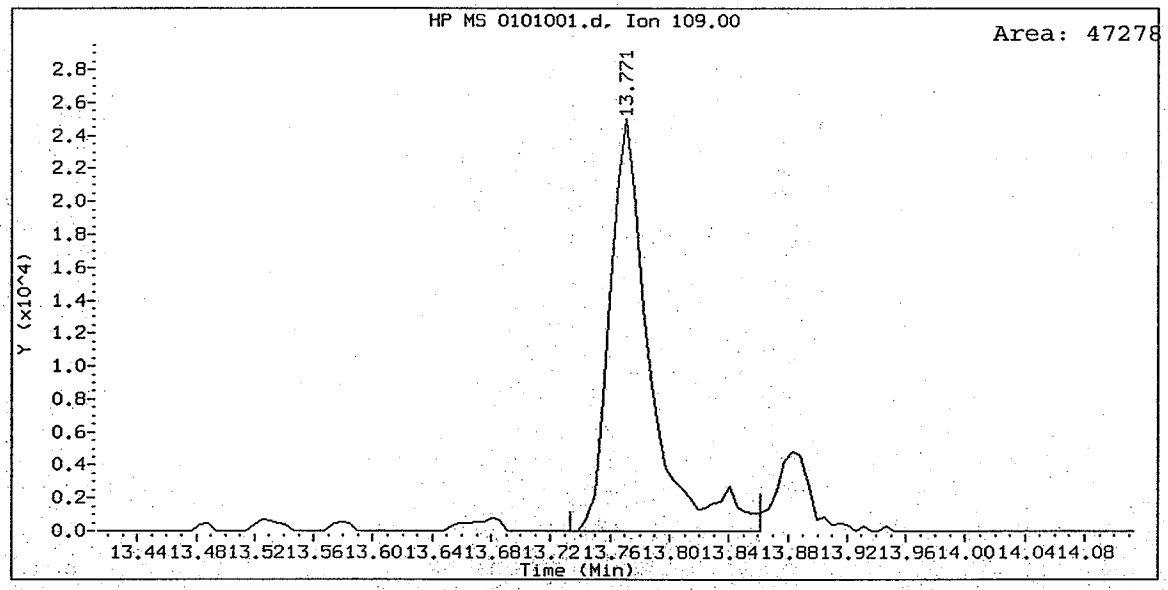
ABN 10, /chem1/nt6.i/20071001.b/0101001.d
Benzoic acid Amount: 18.72

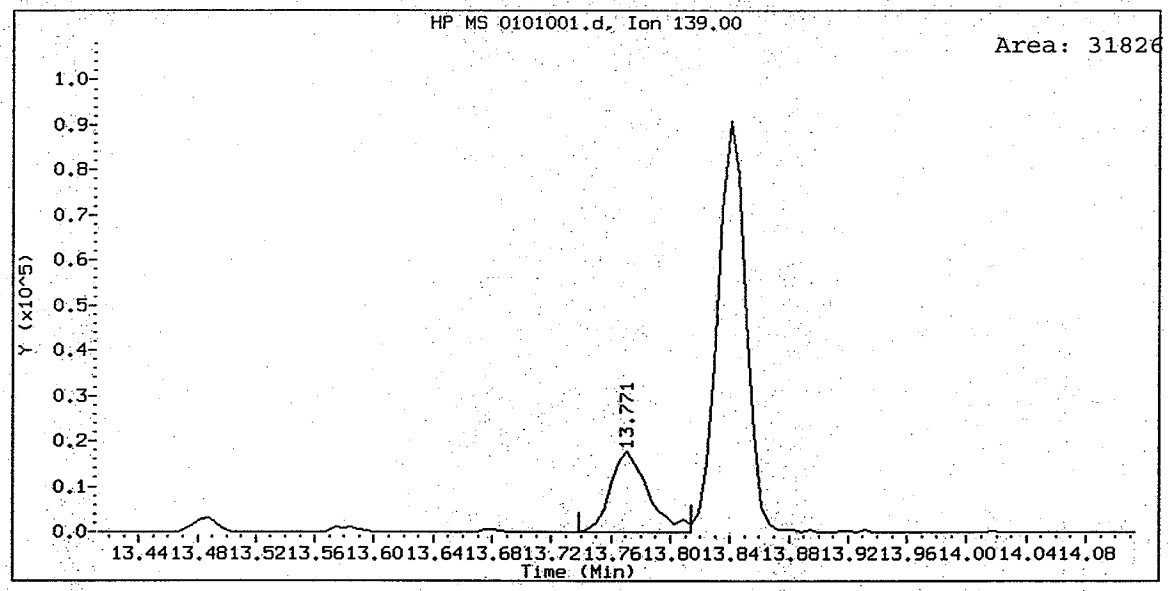


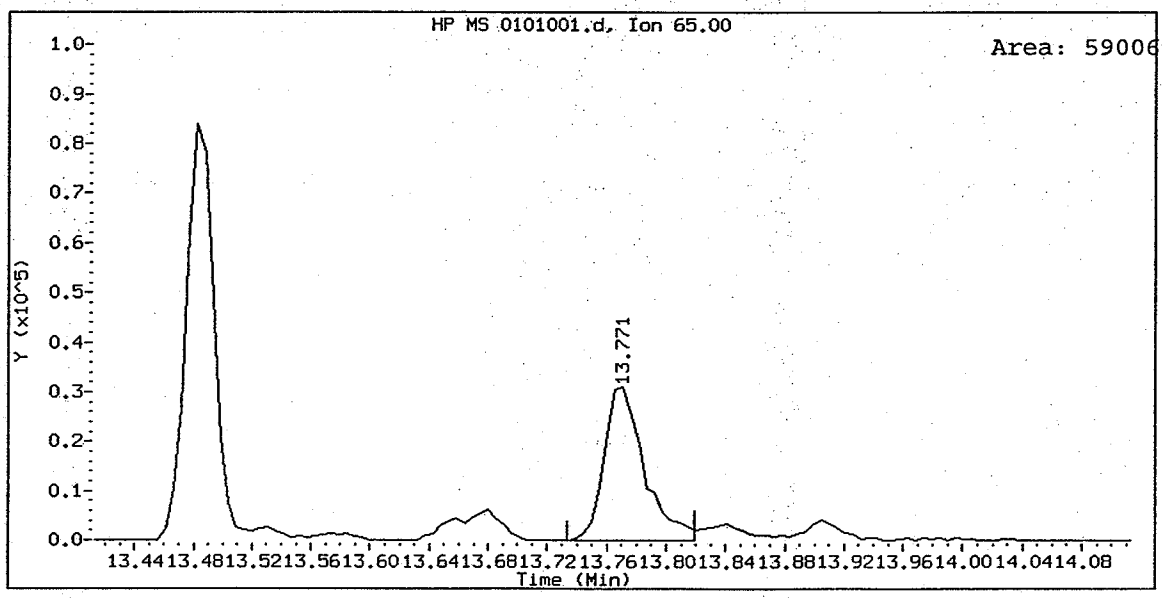




ABN 10, /chem1/nt6.i/20071001.b/0101001.d
4-Nitrophenol Amount: 10.22







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071001.b/0251001.d
Lab Smp Id: ABN 25 Client Smp ID: ABN 25
Inj Date : 01-OCT-2007 10:54
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20071001.b/SW846.m
Meth Date : 01-Oct-2007 16:04 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

LJR 10/1/07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.580	6.575	(0.768)	385264	25.0000	24.65
$	2 Phenol-d5	99	8.087	8.081	(0.944)	503304	25.0000	25.21
	3 Phenol	94	8.108	8.097	(0.946)	644360	25.0000	26.04
$	5 2-Chlorophenol-d4	132	8.252	8.252	(0.963)	331715	25.0000	24.95
	4 Bis(2-Chloroethyl)ether	93	8.220	8.209	(0.959)	407325	25.0000	24.36
	6 2-Chlorophenol	128	8.279	8.273	(0.966)	370729	25.0000	24.91
	7 1,3-Dichlorobenzene	146	8.504	8.503	(0.993)	409804	25.0000	24.78
*	8 1,4-Dichlorobenzene-d4	152	8.568	8.562	(1.000)	212076	20.0000	
	9 1,4-Dichlorobenzene	146	8.589	8.589	(1.002)	427312	25.0000	25.05
$	10 1,2-Dichlorobenzene-d4	152	8.867	8.866	(1.035)	241738	25.0000	24.24
	12 1,2-Dichlorobenzene	146	8.888	8.888	(1.037)	397569	25.0000	24.79
	11 Benzyl alcohol	108	8.829	8.824	(1.031)	242681	25.0000	25.09
	14 2,2'-oxybis(1-Chloropropane)	45	9.097	9.091	(1.062)	384388	25.0000	24.91
	13 2-Methylphenol	108	9.048	9.043	(1.056)	365584	25.0000	25.71
	17 Hexachloroethane	117	9.385	9.385	(1.095)	185415	25.0000	24.61
	16 N-Nitroso-di-n-propylamine	70	9.310	9.305	(1.087)	361321	25.0000	24.23
	15 4-Methylphenol	108	9.278	9.272	(1.083)	383316	25.0000	25.74
$	18 Nitrobenzene-d5	82	9.497	9.491	(0.893)	513983	25.0000	24.36
	19 Nitrobenzene	77	9.529	9.518	(0.896)	547139	25.0000	24.17
	20 Isophorone	82	9.909	9.903	(0.932)	823270	25.0000	24.69
	21 2-Nitrophenol	139	10.047	10.047	(0.945)	188102	25.0000	24.84
	22 2,4-Dimethylphenol	107	10.133	10.127	(0.953)	431298	25.0000	24.93
	23 Bis(2-Chloroethoxy)methane	93	10.293	10.287	(0.968)	462020	25.0000	25.00
	24 Benzoic acid	105	10.347	10.255	(0.973)	602488	50.0000	51.02
	25 2,4-Dichlorophenol	162	10.427	10.421	(0.981)	289567	25.0000	25.25
	26 1,2,4-Trichlorobenzene	180	10.571	10.565	(0.994)	343619	25.0000	24.58
*	27 Naphthalene-d8	136	10.630	10.629	(1.000)	656578	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	10.662	10.661	(1.003)	1034995	25.0000	25.57
	29 4-Chloroaniline	127	10.790	10.784	(1.015)	390867	25.0000	24.97
	30 Hexachlorobutadiene	225	10.977	10.977	(1.033)	228607	25.0000	24.52
	31 4-Chloro-3-methylphenol	107	11.591	11.586	(1.090)	337456	25.0000	25.19
	32 2-Methylnaphthalene	141	11.794	11.794	(1.110)	509558	25.0000	25.06
	33 Hexachlorocyclopentadiene	237	12.179	12.179	(0.900)	203086	25.0000	25.85
	34 2,4,6-Trichlorophenol	196	12.307	12.301	(0.910)	218885	25.0000	25.07
	35 2,4,5-Trichlorophenol	196	12.361	12.360	(0.914)	214009	25.0000	25.30
$	36 2-Fluorobiphenyl	172	12.441	12.435	(0.919)	679789	25.0000	24.68
	37 2-Chloronaphthalene	162	12.590	12.585	(0.930)	574394	25.0000	24.28
	38 2-Nitroaniline	65	12.809	12.804	(0.947)	258212	25.0000	24.37
	39 Dimethylphthalate	163	13.178	13.172	(0.974)	593721	25.0000	24.80
	40 Acenaphthylene	152	13.279	13.274	(0.981)	917083	25.0000	25.29
	41 2,6-Dinitrotoluene	165	13.279	13.274	(0.981)	151141	25.0000	25.38
*	42 Acenaphthene-d10	164	13.531	13.530	(1.000)	353705	20.0000	
	43 3-Nitroaniline	138	13.493	13.482	(0.997)	143618	25.0000	25.25
	44 Acenaphthene	153	13.584	13.578	(1.004)	568200	25.0000	24.82
	45 2,4-Dinitrophenol	184	13.664	13.658	(1.010)	239800	50.0000	54.36
	46 Dibenzofuran	168	13.846	13.840	(1.023)	792094	25.0000	24.70
	47 4-Nitrophenol	109	13.776	13.765	(1.018)	127210	25.0000	24.47(M)
	48 2,4-Dinitrotoluene	165	13.915	13.909	(1.028)	178519	25.0000	24.64
	50 Diethylphthalate	149	14.348	14.337	(1.060)	591772	25.0000	24.45
	49 Fluorene	166	14.412	14.406	(1.065)	643047	25.0000	25.39
	51 4-Chlorophenyl-phenylether	204	14.423	14.422	(1.066)	349229	25.0000	24.74
	52 4-Nitroaniline	138	14.503	14.486	(1.072)	128323	25.0000	25.21
	53 4,6-Dinitro-2-methylphenol	198	14.583	14.572	(0.915)	273546	50.0000	51.31
	54 N-Nitrosodiphenylamine	169	14.626	14.625	(0.917)	321127	25.0000	23.93
$	55 2,4,6-Tribromophenol	330	14.839	14.834	(1.097)	85781	25.0000	25.00
	56 4-Bromophenyl-phenylether	248	15.219	15.218	(0.954)	179869	25.0000	24.69
	57 Hexachlorobenzene	284	15.454	15.448	(0.969)	179370	25.0000	24.20
	58 Pentachlorophenol	266	15.748	15.742	(0.988)	111573	25.0000	23.99
*	59 Phenanthrene-d10	188	15.945	15.939	(1.000)	526440	20.0000	
	60 Phenanthrene	178	15.983	15.977	(1.002)	830968	25.0000	24.60
	61 Anthracene	178	16.052	16.046	(1.007)	846658	25.0000	25.03
	62 Carbazole	167	16.330	16.319	(1.024)	749976	25.0000	24.93
	63 Di-n-butylphthalate	149	17.024	17.019	(1.068)	854507	25.0000	24.36
	64 Fluoranthene	202	17.948	17.943	(1.126)	965336	25.0000	24.99
	65 Pyrene	202	18.312	18.306	(0.901)	1006187	25.0000	24.07
$	66 Terphenyl-d14	244	18.606	18.600	(0.916)	640449	25.0000	24.48
	67 Butylbenzylphthalate	149	19.476	19.471	(0.959)	448304	25.0000	24.39
	68 Benzo(a)anthracene	228	20.288	20.283	(0.999)	1158223	25.0000	25.40
*	69 Chrysene-d12	240	20.315	20.309	(1.000)	581923	20.0000	
	70 3,3'-Dichlorobenzidine	252	20.278	20.272	(0.998)	477405	25.0000	25.58
	71 Chrysene	228	20.358	20.347	(1.002)	1030298	25.0000	25.15
	72 bis(2-Ethylhexyl)phthalate	149	20.470	20.464	(0.956)	719529	25.0000	24.30
*	134 Di-n-octylphthalate-d4	153	21.410	21.404	(1.000)	979097	20.0000	
	73 Di-n-octylphthalate	149	21.416	21.410	(1.000)	1372888	25.0000	24.31

	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	21.966	21.955	(0.976)	1182844	25.0000	23.99
75	Benzo(k)fluoranthene	252	22.003	21.987	(0.977)	1371760	25.0000	26.30
76	Benzo(a)pyrene	252	22.436	22.425	(0.996)	1138521	25.0000	25.16
* 77	Perylene-d12	264	22.516	22.510	(1.000)	686531	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	24.338	24.316	(1.081)	1352442	25.0000	25.20
79	Dibenzo(a,h)anthracene	278	24.359	24.343	(1.082)	1145924	25.0000	25.41
80	Benzo(g,h,i)perylene	276	24.338	24.316	(1.081)	1352442	25.0000	25.20
90	N-Nitrosodimethylamine	74	4.054	4.043	(0.473)	305390	25.0000	25.15
103	Pyridine	79	4.038	4.059	(0.471)	456967	25.0000	25.42
91	Aniline	93	8.108	8.103	(0.946)	714994	25.0000	25.18
105	1-methylnaphthalene	141	11.971	11.970	(1.126)	501362	25.0000	24.72
93	Benzidine	184	18.178	18.172	(0.895)	437662	25.0000	22.40
111	Azobenzene (1,2-DP-Hydrazine)	77	14.679	14.673	(1.085)	871283	25.0000	24.73
144	alpha-Terpineol	59	10.672	10.667	(1.004)	307560	25.0000	25.04
143	1,4-Dioxane	88	3.279	3.284	(0.383)	182672	25.0000	24.68
$ 137	d8-1,4-Dioxane	96	3.215	3.220	(0.375)	185085	25.0000	24.96
133	Butylatedhydroxytoluene	205	13.685	13.680	(1.011)	579434	25.0000	24.41
115	Tributyl Phosphate	99	14.700	14.689	(0.922)	767908	25.0000	24.79
116	Dibutyl Phenyl Phosphate	175	16.458	16.458	(1.032)	438062	25.0000	24.49
117	Butyl Diphenyl Phosphate	94	18.173	18.167	(0.895)	204727	25.0000	23.92
118	Triphenyl Phosphate	326	19.802	19.796	(0.975)	169878	25.0000	24.55
123	Acetophenone	105	9.257	9.251	(1.080)	533720	25.0000	24.80

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: 0251001.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071001.b/SW846.m
Misc Info:

Calibration Date: 01-OCT-2007
Calibration Time: 10:54
Client Smp ID: ABN 25
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	212076	0.00
27 Naphthalene-d8	656578	328289	1313156	656578	0.00
42 Acenaphthene-d10	353705	176852	707410	353705	0.00
59 Phenanthrene-d10	526440	263220	1052880	526440	0.00
69 Chrysene-d12	581923	290962	1163846	581923	0.00
134 Di-n-octylphthala	979097	489548	1958194	979097	0.00
77 Perylene-d12	686531	343266	1373062	686531	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.57	8.07	9.07	8.57	0.00
27 Naphthalene-d8	10.63	10.13	11.13	10.63	0.00
42 Acenaphthene-d10	13.53	13.03	14.03	13.53	0.00
59 Phenanthrene-d10	15.95	15.45	16.45	15.95	0.00
69 Chrysene-d12	20.32	19.82	20.82	20.32	0.00
134 Di-n-octylphthala	21.41	20.91	21.91	21.41	0.00
77 Perylene-d12	22.52	22.02	23.02	22.52	0.00

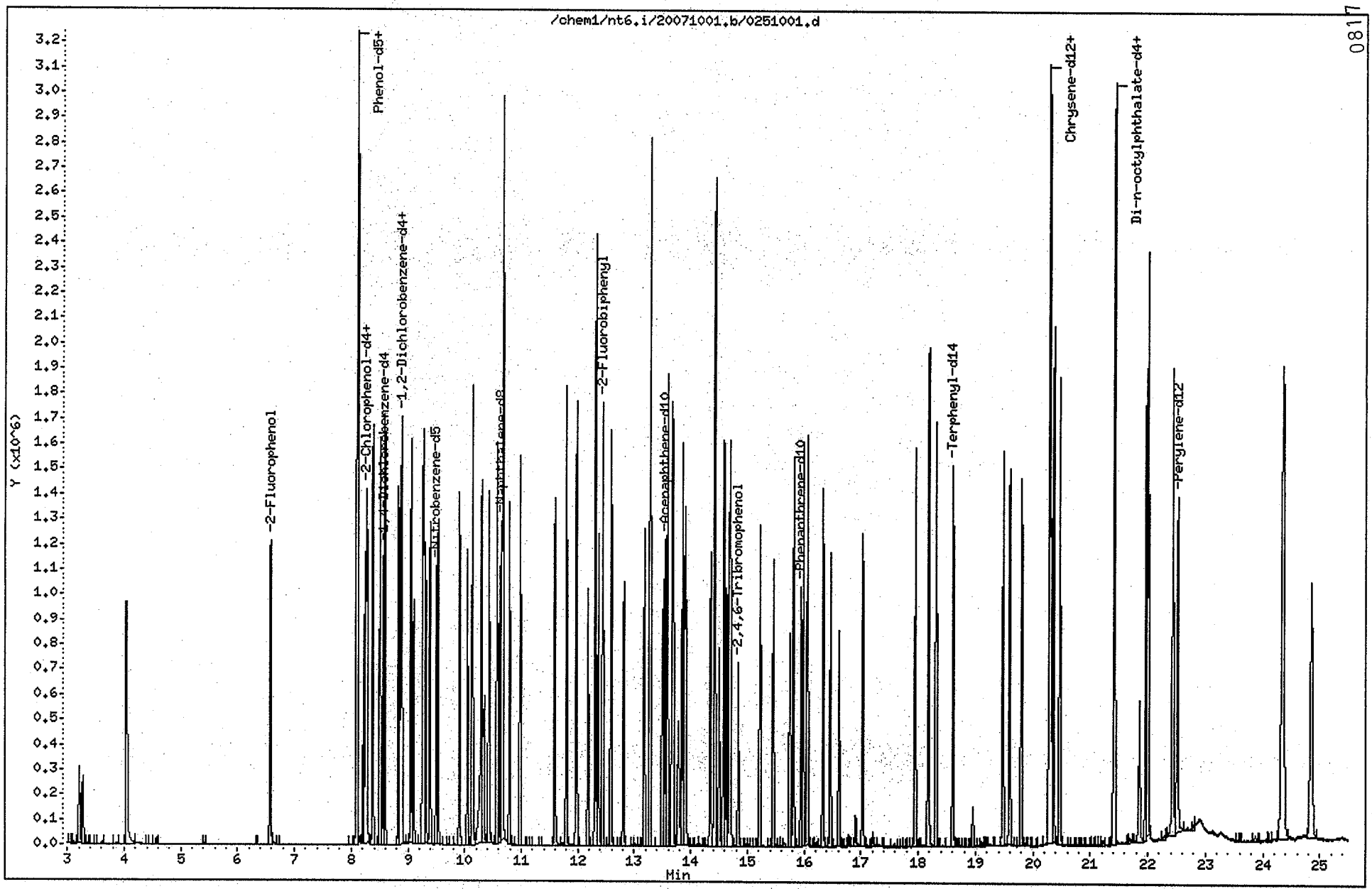
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20071001.b/0251001.d
Date : 01-OCT-2007 10:54
Client ID: ABN 25
Sample Info: ABN 25

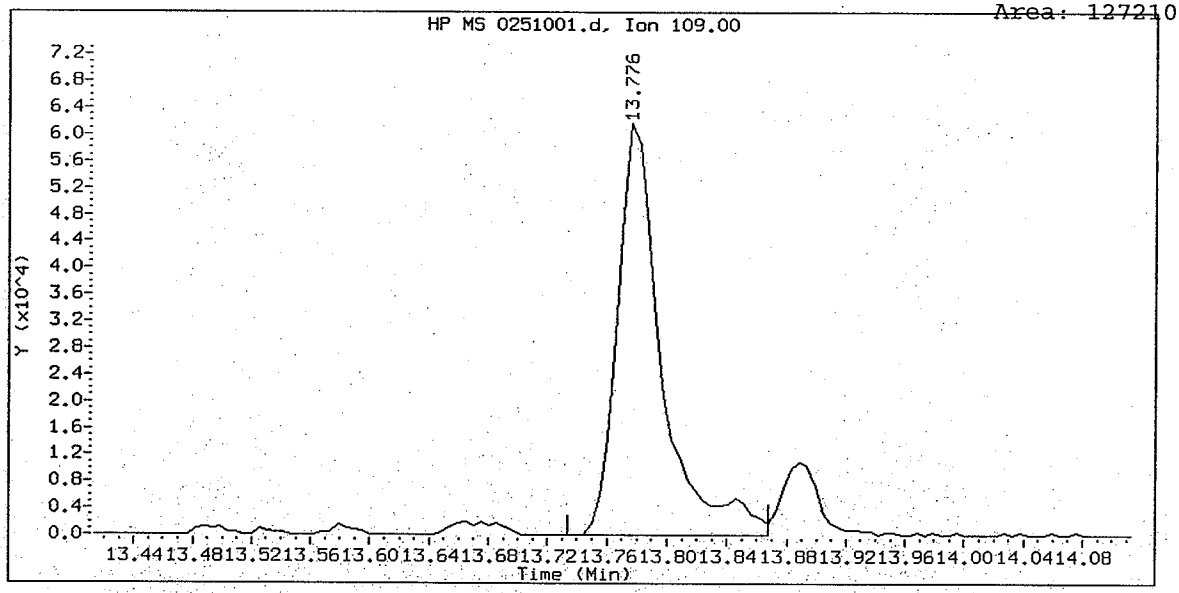
Column phase: ZB-5

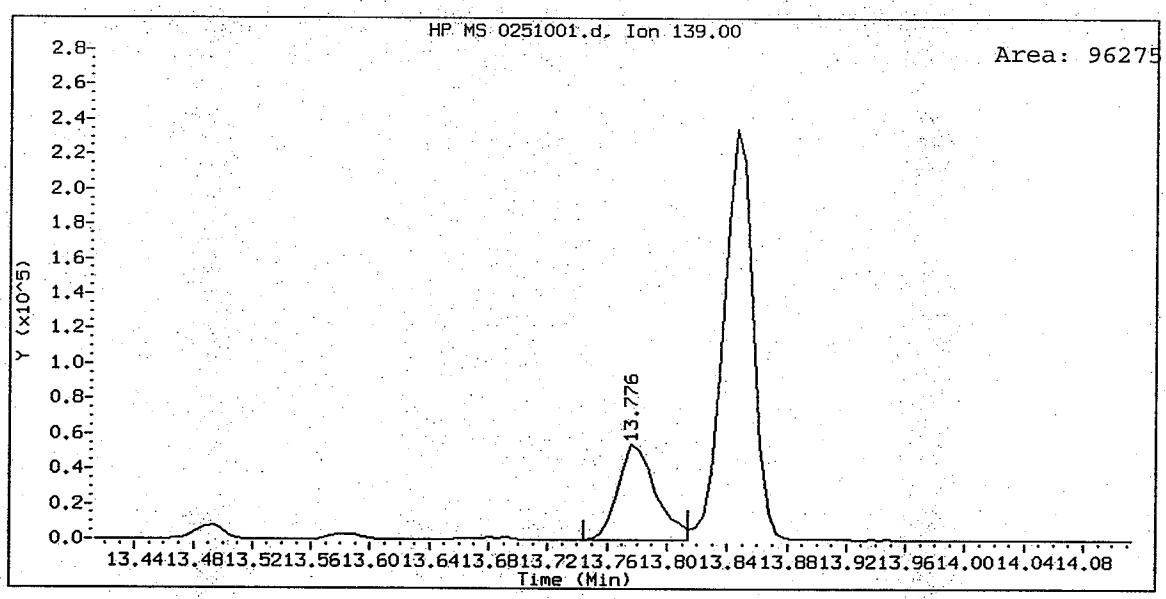
Instrument: nt6.i

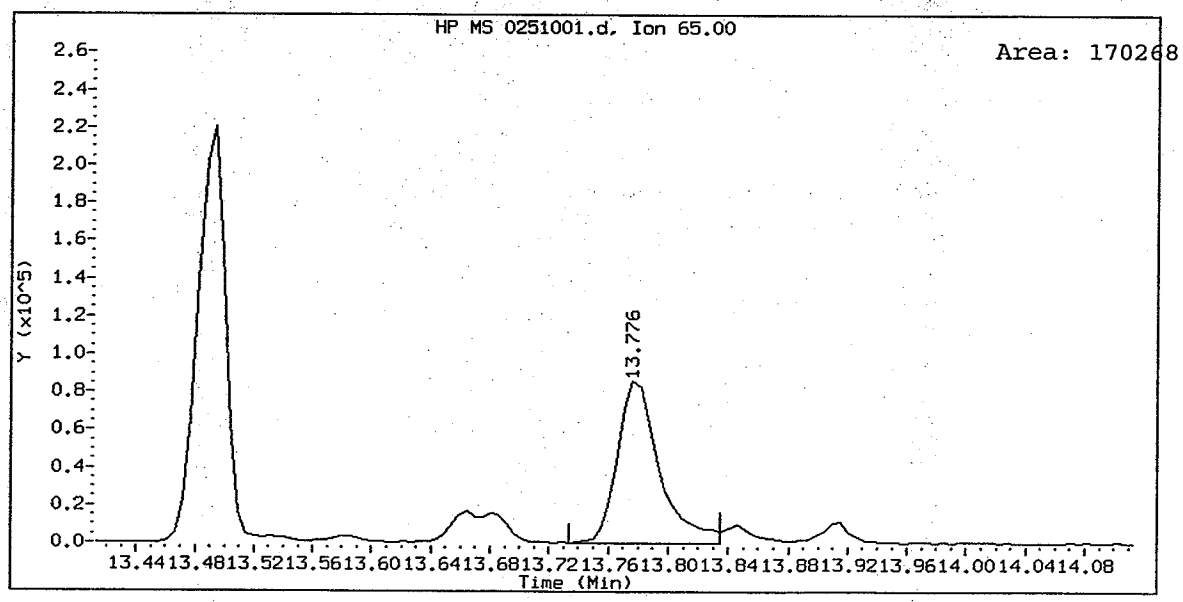
Operator: LJR/VTS
Column diameter: 0.32



ABN 25, /chem1/nt6.i/20071001.b/0251001.d
4-Nitrophenol Amount: 24.47







Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem1/nt6.i/20071001.b/ddt.b/0251001.d ARI ID:
Method: /chem1/nt6.i/20071001.b/ddt.b/sw846ddt.m Misc:
Analysis Date: 01-OCT-2007 10:54 Instrument: nt6.i

COMPOUND	RT	AREA
Pentachlorophenol	15.748	111573
Benzidine	18.178	435979
4,4'-DDE	----	----
4,4'-DDD	19.113	4208
4,4'-DDT	19.594	357840

LJK 10/1/07

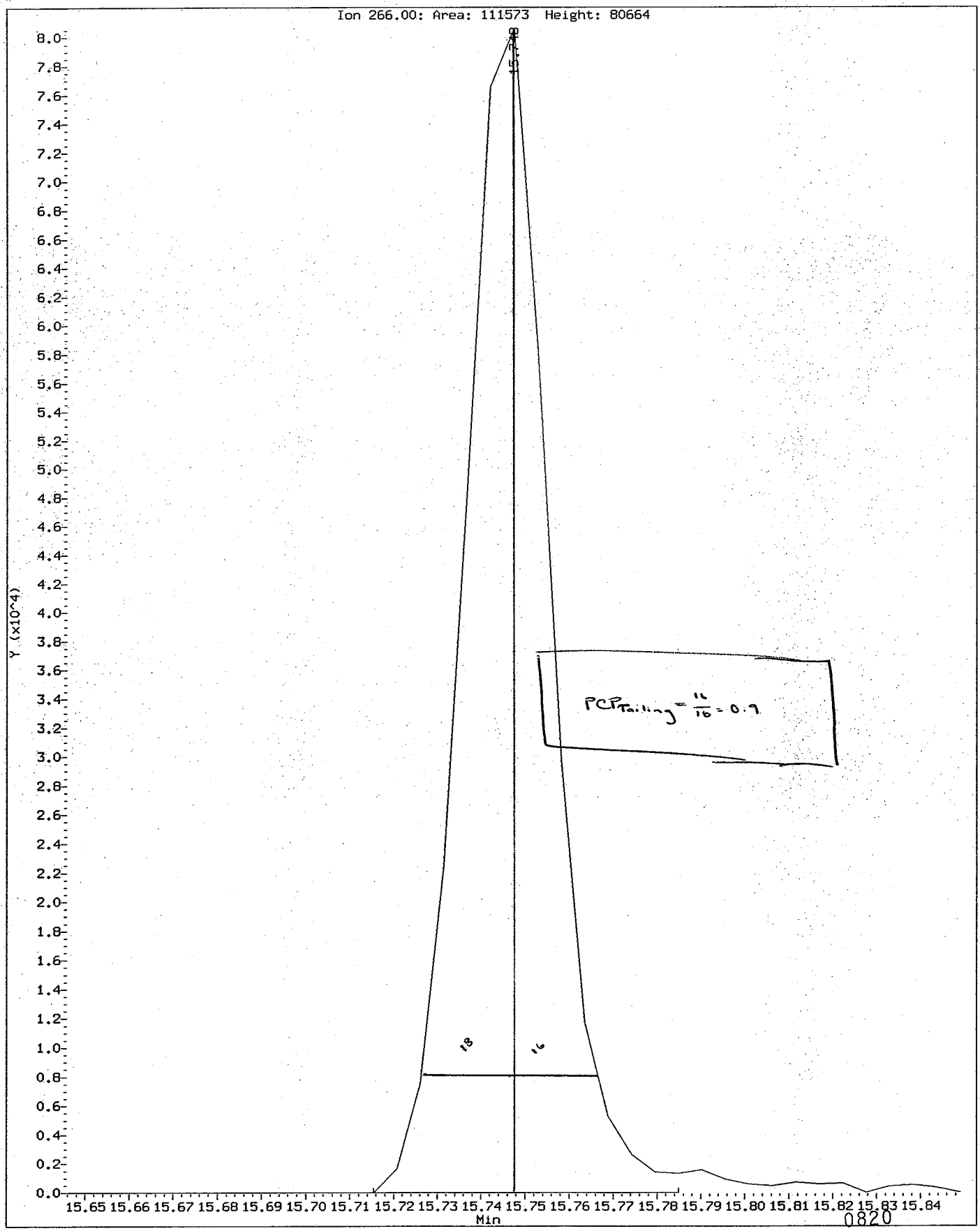
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(0 + 4208) * 100}{(0 + 4208 + 357840)}$$

DDT Percent Breakdown = 1.2 %

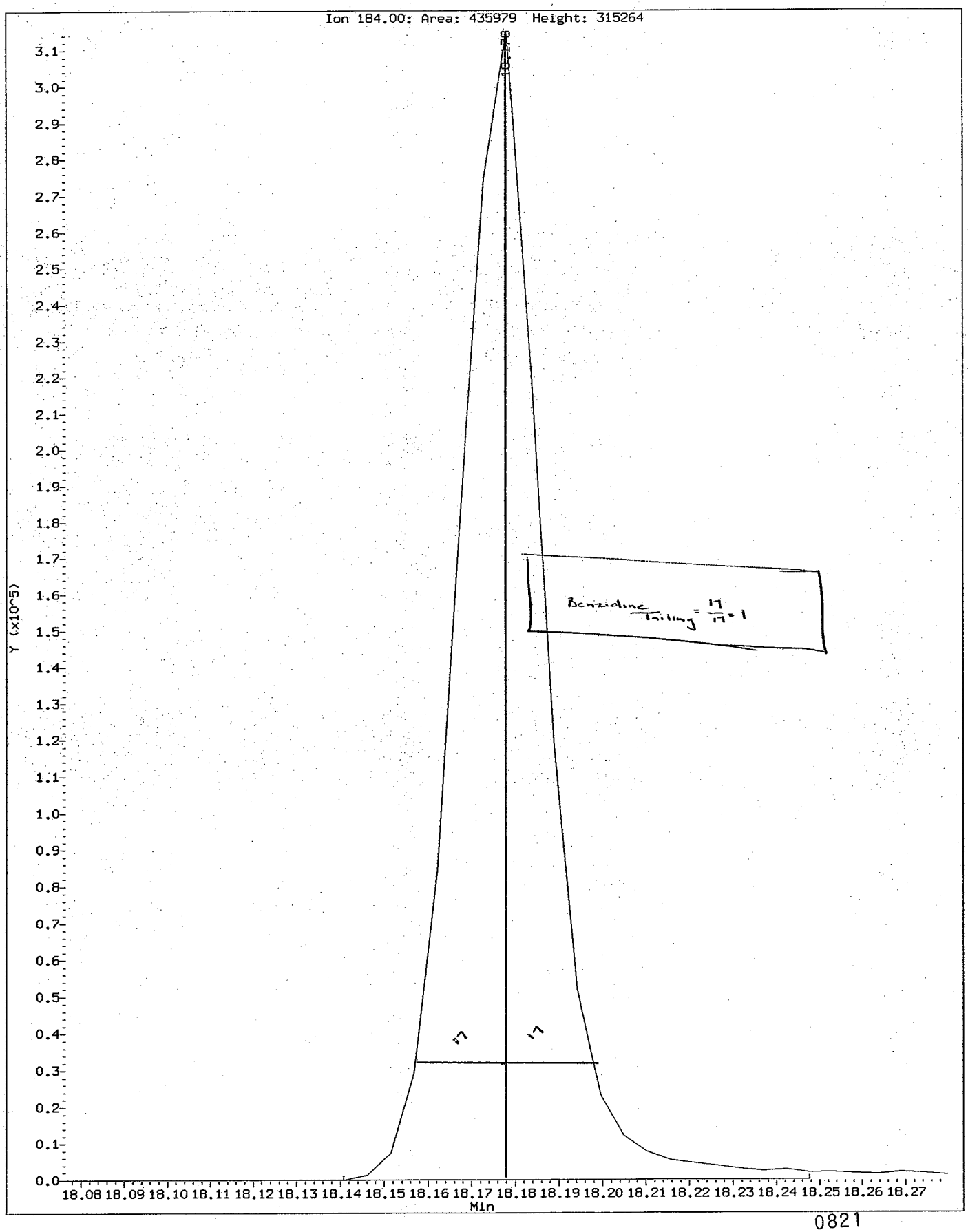
Data File: /chem1/nt6.i/20071001.b/ddt.b/0251001.d
Injection Date: 01-OCT-2007 10:54
Instrument: nt6.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem1/nt6.i/20071001.b/ddt.b/0251001.d
Injection Date: 01-OCT-2007 10:54
Instrument: nt6.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071001.b/0401001.d
Lab Smp Id: ABN 40 Client Smp ID: ABN 40
Inj Date : 01-OCT-2007 12:38
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 40
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20071001.b/SW846.m
Meth Date : 01-Oct-2007 16:04 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.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	6.577	6.575	(0.768)	591771	40.0000	40.71
$	2 Phenol-d5	99	8.094	8.081	(0.945)	771298	40.0000	41.54
	3 Phenol	94	8.110	8.097	(0.947)	1004928	40.0000	43.67
$	5 2-Chlorophenol-d4	132	8.255	8.252	(0.964)	500633	40.0000	40.48
	4 Bis(2-Chloroethyl)ether	93	8.222	8.209	(0.960)	608543	40.0000	39.13
	6 2-Chlorophenol	128	8.281	8.273	(0.967)	565851	40.0000	40.87
	7 1,3-Dichlorobenzene	146	8.506	8.503	(0.993)	618717	40.0000	40.22
*	8 1,4-Dichlorobenzene-d4	152	8.564	8.562	(1.000)	197243	20.0000	
	9 1,4-Dichlorobenzene	146	8.591	8.589	(1.003)	646333	40.0000	40.74
$	10 1,2-Dichlorobenzene-d4	152	8.869	8.866	(1.036)	377267	40.0000	40.68
	12 1,2-Dichlorobenzene	146	8.890	8.888	(1.038)	610700	40.0000	40.94
	11 Benzyl alcohol	108	8.831	8.824	(1.031)	379249	40.0000	42.15
	14 2,2'-oxybis(1-Chloropropane)	45	9.099	9.091	(1.062)	556797	40.0000	38.80
	13 2-Methylphenol	108	9.056	9.043	(1.057)	552198	40.0000	41.75
	17 Hexachloroethane	117	9.387	9.385	(1.096)	284832	40.0000	40.65
	16 N-Nitroso-di-n-propylamine	70	9.318	9.305	(1.088)	536131	40.0000	38.66
	15 4-Methylphenol	108	9.286	9.272	(1.084)	583711	40.0000	42.14
$	18 Nitrobenzene-d5	82	9.499	9.491	(0.893)	771428	40.0000	40.11
	19 Nitrobenzene	77	9.531	9.518	(0.896)	809206	40.0000	39.20
	20 Isophorone	82	9.911	9.903	(0.932)	1197579	40.0000	39.40
	21 2-Nitrophenol	139	10.049	10.047	(0.945)	277783	40.0000	40.24
	22 2,4-Dimethylphenol	107	10.135	10.127	(0.953)	655120	40.0000	41.54
	23 Bis(2-Chloroethoxy)methane	93	10.295	10.287	(0.968)	684427	40.0000	40.63
	24 Benzoic acid	105	10.386	10.255	(0.977)	901981	80.0000	83.79(M)
	25 2,4-Dichlorophenol	162	10.429	10.421	(0.981)	431827	40.0000	41.31
	26 1,2,4-Trichlorobenzene	180	10.573	10.565	(0.994)	508518	40.0000	39.90
*	27 Naphthalene-d8	136	10.632	10.629	(1.000)	598570	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	10.664	10.661	(1.003)	1567833	40.0000	42.49
	29 4-Chloroaniline	127	10.792	10.784	(1.015)	576974	40.0000	40.42
	30 Hexachlorobutadiene	225	10.979	10.977	(1.033)	344001	40.0000	40.47
	31 4-Chloro-3-methylphenol	107	11.588	11.586	(1.090)	504660	40.0000	41.32
	32 2-Methylnaphthalene	141	11.796	11.794	(1.110)	753042	40.0000	40.62
	33 Hexachlorocyclopentadiene	237	12.181	12.179	(0.900)	311654	40.0000	44.52
	34 2,4,6-Trichlorophenol	196	12.309	12.301	(0.910)	335861	40.0000	43.17
	35 2,4,5-Trichlorophenol	196	12.363	12.360	(0.914)	320680	40.0000	42.55
$	36 2-Fluorobiphenyl	172	12.437	12.435	(0.919)	1015357	40.0000	41.38
	37 2-Chloronaphthalene	162	12.587	12.585	(0.930)	862546	40.0000	40.91
	38 2-Nitroaniline	65	12.811	12.804	(0.947)	380428	40.0000	40.29
	39 Dimethylphthalate	163	13.180	13.172	(0.974)	856657	40.0000	40.16
	40 Acenaphthylene	152	13.276	13.274	(0.981)	1368665	40.0000	42.35
	41 2,6-Dinitrotoluene	165	13.281	13.274	(0.981)	230065	40.0000	43.36
*	42 Acenaphthene-d10	164	13.533	13.530	(1.000)	315169	20.0000	
	43 3-Nitroaniline	138	13.495	13.482	(0.997)	204867	40.0000	40.43
	44 Acenaphthene	153	13.586	13.578	(1.004)	834418	40.0000	40.91
	45 2,4-Dinitrophenol	184	13.666	13.658	(1.010)	409047	80.0000	104.1
	46 Dibenzofuran	168	13.848	13.840	(1.023)	1156635	40.0000	40.48
	47 4-Nitrophenol	109	13.784	13.765	(1.019)	203517	40.0000	43.94(M)
	48 2,4-Dinitrotoluene	165	13.917	13.909	(1.028)	268845	40.0000	41.65
	50 Diethylphthalate	149	14.350	14.337	(1.060)	870818	40.0000	40.38
	49 Fluorene	166	14.414	14.406	(1.065)	983628	40.0000	43.58
	51 4-Chlorophenyl-phenylether	204	14.425	14.422	(1.066)	536040	40.0000	42.62
	52 4-Nitroaniline	138	14.510	14.486	(1.072)	191039	40.0000	42.12
	53 4,6-Dinitro-2-methylphenol	198	14.585	14.572	(0.915)	425386	80.0000	85.49
	54 N-Nitrosodiphenylamine	169	14.628	14.625	(0.918)	480592	40.0000	38.37
$	55 2,4,6-Tribromophenol	330	14.841	14.834	(1.097)	126195	40.0000	41.27
	56 4-Bromophenyl-phenylether	248	15.221	15.218	(0.955)	270707	40.0000	39.81
	57 Hexachlorobenzene	284	15.456	15.448	(0.970)	270404	40.0000	39.09
	58 Pentachlorophenol	266	15.744	15.742	(0.988)	188323	40.0000	43.38
*	59 Phenanthrene-d10	188	15.942	15.939	(1.000)	491283	20.0000	
	60 Phenanthrene	178	15.979	15.977	(1.002)	1270393	40.0000	40.30
	61 Anthracene	178	16.054	16.046	(1.007)	1297107	40.0000	41.10
	62 Carbazole	167	16.332	16.319	(1.024)	1176301	40.0000	41.90
	63 Di-n-butylphthalate	149	17.021	17.019	(1.068)	1354599	40.0000	41.38
	64 Fluoranthene	202	17.945	17.943	(1.126)	1569476	40.0000	43.54
	65 Pyrene	202	18.314	18.306	(0.901)	1649183	40.0000	38.12
$	66 Terphenyl-d14	244	18.602	18.600	(0.916)	1068112	40.0000	39.44
	67 Butylbenzylphthalate	149	19.478	19.471	(0.959)	757298	40.0000	39.80
	68 Benzo(a)anthracene	228	20.290	20.283	(0.999)	1947950	40.0000	41.27
*	69 Chrysene-d12	240	20.317	20.309	(1.000)	602442	20.0000	
	70 3,3'-Dichlorobenzidine	252	20.280	20.272	(0.998)	796518	40.0000	41.23
	71 Chrysene	228	20.360	20.347	(1.002)	1715047	40.0000	40.43
	72 bis(2-Ethylhexyl)phthalate	149	20.467	20.464	(0.956)	1139446	40.0000	37.61
*	134 Di-n-octylphthalate-d4	153	21.412	21.404	(1.000)	1001952	20.0000	
	73 Di-n-octylphthalate	149	21.418	21.410	(1.000)	2143718	40.0000	37.09

	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	21.973	21.955	(0.976)	2044394	40.0000	43.91
75	Benzo(k)fluoranthene	252	22.011	21.987	(0.977)	2059664	40.0000	41.82
76	Benzo(a)pyrene	252	22.438	22.425	(0.996)	1779627	40.0000	41.64
* 77	Perylene-d12	264	22.518	22.510	(1.000)	648300	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	24.345	24.316	(1.081)	2112596	40.0000	41.68
79	Dibenzo(a,h)anthracene	278	24.366	24.343	(1.082)	1836904	40.0000	43.14
80	Benzo(g,h,i)perylene	276	24.345	24.316	(1.081)	2112596	40.0000	41.68
90	N-Nitrosodimethylamine	74	4.061	4.043	(0.474)	445330	40.0000	39.44
103	Pyridine	79	4.034	4.059	(0.471)	666764	40.0000	39.89
91	Aniline	93	8.110	8.103	(0.947)	1100309	40.0000	41.66
105	1-methylnaphthalene	141	11.973	11.970	(1.126)	752223	40.0000	40.69
93	Benzidine	184	18.175	18.172	(0.895)	774932	40.0000	38.32
111	Azobenzene (1,2-DP-Hydrazine)	77	14.681	14.673	(1.085)	1264992	40.0000	40.29
144	alpha-Terpineol	59	10.675	10.667	(1.004)	472819	40.0000	42.23
143	1,4-Dioxane	88	3.276	3.284	(0.382)	263099	40.0000	38.23
$ 137	d8-1,4-Dioxane	96	3.217	3.220	(0.376)	269683	40.0000	39.11
133	Butylatedhydroxytoluene	205	13.682	13.680	(1.011)	894644	40.0000	42.30
115	Tributyl Phosphate	99	14.702	14.689	(0.922)	1187260	40.0000	41.07
116	Dibutyl Phenyl Phosphate	175	16.460	16.458	(1.032)	706195	40.0000	42.31
117	Butyl Diphenyl Phosphate	94	18.175	18.167	(0.895)	359851	40.0000	40.60
118	Triphenyl Phosphate	326	19.804	19.796	(0.975)	293156	40.0000	40.92
123	Acetophenone	105	9.264	9.251	(1.082)	796710	40.0000	39.81

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: 0401001.d
Lab Smp Id: ABN 40
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071001.b/SW846.m
Misc Info:

Calibration Date: 01-OCT-2007
Calibration Time: 10:54
Client Smp ID: ABN 40
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	197243	-6.99
27 Naphthalene-d8	656578	328289	1313156	598570	-8.83
42 Acenaphthene-d10	353705	176852	707410	315169	-10.89
59 Phenanthrene-d10	526440	263220	1052880	491283	-6.68
69 Chrysene-d12	581923	290962	1163846	602442	3.53
134 Di-n-octylphthala	979097	489548	1958194	1001952	2.33
77 Perylene-d12	686531	343266	1373062	648300	-5.57

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.57	8.07	9.07	8.56	-0.04
27 Naphthalene-d8	10.63	10.13	11.13	10.63	0.02
42 Acenaphthene-d10	13.53	13.03	14.03	13.53	0.02
59 Phenanthrene-d10	15.95	15.45	16.45	15.94	-0.02
69 Chrysene-d12	20.32	19.82	20.82	20.32	0.01
134 Di-n-octylphthala	21.41	20.91	21.91	21.41	0.01
77 Perylene-d12	22.52	22.02	23.02	22.52	0.01

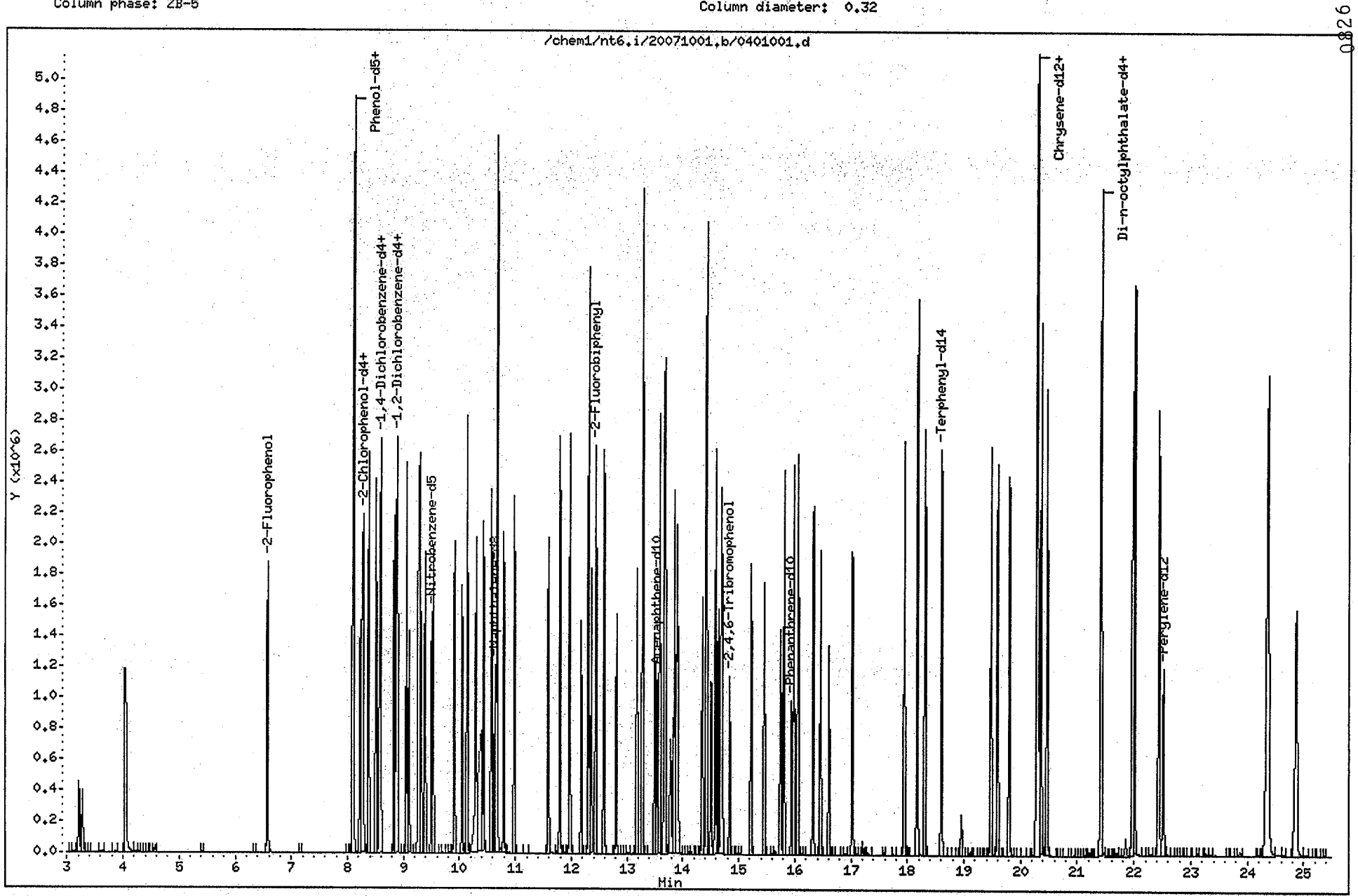
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20071001.b/0401001.d
Date : 01-OCT-2007 12:38
Client ID: ABN 40
Sample Info: ABN 40

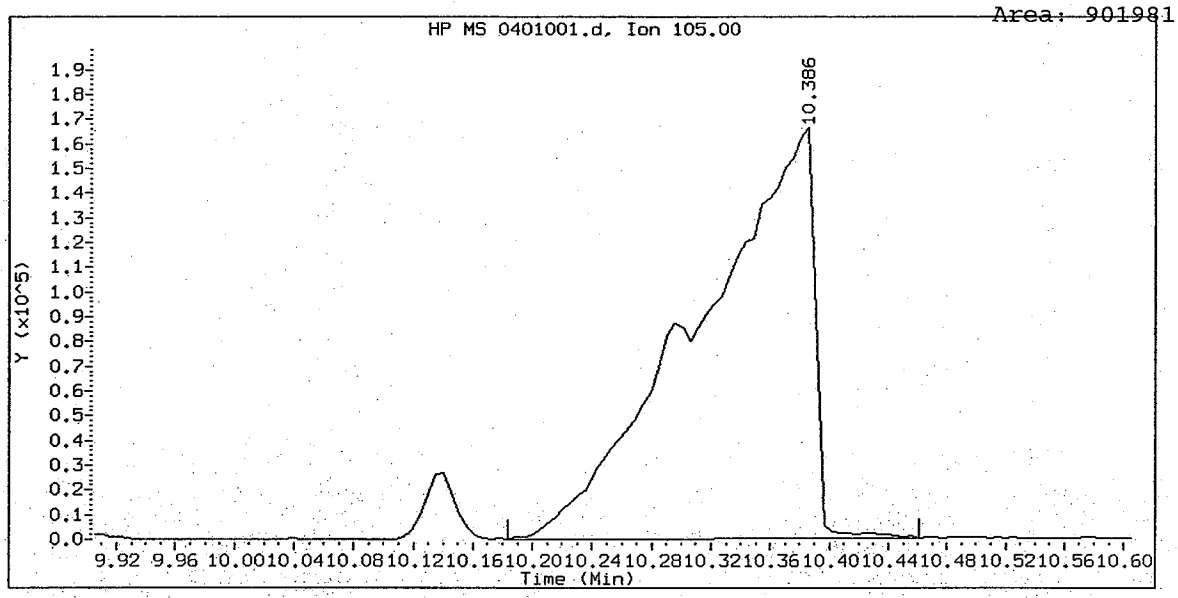
Column phase: ZB-5

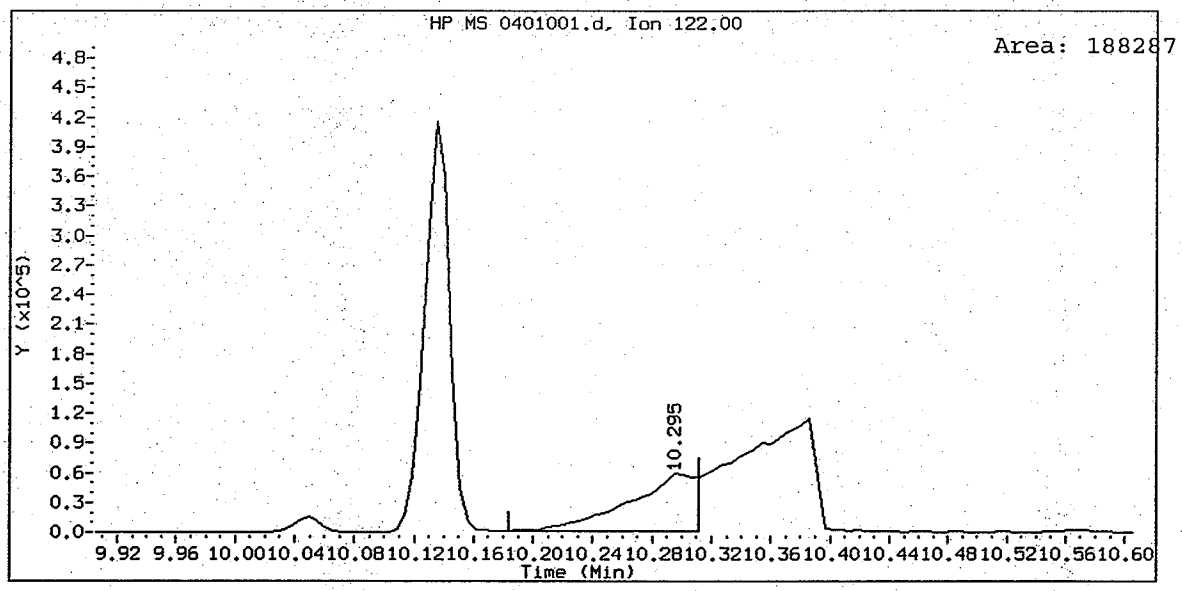
Instrument: nt6.i

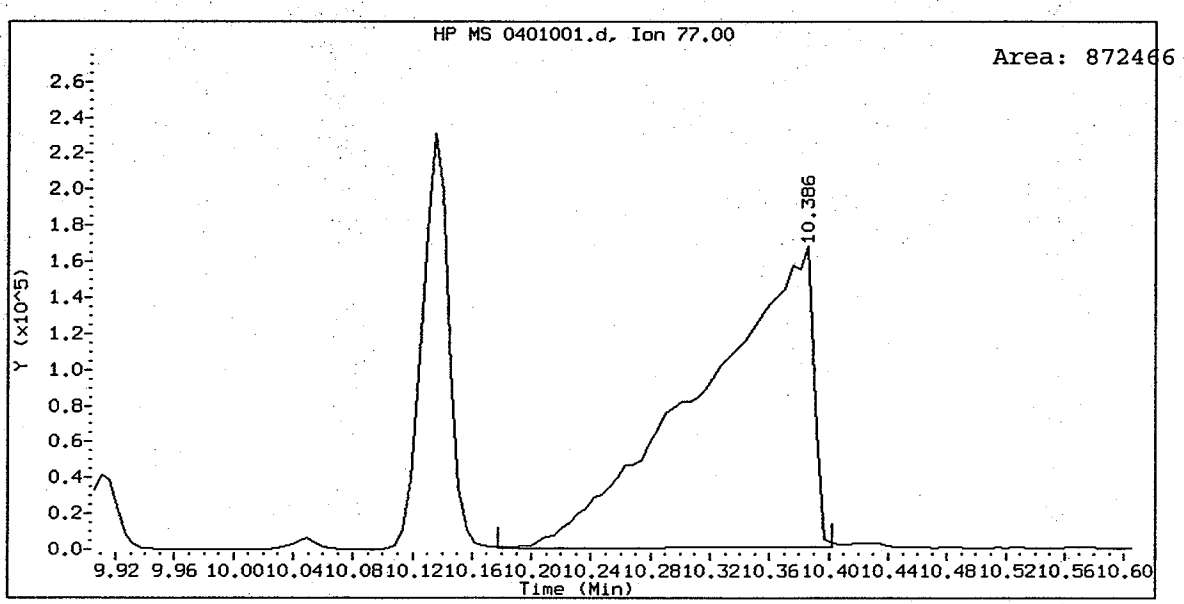
Operator: LJR/VTS
Column diameter: 0.32



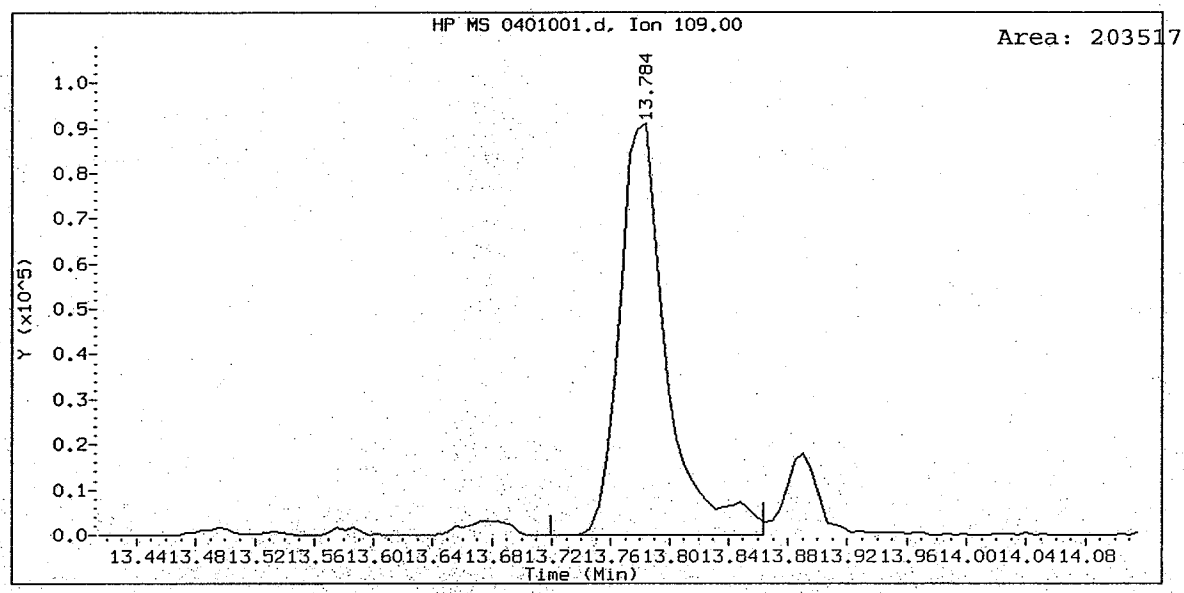
ABN 40, /chem1/nt6.i/20071001.b/0401001.d
Benzoic acid Amount: 83.79

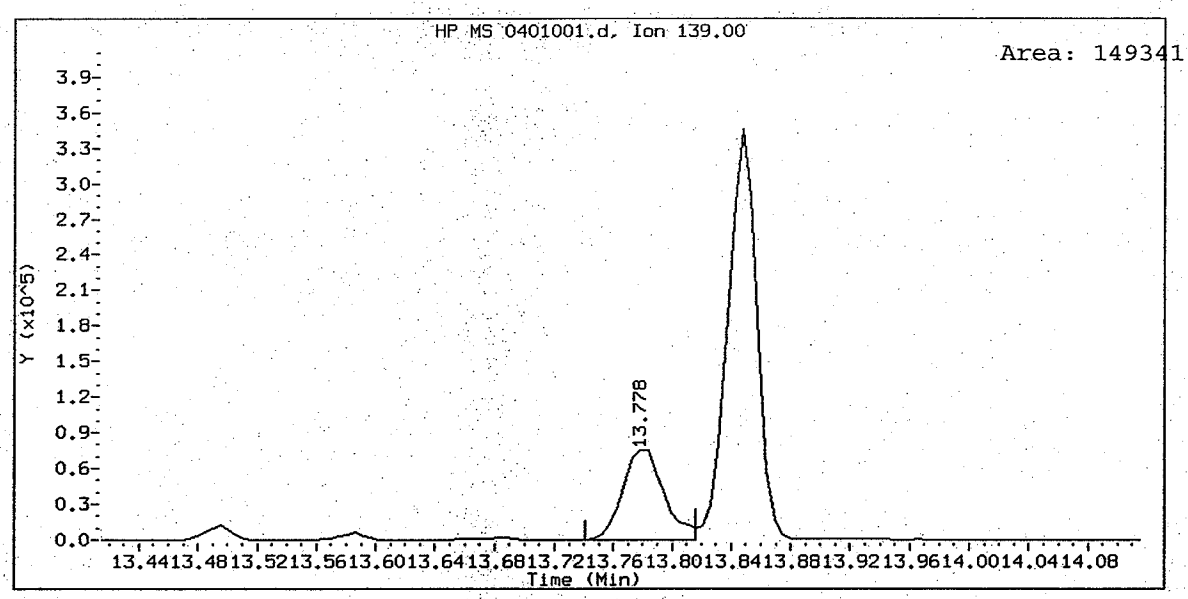


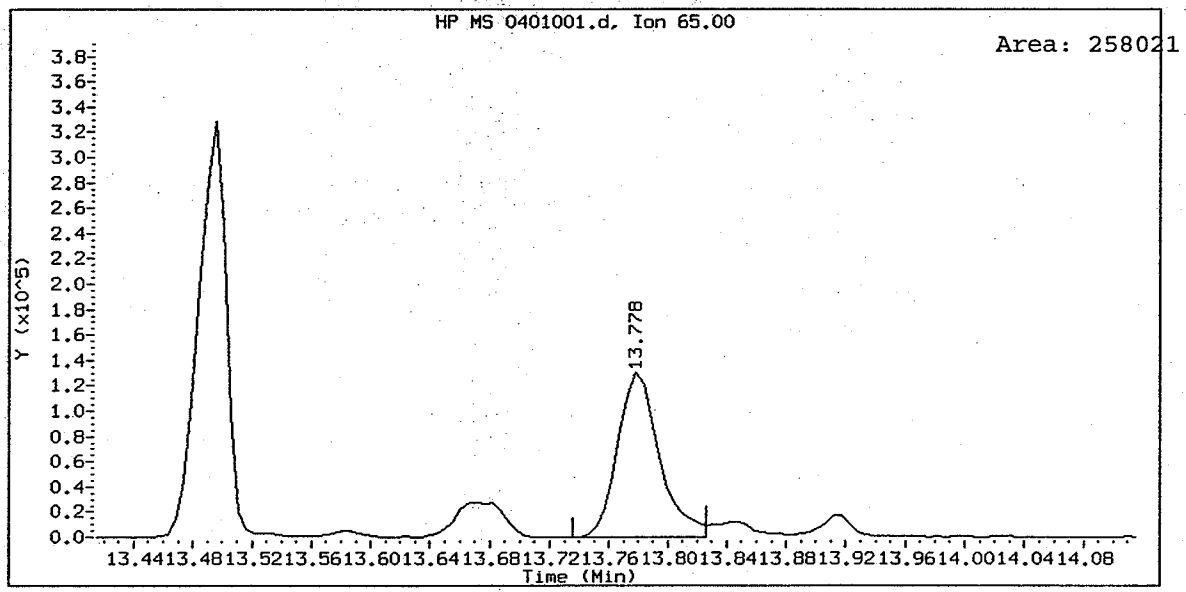




ABN 40, /chem1/nt6.i/20071001.b/0401001.d
4-Nitrophenol Amount: 43.94







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071001.b/0801001.d
Lab Smp Id: ABN 80 Client Smp ID: ABN 80
Inj Date : 01-OCT-2007 11:28
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 80
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20071001.b/SW846.m
Meth Date : 01-Oct-2007 16:04 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 2 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

LJR 10/1/07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.589	6.575	(0.768)	1784613	80.0000	81.14
$	2 Phenol-d5	99	8.111	8.081	(0.946)	2345716	80.0000	83.49
	3 Phenol	94	8.133	8.097	(0.948)	2777848	80.0000	79.78
$	5 2-Chlorophenol-d4	132	8.266	8.252	(0.964)	1560294	80.0000	83.38
	4 Bis(2-Chloroethyl)ether	93	8.234	8.209	(0.960)	1858222	80.0000	78.97
	6 2-Chlorophenol	128	8.293	8.273	(0.967)	1715616	80.0000	81.90
	7 1,3-Dichlorobenzene	146	8.517	8.503	(0.993)	1850994	80.0000	79.53
*	8 1,4-Dichlorobenzene-d4	152	8.576	8.562	(1.000)	298450	20.0000	
	9 1,4-Dichlorobenzene	146	8.603	8.589	(1.003)	1873641	80.0000	78.06
$	10 1,2-Dichlorobenzene-d4	152	8.875	8.866	(1.035)	1170941	80.0000	83.45
	12 1,2-Dichlorobenzene	146	8.902	8.888	(1.038)	1777862	80.0000	78.76
	11 Benzyl alcohol	108	8.854	8.824	(1.032)	1204680	80.0000	88.49
	14 2,2'-oxybis(1-Chloropropane)	45	9.105	9.091	(1.062)	1881495	80.0000	86.65
	13 2-Methylphenol	108	9.073	9.043	(1.058)	1684424	80.0000	84.18
	17 Hexachloroethane	117	9.388	9.385	(1.095)	841868	80.0000	79.41
	16 N-Nitroso-di-n-propylamine	70	9.340	9.305	(1.089)	1578592	80.0000	75.23
	15 4-Methylphenol	108	9.303	9.272	(1.085)	1815806	80.0000	86.64
$	18 Nitrobenzene-d5	82	9.516	9.491	(0.895)	2169964	80.0000	76.44
	19 Nitrobenzene	77	9.548	9.518	(0.898)	2271523	80.0000	74.55
	20 Isophorone	82	9.933	9.903	(0.934)	3364918	80.0000	75.00
	21 2-Nitrophenol	139	10.061	10.047	(0.946)	864566	80.0000	84.85
	22 2,4-Dimethylphenol	107	10.152	10.127	(0.954)	1857252	80.0000	79.77
	23 Bis(2-Chloroethoxy)methane	93	10.307	10.287	(0.969)	2016107	80.0000	81.07
	24 Benzoic acid	105	10.494	10.255	(0.986)	2836301	160.000	178.5(M)
	25 2,4-Dichlorophenol	162	10.440	10.421	(0.981)	1354645	80.0000	87.78
	26 1,2,4-Trichlorobenzene	180	10.579	10.565	(0.994)	1503968	80.0000	79.94
*	27 Naphthalene-d8	136	10.638	10.629	(1.000)	883559	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	10.675	10.661	(1.004)	3953603	80.0000	72.59
	29 4-Chloroaniline	127	10.804	10.784	(1.016)	1768446	80.0000	83.94
	30 Hexachlorobutadiene	225	10.980	10.977	(1.032)	979281	80.0000	78.04
	31 4-Chloro-3-methylphenol	107	11.600	11.586	(1.090)	1460608	80.0000	81.02
	32 2-Methylnaphthalene	141	11.803	11.794	(1.109)	2168690	80.0000	79.25
	33 Hexachlorocyclopentadiene	237	12.182	12.179	(0.900)	921695	80.0000	89.31
	34 2,4,6-Trichlorophenol	196	12.316	12.301	(0.910)	958294	80.0000	83.54
	35 2,4,5-Trichlorophenol	196	12.369	12.360	(0.914)	951556	80.0000	85.64
$	36 2-Fluorobiphenyl	172	12.449	12.435	(0.920)	2827015	80.0000	78.14
	37 2-Chloronaphthalene	162	12.599	12.585	(0.931)	2458291	80.0000	79.09
	38 2-Nitroaniline	65	12.823	12.804	(0.947)	1076732	80.0000	77.35
	39 Dimethylphthalate	163	13.192	13.172	(0.974)	2475830	80.0000	78.72
	40 Acenaphthylene	152	13.288	13.274	(0.981)	3549193	80.0000	74.49
	41 2,6-Dinitrotoluene	165	13.293	13.274	(0.982)	666507	80.0000	85.19
*	42 Acenaphthene-d10	164	13.539	13.530	(1.000)	464659	20.0000	
	43 3-Nitroaniline	138	13.512	13.482	(0.998)	651907	80.0000	87.26
	44 Acenaphthene	153	13.592	13.578	(1.004)	2380749	80.0000	79.17
	45 2,4-Dinitrophenol	184	13.688	13.658	(1.011)	1224661	160.000	211.3
	46 Dibenzofuran	168	13.859	13.840	(1.024)	3258086	80.0000	77.33
	47 4-Nitrophenol	109	13.795	13.765	(1.019)	512702	80.0000	75.08(M)
	48 2,4-Dinitrotoluene	165	13.929	13.909	(1.029)	788802	80.0000	82.89
	50 Diethylphthalate	149	14.356	14.337	(1.060)	2450893	80.0000	77.08
	49 Fluorene	166	14.426	14.406	(1.065)	2576080	80.0000	77.41
	51 4-Chlorophenyl-phenylether	204	14.431	14.422	(1.066)	1500620	80.0000	80.93
	52 4-Nitroaniline	138	14.538	14.486	(1.074)	579708	80.0000	86.70
	53 4,6-Dinitro-2-methylphenol	198	14.613	14.572	(0.916)	1224125	160.000	178.0
	54 N-Nitrosodiphenylamine	169	14.645	14.625	(0.918)	1452359	80.0000	83.91
$	55 2,4,6-Tribromophenol	330	14.848	14.834	(1.097)	387228	80.0000	85.89
	56 4-Bromophenyl-phenylether	248	15.227	15.218	(0.955)	793849	80.0000	84.48
	57 Hexachlorobenzene	284	15.462	15.448	(0.970)	786656	80.0000	82.29
	58 Pentachlorophenol	266	15.756	15.742	(0.988)	525675	80.0000	87.63
*	59 Phenanthrene-d10	188	15.948	15.939	(1.000)	678905	20.0000	
	60 Phenanthrene	178	15.991	15.977	(1.003)	3340674	80.0000	76.69
	61 Anthracene	178	16.066	16.046	(1.007)	3376153	80.0000	77.41
	62 Carbazole	167	16.338	16.319	(1.024)	3058938	80.0000	78.85
	63 Di-n-butylphthalate	149	17.027	17.019	(1.068)	3372759	80.0000	74.56
	64 Fluoranthene	202	17.957	17.943	(1.126)	3628453	80.0000	72.84
	65 Pyrene	202	18.320	18.306	(0.901)	3735021	80.0000	75.54
$	66 Terphenyl-d14	244	18.609	18.600	(0.915)	2484277	80.0000	80.27
	67 Butylbenzylphthalate	149	19.485	19.471	(0.958)	1590041	80.0000	73.14
	68 Benzo(a)anthracene	228	20.302	20.283	(0.999)	3920800	80.0000	72.69
*	69 Chrysene-d12	240	20.329	20.309	(1.000)	688440	20.0000	
	70 3,3'-Dichlorobenzidine	252	20.291	20.272	(0.998)	1716458	80.0000	77.75
	71 Chrysene	228	20.377	20.347	(1.002)	3659787	80.0000	75.50
	72 bis(2-Ethylhexyl)phthalate	149	20.468	20.464	(0.956)	2273547	80.0000	68.09
*	134 Di-n-octylphthalate-d4	153	21.413	21.404	(1.000)	1104310	20.0000	
	73 Di-n-octylphthalate	149	21.424	21.410	(1.000)	4157984	80.0000	65.28

	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	21.990	21.955	(0.976)	5363527	80.0000	82.58
	75 Benzo(k)fluoranthene	252	22.028	21.987	(0.978)	4606262	80.0000	67.04
	76 Benzo(a)pyrene	252	22.455	22.425	(0.997)	4670219	80.0000	78.33
*	77 Perylene-d12	264	22.524	22.510	(1.000)	904502	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	24.378	24.316	(1.082)	6302853	80.0000	89.13
	79 Dibenzo(a,h)anthracene	278	24.410	24.343	(1.084)	5297771	80.0000	89.17
	80 Benzo(g,h,i)perylene	276	24.378	24.316	(1.082)	6302853	80.0000	89.13
	90 N-Nitrosodimethylamine	74	4.094	4.043	(0.477)	1333940	80.0000	78.07
	103 Pyridine	79	4.041	4.059	(0.471)	1963377	80.0000	77.62
	91 Aniline	93	8.122	8.103	(0.947)	3130437	80.0000	78.32
	105 1-methylnaphthalene	141	11.979	11.970	(1.126)	2171521	80.0000	79.57
	93 Benzidine	184	18.187	18.172	(0.895)	1537770	80.0000	66.54
	111 Azobenzene (1,2-DP-Hydrazine)	77	14.693	14.673	(1.085)	3288215	80.0000	71.04
	144 alpha-Terpineol	59	10.686	10.667	(1.005)	1401213	80.0000	84.79
	143 1,4-Dioxane	88	3.298	3.284	(0.385)	842043	80.0000	80.86
$	137 d8-1,4-Dioxane	96	3.234	3.220	(0.377)	839518	80.0000	80.46
	133 Butylatedhydroxytoluene	205	13.694	13.680	(1.011)	2318841	80.0000	74.36
	115 Tributyl Phosphate	99	14.720	14.689	(0.923)	3160049	80.0000	79.11
	116 Dibutyl Phenyl Phosphate	175	16.466	16.458	(1.032)	1810030	80.0000	78.47
	117 Butyl Diphenyl Phosphate	94	18.181	18.167	(0.894)	798615	80.0000	78.86
	118 Triphenyl Phosphate	326	19.811	19.796	(0.974)	617100	80.0000	75.38
	123 Acetophenone	105	9.276	9.251	(1.082)	2333810	80.0000	77.06

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: 0801001.d
Lab Smp Id: ABN 80
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071001.b/SW846.m
Misc Info:

Calibration Date: 01-OCT-2007
Calibration Time: 10:54
Client Smp ID: ABN 80
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	298450	40.73
27 Naphthalene-d8	656578	328289	1313156	883559	34.57
42 Acenaphthene-d10	353705	176852	707410	464659	31.37
59 Phenanthrene-d10	526440	263220	1052880	678905	28.96
69 Chrysene-d12	581923	290962	1163846	688440	18.30
134 Di-n-octylphthala	979097	489548	1958194	1104310	12.79
77 Perylene-d12	686531	343266	1373062	904502	31.75

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.57	8.07	9.07	8.58	0.10
27 Naphthalene-d8	10.63	10.13	11.13	10.64	0.08
42 Acenaphthene-d10	13.53	13.03	14.03	13.54	0.06
59 Phenanthrene-d10	15.95	15.45	16.45	15.95	0.02
69 Chrysene-d12	20.32	19.82	20.82	20.33	0.07
134 Di-n-octylphthala	21.41	20.91	21.91	21.41	0.01
77 Perylene-d12	22.52	22.02	23.02	22.52	0.04

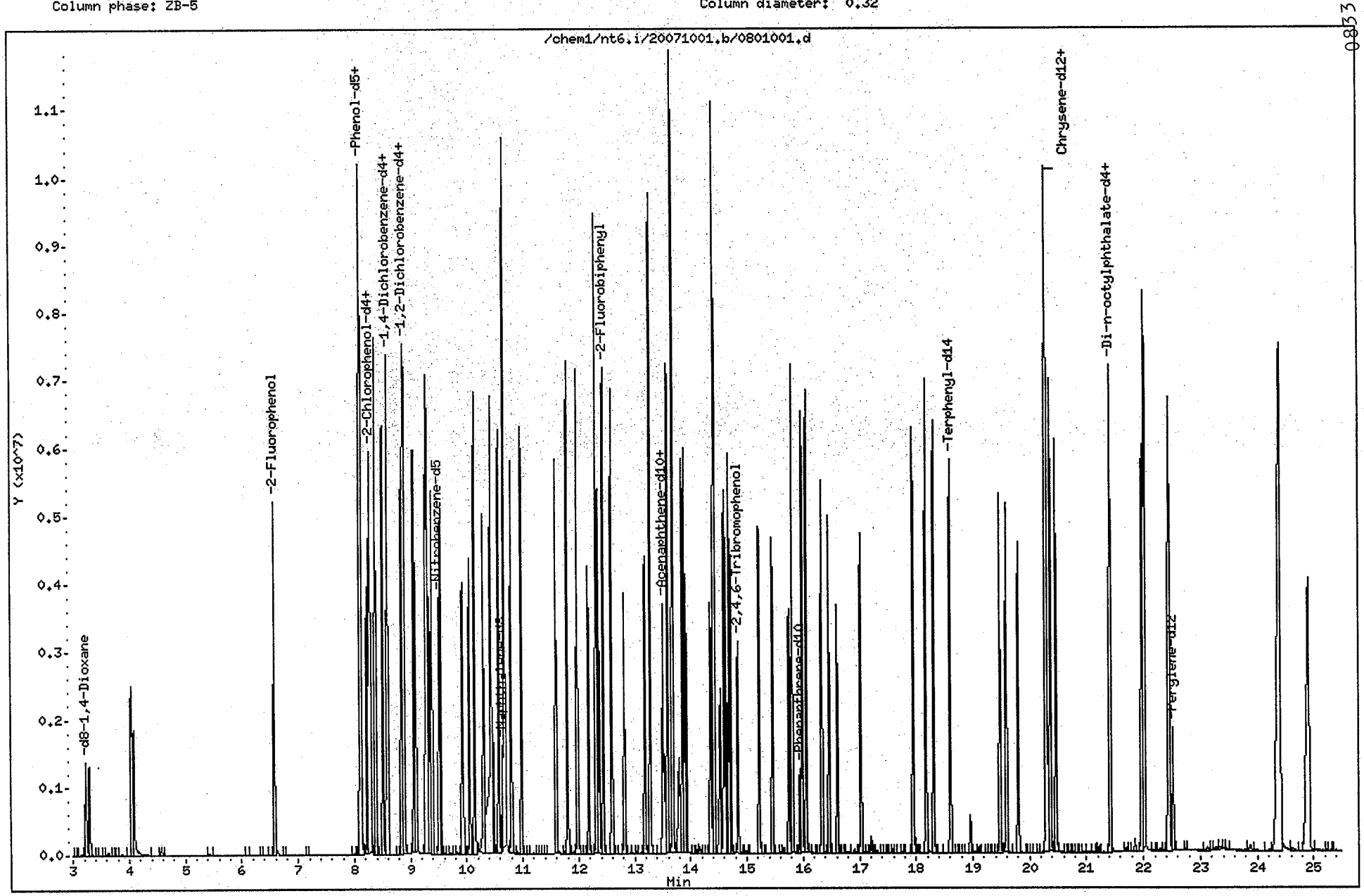
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20071001.b/0801001.d
Date : 01-OCT-2007 11:28
Client ID: ABN 80
Sample Info: ABN 80

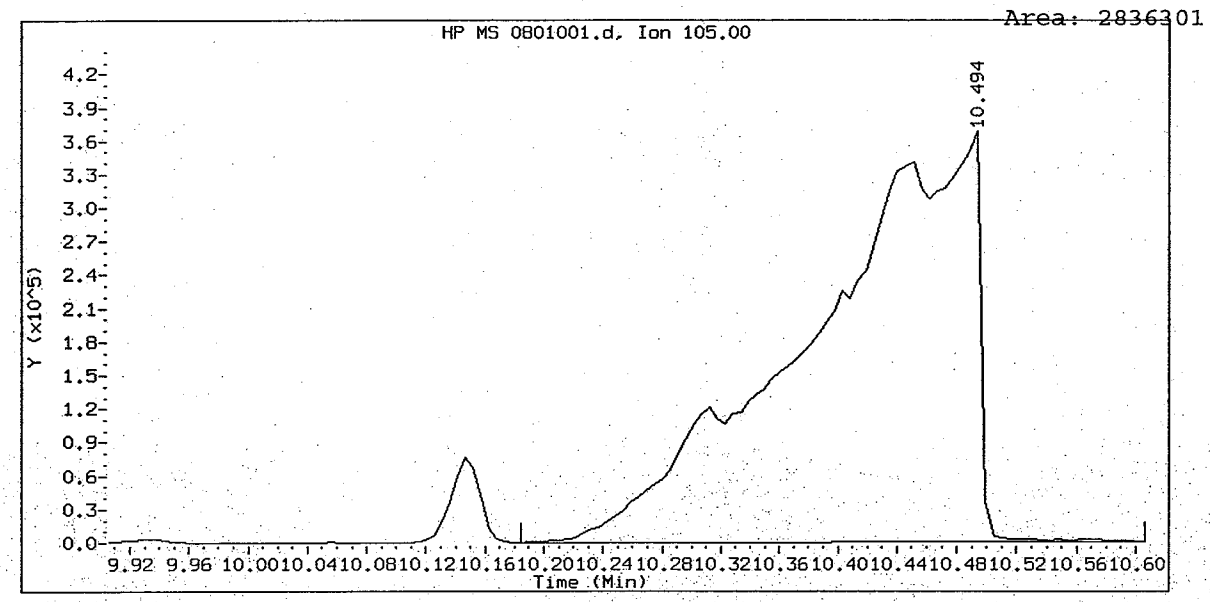
Instrument: nt6.i

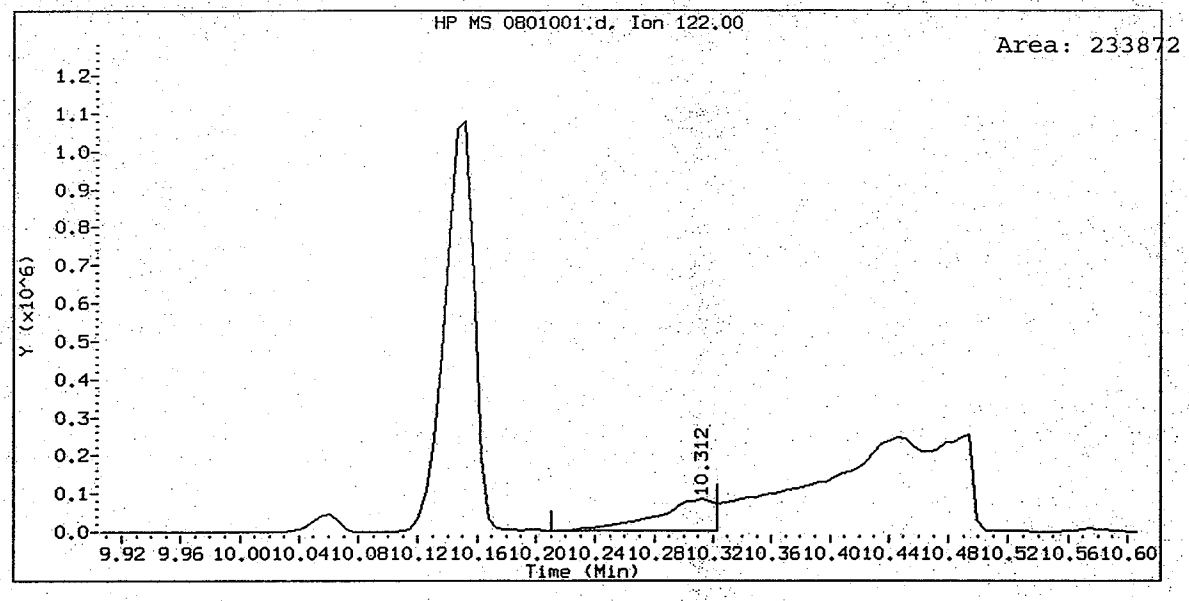
Operator: LJR/VTS
Column diameter: 0.32

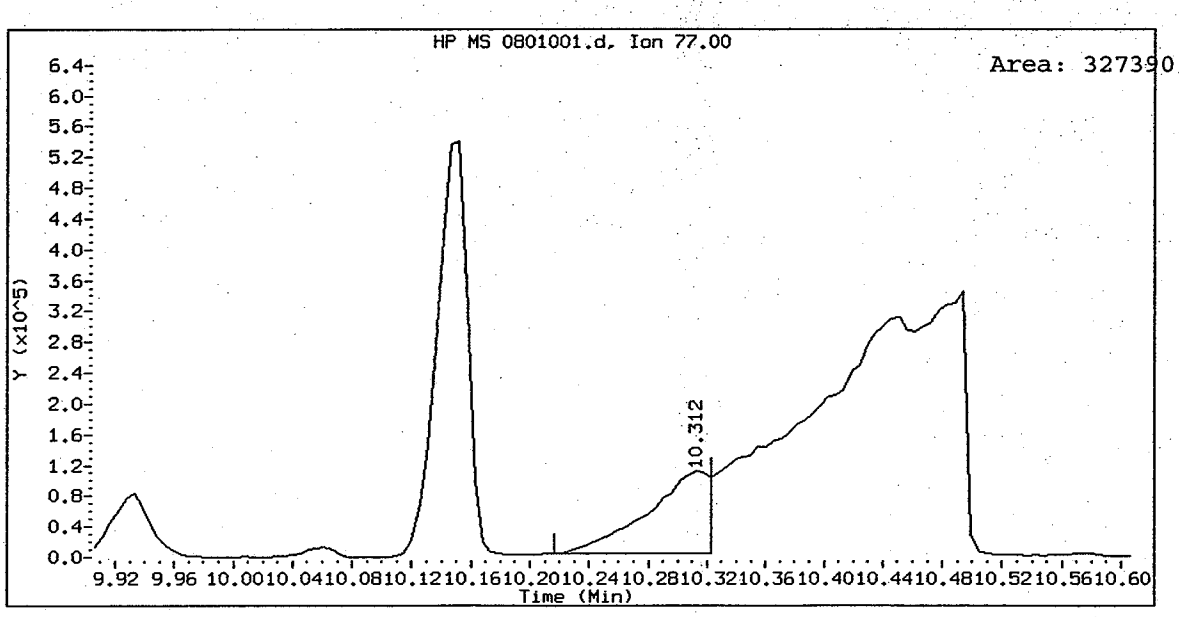
Column phase: ZB-5



ABN 80, /chem1/nt6.i/20071001.b/0801001.d
Benzoic acid Amount: 178.49







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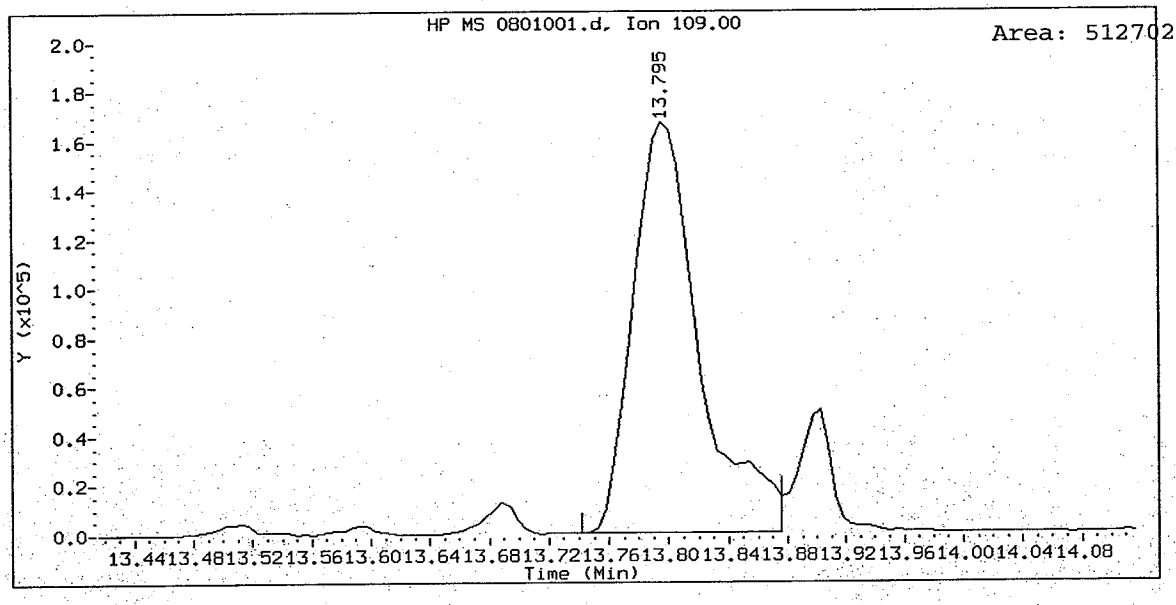
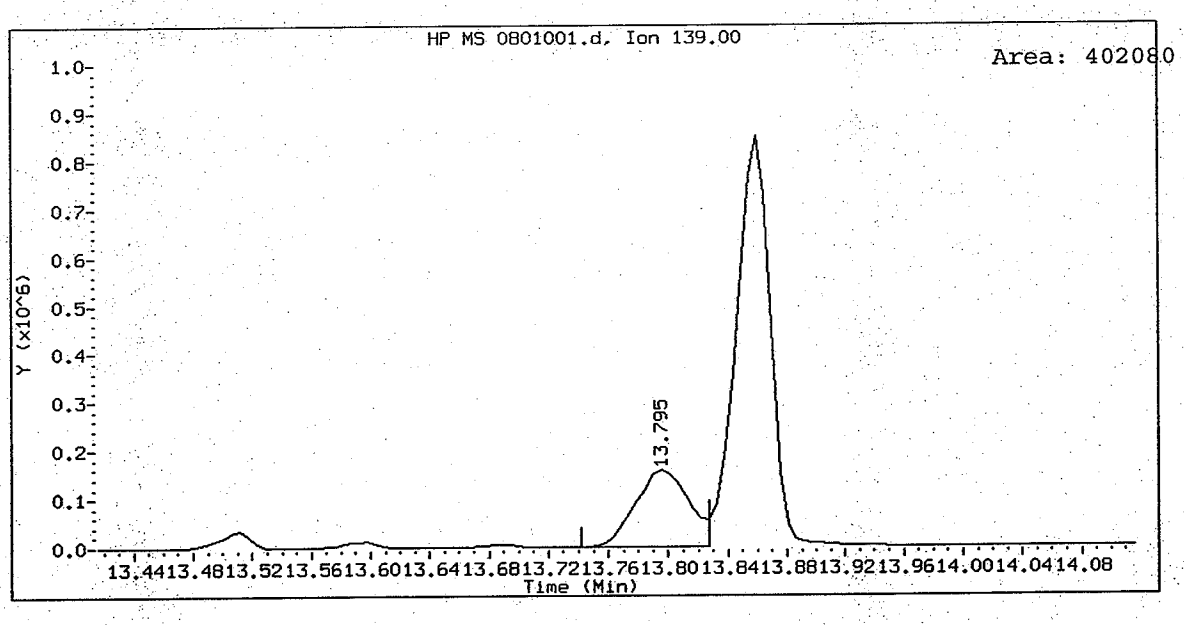
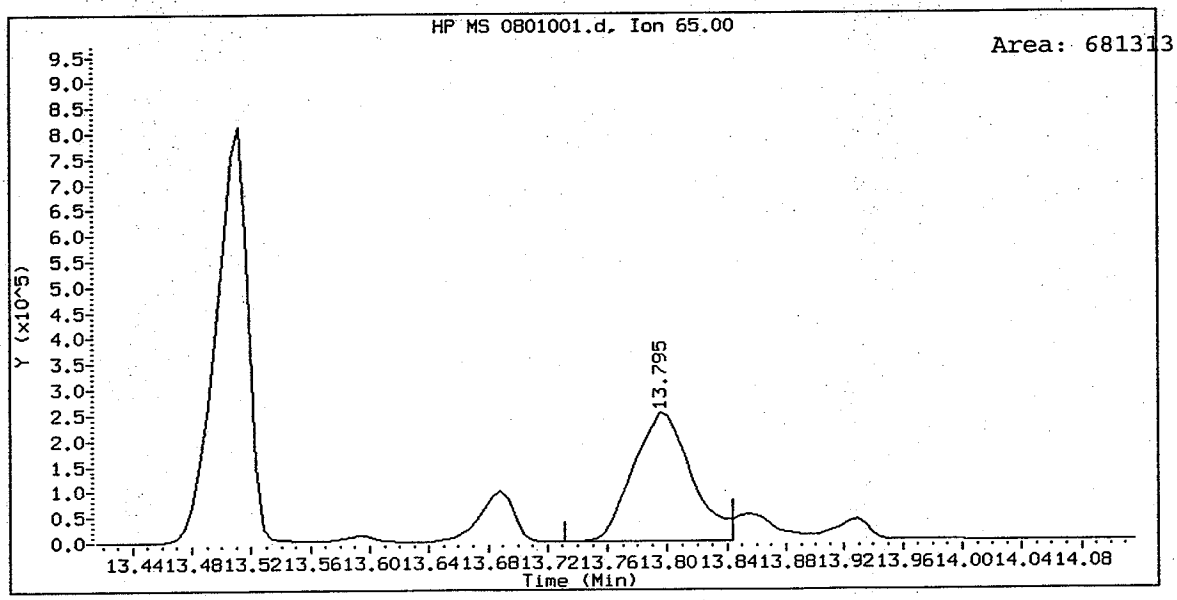
4-Nitrophenol Amount: 75.08







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071001.b/icv1001.d
Lab Smp Id: ABN ICV Client Smp ID: ABN ICV
Inj Date : 01-OCT-2007 14:22
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN ICV
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20071001.b/SW846.m
Meth Date : 01-Oct-2007 16:04 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 7 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICV.sub
Target Version: 3.50

LJR 10/1/07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)
	3 Phenol	94	8.103	8.097	(0.946)	573272	26.1000	26.10
	4 Bis(2-Chloroethyl)ether	93	8.216	8.209	(0.959)	344767	23.2267	23.23
	6 2-Chlorophenol	128	8.280	8.273	(0.967)	322329	24.3935	24.39
	7 1,3-Dichlorobenzene	146	8.504	8.503	(0.993)	363837	24.7801	24.78
*	8 1,4-Dichlorobenzene-d4	152	8.563	8.562	(1.000)	188269	20.0000	
	9 1,4-Dichlorobenzene	146	8.590	8.589	(1.003)	370407	24.4633	24.46
	11 Benzyl alcohol	108	8.830	8.824	(1.031)	217330	25.3058	25.31
	12 1,2-Dichlorobenzene	146	8.889	8.888	(1.038)	338163	23.7478	23.75
	13 2-Methylphenol	108	9.049	9.043	(1.057)	325952	25.8219	25.82
	14 2,2'-oxybis(1-Chloropropane)	45	9.092	9.091	(1.062)	311516	22.7418	22.74
	15 4-Methylphenol	108	9.279	9.272	(1.084)	334533	25.3028	25.30
	16 N-Nitroso-di-n-propylamine	70	9.311	9.305	(1.087)	318304	24.0453	24.05
	17 Hexachloroethane	117	9.386	9.385	(1.096)	171296	25.6121	25.61
	19 Nitrobenzene	77	9.524	9.518	(0.896)	483789	24.5884	24.59
	20 Isophorone	82	9.909	9.903	(0.932)	771788	26.6391	26.64
	21 2-Nitrophenol	139	10.048	10.047	(0.945)	161017	24.4704	24.47
	22 2,4-Dimethylphenol	107	10.133	10.127	(0.953)	381058	25.3450	25.35
	23 Bis(2-Chloroethoxy)methane	93	10.288	10.287	(0.968)	390900	24.3420	24.34
	24 Benzoic acid	105	10.347	10.255	(0.973)	530237	51.6716	51.67(M)
	25 2,4-Dichlorophenol	162	10.427	10.421	(0.981)	252426	25.3305	25.33
	26 1,2,4-Trichlorobenzene	180	10.571	10.565	(0.994)	297301	24.4717	24.47
*	27 Naphthalene-d8	136	10.630	10.629	(1.000)	570573	20.0000	
	28 Naphthalene	128	10.662	10.661	(1.003)	851440	24.2088	24.21
	29 4-Chloroaniline	127	10.790	10.784	(1.015)	340778	25.0473	25.05
	30 Hexachlorobutadiene	225	10.977	10.977	(1.033)	196061	24.1960	24.20
	31 4-Chloro-3-methylphenol	107	11.586	11.586	(1.090)	309908	26.6219	26.62
	32 2-Methylnaphthalene	141	11.795	11.794	(1.110)	458286	25.9331	25.93

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)
	33 Hexachlorocyclopentadiene	237	12.179	12.179	(0.900)	175552	25.3071	25.31
	34 2,4,6-Trichlorophenol	196	12.302	12.301	(0.909)	185819	24.0997	24.10
	35 2,4,5-Trichlorophenol	196	12.356	12.360	(0.913)	197789	26.4842	26.48
	37 2-Chloronaphthalene	162	12.585	12.585	(0.930)	506949	24.2647	24.26
	38 2-Nitroaniline	65	12.810	12.804	(0.947)	235991	25.2207	25.22
	39 Dimethylphthalate	163	13.173	13.172	(0.974)	522660	24.7228	24.72
	40 Acenaphthylene	152	13.275	13.274	(0.981)	823244	25.7056	25.71
	41 2,6-Dinitrotoluene	165	13.275	13.274	(0.981)	132124	25.1257	25.13
*	42 Acenaphthene-d10	164	13.531	13.530	(1.000)	312322	20.0000	
	43 3-Nitroaniline	138	13.488	13.482	(0.997)	118654	23.6292	23.63
	44 Acenaphthene	153	13.584	13.578	(1.004)	492274	24.3543	24.35
	45 2,4-Dinitrophenol	184	13.659	13.658	(1.009)	168937	43.3733	43.37
	46 Dibenzofuran	168	13.846	13.840	(1.023)	715154	25.2543	25.25
	47 4-Nitrophenol	109	13.766	13.765	(1.017)	115012	25.0556	25.06
	48 2,4-Dinitrotoluene	165	13.910	13.909	(1.028)	149674	23.4004	23.40
	49 Fluorene	166	14.412	14.406	(1.065)	570933	25.5255	25.53
	50 Diethylphthalate	149	14.343	14.337	(1.060)	517147	24.1981	24.20
	51 4-Chlorophenyl-phenylether	204	14.423	14.422	(1.066)	315130	25.2834	25.28
	52 4-Nitroaniline	138	14.498	14.486	(1.071)	104676	23.2910	23.29
	53 4,6-Dinitro-2-methylphenol	198	14.578	14.572	(0.915)	228506	48.1683	48.17
	54 N-Nitrosodiphenylamine	169	14.626	14.625	(0.918)	373557	31.2832	31.28
	56 4-Bromophenyl-phenylether	248	15.219	15.218	(0.955)	156441	24.1315	24.13
	57 Hexachlorobenzene	284	15.454	15.448	(0.970)	159538	24.1880	24.19
	58 Pentachlorophenol	266	15.743	15.742	(0.988)	100835	24.3648	24.36
*	59 Phenanthrene-d10	188	15.940	15.939	(1.000)	468398	20.0000	
	60 Phenanthrene	178	15.978	15.977	(1.002)	724492	24.1074	24.11
	61 Anthracene	178	16.052	16.046	(1.007)	750262	24.9325	24.93
	62 Carbazole	167	16.325	16.319	(1.024)	646800	24.1640	24.16
	63 Di-n-butylphthalate	149	17.019	17.019	(1.068)	749571	24.0165	24.02
	64 Fluoranthene	202	17.944	17.943	(1.126)	813379	23.6671	23.67
	65 Pyrene	202	18.307	18.306	(0.901)	820364	24.3417	24.34
	67 Butylbenzylphthalate	149	19.477	19.471	(0.959)	355275	23.9743	23.97
	68 Benzo(a)anthracene	228	20.283	20.283	(0.998)	897256	24.4042	24.40
*	69 Chrysene-d12	240	20.316	20.309	(1.000)	469250	20.0000	
	70 3,3'-Dichlorobenzidine	252	20.278	20.272	(0.998)	379521	25.2217	25.22
	71 Chrysene	228	20.353	20.347	(1.002)	798963	24.1816	24.18
	72 bis(2-Ethylhexyl)phthalate	149	20.465	20.464	(0.956)	532773	22.3538	22.35
*	134 Di-n-octylphthalate-d4	153	21.405	21.404	(1.000)	788212	20.0000	
	73 Di-n-octylphthalate	149	21.416	21.410	(1.000)	1084431	23.8521	23.85
	74 Benzo(b)fluoranthene	252	21.966	21.955	(0.976)	1019604	25.3655	25.37
	75 Benzo(k)fluoranthene	252	21.998	21.987	(0.977)	1041769	24.4999	24.50
	76 Benzo(a)pyrene	252	22.431	22.425	(0.996)	998374	27.0564	27.06
*	77 Perylene-d12	264	22.511	22.510	(1.000)	559765	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	24.333	24.316	(1.081)	1143650	26.1337	26.13
	79 Dibenzo(a,h)anthracene	278	24.354	24.343	(1.082)	962210	26.1704	26.17
	80 Benzo(g,h,i)perylene	276	24.333	24.316	(1.081)	1143650	26.1337	26.13
	103 Pyridine	79	4.033	4.059	(0.471)	441869	27.6938	27.69

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)
90 N-Nitrosodimethylamine	74	4.054	4.043	(0.473)	261910	24.2987	24.30
91 Aniline	93	8.103	8.103	(0.946)	655351	25.9929	25.99
105 1-methylnaphthalene	141	11.971	11.970	(1.126)	444472	25.2212	25.22
111 Azobenzene (1,2-DP-Hydrazine)	77	14.680	14.673	(1.085)	801862	25.7752	25.78
93 Benzidine	184	18.173	18.172	(0.895)	433755	27.5349	27.53

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: icv1001.d
Lab Smp Id: ABN ICV
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071001.b/SW846.m
Misc Info:

Calibration Date: 01-OCT-2007
Calibration Time: 10:54
Client Smp ID: ABN ICV
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	188269	-11.23
27 Naphthalene-d8	656578	328289	1313156	570573	-13.10
42 Acenaphthene-d10	353705	176852	707410	312322	-11.70
59 Phenanthrene-d10	526440	263220	1052880	468398	-11.03
69 Chrysene-d12	581923	290962	1163846	469250	-19.36
134 Di-n-octylphthala	979097	489548	1958194	788212	-19.50
77 Perylene-d12	686531	343266	1373062	559765	-18.46

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.57	8.07	9.07	8.56	-0.06
27 Naphthalene-d8	10.63	10.13	11.13	10.63	0.00
42 Acenaphthene-d10	13.53	13.03	14.03	13.53	0.00
59 Phenanthrene-d10	15.95	15.45	16.45	15.94	-0.03
69 Chrysene-d12	20.32	19.82	20.82	20.32	0.00
134 Di-n-octylphthala	21.41	20.91	21.91	21.41	-0.02
77 Perylene-d12	22.52	22.02	23.02	22.51	-0.02

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:
Sample Matrix: NONE
Lab Smp Id: ABN ICV
Level:
Data Type: MS DATA
SpikeList File: ICV.spk
Sublist File: ICV.sub
Method File: /chem1/nt6.i/20071001.b/SW846.m
Misc Info:

Client SDG: 20071001
Fraction: SV
Client Smp ID: ABN ICV
Operator: LJR/VTS
SampleType: LCS
Quant Type: ISTD

SPIKE COMPOUND	AMOUNT ADDED ug/mL	AMOUNT RECOVERED ug/mL	% RECOVERED	LIMITS
3 Phenol	25.00	26.10	104.40	
4 Bis(2-Chloroethyl)	25.00	23.23	92.91	
6 2-Chlorophenol	25.00	24.39	97.57	
7 1,3-Dichlorobenzen	25.00	24.78	99.12	
9 1,4-Dichlorobenzen	25.00	24.46	97.85	
11 Benzyl alcohol	25.00	25.31	101.22	
12 1,2-Dichlorobenzen	25.00	23.75	94.99	
13 2-Methylphenol	25.00	25.82	103.29	
14 2,2'-oxybis(1-Chlo	25.00	22.74	90.97	
15 4-Methylphenol	25.00	25.30	101.21	
16 N-Nitroso-di-n-pro	25.00	24.05	96.18	
17 Hexachloroethane	25.00	25.61	102.45	
19 Nitrobenzene	25.00	24.59	98.35	
20 Isophorone	25.00	26.64	106.56	
21 2-Nitrophenol	25.00	24.47	97.88	
22 2,4-Dimethylphenol	25.00	25.35	101.38	OC
23 Bis(2-Chloroethoxy	25.00	24.34	97.37	
24 Benzoic acid	50.00	51.67	103.34	
25 2,4-Dichlorophenol	25.00	25.33	101.32	
26 1,2,4-Trichloroben	25.00	24.47	97.89	
28 Naphthalene	25.00	24.21	96.84	
29 4-Chloroaniline	25.00	25.05	100.19	
30 Hexachlorobutadien	25.00	24.20	96.78	
31 4-Chloro-3-methylp	25.00	26.62	106.49	
32 2-Methylnaphthalen	25.00	25.93	103.73	
33 Hexachlorocyclopen	25.00	25.31	101.23	
34 2,4,6-Trichlorophe	25.00	24.10	96.40	
35 2,4,5-Trichlorophe	25.00	26.48	105.94	
37 2-Chloronaphthalen	25.00	24.26	97.06	
38 2-Nitroaniline	25.00	25.22	100.88	
39 Dimethylphthalate	25.00	24.72	98.89	
40 Acenaphthylene	25.00	25.71	102.82	
41 2,6-Dinitrotoluene	25.00	25.13	100.50	

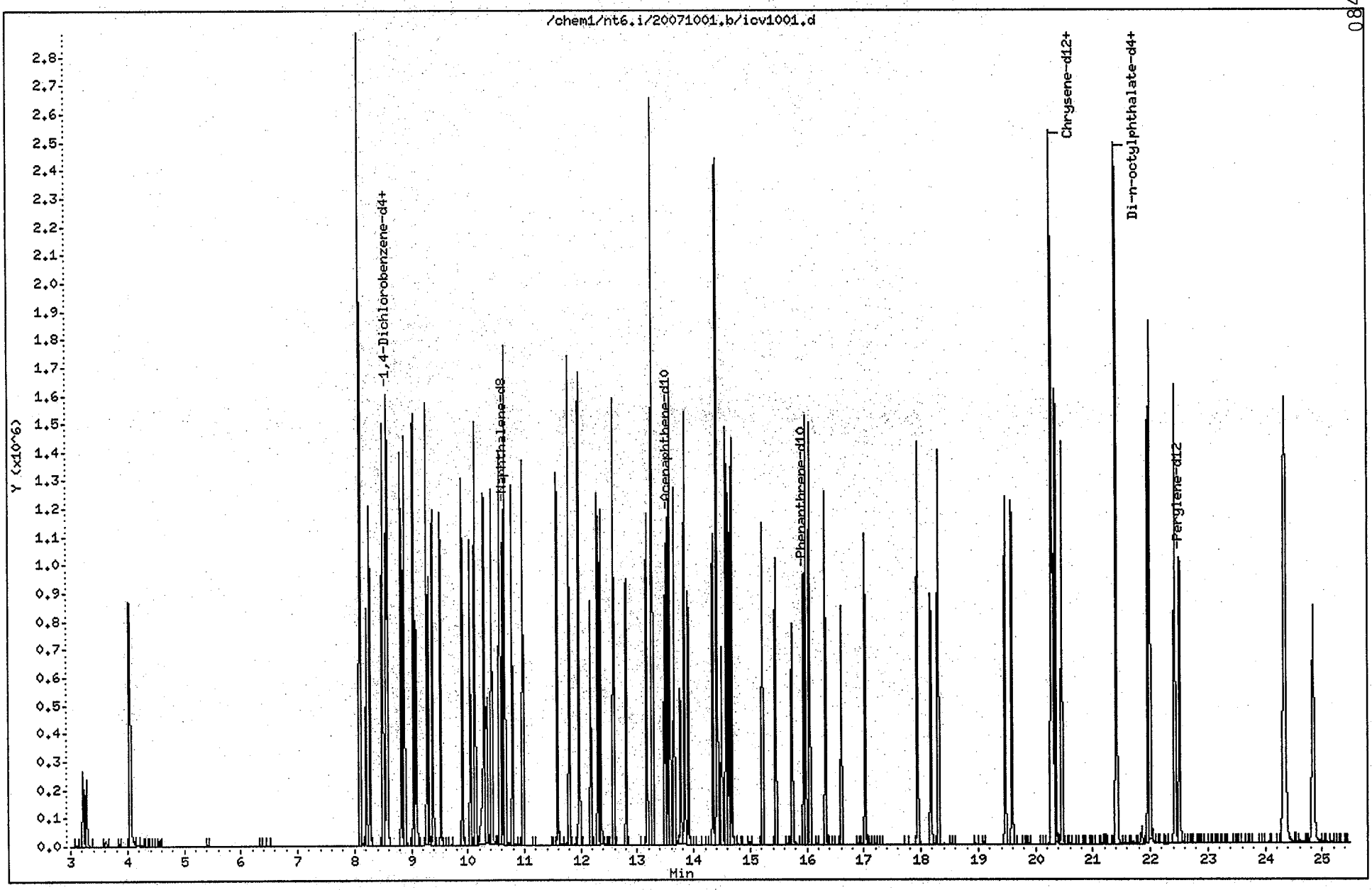
SPIKE	COMPOUND	AMOUNT ADDED ug/mL	AMOUNT RECOVERED ug/mL	% RECOVERED	LIMITS
43	3-Nitroaniline	25.00	23.63	94.52	
44	Acenaphthene	25.00	24.35	97.42	
45	2,4-Dinitrophenol	50.00	43.37	86.75	
46	Dibenzofuran	25.00	25.25	101.02	
47	4-Nitrophenol	25.00	25.06	100.22	
48	2,4-Dinitrotoluene	25.00	23.40	93.60	
49	Fluorene	25.00	25.53	102.10	
50	Diethylphthalate	25.00	24.20	96.79	
51	4-Chlorophenyl-phe	25.00	25.28	101.13	
52	4-Nitroaniline	25.00	23.29	93.16	
53	4,6-Dinitro-2-meth	50.00	48.17	96.34	
54	N-Nitrosodiphenyla	25.00	31.28	125.13	
56	4-Bromophenyl-phen	25.00	24.13	96.53	
57	Hexachlorobenzene	25.00	24.19	96.75	
58	Pentachlorophenol	25.00	24.36	97.46	
60	Phenanthrene	25.00	24.11	96.43	
61	Anthracene	25.00	24.93	99.73	
62	Carbazole	25.00	24.16	96.66	OK
63	Di-n-butylphthalat	25.00	24.02	96.07	
64	Fluoranthene	25.00	23.67	94.67	
65	Pyrene	25.00	24.34	97.37	
67	Butylbenzylphthala	25.00	23.97	95.90	
68	Benzo(a)anthracene	25.00	24.40	97.62	
70	3,3'-Dichlorobenzi	25.00	25.22	100.89	
71	Chrysene	25.00	24.18	96.73	
72	bis(2-Ethylhexyl)p	25.00	22.35	89.42	
73	Di-n-octylphthalat	25.00	23.85	95.41	
74	Benzo(b)fluoranthe	25.00	25.37	101.46	
75	Benzo(k)fluoranthe	25.00	24.50	98.00	
76	Benzo(a)pyrene	25.00	27.06	108.23	
78	Indeno(1,2,3-cd)py	25.00	26.13	104.53	
79	Dibenzo(a,h)anthra	25.00	26.17	104.68	
80	Benzo(g,h,i)peryle	25.00	26.13	104.53	
90	N-Nitrosodimethyla	25.00	24.30	97.19	
91	Aniline	25.00	25.99	103.97	
93	Benzidine	25.00	27.53	110.14	
103	Pyridine	25.00	27.69	110.78	
105	1-methylnaphthalen	25.00	25.22	100.88	

Data File: /chem1/nt6.i/20071001.b/icv1001.d
Date : 01-OCT-2007 14:22
Client ID: ABN ICV
Sample Info: ABN ICV

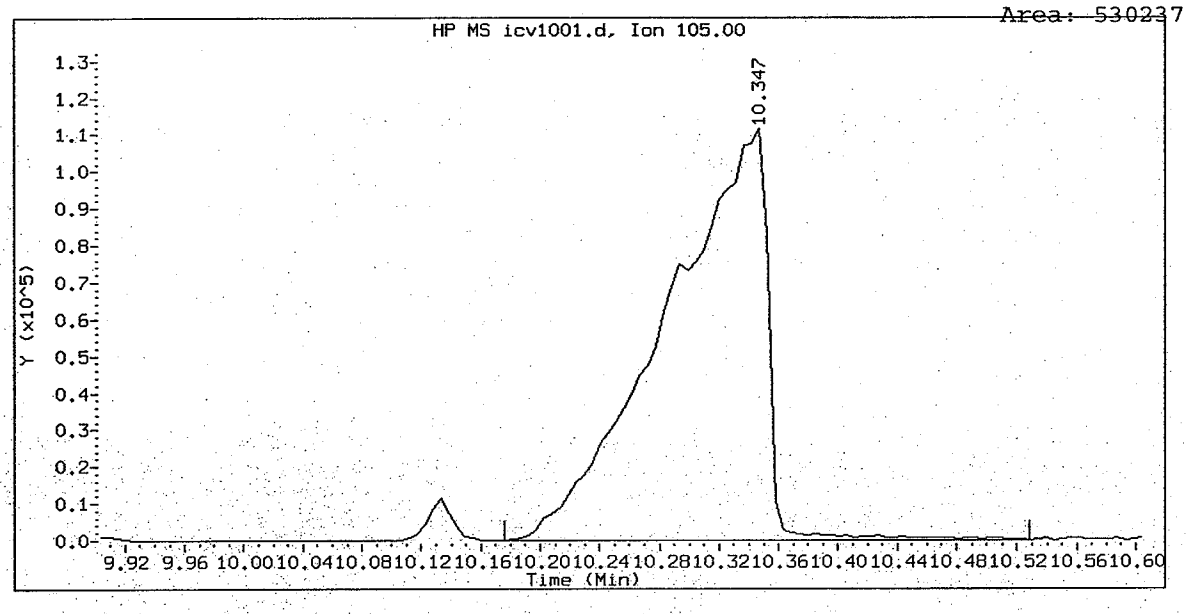
Instrument: nt6.i

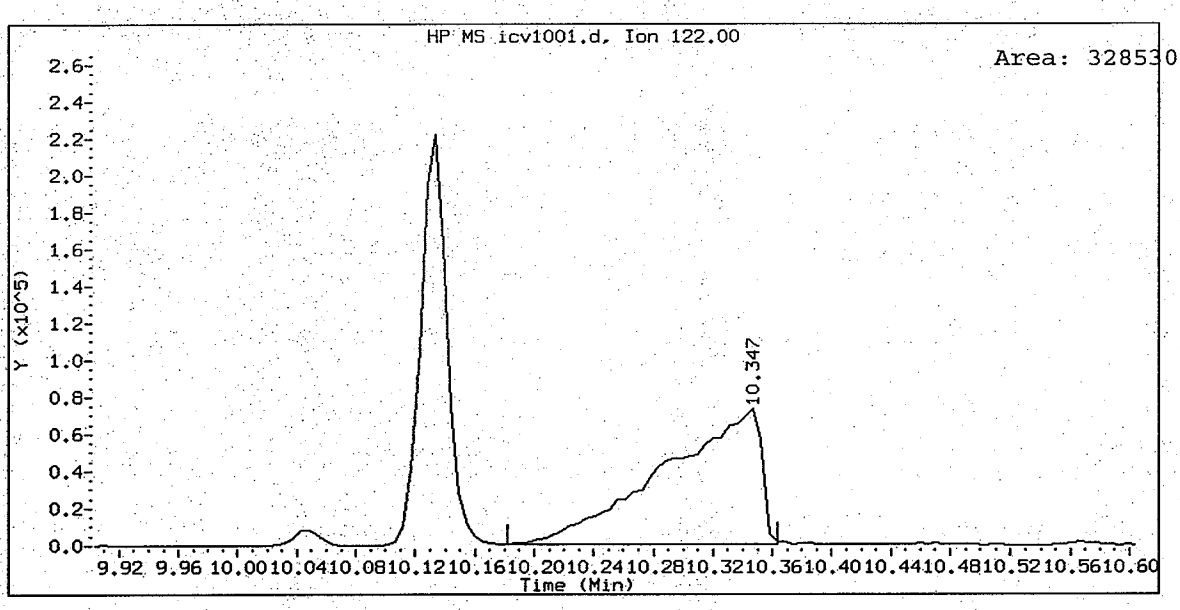
Operator: LJR/VTS
Column diameter: 0.32

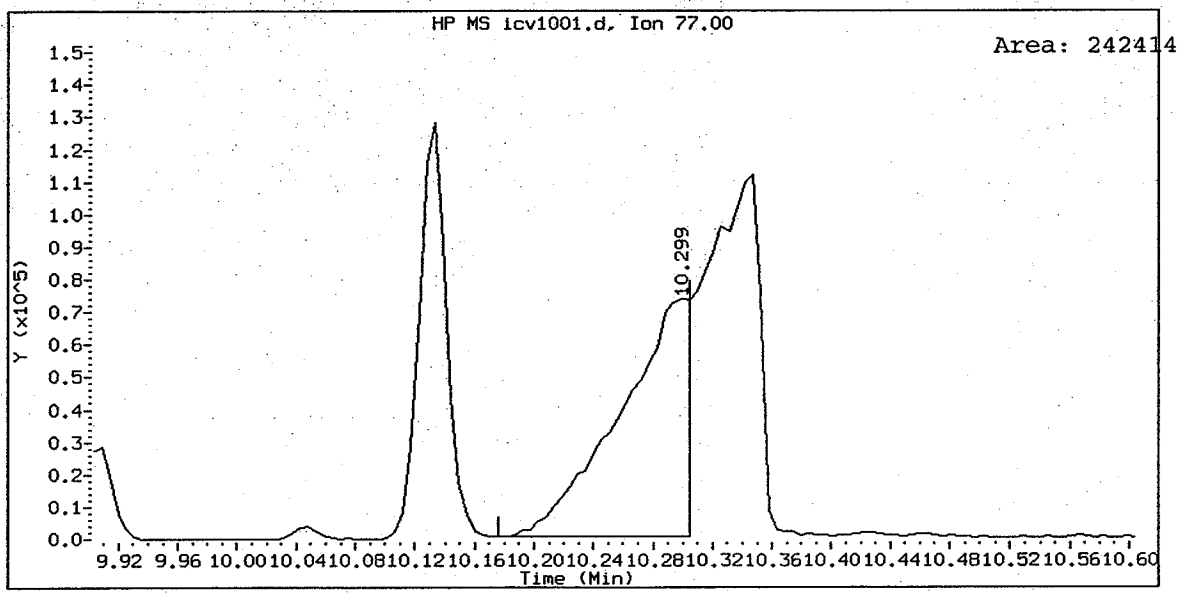
Column phase: ZB-5



ABN ICV, /chem1/nt6.i/20071001.b/icv1001.d
Benzoic acid Amount: 51.67







SEMIVOLATILE 8270-C INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: RIDOLFI, INC.

ARI Job No: LR71 Project: MAKAH NALEMP

Instrument ID: NT4 Calibration Date: 10/01/07

LAB FILE ID: RRF1 =0011001 RRF5 =0051001 RRF10 =0101001
RRF25 =0251001 RRF40 =0401001 RRF80 =0801001

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	___ RRF	%RSD /R^2	
Phenol	2.237	2.480	2.386	2.228	2.163	2.004	2.250	7.4	*
Bis(2-Chloroethyl)ether	1.829	1.906	1.811	1.702	1.659	1.494	1.734	8.5	
2-Chlorophenol	1.689	1.784	1.662	1.605	1.548	1.429	1.620	7.6	
1,3-Dichlorobenzene	1.761	1.792	1.711	1.607	1.573	1.502	1.658	6.9	
1,4-Dichlorobenzene	1.683	1.832	1.740	1.644	1.592	1.533	1.671	6.4	*
1,2-Dichlorobenzene	1.620	1.707	1.636	1.518	1.499	1.408	1.565	7.0	
Benzyl alcohol	0.831	1.083	1.134	1.075	1.043	0.992	1.026	10.4	
2,2'-oxybis(1-Chloropropane)	2.074	2.287	2.198	2.097	2.055	1.912	2.104	6.1	
2-Methylphenol	1.416	1.564	1.534	1.517	1.491	1.395	1.486	4.5	
Hexachloroethane	0.705	0.830	0.786	0.773	0.759	0.698	0.758	6.6	
N-Nitroso-di-n-propylamine	1.442	1.452	1.414	1.368	1.327	1.233	1.373	6.1	~
4-Methylphenol	1.342	1.603	1.570	1.578	1.564	1.418	1.512	7.0	
Nitrobenzene	0.634	0.652	0.616	0.548	0.545	0.513	0.585	9.7	
Isophorone	0.928	1.003	0.968	0.882	0.904	0.848	0.922	6.2	
2-Nitrophenol		0.236	0.227	0.211	0.220	0.209	0.221	5.1	*
2,4-Dimethylphenol	0.452	0.508	0.494	0.452	0.472	0.426	0.467	6.5	
Bis(2-Chloroethoxy)methane	0.581	0.607	0.583	0.525	0.534	0.490	0.553	8.0	
2,4-Dichlorophenol		0.330	0.320	0.307	0.317	0.302	0.315	3.5	*
1,2,4-Trichlorobenzene	0.375	0.418	0.394	0.358	0.360	0.333	0.373	8.0	
Naphthalene	1.318	1.335	1.269	1.200	1.162	1.084	1.228	7.9	
Benzoic acid		0.254	0.322	0.353	0.382	0.372	0.337	15.2	
4-Chloroaniline		0.532	0.550	0.528	0.500	0.476	0.517	5.7	
Hexachlorobutadiene	0.210	0.239	0.228	0.219	0.208	0.190	0.216	7.9	*
4-Chloro-3-methylphenol		0.363	0.401	0.416	0.404	0.364	0.390	6.2	*
2-Methylnaphthalene	0.621	0.674	0.657	0.641	0.602	0.557	0.625	6.8	
Hexachlorocyclopentadiene		0.319	0.339	0.368	0.384	0.401	0.362	9.1	~
2,4,6-Trichlorophenol		0.400	0.407	0.408	0.396	0.394	0.401	1.6	*
2,4,5-Trichlorophenol		0.450	0.409	0.434	0.424	0.427	0.429	3.5	
2-Chloronaphthalene	1.340	1.412	1.358	1.274	1.235	1.223	1.307	5.7	
2-Nitroaniline		0.555	0.598	0.576	0.558	0.555	0.568	3.3	
Acenaphthylene	1.922	2.086	2.047	1.957	1.897	1.827	1.956	4.9	
Dimethylphthalate	1.412	1.511	1.502	1.432	1.366	1.312	1.422	5.4	
2,6-Dinitrotoluene		0.328	0.333	0.330	0.315	0.320	0.325	2.4	
Acenaphthene	1.355	1.378	1.342	1.262	1.236	1.217	1.298	5.3	*
3-Nitroaniline		0.355	0.393	0.399	0.386	0.378	0.382	4.5	
2,4-Dinitrophenol		0.086	0.148	0.198	0.222	0.251	0.181	35.9	~
Dibenzofuran	1.739	1.820	1.766	1.648	1.590	1.583	1.691	5.8	

* Compounds with maximum %RSD = 30%

~ Compounds with minimum average RRF = .05

<- Outside QC limits

FORM VI SV-1

SEMIVOLATILE 8270-C INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: RIDOLFI, INC.

ARI Job No: LR71 Project: MAKAH NALEMP

Instrument ID: NT4 Calibration Date: 10/01/07

LAB FILE ID: RRF1 =0011001 RRF5 =0051001 RRF10 =0101001
RRF25 =0251001 RRF40 =0401001 RRF80 =0801001

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	___ RRF	%RSD /R^2	
4-Nitrophenol		0.226	0.282	0.302	0.290	0.251	0.270	11.4	~
2,4-Dinitrotoluene		0.424	0.450	0.434	0.417	0.424	0.430	3.0	
Fluorene	1.406	1.542	1.549	1.440	1.378	1.342	1.443	6.0	
4-Chlorophenyl-phenylether	0.713	0.770	0.750	0.703	0.665	0.644	0.708	6.8	
Diethylphthalate	1.382	1.472	1.501	1.419	1.350	1.249	1.396	6.5	
4-Nitroaniline		0.349	0.398	0.398	0.387	0.377	0.382	5.3	
4,6-Dinitro-2-methylphenol		0.118	0.155	0.172	0.181	0.188	0.163	17.2	
N-Nitrosodiphenylamine (1)	0.439	0.541	0.516	0.488	0.476	0.489	0.492	7.1	
4-Bromophenyl-phenylether	0.247	0.266	0.263	0.244	0.238	0.230	0.248	5.7	
Hexachlorobenzene	0.258	0.274	0.276	0.261	0.244	0.235	0.258	6.3	
Pentachlorophenol		0.122	0.137	0.167	0.160	0.168	0.151	13.7	*
Phenanthrene	1.463	1.472	1.443	1.360	1.284	1.271	1.382	6.5	
Anthracene	1.448	1.481	1.457	1.380	1.315	1.305	1.398	5.4	
Carbazole	1.186	1.198	1.278	1.228	1.154	1.130	1.196	4.4	
Di-n-butylphthalate	1.290	1.467	1.570	1.530	1.415	1.352	1.437	7.4	
Fluoranthene	1.457	1.505	1.611	1.561	1.430	1.415	1.496	5.2	*
Pyrene	1.647	1.772	1.706	1.514	1.592	1.386	1.603	8.7	
Butylbenzylphthalate	0.563	0.687	0.740	0.704	0.706	0.632	0.672	9.5	
Benzo(a)anthracene	1.440	1.560	1.580	1.485	1.472	1.381	1.486	5.0	
3,3'-Dichlorobenzidine		0.547	0.558	0.522	0.508	0.504	0.528	4.5	
Chrysene	1.575	1.577	1.488	1.392	1.386	1.355	1.462	6.8	
bis(2-Ethylhexyl)phthalate	0.517	0.661	0.681	0.668	0.661	0.593	0.630	10.0	
Di-n-octylphthalate	1.224	1.244	1.191	1.127	1.090	1.036	1.152	7.1	*
Benzo(b)fluoranthene	1.430	1.301	1.339	1.450	1.287	1.363	1.362	4.9	
Benzo(k)fluoranthene	1.465	1.605	1.606	1.352	1.419	1.183	1.438	11.2	
Benzo(a)pyrene	1.132	1.283	1.291	1.228	1.210	1.132	1.213	5.8	*
Indeno(1,2,3-cd)pyrene	1.112	1.484	1.417	1.310	1.360	1.314	1.333	9.5	
Dibenzo(a,h)anthracene	0.869	1.220	1.159	1.093	1.137	1.089	1.094	11.0	
Benzo(g,h,i)perylene	1.118	1.356	1.199	1.150	1.216	1.164	1.200	7.0	
N-Nitrosodimethylamine		1.427	1.271	1.224	1.187	1.037	1.229	11.5	
Aniline		2.897	2.897	2.704	2.623	2.294	2.683	9.3	
Benzidine		0.734	0.742	0.647	0.644	0.572	0.668	10.6	
Pyridine		2.141	2.042	2.012	1.932	1.733	1.972	7.8	
1-methylnaphthalene	0.655	0.683	0.664	0.645	0.606	0.548	0.634	7.7	
Azobenzene (1,2-DP-Hydrazine	1.930	2.058	2.088	1.940	1.839	1.761	1.936	6.4	
2-Fluorophenol		1.883	1.691	1.742	1.678	1.467	1.692	8.9	

(1) Cannot be seperated from Diphenylamine
* Compounds with maximum %RSD = 30%
~ Compounds with minimum average RRF = .05
<- Outside QC limits

FORM VI SV-2

SEMIVOLATILE 8270-C INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: RIDOLFI, INC.

ARI Job No: LR71 Project: MAKAH NALEMP

Instrument ID: NT4 Calibration Date: 10/01/07

LAB FILE ID: RRF1 =0011001 RRF5 =0051001 RRF10 =0101001
RRF25 =0251001 RRF40 =0401001 RRF80 =0801001

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	___ RRF	%RSD /R^2
Phenol-d5		2.061	1.996	1.929	1.873	1.613	1.894	9.1
2-Chlorophenol-d4		1.529	1.464	1.401	1.377	1.254	1.405	7.3
1,2-Dichlorobenzene-d4		1.005	0.928	0.892	0.874	0.822	0.904	7.5
Nitrobenzene-d5		0.593	0.551	0.500	0.505	0.489	0.528	8.2
2-Fluorobiphenyl		1.544	1.394	1.333	1.318	1.315	1.381	7.0
2,4,6-Tribromophenol		0.158	0.178	0.178	0.178	0.170	0.172	5.1
Terphenyl-d14		1.036	0.945	0.890	0.939	0.816	0.925	8.7

* Compounds with maximum %RSD = 30%
~ Compounds with minimum average RRF = .05
<- Outside QC limits

FORM VI SV-3

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 01-OCT-2007 10:31
End Cal Date : 01-OCT-2007 13:20
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20071001.b/SW846.m
Cal Date : 02-Oct-2007 10:17 jeff
Curve Type : Average

Calibration File Names:
Level 1: /chem3/nt4.i/20071001.b/0011001.d
Level 2: /chem3/nt4.i/20071001.b/0051001.d
Level 3: /chem3/nt4.i/20071001.b/0101001.d
Level 4: /chem3/nt4.i/20071001.b/0251001.d
Level 5: /chem3/nt4.i/20071001.b/0401001.d
Level 6: /chem3/nt4.i/20071001.b/0801001.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	
170 Pentachlorobenzene	0.50522	0.52651	0.50262	0.46464	0.44040	0.44908	0.48141	7.231	
168 2,3,5-Trimethylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
145 4,4'-DDE	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
169 2,6-Dimethylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
146 4,4'-DDD	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
147 4,4'-DDT	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
148 Dieldrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
149 TCMX	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
150 DCBP	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
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	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
133 Butylatedhydroxytoluene	1.18714	1.22127	1.16880	1.09721	1.05227	1.03754	1.12737	6.723	
132 3,6-Dimethylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
131 1-Methylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
130 Dibenzothiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
129 1-Methylfluorene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 01-OCT-2007 10:31
End Cal Date : 01-OCT-2007 13:20
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20071001.b/SW846.m
Cal Date : 02-Oct-2007 10:17 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	
128 N-Hexadecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
127 2-Isopropylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
126 N-Tetradecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
144 alpha-Terpineol	0.33668	0.37344	0.38842	0.36026	0.34823	0.32644	0.35558	6.510	
125 Safrole	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
124 3,4-Dimethylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
123 Acetophenone	2.19143	2.25288	2.25106	2.15120	2.10853	2.00081	2.15932	4.441	
122 Furfuraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
143 1,4-Dioxane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
121 Quinoline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
120 2,3,4,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
119 7,12-Dimethylbenz(a)anthracen	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
118 Triphenyl Phosphate	0.18994	0.22898	0.23236	0.23013	0.22658	0.21368	0.22028	7.383	
117 Butyl Diphenyl Phosphate	0.26181	0.35550	0.34878	0.32030	0.32511	0.26835	0.31331	12.686	
116 Dibutyl Phenyl Phosphate	0.56698	0.69462	0.72182	0.73642	0.68501	0.66902	0.67898	8.852	
115 Tributyl Phosphate	1.14612	1.33092	1.30313	1.26880	1.21079	1.18496	1.24079	5.786	
114 Beta-Pinene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
113 Diphenyl Oxide	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
112 Biphenyl	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
111 Azobenzene (1,2-DP-Hydrazine)	1.92970	2.05778	2.08754	1.94021	1.83935	1.76087	1.93591	6.446	
110 Tetrachloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
109 3,4,5-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
108 4,5,6-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
107 4,5-Dichloro-2-Methoxyphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
106 Guaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
105 1-methylnaphthalene	0.65490	0.68302	0.66359	0.64487	0.60579	0.54838	0.63342	7.721	
151 1,2,4,5-Tetrachlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
152 Benzo(e)pyrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
153 Chlorpyrifos	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 01-OCT-2007 10:31
End Cal Date : 01-OCT-2007 13:20
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20071001.b/SW846.m
Cal Date : 02-Oct-2007 10:17 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	
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	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
3 Phenol	2.23685	2.47997	2.38573	2.22824	2.16301	2.00396	2.24963	7.440	
4 Bis(2-Chloroethyl)ether	1.82885	1.90628	1.81071	1.70238	1.65881	1.49450	1.73359	8.500	
6 2-Chlorophenol	1.68927	1.78385	1.66208	1.60549	1.54786	1.42878	1.61955	7.582	
7 1,3-Dichlorobenzene	1.76103	1.79204	1.71098	1.60724	1.57313	1.50209	1.65775	6.903	
9 1,4-Dichlorobenzene	1.68265	1.83221	1.74038	1.64391	1.59249	1.53290	1.67076	6.385	
11 Benzyl alcohol	0.83099	1.08347	1.13456	1.07529	1.04293	0.99204	1.02655	10.399	
12 1,2-Dichlorobenzene	1.62004	1.70746	1.63647	1.51789	1.49930	1.40782	1.56483	6.981	
13 2-Methylphenol	1.41659	1.56414	1.53359	1.51712	1.49065	1.39465	1.48612	4.516	
14 2,2'-oxybis(1-Chloropropane)	2.07425	2.28693	2.19772	2.09668	2.05528	1.91192	2.10380	6.104	
15 4-Methylphenol	1.34246	1.60267	1.57058	1.57804	1.56380	1.41851	1.51268	7.007	
16 N-Nitroso-di-n-propylamine	1.44229	1.45259	1.41456	1.36823	1.32744	1.23302	1.37302	6.055	
17 Hexachloroethane	0.70545	0.83036	0.78585	0.77276	0.75930	0.69815	0.75865	6.610	
19 Nitrobenzene	0.63392	0.65176	0.61597	0.54825	0.54486	0.51280	0.58459	9.671	
20 Isophorone	0.92829	1.00326	0.96845	0.88244	0.90363	0.84799	0.92234	6.167	
21 2-Nitrophenol	+++++	0.23639	0.22676	0.21115	0.22055	0.20925	0.22082	5.089	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 01-OCT-2007 10:31
End Cal Date : 01-OCT-2007 13:20
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20071001.b/SW846.m
Cal Date : 02-Oct-2007 10:17 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	
22	2,4-Dimethylphenol	0.45169	0.50811	0.49430	0.45217	0.47203	0.42657	0.46748	6.451	
23	Bis(2-Chloroethoxy)methane	0.58101	0.60745	0.58334	0.52506	0.53399	0.49049	0.55356	7.964	
24	Benzoic acid	+++++	0.25442	0.32247	0.35304	0.38202	0.37218	0.33683	15.248	PP
25	2,4-Dichlorophenol	+++++	0.33056	0.32025	0.30736	0.31688	0.30254	0.31552	3.492	
26	1,2,4-Trichlorobenzene	0.37460	0.41819	0.39374	0.35848	0.35964	0.33322	0.37298	7.995	
28	Naphthalene	1.31756	1.33520	1.26924	1.19972	1.16181	1.08358	1.22785	7.917	
29	4-Chloroaniline	+++++	0.53215	0.55044	0.52777	0.49992	0.47591	0.51724	5.672	
30	Hexachlorobutadiene	0.21038	0.23938	0.22805	0.21943	0.20825	0.19013	0.21594	7.926	
31	4-Chloro-3-methylphenol	+++++	0.36322	0.40126	0.41557	0.40368	0.36438	0.38962	6.209	
32	2-Methylnaphthalene	0.62136	0.67429	0.65719	0.64148	0.60169	0.55688	0.62548	6.758	
33	Hexachlorocyclopentadiene	+++++	0.31945	0.33942	0.36786	0.38388	0.40134	0.36239	9.131	
34	2,4,6-Trichlorophenol	+++++	0.40005	0.40669	0.40783	0.39581	0.39357	0.40079	1.587	
35	2,4,5-Trichlorophenol	+++++	0.44995	0.40939	0.43430	0.42438	0.42715	0.42903	3.450	
37	2-Chloronaphthalene	1.33954	1.41214	1.35786	1.27442	1.23484	1.22292	1.30695	5.730	
38	2-Nitroaniline	+++++	0.55501	0.59814	0.57613	0.55808	0.55512	0.56850	3.298	
39	Dimethylphthalate	1.41159	1.51148	1.50168	1.43200	1.36630	1.31187	1.42249	5.427	
40	Acenaphthylene	1.92174	2.08566	2.04735	1.95709	1.89706	1.82704	1.95599	4.927	
41	2,6-Dinitrotoluene	+++++	0.32829	0.33349	0.32952	0.31466	0.31973	0.32514	2.373	
43	3-Nitroaniline	+++++	0.35534	0.39290	0.39945	0.38585	0.37801	0.38231	4.462	
44	Acenaphthene	1.35529	1.37775	1.34255	1.26224	1.23611	1.21677	1.29845	5.261	
45	2,4-Dinitrophenol	+++++	0.08645	0.14791	0.19852	0.22173	0.25067	0.18106	35.853	PP
46	Dibenzofuran	1.73924	1.81999	1.76646	1.64805	1.59009	1.58293	1.69113	5.816	
47	4-Nitrophenol	+++++	0.22576	0.28187	0.30155	0.28972	0.25149	0.27008	11.448	
48	2,4-Dinitrotoluene	+++++	0.42406	0.44960	0.43429	0.41676	0.42437	0.42982	2.954	
49	Fluorene	1.40649	1.54245	1.54932	1.44033	1.37773	1.34201	1.44306	5.961	
50	Diethylphthalate	1.38167	1.47214	1.50136	1.41899	1.35009	1.24935	1.39560	6.508	
51	4-Chlorophenyl-phenylether	0.71298	0.77053	0.74994	0.70317	0.66542	0.64450	0.70776	6.794	
52	4-Nitroaniline	+++++	0.34911	0.39844	0.39773	0.38678	0.37681	0.38177	5.318	
53	4,6-Dinitro-2-methylphenol	+++++	0.11772	0.15461	0.17192	0.18074	0.18811	0.16262	17.242	PP

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 01-OCT-2007 10:31
End Cal Date : 01-OCT-2007 13:20
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20071001.b/SW846.m
Cal Date : 02-Oct-2007 10:17 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	
54 N-Nitrosodiphenylamine	0.43869	0.54060	0.51653	0.48814	0.47643	0.48863	0.49150	7.091	
56 4-Bromophenyl-phenylether	0.24748	0.26655	0.26345	0.24416	0.23772	0.23040	0.24829	5.733	
57 Hexachlorobenzene	0.25831	0.27433	0.27655	0.26071	0.24367	0.23521	0.25813	6.350	
58 Pentachlorophenol	+++++	0.12165	0.13701	0.16739	0.15959	0.16853	0.15083	13.695	
60 Phenanthrene	1.46289	1.47209	1.44279	1.36048	1.28397	1.27121	1.38224	6.527	
61 Anthracene	1.44806	1.48070	1.45730	1.37998	1.31517	1.30510	1.39772	5.418	
62 Carbazole	1.18552	1.19853	1.27848	1.22843	1.15404	1.13048	1.19591	4.429	
63 Di-n-butylphthalate	1.29017	1.46678	1.57041	1.53047	1.41535	1.35201	1.43753	7.406	
64 Fluoranthene	1.45710	1.50506	1.61106	1.56089	1.42964	1.41522	1.49650	5.174	
65 Pyrene	1.64727	1.77213	1.70617	1.51425	1.59152	1.38562	1.60282	8.666	
67 Butylbenzylphthalate	0.56318	0.68680	0.73958	0.70374	0.70601	0.63256	0.67198	9.493	
68 Benzo(a)anthracene	1.44057	1.56004	1.58022	1.48467	1.47160	1.38148	1.48643	4.994	
70 3,3'-Dichlorobenzidine	+++++	0.54662	0.55779	0.52207	0.50851	0.50411	0.52782	4.462	
71 Chrysene	1.57539	1.57721	1.48817	1.39174	1.38561	1.35474	1.46214	6.777	
72 bis(2-Ethylhexyl)phthalate	0.51743	0.66113	0.68101	0.66755	0.66073	0.59299	0.63014	10.029	
73 Di-n-octylphthalate	1.22391	1.24453	1.19093	1.12667	1.09021	1.03614	1.15207	7.066	
74 Benzo(b)fluoranthene	1.42991	1.30098	1.33903	1.45015	1.28728	1.36286	1.36170	4.895	
75 Benzo(k)fluoranthene	1.46512	1.60496	1.60640	1.35208	1.41922	1.18310	1.43848	11.195	
76 Benzo(a)pyrene	1.13167	1.28299	1.29143	1.22762	1.21001	1.13243	1.21269	5.758	
78 Indeno(1,2,3-cd)pyrene	1.11185	1.48399	1.41727	1.30956	1.36044	1.31452	1.33294	9.516	
79 Dibenzo(a,h)anthracene	0.86914	1.22054	1.15894	1.09344	1.13742	1.08902	1.09475	11.014	
80 Benzo(g,h,i)perylene	1.11779	1.35646	1.19922	1.14975	1.21596	1.16458	1.20063	6.996	
90 N-Nitrosodimethylamine	+++++	1.42745	1.27070	1.22412	1.18672	1.03677	1.22915	11.497	
91 Aniline	+++++	2.89748	2.89712	2.70422	2.62278	2.29366	2.68305	9.271	
92 1,2-Diphenylhydrazine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
93 Benzidine	+++++	0.73442	0.74205	0.64667	0.64438	0.57259	0.66802	10.588	
96 p-Cymene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
97 Caffeine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
98 Retene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 01-OCT-2007 10:31
End Cal Date : 01-OCT-2007 13:20
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Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20071001.b/SW846.m
Cal Date : 02-Oct-2007 10:17 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	
	99 Perylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	100 3-beta-Coprostanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	101 Cholesterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	102 beta-Sitosterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	103 Pyridine	+++++	2.14119	2.04223	2.01152	1.93240	1.73297	1.97206	7.766	
$	1 2-Fluorophenol	+++++	1.88302	1.69149	1.74238	1.67812	1.46665	1.69233	8.864	
$	137 d8-1,4-Dioxane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$	2 Phenol-d5	+++++	2.06120	1.99557	1.92864	1.87295	1.61275	1.89422	9.106	
$	5 2-Chlorophenol-d4	+++++	1.52867	1.46411	1.40120	1.37721	1.25426	1.40509	7.318	
$	10 1,2-Dichlorobenzene-d4	+++++	1.00474	0.92855	0.89193	0.87365	0.82159	0.90409	7.544	
$	18 Nitrobenzene-d5	+++++	0.59304	0.55085	0.49975	0.50472	0.48950	0.52757	8.248	
$	36 2-Fluorobiphenyl	+++++	1.54406	1.39457	1.33322	1.31819	1.31483	1.38098	7.000	
$	55 2,4,6-Tribromophenol	+++++	0.15770	0.17763	0.17844	0.17750	0.16957	0.17217	5.143	
$	66 Terphenyl-d14	+++++	1.03577	0.94504	0.89021	0.93935	0.81612	0.92530	8.703	
$	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/nt4.i/20071001.b/0011001.d
Lab Smp Id: ABN 1 Client Smp ID: ABN 1
Inj Date : 01-OCT-2007 11:38
Operator : VTS Inst ID: nt4.i
Smp Info : ABN 1
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071001.b/SW846.m
Meth Date : 02-Oct-2007 10:17 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 11:38 Cal File: 0011001.d
Als bottle: 3 Calibration Sample, Level: 1
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)	ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.133	6.144	(0.757)	10368	1.00000	0.9662
$	2 Phenol-d5	99	7.656	7.687	(0.945)	12308	1.00000	1.025
	3 Phenol	94	7.677	7.709	(0.948)	14183	1.00000	0.9943
$	5 2-Chlorophenol-d4	132	7.795	7.810	(0.962)	8562	1.00000	0.9610
	4 Bis(2-Chloroethyl)ether	93	7.768	7.784	(0.959)	11596	1.00000	1.055
	6 2-Chlorophenol	128	7.821	7.837	(0.966)	10711	1.00000	1.043
	7 1,3-Dichlorobenzene	146	8.035	8.051	(0.992)	11166	1.00000	1.062
*	8 1,4-Dichlorobenzene-d4	152	8.099	8.110	(1.000)	126812	20.0000	
	9 1,4-Dichlorobenzene	146	8.121	8.136	(1.003)	10669	1.00000	1.007
$	10 1,2-Dichlorobenzene-d4	152	8.398	8.409	(1.037)	5783	1.00000	1.009 (M)
	12 1,2-Dichlorobenzene	146	8.420	8.430	(1.040)	10272	1.00000	1.035
	11 Benzyl alcohol	108	8.372	8.398	(1.034)	5269	1.00000	0.8095
	14 2,2'-oxybis(1-Chloropropane)	45	8.639	8.654	(1.067)	13152	1.00000	0.9860
	13 2-Methylphenol	108	8.607	8.633	(1.063)	8982	1.00000	0.9532 (H)
	17 Hexachloroethane	117	8.906	8.916	(1.100)	4473	1.00000	0.9299
	16 N-Nitroso-di-n-propylamine	70	8.847	8.884	(1.092)	9145	1.00000	1.050
	15 4-Methylphenol	108	8.842	8.863	(1.092)	8512	1.00000	0.8875
$	18 Nitrobenzene-d5	82	9.018	9.044	(0.889)	12171	1.00000	1.054
	19 Nitrobenzene	77	9.050	9.071	(0.893)	13873	1.00000	1.084
	20 Isophorone	82	9.429	9.461	(0.930)	20315	1.00000	1.006
	21 2-Nitrophenol	139	9.568	9.584	(0.944)	4204	1.00000	0.8699
	22 2,4-Dimethylphenol	107	9.675	9.696	(0.954)	9885	1.00000	0.9662
	23 Bis(2-Chloroethoxy)methane	93	9.825	9.846	(0.969)	12715	1.00000	1.050
	24 Benzoic acid	105	9.771	10.043	(0.964)	3911	5.00000	0.5306
	25 2,4-Dichlorophenol	162	9.948	9.969	(0.981)	5658	1.00000	0.8194
	26 1,2,4-Trichlorobenzene	180	10.081	10.091	(0.994)	8198	1.00000	1.004
*	27 Naphthalene-d8	136	10.140	10.150	(1.000)	437688	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	28 Naphthalene	128	10.172	10.182	(1.003)	28834	1.00000	1.073
	29 4-Chloroaniline	127	10.311	10.326	(1.017)	10251	1.00000	0.9056
	30 Hexachlorobutadiene	225	10.492	10.497	(1.035)	4604	1.00000	0.9743
	31 4-Chloro-3-methylphenol	107	11.117	11.133	(1.096)	5174	1.00000	0.6068
	32 2-Methylnaphthalene	141	11.288	11.299	(1.113)	13598	1.00000	0.9934
	33 Hexachlorocyclopentadiene	237	11.673	11.678	(0.898)	1988	1.00000	0.4745
	34 2,4,6-Trichlorophenol	196	11.807	11.817	(0.908)	3630	1.00000	0.7834
	35 2,4,5-Trichlorophenol	196	11.860	11.870	(0.912)	3668	1.00000	0.7395
$	36 2-Fluorobiphenyl	172	11.929	11.945	(0.918)	16436	1.00000	1.029
	37 2-Chloronaphthalene	162	12.068	12.079	(0.928)	15487	1.00000	1.025
	38 2-Nitroaniline	65	12.298	12.314	(0.946)	4228	1.00000	0.6433
	39 Dimethylphthalate	163	12.667	12.693	(0.975)	16320	1.00000	0.9923
	40 Acenaphthylene	152	12.741	12.757	(0.980)	22218	1.00000	0.9825
	41 2,6-Dinitrotoluene	165	12.763	12.784	(0.982)	2756	1.00000	0.7332
*	42 Acenaphthene-d10	164	12.998	13.008	(1.000)	231228	20.0000	
	43 3-Nitroaniline	138	12.966	12.998	(0.998)	2897	1.00000	0.6554 (M)
	44 Acenaphthene	153	13.046	13.062	(1.004)	15669	1.00000	1.044
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	13.308	13.329	(1.024)	20108	1.00000	1.028
	47 4-Nitrophenol	109	13.276	13.297	(1.021)	1270	1.00000	0.4067
	48 2,4-Dinitrotoluene	165	13.388	13.409	(1.030)	3368	1.00000	0.6778
	50 Diethylphthalate	149	13.821	13.852	(1.063)	15974	1.00000	0.9900
	49 Fluorene	166	13.863	13.879	(1.067)	16261	1.00000	0.9747
	51 4-Chlorophenyl-phenylether	204	13.890	13.900	(1.069)	8243	1.00000	1.007
	52 4-Nitroaniline	138	13.959	14.007	(1.074)	3190	1.00000	0.7227
	53 4,6-Dinitro-2-methylphenol	198	14.040	14.077	(0.913)	1055	5.00000	0.3759
	54 N-Nitrosodiphenylamine	169	14.093	14.114	(0.917)	7571	1.00000	0.8925
$	55 2,4,6-Tribromophenol	330	14.285	14.301	(1.099)	864	1.00000	0.4341
	56 4-Bromophenyl-phenylether	248	14.675	14.686	(0.955)	4271	1.00000	0.9967
	57 Hexachlorobenzene	284	14.889	14.905	(0.969)	4458	1.00000	1.001
	58 Pentachlorophenol	266	15.188	15.204	(0.988)	509	1.00000	0.1955
*	59 Phenanthrene-d10	188	15.370	15.380	(1.000)	345165	20.0000	
	60 Phenanthrene	178	15.407	15.423	(1.002)	25247	1.00000	1.058
	61 Anthracene	178	15.477	15.492	(1.007)	24991	1.00000	1.036
	62 Carbazole	167	15.760	15.775	(1.025)	20460	1.00000	0.9913
	63 Di-n-butylphthalate	149	16.481	16.491	(1.072)	22266	1.00000	0.8975
	64 Fluoranthene	202	17.341	17.357	(1.128)	25147	1.00000	0.9737
	65 Pyrene	202	17.694	17.715	(0.899)	27822	1.00000	1.028
$	66 Terphenyl-d14	244	18.014	18.025	(0.915)	15577	1.00000	0.9967
	67 Butylbenzylphthalate	149	18.901	18.911	(0.960)	9512	1.00000	0.8381
	68 Benzo(a)anthracene	228	19.654	19.675	(0.999)	24331	1.00000	0.9691
*	69 Chrysene-d12	240	19.681	19.702	(1.000)	337796	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.660	19.686	(0.999)	8074	1.00000	0.9057
	71 Chrysene	228	19.718	19.750	(1.002)	26608	1.00000	1.077
	72 bis(2-Ethylhexyl)phthalate	149	19.895	19.905	(0.955)	12215	1.00000	0.8211
*	134 Di-n-octylphthalate-d4	153	20.829	20.840	(1.000)	472142	20.0000	
	73 Di-n-octylphthalate	149	20.840	20.851	(1.000)	28893	1.00000	1.062

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	21.310	21.347	(0.976)	25545	1.00000	1.050
75	Benzo(k)fluoranthene	252	21.342	21.379	(0.977)	26174	1.00000	1.019
76	Benzo(a)pyrene	252	21.754	21.791	(0.996)	20217	1.00000	0.9332
* 77	Perylene-d12	264	21.839	21.849	(1.000)	357295	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	23.351	23.393	(1.069)	19863	1.00000	0.8341(M)
79	Dibenzo(a,h)anthracene	278	23.367	23.425	(1.070)	15527	1.00000	0.7939(M)
80	Benzo(g,h,i)perylene	276	23.757	23.826	(1.088)	19969	1.00000	0.9310
90	N-Nitrosodimethylamine	74	3.457	3.483	(0.427)	8457	1.00000	1.085
103	Pyridine	79	3.468	3.430	(0.428)	10139	1.00000	0.8109
91	Aniline	93	7.650	7.666	(0.945)	17526	1.00000	1.030
105	1-methylnaphthalene	141	11.459	11.470	(1.130)	14332	1.00000	1.034
93	Benzidine	184	17.592	17.602	(0.894)	11164	1.00000	0.9895
111	Azobenzene (1,2-DP-Hydrazine)	77	14.141	14.157	(1.088)	22310	1.00000	0.9968
144	alpha-Terpineol	59	10.193	10.214	(1.005)	7368	1.00000	0.9468
143	1,4-Dioxane	88	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
133	Butylatedhydroxytoluene	205	13.180	13.185	(1.014)	13725	1.00000	1.053
115	Tributyl Phosphate	99	14.189	14.221	(0.923)	19780	1.00000	0.9237
116	Dibutyl Phenyl Phosphate	175	15.920	15.930	(1.036)	9785	1.00000	0.8350
117	Butyl Diphenyl Phosphate	94	17.613	17.619	(0.895)	4422	1.00000	0.8356
118	Triphenyl Phosphate	326	19.211	19.226	(0.976)	3208	1.00000	0.8623
123	Acetophenone	105	8.788	8.809	(1.085)	13895	1.00000	1.015
170	Pentachlorobenzene	250	13.356	13.366	(1.028)	5841	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: nt4.i
Lab File ID: 0011001.d
Lab Smp Id: ABN 1
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071001.b/SW846.m
Misc Info:

Calibration Date: 01-OCT-2007
Calibration Time: 10:31
Client Smp ID: ABN 1
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	110324	55162	220648	126812	14.95
27 Naphthalene-d8	430280	215140	860560	437688	1.72
42 Acenaphthene-d10	242988	121494	485976	231228	-4.84
59 Phenanthrene-d10	380514	190257	761028	345165	-9.29
69 Chrysene-d12	406554	203277	813108	337796	-16.91
134 Di-n-octylphthala	598971	299486	1197942	472142	-21.17
77 Perylene-d12	429313	214656	858626	357295	-16.78

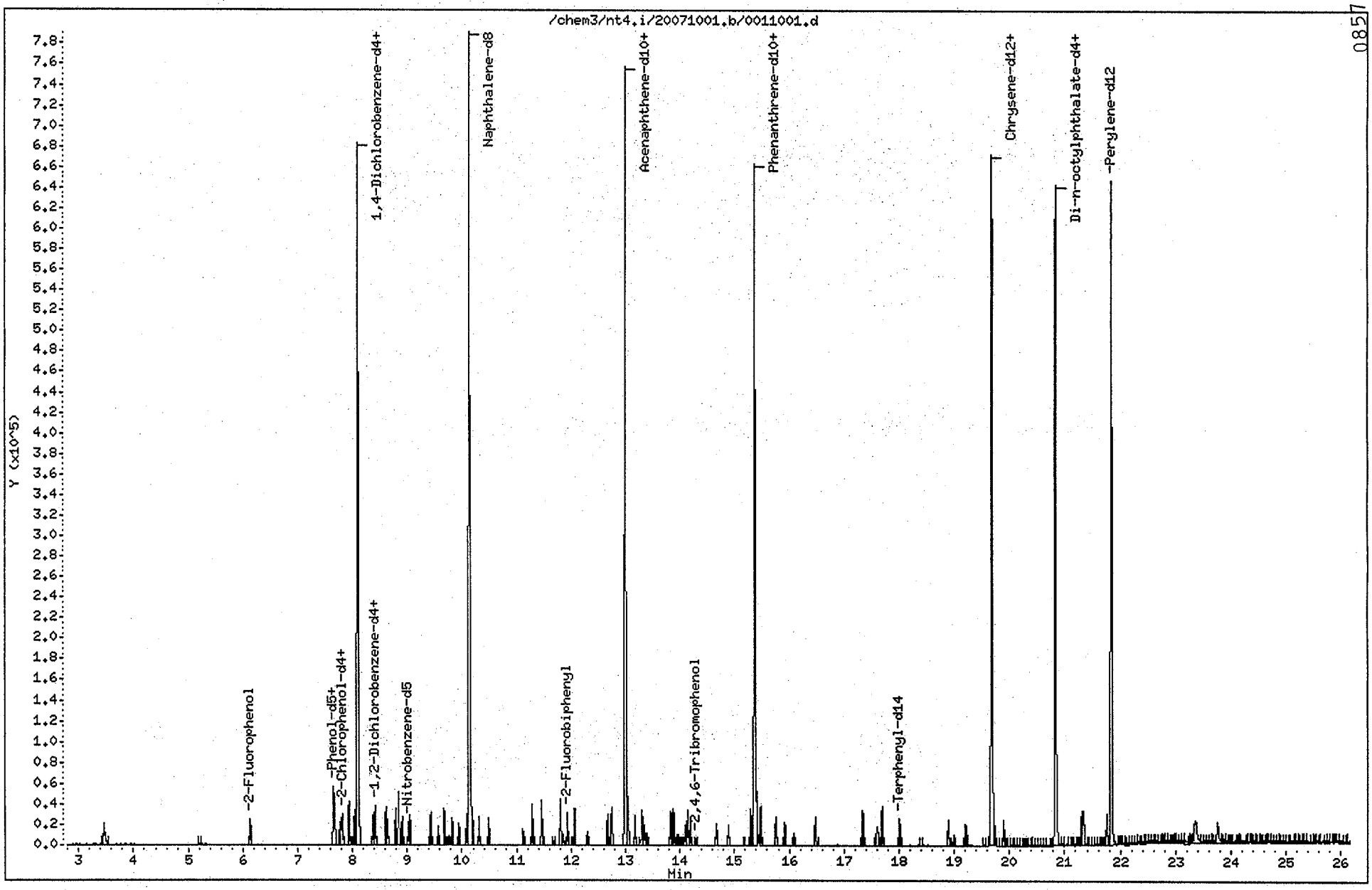
		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.10	7.60	8.60	8.10	-0.05
27 Naphthalene-d8	10.14	9.64	10.64	10.14	-0.04
42 Acenaphthene-d10	13.00	12.50	13.50	13.00	-0.03
59 Phenanthrene-d10	15.37	14.87	15.87	15.37	-0.03
69 Chrysene-d12	19.69	19.19	20.19	19.68	-0.05
134 Di-n-octylphthala	20.83	20.33	21.33	20.83	-0.02
77 Perylene-d12	21.84	21.34	22.34	21.84	-0.02

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/nt4.i/20071001.b/0011001.d
Date : 01-OCT-2007 11:38
Client ID: ABN 1
Sample Info: ABN 1

Instrument: nt4.i
Operator: VTS
Column diameter: 0.32

Column phase: ZB-5



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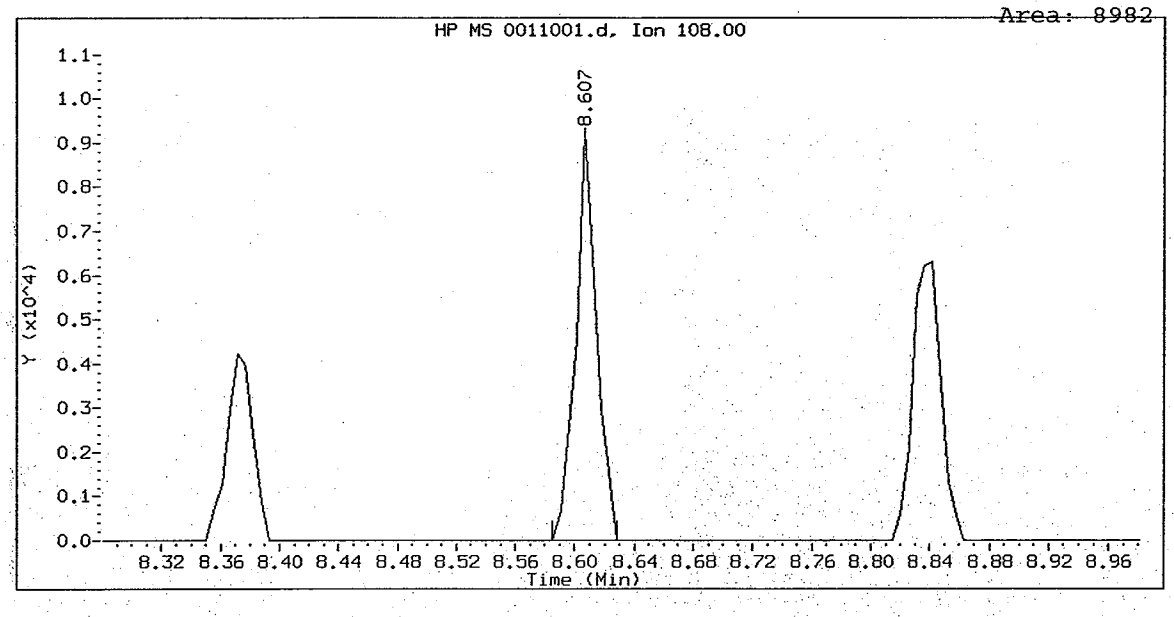
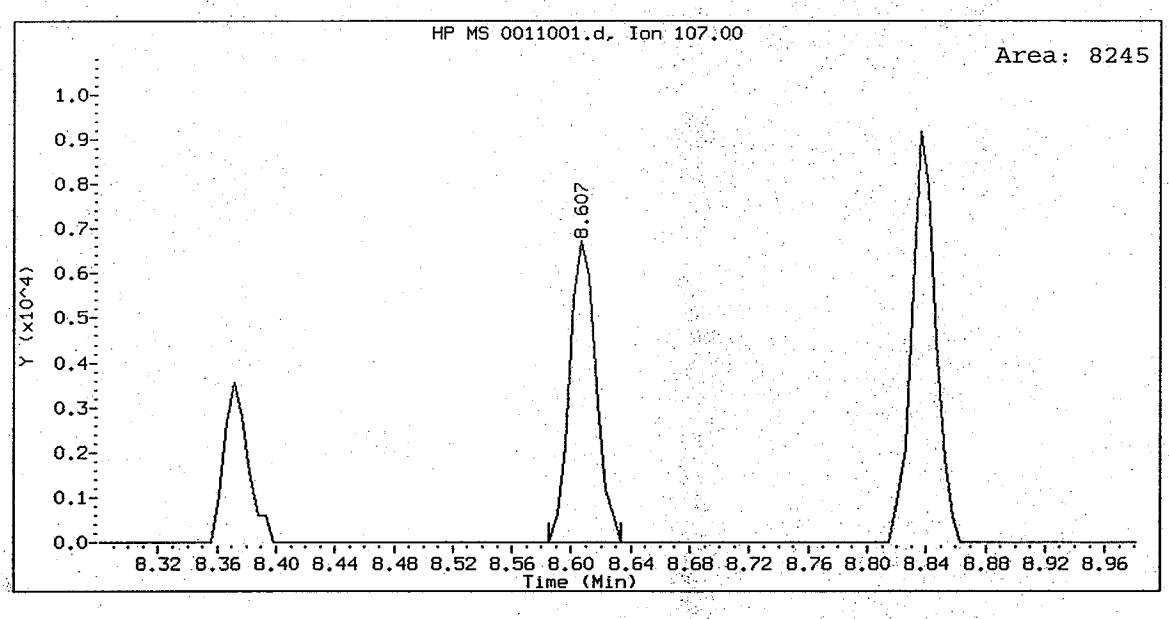
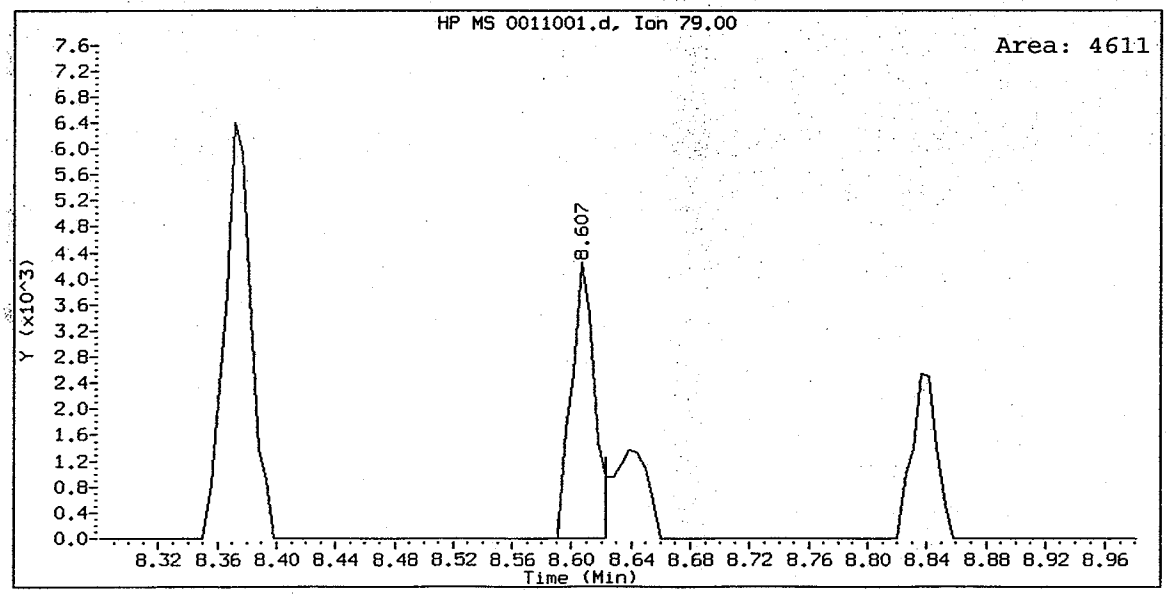
2-Methylphenol Amount: 0.95







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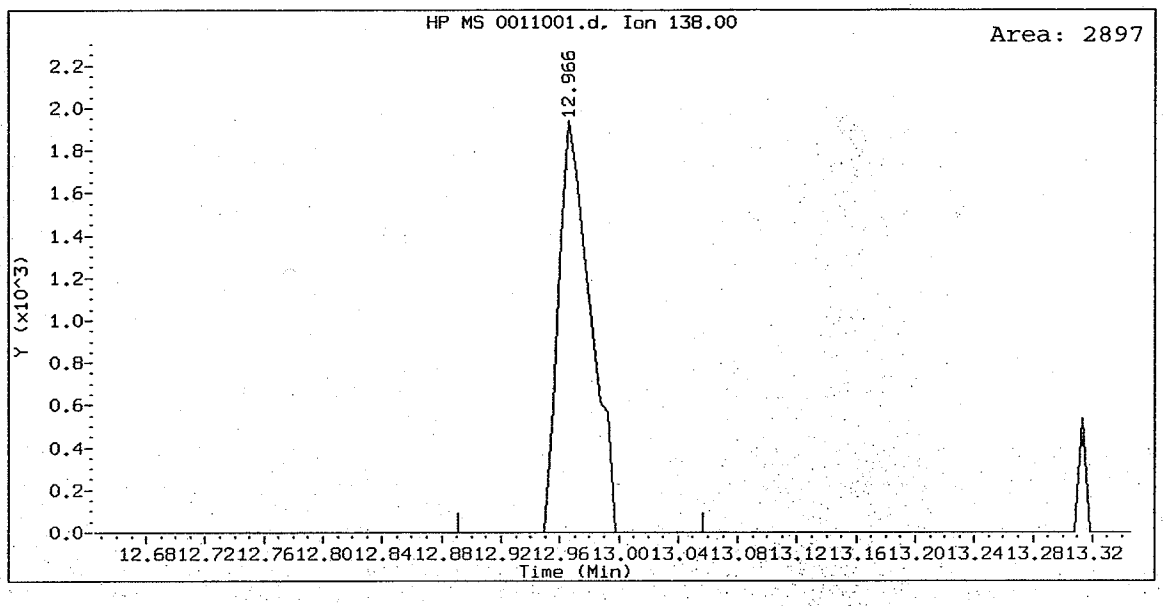
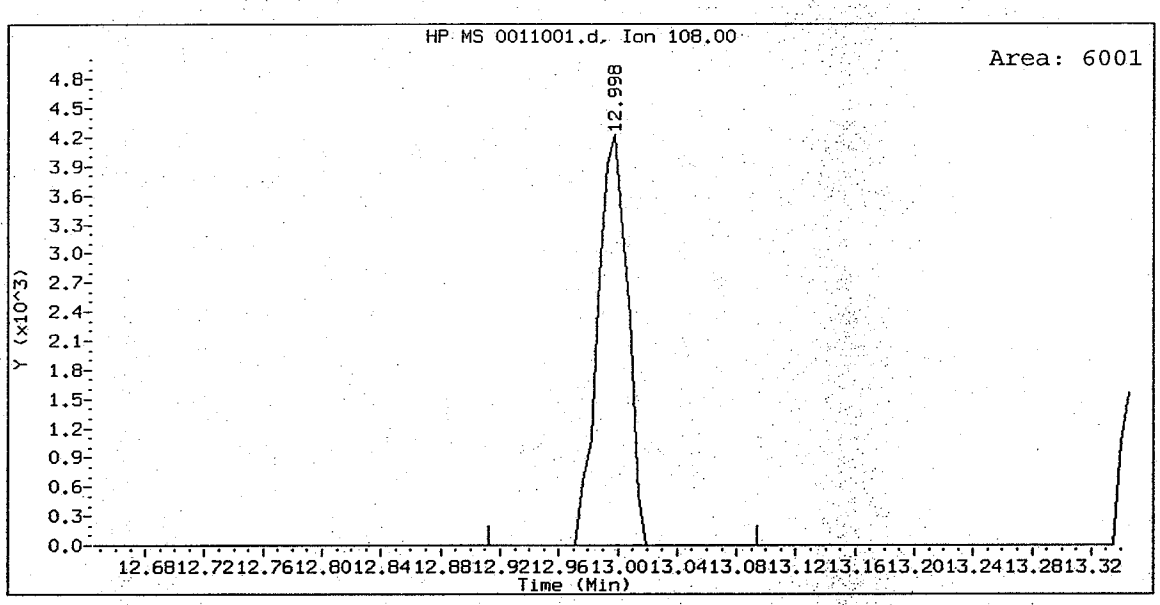
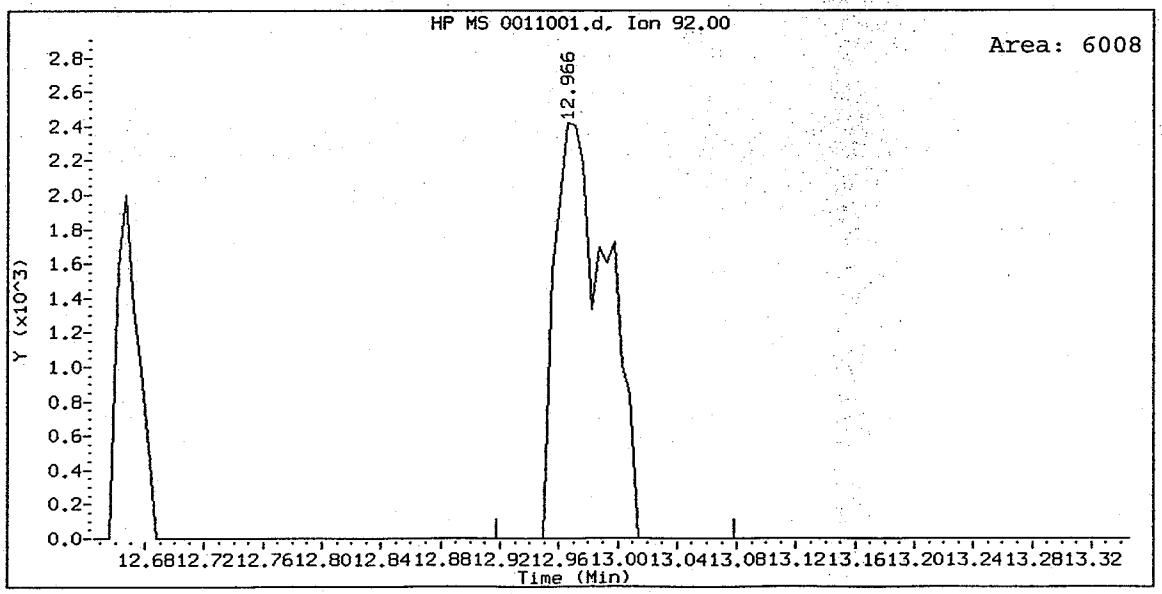
3-Nitroaniline Amount: 0.66







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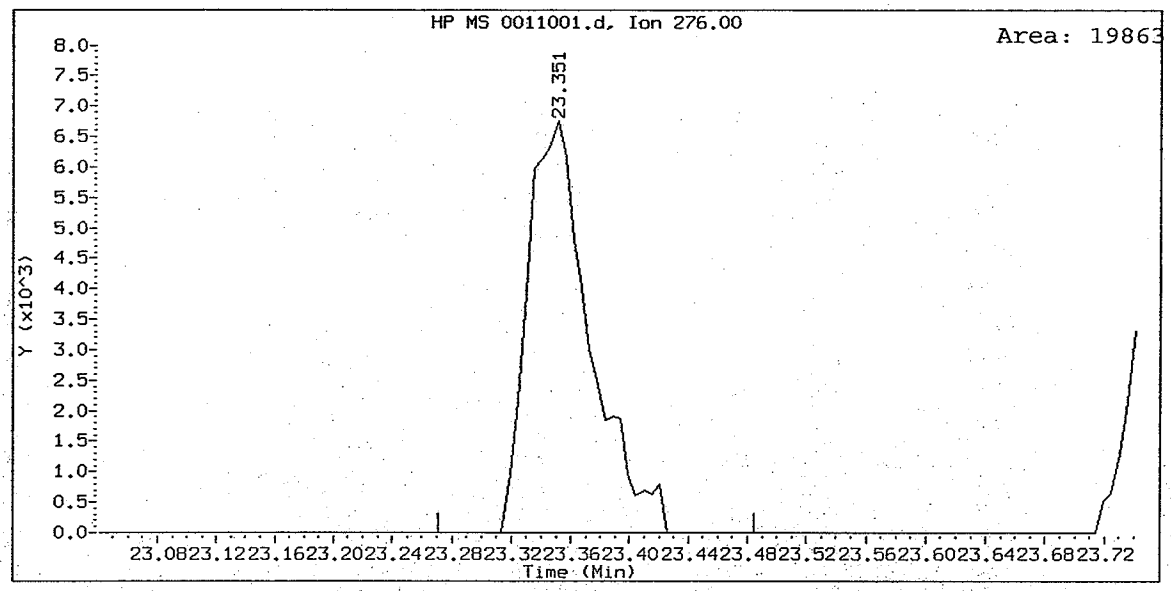
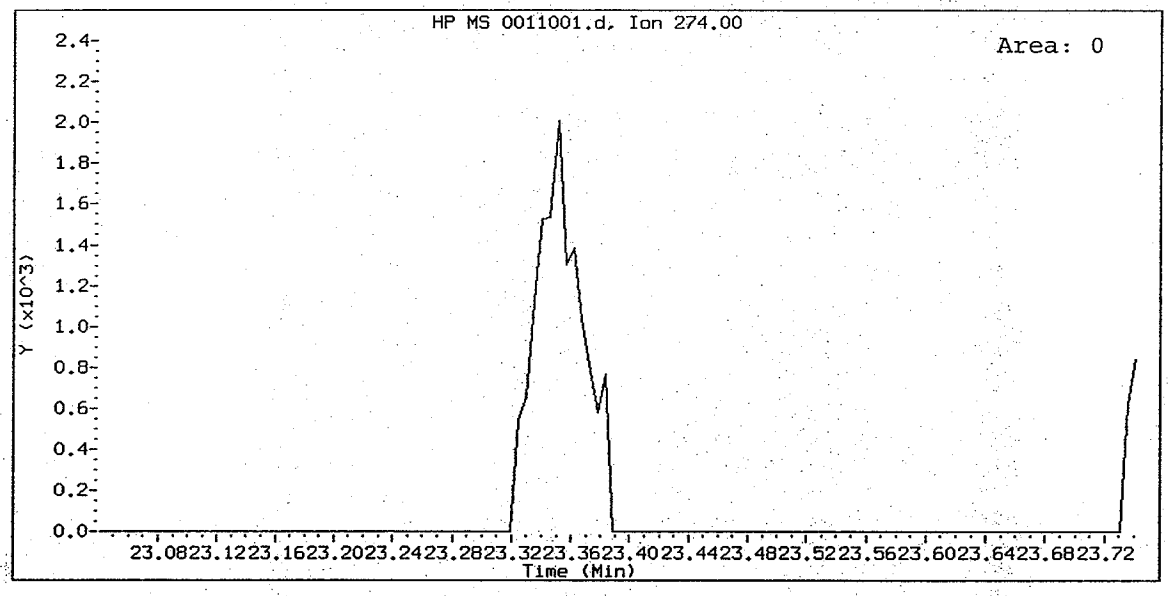
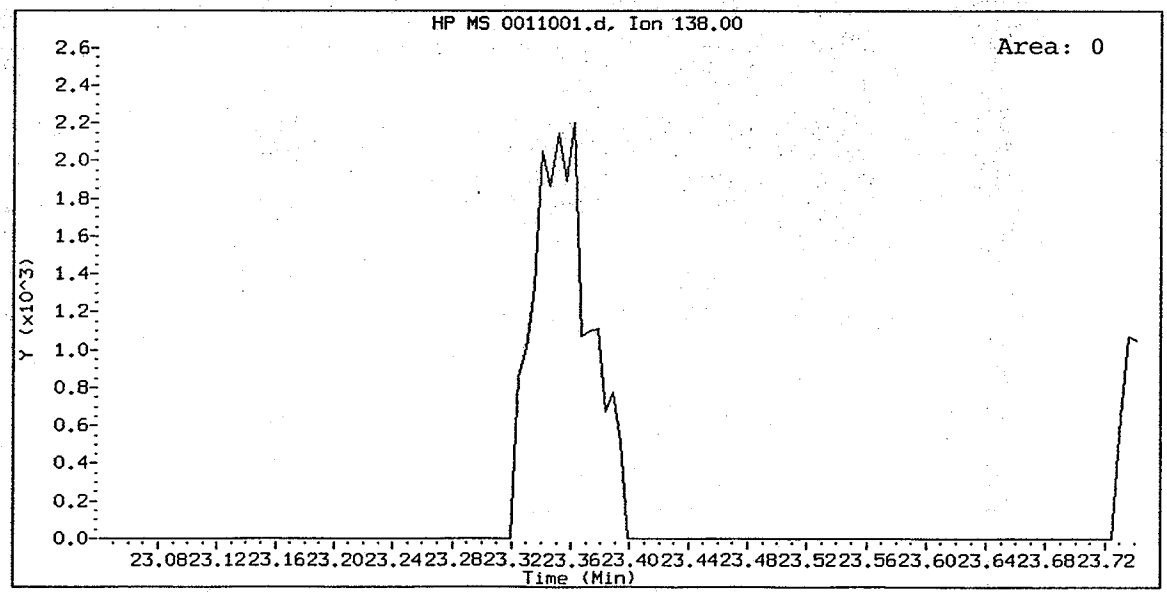
Indeno(1,2,3-cd)pyrene Amount: 0.83







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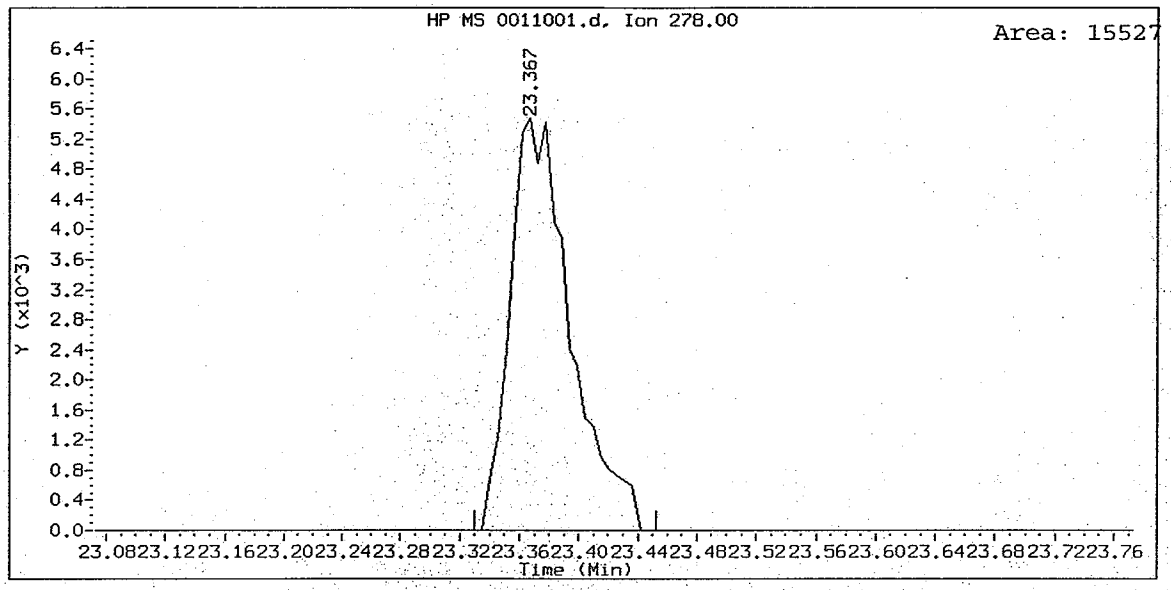
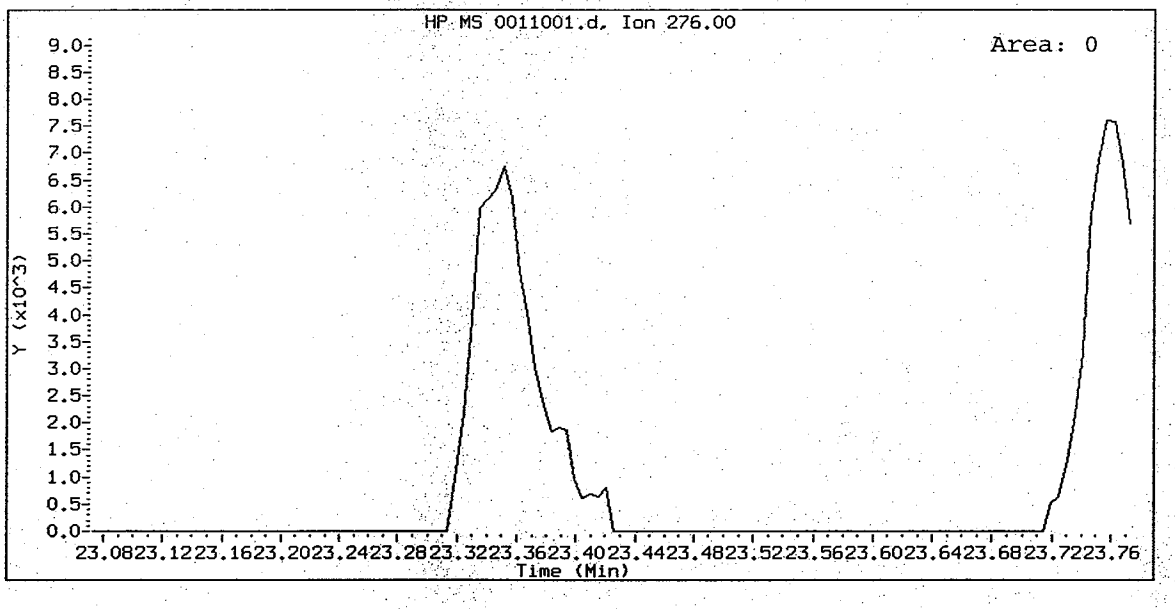
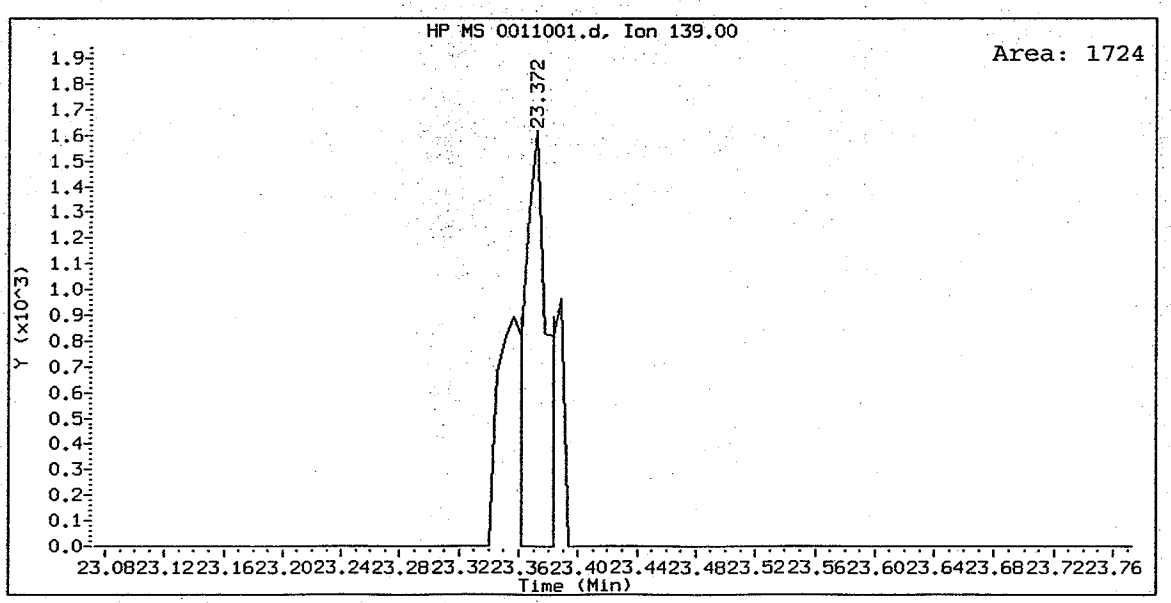
Dibenzo(a,h)anthracene Amount: 0.79







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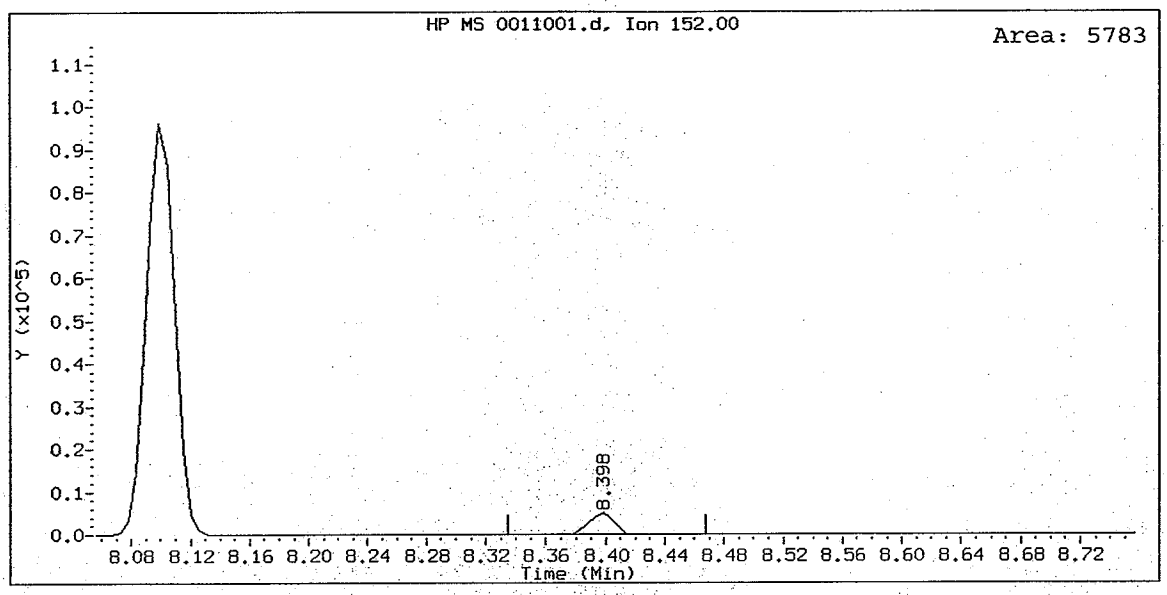
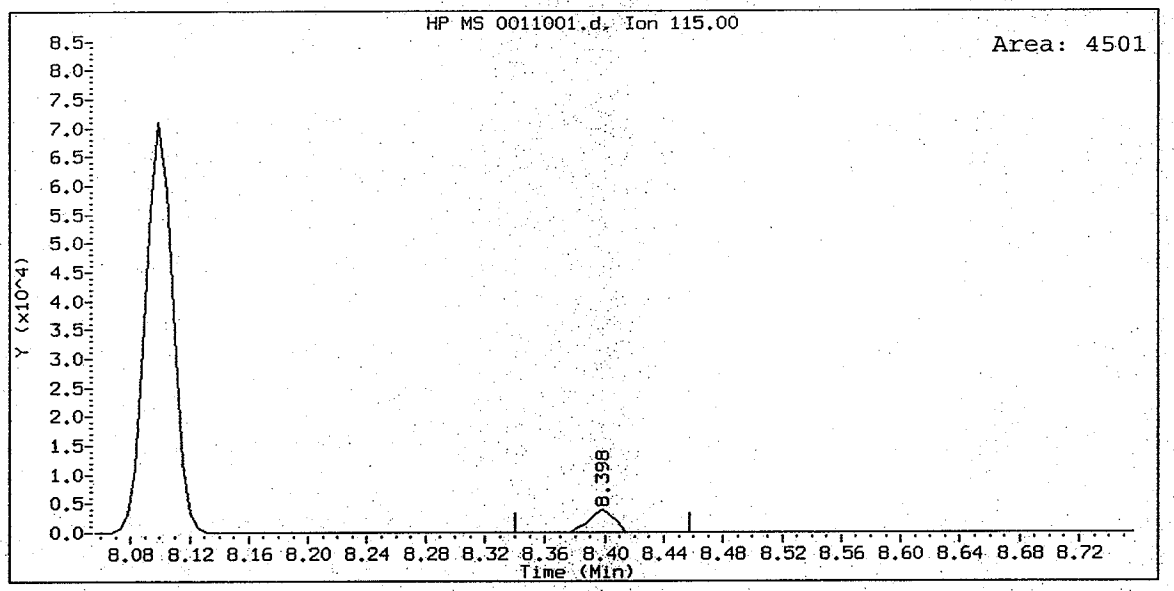
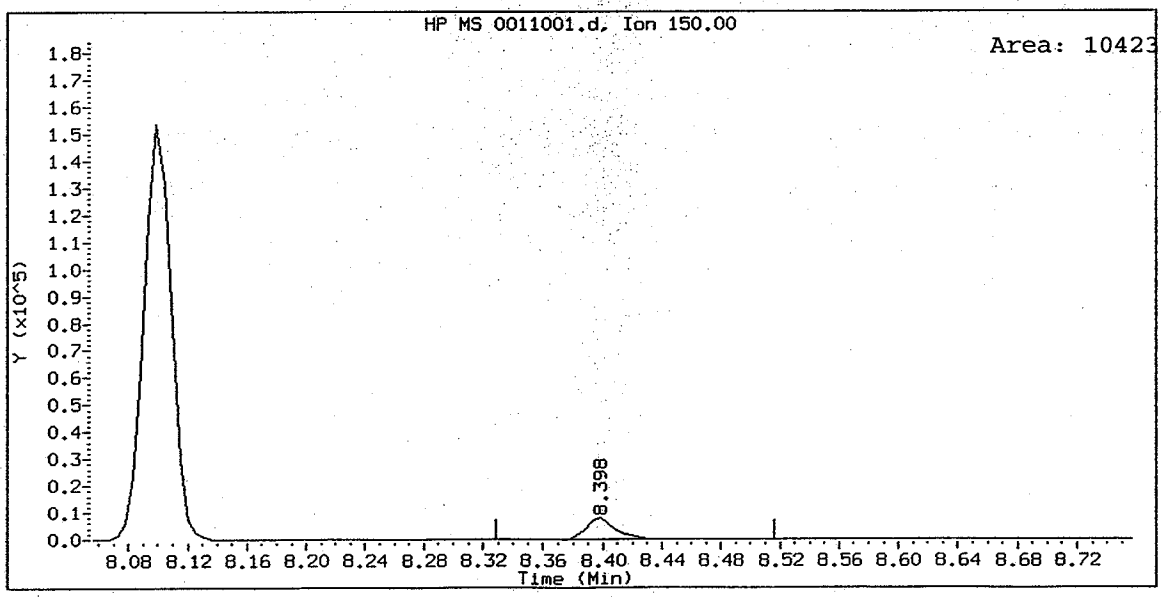
1,2-Dichlorobenzene-d4 Amount: 1.01







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071001.b/0051001.d
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Inj Date : 01-OCT-2007 12:46
Operator : VTS Inst ID: nt4.i
Smp Info : ABN 5
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071001.b/SW846.m
Meth Date : 02-Oct-2007 10:17 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 12:46 Cal File: 0051001.d
Als bottle: 5 Calibration Sample, Level: 2
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	6.133	6.144	(0.757)	55366	5.00000	5.563
$	2 Phenol-d5	99	7.656	7.687	(0.945)	60605	5.00000	5.441
	3 Phenol	94	7.677	7.709	(0.948)	72918	5.00000	5.512
$	5 2-Chlorophenol-d4	132	7.795	7.810	(0.962)	44947	5.00000	5.440
	4 Bis(2-Chloroethyl)ether	93	7.763	7.784	(0.958)	56050	5.00000	5.498
	6 2-Chlorophenol	128	7.821	7.837	(0.966)	52450	5.00000	5.507
	7 1,3-Dichlorobenzene	146	8.040	8.051	(0.993)	52691	5.00000	5.405
*	8 1,4-Dichlorobenzene-d4	152	8.099	8.110	(1.000)	117611	20.0000	
	9 1,4-Dichlorobenzene	146	8.126	8.136	(1.003)	53872	5.00000	5.483
$	10 1,2-Dichlorobenzene-d4	152	8.398	8.409	(1.037)	29542	5.00000	5.557
	12 1,2-Dichlorobenzene	146	8.420	8.430	(1.040)	50204	5.00000	5.456
	11 Benzyl alcohol	108	8.372	8.398	(1.034)	31857	5.00000	5.277
	14 2,2'-oxybis(1-Chloropropane)	45	8.644	8.654	(1.067)	67242	5.00000	5.435
	13 2-Methylphenol	108	8.607	8.633	(1.063)	45990	5.00000	5.262 (H)
	17 Hexachloroethane	117	8.911	8.916	(1.100)	24415	5.00000	5.473
	16 N-Nitroso-di-n-propylamine	70	8.847	8.884	(1.092)	42710	5.00000	5.290
	15 4-Methylphenol	108	8.836	8.863	(1.091)	47123	5.00000	5.297
$	18 Nitrobenzene-d5	82	9.023	9.044	(0.890)	60023	5.00000	5.620
	19 Nitrobenzene	77	9.050	9.071	(0.893)	65966	5.00000	5.574
	20 Isophorone	82	9.429	9.461	(0.930)	101543	5.00000	5.439
	21 2-Nitrophenol	139	9.568	9.584	(0.944)	23926	5.00000	5.353
	22 2,4-Dimethylphenol	107	9.675	9.696	(0.954)	51427	5.00000	5.435
	23 Bis(2-Chloroethoxy)methane	93	9.825	9.846	(0.969)	61482	5.00000	5.487
	24 Benzoic acid	105	9.819	10.043	(0.968)	51501	10.0000	7.553 (M)
	25 2,4-Dichlorophenol	162	9.948	9.969	(0.981)	33457	5.00000	5.238
	26 1,2,4-Trichlorobenzene	180	10.087	10.091	(0.995)	42326	5.00000	5.606
*	27 Naphthalene-d8	136	10.140	10.150	(1.000)	404851	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	10.172	10.182	(1.003)	135139	5.00000	5.437
	29 4-Chloroaniline	127	10.306	10.326	(1.016)	53860	5.00000	5.144
	30 Hexachlorobutadiene	225	10.493	10.497	(1.035)	24228	5.00000	5.543
	31 4-Chloro-3-methylphenol	107	11.118	11.133	(1.096)	36762	5.00000	4.661
	32 2-Methylnaphthalene	141	11.289	11.299	(1.113)	68247	5.00000	5.390
	33 Hexachlorocyclopentadiene	237	11.673	11.678	(0.898)	17028	5.00000	4.408
	34 2,4,6-Trichlorophenol	196	11.801	11.817	(0.908)	21324	5.00000	4.991
	35 2,4,5-Trichlorophenol	196	11.855	11.870	(0.912)	23984	5.00000	5.244
$	36 2-Fluorobiphenyl	172	11.935	11.945	(0.918)	82304	5.00000	5.590
	37 2-Chloronaphthalene	162	12.068	12.079	(0.928)	75272	5.00000	5.402
	38 2-Nitroaniline	65	12.293	12.314	(0.946)	29584	5.00000	4.881
	39 Dimethylphthalate	163	12.672	12.693	(0.975)	80567	5.00000	5.313
	40 Acenaphthylene	152	12.742	12.757	(0.980)	111173	5.00000	5.331
	41 2,6-Dinitrotoluene	165	12.758	12.784	(0.982)	17499	5.00000	5.048
*	42 Acenaphthene-d10	164	12.998	13.008	(1.000)	213214	20.0000	
	43 3-Nitroaniline	138	12.966	12.998	(0.998)	18941	5.00000	4.647
	44 Acenaphthene	153	13.046	13.062	(1.004)	73439	5.00000	5.305
	45 2,4-Dinitrophenol	184	13.137	13.169	(1.011)	9216	10.0000	4.775
	46 Dibenzofuran	168	13.308	13.329	(1.024)	97012	5.00000	5.381
	47 4-Nitrophenol	109	13.270	13.297	(1.021)	12034	5.00000	4.180
	48 2,4-Dinitrotoluene	165	13.383	13.409	(1.030)	22604	5.00000	4.933
	50 Diethylphthalate	149	13.821	13.852	(1.063)	78470	5.00000	5.274
	49 Fluorene	166	13.863	13.879	(1.067)	82218	5.00000	5.344
	51 4-Chlorophenyl-phenylether	204	13.890	13.900	(1.069)	41072	5.00000	5.443
	52 4-Nitroaniline	138	13.954	14.007	(1.074)	18609	5.00000	4.572
	53 4,6-Dinitro-2-methylphenol	198	14.040	14.077	(0.913)	18416	10.0000	7.239
	54 N-Nitrosodiphenylamine	169	14.093	14.114	(0.917)	42285	5.00000	5.499
$	55 2,4,6-Tribromophenol	330	14.285	14.301	(1.099)	8406	5.00000	4.580
	56 4-Bromophenyl-phenylether	248	14.675	14.686	(0.955)	20849	5.00000	5.368
	57 Hexachlorobenzene	284	14.894	14.905	(0.969)	21458	5.00000	5.314
	58 Pentachlorophenol	266	15.188	15.204	(0.988)	9515	5.00000	4.033
*	59 Phenanthrene-d10	188	15.370	15.380	(1.000)	312873	20.0000	
	60 Phenanthrene	178	15.402	15.423	(1.002)	115144	5.00000	5.325
	61 Anthracene	178	15.477	15.492	(1.007)	115818	5.00000	5.297
	62 Carbazole	167	15.760	15.775	(1.025)	93747	5.00000	5.011
	63 Di-n-butylphthalate	149	16.481	16.491	(1.072)	114729	5.00000	5.102
	64 Fluoranthene	202	17.341	17.357	(1.128)	117723	5.00000	5.029
	65 Pyrene	202	17.694	17.715	(0.899)	121182	5.00000	5.528
$	66 Terphenyl-d14	244	18.014	18.025	(0.915)	70828	5.00000	5.597
	67 Butylbenzylphthalate	149	18.896	18.911	(0.960)	46965	5.00000	5.110
	68 Benzo(a)anthracene	228	19.654	19.675	(0.999)	106679	5.00000	5.248
*	69 Chrysene-d12	240	19.681	19.702	(1.000)	273529	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.660	19.686	(0.999)	37379	5.00000	5.178
	71 Chrysene	228	19.718	19.750	(1.002)	107853	5.00000	5.393
	72 bis(2-Ethylhexyl)phthalate	149	19.895	19.905	(0.955)	62348	5.00000	5.246
*	134 Di-n-octylphthalate-d4	153	20.830	20.840	(1.000)	377218	20.0000	
	73 Di-n-octylphthalate	149	20.840	20.851	(1.000)	117365	5.00000	5.401

	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	21.310	21.347	(0.976)	102615	5.00000	4.777
	75 Benzo(k)fluoranthene	252	21.342	21.379	(0.977)	126591	5.00000	5.579
	76 Benzo(a)pyrene	252	21.754	21.791	(0.996)	101196	5.00000	5.290
*	77 Perylene-d12	264	21.839	21.849	(1.000)	315500	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	23.346	23.393	(1.069)	117050	5.00000	5.567
	79 Dibenzo(a,h)anthracene	278	23.378	23.425	(1.070)	96270	5.00000	5.575
	80 Benzo(g,h,i)perylene	276	23.762	23.826	(1.088)	106991	5.00000	5.649
	90 N-Nitrosodimethylamine	74	3.452	3.483	(0.426)	41971	5.00000	5.807
	103 Pyridine	79	3.441	3.430	(0.425)	62957	5.00000	5.429
	91 Aniline	93	7.651	7.666	(0.945)	85194	5.00000	5.400
	105 1-methylnaphthalene	141	11.459	11.470	(1.130)	69130	5.00000	5.391
	93 Benzidine	184	17.587	17.602	(0.894)	50221	5.00000	5.497
	111 Azobenzene (1,2-DP-Hydrazine)	77	14.141	14.157	(1.088)	109687	5.00000	5.315
	144 alpha-Terpineol	59	10.199	10.214	(1.006)	37797	5.00000	5.251
	143 1,4-Dioxane	88	Compound Not Detected.					
$	137 d8-1,4-Dioxane	96	Compound Not Detected.					
	133 Butylatedhydroxytoluene	205	13.174	13.185	(1.014)	65098	5.00000	5.416
	115 Tributyl Phosphate	99	14.189	14.221	(0.923)	104102	5.00000	5.363
	116 Dibutyl Phenyl Phosphate	175	15.920	15.930	(1.036)	54332	5.00000	5.115
	117 Butyl Diphenyl Phosphate	94	17.608	17.619	(0.895)	24310	5.00000	5.673
	118 Triphenyl Phosphate	326	19.211	19.226	(0.976)	15658	5.00000	5.197
	123 Acetophenone	105	8.788	8.809	(1.085)	66241	5.00000	5.217
	170 Pentachlorobenzene	250	13.351	13.366	(1.027)	28065	5.00000	5.468

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: nt4.i
Lab File ID: 0051001.d
Lab Smp Id: ABN 5
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071001.b/SW846.m
Misc Info:

Calibration Date: 01-OCT-2007
Calibration Time: 10:31
Client Smp ID: ABN 5
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	110324	55162	220648	117611	6.61
27 Naphthalene-d8	430280	215140	860560	404851	-5.91
42 Acenaphthene-d10	242988	121494	485976	213214	-12.25
59 Phenanthrene-d10	380514	190257	761028	312873	-17.78
69 Chrysene-d12	406554	203277	813108	273529	-32.72
134 Di-n-octylphthala	598971	299486	1197942	377218	-37.02
77 Perylene-d12	429313	214656	858626	315500	-26.51

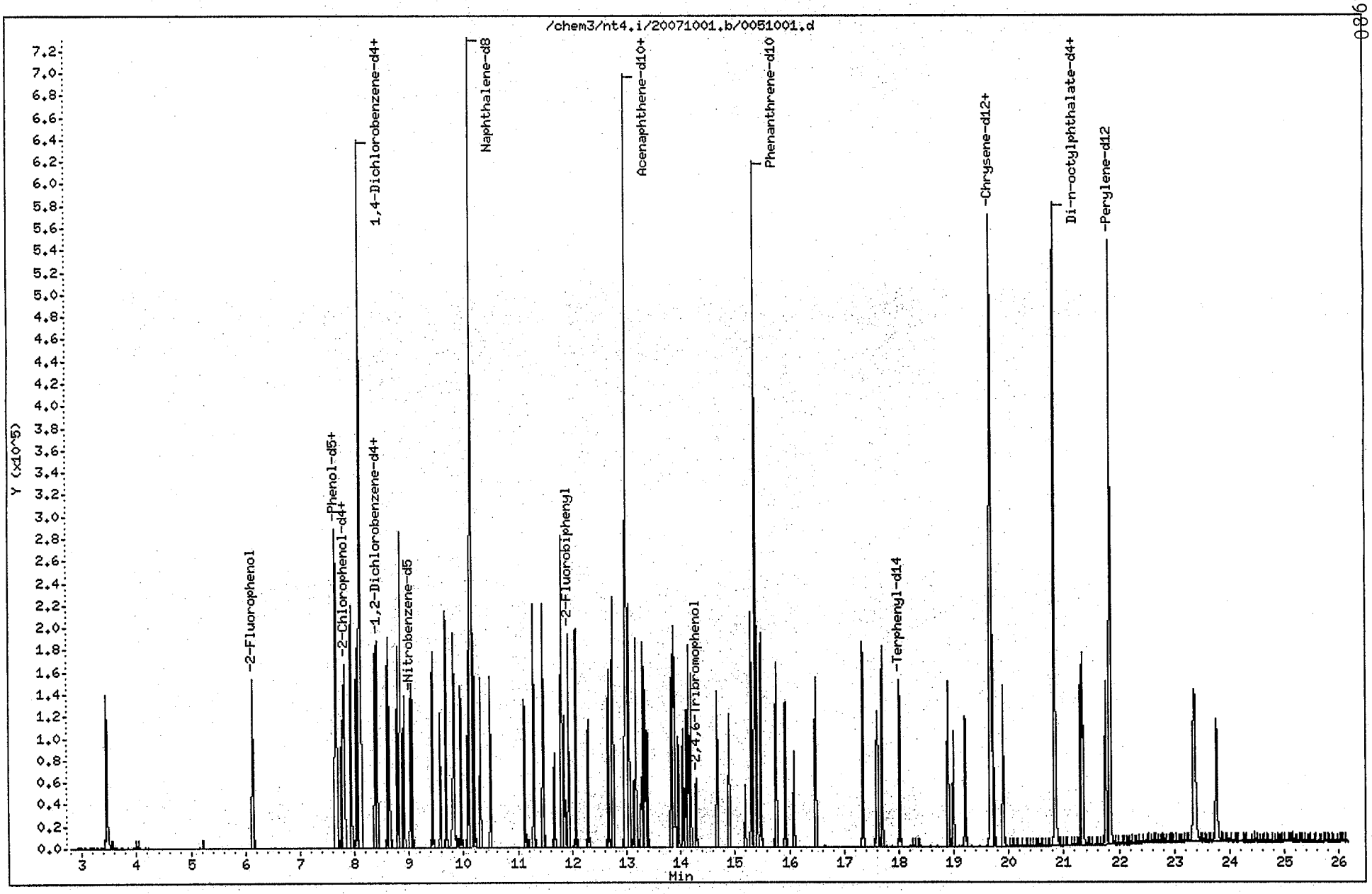
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.10	7.60	8.60	8.10	-0.05
27 Naphthalene-d8	10.14	9.64	10.64	10.14	-0.04
42 Acenaphthene-d10	13.00	12.50	13.50	13.00	-0.03
59 Phenanthrene-d10	15.37	14.87	15.87	15.37	-0.03
69 Chrysene-d12	19.69	19.19	20.19	19.68	-0.05
134 Di-n-octylphthala	20.83	20.33	21.33	20.83	-0.02
77 Perylene-d12	21.84	21.34	22.34	21.84	-0.02

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/nt4.i/20071001.b/0051001.d
Date : 01-OCT-2007 12:46
Client ID: ABN 5
Sample Info: ABN 5

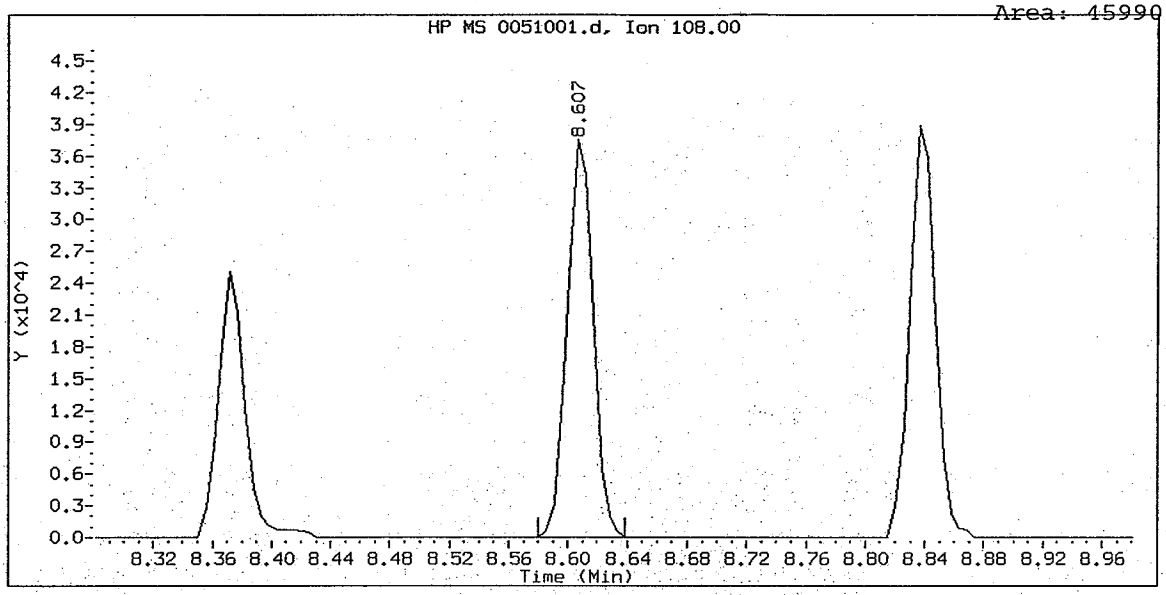
Instrument: nt4.i
Operator: VTS
Column diameter: 0.32

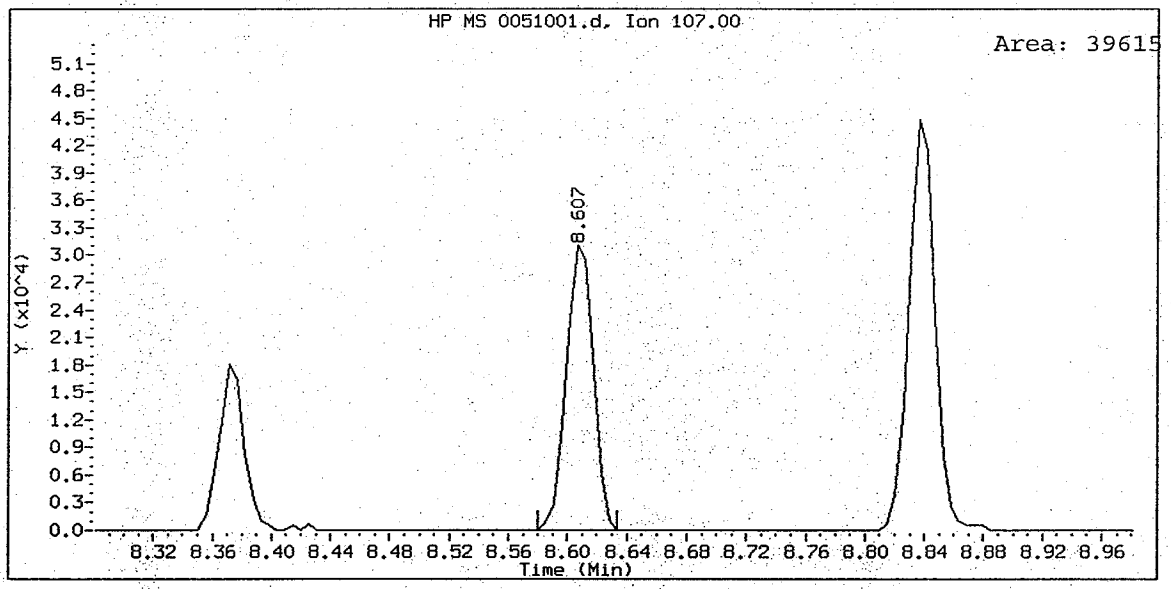
Column phase: ZB-5

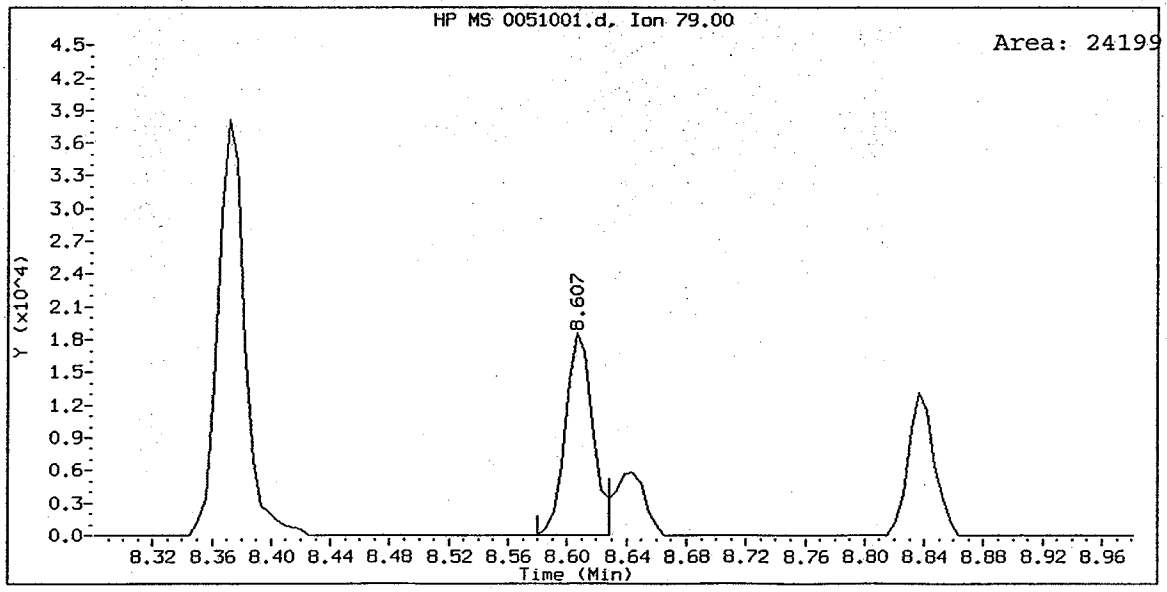


0967

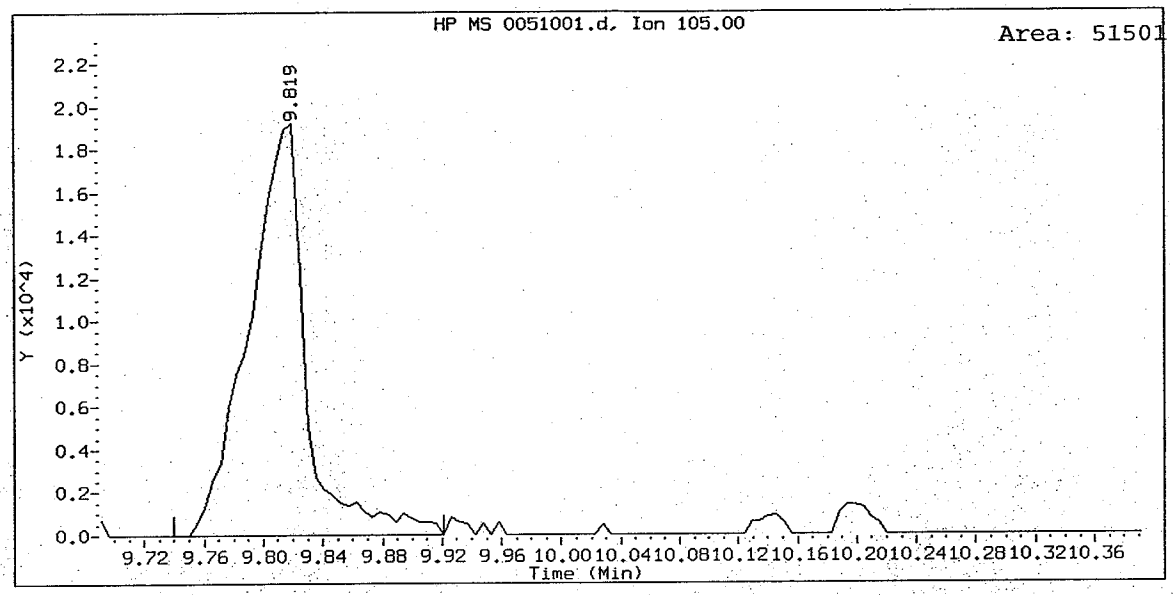
ABN 5, /chem3/nt4.i/20071001.b/0051001.d
2-Methylphenol Amount: 5.26

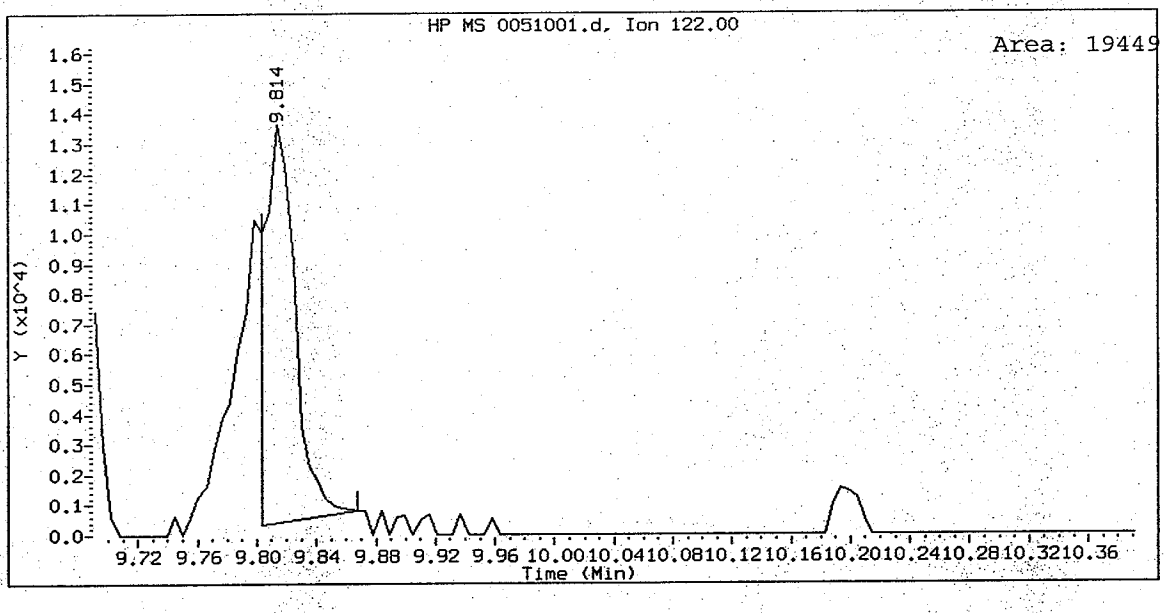


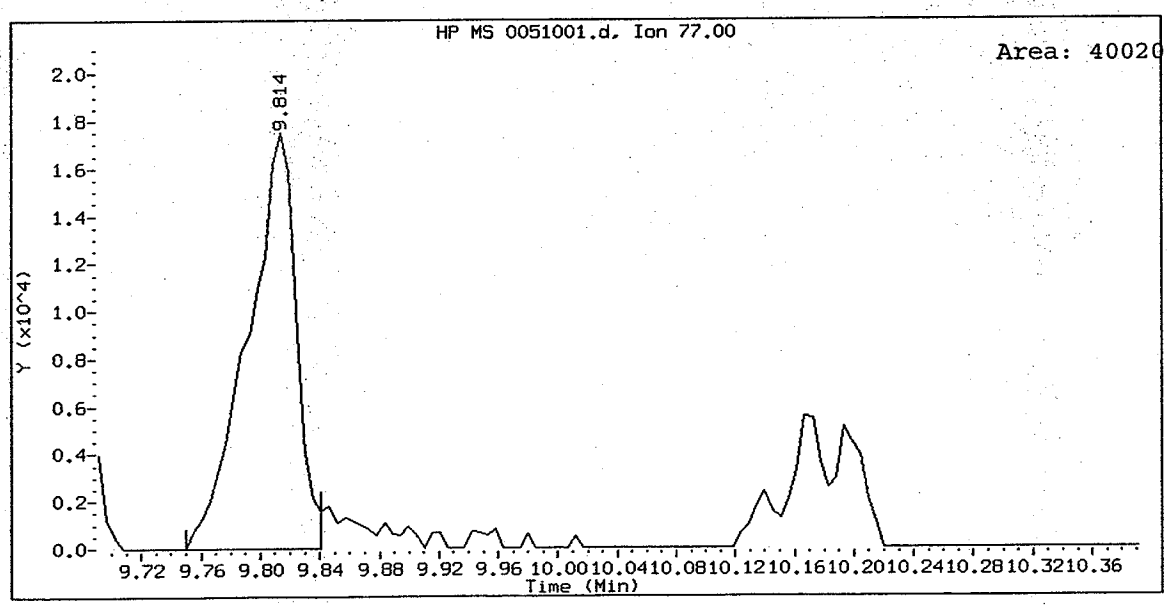




ABN 5, /chem3/nt4.i/20071001.b/0051001.d
Benzoic acid Amount: 7.55







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071001.b/0101001.d
Lab Smp Id: ABN 10 Client Smp ID: ABN 10
Inj Date : 01-OCT-2007 13:20
Operator : VTS Inst ID: nt4.i
Smp Info : ABN 10
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071001.b/SW846.m
Meth Date : 02-Oct-2007 10:17 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:20 Cal File: 0101001.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	6.135	6.144	(0.757)	95482	10.0000	9.995
$ 2	Phenol-d5	99	7.663	7.687	(0.946)	112647	10.0000	10.54
3	Phenol	94	7.679	7.709	(0.948)	134671	10.0000	10.60
$ 5	2-Chlorophenol-d4	132	7.796	7.810	(0.962)	82647	10.0000	10.42
4	Bis(2-Chloroethyl)ether	93	7.770	7.784	(0.959)	102212	10.0000	10.44
6	2-Chlorophenol	128	7.818	7.837	(0.965)	93822	10.0000	10.26
7	1,3-Dichlorobenzene	146	8.037	8.051	(0.992)	96582	10.0000	10.32
* 8	1,4-Dichlorobenzene-d4	152	8.101	8.110	(1.000)	112897	20.0000	
9	1,4-Dichlorobenzene	146	8.122	8.136	(1.003)	98242	10.0000	10.42
$ 10	1,2-Dichlorobenzene-d4	152	8.400	8.409	(1.037)	52415	10.0000	10.27
12	1,2-Dichlorobenzene	146	8.421	8.430	(1.040)	92376	10.0000	10.46
11	Benzyl alcohol	108	8.373	8.398	(1.034)	64044	10.0000	11.05
14	2,2'-oxybis(1-Chloropropane)	45	8.640	8.654	(1.067)	124058	10.0000	10.45
13	2-Methylphenol	108	8.608	8.633	(1.063)	86569	10.0000	10.32(H)
17	Hexachloroethane	117	8.908	8.916	(1.100)	44360	10.0000	10.36
16	N-Nitroso-di-n-propylamine	70	8.849	8.884	(1.092)	79850	10.0000	10.30
15	4-Methylphenol	108	8.838	8.863	(1.091)	88657	10.0000	10.38
$ 18	Nitrobenzene-d5	82	9.025	9.044	(0.890)	110389	10.0000	10.44
19	Nitrobenzene	77	9.052	9.071	(0.893)	123438	10.0000	10.54
20	Isophorone	82	9.431	9.461	(0.930)	194074	10.0000	10.50
21	2-Nitrophenol	139	9.570	9.584	(0.944)	45441	10.0000	10.27
22	2,4-Dimethylphenol	107	9.677	9.696	(0.954)	99056	10.0000	10.57
23	Bis(2-Chloroethoxy)methane	93	9.826	9.846	(0.969)	116899	10.0000	10.54
24	Benzoic acid	105	9.853	10.043	(0.972)	129245	20.0000	19.15(M)
25	2,4-Dichlorophenol	162	9.949	9.969	(0.981)	64177	10.0000	10.15
26	1,2,4-Trichlorobenzene	180	10.083	10.091	(0.994)	78904	10.0000	10.56
* 27	Naphthalene-d8	136	10.142	10.150	(1.000)	400792	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	28 Naphthalene	128	10.168	10.182	(1.003)	254351	10.0000	10.34
	29 4-Chloroaniline	127	10.307	10.326	(1.016)	110305	10.0000	10.64
	30 Hexachlorobutadiene	225	10.494	10.497	(1.035)	45701	10.0000	10.56
	31 4-Chloro-3-methylphenol	107	11.119	11.133	(1.096)	80411	10.0000	10.30
	32 2-Methylnaphthalene	141	11.290	11.299	(1.113)	131698	10.0000	10.51
	33 Hexachlorocyclopentadiene	237	11.675	11.678	(0.898)	37546	10.0000	9.366
	34 2,4,6-Trichlorophenol	196	11.803	11.817	(0.908)	44988	10.0000	10.15
	35 2,4,5-Trichlorophenol	196	11.856	11.870	(0.912)	45286	10.0000	9.542
$	36 2-Fluorobiphenyl	172	11.937	11.945	(0.918)	154267	10.0000	10.10
	37 2-Chloronaphthalene	162	12.070	12.079	(0.928)	150206	10.0000	10.39
	38 2-Nitroaniline	65	12.294	12.314	(0.946)	66166	10.0000	10.52
	39 Dimethylphthalate	163	12.674	12.693	(0.975)	166115	10.0000	10.56
	40 Acenaphthylene	152	12.743	12.757	(0.980)	226477	10.0000	10.47
	41 2,6-Dinitrotoluene	165	12.759	12.784	(0.982)	36891	10.0000	10.26
*	42 Acenaphthene-d10	164	13.000	13.008	(1.000)	221239	20.0000	
	43 3-Nitroaniline	138	12.968	12.998	(0.998)	43462	10.0000	10.28
	44 Acenaphthene	153	13.048	13.062	(1.004)	148512	10.0000	10.34
	45 2,4-Dinitrophenol	184	13.139	13.169	(1.011)	32723	20.0000	16.34
	46 Dibenzofuran	168	13.309	13.329	(1.024)	195405	10.0000	10.45
	47 4-Nitrophenol	109	13.272	13.297	(1.021)	31180	10.0000	10.44 (M)
	48 2,4-Dinitrotoluene	165	13.390	13.409	(1.030)	49735	10.0000	10.46
	50 Diethylphthalate	149	13.828	13.852	(1.064)	166080	10.0000	10.76
	49 Fluorene	166	13.865	13.879	(1.067)	171385	10.0000	10.74
	51 4-Chlorophenyl-phenylether	204	13.892	13.900	(1.069)	82958	10.0000	10.60
	52 4-Nitroaniline	138	13.961	14.007	(1.074)	44075	10.0000	10.44
	53 4,6-Dinitro-2-methylphenol	198	14.041	14.077	(0.913)	53426	20.0000	19.01
	54 N-Nitrosodiphenylamine	169	14.095	14.114	(0.917)	89246	10.0000	10.51
$	55 2,4,6-Tribromophenol	330	14.287	14.301	(1.099)	19649	10.0000	10.32
	56 4-Bromophenyl-phenylether	248	14.672	14.686	(0.954)	45519	10.0000	10.61
	57 Hexachlorobenzene	284	14.891	14.905	(0.969)	47782	10.0000	10.71
	58 Pentachlorophenol	266	15.190	15.204	(0.988)	23672	10.0000	9.083
*	59 Phenanthrene-d10	188	15.372	15.380	(1.000)	345559	20.0000	
	60 Phenanthrene	178	15.409	15.423	(1.002)	249284	10.0000	10.44
	61 Anthracene	178	15.478	15.492	(1.007)	251791	10.0000	10.43
	62 Carbazole	167	15.762	15.775	(1.025)	220895	10.0000	10.69
	63 Di-n-butylphthalate	149	16.483	16.491	(1.072)	271334	10.0000	10.92
	64 Fluoranthene	202	17.343	17.357	(1.128)	278359	10.0000	10.77
	65 Pyrene	202	17.695	17.715	(0.899)	287790	10.0000	10.64
$	66 Terphenyl-d14	244	18.011	18.025	(0.915)	159406	10.0000	10.21
	67 Butylbenzylphthalate	149	18.897	18.911	(0.960)	124749	10.0000	11.01
	68 Benzo(a)anthracene	228	19.656	19.675	(0.999)	266546	10.0000	10.63
*	69 Chrysene-d12	240	19.683	19.702	(1.000)	337352	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.667	19.686	(0.999)	94085	10.0000	10.57
	71 Chrysene	228	19.720	19.750	(1.002)	251018	10.0000	10.18
	72 bis(2-Ethylhexyl)phthalate	149	19.896	19.905	(0.955)	168063	10.0000	10.81
*	134 Di-n-octylphthalate-d4	153	20.826	20.840	(1.000)	493568	20.0000	
	73 Di-n-octylphthalate	149	20.837	20.851	(1.000)	293902	10.0000	10.34

	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	21.307	21.347	(0.976)	243077	10.0000	9.834
75	Benzo(k)fluoranthene	252	21.344	21.379	(0.977)	291613	10.0000	11.17
76	Benzo(a)pyrene	252	21.755	21.791	(0.996)	234436	10.0000	10.65
* 77	Perylene-d12	264	21.841	21.849	(1.000)	363064	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	23.347	23.393	(1.069)	257279	10.0000	10.63
79	Dibenzo(a,h)anthracene	278	23.374	23.425	(1.070)	210384	10.0000	10.59
80	Benzo(g,h,i)perylene	276	23.764	23.826	(1.088)	217697	10.0000	9.988
90	N-Nitrosodimethylamine	74	3.453	3.483	(0.426)	71729	10.0000	10.34
103	Pyridine	79	3.437	3.430	(0.424)	115281	10.0000	10.36
91	Aniline	93	7.652	7.666	(0.945)	163538	10.0000	10.80
105	1-methylnaphthalene	141	11.461	11.470	(1.130)	132980	10.0000	10.48
93	Benzidine	184	17.589	17.602	(0.894)	125166	10.0000	11.11
111	Azobenzene (1,2-DP-Hydrazine)	77	14.143	14.157	(1.088)	230923	10.0000	10.78
144	alpha-Terpineol	59	10.200	10.214	(1.006)	77837	10.0000	10.92
143	1,4-Dioxane	88	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
133	Butylatedhydroxytoluene	205	13.176	13.185	(1.014)	129292	10.0000	10.37
115	Tributyl Phosphate	99	14.191	14.221	(0.923)	225155	10.0000	10.50
116	Dibutyl Phenyl Phosphate	175	15.922	15.930	(1.036)	124715	10.0000	10.63
117	Butyl Diphenyl Phosphate	94	17.610	17.619	(0.895)	58830	10.0000	11.13
118	Triphenyl Phosphate	326	19.213	19.226	(0.976)	39194	10.0000	10.55
123	Acetophenone	105	8.790	8.809	(1.085)	127069	10.0000	10.42
170	Pentachlorobenzene	250	13.352	13.366	(1.027)	55600	10.0000	10.44

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: nt4.i
Lab File ID: 0101001.d
Lab Smp Id: ABN 10
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071001.b/SW846.m
Misc Info:

Calibration Date: 01-OCT-2007
Calibration Time: 10:31
Client Smp ID: ABN 10
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	110324	55162	220648	112897	2.33
27 Naphthalene-d8	430280	215140	860560	400792	-6.85
42 Acenaphthene-d10	242988	121494	485976	221239	-8.95
59 Phenanthrene-d10	380514	190257	761028	345559	-9.19
69 Chrysene-d12	406554	203277	813108	337352	-17.02
134 Di-n-octylphthala	598971	299486	1197942	493568	-17.60
77 Perylene-d12	429313	214656	858626	363064	-15.43

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.10	7.60	8.60	8.10	-0.03
27 Naphthalene-d8	10.14	9.64	10.64	10.14	-0.02
42 Acenaphthene-d10	13.00	12.50	13.50	13.00	-0.02
59 Phenanthrene-d10	15.37	14.87	15.87	15.37	-0.01
69 Chrysene-d12	19.69	19.19	20.19	19.68	-0.04
134 Di-n-octylphthala	20.83	20.33	21.33	20.83	-0.04
77 Perylene-d12	21.84	21.34	22.34	21.84	-0.01

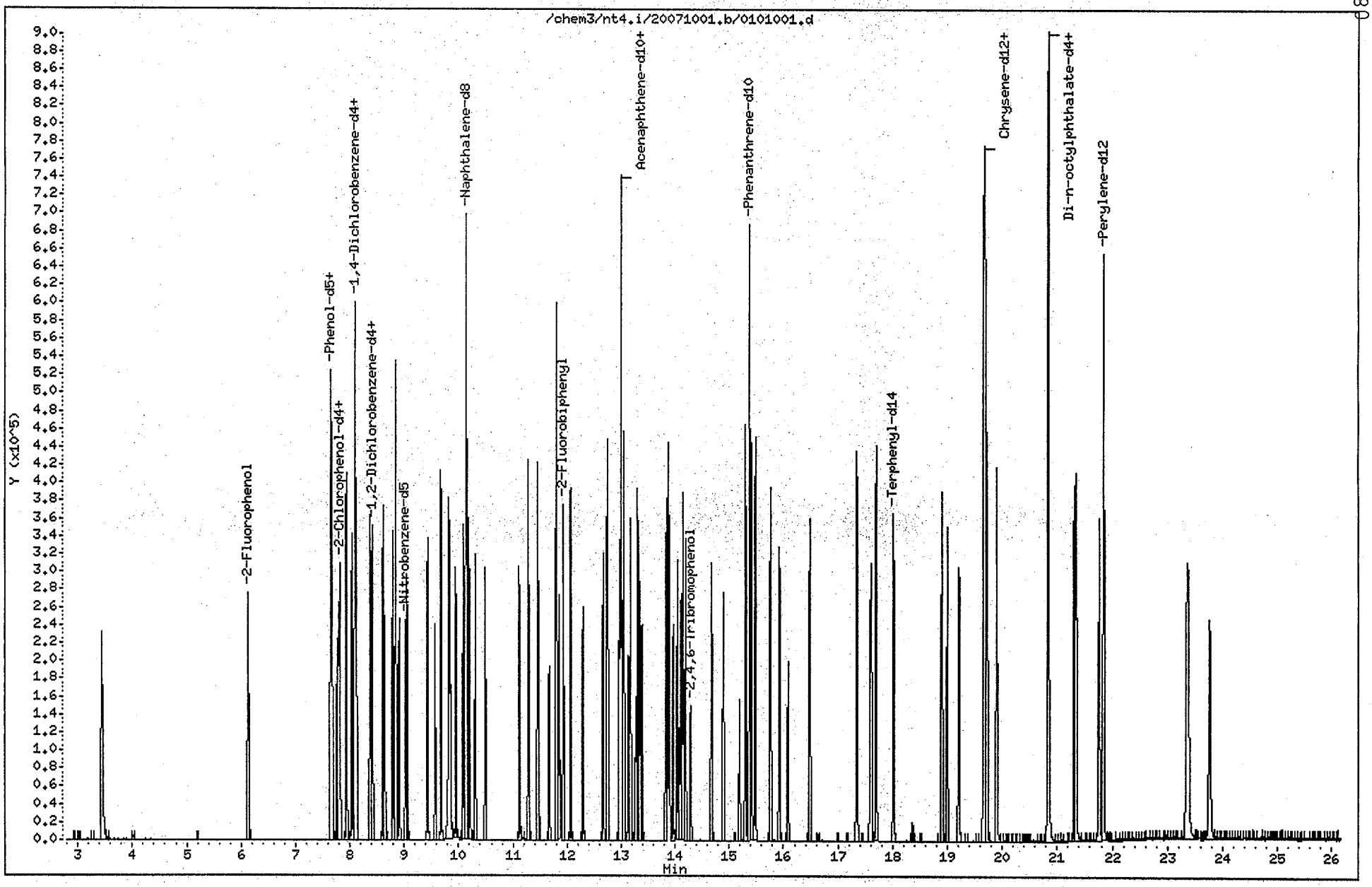
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20071001.b/0101001.d
Date : 01-OCT-2007 13:20
Client ID: ABN 10
Sample Info: ABN 10

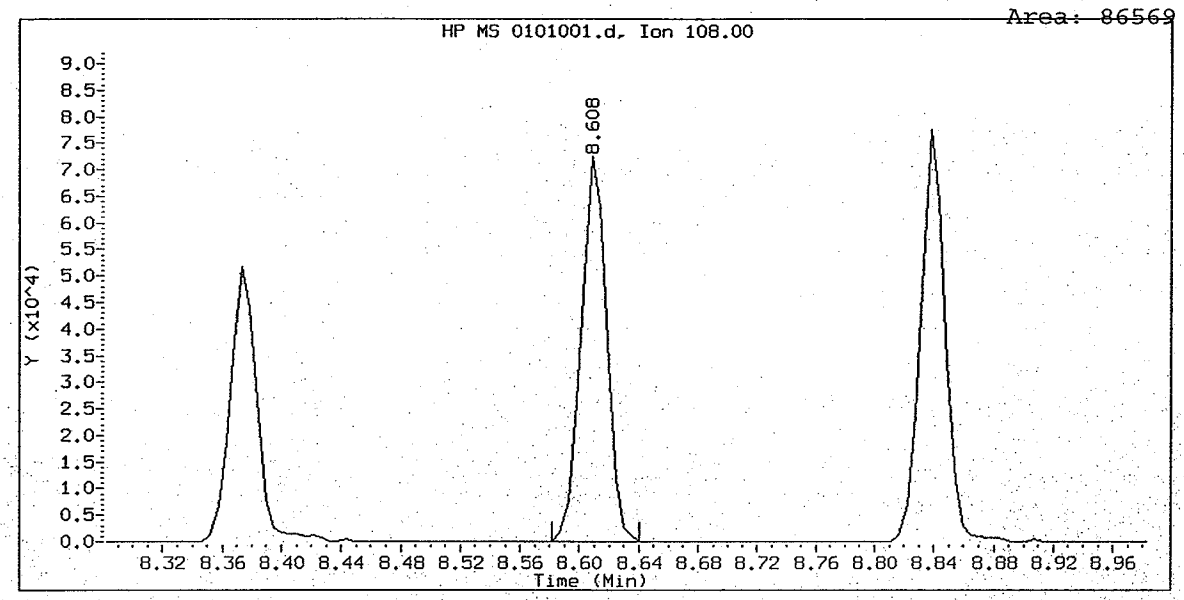
Instrument: nt4.i

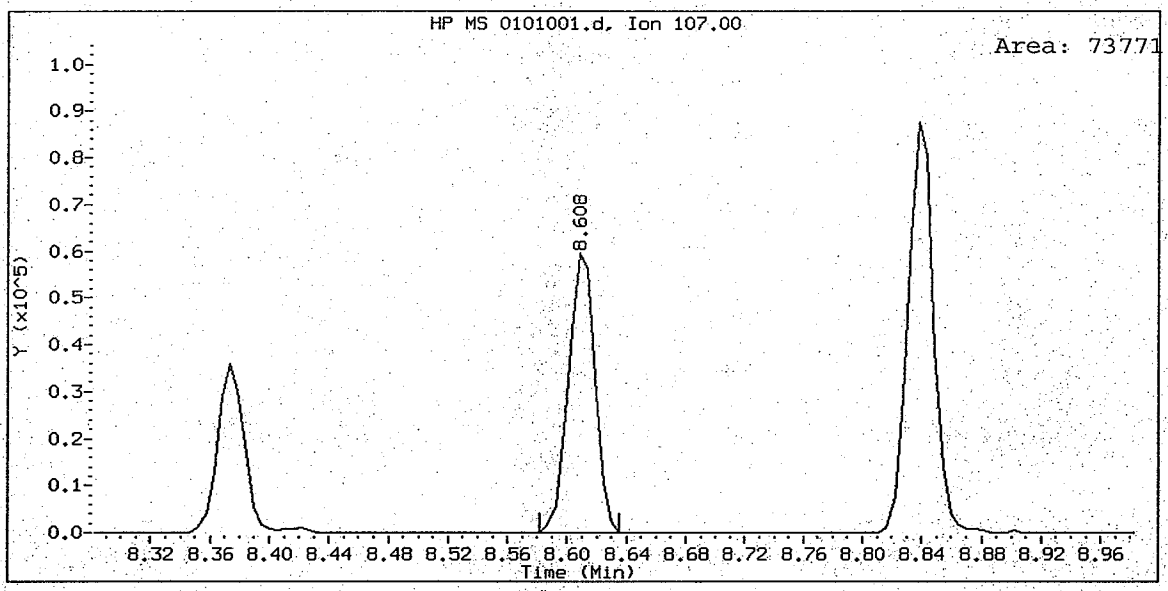
Operator: VTS
Column diameter: 0.32

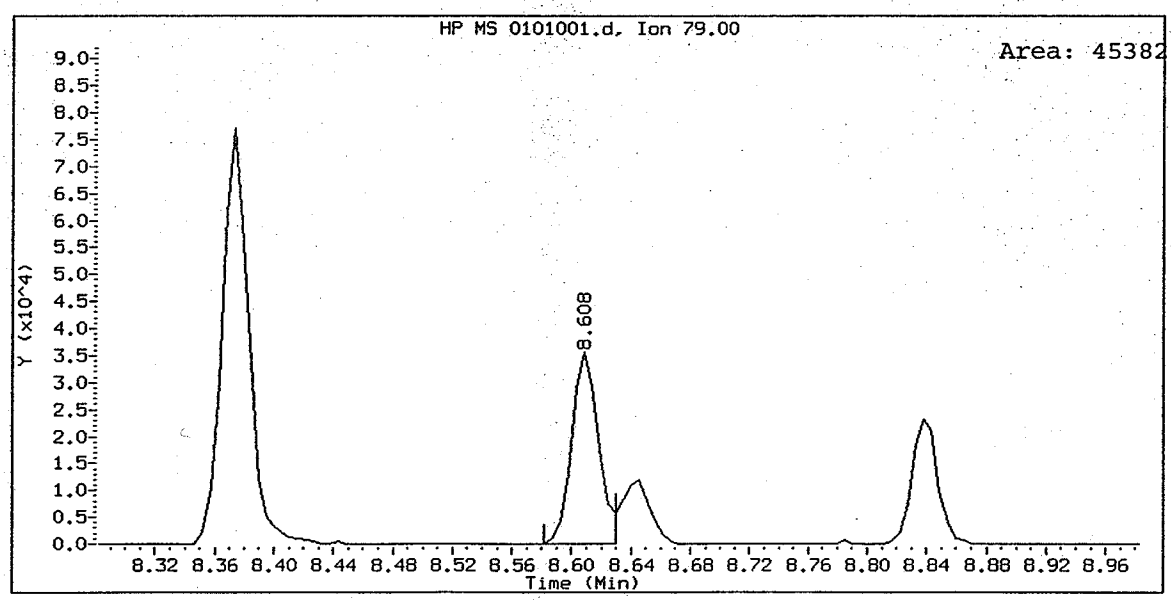
Column phase: ZB-5



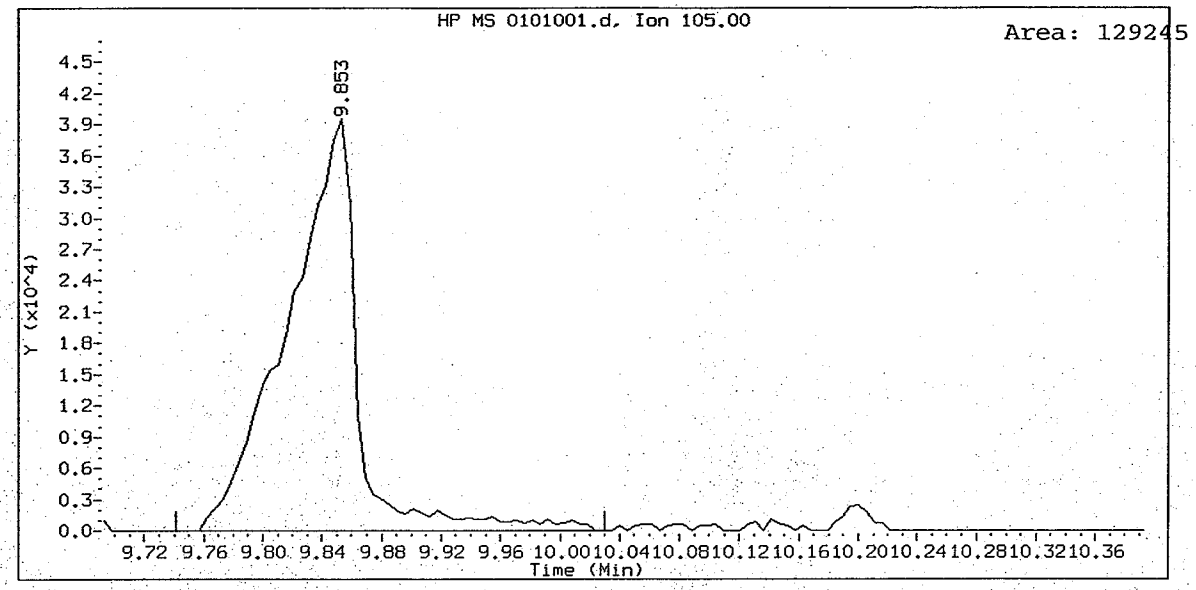
ABN 10, /chem3/nt4.i/20071001.b/0101001.d
2-Methylphenol Amount: 10.32

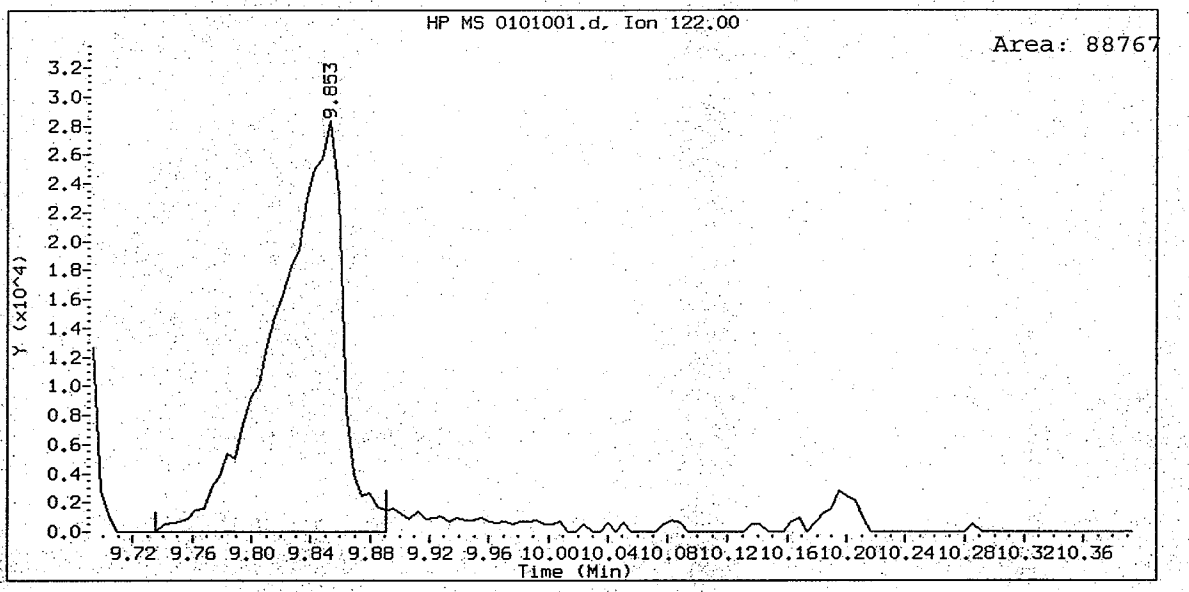


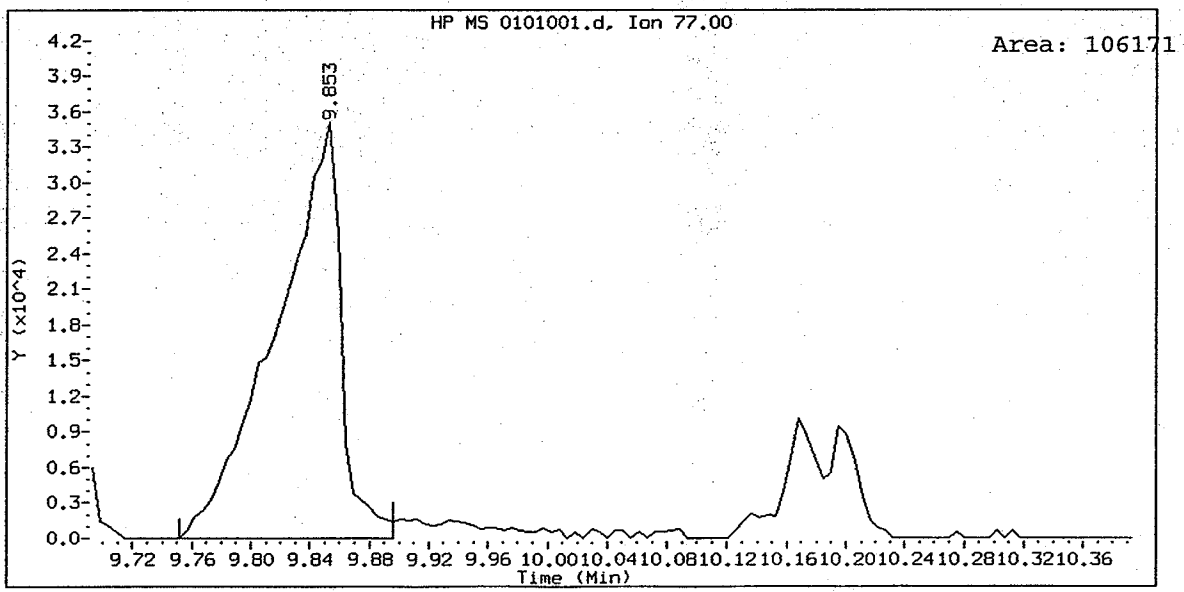




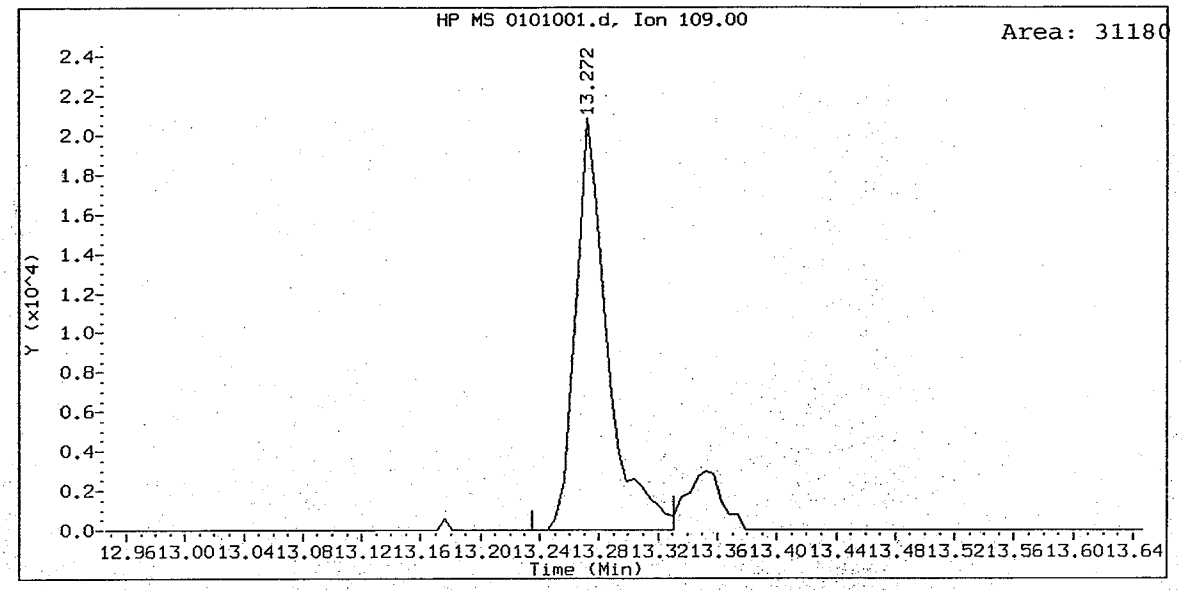
ABN 10, /chem3/nt4.i/20071001.b/0101001.d
Benzoic acid Amount: 19.15

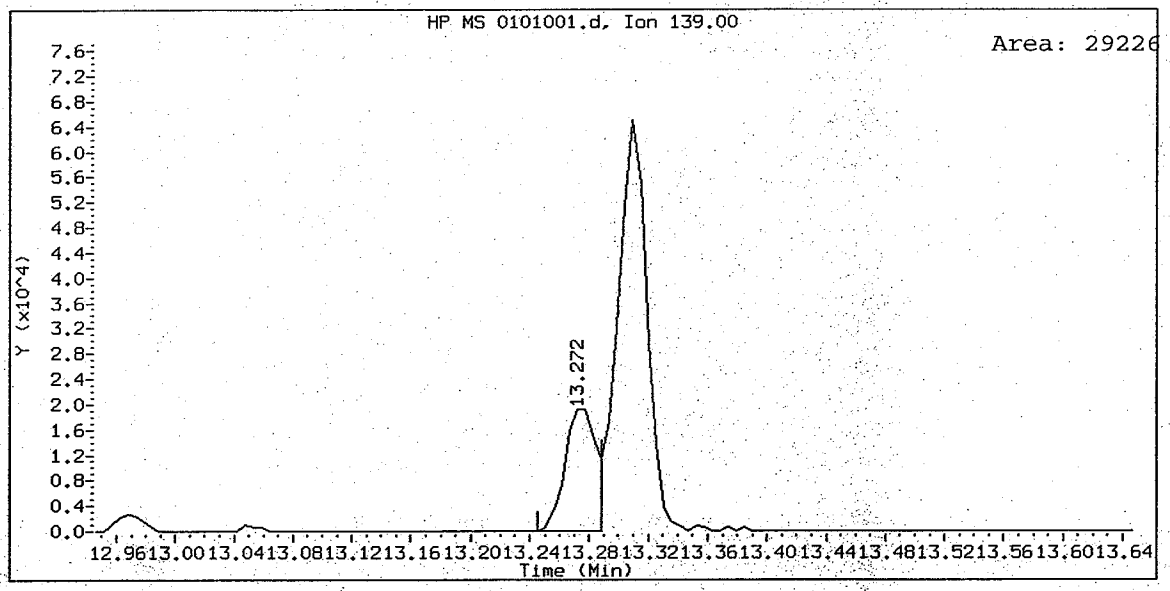


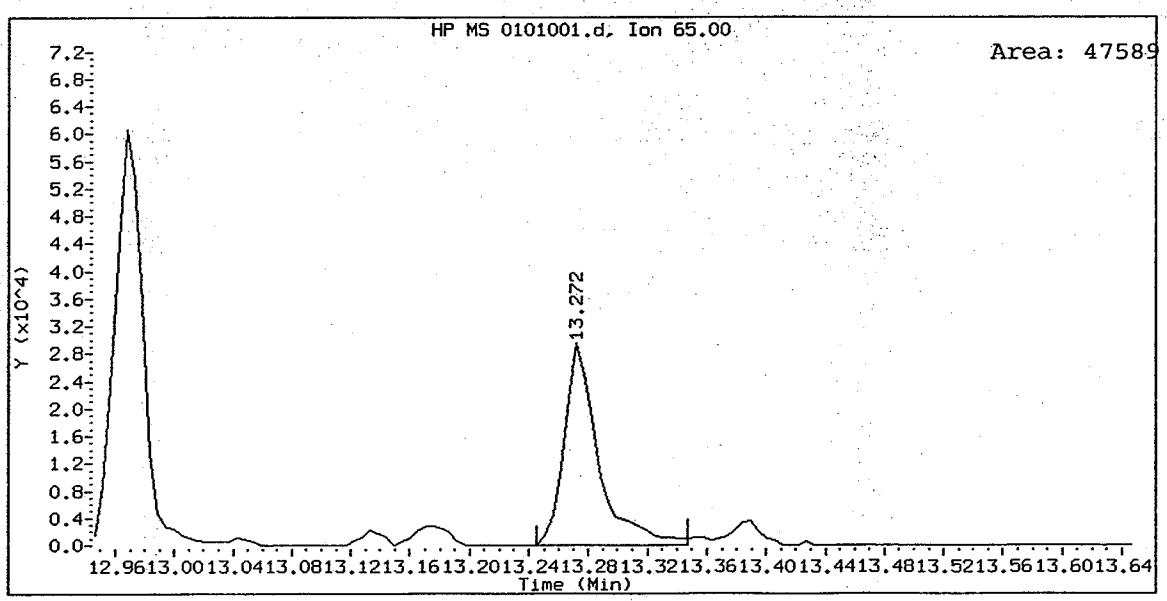




ABN 10, /chem3/nt4.i/20071001.b/0101001.d
4-Nitrophenol Amount: 10.44







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071001.b/0251001.d
Lab Smp Id: ABN 25 Client Smp ID: ABN 25
Inj Date : 01-OCT-2007 10:31
Operator : VTS Inst ID: nt4.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071001.b/SW846.m
Meth Date : 02-Oct-2007 10:17 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 10:31 Cal File: 0251001.d
Als bottle: 1 Calibration Sample, Level: 4
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)	ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.137	6.144	(0.730)	240283	25.0000	25.74(M)
$	2 Phenol-d5	99	7.665	7.687	(0.912)	265969	25.0000	25.45(H)
	3 Phenol	94	7.686	7.709	(0.915)	307286	25.0000	24.76
$	5 2-Chlorophenol-d4	132	7.799	7.810	(0.928)	193233	25.0000	24.93
	4 Bis(2-Chloroethyl)ether	93	7.772	7.784	(0.925)	234767	25.0000	24.55
	6 2-Chlorophenol	128	7.825	7.837	(0.931)	221405	25.0000	24.78
	7 1,3-Dichlorobenzene	146	8.039	8.051	(0.957)	221647	25.0000	24.24(H)
*	8 1,4-Dichlorobenzene-d4	152	8.103	8.110	(1.000)	110324	20.0000	(H)
	9 1,4-Dichlorobenzene	146	8.130	8.136	(0.968)	226703	25.0000	24.60(H)
$	10 1,2-Dichlorobenzene-d4	152	8.402	8.409	(1.000)	123002	25.0000	24.66
	12 1,2-Dichlorobenzene	146	8.424	8.430	(1.003)	209325	25.0000	24.25
	11 Benzyl alcohol	108	8.381	8.398	(0.997)	148288	25.0000	26.19(H)
	14 2,2'-oxybis(1-Chloropropane)	45	8.643	8.654	(1.029)	289143	25.0000	24.92
	13 2-Methylphenol	108	8.616	8.633	(1.025)	209219	25.0000	25.52(H)
	17 Hexachloroethane	117	8.910	8.916	(1.060)	106567	25.0000	25.46
	16 N-Nitroso-di-n-propylamine	70	8.856	8.884	(1.054)	188686	25.0000	24.91
	15 4-Methylphenol	108	8.846	8.863	(1.053)	217619	25.0000	26.08
$	18 Nitrobenzene-d5	82	9.027	9.044	(0.885)	268792	25.0000	23.68
	19 Nitrobenzene	77	9.054	9.071	(0.887)	294874	25.0000	23.45
	20 Isophorone	82	9.439	9.461	(0.925)	474622	25.0000	23.92
	21 2-Nitrophenol	139	9.572	9.584	(0.938)	113565	25.0000	23.90
	22 2,4-Dimethylphenol	107	9.684	9.696	(0.949)	243199	25.0000	24.18
	23 Bis(2-Chloroethoxy)methane	93	9.829	9.846	(0.963)	282406	25.0000	23.71
	24 Benzoic acid	105	9.914	10.043	(0.972)	379760	50.0000	52.41(M)
	25 2,4-Dichlorophenol	162	9.957	9.969	(0.976)	165313	25.0000	24.35
	26 1,2,4-Trichlorobenzene	180	10.085	10.091	(0.988)	192807	25.0000	24.03
*	27 Naphthalene-d8	136	10.144	10.150	(1.000)	430280	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	10.176	10.182	(0.997)	645270	25.0000	24.43
	29 4-Chloroaniline	127	10.315	10.326	(1.011)	283860	25.0000	25.51
	30 Hexachlorobutadiene	225	10.496	10.497	(1.029)	118021	25.0000	25.40
	31 4-Chloro-3-methylphenol	107	11.121	11.133	(1.090)	223514	25.0000	26.67
	32 2-Methylnaphthalene	141	11.292	11.299	(1.107)	345022	25.0000	25.64
	33 Hexachlorocyclopentadiene	237	11.677	11.678	(0.898)	111731	25.0000	25.38
	34 2,4,6-Trichlorophenol	196	11.805	11.817	(0.908)	123871	25.0000	25.44
	35 2,4,5-Trichlorophenol	196	11.859	11.870	(0.912)	131912	25.0000	25.31
$	36 2-Fluorobiphenyl	172	11.939	11.945	(0.918)	404947	25.0000	24.14
	37 2-Chloronaphthalene	162	12.072	12.079	(0.928)	387086	25.0000	24.38
	38 2-Nitroaniline	65	12.297	12.314	(0.946)	174991	25.0000	25.34
	39 Dimethylphthalate	163	12.676	12.693	(0.975)	434948	25.0000	25.17
	40 Acenaphthylene	152	12.745	12.757	(0.980)	594438	25.0000	25.01
	41 2,6-Dinitrotoluene	165	12.767	12.784	(0.982)	100088	25.0000	25.34
*	42 Acenaphthene-d10	164	13.002	13.008	(1.000)	242988	20.0000	
	43 3-Nitroaniline	138	12.975	12.998	(0.998)	121326	25.0000	26.12
	44 Acenaphthene	153	13.050	13.062	(1.004)	383386	25.0000	24.30
	45 2,4-Dinitrophenol	184	13.146	13.169	(1.011)	120595	50.0000	54.82
	46 Dibenzofuran	168	13.312	13.329	(1.024)	500569	25.0000	24.36
	47 4-Nitrophenol	109	13.280	13.297	(1.021)	91590	25.0000	27.91 (M)
	48 2,4-Dinitrotoluene	165	13.392	13.409	(1.030)	131909	25.0000	25.26
	50 Diethylphthalate	149	13.835	13.852	(1.064)	430997	25.0000	25.42
	49 Fluorene	166	13.867	13.879	(1.067)	437479	25.0000	24.95
	51 4-Chlorophenyl-phenylether	204	13.894	13.900	(1.069)	213578	25.0000	24.84
	52 4-Nitroaniline	138	13.974	14.007	(1.075)	120804	25.0000	26.04
	53 4,6-Dinitro-2-methylphenol	198	14.049	14.077	(0.914)	163545	50.0000	52.86
	54 N-Nitrosodiphenylamine	169	14.097	14.114	(0.917)	232179	25.0000	24.83
$	55 2,4,6-Tribromophenol	330	14.289	14.301	(1.099)	54198	25.0000	25.91
	56 4-Bromophenyl-phenylether	248	14.674	14.686	(0.954)	116135	25.0000	24.58
	57 Hexachlorobenzene	284	14.898	14.905	(0.969)	124006	25.0000	25.25
	58 Pentachlorophenol	266	15.192	15.204	(0.988)	79616	25.0000	27.74
*	59 Phenanthrene-d10	188	15.374	15.380	(1.000)	380514	20.0000	
	60 Phenanthrene	178	15.411	15.423	(1.002)	647104	25.0000	24.61
	61 Anthracene	178	15.486	15.492	(1.007)	656377	25.0000	24.68
	62 Carbazole	167	15.764	15.775	(1.025)	584294	25.0000	25.68
	63 Di-n-butylphthalate	149	16.485	16.491	(1.072)	727955	25.0000	26.62
	64 Fluoranthene	202	17.345	17.357	(1.128)	742428	25.0000	26.08
	65 Pyrene	202	17.703	17.715	(0.899)	769528	25.0000	23.62
$	66 Terphenyl-d14	244	18.018	18.025	(0.915)	452399	25.0000	24.05
	67 Butylbenzylphthalate	149	18.900	18.911	(0.960)	357633	25.0000	26.18
	68 Benzo(a)anthracene	228	19.664	19.675	(0.999)	754499	25.0000	24.97
*	69 Chrysene-d12	240	19.690	19.702	(1.000)	406554	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.669	19.686	(0.999)	265311	25.0000	24.73
	71 Chrysene	228	19.728	19.750	(1.002)	707274	25.0000	23.80
	72 bis(2-Ethylhexyl)phthalate	149	19.899	19.905	(0.955)	499803	25.0000	26.48
*	134 Di-n-octylphthalate-d4	153	20.833	20.840	(1.000)	598971	20.0000	
	73 Di-n-octylphthalate	149	20.844	20.851	(1.000)	843555	25.0000	24.45

	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	21.320	21.347	(0.976)	778211	25.0000	26.62
75	Benzo(k)fluoranthene	252	21.352	21.379	(0.978)	725580	25.0000	23.50
76	Benzo(a)pyrene	252	21.763	21.791	(0.996)	658792	25.0000	25.31
* 77	Perylene-d12	264	21.843	21.849	(1.000)	429313	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	23.360	23.393	(1.069)	702763	25.0000	24.56
79	Dibenzo(a,h)anthracene	278	23.387	23.425	(1.071)	586786	25.0000	24.97
80	Benzo(g,h,i)perylene	276	23.777	23.826	(1.089)	617002	25.0000	23.94
90	N-Nitrosodimethylamine	74	3.455	3.483	(0.426)	168812	25.0000	24.90(M)
103	Pyridine	79	3.434	3.430	(0.424)	277398	25.0000	25.50(M)
91	Aniline	93	7.654	7.666	(0.911)	372925	25.0000	25.20(H)
105	1-methylnaphthalene	141	11.463	11.470	(1.124)	346845	25.0000	25.45
93	Benzidine	184	17.596	17.602	(0.894)	328634	25.0000	24.20
111	Azobenzene (1,2-DP-Hydrazine)	77	14.145	14.157	(1.088)	589311	25.0000	25.06
144	alpha-Terpineol	59	10.203	10.214	(1.000)	193765	25.0000	25.33
143	1,4-Dioxane	88	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
133	Butylatedhydroxytoluene	205	13.178	13.185	(1.014)	333260	25.0000	24.33
115	Tributyl Phosphate	99	14.199	14.221	(0.924)	603493	25.0000	25.56
116	Dibutyl Phenyl Phosphate	175	15.924	15.930	(1.036)	350275	25.0000	27.12
117	Butyl Diphenyl Phosphate	94	17.612	17.619	(0.894)	162772	25.0000	25.56
118	Triphenyl Phosphate	326	19.215	19.226	(0.976)	116951	25.0000	26.12
123	Acetophenone	105	8.792	8.809	(1.046)	296661	25.0000	24.91
170	Pentachlorobenzene	250	13.354	13.366	(1.027)	141126	25.0000	24.13

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: nt4.i
Lab File ID: 0251001.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071001.b/SW846.m
Misc Info:

Calibration Date: 01-OCT-2007
Calibration Time: 10:31
Client Smp ID: ABN 25
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	110324	55162	220648	110324	0.00
27 Naphthalene-d8	430280	215140	860560	430280	0.00
42 Acenaphthene-d10	242988	121494	485976	242988	0.00
59 Phenanthrene-d10	380514	190257	761028	380514	0.00
69 Chrysene-d12	406554	203277	813108	406554	0.00
134 Di-n-octylphthala	598971	299486	1197942	598971	0.00
77 Perylene-d12	429313	214656	858626	429313	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.10	7.60	8.60	8.10	0.00
27 Naphthalene-d8	10.14	9.64	10.64	10.14	0.00
42 Acenaphthene-d10	13.00	12.50	13.50	13.00	0.00
59 Phenanthrene-d10	15.37	14.87	15.87	15.37	0.00
69 Chrysene-d12	19.69	19.19	20.19	19.69	0.00
134 Di-n-octylphthala	20.83	20.33	21.33	20.83	0.00
77 Perylene-d12	21.84	21.34	22.34	21.84	0.00

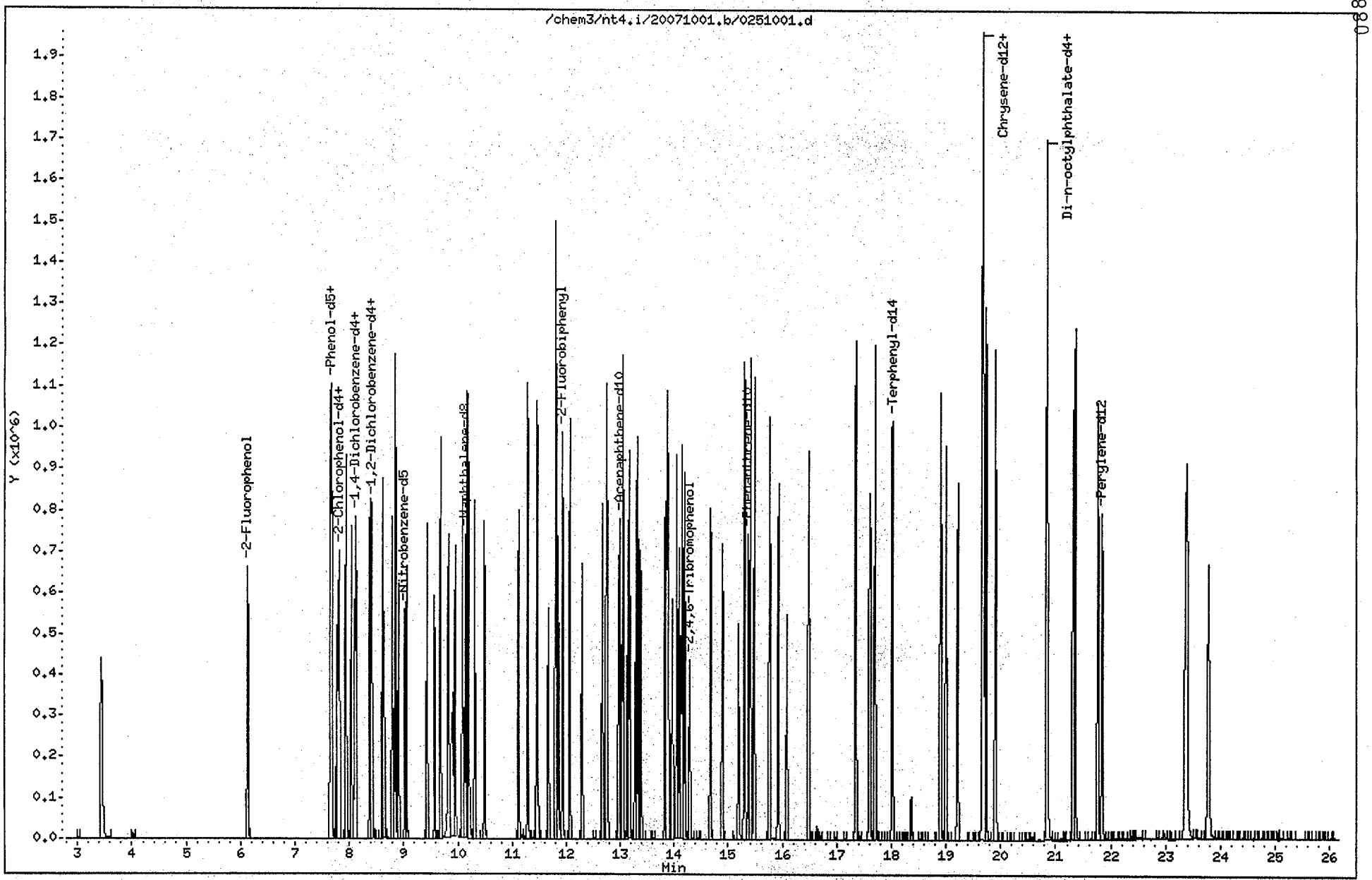
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20071001.b/0251001.d
Date : 01-OCT-2007 10:31
Client ID: ABN 25
Sample Info: ABN 25

Column phase: ZB-5

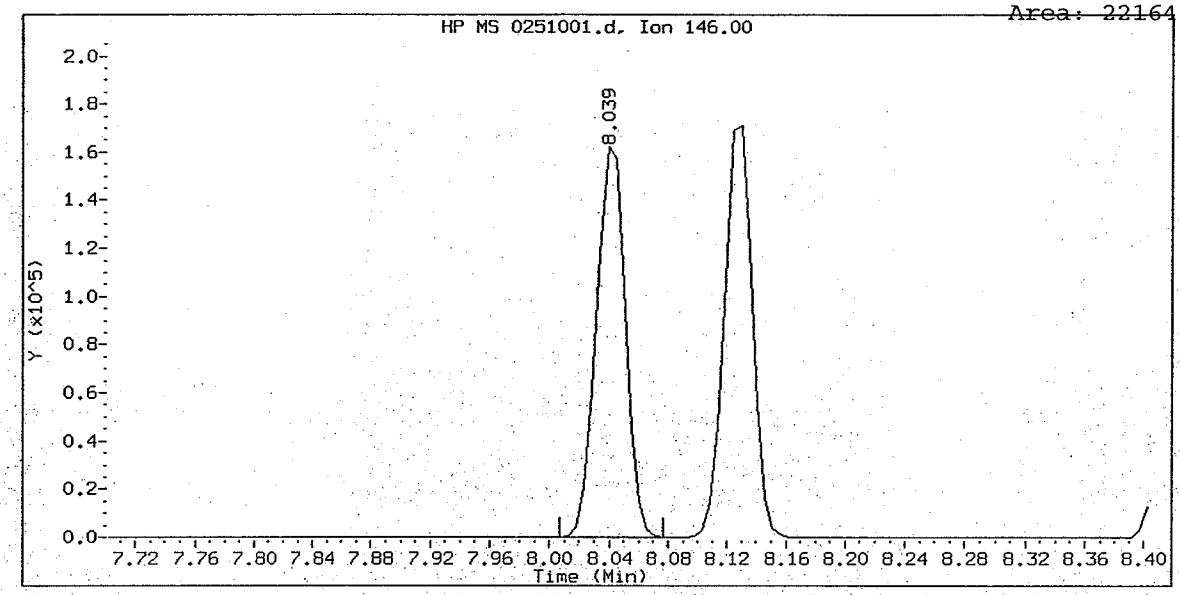
Instrument: nt4.i

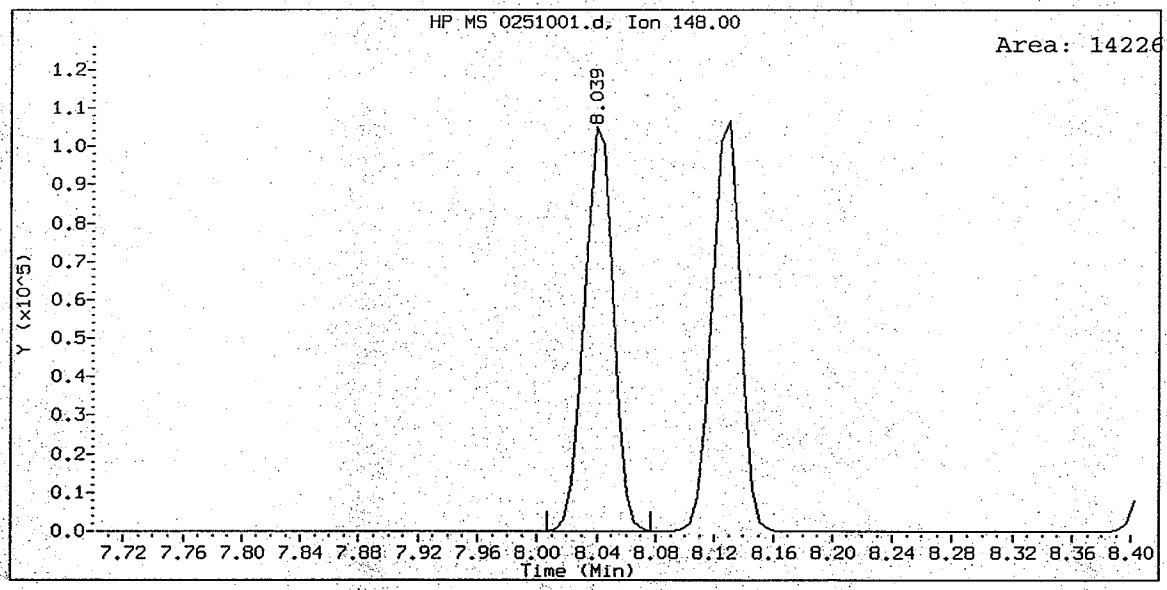
Operator: VTS
Column diameter: 0.32

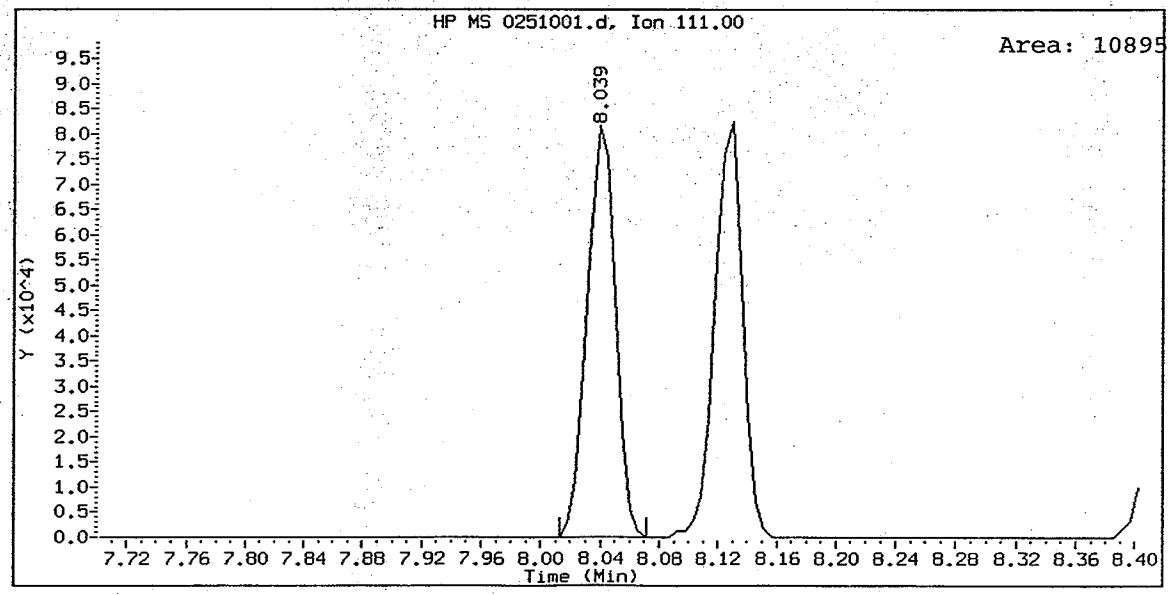


0882

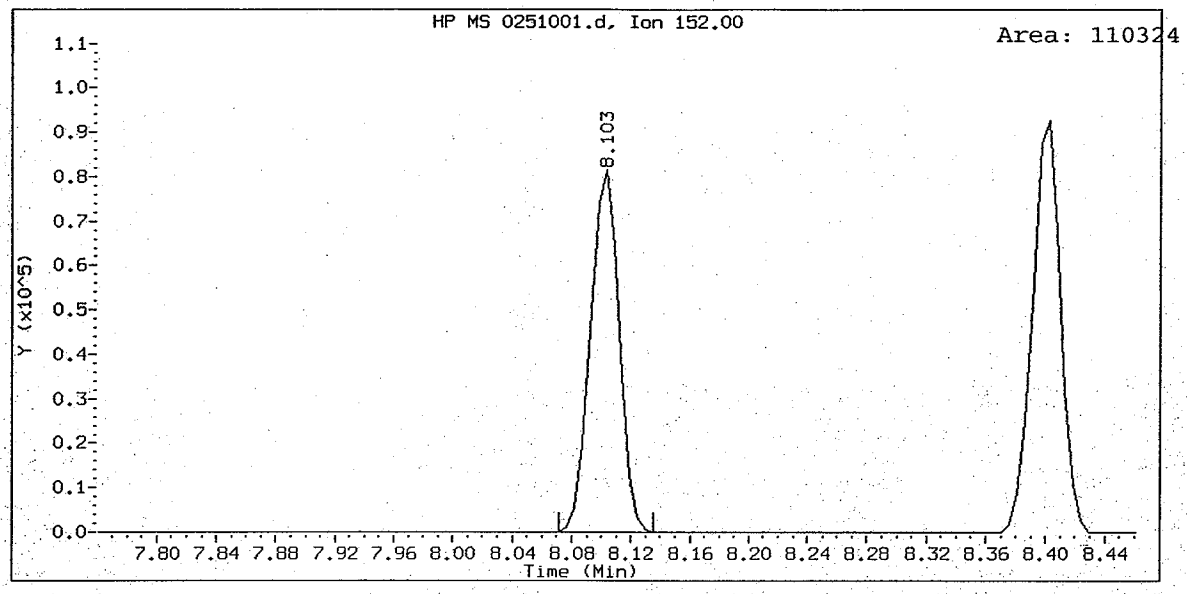
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
1,3-Dichlorobenzene Amount: 24.24

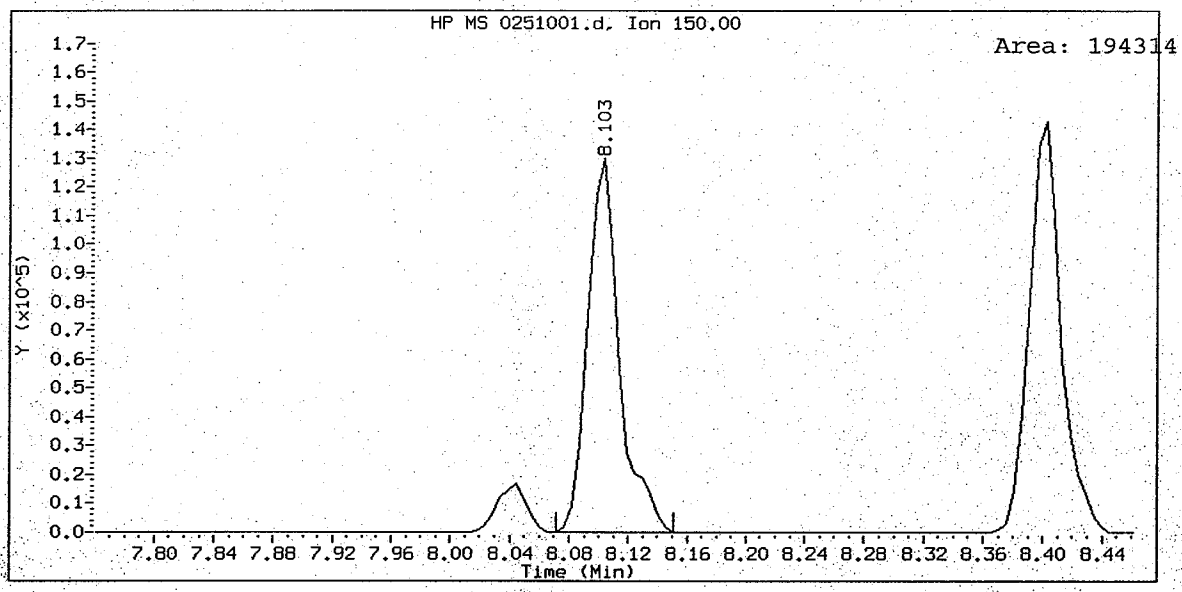


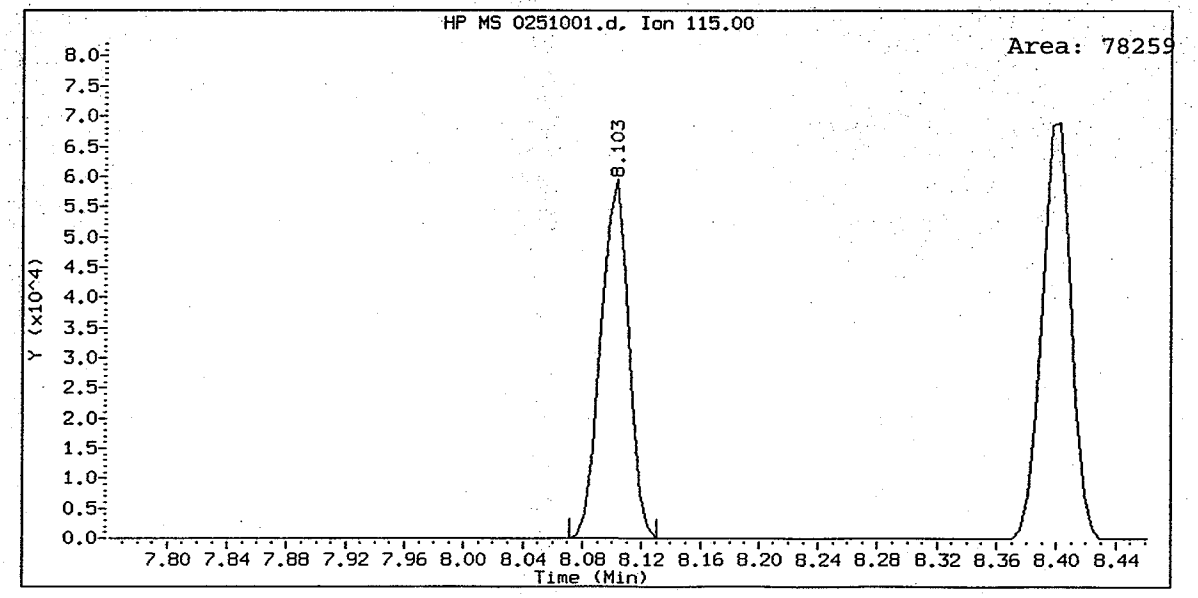




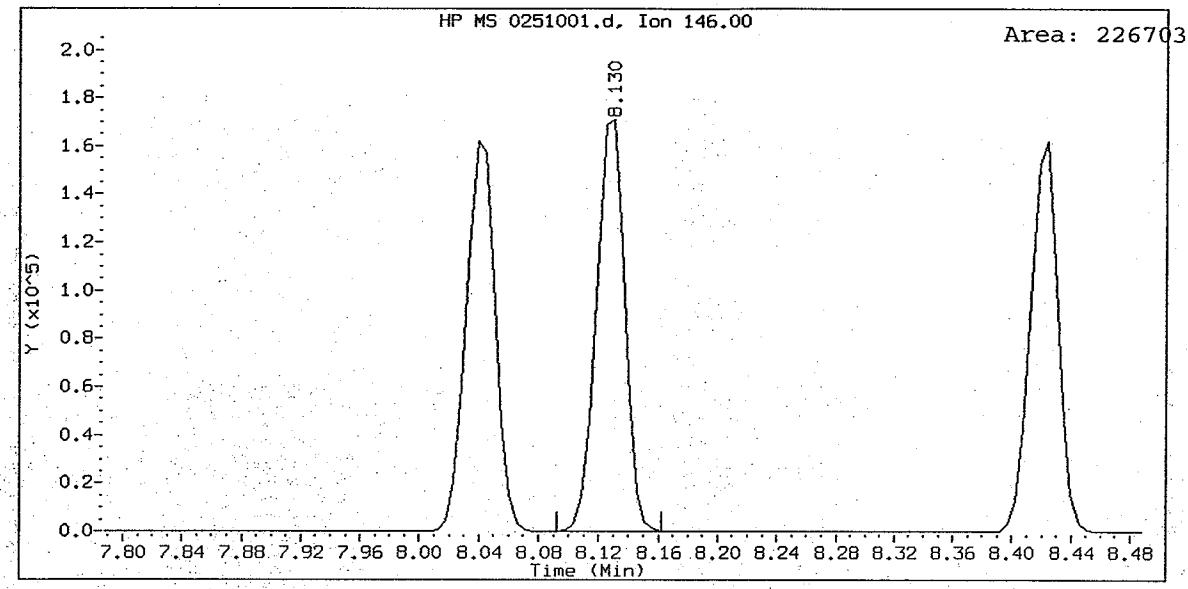
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
1,4-Dichlorobenzene-d4 Amount: 20.00

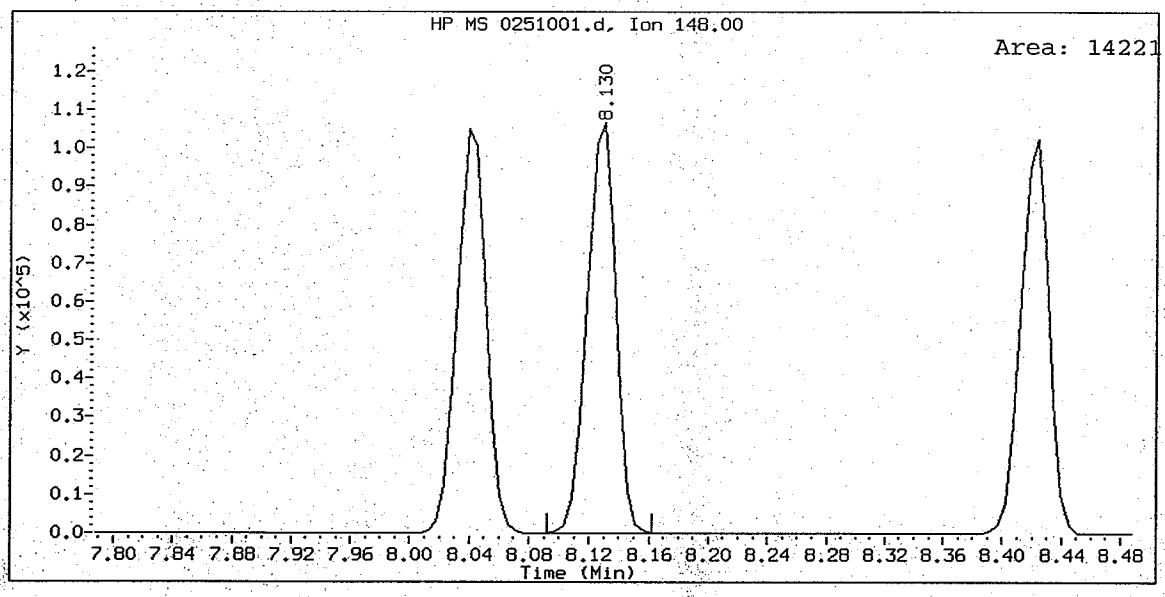


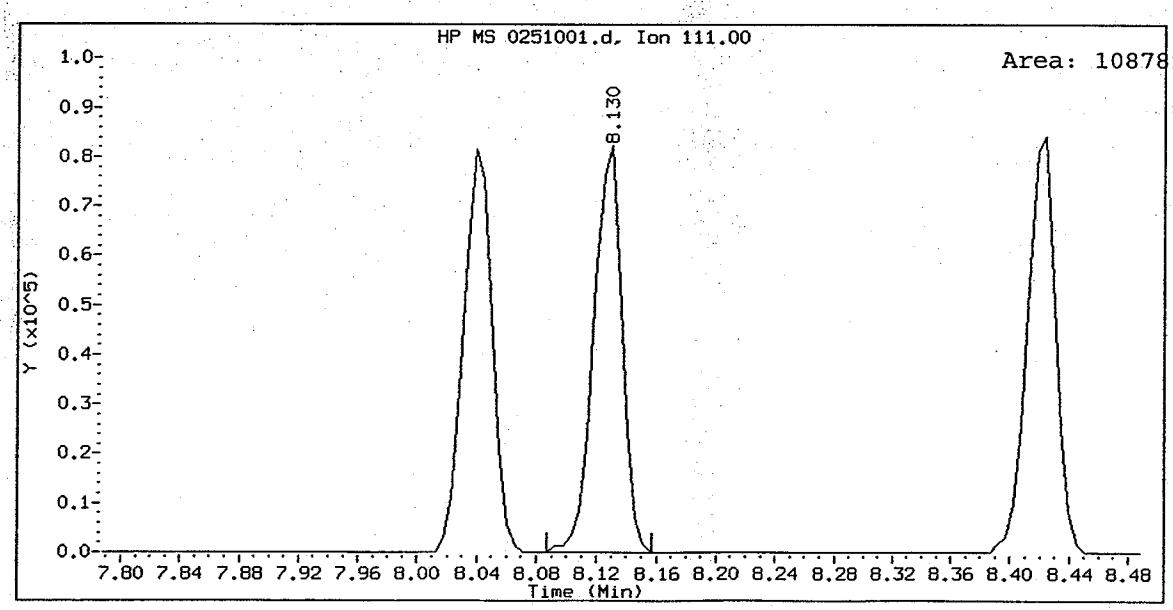




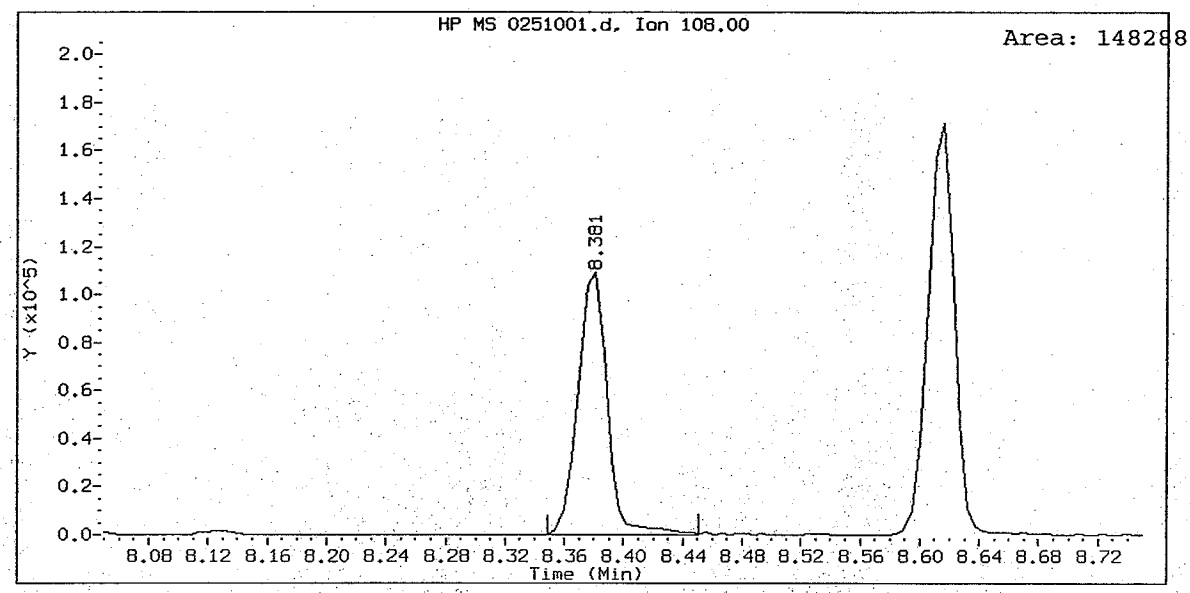
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
1,4-Dichlorobenzene Amount: 24.60

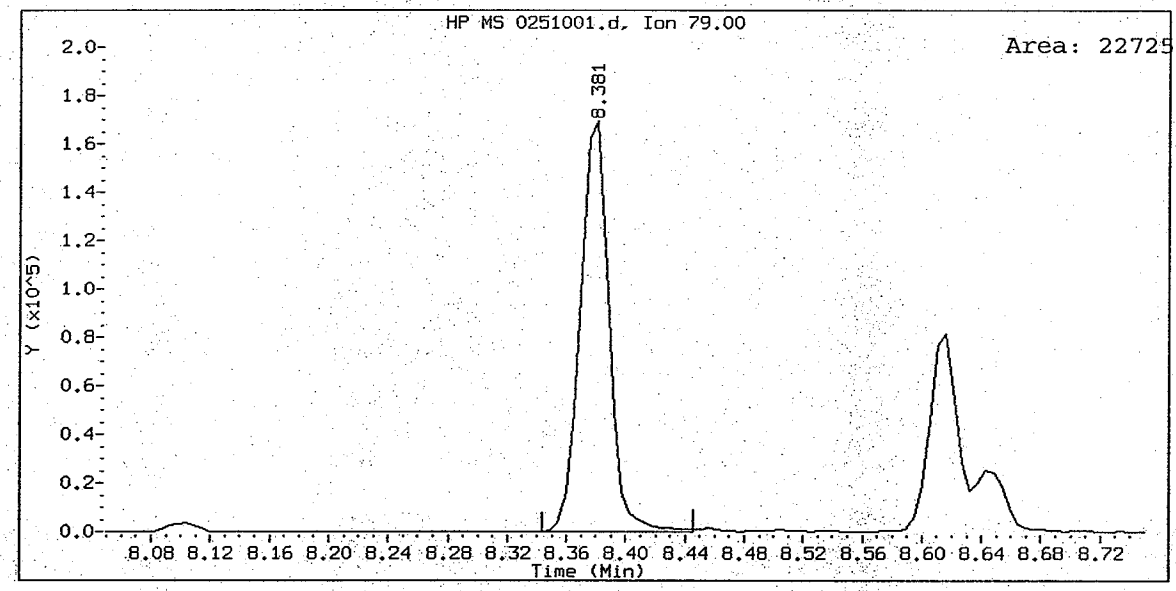


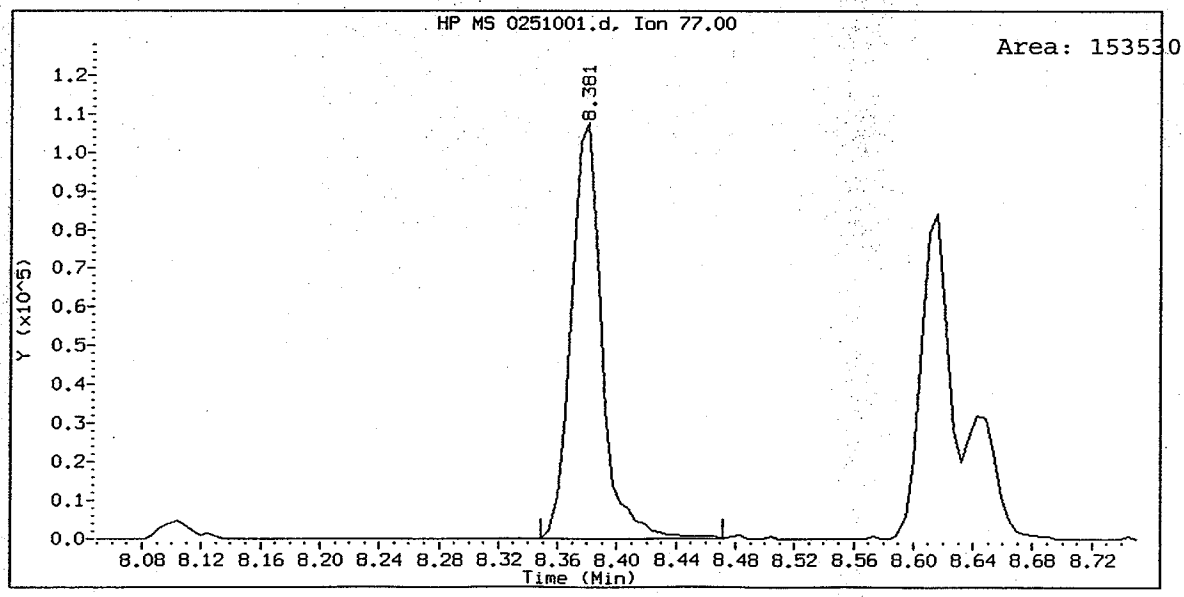




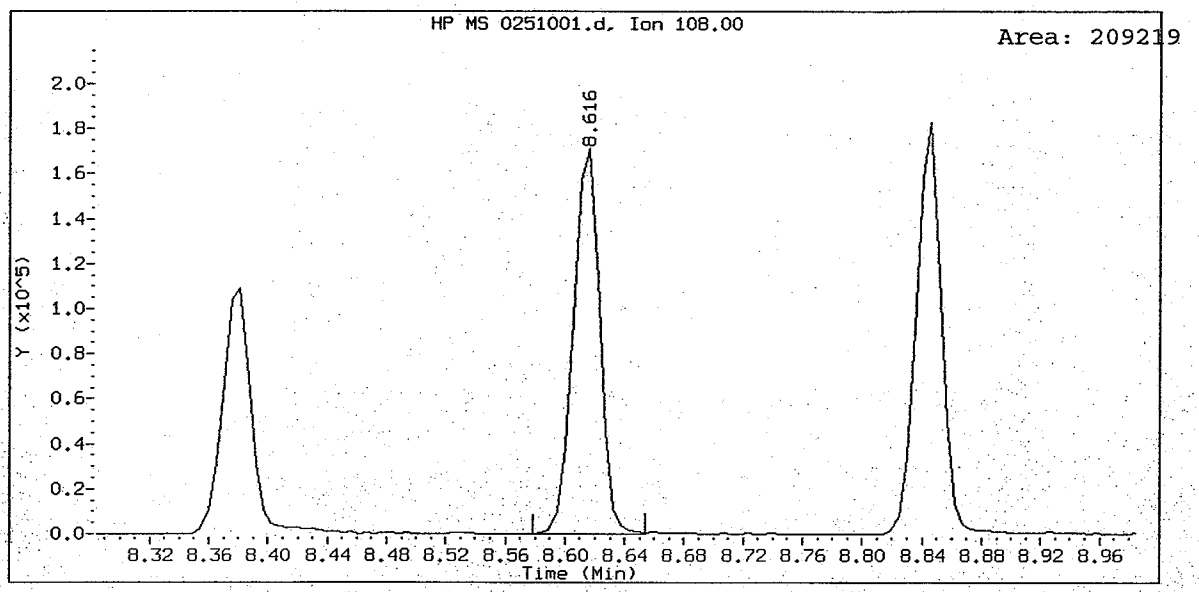
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
Benzyl alcohol Amount: 26.19

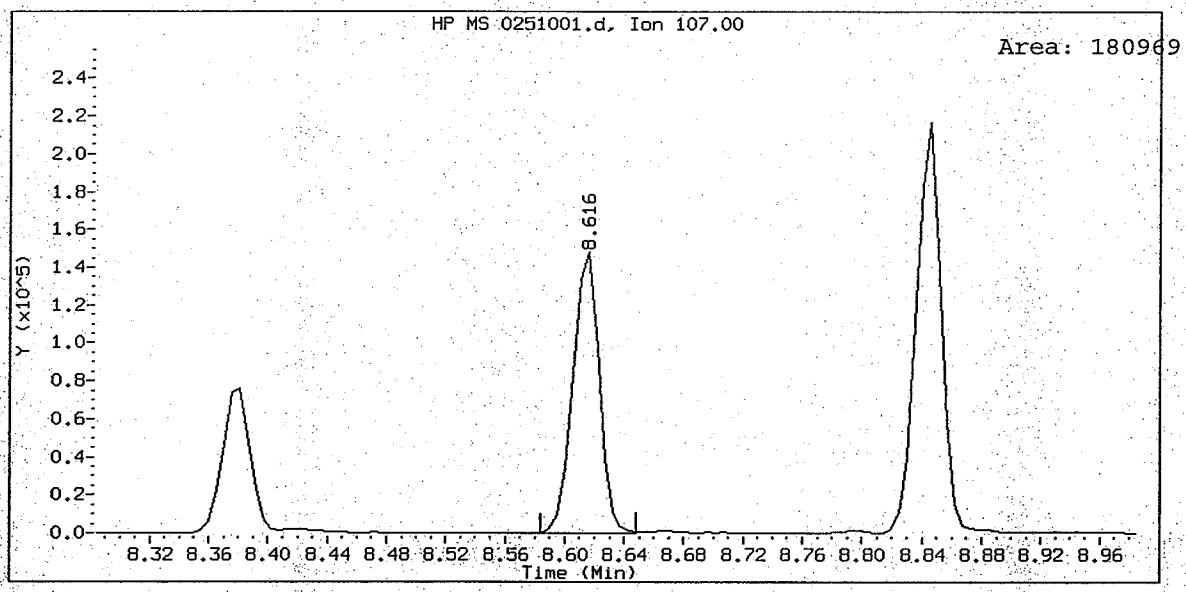


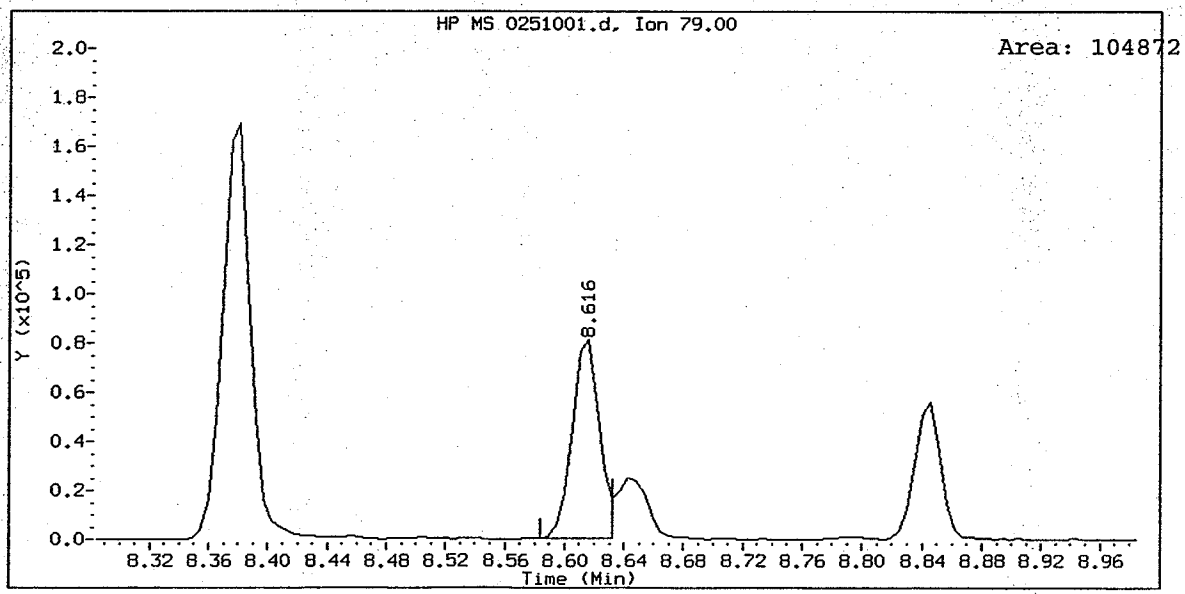




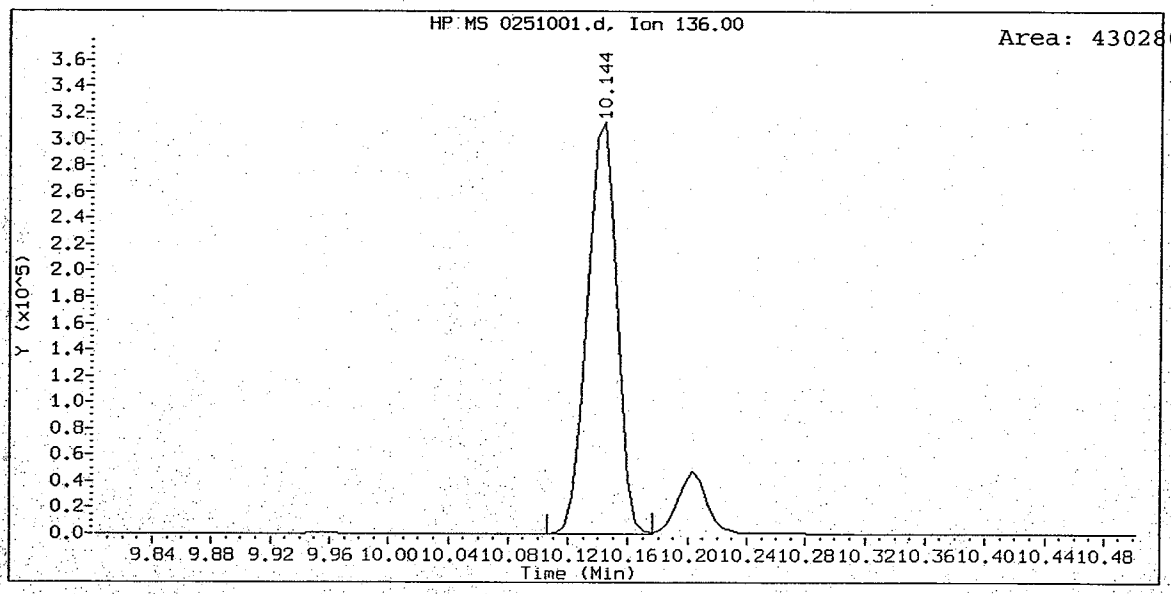
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
2-Methylphenol Amount: 25.52

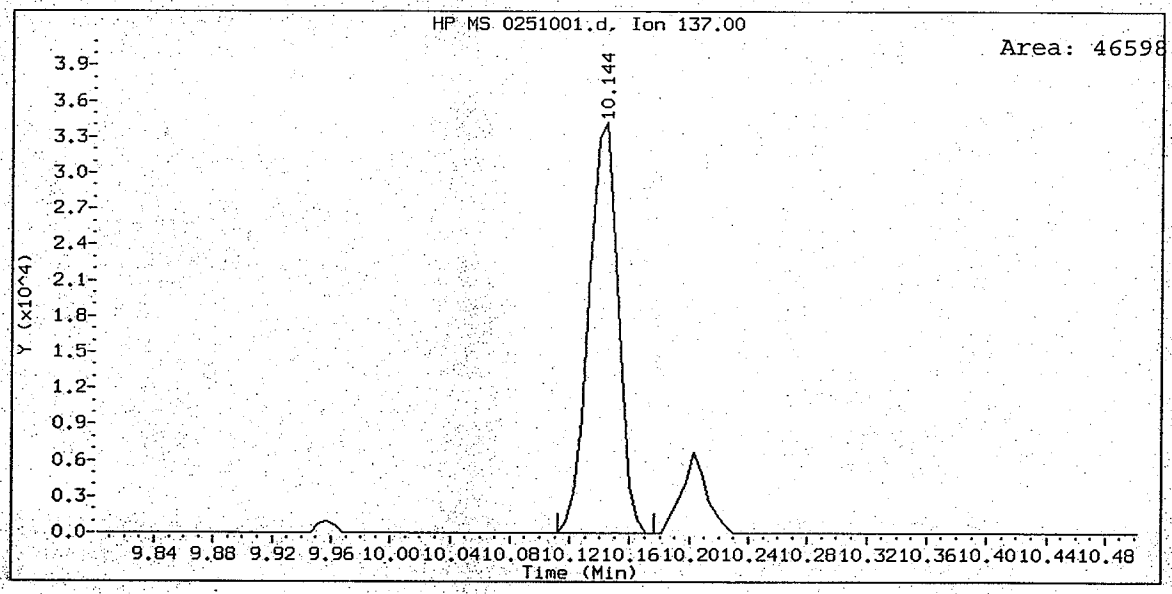


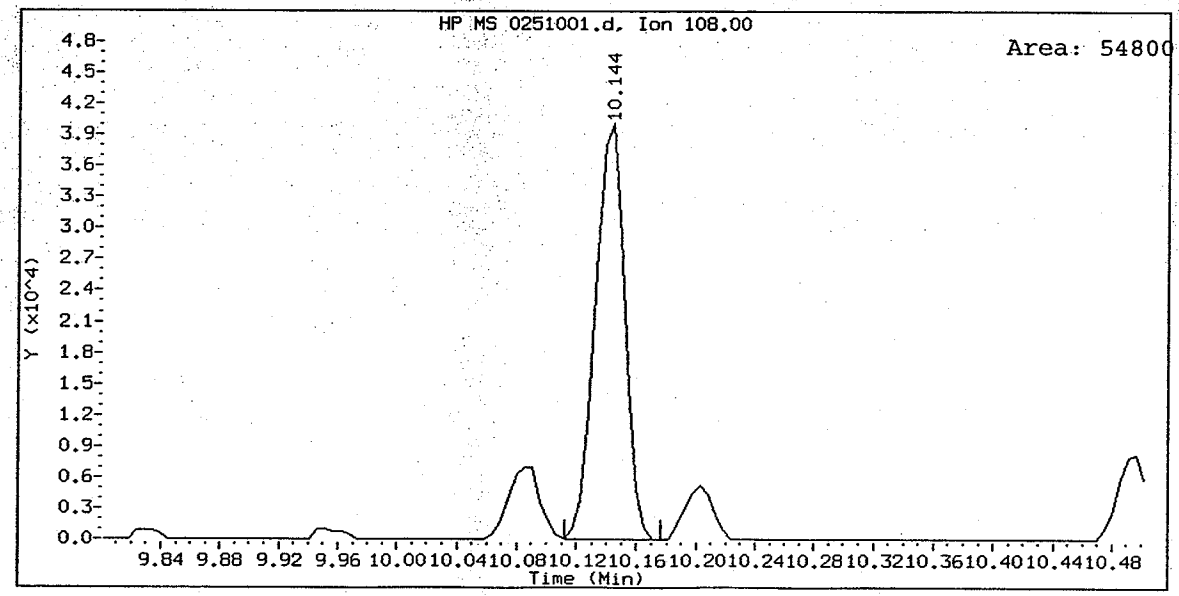




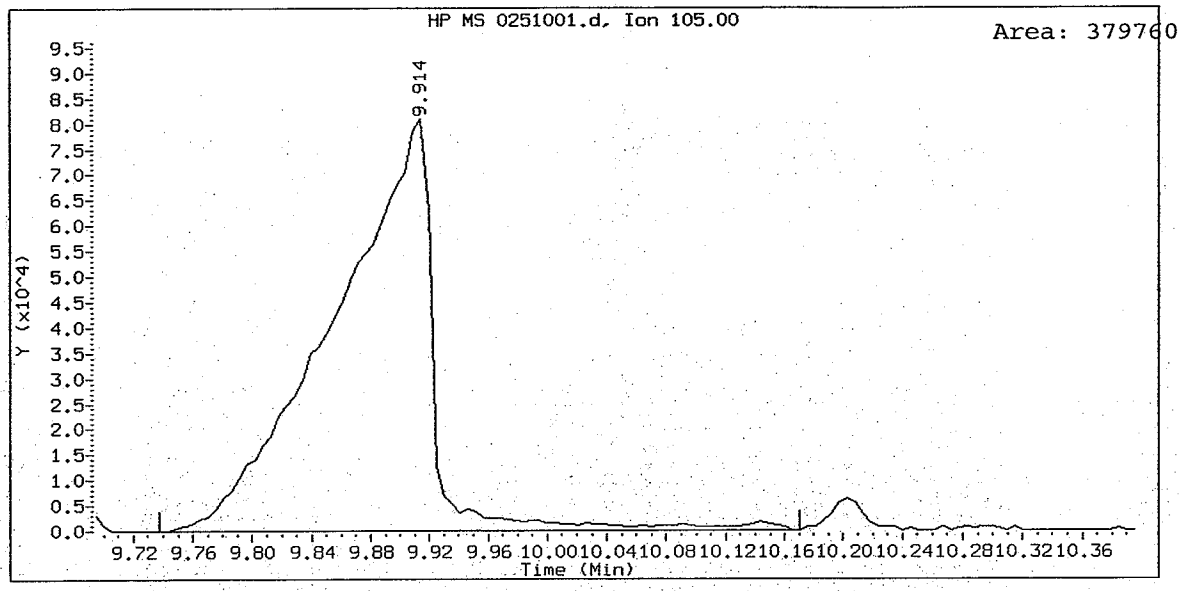
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
Naphthalene-d8 Amount: 20.00

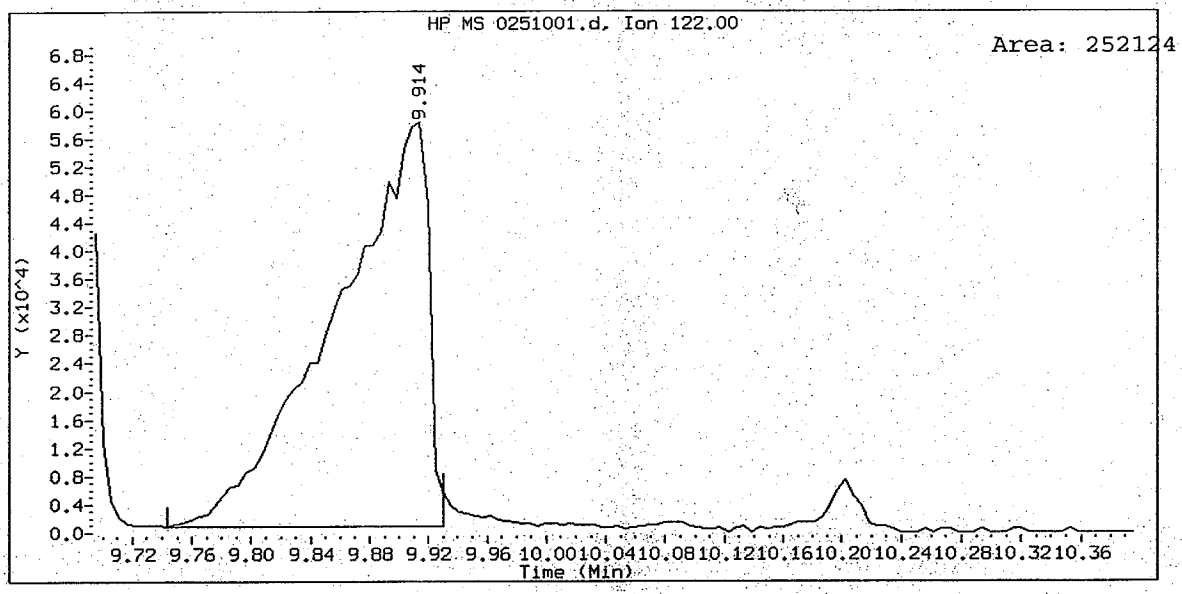


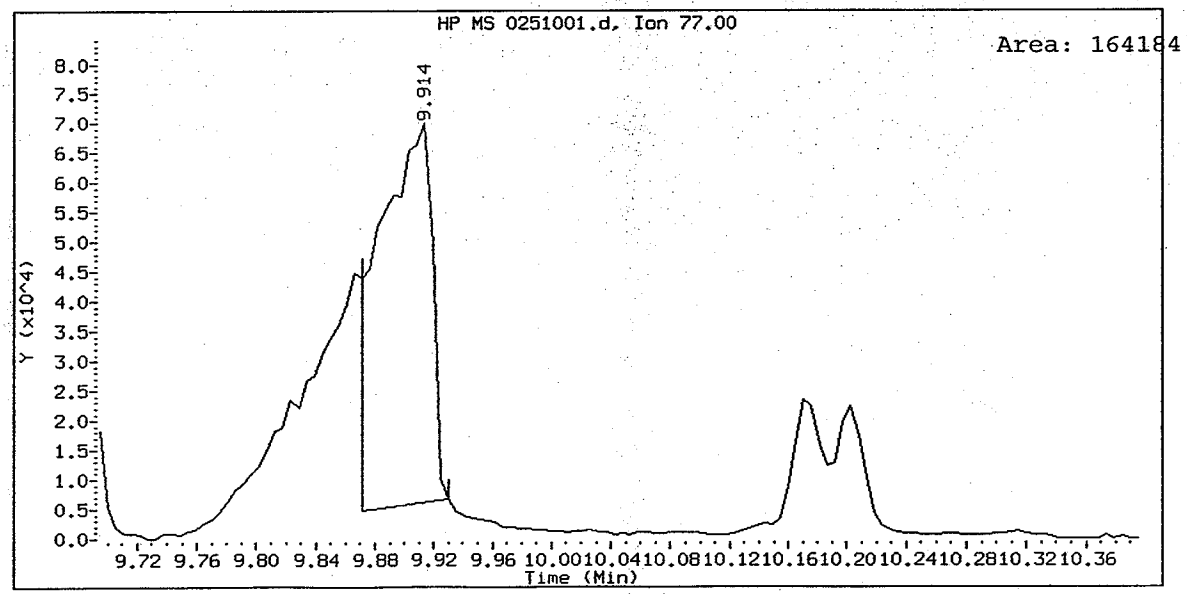




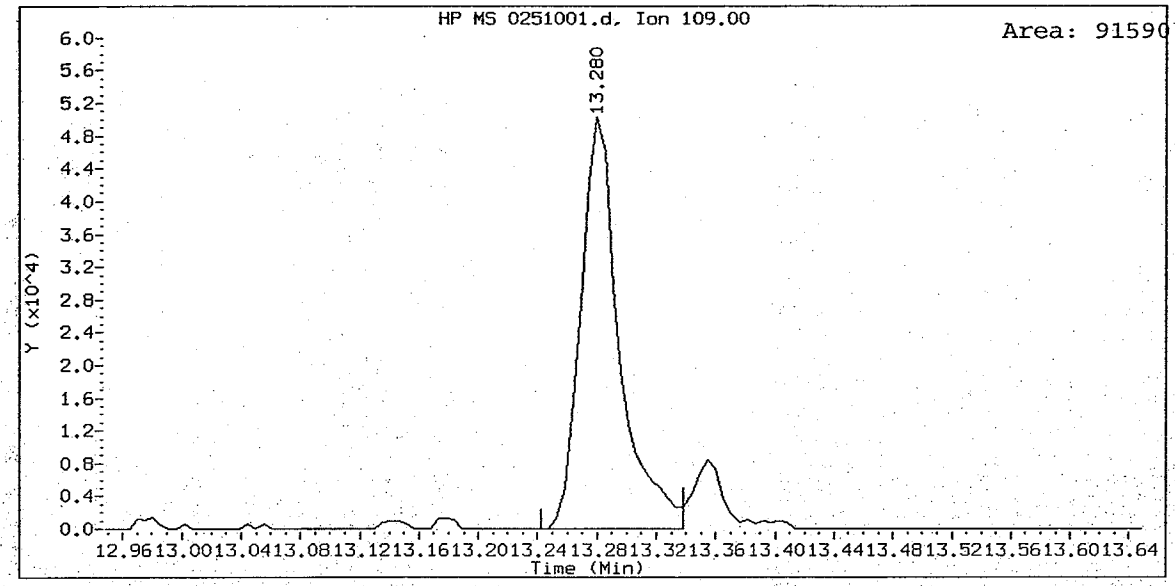
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
Benzoic acid Amount: 52.41

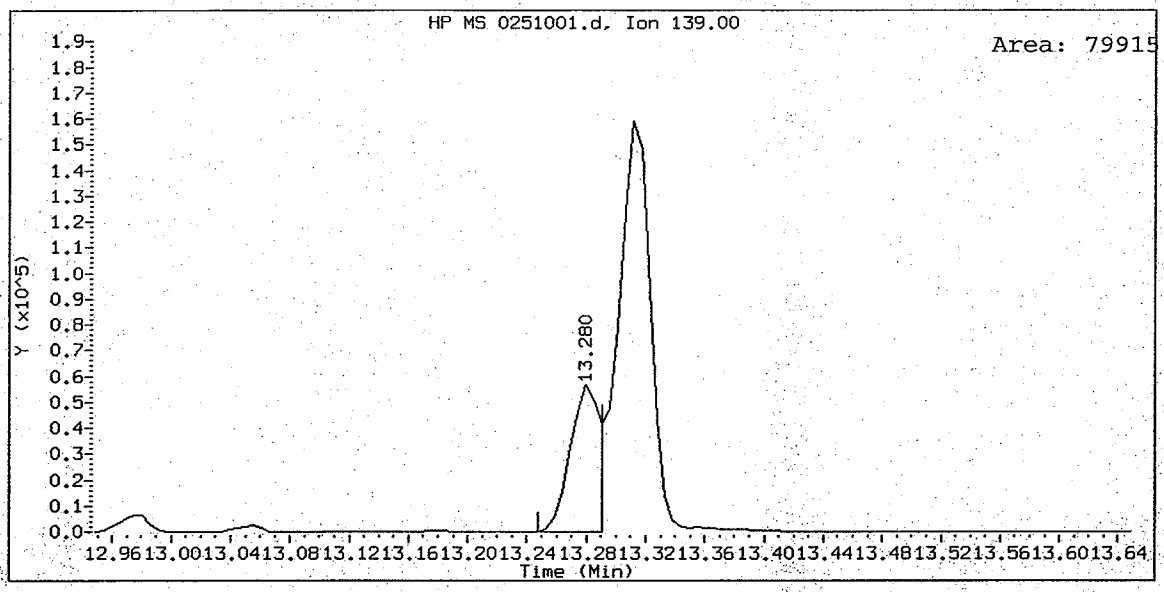


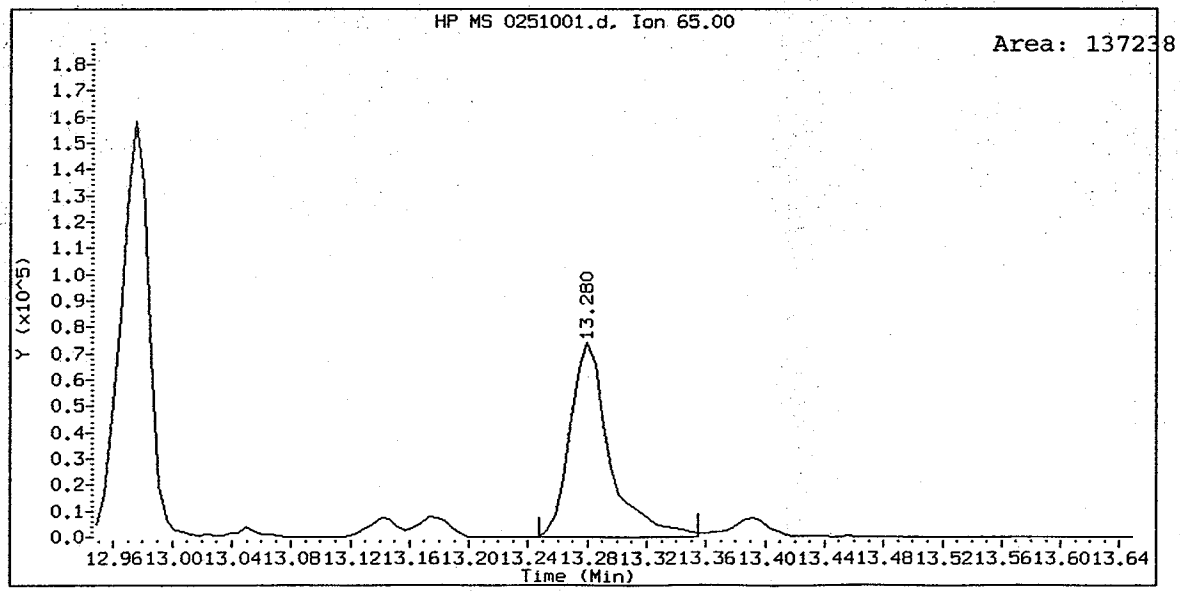




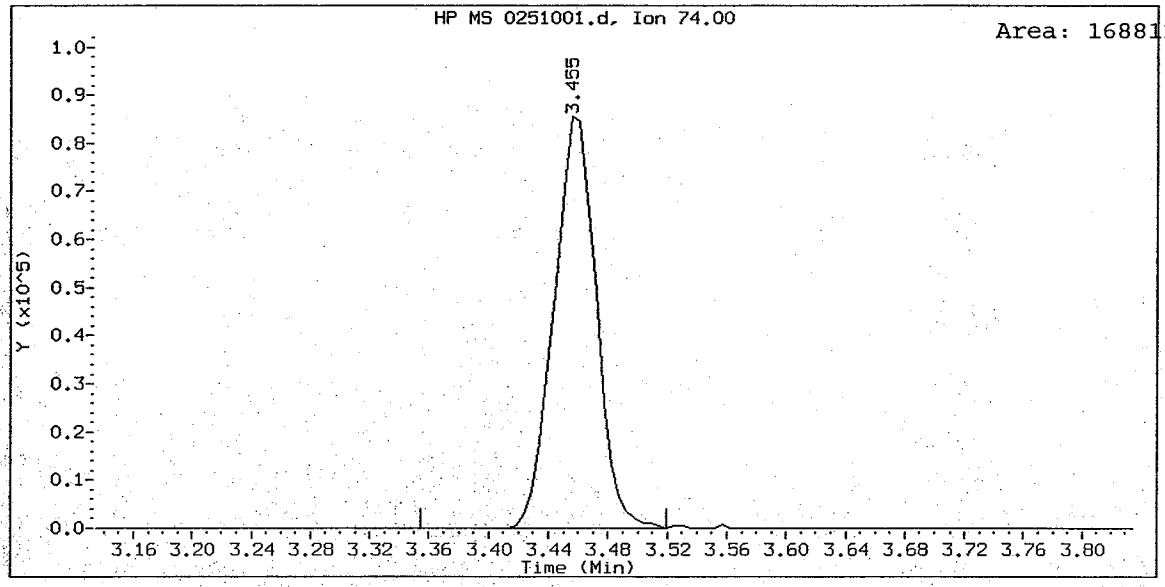
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
4-Nitrophenol Amount: 27.91

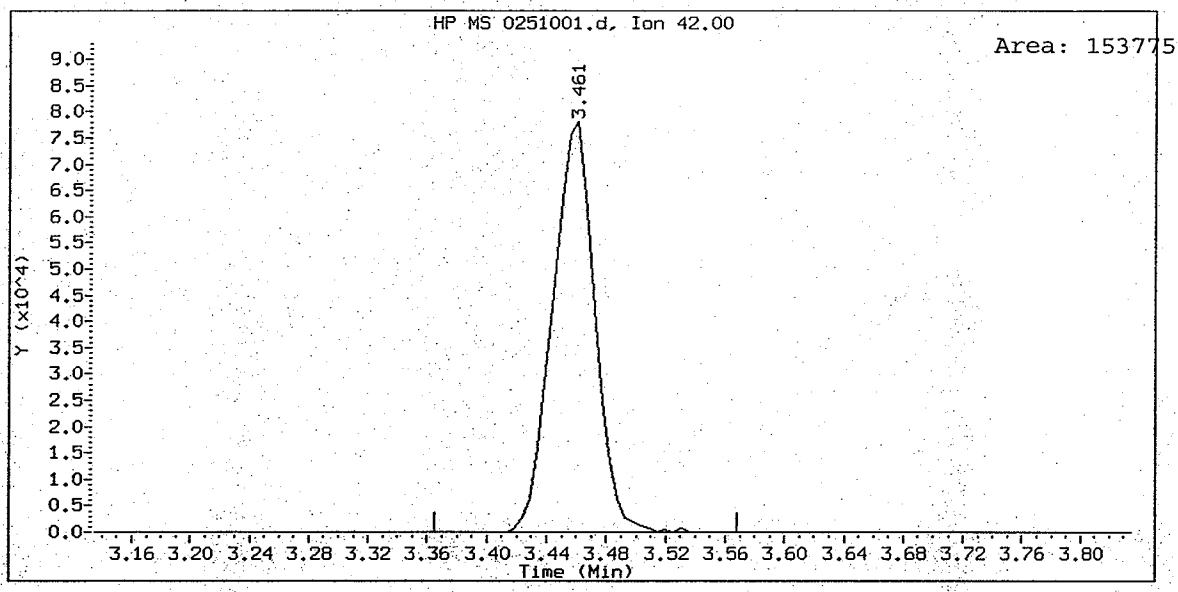




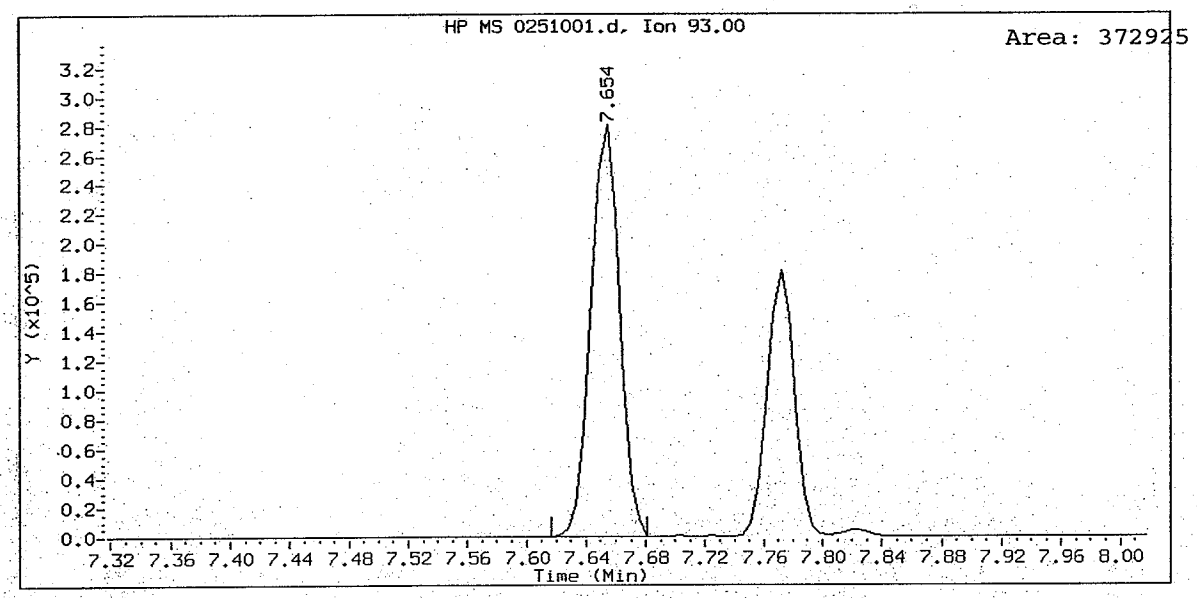


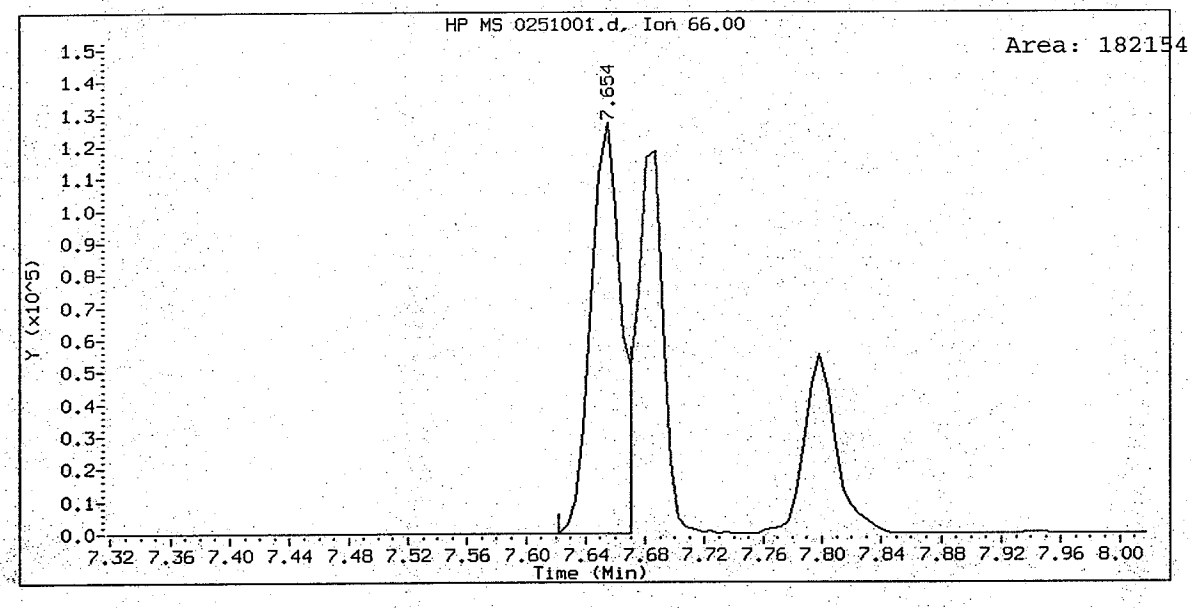
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
N-Nitrosodimethylamine Amount: 24.90

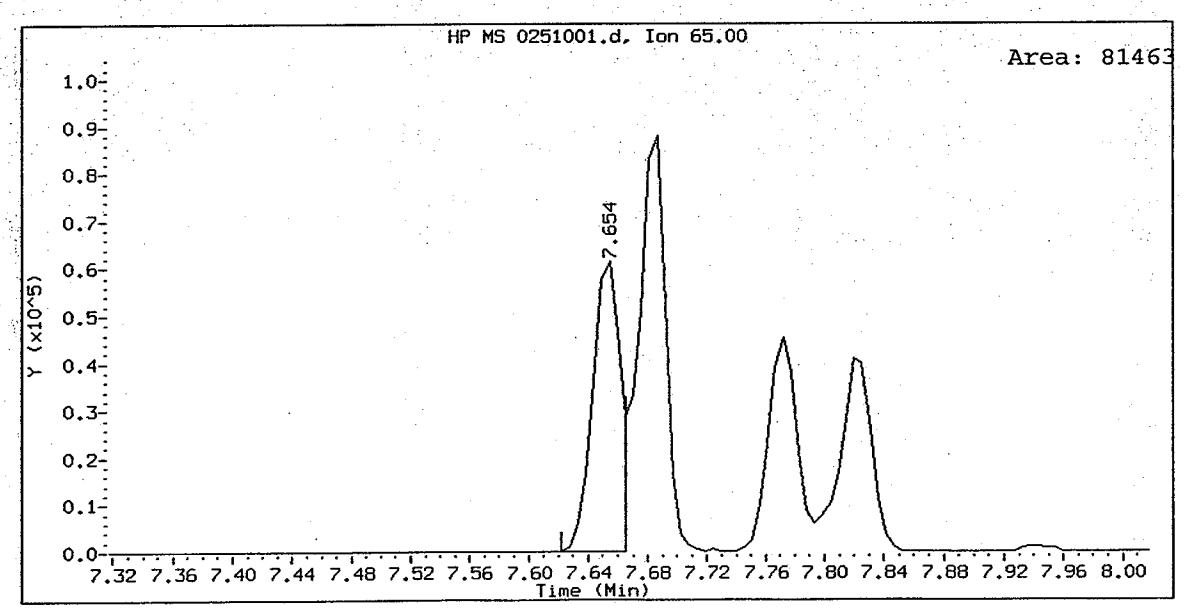




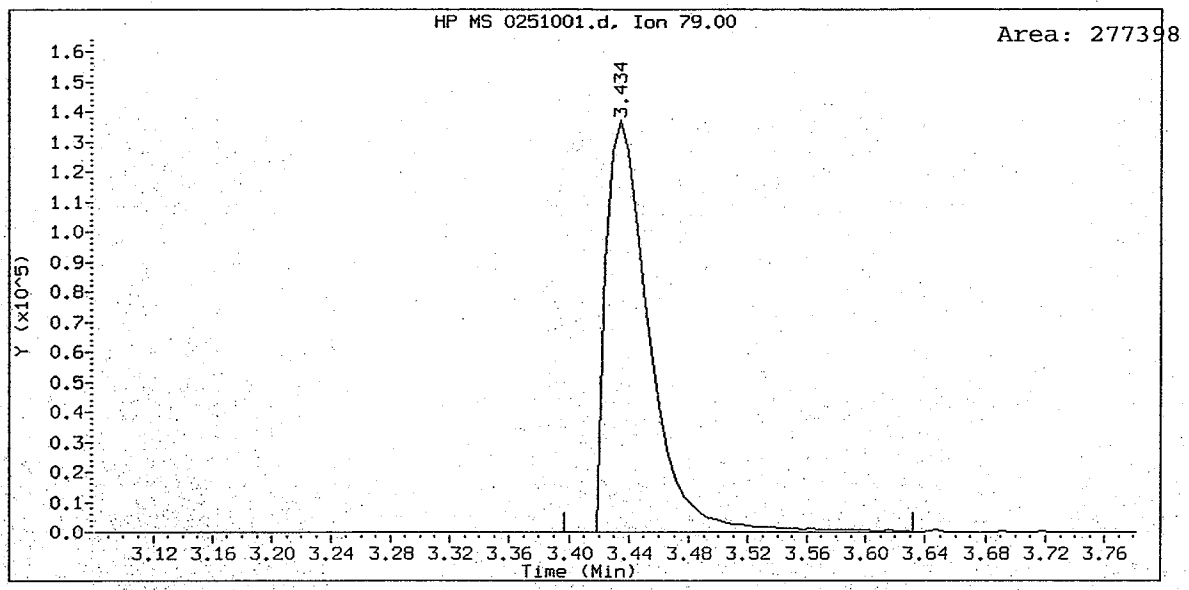
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
Aniline Amount: 25.20

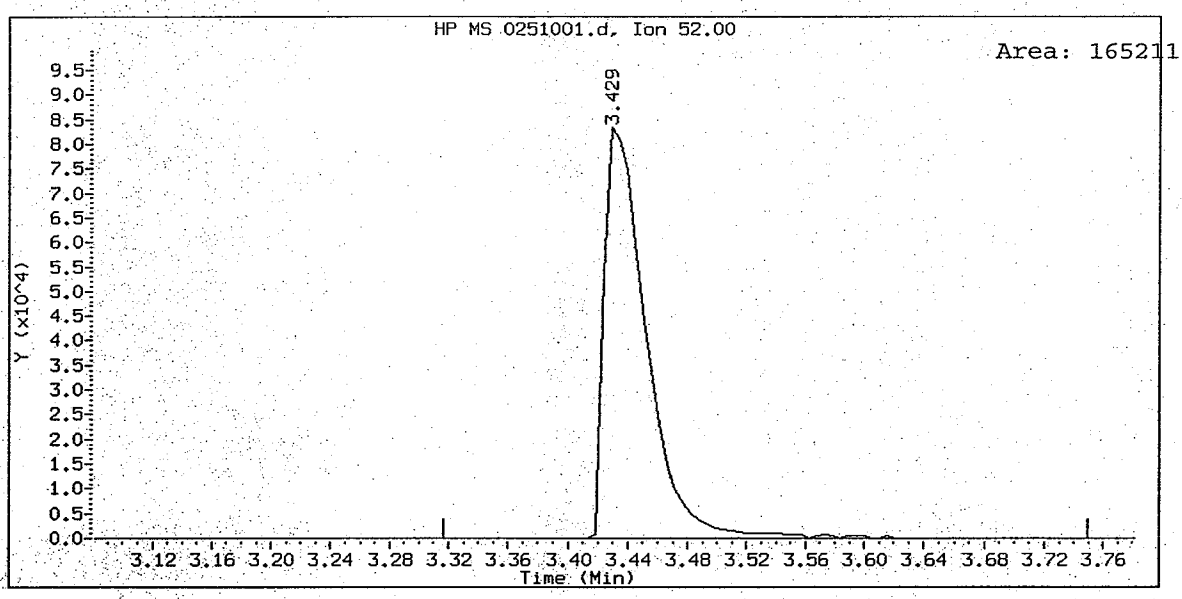




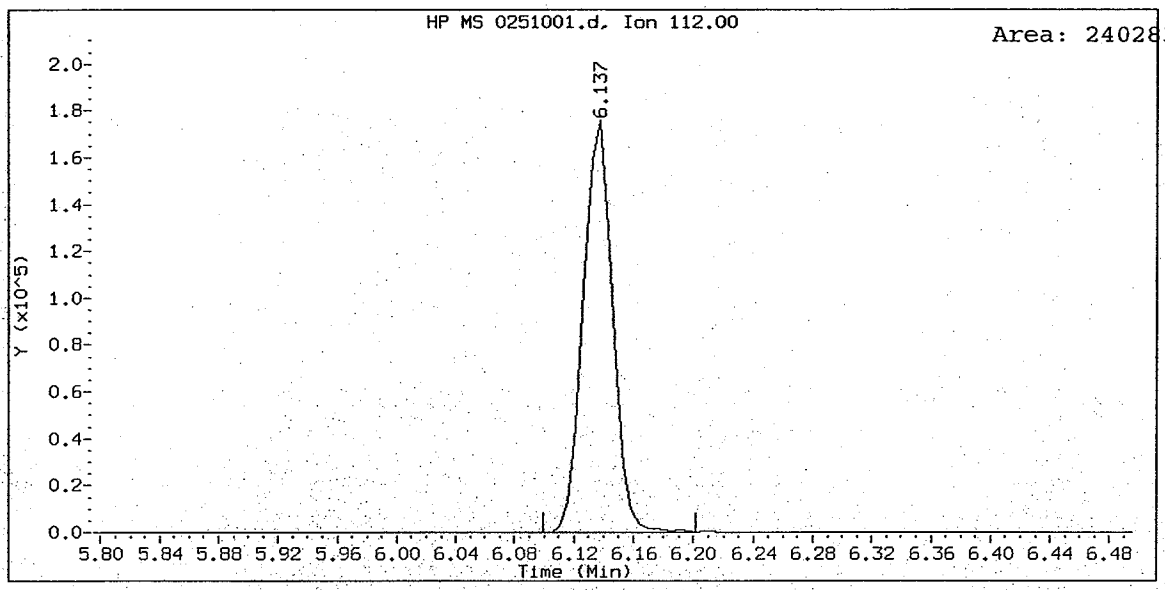


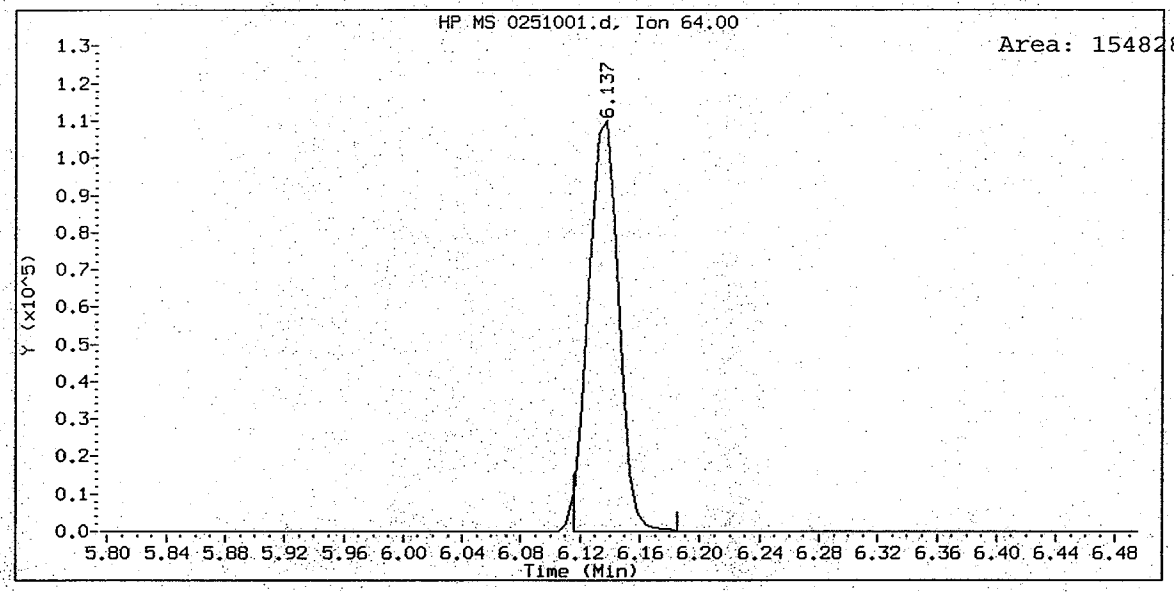
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
Pyridine Amount: 25.50



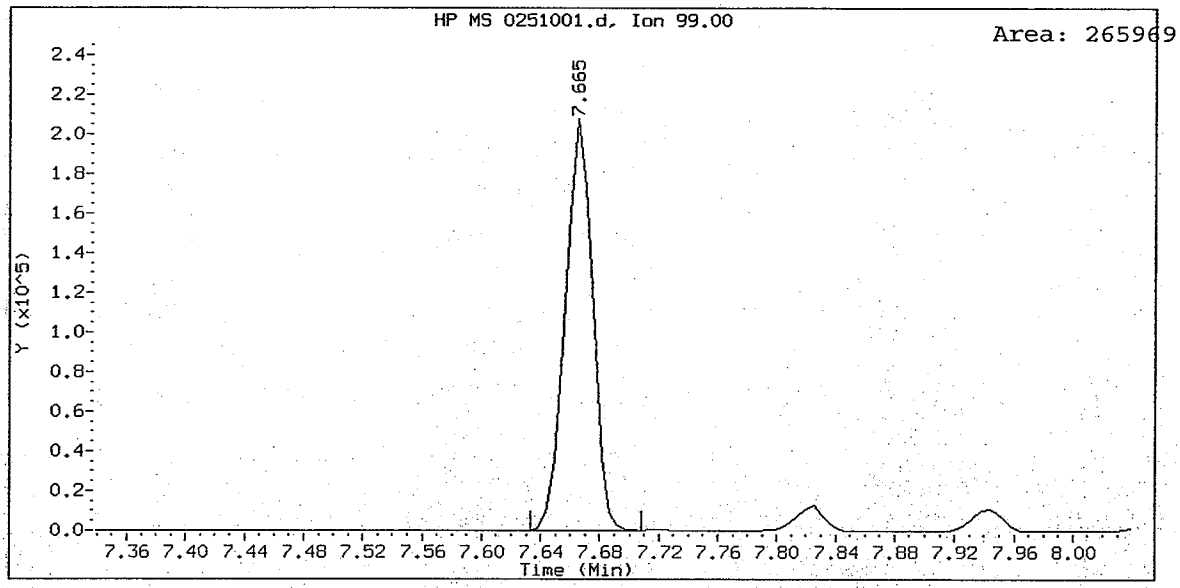


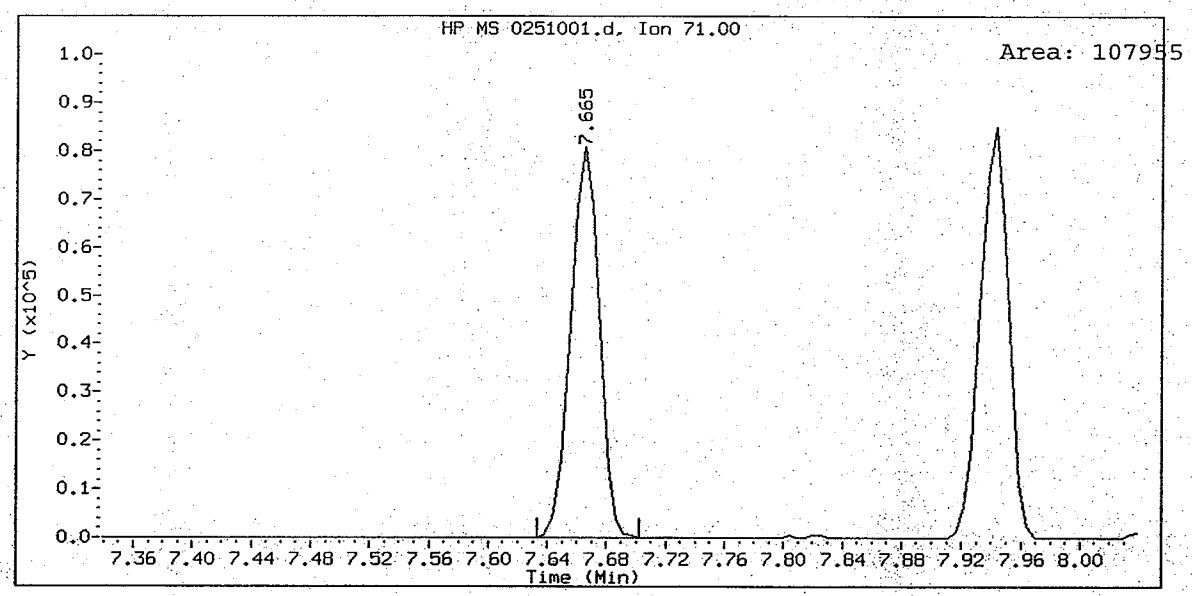
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
2-Fluorophenol Amount: 25.74

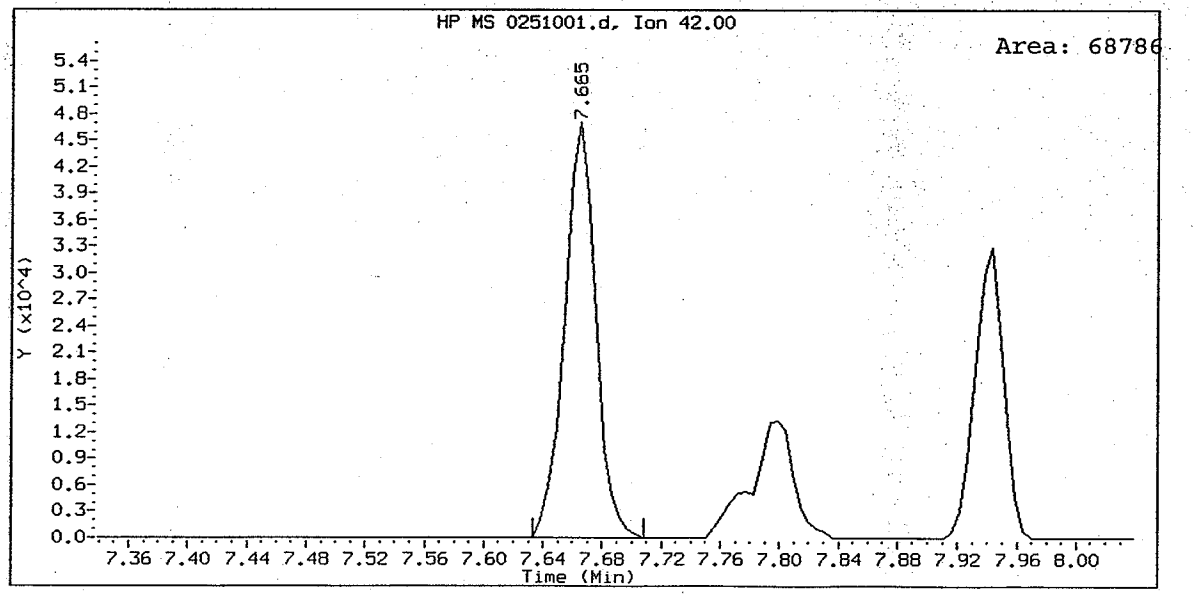




ABN 25, /chem3/nt4.i/20071001.b/0251001.d
Phenol-d5 Amount: 25.45







Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem3/nt4.i/20071001.b/ddt.b/0251001.d ARI ID:
Method: /chem3/nt4.i/20071001.b/ddt.b/sw846ddt.m Misc:
Analysis Date: 01-OCT-2007 10:31 Instrument: nt4.i

LJT 10/1/07

COMPOUND	RT	AREA
Pentachlorophenol	15.192	81073
Benzidine	17.596	333112
4,4'-DDE	----	----
4,4'-DDD	18.520	2188
4,4'-DDT	18.996	259077

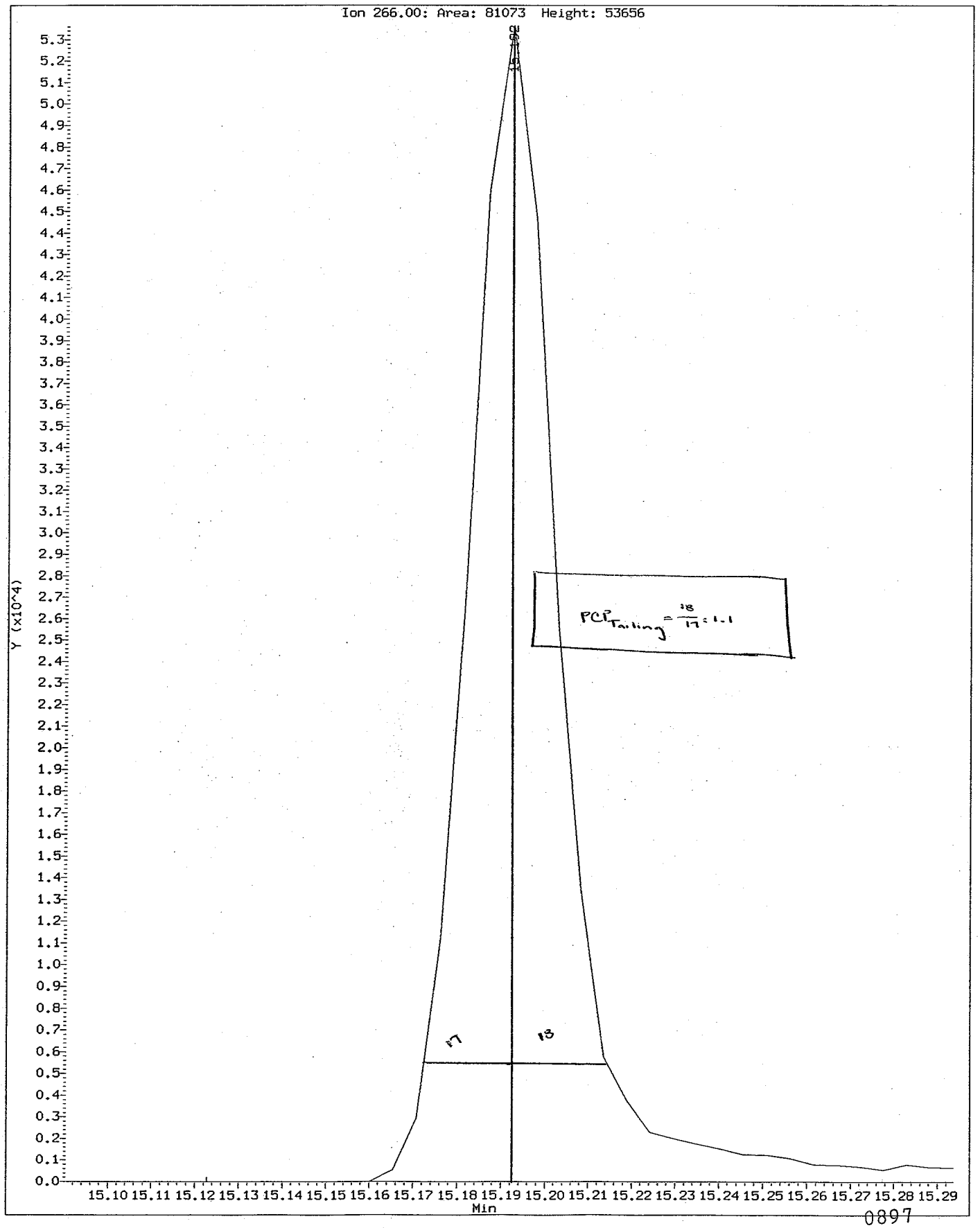
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(0 + 2188) * 100}{(0 + 2188 + 259077)}$$

DDT Percent Breakdown = 0.8 %

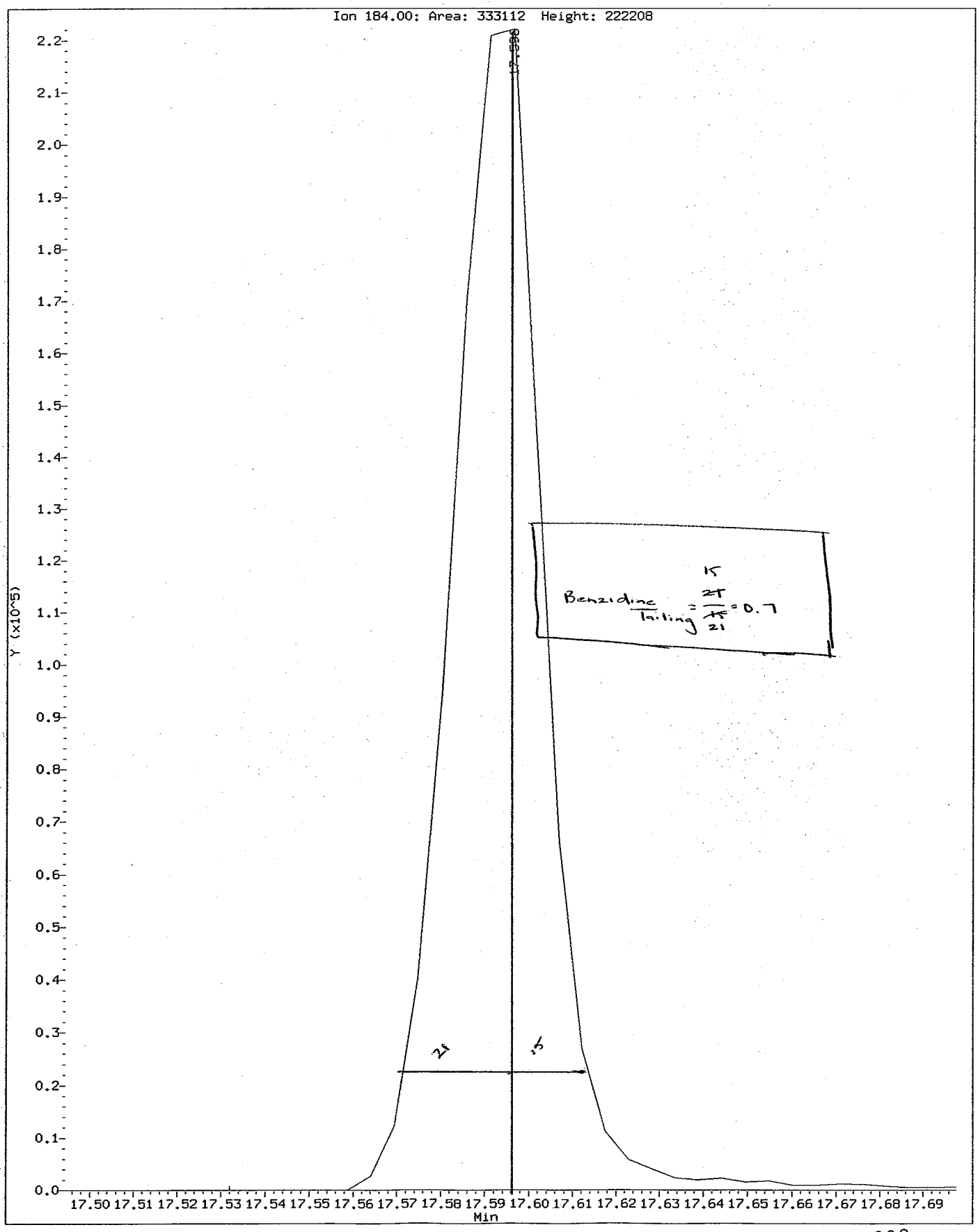
Data File: /chem3/nt4.i/20071001.b/ddt.b/0251001.d
Injection Date: 01-OCT-2007 10:31
Instrument: nt4.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem3/nt4.i/20071001.b/ddt.b/0251001.d
Injection Date: 01-OCT-2007 10:31
Instrument: nt4.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071001.b/0401001.d
Lab Smp Id: ABN 40 Client Smp ID: ABN 40
Inj Date : 01-OCT-2007 12:12
Operator : VTS Inst ID: nt4.i
Smp Info : ABN 40
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071001.b/SW846.m
Meth Date : 02-Oct-2007 10:17 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 12:12 Cal File: 0401001.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	6.137	6.144	(0.757)	366826	40.0000	39.66
$	2 Phenol-d5	99	7.670	7.687	(0.947)	409416	40.0000	39.55
	3 Phenol	94	7.692	7.709	(0.949)	472822	40.0000	38.46
$	5 2-Chlorophenol-d4	132	7.799	7.810	(0.962)	301050	40.0000	39.21
	4 Bis(2-Chloroethyl)ether	93	7.777	7.784	(0.960)	362606	40.0000	38.27
	6 2-Chlorophenol	128	7.825	7.837	(0.966)	338352	40.0000	38.23
	7 1,3-Dichlorobenzene	146	8.039	8.051	(0.992)	343876	40.0000	37.96
*	8 1,4-Dichlorobenzene-d4	152	8.103	8.110	(1.000)	109297	20.0000	
	9 1,4-Dichlorobenzene	146	8.130	8.136	(1.003)	348109	40.0000	38.13
$	10 1,2-Dichlorobenzene-d4	152	8.402	8.409	(1.037)	190975	40.0000	38.65
	12 1,2-Dichlorobenzene	146	8.424	8.430	(1.040)	327739	40.0000	38.33
	11 Benzyl alcohol	108	8.381	8.398	(1.034)	227978	40.0000	40.64
	14 2,2'-oxybis(1-Chloropropane)	45	8.648	8.654	(1.067)	449271	40.0000	39.08
	13 2-Methylphenol	108	8.616	8.633	(1.063)	325847	40.0000	40.12(M)
	17 Hexachloroethane	117	8.910	8.916	(1.100)	165979	40.0000	40.03
	16 N-Nitroso-di-n-propylamine	70	8.862	8.884	(1.094)	290171	40.0000	38.67
	15 4-Methylphenol	108	8.851	8.863	(1.092)	341837	40.0000	41.35
$	18 Nitrobenzene-d5	82	9.033	9.044	(0.890)	438549	40.0000	38.27
	19 Nitrobenzene	77	9.059	9.071	(0.893)	473432	40.0000	37.28
	20 Isophorone	82	9.444	9.461	(0.931)	785163	40.0000	39.19
	21 2-Nitrophenol	139	9.572	9.584	(0.944)	191637	40.0000	39.95
	22 2,4-Dimethylphenol	107	9.684	9.696	(0.955)	410145	40.0000	40.39
	23 Bis(2-Chloroethoxy)methane	93	9.834	9.846	(0.969)	463983	40.0000	38.59
	24 Benzoic acid	105	9.957	10.043	(0.982)	663868	80.0000	90.73(M)
	25 2,4-Dichlorophenol	162	9.957	9.969	(0.982)	275335	40.0000	40.17
	26 1,2,4-Trichlorobenzene	180	10.090	10.091	(0.995)	312494	40.0000	38.57
*	27 Naphthalene-d8	136	10.144	10.150	(1.000)	434450	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	10.176	10.182	(1.003)	1009496	40.0000	37.85
	29 4-Chloroaniline	127	10.315	10.326	(1.017)	434381	40.0000	38.66
	30 Hexachlorobutadiene	225	10.496	10.497	(1.035)	180952	40.0000	38.58
	31 4-Chloro-3-methylphenol	107	11.127	11.133	(1.097)	350757	40.0000	41.44
	32 2-Methylnaphthalene	141	11.292	11.299	(1.113)	522806	40.0000	38.48
	33 Hexachlorocyclopentadiene	237	11.677	11.678	(0.898)	184427	40.0000	42.37
	34 2,4,6-Trichlorophenol	196	11.811	11.817	(0.908)	190158	40.0000	39.50
	35 2,4,5-Trichlorophenol	196	11.864	11.870	(0.912)	203885	40.0000	39.57
$	36 2-Fluorobiphenyl	172	11.939	11.945	(0.918)	633295	40.0000	38.18
	37 2-Chloronaphthalene	162	12.072	12.079	(0.928)	593248	40.0000	37.79
	38 2-Nitroaniline	65	12.302	12.314	(0.946)	268114	40.0000	39.27
	39 Dimethylphthalate	163	12.681	12.693	(0.975)	656407	40.0000	38.42
	40 Acenaphthylene	152	12.751	12.757	(0.981)	911396	40.0000	38.79
	41 2,6-Dinitrotoluene	165	12.772	12.784	(0.982)	151171	40.0000	38.71
*	42 Acenaphthene-d10	164	13.002	13.008	(1.000)	240213	20.0000	
	43 3-Nitroaniline	138	12.980	12.998	(0.998)	185370	40.0000	40.37
	44 Acenaphthene	153	13.055	13.062	(1.004)	593861	40.0000	38.08
	45 2,4-Dinitrophenol	184	13.151	13.169	(1.012)	213049	80.0000	97.97
	46 Dibenzofuran	168	13.317	13.329	(1.024)	763921	40.0000	37.61
	47 4-Nitrophenol	109	13.285	13.297	(1.022)	139188	40.0000	42.91 (M)
	48 2,4-Dinitrotoluene	165	13.397	13.409	(1.030)	200220	40.0000	38.78
	50 Diethylphthalate	149	13.841	13.852	(1.064)	648616	40.0000	38.70
	49 Fluorene	166	13.873	13.879	(1.067)	661898	40.0000	38.19
	51 4-Chlorophenyl-phenylether	204	13.894	13.900	(1.069)	319686	40.0000	37.61
	52 4-Nitroaniline	138	13.979	14.007	(1.075)	185819	40.0000	40.52
	53 4,6-Dinitro-2-methylphenol	198	14.054	14.077	(0.914)	267976	80.0000	88.92
	54 N-Nitrosodiphenylamine	169	14.102	14.114	(0.917)	353185	40.0000	38.77
$	55 2,4,6-Tribromophenol	330	14.295	14.301	(1.099)	85278	40.0000	41.24
	56 4-Bromophenyl-phenylether	248	14.674	14.686	(0.954)	176221	40.0000	38.30
	57 Hexachlorobenzene	284	14.898	14.905	(0.969)	180634	40.0000	37.76
	58 Pentachlorophenol	266	15.192	15.204	(0.988)	118304	40.0000	42.32
*	59 Phenanthrene-d10	188	15.374	15.380	(1.000)	370656	20.0000	
	60 Phenanthrene	178	15.411	15.423	(1.002)	951826	40.0000	37.16
	61 Anthracene	178	15.486	15.492	(1.007)	974950	40.0000	37.64
	62 Carbazole	167	15.769	15.775	(1.026)	855500	40.0000	38.60
	63 Di-n-butylphthalate	149	16.485	16.491	(1.072)	1049219	40.0000	39.38
	64 Fluoranthene	202	17.350	17.357	(1.129)	1059807	40.0000	38.21
	65 Pyrene	202	17.703	17.715	(0.899)	1099382	40.0000	39.72
$	66 Terphenyl-d14	244	18.018	18.025	(0.915)	648881	40.0000	40.61
	67 Butylbenzylphthalate	149	18.905	18.911	(0.960)	487690	40.0000	42.03
	68 Benzo(a)anthracene	228	19.663	19.675	(0.999)	1016542	40.0000	39.60
*	69 Chrysene-d12	240	19.690	19.702	(1.000)	345387	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.674	19.686	(0.999)	351268	40.0000	38.54
	71 Chrysene	228	19.733	19.750	(1.002)	957143	40.0000	37.91
	72 bis(2-Ethylhexyl)phthalate	149	19.899	19.905	(0.955)	686939	40.0000	41.94
*	134 Di-n-octylphthalate-d4	153	20.833	20.840	(1.000)	519831	20.0000	
	73 Di-n-octylphthalate	149	20.844	20.851	(1.000)	1133455	40.0000	37.85

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	21.320	21.347	(0.976)	949548	40.0000	37.81(H)
75	Benzo(k)fluoranthene	252	21.357	21.379	(0.978)	1046868	40.0000	39.46
76	Benzo(a)pyrene	252	21.768	21.791	(0.997)	892548	40.0000	39.91
* 77	Perylene-d12	264	21.843	21.849	(1.000)	368819	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	23.366	23.393	(1.070)	1003513	40.0000	40.83
79	Dibenzo(a,h)anthracene	278	23.387	23.425	(1.071)	839003	40.0000	41.56
80	Benzo(g,h,i)perylene	276	23.788	23.826	(1.089)	896937	40.0000	40.51
90	N-Nitrosodimethylamine	74	3.461	3.483	(0.427)	259410	40.0000	38.62
103	Pyridine	79	3.429	3.430	(0.423)	422411	40.0000	39.20
91	Aniline	93	7.654	7.666	(0.945)	573323	40.0000	39.10
105	1-methylnaphthalene	141	11.463	11.470	(1.130)	526371	40.0000	38.25
93	Benzidine	184	17.596	17.602	(0.894)	445124	40.0000	38.58
111	Azobenzene (1,2-DP-Hydrazine)	77	14.150	14.157	(1.088)	883670	40.0000	38.00
144	alpha-Terpineol	59	10.208	10.214	(1.006)	302575	40.0000	39.17
143	1,4-Dioxane	88	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
133	Butylatedhydroxytoluene	205	13.178	13.185	(1.014)	505538	40.0000	37.34
115	Tributyl Phosphate	99	14.204	14.221	(0.924)	897573	40.0000	39.03
116	Dibutyl Phenyl Phosphate	175	15.929	15.930	(1.036)	507806	40.0000	40.36
117	Butyl Diphenyl Phosphate	94	17.612	17.619	(0.894)	224577	40.0000	41.51
118	Triphenyl Phosphate	326	19.215	19.226	(0.976)	156519	40.0000	41.14
123	Acetophenone	105	8.798	8.809	(1.086)	460913	40.0000	39.06
170	Pentachlorobenzene	250	13.360	13.366	(1.028)	211579	40.0000	36.59

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: nt4.i
Lab File ID: 0401001.d
Lab Smp Id: ABN 40
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071001.b/SW846.m
Misc Info:

Calibration Date: 01-OCT-2007
Calibration Time: 10:31
Client Smp ID: ABN 40
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	110324	55162	220648	109297	-0.93
27 Naphthalene-d8	430280	215140	860560	434450	0.97
42 Acenaphthene-d10	242988	121494	485976	240213	-1.14
59 Phenanthrene-d10	380514	190257	761028	370656	-2.59
69 Chrysene-d12	406554	203277	813108	345387	-15.05
134 Di-n-octylphthala	598971	299486	1197942	519831	-13.21
77 Perylene-d12	429313	214656	858626	368819	-14.09

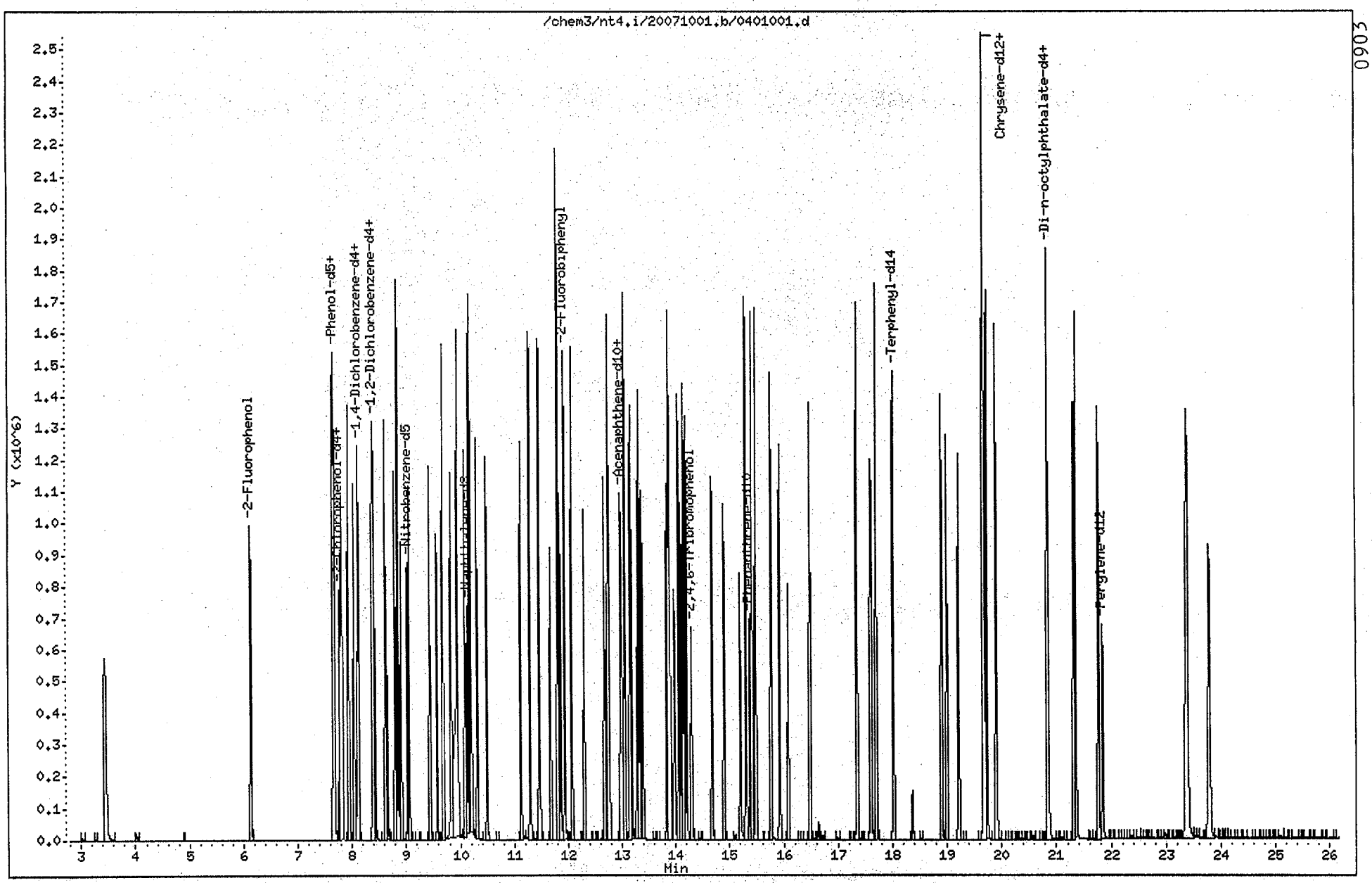
		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.10	7.60	8.60	8.10	0.00
27 Naphthalene-d8	10.14	9.64	10.64	10.14	0.00
42 Acenaphthene-d10	13.00	12.50	13.50	13.00	0.00
59 Phenanthrene-d10	15.37	14.87	15.87	15.37	0.00
69 Chrysene-d12	19.69	19.19	20.19	19.69	0.00
134 Di-n-octylphthala	20.83	20.33	21.33	20.83	0.00
77 Perylene-d12	21.84	21.34	22.34	21.84	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/nt4.i/20071001.b/0401001.d
Date : 01-OCT-2007 12:12
Client ID: ABN 40
Sample Info: ABN 40

Instrument: nt4.i
Operator: VTS
Column diameter: 0.32

Column phase: ZB-5



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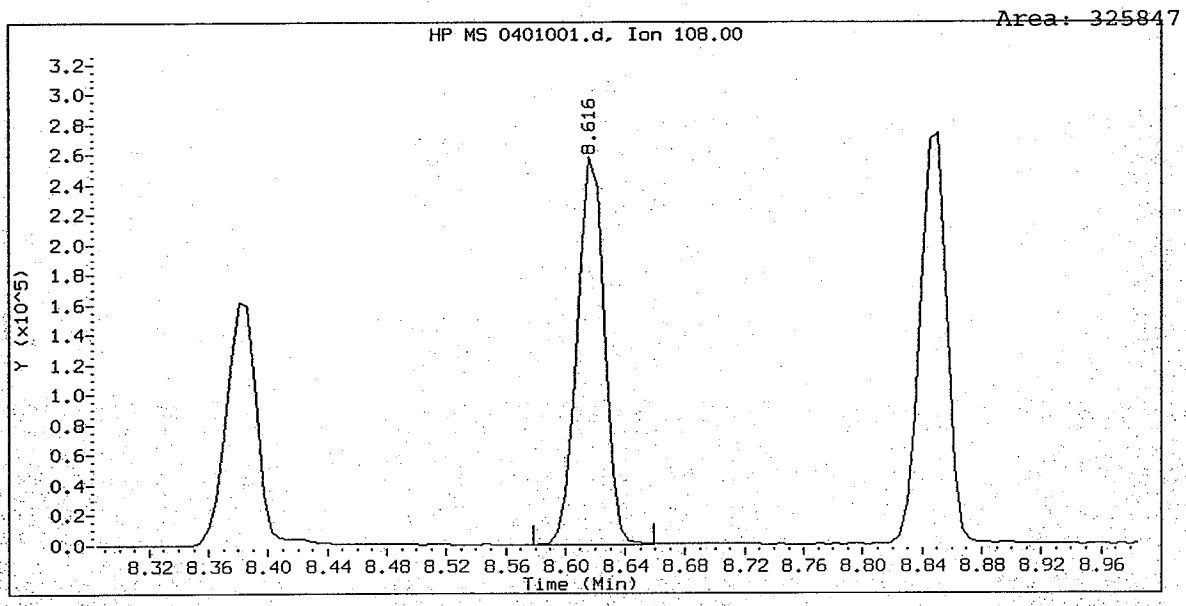
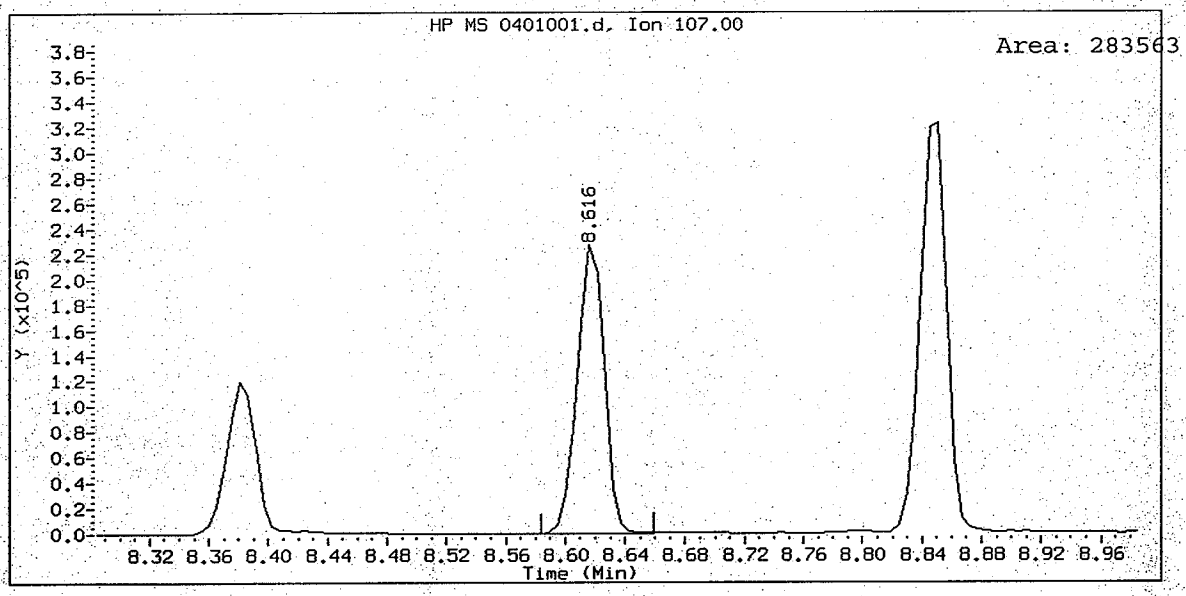
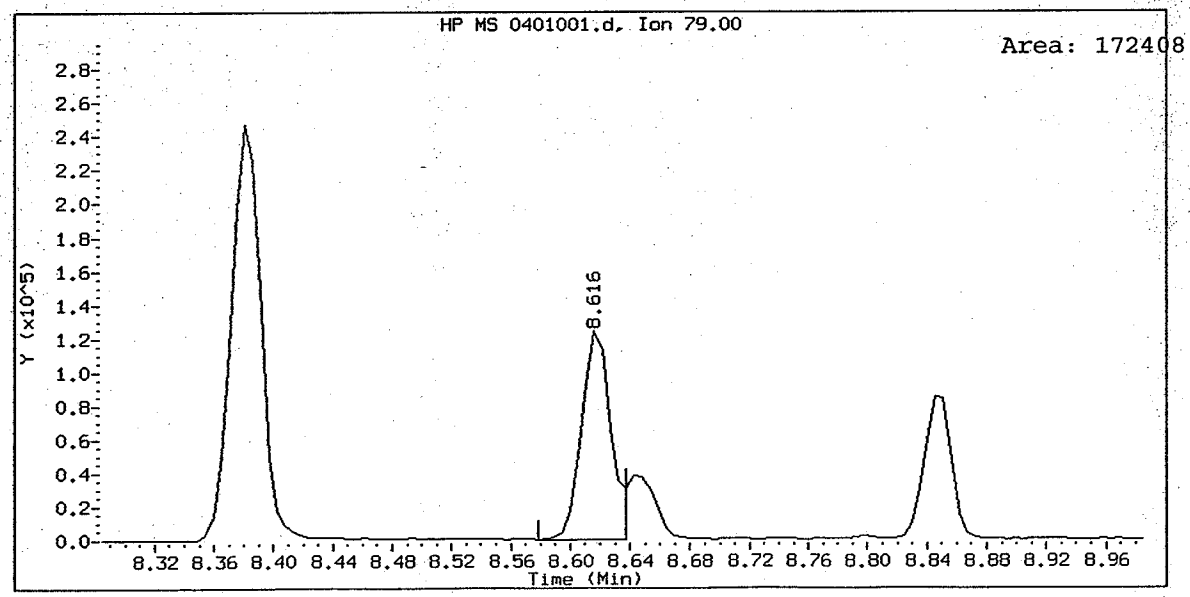
2-Methylphenol Amount: 40.12







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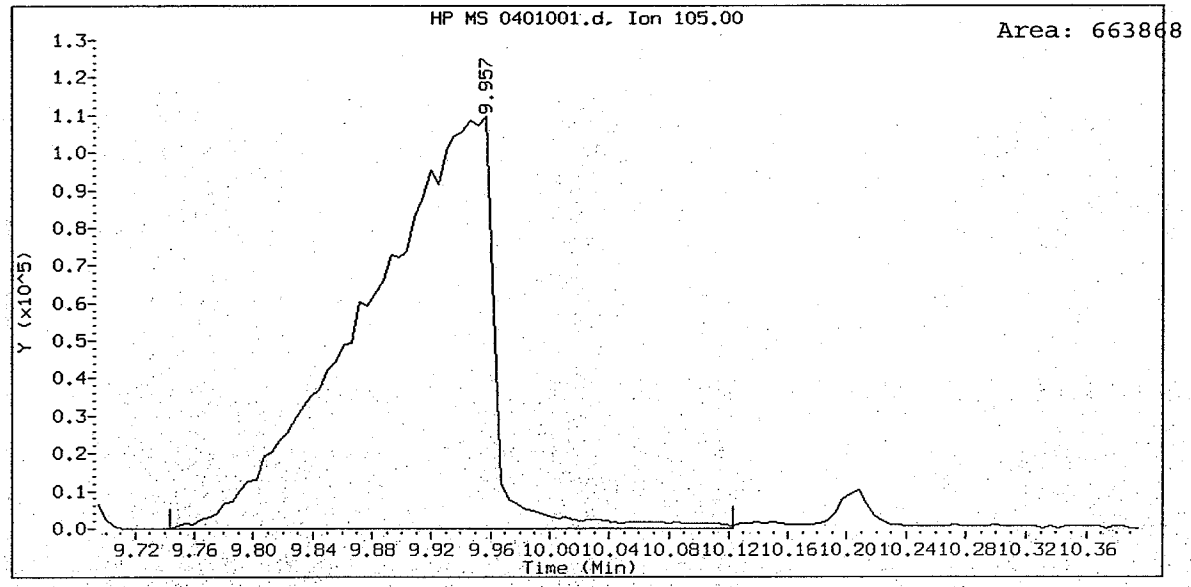
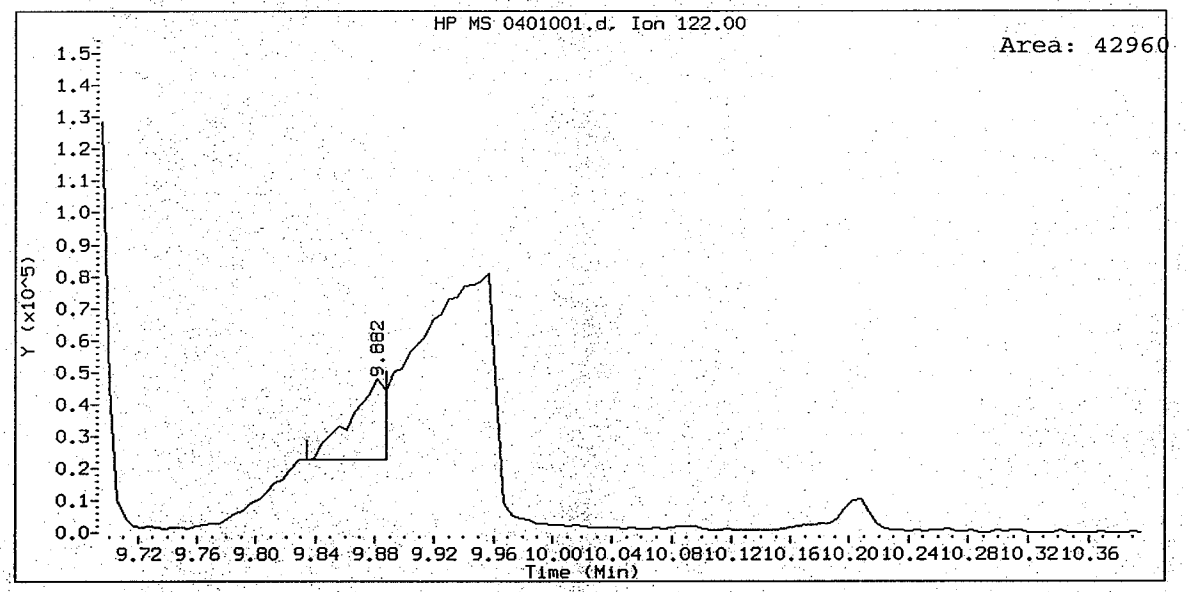
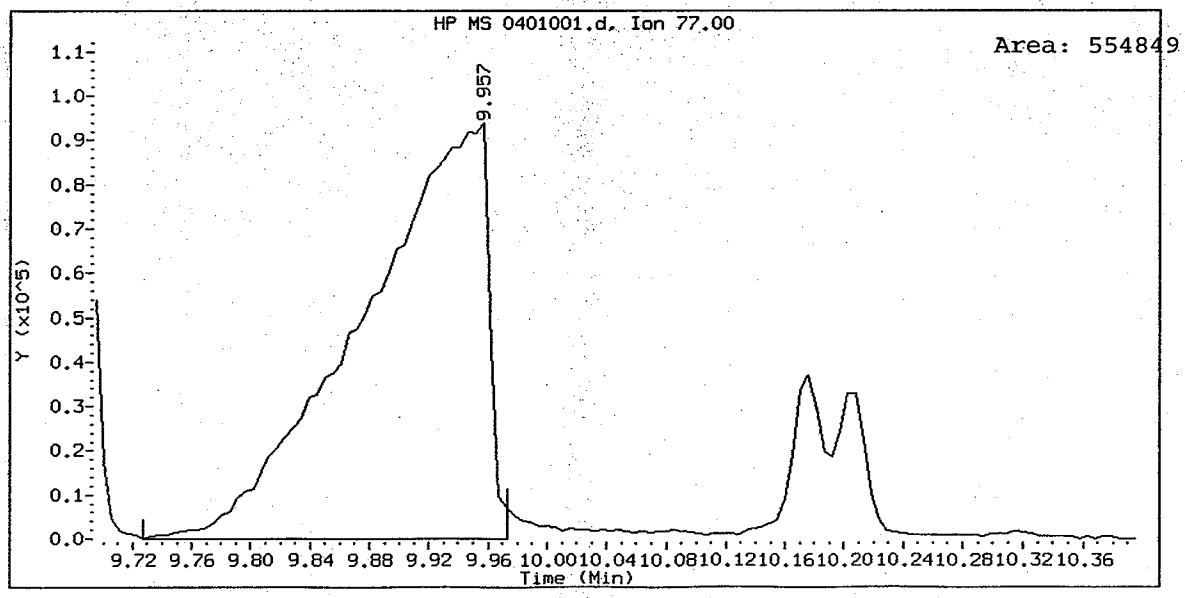
Benzoic acid Amount: 90.73







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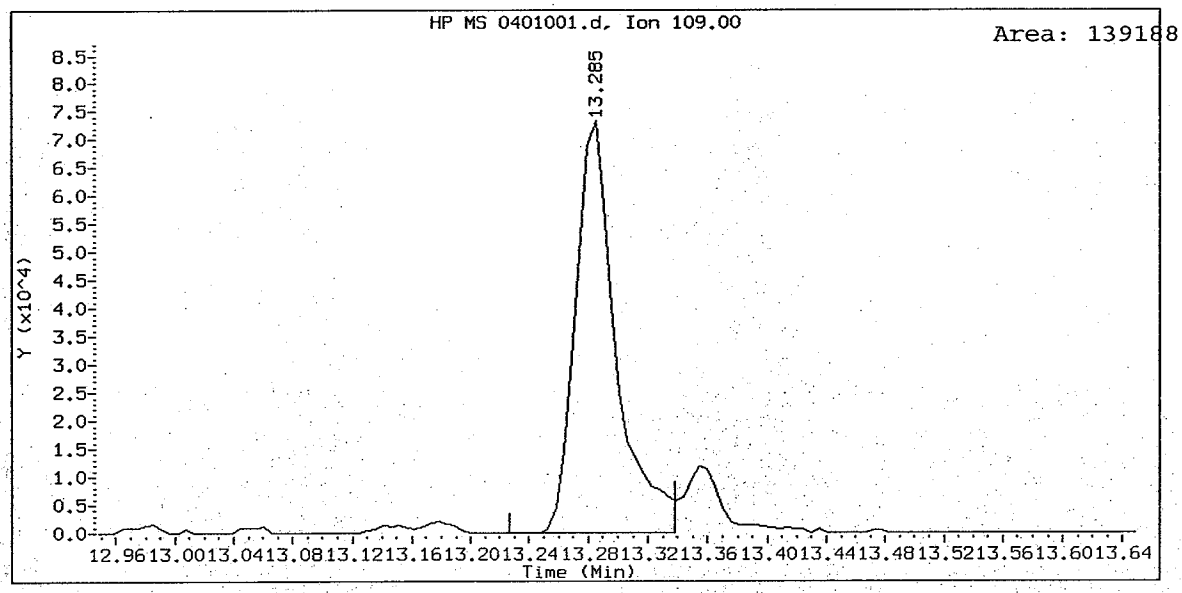
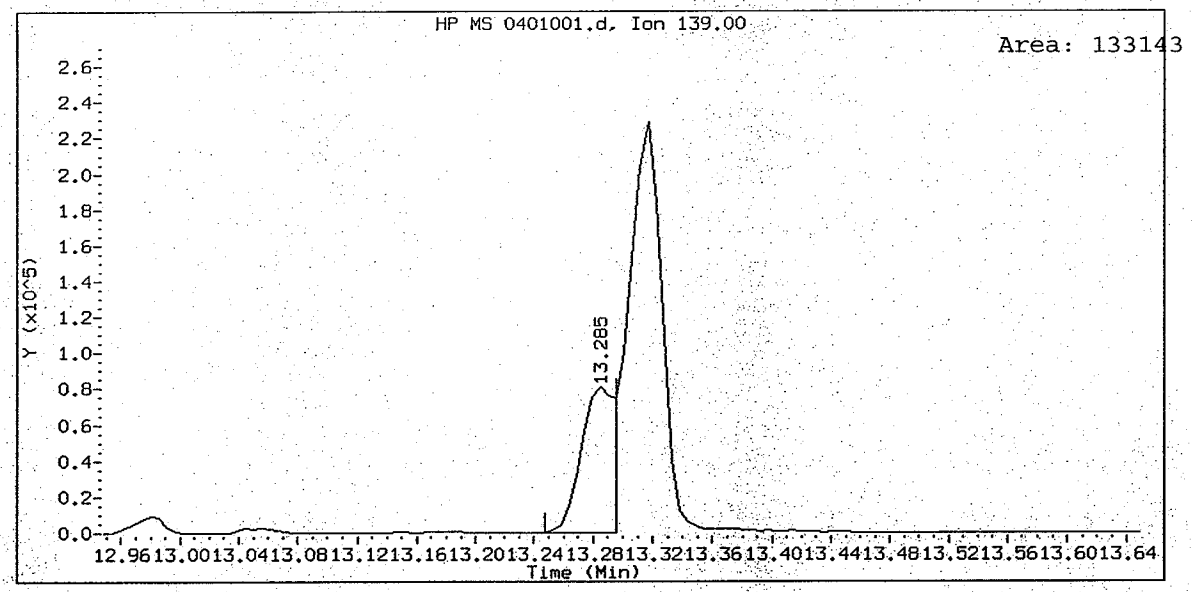
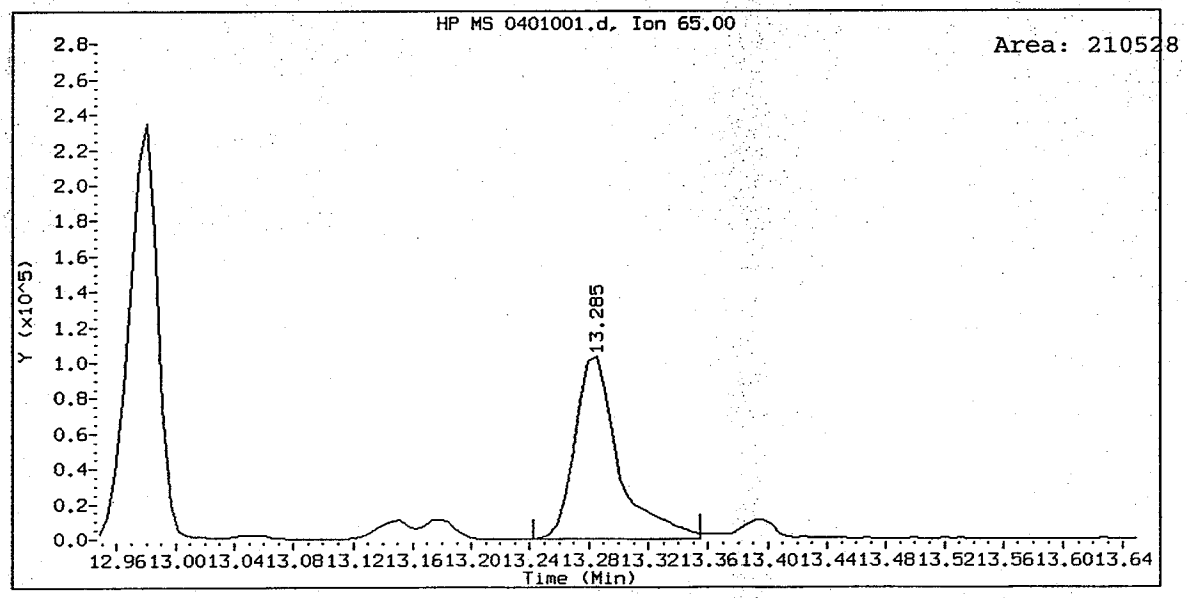
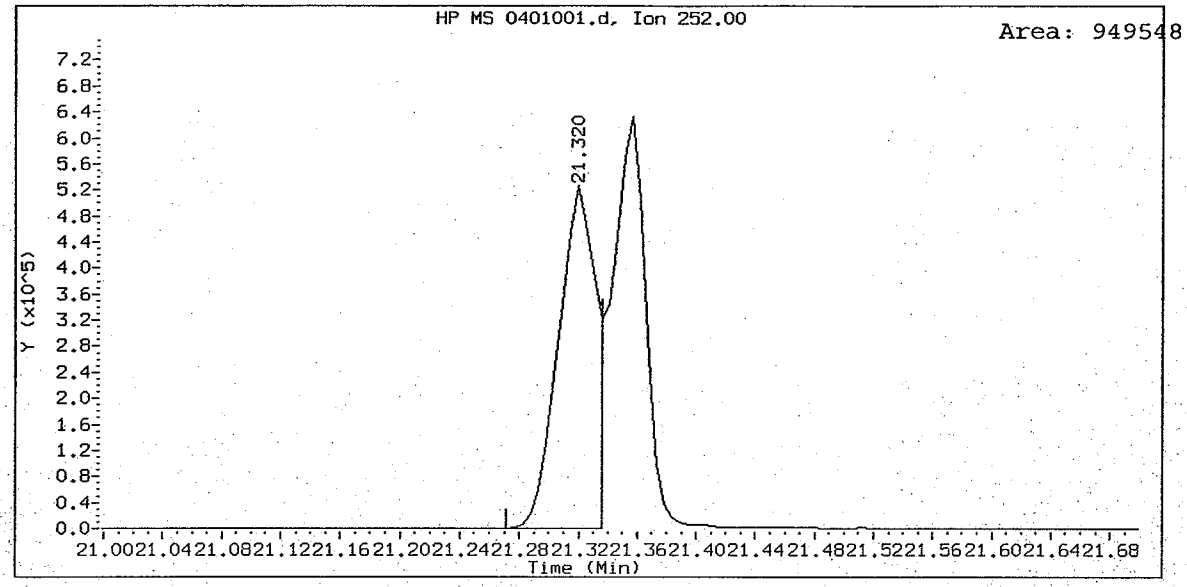
4-Nitrophenol Amount: 42.91

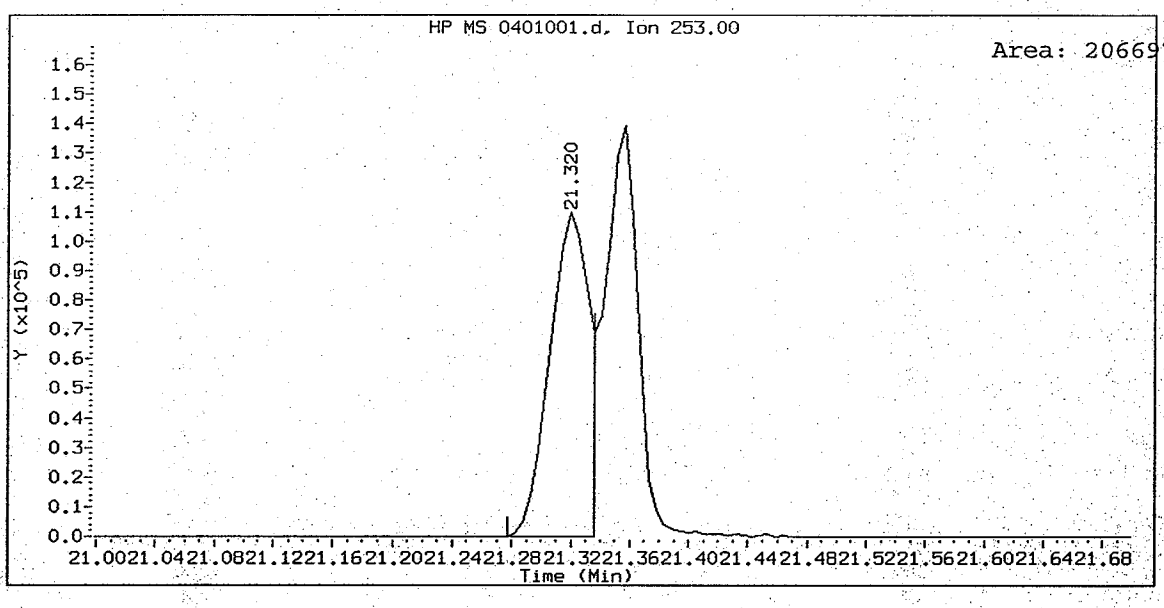


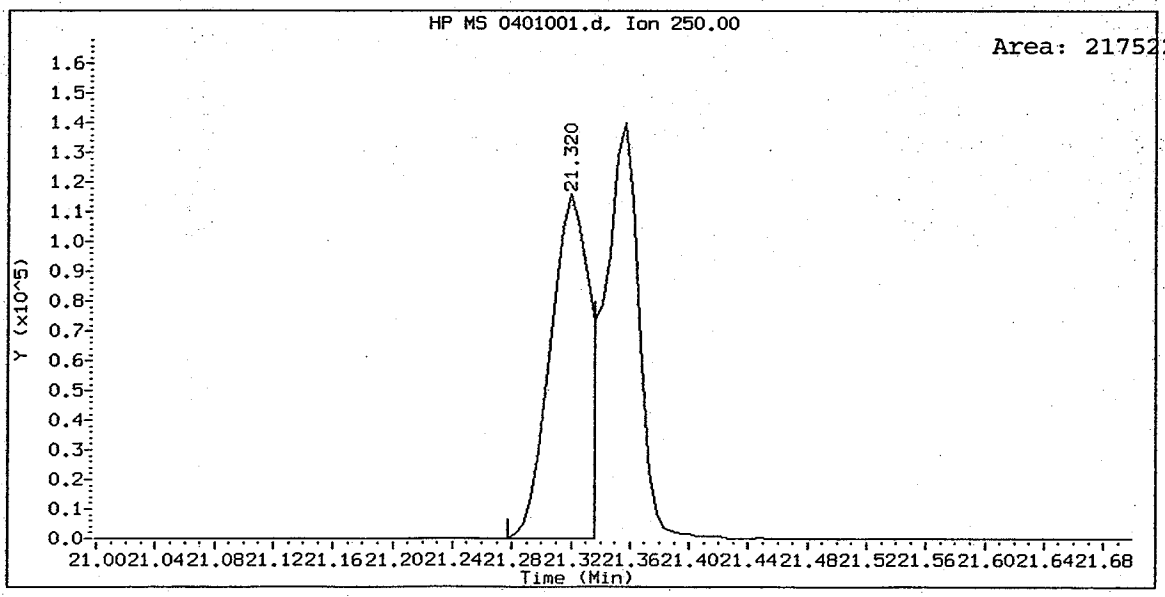




ABN 40, /chem3/nt4.i/20071001.b/0401001.d
Benzo(b)fluoranthene Amount: 37.81







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071001.b/0801001.d
Lab Smp Id: ABN 80 Client Smp ID: ABN 80
Inj Date : 01-OCT-2007 11:04
Operator : VTS Inst ID: nt4.i
Smp Info : ABN 80
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071001.b/SW846.m
Meth Date : 02-Oct-2007 10:17 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04 Cal File: 0801001.d
Als bottle: 2 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

LJK 10/2/07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.144	6.144	(0.758)	847459	80.0000	69.33
$	2 Phenol-d5	99	7.687	7.687	(0.948)	931880	80.0000	68.11
	3 Phenol	94	7.709	7.709	(0.951)	1157931	80.0000	71.26
$	5 2-Chlorophenol-d4	132	7.810	7.810	(0.963)	724738	80.0000	71.41
	4 Bis(2-Chloroethyl)ether	93	7.784	7.784	(0.960)	863554	80.0000	68.97
	6 2-Chlorophenol	128	7.837	7.837	(0.966)	825580	80.0000	70.58
	7 1,3-Dichlorobenzene	146	8.051	8.051	(0.993)	867937	80.0000	72.49
*	8 1,4-Dichlorobenzene-d4	152	8.110	8.110	(1.000)	144455	20.0000	
	9 1,4-Dichlorobenzene	146	8.136	8.136	(1.003)	885742	80.0000	73.40
$	10 1,2-Dichlorobenzene-d4	152	8.409	8.409	(1.037)	474730	80.0000	72.70
	12 1,2-Dichlorobenzene	146	8.430	8.430	(1.040)	813468	80.0000	71.97
	11 Benzyl alcohol	108	8.398	8.398	(1.036)	573219	80.0000	77.31
	14 2,2'-oxybis(1-Chloropropane)	45	8.654	8.654	(1.067)	1104745	80.0000	72.70
	13 2-Methylphenol	108	8.633	8.633	(1.065)	805857	80.0000	75.08(M)
	17 Hexachloroethane	117	8.916	8.916	(1.099)	403407	80.0000	73.62
	16 N-Nitroso-di-n-propylamine	70	8.884	8.884	(1.096)	712465	80.0000	71.84
	15 4-Methylphenol	108	8.863	8.863	(1.093)	819642	80.0000	75.02
$	18 Nitrobenzene-d5	82	9.044	9.044	(0.891)	1036284	80.0000	74.23
	19 Nitrobenzene	77	9.071	9.071	(0.894)	1085609	80.0000	70.18
	20 Isophorone	82	9.461	9.461	(0.932)	1795229	80.0000	73.55
	21 2-Nitrophenol	139	9.584	9.584	(0.944)	442997	80.0000	75.81
	22 2,4-Dimethylphenol	107	9.696	9.696	(0.955)	903068	80.0000	73.00
	23 Bis(2-Chloroethoxy)methane	93	9.846	9.846	(0.970)	1038390	80.0000	70.89
	24 Benzoic acid	105	10.043	10.043	(0.989)	1575835	160.000	176.8(M)
	25 2,4-Dichlorophenol	162	9.969	9.969	(0.982)	640479	80.0000	76.71
	26 1,2,4-Trichlorobenzene	180	10.091	10.091	(0.994)	705446	80.0000	71.47
*	27 Naphthalene-d8	136	10.150	10.150	(1.000)	529257	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	10.182	10.182	(1.003)	2293959	80.0000	70.60
	29 4-Chloroaniline	127	10.326	10.326	(1.017)	1007509	80.0000	73.61
	30 Hexachlorobutadiene	225	10.497	10.497	(1.034)	402506	80.0000	70.44
	31 4-Chloro-3-methylphenol	107	11.133	11.133	(1.097)	771396	80.0000	74.82
	32 2-Methylnaphthalene	141	11.299	11.299	(1.113)	1178941	80.0000	71.23
	33 Hexachlorocyclopentadiene	237	11.678	11.678	(0.898)	438673	80.0000	88.60
	34 2,4,6-Trichlorophenol	196	11.817	11.817	(0.908)	430186	80.0000	78.56
	35 2,4,5-Trichlorophenol	196	11.870	11.870	(0.913)	466891	80.0000	79.65
$	36 2-Fluorobiphenyl	172	11.945	11.945	(0.918)	1437150	80.0000	76.17
	37 2-Chloronaphthalene	162	12.079	12.079	(0.929)	1336688	80.0000	74.86
	38 2-Nitroaniline	65	12.314	12.314	(0.947)	606762	80.0000	78.12
	39 Dimethylphthalate	163	12.693	12.693	(0.976)	1433914	80.0000	73.78
	40 Acenaphthylene	152	12.757	12.757	(0.981)	1997010	80.0000	74.73
	41 2,6-Dinitrotoluene	165	12.784	12.784	(0.983)	349474	80.0000	78.67
*	42 Acenaphthene-d10	164	13.008	13.008	(1.000)	273258	20.0000	
	43 3-Nitroaniline	138	12.998	12.998	(0.999)	413179	80.0000	79.10
	44 Acenaphthene	153	13.062	13.062	(1.004)	1329967	80.0000	74.97
	45 2,4-Dinitrophenol	184	13.169	13.169	(1.012)	547991	160.000	221.5
	46 Dibenzofuran	168	13.329	13.329	(1.025)	1730192	80.0000	74.88
	47 4-Nitrophenol	109	13.297	13.297	(1.022)	274892	80.0000	74.50(M)
	48 2,4-Dinitrotoluene	165	13.409	13.409	(1.031)	463849	80.0000	78.99
	50 Diethylphthalate	149	13.852	13.852	(1.065)	1365581	80.0000	71.62
	49 Fluorene	166	13.879	13.879	(1.067)	1466859	80.0000	74.40
	51 4-Chlorophenyl-phenylether	204	13.900	13.900	(1.069)	704455	80.0000	72.85
	52 4-Nitroaniline	138	14.007	14.007	(1.077)	411870	80.0000	78.96
	53 4,6-Dinitro-2-methylphenol	198	14.077	14.077	(0.915)	625136	160.000	185.1
	54 N-Nitrosodiphenylamine	169	14.114	14.114	(0.918)	811927	80.0000	79.53
$	55 2,4,6-Tribromophenol	330	14.301	14.301	(1.099)	185345	80.0000	78.79
	56 4-Bromophenyl-phenylether	248	14.686	14.686	(0.955)	382840	80.0000	74.23
	57 Hexachlorobenzene	284	14.905	14.905	(0.969)	390832	80.0000	72.90
	58 Pentachlorophenol	266	15.204	15.204	(0.989)	280035	80.0000	89.39
*	59 Phenanthrene-d10	188	15.380	15.380	(1.000)	415414	20.0000	
	60 Phenanthrene	178	15.423	15.423	(1.003)	2112315	80.0000	73.57
	61 Anthracene	178	15.492	15.492	(1.007)	2168629	80.0000	74.70
	62 Carbazole	167	15.775	15.775	(1.026)	1878467	80.0000	75.62
	63 Di-n-butylphthalate	149	16.491	16.491	(1.072)	2246575	80.0000	75.24
	64 Fluoranthene	202	17.357	17.357	(1.129)	2351613	80.0000	75.66
	65 Pyrene	202	17.715	17.715	(0.899)	2485208	80.0000	69.16
$	66 Terphenyl-d14	244	18.025	18.025	(0.915)	1463770	80.0000	70.56
	67 Butylbenzylphthalate	149	18.911	18.911	(0.960)	1134540	80.0000	75.31
	68 Benzo(a)anthracene	228	19.675	19.675	(0.999)	2477785	80.0000	74.35
*	69 Chrysene-d12	240	19.702	19.702	(1.000)	448393	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.686	19.686	(0.999)	904164	80.0000	76.41
	71 Chrysene	228	19.750	19.750	(1.002)	2429828	80.0000	74.12
	72 bis(2-Ethylhexyl)phthalate	149	19.905	19.905	(0.955)	1628603	80.0000	75.28
*	134 Di-n-octylphthalate-d4	153	20.840	20.840	(1.000)	686610	20.0000	
	73 Di-n-octylphthalate	149	20.851	20.851	(1.000)	2845694	80.0000	71.95

	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	21.347	21.347	(0.977)	2876064	80.0000	80.07
75	Benzo(k)fluoranthene	252	21.379	21.379	(0.978)	2496722	80.0000	65.80(H)
76	Benzo(a)pyrene	252	21.791	21.791	(0.997)	2389795	80.0000	74.71
* 77	Perylene-d12	264	21.849	21.849	(1.000)	527580	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	23.393	23.393	(1.071)	2774062	80.0000	78.89
79	Dibenzo(a,h)anthracene	278	23.425	23.425	(1.072)	2298173	80.0000	79.58
80	Benzo(g,h,i)perylene	276	23.826	23.826	(1.090)	2457630	80.0000	77.60
90	N-Nitrosodimethylamine	74	3.483	3.483	(0.430)	599069	80.0000	67.48
103	Pyridine	79	3.430	3.430	(0.423)	1001347	80.0000	70.30
91	Aniline	93	7.666	7.666	(0.945)	1325321	80.0000	68.39
105	1-methylnaphthalene	141	11.470	11.470	(1.130)	1160931	80.0000	69.26
93	Benzidine	184	17.602	17.602	(0.893)	1026984	80.0000	68.57
111	Azobenzene (1,2-DP-Hydrazine)	77	14.157	14.157	(1.088)	1924692	80.0000	72.77
144	alpha-Terpineol	59	10.214	10.214	(1.006)	691091	80.0000	73.45
143	1,4-Dioxane	88	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
133	Butylatedhydroxytoluene	205	13.185	13.185	(1.014)	1134064	80.0000	73.63
115	Tributyl Phosphate	99	14.221	14.221	(0.925)	1969001	80.0000	76.40
116	Dibutyl Phenyl Phosphate	175	15.930	15.930	(1.036)	1111673	80.0000	78.83
117	Butyl Diphenyl Phosphate	94	17.619	17.619	(0.894)	481314	80.0000	68.52
118	Triphenyl Phosphate	326	19.226	19.226	(0.976)	383258	80.0000	77.60
123	Acetophenone	105	8.809	8.809	(1.086)	1156106	80.0000	74.13
170	Pentachlorobenzene	250	13.366	13.366	(1.028)	490862	80.0000	74.63

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: nt4.i
Lab File ID: 0801001.d
Lab Smp Id: ABN 80
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071001.b/SW846.m
Misc Info:

Calibration Date: 01-OCT-2007
Calibration Time: 10:31
Client Smp ID: ABN 80
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	110324	55162	220648	144455	30.94
27 Naphthalene-d8	430280	215140	860560	529257	23.00
42 Acenaphthene-d10	242988	121494	485976	273258	12.46
59 Phenanthrene-d10	380514	190257	761028	415414	9.17
69 Chrysene-d12	406554	203277	813108	448393	10.29
134 Di-n-octylphthala	598971	299486	1197942	686610	14.63
77 Perylene-d12	429313	214656	858626	527580	22.89

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.10	7.60	8.60	8.11	0.08
27 Naphthalene-d8	10.14	9.64	10.64	10.15	0.06
42 Acenaphthene-d10	13.00	12.50	13.50	13.01	0.05
59 Phenanthrene-d10	15.37	14.87	15.87	15.38	0.04
69 Chrysene-d12	19.69	19.19	20.19	19.70	0.06
134 Di-n-octylphthala	20.83	20.33	21.33	20.84	0.03
77 Perylene-d12	21.84	21.34	22.34	21.85	0.03

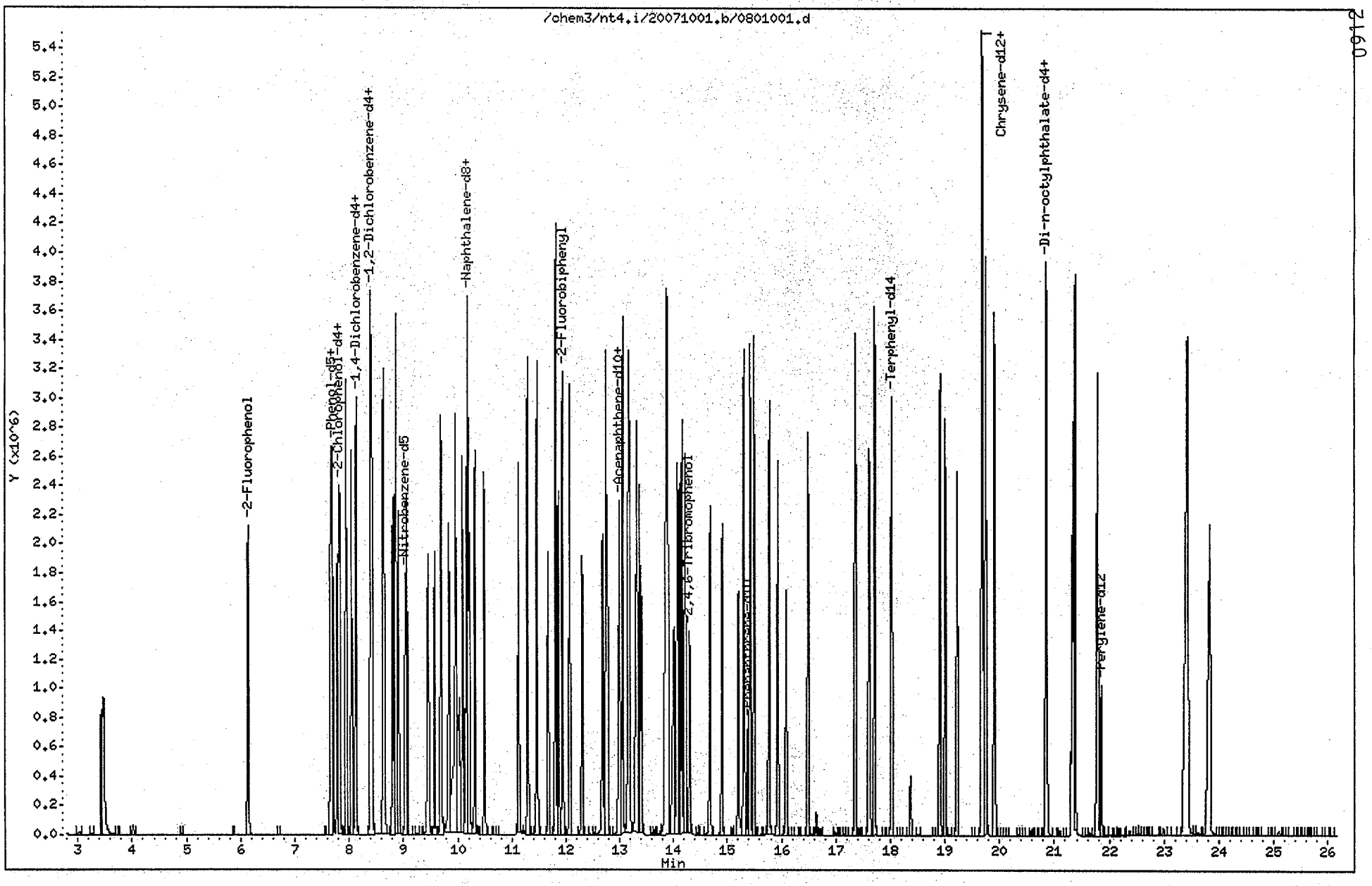
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20071001.b/0801001.d
Date : 01-OCT-2007 11:04
Client ID: ABN 80
Sample Info: ABN 80

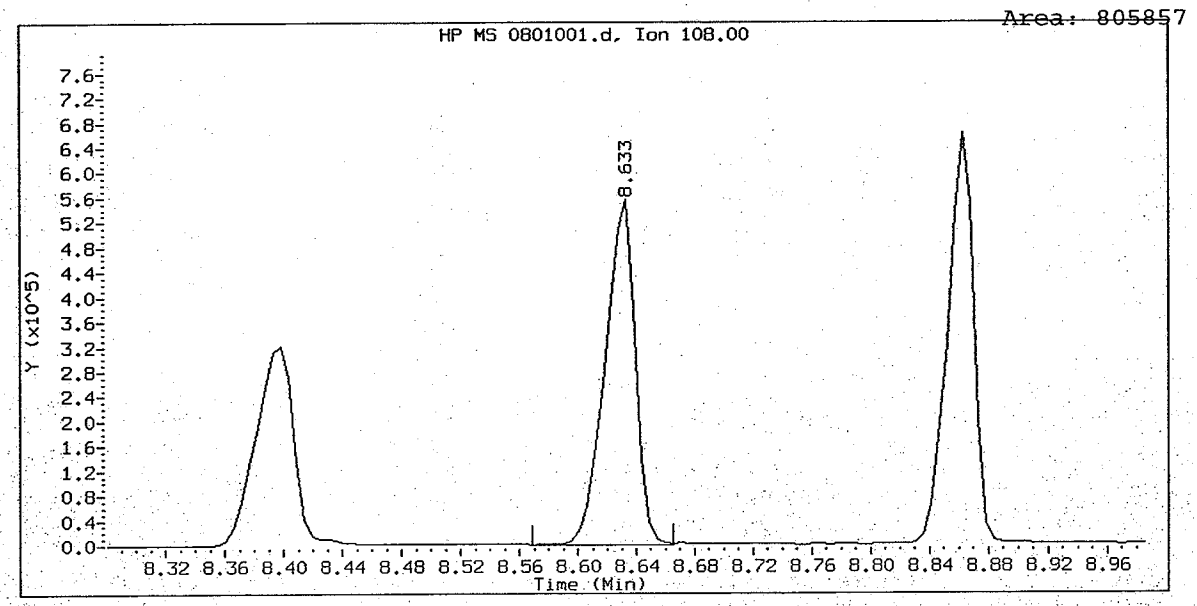
Instrument: nt4.i

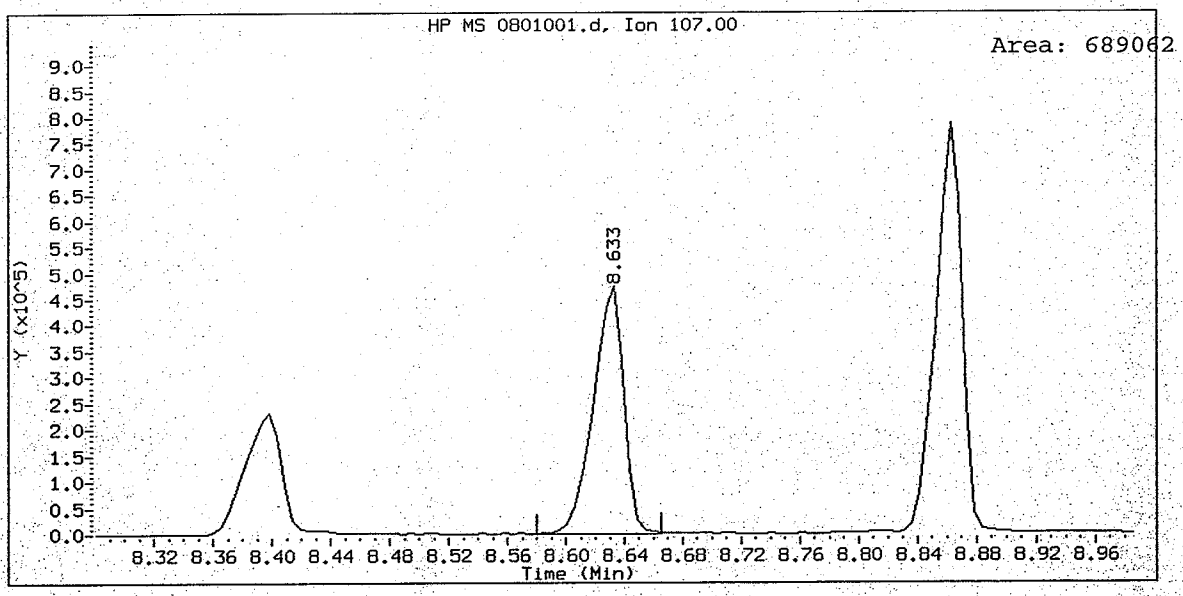
Operator: VTS
Column diameter: 0.32

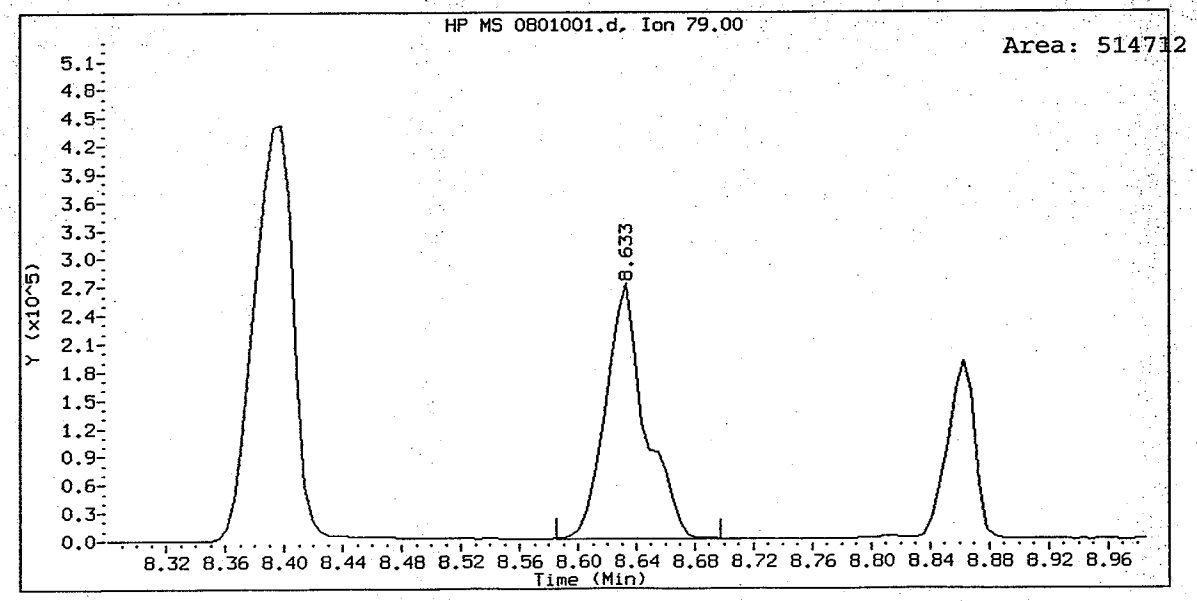
Column phase: ZB-5



ABN 80, /chem3/nt4.i/20071001.b/0801001.d
2-Methylphenol Amount: 75.08







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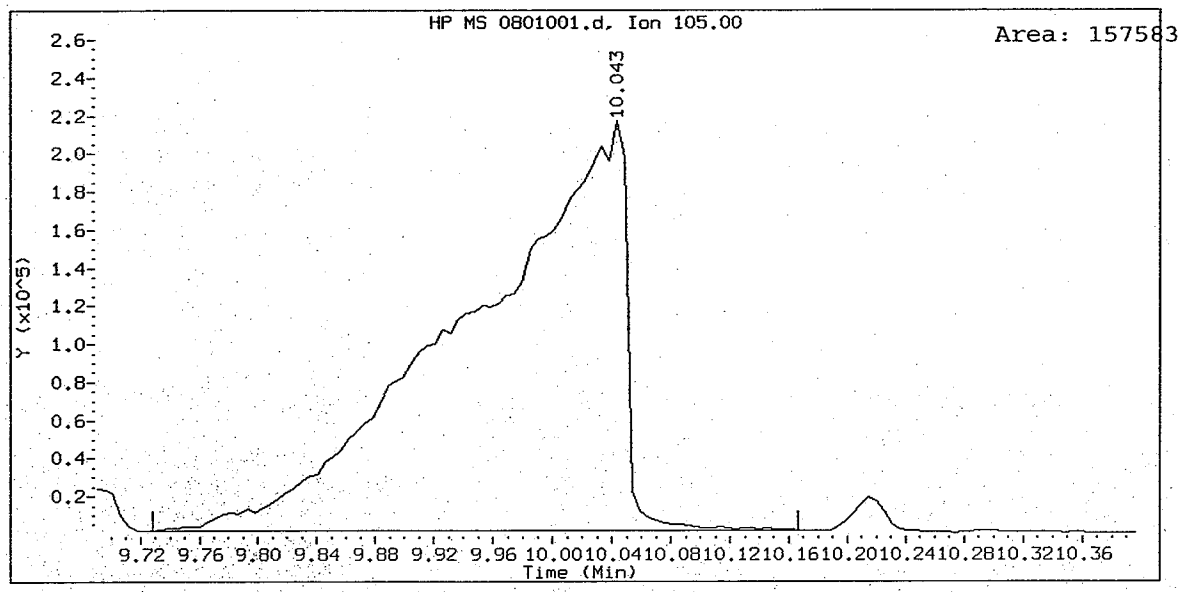
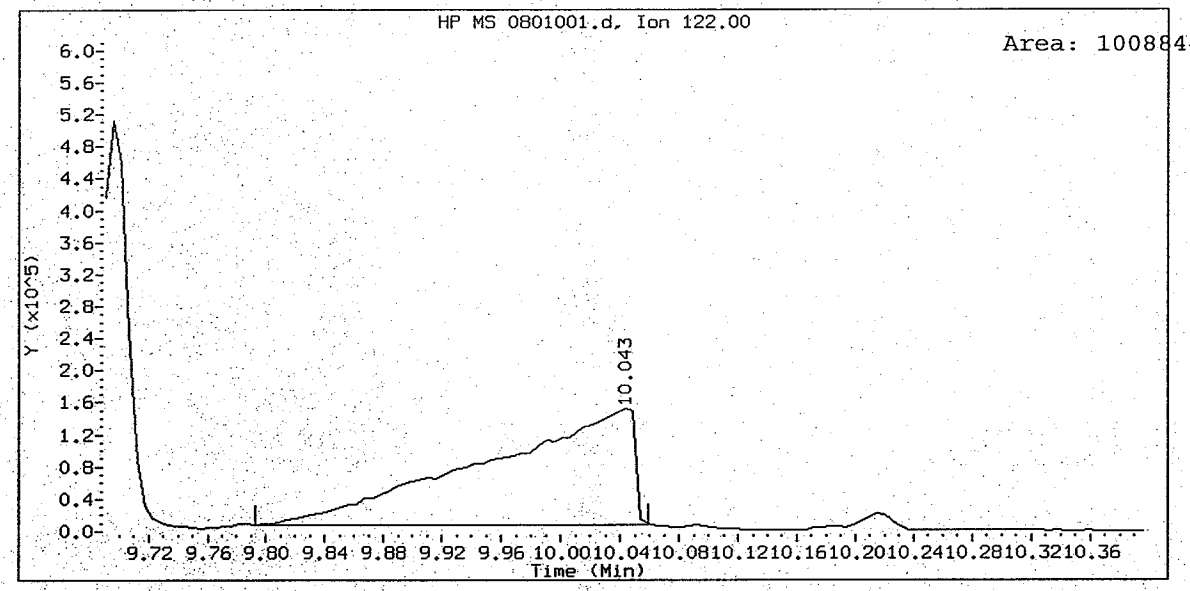
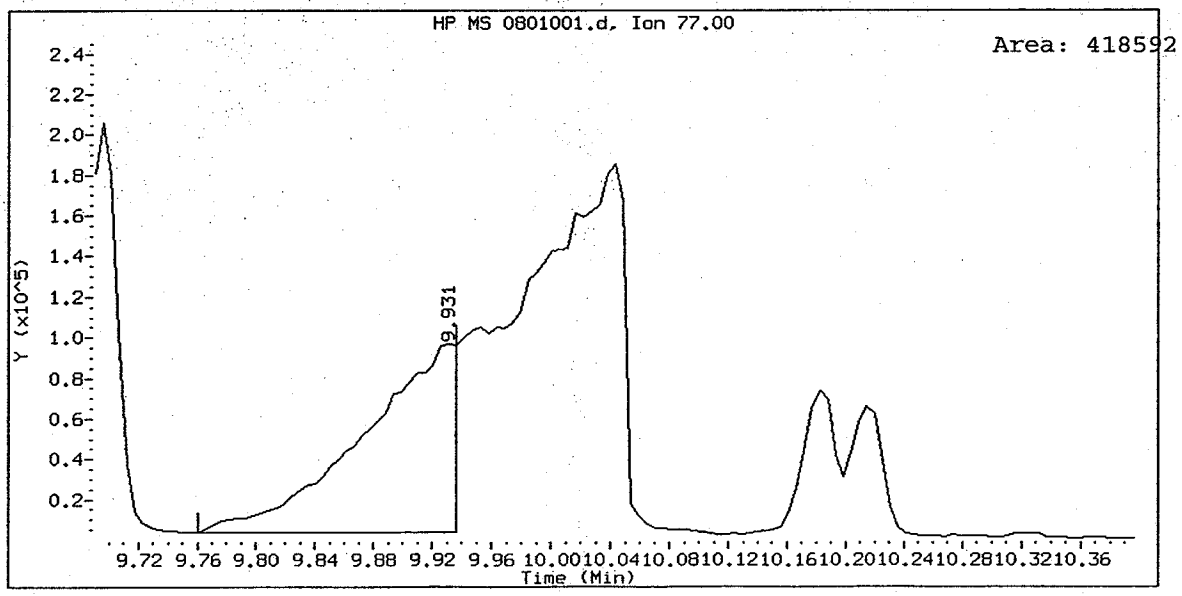
Benzoic acid Amount: 176.79







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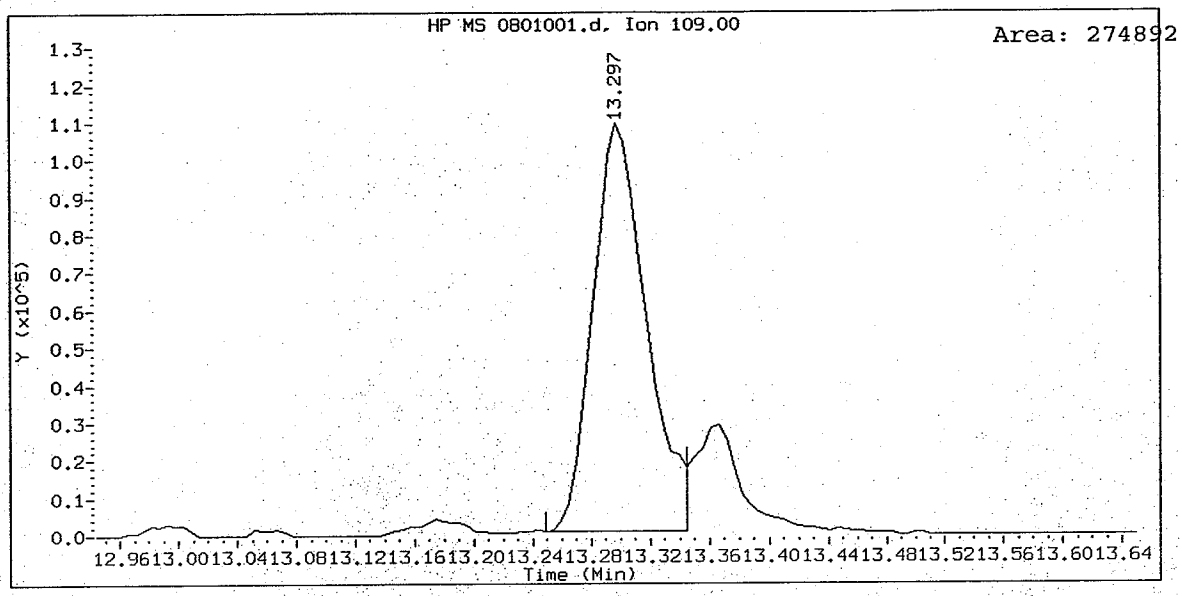
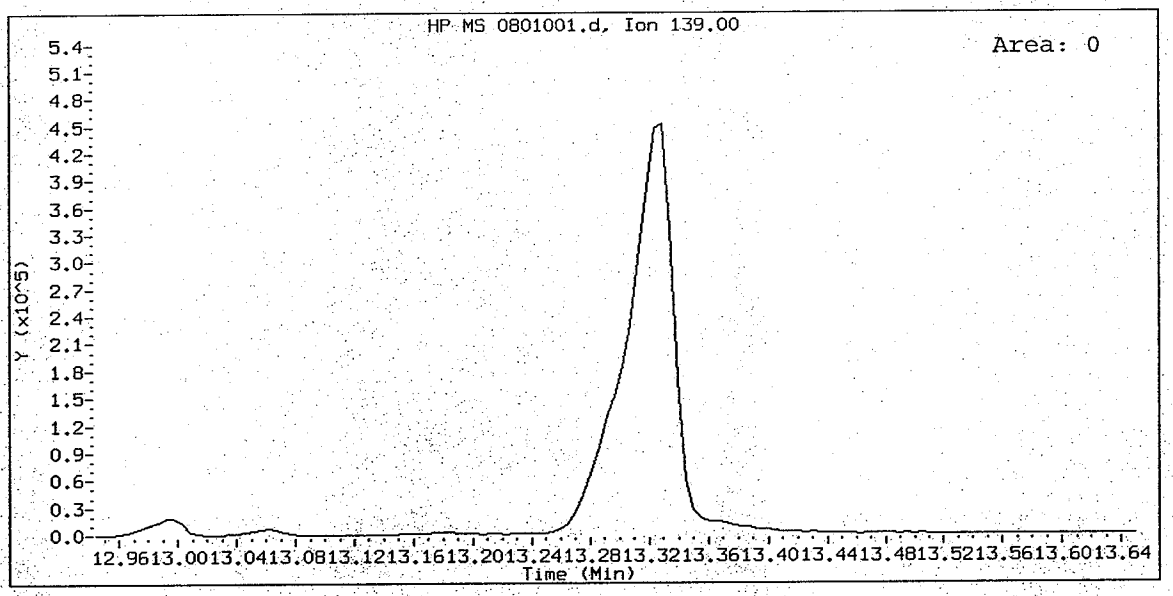
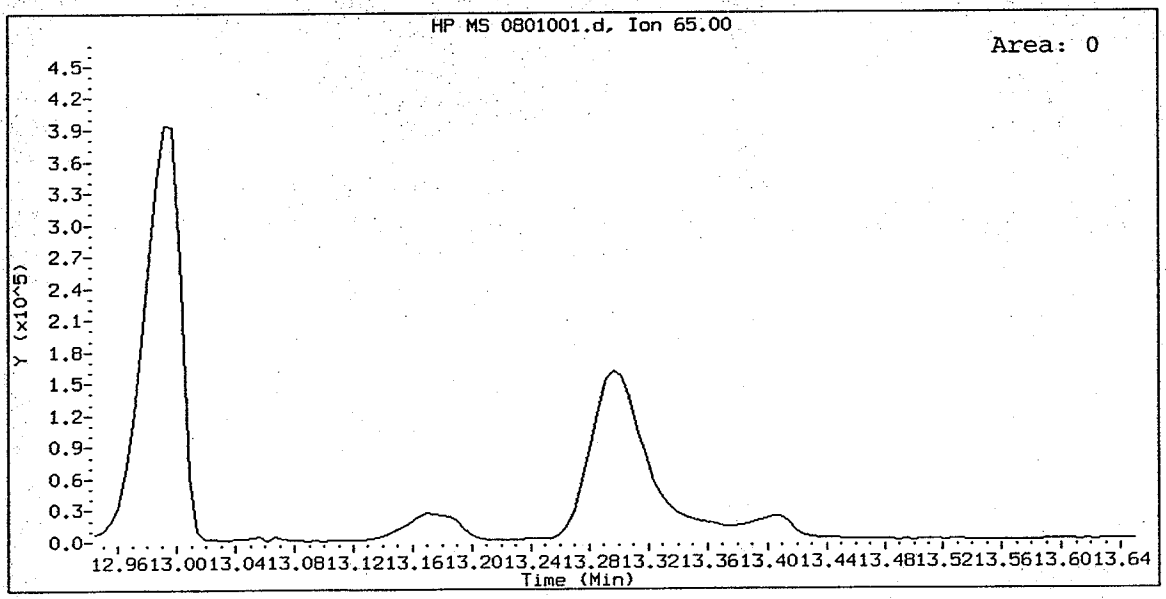
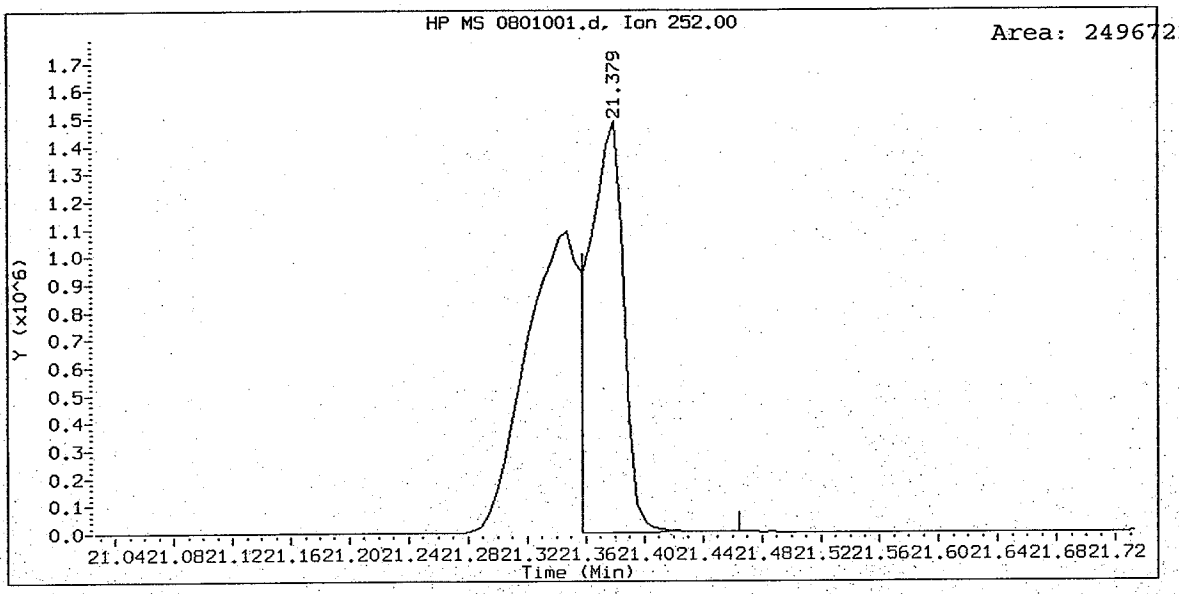
4-Nitrophenol Amount: 74.50

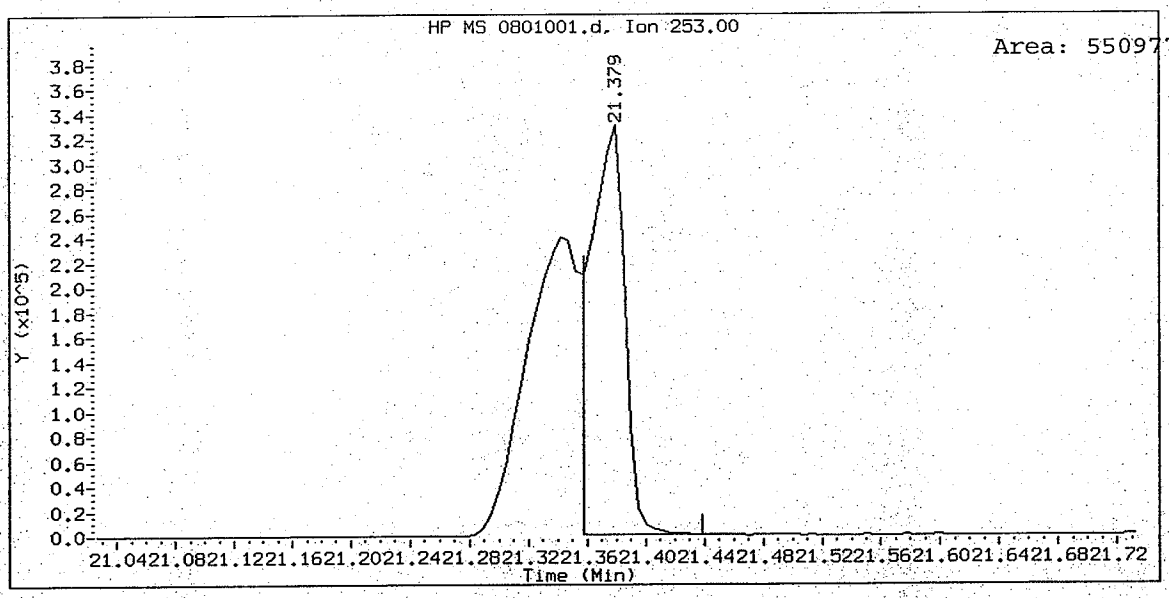


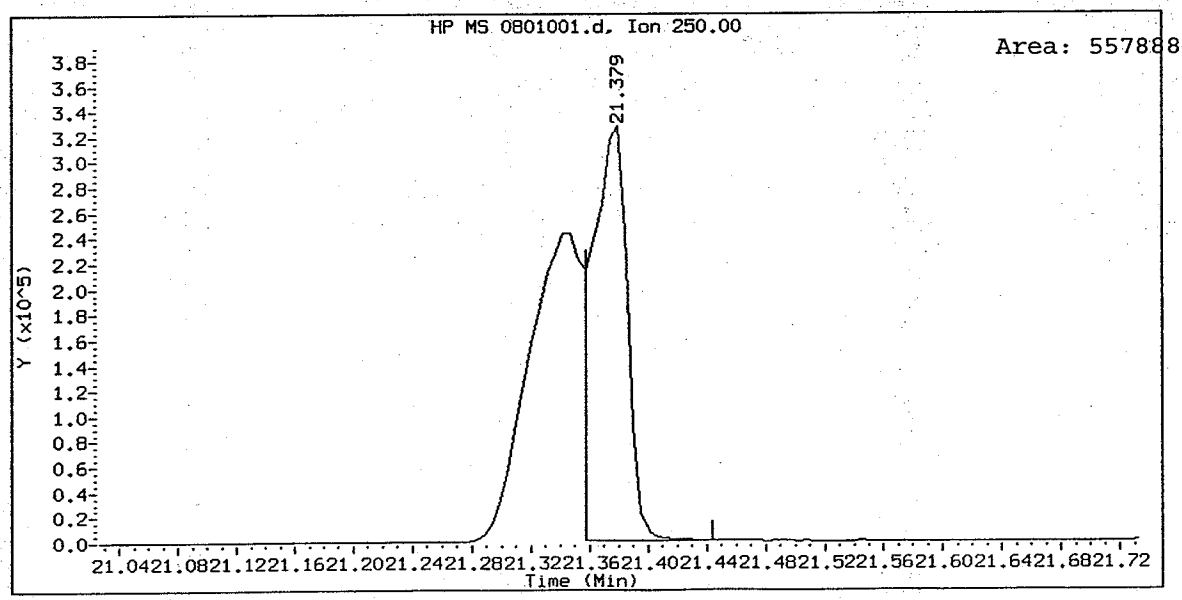




ABN 80, /chem3/nt4.i/20071001.b/0801001.d
Benzo(k)fluoranthene Amount: 65.80







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071001.b/icv1001.d
Lab Smp Id: ABN ICV
Client Smp ID: ABN ICV
Inj Date : 01-OCT-2007 13:54
Operator : VTS
Inst ID: nt4.i
Smp Info : ABN ICV
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071001.b/SW846.m
Meth Date : 02-Oct-2007 10:17 jeff
Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04
Cal File: 0801001.d
Als bottle: 7
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)	FINAL (ug/mL)
3	Phenol	94	7.682	7.709	(0.949)	326541	25.0363	25.04
4	Bis(2-Chloroethyl)ether	93	7.767	7.784	(0.959)	246550	24.5303	24.53
6	2-Chlorophenol	128	7.821	7.837	(0.966)	235797	25.1123	25.11
7	1,3-Dichlorobenzene	146	8.040	8.051	(0.993)	235459	24.4985	24.50
* 8	1,4-Dichlorobenzene-d4	152	8.098	8.110	(1.000)	115954	20.0000	
9	1,4-Dichlorobenzene	146	8.125	8.136	(1.003)	231789	23.9290	23.93
11	Benzyl alcohol	108	8.376	8.398	(1.034)	151830	25.5108	25.51
12	1,2-Dichlorobenzene	146	8.419	8.430	(1.040)	220432	24.2969	24.30
13	2-Methylphenol	108	8.611	8.633	(1.063)	222684	25.1857	25.19(H)
14	2,2'-oxybis(1-Chloropropane)	45	8.643	8.654	(1.067)	292735	24.0002	24.00
15	4-Methylphenol	108	8.841	8.863	(1.092)	228596	26.0656	26.07
16	N-Nitroso-di-n-propylamine	70	8.857	8.884	(1.094)	193789	24.3442	24.34
17	Hexachloroethane	117	8.910	8.916	(1.100)	112223	25.5145	25.51
19	Nitrobenzene	77	9.055	9.071	(0.893)	299336	22.5953	22.60
20	Isophorone	82	9.439	9.461	(0.930)	508949	24.3497	24.35
21	2-Nitrophenol	139	9.573	9.584	(0.944)	117837	23.5481	23.55
22	2,4-Dimethylphenol	107	9.685	9.696	(0.955)	249488	23.5505	23.55
23	Bis(2-Chloroethoxy)methane	93	9.829	9.846	(0.969)	283538	22.6027	22.60
24	Benzoic acid	105	9.915	10.043	(0.977)	392130	51.3733	51.37(M)
25	2,4-Dichlorophenol	162	9.952	9.969	(0.981)	171436	23.9768	23.98
26	1,2,4-Trichlorobenzene	180	10.086	10.091	(0.994)	197542	23.3715	23.37
* 27	Naphthalene-d8	136	10.144	10.150	(1.000)	453229	20.0000	
28	Naphthalene	128	10.171	10.182	(1.003)	662133	23.7964	23.80
29	4-Chloroaniline	127	10.310	10.326	(1.016)	289913	24.7338	24.73
30	Hexachlorobutadiene	225	10.497	10.497	(1.035)	114413	23.3809	23.38
31	4-Chloro-3-methylphenol	107	11.122	11.133	(1.096)	229782	26.0248	26.02
32	2-Methylnaphthalene	141	11.293	11.299	(1.113)	362730	25.5906	25.59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)
	33 Hexachlorocyclopentadiene	237	11.678	11.678	(0.898)	116644	25.1547	25.15
	34 2,4,6-Trichlorophenol	196	11.806	11.817	(0.908)	134334	26.1939	26.19
	35 2,4,5-Trichlorophenol	196	11.859	11.870	(0.912)	133759	24.3647	24.36
	37 2-Chloronaphthalene	162	12.073	12.079	(0.928)	395736	23.6634	23.66
	38 2-Nitroaniline	65	12.297	12.314	(0.946)	181912	25.0072	25.01
	39 Dimethylphthalate	163	12.677	12.693	(0.975)	444021	24.3942	24.39
	40 Acenaphthylene	152	12.746	12.757	(0.980)	609953	24.3703	24.37
	41 2,6-Dinitrotoluene	165	12.767	12.784	(0.982)	100933	24.2602	24.26
*	42 Acenaphthene-d10	164	13.002	13.008	(1.000)	255917	20.0000	
	43 3-Nitroaniline	138	12.976	12.998	(0.998)	119597	24.4477	24.45
	44 Acenaphthene	153	13.051	13.062	(1.004)	387395	23.3163	23.32
	45 2,4-Dinitrophenol	184	13.141	13.169	(1.011)	107676	46.4768	46.48
	46 Dibenzofuran	168	13.312	13.329	(1.024)	528192	24.4088	24.41
	47 4-Nitrophenol	109	13.275	13.297	(1.021)	95833	24.4958	24.50
	48 2,4-Dinitrotoluene	165	13.392	13.409	(1.030)	134736	24.4981	24.50
	49 Fluorene	166	13.868	13.879	(1.067)	441167	23.8919	23.89
	50 Diethylphthalate	149	13.836	13.852	(1.064)	435415	24.3822	24.38
	51 4-Chlorophenyl-phenylether	204	13.895	13.900	(1.069)	212278	23.4397	23.44
	52 4-Nitroaniline	138	13.969	14.007	(1.074)	120773	24.7226	24.72
	53 4,6-Dinitro-2-methylphenol	198	14.050	14.077	(0.914)	161431	50.5626	50.56
	54 N-Nitrosodiphenylamine	169	14.098	14.114	(0.917)	305478	31.6571	31.66
	56 4-Bromophenyl-phenylether	248	14.675	14.686	(0.954)	115660	23.7267	23.73
	57 Hexachlorobenzene	284	14.899	14.905	(0.969)	121542	23.9830	23.98
	58 Pentachlorophenol	266	15.187	15.204	(0.988)	76512	25.8378	25.84
*	59 Phenanthrene-d10	188	15.374	15.380	(1.000)	392657	20.0000	
	60 Phenanthrene	178	15.412	15.423	(1.002)	640351	23.5967	23.60
	61 Anthracene	178	15.481	15.492	(1.007)	662863	24.1558	24.16
	62 Carbazole	167	15.764	15.775	(1.025)	581149	24.7517	24.75
	63 Di-n-butylphthalate	149	16.480	16.491	(1.072)	716986	25.4045	25.40
	64 Fluoranthene	202	17.346	17.357	(1.128)	713465	24.2836	24.28
	65 Pyrene	202	17.698	17.715	(0.899)	726015	25.4402	25.44
	67 Butylbenzylphthalate	149	18.900	18.911	(0.960)	312517	26.1205	26.12
	68 Benzo(a)anthracene	228	19.659	19.675	(0.999)	631614	23.8654	23.87
*	69 Chrysene-d12	240	19.685	19.702	(1.000)	356097	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.669	19.686	(0.999)	222280	23.6525	23.65
	71 Chrysene	228	19.728	19.750	(1.002)	609934	23.4290	23.43
	72 bis(2-Ethylhexyl)phthalate	149	19.899	19.905	(0.955)	425519	26.2869	26.29
*	134 Di-n-octylphthalate-d4	153	20.829	20.840	(1.000)	513773	20.0000	
	73 Di-n-octylphthalate	149	20.839	20.851	(1.000)	714501	24.1426	24.14
	74 Benzo(b)fluoranthene	252	21.315	21.347	(0.976)	609033	24.4069	24.41
	75 Benzo(k)fluoranthene	252	21.347	21.379	(0.977)	642525	24.3748	24.37
	76 Benzo(a)pyrene	252	21.764	21.791	(0.997)	591810	26.6309	26.63
*	77 Perylene-d12	264	21.838	21.849	(1.000)	366502	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	23.356	23.393	(1.069)	623136	25.5109	25.51
	79 Dibenzo(a,h)anthracene	278	23.382	23.425	(1.071)	520041	25.9225	25.92
	80 Benzo(g,h,i)perylene	276	23.778	23.826	(1.089)	561567	25.5239	25.52
	103 Pyridine	79	3.429	3.430	(0.423)	318459	27.8533	27.85

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)
90 N-Nitrosodimethylamine	74	3.456	3.483	(0.427)	178727	25.0801	25.08
91 Aniline	93	7.650	7.666	(0.945)	412701	26.5308	26.53
105 1-methylnaphthalene	141	11.464	11.470	(1.130)	354130	24.6707	24.67
111 Azobenzene (1,2-DP-Hydrazine)	77	14.146	14.157	(1.088)	616717	24.8961	24.90
93 Benzidine	184	17.591	17.602	(0.894)	338715	28.4777	28.48

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: nt4.i
Lab File ID: icv1001.d
Lab Smp Id: ABN ICV
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071001.b/SW846.m
Misc Info:

Calibration Date: 01-OCT-2007
Calibration Time: 10:31
Client Smp ID: ABN ICV
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	110324	55162	220648	115954	5.10
27 Naphthalene-d8	430280	215140	860560	453229	5.33
42 Acenaphthene-d10	242988	121494	485976	255917	5.32
59 Phenanthrene-d10	380514	190257	761028	392657	3.19
69 Chrysene-d12	406554	203277	813108	356097	-12.41
134 Di-n-octylphthala	598971	299486	1197942	513773	-14.22
77 Perylene-d12	429313	214656	858626	366502	-14.63

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.10	7.60	8.60	8.10	-0.06
27 Naphthalene-d8	10.14	9.64	10.64	10.14	0.01
42 Acenaphthene-d10	13.00	12.50	13.50	13.00	0.00
59 Phenanthrene-d10	15.37	14.87	15.87	15.37	0.00
69 Chrysene-d12	19.69	19.19	20.19	19.69	-0.02
134 Di-n-octylphthala	20.83	20.33	21.33	20.83	-0.02
77 Perylene-d12	21.84	21.34	22.34	21.84	-0.02

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/nt4.i/20071001.b/icv1001.d
Report Date: 02-Oct-2007 10:18

Analytical Resources, Inc.

RECOVERY REPORT

Client Name:
Sample Matrix: NONE
Lab Smp Id: ABN ICV
Level:
Data Type: MS DATA
SpikeList File: ICV.spk
Sublist File: ICV.sub
Method File: /chem3/nt4.i/20071001.b/SW846.m
Misc Info:

Client SDG: 20071001
Fraction: SV
Client Smp ID: ABN ICV
Operator: VTS
SampleType: LCS
Quant Type: ISTD

	SPIKE COMPOUND	AMOUNT ADDED ug/mL	AMOUNT RECOVERED ug/mL	% RECOVERED	LIMITS
3	Phenol	25.00	25.04	100.15	
4	Bis(2-Chloroethyl)	25.00	24.53	98.12	
6	2-Chlorophenol	25.00	25.11	100.45	
7	1,3-Dichlorobenzen	25.00	24.50	97.99	
9	1,4-Dichlorobenzen	25.00	23.93	95.72	
11	Benzyl alcohol	25.00	25.51	102.04	
12	1,2-Dichlorobenzen	25.00	24.30	97.19	
13	2-Methylphenol	25.00	25.19	100.74	
14	2,2'-oxybis(1-Chlo	25.00	24.00	96.00	
15	4-Methylphenol	25.00	26.07	104.26	
16	N-Nitroso-di-n-pro	25.00	24.34	97.38	
17	Hexachloroethane	25.00	25.51	102.06	
19	Nitrobenzene	25.00	22.60	90.38	
20	Isophorone	25.00	24.35	97.40	
21	2-Nitrophenol	25.00	23.55	94.19	
22	2,4-Dimethylphenol	25.00	23.55	94.20	
23	Bis(2-Chloroethoxy	25.00	22.60	90.41	
24	Benzoic acid	50.00	51.37	102.75	OK
25	2,4-Dichlorophenol	25.00	23.98	95.91	
26	1,2,4-Trichloroben	25.00	23.37	93.49	
28	Naphthalene	25.00	23.80	95.19	
29	4-Chloroaniline	25.00	24.73	98.94	
30	Hexachlorobutadien	25.00	23.38	93.52	
31	4-Chloro-3-methylp	25.00	26.02	104.10	
32	2-Methylnaphthalen	25.00	25.59	102.36	
33	Hexachlorocyclopen	25.00	25.15	100.62	
34	2,4,6-Trichlorophe	25.00	26.19	104.78	
35	2,4,5-Trichlorophe	25.00	24.36	97.46	
37	2-Chloronaphthalen	25.00	23.66	94.65	
38	2-Nitroaniline	25.00	25.01	100.03	
39	Dimethylphthalate	25.00	24.39	97.58	
40	Acenaphthylene	25.00	24.37	97.48	
41	2,6-Dinitrotoluene	25.00	24.26	97.04	

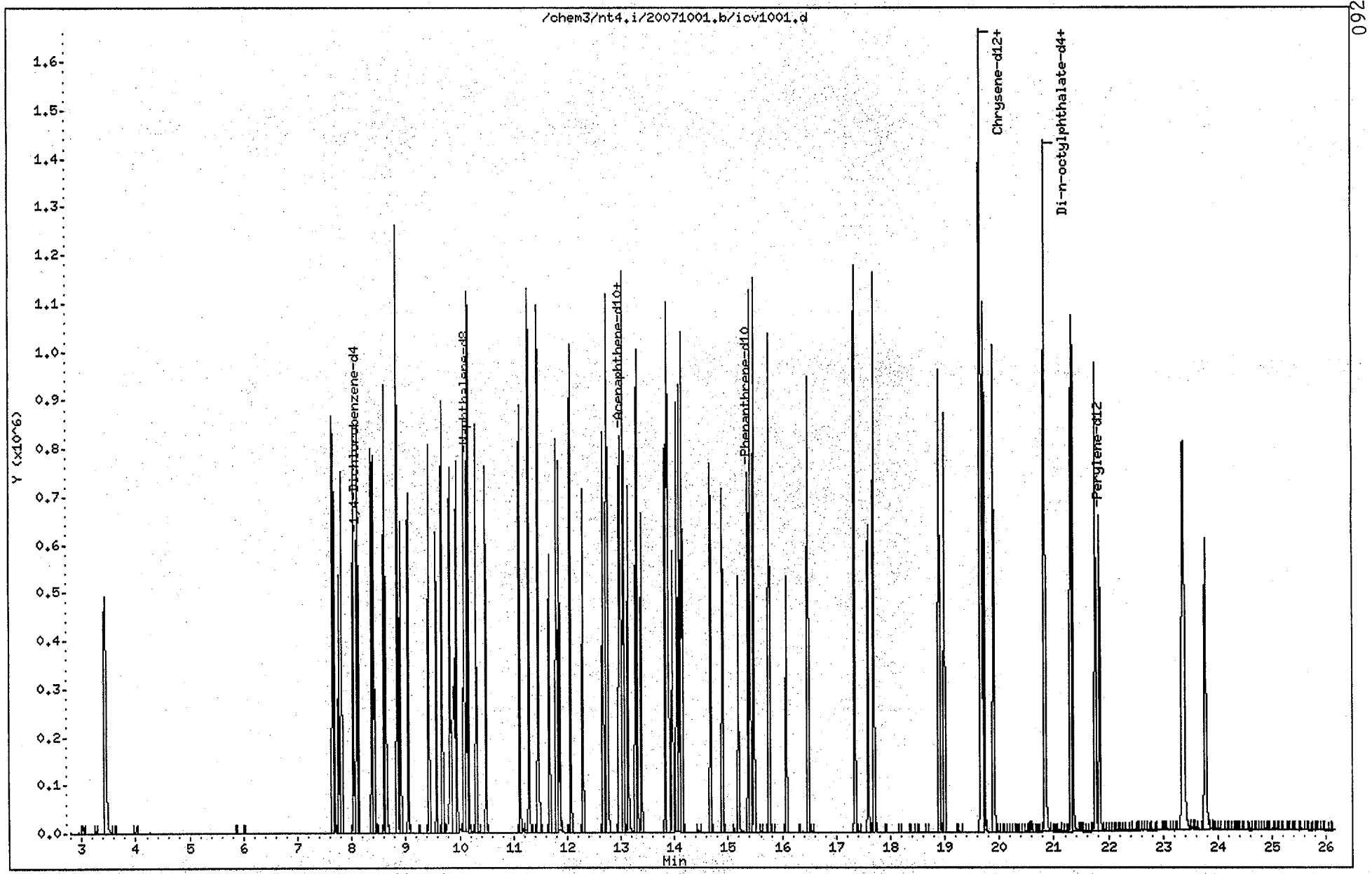
SPIKE	COMPOUND	AMOUNT ADDED ug/mL	AMOUNT RECOVERED ug/mL	% RECOVERED	LIMITS
43	3-Nitroaniline	25.00	24.45	97.79	
44	Acenaphthene	25.00	23.32	93.27	
45	2,4-Dinitrophenol	50.00	46.48	92.95	
46	Dibenzofuran	25.00	24.41	97.64	
47	4-Nitrophenol	25.00	24.50	97.98	
48	2,4-Dinitrotoluene	25.00	24.50	97.99	
49	Fluorene	25.00	23.89	95.57	
50	Diethylphthalate	25.00	24.38	97.53	
51	4-Chlorophenyl-phe	25.00	23.44	93.76	
52	4-Nitroaniline	25.00	24.72	98.89	
53	4,6-Dinitro-2-meth	50.00	50.56	101.13	
54	N-Nitrosodiphenyla	25.00	31.66	126.63	
56	4-Bromophenyl-phen	25.00	23.73	94.91	
57	Hexachlorobenzene	25.00	23.98	95.93	OF
58	Pentachlorophenol	25.00	25.84	103.35	
60	Phenanthrene	25.00	23.60	94.39	
61	Anthracene	25.00	24.16	96.62	
62	Carbazole	25.00	24.75	99.01	
63	Di-n-butylphthalat	25.00	25.40	101.62	
64	Fluoranthene	25.00	24.28	97.13	
65	Pyrene	25.00	25.44	101.76	
67	Butylbenzylphthala	25.00	26.12	104.48	
68	Benzo(a)anthracene	25.00	23.87	95.46	
70	3,3'-Dichlorobenzi	25.00	23.65	94.61	
71	Chrysene	25.00	23.43	93.72	
72	bis(2-Ethylhexyl)p	25.00	26.29	105.15	
73	Di-n-octylphthalat	25.00	24.14	96.57	
74	Benzo(b)fluoranthe	25.00	24.41	97.63	
75	Benzo(k)fluoranthe	25.00	24.37	97.50	
76	Benzo(a)pyrene	25.00	26.63	106.52	
78	Indeno(1,2,3-cd)py	25.00	25.51	102.04	
79	Dibenzo(a,h)anthra	25.00	25.92	103.69	
80	Benzo(g,h,i)peryle	25.00	25.52	102.10	
90	N-Nitrosodimethyla	25.00	25.08	100.32	
91	Aniline	25.00	26.53	106.12	
93	Benzidine	25.00	28.48	113.91	
103	Pyridine	25.00	27.85	111.41	
105	1-methylnaphthalen	25.00	24.67	98.68	

Data File: /chem3/nt4.i/20071001.b/icv1001.d
Date : 01-OCT-2007 13:54
Client ID: ABN ICV
Sample Info: ABN ICV

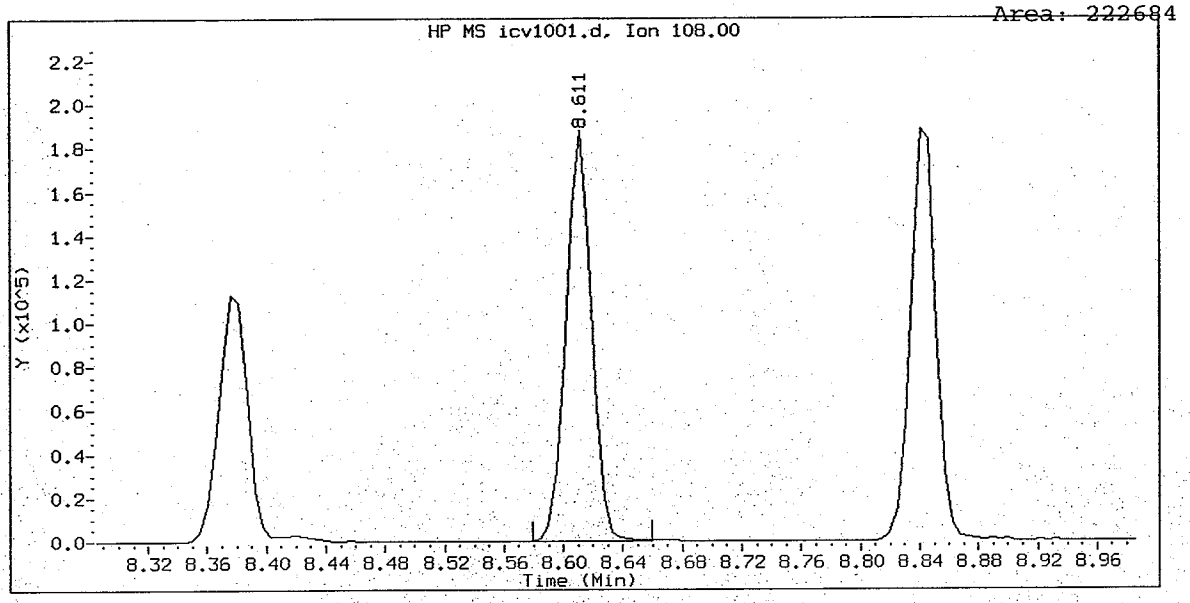
Instrument: nt4.i

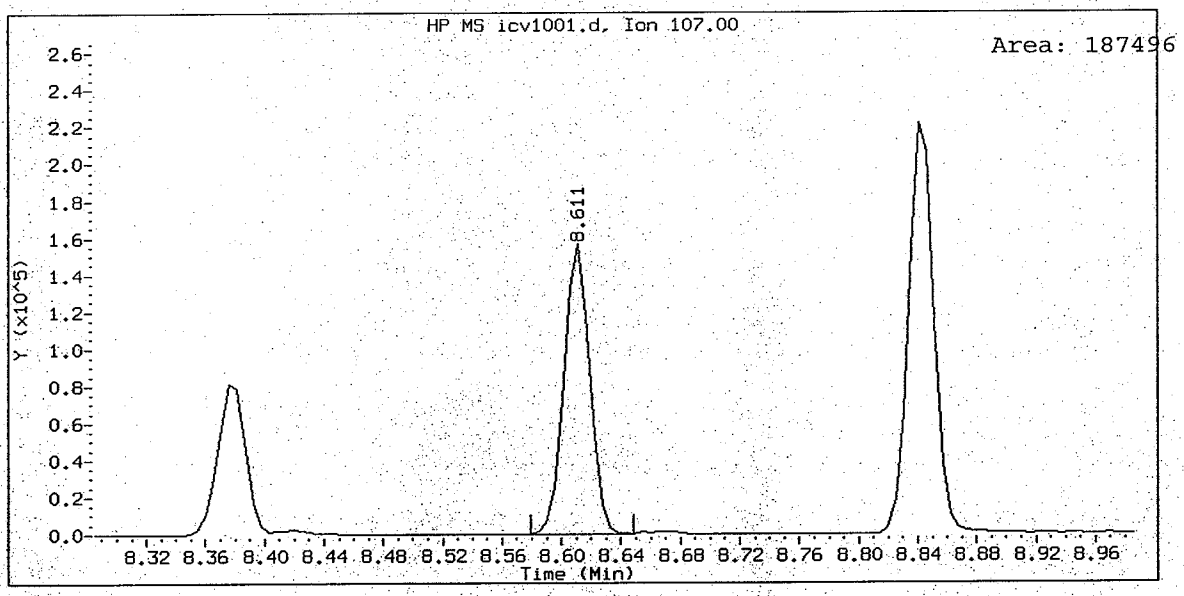
Operator: VTS
Column diameter: 0.32

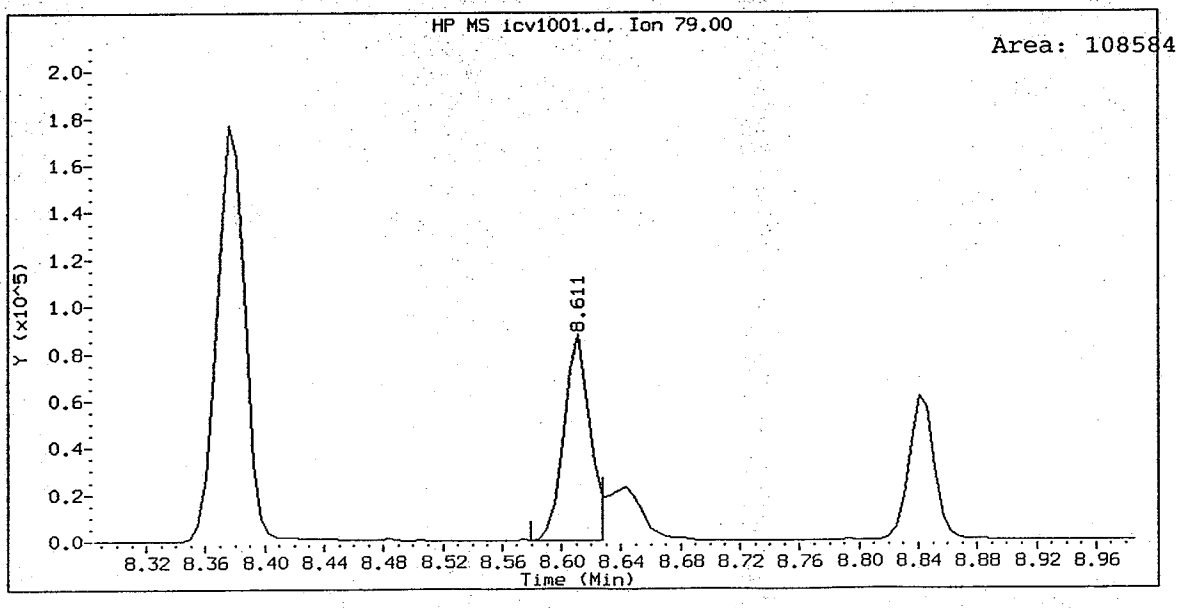
Column phase: ZB-5



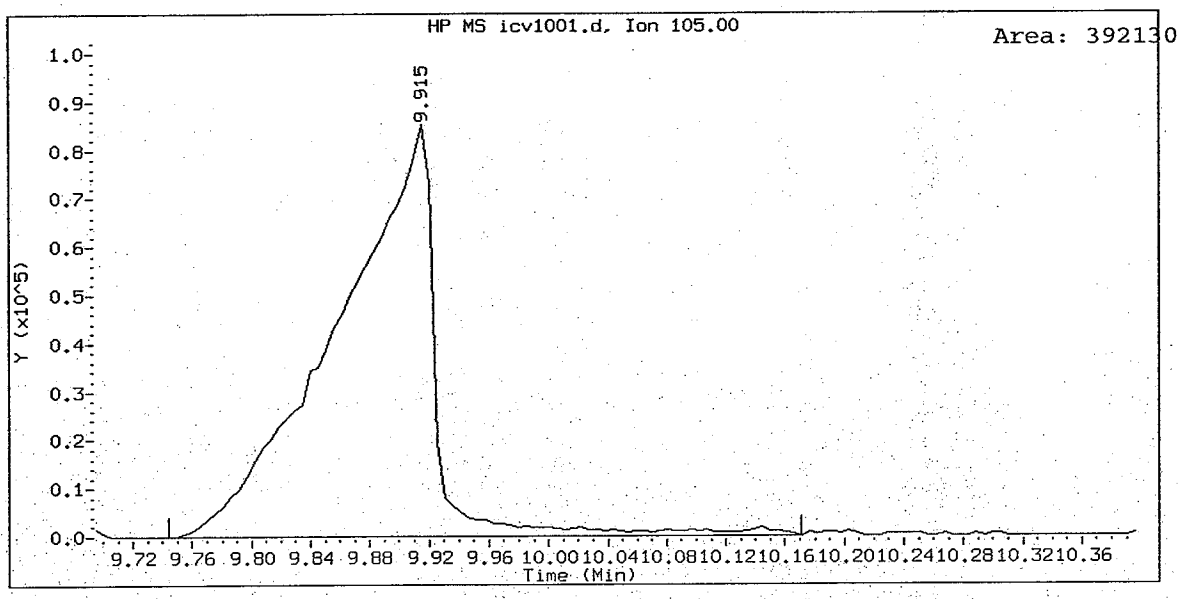
ABN ICV, /chem3/nt4.i/20071001.b/icv1001.d
2-Methylphenol Amount: 25.19

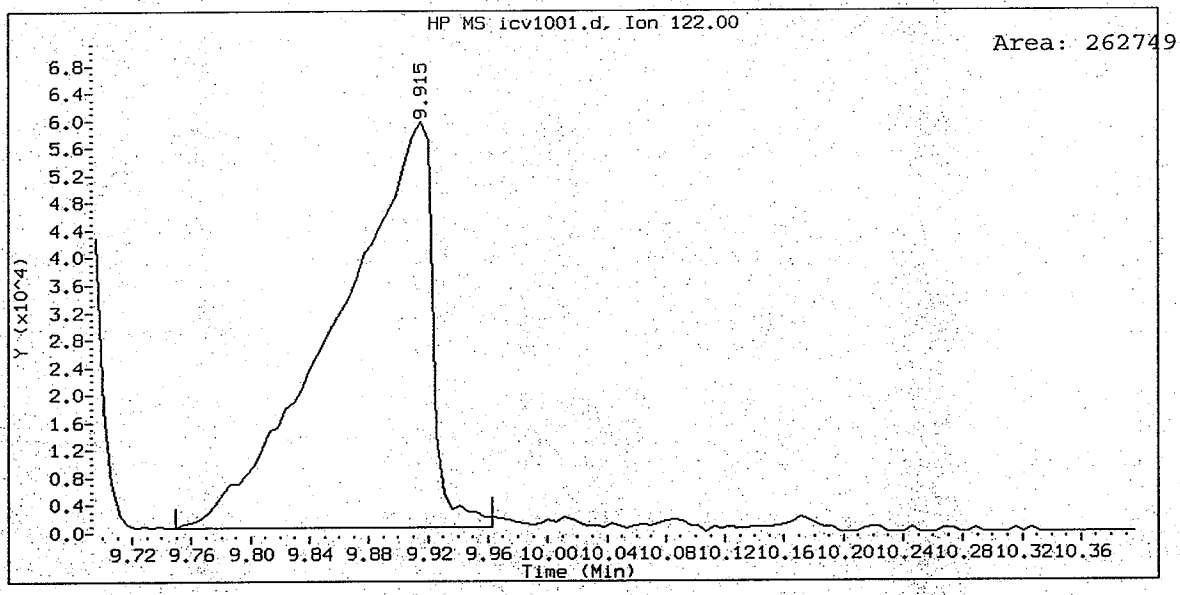


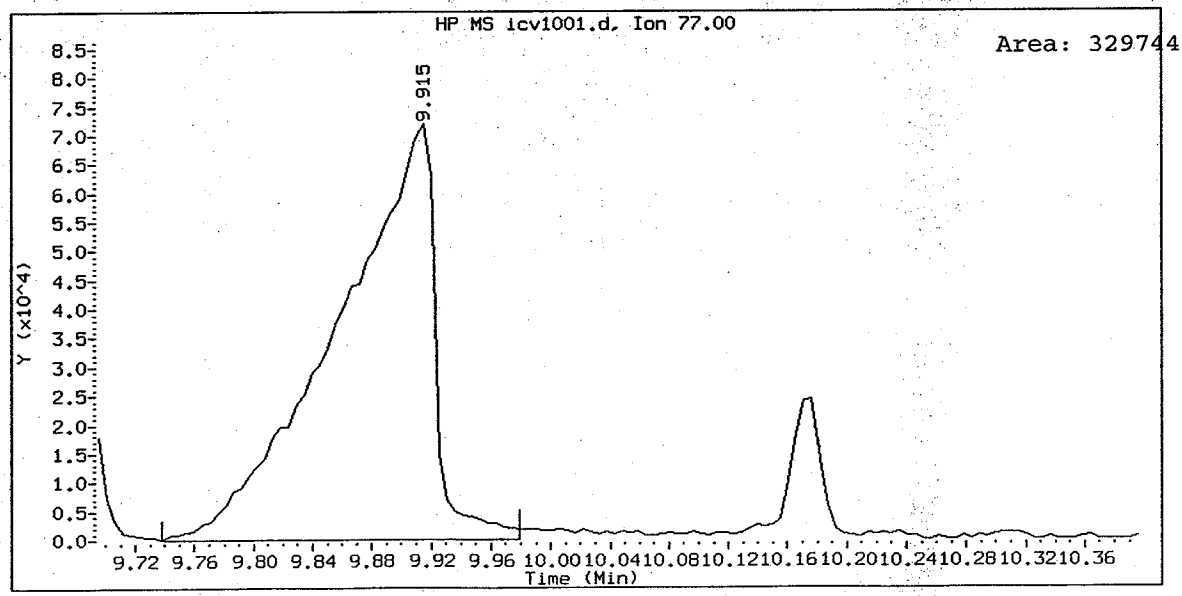




ABN ICV, /chem3/nt4.i/20071001.b/icv1001.d
Benzoic acid Amount: 51.37







7B

SEMIVOLATILE 8270-C CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Instrument ID: NT6 Cont. Calib. Date: 10/18/07

Init. Calib. Date: 09/29/07 Cont. Calib. Time: 1007

COMPOUND	$\overline{RRF}$	RRF25	MIN RRF	%D	MAX %D
Phenol	2.333	2.135	0.100	8.5	20.0
Bis(2-Chloroethyl)ether	1.577	1.586	0.100	-0.6	
2-Chlorophenol	1.404	1.380	0.100	1.7	
1,3-Dichlorobenzene	1.560	1.491	0.100	4.4	
1,4-Dichlorobenzene	1.608	1.544	0.100	4.0	20.0
1,2-Dichlorobenzene	1.513	1.441	0.100	4.8	
Benzyl alcohol	0.912	1.134	0.100	-24.3	
2,2'-oxybis(1-Chloropropane)	1.455	1.615	0.100	-11.0	
2-Methylphenol	1.341	1.478	0.100	-10.2	
Hexachloroethane	0.710	0.676	0.100	4.8	
N-Nitroso-di-n-propylamine	1.406	1.479	0.050	-5.2	
4-Methylphenol	1.405	1.603	0.100	-14.1	
Nitrobenzene	0.690	0.619	0.100	10.3	
Isophorone	1.016	1.019	0.100	-0.3	
2-Nitrophenol	0.231	0.220	0.100	4.8	20.0
2,4-Dimethylphenol	0.527	0.505	0.100	4.2	
Bis(2-Chloroethoxy)methane	0.563	0.557	0.100	1.1	
2,4-Dichlorophenol	0.349	0.354	0.100	-1.4	20.0
1,2,4-Trichlorobenzene	0.426	0.384	0.100	9.8	
Naphthalene	1.233	1.165	0.100	5.5	
Benzoic acid	0.360	0.395	0.100	-9.7	
4-Chloroaniline	0.477	0.481	0.100	-0.8	
Hexachlorobutadiene	0.284	0.242	0.100	14.8	20.0
4-Chloro-3-methylphenol	0.408	0.428	0.100	-4.9	20.0
2-Methylnaphthalene	0.620	0.608	0.100	1.9	
Hexachlorocyclopentadiene	0.444	0.419	0.050	5.6	
2,4,6-Trichlorophenol	0.494	0.448	0.100	9.3	20.0
2,4,5-Trichlorophenol	0.478	0.458	0.100	4.2	
2-Chloronaphthalene	1.338	1.170	0.100	12.6	
2-Nitroaniline	0.599	0.555	0.100	7.3	
Acenaphthylene	2.051	1.854	0.100	9.6	
Dimethylphthalate	1.354	1.295	0.100	4.4	
2,6-Dinitrotoluene	0.337	0.301	0.100	10.7	
Acenaphthene	1.294	1.204	0.100	7.0	20.0
3-Nitroaniline	0.322	0.351	0.100	-9.0	
2,4-Dinitrophenol	0.249	0.311	0.050	-24.9	
Dibenzofuran	1.814	1.730	0.100	4.6	

<- Outside QC limits

FORM VII SV-1

SEMIVOLATILE 8270-C CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Instrument ID: NT6 Cont. Calib. Date: 10/18/07

Init. Calib. Date: 09/29/07 Cont. Calib. Time: 1007

COMPOUND	$\overline{RRF}$	RRF25	MIN RRF	%D	MAX %D
4-Nitrophenol	0.294	0.274	0.050	6.8	
2,4-Dinitrotoluene	0.409	0.409	0.100	0.0	
Fluorene	1.432	1.389	0.100	3.0	
4-Chlorophenyl-phenylether	0.798	0.733	0.100	8.1	
Diethylphthalate	1.368	1.369	0.100	-0.1	
4-Nitroaniline	0.288	0.326	0.100	-13.2	
4,6-Dinitro-2-methylphenol	0.202	0.202	0.100	0.0	
N-Nitrosodiphenylamine(1)	0.510	0.462	0.100	9.4	
4-Bromophenyl-phenylether	0.277	0.251	0.100	9.4	
Hexachlorobenzene	0.282	0.250	0.100	11.3	
Pentachlorophenol	0.177	0.165	0.100	6.8	20.0
Phenanthrene	1.283	1.223	0.100	4.7	
Anthracene	1.285	1.248	0.100	2.9	
Carbazole	1.143	1.130	0.100	1.1	
Di-n-butylphthalate	1.333	1.343	0.100	-0.8	
Fluoranthene	1.467	1.445	0.100	1.5	20.0
Pyrene	1.436	1.441	0.100	-0.3	
Butylbenzylphthalate	0.631	0.618	0.100	2.1	
Benzo(a)anthracene	1.567	1.438	0.100	8.2	
3,3'-Dichlorobenzidine	0.641	0.568	0.100	11.4	
Chrysene	1.408	1.284	0.100	8.8	
bis(2-Ethylhexyl)phthalate	0.605	0.617	0.100	-2.0	
Di-n-octylphthalate	1.154	1.089	0.100	5.6	20.0
Benzo(b)fluoranthene	1.436	1.500	0.100	-4.4	
Benzo(k)fluoranthene	1.519	1.435	0.100	5.5	
Benzo(a)pyrene	1.318	1.266	0.100	3.9	20.0
Indeno(1,2,3-cd)pyrene	1.564	1.435	0.100	8.2	
Dibenzo(a,h)anthracene	1.314	1.207	0.100	8.1	
Benzo(g,h,i)perylene	1.564	1.191	0.100	23.8	
N-Nitrosodimethylamine	1.145	1.193	0.100	-4.2	
Aniline	2.678	2.522	0.100	5.8	
Benzidine	0.671	0.505	0.100	24.7	
Pyridine	1.695	1.866	0.100	-10.1	
1-methylnaphthalene	0.618	0.615	0.100	0.5	
Azobenzene (1,2-DP-Hydrazine	1.992	1.894	0.100	4.9	

(1) Cannot be separated from Diphenylamine
<- Outside QC limits

7C

SEMIVOLATILE 8270-C CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Instrument ID: NT6 Cont. Calib. Date: 10/18/07

Init. Calib. Date: 09/29/07 Cont. Calib. Time: 1007

COMPOUND	$\overline{RRF}$	RRF25	MIN RRF	%D	MAX %D
2-Fluorophenol	1.474	1.497	0.100	-1.6	
Phenol-d5	1.883	1.876	0.100	0.4	
2-Chlorophenol-d4	1.254	1.257	0.100	-0.2	
1,2-Dichlorobenzene-d4	0.940	0.929	0.100	1.2	
Nitrobenzene-d5	0.642	0.588	0.100	8.4	
2-Fluorobiphenyl	1.557	1.366	0.100	12.3	
2,4,6-Tribromophenol	0.194	0.195	0.100	-0.5	
Terphenyl-d14	0.899	0.921	0.100	-2.4	

<- Outside QC limits

Data File: /chem1/nt6.i/20071018.b/cc1018.d
Report Date: 18-Oct-2007 10:42

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i
Lab File ID: cc1018.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem1/nt6.i/20071018.b/SW846.m

Injection Date: 18-OCT-2007 10:07
Init. Cal. Date(s): 29-SEP-2007 01-OCT-2007
Init. Cal. Times: 14:57 13:47
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 2-Fluorophenol	1.47384	1.49686	0.010	1.56209	100	Averaged
$ 2 Phenol-d5	1.88273	1.87646	0.010	-0.33314	100	Averaged
3 Phenol	2.33331	2.13545	0.010	-8.47959	20.00000	Averaged
$ 5 2-Chlorophenol-d4	1.25395	1.25671	0.010	0.21955	100	Averaged
4 Bis(2-Chloroethyl)ether	1.57685	1.58583	0.010	0.56972	100	Averaged
6 2-Chlorophenol	1.40371	1.37998	0.010	-1.69030	100	Averaged
7 1,3-Dichlorobenzene	1.55975	1.49143	0.010	-4.38000	100	Averaged
9 1,4-Dichlorobenzene	1.60848	1.54404	0.010	-4.00578	20.00000	Averaged
$ 10 1,2-Dichlorobenzene-d4	0.94033	0.92927	0.010	-1.17599	100	Averaged
12 1,2-Dichlorobenzene	1.51270	1.44066	0.010	-4.76271	100	Averaged
11 Benzyl alcohol	0.91233	1.13392	0.010	24.28925	100	Averaged
14 2,2'-oxybis(1-Chloropropane	1.45514	1.61480	0.010	10.97143	100	Averaged
13 2-Methylphenol	1.34096	1.47781	0.010	10.20550	100	Averaged
17 Hexachloroethane	0.71048	0.67649	0.010	-4.78475	100	Averaged
16 N-Nitroso-di-n-propylamine	1.40625	1.47926	0.050	5.19160	100	Averaged
15 4-Methylphenol	1.40450	1.60349	0.010	14.16778	100	Averaged
$ 18 Nitrobenzene-d5	0.64259	0.58840	0.010	-8.43302	100	Averaged
19 Nitrobenzene	0.68968	0.61892	0.010	-10.25991	100	Averaged
20 Isophorone	1.01554	1.01922	0.010	0.36266	100	Averaged
21 2-Nitrophenol	0.23065	0.22027	0.010	-4.49948	20.00000	Averaged
22 2,4-Dimethylphenol	0.52701	0.50516	0.010	-4.14635	100	Averaged
23 Bis(2-Chloroethoxy)methane	0.56290	0.55733	0.010	-0.98919	100	Averaged
24 Benzoic acid	0.35970	0.39545	0.010	9.93949	100	Averaged
25 2,4-Dichlorophenol	0.34931	0.35367	0.010	1.24713	20.00000	Averaged
26 1,2,4-Trichlorobenzene	0.42584	0.38413	0.010	-9.79495	100	Averaged
28 Naphthalene	1.23282	1.16503	0.010	-5.49893	100	Averaged
29 4-Chloroaniline	0.47690	0.48116	0.010	0.89319	100	Averaged
30 Hexachlorobutadiene	0.28403	0.24247	0.010	-14.63315	20.00000	Averaged
31 4-Chloro-3-methylphenol	0.40805	0.42809	0.010	4.91018	20.00000	Averaged
32 2-Methylnaphthalene	0.61944	0.60800	0.010	-1.84815	100	Averaged
33 Hexachlorocyclopentadiene	0.44421	0.41891	0.050	-5.69691	100	Averaged
34 2,4,6-Trichlorophenol	0.49375	0.44859	0.010	-9.14535	20.00000	Averaged
35 2,4,5-Trichlorophenol	0.47824	0.45807	0.010	-4.21717	100	Averaged
$ 36 2-Fluorobiphenyl	1.55719	1.36611	0.010	-12.27080	100	Averaged
37 2-Chloronaphthalene	1.33788	1.16958	0.010	-12.57926	100	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i Injection Date: 18-OCT-2007 10:07
Lab File ID: cc1018.d Init. Cal. Date(s): 29-SEP-2007 01-OCT-2007
Analysis Type: Init. Cal. Times: 14:57 13:47
Lab Sample ID: ABN 25 Quant Type: ISTD
Method: /chem1/nt6.i/20071018.b/SW846.m

COMPOUND	RRF / AMOUNT	RF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
38 2-Nitroaniline	0.59919	0.55533	0.010	-7.32018	100	Averaged
39 Dimethylphthalate	1.35379	1.29475	0.010	-4.36109	100	Averaged
40 Acenaphthylene	2.05083	1.85406	0.010	-9.59447	100	Averaged
41 2,6-Dinitrotoluene	0.33674	0.30097	0.010	-10.62275	100	Averaged
43 3-Nitroaniline	0.32156	0.35116	0.010	9.20627	100	Averaged
44 Acenaphthene	1.29437	1.20370	0.010	-7.00526	20.00000	Averaged
45 2,4-Dinitrophenol	0.24942	0.31139	0.050	24.84535	100	Averaged
46 Dibenzofuran	1.81339	1.72951	0.010	-4.62557	100	Averaged
47 4-Nitrophenol	0.29394	0.27456	0.050	-6.59377	100	Averaged
48 2,4-Dinitrotoluene	0.40959	0.40912	0.010	-0.11594	100	Averaged
50 Diethylphthalate	1.36855	1.36885	0.010	0.02215	100	Averaged
49 Fluorene	1.43231	1.38924	0.010	-3.00694	100	Averaged
51 4-Chlorophenyl-phenylether	0.79815	0.73289	0.010	-8.17536	100	Averaged
52 4-Nitroaniline	0.28780	0.32645	0.010	13.42961	100	Averaged
53 4,6-Dinitro-2-methylphenol	0.20256	0.20191	0.010	-0.31823	100	Averaged
54 N-Nitrosodiphenylamine	0.50987	0.46216	0.010	-9.35816	20.00000	Averaged
$ 55 2,4,6-Tribromophenol	0.19404	0.19516	0.010	0.57343	100	Averaged
56 4-Bromophenyl-phenylether	0.27681	0.25066	0.010	-9.44786	100	Averaged
57 Hexachlorobenzene	0.28163	0.25039	0.010	-11.09352	100	Averaged
58 Pentachlorophenol	0.17671	0.16528	0.010	-6.46606	20.00000	Averaged
60 Phenanthrene	1.28321	1.22289	0.010	-4.70117	100	Averaged
61 Anthracene	1.28488	1.24767	0.010	-2.89592	100	Averaged
62 Carbazole	1.14292	1.13015	0.010	-1.11739	100	Averaged
63 Di-n-butylphthalate	1.33265	1.34271	0.010	0.75473	100	Averaged
64 Fluoranthene	1.46745	1.44529	0.010	-1.50981	20.00000	Averaged
65 Pyrene	1.43642	1.44091	0.010	0.31265	100	Averaged
$ 66 Terphenyl-d14	0.89909	0.92114	0.010	2.45288	100	Averaged
67 Butylbenzylphthalate	0.63160	0.61837	0.010	-2.09591	100	Averaged
68 Benzo(a)anthracene	1.56703	1.43773	0.010	-8.25135	100	Averaged
70 3,3'-Dichlorobenzidine	0.64134	0.56811	0.010	-11.41749	100	Averaged
71 Chrysene	1.40821	1.28404	0.010	-8.81744	100	Averaged
72 bis(2-Ethylhexyl)phthalate	0.60475	0.61732	0.010	2.07820	100	Averaged
73 Di-n-octylphthalate	1.15362	1.08892	0.010	-5.60810	20.00000	Averaged
74 Benzo(b)fluoranthene	1.43619	1.49995	0.010	4.43955	100	Averaged
75 Benzo(k)fluoranthene	1.51926	1.43521	0.010	-5.53254	100	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i Injection Date: 18-OCT-2007 10:07
Lab File ID: cc1018.d Init. Cal. Date(s): 29-SEP-2007 01-OCT-2007
Analysis Type: Init. Cal. Times: 14:57 13:47
Lab Sample ID: ABN 25 Quant Type: ISTD
Method: /chem1/nt6.i/20071018.b/SW846.m

COMPOUND	RRF / AMOUNT	RF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
76 Benzo(a)pyrene	1.31840	1.26593	0.010	-3.97964	20.00000	Averaged	
78 Indeno(1,2,3-cd)pyrene	1.56357	1.43505	0.010	-8.21942	100	Averaged	
79 Dibenzo(a,h)anthracene	1.31366	1.20662	0.010	-8.14811	100	Averaged	
80 Benzo(g,h,i)perylene	1.56357	1.19134	0.010	-23.80643	100	Averaged	
90 N-Nitrosodimethylamine	1.14504	1.19321	0.010	4.20694	100	Averaged	
103 Pyridine	1.69497	1.86572	0.010	10.07369	100	Averaged	
91 Aniline	2.67837	2.52235	0.010	-5.82527	100	Averaged	
105 1-methylnaphthalene	0.61773	0.61541	0.010	-0.37607	100	Averaged	
93 Benzidine	0.67141	0.50506	0.010	-24.77533	100	Averaged	
111 Azobenzene (1,2-DP-Hydrazin	1.99216	1.89394	0.010	-4.93054	100	Averaged	
144 alpha-Terpineol	0.37409	0.36772	0.010	-1.70425	100	Averaged	
143 1,4-Dioxane	0.69789	++++	0.010	++++	100	Averaged	<-
$ 137 d8-1,4-Dioxane	0.69921	++++	0.010	++++	100	Averaged	<-
133 Butylatedhydroxytoluene	1.34218	1.14773	0.010	-14.48791	100	Averaged	
115 Tributyl Phosphate	1.17681	1.18916	0.010	1.04928	100	Averaged	
116 Dibutyl Phenyl Phosphate	0.67952	0.68489	0.010	0.79141	100	Averaged	
117 Butyl Diphenyl Phosphate	0.29421	0.29573	0.010	0.51602	100	Averaged	
118 Triphenyl Phosphate	0.23784	0.21547	0.010	-9.40362	100	Averaged	
123 Acetophenone	2.02940	2.05825	0.010	1.42120	100	Averaged	

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071018.b/cc1018.d
Lab Smp Id: ABN 25
Inj Date : 18-OCT-2007 10:07
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20071018.b/SW846.m
Meth Date : 18-Oct-2007 14:52 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

LJR 10/18/07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$ 1	2-Fluorophenol	112	5.917	5.917	(0.749)	391737	25.0000	25.39
$ 2	Phenol-d5	99	7.488	7.488	(0.947)	491082	25.0000	24.92
3	Phenol	94	7.504	7.504	(0.949)	558861	25.0000	22.88
$ 5	2-Chlorophenol-d4	132	7.600	7.600	(0.961)	328888	25.0000	25.05
4	Bis(2-Chloroethyl)ether	93	7.579	7.579	(0.959)	415022	25.0000	25.14
6	2-Chlorophenol	128	7.627	7.627	(0.965)	361149	25.0000	24.58
7	1,3-Dichlorobenzene	146	7.840	7.840	(0.992)	390317	25.0000	23.90
* 8	1,4-Dichlorobenzene-d4	152	7.904	7.904	(1.000)	209365	20.0000	
9	1,4-Dichlorobenzene	146	7.931	7.931	(1.003)	404086	25.0000	24.00
$ 10	1,2-Dichlorobenzene-d4	152	8.204	8.204	(1.038)	243195	25.0000	24.71
12	1,2-Dichlorobenzene	146	8.225	8.225	(1.041)	377029	25.0000	23.81
11	Benzyl alcohol	108	8.198	8.198	(1.037)	296755	25.0000	31.07
14	2,2'-oxybis(1-Chloropropane)	45	8.465	8.465	(1.071)	422602	25.0000	27.74
13	2-Methylphenol	108	8.439	8.439	(1.068)	386753	25.0000	27.55
17	Hexachloroethane	117	8.716	8.716	(1.103)	177041	25.0000	23.80
16	N-Nitroso-di-n-propylamine	70	8.679	8.679	(1.098)	387131	25.0000	26.30
15	4-Methylphenol	108	8.674	8.674	(1.097)	419643	25.0000	28.54
$ 18	Nitrobenzene-d5	82	8.845	8.845	(0.882)	512206	25.0000	22.89
19	Nitrobenzene	77	8.871	8.871	(0.884)	538772	25.0000	22.44
20	Isophorone	82	9.261	9.261	(0.923)	887244	25.0000	25.09
21	2-Nitrophenol	139	9.395	9.395	(0.937)	191747	25.0000	23.88
22	2,4-Dimethylphenol	107	9.518	9.518	(0.949)	439744	25.0000	23.96
23	Bis(2-Chloroethoxy)methane	93	9.662	9.662	(0.963)	485159	25.0000	24.75
24	Benzoic acid	105	9.785	9.785	(0.976)	688485	50.0000	54.97 (M)
25	2,4-Dichlorophenol	162	9.780	9.780	(0.975)	307869	25.0000	25.31
26	1,2,4-Trichlorobenzene	180	9.908	9.908	(0.988)	334392	25.0000	22.55
* 27	Naphthalene-d8	136	9.961	9.961	(1.000)	696408	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	9.999	9.999	(0.997)	1014167	25.0000	23.63
	29 4-Chloroaniline	127	10.143	10.143	(1.011)	418856	25.0000	25.22
	30 Hexachlorobutadiene	225	10.319	10.319	(1.029)	211071	25.0000	21.34
	31 4-Chloro-3-methylphenol	107	10.971	10.971	(1.094)	372653	25.0000	26.23
	32 2-Methylnaphthalene	141	11.126	11.126	(1.109)	529266	25.0000	24.54
	33 Hexachlorocyclopentadiene	237	11.510	11.510	(0.896)	223224	25.0000	23.58
	34 2,4,6-Trichlorophenol	196	11.644	11.644	(0.907)	239044	25.0000	22.71
	35 2,4,5-Trichlorophenol	196	11.703	11.703	(0.911)	244093	25.0000	23.95
$	36 2-Fluorobiphenyl	172	11.777	11.777	(0.917)	727963	25.0000	21.93
	37 2-Chloronaphthalene	162	11.906	11.906	(0.927)	623241	25.0000	21.86
	38 2-Nitroaniline	65	12.141	12.141	(0.945)	295921	25.0000	23.17
	39 Dimethylphthalate	163	12.525	12.525	(0.975)	689936	25.0000	23.91
	40 Acenaphthylene	152	12.584	12.584	(0.980)	987980	25.0000	22.60
	41 2,6-Dinitrotoluene	165	12.616	12.616	(0.983)	160377	25.0000	22.34
*	42 Acenaphthene-d10	164	12.841	12.841	(1.000)	426299	20.0000	
	43 3-Nitroaniline	138	12.825	12.825	(0.999)	187125	25.0000	27.30
	44 Acenaphthene	153	12.894	12.894	(1.004)	641418	25.0000	23.25
	45 2,4-Dinitrophenol	184	12.995	12.995	(1.012)	331861	50.0000	62.42
	46 Dibenzofuran	168	13.156	13.156	(1.025)	921613	25.0000	23.84
	47 4-Nitrophenol	109	13.145	13.145	(1.024)	146307	25.0000	23.35
	48 2,4-Dinitrotoluene	165	13.241	13.241	(1.031)	218007	25.0000	24.97
	50 Diethylphthalate	149	13.695	13.695	(1.067)	729424	25.0000	25.01
	49 Fluorene	166	13.711	13.711	(1.068)	740292	25.0000	24.25
	51 4-Chlorophenyl-phenylether	204	13.743	13.743	(1.070)	390540	25.0000	22.96
	52 4-Nitroaniline	138	13.823	13.823	(1.077)	173955	25.0000	28.36
	53 4,6-Dinitro-2-methylphenol	198	13.904	13.904	(0.913)	346731	50.0000	49.84
	54 N-Nitrosodiphenylamine	169	13.952	13.952	(0.916)	396812	25.0000	22.66
$	55 2,4,6-Tribromophenol	330	14.139	14.139	(1.101)	103993	25.0000	25.14
	56 4-Bromophenyl-phenylether	248	14.529	14.529	(0.954)	215216	25.0000	22.64
	57 Hexachlorobenzene	284	14.742	14.742	(0.968)	214985	25.0000	22.23
	58 Pentachlorophenol	266	15.047	15.047	(0.988)	141915	25.0000	23.38
*	59 Phenanthrene-d10	188	15.223	15.223	(1.000)	686887	20.0000	
	60 Phenanthrene	178	15.261	15.261	(1.002)	1049982	25.0000	23.82
	61 Anthracene	178	15.335	15.335	(1.007)	1071260	25.0000	24.28
	62 Carbazole	167	15.624	15.624	(1.026)	970356	25.0000	24.72
	63 Di-n-butylphthalate	149	16.350	16.350	(1.074)	1152865	25.0000	25.19
	64 Fluoranthene	202	17.205	17.205	(1.130)	1240941	25.0000	24.62
	65 Pyrene	202	17.563	17.563	(0.898)	1294563	25.0000	25.08
$	66 Terphenyl-d14	244	17.884	17.884	(0.914)	827587	25.0000	25.61
	67 Butylbenzylphthalate	149	18.776	18.776	(0.960)	555561	25.0000	24.48
	68 Benzo(a)anthracene	228	19.529	19.529	(0.999)	1291704	25.0000	22.94
*	69 Chrysene-d12	240	19.556	19.556	(1.000)	718747	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.545	19.545	(0.999)	510413	25.0000	22.15
	71 Chrysene	228	19.598	19.598	(1.002)	1153626	25.0000	22.80
	72 bis(2-Ethylhexyl)phthalate	149	19.785	19.785	(0.955)	796029	25.0000	25.52
*	134 Di-n-octylphthalate-d4	153	20.720	20.720	(1.000)	1031594	20.0000	
	73 Di-n-octylphthalate	149	20.731	20.731	(1.000)	1404158	25.0000	23.60

	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	21.190	21.190	(0.976)	1276304	25.0000	26.11
75	Benzo(k)fluoranthene	252	21.228	21.228	(0.977)	1221212	25.0000	23.62
76	Benzo(a)pyrene	252	21.639	21.639	(0.996)	1077176	25.0000	24.01
* 77	Perylene-d12	264	21.719	21.719	(1.000)	680717	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	23.215	23.215	(1.069)	1221081	25.0000	22.95
79	Dibenzo(a,h)anthracene	278	23.236	23.236	(1.070)	1026711	25.0000	22.96
80	Benzo(g,h,i)perylene	276	23.616	23.616	(1.087)	1013706	25.0000	19.05
90	N-Nitrosodimethylamine	74	3.139	3.139	(0.397)	312270	25.0000	26.05
103	Pyridine	79	3.118	3.118	(0.394)	488270	25.0000	27.52
91	Aniline	93	7.456	7.456	(0.943)	660115	25.0000	23.54
105	1-methylnaphthalene	141	11.297	11.297	(1.126)	535717	25.0000	24.91
93	Benzidine	184	17.461	17.461	(0.893)	453767	25.0000	18.81
111	Azobenzene (1,2-DP-Hydrazine)	77	14.000	14.000	(1.090)	1009231	25.0000	23.77
144	alpha-Terpineol	59	10.031	10.031	(1.000)	320101	25.0000	24.57
143	1,4-Dioxane	88	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
133	Butylatedhydroxytoluene	205	13.028	13.028	(1.015)	611594	25.0000	21.38
115	Tributyl Phosphate	99	14.064	14.064	(0.924)	1021022	25.0000	25.26
116	Dibutyl Phenyl Phosphate	175	15.795	15.795	(1.038)	588055	25.0000	25.20
117	Butyl Diphenyl Phosphate	94	17.483	17.483	(0.894)	265695	25.0000	25.13
118	Triphenyl Phosphate	326	19.091	19.091	(0.976)	193590	25.0000	22.65
123	Acetophenone	105	8.610	8.610	(1.089)	538656	25.0000	25.36

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: cc1018.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info:

Calibration Date: 18-OCT-2007
Calibration Time: 10:07

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	209365	-1.28
27 Naphthalene-d8	656578	328289	1313156	696408	6.07
42 Acenaphthene-d10	353705	176852	707410	426299	20.52
59 Phenanthrene-d10	526440	263220	1052880	686887	30.48
69 Chrysene-d12	581923	290962	1163846	718747	23.51
134 Di-n-octylphthala	979097	489548	1958194	1031594	5.36
77 Perylene-d12	686531	343266	1373062	680717	-0.85

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.90	7.40	8.40	7.90	0.00
27 Naphthalene-d8	9.96	9.46	10.46	9.96	0.00
42 Acenaphthene-d10	12.84	12.34	13.34	12.84	0.00
59 Phenanthrene-d10	15.22	14.72	15.72	15.22	0.00
69 Chrysene-d12	19.56	19.06	20.06	19.56	0.00
134 Di-n-octylphthala	20.72	20.22	21.22	20.72	0.00
77 Perylene-d12	21.72	21.22	22.22	21.72	0.00

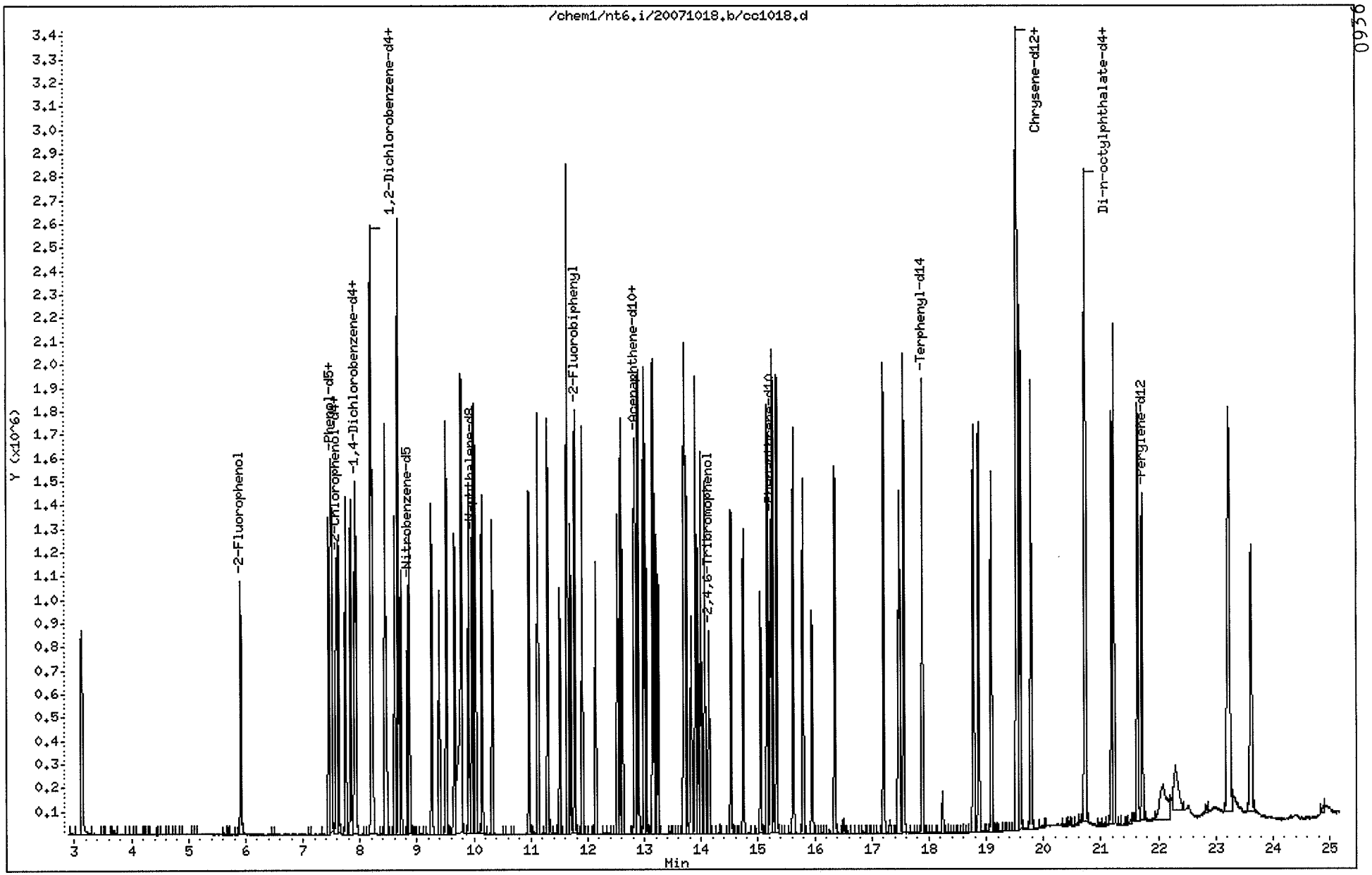
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20071018.b/cc1018.d
Date : 18-OCT-2007 10:07
Client ID:
Sample Info: ABN 25

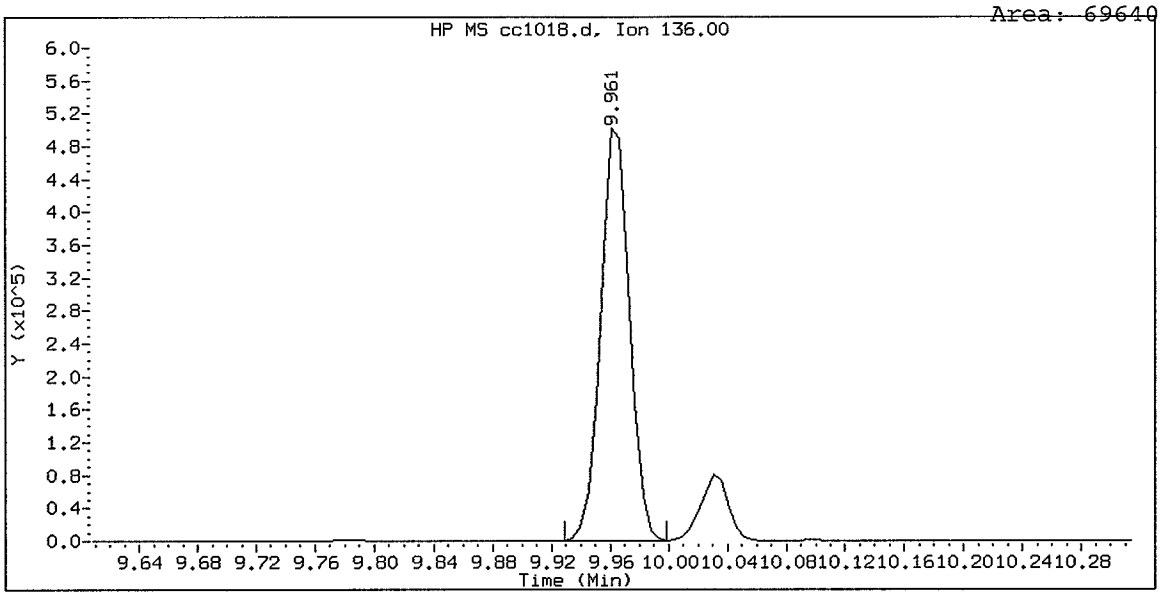
Instrument: nt6.i

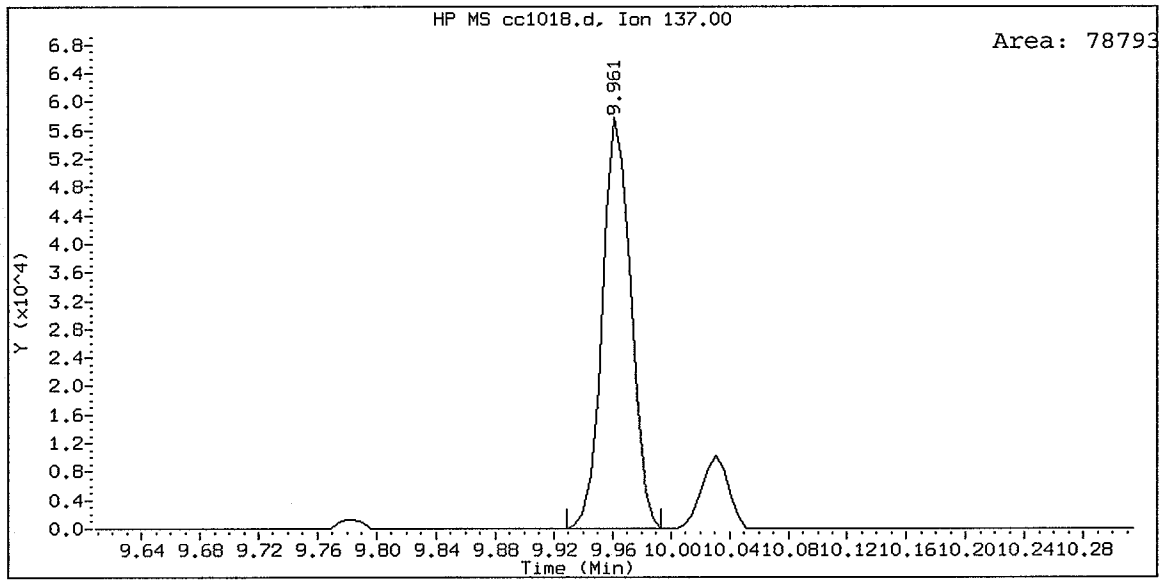
Operator: LJR/VTS
Column diameter: 0.32

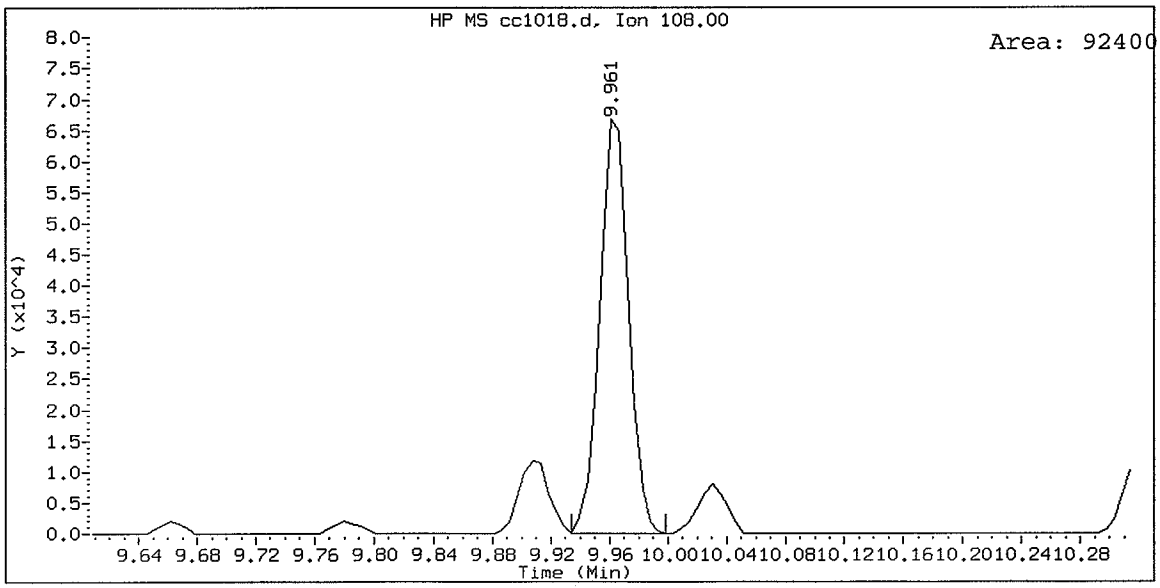
Column phase: ZB-5



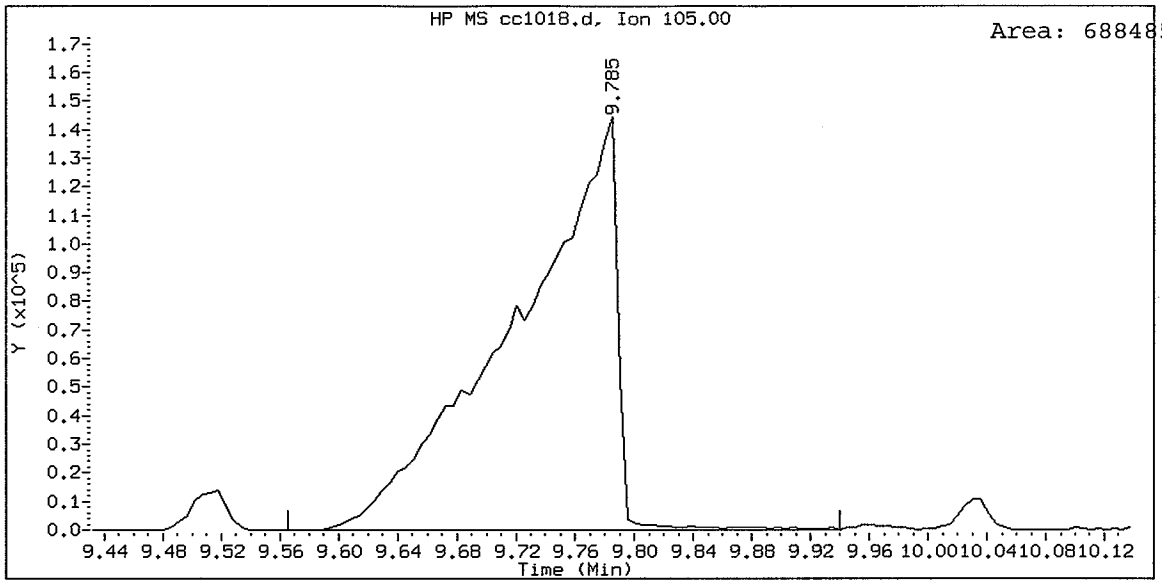
ABN 25, /chem1/nt6.i/20071018.b/cc1018.d
Naphthalene-d8 Amount: 20.00

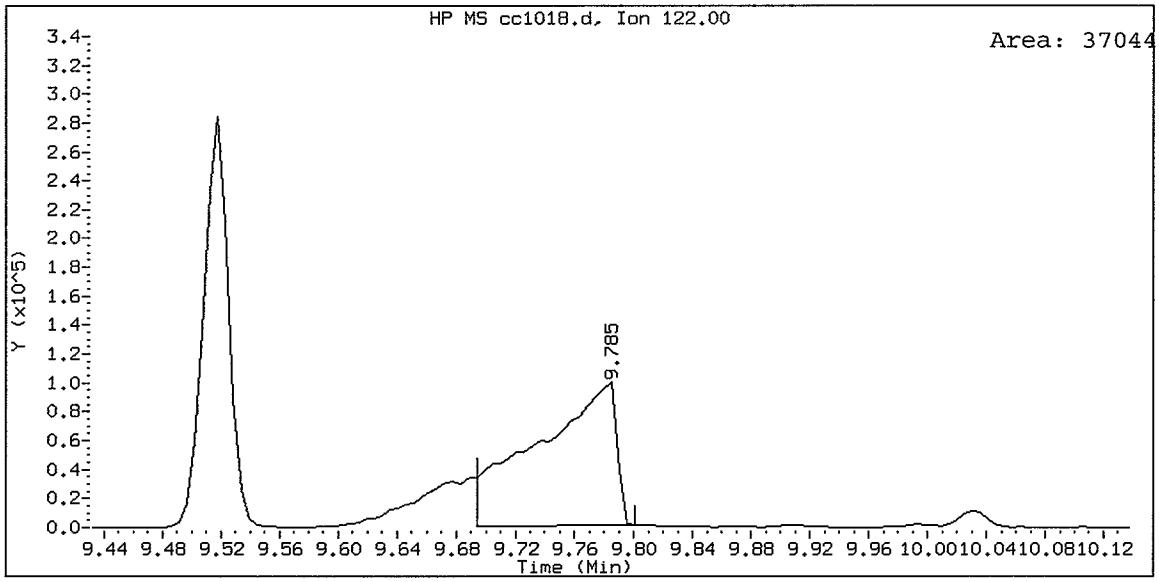


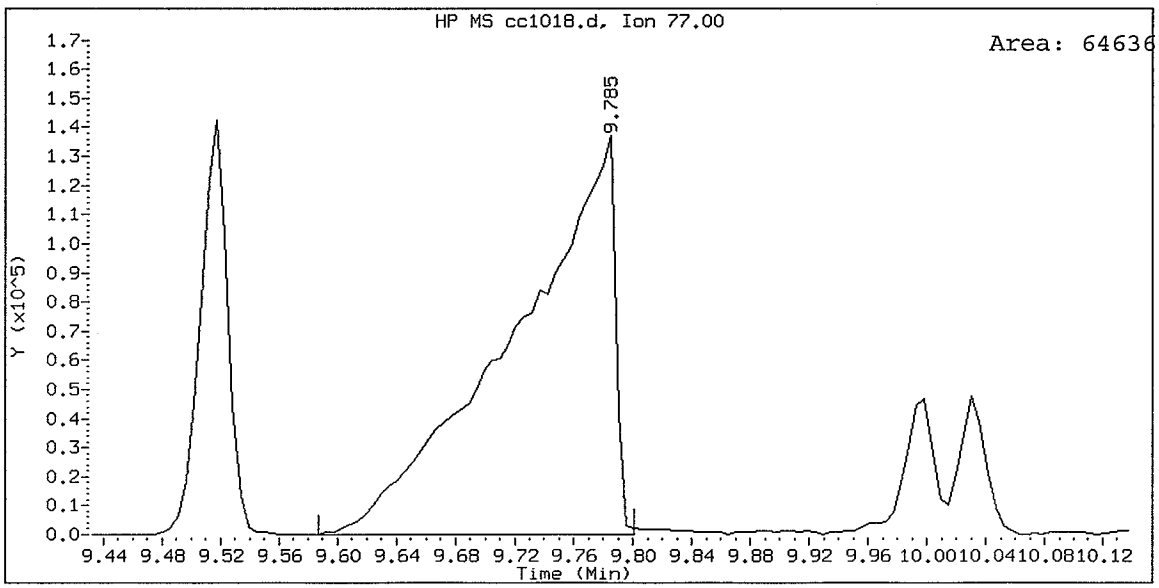




ABN 25, /chem1/nt6.i/20071018.b/cc1018.d
Benzoic acid Amount: 54.97







Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem1/nt6.i/20071018.b/ddt.b/cc1018.d ARI ID:
Method: /chem1/nt6.i/20071018.b/ddt.b/sw846ddt.m Misc:
Analysis Date: 18-OCT-2007 10:07 Instrument: nt6.i

COMPOUND	RT	AREA
Pentachlorophenol	15.047	141915
Benzidine	17.461	453767
4,4'-DDE	----	----
4,4'-DDD	18.396	1267
4,4'-DDT	18.872	454737

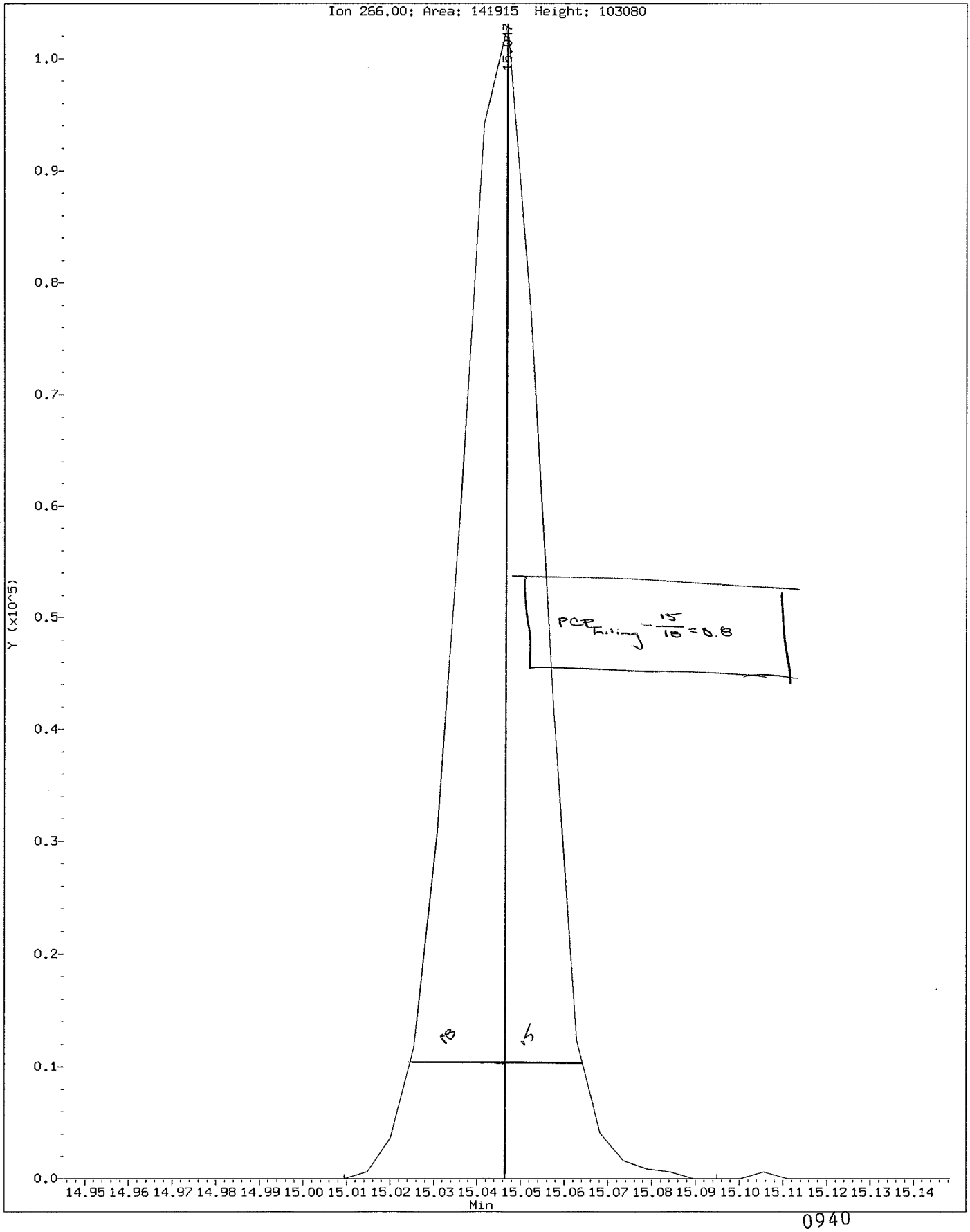
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(0 + 1267) * 100}{(0 + 1267 + 454737)}$$

DDT Percent Breakdown = 0.3 %

Data File: /chem1/nt6.i/20071018.b/ddt.b/cc1018.d
Injection Date: 18-OCT-2007 10:07
Instrument: nt6.i
Client Sample ID:

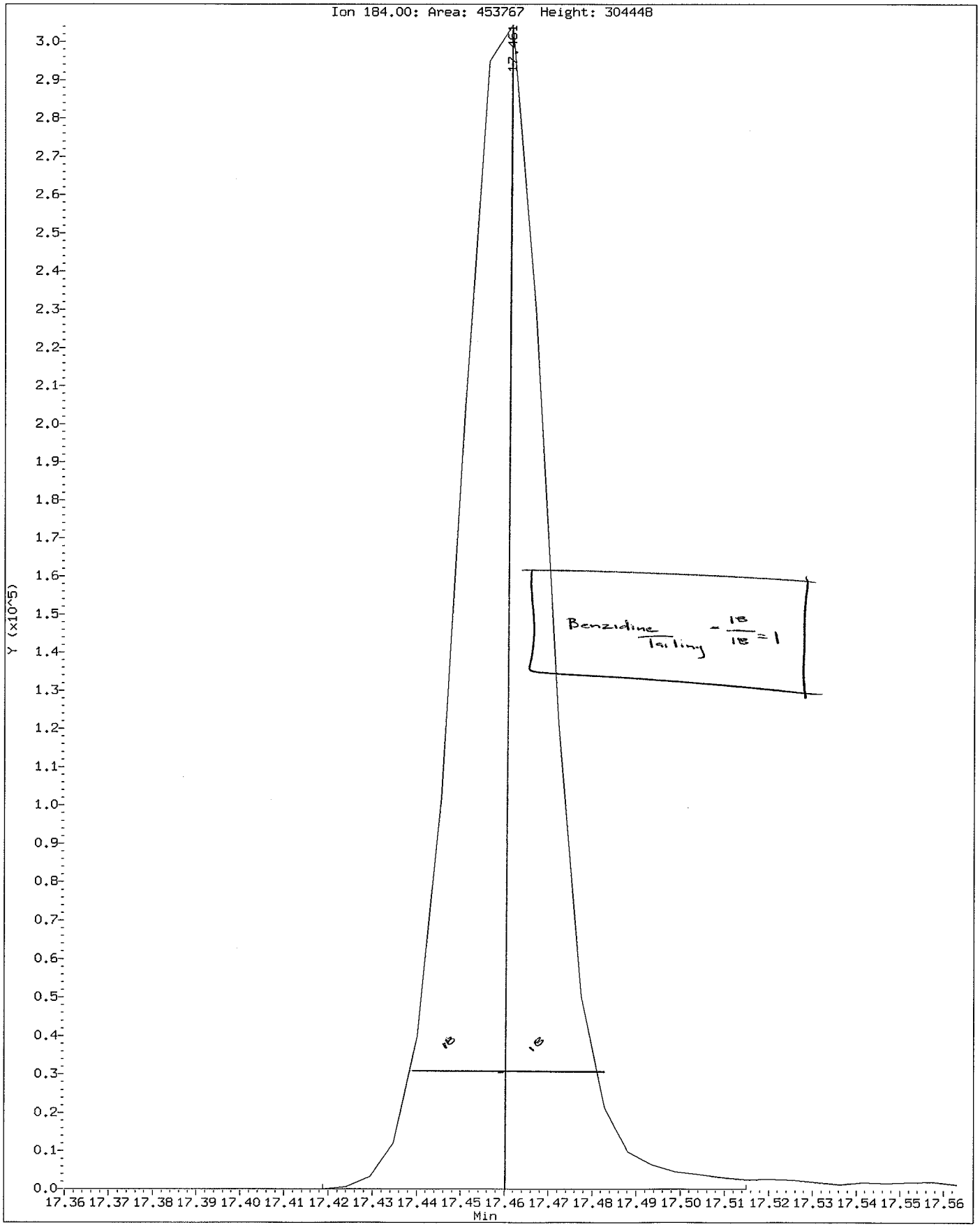
Compound: Pentachlorophenol
CAS Number: 87-86-5



0940

Data File: /chem1/nt6.i/20071018.b/ddt.b/cc1018.d
Injection Date: 18-OCT-2007 10:07
Instrument: nt6.i
Client Sample ID:

Compound: Benzidine
CAS Number:



7B

SEMIVOLATILE 8270-C CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Instrument ID: NT6 Cont. Calib. Date: 10/19/07

Init. Calib. Date: 09/29/07 Cont. Calib. Time: 0925

COMPOUND	$\overline{RRF}$	RRF25	MIN RRF	%D	MAX %D
Phenol	2.333	2.043	0.100	12.4	20.0
Bis(2-Chloroethyl)ether	1.577	1.580	0.100	-0.2	
2-Chlorophenol	1.404	1.351	0.100	3.8	
1,3-Dichlorobenzene	1.560	1.481	0.100	5.1	
1,4-Dichlorobenzene	1.608	1.534	0.100	4.6	20.0
1,2-Dichlorobenzene	1.513	1.444	0.100	4.6	
Benzyl alcohol	0.912	1.057	0.100	-15.9	
2,2'-oxybis(1-Chloropropane)	1.455	1.570	0.100	-7.9	
2-Methylphenol	1.341	1.406	0.100	-4.8	
Hexachloroethane	0.710	0.650	0.100	8.4	
N-Nitroso-di-n-propylamine	1.406	1.357	0.050	3.5	
4-Methylphenol	1.405	1.506	0.100	-7.2	
Nitrobenzene	0.690	0.610	0.100	11.6	
Isophorone	1.016	0.957	0.100	5.8	
2-Nitrophenol	0.231	0.222	0.100	3.9	20.0
2,4-Dimethylphenol	0.527	0.492	0.100	6.6	
Bis(2-Chloroethoxy)methane	0.563	0.541	0.100	3.9	
2,4-Dichlorophenol	0.349	0.347	0.100	0.6	20.0
1,2,4-Trichlorobenzene	0.426	0.384	0.100	9.8	
Naphthalene	1.233	1.155	0.100	6.3	
Benzoic acid	0.360	0.354	0.100	1.7	
4-Chloroaniline	0.477	0.460	0.100	3.6	
Hexachlorobutadiene	0.284	0.246	0.100	13.4	20.0
4-Chloro-3-methylphenol	0.408	0.399	0.100	2.2	20.0
2-Methylnaphthalene	0.620	0.593	0.100	4.4	
Hexachlorocyclopentadiene	0.444	0.374	0.050	15.8	
2,4,6-Trichlorophenol	0.494	0.447	0.100	9.5	20.0
2,4,5-Trichlorophenol	0.478	0.457	0.100	4.4	
2-Chloronaphthalene	1.338	1.196	0.100	10.6	
2-Nitroaniline	0.599	0.527	0.100	12.0	
Acenaphthylene	2.051	1.872	0.100	8.7	
Dimethylphthalate	1.354	1.254	0.100	7.4	
2,6-Dinitrotoluene	0.337	0.299	0.100	11.3	
Acenaphthene	1.294	1.209	0.100	6.6	20.0
3-Nitroaniline	0.322	0.332	0.100	-3.1	
2,4-Dinitrophenol	0.249	0.270	0.050	-8.4	
Dibenzofuran	1.814	1.721	0.100	5.1	

<- Outside QC limits

FORM VII SV-1

SEMIVOLATILE 8270-C CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Instrument ID: NT6 Cont. Calib. Date: 10/19/07

Init. Calib. Date: 09/29/07 Cont. Calib. Time: 0925

COMPOUND	$\overline{RRF}$	RRF25	MIN RRF	%D	MAX %D
4-Nitrophenol	0.294	0.287	0.050	2.4	
2,4-Dinitrotoluene	0.409	0.385	0.100	5.9	
Fluorene	1.432	1.369	0.100	4.4	
4-Chlorophenyl-phenylether	0.798	0.710	0.100	11.0	
Diethylphthalate	1.368	1.324	0.100	3.2	
4-Nitroaniline	0.288	0.317	0.100	-10.1	
4,6-Dinitro-2-methylphenol	0.202	0.191	0.100	5.4	
N-Nitrosodiphenylamine(1)	0.510	0.447	0.100	12.4	
4-Bromophenyl-phenylether	0.277	0.246	0.100	11.2	
Hexachlorobenzene	0.282	0.247	0.100	12.4	
Pentachlorophenol	0.177	0.162	0.100	8.5	20.0
Phenanthrene	1.283	1.207	0.100	5.9	
Anthracene	1.285	1.236	0.100	3.8	
Carbazole	1.143	1.127	0.100	1.4	
Di-n-butylphthalate	1.333	1.355	0.100	-1.6	
Fluoranthene	1.467	1.491	0.100	-1.6	20.0
Pyrene	1.436	1.374	0.100	4.3	
Butylbenzylphthalate	0.631	0.613	0.100	2.8	
Benzo(a)anthracene	1.567	1.388	0.100	11.4	
3,3'-Dichlorobenzidine	0.641	0.576	0.100	10.1	
Chrysene	1.408	1.269	0.100	9.9	
bis(2-Ethylhexyl)phthalate	0.605	0.615	0.100	-1.6	
Di-n-octylphthalate	1.154	1.080	0.100	6.4	20.0
Benzo(b)fluoranthene	1.436	1.498	0.100	-4.3	
Benzo(k)fluoranthene	1.519	1.437	0.100	5.4	
Benzo(a)pyrene	1.318	1.257	0.100	4.6	20.0
Indeno(1,2,3-cd)pyrene	1.564	1.410	0.100	9.8	
Dibenzo(a,h)anthracene	1.314	1.192	0.100	9.3	
Benzo(g,h,i)perylene	1.564	1.164	0.100	25.6	
N-Nitrosodimethylamine	1.145	1.230	0.100	-7.4	
Aniline	2.678	2.378	0.100	11.2	
Benzidine	0.671	0.466	0.100	30.6	
Pyridine	1.695	1.888	0.100	-11.4	
1-methylnaphthalene	0.618	0.600	0.100	2.9	
Azobenzene (1,2-DP-Hydrazine	1.992	1.795	0.100	9.9	

(1) Cannot be separated from Diphenylamine
<- Outside QC limits

7C

SEMIVOLATILE 8270-C CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Instrument ID: NT6 Cont. Calib. Date: 10/19/07

Init. Calib. Date: 09/29/07 Cont. Calib. Time: 0925

COMPOUND	$\overline{RRF}$	RRF25	MIN RRF	%D	MAX %D
2-Fluorophenol	1.474	1.458	0.100	1.1	
Phenol-d5	1.883	1.816	0.100	3.6	
2-Chlorophenol-d4	1.254	1.221	0.100	2.6	
1,2-Dichlorobenzene-d4	0.940	0.907	0.100	3.5	
Nitrobenzene-d5	0.642	0.578	0.100	10.0	
2-Fluorobiphenyl	1.557	1.391	0.100	10.7	
2,4,6-Tribromophenol	0.194	0.189	0.100	2.6	
Terphenyl-d14	0.899	0.876	0.100	2.6	

<- Outside QC limits

Data File: /chem1/nt6.i/20071019.b/cc1019.d
Report Date: 20-Oct-2007 08:54

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i
Lab File ID: cc1019.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem1/nt6.i/20071019.b/SW846.m

Injection Date: 19-OCT-2007 09:25
Init. Cal. Date(s): 29-SEP-2007 01-OCT-2007
Init. Cal. Times: 14:57 13:47
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 2-Fluorophenol	1.47384	1.45854	0.010	-1.03767	100	Averaged
$ 2 Phenol-d5	1.88273	1.81628	0.010	-3.52984	100	Averaged
3 Phenol	2.33331	2.04330	0.010	-12.42916	20.00000	Averaged
$ 5 2-Chlorophenol-d4	1.25395	1.22106	0.010	-2.62281	100	Averaged
4 Bis(2-Chloroethyl)ether	1.57685	1.58010	0.010	0.20609	100	Averaged
6 2-Chlorophenol	1.40371	1.35108	0.010	-3.74882	100	Averaged
7 1,3-Dichlorobenzene	1.55975	1.48097	0.010	-5.05049	100	Averaged
9 1,4-Dichlorobenzene	1.60848	1.53376	0.010	-4.64517	20.00000	Averaged
$ 10 1,2-Dichlorobenzene-d4	0.94033	0.90725	0.010	-3.51741	100	Averaged
12 1,2-Dichlorobenzene	1.51270	1.44394	0.010	-4.54601	100	Averaged
11 Benzyl alcohol	0.91233	1.05741	0.010	15.90227	100	Averaged
14 2,2'-oxybis(1-Chloropropane	1.45514	1.56950	0.010	7.85902	100	Averaged
13 2-Methylphenol	1.34096	1.40584	0.010	4.83849	100	Averaged
17 Hexachloroethane	0.71048	0.65021	0.010	-8.48276	100	Averaged
16 N-Nitroso-di-n-propylamine	1.40625	1.35730	0.050	-3.48110	100	Averaged
15 4-Methylphenol	1.40450	1.50624	0.010	7.24344	100	Averaged
$ 18 Nitrobenzene-d5	0.64259	0.57792	0.010	-10.06297	100	Averaged
19 Nitrobenzene	0.68968	0.61031	0.010	-11.50805	100	Averaged
20 Isophorone	1.01554	0.95728	0.010	-5.73655	100	Averaged
21 2-Nitrophenol	0.23065	0.22223	0.010	-3.65003	20.00000	Averaged
22 2,4-Dimethylphenol	0.52701	0.49171	0.010	-6.69718	100	Averaged
23 Bis(2-Chloroethoxy)methane	0.56290	0.54075	0.010	-3.93442	100	Averaged
24 Benzoic acid	0.35970	0.35387	0.010	-1.62136	100	Averaged
25 2,4-Dichlorophenol	0.34931	0.34691	0.010	-0.68791	20.00000	Averaged
26 1,2,4-Trichlorobenzene	0.42584	0.38445	0.010	-9.72124	100	Averaged
28 Naphthalene	1.23282	1.15495	0.010	-6.31631	100	Averaged
29 4-Chloroaniline	0.47690	0.45999	0.010	-3.54653	100	Averaged
30 Hexachlorobutadiene	0.28403	0.24579	0.010	-13.46221	20.00000	Averaged
31 4-Chloro-3-methylphenol	0.40805	0.39862	0.010	-2.30999	20.00000	Averaged
32 2-Methylnaphthalene	0.61944	0.59276	0.010	-4.30715	100	Averaged
33 Hexachlorocyclopentadiene	0.44421	0.37411	0.050	-15.78087	100	Averaged
34 2,4,6-Trichlorophenol	0.49375	0.44725	0.010	-9.41669	20.00000	Averaged
35 2,4,5-Trichlorophenol	0.47824	0.45744	0.010	-4.34936	100	Averaged
$ 36 2-Fluorobiphenyl	1.55719	1.39135	0.010	-10.64973	100	Averaged
37 2-Chloronaphthalene	1.33788	1.19650	0.010	-10.56775	100	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i
Lab File ID: cc1019.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem1/nt6.i/20071019.b/SW846.m

Injection Date: 19-OCT-2007 09:25
Init. Cal. Date(s): 29-SEP-2007 01-OCT-2007
Init. Cal. Times: 14:57 13:47
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
38 2-Nitroaniline	0.59919	0.52713	0.010	-12.02645	100	Averaged
39 Dimethylphthalate	1.35379	1.25393	0.010	-7.37636	100	Averaged
40 Acenaphthylene	2.05083	1.87259	0.010	-8.69114	100	Averaged
41 2,6-Dinitrotoluene	0.33674	0.29872	0.010	-11.29096	100	Averaged
43 3-Nitroaniline	0.32156	0.33192	0.010	3.22179	100	Averaged
44 Acenaphthene	1.29437	1.20912	0.010	-6.58615	20.00000	Averaged
45 2,4-Dinitrophenol	0.24942	0.27038	0.050	8.40317	100	Averaged
46 Dibenzofuran	1.81339	1.72114	0.010	-5.08761	100	Averaged
47 4-Nitrophenol	0.29394	0.28732	0.050	-2.25345	100	Averaged
48 2,4-Dinitrotoluene	0.40959	0.38497	0.010	-6.01033	100	Averaged
50 Diethylphthalate	1.36855	1.32453	0.010	-3.21618	100	Averaged
49 Fluorene	1.43231	1.36888	0.010	-4.42862	100	Averaged
51 4-Chlorophenyl-phenylether	0.79815	0.71034	0.010	-11.00068	100	Averaged
52 4-Nitroaniline	0.28780	0.31669	0.010	10.03892	100	Averaged
53 4,6-Dinitro-2-methylphenol	0.20256	0.19107	0.010	-5.67318	100	Averaged
54 N-Nitrosodiphenylamine	0.50987	0.44665	0.010	-12.39991	20.00000	Averaged
$ 55 2,4,6-Tribromophenol	0.19404	0.18880	0.010	-2.70020	100	Averaged
56 4-Bromophenyl-phenylether	0.27681	0.24615	0.010	-11.07563	100	Averaged
57 Hexachlorobenzene	0.28163	0.24692	0.010	-12.32464	100	Averaged
58 Pentachlorophenol	0.17671	0.16206	0.010	-8.29065	20.00000	Averaged
60 Phenanthrene	1.28321	1.20747	0.010	-5.90275	100	Averaged
61 Anthracene	1.28488	1.23596	0.010	-3.80700	100	Averaged
62 Carbazole	1.14292	1.12712	0.010	-1.38224	100	Averaged
63 Di-n-butylphthalate	1.33265	1.35519	0.010	1.69132	100	Averaged
64 Fluoranthene	1.46745	1.49125	0.010	1.62221	20.00000	Averaged
65 Pyrene	1.43642	1.37363	0.010	-4.37145	100	Averaged
$ 66 Terphenyl-d14	0.89909	0.87553	0.010	-2.62047	100	Averaged
67 Butylbenzylphthalate	0.63160	0.61261	0.010	-3.00731	100	Averaged
68 Benzo(a)anthracene	1.56703	1.38853	0.010	-11.39070	100	Averaged
70 3,3'-Dichlorobenzidine	0.64134	0.57595	0.010	-10.19638	100	Averaged
71 Chrysene	1.40821	1.26943	0.010	-9.85471	100	Averaged
72 bis(2-Ethylhexyl)phthalate	0.60475	0.61519	0.010	1.72594	100	Averaged
73 Di-n-octylphthalate	1.15362	1.08042	0.010	-6.34496	20.00000	Averaged
74 Benzo(b)fluoranthene	1.43619	1.49779	0.010	4.28894	100	Averaged
75 Benzo(k)fluoranthene	1.51926	1.43682	0.010	-5.42666	100	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i
Lab File ID: cc1019.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem1/nt6.i/20071019.b/SW846.m

Injection Date: 19-OCT-2007 09:25
Init. Cal. Date(s): 29-SEP-2007 01-OCT-2007
Init. Cal. Times: 14:57 13:47
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
76 Benzo(a)pyrene	1.31840	1.25669	0.010	-4.68085	20.00000	Averaged	
78 Indeno(1,2,3-cd)pyrene	1.56357	1.41005	0.010	-9.81878	100	Averaged	
79 Dibenzo(a,h)anthracene	1.31366	1.19176	0.010	-9.27986	100	Averaged	
80 Benzo(g,h,i)perylene	1.56357	1.16390	0.010	-25.56117	100	Averaged	
90 N-Nitrosodimethylamine	1.14504	1.23058	0.010	7.47075	100	Averaged	
103 Pyridine	1.69497	1.88768	0.010	11.36940	100	Averaged	
91 Aniline	2.67837	2.37850	0.010	-11.19595	100	Averaged	
105 1-methylnaphthalene	0.61773	0.60014	0.010	-2.84765	100	Averaged	
93 Benzidine	0.67141	0.46653	0.010	-30.51541	100	Averaged	
111 Azobenzene (1,2-DP-Hydrazin	1.99216	1.79511	0.010	-9.89167	100	Averaged	
144 alpha-Terpineol	0.37409	0.34471	0.010	-7.85386	100	Averaged	
143 1,4-Dioxane	0.69789	++++	0.010	++++	100	Averaged	<-
$ 137 d8-1,4-Dioxane	0.69921	++++	0.010	++++	100	Averaged	<-
133 Butylatedhydroxytoluene	1.34218	1.15769	0.010	-13.74592	100	Averaged	
115 Tributyl Phosphate	1.17681	1.15829	0.010	-1.57370	100	Averaged	
116 Dibutyl Phenyl Phosphate	0.67952	0.68861	0.010	1.33892	100	Averaged	
117 Butyl Diphenyl Phosphate	0.29421	0.27653	0.010	-6.01165	100	Averaged	
118 Triphenyl Phosphate	0.23784	0.22177	0.010	-6.75882	100	Averaged	
123 Acetophenone	2.02940	1.88807	0.010	-6.96442	100	Averaged	

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071019.b/cc1019.d
Lab Smp Id: ABN 25 Client Smp ID: ABN CCAL
Inj Date : 19-OCT-2007 09:25
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20071019.b/SW846.m
Meth Date : 20-Oct-2007 08:54 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

LJR 10/25/07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$ 1	2-Fluorophenol	112	5.847	5.847	(0.746)	412811	25.0000	24.74
$ 2	Phenol-d5	99	7.428	7.428	(0.948)	514061	25.0000	24.12
3	Phenol	94	7.449	7.449	(0.950)	578314	25.0000	21.89
$ 5	2-Chlorophenol-d4	132	7.535	7.535	(0.961)	345598	25.0000	24.34
4	Bis(2-Chloroethyl)ether	93	7.519	7.519	(0.959)	447215	25.0000	25.05
6	2-Chlorophenol	128	7.561	7.561	(0.965)	382397	25.0000	24.06
7	1,3-Dichlorobenzene	146	7.775	7.775	(0.992)	419160	25.0000	23.74
* 8	1,4-Dichlorobenzene-d4	152	7.839	7.839	(1.000)	226424	20.0000	
9	1,4-Dichlorobenzene	146	7.866	7.866	(1.003)	434100	25.0000	23.84
$ 10	1,2-Dichlorobenzene-d4	152	8.138	8.138	(1.038)	256779	25.0000	24.12
12	1,2-Dichlorobenzene	146	8.160	8.160	(1.041)	408677	25.0000	23.86
11	Benzyl alcohol	108	8.138	8.138	(1.038)	299278	25.0000	28.98
14	2,2'-oxybis(1-Chloropropane)	45	8.400	8.400	(1.072)	444217	25.0000	26.96
13	2-Methylphenol	108	8.384	8.384	(1.069)	397896	25.0000	26.21
17	Hexachloroethane	117	8.651	8.651	(1.104)	184030	25.0000	22.88
16	N-Nitroso-di-n-propylamine	70	8.619	8.619	(1.099)	384156	25.0000	24.13
15	4-Methylphenol	108	8.619	8.619	(1.099)	426310	25.0000	26.81
$ 18	Nitrobenzene-d5	82	8.779	8.779	(0.880)	510920	25.0000	22.48
19	Nitrobenzene	77	8.811	8.811	(0.883)	539549	25.0000	22.12
20	Isophorone	82	9.201	9.201	(0.922)	846297	25.0000	23.57
21	2-Nitrophenol	139	9.335	9.335	(0.936)	196464	25.0000	24.09
22	2,4-Dimethylphenol	107	9.463	9.463	(0.949)	434705	25.0000	23.33
23	Bis(2-Chloroethoxy)methane	93	9.607	9.607	(0.963)	478055	25.0000	24.02
24	Benzoic acid	105	9.730	9.730	(0.975)	625677	50.0000	49.19
25	2,4-Dichlorophenol	162	9.725	9.725	(0.975)	306686	25.0000	24.83
26	1,2,4-Trichlorobenzene	180	9.848	9.848	(0.987)	339875	25.0000	22.57
* 27	Naphthalene-d8	136	9.907	9.907	(1.000)	707249	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	9.933	9.933	(0.996)	1021046	25.0000	23.42
	29 4-Chloroaniline	127	10.088	10.088	(1.011)	406658	25.0000	24.11
	30 Hexachlorobutadiene	225	10.264	10.264	(1.029)	217297	25.0000	21.63
	31 4-Chloro-3-methylphenol	107	10.922	10.922	(1.095)	352408	25.0000	24.42
	32 2-Methylnaphthalene	141	11.066	11.066	(1.109)	524039	25.0000	23.92
	33 Hexachlorocyclopentadiene	237	11.450	11.450	(0.896)	190277	25.0000	21.05
	34 2,4,6-Trichlorophenol	196	11.595	11.595	(0.907)	227478	25.0000	22.65
	35 2,4,5-Trichlorophenol	196	11.653	11.653	(0.911)	232657	25.0000	23.91
$	36 2-Fluorobiphenyl	172	11.723	11.723	(0.917)	707655	25.0000	22.34
	37 2-Chloronaphthalene	162	11.851	11.851	(0.927)	608550	25.0000	22.36
	38 2-Nitroaniline	65	12.091	12.091	(0.946)	268104	25.0000	21.99
	39 Dimethylphthalate	163	12.476	12.476	(0.976)	637759	25.0000	23.16
	40 Acenaphthylene	152	12.530	12.530	(0.980)	952416	25.0000	22.83
	41 2,6-Dinitrotoluene	165	12.567	12.567	(0.983)	151930	25.0000	22.18
*	42 Acenaphthene-d10	164	12.786	12.786	(1.000)	406888	20.0000	
	43 3-Nitroaniline	138	12.775	12.775	(0.999)	168817	25.0000	25.81
	44 Acenaphthene	153	12.839	12.839	(1.004)	614971	25.0000	23.35
	45 2,4-Dinitrophenol	184	12.946	12.946	(1.013)	275034	50.0000	54.20
	46 Dibenzofuran	168	13.101	13.101	(1.025)	875387	25.0000	23.73
	47 4-Nitrophenol	109	13.107	13.107	(1.025)	146134	25.0000	24.44
	48 2,4-Dinitrotoluene	165	13.192	13.192	(1.032)	195801	25.0000	23.50
	50 Diethylphthalate	149	13.646	13.646	(1.067)	673670	25.0000	24.20
	49 Fluorene	166	13.662	13.662	(1.069)	696227	25.0000	23.89
	51 4-Chlorophenyl-phenylether	204	13.694	13.694	(1.071)	361288	25.0000	22.25
	52 4-Nitroaniline	138	13.780	13.780	(1.078)	161071	25.0000	27.51
	53 4,6-Dinitro-2-methylphenol	198	13.854	13.854	(0.913)	311333	50.0000	47.16
	54 N-Nitrosodiphenylamine	169	13.902	13.902	(0.916)	363893	25.0000	21.90
$	55 2,4,6-Tribromophenol	330	14.089	14.089	(1.102)	96027	25.0000	24.32
	56 4-Bromophenyl-phenylether	248	14.479	14.479	(0.954)	200544	25.0000	22.23
	57 Hexachlorobenzene	284	14.693	14.693	(0.968)	201171	25.0000	21.92
	58 Pentachlorophenol	266	14.998	14.998	(0.988)	132034	25.0000	22.93
*	59 Phenanthrene-d10	188	15.174	15.174	(1.000)	651776	20.0000	
	60 Phenanthrene	178	15.211	15.211	(1.002)	983749	25.0000	23.52
	61 Anthracene	178	15.281	15.281	(1.007)	1006964	25.0000	24.05
	62 Carbazole	167	15.575	15.575	(1.026)	918289	25.0000	24.65
	63 Di-n-butylphthalate	149	16.312	16.312	(1.075)	1104104	25.0000	25.42
	64 Fluoranthene	202	17.156	17.156	(1.131)	1214954	25.0000	25.41
	65 Pyrene	202	17.514	17.514	(0.898)	1266852	25.0000	23.91
$	66 Terphenyl-d14	244	17.840	17.840	(0.914)	807473	25.0000	24.34
	67 Butylbenzylphthalate	149	18.737	18.737	(0.960)	564990	25.0000	24.25
	68 Benzo(a)anthracene	228	19.485	19.485	(0.999)	1280600	25.0000	22.15
*	69 Chrysene-d12	240	19.512	19.512	(1.000)	737814	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.506	19.506	(1.000)	531176	25.0000	22.45
	71 Chrysene	228	19.554	19.554	(1.002)	1170758	25.0000	22.54
	72 bis(2-Ethylhexyl)phthalate	149	19.747	19.747	(0.955)	819286	25.0000	25.43
*	134 Di-n-octylphthalate-d4	153	20.687	20.687	(1.000)	1065410	20.0000	
	73 Di-n-octylphthalate	149	20.698	20.698	(1.000)	1438866	25.0000	23.41

	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	21.152	21.152	(0.976)	1300804	25.0000	26.07
75	Benzo(k)fluoranthene	252	21.184	21.184	(0.977)	1247849	25.0000	23.64
76	Benzo(a)pyrene	252	21.600	21.600	(0.997)	1091410	25.0000	23.83
* 77	Perylene-d12	264	21.675	21.675	(1.000)	694786	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	23.155	23.155	(1.068)	1224600	25.0000	22.55
79	Dibenzo(a,h)anthracene	278	23.182	23.182	(1.069)	1035019	25.0000	22.68
80	Benzo(g,h,i)perylene	276	23.561	23.561	(1.087)	1010829	25.0000	18.61
90	N-Nitrosodimethylamine	74	3.031	3.031	(0.387)	348291	25.0000	26.87
103	Pyridine	79	3.021	3.021	(0.385)	534270	25.0000	27.84
91	Aniline	93	7.390	7.390	(0.943)	673188	25.0000	22.20
105	1-methylnaphthalene	141	11.237	11.237	(1.126)	530559	25.0000	24.29
93	Benzidine	184	17.418	17.418	(0.893)	430261	25.0000	17.37
111	Azobenzene (1,2-DP-Hydrazine)	77	13.945	13.945	(1.091)	913009	25.0000	22.53
144	alpha-Terpineol	59	9.976	9.976	(1.000)	304746	25.0000	23.04
143	1,4-Dioxane	88	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
133	Butylatedhydroxytoluene	205	12.978	12.978	(1.015)	588811	25.0000	21.56
115	Tributyl Phosphate	99	14.025	14.025	(0.924)	943683	25.0000	24.61
116	Dibutyl Phenyl Phosphate	175	15.751	15.751	(1.038)	561027	25.0000	25.33
117	Butyl Diphenyl Phosphate	94	17.444	17.444	(0.894)	255031	25.0000	23.50
118	Triphenyl Phosphate	326	19.052	19.052	(0.976)	204527	25.0000	23.31
123	Acetophenone	105	8.550	8.550	(1.091)	534380	25.0000	23.26

QC Flag Legend

H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: cc1019.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071019.b/SW846.m
Misc Info:

Calibration Date: 19-OCT-2007
Calibration Time: 09:59
Client Smp ID: ABN CCAL
Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	226424	6.77
27 Naphthalene-d8	656578	328289	1313156	707249	7.72
42 Acenaphthene-d10	353705	176852	707410	406888	15.04
59 Phenanthrene-d10	526440	263220	1052880	651776	23.81
69 Chrysene-d12	581923	290962	1163846	737814	26.79
134 Di-n-octylphthala	979097	489548	1958194	1065410	8.82
77 Perylene-d12	686531	343266	1373062	694786	1.20

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.84	7.34	8.34	7.84	0.00
27 Naphthalene-d8	9.91	9.41	10.41	9.91	0.00
42 Acenaphthene-d10	12.79	12.29	13.29	12.79	0.00
59 Phenanthrene-d10	15.17	14.67	15.67	15.17	0.00
69 Chrysene-d12	19.51	19.01	20.01	19.51	0.00
134 Di-n-octylphthala	20.69	20.19	21.19	20.69	0.00
77 Perylene-d12	21.68	21.18	22.18	21.68	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/20071019.b/cc1019.d

Date : 19-OCT-2007 09:25

Client ID: ABN CCAL

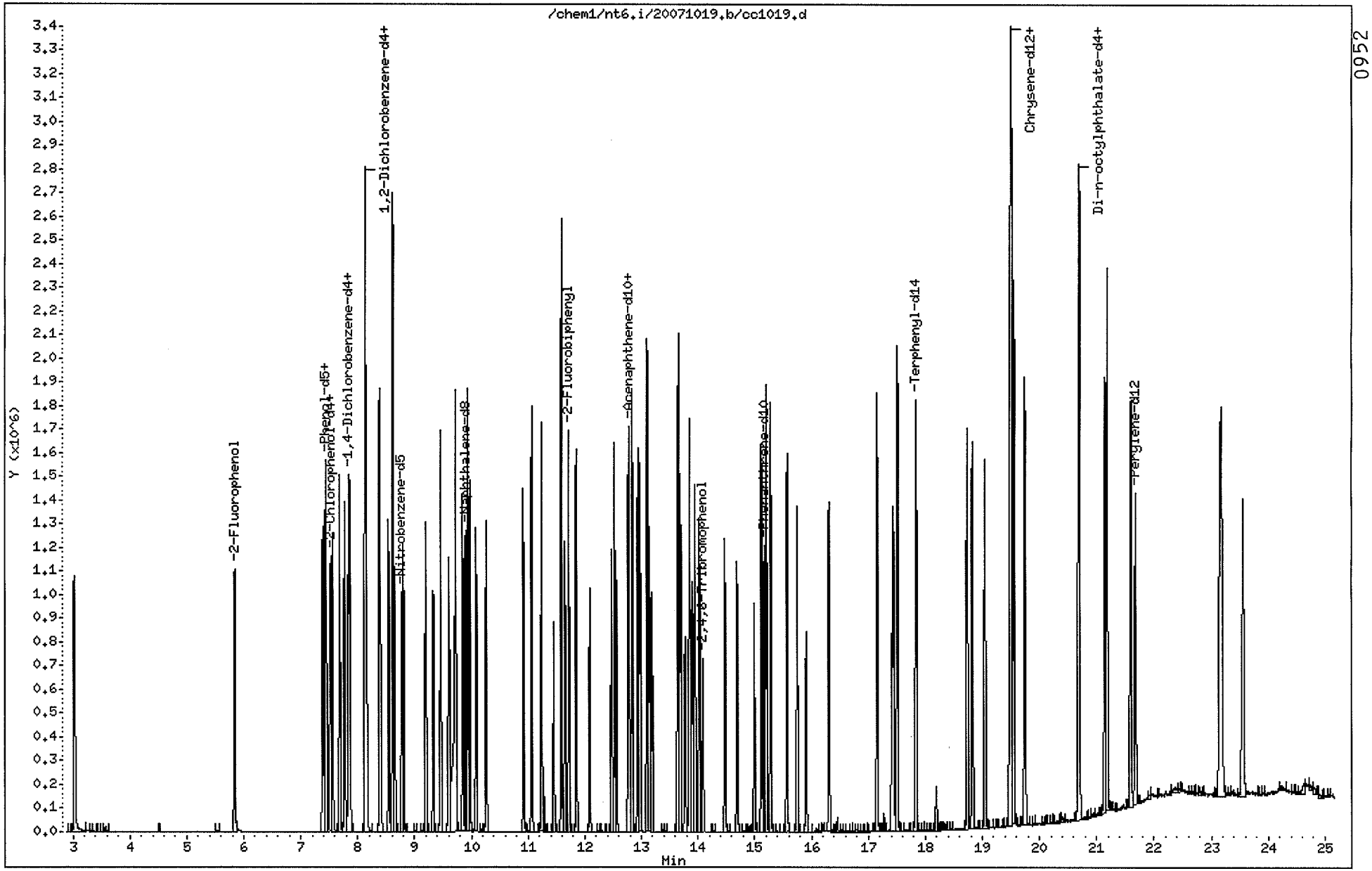
Sample Info: ABN 25

Instrument: nt6.i

Operator: LJR/VTS

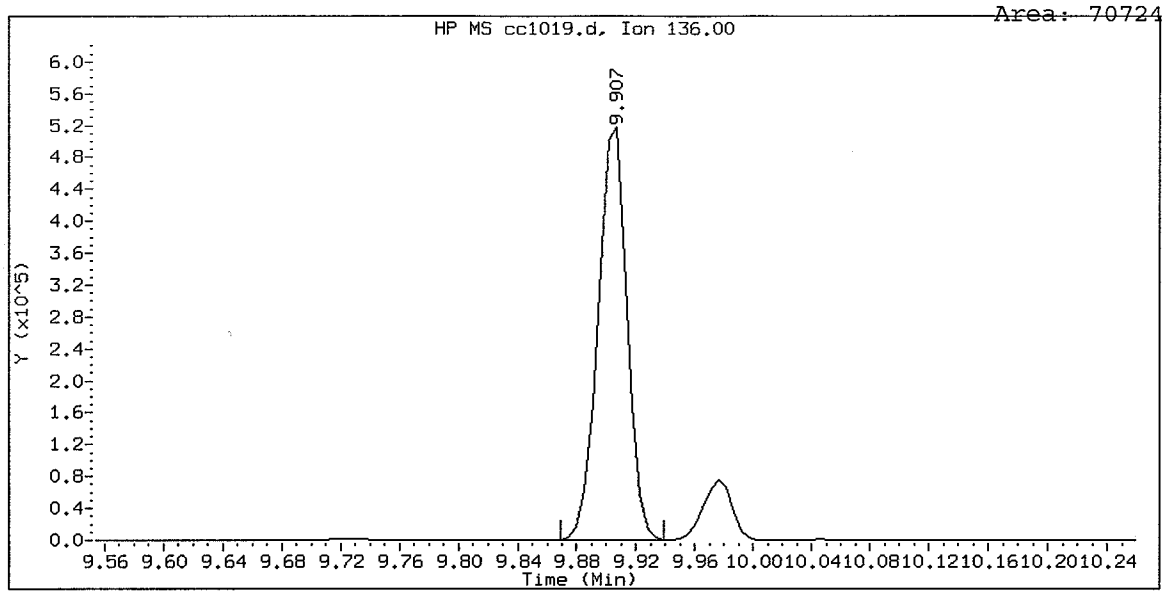
Column phase: ZB-5

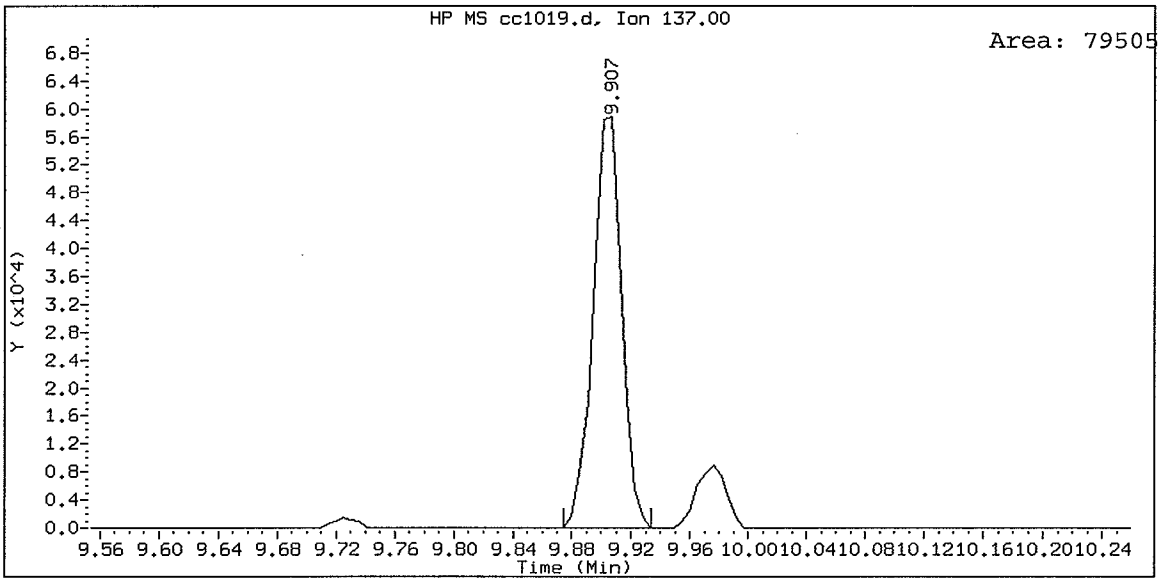
Column diameter: 0.32

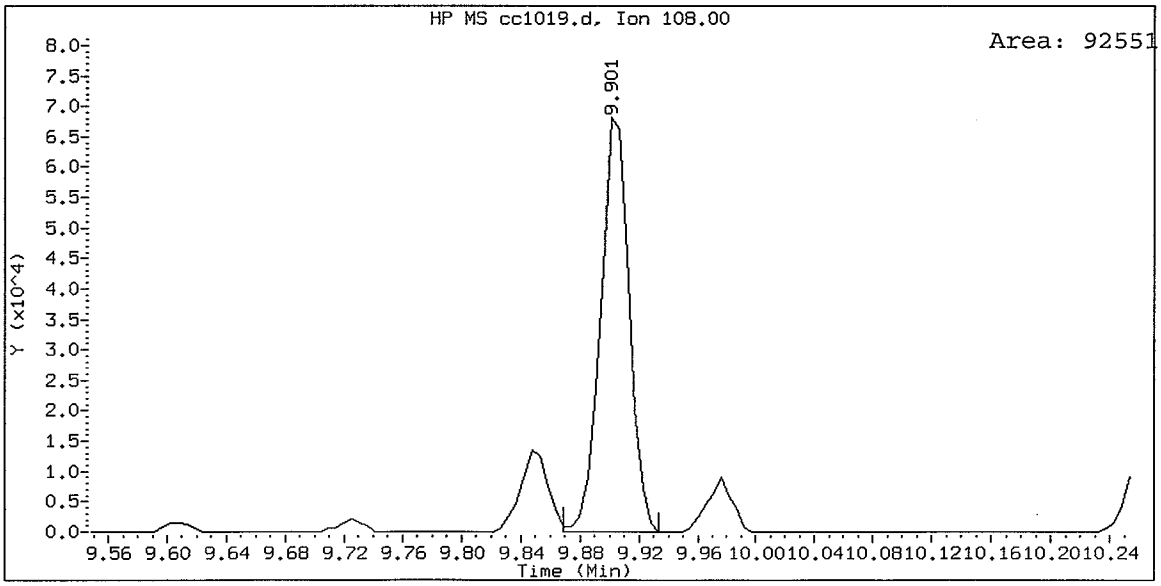


0952

ABN 25, /chem1/nt6.i/20071019.b/cc1019.d
Naphthalene-d8 Amount: 20.00







Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem1/nt6.i/20071019.b/ddt.b/cc1019.d
Method: /chem1/nt6.i/20071019.b/ddt.b/sw846ddt.m
Analysis Date: 19-OCT-2007 09:25

ARI ID:
Misc:
Instrument: nt6.i

COMPOUND	RT	AREA
Pentachlorophenol	14.998	132034
Benzidine	17.418	430261
4,4'-DDE	----	----
4,4'-DDD	18.347	7525
4,4'-DDT	18.828	435602

LJK 10/25/07

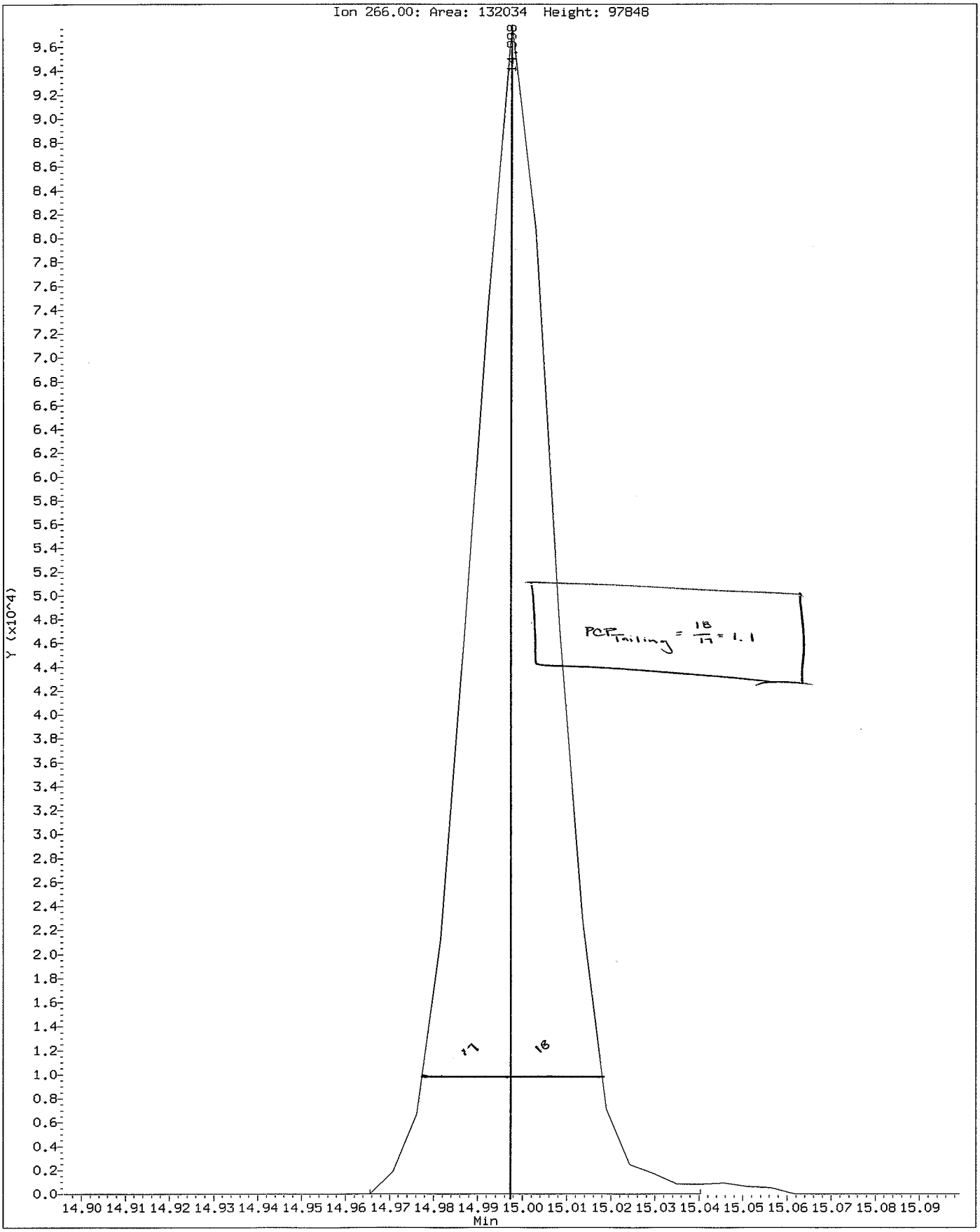
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(\ 0 + 7525) * 100}{(\ 0 + 7525 + 435602)}$$

DDT Percent Breakdown = 1.7 %

Data File: /chem1/nt6.i/20071019.b/ddt.b/cc1019.d
Injection Date: 19-OCT-2007 09:25
Instrument: nt6.i
Client Sample ID:

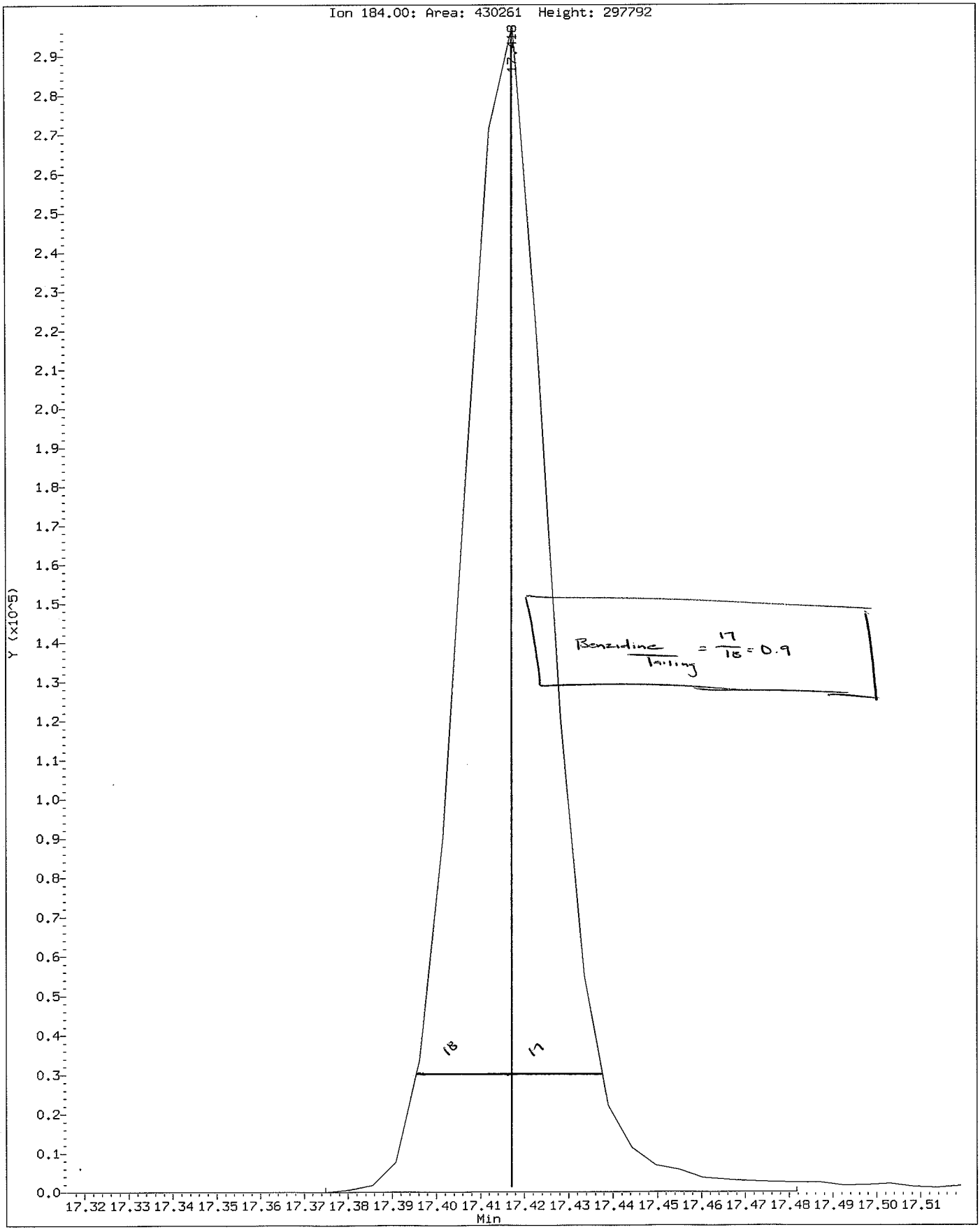
Compound: Pentachlorophenol
CAS Number: 87-86-5



0955

Data File: /chem1/nt6.i/20071019.b/ddt.b/cc1019.d
Injection Date: 19-OCT-2007 09:25
Instrument: nt6.i
Client Sample ID:

Compound: Benzidine
CAS Number:



0956

7B

SEMIVOLATILE 8270-C CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: RIDOLFI, INC.

ARI Job No: LR71 Project: MAKAH NALEMP

Instrument ID: NT4 Cont. Calib. Date: 11/01/07

Init. Calib. Date: 10/01/07 Cont. Calib. Time: 1435

COMPOUND	$\overline{RRF}$	RRF25	MIN RRF	%D	MAX %D
Phenol	2.250	2.273	0.100	-1.0	20.0
Bis(2-Chloroethyl)ether	1.734	1.671	0.100	3.6	
2-Chlorophenol	1.620	1.572	0.100	3.0	
1,3-Dichlorobenzene	1.658	1.569	0.100	5.4	
1,4-Dichlorobenzene	1.671	1.635	0.100	2.2	20.0
1,2-Dichlorobenzene	1.565	1.508	0.100	3.6	
Benzyl alcohol	1.026	1.087	0.100	-5.9	
2,2'-oxybis(1-Chloropropane)	2.104	2.156	0.100	-2.5	
2-Methylphenol	1.486	1.471	0.100	1.0	
Hexachloroethane	0.758	0.746	0.100	1.6	
N-Nitroso-di-n-propylamine	1.373	1.316	0.050	4.2	
4-Methylphenol	1.512	1.587	0.100	-5.0	
Nitrobenzene	0.585	0.546	0.100	6.7	
Isophorone	0.922	0.854	0.100	7.4	
2-Nitrophenol	0.221	0.215	0.100	2.7	20.0
2,4-Dimethylphenol	0.467	0.438	0.100	6.2	
Bis(2-Chloroethoxy)methane	0.553	0.516	0.100	6.7	
2,4-Dichlorophenol	0.315	0.314	0.100	0.3	20.0
1,2,4-Trichlorobenzene	0.373	0.342	0.100	8.3	
Naphthalene	1.228	1.169	0.100	4.8	
Benzoic acid	0.337	0.327	0.100	3.0	
4-Chloroaniline	0.517	0.489	0.100	5.4	
Hexachlorobutadiene	0.216	0.192	0.100	11.1	20.0
4-Chloro-3-methylphenol	0.390	0.363	0.100	6.9	20.0
2-Methylnaphthalene	0.625	0.586	0.100	6.2	
Hexachlorocyclopentadiene	0.362	0.307	0.050	15.2	
2,4,6-Trichlorophenol	0.401	0.391	0.100	2.5	20.0
2,4,5-Trichlorophenol	0.429	0.398	0.100	7.2	
2-Chloronaphthalene	1.307	1.214	0.100	7.1	
2-Nitroaniline	0.568	0.531	0.100	6.5	
Acenaphthylene	1.956	1.820	0.100	7.0	
Dimethylphthalate	1.422	1.273	0.100	10.5	
2,6-Dinitrotoluene	0.325	0.298	0.100	8.3	
Acenaphthene	1.298	1.166	0.100	10.2	20.0
3-Nitroaniline	0.382	0.366	0.100	4.2	
2,4-Dinitrophenol	0.181	0.170	0.050	6.1	
Dibenzofuran	1.691	1.574	0.100	6.9	

<- Outside QC limits

FORM VII SV-1

SEMIVOLATILE 8270-C CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: RIDOLFI, INC.

ARI Job No: LR71 Project: MAKAH NALEMP

Instrument ID: NT4 Cont. Calib. Date: 11/01/07

Init. Calib. Date: 10/01/07 Cont. Calib. Time: 1435

COMPOUND	$\overline{RRF}$	RRF25	MIN RRF	%D	MAX %D
4-Nitrophenol	0.270	0.248	0.050	8.1	
2,4-Dinitrotoluene	0.430	0.382	0.100	11.2	
Fluorene	1.443	1.324	0.100	8.2	
4-Chlorophenyl-phenylether	0.708	0.628	0.100	11.3	
Diethylphthalate	1.396	1.239	0.100	11.2	
4-Nitroaniline	0.382	0.341	0.100	10.7	
4,6-Dinitro-2-methylphenol	0.163	0.176	0.100	-8.0	
N-Nitrosodiphenylamine(1)	0.492	0.490	0.100	0.4	
4-Bromophenyl-phenylether	0.248	0.232	0.100	6.4	
Hexachlorobenzene	0.258	0.239	0.100	7.4	
Pentachlorophenol	0.151	0.164	0.100	-8.6	20.0
Phenanthrene	1.382	1.326	0.100	4.0	
Anthracene	1.398	1.331	0.100	4.8	
Carbazole	1.196	1.098	0.100	8.2	
Di-n-butylphthalate	1.437	1.348	0.100	6.2	
Fluoranthene	1.496	1.385	0.100	7.4	20.0
Pyrene	1.603	1.584	0.100	1.2	
Butylbenzylphthalate	0.672	0.662	0.100	1.5	
Benzo(a)anthracene	1.486	1.395	0.100	6.1	
3,3'-Dichlorobenzidine	0.528	0.519	0.100	1.7	
Chrysene	1.462	1.346	0.100	7.9	
bis(2-Ethylhexyl)phthalate	0.630	0.638	0.100	-1.3	
Di-n-octylphthalate	1.152	1.113	0.100	3.4	20.0
Benzo(b)fluoranthene	1.362	1.294	0.100	5.0	
Benzo(k)fluoranthene	1.438	1.339	0.100	6.9	
Benzo(a)pyrene	1.213	1.170	0.100	3.5	20.0
Indeno(1,2,3-cd)pyrene	1.333	1.494	0.100	-12.1	
Dibenzo(a,h)anthracene	1.094	1.257	0.100	-14.9	
Benzo(g,h,i)perylene	1.200	1.333	0.100	-11.1	
N-Nitrosodimethylamine	1.229		0.100	100.0	
Aniline	2.683	2.437	0.100	9.2	
Benzidine	0.668	0.253	0.100	62.1	
Pyridine	1.972		0.100	100.0	
1-methylnaphthalene	0.634	0.575	0.100	9.3	
Azobenzene (1,2-DP-Hydrazine	1.936	1.898	0.100	2.0	

(1) Cannot be separated from Diphenylamine

<- Outside QC limits

7C

SEMIVOLATILE 8270-C CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: RIDOLFI, INC.

ARI Job No: LR71 Project: MAKAH NALEMP

Instrument ID: NT4 Cont. Calib. Date: 11/01/07

Init. Calib. Date: 10/01/07 Cont. Calib. Time: 1435

COMPOUND	$\overline{RRF}$	RRF25	MIN RRF	%D	MAX %D
2-Fluorophenol	1.692	1.591	0.100	6.0	
Phenol-d5	1.894	1.877	0.100	0.9	
2-Chlorophenol-d4	1.405	1.410	0.100	-0.4	
1,2-Dichlorobenzene-d4	0.904	0.879	0.100	2.8	
Nitrobenzene-d5	0.528	0.500	0.100	5.3	
2-Fluorobiphenyl	1.381	1.280	0.100	7.3	
2,4,6-Tribromophenol	0.172	0.154	0.100	10.5	
Terphenyl-d14	0.925	0.866	0.100	6.4	

<- Outside QC limits

FORM VII SV-3

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt4.i
Lab File ID: cc1101.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem3/nt4.i/20071101.b/SW846.m

Injection Date: 01-NOV-2007 14:35
Init. Cal. Date(s): 01-OCT-2007 01-OCT-2007
Init. Cal. Times: 10:31 13:20
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 2-Fluorophenol	1.69233	1.59076	0.010	6.00178	100	Averaged
$ 2 Phenol-d5	1.89422	1.87704	0.010	0.90727	100	Averaged
3 Phenol	2.24963	2.27307	0.010	-1.04193	20.00000	Averaged
$ 5 2-Chlorophenol-d4	1.40509	1.41015	0.010	-0.36019	100	Averaged
4 Bis(2-Chloroethyl)ether	1.73359	1.67066	0.010	3.63007	100	Averaged
6 2-Chlorophenol	1.61955	1.57196	0.010	2.93853	100	Averaged
7 1,3-Dichlorobenzene	1.65775	1.56922	0.010	5.34025	100	Averaged
9 1,4-Dichlorobenzene	1.67076	1.63539	0.010	2.11663	20.00000	Averaged
$ 10 1,2-Dichlorobenzene-d4	0.90409	0.87923	0.010	2.75010	100	Averaged
12 1,2-Dichlorobenzene	1.56483	1.50769	0.010	3.65170	100	Averaged
11 Benzyl alcohol	1.02655	1.08689	0.010	-5.87859	100	Averaged
14 2,2'-oxybis(1-Chloropropane	2.10380	2.15633	0.010	-2.49687	100	Averaged
13 2-Methylphenol	1.48612	1.47096	0.010	1.02018	100	Averaged
17 Hexachloroethane	0.75865	0.74557	0.010	1.72400	100	Averaged
16 N-Nitroso-di-n-propylamine	1.37302	1.31638	0.050	4.12532	100	Averaged
15 4-Methylphenol	1.51268	1.58691	0.010	-4.90740	100	Averaged
$ 18 Nitrobenzene-d5	0.52757	0.50051	0.010	5.12970	100	Averaged
19 Nitrobenzene	0.58459	0.54577	0.010	6.64093	100	Averaged
20 Isophorone	0.92234	0.85379	0.010	7.43302	100	Averaged
21 2-Nitrophenol	0.22082	0.21489	0.010	2.68733	20.00000	Averaged
22 2,4-Dimethylphenol	0.46748	0.43806	0.010	6.29212	100	Averaged
23 Bis(2-Chloroethoxy)methane	0.55356	0.51648	0.010	6.69866	100	Averaged
24 Benzoic acid	0.33683	0.32675	0.010	2.99136	100	Averaged
25 2,4-Dichlorophenol	0.31552	0.31372	0.010	0.56832	20.00000	Averaged
26 1,2,4-Trichlorobenzene	0.37298	0.34246	0.010	8.18370	100	Averaged
28 Naphthalene	1.22785	1.16877	0.010	4.81210	100	Averaged
29 4-Chloroaniline	0.51724	0.48869	0.010	5.51939	100	Averaged
30 Hexachlorobutadiene	0.21594	0.19197	0.010	11.09702	20.00000	Averaged
31 4-Chloro-3-methylphenol	0.38962	0.36277	0.010	6.89224	20.00000	Averaged
32 2-Methylnaphthalene	0.62548	0.58645	0.010	6.23960	100	Averaged
33 Hexachlorocyclopentadiene	0.36239	0.30715	0.050	15.24428	100	Averaged
34 2,4,6-Trichlorophenol	0.40079	0.39096	0.010	2.45371	20.00000	Averaged
35 2,4,5-Trichlorophenol	0.42903	0.39767	0.010	7.31113	100	Averaged
$ 36 2-Fluorobiphenyl	1.38098	1.28035	0.010	7.28653	100	Averaged
37 2-Chloronaphthalene	1.30695	1.21405	0.010	7.10846	100	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt4.i
Lab File ID: cc1101.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem3/nt4.i/20071101.b/SW846.m

Injection Date: 01-NOV-2007 14:35
Init. Cal. Date(s): 01-OCT-2007 01-OCT-2007
Init. Cal. Times: 10:31 13:20
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
38 2-Nitroaniline	0.56850	0.53145	0.010	6.51693	100	Averaged
39 Dimethylphthalate	1.42249	1.27286	0.010	10.51832	100	Averaged
40 Acenaphthylene	1.95599	1.82053	0.010	6.92536	100	Averaged
41 2,6-Dinitrotoluene	0.32514	0.29777	0.010	8.41816	100	Averaged
43 3-Nitroaniline	0.38231	0.36550	0.010	4.39530	100	Averaged
44 Acenaphthene	1.29845	1.16631	0.010	10.17649	20.00000	Averaged
45 2,4-Dinitrophenol	0.18106	0.17038	0.050	5.89623	100	Averaged
46 Dibenzofuran	1.69113	1.57456	0.010	6.89274	100	Averaged
47 4-Nitrophenol	0.27008	0.24817	0.050	8.11165	100	Averaged
48 2,4-Dinitrotoluene	0.42982	0.38191	0.010	11.14648	100	Averaged
50 Diethylphthalate	1.39560	1.23935	0.010	11.19571	100	Averaged
49 Fluorene	1.44306	1.32457	0.010	8.21096	100	Averaged
51 4-Chlorophenyl-phenylether	0.70776	0.62788	0.010	11.28631	100	Averaged
52 4-Nitroaniline	0.38177	0.34100	0.010	10.67944	100	Averaged
53 4,6-Dinitro-2-methylphenol	0.16262	0.17629	0.010	-8.40350	100	Averaged
54 N-Nitrosodiphenylamine	0.49150	0.48974	0.010	0.35836	20.00000	Averaged
$ 55 2,4,6-Tribromophenol	0.17217	0.15378	0.010	10.68323	100	Averaged
56 4-Bromophenyl-phenylether	0.24829	0.23259	0.010	6.32478	100	Averaged
57 Hexachlorobenzene	0.25813	0.23922	0.010	7.32594	100	Averaged
58 Pentachlorophenol	0.15083	0.16396	0.010	-8.70461	20.00000	Averaged
60 Phenanthrene	1.38224	1.32594	0.010	4.07280	100	Averaged
61 Anthracene	1.39772	1.33128	0.010	4.75339	100	Averaged
62 Carbazole	1.19591	1.09824	0.010	8.16737	100	Averaged
63 Di-n-butylphthalate	1.43753	1.34848	0.010	6.19439	100	Averaged
64 Fluoranthene	1.49650	1.38520	0.010	7.43695	20.00000	Averaged
65 Pyrene	1.60282	1.58371	0.010	1.19262	100	Averaged
$ 66 Terphenyl-d14	0.92530	0.86644	0.010	6.36090	100	Averaged
67 Butylbenzylphthalate	0.67198	0.66233	0.010	1.43579	100	Averaged
68 Benzo(a)anthracene	1.48643	1.39515	0.010	6.14073	100	Averaged
70 3,3'-Dichlorobenzidine	0.52782	0.51935	0.010	1.60405	100	Averaged
71 Chrysene	1.46214	1.34567	0.010	7.96589	100	Averaged
72 bis(2-Ethylhexyl)phthalate	0.63014	0.63759	0.010	-1.18165	100	Averaged
73 Di-n-octylphthalate	1.15207	1.11310	0.010	3.38198	20.00000	Averaged
74 Benzo(b)fluoranthene	1.36170	1.29398	0.010	4.97320	100	Averaged
75 Benzo(k)fluoranthene	1.43848	1.33926	0.010	6.89734	100	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt4.i
Lab File ID: cc1101.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem3/nt4.i/20071101.b/SW846.m

Injection Date: 01-NOV-2007 14:35
Init. Cal. Date(s): 01-OCT-2007 01-OCT-2007
Init. Cal. Times: 10:31 13:20
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
76 Benzo(a)pyrene	1.21269	1.17026	0.010	3.49885	20.00000	Averaged	
78 Indeno(1,2,3-cd)pyrene	1.33294	1.49386	0.010	-12.07245	100	Averaged	
79 Dibenzo(a,h)anthracene	1.09475	1.25728	0.010	-14.84643	100	Averaged	
80 Benzo(g,h,i)perylene	1.20063	1.33348	0.010	-11.06551	100	Averaged	
90 N-Nitrosodimethylamine	1.22915	++++	0.010	++++	100	Averaged	<-
103 Pyridine	1.97206	++++	0.010	++++	100	Averaged	<-
91 Aniline	2.68305	2.43685	0.010	9.17629	100	Averaged	
105 1-methylnaphthalene	0.63342	0.57547	0.010	9.14981	100	Averaged	
93 Benzidine	0.66802	0.25285	0.010	62.14885	100	Averaged	
111 Azobenzene (1,2-DP-Hydrazin	1.93591	1.89774	0.010	1.97180	100	Averaged	
144 alpha-Terpineol	0.35558	0.33264	0.010	6.45133	100	Averaged	
143 1,4-Dioxane	++++	++++	0.010	++++	100	Averaged	<-
$ 137 d8-1,4-Dioxane	++++	++++	0.010	++++	100	Averaged	<-
133 Butylatedhydroxytoluene	1.12737	0.89172	0.010	20.90255	100	Averaged	
115 Tributyl Phosphate	1.24079	1.20845	0.010	2.60576	100	Averaged	
116 Dibutyl Phenyl Phosphate	0.67898	0.60164	0.010	11.39080	100	Averaged	
117 Butyl Diphenyl Phosphate	0.31331	0.31233	0.010	0.31301	100	Averaged	
118 Triphenyl Phosphate	0.22028	0.19699	0.010	10.57183	100	Averaged	
123 Acetophenone	2.15932	2.13469	0.010	1.14042	100	Averaged	
170 Pentachlorobenzene	0.48141	0.31408	0.010	34.75866	100	Averaged	

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071101.b/cc1101.d
Lab Smp Id: ABN 25
Inj Date : 01-NOV-2007 14:35
Operator : VTS
Inst ID: nt4.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071101.b/SW846.m
Meth Date : 02-Nov-2007 09:22 jeff
Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04
Cal File: 0801001.d
Als bottle: 2
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)	ON-COL (ug/mL)
$ 1	2-Fluorophenol	112	4.748	4.748	(0.696)	289089	25.0000	23.50
$ 2	Phenol-d5	99	6.489	6.489	(0.951)	341114	25.0000	24.77
3	Phenol	94	6.505	6.505	(0.954)	413085	25.0000	25.26
$ 5	2-Chlorophenol-d4	132	6.521	6.521	(0.956)	256267	25.0000	25.09
4	Bis(2-Chloroethyl)ether	93	6.532	6.532	(0.958)	303609	25.0000	24.09
6	2-Chlorophenol	128	6.548	6.548	(0.960)	285673	25.0000	24.27
7	1,3-Dichlorobenzene	146	6.746	6.746	(0.989)	285175	25.0000	23.66
* 8	1,4-Dichlorobenzene-d4	152	6.820	6.820	(1.000)	145384	20.0000	
9	1,4-Dichlorobenzene	146	6.842	6.842	(1.003)	297200	25.0000	24.47
$ 10	1,2-Dichlorobenzene-d4	152	7.114	7.114	(1.043)	159782	25.0000	24.31
12	1,2-Dichlorobenzene	146	7.141	7.141	(1.047)	273992	25.0000	24.09
11	Benzyl alcohol	108	7.162	7.162	(1.050)	197521	25.0000	26.47(M)
14	2,2'-oxybis(1-Chloropropane)	45	7.429	7.429	(1.089)	391869	25.0000	25.62
13	2-Methylphenol	108	7.445	7.445	(1.092)	267318	25.0000	24.74
17	Hexachloroethane	117	7.627	7.627	(1.118)	135492	25.0000	24.57
16	N-Nitroso-di-n-propylamine	70	7.643	7.643	(1.121)	239226	25.0000	23.97
15	4-Methylphenol	108	7.686	7.686	(1.127)	288389	25.0000	26.23
$ 18	Nitrobenzene-d5	82	7.771	7.771	(0.876)	331916	25.0000	23.72
19	Nitrobenzene	77	7.803	7.803	(0.880)	361931	25.0000	23.34
20	Isophorone	82	8.199	8.199	(0.924)	566194	25.0000	23.14
21	2-Nitrophenol	139	8.322	8.322	(0.938)	142503	25.0000	24.33
22	2,4-Dimethylphenol	107	8.509	8.509	(0.959)	290505	25.0000	23.43
23	Bis(2-Chloroethoxy)methane	93	8.637	8.637	(0.974)	342505	25.0000	23.33
24	Benzoic acid	105	8.813	8.813	(0.993)	433372	50.0000	48.50
25	2,4-Dichlorophenol	162	8.722	8.722	(0.983)	208048	25.0000	24.86
26	1,2,4-Trichlorobenzene	180	8.829	8.829	(0.995)	227102	25.0000	22.95
* 27	Naphthalene-d8	136	8.872	8.872	(1.000)	530525	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	8.899	8.899	(1.003)	775074	25.0000	23.80
	29 4-Chloroaniline	127	9.086	9.086	(1.024)	324076	25.0000	23.62
	30 Hexachlorobutadiene	225	9.246	9.246	(1.042)	127309	25.0000	22.23
	31 4-Chloro-3-methylphenol	107	9.946	9.946	(1.121)	240571	25.0000	23.28
	32 2-Methylnaphthalene	141	10.015	10.015	(1.129)	388911	25.0000	23.44
	33 Hexachlorocyclopentadiene	237	10.405	10.405	(0.891)	107770	25.0000	21.19
	34 2,4,6-Trichlorophenol	196	10.549	10.549	(0.903)	137177	25.0000	24.39
	35 2,4,5-Trichlorophenol	196	10.608	10.608	(0.908)	139532	25.0000	23.17
$	36 2-Fluorobiphenyl	172	10.677	10.677	(0.914)	449245	25.0000	23.18
	37 2-Chloronaphthalene	162	10.774	10.774	(0.922)	425981	25.0000	23.22
	38 2-Nitroaniline	65	11.035	11.035	(0.945)	186472	25.0000	23.37
	39 Dimethylphthalate	163	11.436	11.436	(0.979)	446618	25.0000	22.37
	40 Acenaphthylene	152	11.431	11.431	(0.978)	638781	25.0000	23.27
	41 2,6-Dinitrotoluene	165	11.511	11.511	(0.985)	104480	25.0000	22.90
*	42 Acenaphthene-d10	164	11.682	11.682	(1.000)	280701	20.0000	
	43 3-Nitroaniline	138	11.709	11.709	(1.002)	128247	25.0000	23.90
	44 Acenaphthene	153	11.730	11.730	(1.004)	409232	25.0000	22.46
	45 2,4-Dinitrophenol	184	11.869	11.869	(1.016)	119565	50.0000	47.05
	46 Dibenzofuran	168	11.992	11.992	(1.027)	552476	25.0000	23.28
	47 4-Nitrophenol	109	12.088	12.088	(1.035)	87077	25.0000	22.97
	48 2,4-Dinitrotoluene	165	12.120	12.120	(1.037)	134002	25.0000	22.21
	50 Diethylphthalate	149	12.585	12.585	(1.077)	434859	25.0000	22.20
	49 Fluorene	166	12.537	12.537	(1.073)	464759	25.0000	22.95
	51 4-Chlorophenyl-phenylether	204	12.595	12.595	(1.078)	220307	25.0000	22.18
	52 4-Nitroaniline	138	12.681	12.681	(1.085)	119650	25.0000	22.33
	53 4,6-Dinitro-2-methylphenol	198	12.756	12.756	(0.911)	172731	50.0000	54.20
	54 N-Nitrosodiphenylamine	169	12.809	12.809	(0.915)	239933	25.0000	24.91
$	55 2,4,6-Tribromophenol	330	12.953	12.953	(1.109)	53956	25.0000	22.33
	56 4-Bromophenyl-phenylether	248	13.359	13.359	(0.954)	113949	25.0000	23.42
	57 Hexachlorobenzene	284	13.541	13.541	(0.967)	117198	25.0000	23.17
	58 Pentachlorophenol	266	13.856	13.856	(0.990)	80327	25.0000	27.18
*	59 Phenanthrene-d10	188	14.000	14.000	(1.000)	391934	20.0000	
	60 Phenanthrene	178	14.032	14.032	(1.002)	649603	25.0000	23.98
	61 Anthracene	178	14.102	14.102	(1.007)	652217	25.0000	23.81
	62 Carbazole	167	14.412	14.412	(1.029)	538046	25.0000	22.96
	63 Di-n-butylphthalate	149	15.197	15.197	(1.085)	660646	25.0000	23.45
	64 Fluoranthene	202	15.923	15.923	(1.137)	678635	25.0000	23.14
	65 Pyrene	202	16.260	16.260	(0.892)	702094	25.0000	24.70
$	66 Terphenyl-d14	244	16.634	16.634	(0.913)	384113	25.0000	23.41
	67 Butylbenzylphthalate	149	17.558	17.558	(0.964)	293625	25.0000	24.64
	68 Benzo(a)anthracene	228	18.199	18.199	(0.999)	618503	25.0000	23.46
*	69 Chrysene-d12	240	18.221	18.221	(1.000)	354658	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.258	18.258	(1.002)	230241	25.0000	24.60
	71 Chrysene	228	18.258	18.258	(1.002)	596566	25.0000	23.01
	72 bis(2-Ethylhexyl)phthalate	149	18.578	18.578	(0.953)	403524	25.0000	25.30
*	134 Di-n-octylphthalate-d4	153	19.503	19.503	(1.000)	506314	20.0000	
	73 Di-n-octylphthalate	149	19.513	19.513	(1.001)	704475	25.0000	24.15

Data File: /chem3/nt4.i/20071101.b/cc1101.d
Report Date: 02-Nov-2007 11:40

	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	19.818	19.818	(0.975)	648256	25.0000	23.76
75	Benzo(k)fluoranthene	252	19.850	19.850	(0.977)	670940	25.0000	23.28
76	Benzo(a)pyrene	252	20.245	20.245	(0.996)	586275	25.0000	24.13
* 77	Perylene-d12	264	20.325	20.325	(1.000)	400782	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	21.661	21.661	(1.066)	748389	25.0000	28.02
79	Dibenzo(a,h)anthracene	278	21.693	21.693	(1.067)	629869	25.0000	28.71
80	Benzo(g,h,i)perylene	276	21.944	21.944	(1.080)	668044	25.0000	27.77
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
91	Aniline	93	6.377	6.377	(0.935)	442848	25.0000	22.71
105	1-methylnaphthalene	141	10.181	10.181	(1.148)	381624	25.0000	22.71
93	Benzidine	184	16.223	16.223	(0.890)	112096	25.0000	9.463
111	Azobenzene (1,2-DP-Hydrazine)	77	12.841	12.841	(1.099)	665871	25.0000	24.51
144	alpha-Terpineol	59	8.979	8.979	(1.012)	220591	25.0000	23.39
143	1,4-Dioxane	88	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
133	Butylatedhydroxytoluene	205	11.928	11.928	(1.021)	312884	25.0000	19.77
115	Tributyl Phosphate	99	12.985	12.985	(0.928)	592043	25.0000	24.35
116	Dibutyl Phenyl Phosphate	175	14.652	14.652	(1.047)	294752	25.0000	22.15
117	Butyl Diphenyl Phosphate	94	16.292	16.292	(0.894)	138462	25.0000	24.92
118	Triphenyl Phosphate	326	17.852	17.852	(0.980)	87331	25.0000	22.36
123	Acetophenone	105	7.552	7.552	(1.107)	387938	25.0000	24.71
170	Pentachlorobenzene	250	13.359	13.359	(1.144)	110203	25.0000	16.31

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: cc1101.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

Calibration Date: 01-NOV-2007
Calibration Time: 14:35

Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	145384	72692	290768	145384	0.00
27 Naphthalene-d8	530525	265262	1061050	530525	0.00
42 Acenaphthene-d10	280701	140350	561402	280701	0.00
59 Phenanthrene-d10	391934	195967	783868	391934	0.00
69 Chrysene-d12	354658	177329	709316	354658	0.00
134 Di-n-octylphthala	506314	253157	1012628	506314	0.00
77 Perylene-d12	400782	200391	801564	400782	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.82	6.32	7.32	6.82	0.00
27 Naphthalene-d8	8.87	8.37	9.37	8.87	0.00
42 Acenaphthene-d10	11.68	11.18	12.18	11.68	0.00
59 Phenanthrene-d10	14.00	13.50	14.50	14.00	0.00
69 Chrysene-d12	18.22	17.72	18.72	18.22	0.00
134 Di-n-octylphthala	19.50	19.00	20.00	19.50	0.00
77 Perylene-d12	20.33	19.83	20.83	20.33	0.00

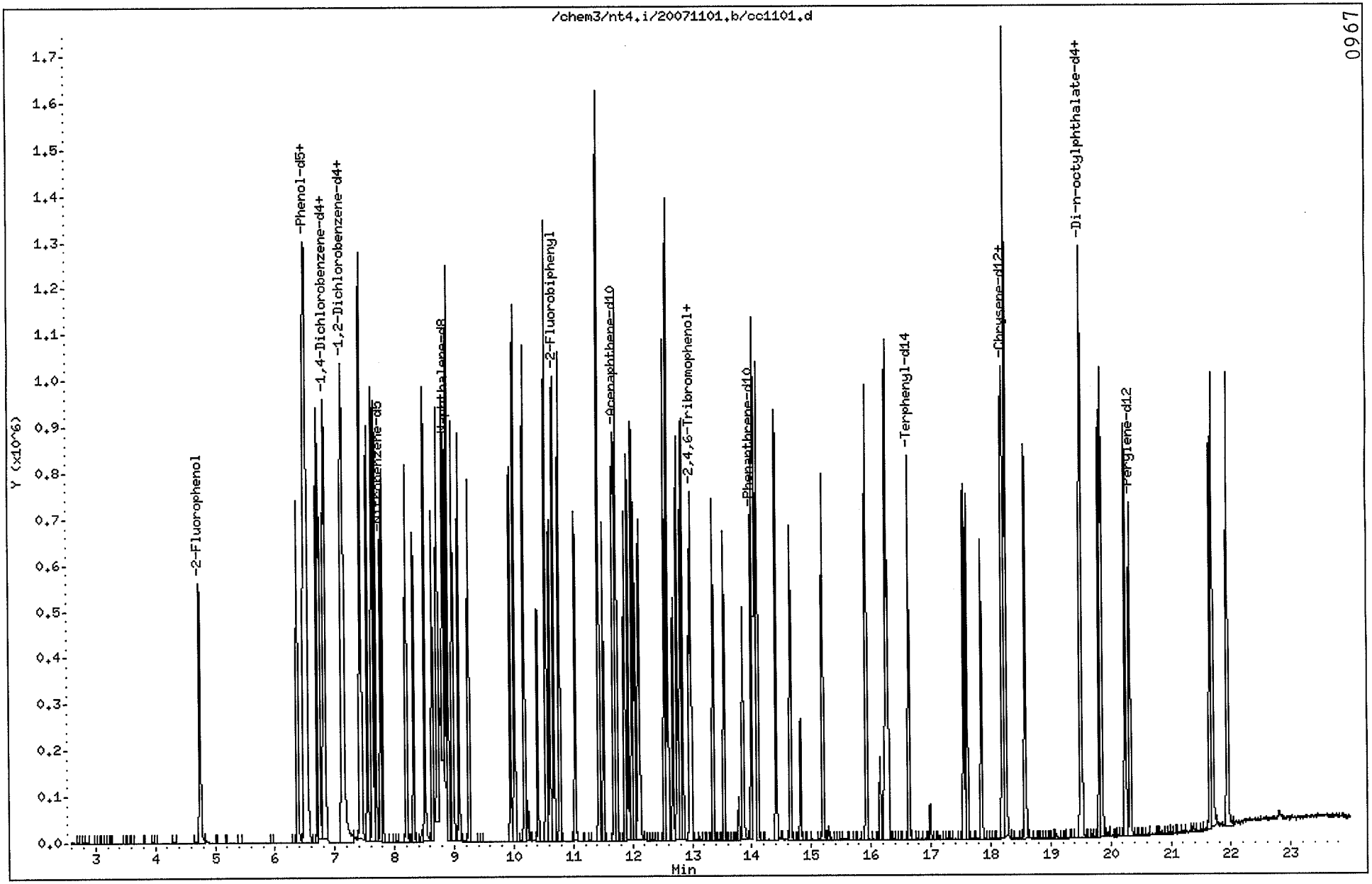
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20071101.b/cc1101.d
Date : 01-NOV-2007 14:35
Client ID:
Sample Info: ABN 25

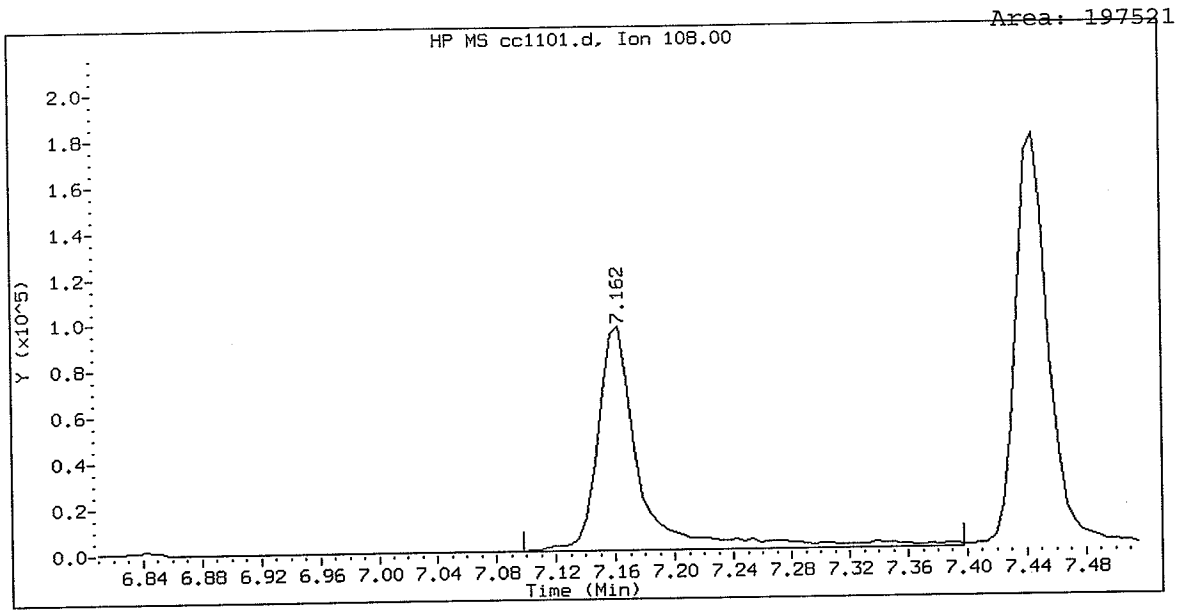
Instrument: nt4.i

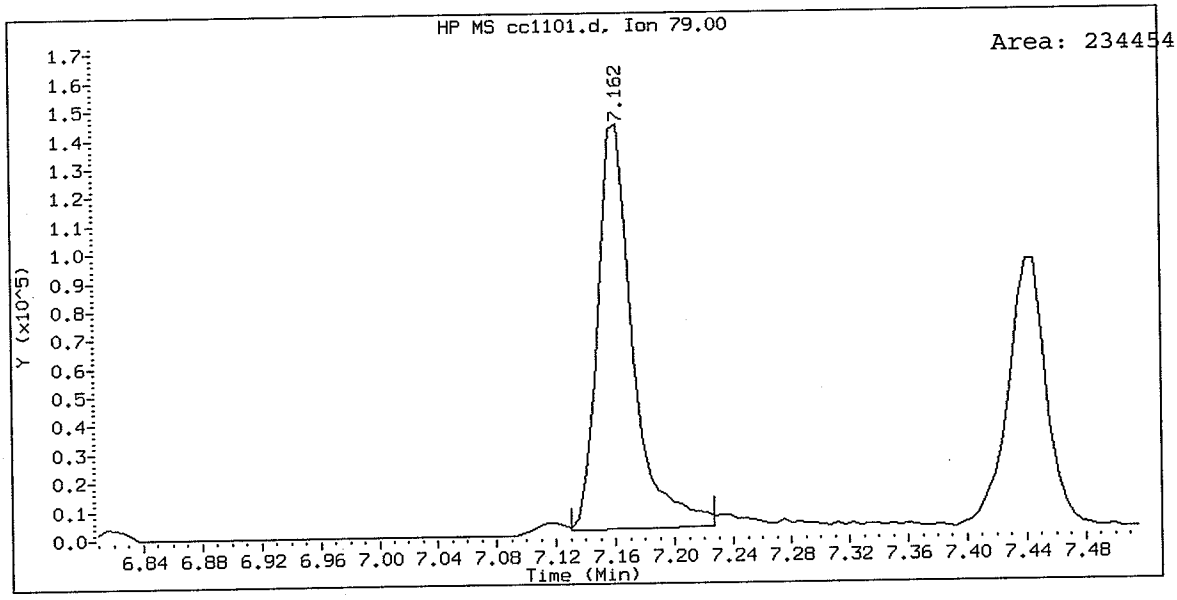
Operator: VTS
Column diameter: 0.32

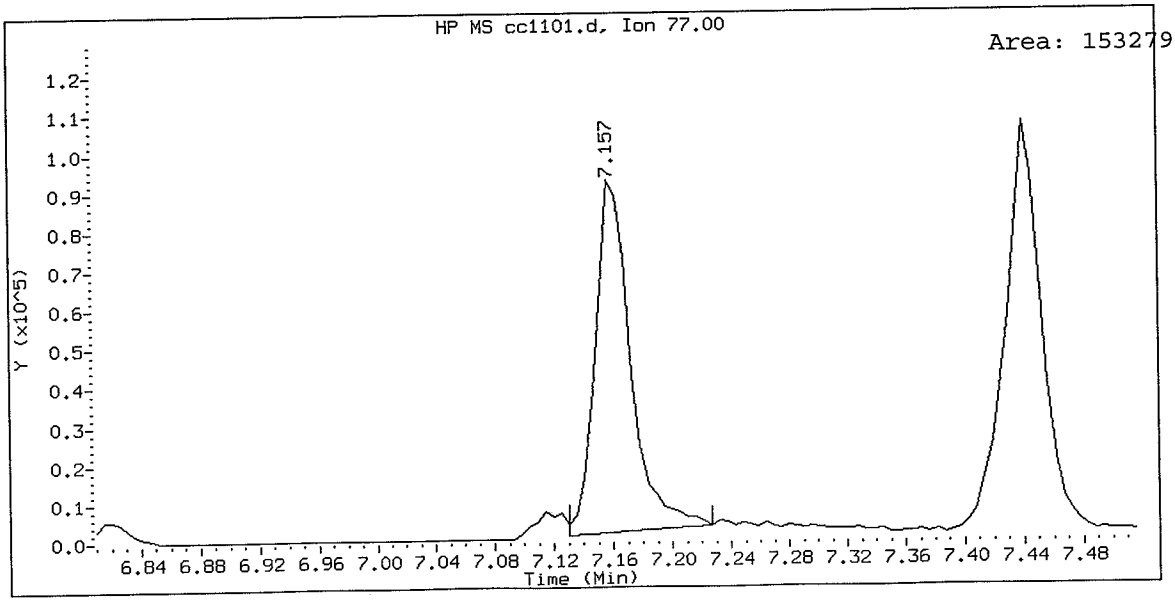
Column phase: ZB-5



ABN 25, /chem3/nt4.i/20071101.b/cc1101.d
Benzyl alcohol Amount: 26.47







Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem3/nt4.i/20071101.b/ddt.b/cc1101.d
Method: /chem3/nt4.i/20071101.b/ddt.b/sw846ddt.m
Analysis Date: 01-NOV-2007 14:35

ARI ID:
Misc:
Instrument: nt4.i

COMPOUND	RT	AREA
Pentachlorophenol	13.856	84091
Benzidine	16.223	115986
4,4'-DDE	----	----
4,4'-DDD	17.147	5078
4,4'-DDT	17.606	204938

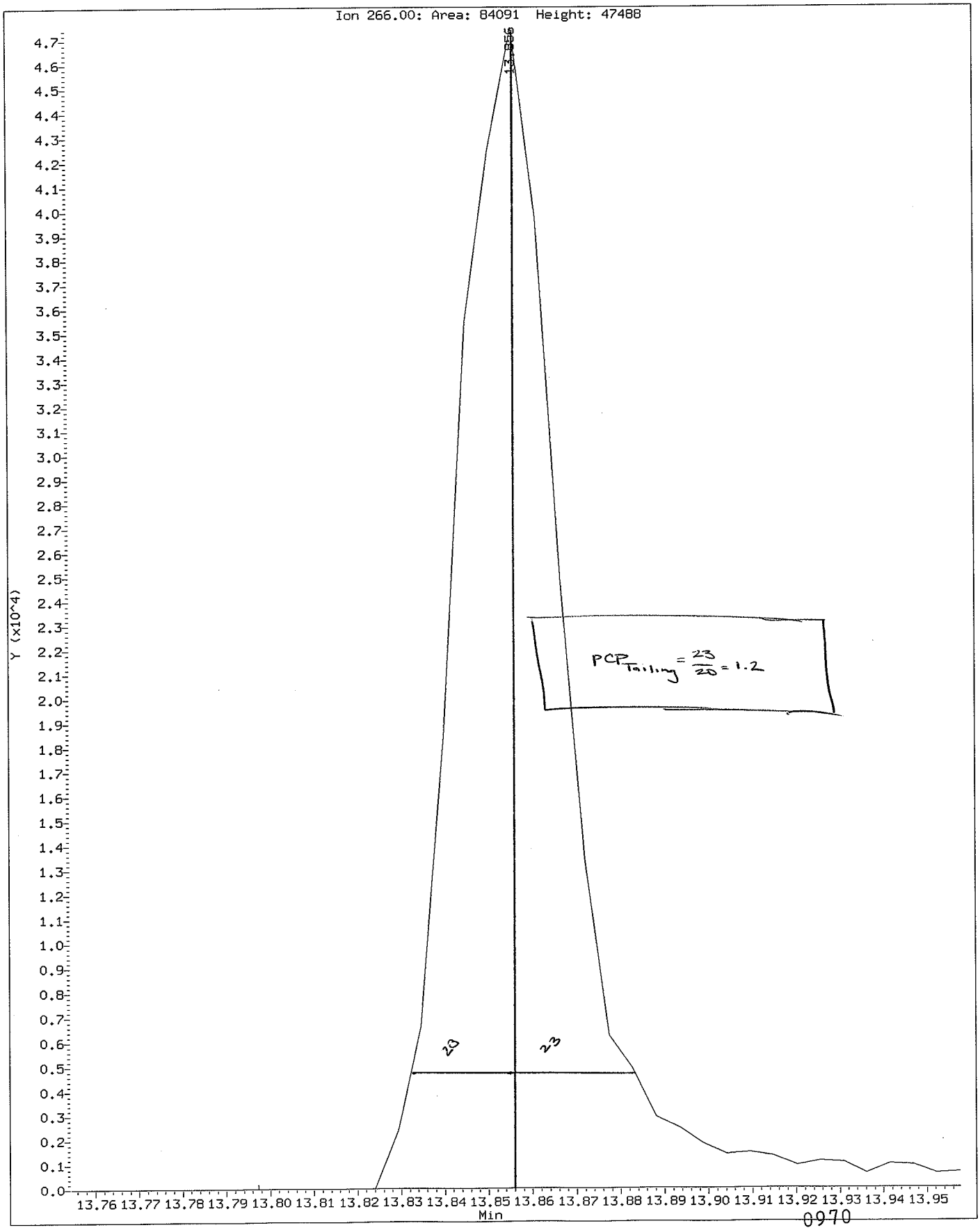
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(\ 0 + 5078) * 100}{(\ 0 + 5078 + 204938)}$$

DDT Percent Breakdown = 2.4 %

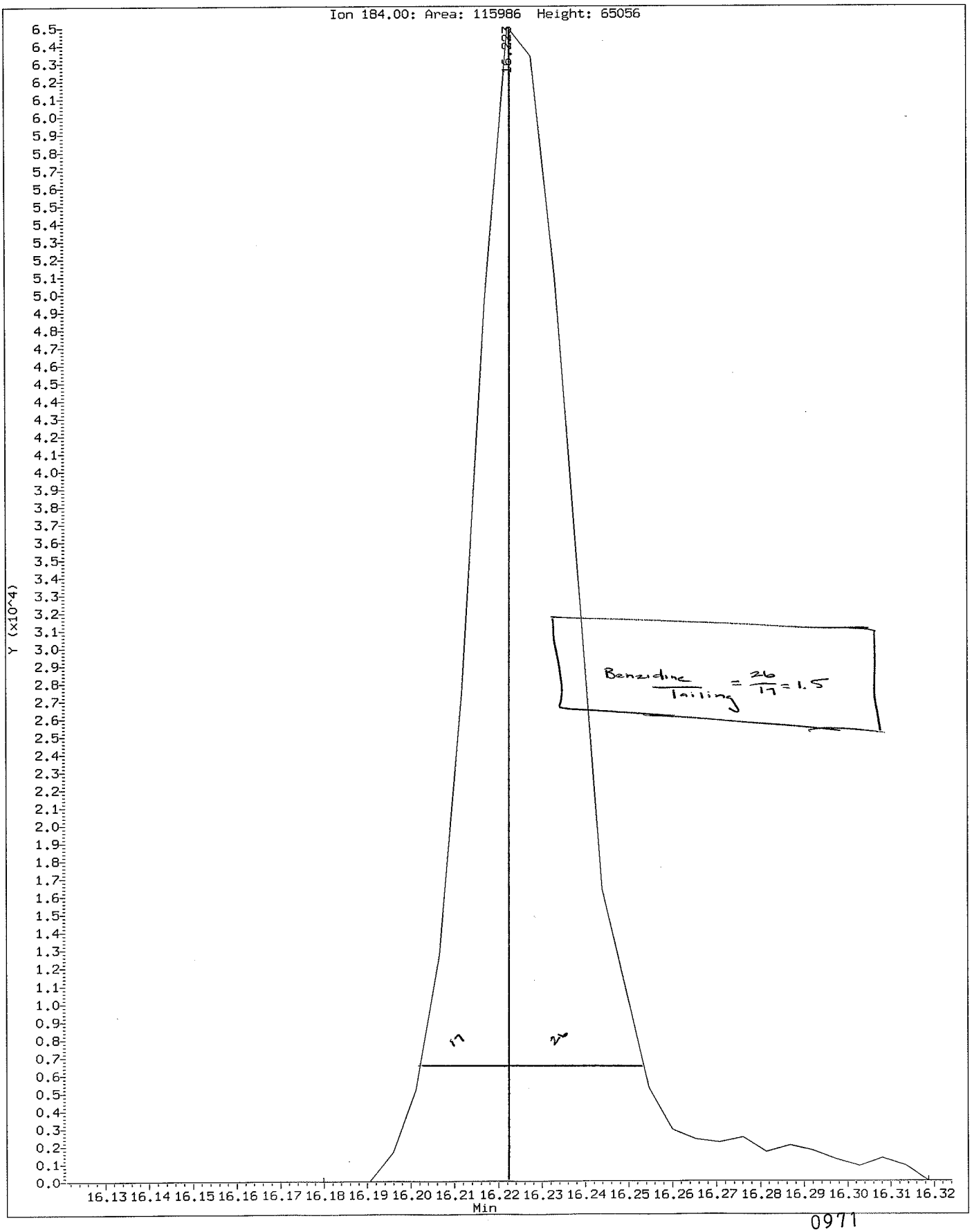
Data File: /chem3/nt4.i/20071101.b/ddt.b/cc1101.d
Injection Date: 01-NOV-2007 14:35
Instrument: nt4.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem3/nt4.i/20071101.b/ddt.b/cc1101.d
Injection Date: 01-NOV-2007 14:35
Instrument: nt4.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Semivolatile Organics
QC Raw Data

prepared
for

ANCHOR ENVIRONMENTAL

Project : KIMBERLY CLARK ANACORTES

ARI JOB NO. LR71

prepared
by

Analytical Resources, Inc.

Data File: /chem3/nt4.i/20071001.b/tune.b/0251001.d

Date : 01-OCT-2007 10:31

Client ID: DFTPP 1001

Instrument: nt4.i

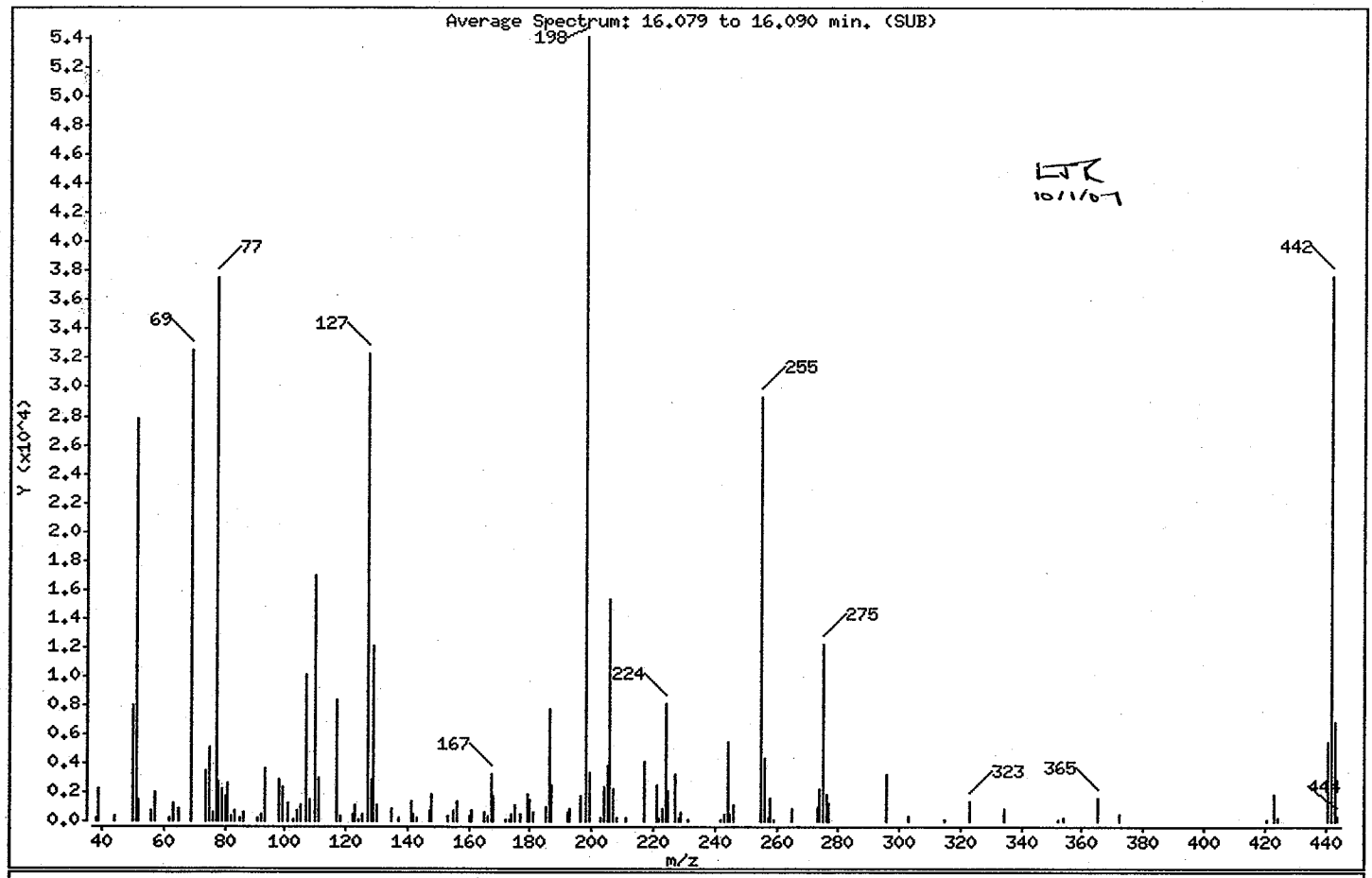
Sample Info: ABN 25

Operator: LJR

Column phase: ZB-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	51.33
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	60.03
70	Less than 2.00% of mass 69	0.00 (0.00)
127	25.00 - 75.00% of mass 198	59.68
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.34
275	10.00 - 30.00% of mass 198	22.64
365	Greater than 0.75% of mass 198	2.91
441	Present, but less than mass 443	10.05
442	40.00 - 110.00% of mass 198	69.56
443	15.00 - 24.00% of mass 442	12.67 (18.22)

Data File: /chem3/nt4.i/20071001.b/tune.b/0251001.d

Date : 01-OCT-2007 10:31

Client ID: DFTPP 1001 Instrument: nt4.i

Sample Info: ABN 25

Operator: LJR

Column phase: ZB-5 Column diameter: 0.32

Data File: 0251001.d

Spectrum: Average Spectrum: 16.079 to 16.090 min. (SUB)

Location of Maximum: 198.00

Number of points: 128

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	191	107.00	10066	175.00	1114	245.00	484
39.00	2290	108.00	1498	177.00	472	246.00	1090
44.00	346	110.00	17024	179.00	1926	255.00	29312
50.00	8035	111.00	2977	180.00	1503	256.00	4332
51.00	27784	117.00	8412	181.00	676	257.00	290
52.00	1486	118.00	400	185.00	954	258.00	1590
56.00	790	122.00	552	186.00	7724	259.00	172
57.00	1972	123.00	1073	187.00	2525	265.00	901
62.00	192	124.00	186	192.00	604	273.00	1003
63.00	1289	125.00	441	193.00	853	274.00	2267
65.00	820	127.00	32312	196.00	1789	275.00	12256
69.00	32496	128.00	2842	198.00	54136	276.00	1880
74.00	3554	129.00	12077	199.00	3430	277.00	1268
75.00	5162	130.00	1122	203.00	198	296.00	3227
76.00	604	135.00	927	204.00	2316	303.00	365
77.00	37488	137.00	258	205.00	3820	315.00	170
78.00	2702	141.00	1358	206.00	15303	323.00	1401
79.00	2245	142.00	464	207.00	2198	334.00	851
80.00	1743	143.00	190	208.00	213	352.00	183
81.00	2613	147.00	730	211.00	303	354.00	308
82.00	369	148.00	1887	217.00	4114	365.00	1576
83.00	738	153.00	401	221.00	2512	372.00	450
85.00	216	155.00	805	222.00	243	421.00	181
86.00	659	156.00	1312	223.00	818	423.00	1895
91.00	238	160.00	364	224.00	8166	424.00	202
92.00	457	161.00	753	225.00	2180	441.00	5442
93.00	3643	165.00	682	227.00	3227	442.00	37656
98.00	2829	166.00	371	228.00	243	443.00	6860
99.00	2323	167.00	3197	229.00	648	444.00	405
101.00	1278	168.00	1747	231.00	176		
103.00	174	172.00	167	242.00	179		
104.00	741	173.00	175	243.00	445		
105.00	1068	174.00	474	244.00	5470		

Data File: /chem3/nt4.i/20071001.b/tune.b/0251001.d

Date : 01-OCT-2007 10:31

Client ID: DFTPP 1001

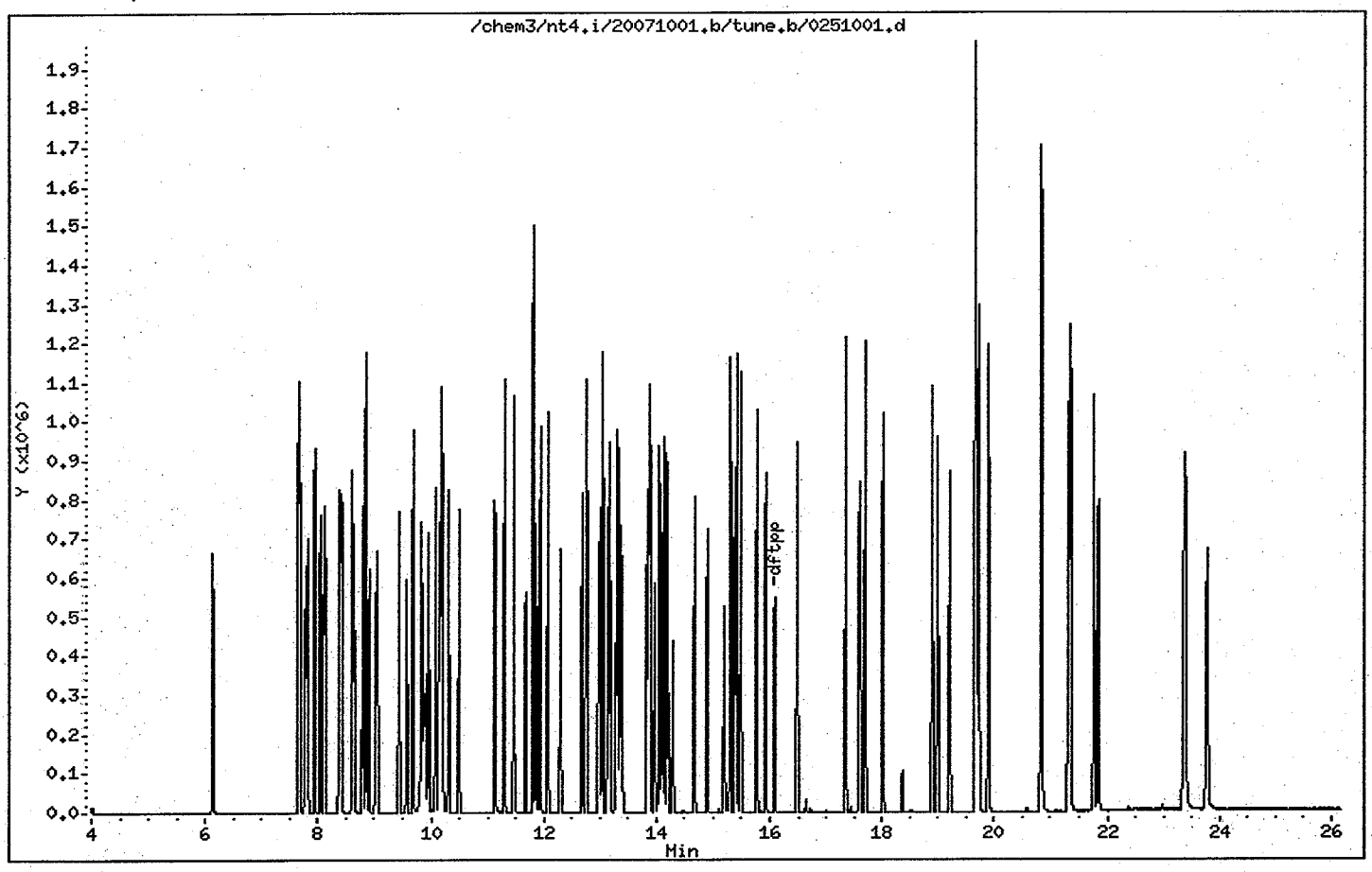
Instrument: nt4.i

Sample Info: ABN 25

Operator: LJR

Column phase: ZB-5

Column diameter: 0.32



Data File: /chem1/nt6.i/20071001.b/tune.b/0251001.d

Date : 01-OCT-2007 10:54

Client ID: DFTPP 1001

Instrument: nt6.i

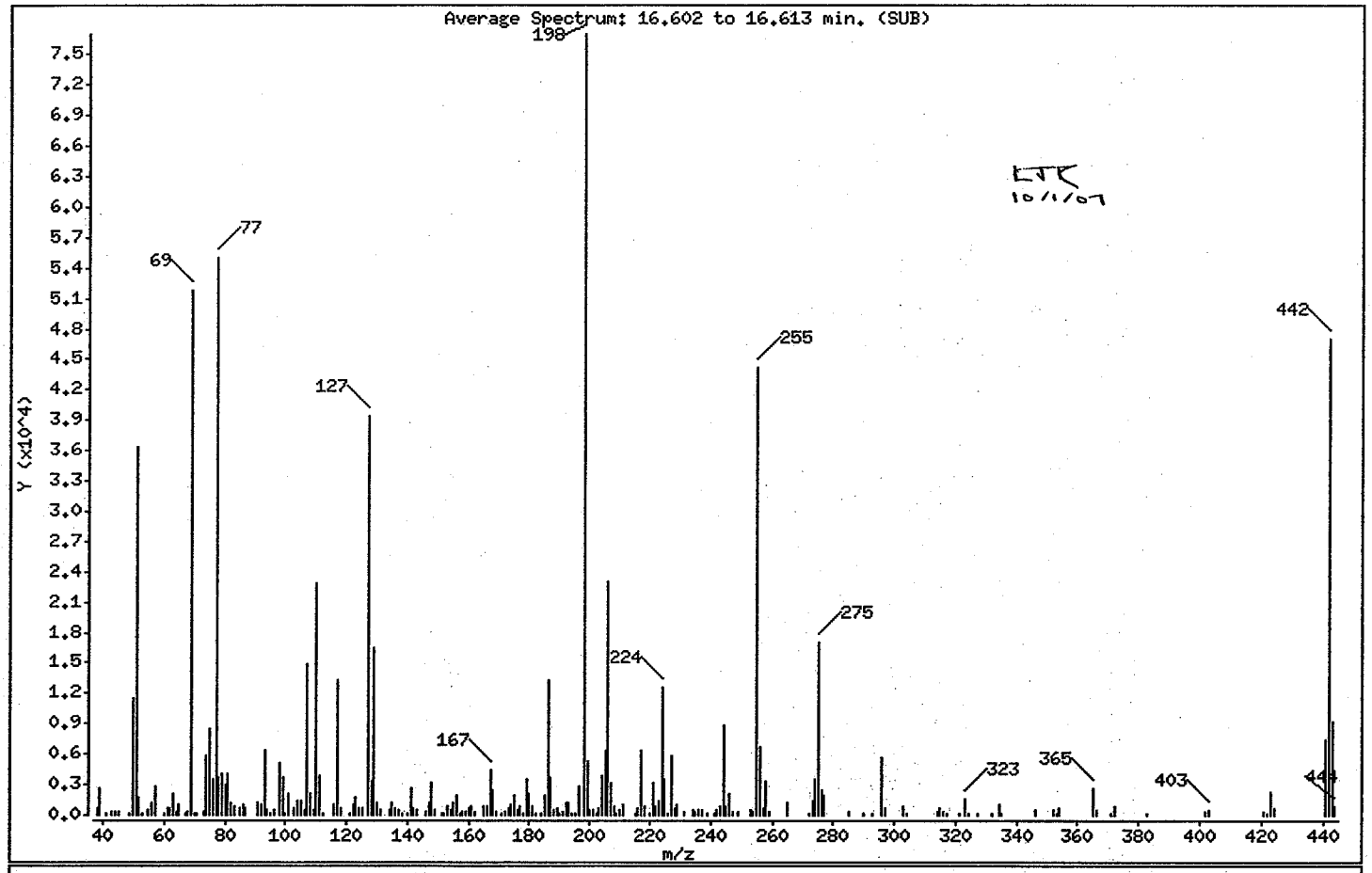
Sample Info: ABN 25

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	47.21
68	Less than 2.00% of mass 69	0.52 (0.77)
69	Mass 69 relative abundance	67.37
70	Less than 2.00% of mass 69	0.33 (0.49)
127	25.00 - 75.00% of mass 198	51.11
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.84
275	10.00 - 30.00% of mass 198	22.09
365	Greater than 0.75% of mass 198	3.35
441	Present, but less than mass 443	9.58
442	40.00 - 110.00% of mass 198	61.11
443	15.00 - 24.00% of mass 442	12.04 (19.70)

Data File: /chem1/nt6.i/20071001.b/tune.b/0251001.d

Date : 01-OCT-2007 10:54

Client ID: DFTPP 1001 Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5 Column diameter: 0.32

Data File: 0251001.d

Spectrum: Average Spectrum: 16.602 to 16.613 min. (SUB)

Location of Maximum: 198.00

Number of points: 220

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	658	110.00	22952	181.00	955	249.00	330
39.00	2748	111.00	3940	182.00	121	253.00	539
41.00	104	112.00	264	184.00	132	254.00	383
43.00	357	116.00	1077	185.00	1948	255.00	44144
44.00	365	117.00	13375	186.00	13334	256.00	6800
45.00	350	118.00	798	187.00	3719	257.00	794
49.00	252	121.00	111	188.00	457	258.00	3373
50.00	11588	122.00	1105	189.00	756	259.00	363
51.00	36368	123.00	1765	190.00	112	265.00	1304
52.00	1748	124.00	663	191.00	419	272.00	101
53.00	132	125.00	720	192.00	1219	273.00	1460
55.00	557	127.00	39368	193.00	1294	274.00	3620
56.00	1287	128.00	3343	194.00	133	275.00	17016
57.00	2768	129.00	16432	195.00	103	276.00	2398
60.00	113	130.00	1299	196.00	2759	277.00	1967
61.00	779	131.00	485	198.00	77032	285.00	346
62.00	707	134.00	615	199.00	5268	290.00	113
63.00	2080	135.00	1281	200.00	498	293.00	260
64.00	355	136.00	706	201.00	521	296.00	5635
65.00	1089	137.00	608	202.00	158	297.00	776
67.00	134	138.00	131	203.00	743	303.00	841
68.00	399	140.00	110	204.00	3840	304.00	112
69.00	51896	141.00	2589	205.00	6321	314.00	315
70.00	254	142.00	712	206.00	23064	315.00	720
71.00	114	143.00	553	207.00	3174	316.00	327
73.00	285	146.00	285	208.00	967	317.00	101
74.00	5913	147.00	1276	209.00	216	321.00	196
75.00	8555	148.00	3195	210.00	503	323.00	1576
76.00	3462	149.00	508	211.00	1033	324.00	254
77.00	55016	151.00	248	215.00	190	327.00	253
78.00	3674	152.00	179	216.00	673	332.00	111
79.00	4061	153.00	889	217.00	6360	334.00	1054
80.00	2930	154.00	593	218.00	856	335.00	245
81.00	4012	155.00	1243	220.00	124	346.00	516
82.00	1255	156.00	1917	221.00	3278	352.00	524

Data File: /chem1/nt6.i/20071001.b/tune.b/0251001.d

Date : 01-OCT-2007 10:54

Client ID: DFTPP 1001

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: 0251001.d

Spectrum: Average Spectrum: 16.602 to 16.613 min. (SUB)

Location of Maximum: 198.00

Number of points: 220

m/z	Y	m/z	Y	m/z	Y	m/z	Y
83.00	948	157.00	109	222.00	953	353.00	114
85.00	664	158.00	388	223.00	1430	354.00	732
86.00	1089	159.00	297	224.00	12611	365.00	2580
87.00	762	160.00	714	225.00	3524	366.00	480
91.00	1161	161.00	965	226.00	101	371.00	128
92.00	1107	162.00	286	227.00	5853	372.00	943
93.00	6437	165.00	934	228.00	684	383.00	222
94.00	621	166.00	871	229.00	1136	402.00	343
95.00	116	167.00	4475	231.00	425	403.00	557
96.00	485	168.00	2523	234.00	489	421.00	349
98.00	5190	169.00	414	235.00	345	422.00	171
99.00	3715	171.00	100	236.00	532	423.00	2343
100.00	253	172.00	414	237.00	490	424.00	774
101.00	2094	173.00	635	239.00	117	441.00	7380
103.00	702	174.00	1004	241.00	209	442.00	47080
104.00	1334	175.00	2029	242.00	518	443.00	9277
105.00	1499	176.00	543	243.00	893	444.00	880
106.00	541	177.00	807	244.00	8932		
107.00	14883	178.00	260	245.00	828		
108.00	2217	179.00	3579	246.00	2087		
109.00	458	180.00	2216	247.00	427		

Data File: /chem1/nt6.i/20071001.b/tune.b/0251001.d

Date : 01-OCT-2007 10:54

Client ID: DFTPP 1001

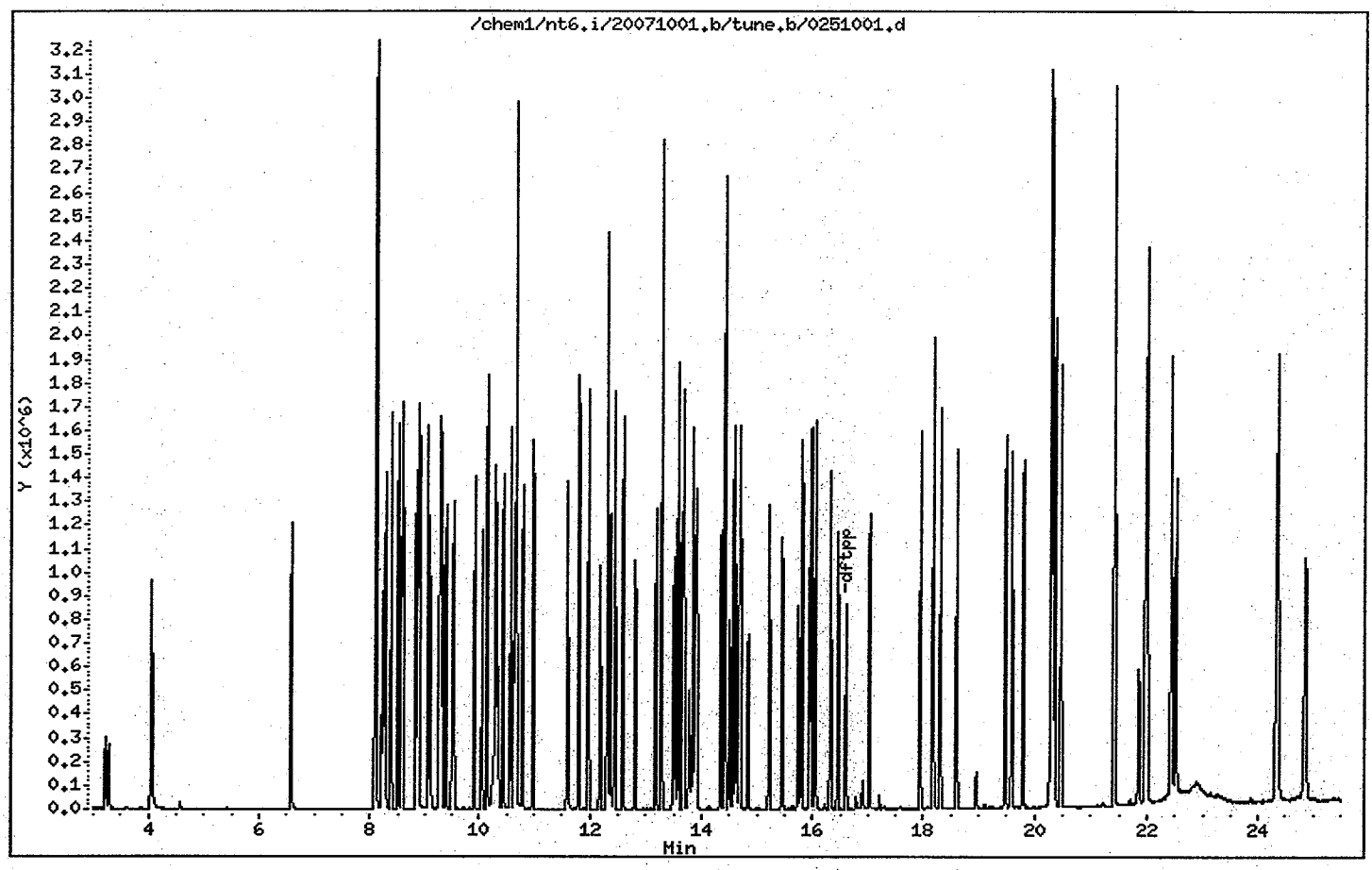
Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32



Data File: /chem1/nt6.i/20071018.b/tune.b/cc1018.d

Date : 18-OCT-2007 10:07

Client ID:

Instrument: nt6.i

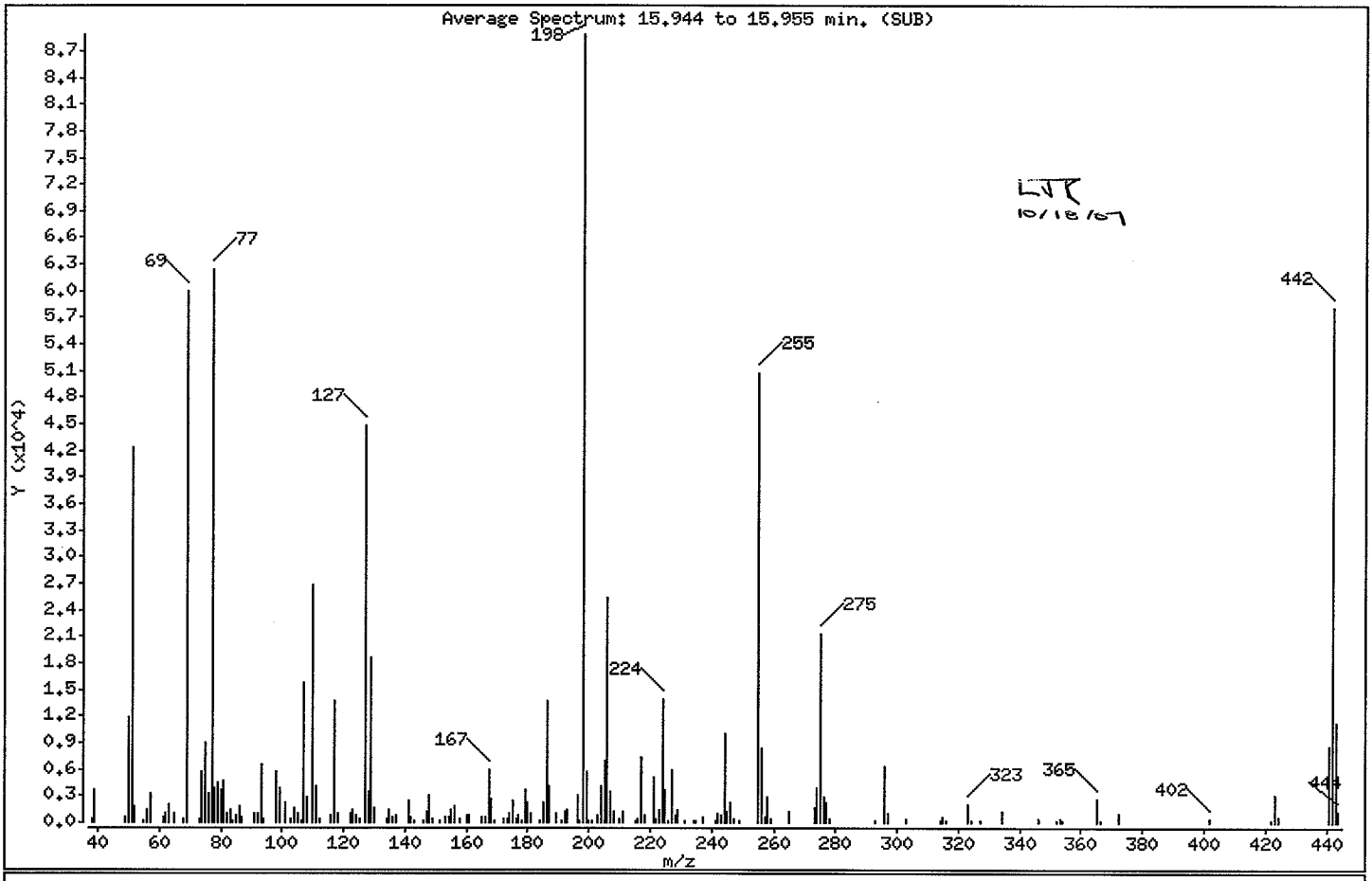
Sample Info: ABN 25

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	47.68
68	Less than 2.00% of mass 69	0.40 (0.60)
69	Mass 69 relative abundance	67.61
70	Less than 2.00% of mass 69	0.00 (0.00)
127	25.00 - 75.00% of mass 198	50.54
197	Less than 1.00% of mass 198	0.31
199	5.00 - 9.00% of mass 198	6.50
275	10.00 - 30.00% of mass 198	23.86
365	Greater than 0.75% of mass 198	3.02
441	Present, but less than mass 443	9.59
442	40.00 - 110.00% of mass 198	65.47
443	15.00 - 24.00% of mass 442	12.72 (19.43)

Data File: /chem1/nt6.i/20071018.b/tune.b/cc1018.d

Date : 18-OCT-2007 10:07

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: cc1018.d

Spectrum: Average Spectrum: 15.944 to 15.955 min. (SUB)

Location of Maximum: 198.00

Number of points: 176

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	444	112.00	423	181.00	1121	246.00	2169
39.00	3635	116.00	911	184.00	254	247.00	449
49.00	665	117.00	13724	185.00	2215	249.00	213
50.00	11786	118.00	922	186.00	13633	255.00	50704
51.00	42344	122.00	1064	187.00	4019	256.00	8314
52.00	1936	123.00	1529	189.00	989	257.00	662
55.00	173	124.00	753	191.00	205	258.00	2944
56.00	1456	125.00	420	192.00	1326	259.00	375
57.00	3350	127.00	44888	193.00	1450	265.00	1253
61.00	649	128.00	3554	196.00	2972	273.00	1669
62.00	969	129.00	18568	197.00	278	274.00	3937
63.00	1962	130.00	1646	198.00	88816	275.00	21192
65.00	1084	134.00	419	199.00	5773	276.00	2813
68.00	358	135.00	1507	200.00	222	277.00	2219
69.00	60056	136.00	601	201.00	235	278.00	381
73.00	458	137.00	718	203.00	778	293.00	185
74.00	5700	141.00	2520	204.00	4063	296.00	6446
75.00	9044	142.00	568	205.00	6889	297.00	923
76.00	3193	143.00	262	206.00	25432	303.00	432
77.00	62448	146.00	226	207.00	3391	314.00	252
78.00	3927	147.00	1310	208.00	1268	315.00	674
79.00	4584	148.00	2982	210.00	506	316.00	166
80.00	3768	149.00	387	211.00	1171	323.00	2051
81.00	4778	151.00	189	215.00	173	324.00	166
82.00	1023	153.00	536	216.00	383	327.00	195
83.00	1435	154.00	672	217.00	7427	334.00	1279
84.00	147	155.00	1340	218.00	718	346.00	453
85.00	815	156.00	1923	221.00	5040	352.00	231
86.00	1774	158.00	402	222.00	440	353.00	431
87.00	608	160.00	794	223.00	1495	354.00	198
91.00	988	161.00	905	224.00	13885	365.00	2686
92.00	1021	165.00	709	225.00	3707	366.00	176
93.00	6646	166.00	580	226.00	173	372.00	1045
94.00	439	167.00	5893	227.00	5966	402.00	367
98.00	5634	168.00	2647	228.00	868	422.00	173

Data File: /chem1/nt6.i/20071018.b/tune.b/cc1018.d

Date : 18-OCT-2007 10:07

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: cc1018.d

Spectrum: Average Spectrum: 15.944 to 15.955 min. (SUB)

Location of Maximum: 198.00

Number of points: 176

m/z	Y	m/z	Y	m/z	Y	m/z	Y
99.00	3848	169.00	238	229.00	1469	423.00	3110
101.00	2225	172.00	385	231.00	168	424.00	579
103.00	381	173.00	387	234.00	188	441.00	8514
104.00	1636	174.00	1099	235.00	175	442.00	58152
105.00	1075	175.00	2486	237.00	548	443.00	11300
106.00	218	176.00	440	241.00	207	444.00	1138
107.00	15832	177.00	891	242.00	1099		
108.00	2884	178.00	224	243.00	877		
110.00	26872	179.00	3703	244.00	10094		
111.00	4097	180.00	2341	245.00	1326		

Data File: /chem1/nt6.i/20071018.b/tune.b/cc1018.d

Date : 18-OCT-2007 10:07

Client ID:

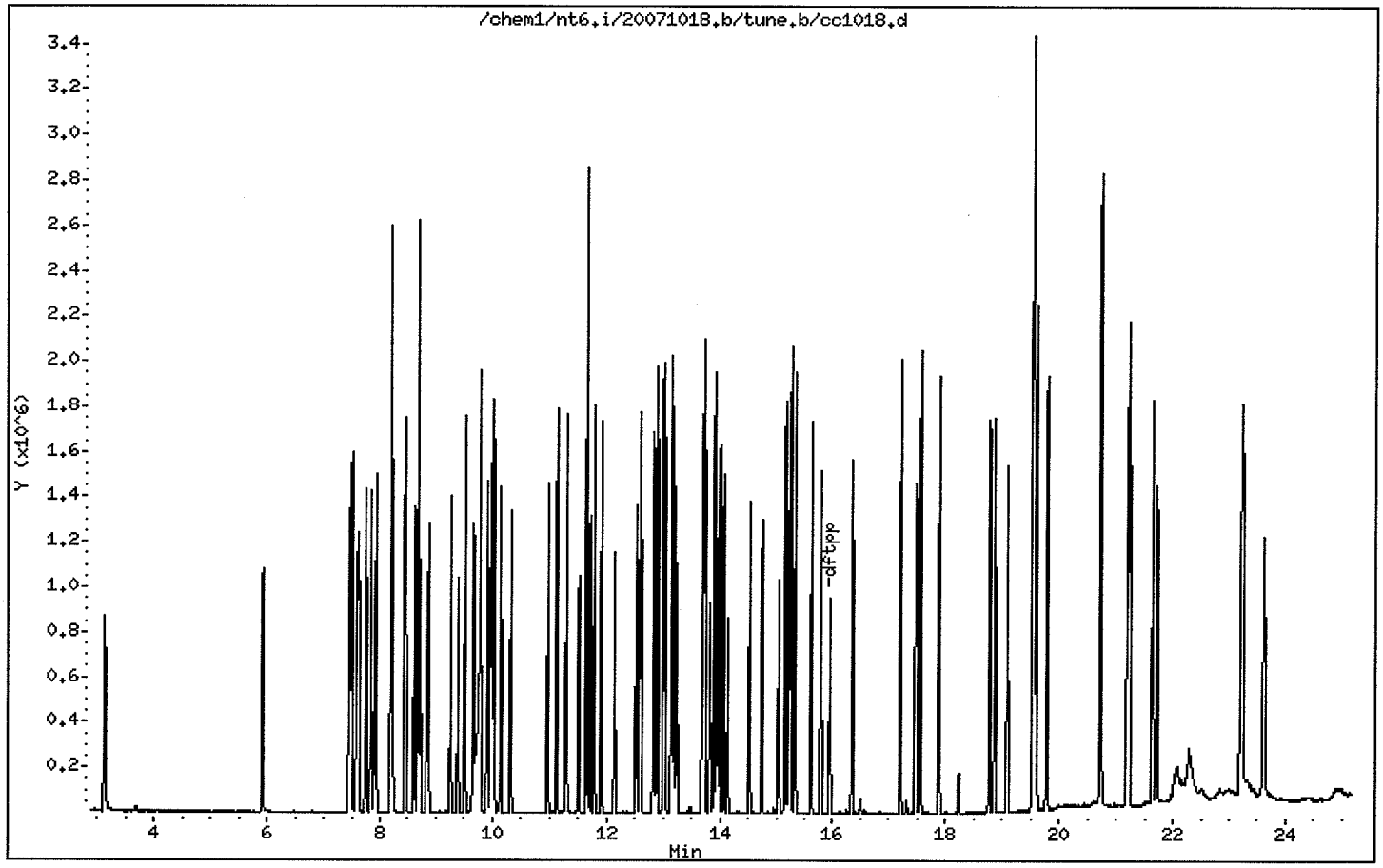
Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32



Data File: /chem1/nt6.i/20071019.b/tune.b/cc1019.d

Date : 19-OCT-2007 09:25

Client ID: DFTPP 1019

Instrument: nt6.i

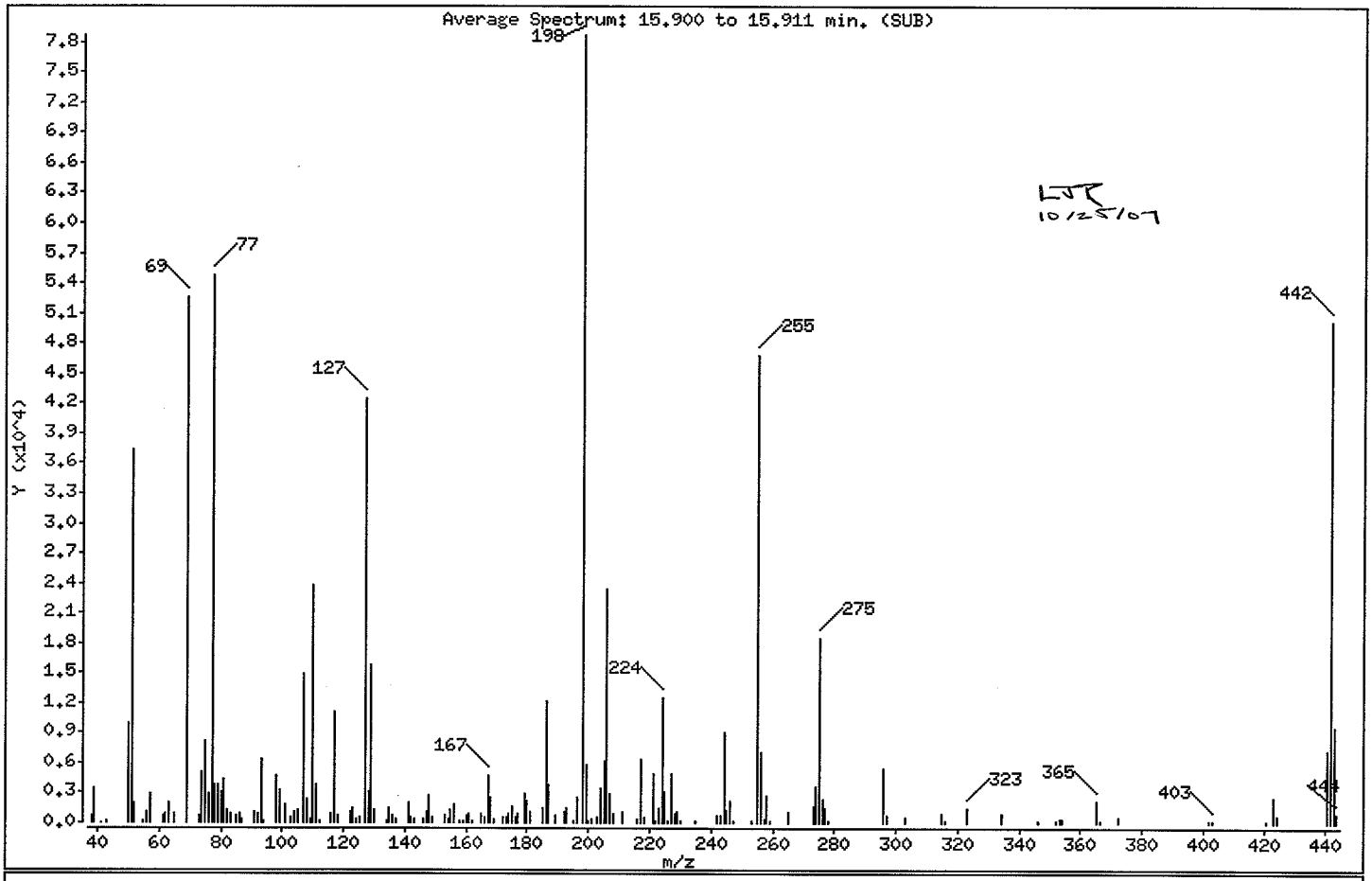
Sample Info: ABN 25

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	47.41
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	66.83
70	Less than 2.00% of mass 69	0.00 (0.00)
127	25.00 - 75.00% of mass 198	53.96
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.42
275	10.00 - 30.00% of mass 198	23.40
365	Greater than 0.75% of mass 198	2.83
441	Present, but less than mass 443	9.27
442	40.00 - 110.00% of mass 198	63.79
443	15.00 - 24.00% of mass 442	12.27 (19.23)

Data File: /chem1/nt6.i/20071019.b/tune.b/cc1019.d

Date : 19-OCT-2007 09:25

Client ID: DFTPP 1019 Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5 Column diameter: 0.32

Data File: cc1019.d

Spectrum: Average Spectrum: 15.900 to 15.911 min. (SUB)

Location of Maximum: 198.00

Number of points: 165

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	645	110.00	23744	175.00	1612	245.00	1304
39.00	3472	111.00	3771	176.00	566	246.00	2235
41.00	12	112.00	204	177.00	968	247.00	184
43.00	217	116.00	959	179.00	2884	253.00	172
50.00	9982	117.00	11053	180.00	2128	255.00	46776
51.00	37304	118.00	658	181.00	1061	256.00	7101
52.00	1984	122.00	1040	185.00	1526	257.00	274
55.00	271	123.00	1440	186.00	12056	258.00	2775
56.00	1177	124.00	367	187.00	3810	259.00	186
57.00	2903	125.00	626	189.00	808	265.00	1160
61.00	760	127.00	42456	192.00	1142	273.00	1587
62.00	824	128.00	3129	193.00	1383	274.00	3688
63.00	1924	129.00	15854	195.00	192	275.00	18408
65.00	871	130.00	1349	196.00	2508	276.00	2411
69.00	52584	134.00	220	198.00	78680	277.00	1447
73.00	770	135.00	1456	199.00	5840	278.00	180
74.00	5039	136.00	674	200.00	190	296.00	5350
75.00	8229	137.00	396	201.00	338	297.00	732
76.00	2930	141.00	1983	203.00	535	303.00	499
77.00	54744	142.00	500	204.00	3421	315.00	817
78.00	3843	143.00	411	205.00	6129	316.00	178
79.00	3862	146.00	377	206.00	23376	323.00	1525
80.00	3055	147.00	1082	207.00	2840	334.00	933
81.00	4332	148.00	2666	208.00	865	346.00	229
82.00	1183	149.00	476	211.00	1046	352.00	171
83.00	958	153.00	740	216.00	394	353.00	408
85.00	772	154.00	434	217.00	6325	354.00	381
86.00	943	155.00	1232	218.00	523	365.00	2229
87.00	396	156.00	1887	221.00	4839	366.00	222
91.00	1039	158.00	203	222.00	247	372.00	578
92.00	978	159.00	183	223.00	1534	402.00	169
93.00	6255	160.00	771	224.00	12464	403.00	211
94.00	177	161.00	897	225.00	3075	421.00	172
98.00	4786	162.00	183	226.00	199	423.00	2506
99.00	3274	165.00	899	227.00	4985	424.00	694

Data File: /chem1/nt6.i/20071019.b/tune.b/cc1019.d

Date : 19-OCT-2007 09:25

Client ID: DFTPP 1019 Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5 Column diameter: 0.32

Data File: cc1019.d

Spectrum: Average Spectrum: 15.900 to 15.911 min. (SUB)

Location of Maximum: 198.00

Number of points: 165

m/z	Y	m/z	Y	m/z	Y	m/z	Y
101.00	1895	166.00	583	228.00	864	441.00	7298
103.00	633	167.00	4717	229.00	1039	442.00	50192
104.00	1008	168.00	2489	230.00	178	443.00	9655
105.00	1289	169.00	425	235.00	181	444.00	842
107.00	14831	172.00	540	242.00	669		
108.00	2367	173.00	624	243.00	795		
109.00	312	174.00	845	244.00	9066		

Data File: /chem1/nt6.i/20071019.b/tune.b/cc1019.d

Date : 19-OCT-2007 09:25

Client ID: DFTPP 1019

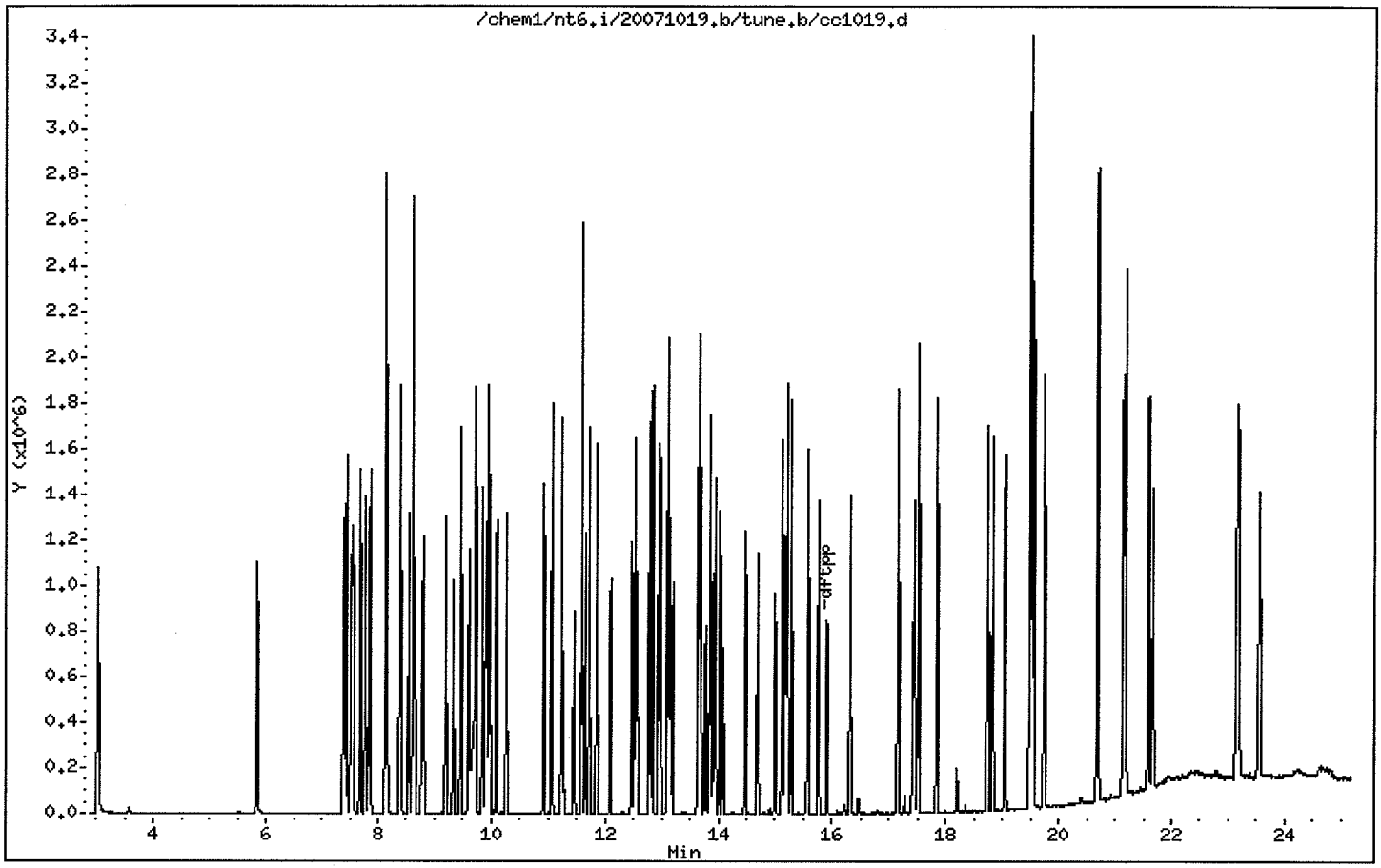
Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32



Data File: /chem3/nt4.i/20071101.b/tune.b/cc1101.d

Date : 01-NOV-2007 14:35

Client ID:

Instrument: nt4.i

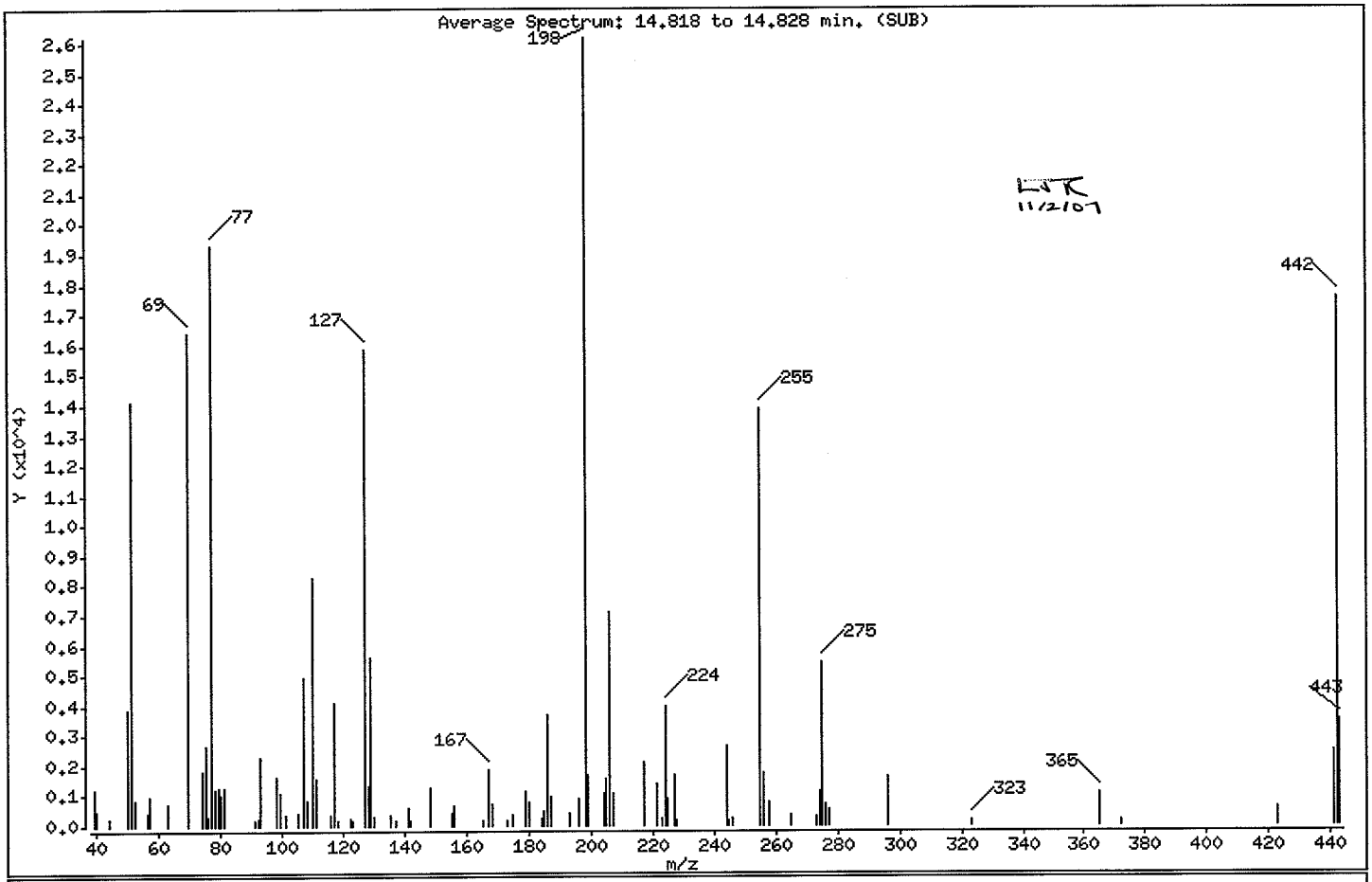
Sample Info: ABN 25

Operator: LJR

Column phase: ZB-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	54.01
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	62.57
70	Less than 2.00% of mass 69	0.00 (0.00)
127	25.00 - 75.00% of mass 198	60.64
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	20.75
365	Greater than 0.75% of mass 198	4.13
441	Present, but less than mass 443	9.39
442	40.00 - 110.00% of mass 198	67.01
443	15.00 - 24.00% of mass 442	13.28 (19.81)

Data File: /chem3/nt4.i/20071101.b/tune.b/cc1101.d

Date : 01-NOV-2007 14:35

Client ID:

Instrument: nt4.i

Sample Info: ABN 25

Operator: LJR

Column phase: ZB-5

Column diameter: 0.32

Data File: cc1101.d
Spectrum: Average Spectrum: 14.818 to 14.828 min. (SUB)
Location of Maximum: 198.00
Number of points: 91

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1228	101.00	390	167.00	1865	227.00	1666
40.00	458	105.00	449	168.00	726	228.00	177
44.00	266	107.00	4937	173.00	185	244.00	2628
50.00	3876	108.00	833	175.00	381	245.00	188
51.00	14142	110.00	8259	179.00	1120	246.00	213
52.00	840	111.00	1542	180.00	801	255.00	13853
56.00	420	116.00	346	184.00	228	256.00	1748
57.00	953	117.00	4076	185.00	467	258.00	760
63.00	713	118.00	171	186.00	3668	265.00	370
69.00	16383	122.00	231	187.00	952	273.00	279
74.00	1839	123.00	169	193.00	426	274.00	1124
75.00	2681	127.00	15877	196.00	898	275.00	5432
76.00	328	128.00	1333	198.00	26184	276.00	754
77.00	19304	129.00	5631	199.00	1699	277.00	521
78.00	1230	130.00	295	204.00	1067	296.00	1657
79.00	1263	135.00	365	205.00	1549	323.00	196
80.00	1043	137.00	173	206.00	7127	365.00	1081
81.00	1286	141.00	631	207.00	1058	372.00	189
91.00	172	142.00	188	217.00	2131	423.00	629
92.00	246	148.00	1274	221.00	1374	441.00	2459
93.00	2268	155.00	393	223.00	233	442.00	17544
98.00	1612	156.00	656	224.00	4007	443.00	3476
99.00	1089	165.00	210	225.00	894		

Data File: /chem3/nt4.i/20071101.b/tune.b/cc1101.d

Date : 01-NOV-2007 14:35

Client ID:

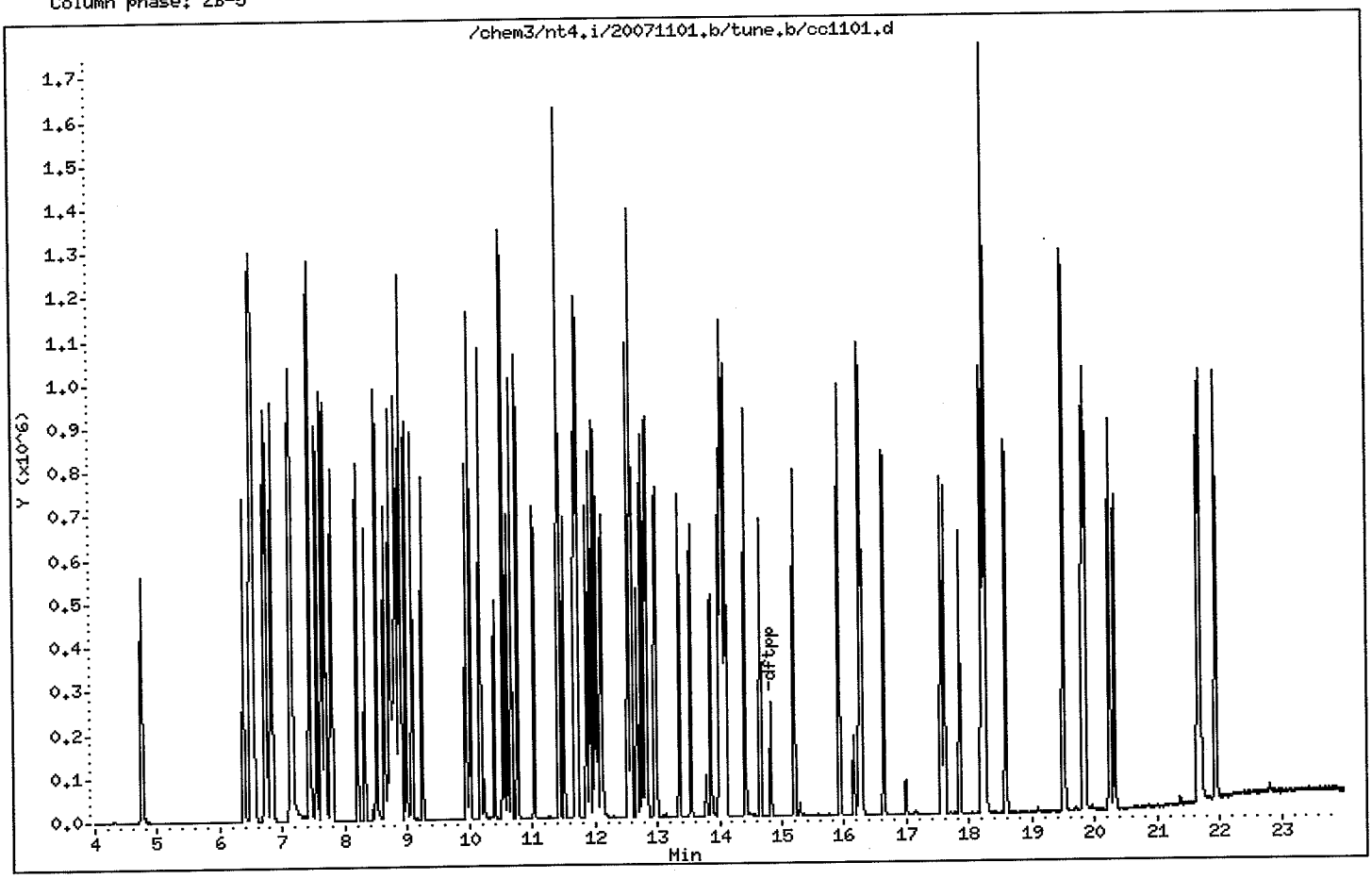
Instrument: nt4.i

Sample Info: ABN 25

Operator: LJR

Column phase: ZB-5

Column diameter: 0.32



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: MB-101007**
Page 1 of 2 **METHOD BLANK**

Lab Sample ID: MB-101007
LIMS ID: 07-20770
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: NA
Date Received: NA

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 10:42
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.0 g
Final Extract Volume: 1.0 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
67-72-1	Hexachloroethane	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	10	< 10 UJ
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	10	< 10 UJ
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

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: MB-101007**
 METHOD BLANK

Lab Sample ID: MB-101007 QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20770 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/18/07 10:42

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	44.4%	2-Fluorobiphenyl	39.4%
d14-p-Terphenyl	64.0%	d4-1,2-Dichlorobenzene	38.2%
d5-Phenol	49.1%	2-Fluorophenol	57.1%
2,4,6-Tribromophenol	52.0%	d4-2-Chlorophenol	46.9%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071018.b/lr71mb.d
Lab Smp Id: LR71MBS1 Client Smp ID: LR71MBS1
Inj Date : 18-OCT-2007 10:42
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : LR71MBS1
Misc Info : 07-20770
Comment : 1ul Injection
Method : /chem1/nt6.i/20071018.b/SW846.m
Meth Date : 25-Oct-2007 15:32 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDAMBLCS.sub
Target Version: 3.50

LJR 10/25/07

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	50.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.970	5.917	(0.755)	310733	21.4206	428.4
$	2 Phenol-d5	99	7.487	7.488	(0.947)	341083	18.4062	368.1
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.605	7.600	(0.961)	217765	17.6441	352.9
	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	7.909	7.904	(1.000)	196851	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	8.209	8.204	(1.038)	88259	9.53616	190.7
	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	8.844	8.845	(0.887)	229474	11.1141	222.3
	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	9.966	9.961	(1.000)	642624	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	11.783	11.777	(0.917)	300809	9.84259	196.9(R)
	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	12.851	12.841	(1.000)	392528	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	14.149	14.139	(1.101)	74400	19.5360	390.7
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	15.234	15.223	(1.000)	628504	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)	CONCENTRATIONS FINAL (ug/kg)
	63 Di-n-butylphthalate	149	Compound Not Detected.					
	64 Fluoranthene	202	Compound Not Detected.					
	65 Pyrene	202	Compound Not Detected.					
$	66 Terphenyl-d14	244	17.899	17.884	(0.915)	426239	16.0368	320.7
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	Compound Not Detected.					
*	69 Chrysene-d12	240	19.566	19.556	(1.000)	591236	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	20.731	20.720	(1.000)	863452	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	21.730	21.719	(1.000)	554552	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

R - Spike/Surrogate failed recovery limits.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: lr71mb.d
Lab Smp Id: LR71MBS1
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20770

Calibration Date: 18-OCT-2007
Calibration Time: 10:07
Client Smp ID: LR71MBS1
Level: LOW
Sample Type: Solid

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	196851	-7.18
27 Naphthalene-d8	656578	328289	1313156	642624	-2.13
42 Acenaphthene-d10	353705	176852	707410	392528	10.98
59 Phenanthrene-d10	526440	263220	1052880	628504	19.39
69 Chrysene-d12	581923	290962	1163846	591236	1.60
134 Di-n-octylphthala	979097	489548	1958194	863452	-11.81
77 Perylene-d12	686531	343266	1373062	554552	-19.22

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.90	7.40	8.40	7.91	0.06
27 Naphthalene-d8	9.96	9.46	10.46	9.97	0.05
42 Acenaphthene-d10	12.84	12.34	13.34	12.85	0.08
59 Phenanthrene-d10	15.22	14.72	15.72	15.23	0.07
69 Chrysene-d12	19.56	19.06	20.06	19.57	0.05
134 Di-n-octylphthala	20.72	20.22	21.22	20.73	0.05
77 Perylene-d12	21.72	21.22	22.22	21.73	0.05

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

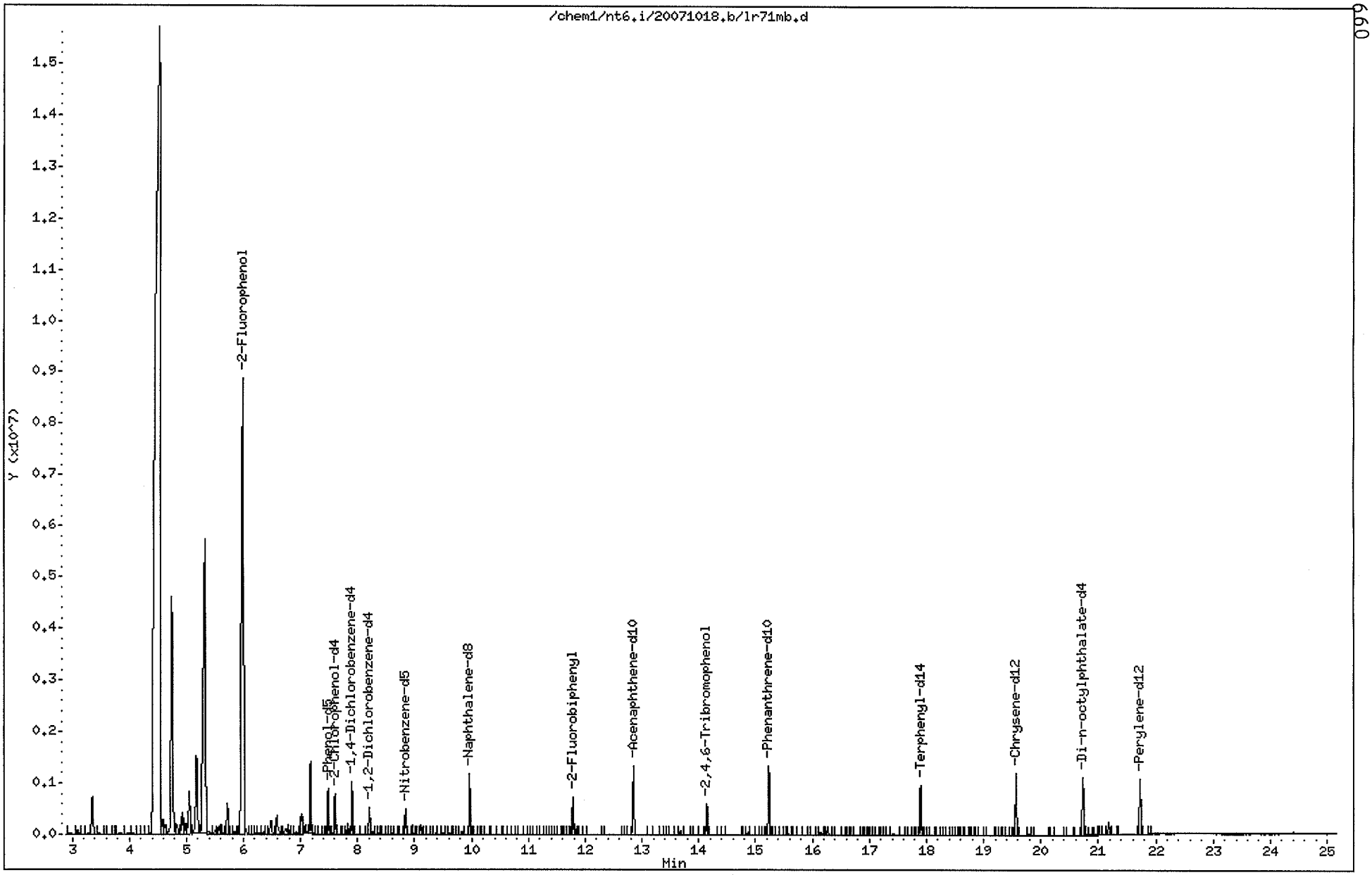
Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: LR71MBS1
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDAMBLCS.sub
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20770

Client SDG: LR71
Fraction: SV
Client Smp ID: LR71MBS1
Operator: LJR/VTS
SampleType: BLANK
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	428.4	57.12	26-83
$ 2 Phenol-d5	750.0	368.1	49.08	42-82
$ 5 2-Chlorophenol-d4	750.0	352.9	47.05	43-80
$ 10 1,2-Dichlorobenzen	500.0	190.7	38.14	38-79
$ 18 Nitrobenzene-d5	500.0	222.3	44.46	42-79
$ 36 2-Fluorobiphenyl	500.0	196.9	39.37*	43-80
$ 55 2,4,6-Tribromophen	750.0	390.7	52.10	41-94
$ 66 Terphenyl-d14	500.0	320.7	64.15	39-105

Data File: /chem1/nt6.i/20071018.b/lr71mb.d
Date : 18-OCT-2007 10:42
Client ID: LR71MBS1
Sample Info: LR71MBS1
Volume Injected (uL): 1.0
Column phase: ZB-5

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



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ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
Page 1 of 2 **MATRIX SPIKE**

Lab Sample ID: LR71E
LIMS ID: 07-20770
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 17:29
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.7%

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	---
67-72-1	Hexachloroethane	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	99	---
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	---

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
Page 2 of 2 **MATRIX SPIKE**

Lab Sample ID: LR71E QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20770 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/18/07 17:29

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	57.6%	2-Fluorobiphenyl	56.8%
d14-p-Terphenyl	78.8%	d4-1,2-Dichlorobenzene	56.8%
d5-Phenol	66.4%	2-Fluorophenol	75.7%
2,4,6-Tribromophenol	77.6%	d4-2-Chlorophenol	64.3%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071018.b/lr71ems.d
Lab Smp Id: LR71EMS Client Smp ID: AN-SS-10-070928 MS
Inj Date : 18-OCT-2007 17:29
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : LR71EMS
Misc Info : 07-20770
Comment : 1ul Injection
Method : /chem1/nt6.i/20071018.b/SW846.m
Meth Date : 25-Oct-2007 15:31 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 13 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 10/25/07

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	65.10000	Weight of sample extracted (g)
M	22.70000	% 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	5.983	5.917	(0.756)	376101	28.3758	563.9
$	2 Phenol-d5	99	7.506	7.488	(0.948)	421120	24.8719	494.3
	3 Phenol	94	7.522	7.504	(0.950)	357320	17.0286	338.4
$	5 2-Chlorophenol-d4	132	7.618	7.600	(0.962)	271835	24.1055	479.0
	4 Bis(2-Chloroethyl)ether	93	7.591	7.579	(0.959)	211166	14.8911	295.9
	6 2-Chlorophenol	128	7.645	7.627	(0.966)	200437	15.8780	315.5
	7 1,3-Dichlorobenzene	146	7.853	7.840	(0.992)	186020	13.2617	263.5
*	8 1,4-Dichlorobenzene-d4	152	7.917	7.904	(1.000)	179861	20.0000	
	9 1,4-Dichlorobenzene	146	7.938	7.931	(1.003)	184032	12.7225	252.8
$	10 1,2-Dichlorobenzene-d4	152	8.216	8.204	(1.038)	120072	14.1990	282.2
	12 1,2-Dichlorobenzene	146	8.238	8.225	(1.040)	183167	13.4644	267.6
	11 Benzyl alcohol	108	8.211	8.198	(1.037)	313095	38.1609	758.3
	14 2,2'-oxybis(1-Chloropropane)	45	8.467	8.465	(1.069)	197936	15.1256	300.6
	13 2-Methylphenol	108	8.451	8.439	(1.067)	207988	17.2471	342.7
	17 Hexachloroethane	117	8.729	8.716	(1.103)	79196	12.3949	246.3

	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	8.686	8.679	(1.097)	197401	15.6092	310.2
	15 4-Methylphenol	108	8.692	8.674	(1.098)	483554	38.2839	760.8
$	18 Nitrobenzene-d5	82	8.852	8.845	(0.888)	275349	14.3576	285.3
	19 Nitrobenzene	77	8.879	8.871	(0.890)	283231	13.7602	273.4
	20 Isophorone	82	9.274	9.261	(0.930)	502915	16.5931	329.7
	21 2-Nitrophenol	139	9.402	9.395	(0.943)	99059	14.3904	286.0
	22 2,4-Dimethylphenol	107	9.525	9.518	(0.955)	233080	14.8189	294.5
	23 Bis(2-Chloroethoxy)methane	93	9.669	9.662	(0.969)	259232	15.4309	306.6
	24 Benzoic acid	105	9.749	9.785	(0.978)	369277	34.3989	683.6
	25 2,4-Dichlorophenol	162	9.792	9.780	(0.982)	165659	15.8904	315.8
	26 1,2,4-Trichlorobenzene	180	9.920	9.908	(0.995)	170652	13.4273	266.8
*	27 Naphthalene-d8	136	9.974	9.961	(1.000)	596899	20.0000	
	28 Naphthalene	128	10.006	9.999	(1.003)	533849	14.5094	288.3
	29 4-Chloroaniline	127	10.166	10.143	(1.019)	98447	6.91676	137.4 (RM)
	30 Hexachlorobutadiene	225	10.332	10.319	(1.036)	107371	12.6663	251.7
	31 4-Chloro-3-methylphenol	107	10.983	10.971	(1.101)	216643	17.7894	353.5
	32 2-Methylnaphthalene	141	11.133	11.126	(1.116)	301933	16.3319	324.5
	33 Hexachlorocyclopentadiene	237	11.523	11.510	(0.896)	145118	17.1172	340.2
	34 2,4,6-Trichlorophenol	196	11.657	11.644	(0.907)	133760	14.1946	282.1
	35 2,4,5-Trichlorophenol	196	11.715	11.703	(0.911)	143752	15.7498	313.0
$	36 2-Fluorobiphenyl	172	11.785	11.777	(0.917)	423173	14.2390	283.0
	37 2-Chloronaphthalene	162	11.918	11.906	(0.927)	350309	13.7195	272.6
	38 2-Nitroaniline	65	12.153	12.141	(0.946)	177246	15.4993	308.0
	39 Dimethylphthalate	163	12.538	12.525	(0.975)	430287	16.6537	330.9
	40 Acenaphthylene	152	12.597	12.584	(0.980)	582385	14.8794	295.7
	41 2,6-Dinitrotoluene	165	12.629	12.616	(0.983)	93898	14.6106	290.3
*	42 Acenaphthene-d10	164	12.853	12.841	(1.000)	381704	20.0000	
	43 3-Nitroaniline	138	12.837	12.825	(0.999)	127638	20.7981	413.3 (R)
	44 Acenaphthene	153	12.907	12.894	(1.004)	370177	14.9849	297.8
	45 2,4-Dinitrophenol	184	13.008	12.995	(1.012)	242516	50.9465	1012
	46 Dibenzofuran	168	13.168	13.156	(1.025)	570573	16.4863	327.6
	47 4-Nitrophenol	109	13.163	13.145	(1.024)	95014	16.9366	336.6
	48 2,4-Dinitrotoluene	165	13.259	13.241	(1.032)	130548	16.7003	331.9
	50 Diethylphthalate	149	13.703	13.695	(1.066)	457953	17.5333	348.4
	49 Fluorene	166	13.729	13.711	(1.068)	441979	16.1684	321.3
	51 4-Chlorophenyl-phenylether	204	13.756	13.743	(1.070)	233333	15.3178	304.4
	52 4-Nitroaniline	138	13.836	13.823	(1.076)	44659	8.13067	161.6
	53 4,6-Dinitro-2-methylphenol	198	13.916	13.904	(0.913)	305438	47.9438	952.7
	54 N-Nitrosodiphenylamine	169	13.964	13.952	(0.916)	290694	18.1274	360.2
$	55 2,4,6-Tribromophenol	330	14.157	14.139	(1.101)	107772	29.1013	578.3
	56 4-Bromophenyl-phenylether	248	14.541	14.529	(0.954)	133567	15.3419	304.9
	57 Hexachlorobenzene	284	14.760	14.742	(0.968)	133360	15.0559	299.2
	58 Pentachlorophenol	266	15.060	15.047	(0.988)	79200	14.2503	283.2
*	59 Phenanthrene-d10	188	15.241	15.223	(1.000)	629026	20.0000	
	60 Phenanthrene	178	15.273	15.261	(1.002)	719727	17.8332	354.4
	61 Anthracene	178	15.348	15.335	(1.007)	581616	14.3925	286.0
	62 Carbazole	167	15.636	15.624	(1.026)	616993	17.1643	341.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	63 Di-n-butylphthalate	149	16.374	16.350	(1.074)	789806	18.8436	374.5
	64 Fluoranthene	202	17.223	17.205	(1.130)	970438	21.0265	417.8
	65 Pyrene	202	17.576	17.563	(0.898)	940322	20.5302	408.0
$	66 Terphenyl-d14	244	17.902	17.884	(0.915)	564649	19.6958	391.4
	67 Butylbenzylphthalate	149	18.794	18.776	(0.960)	357014	17.7271	352.3
	68 Benzo(a)anthracene	228	19.547	19.529	(0.999)	786934	15.7492	313.0
*	69 Chrysene-d12	240	19.574	19.556	(1.000)	637723	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.568	19.545	(1.000)	33795	1.65258	32.84(RM)
	71 Chrysene	228	19.611	19.598	(1.002)	772746	17.2095	342.0
	72 bis(2-Ethylhexyl)phthalate	149	19.798	19.785	(0.955)	559799	19.8742	394.9
*	134 Di-n-octylphthalate-d4	153	20.733	20.720	(1.000)	931529	20.0000	
	73 Di-n-octylphthalate	149	20.744	20.731	(1.000)	930259	17.3131	344.0
	74 Benzo(b)fluoranthene	252	21.203	21.190	(0.976)	741522	18.7898	373.4
	75 Benzo(k)fluoranthene	252	21.240	21.228	(0.977)	855586	20.4947	407.3
	76 Benzo(a)pyrene	252	21.652	21.639	(0.996)	635780	17.5497	348.7
*	77 Perylene-d12	264	21.732	21.719	(1.000)	549566	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	23.222	23.215	(1.069)	446348	10.3888	206.4
	79 Dibenzo(a,h)anthracene	278	23.249	23.236	(1.070)	400870	11.1053	220.7
	80 Benzo(g,h,i)perylene	276	23.623	23.616	(1.087)	271177	6.31169	125.4
	90 N-Nitrosodimethylamine	74	3.168	3.139	(0.400)	125717	12.2086	242.6(M)
	91 Aniline	93	7.516	7.456	(0.949)	82323	3.41777	67.92(M)
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	3.200	3.118	(0.404)	21505	1.41081	28.04(M)
	105 1-methylnaphthalene	141	11.309	11.297	(1.134)	302271	16.3956	325.8
	111 Azobenzene (1,2-DP-Hydrazine)	77	14.007	14.000	(1.090)	586942	15.4374	306.8

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: lr71ems.d
Lab Smp Id: LR71EMS
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20770

Calibration Date: 18-OCT-2007
Calibration Time: 10:07
Client Smp ID: AN-SS-10-070928
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	179861	-15.19
27 Naphthalene-d8	656578	328289	1313156	596899	-9.09
42 Acenaphthene-d10	353705	176852	707410	381704	7.92
59 Phenanthrene-d10	526440	263220	1052880	629026	19.49
69 Chrysene-d12	581923	290962	1163846	637723	9.59
134 Di-n-octylphthala	979097	489548	1958194	931529	-4.86
77 Perylene-d12	686531	343266	1373062	549566	-19.95

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.90	7.40	8.40	7.92	0.16
27 Naphthalene-d8	9.96	9.46	10.46	9.97	0.13
42 Acenaphthene-d10	12.84	12.34	13.34	12.85	0.10
59 Phenanthrene-d10	15.22	14.72	15.72	15.24	0.12
69 Chrysene-d12	19.56	19.06	20.06	19.57	0.09
134 Di-n-octylphthala	20.72	20.22	21.22	20.73	0.06
77 Perylene-d12	21.72	21.22	22.22	21.73	0.06

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: LR71EMS
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20770

Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-10-070928 MS
Operator: LJR/VTS
SampleType: MS
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	496.8	338.4	68.11	45-89
4	Bis(2-Chloroethyl)	496.8	295.9	59.56	42-82
6	2-Chlorophenol	496.8	315.5	63.51	46-80
7	1,3-Dichlorobenzen	496.8	263.5	53.05	45-76
9	1,4-Dichlorobenzen	496.8	252.8	50.89	45-76
11	Benzyl alcohol	993.6	758.3	76.32	36-79
12	1,2-Dichlorobenzen	496.8	267.6	53.86	44-78
13	2-Methylphenol	496.8	342.7	68.99	47-82
14	2,2'-oxybis(1-Chlo	496.8	300.6	60.50	36-96
15	4-Methylphenol	993.6	760.8	76.57	47-86
16	N-Nitroso-di-n-pro	496.8	310.2	62.44	42-84
17	Hexachloroethane	496.8	246.3	49.58	40-77
19	Nitrobenzene	496.8	273.4	55.04	35-94
20	Isophorone	496.8	329.7	66.37	50-86
21	2-Nitrophenol	496.8	286.0	57.56	46-84
22	2,4-Dimethylphenol	496.8	294.5	59.28	30-76
23	Bis(2-Chloroethoxy	496.8	306.6	61.72	48-81
24	Benzoic acid	1490	683.6	45.87	39-103
25	2,4-Dichlorophenol	496.8	315.8	63.56	50-85
26	1,2,4-Trichloroben	496.8	266.8	53.71	45-81
28	Naphthalene	496.8	288.3	58.04	46-80
29	4-Chloroaniline	1192	137.4	11.53*	15-79
30	Hexachlorobutadien	496.8	251.7	50.67	44-79
31	4-Chloro-3-methylp	496.8	353.5	71.16	50-89
32	2-Methylnaphthalen	496.8	324.5	65.33	49-81
33	Hexachlorocyclopen	1490	340.2	22.82	17-98
34	2,4,6-Trichlorophe	496.8	282.1	56.78	48-89
35	2,4,5-Trichlorophe	496.8	313.0	63.00	47-91
37	2-Chloronaphthalen	496.8	272.6	54.88	50-83
38	2-Nitroaniline	496.8	308.0	62.00	45-96
39	Dimethylphthalate	496.8	330.9	66.61	53-87
40	Acenaphthylene	496.8	295.7	59.52	51-84
41	2,6-Dinitrotoluene	496.8	290.3	58.44	49-95

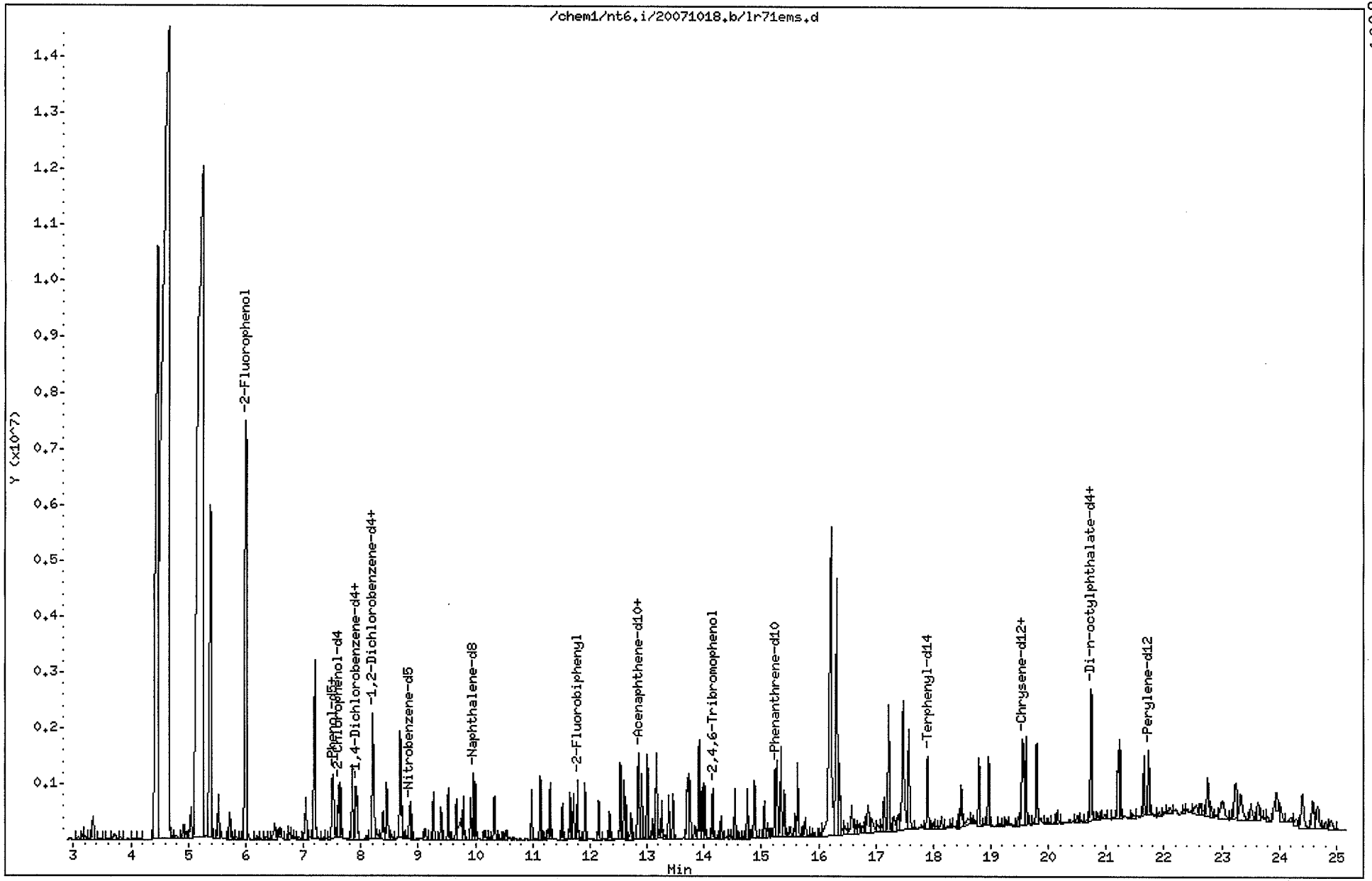
SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
43 3-Nitroaniline	1272	413.3	32.50*	36-92
44 Acenaphthene	496.8	297.8	59.94	51-83
45 2,4-Dinitrophenol	1490	1012	67.93	10-191
46 Dibenzofuran	496.8	327.6	65.95	50-86
47 4-Nitrophenol	496.8	336.6	67.75	44-98
48 2,4-Dinitrotoluene	496.8	331.9	66.80	50-98
49 Fluorene	496.8	321.3	64.67	52-86
50 Diethylphthalate	496.8	348.4	70.13	55-89
51 4-Chlorophenyl-phe	496.8	304.4	61.27	51-85
52 4-Nitroaniline	496.8	161.6	32.52	30-87
53 4,6-Dinitro-2-meth	1490	952.7	63.93	10-136
54 N-Nitrosodiphenyla	496.8	360.2	72.51	28-158
56 4-Bromophenyl-phen	496.8	304.9	61.37	50-90
57 Hexachlorobenzene	496.8	299.2	60.22	49-91
58 Pentachlorophenol	496.8	283.2	57.00	40-100
60 Phenanthrene	496.8	354.4	71.33	51-91
61 Anthracene	496.8	286.0	57.57	51-86
62 Carbazole	496.8	341.1	68.66	51-89
63 Di-n-butylphthalat	496.8	374.5	75.37	58-95
64 Fluoranthene	496.8	417.8	84.11	54-94
65 Pyrene	496.8	408.0	82.12	46-100
67 Butylbenzylphthala	496.8	352.3	70.91	51-99
68 Benzo(a)anthracene	496.8	313.0	63.00	52-90
70 3,3'-Dichlorobenzi	1272	32.84	2.58*	10-86
71 Chrysene	496.8	342.0	68.84	51-93
72 bis(2-Ethylhexyl)p	496.8	394.9	79.50	36-111
73 Di-n-octylphthalat	496.8	344.0	69.25	29-108
74 Benzo(b)fluoranthe	496.8	373.4	75.16	54-102
75 Benzo(k)fluoranthe	496.8	407.3	81.98	45-107
76 Benzo(a)pyrene	496.8	348.7	70.20	52-95
78 Indeno(1,2,3-cd)py	496.8	206.4	41.56	34-105
79 Dibenzo(a,h)anthra	496.8	220.7	44.42	36-112
80 Benzo(g,h,i)peryle	496.8	125.4	25.25	25-116

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	745.2	563.9	75.67	11-84
$ 2 Phenol-d5	745.2	494.3	66.33	25-86
$ 5 2-Chlorophenol-d4	745.2	479.0	64.28	23-91
$ 10 1,2-Dichlorobenzen	496.8	282.2	56.80	24-90
$ 18 Nitrobenzene-d5	496.8	285.3	57.43	26-88
$ 36 2-Fluorobiphenyl	496.8	283.0	56.96	34-91
$ 55 2,4,6-Tribromophen	745.2	578.3	77.60	25-107

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 66 Terphenyl-d14	496.8	391.4	78.78	22-100

Data File: /chem1/nt6.i/20071018.b/lr71ems.d
Date : 18-OCT-2007 17:29
Client ID: AN-SS-10-070928 MS
Sample Info: LR71EMS
Volume Injected (uL): 1.0
Column phase: ZB-5

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



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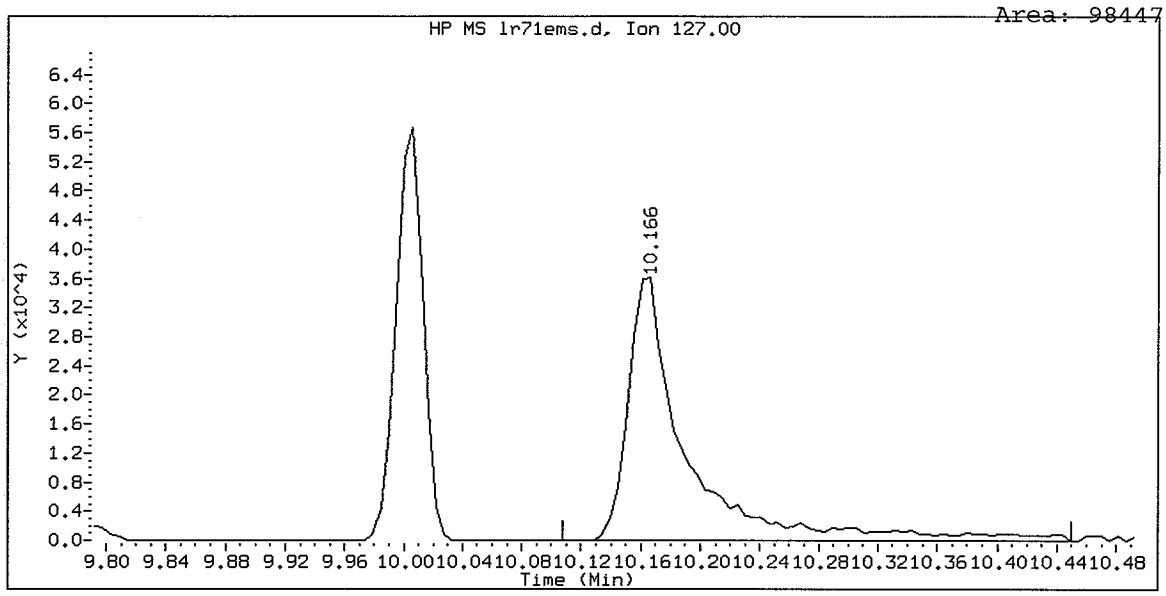
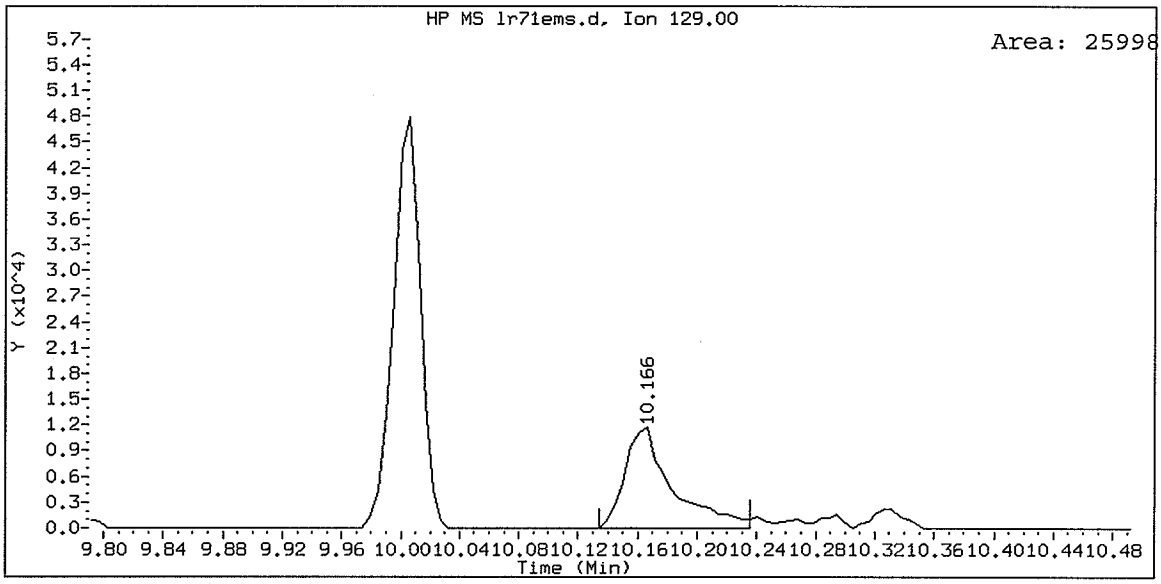
4-Chloroaniline Amount: 6.92





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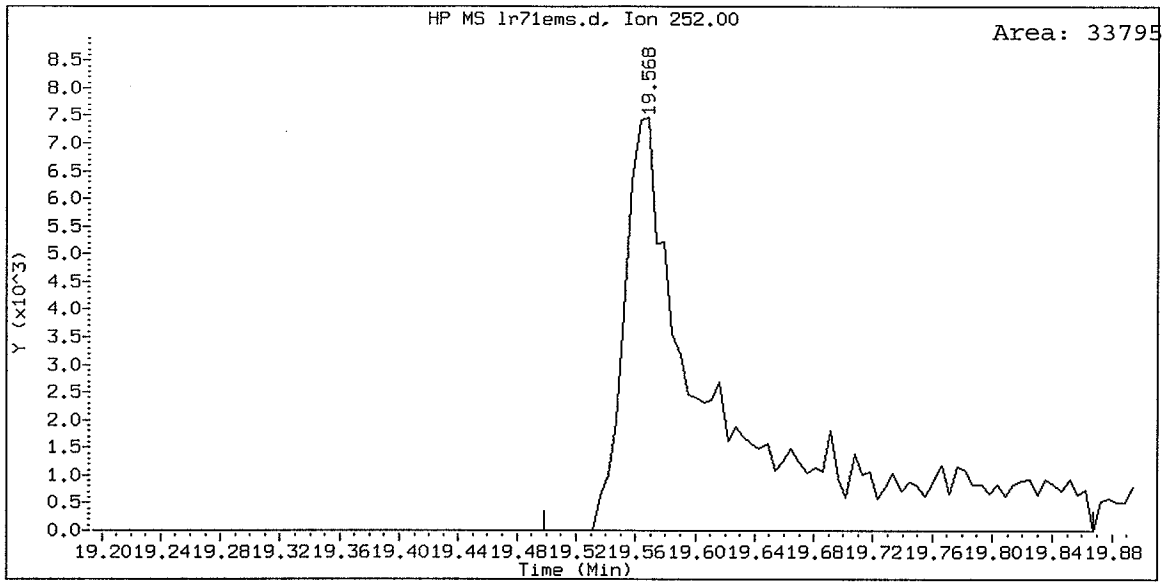
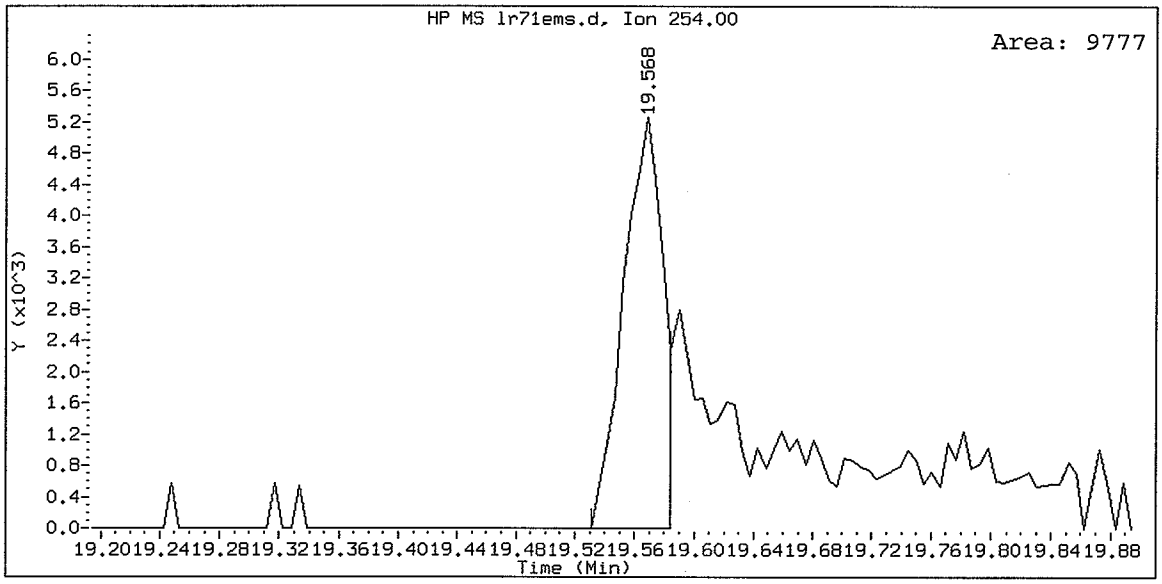
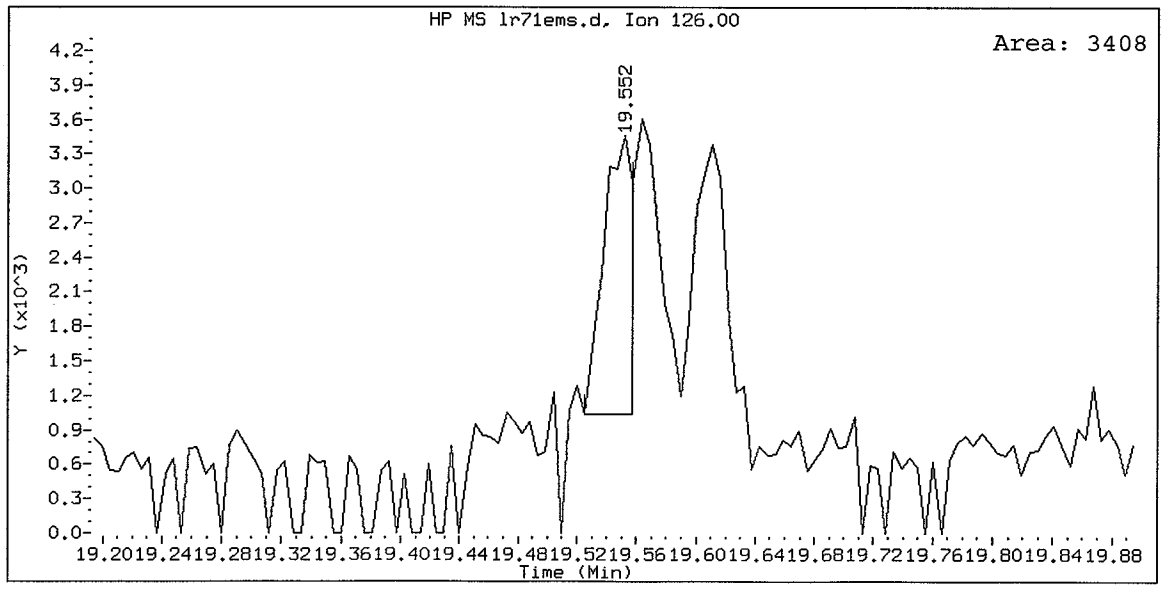
3,3'-Dichlorobenzidine Amount: 1.65







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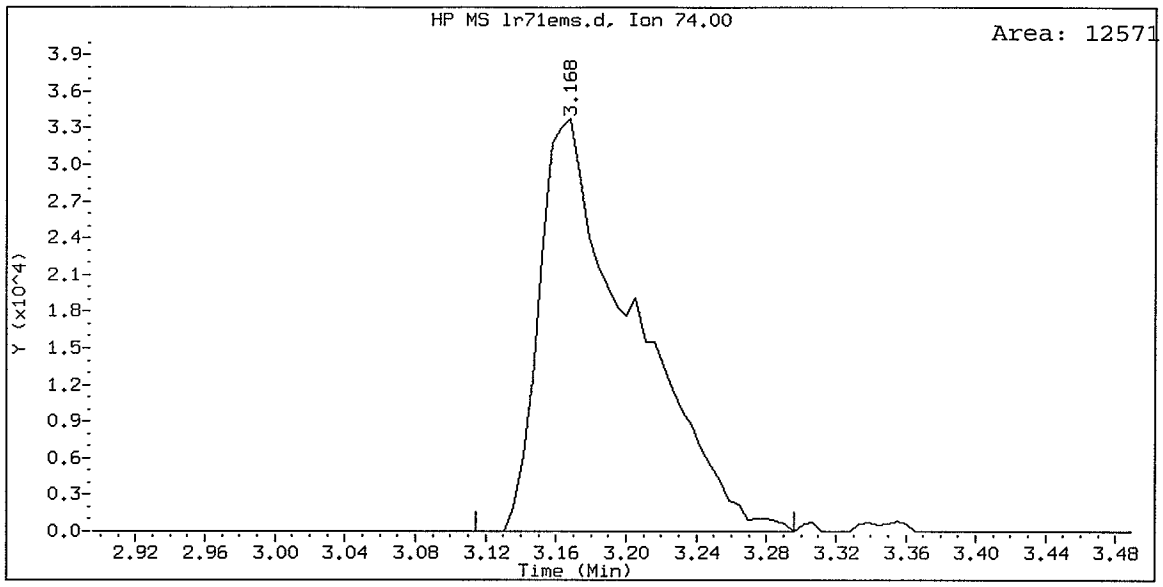
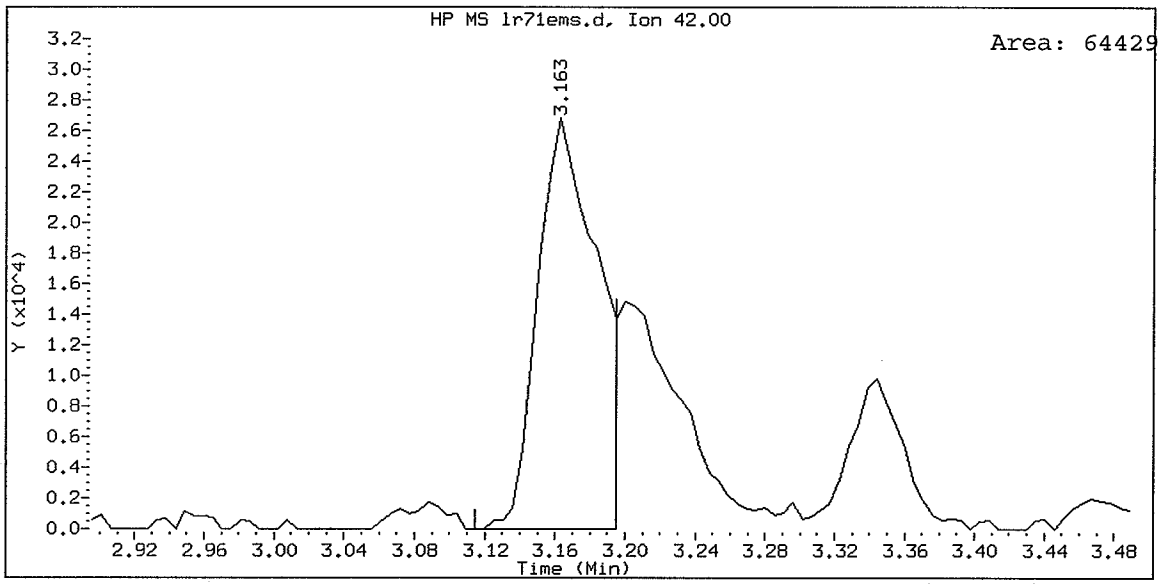
N-Nitrosodimethylamine Amount: 12.21





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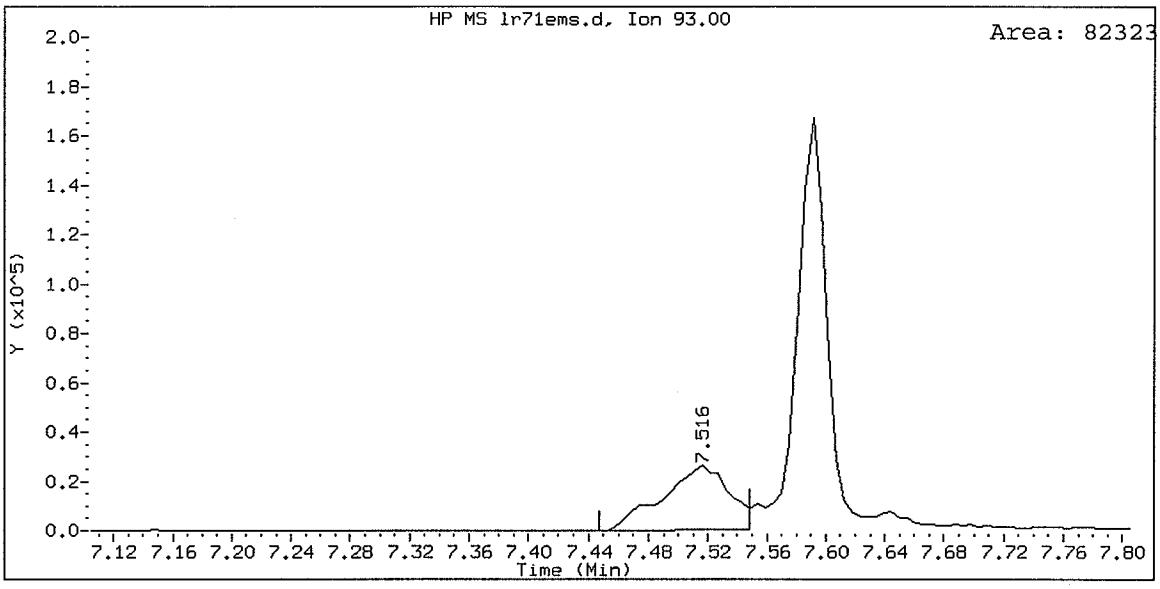
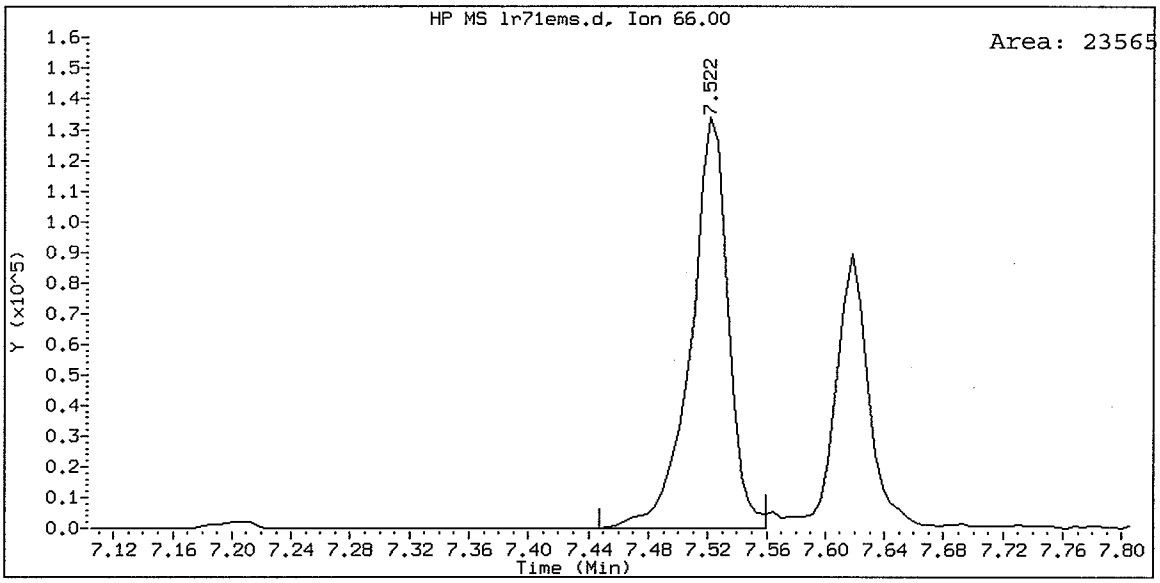
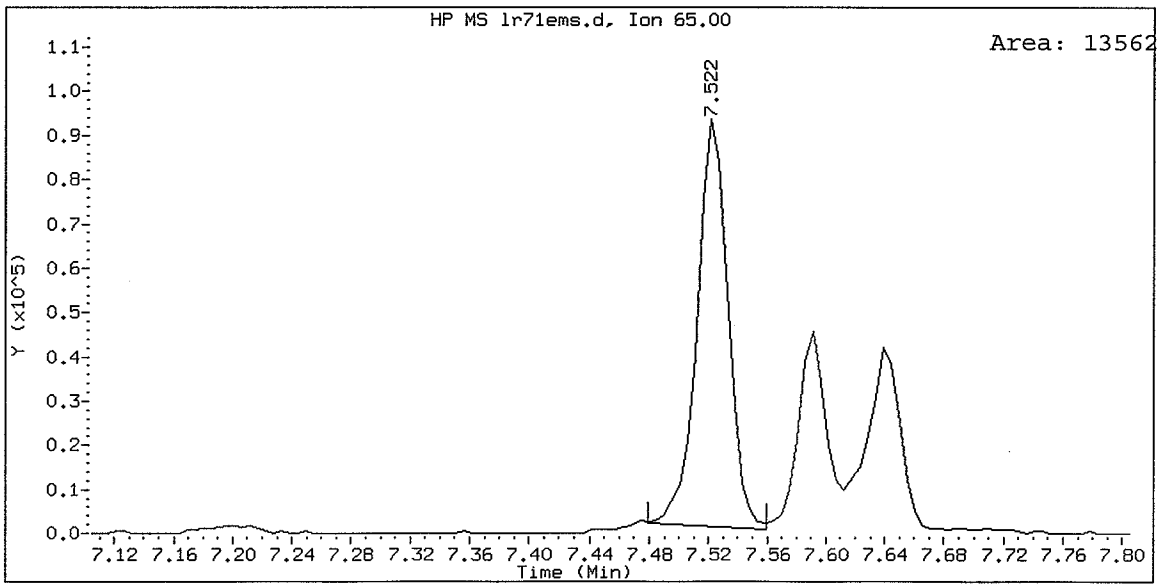
Aniline Amount: 3.42







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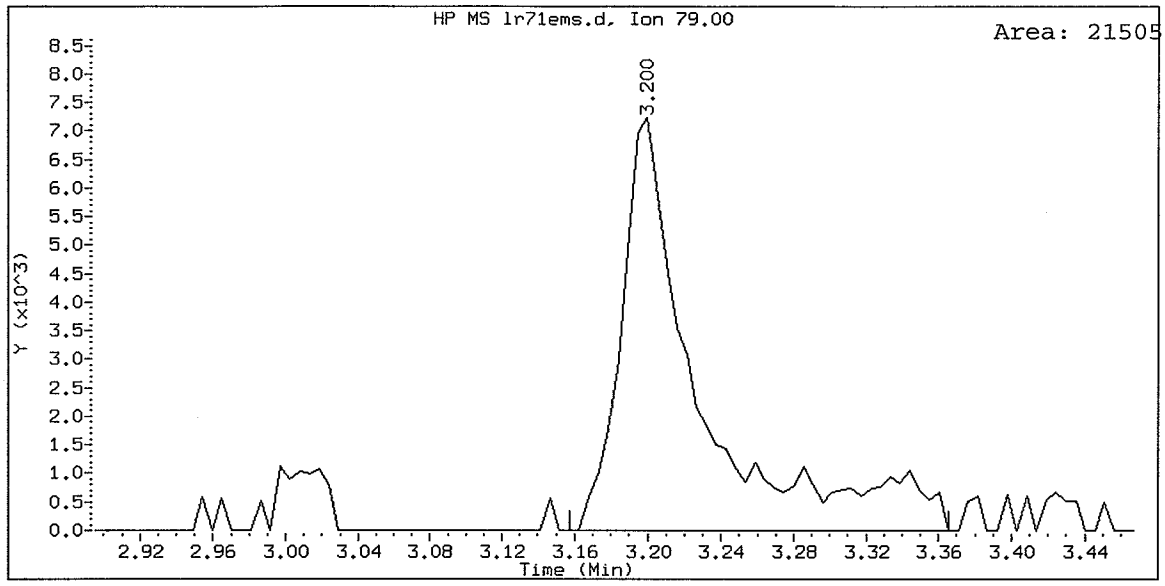
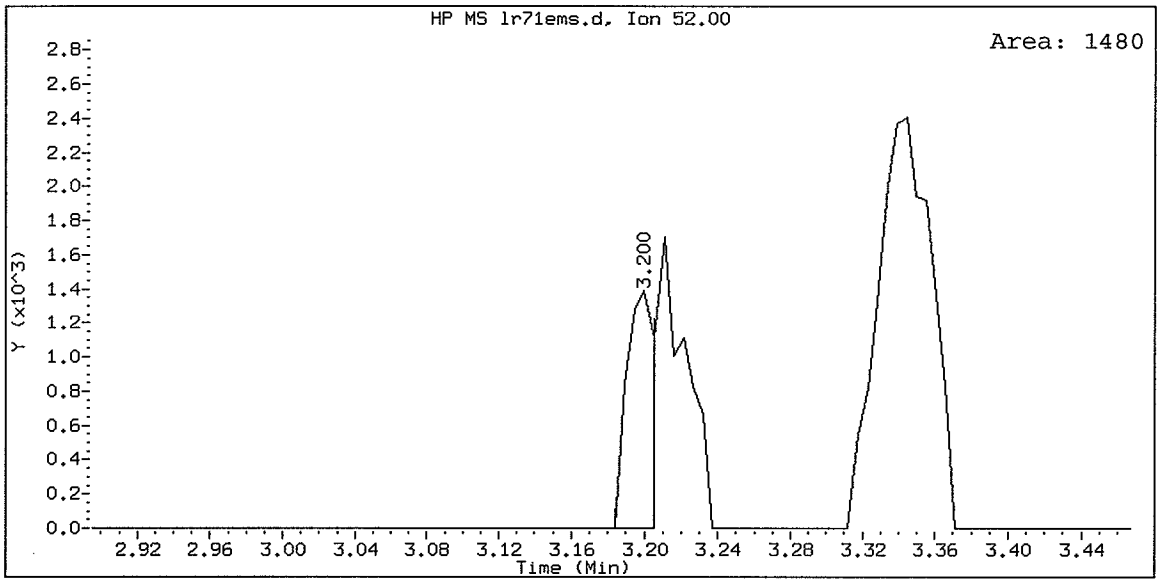
Pyridine Amount: 1.41





ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-10-070928
MATRIX SPIKE DUPLICATE

Lab Sample ID: LR71E
LIMS ID: 07-20770
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 18:03
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.7%

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	---
67-72-1	Hexachloroethane	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	99	---
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	---

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-10-070928
MATRIX SPIKE DUPLICATE

Lab Sample ID: LR71E
LIMS ID: 07-20770
Matrix: Sediment
Date Analyzed: 10/18/07 18:03

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	52.8%	2-Fluorobiphenyl	52.4%
d14-p-Terphenyl	64.8%	d4-1,2-Dichlorobenzene	50.4%
d5-Phenol	55.7%	2-Fluorophenol	61.9%
2,4,6-Tribromophenol	63.5%	d4-2-Chlorophenol	54.9%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071018.b/lr71emd.d
Lab Smp Id: LR71EMSD Client Smp ID: AN-SS-10-070928 MSD
Inj Date : 18-OCT-2007 18:03
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : LR71EMSD
Misc Info : 07-20770
Comment : 1ul Injection
Method : /chem1/nt6.i/20071018.b/SW846.m
Meth Date : 25-Oct-2007 15:31 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 14 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 10/25/07

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	65.00000	Weight of sample extracted (g)
M	22.70000	% 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	5.968	5.917	(0.754)	329953	23.1713	461.2
$ 2	Phenol-d5	99	7.502	7.488	(0.948)	379711	20.8742	415.4
3	Phenol	94	7.523	7.504	(0.951)	322807	14.3192	285.0
$ 5	2-Chlorophenol-d4	132	7.614	7.600	(0.962)	249172	20.5667	409.3
4	Bis(2-Chloroethyl)ether	93	7.587	7.579	(0.959)	210425	13.8119	274.9
6	2-Chlorophenol	128	7.640	7.627	(0.966)	187922	13.8563	275.8
7	1,3-Dichlorobenzene	146	7.849	7.840	(0.992)	187147	12.4187	247.2
* 8	1,4-Dichlorobenzene-d4	152	7.913	7.904	(1.000)	193234	20.0000	
9	1,4-Dichlorobenzene	146	7.940	7.931	(1.003)	189311	12.1817	242.4
$ 10	1,2-Dichlorobenzene-d4	152	8.212	8.204	(1.038)	114776	12.6334	251.4
12	1,2-Dichlorobenzene	146	8.233	8.225	(1.040)	178405	12.2067	242.9
11	Benzyl alcohol	108	8.207	8.198	(1.037)	270873	30.7299	611.6
14	2,2'-oxybis(1-Chloropropane)	45	8.469	8.465	(1.070)	190767	13.5689	270.1
13	2-Methylphenol	108	8.452	8.439	(1.068)	185341	14.3055	284.7
17	Hexachloroethane	117	8.725	8.716	(1.103)	79651	11.6034	230.9

	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	8.688	8.679	(1.098)	180664	13.2970	264.6
	15 4-Methylphenol	108	8.693	8.674	(1.099)	414125	30.5180	607.4
$	18 Nitrobenzene-d5	82	8.848	8.845	(0.887)	256266	13.1575	261.9
	19 Nitrobenzene	77	8.880	8.871	(0.891)	263467	12.6036	250.8
	20 Isophorone	82	9.270	9.261	(0.930)	451325	14.6625	291.8
	21 2-Nitrophenol	139	9.398	9.395	(0.943)	90711	12.9755	258.2
	22 2,4-Dimethylphenol	107	9.526	9.518	(0.956)	202202	12.6585	251.9
	23 Bis(2-Chloroethoxy)methane	93	9.670	9.662	(0.970)	234611	13.7510	273.7
	24 Benzoic acid	105	9.708	9.785	(0.974)	169518	15.5487	309.5 (R)
	25 2,4-Dichlorophenol	162	9.788	9.780	(0.982)	140079	13.2306	263.3
	26 1,2,4-Trichlorobenzene	180	9.916	9.908	(0.995)	159263	12.3390	245.6
*	27 Naphthalene-d8	136	9.970	9.961	(1.000)	606199	20.0000	
	28 Naphthalene	128	10.002	9.999	(1.003)	488078	13.0619	260.0
	29 4-Chloroaniline	127	10.167	10.143	(1.020)	70886	4.90395	97.60 (RM)
	30 Hexachlorobutadiene	225	10.328	10.319	(1.036)	103228	11.9908	238.6
	31 4-Chloro-3-methylphenol	107	10.985	10.971	(1.102)	178217	14.4096	286.8
	32 2-Methylnaphthalene	141	11.129	11.126	(1.116)	264874	14.1076	280.8
	33 Hexachlorocyclopentadiene	237	11.519	11.510	(0.896)	73489	9.11886	181.5 (R)
	34 2,4,6-Trichlorophenol	196	11.658	11.644	(0.907)	109658	12.2417	243.6
	35 2,4,5-Trichlorophenol	196	11.717	11.703	(0.911)	116660	13.4458	267.6
$	36 2-Fluorobiphenyl	172	11.786	11.777	(0.917)	368875	13.0571	259.9
	37 2-Chloronaphthalene	162	11.914	11.906	(0.927)	299283	12.3303	245.4 (R)
	38 2-Nitroaniline	65	12.155	12.141	(0.946)	144025	13.2489	263.7
	39 Dimethylphthalate	163	12.534	12.525	(0.975)	359813	14.6499	291.6
	40 Acenaphthylene	152	12.598	12.584	(0.980)	478171	12.8518	255.8
	41 2,6-Dinitrotoluene	165	12.625	12.616	(0.982)	78014	12.7700	254.2
*	42 Acenaphthene-d10	164	12.854	12.841	(1.000)	362845	20.0000	
	43 3-Nitroaniline	138	12.838	12.825	(0.999)	75981	13.0243	259.2 (R)
	44 Acenaphthene	153	12.902	12.894	(1.004)	308006	13.1162	261.0
	45 2,4-Dinitrophenol	184	13.004	12.995	(1.012)	155993	34.4734	686.1
	46 Dibenzofuran	168	13.164	13.156	(1.024)	468404	14.2376	283.4
	47 4-Nitrophenol	109	13.159	13.145	(1.024)	79481	14.9042	296.6
	48 2,4-Dinitrotoluene	165	13.255	13.241	(1.031)	101812	13.7012	272.7
	50 Diethylphthalate	149	13.698	13.695	(1.066)	373895	15.0591	299.7
	49 Fluorene	166	13.725	13.711	(1.068)	359007	13.8157	275.0
	51 4-Chlorophenyl-phenylether	204	13.757	13.743	(1.070)	193930	13.3928	266.6
	52 4-Nitroaniline	138	13.837	13.823	(1.076)	34210	6.55203	130.4 (R)
	53 4,6-Dinitro-2-methylphenol	198	13.912	13.904	(0.913)	208793	33.2975	662.7
	54 N-Nitrosodiphenylamine	169	13.960	13.952	(0.916)	234183	14.8369	295.3
$	55 2,4,6-Tribromophenol	330	14.153	14.139	(1.101)	83837	23.8149	474.0
	56 4-Bromophenyl-phenylether	248	14.537	14.529	(0.954)	108167	12.6230	251.2
	57 Hexachlorobenzene	284	14.756	14.742	(0.968)	111929	12.8384	255.5
	58 Pentachlorophenol	266	15.055	15.047	(0.988)	52412	9.58108	190.7 (R)
*	59 Phenanthrene-d10	188	15.237	15.223	(1.000)	619131	20.0000	
	60 Phenanthrene	178	15.274	15.261	(1.002)	594904	14.9760	298.1
	61 Anthracene	178	15.344	15.335	(1.007)	467095	11.7433	233.7 (R)
	62 Carbazole	167	15.638	15.624	(1.026)	508375	14.3686	286.0

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	16.370	16.350	(1.074)	659199	15.9789	318.0
64	Fluoranthene	202	17.219	17.205	(1.130)	880576	19.3844	385.8
65	Pyrene	202	17.577	17.563	(0.898)	873090	17.8057	354.4
$ 66	Terphenyl-d14	244	17.897	17.884	(0.915)	498156	16.2309	323.0
67	Butylbenzylphthalate	149	18.790	18.776	(0.960)	325881	15.1145	300.8
68	Benzo(a)anthracene	228	19.548	19.529	(0.999)	719606	13.4523	267.7
* 69	Chrysene-d12	240	19.569	19.556	(1.000)	682731	20.0000	
70	3,3'-Dichlorobenzidine	252	19.564	19.545	(1.000)	20816	0.95080	18.92 (RM)
71	Chrysene	228	19.612	19.598	(1.002)	708225	14.7328	293.2
72	bis(2-Ethylhexyl)phthalate	149	19.799	19.785	(0.955)	501584	16.4983	328.4
* 134	Di-n-octylphthalate-d4	153	20.734	20.720	(1.000)	1005443	20.0000	
73	Di-n-octylphthalate	149	20.739	20.731	(1.000)	863128	14.8828	296.2
74	Benzo(b)fluoranthene	252	21.209	21.190	(0.976)	703252	17.4537	347.4
75	Benzo(k)fluoranthene	252	21.236	21.228	(0.977)	747996	17.5492	349.3
76	Benzo(a)pyrene	252	21.653	21.639	(0.996)	551869	14.9204	297.0
* 77	Perylene-d12	264	21.733	21.719	(1.000)	561100	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	23.223	23.215	(1.069)	364566	8.31091	165.4 (R)
79	Dibenzo(a,h)anthracene	278	23.250	23.236	(1.070)	335719	9.10924	181.3
80	Benzo(g,h,i)perylene	276	23.629	23.616	(1.087)	210090	4.78937	95.32 (R)
90	N-Nitrosodimethylamine	74	3.164	3.139	(0.400)	129981	11.7492	233.8
91	Aniline	93	7.523	7.456	(0.951)	64024	2.47411	49.24
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	3.201	3.118	(0.405)	15774	0.96322	19.17 (M)
105	1-methylnaphthalene	141	11.305	11.297	(1.134)	266311	14.2235	283.1
111	Azobenzene (1,2-DP-Hydrazine)	77	14.008	14.000	(1.090)	480954	13.3072	264.8

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: lr71emd.d
Lab Smp Id: LR71EMSD
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20770

Calibration Date: 18-OCT-2007
Calibration Time: 10:07
Client Smp ID: AN-SS-10-070928
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	193234	-8.88
27 Naphthalene-d8	656578	328289	1313156	606199	-7.67
42 Acenaphthene-d10	353705	176852	707410	362845	2.58
59 Phenanthrene-d10	526440	263220	1052880	619131	17.61
69 Chrysene-d12	581923	290962	1163846	682731	17.32
134 Di-n-octylphthala	979097	489548	1958194	1005443	2.69
77 Perylene-d12	686531	343266	1373062	561100	-18.27

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.90	7.40	8.40	7.91	0.11
27 Naphthalene-d8	9.96	9.46	10.46	9.97	0.09
42 Acenaphthene-d10	12.84	12.34	13.34	12.85	0.11
59 Phenanthrene-d10	15.22	14.72	15.72	15.24	0.09
69 Chrysene-d12	19.56	19.06	20.06	19.57	0.07
134 Di-n-octylphthala	20.72	20.22	21.22	20.73	0.07
77 Perylene-d12	21.72	21.22	22.22	21.73	0.06

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: LR71EMSD
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20770

Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-10-070928 MSD
Operator: LJR/VTS
SampleType: MSD
Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3 Phenol	497.6	285.0	57.28	45-89
4 Bis(2-Chloroethyl)	497.6	274.9	55.25	42-82
6 2-Chlorophenol	497.6	275.8	55.43	46-80
7 1,3-Dichlorobenzen	497.6	247.2	49.67	45-76
9 1,4-Dichlorobenzen	497.6	242.4	48.73	45-76
11 Benzyl alcohol	995.1	611.6	61.46	36-79
12 1,2-Dichlorobenzen	497.6	242.9	48.83	44-78
13 2-Methylphenol	497.6	284.7	57.22	47-82
14 2,2'-oxybis(1-Chlo	497.6	270.1	54.28	36-96
15 4-Methylphenol	995.1	607.4	61.04	47-86
16 N-Nitroso-di-n-pro	497.6	264.6	53.19	42-84
17 Hexachloroethane	497.6	230.9	46.41	40-77
19 Nitrobenzene	497.6	250.8	50.41	35-94
20 Isophorone	497.6	291.8	58.65	50-86
21 2-Nitrophenol	497.6	258.2	51.90	46-84
22 2,4-Dimethylphenol	497.6	251.9	50.63	30-76
23 Bis(2-Chloroethoxy	497.6	273.7	55.00	48-81
24 Benzoic acid	1493	309.5	20.73*	39-103
25 2,4-Dichlorophenol	497.6	263.3	52.92	50-85
26 1,2,4-Trichloroben	497.6	245.6	49.36	45-81
28 Naphthalene	497.6	260.0	52.25	46-80
29 4-Chloroaniline	1194	97.60	8.17*	15-79
30 Hexachlorobutadien	497.6	238.6	47.96	44-79
31 4-Chloro-3-methylp	497.6	286.8	57.64	50-89
32 2-Methylnaphthalen	497.6	280.8	56.43	49-81
33 Hexachlorocyclopen	1493	181.5	12.16*	17-98
34 2,4,6-Trichlorophe	497.6	243.6	48.97	48-89
35 2,4,5-Trichlorophe	497.6	267.6	53.78	47-91
37 2-Chloronaphthalen	497.6	245.4	49.32*	50-83
38 2-Nitroaniline	497.6	263.7	53.00	45-96
39 Dimethylphthalate	497.6	291.6	58.60	53-87
40 Acenaphthylene	497.6	255.8	51.41	51-84
41 2,6-Dinitrotoluene	497.6	254.2	51.08	49-95

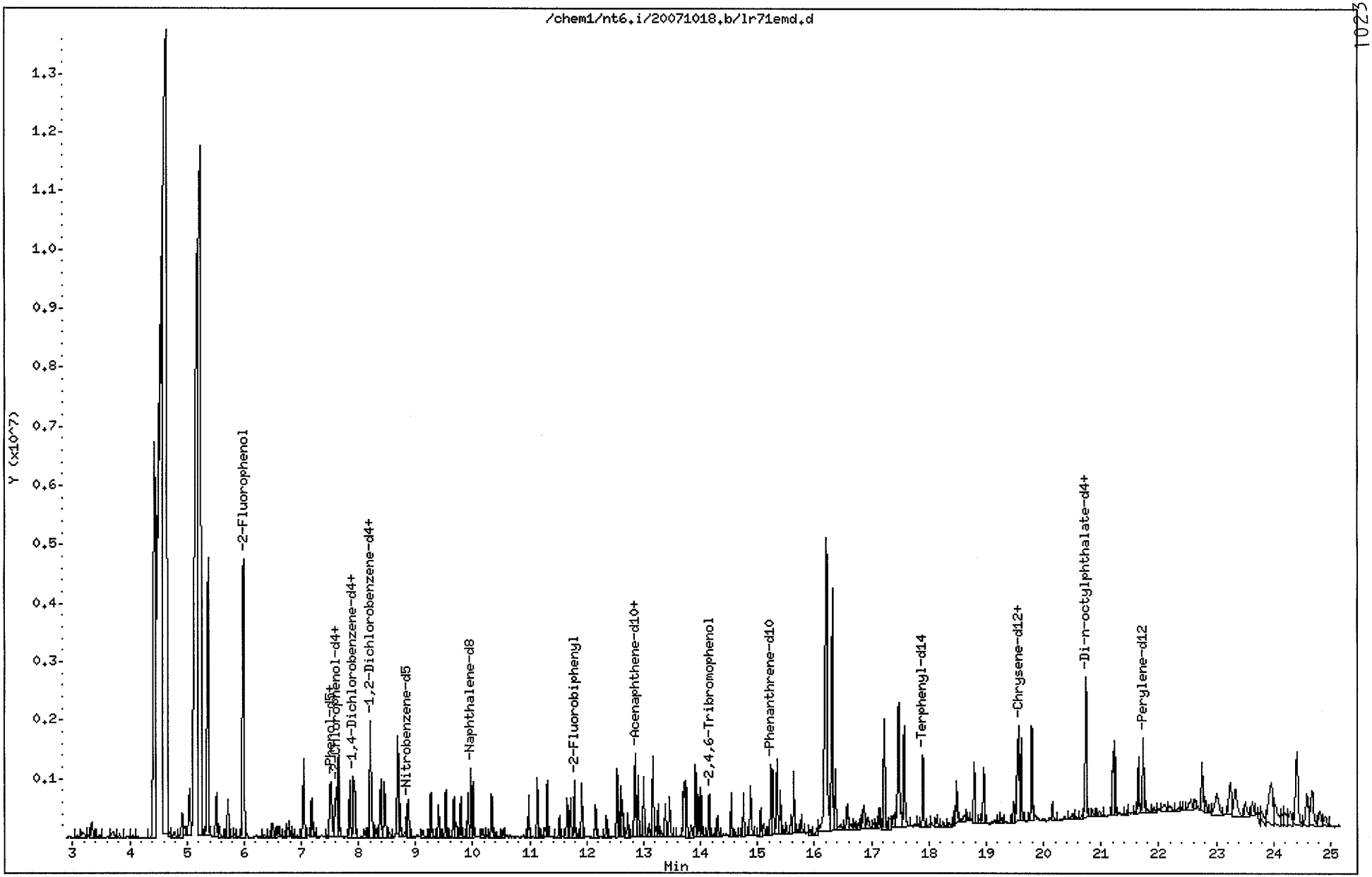
SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
43 3-Nitroaniline	1274	259.2	20.35*	36-92
44 Acenaphthene	497.6	261.0	52.46	51-83
45 2,4-Dinitrophenol	1493	686.1	45.96	10-191
46 Dibenzofuran	497.6	283.4	56.95	50-86
47 4-Nitrophenol	497.6	296.6	59.62	44-98
48 2,4-Dinitrotoluene	497.6	272.7	54.80	50-98
49 Fluorene	497.6	275.0	55.26	52-86
50 Diethylphthalate	497.6	299.7	60.24	55-89
51 4-Chlorophenyl-phe	497.6	266.6	53.57	51-85
52 4-Nitroaniline	497.6	130.4	26.21*	30-87
53 4,6-Dinitro-2-meth	1493	662.7	44.40	10-136
54 N-Nitrosodiphenyla	497.6	295.3	59.35	28-158
56 4-Bromophenyl-phen	497.6	251.2	50.49	50-90
57 Hexachlorobenzene	497.6	255.5	51.35	49-91
58 Pentachlorophenol	497.6	190.7	38.32*	40-100
60 Phenanthrene	497.6	298.1	59.90	51-91
61 Anthracene	497.6	233.7	46.97*	51-86
62 Carbazole	497.6	286.0	57.47	51-89
63 Di-n-butylphthalat	497.6	318.0	63.92	58-95
64 Fluoranthene	497.6	385.8	77.54	54-94
65 Pyrene	497.6	354.4	71.22	46-100
67 Butylbenzylphthala	497.6	300.8	60.46	51-99
68 Benzo(a)anthracene	497.6	267.7	53.81	52-90
70 3,3'-Dichlorobenzi	1274	18.92	1.49*	10-86
71 Chrysene	497.6	293.2	58.93	51-93
72 bis(2-Ethylhexyl)p	497.6	328.4	65.99	36-111
73 Di-n-octylphthalat	497.6	296.2	59.53	29-108
74 Benzo(b)fluoranthe	497.6	347.4	69.81	54-102
75 Benzo(k)fluoranthe	497.6	349.3	70.20	45-107
76 Benzo(a)pyrene	497.6	297.0	59.68	52-95
78 Indeno(1,2,3-cd)py	497.6	165.4	33.24*	34-105
79 Dibenzo(a,h)anthra	497.6	181.3	36.44	36-112
80 Benzo(g,h,i)peryle	497.6	95.32	19.16*	25-116

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	746.3	461.2	61.79	11-84
$ 2 Phenol-d5	746.3	415.4	55.66	25-86
$ 5 2-Chlorophenol-d4	746.3	409.3	54.84	23-91
$ 10 1,2-Dichlorobenzen	497.6	251.4	50.53	24-90
$ 18 Nitrobenzene-d5	497.6	261.9	52.63	26-88
$ 36 2-Fluorobiphenyl	497.6	259.9	52.23	34-91
$ 55 2,4,6-Tribromophen	746.3	474.0	63.51	25-107

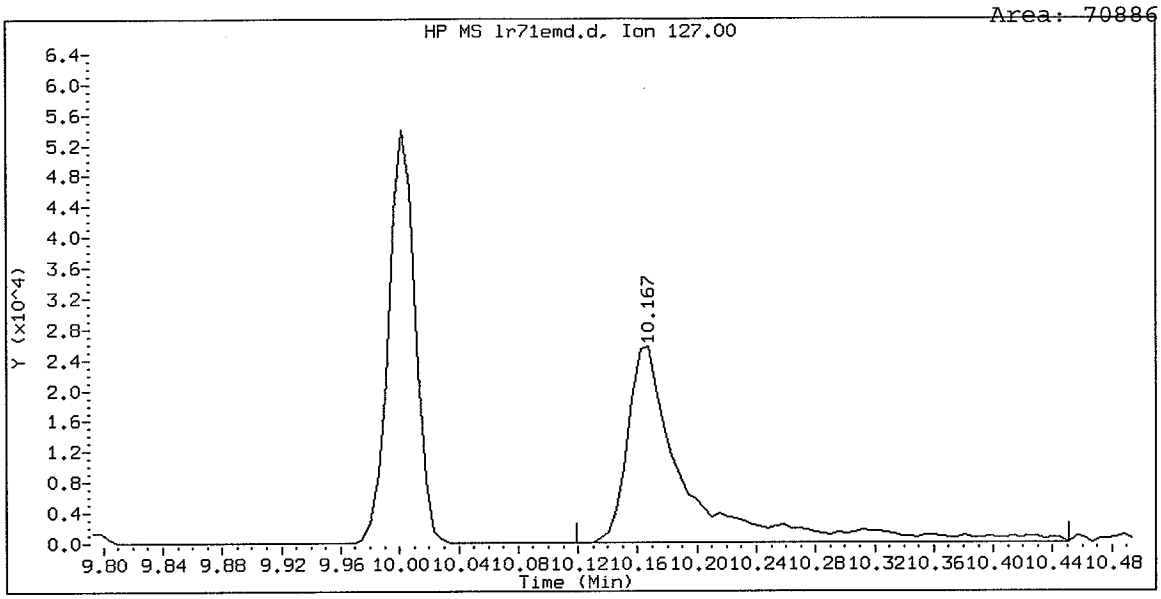
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 66 Terphenyl-d14	497.6	323.0	64.92	22-100

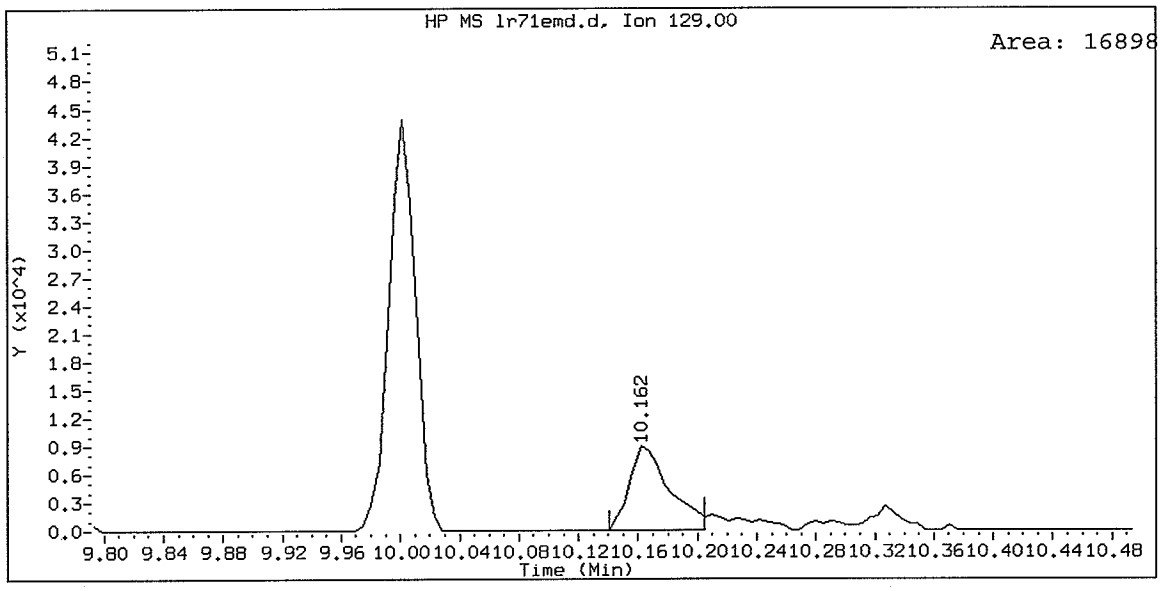
Data File: /chem1/nt6.i/20071018.b/lr71emd.d
Date : 18-OCT-2007 18:03
Client ID: AN-SS-10-070928 MSD
Sample Info: LR71EMSD
Volume Injected (uL): 1.0
Column phase: ZB-5

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



LR71EMSD, /chem1/nt6.i/20071018.b/lr71emd.d
4-Chloroaniline Amount: 4.90





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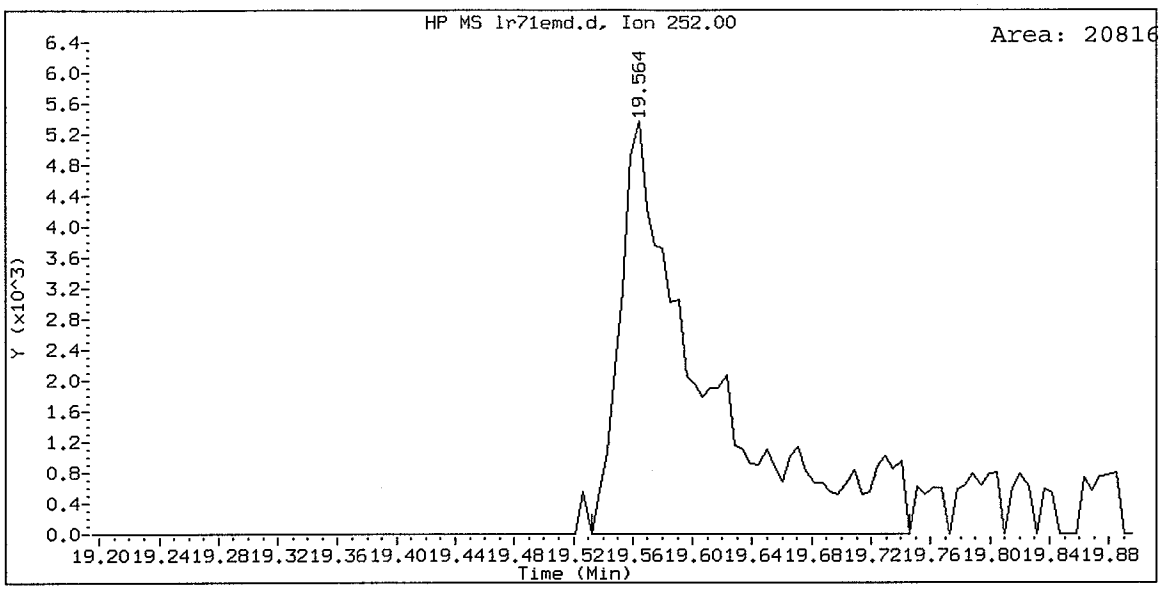
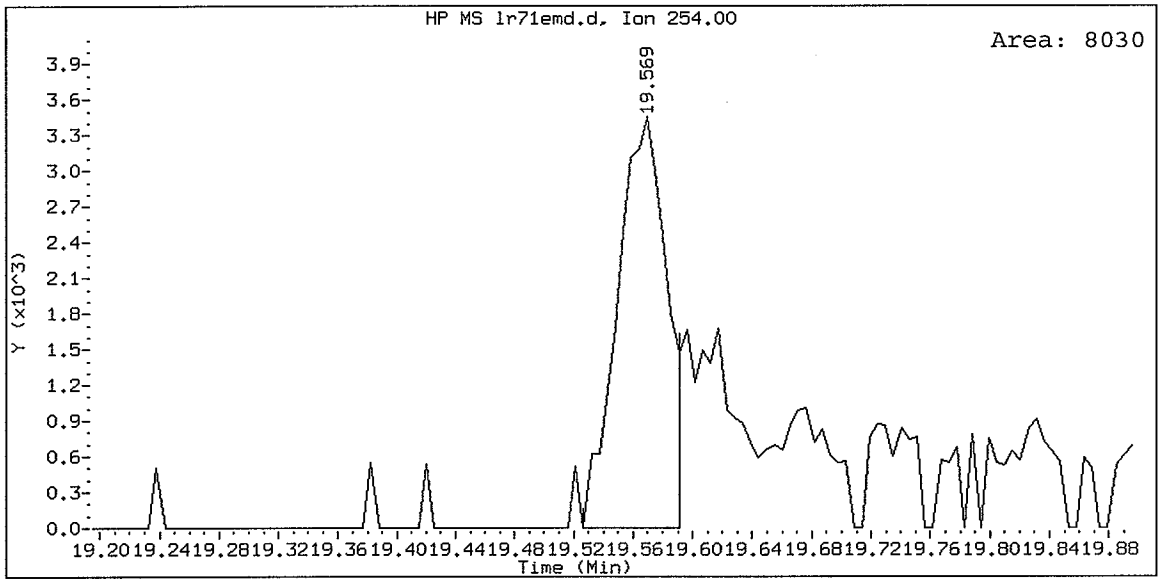
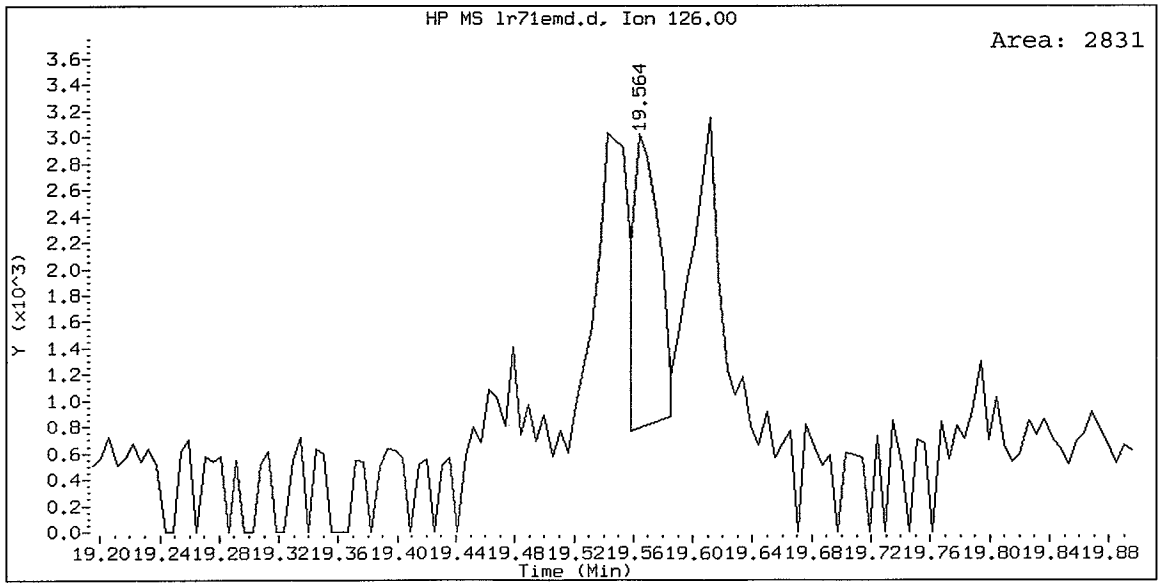
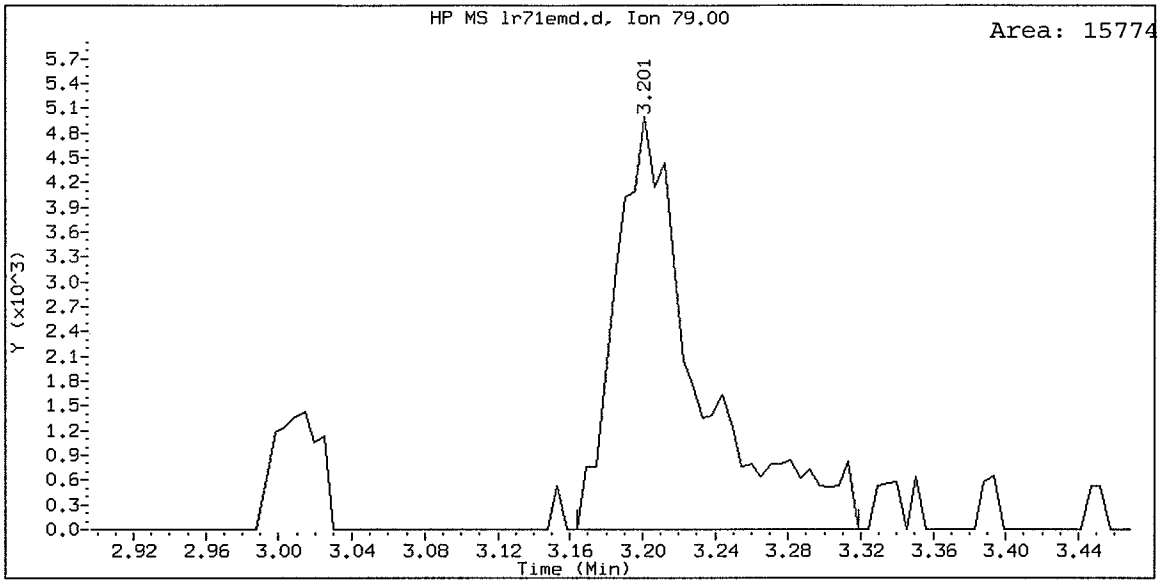
3,3'-Dichlorobenzidine Amount: 0.95

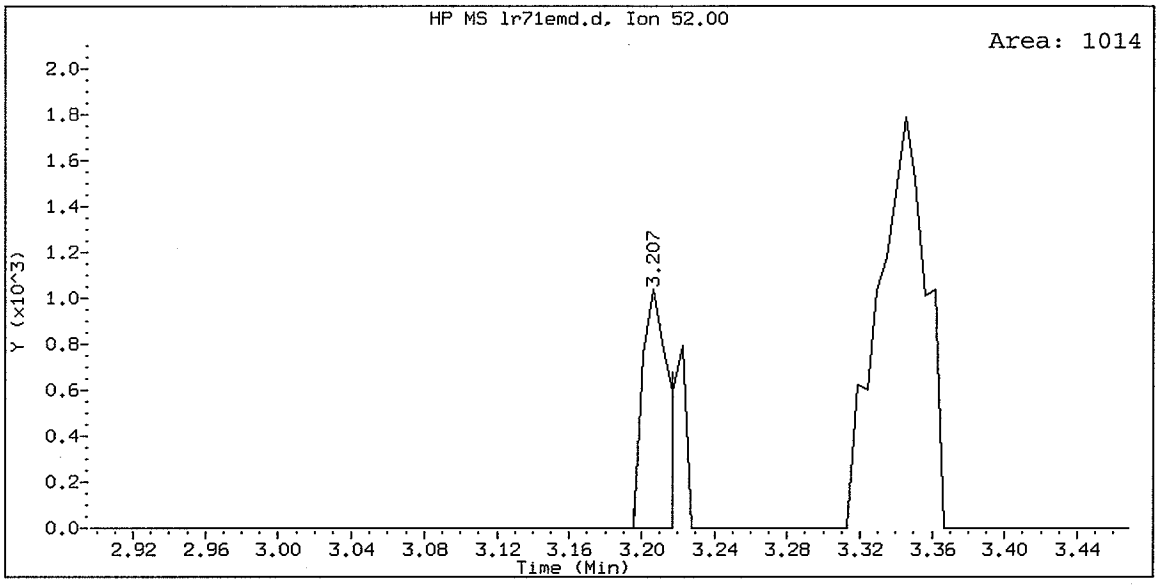






LR71EMSD, /chem1/nt6.i/20071018.b/lr71emd.d
Pyridine Amount: 0.96





Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071018.b/lr71sb.d
Lab Smp Id: LR71LCSS1 Client Smp ID: LR71LCSS1
Inj Date : 18-OCT-2007 11:15
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : LR71LCSS1
Misc Info : 07-20770
Comment : 1ul Injection
Method : /chem1/nt6.i/20071018.b/SW846.m
Meth Date : 25-Oct-2007 15:31 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDAMBLCS.sub
Target Version: 3.50

LJR 10/25/07

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	50.00000	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	5.959	5.917	(0.753)	312085	20.7049	414.1
$ 2	Phenol-d5	99	7.487	7.488	(0.947)	351135	18.2362	364.7
3	Phenol	94	7.508	7.504	(0.949)	276542	11.5888	231.8
$ 5	2-Chlorophenol-d4	132	7.604	7.600	(0.961)	221101	17.2409	344.8
4	Bis(2-Chloroethyl)ether	93	7.583	7.579	(0.959)	182400	11.3106	226.2
6	2-Chlorophenol	128	7.631	7.627	(0.965)	162794	11.3400	226.8 (R)
7	1,3-Dichlorobenzene	146	7.845	7.840	(0.992)	163973	10.2794	205.6 (R)
* 8	1,4-Dichlorobenzene-d4	152	7.909	7.904	(1.000)	204541	20.0000	
9	1,4-Dichlorobenzene	146	7.930	7.931	(1.003)	167548	10.1853	203.7 (R)
$ 10	1,2-Dichlorobenzene-d4	152	8.208	8.204	(1.038)	92153	9.58255	191.7
12	1,2-Dichlorobenzene	146	8.229	8.225	(1.041)	163049	10.5394	210.8 (R)
11	Benzyl alcohol	108	8.197	8.198	(1.036)	220463	23.6284	472.6
14	2,2'-oxybis(1-Chloropropane)	45	8.464	8.465	(1.070)	176063	11.8307	236.6
13	2-Methylphenol	108	8.443	8.439	(1.068)	168453	12.2832	245.7
17	Hexachloroethane	117	8.726	8.716	(1.103)	72384	9.96183	199.2 (R)

	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	8.678	8.679	(1.097)	140314	9.75636	195.1 (R)
15	4-Methylphenol	108	8.683	8.674	(1.098)	369161	25.7006	514.0
$ 18	Nitrobenzene-d5	82	8.844	8.845	(0.887)	225222	10.5594	211.2
19	Nitrobenzene	77	8.876	8.871	(0.890)	241597	10.5538	211.1
20	Isophorone	82	9.260	9.261	(0.929)	417176	12.3761	247.5 (R)
21	2-Nitrophenol	139	9.399	9.395	(0.943)	83737	10.9378	218.8 (R)
22	2,4-Dimethylphenol	107	9.522	9.518	(0.955)	119435	6.82770	136.6 (R)
23	Bis(2-Chloroethoxy)methane	93	9.666	9.662	(0.969)	215613	11.5400	230.8 (R)
24	Benzoic acid	105	9.768	9.785	(0.980)	494444	41.4133	828.3
25	2,4-Dichlorophenol	162	9.784	9.780	(0.981)	132910	11.4633	229.3 (R)
26	1,2,4-Trichlorobenzene	180	9.917	9.908	(0.995)	141143	9.98546	199.7 (R)
* 27	Naphthalene-d8	136	9.971	9.961	(1.000)	663850	20.0000	
28	Naphthalene	128	9.997	9.999	(1.003)	434856	10.6269	212.5 (R)
29	4-Chloroaniline	127	10.147	10.143	(1.018)	218530	13.8052	276.1
30	Hexachlorobutadiene	225	10.329	10.319	(1.036)	91726	9.72942	194.6 (R)
31	4-Chloro-3-methylphenol	107	10.980	10.971	(1.101)	175112	12.9289	258.6
32	2-Methylnaphthalene	141	11.130	11.126	(1.116)	240680	11.7057	234.1 (R)
33	Hexachlorocyclopentadiene	237	11.520	11.510	(0.896)	170100	19.0693	381.4
34	2,4,6-Trichlorophenol	196	11.654	11.644	(0.907)	105061	10.5963	211.9 (R)
35	2,4,5-Trichlorophenol	196	11.712	11.703	(0.911)	114069	11.8780	237.6
$ 36	2-Fluorobiphenyl	172	11.782	11.777	(0.917)	308132	9.85408	197.1 (R)
37	2-Chloronaphthalene	162	11.915	11.906	(0.927)	273444	10.1782	203.6 (R)
38	2-Nitroaniline	65	12.150	12.141	(0.946)	142715	11.8611	237.2
39	Dimethylphthalate	163	12.535	12.525	(0.975)	351822	12.9418	258.8 (R)
40	Acenaphthylene	152	12.594	12.584	(0.980)	447124	10.8572	217.1 (R)
41	2,6-Dinitrotoluene	165	12.626	12.616	(0.983)	76532	11.3181	226.4 (R)
* 42	Acenaphthene-d10	164	12.850	12.841	(1.000)	401615	20.0000	
43	3-Nitroaniline	138	12.834	12.825	(0.999)	188924	29.2582	585.2
44	Acenaphthene	153	12.904	12.894	(1.004)	285374	10.9793	219.6 (R)
45	2,4-Dinitrophenol	184	13.000	12.995	(1.012)	222251	44.3746	887.5
46	Dibenzofuran	168	13.165	13.156	(1.025)	439414	12.0671	241.3 (R)
47	4-Nitrophenol	109	13.149	13.145	(1.023)	78063	13.2251	264.5
48	2,4-Dinitrotoluene	165	13.256	13.241	(1.032)	103508	12.5847	251.7
50	Diethylphthalate	149	13.700	13.695	(1.066)	369690	13.4524	269.0 (R)
49	Fluorene	166	13.721	13.711	(1.068)	335977	11.6813	233.6 (R)
51	4-Chlorophenyl-phenylether	204	13.753	13.743	(1.070)	183316	11.4377	228.8 (R)
52	4-Nitroaniline	138	13.833	13.823	(1.076)	54784	9.47955	189.6
53	4,6-Dinitro-2-methylphenol	198	13.913	13.904	(0.913)	261084	39.5304	790.6
54	N-Nitrosodiphenylamine	169	13.961	13.952	(0.917)	223327	13.4333	268.7
$ 55	2,4,6-Tribromophenol	330	14.148	14.139	(1.101)	79772	20.4726	409.5
56	4-Bromophenyl-phenylether	248	14.538	14.529	(0.954)	103489	11.4661	229.3 (R)
57	Hexachlorobenzene	284	14.757	14.742	(0.969)	101897	11.0965	221.9 (R)
58	Pentachlorophenol	266	15.056	15.047	(0.988)	68688	11.9212	238.4
* 59	Phenanthrene-d10	188	15.233	15.223	(1.000)	652120	20.0000	
60	Phenanthrene	178	15.270	15.261	(1.002)	511994	12.2368	244.7 (R)
61	Anthracene	178	15.345	15.335	(1.007)	458550	10.9453	218.9 (R)
62	Carbazole	167	15.633	15.624	(1.026)	473037	12.6935	253.9 (R)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	16.365	16.350	(1.074)	608635	14.0069	280.1(R)
64	Fluoranthene	202	17.215	17.205	(1.130)	625461	13.0719	261.4(R)
65	Pyrene	202	17.573	17.563	(0.898)	622792	13.3203	266.4
$ 66	Terphenyl-d14	244	17.898	17.884	(0.915)	418340	14.2949	285.9
67	Butylbenzylphthalate	149	18.791	18.776	(0.960)	280217	13.6302	272.6
68	Benzo(a)anthracene	228	19.538	19.529	(0.999)	594858	11.6624	233.2(R)
* 69	Chrysene-d12	240	19.565	19.556	(1.000)	650993	20.0000	
70	3,3'-Dichlorobenzidine	252	19.555	19.545	(0.999)	278160	13.3248	266.5
71	Chrysene	228	19.608	19.598	(1.002)	567597	12.3830	247.7(R)
72	bis(2-Ethylhexyl)phthalate	149	19.795	19.785	(0.955)	408852	14.1411	282.8
* 134	Di-n-octylphthalate-d4	153	20.735	20.720	(1.000)	956174	20.0000	
73	Di-n-octylphthalate	149	20.740	20.731	(1.000)	748665	13.5743	271.5
74	Benzo(b)fluoranthene	252	21.200	21.190	(0.976)	589137	14.0509	281.0
75	Benzo(k)fluoranthene	252	21.237	21.228	(0.977)	651030	14.6781	293.6
76	Benzo(a)pyrene	252	21.649	21.639	(0.996)	469780	12.2053	244.1(R)
* 77	Perylene-d12	264	21.729	21.719	(1.000)	583887	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	23.219	23.215	(1.069)	575234	12.6017	252.0
79	Dibenzo(a,h)anthracene	278	23.246	23.236	(1.070)	491835	12.8244	256.5
80	Benzo(g,h,i)perylene	276	23.620	23.616	(1.087)	360899	7.90624	158.1
90	N-Nitrosodimethylamine	74	3.170	3.139	(0.401)	101547	8.67156	173.4
91	Aniline	93	7.460	7.456	(0.943)	244199	8.91502	178.3
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	3.165	3.118	(0.400)	150014	8.65404	173.1
105	1-methylnaphthalene	141	11.301	11.297	(1.133)	241028	11.7552	235.1
111	Azobenzene (1,2-DP-Hydrazine)	77	14.004	14.000	(1.090)	483606	12.0889	241.8

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: lr71sb.d
Lab Smp Id: LR71LCSS1
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20770

Calibration Date: 18-OCT-2007
Calibration Time: 10:07
Client Smp ID: LR71LCSS1
Level: LOW
Sample Type: Solid

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	204541	-3.55
27 Naphthalene-d8	656578	328289	1313156	663850	1.11
42 Acenaphthene-d10	353705	176852	707410	401615	13.55
59 Phenanthrene-d10	526440	263220	1052880	652120	23.87
69 Chrysene-d12	581923	290962	1163846	650993	11.87
134 Di-n-octylphthala	979097	489548	1958194	956174	-2.34
77 Perylene-d12	686531	343266	1373062	583887	-14.95

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.90	7.40	8.40	7.91	0.05
27 Naphthalene-d8	9.96	9.46	10.46	9.97	0.10
42 Acenaphthene-d10	12.84	12.34	13.34	12.85	0.07
59 Phenanthrene-d10	15.22	14.72	15.72	15.23	0.06
69 Chrysene-d12	19.56	19.06	20.06	19.57	0.05
134 Di-n-octylphthala	20.72	20.22	21.22	20.74	0.07
77 Perylene-d12	21.72	21.22	22.22	21.73	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: LR71LCSS1
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDAMBLCS.sub
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20770

Client SDG: LR71
Fraction: SV
Client Smp ID: LR71LCSS1
Operator: LJR/VTS
SampleType: LCS
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	500.0	231.8	46.36	45-89
4	Bis(2-Chloroethyl)	500.0	226.2	45.24	42-82
6	2-Chlorophenol	500.0	226.8	45.36*	46-80
7	1,3-Dichlorobenzen	500.0	205.6	41.12*	45-76
9	1,4-Dichlorobenzen	500.0	203.7	40.74*	45-76
11	Benzyl alcohol	1000	472.6	47.26	36-79
12	1,2-Dichlorobenzen	500.0	210.8	42.16*	44-78
13	2-Methylphenol	500.0	245.7	49.13	47-82
14	2,2'-oxybis(1-Chlo	500.0	236.6	47.32	36-96
15	4-Methylphenol	1000	514.0	51.40	47-86
16	N-Nitroso-di-n-pro	500.0	195.1	39.03*	42-84
17	Hexachloroethane	500.0	199.2	39.85*	40-77
19	Nitrobenzene	500.0	211.1	42.22	35-94
20	Isophorone	500.0	247.5	49.50*	50-86
21	2-Nitrophenol	500.0	218.8	43.75*	46-84
22	2,4-Dimethylphenol	500.0	136.6	27.31*	30-76
23	Bis(2-Chloroethoxy	500.0	230.8	46.16*	48-81
24	Benzoic acid	1500	828.3	55.22	39-103
25	2,4-Dichlorophenol	500.0	229.3	45.85*	50-85
26	1,2,4-Trichloroben	500.0	199.7	39.94*	45-81
28	Naphthalene	500.0	212.5	42.51*	46-80
29	4-Chloroaniline	1200	276.1	23.01	15-79
30	Hexachlorobutadien	500.0	194.6	38.92*	44-79
31	4-Chloro-3-methylp	500.0	258.6	51.72	50-89
32	2-Methylnaphthalen	500.0	234.1	46.82*	49-81
33	Hexachlorocyclopen	1500	381.4	25.43	17-98
34	2,4,6-Trichlorophe	500.0	211.9	42.38*	48-89
35	2,4,5-Trichlorophe	500.0	237.6	47.51	47-91
37	2-Chloronaphthalen	500.0	203.6	40.71*	50-83
38	2-Nitroaniline	500.0	237.2	47.44	45-96
39	Dimethylphthalate	500.0	258.8	51.77*	53-87
40	Acenaphthylene	500.0	217.1	43.43*	51-84
41	2,6-Dinitrotoluene	500.0	226.4	45.27*	49-95

SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
43 3-Nitroaniline	1280	585.2	45.72	36-92
44 Acenaphthene	500.0	219.6	43.92*	51-83
45 2,4-Dinitrophenol	1500	887.5	59.17	10-191
46 Dibenzofuran	500.0	241.3	48.27*	50-86
47 4-Nitrophenol	500.0	264.5	52.90	44-98
48 2,4-Dinitrotoluene	500.0	251.7	50.34	50-98
49 Fluorene	500.0	233.6	46.73*	52-86
50 Diethylphthalate	500.0	269.0	53.81*	55-89
51 4-Chlorophenyl-phe	500.0	228.8	45.75*	51-85
52 4-Nitroaniline	500.0	189.6	37.92	30-87
53 4,6-Dinitro-2-meth	1500	790.6	52.71	10-136
54 N-Nitrosodiphenyla	500.0	268.7	53.73	28-158
56 4-Bromophenyl-phen	500.0	229.3	45.86*	50-90
57 Hexachlorobenzene	500.0	221.9	44.39*	49-91
58 Pentachlorophenol	500.0	238.4	47.68	40-100
60 Phenanthrene	500.0	244.7	48.95*	51-91
61 Anthracene	500.0	218.9	43.78*	51-86
62 Carbazole	500.0	253.9	50.77*	51-89
63 Di-n-butylphthalat	500.0	280.1	56.03*	58-95
64 Fluoranthene	500.0	261.4	52.29*	54-94
65 Pyrene	500.0	266.4	53.28	46-100
67 Butylbenzylphthala	500.0	272.6	54.52	51-99
68 Benzo(a)anthracene	500.0	233.2	46.65*	52-90
70 3,3'-Dichlorobenzi	1280	266.5	20.82	10-86
71 Chrysene	500.0	247.7	49.53*	51-93
72 bis(2-Ethylhexyl)p	500.0	282.8	56.56	36-111
73 Di-n-octylphthalat	500.0	271.5	54.30	29-108
74 Benzo(b)fluoranthe	500.0	281.0	56.20	54-102
75 Benzo(k)fluoranthe	500.0	293.6	58.71	45-107
76 Benzo(a)pyrene	500.0	244.1	48.82*	52-95
78 Indeno(1,2,3-cd)py	500.0	252.0	50.41	34-105
79 Dibenzo(a,h)anthra	500.0	256.5	51.30	36-112
80 Benzo(g,h,i)peryle	500.0	158.1	31.62	25-116

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	414.1	55.21	26-83
$ 2 Phenol-d5	750.0	364.7	48.63	42-82
$ 5 2-Chlorophenol-d4	750.0	344.8	45.98	43-80
$ 10 1,2-Dichlorobenzen	500.0	191.7	38.33	38-79
$ 18 Nitrobenzene-d5	500.0	211.2	42.24	42-79
$ 36 2-Fluorobiphenyl	500.0	197.1	39.42*	43-80
$ 55 2,4,6-Tribromophen	750.0	409.5	54.59	41-94

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 66 Terphenyl-d14	500.0	285.9	57.18	39-105

Data File: /chem1/nt6.i/20071018.b/lr71sb.d
Date : 18-OCT-2007 11:15
Client ID: LR71LCSS1
Sample Info: LR71LCSS1
Volume Injected (uL): 1.0
Column phase: ZB-5

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

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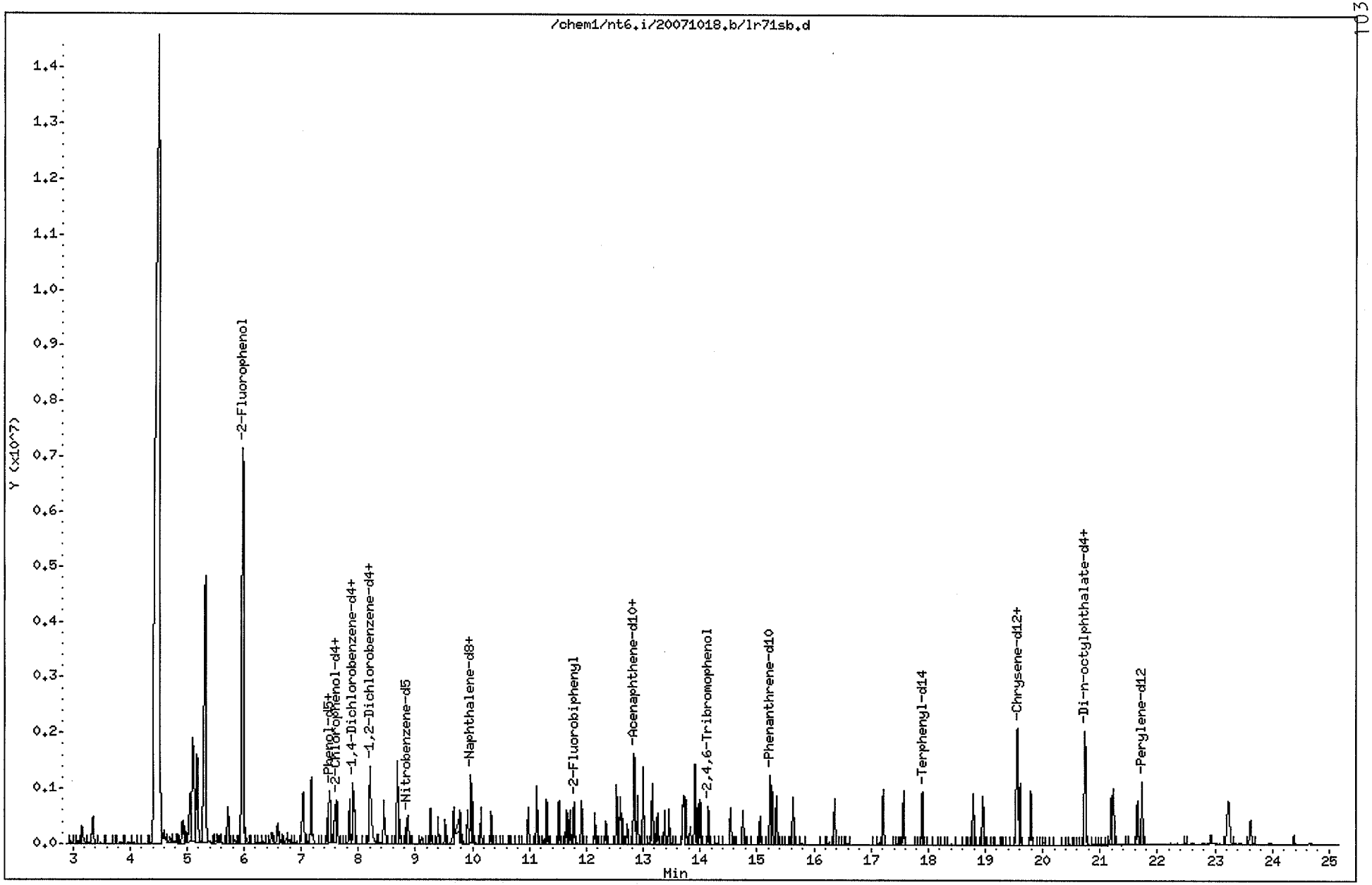

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: MB-102707**
 METHOD BLANK

Lab Sample ID: MB-102707 QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-23292 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Data Release Authorized: Date Sampled: NA
Reported: 01/25/08 Date Received: NA

Date Extracted: 10/27/07 Sample Amount: 50.0 g
Date Analyzed: 11/01/07 15:06 Final Extract Volume: 1.0 mL
Instrument/Analyst: NT4/LJR Dilution Factor: 1.00
GPC Cleanup: Yes 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
67-72-1	Hexachloroethane	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	10	< 10 UJ
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	10	< 10 UJ
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**	**22**
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

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EB 1/30/08

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: MB-102707**
Page 2 of 2 **METHOD BLANK**

Lab Sample ID: MB-102707 QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-23292 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 15:06

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	73.2%	2-Fluorobiphenyl	72.4%
d14-p-Terphenyl	83.2%	d4-1,2-Dichlorobenzene	68.8%
d5-Phenol	74.4%	2-Fluorophenol	62.9%
2,4,6-Tribromophenol	72.5%	d4-2-Chlorophenol	73.1%

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EB 1/30/08

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071101.b/lu10mb.d
Lab Smp Id: LU10MBS1 Client Smp ID: LU10MBS1
Inj Date : 01-NOV-2007 15:06
Operator : VTS Inst ID: nt4.i
Smp Info : LU10MBS1
Misc Info : 07-21929
Comment : 1ul Injection
Method : /chem3/nt4.i/20071101.b/SW846.m
Meth Date : 02-Nov-2007 11:41 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04 Cal File: 0801001.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJK 11/2/07

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	50.00000	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	4.812	4.748	(0.706)	300406	23.6048	472.1
$	2 Phenol-d5	99	6.489	6.489	(0.952)	397040	27.8727	557.5
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.521	6.521	(0.957)	289032	27.3538	547.1
	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	6.815	6.820	(1.000)	150402	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.114	7.114	(1.044)	117077	17.2201	344.4
	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.					

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
Compounds								
16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
15	4-Methylphenol	108	Compound Not Detected.					
$ 18	Nitrobenzene-d5	82	7.771	7.771	(0.876)	268660	18.2643	365.3
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	8.866	8.872	(1.000)	557632	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	10.672	10.677	(0.914)	369811	18.0556	361.1
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	11.682	11.682	(1.000)	296628	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	12.953	12.953	(1.109)	69372	27.1675	543.3
56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	Compound Not Detected.					
* 59	Phenanthrene-d10	188	13.995	14.000	(1.000)	428044	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	Compound Not Detected.					
65	Pyrene	202	Compound Not Detected.					
$ 66	Terphenyl-d14	244	16.634	16.634	(0.913)	357059	20.8071	416.1
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	18.215	18.221	(1.000)	370917	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	Compound Not Detected.					
72	bis(2-Ethylhexyl)phthalate	149	18.573	18.578	(0.953)	17814	1.11337	22.27
* 134	Di-n-octylphthalate-d4	153	19.497	19.503	(1.000)	507823	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	20.320	20.325	(1.000)	385229	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: nt4.i
Lab File ID: lu10mb.d
Lab Smp Id: LU10MBS1
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info: 07-21929

Calibration Date: 01-NOV-2007
Calibration Time: 14:35
Client Smp ID: LU10MBS1
Level: LOW
Sample Type: Solid

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	145384	72692	290768	150402	3.45
27 Naphthalene-d8	530525	265262	1061050	557632	5.11
42 Acenaphthene-d10	280701	140350	561402	296628	5.67
59 Phenanthrene-d10	391934	195967	783868	428044	9.21
69 Chrysene-d12	354658	177329	709316	370917	4.58
134 Di-n-octylphthala	506314	253157	1012628	507823	0.30
77 Perylene-d12	400782	200391	801564	385229	-3.88

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.82	6.32	7.32	6.82	-0.08
27 Naphthalene-d8	8.87	8.37	9.37	8.87	-0.06
42 Acenaphthene-d10	11.68	11.18	12.18	11.68	0.00
59 Phenanthrene-d10	14.00	13.50	14.50	13.99	-0.04
69 Chrysene-d12	18.22	17.72	18.72	18.22	-0.03
134 Di-n-octylphthala	19.50	19.00	20.00	19.50	-0.03
77 Perylene-d12	20.33	19.83	20.83	20.32	-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.

Analytical Resources, Inc.

RECOVERY REPORT

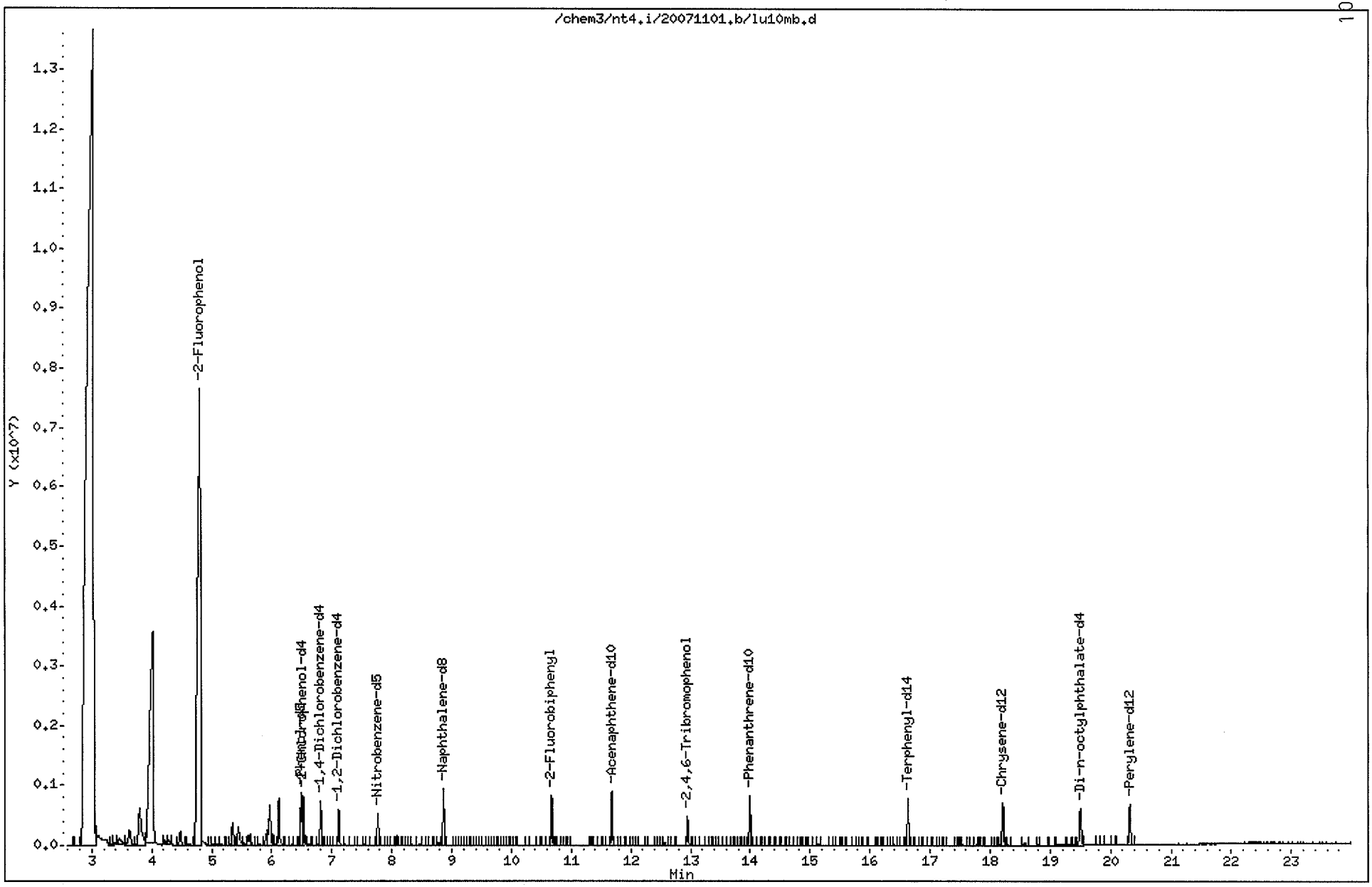
Client Name: Hart Crowser, Inc. Client SDG: LU10
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LU10MBS1 Client Smp ID: LU10MBS1
Level: LOW Operator: VTS
Data Type: MS DATA SampleType: BLANK
SpikeList File: PSDDALCS.spk Quant Type: ISTD
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info: 07-21929

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	472.1	62.95	11-84
$ 2 Phenol-d5	750.0	557.5	74.33	25-86
$ 5 2-Chlorophenol-d4	750.0	547.1	72.94	23-91
$ 10 1,2-Dichlorobenzen	500.0	344.4	68.88	24-90
$ 18 Nitrobenzene-d5	500.0	365.3	73.06	26-88
$ 36 2-Fluorobiphenyl	500.0	361.1	72.22	34-91
$ 55 2,4,6-Tribromophen	750.0	543.3	72.45	25-107
$ 66 Terphenyl-d14	500.0	416.1	83.23	22-100

Data File: /chem3/nt4.i/20071101.b/lu10mb.d
Date : 01-NOV-2007 15:06
Client ID: LU10MBS1
Sample Info: LU10MBS1
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: VTS
Column diameter: 0.32

1042



Data File: /chem3/nt4.i/20071101.b/lu10mb.d

Date : 01-NOV-2007 15:06

Client ID: LU10MBS1

Instrument: nt4.i

Sample Info: LU10MBS1

Volume Injected (uL): 1.0

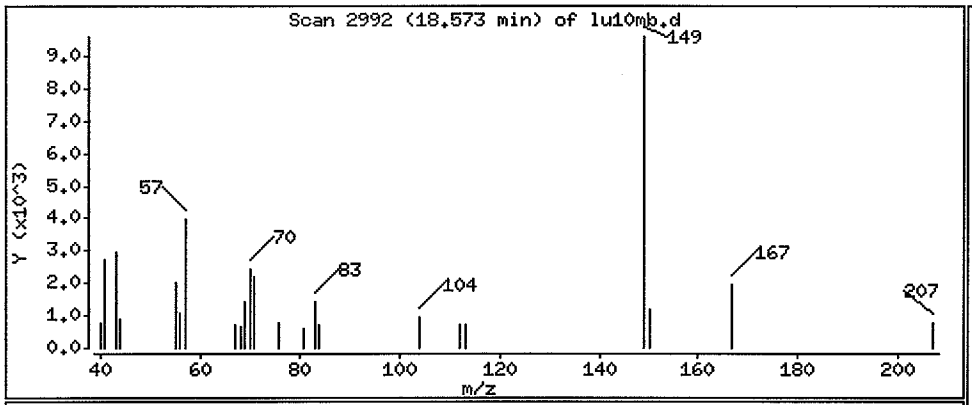
Operator: VTS

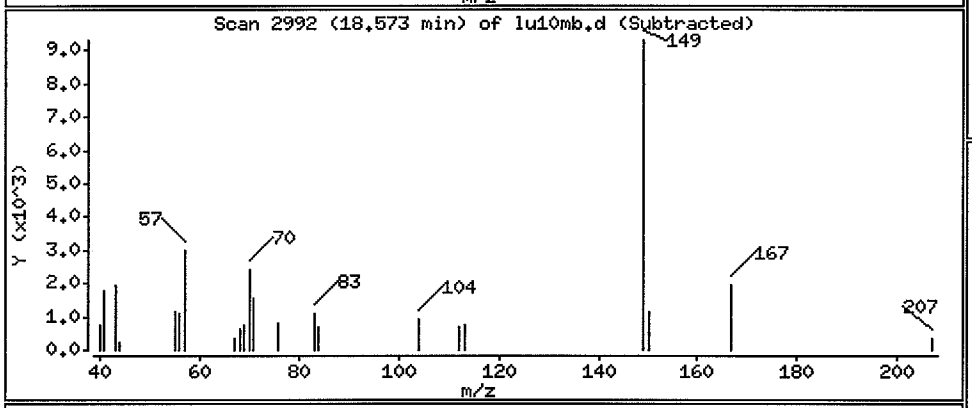
Column phase: ZB-5

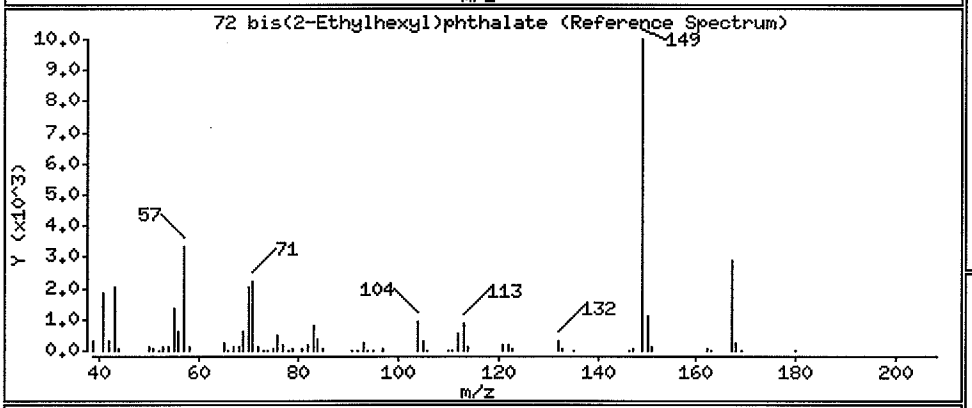
Column diameter: 0.32

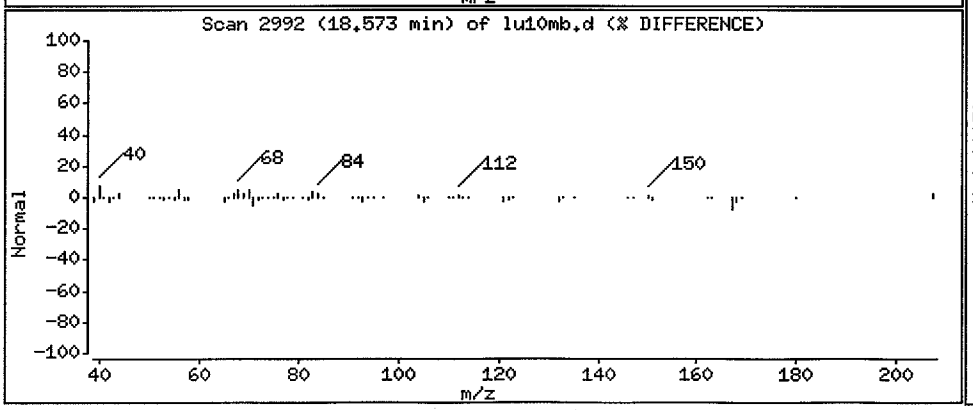
72 bis(2-Ethylhexyl)phthalate

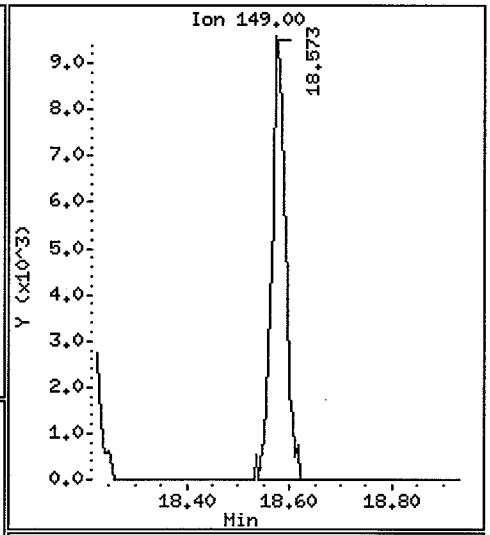
Concentration: 22.27 ug/kg

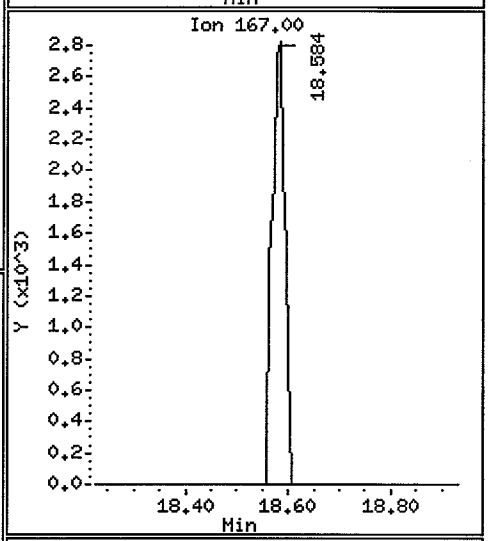


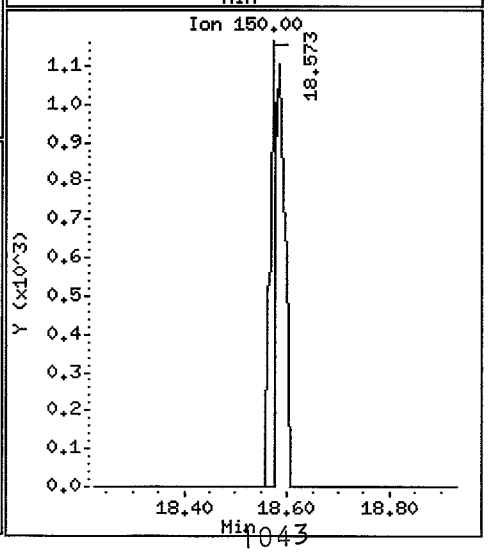












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
 MATRIX SPIKE

Lab Sample ID: LR71E
LIMS ID: 07-23292
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 19:16
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.7%

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	---
67-72-1	Hexachloroethane	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	---

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-10-070928
MATRIX SPIKE

Lab Sample ID: LR71E
LIMS ID: 07-23292
Matrix: Sediment
Date Analyzed: 11/01/07 19:16

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.4%	2-Fluorobiphenyl	58.8%
d14-p-Terphenyl	58.4%	d4-1,2-Dichlorobenzene	52.8%
d5-Phenol	60.5%	2-Fluorophenol	46.9%
2,4,6-Tribromophenol	58.9%	d4-2-Chlorophenol	59.2%

Data File: /chem3/nt4.i/20071101.b/lr71ems2.d
Report Date: 02-Nov-2007 11:40

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071101.b/lr71ems2.d
Lab Smp Id: LR71EMSRE
Inj Date : 01-NOV-2007 19:16
Operator : VTS
Smp Info : LR71EMSRE
Misc Info : 07-23292
Comment : 1ul Injection
Method : /chem3/nt4.i/20071101.b/SW846.m
Meth Date : 02-Nov-2007 11:40 jeff
Cal Date : 01-OCT-2007 11:04
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50

Client Smp ID: AN-SS-10-070928 MS

Inst ID: nt4.i

LJK 11/2/07

Quant Type: ISTD
Cal File: 0801001.d
QC Sample: MS

Compound Sublist: PSDDA.sub

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	65.70000	Weight of sample extracted (g)
M	22.70000	% 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	4.853	4.748	(0.711)	252639	17.6018	346.6
$ 2 Phenol-d5	99	6.515	6.489	(0.955)	364414	22.6833	446.6
3 Phenol	94	6.531	6.505	(0.957)	458705	24.0417	473.4 (R)
$ 5 2-Chlorophenol-d4	132	6.541	6.521	(0.958)	264342	22.1822	436.8
4 Bis(2-Chloroethyl)ether	93	6.541	6.532	(0.958)	240562	16.3615	322.2
6 2-Chlorophenol	128	6.563	6.548	(0.962)	203904	14.8447	292.3
7 1,3-Dichlorobenzene	146	6.755	6.746	(0.990)	187509	13.3366	262.6
* 8 1,4-Dichlorobenzene-d4	152	6.825	6.820	(1.000)	169624	20.0000	
9 1,4-Dichlorobenzene	146	6.851	6.842	(1.004)	193207	13.6349	268.5
$ 10 1,2-Dichlorobenzene-d4	152	7.124	7.114	(1.044)	101114	13.1869	259.7
12 1,2-Dichlorobenzene	146	7.145	7.141	(1.047)	185789	13.9990	275.6
11 Benzyl alcohol	108	7.172	7.162	(1.051)	272871	31.3416	617.1 (M)
14 2,2'-oxybis(1-Chloropropane)	45	7.428	7.429	(1.088)	270930	15.1843	299.0
13 2-Methylphenol	108	7.460	7.445	(1.093)	205882	16.3345	321.6
17 Hexachloroethane	117	7.631	7.627	(1.118)	75458	11.7276	230.9

Data File: /chem3/nt4.i/20071101.b/lr71ems2.d
Report Date: 02-Nov-2007 11:40

	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	7.647	7.643	(1.121)	178217	15.3043	301.3
	15 4-Methylphenol	108	7.706	7.686	(1.129)	462251	36.0309	709.5
$	18 Nitrobenzene-d5	82	7.776	7.771	(0.877)	231737	14.1364	278.4
	19 Nitrobenzene	77	7.802	7.803	(0.880)	265074	14.5929	287.3
	20 Isophorone	82	8.208	8.199	(0.925)	450935	15.7343	309.8
	21 2-Nitrophenol	139	8.326	8.322	(0.939)	104663	15.2539	300.4
	22 2,4-Dimethylphenol	107	8.518	8.509	(0.960)	213772	14.7169	289.8
	23 Bis(2-Chloroethoxy)methane	93	8.636	8.637	(0.974)	258607	15.0350	296.0
	24 Benzoic acid	105	8.828	8.813	(0.995)	473966	45.2865	891.7 (M)
	25 2,4-Dichlorophenol	162	8.732	8.722	(0.984)	155306	15.8413	311.9
	26 1,2,4-Trichlorobenzene	180	8.828	8.829	(0.995)	158757	13.6985	269.7
*	27 Naphthalene-d8	136	8.871	8.872	(1.000)	621446	20.0000	
	28 Naphthalene	128	8.903	8.899	(1.004)	589669	15.4557	304.3
	29 4-Chloroaniline	127	9.122	9.086	(1.028)	32983	2.05224	40.41 (RM)
	30 Hexachlorobutadiene	225	9.245	9.246	(1.042)	90047	13.4205	264.3
	31 4-Chloro-3-methylphenol	107	9.955	9.946	(1.122)	173944	14.3679	282.9
	32 2-Methylnaphthalene	141	10.014	10.015	(1.129)	304144	15.6492	308.1
	33 Hexachlorocyclopentadiene	237	10.399	10.405	(0.890)	46172	7.54531	148.6 (R)
	34 2,4,6-Trichlorophenol	196	10.553	10.549	(0.903)	117846	17.4129	342.9
	35 2,4,5-Trichlorophenol	196	10.618	10.608	(0.909)	109213	15.0749	296.8
$	36 2-Fluorobiphenyl	172	10.676	10.677	(0.914)	342671	14.6948	289.3
	37 2-Chloronaphthalene	162	10.772	10.774	(0.922)	333496	15.1114	297.5
	38 2-Nitroaniline	65	11.040	11.035	(0.945)	133682	13.9258	274.2
	39 Dimethylphthalate	163	11.440	11.436	(0.979)	338099	14.0757	277.2
	40 Acenaphthylene	152	11.430	11.431	(0.978)	510516	15.4567	304.3
	41 2,6-Dinitrotoluene	165	11.510	11.511	(0.985)	81616	14.8655	292.7
*	42 Acenaphthene-d10	164	11.686	11.682	(1.000)	337720	20.0000	
	43 3-Nitroaniline	138	11.718	11.709	(1.003)	38795	6.00945	118.3 (R)
	44 Acenaphthene	153	11.734	11.730	(1.004)	312395	14.2479	280.5
	45 2,4-Dinitrophenol	184	11.873	11.869	(1.016)	128521	42.0372	827.7
	46 Dibenzofuran	168	11.990	11.992	(1.026)	444466	15.5645	306.5
	47 4-Nitrophenol	109	12.103	12.088	(1.036)	72719	15.9453	314.0
	48 2,4-Dinitrotoluene	165	12.119	12.120	(1.037)	106412	14.6616	288.7
	50 Diethylphthalate	149	12.583	12.585	(1.077)	366067	15.5336	305.9
	49 Fluorene	166	12.535	12.537	(1.073)	368869	15.1378	298.1
	51 4-Chlorophenyl-phenylether	204	12.599	12.595	(1.078)	171139	14.3199	282.0
	52 4-Nitroaniline	138	12.685	12.681	(1.085)	26067	4.04350	79.62 (R)
	53 4,6-Dinitro-2-methylphenol	198	12.754	12.756	(0.911)	167695	46.5607	916.8
	54 N-Nitrosodiphenylamine	169	12.808	12.809	(0.915)	235725	21.6547	426.4
$	55 2,4,6-Tribromophenol	330	12.957	12.953	(1.109)	64142	22.0629	434.4
	56 4-Bromophenyl-phenylether	248	13.358	13.359	(0.954)	88448	16.0842	316.7
	57 Hexachlorobenzene	284	13.540	13.541	(0.967)	93396	16.3366	321.7
	58 Pentachlorophenol	266	13.855	13.856	(0.990)	59104	17.6929	348.4
*	59 Phenanthrene-d10	188	13.999	14.000	(1.000)	442952	20.0000	
	60 Phenanthrene	178	14.037	14.032	(1.003)	606194	19.8017	389.9
	61 Anthracene	178	14.106	14.102	(1.008)	512557	16.5575	326.0
	62 Carbazole	167	14.421	14.412	(1.030)	437826	16.5301	325.5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	63 Di-n-butylphthalate	149	15.206	15.197	(1.086)	561567	17.6383	347.3
	64 Fluoranthene	202	15.928	15.923	(1.138)	705640	21.2903	419.2
	65 Pyrene	202	16.264	16.260	(0.892)	670377	18.7375	369.0
$	66 Terphenyl-d14	244	16.643	16.634	(0.913)	301946	14.6193	287.9
	67 Butylbenzylphthalate	149	17.562	17.558	(0.963)	250405	16.6943	328.7
	68 Benzo(a)anthracene	228	18.203	18.199	(0.999)	582669	17.5613	345.8
*	69 Chrysene-d12	240	18.230	18.221	(1.000)	446427	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.284	18.258	(1.003)	7297	0.61935	12.20 (RM)
	71 Chrysene	228	18.267	18.258	(1.002)	589229	18.0540	355.5
	72 bis(2-Ethylhexyl)phthalate	149	18.588	18.578	(0.953)	408621	21.4808	423.0
*	134 Di-n-octylphthalate-d4	153	19.507	19.503	(1.000)	603758	20.0000	
	73 Di-n-octylphthalate	149	19.518	19.513	(1.001)	625094	17.9736	353.9
	74 Benzo(b)fluoranthene	252	19.827	19.818	(0.975)	654603	18.5988	366.2
	75 Benzo(k)fluoranthene	252	19.859	19.850	(0.977)	623784	16.7772	330.4
	76 Benzo(a)pyrene	252	20.255	20.245	(0.996)	512173	16.3401	321.7
*	77 Perylene-d12	264	20.335	20.325	(1.000)	516940	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	21.676	21.661	(1.066)	584694	16.9710	334.2
	79 Dibenzo(a,h)anthracene	278	21.713	21.693	(1.068)	515949	18.2340	359.0
	80 Benzo(g,h,i)perylene	276	21.959	21.944	(1.080)	336904	10.8565	213.8
	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	10.179	10.181	(1.148)	304426	15.4673	304.6
	111 Azobenzene (1,2-DP-Hydrazine)	77	12.840	12.841	(1.099)	521376	15.9492	314.0

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: /chem3/nt4.i/20071101.b/lr71ems2.d
Report Date: 02-Nov-2007 11:40

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: lr71ems2.d
Lab Smp Id: LR71EMSRE
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info: 07-23292

Calibration Date: 01-NOV-2007
Calibration Time: 14:35
Client Smp ID: AN-SS-10-070928
Level: LOW
Sample Type: Sediment

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	145384	72692	290768	169624	16.67
27 Naphthalene-d8	530525	265262	1061050	621446	17.14
42 Acenaphthene-d10	280701	140350	561402	337720	20.31
59 Phenanthrene-d10	391934	195967	783868	442952	13.02
69 Chrysene-d12	354658	177329	709316	446427	25.88
134 Di-n-octylphthala	506314	253157	1012628	603758	19.25
77 Perylene-d12	400782	200391	801564	516940	28.98

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.82	6.32	7.32	6.82	0.06
27 Naphthalene-d8	8.87	8.37	9.37	8.87	-0.01
42 Acenaphthene-d10	11.68	11.18	12.18	11.69	0.04
59 Phenanthrene-d10	14.00	13.50	14.50	14.00	-0.01
69 Chrysene-d12	18.22	17.72	18.72	18.23	0.05
134 Di-n-octylphthala	19.50	19.00	20.00	19.51	0.02
77 Perylene-d12	20.33	19.83	20.83	20.33	0.05

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: LR71EMSRE
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info: 07-23292

Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-10-070928 MS
Operator: VTS
SampleType: MS
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	492.3	473.4	96.17*	45-89
4	Bis(2-Chloroethyl)	492.3	322.2	65.45	42-82
6	2-Chlorophenol	492.3	292.3	59.38	46-80
7	1,3-Dichlorobenzen	492.3	262.6	53.35	45-76
9	1,4-Dichlorobenzen	492.3	268.5	54.54	45-76
11	Benzyl alcohol	984.5	617.1	62.68	36-79
12	1,2-Dichlorobenzen	492.3	275.6	56.00	44-78
13	2-Methylphenol	492.3	321.6	65.34	47-82
14	2,2'-oxybis(1-Chlo	492.3	299.0	60.74	36-96
15	4-Methylphenol	984.5	709.5	72.06	47-86
16	N-Nitroso-di-n-pro	492.3	301.3	61.22	42-84
17	Hexachloroethane	492.3	230.9	46.91	40-77
19	Nitrobenzene	492.3	287.3	58.37	35-94
20	Isophorone	492.3	309.8	62.94	50-86
21	2-Nitrophenol	492.3	300.4	61.02	46-84
22	2,4-Dimethylphenol	492.3	289.8	58.87	30-76
23	Bis(2-Chloroethoxy	492.3	296.0	60.14	48-81
24	Benzoic acid	1477	891.7	60.38	39-103
25	2,4-Dichlorophenol	492.3	311.9	63.37	50-85
26	1,2,4-Trichloroben	492.3	269.7	54.79	45-81
28	Naphthalene	492.3	304.3	61.82	46-80
29	4-Chloroaniline	1181	40.41	3.42*	15-79
30	Hexachlorobutadien	492.3	264.3	53.68	44-79
31	4-Chloro-3-methylp	492.3	282.9	57.47	50-89
32	2-Methylnaphthalen	492.3	308.1	62.60	49-81
33	Hexachlorocyclopen	1477	148.6	10.06*	17-98
34	2,4,6-Trichlorophe	492.3	342.9	69.65	48-89
35	2,4,5-Trichlorophe	492.3	296.8	60.30	47-91
37	2-Chloronaphthalen	492.3	297.5	60.45	50-83
38	2-Nitroaniline	492.3	274.2	55.70	45-96
39	Dimethylphthalate	492.3	277.2	56.30	53-87
40	Acenaphthylene	492.3	304.3	61.83	51-84
41	2,6-Dinitrotoluene	492.3	292.7	59.46	49-95

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
43	3-Nitroaniline	1260	118.3	9.39*	36-92
44	Acenaphthene	492.3	280.5	56.99	51-83
45	2,4-Dinitrophenol	1477	827.7	56.05	10-191
46	Dibenzofuran	492.3	306.5	62.26	50-86
47	4-Nitrophenol	492.3	314.0	63.78	44-98
48	2,4-Dinitrotoluene	492.3	288.7	58.65	50-98
49	Fluorene	492.3	298.1	60.55	52-86
50	Diethylphthalate	492.3	305.9	62.13	55-89
51	4-Chlorophenyl-phe	492.3	282.0	57.28	51-85
52	4-Nitroaniline	492.3	79.62	16.17*	30-87
53	4,6-Dinitro-2-meth	1477	916.8	62.08	10-136
54	N-Nitrosodiphenyla	492.3	426.4	86.62	28-158
56	4-Bromophenyl-phen	492.3	316.7	64.34	50-90
57	Hexachlorobenzene	492.3	321.7	65.35	49-91
58	Pentachlorophenol	492.3	348.4	70.77	40-100
60	Phenanthrene	492.3	389.9	79.21	51-91
61	Anthracene	492.3	326.0	66.23	51-86
62	Carbazole	492.3	325.5	66.12	51-89
63	Di-n-butylphthalat	492.3	347.3	70.55	58-95
64	Fluoranthene	492.3	419.2	85.16	54-94
65	Pyrene	492.3	369.0	74.95	46-100
67	Butylbenzylphthala	492.3	328.7	66.78	51-99
68	Benzo(a)anthracene	492.3	345.8	70.25	52-90
70	3,3'-Dichlorobenzi	1260	12.20	0.97*	10-86
71	Chrysene	492.3	355.5	72.22	51-93
72	bis(2-Ethylhexyl)p	492.3	423.0	85.92	36-111
73	Di-n-octylphthalat	492.3	353.9	71.89	29-108
74	Benzo(b)fluoranthe	492.3	366.2	74.40	54-102
75	Benzo(k)fluoranthe	492.3	330.4	67.11	45-107
76	Benzo(a)pyrene	492.3	321.7	65.36	52-95
78	Indeno(1,2,3-cd)py	492.3	334.2	67.88	34-105
79	Dibenzo(a,h)anthra	492.3	359.0	72.94	36-112
80	Benzo(g,h,i)peryle	492.3	213.8	43.43	25-116

OK

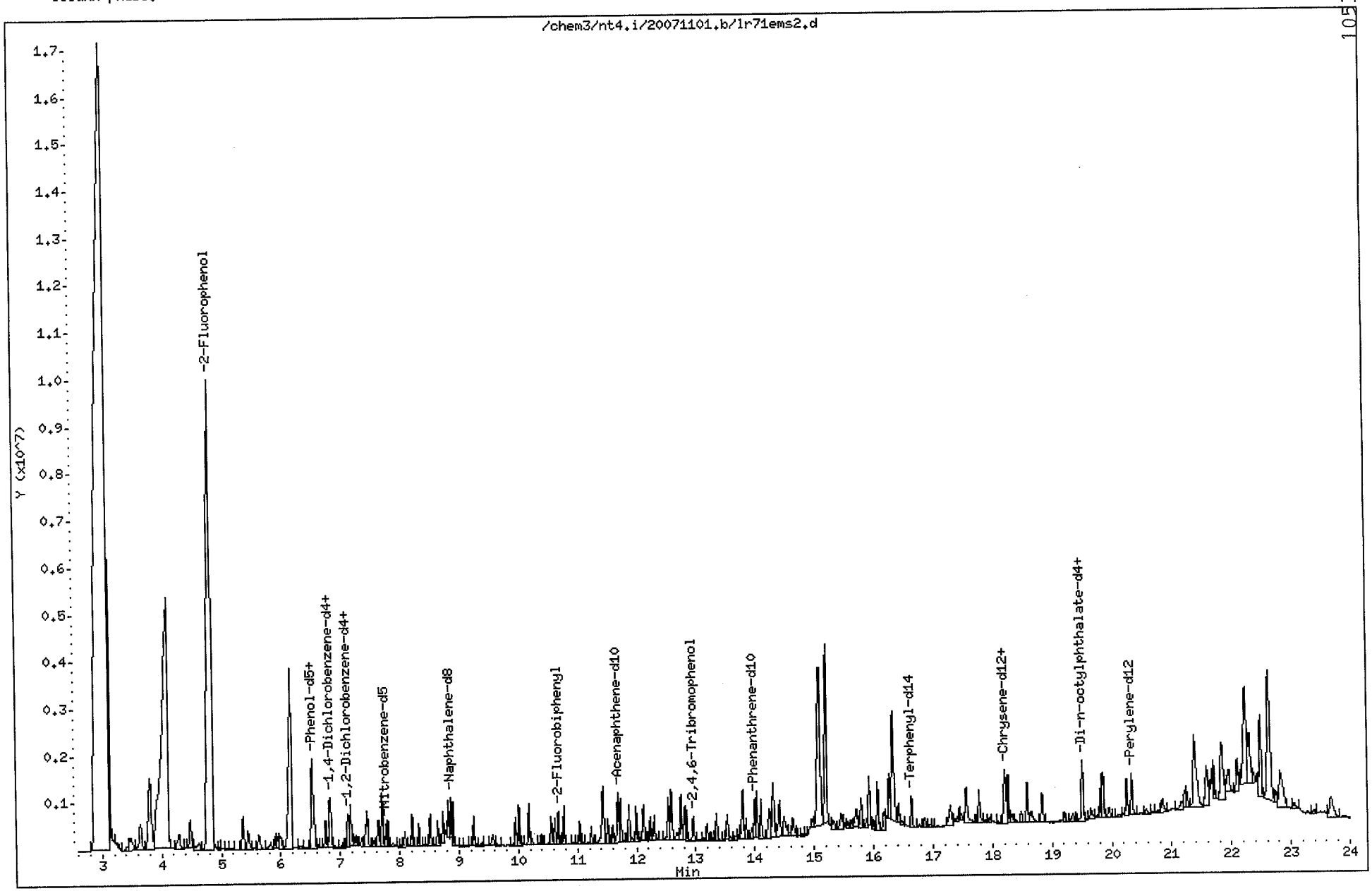
	SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	738.4	346.6	46.94	11-84
$ 2	Phenol-d5	738.4	446.6	60.49	25-86
$ 5	2-Chlorophenol-d4	738.4	436.8	59.15	23-91
$ 10	1,2-Dichlorobenzen	492.3	259.7	52.75	24-90
$ 18	Nitrobenzene-d5	492.3	278.4	56.55	26-88
$ 36	2-Fluorobiphenyl	492.3	289.3	58.78	34-91
$ 55	2,4,6-Tribromophen	738.4	434.4	58.83	25-107

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 66 Terphenyl-d14	492.3	287.9	58.48	22-100

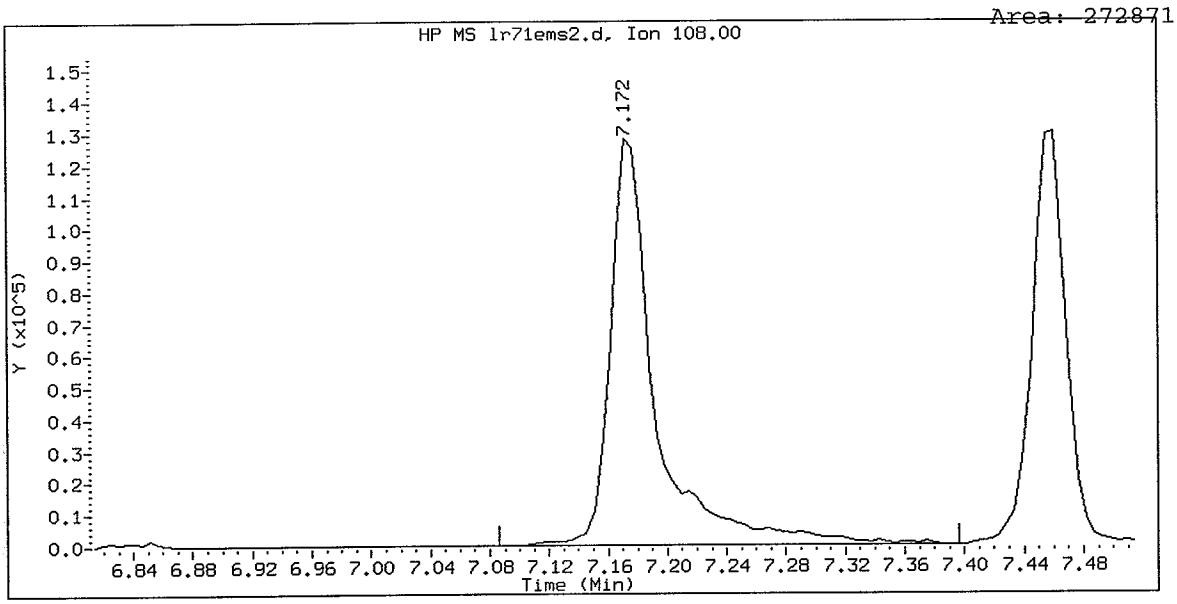
Data File: /chem3/nt4.i/20071101.b/lr71ems2.d
Date : 01-NOV-2007 19:16
Client ID: AN-SS-10-070928 MS
Sample Info: LR71EMSRE
Volume Injected (uL): 1.0
Column phase: ZB-5

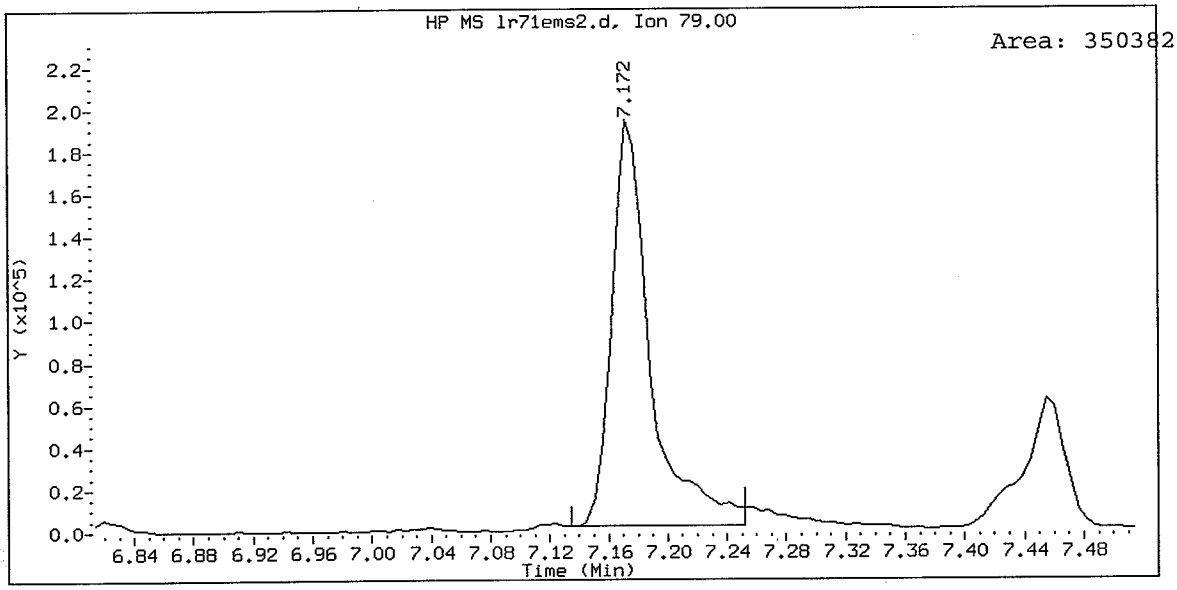
Instrument: nt4.i

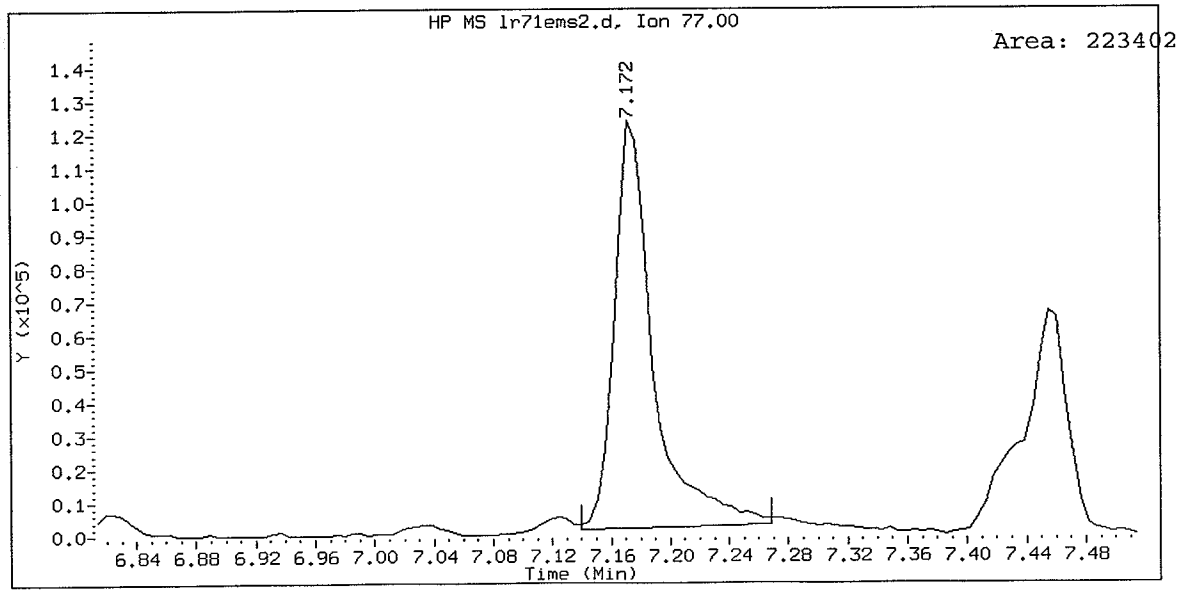
Operator: VTS
Column diameter: 0.32



LR71EMSRE, /chem3/nt4.i/20071101.b/lr71ems2.d
Benzyl alcohol Amount: 31.34







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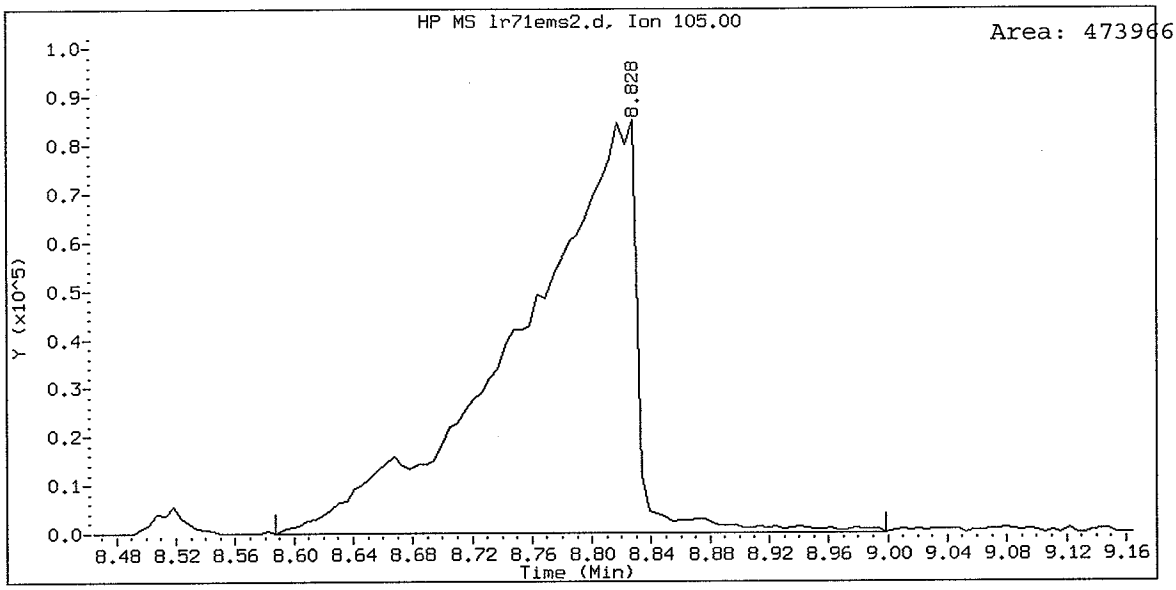
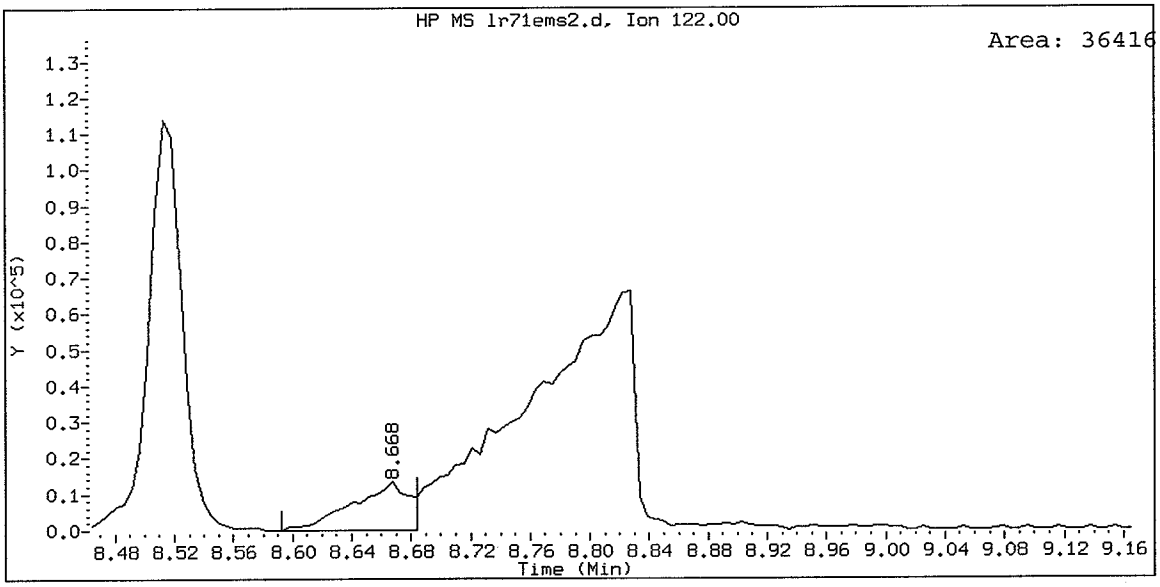
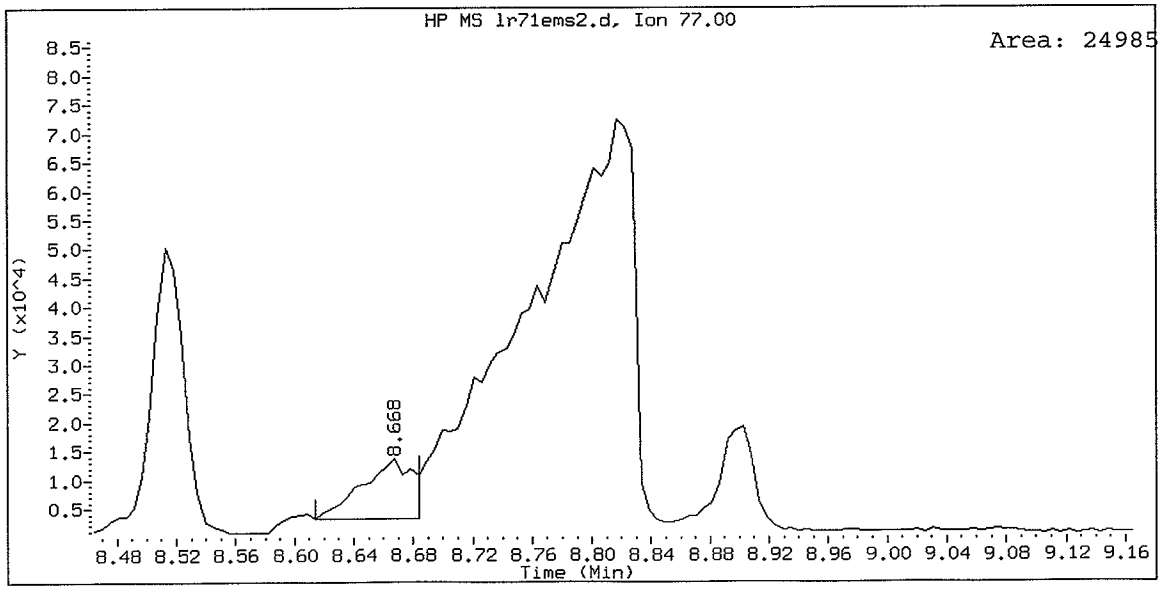
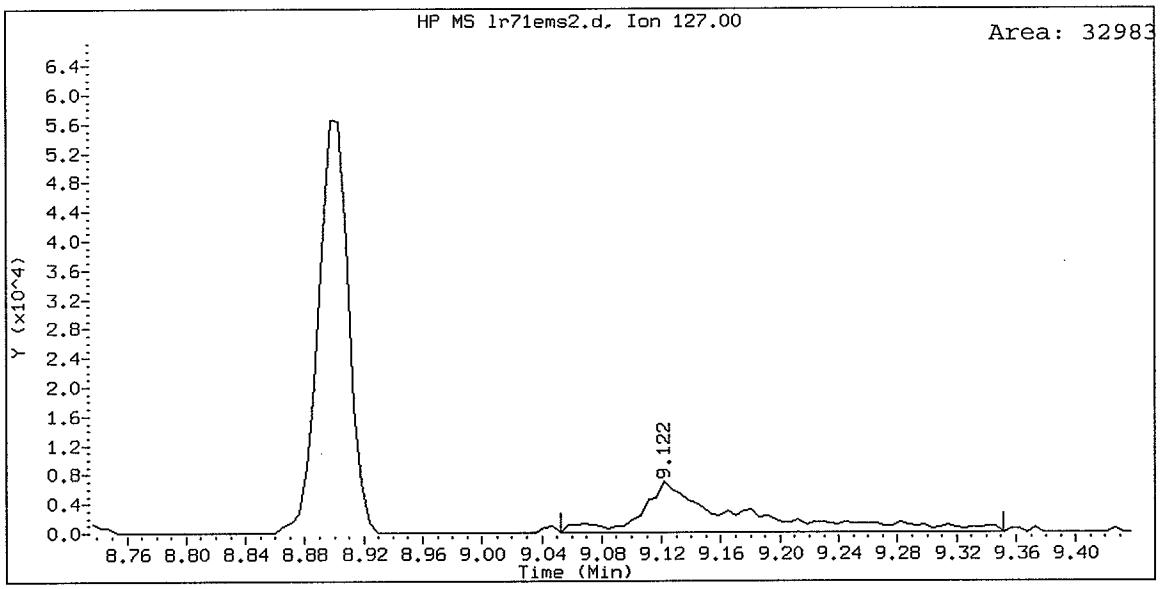
Benzoic acid Amount: 45.29

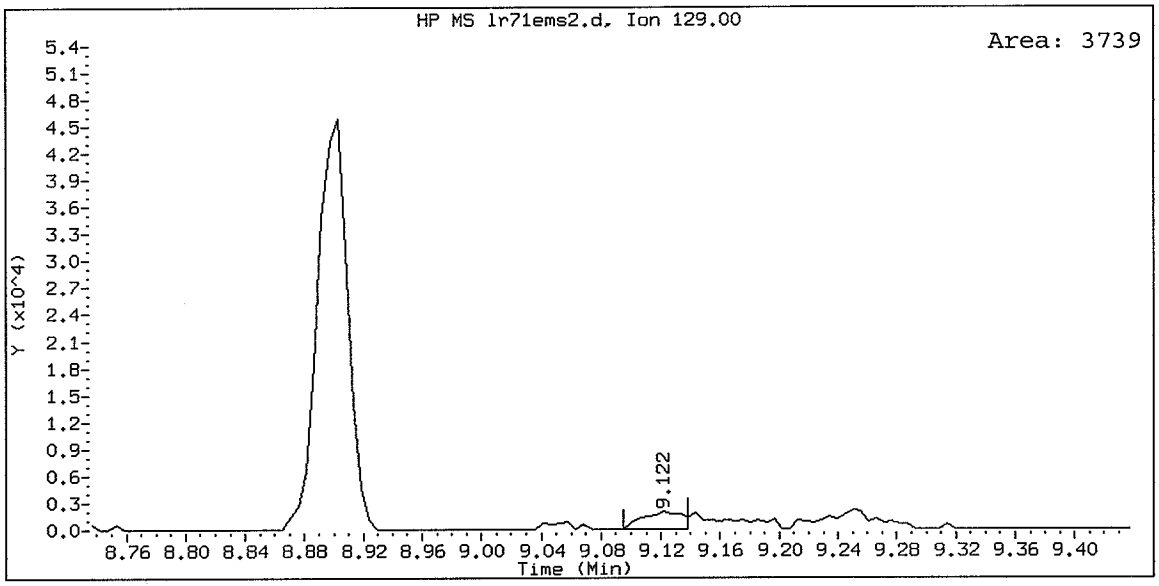




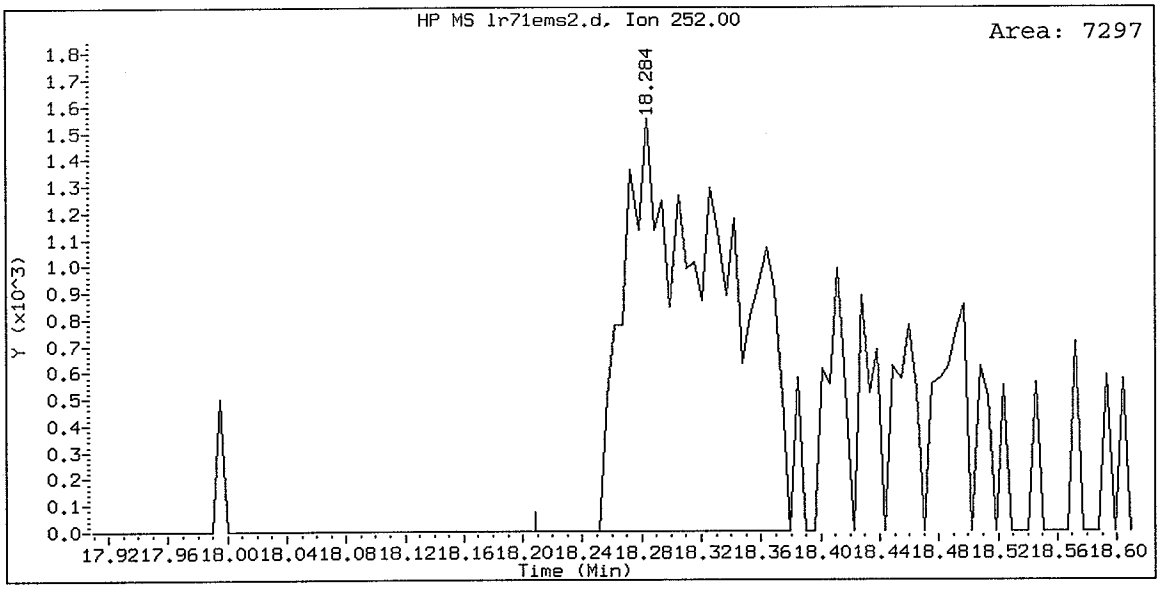


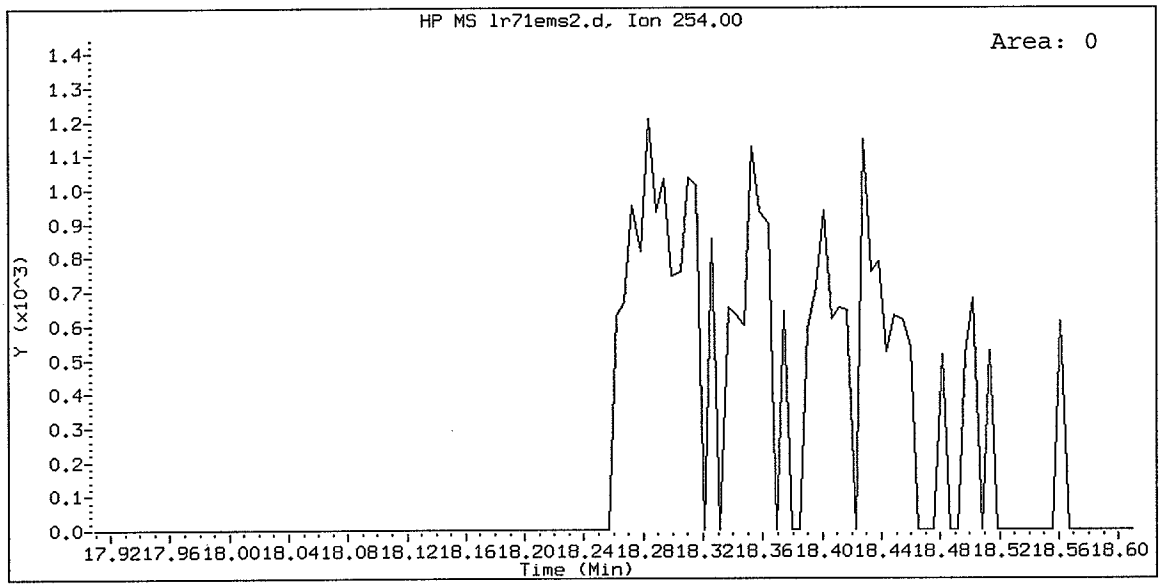
LR71EMSRE, /chem3/nt4.i/20071101.b/lr71ems2.d
4-Chloroaniline Amount: 2.05

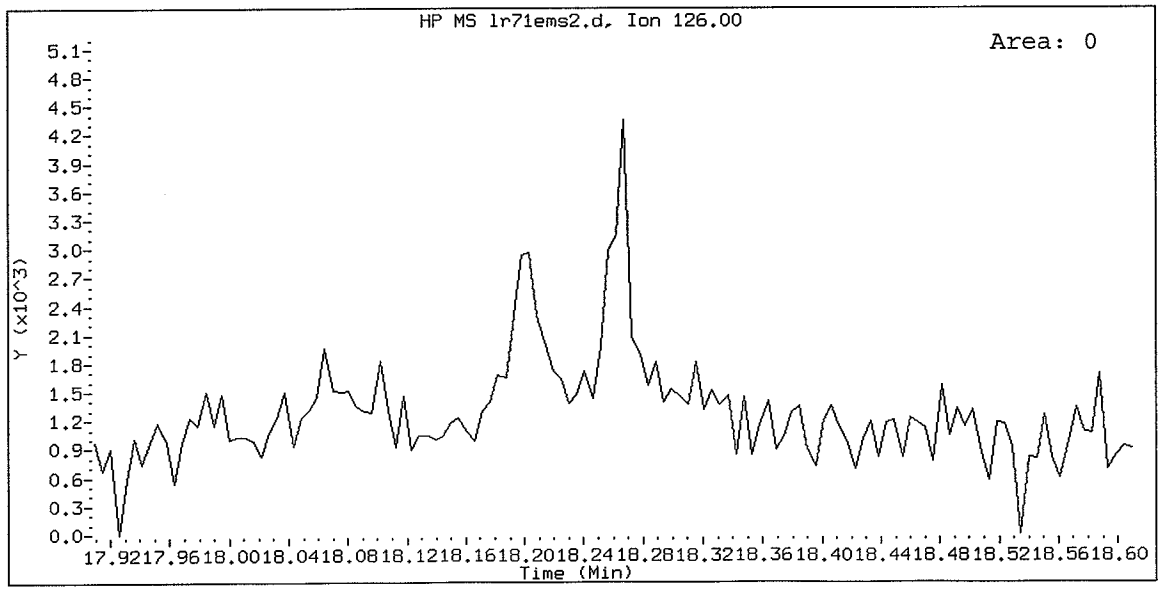




LR71EMSRE, /chem3/nt4.i/20071101.b/lr71ems2.d
3,3'-Dichlorobenzidine Amount: 0.62







ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-10-070928
MATRIX SPIKE DUPLICATE

Lab Sample ID: LR71E
LIMS ID: 07-23292
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 19:47
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.9 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.7%

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	---
67-72-1	Hexachloroethane	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	---

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
Page 2 of 2 **MATRIX SPIKE DUPLICATE**

Lab Sample ID: LR71E QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-23292 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 19:47

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.8%	2-Fluorobiphenyl	63.2%
d14-p-Terphenyl	61.6%	d4-1,2-Dichlorobenzene	58.0%
d5-Phenol	64.0%	2-Fluorophenol	49.6%
2,4,6-Tribromophenol	63.2%	d4-2-Chlorophenol	63.2%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071101.b/lr71emd2.d
Lab Smp Id: LR71EMSDRE Client Smp ID: AN-SS-10-070928 MSD
Inj Date : 01-NOV-2007 19:47
Operator : VTS Inst ID: nt4.i
Smp Info : LR71EMSDRE
Misc Info : 07-23292
Comment : 1ul Injection
Method : /chem3/nt4.i/20071101.b/SW846.m
Meth Date : 02-Nov-2007 11:40 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04 Cal File: 0801001.d
Als bottle: 12 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJK 19/2/07

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	65.80000	Weight of sample extracted (g)
M	22.70000	% 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	4.846	4.748	(0.710)	231167	18.5746	365.2
$	2 Phenol-d5	99	6.512	6.489	(0.955)	334541	24.0158	472.2
	3 Phenol	94	6.528	6.505	(0.957)	406748	24.5863	483.4 (R)
$	5 2-Chlorophenol-d4	132	6.539	6.521	(0.958)	244679	23.6794	465.5
	4 Bis(2-Chloroethyl)ether	93	6.539	6.532	(0.958)	218324	17.1251	336.7
	6 2-Chlorophenol	128	6.566	6.548	(0.962)	191433	16.0731	316.0
	7 1,3-Dichlorobenzene	146	6.753	6.746	(0.990)	175381	14.3861	282.8
*	8 1,4-Dichlorobenzene-d4	152	6.822	6.820	(1.000)	147079	20.0000	
	9 1,4-Dichlorobenzene	146	6.849	6.842	(1.004)	176675	14.3794	282.7
$	10 1,2-Dichlorobenzene-d4	152	7.121	7.114	(1.044)	96284	14.4818	284.7
	12 1,2-Dichlorobenzene	146	7.143	7.141	(1.047)	171358	14.8907	292.8
	11 Benzyl alcohol	108	7.169	7.162	(1.051)	249551	33.0567	649.9 (M)
	14 2,2'-oxybis(1-Chloropropane)	45	7.426	7.429	(1.088)	251271	16.2412	319.3
	13 2-Methylphenol	108	7.458	7.445	(1.093)	191242	17.4988	344.0
	17 Hexachloroethane	117	7.629	7.627	(1.118)	69728	12.4982	245.7

Data File: /chem3/nt4.i/20071101.b/lr71emd2.d
Report Date: 02-Nov-2007 11:40

	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	7.650	7.643	(1.121)	167958	16.6342	327.0
	15 4-Methylphenol	108	7.704	7.686	(1.129)	412994	37.1259	729.9
$	18 Nitrobenzene-d5	82	7.773	7.771	(0.876)	218246	15.2272	299.4
	19 Nitrobenzene	77	7.805	7.803	(0.880)	247274	15.5697	306.1
	20 Isophorone	82	8.211	8.199	(0.926)	417148	16.6476	327.3
	21 2-Nitrophenol	139	8.323	8.322	(0.939)	96653	16.1113	316.8
	22 2,4-Dimethylphenol	107	8.516	8.509	(0.960)	198229	15.6085	306.9
	23 Bis(2-Chloroethoxy)methane	93	8.633	8.637	(0.973)	240092	15.9650	313.9
	24 Benzoic acid	105	8.815	8.813	(0.994)	455083	49.7326	977.8 (M)
	25 2,4-Dichlorophenol	162	8.729	8.722	(0.984)	146262	17.0633	335.5
	26 1,2,4-Trichlorobenzene	180	8.825	8.829	(0.995)	150124	14.8156	291.3
*	27 Naphthalene-d8	136	8.868	8.872	(1.000)	543344	20.0000	
	28 Naphthalene	128	8.900	8.899	(1.004)	543011	16.2786	320.0
	29 4-Chloroaniline	127	9.125	9.086	(1.029)	34255	2.43776	47.93 (RM)
	30 Hexachlorobutadiene	225	9.247	9.246	(1.043)	84138	14.3424	282.0
	31 4-Chloro-3-methylphenol	107	9.953	9.946	(1.122)	163271	15.4249	303.3
	32 2-Methylnaphthalene	141	10.017	10.015	(1.129)	282876	16.6470	327.3
	33 Hexachlorocyclopentadiene	237	10.401	10.405	(0.890)	49535	9.43651	185.5 (R)
	34 2,4,6-Trichlorophenol	196	10.556	10.549	(0.904)	105045	18.0939	355.7
	35 2,4,5-Trichlorophenol	196	10.615	10.608	(0.909)	99067	15.9408	313.4
$	36 2-Fluorobiphenyl	172	10.674	10.677	(0.914)	316046	15.7993	310.6
	37 2-Chloronaphthalene	162	10.775	10.774	(0.922)	311133	16.4346	323.1
	38 2-Nitroaniline	65	11.037	11.035	(0.945)	120495	14.6324	287.7
	39 Dimethylphthalate	163	11.438	11.436	(0.979)	313674	15.2231	299.3
	40 Acenaphthylene	152	11.432	11.431	(0.978)	444668	15.6943	308.6
	41 2,6-Dinitrotoluene	165	11.512	11.511	(0.985)	74677	15.8559	311.7
*	42 Acenaphthene-d10	164	11.683	11.682	(1.000)	289705	20.0000	
	43 3-Nitroaniline	138	11.716	11.709	(1.003)	40279	7.27342	143.0 (RM)
	44 Acenaphthene	153	11.732	11.730	(1.004)	288072	15.3161	301.1
	45 2,4-Dinitrophenol	184	11.870	11.869	(1.016)	124726	47.5574	935.0
	46 Dibenzofuran	168	11.993	11.992	(1.027)	408148	16.6616	327.6
	47 4-Nitrophenol	109	12.100	12.088	(1.036)	65022	16.6205	326.8
	48 2,4-Dinitrotoluene	165	12.116	12.120	(1.037)	99356	15.9583	313.7
	50 Diethylphthalate	149	12.581	12.585	(1.077)	323435	15.9993	314.6
	49 Fluorene	166	12.538	12.537	(1.073)	337492	16.1456	317.4
	51 4-Chlorophenyl-phenylether	204	12.597	12.595	(1.078)	160465	15.6520	307.7
	52 4-Nitroaniline	138	12.688	12.681	(1.086)	25940	4.69069	92.22 (R)
	53 4,6-Dinitro-2-methylphenol	198	12.757	12.756	(0.911)	163881	51.3058	1009
	54 N-Nitrosodiphenylamine	169	12.811	12.809	(0.915)	219859	22.7735	447.7
$	55 2,4,6-Tribromophenol	330	12.960	12.953	(1.109)	59090	23.6938	465.8
	56 4-Bromophenyl-phenylether	248	13.356	13.359	(0.954)	81581	16.7278	328.9
	57 Hexachlorobenzene	284	13.543	13.541	(0.967)	86672	17.0943	336.1
	58 Pentachlorophenol	266	13.858	13.856	(0.990)	57756	19.4948	383.3
*	59 Phenanthrene-d10	188	14.002	14.000	(1.000)	392842	20.0000	
	60 Phenanthrene	178	14.034	14.032	(1.002)	544491	20.0549	394.3
	61 Anthracene	178	14.103	14.102	(1.007)	459681	16.7436	329.2
	62 Carbazole	167	14.419	14.412	(1.030)	427127	18.1832	357.5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	63 Di-n-butylphthalate	149	15.204	15.197	(1.086)	551310	19.5250	383.9
	64 Fluoranthene	202	15.930	15.923	(1.138)	637495	21.6877	426.4
	65 Pyrene	202	16.267	16.260	(0.892)	624997	18.5443	364.6
$	66 Terphenyl-d14	244	16.646	16.634	(0.913)	300294	15.4341	303.4
	67 Butylbenzylphthalate	149	17.565	17.558	(0.964)	250450	17.7249	348.5
	68 Benzo(a)anthracene	228	18.206	18.199	(0.999)	545758	17.4611	343.3
*	69 Chrysene-d12	240	18.228	18.221	(1.000)	420545	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.281	18.258	(1.003)	7477	0.67369	13.25 (RM)
	71 Chrysene	228	18.265	18.258	(1.002)	553459	18.0017	353.9
	72 bis(2-Ethylhexyl)phthalate	149	18.585	18.578	(0.953)	354629	20.1041	395.3
*	134 Di-n-octylphthalate-d4	153	19.504	19.503	(1.000)	559864	20.0000	
	73 Di-n-octylphthalate	149	19.515	19.513	(1.001)	616958	19.1305	376.1
	74 Benzo(b)fluoranthene	252	19.825	19.818	(0.975)	586383	18.8414	370.4
	75 Benzo(k)fluoranthene	252	19.857	19.850	(0.976)	586436	17.8373	350.7
	76 Benzo(a)pyrene	252	20.252	20.245	(0.996)	466205	16.8205	330.7
*	77 Perylene-d12	264	20.338	20.325	(1.000)	457106	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	21.679	21.661	(1.066)	522221	17.1418	337.0
	79 Dibenzo(a,h)anthracene	278	21.705	21.693	(1.067)	462334	18.4780	363.3
	80 Benzo(g,h,i)perylene	276	21.956	21.944	(1.080)	296583	10.8082	212.5
	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	10.177	10.181	(1.148)	288678	16.7755	329.8
	111 Azobenzene (1,2-DP-Hydrazine)	77	12.837	12.841	(1.099)	492369	17.5582	345.2

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: nt4.i
Lab File ID: lr71emd2.d
Lab Smp Id: LR71EMSDRE
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info: 07-23292

Calibration Date: 01-NOV-2007
Calibration Time: 14:35
Client Smp ID: AN-SS-10-070928
Level: LOW
Sample Type: Sediment

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	145384	72692	290768	147079	1.17
27 Naphthalene-d8	530525	265262	1061050	543344	2.42
42 Acenaphthene-d10	280701	140350	561402	289705	3.21
59 Phenanthrene-d10	391934	195967	783868	392842	0.23
69 Chrysene-d12	354658	177329	709316	420545	18.58
134 Di-n-octylphthala	506314	253157	1012628	559864	10.58
77 Perylene-d12	400782	200391	801564	457106	14.05

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.82	6.32	7.32	6.82	0.02
27 Naphthalene-d8	8.87	8.37	9.37	8.87	-0.04
42 Acenaphthene-d10	11.68	11.18	12.18	11.68	0.01
59 Phenanthrene-d10	14.00	13.50	14.50	14.00	0.01
69 Chrysene-d12	18.22	17.72	18.72	18.23	0.04
134 Di-n-octylphthala	19.50	19.00	20.00	19.50	0.01
77 Perylene-d12	20.33	19.83	20.83	20.34	0.06

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/nt4.i/20071101.b/lr71emd2.d
Report Date: 02-Nov-2007 11:40

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: LR71EMSDRE
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info: 07-23292

Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-10-070928 MSD
Operator: VTS
SampleType: MSD
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	491.5	483.4	98.36*	45-89
4	Bis(2-Chloroethyl)	491.5	336.7	68.50	42-82
6	2-Chlorophenol	491.5	316.0	64.29	46-80
7	1,3-Dichlorobenzen	491.5	282.8	57.54	45-76
9	1,4-Dichlorobenzen	491.5	282.7	57.52	45-76
11	Benzyl alcohol	983.0	649.9	66.11	36-79
12	1,2-Dichlorobenzen	491.5	292.8	59.56	44-78
13	2-Methylphenol	491.5	344.0	70.00	47-82
14	2,2'-oxybis(1-Chlo	491.5	319.3	64.96	36-96
15	4-Methylphenol	983.0	729.9	74.25	47-86
16	N-Nitroso-di-n-pro	491.5	327.0	66.54	42-84
17	Hexachloroethane	491.5	245.7	49.99	40-77
19	Nitrobenzene	491.5	306.1	62.28	35-94
20	Isophorone	491.5	327.3	66.59	50-86
21	2-Nitrophenol	491.5	316.8	64.45	46-84
22	2,4-Dimethylphenol	491.5	306.9	62.43	30-76
23	Bis(2-Chloroethoxy	491.5	313.9	63.86	48-81
24	Benzoic acid	1475	977.8	66.31	39-103
25	2,4-Dichlorophenol	491.5	335.5	68.25	50-85
26	1,2,4-Trichloroben	491.5	291.3	59.26	45-81
28	Naphthalene	491.5	320.0	65.11	46-80
29	4-Chloroaniline	1180	47.93	4.06*	15-79
30	Hexachlorobutadien	491.5	282.0	57.37	44-79
31	4-Chloro-3-methylp	491.5	303.3	61.70	50-89
32	2-Methylnaphthalen	491.5	327.3	66.59	49-81
33	Hexachlorocyclopen	1475	185.5	12.58*	17-98
34	2,4,6-Trichlorophe	491.5	355.7	72.38	48-89
35	2,4,5-Trichlorophe	491.5	313.4	63.76	47-91
37	2-Chloronaphthalen	491.5	323.1	65.74	50-83
38	2-Nitroaniline	491.5	287.7	58.53	45-96
39	Dimethylphthalate	491.5	299.3	60.89	53-87
40	Acenaphthylene	491.5	308.6	62.78	51-84
41	2,6-Dinitrotoluene	491.5	311.7	63.42	49-95

OK

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
43	3-Nitroaniline	1258	143.0	11.36*	36-92
44	Acenaphthene	491.5	301.1	61.26	51-83
45	2,4-Dinitrophenol	1475	935.0	63.41	10-191
46	Dibenzofuran	491.5	327.6	66.65	50-86
47	4-Nitrophenol	491.5	326.8	66.48	44-98
48	2,4-Dinitrotoluene	491.5	313.7	63.83	50-98
49	Fluorene	491.5	317.4	64.58	52-86
50	Diethylphthalate	491.5	314.6	64.00	55-89
51	4-Chlorophenyl-phe	491.5	307.7	62.61	51-85
52	4-Nitroaniline	491.5	92.22	18.76*	30-87
53	4,6-Dinitro-2-meth	1475	1009	68.41	10-136
54	N-Nitrosodiphenyla	491.5	447.7	91.09	28-158
56	4-Bromophenyl-phen	491.5	328.9	66.91	50-90
57	Hexachlorobenzene	491.5	336.1	68.38	49-91
58	Pentachlorophenol	491.5	383.3	77.98	40-100
60	Phenanthrene	491.5	394.3	80.22	51-91
61	Anthracene	491.5	329.2	66.97	51-86
62	Carbazole	491.5	357.5	72.73	51-89
63	Di-n-butylphthalat	491.5	383.9	78.10	58-95
64	Fluoranthene	491.5	426.4	86.75	54-94
65	Pyrene	491.5	364.6	74.18	46-100
67	Butylbenzylphthala	491.5	348.5	70.90	51-99
68	Benzo(a)anthracene	491.5	343.3	69.84	52-90
70	3,3'-Dichlorobenzi	1258	13.25	1.05*	10-86
71	Chrysene	491.5	353.9	72.01	51-93
72	bis(2-Ethylhexyl)p	491.5	395.3	80.42	36-111
73	Di-n-octylphthalat	491.5	376.1	76.52	29-108
74	Benzo(b)fluoranthe	491.5	370.4	75.37	54-102
75	Benzo(k)fluoranthe	491.5	350.7	71.35	45-107
76	Benzo(a)pyrene	491.5	330.7	67.28	52-95
78	Indeno(1,2,3-cd)py	491.5	337.0	68.57	34-105
79	Dibenzo(a,h)anthra	491.5	363.3	73.91	36-112
80	Benzo(g,h,i)peryle	491.5	212.5	43.23	25-116

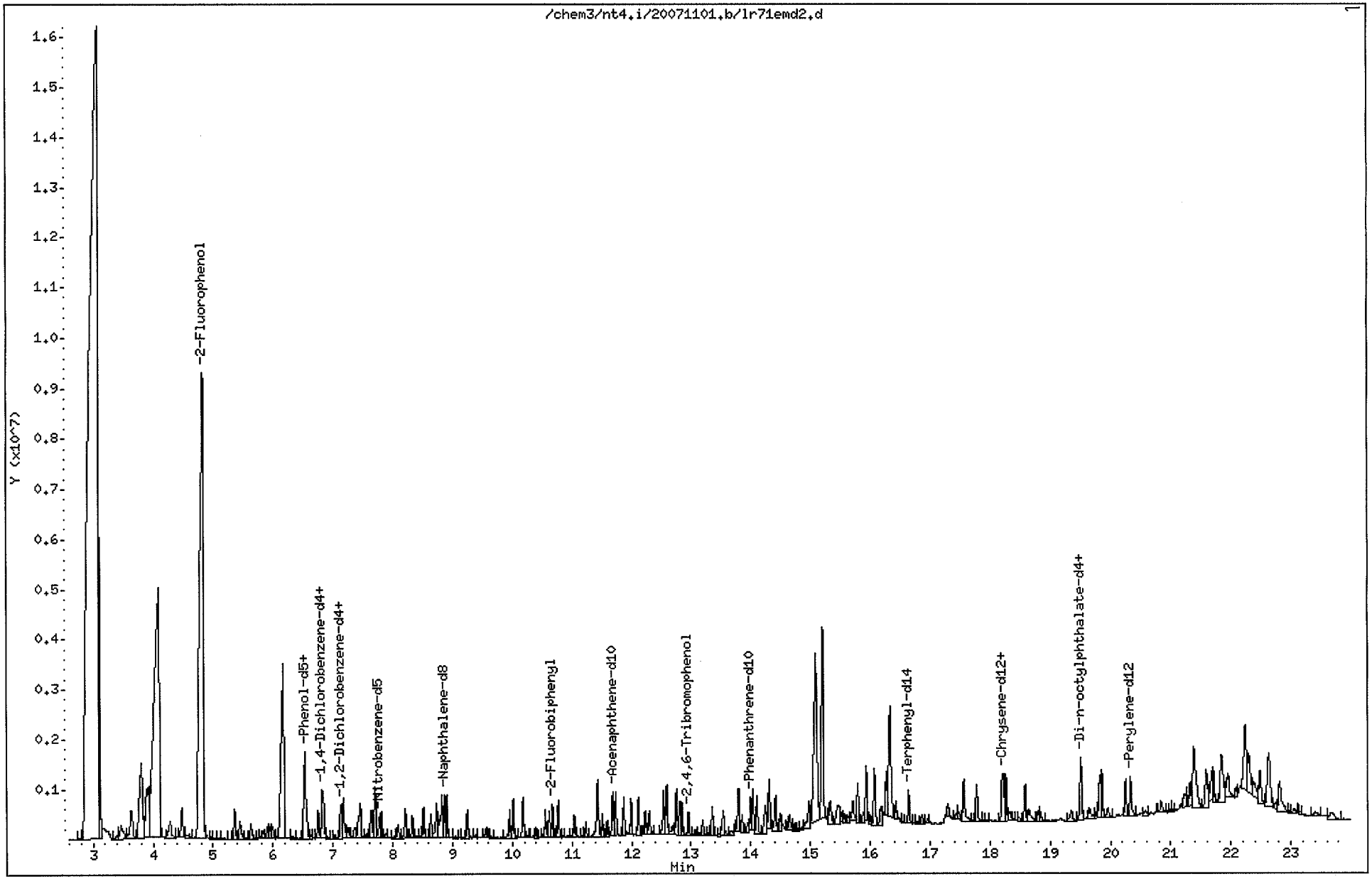
	SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	737.3	365.2	49.53	11-84
$ 2	Phenol-d5	737.3	472.2	64.04	25-86
$ 5	2-Chlorophenol-d4	737.3	465.5	63.15	23-91
$ 10	1,2-Dichlorobenzen	491.5	284.7	57.93	24-90
$ 18	Nitrobenzene-d5	491.5	299.4	60.91	26-88
$ 36	2-Fluorobiphenyl	491.5	310.6	63.20	34-91
$ 55	2,4,6-Tribromophen	737.3	465.8	63.18	25-107

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 66 Terphenyl-d14	491.5	303.4	61.74	22-100

Data File: /chem3/nt4.i/20071101.b/lr71emd2.d
Date : 01-NOV-2007 19:47
Client ID: AN-SS-10-070928 MSD
Sample Info: LR71EMSDRE
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: VTS
Column diameter: 0.32

1067



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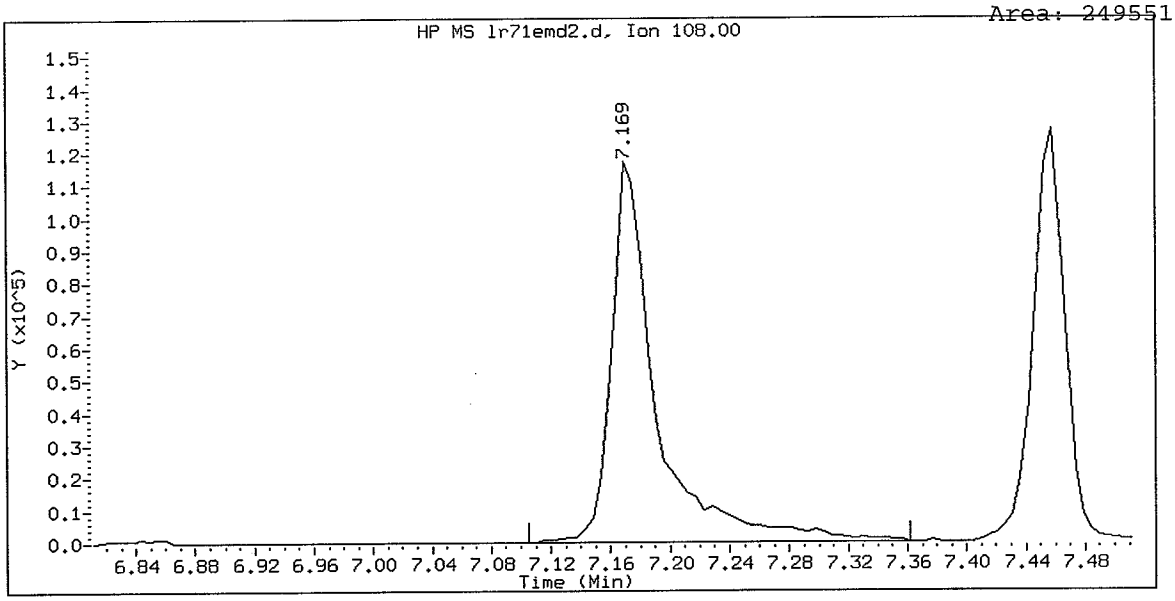
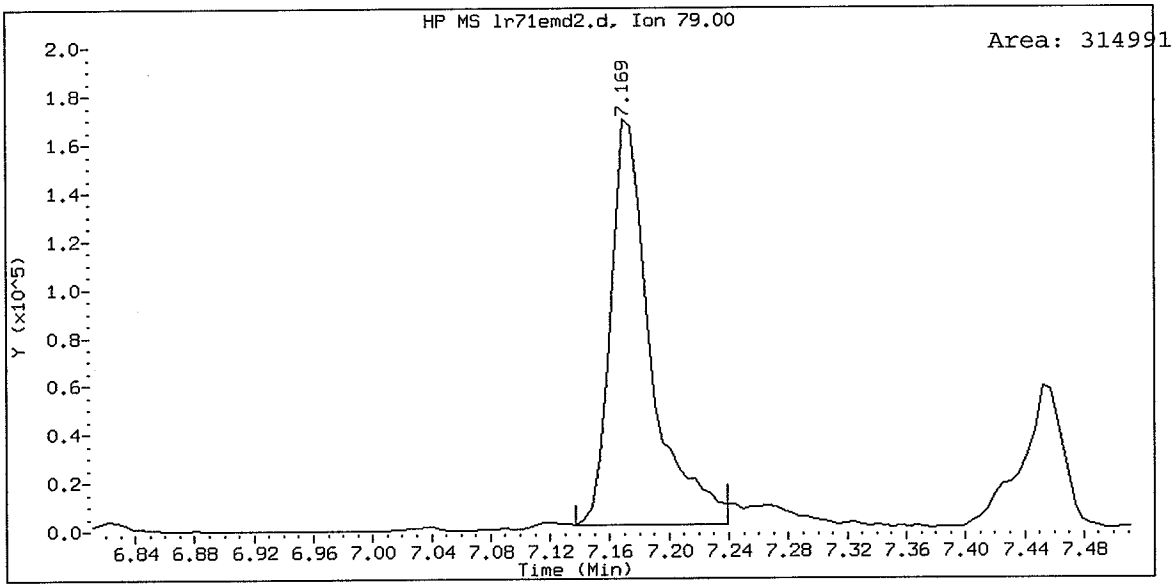
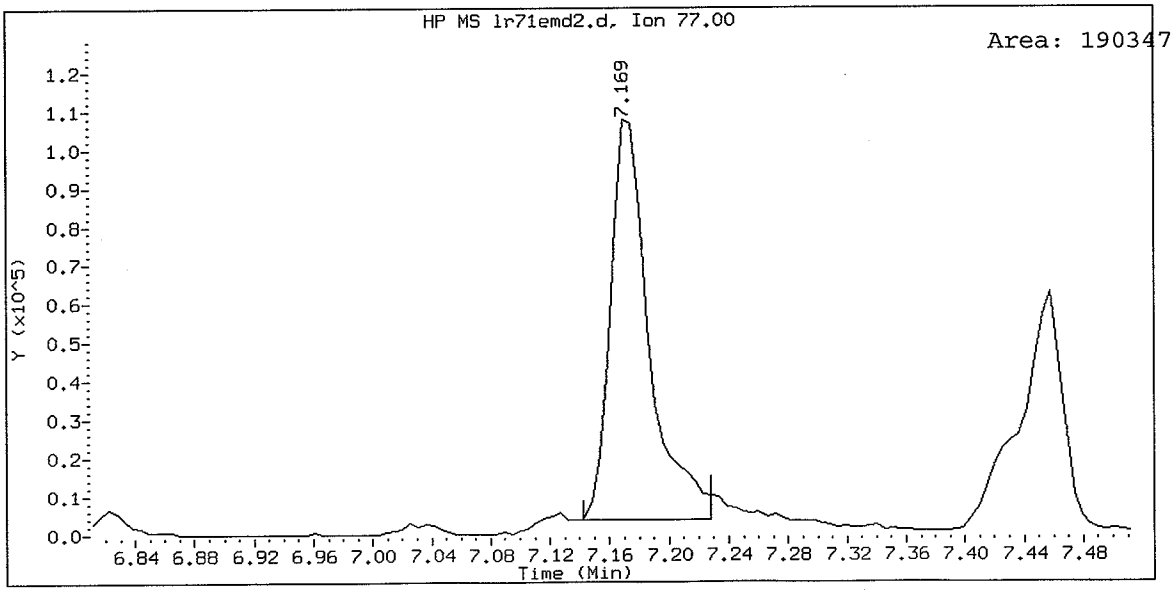
Benzyl alcohol Amount: 33.06







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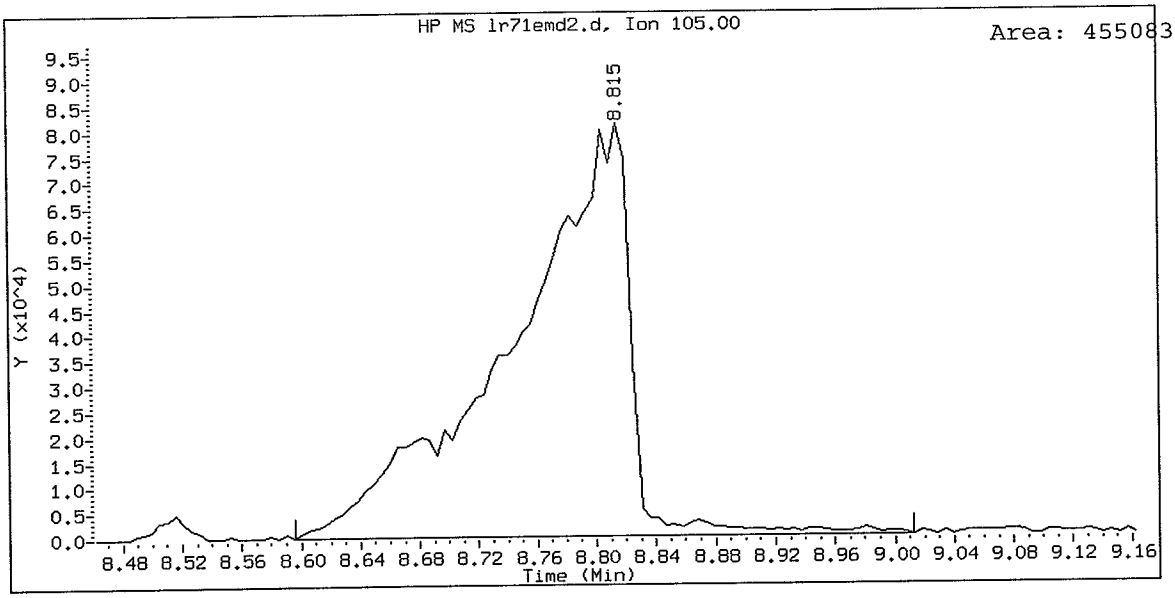
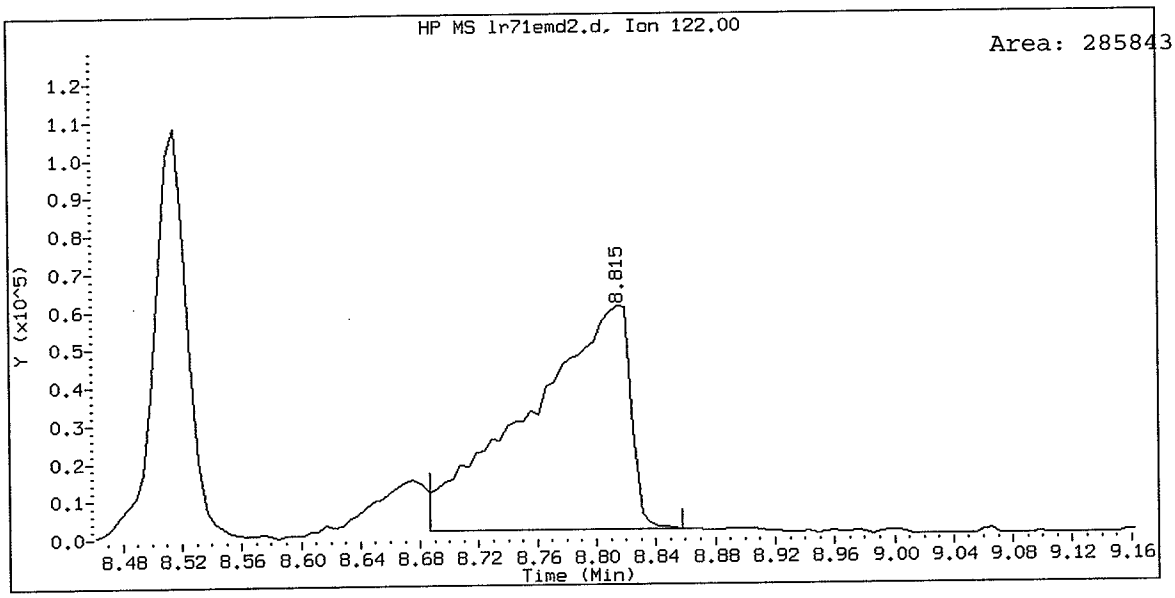
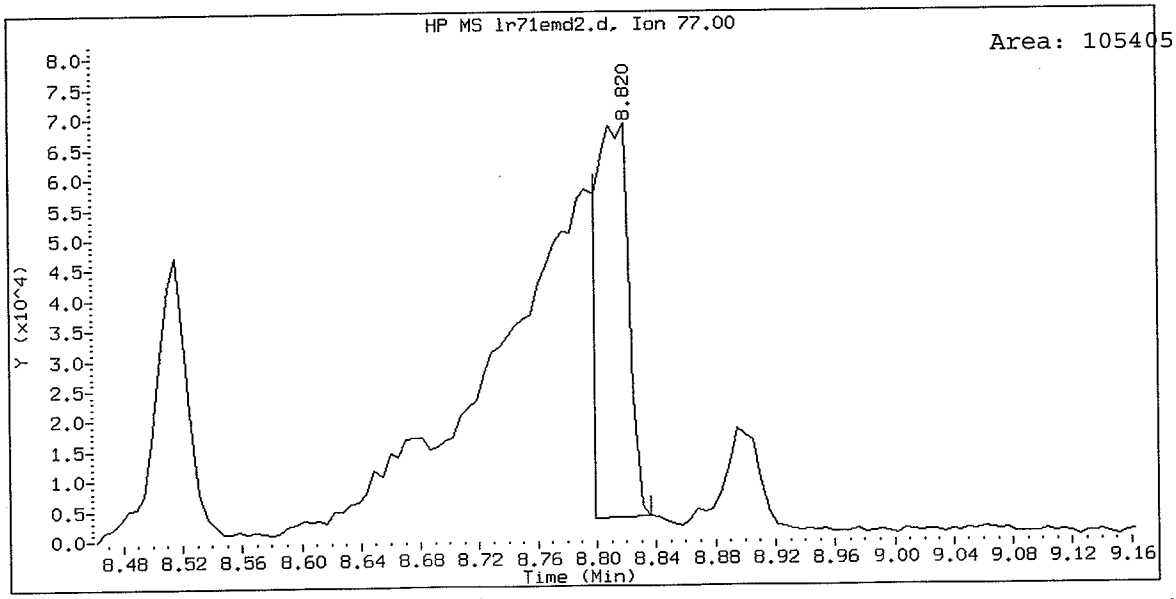
Benzoic acid Amount: 49.73







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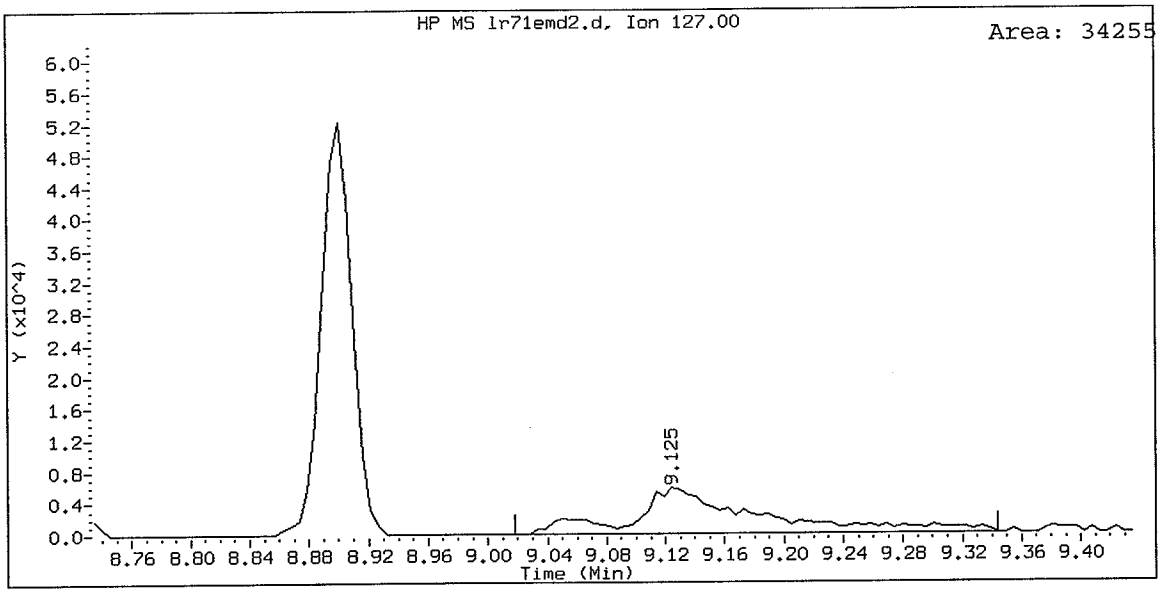
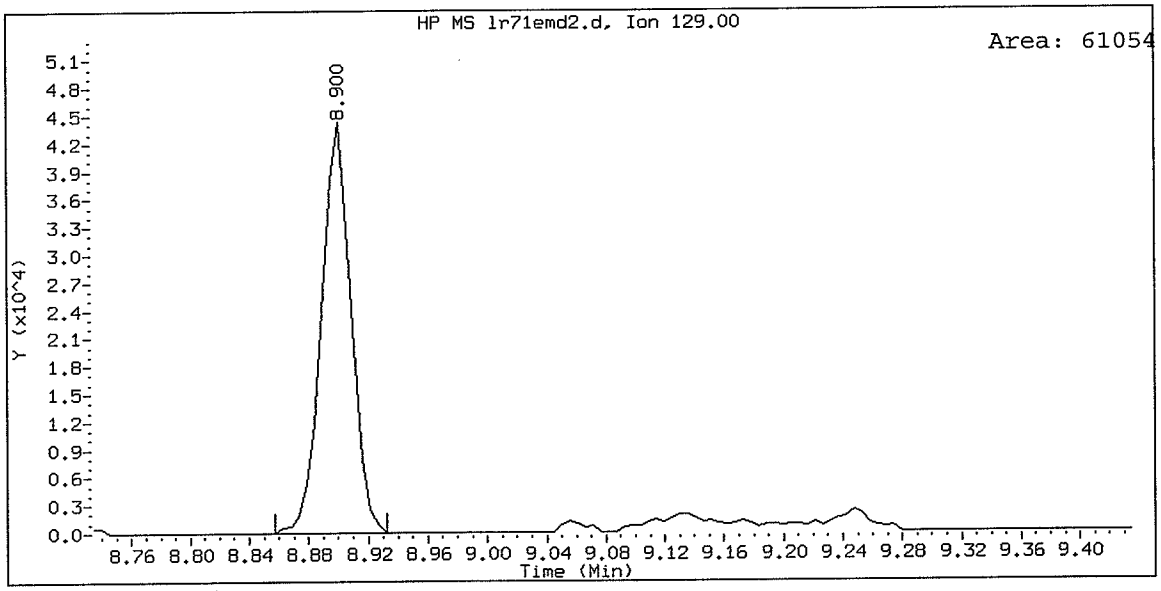
4-Chloroaniline Amount: 2.44





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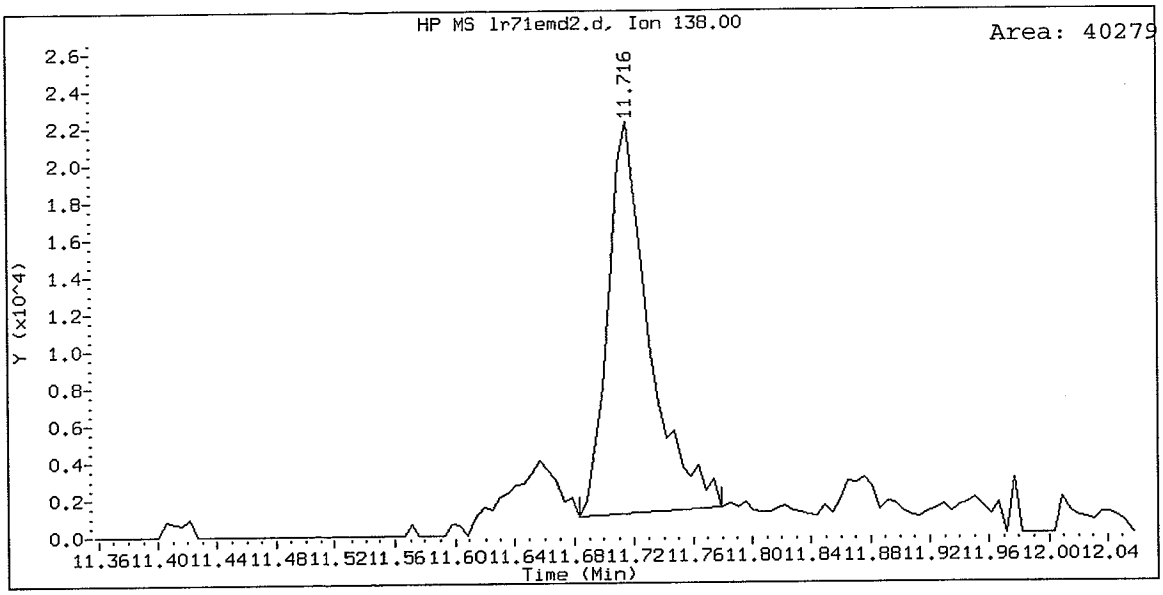
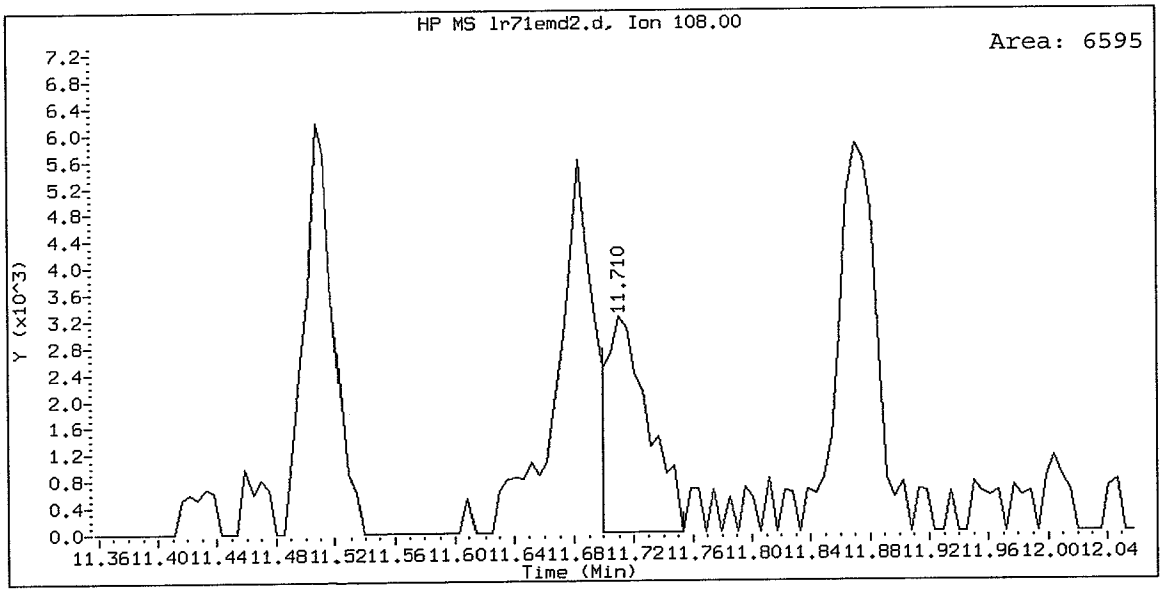
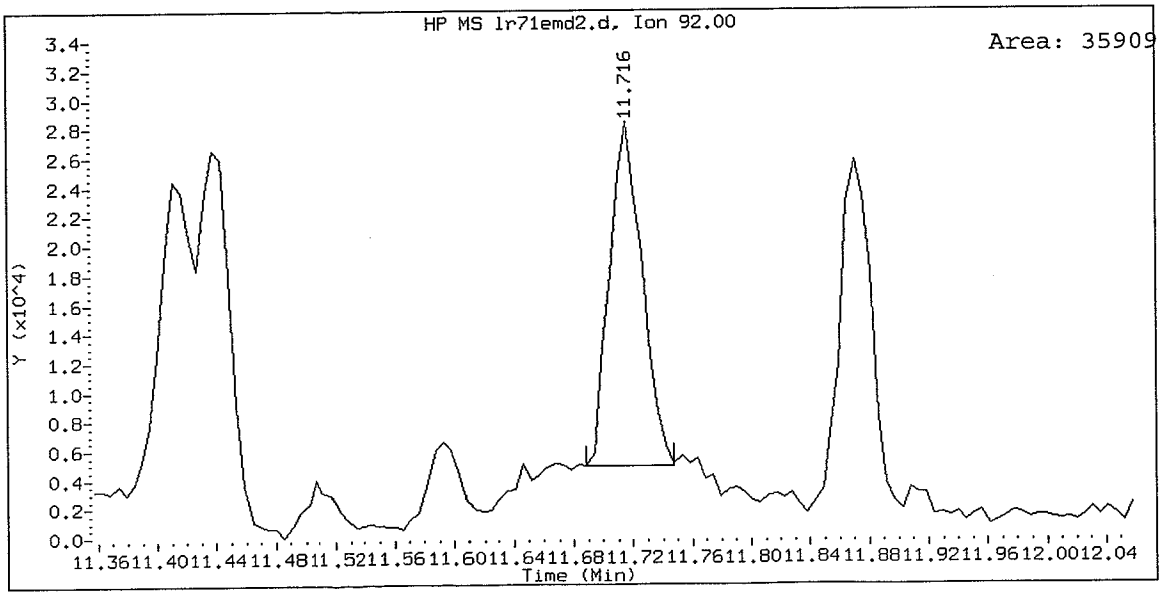
3-Nitroaniline Amount: 7.27







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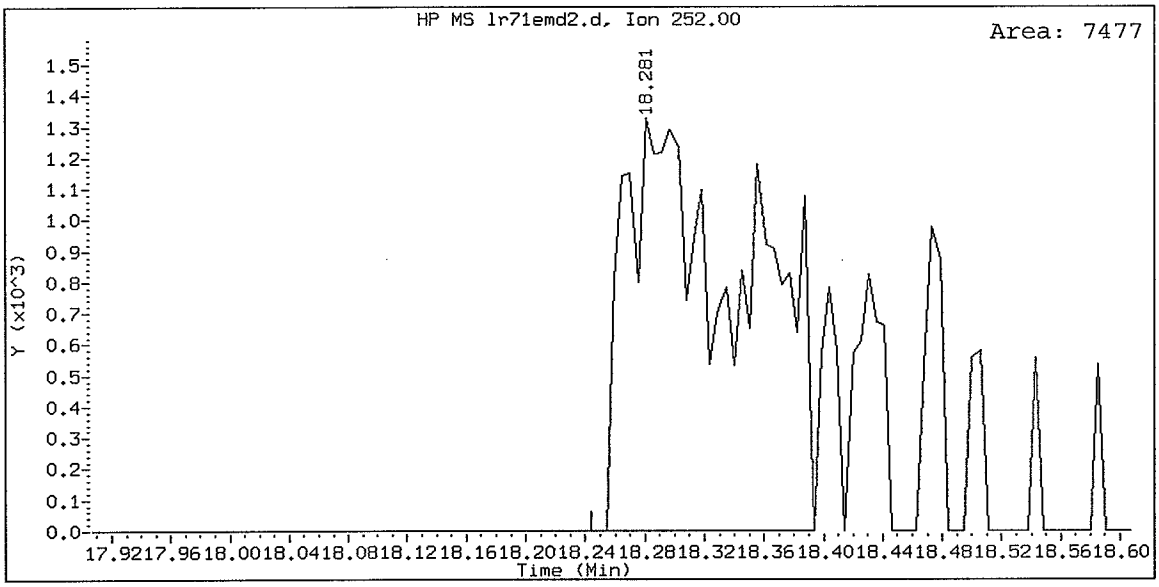
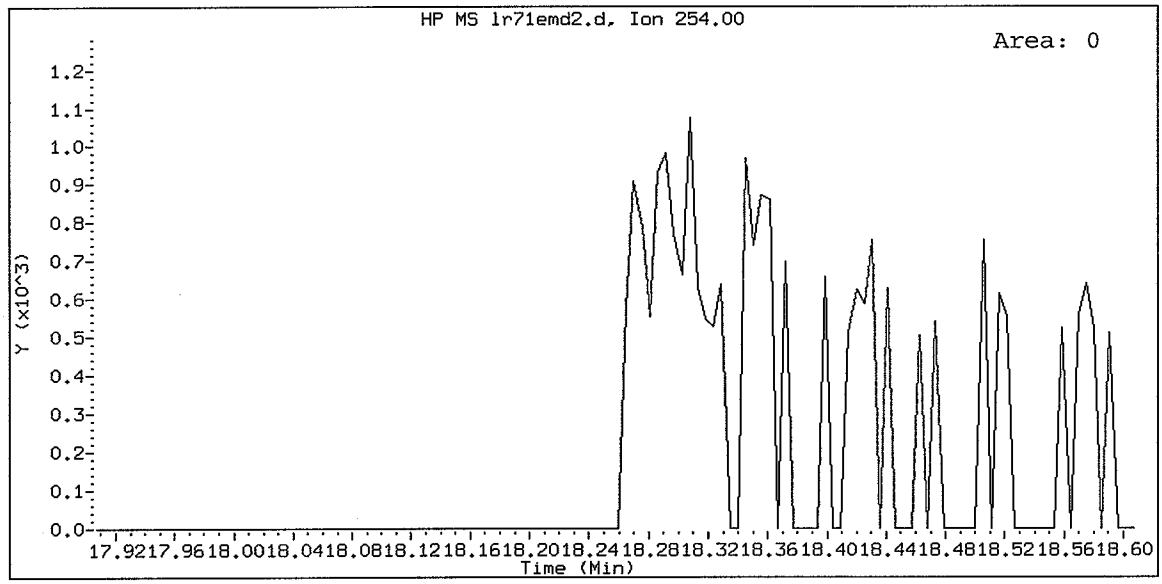
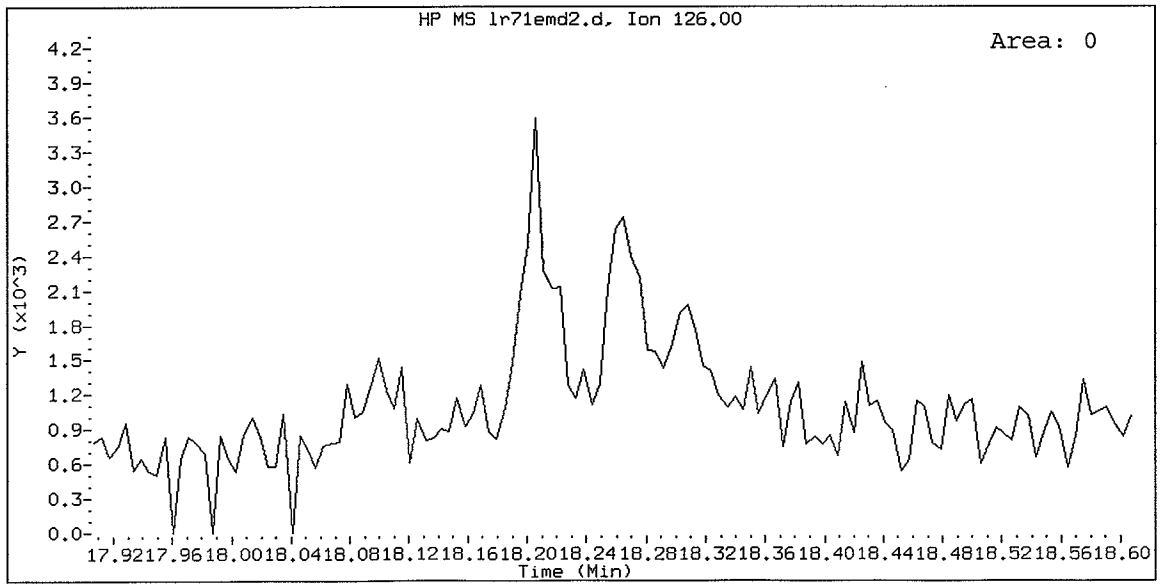
3,3'-Dichlorobenzidine Amount: 0.67







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071101.b/lu10sb.d
Lab Smp Id: LU10LCSS1 Client Smp ID: LU10LCSS1
Inj Date : 01-NOV-2007 15:37
Operator : VTS Inst ID: nt4.i
Smp Info : LU10LCSS1
Misc Info : 07-21929
Comment : 1ul Injection
Method : /chem3/nt4.i/20071101.b/SW846.m
Meth Date : 02-Nov-2007 11:40 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04 Cal File: 0801001.d
Als bottle: 4 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 11/2/07

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	50.00000	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	4.816	4.748	(0.706)	280168	20.0349	400.7
$	2 Phenol-d5	99	6.493	6.489	(0.952)	377892	24.1430	482.9
	3 Phenol	94	6.509	6.505	(0.955)	333628	17.9476	359.0
$	5 2-Chlorophenol-d4	132	6.525	6.521	(0.957)	273364	23.5446	470.9
	4 Bis(2-Chloroethyl)ether	93	6.531	6.532	(0.958)	234595	16.3767	327.5
	6 2-Chlorophenol	128	6.552	6.548	(0.961)	213923	15.9851	319.7
	7 1,3-Dichlorobenzene	146	6.750	6.746	(0.990)	199260	14.5464	290.9
*	8 1,4-Dichlorobenzene-d4	152	6.819	6.820	(1.000)	165263	20.0000	
	9 1,4-Dichlorobenzene	146	6.840	6.842	(1.003)	202028	14.6336	292.7
$	10 1,2-Dichlorobenzene-d4	152	7.118	7.114	(1.044)	104319	13.9639	279.3
	12 1,2-Dichlorobenzene	146	7.140	7.141	(1.047)	195562	15.1242	302.5
	11 Benzyl alcohol	108	7.161	7.162	(1.050)	281938	33.2376	664.8 (M)
	14 2,2'-oxybis(1-Chloropropane)	45	7.428	7.429	(1.089)	289979	16.6808	333.6
	13 2-Methylphenol	108	7.444	7.445	(1.092)	199664	16.2592	325.2
	17 Hexachloroethane	117	7.626	7.627	(1.118)	92889	14.8176	296.4

	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	7.642	7.643	(1.121)	187323	16.5108	330.2
	15 4-Methylphenol	108	7.695	7.686	(1.128)	451390	36.1127	722.3
$	18 Nitrobenzene-d5	82	7.770	7.771	(0.876)	244180	15.0895	301.8
	19 Nitrobenzene	77	7.802	7.803	(0.880)	275771	15.3795	307.6
	20 Isophorone	82	8.203	8.199	(0.925)	474836	16.7841	335.7
	21 2-Nitrophenol	139	8.320	8.322	(0.938)	109863	16.2204	324.4
	22 2,4-Dimethylphenol	107	8.507	8.509	(0.959)	183733	12.8137	256.3
	23 Bis(2-Chloroethoxy)methane	93	8.635	8.637	(0.974)	268178	15.7946	315.9
	24 Benzoic acid	105	8.822	8.813	(0.995)	560138	54.2174	1084 (M)
	25 2,4-Dichlorophenol	162	8.726	8.722	(0.984)	167241	17.2810	345.6
	26 1,2,4-Trichlorobenzene	180	8.822	8.829	(0.995)	168655	14.7422	294.8
*	27 Naphthalene-d8	136	8.871	8.872	(1.000)	613454	20.0000	
	28 Naphthalene	128	8.897	8.899	(1.003)	592200	15.7243	314.5
	29 4-Chloroaniline	127	9.084	9.086	(1.024)	473963	29.8747	597.5
	30 Hexachlorobutadiene	225	9.244	9.246	(1.042)	94092	14.2061	284.1
	31 4-Chloro-3-methylphenol	107	9.944	9.946	(1.121)	199824	16.7207	334.4
	32 2-Methylnaphthalene	141	10.014	10.015	(1.129)	311261	16.2240	324.5
	33 Hexachlorocyclopentadiene	237	10.404	10.405	(0.890)	219559	37.2499	745.0
	34 2,4,6-Trichlorophenol	196	10.548	10.549	(0.903)	114706	17.5962	351.9
	35 2,4,5-Trichlorophenol	196	10.607	10.608	(0.908)	116426	16.6842	333.7
$	36 2-Fluorobiphenyl	172	10.676	10.677	(0.914)	339950	15.1348	302.7
	37 2-Chloronaphthalene	162	10.772	10.774	(0.922)	340105	15.9993	320.0
	38 2-Nitroaniline	65	11.034	11.035	(0.944)	160992	17.4111	348.2
	39 Dimethylphthalate	163	11.440	11.436	(0.979)	391686	16.9293	338.6
	40 Acenaphthylene	152	11.429	11.431	(0.978)	545934	17.1602	343.2
	41 2,6-Dinitrotoluene	165	11.510	11.511	(0.985)	93332	17.6486	353.0
*	42 Acenaphthene-d10	164	11.686	11.682	(1.000)	325298	20.0000	
	43 3-Nitroaniline	138	11.713	11.709	(1.002)	255452	41.0813	821.6
	44 Acenaphthene	153	11.734	11.730	(1.004)	328983	15.5775	311.5
	45 2,4-Dinitrophenol	184	11.873	11.869	(1.016)	155764	52.8935	1058
	46 Dibenzofuran	168	11.990	11.992	(1.026)	467164	16.9841	339.7
	47 4-Nitrophenol	109	12.086	12.088	(1.034)	72823	16.5778	331.6
	48 2,4-Dinitrotoluene	165	12.119	12.120	(1.037)	120713	17.2671	345.3
	50 Diethylphthalate	149	12.583	12.585	(1.077)	389646	17.1656	343.3
	49 Fluorene	166	12.535	12.537	(1.073)	393885	16.7817	335.6
	51 4-Chlorophenyl-phenylether	204	12.594	12.595	(1.078)	189352	16.4488	329.0
	52 4-Nitroaniline	138	12.679	12.681	(1.085)	86141	13.8724	277.4
	53 4,6-Dinitro-2-methylphenol	198	12.754	12.756	(0.911)	209067	55.0074	1100
	54 N-Nitrosodiphenylamine	169	12.808	12.809	(0.915)	269161	23.4313	468.6
$	55 2,4,6-Tribromophenol	330	12.957	12.953	(1.109)	68201	24.3549	487.1
	56 4-Bromophenyl-phenylether	248	13.353	13.359	(0.954)	97367	16.7787	335.6
	57 Hexachlorobenzene	284	13.540	13.541	(0.967)	98234	16.2829	325.7
	58 Pentachlorophenol	266	13.855	13.856	(0.990)	63768	18.0893	361.8
*	59 Phenanthrene-d10	188	13.999	14.000	(1.000)	467434	20.0000	
	60 Phenanthrene	178	14.031	14.032	(1.002)	571948	17.7045	354.1
	61 Anthracene	178	14.100	14.102	(1.007)	545602	16.7019	334.0
	62 Carbazole	167	14.410	14.412	(1.029)	472553	16.9068	338.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	63 Di-n-butylphthalate	149	15.196	15.197	(1.085)	610351	18.1665	363.3
	64 Fluoranthene	202	15.922	15.923	(1.137)	586456	16.7675	335.4
	65 Pyrene	202	16.259	16.260	(0.892)	587651	19.3631	387.3
$	66 Terphenyl-d14	244	16.633	16.634	(0.913)	317182	18.1037	362.1
	67 Butylbenzylphthalate	149	17.551	17.558	(0.963)	254976	20.0394	400.8
	68 Benzo(a)anthracene	228	18.198	18.199	(0.999)	495143	17.5924	351.8
*	69 Chrysene-d12	240	18.219	18.221	(1.000)	378695	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.257	18.258	(1.002)	337337	33.7535	675.1
	71 Chrysene	228	18.257	18.258	(1.002)	496152	17.9211	358.4
	72 bis(2-Ethylhexyl)phthalate	149	18.577	18.578	(0.953)	339849	20.3562	407.1
*	134 Di-n-octylphthalate-d4	153	19.501	19.503	(1.000)	529884	20.0000	
	73 Di-n-octylphthalate	149	19.512	19.513	(1.001)	584875	19.1617	383.2
	74 Benzo(b)fluoranthene	252	19.811	19.818	(0.975)	517738	19.3909	387.8
	75 Benzo(k)fluoranthene	252	19.849	19.850	(0.977)	483729	17.1502	343.0
	76 Benzo(a)pyrene	252	20.244	20.245	(0.996)	424666	17.8594	357.2
*	77 Perylene-d12	264	20.324	20.325	(1.000)	392157	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	21.654	21.661	(1.065)	551373	21.0962	421.9
	79 Dibenzo(a,h)anthracene	278	21.692	21.693	(1.067)	468902	21.8443	436.9
	80 Benzo(g,h,i)perylene	276	21.932	21.944	(1.079)	327032	13.8916	277.8
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	6.381	6.377	(0.936)	560988	25.3034	506.1
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	10.179	10.181	(1.148)	311898	16.0534	321.1
	111 Azobenzene (1,2-DP-Hydrazine)	77	12.840	12.841	(1.099)	593413	18.8461	376.9

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: lu10sb.d
Lab Smp Id: LU10LCSS1
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info: 07-21929

Calibration Date: 01-NOV-2007
Calibration Time: 14:35
Client Smp ID: LU10LCSS1
Level: LOW
Sample Type: Solid

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	145384	72692	290768	165263	13.67
27 Naphthalene-d8	530525	265262	1061050	613454	15.63
42 Acenaphthene-d10	280701	140350	561402	325298	15.89
59 Phenanthrene-d10	391934	195967	783868	467434	19.26
69 Chrysene-d12	354658	177329	709316	378695	6.78
134 Di-n-octylphthala	506314	253157	1012628	529884	4.66
77 Perylene-d12	400782	200391	801564	392157	-2.15

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.82	6.32	7.32	6.82	-0.02
27 Naphthalene-d8	8.87	8.37	9.37	8.87	-0.01
42 Acenaphthene-d10	11.68	11.18	12.18	11.69	0.03
59 Phenanthrene-d10	14.00	13.50	14.50	14.00	-0.01
69 Chrysene-d12	18.22	17.72	18.72	18.22	-0.01
134 Di-n-octylphthala	19.50	19.00	20.00	19.50	-0.01
77 Perylene-d12	20.33	19.83	20.83	20.32	-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: Hart Crowser, Inc. Client SDG: LU10
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LU10LCSS1 Client Smp ID: LU10LCSS1
Level: LOW Operator: VTS
Data Type: MS DATA SampleType: LCS
SpikeList File: PSDDALCS.spk Quant Type: ISTD
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info: 07-21929

SPIKE	COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	500.0	359.0	71.79	45-89
4	Bis(2-Chloroethyl)	500.0	327.5	65.51	42-82
6	2-Chlorophenol	500.0	319.7	63.94	46-80
7	1,3-Dichlorobenzen	500.0	290.9	58.19	45-76
9	1,4-Dichlorobenzen	500.0	292.7	58.53	45-76
11	Benzyl alcohol	1000	664.8	66.48	36-79
12	1,2-Dichlorobenzen	500.0	302.5	60.50	44-78
13	2-Methylphenol	500.0	325.2	65.04	47-82
14	2,2'-oxybis(1-Chlo	500.0	333.6	66.72	36-96
15	4-Methylphenol	1000	722.3	72.23	47-86
16	N-Nitroso-di-n-pro	500.0	330.2	66.04	42-84
17	Hexachloroethane	500.0	296.4	59.27	40-77
19	Nitrobenzene	500.0	307.6	61.52	35-94
20	Isophorone	500.0	335.7	67.14	50-86
21	2-Nitrophenol	500.0	324.4	64.88	46-84
22	2,4-Dimethylphenol	500.0	256.3	51.25	30-76
23	Bis(2-Chloroethoxy	500.0	315.9	63.18	48-81
24	Benzoic acid	1500	1084	72.29	39-103
25	2,4-Dichlorophenol	500.0	345.6	69.12	50-85
26	1,2,4-Trichloroben	500.0	294.8	58.97	45-81
28	Naphthalene	500.0	314.5	62.90	46-80
29	4-Chloroaniline	1200	597.5	49.79	15-79
30	Hexachlorobutadien	500.0	284.1	56.82	44-79
31	4-Chloro-3-methylp	500.0	334.4	66.88	50-89
32	2-Methylnaphthalen	500.0	324.5	64.90	49-81
33	Hexachlorocyclopen	1500	745.0	49.67	17-98
34	2,4,6-Trichlorophe	500.0	351.9	70.38	48-89
35	2,4,5-Trichlorophe	500.0	333.7	66.74	47-91
37	2-Chloronaphthalen	500.0	320.0	64.00	50-83
38	2-Nitroaniline	500.0	348.2	69.64	45-96
39	Dimethylphthalate	500.0	338.6	67.72	53-87
40	Acenaphthylene	500.0	343.2	68.64	51-84
41	2,6-Dinitrotoluene	500.0	353.0	70.59	49-95

OK

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
43	3-Nitroaniline	1280	821.6	64.19	36-92
44	Acenaphthene	500.0	311.5	62.31	51-83
45	2,4-Dinitrophenol	1500	1058	70.52	10-191
46	Dibenzofuran	500.0	339.7	67.94	50-86
47	4-Nitrophenol	500.0	331.6	66.31	44-98
48	2,4-Dinitrotoluene	500.0	345.3	69.07	50-98
49	Fluorene	500.0	335.6	67.13	52-86
50	Diethylphthalate	500.0	343.3	68.66	55-89
51	4-Chlorophenyl-phe	500.0	329.0	65.80	51-85
52	4-Nitroaniline	500.0	277.4	55.49	30-87
53	4,6-Dinitro-2-meth	1500	1100	73.34	10-136
54	N-Nitrosodiphenyla	500.0	468.6	93.73	28-158
56	4-Bromophenyl-phen	500.0	335.6	67.11	50-90
57	Hexachlorobenzene	500.0	325.7	65.13	49-91
58	Pentachlorophenol	500.0	361.8	72.36	40-100
60	Phenanthrene	500.0	354.1	70.82	51-91
61	Anthracene	500.0	334.0	66.81	51-86
62	Carbazole	500.0	338.1	67.63	51-89
63	Di-n-butylphthalat	500.0	363.3	72.67	58-95
64	Fluoranthene	500.0	335.4	67.07	54-94
65	Pyrene	500.0	387.3	77.45	46-100
67	Butylbenzylphthala	500.0	400.8	80.16	51-99
68	Benzo(a)anthracene	500.0	351.8	70.37	52-90
70	3,3'-Dichlorobenzi	1280	675.1	52.74	10-86
71	Chrysene	500.0	358.4	71.68	51-93
72	bis(2-Ethylhexyl)p	500.0	407.1	81.42	36-111
73	Di-n-octylphthalat	500.0	383.2	76.65	29-108
74	Benzo(b)fluoranthe	500.0	387.8	77.56	54-102
75	Benzo(k)fluoranthe	500.0	343.0	68.60	45-107
76	Benzo(a)pyrene	500.0	357.2	71.44	52-95
78	Indeno(1,2,3-cd)py	500.0	421.9	84.38	34-105
79	Dibenzo(a,h)anthra	500.0	436.9	87.38	36-112
80	Benzo(g,h,i)peryle	500.0	277.8	55.57	25-116

OK

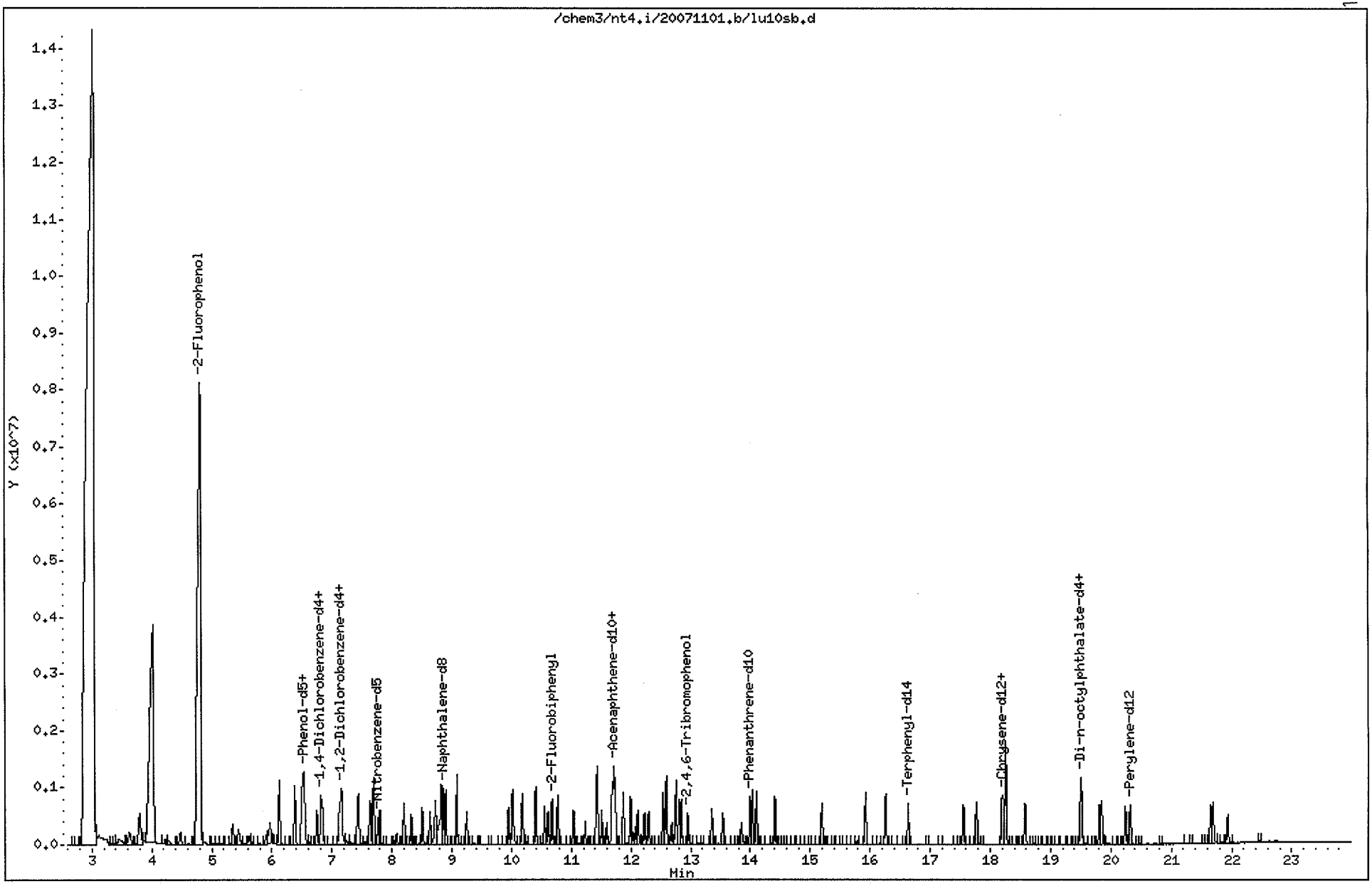
	SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	750.0	400.7	53.43	11-84
$ 2	Phenol-d5	750.0	482.9	64.38	25-86
$ 5	2-Chlorophenol-d4	750.0	470.9	62.79	23-91
$ 10	1,2-Dichlorobenzen	500.0	279.3	55.86	24-90
$ 18	Nitrobenzene-d5	500.0	301.8	60.36	26-88
$ 36	2-Fluorobiphenyl	500.0	302.7	60.54	34-91
$ 55	2,4,6-Tribromophen	750.0	487.1	64.95	25-107

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 66 Terphenyl-d14	500.0	362.1	72.41	22-100

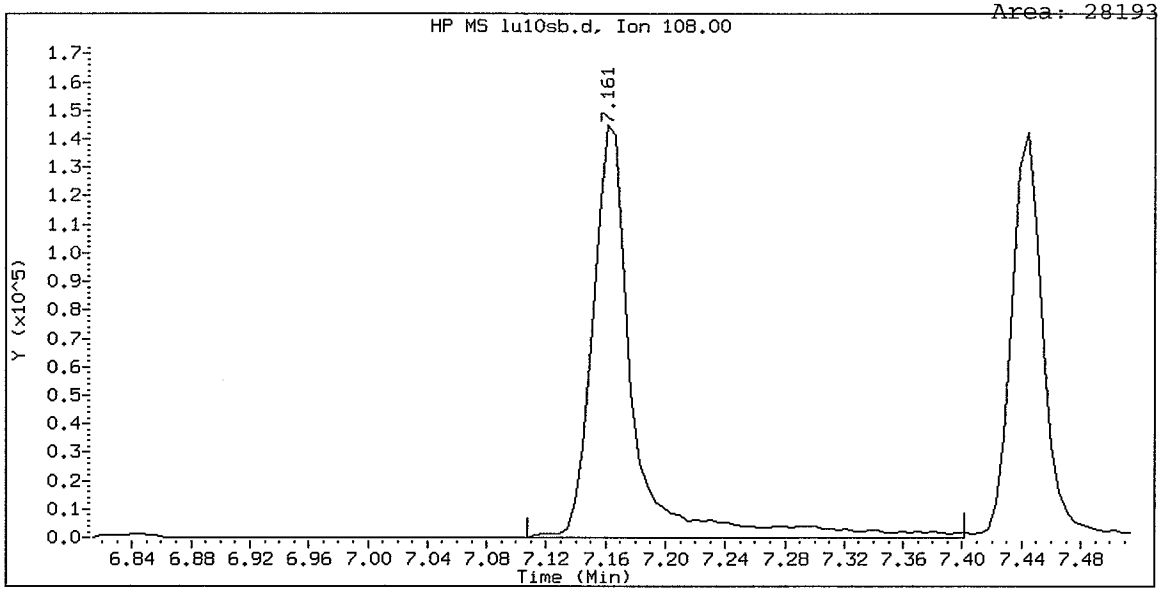
Data File: /chem3/nt4.i/20071101.b/lu10sb.d
Date : 01-NOV-2007 15:37
Client ID: LU10LCSS1
Sample Info: LU10LCSS1
Volume Injected (uL): 1.0
Column phase: ZB-5

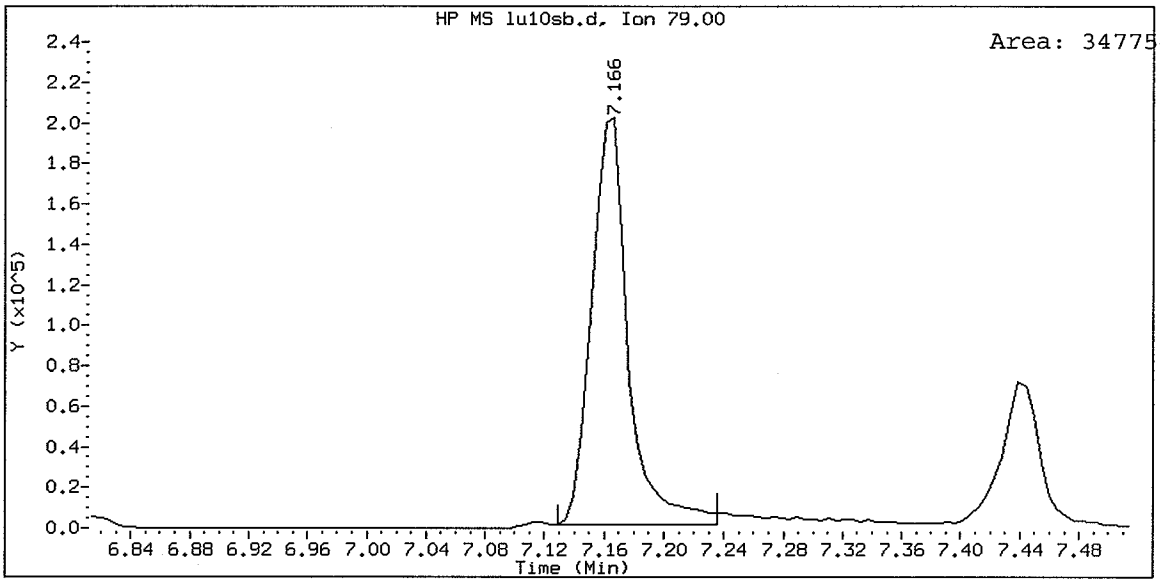
Instrument: nt4.i
Operator: VTS
Column diameter: 0.32

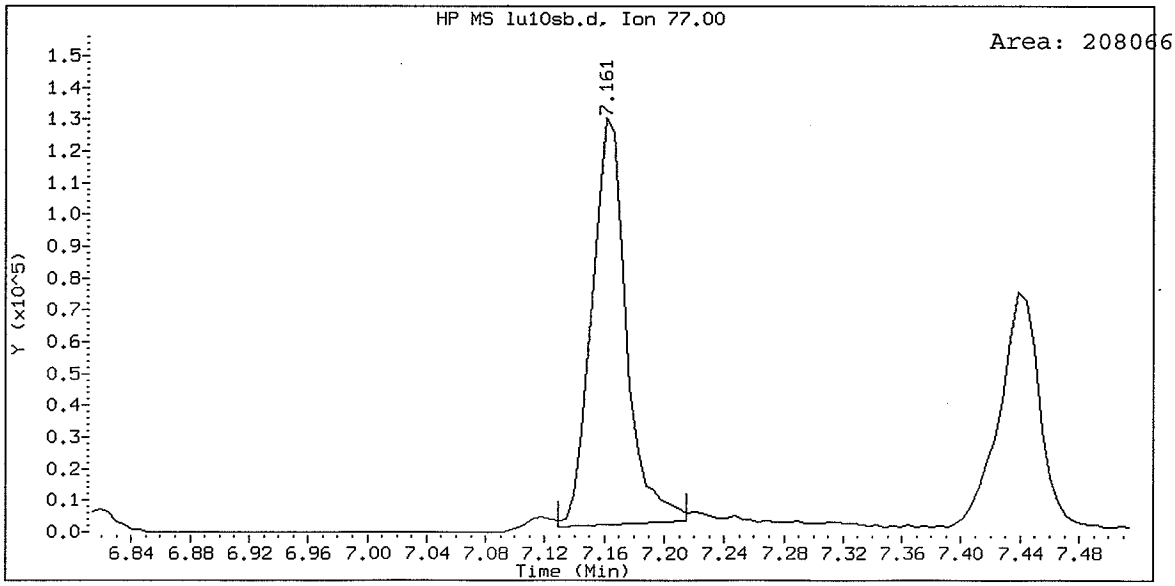
1080



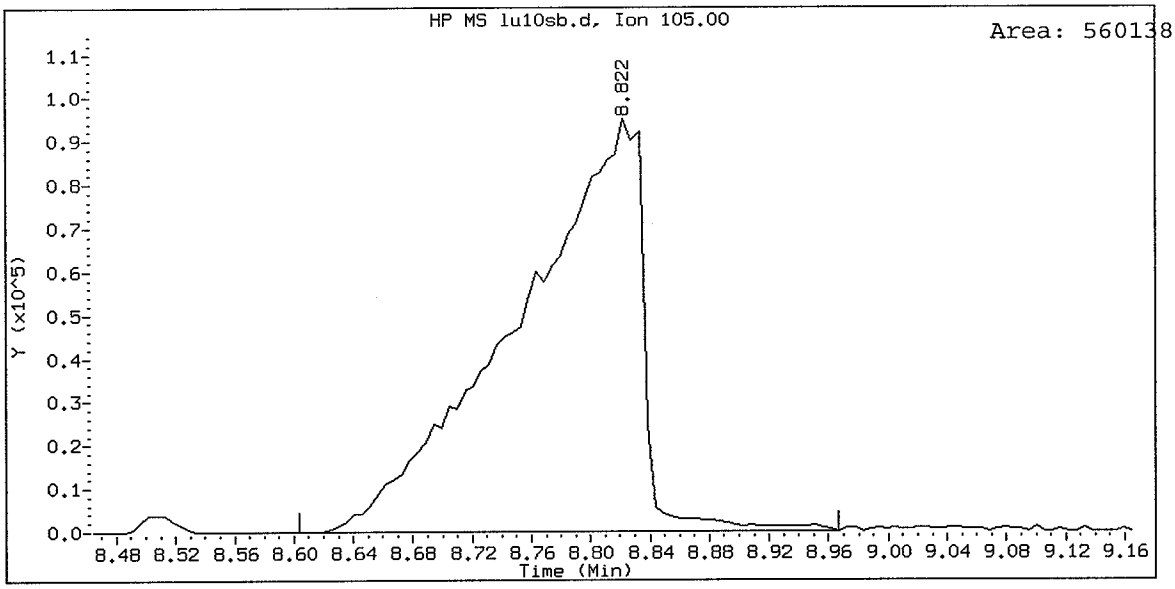
LU10LCSS1, /chem3/nt4.i/20071101.b/lu10sb.d
Benzyl alcohol Amount: 33.24

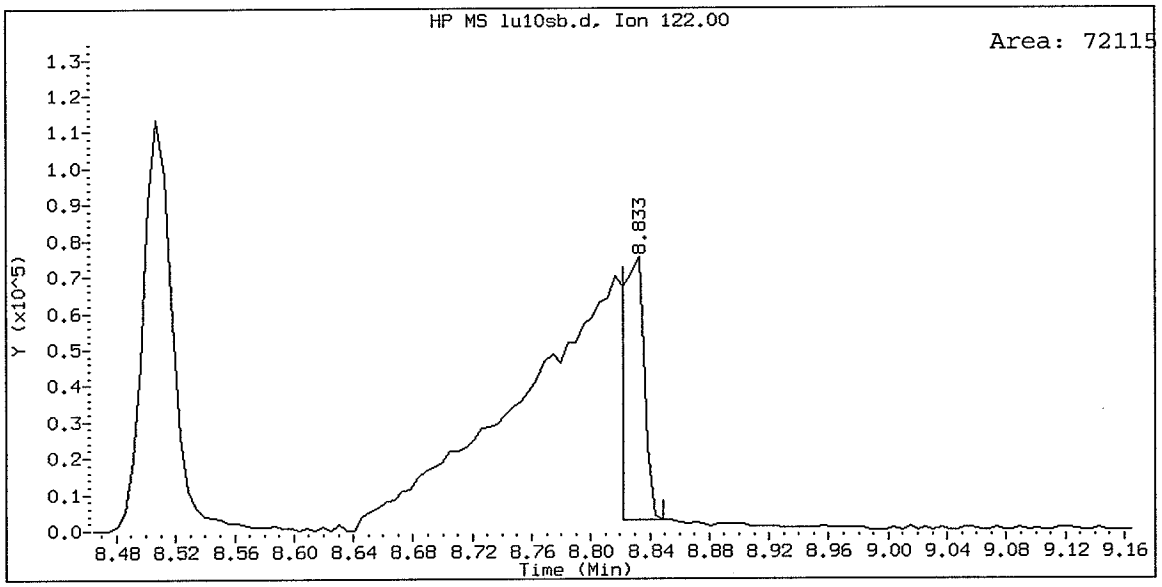


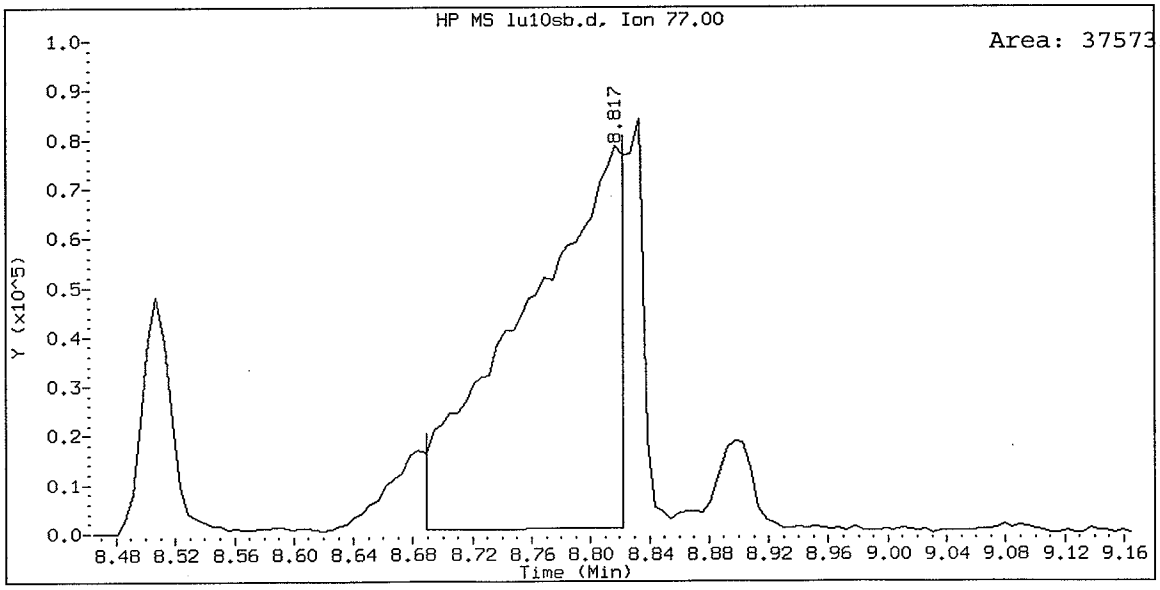




LU10LCSS1, /chem3/nt4.i/20071101.b/lu10sb.d
Benzoic acid Amount: 54.22







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071101.b/lu10sbd.d
Lab Smp Id: LU10LCSDS1 Client Smp ID: LU10LCSDS1
Inj Date : 01-NOV-2007 16:08
Operator : VTS Inst ID: nt4.i
Smp Info : LU10LCSDS1
Misc Info : 07-21929
Comment : 1ul Injection
Method : /chem3/nt4.i/20071101.b/SW846.m
Meth Date : 02-Nov-2007 11:40 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04 Cal File: 0801001.d
Als bottle: 5 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LTR 11/2/07

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	50.00000	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	4.823	4.748	(0.707)	257126	18.6921	373.8
$ 2	Phenol-d5	99	6.490	6.489	(0.951)	356745	23.1699	463.4
3	Phenol	94	6.511	6.505	(0.955)	314160	17.1806	343.6
$ 5	2-Chlorophenol-d4	132	6.527	6.521	(0.957)	261083	22.8598	457.2
4	Bis(2-Chloroethyl)ether	93	6.533	6.532	(0.958)	220191	15.6261	312.5
6	2-Chlorophenol	128	6.549	6.548	(0.960)	205480	15.6089	312.2
7	1,3-Dichlorobenzene	146	6.746	6.746	(0.989)	189970	14.0982	282.0
* 8	1,4-Dichlorobenzene-d4	152	6.821	6.820	(1.000)	162567	20.0000	
9	1,4-Dichlorobenzene	146	6.842	6.842	(1.003)	193235	14.2289	284.6
$ 10	1,2-Dichlorobenzene-d4	152	7.115	7.114	(1.043)	98069	13.3450	266.9
12	1,2-Dichlorobenzene	146	7.142	7.141	(1.047)	185907	14.6159	292.3
11	Benzyl alcohol	108	7.163	7.162	(1.050)	260707	31.2444	624.9(M)
14	2,2'-oxybis(1-Chloropropane)	45	7.425	7.429	(1.088)	277775	16.2438	324.9
13	2-Methylphenol	108	7.441	7.445	(1.091)	192990	15.9763	319.5
17	Hexachloroethane	117	7.628	7.627	(1.118)	87749	14.2298	284.6

	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	7.644	7.643	(1.121)	180863	16.2058	324.1
	15 4-Methylphenol	108	7.692	7.686	(1.128)	428449	34.8458	696.9
$	18 Nitrobenzene-d5	82	7.772	7.771	(0.876)	233406	14.5277	290.6
	19 Nitrobenzene	77	7.799	7.803	(0.880)	260703	14.6440	292.9
	20 Isophorone	82	8.199	8.199	(0.925)	454264	16.1727	323.5
	21 2-Nitrophenol	139	8.322	8.322	(0.939)	106810	15.8833	317.7
	22 2,4-Dimethylphenol	107	8.509	8.509	(0.960)	177180	12.4457	248.9
	23 Bis(2-Chloroethoxy)methane	93	8.632	8.637	(0.973)	260448	15.4499	309.0
	24 Benzoic acid	105	8.824	8.813	(0.995)	531337	51.8003	1036 (M)
	25 2,4-Dichlorophenol	162	8.723	8.722	(0.984)	153906	16.0177	320.4
	26 1,2,4-Trichlorobenzene	180	8.824	8.829	(0.995)	160161	14.1006	282.0
*	27 Naphthalene-d8	136	8.867	8.872	(1.000)	609064	20.0000	
	28 Naphthalene	128	8.899	8.899	(1.004)	561430	15.0147	300.3
	29 4-Chloroaniline	127	9.086	9.086	(1.025)	474844	30.1460	602.9
	30 Hexachlorobutadiene	225	9.246	9.246	(1.043)	90712	13.7945	275.9
	31 4-Chloro-3-methylphenol	107	9.946	9.946	(1.122)	192217	16.2001	324.0
	32 2-Methylnaphthalene	141	10.016	10.015	(1.130)	291249	15.2903	305.8
	33 Hexachlorocyclopentadiene	237	10.406	10.405	(0.891)	208036	35.0754	701.5
	34 2,4,6-Trichlorophenol	196	10.550	10.549	(0.903)	105729	16.1182	322.4
	35 2,4,5-Trichlorophenol	196	10.609	10.608	(0.908)	113025	16.0961	321.9
$	36 2-Fluorobiphenyl	172	10.673	10.677	(0.914)	329994	14.6002	292.0
	37 2-Chloronaphthalene	162	10.774	10.774	(0.922)	325346	15.2098	304.2
	38 2-Nitroaniline	65	11.036	11.035	(0.945)	153572	16.5053	330.1
	39 Dimethylphthalate	163	11.437	11.436	(0.979)	374185	16.0723	321.4
	40 Acenaphthylene	152	11.431	11.431	(0.978)	511754	15.9858	319.7
	41 2,6-Dinitrotoluene	165	11.511	11.511	(0.985)	87719	16.4840	329.7
*	42 Acenaphthene-d10	164	11.682	11.682	(1.000)	327334	20.0000	
	43 3-Nitroaniline	138	11.714	11.709	(1.003)	247817	39.6055	792.1
	44 Acenaphthene	153	11.730	11.730	(1.004)	318088	14.9679	299.4
	45 2,4-Dinitrophenol	184	11.869	11.869	(1.016)	149829	50.5617	1011
	46 Dibenzofuran	168	11.992	11.992	(1.027)	450244	16.2671	325.3
	47 4-Nitrophenol	109	12.083	12.088	(1.034)	69821	15.7956	315.9
	48 2,4-Dinitrotoluene	165	12.120	12.120	(1.037)	115284	16.3880	327.8
	50 Diethylphthalate	149	12.585	12.585	(1.077)	371444	16.2619	325.2
	49 Fluorene	166	12.537	12.537	(1.073)	375303	15.8905	317.8
	51 4-Chlorophenyl-phenylether	204	12.596	12.595	(1.078)	179631	15.5073	310.1
	52 4-Nitroaniline	138	12.681	12.681	(1.085)	83394	13.3465	266.9
	53 4,6-Dinitro-2-methylphenol	198	12.756	12.756	(0.911)	210181	54.8922	1098
	54 N-Nitrosodiphenylamine	169	12.810	12.809	(0.915)	258539	22.3404	446.8
$	55 2,4,6-Tribromophenol	330	12.954	12.953	(1.109)	68013	24.1367	482.7
	56 4-Bromophenyl-phenylether	248	13.354	13.359	(0.954)	92984	15.9051	318.1
	57 Hexachlorobenzene	284	13.536	13.541	(0.967)	96440	15.8675	317.4
	58 Pentachlorophenol	266	13.851	13.856	(0.990)	60213	16.9547	339.1
*	59 Phenanthrene-d10	188	13.996	14.000	(1.000)	470911	20.0000	
	60 Phenanthrene	178	14.033	14.032	(1.003)	547488	16.8222	336.4
	61 Anthracene	178	14.102	14.102	(1.008)	531357	16.1457	322.9
	62 Carbazole	167	14.412	14.412	(1.030)	472596	16.7835	335.7

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	63 Di-n-butylphthalate	149	15.198	15.197	(1.086)	591291	17.4693	349.4
	64 Fluoranthene	202	15.924	15.923	(1.138)	575437	16.3310	326.6
	65 Pyrene	202	16.255	16.260	(0.892)	571736	18.3951	367.9
$	66 Terphenyl-d14	244	16.635	16.634	(0.913)	311891	17.3825	347.7
	67 Butylbenzylphthalate	149	17.553	17.558	(0.963)	248678	19.0843	381.7
	68 Benzo(a)anthracene	228	18.194	18.199	(0.999)	485113	16.8302	336.6
*	69 Chrysene-d12	240	18.221	18.221	(1.000)	387827	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.253	18.258	(1.002)	324173	31.6726	633.5
	71 Chrysene	228	18.253	18.258	(1.002)	486422	17.1560	343.1
	72 bis(2-Ethylhexyl)phthalate	149	18.579	18.578	(0.953)	327388	19.5771	391.5
*	134 Di-n-octylphthalate-d4	153	19.503	19.503	(1.000)	530771	20.0000	
	73 Di-n-octylphthalate	149	19.509	19.513	(1.000)	552127	18.0586	361.2
	74 Benzo(b)fluoranthene	252	19.813	19.818	(0.975)	475317	17.8425	356.8
	75 Benzo(k)fluoranthene	252	19.845	19.850	(0.977)	488685	17.3652	347.3
	76 Benzo(a)pyrene	252	20.241	20.245	(0.996)	413709	17.4380	348.8
*	77 Perylene-d12	264	20.321	20.325	(1.000)	391270	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	21.656	21.661	(1.066)	449068	17.2209	344.4
	79 Dibenzo(a,h)anthracene	278	21.688	21.693	(1.067)	446645	20.8546	417.1
	80 Benzo(g,h,i)perylene	276	21.934	21.944	(1.079)	314073	13.3714	267.4
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	6.383	6.377	(0.936)	543673	24.9291	498.6
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	10.176	10.181	(1.148)	295344	15.3109	306.2
	111 Azobenzene (1,2-DP-Hydrazine)	77	12.836	12.841	(1.099)	561498	17.7216	354.4

QC Flag Legend

M - Compound response manually integrated.

Data File: /chem3/nt4.i/20071101.b/lu10sbd.d
Report Date: 02-Nov-2007 11:40

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: lu10sbd.d
Lab Smp Id: LU10LCSDS1
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info: 07-21929

Calibration Date: 01-NOV-2007
Calibration Time: 14:35
Client Smp ID: LU10LCSDS1
Level: LOW
Sample Type: Solid

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	145384	72692	290768	162567	11.82
27 Naphthalene-d8	530525	265262	1061050	609064	14.80
42 Acenaphthene-d10	280701	140350	561402	327334	16.61
59 Phenanthrene-d10	391934	195967	783868	470911	20.15
69 Chrysene-d12	354658	177329	709316	387827	9.35
134 Di-n-octylphthala	506314	253157	1012628	530771	4.82
77 Perylene-d12	400782	200391	801564	391270	-2.37

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.82	6.32	7.32	6.82	0.01
27 Naphthalene-d8	8.87	8.37	9.37	8.87	-0.05
42 Acenaphthene-d10	11.68	11.18	12.18	11.68	0.01
59 Phenanthrene-d10	14.00	13.50	14.50	14.00	-0.03
69 Chrysene-d12	18.22	17.72	18.72	18.22	0.00
134 Di-n-octylphthala	19.50	19.00	20.00	19.50	0.00
77 Perylene-d12	20.33	19.83	20.83	20.32	-0.02

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/nt4.i/20071101.b/lu10sbd.d
Report Date: 02-Nov-2007 11:40

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Hart Crowser, Inc.
Sample Matrix: SOLID
Lab Smp Id: LU10LCSDS1
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info: 07-21929

Client SDG: LU10
Fraction: SV
Client Smp ID: LU10LCSDS1
Operator: VTS
SampleType: LCSD
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	500.0	343.6	68.72	45-89
4	Bis(2-Chloroethyl)	500.0	312.5	62.50	42-82
6	2-Chlorophenol	500.0	312.2	62.44	46-80
7	1,3-Dichlorobenzen	500.0	282.0	56.39	45-76
9	1,4-Dichlorobenzen	500.0	284.6	56.92	45-76
11	Benzyl alcohol	1000	624.9	62.49	36-79
12	1,2-Dichlorobenzen	500.0	292.3	58.46	44-78
13	2-Methylphenol	500.0	319.5	63.91	47-82
14	2,2'-oxybis(1-Chlo	500.0	324.9	64.98	36-96
15	4-Methylphenol	1000	696.9	69.69	47-86
16	N-Nitroso-di-n-pro	500.0	324.1	64.82	42-84
17	Hexachloroethane	500.0	284.6	56.92	40-77
19	Nitrobenzene	500.0	292.9	58.58	35-94
20	Isophorone	500.0	323.5	64.69	50-86
21	2-Nitrophenol	500.0	317.7	63.53	46-84
22	2,4-Dimethylphenol	500.0	248.9	49.78	30-76
23	Bis(2-Chloroethoxy	500.0	309.0	61.80	48-81
24	Benzoic acid	1500	1036	69.07	39-103
25	2,4-Dichlorophenol	500.0	320.4	64.07	50-85
26	1,2,4-Trichloroben	500.0	282.0	56.40	45-81
28	Naphthalene	500.0	300.3	60.06	46-80
29	4-Chloroaniline	1200	602.9	50.24	15-79
30	Hexachlorobutadien	500.0	275.9	55.18	44-79
31	4-Chloro-3-methylp	500.0	324.0	64.80	50-89
32	2-Methylnaphthalen	500.0	305.8	61.16	49-81
33	Hexachlorocyclopen	1500	701.5	46.77	17-98
34	2,4,6-Trichlorophe	500.0	322.4	64.47	48-89
35	2,4,5-Trichlorophe	500.0	321.9	64.38	47-91
37	2-Chloronaphthalen	500.0	304.2	60.84	50-83
38	2-Nitroaniline	500.0	330.1	66.02	45-96
39	Dimethylphthalate	500.0	321.4	64.29	53-87
40	Acenaphthylene	500.0	319.7	63.94	51-84
41	2,6-Dinitrotoluene	500.0	329.7	65.94	49-95

OK

SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
43 3-Nitroaniline	1280	792.1	61.88	36-92
44 Acenaphthene	500.0	299.4	59.87	51-83
45 2,4-Dinitrophenol	1500	1011	67.42	10-191
46 Dibenzofuran	500.0	325.3	65.07	50-86
47 4-Nitrophenol	500.0	315.9	63.18	44-98
48 2,4-Dinitrotoluene	500.0	327.8	65.55	50-98
49 Fluorene	500.0	317.8	63.56	52-86
50 Diethylphthalate	500.0	325.2	65.05	55-89
51 4-Chlorophenyl-phe	500.0	310.1	62.03	51-85
52 4-Nitroaniline	500.0	266.9	53.39	30-87
53 4,6-Dinitro-2-meth	1500	1098	73.19	10-136
54 N-Nitrosodiphenyla	500.0	446.8	89.36	28-158
56 4-Bromophenyl-phen	500.0	318.1	OK 63.62	50-90
57 Hexachlorobenzene	500.0	317.4	63.47	49-91
58 Pentachlorophenol	500.0	339.1	67.82	40-100
60 Phenanthrene	500.0	336.4	67.29	51-91
61 Anthracene	500.0	322.9	64.58	51-86
62 Carbazole	500.0	335.7	67.13	51-89
63 Di-n-butylphthalat	500.0	349.4	69.88	58-95
64 Fluoranthene	500.0	326.6	65.32	54-94
65 Pyrene	500.0	367.9	73.58	46-100
67 Butylbenzylphthala	500.0	381.7	76.34	51-99
68 Benzo(a)anthracene	500.0	336.6	67.32	52-90
70 3,3'-Dichlorobenzi	1280	633.5	49.49	10-86
71 Chrysene	500.0	343.1	68.62	51-93
72 bis(2-Ethylhexyl)p	500.0	391.5	78.31	36-111
73 Di-n-octylphthalat	500.0	361.2	72.23	29-108
74 Benzo(b)fluoranthe	500.0	356.8	71.37	54-102
75 Benzo(k)fluoranthe	500.0	347.3	69.46	45-107
76 Benzo(a)pyrene	500.0	348.8	69.75	52-95
78 Indeno(1,2,3-cd)py	500.0	344.4	68.88	34-105
79 Dibenzo(a,h)anthra	500.0	417.1	83.42	36-112
80 Benzo(g,h,i)peryle	500.0	267.4	53.49	25-116

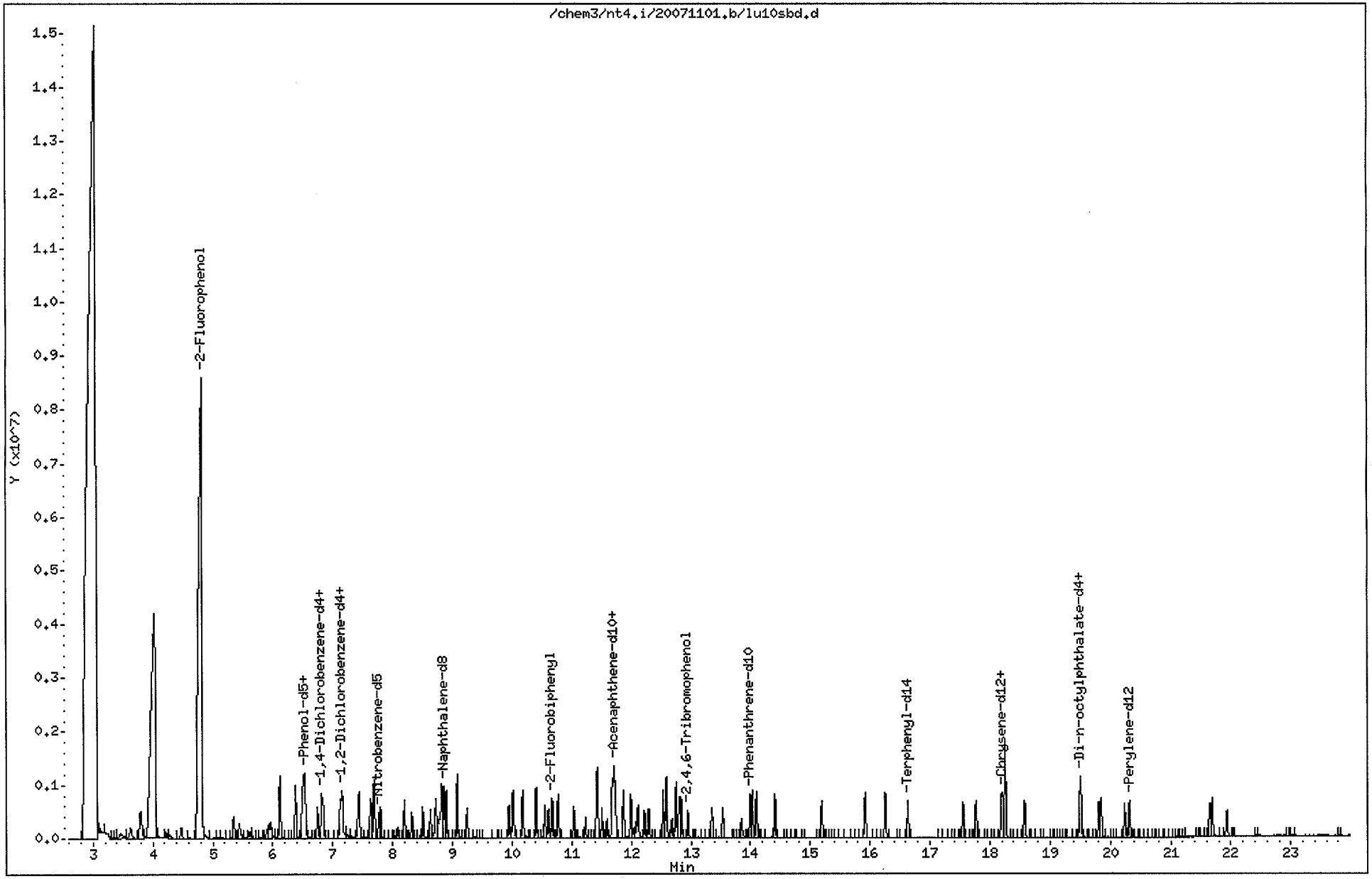
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	373.8	49.85	11-84
$ 2 Phenol-d5	750.0	463.4	61.79	25-86
$ 5 2-Chlorophenol-d4	750.0	457.2	60.96	23-91
$ 10 1,2-Dichlorobenzen	500.0	266.9	53.38	24-90
$ 18 Nitrobenzene-d5	500.0	290.6	58.11	26-88
$ 36 2-Fluorobiphenyl	500.0	292.0	58.40	34-91
$ 55 2,4,6-Tribromophen	750.0	482.7	64.36	25-107

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 66 Terphenyl-d14	500.0	347.7	69.53	22-100

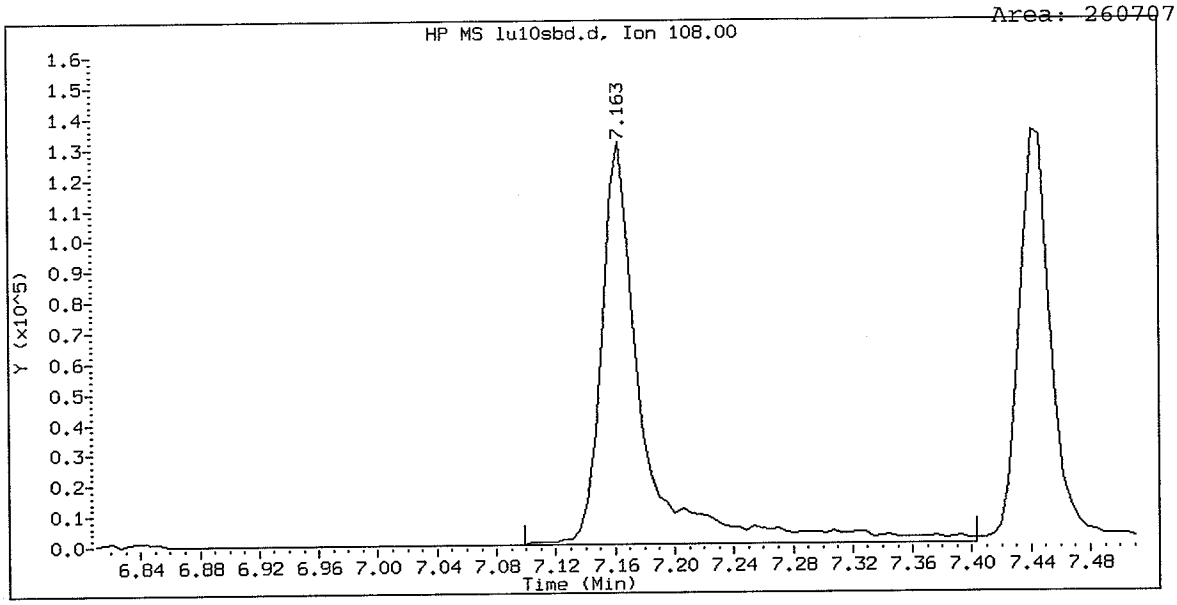
Data File: /chem3/nt4.i/20071101.b/lu10sbd.d
Date : 01-NOV-2007 16:08
Client ID: LU10LCSDS1
Sample Info: LU10LCSDS1
Volume Injected (uL): 1.0
Column phase: ZB-5

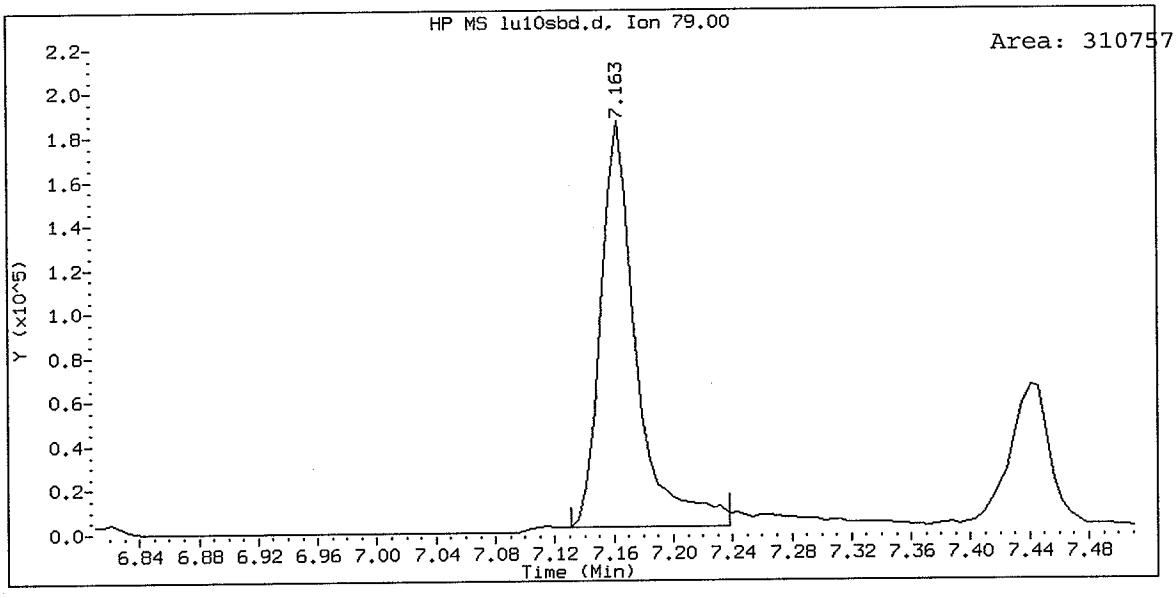
Instrument: nt4.i
Operator: VTS
Column diameter: 0.32

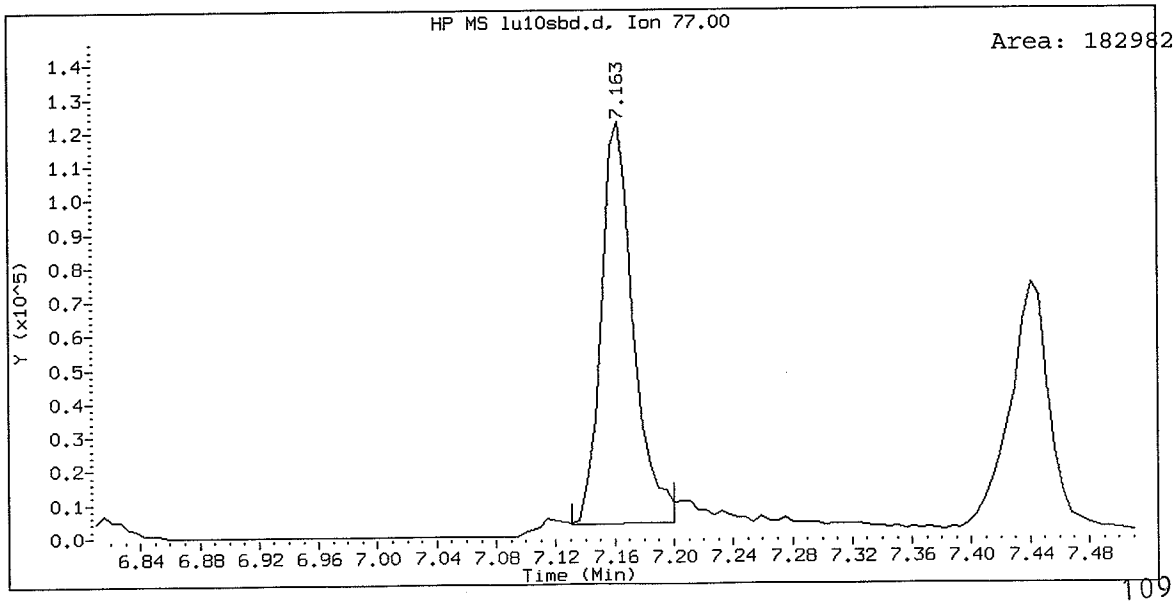
1090



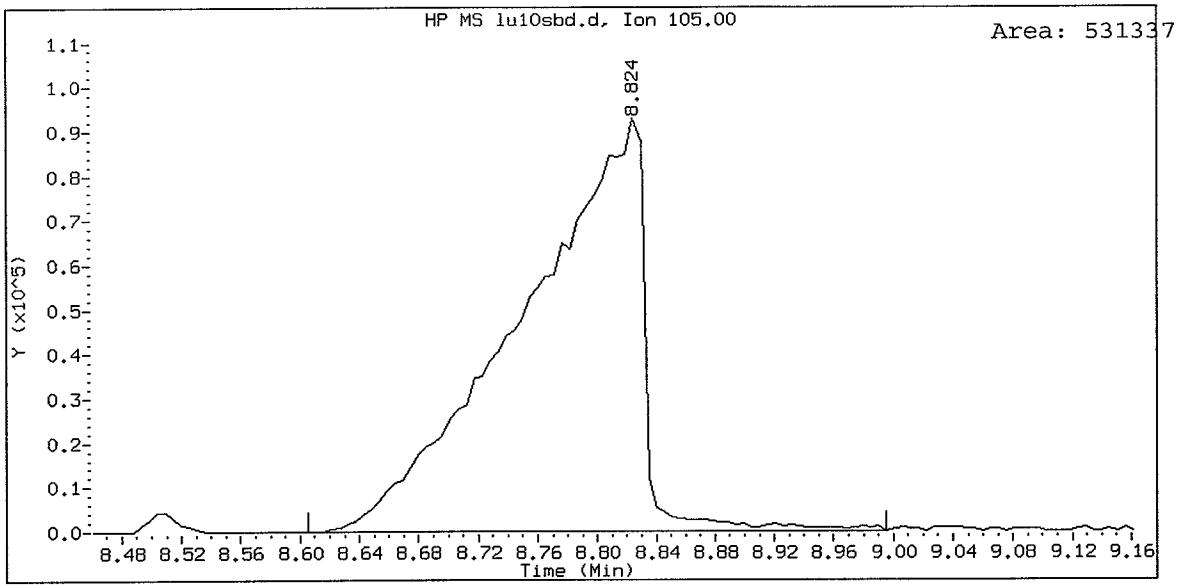
LU10LCSDS1, /chem3/nt4.i/20071101.b/lu10sbd.d
Benzyl alcohol Amount: 31.24

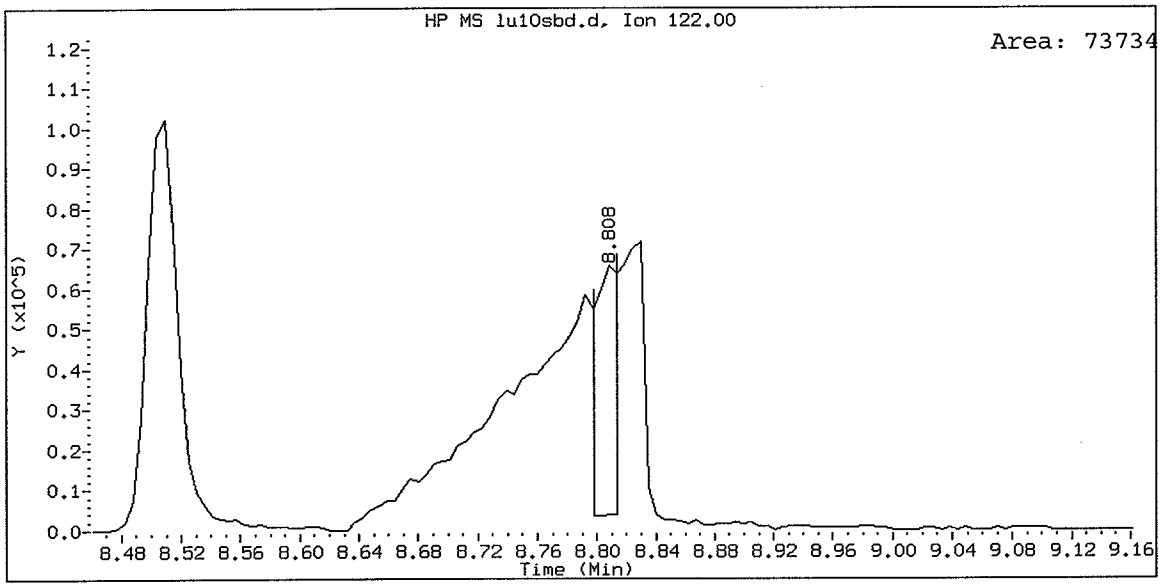


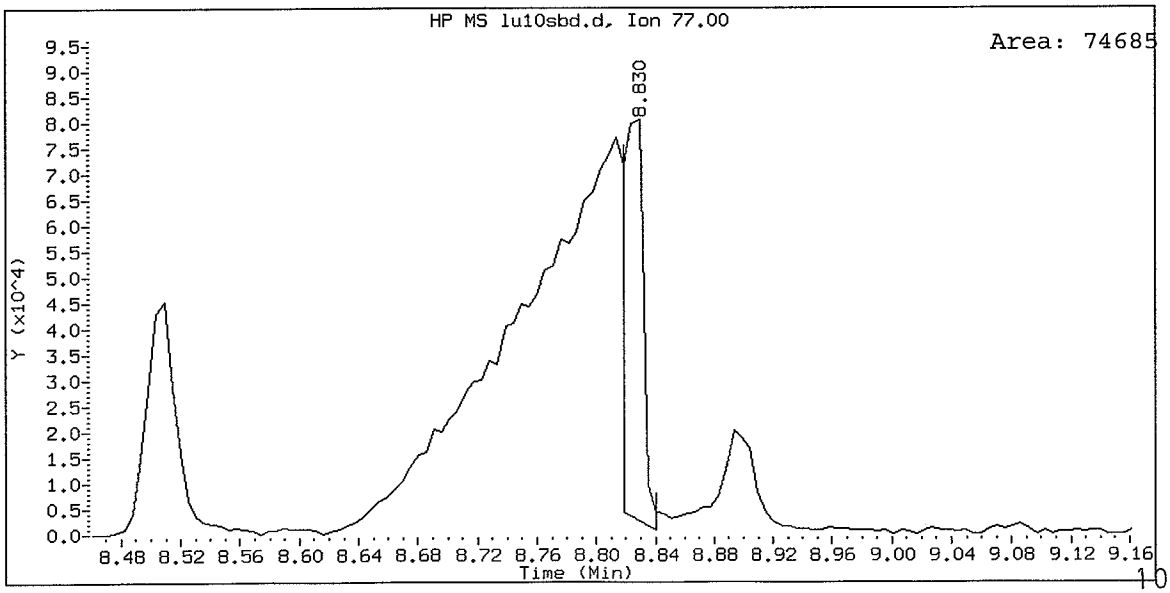




LU10LCSDS1, /chem3/nt4.i/20071101.b/lu10sbd.d
Benzoic acid Amount: 51.80







Semivolatile Organics
Extraction Bench Sheets/Run Logs

prepared
for

ANCHOR ENVIRONMENTAL

Project : KIMBERLY CLARK ANACORTES

ARI JOB NO. LR71

prepared
by

Analytical Resources, Inc.

Analytical Resources,Incorporated
Analytical Chemists and Consultants

GPC 1 Log

Date: 10-12-07 Initial Run Number: _____

Analyst: SP

Loop Number	ARI Lab ID	Aliquot Loaded
1	DCM Rinse	1:1 (1mL)
2	LR71MBS 10/10	1:2 (2mL)
3	A	
4	B	
5	C	
6	D	
7	E	
8	F	
9	H	
10	I	
11	J	
12	K	
13	L	
14	SBS 10/10	
15	EMS	
16	EMSD	
17		
18		
19		
20		
21		
22		
23		

SP 10/12/07

Comments / Program Name

Flow Rate: 7.0 mL/min
(Average of two measurements)

Method	BAN program	PCB Program
Dump	15	
Collect	28	
Wash	30	

Stop Time: 30.15
Analyst: SP

Lab Temp 69.6° (64 - 77°F)

Collection Line Witness: DP Before Run

10/15/07 After Run

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Client SDG: 20070831
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: GPC1 VER
Level: LOW Operator: LJR/VTS
Data Type: MS DATA SampleType: LCS
SpikeList File: PSDDALCS.spk Quant Type: ISTD
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20070831.b/SW846.m
Misc Info:

SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
3 Phenol	500.0	484.9	96.98*	45-89
4 Bis(2-Chloroethyl	500.0	0.000	*	42-82
6 2-Chlorophenol	500.0	553.8	110.75*	46-80
7 1,3-Dichlorobenze	500.0	0.000	*	45-76
9 1,4-Dichlorobenzen	500.0	327.5	65.49	45-76
11 Benzyl alcohol	1000	0.000	*	36-79
12 1,2-Dichlorobenze	500.0	0.000	*	44-78
13 2-Methylphenol	500.0	0.000	*	47-82
14 2,2'-oxybis(1-Chl	500.0	0.000	*	36-96
15 4-Methylphenol	1000	0.000	*	47-86
16 N-Nitroso-di-n-pro	500.0	367.2	73.43	42-84
17 Hexachloroethane	500.0	0.000	*	40-77
19 Nitrobenzene	500.0	0.000	*	35-94
20 Isophorone	500.0	0.000	*	50-86
21 2-Nitrophenol	500.0	0.000	*	46-84
22 2,4-Dimethylphenol	500.0	0.000	*	30-76
23 Bis(2-Chloroethox	500.0	0.000	*	48-81
24 Benzoic acid	1500	0.000	*	39-103
25 2,4-Dichlorophenol	500.0	0.000	*	50-85
26 1,2,4-Trichloroben	500.0	341.2	68.24	45-81
28 Naphthalene	500.0	0.000	*	46-80
29 4-Chloroaniline	1200	0.000	*	15-79
30 Hexachlorobutadie	500.0	0.000	*	44-79
31 4-Chloro-3-methylp	500.0	565.7	113.14*	50-89
32 2-Methylnaphthale	500.0	0.000	*	49-81
33 Hexachlorocyclope	1500	0.000	*	17-98
34 2,4,6-Trichloroph	500.0	0.000	*	48-89
35 2,4,5-Trichloroph	500.0	0.000	*	47-91
37 2-Chloronaphthale	500.0	0.000	*	50-83
38 2-Nitroaniline	500.0	0.000	*	45-96
39 Dimethylphthalate	500.0	0.000	*	53-87
40 Acenaphthylene	500.0	0.000	*	51-84
41 2,6-Dinitrotoluene	500.0	0.000	*	49-95

Analytical Resources, Incorporated
Analytical Chemists and Consultants

SVOA

Organic Extractions Benchsheet
8270 BAN / Skydrol / Phenol – Soil/ Sediment/ Tissue

In-House ☐ | PSDDA ☒ | Macrotip ☒ | Tissuemizer ☐ | KD ☒ | TurboVap ☒

QA LIMs #
EXT LIMs #
Bid # SV1010C-01
ARI Job No(s) LR71

Client Name / Project ID: Anchor Enviromental, LLC

Extraction Requirements	Verify Client ID	Volume Extracted (g)	GPC (Y/N) (Req)	KD	Final Effective Volume	Volume to Lab	Comments
MB LR71 MBS	10-10-07	50.00	1:2		1mL	0.5mL	20mL DI H_2O
SB: SBS	↓	50.00					MB|SB
A	Verified	104.02					
B		101.02					
C		75.00					
d		71.00					
E		65.06					
EMS		65.06					
EMSd		65.04					
F		75.02					
H		79.02					
I		97.06					
J		65.00					
K		86.04					
L	↓	76.00	↓	↓	↓	↓	
Analyst/Date	CJZ 10-10-07 SAL 10-10-07		SP 10/12/07	2nd KD 10/15/07 AR 10/11/07	SP 10/12/07	SP 10/15/07	

Spike	Spike ID	Volume	Conc	Analyst	Witness
Surrogate	A,	250 µL	100/150 µg/mL	CJZ	SAL
LCS	7	250 µL	100 µg/mL	CJZ	
LCS(extra)	12	250 µL	200 µg/mL	CJZ	
	10	250 µL	100/200 µg/mL	CJZ	
MS/MSD		µL	µg/mL		
Extraction Time:					

Solvent / Reagent	ID
Na_2SO_4 ID:	9/26 #6
(DCM) CH_2Cl_2 ID:	I3949
1:1 DCM/ACE ID:	F855
Hexane:	
0.05% HCl/Acetone:	
Neutral Glasswool:	8/13 #3

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Laboratory
Analyst Notes

ARI Job No.: LR71

Client ID: Anchor Environmental LLC

Parameter: BAN PSDDA

Client Project: Kimberly Clark - Anacortes

SOP Number(s): 3745

No Anomalies:

List problems, concerns, corrective actions and any other pertinent information
LR71 A-L - all have sulfur smell. poured out standing H_2O.
LR71I - woodchips and other organics
LR71J - two small live crabs. SAL 10-4-07
Excessive D.I. H_2O was used to de-activate blanks. Blanks required an extra amount of Sodium Sulfate to properly dry. SH 11/11/07

Analyst Initials:		Date:	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

REQUEST FOR RE-EXTRACTION / RE-ANALYSIS
(Organic Analyses)

Todays Date: 10/25/07 **Client Name:** Anchor

ARI Project Number: LR71 **Client Project:** Kimberly Clark Anacortes

Analysis: BANS **Turn Around Time:** ASAP

Project Manager: Sue **Date Sampled:** 9/27/07 & 9/28/07

Criteria Flagged

Unacceptable Blank:	☐	**Unacceptable Surrogate:**	☐
Unacceptable Duplicate:	☐	**Instrument Problem:**	☐
Unacceptable Spike:	☒	**Other:**	☐
Overwrite LIMS:	☐	**Enter as Re-extract:**	☐

Details of Problem / Recommended Corrective Action

SB recoveries no good

Samples Affected

All LR71

Corrective Action Taken

Re-extract

Analyst: [signature] **Supervisor:** _____

Date: 10/25/07 **Date:** _____

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Benchsheet
8270 BAN / Skydrol / Phenol – Soil/Sediment/Tissue

In-House ☐ | PSDDA ☒ | Macrotip ☒ | Tissuemizer ☐ | KD ☒ | TurboVap ☒

QA LIMs #
EXT LIMs #
Bid # SV1026B-01
ARI Job No(s) LU10, LU21, LR71 (R1)

Client Name / Project ID
Hart Crowser, Inc.
Seattle Public Utilities
Anchor Environmental, LLC

Extraction Requirements	Verify Client ID	Volume Extracted (g)	#1 GPC Y/N	KD	Final Effective Volume	Volume to Lab	Comments
MB: LU10MBS	10	7.50	(REQ) 1:2		1mL	0.5mL	Equivalent to 50g = 7.5g + 2mL DI H_2O see notes
SB: SBS		7.50	1:2 SP 10/31				
SBSD		7.50	↓				
A	Verified	76.64	1:4 10/30		2mL		
LU21 A		29.82	1:2 10/29 SP 10/30		1mL		
B		35.48					
C		34.48					
D		21.82					
E		23.30					
LR71 A2		104.26					
B2		101.30					
C2		75.30					
D2		71.56					
E2		65.54	↓				
EMS2		65.70	1:2 SP 10/31				
EMSD2		65.84	↓ 10/30				
F2		75.68	1:2 SP 10/30				
H2		79.94	↓				
I2		97.18					
J2		65.72	1:2 SP 10/31				
K2		86.34	↓				
L2		76.50					+ DCM RINSE FROM GPC - MP 11/1/07
Analyst/Date	GP 10/27/07	GP 10/27/07		HO 10/29/07 HO 10/31/07		MP 11/1/07	

Spike	Spike ID	Volume	Conc	Analyst	Witness	Solvent / Reagent	ID
Surrogate	A_2	250 µL	100/150 µg/mL	WW	GP	Na_2SO_4 ID:	10/18 #5 21929
LCS	7	250 µL	100 µg/mL	WW	GP	(DCM) CH_2Cl_2 ID:	I3978 22070
LCS(extra)	12	250 µL	200 µg/mL	WW	GP	1:1 DCM/ACE ID:	F867 23292
	10A	250 µL	100/200 µg/mL	WW	GP	Hexane:	
MS/MSD		µL	µg/mL	↓		0.05% HCl/Acetone:	
Extraction Time: 15:40						Neutral Glasswool:	

3009F

Revision 9
01/03/2007

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Laboratory
Analyst Notes

ARI Job No.: LR71 (RX)

Client ID: Anchor Environmental, LLC

Parameter: BAN

Client Project: Kimberly Clark Anacortes

SOP Number(s): 3445

No Anomalies:

List problems, concerns, corrective actions and any other pertinent information

Analyst Initials:		**Date:**	

Analytical Resources Inc.: Organics Instrument Log

NT-4 Serial No.: GC = US00010849; MS = US72821113

Date: 10/1/07 Analysis: BANS Analyst: LLK

GC Program: ABN Column No: 122191 Column Type: ZB-5

Instrument Tune (.U or .CT.): DT0921 EM Voltage: 1753

Calibration File: 0251001 Curve Date: 10/1/07

IS/SS	Ical/Ccal	LCS/ICV
1449-3	1458-4	
	1459-1,2	
	1462-2,3	

	Time	Filename	LabID	ClientId	DF													
1	1031	0251001.d	ABN 25	ABN 25	1	8.10	110324	10.14	430280	13.00	242988	15.37	380514	19.69	406554	21.84	429313	20.83	598971
2	1104	0801001.d	ABN 80	ABN 80	1	8.11	144455	10.15	529257	13.01	273258	15.38	415414	19.70	448393	21.85	527580	20.84	686610
3	1138	0011001.d	ABN 1	ABN 1	1	8.10	126812	10.14	437688	13.00	231228	15.37	345165	19.68	337796	21.84	357295	20.83	472142
4	1212	0401001.d	ABN 40	ABN 40	1	8.10	109297	10.14	434450	13.00	240213	15.37	370656	19.69	345387	21.84	368819	20.83	519831
5	1246	0051001.d	ABN 5	ABN 5	1	8.10	117611	10.14	404851	13.00	213214	15.37	312873	19.68	273529	21.84	315500	20.83	377218
6	1320	0101001.d	ABN 10	ABN 10	1	8.10	112897	10.14	400792	13.00	221239	15.37	345559	19.68	337352	21.84	363064	20.83	493568
7	1354	icv1001.d	ABN ICV	ABN ICV	1	8.10	115954	10.14	453229	13.00	255917	15.37	392657	19.69	356097	21.84	366502	20.83	513773
8	1428	lq07mb.d	LQ07MBS1	LQ07MBS1	1	8.10	131619	10.14	457819	12.99	242529	15.37	368333	19.68	356298	20.83	492886	21.84	224313
9	1502	lq07sb.d	LQ07LCSS1	LQ07LCSS1	1	8.10	142430	10.14	516774	13.00	280048	15.37	438934	19.69	414720	20.83	626434	21.84	417580
10	1536	lq07sbd.d	LQ07LCSDS1	LQ07LCSDS1	1	8.10	137055	10.14	488606	13.00	261053	15.37	417431	19.69	404001	20.83	618570	21.84	425501
11	1610	lp67mb.d	LP67MBS1	LP67MBS1	1	8.10	142031	10.14	482376	13.00	250218	15.37	357352	19.68	317972	20.83	444181	21.83	338127
12	1644	lp67sb.d	LP67LCSS1	LP67LCSS1	1	8.10	139724	10.14	503957	13.00	264387	15.37	390587	19.68	309728	20.83	483924	21.83	360744
13	1718	lq07a.d	LQ07A	MW-07-04 Cutti	1	8.10	141594	10.14	509807	13.00	268346	15.37	410283	19.68	421618	20.82	609447	21.84	394357
14	1752	lq07b.d	LQ07B	MW-07-01 Cutti	1	8.10	148043	10.13	527610	13.00	281513	15.36	438238	19.67	416425	20.82	609061	21.83	368283
15	1826	lq07c.d	LQ07C	MW-07-02 Cutti	1	8.10	136799	10.13	486628	12.99	257690	15.36	382213	19.68	382119	20.82	559652	21.83	287623
16	1900	lp67d.d	LP67D	DM1-CS	1	8.10	140907	10.14	501452	13.00	266099	15.37	409932	19.68	416290	20.83	644057	21.84	420948
17	1933	lp67dms.d	LP67DMS	DM1-CS MS	1	8.10	146575	10.14	516640	13.00	279561	15.37	387358	19.68	346822	20.83	547036	21.84	436728
18	2007	lp67dmd.d	LP67DMSD	DM1-CS MSD	1	8.10	136535	10.14	512635	13.00	282971	15.37	402280	19.69	366878	20.83	568999	21.84	437279
19	2041	lp67f.d	LP67F	DM2-CS	1	8.10	124380	10.14	457578	13.00	277245	15.38	478850	19.73	489150	20.87	612332	21.91	327645
20	2115	lp67h.d	LP67H	DM3-CS	1	8.10	157275	10.14	572111	13.00	323548	15.37	535049	19.68	532407	20.83	804427	21.84	533237

Maintenance / Comments New liner + wool. Clipped column. Cleaned inlet seal.

LLK 10/2/07

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): 0251001

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: NTA Curve Client ID: ARI

ARI SOP: **801S**(SIM-PNA) **802S**(BTS-HX) **803S**(BTS-PW) (**804S**(8270D) **805S**(BTS-ET)

Parameter(s): BANs

Instrument: NT-1 NT-2 (NT-4) NT-6

Curve Date: 10/1/07 Analysis Start Date: —

DFTPP Tune Meets Criteria?	(YES) / NO	Method Blank in Control?	~~YES / NO~~
DDT Breakdown <20%?	(YES) / NO / NA	LCS / LCSD Recovery in Control?	(YES) / NO
Peak Tailing Factor in Control?	(YES) / NO / NA	MS/MSD 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
Internal Standard Meets Criteria?	(YES) / NO		

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary): -Dioxane & Dioxane surrogate not curved.

EJK
10/1/07

Additional Details on Reverse: Yes / (No)

Analyst Signature: [signature] **Date:** 10/1/07

Reviewer's Signature: [signature] **Date:** 10/1/07

Analytical Resources Inc.: Organics Instrument Log

NT-6 Serial No.:GC=US00036167, MS=US81221575

Date: 10/18/07 Analysis: BANs Analyst: LJK

GC Program: ABNIVL Column No: 125687 Column Type: ZB-5

Instrument Tune (.U or .CT.): 070929 EM Voltage: 1671

Calibration File: cc1018 Curve Date: 10/1/07

IS/SS	Ical/Ccal	LCS/ICV
1449-3	1450-4	
	1457-1,2	
	1462-2,3	

	Time	Filename	LabID	ClientId	DF													
1	1007	cc1018.d	ABN 25		1	7.90	209365	9.96	696408	12.84	426299	15.22	686887	19.56	718747	21.72	680717	20.72	1031594
2	1042	lr71mb.d	LR71MBS1	LR71MBS1	1	7.91	196851	9.97	642624	12.85	392528	15.23	628504	19.57	591236	20.73	863452	21.73	554552
3	1115	lr71sb.d	LR71LCSS1	LR71LCSS1	1	7.91	204541	9.97	663850	12.85	401615	15.23	652120	19.57	650993	20.74	956174	21.73	583887
4	1149	ls28mb2.d	LS28MBS2	LS28MBS2	1	9.96	672871	12.85	401738	15.23	647027	19.57	609783	21.73	622890				
5	1223	ls28sb2.d	LS28LCSS2	LS28LCSS2	1	9.97	638575	12.85	356448	15.23	545203	19.57	455953	21.73	553380				
6	1257	ls28sbd2.d	LS28LCSDS2	LS28LCSDS2	1	9.97	644949	12.85	365200	15.23	555521	19.57	466229	21.73	562484				
7	1331	ls28b.d	LS28B	SOLIDS-5-071002	3	9.99	732671	12.88	445409	15.25	676381	19.58	749991	21.75	813606				
8	1405	lt59p.d	LT59P	D1-S6-b2	1	9.97	657655	12.85	391160	15.23	662687	19.57	662999	21.73	671107				
9	1439	lr71a.d	LR71A	AN-SS-01-070927	1	7.91	189191	9.97	616459	12.85	376667	15.23	660463	19.58	701501	20.74	995717	21.74	580716
10	1513	lr71b.d	LR71B	AN-SS-02-070927	1	7.91	197786	9.97	668243	12.86	428728	15.24	772764	19.60	970550	20.76	1267104	21.77	693915
11	1547	lr71c.d	LR71C	AN-SS-03-070928	1	7.92	202713	9.97	630327	12.85	373356	15.24	659639	19.58	756753	20.74	1082814	21.75	678558
12	1621	lr71d.d	LR71D	AN-SS-07-070928	1	7.92	196689	9.97	614521	12.85	366890	15.24	635257	19.57	752882	20.74	998802	21.74	621049
13	1655	lr71e.d	LR71E	AN-SS-10-070928	1	7.91	197254	9.97	601231	12.85	326575	15.23	507145	19.57	615072	20.73	877776	21.73	589955
14	1729	lr71ems.d	LR71EMS	AN-SS-10-070928 MS	1	7.92	179861	9.97	596899	12.85	381704	15.24	629026	19.57	637723	20.73	931529	21.73	549566
15	1803	lr71emd.d	LR71EMSD	AN-SS-10-070928 MSD	1	7.91	193234	9.97	606199	12.85	362845	15.24	619131	19.57	682731	20.73	1005443	21.73	561100
16	1836	lr71f.d	LR71F	AN-SS-11-070928	1	7.91	189400	9.97	594257	12.85	356615	15.24	642771	19.59	858973	20.74	1211080	21.75	589128
17	1910	lr71h.d	LR71H	AN-SS-04	1	7.91	177695	9.97	520814	12.85	279072	15.24	480458	19.58	775891	20.75	1148629	21.76	615101
18	1944	lr71i.d	LR71I	AN-SS-05	1	7.92	197352	9.97	632048	12.85	393756	15.24	712380	19.59	903473	20.75	1217237	21.75	572397
19	2018	lr71j.d	LR71J	AN-SS-06	1	7.91	203049	9.97	607154	12.85	323111	15.24	496959	19.57	681258	20.73	963453	21.74	534656
20	2051	lr71k.d	LR71K	AN-SS-08	1	7.91	194329	9.97	605202	12.86	382755	15.24	698411	19.60	929702	20.75	1250276	21.77	511997
21	2125	lr71l.d	LR71L	AN-SS-09	1	7.91	194381	9.97	626329	12.85	398480	15.24	717880	19.59	858666	20.75	1251061	21.76	534676

Maintenance / Comments New liner & wool. Clipped column. Cleaned inlet seal.

LJK 10/19/07

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): cc1018

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

1103

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC/MS SVOA Analyst Notes / Corrective Action Log

ARI Project ID: LR71 Client ID: Anchor

ARI SOP: **801S**(SIM-PNA) **802S**(BTS-HX) **803S**(BTS-PW) **804S**(8270D) **805S**(BTS-ET)

Parameter(s): BANs

Instrument: NT-1 NT-2 NT-4 NT-6

Curve Date: 10/1/07 Analysis Start Date: 10/18/07

DFTPP Tune Meets Criteria?	YES / NO	Method Blank in Control?	YES / NO
DDT Breakdown <20%?	YES / NO / NA	LCS / LCSD Recovery in Control?	YES / NO
Peak Tailing Factor in Control?	YES / NO / NA	MS/MSD 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
Internal Standard Meets Criteria?	YES / NO		

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary): -Low-ish SB recoveries. Attempted to GPC archive of SB, results not much better. Sent for RX.

-2-FBP surrogate low in MB/SB.

LJR
10/25/07

Additional Details on Reverse: Yes / No

Analyst Signature: _____ **Date:** 10/25/07

Reviewer's Signature: _____ **Date:** 10/25/07

Analytical Resources Inc.: Organics Instrument Log

NT-6 Serial No.:GC=US00036167, MS=US81221575

Date: 10/19/07 Analysis: BANs Analyst: LJK

GC Program: ABNIUL Column No: 125087 Column Type: ZB-5

Instrument Tune (.U or .CT.): 071029 EM Voltage: 1671

Calibration File: CC1019 Curve Date: 10/1/07

IS/SS	Ical/Ccal	LCS/ICV
1449-3	1458-4	
	1459-1,2	
	1462-2,3	

	Time	Filename	LabID	ClientId	DF															
1	0925	cc1019.d	ABN 25	ABN CCAL	1	7.84	226424	9.91	707249	12.79	406888	15.17	651776	19.51	737814	21.68	694786	20.69	1065410	
2	0959	cc1019a.d	BDPE 25		1	7.83	191934	9.90	611713	12.78	345080	19.50	528222	21.67	548909					
3	1033	lt92mb.d	LT92MBS1	LT92MBS1	1	9.89	638705	12.78	366799	15.17	554576	19.50	518164	21.67	552308					
4	1106	lt92sb.d	LT92LCSS1	LT92LCSS1	1	9.89	639930	12.78	354578	15.17	533945	19.51	527818	21.67	578363					
5	1140	lt92sbd.d	LT92LCSDS1	LT92LCSDS1	1	9.89	658351	12.78	367082	15.17	563583	19.50	561299	21.67	591191					
6	1214	lt94mb.d	LT94MBS1	LT94MBS1	1	7.83	202396	9.90	666394	12.78	392108	15.16	632275	19.50	565386	20.68	821019	21.67	537062	
7	1247	lt94sb.d	LT94LCSS1	LT94LCSS1	1	7.83	208790	9.90	681138	12.78	425327	15.17	663287	19.50	681743	20.68	896204	21.67	550903	
8	1321	lt92a.d	LT92A	I-101607-STK-2	1	9.90	586056	12.78	318346	15.17	499625	19.50	569840	21.67	619653					
9	1355	lt92b.d	LT92B	I-100907-STK-1	1	9.90	558809	12.78	320708	15.17	533086	19.51	630285	21.67	564848					
10	1429	lt93a.d	LT93A	Navy-101607-Fill-1	1	9.90	524773	12.78	288128	15.16	502877	19.50	606132	21.68	610043					
11	1503	lt94a.d	LT94A	CLR-013-101507	1	7.83	163885	9.89	505864	12.78	270171	15.17	443546	19.50	523655	20.68	791833	21.66	383623	
12	1536	lt94b.d	LT94B	CLR-014-101507	1	7.83	201818	9.90	608310	12.78	325333	15.17	548264	19.50	612942	20.68	903305	21.67	561214	
13	1610	lt94c.d	LT94C	CLR-4014-101507	1	7.83	195137	9.90	628381	12.78	355668	15.17	605797	19.50	598700	20.68	865512	21.67	514346	
14	1644	lt94cms.d	LT94CMS	CLR-4014-101507 MS	1	7.83	199491	9.90	638957	12.79	386971	15.17	628304	19.51	668047	20.68	960323	21.67	579268	
15	1717	lt94cmd.d	LT94CMSD	CLR-4014-101507 MSD	1	7.83	194329	9.90	622709	12.78	362871	15.17	591585	19.50	657377	20.68	941734	21.67	553652	
16	1751	lr71fdl.d	LR71F	AN-SS-11-070928	3	7.83	158077	9.90	468974	12.78	256484	15.16	447168	19.51	604323	20.68	847787	21.67	516042	

LJK 10/20/07

Maintenance / Comments New liner + wool. Clipped column. Cleaned inlet seal

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): CC1019

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: ARI

ARI SOP: **801S**(SIM-PNA) **802S**(BTS-HX) **803S**(BTS-PW) **804S**(8270D) **805S**(BTS-ET)

Parameter(s): BANS

Instrument: NT-1 NT-2 NT-4 NT-6

Curve Date: 10/1/07 Analysis Start Date: —

DFTPP Tune Meets Criteria?	YES / NO	Method Blank in Control?	~~YES / NO~~
DDT Breakdown <20%?	YES / NO / NA	LCS / LCSD Recovery in Control?	YES / NO
Peak Tailing Factor in Control?	YES / NO / NA	MS/MSD 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
Internal Standard Meets Criteria?	YES / NO		

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

LTK
10/1/07

Additional Details on Reverse: Yes / No

Analyst Signature: [signature] **Date:** 10/1/07

Reviewer's Signature: [signature] **Date:** 10/1/07

Analytical Resources Inc.: Organics Instrument Log
NT-4 Serial No.: GC = US00010849; MS = US72821113

Date: 11/1/07 Analysis: BANs Analyst: EJK

GC Program: ABN Column No: 122191 Column Type: ZB-5

Instrument Tune (U) or .CT.): 070921 EM Voltage: 1388

Calibration File: cc1101 Curve Date: 10/1/07

IS/SS	Ical/Ccal	LCS/ICV
1449-3	1458-4	
	1459-1,2	
	1462-2,3	

	Time	Filename	LabID	ClientId	DF											
1	1435	cc1101.d	ABN 25		1	6.82	145384	8.87	530525	11.68	280701	14.00	391934	18.22	354658	20.33	400782	19.50	506314
2	1506	lu10mb.d	LU10MBS1	LU10MBS1	1	6.82	150402	8.87	557632	11.68	296628	13.99	428044	18.22	370917	19.50	507823	20.32	385229
3	1537	lu10sb.d	LU10LCSS1	LU10LCSS1	1	6.82	165263	8.87	613454	11.69	325298	14.00	467434	18.22	378695	19.50	529884	20.32	392157
4	1608	lu10sbd.d	LU10LCSDS1	LU10LCSDS1	1	6.82	162567	8.87	609064	11.68	327334	14.00	470911	18.22	387827	19.50	530771	20.32	391270
5	1639	lr71a2.d	LR71ARE	AN-SS-01-070927	1	6.82	149931	8.87	560313	11.68	297876	14.00	435451	18.24	502690	19.52	753759	20.35	501155
6	1711	lr71b2.d	LR71BRE	AN-SS-02-070927	1	6.83	133446	8.87	482322	11.68	261814	14.01	419690	18.26	665106	19.54	693549	20.38	496914
7	1742	lr71c2.d	LR71CRE	AN-SS-03-070928	1	6.83	165249	8.87	611125	11.69	318065	14.00	432391	18.23	445581	19.51	622522	20.34	475370
8	1813	lr71d2.d	LR71DRE	AN-SS-07-070928	1	6.82	171353	8.87	635791	11.68	319126	14.00	452619	18.23	450806	19.51	635306	20.34	492085
9	1845	lr71e2.d	LR71ERE	AN-SS-10-070928	1	6.82	166412	8.87	605024	11.68	318217	14.00	442973	18.22	467873	19.50	644799	20.33	492457
10	1916	lr71ems2.d	LR71EMSRE	AN-SS-10-070 MS	1	6.82	169624	8.87	621446	11.69	337720	14.00	442952	18.23	446427	19.51	603758	20.33	516940
11	1947	lr71emd2.d	LR71EMSDRE	AN-SS-10-070 MSD	1	6.82	147079	8.87	543344	11.68	289705	14.00	392842	18.23	420545	19.50	559864	20.34	457106
12	2018	lr71f2.d	LR71FRE	AN-SS-11-070928	1	6.83	165938	8.87	598961	11.68	317563	14.00	443947	18.25	522303	19.52	767428	20.36	527367
13	2050	lr71h2.d	LR71HRE	AN-SS-04	1	6.82	164152	8.87	605587	11.68	309756	14.00	442675	18.25	530706	19.53	720058	20.37	559995
14	2121	lr71i2.d	LR71IRE	AN-SS-05	1	6.83	151499	8.87	551420	11.69	322672	14.01	528121	18.26	583655	19.53	812092	20.36	490412
15	2152	lr71j2.d	LR71JRE	AN-SS-06	1	6.83	170134	8.87	616125	11.69	328811	14.00	471706	18.23	504181	19.51	692029	20.34	562162
16	2223	lr71k2.d	LR71KRE	AN-SS-08	1	6.82	148189	8.87	563265	11.69	333421	14.01	523860	18.29	362137	19.56	738341	20.41	415986
17	2254	lr71l2.d	LR71LRE	AN-SS-09	1	6.83	164643	8.88	587768	11.69	328476	14.00	493723	18.27	557406	19.54	752279	20.39	452167
18	2325	lu10adl.d	LU10A	Pile F	3	6.82	160537	8.88	554804	11.69	327439	14.01	506109	18.25	612050	19.53	843020	20.38	433903
19	2356	lu21adl.d	LU21A	CB106-101807	3	6.83	160366	8.88	576205	11.69	360573	14.02	606707	18.28	629340	19.56	754549	20.42	373453
20	0027	lu21bdl.d	LU21B	CB107-101807sump	3	6.82	165370	8.88	580790	11.70	313362	14.02	491095	18.27	585497	19.54	736049	20.39	469159
21	0058	lu21cdl.d	LU21C	CB107-101807filter	3	6.83	173474	8.88	612378	11.69	329069	14.02	543150	18.26	601456	19.53	819896	20.38	526918
22	0129	lu21ddl.d	LU21D	CB108-101807	3	6.83	177327	8.88	630885	11.69	363675	14.01	574946	18.25	622949	19.54	838818	20.39	505256
23	0159	lu21edl.d	LU21E	CB108-101807D	3	6.82	166997	8.88	599308	11.70	359386	14.02	573327	18.26	601127	19.54	790373	20.38	467961
24	0230	dcm1101.d	DCM GPC RINSE		1	6.82	166532	8.88	542721	11.69	330258	14.00	526528	18.23	579919	19.51	787650	20.35	503609

Maintenance / Comments New liner + wool. Clipped column. Cleaned inlet seal.

EJK 11/2/07

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): cc1101

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: LR11 RX Client ID: Anchor

ARI SOP: **801S**(SIM-PNA) **802S**(BTS-HX) **803S**(BTS-PW) **804S**(8270D) **805S**(BTS-ET)

Parameter(s): BANs

Instrument: NT-1 NT-2 (NT-4) NT-6

Curve Date: 10/1/07 Analysis Start Date: 11/1/07

DFTPP Tune Meets Criteria?	(YES) / NO	Method Blank in Control?	(YES) / (NO)
DDT Breakdown <20%?	(YES) / NO / NA	LCS / LCSD Recovery in Control?	(YES) / NO
Peak Tailing Factor in Control?	(YES) / NO / NA	MS/MSD 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)
Internal Standard Meets Criteria?	(YES) / NO		

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary): - Bis phthalate in MTB.

- 2-Fluorobiphenyl surrogate low in E.

Reextracts - LCS/LCSD/MB 7.5gr = 50gr Equiv

See pg

11/2/07

Additional Details on Reverse: Yes / (No)

Analyst Signature: [signature] **Date:** 11/2/07

Reviewer's Signature: [signature] **Date:** 11/6/07

PCB Analysis
QC Summary Data

prepared
for

ANCHOR ENVIRONMENTAL

Project : KIMBERLY CLARK ANACORTES

ARI JOB NO. LR71

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

SW8082/PCB SOLIDS SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Client ID	DCBP % REC	DCBP LCL-UCL	TCMX % REC	TCMX LCL-UCL	TOT OUT
AN-SS-01-070927	106%	32-155	82.0%	33-121	0
AN-SS-02-070927	76.0%	32-155	87.5%	33-121	0
MB-101107	95.8%	54-111	81.5%	37-110	0
LCS-101107	96.0%	54-111	82.5%	37-110	0
AN-SS-03-070928	87.8%	32-155	72.2%	33-121	0
AN-SS-03-070928 MS	99.0%	32-155	80.0%	33-121	0
AN-SS-03-070928 MSD	98.2%	32-155	78.8%	33-121	0
AN-SS-07-070928	102%	32-155	80.0%	33-121	0
AN-SS-10-070928	94.5%	32-155	101%	33-121	0
AN-SS-10-070928 DL	118%	32-155	110%	33-121	0
AN-SS-11-070928	91.2%	32-155	79.8%	33-121	0
AN-SS-11-070928 DL	121%	32-155	85.5%	33-121	0
AN-SS-04	86.0%	32-155	77.0%	33-121	0
AN-SS-04 DL	107%	32-155	85.5%	33-121	0
AN-SS-05	94.5%	32-155	88.5%	33-121	0
AN-SS-06	91.2%	32-155	76.2%	33-121	0
AN-SS-06 DL	95.2%	32-155	88.5%	33-121	0
AN-SS-08	98.8%	32-155	76.2%	33-121	0
AN-SS-09	94.0%	32-155	70.0%	33-121	0

Prep Method: SW3550B
Log Number Range: 07-20766 to 07-20777

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-SS-03-070928
MS/MSD

Lab Sample ID: LR71C
LIMS ID: 07-20768
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted MS/MSD: 10/11/07

Date Analyzed MS: 10/17/07 12:56
MSD: 10/17/07 13:13
Instrument/Analyst MS: ECD5/PK
MSD: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount MS: 25.4 g-dry-wt
MSD: 25.4 g-dry-wt
Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL
Dilution Factor MS: 1.00
MSD: 1.00
Silica Gel: No

Percent Moisture: 33.2%

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Aroclor 1016	< 3.9 U	14.7	19.7	74.6%	13.1	19.7	66.5%	11.5%
Aroclor 1260	< 3.9 U	14.9	19.7	75.6%	15.8	19.7	80.2%	5.9%

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: LCS-101107
LAB CONTROL

Lab Sample ID: LCS-101107
LIMS ID: 07-20768
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: NA
Date Received: NA

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 09:30
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Aroclor 1016	14.2	20.0	71.0%
Aroclor 1260	15.8	20.0	79.0%

PCB Surrogate Recovery

Decachlorobiphenyl	96.0%
Tetrachlorometaxylene	82.5%

Results reported in µg/kg (ppb)

4

PCB METHOD BLANK SUMMARY

BLANK NO.

LR71MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No.: LR71 Project: KIMBERLY CLARK ANACO

Lab Sample ID: LR71MBS1 Lab File ID: 1017B003

Date Extracted: 10/11/07 Matrix: SOLID

Date Analyzed: 10/17/07 Instrument ID: ECD5

Time Analyzed: 0913 GC Columns: ZB5/ZB35

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	LR71LCSS1	LR71LCSS1	10/17/07
02	AN-SS-01-070927	LR71A	10/17/07
03	AN-SS-02-070927	LR71B	10/17/07
04	AN-SS-03-070928	LR71C	10/17/07
05	AN-SS-03-070928 MS	LR71CMS	10/17/07
06	AN-SS-03-070928 MSD	LR71CMSD	10/17/07
07	AN-SS-07-070928	LR71D	10/17/07
08	AN-SS-10-070928	LR71E	10/17/07
09	AN-SS-11-070928	LR71F	10/17/07
10	AN-SS-04	LR71H	10/17/07
11	AN-SS-05	LR71I	10/17/07
12	AN-SS-06	LR71J	10/17/07
13	AN-SS-10-070928	LR71E	10/17/07
14	AN-SS-11-070928	LR71F	10/17/07
15	AN-SS-04	LR71H	10/17/07
16	AN-SS-06	LR71J	10/17/07
17	AN-SS-08	LR71K	10/18/07
18	AN-SS-09	LR71L	10/18/07

ALL RUNS ARE DUAL COLUMN

FORM IV PCB

FORM 8
PCB INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No.: LR71 Project: KIMBERLY CLARK ANACO

GC Column: ZB5 ID: 0.53(mm) Instrument ID: ECD5

Init. Calib. Date: 10/16/07

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

		IS1 AREA	RT	IS2 AREA	RT
	ICAL MIDPT	31569414	2.327	9983366	11.445
	UPPER LIMIT	63138828	2.427	19966732	11.545
	LOWER LIMIT	15784707	2.227	4991683	11.345

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME	IS1 AREA	RT	IS2 AREA	RT
01	ZZZZZ	ZZZZZ	10/16/07	1324	29692546	2.343	9310326	11.451
02		AR1660 .25	10/16/07	1341	31569414	2.327	9983366	11.445
03		AR1660 .02	10/16/07	1359	31869113	2.322	10042884	11.445
04		AR1660 1.0	10/16/07	1416	31437582	2.320	9610019	11.443
05		AR1660 0.1	10/16/07	1433	34137766	2.325	10882314	11.444
06		AR1660 0.5	10/16/07	1450	33732708	2.324	11150922	11.443
07	ZZZZZ	ZZZZZ	10/16/07	1507	32611268	2.322	10722755	11.443
08		AR1242	10/16/07	1524	33033563	2.323	11364938	11.444
09		AR1248	10/16/07	1542	33462797	2.324	10503875	11.444
10		AR1254	10/16/07	1559	33035889	2.324	10920808	11.444
11		AR2162	10/16/07	1616	32536980	2.325	10398524	11.445
12		AR3268	10/16/07	1633	33893543	2.322	11004559	11.443
13		AR12422	10/17/07	0838	34484538	2.352	10321880	11.458
14		AR16602	10/17/07	0856	33072634	2.330	10646112	11.447
15	LR71MBS1	LR71MBS1	10/17/07	0913	29444181	2.328	10041602	11.446
16	LR71LCSS1	LR71LCSS1	10/17/07	0930	30348589	2.325	10141332	11.443
17	AN-SS-01-070	LR71A	10/17/07	0947	25664591	2.322	9544125	11.445
18	AN-SS-02-070	LR71B	10/17/07	1221	27651855	2.319	12932854	11.495
19	AN-SS-03-070	LR71C	10/17/07	1239	27014845	2.321	9103579	11.442
20	AN-SS-03-070	LR71CMS	10/17/07	1256	25745709	2.321	8704641	11.441
21	AN-SS-03-070	LR71CMSD	10/17/07	1313	28362985	2.323	8352625	11.443
22	AN-SS-07-070	LR71D	10/17/07	1330	26383680	2.322	8279031	11.442
23	AN-SS-10-070	LR71E	10/17/07	1347	27635450	2.320	10095695	11.441
24	AN-SS-11-070	LR71F	10/17/07	1404	27949068	2.320	9980902	11.442
25	AN-SS-04	LR71H	10/17/07	1421	25886290	2.322	10611687	11.446
26	AN-SS-05	LR71I	10/17/07	1439	26785157	2.323	8627398	11.442
27	AN-SS-06	LR71J	10/17/07	1456	27335710	2.325	8603163	11.441
28		AR12542	10/17/07	1656	32465949	2.324	7915567	11.442
29		AR16603	10/17/07	1713	31408365	2.321	8124236	11.442
30	AN-SS-10-070	LR71E	10/17/07	1730	31890129	2.322	8259077	11.441
31	AN-SS-11-070	LR71F	10/17/07	1747	33268391	2.325	9571972	11.441
32	AN-SS-04	LR71H	10/17/07	1804	31648776	2.323	9212077	11.440

IS1 = 1-Bromo-2-Nitrobenzene RT Window = RT +/- .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

ARI Job No.: LR71 Project: KIMBERLY CLARK ANACO

GC Column: ZB5 ID: 0.53(mm) Instrument ID: ECD5

Init. Calib. Date: 10/16/07

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

		IS1 AREA	RT	IS2 AREA	RT
	ICAL MIDPT	31569414	2.327	9983366	11.445
	UPPER LIMIT	63138828	2.427	19966732	11.545
	LOWER LIMIT	15784707	2.227	4991683	11.345

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME	IS1 AREA	RT	IS2 AREA	RT
33	AN-SS-06	LR71J	10/17/07	1822	29440958	2.323	8981736	11.441
34		AR12482	10/17/07	2313	32189513	2.320	8404718	11.441
35		AR16604	10/17/07	2330	31587087	2.323	8289248	11.442
36		AR12543	10/18/07	0918	36072509	2.352	8827155	11.459
37		AR16605	10/18/07	0935	33472339	2.329	9053161	11.446
38	AN-SS-08	LR71K	10/18/07	0953	28444578	2.331	8078427	11.445
39	AN-SS-09	LR71L	10/18/07	1010	30235999	2.325	8481610	11.442
40		AR12423	10/18/07	1719	34952186	2.326	7745613	11.445
41		AR16606	10/18/07	1736	34420131	2.321	7800988	11.444

IS1 = 1-Bromo-2-Nitrobenzene RT Window = RT +/- .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

ARI Job No.: LR71 Project: KIMBERLY CLARK ANACO

GC Column: ZB35 ID: 0.53(mm) Instrument ID: ECD5

Init. Calib. Date: 10/16/07

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

		IS1 AREA	RT	IS2 AREA	RT
	ICAL MIDPT	20324893	3.034	6610345	12.210
	UPPER LIMIT	40649786	3.134	13220690	12.310
	LOWER LIMIT	10162446	2.934	3305172	12.110

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME	IS1 AREA	RT	IS2 AREA	RT
01	ZZZZZ	ZZZZZ	10/16/07	1324	19808511	3.033	6267398	12.213
02		AR1660 .25	10/16/07	1341	20324893	3.034	6610345	12.210
03		AR1660 .02	10/16/07	1359	20963919	3.031	6742790	12.209
04		AR1660 1.0	10/16/07	1416	19760964	3.032	6642198	12.208
05		AR1660 0.1	10/16/07	1433	21895824	3.032	7309482	12.209
06		AR1660 0.5	10/16/07	1450	21386221	3.033	7518202	12.209
07	ZZZZZ	ZZZZZ	10/16/07	1507	21496463	3.030	7132843	12.209
08		AR1242	10/16/07	1524	21255964	3.032	7527133	12.209
09		AR1248	10/16/07	1542	21354940	3.031	6887836	12.208
10		AR1254	10/16/07	1559	21491816	3.032	7199807	12.209
11		AR2162	10/16/07	1616	20535027	3.032	6749695	12.210
12		AR3268	10/16/07	1633	21719653	3.031	7350682	12.209
13		AR12422	10/17/07	0838	21806832	3.036	7197679	12.217
14		AR16602	10/17/07	0856	21040880	3.037	7127495	12.212
15	LR71MBS1	LR71MBS1	10/17/07	0913	20520625	3.034	6754471	12.210
16	LR71LCSS1	LR71LCSS1	10/17/07	0930	20690521	3.034	6753305	12.209
17	AN-SS-01-070	LR71A	10/17/07	0947	18629750	3.028	6402713	12.209
18	AN-SS-02-070	LR71B	10/17/07	1221	19467573	3.031	9973302	12.205
19	AN-SS-03-070	LR71C	10/17/07	1239	19715121	3.031	6668083	12.206
20	AN-SS-03-070	LR71CMS	10/17/07	1256	17951609	3.030	6275679	12.207
21	AN-SS-03-070	LR71CMSD	10/17/07	1313	19868718	3.032	6549618	12.207
22	AN-SS-07-070	LR71D	10/17/07	1330	18562802	3.033	7501255	12.208
23	AN-SS-10-070	LR71E	10/17/07	1347	20521660	3.030	7803250	12.208
24	AN-SS-11-070	LR71F	10/17/07	1404	20263407	3.030	8404341	12.206
25	AN-SS-04	LR71H	10/17/07	1421	19293984	3.031	8689696	12.212
26	AN-SS-05	LR71I	10/17/07	1439	18237246	3.033	7277244	12.208
27	AN-SS-06	LR71J	10/17/07	1456	19224243	3.034	8023706	12.207
28		AR12542	10/17/07	1656	20945819	3.032	5991719	12.208
29		AR16603	10/17/07	1713	20341604	3.029	5780410	12.208
30	AN-SS-10-070	LR71E	10/17/07	1730	20430985	3.031	6175812	12.208
31	AN-SS-11-070	LR71F	10/17/07	1747	21082541	3.032	6321495	12.208
32	AN-SS-04	LR71H	10/17/07	1804	20953076	3.030	6333393	12.206

IS1 = 1-Bromo-2-Nitrobenzene RT Window = RT +/- .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

ARI Job No.: LR71 Project: KIMBERLY CLARK ANACO

GC Column: ZB35 ID: 0.53(mm) Instrument ID: ECD5

Init. Calib. Date: 10/16/07

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

		IS1 AREA	RT	IS2 AREA	RT
	ICAL MIDPT	20324893	3.034	6610345	12.210
	UPPER LIMIT	40649786	3.134	13220690	12.310
	LOWER LIMIT	10162446	2.934	3305172	12.110

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME	IS1 AREA	RT	IS2 AREA	RT
33	AN-SS-06	LR71J	10/17/07	1822	20496114	3.031	6059703	12.207
34		AR12482	10/17/07	2313	21104119	3.029	5880298	12.206
35		AR16604	10/17/07	2330	20325001	3.029	5921235	12.206
36		AR12543	10/18/07	0918	23056781	3.036	6687432	12.218
37		AR16605	10/18/07	0935	21382355	3.035	6406522	12.211
38	AN-SS-08	LR71K	10/18/07	0953	19525495	3.035	5733646	12.209
39	AN-SS-09	LR71L	10/18/07	1010	20977271	3.034	6008669	12.208
40		AR12423	10/18/07	1719	22319519	3.032	5506781	12.208
41		AR16606	10/18/07	1736	22516899	3.030	5502565	12.208

IS1 = 1-Bromo-2-Nitrobenzene RT Window = RT +/- .1 min
IS2 = Hexabromobiphenyl

* Indicates value outside QC Limits

PCB Analysis
Sample Data

prepared
for

ANCHOR ENVIRONMENTAL

Project : KIMBERLY CLARK ANACORTES

ARI JOB NO. LR71

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-SS-01-070927
SAMPLE

Lab Sample ID: LR71A
LIMS ID: 07-20766
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 09:47
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 51.5%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	Aroclor 1248	4.0	< 4.0 U
11097-69-1	**Aroclor 1254**	**4.0**	**8.6**
11096-82-5	Aroclor 1260	4.0	< 4.0 U
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	106%
Tetrachlorometaxylene	82.0%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20071016.b/1017-1.b/1017B005.d
Data file 2: 20071016.b/1017-2.b/1017B005.d
Method: /chem2/ecd5.i/20071016.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: LR71A
Client ID: AN-SS-01-070927
Injection Date: 17-OCT-2007 09:47
Report Date: 10/17/2007 13:48
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
4.523	0.000	11029423	4.605	0.000	7895701	32.8	32.2	1.7	Tetrachloro-m-xylene MN
11.136	0.001	10560459	11.498	0.002	6535450	34.8	42.5	19.8	Decachlorobiphenyl MN

* 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	82.0	80.6
Decachlorobiphenyl	87.1	106.3

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	31569414	25664591	-18.7
Hexabromobiphenyl	9983366	9544125	-4.4

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	20324893	18629750	-8.3
Hexabromobiphenyl	6610345	6402713	-3.1

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 16-OCT-2007
<- 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	5.694	-0.001	1587384	196.0	1	5.824	0.000	490138	53.2	
Aroclor-1016	2	5.985	-0.006	1109885	45.3	2	6.295	0.002	489806	25.2	
Aroclor-1016	3	6.101	-0.002	604022	56.2	3	6.452	-0.001	175411	22.6	
Aroclor-1016	4	6.355	-0.002	2031841	308.5	4	6.990	0.000	616512	101.0	
	Total Col1Ave (4 peaks):				151.5	Total Col2Ave (4 peaks):				50.5	RPD = 100*
	Corrected Ave (3 peaks):				99.2	Corrected Ave (3 peaks):				33.6	RPD = 99*
Aroclor-1221	1	4.777	-0.006	30108	8.5	1	5.025	-0.041	118317	39.0	
Aroclor-1221	2	4.912	0.003	239796	101.7	2	5.294	0.054	2158718	1235.7	
Aroclor-1221	3	5.000	0.014	416541	52.3	3	---			0.0	
Aroclor-1221	NS	---			----	4	5.824	-0.012	490138	227.6	
	Total Col1Ave (3 peaks):				54.2	Total Col2Ave (3 peaks):				500.8	RPD = 161*
	Corrected Ave: < 3 Peaks					Corrected Ave: < 3 Peaks					
Aroclor-1232	1	5.000	0.016	416541	62.3	1	5.294	-0.029	2158718	477.5	
Aroclor-1232	2	5.694	-0.001	1587384	436.0	2	5.824	-0.001	490138	108.0	
Aroclor-1232	3	5.985	-0.006	1109885	102.3	3	6.295	0.001	489806	57.1	
Aroclor-1232	4	6.101	-0.003	604022	122.6	4	6.585	-0.004	192359	89.5	
	Total Col1Ave (4 peaks):				180.8	Total Col2Ave (4 peaks):				183.0	RPD = 1
	Corrected Ave (3 peaks):				95.8	Corrected Ave (3 peaks):				84.9	RPD = 12
Aroclor-1242	1	5.694	-0.002	1587384	243.1	1	5.294	-0.029	2158718	575.2	
Aroclor-1242	2	5.985	-0.007	1109885	56.6	2	5.824	0.000	490138	66.7	
Aroclor-1242	3	6.101	-0.003	604022	69.7	3	6.295	0.002	489806	32.0	
Aroclor-1242	4	6.731	-0.004	503060	60.6	4	6.452	-0.001	175411	28.7	
Aroclor-1242	NS	---			----	5	7.349	-0.001	942028	160.7	
	Total Col1Ave (4 peaks):				107.5	Total Col2Ave (5 peaks):				172.7	RPD = 47*
	Corrected Ave (3 peaks):				62.3	Corrected Ave (4 peaks):				72.0	RPD = 14
Aroclor-1248	1	5.985	-0.007	1109885	77.6	1	6.295	0.004	489806	42.7	
Aroclor-1248	2	6.101	-0.004	604022	111.0	2	6.655	0.000	795535	125.0	
Aroclor-1248	3	6.355	-0.003	2031841	239.4	3	6.990	0.001	616512	82.5	
Aroclor-1248	4	6.731	-0.005	503060	40.2	4	7.349	-0.001	942028	91.0	
Aroclor-1248	5	7.076	0.002	3843615	232.2	NS	---			----	
	Total Col1Ave (5 peaks):				140.1	Total Col2Ave (4 peaks):				85.3	RPD = 49*
	Corrected Ave (4 peaks):				115.2	Corrected Ave (4 peaks):				85.3	RPD = 30
Aroclor-1254	1	7.321	-0.001	3697805	202.3	1	7.597	0.000	1941764	182.9	
Aroclor-1254	2	7.630	-0.002	2654357	235.8	2	8.036	0.000	1554979	192.2	
Aroclor-1254	3	7.741	-0.004	4758509	212.8	3	8.160	-0.002	3079333	176.7	
Aroclor-1254	4	8.025	-0.007	5426203	225.4	4	8.357	-0.007	3628273	206.3	
Aroclor-1254	5	8.333	-0.003	2890338	204.4	5	8.814	-0.003	2222869	224.6	
	Total Col1Ave (5 peaks):				216.1	Total Col2Ave (5 peaks):				196.6	RPD = 9
	Corrected Ave (5 peaks):				216.1	Corrected Ave (5 peaks):				196.6	RPD = 9
Aroclor-1260	1	8.785	0.005	474959	27.8	1	9.074	0.001	193210	19.6	
Aroclor-1260	2	9.015	-0.034	678833	46.9	2	9.141	0.001	527401	94.5	
Aroclor-1260	3	9.347	-0.002	859153	22.5	3	9.667	0.003	630187	26.8	
Aroclor-1260	4	9.667	-0.023	2638628	149.5	4	10.112	0.008	221860	34.9	
Aroclor-1260	5	9.819	-0.021	553064	50.6	5	10.155	0.001	293518	20.0	
	Total Col1Ave (5 peaks):				59.5	Total Col2Ave (5 peaks):				39.2	RPD = 41*
	Corrected Ave (4 peaks):				36.9	Corrected Ave (4 peaks):				25.3	RPD = 37
Aroclor-1262	1	9.015	-0.035	678833	34.9	1	9.074	0.000	193210	12.0	
Aroclor-1262	2	9.347	-0.004	859153	17.5	2	9.667	0.001	630187	21.2	
Aroclor-1262	3	9.667	-0.024	2638628	176.0	3	10.112	0.009	221860	17.7	
Aroclor-1262	4	9.819	-0.022	553064	25.7	4	10.155	-0.002	293518	15.2	
Aroclor-1262	5	10.358	-0.028	1747393	107.1	5	10.734	-0.012	638868	67.3	
	Total Col1Ave (5 peaks):				72.2	Total Col2Ave (5 peaks):				26.7	RPD = 92*
	Corrected Ave (4 peaks):				46.3	Corrected Ave (4 peaks):				16.5	RPD = 95*
Aroclor-1268	1	9.772	-0.006	421814	7.8	1	10.112	0.011	221860	7.5	
Aroclor-1268	2	9.819	-0.019	553064	10.7	2	10.155	-0.003	293518	10.4	
Aroclor-1268	3	10.133	-0.028	109030	2.5	3	10.503	0.010	1629966	73.4	

Aroclor-1268	4	10.813	0.014	2714734	23.3	4	11.118	-0.033	1833183	28.3

Total Col1Ave (4 peaks): 11.1 Total Col2Ave (4 peaks): 29.9 RPD = 92*

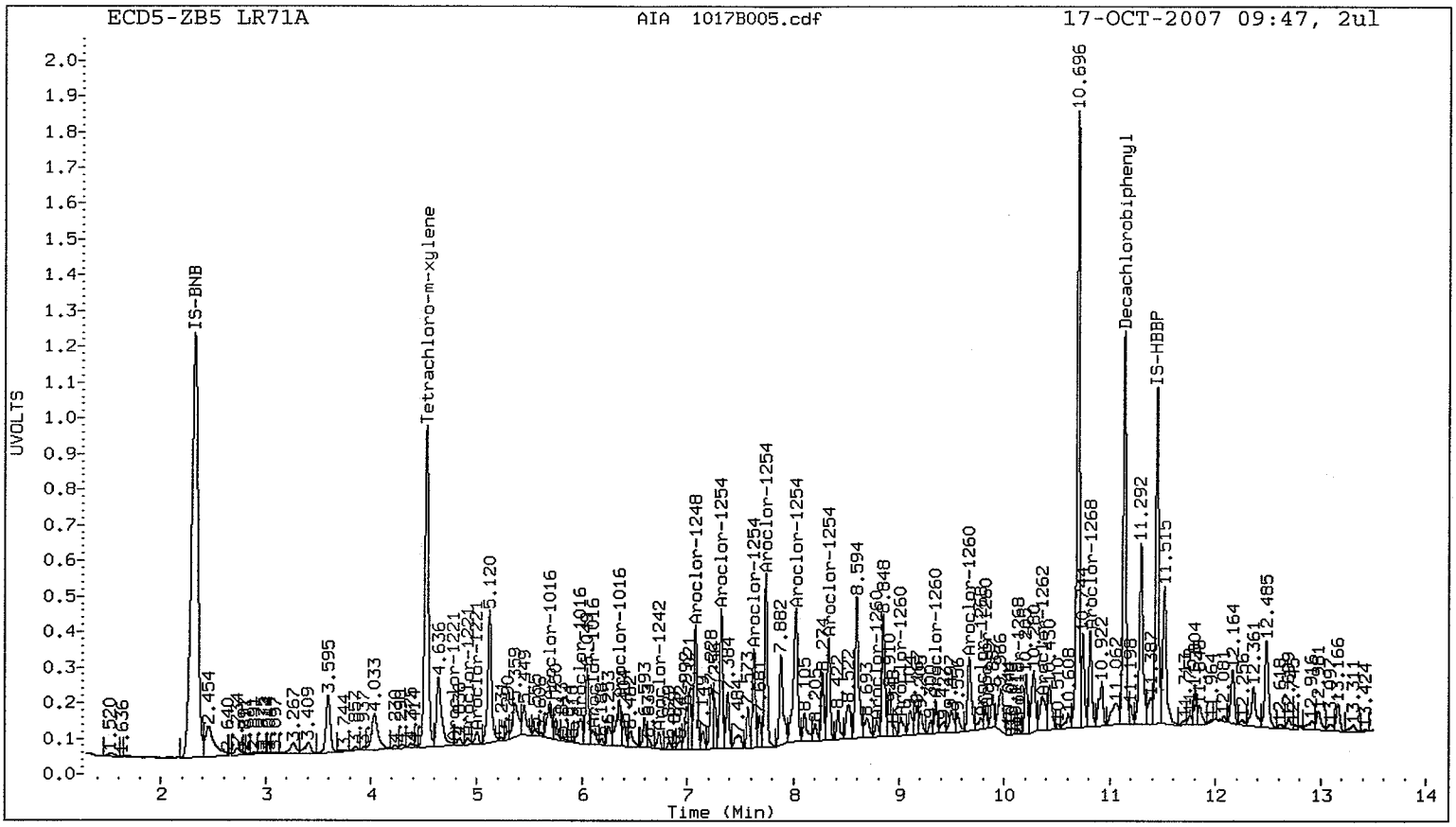
Corrected Ave (3 peaks): 7.0 Corrected Ave (3 peaks): 15.4 RPD = 75*

Total PCB Area Col1 (4.623 - 11.035) = 123045357 Col1 Total PCB = 0.6 ppm*

Total PCB Area Col2 (4.705 - 11.396) = 66206119 Col2 Total PCB = 0.5 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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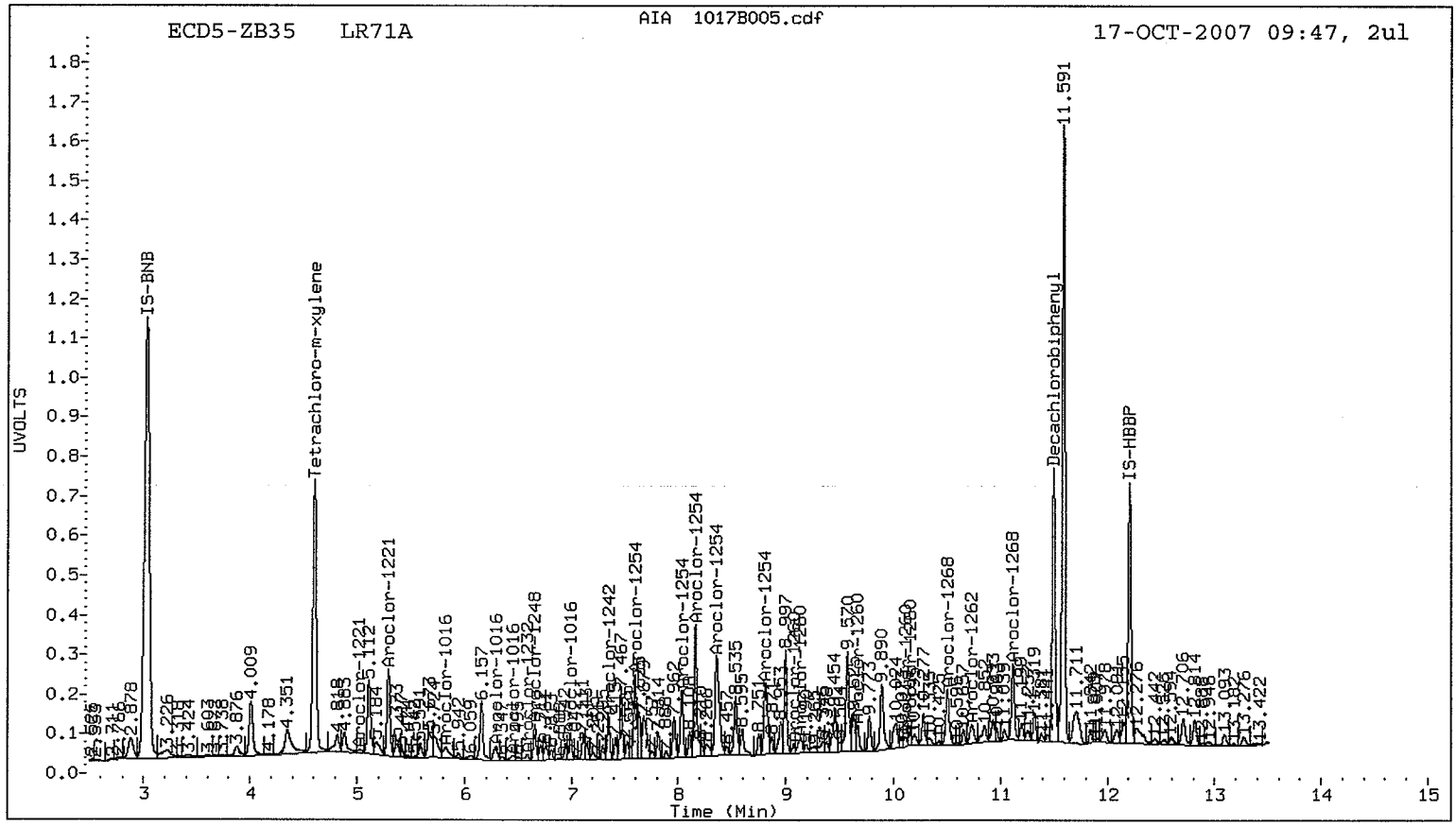
AIA 1017B005.cdf
17-OCT-2007 09:47, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
Aroclor-1016
Aroclor-1221
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268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AIA 1017B005.cdf
17-OCT-2007 09:47, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
Aroclor-1016
Aroclor-1221
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-SS-02-070927
SAMPLE

Lab Sample ID: LR71B
LIMS ID: 07-20767
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 12:21
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 50.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**12**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	76.0%
Tetrachlorometaxylene	87.5%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20071016.b/1017-1.b/1017B014.d
Data file 2: 20071016.b/1017-2.b/1017B014.d
Method: /chem2/ecd5.i/20071016.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: LR71B
Client ID: AN-SS-02-070927
Injection Date: 17-OCT-2007 12:21
Report Date: 10/17/2007 13:48
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
4.522	0.000	10741653	4.605	0.000	8955406	29.6	35.0	16.5	Tetrachloro-m-xylene M
11.136	0.001	12476209	11.498	0.002	7049634	30.4	29.4	3.2	Decachlorobiphenyl MN

* 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	74.1	87.5
Decachlorobiphenyl	75.9	73.6

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	31569414	27651855	-12.4
Hexabromobiphenyl	9983366	12932854	29.5

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	20324893	19467573	-4.2
Hexabromobiphenyl	6610345	9973302	50.9

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 16-OCT-2007
<- Indicates standard response outside Limits (-50 to +100%)

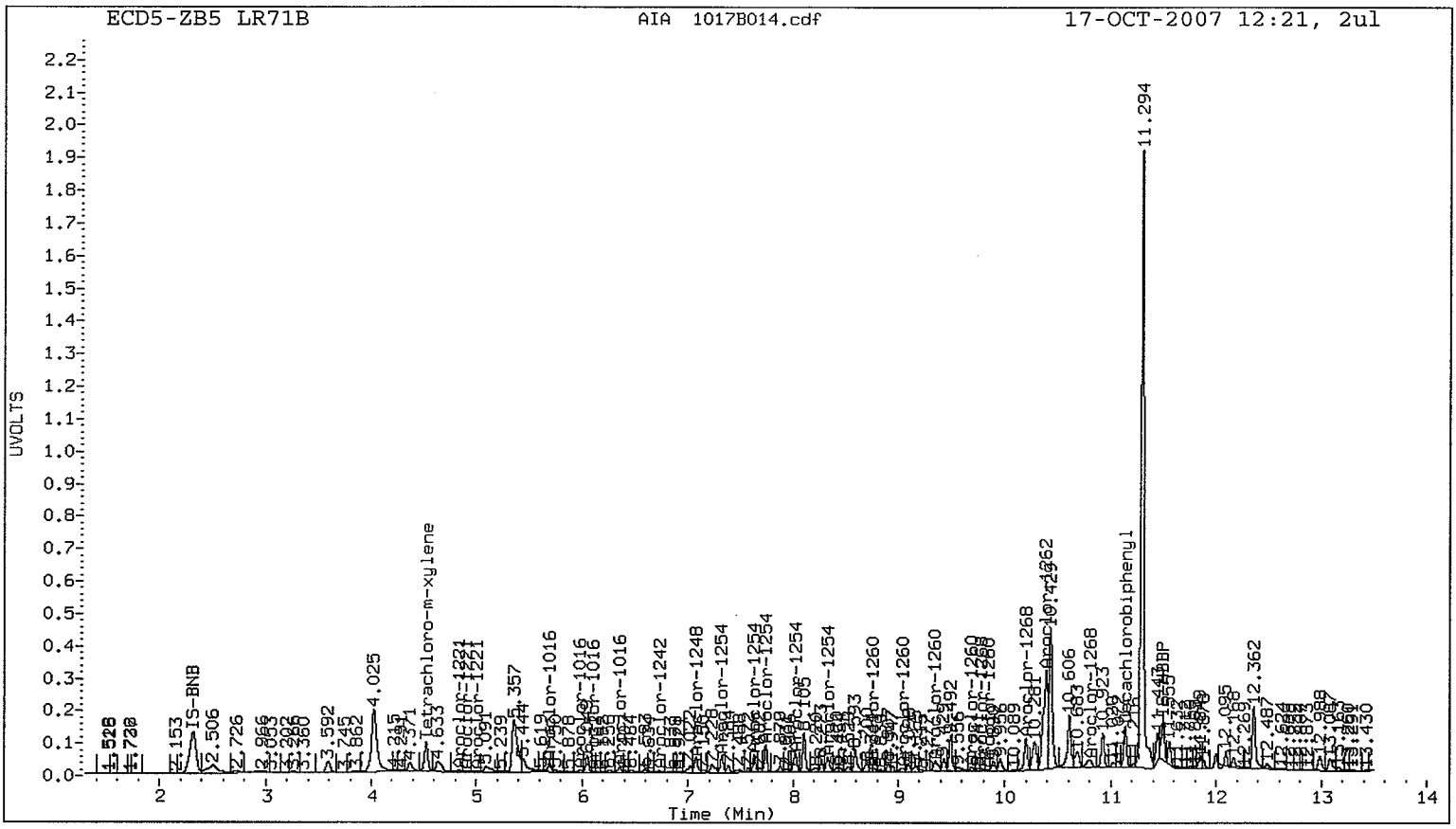
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.696	0.000	3531318	404.6	1	5.909	0.085	538335	55.9
Aroclor-1016	2	5.983	-0.008	1220958	46.3	2	6.295	0.002	409318	20.1
Aroclor-1016	3	6.101	-0.001	345944	29.9	3	6.434	-0.019	302788	37.3
Aroclor-1016	4	6.356	-0.001	1966379	277.1	4	6.989	0.000	746954	117.1
Total Col1Ave (4 peaks):					189.5	Total Col2Ave (4 peaks):				57.6 RPD = 107*
Corrected Ave (3 peaks):					117.7	Corrected Ave (3 peaks):				37.8 RPD = 103*
Aroclor-1221	1	4.832	0.050	861467	226.0	1	5.109	0.043	3178907	1003.8
Aroclor-1221	2	4.908	0.000	501229	197.4	2	5.290	0.049	876763	480.3
Aroclor-1221	3	5.003	0.018	735475	85.8	3	---			0.0
Aroclor-1221	NS	---			----	4	5.909	0.073	538335	239.2
Total Col1Ave (3 peaks):					169.7	Total Col2Ave (3 peaks):				574.4 RPD = 109*
Corrected Ave (3 peaks):					169.7	Corrected Ave: < 3 Peaks				
Aroclor-1232	1	5.003	0.020	735475	102.2	1	5.290	-0.033	876763	185.6
Aroclor-1232	2	5.696	0.000	3531318	900.3	2	5.909	0.084	538335	113.5
Aroclor-1232	3	5.983	-0.007	1220958	104.5	3	6.295	0.001	409318	45.6
Aroclor-1232	4	6.101	-0.003	345944	65.2	4	6.585	-0.005	178898	79.6
Total Col1Ave (4 peaks):					293.0	Total Col2Ave (4 peaks):				106.1 RPD = 94*
Corrected Ave (3 peaks):					90.6	Corrected Ave (3 peaks):				79.6 RPD = 13
Aroclor-1242	1	5.696	0.000	3531318	501.9	1	5.290	-0.033	876763	223.6
Aroclor-1242	2	5.983	-0.008	1220958	57.8	2	5.909	0.085	538335	70.2
Aroclor-1242	3	6.101	-0.003	345944	37.0	3	6.295	0.002	409318	25.6
Aroclor-1242	4	6.734	-0.001	741799	82.9	4	6.434	-0.019	302788	47.4
Aroclor-1242	NS	---			----	5	7.349	0.000	1017548	166.1
Total Col1Ave (4 peaks):					169.9	Total Col2Ave (5 peaks):				106.6 RPD = 46*
Corrected Ave (3 peaks):					59.3	Corrected Ave (4 peaks):				77.3 RPD = 26
Aroclor-1248	1	5.983	-0.009	1220958	79.2	1	6.295	0.004	409318	34.1
Aroclor-1248	2	6.101	-0.004	345944	59.0	2	6.655	0.000	1179898	177.4
Aroclor-1248	3	6.356	-0.002	1966379	215.0	3	6.989	0.000	746954	95.7
Aroclor-1248	4	6.734	-0.002	741799	55.1	4	7.349	0.000	1017548	94.1
Aroclor-1248	5	7.075	0.001	5378083	301.6	NS	---			----
Total Col1Ave (5 peaks):					142.0	Total Col2Ave (4 peaks):				100.3 RPD = 34
Corrected Ave (4 peaks):					102.1	Corrected Ave (3 peaks):				74.6 RPD = 31
Aroclor-1254	1	7.322	-0.001	4904879	249.0	1	7.596	-0.001	3122243	281.4
Aroclor-1254	2	7.629	-0.003	5061339	417.4	2	8.036	0.000	2187328	258.8
Aroclor-1254	3	7.740	-0.005	7895781	327.7	3	8.160	-0.001	4318448	237.2
Aroclor-1254	4	8.024	-0.008	6611636	254.9	4	8.356	-0.008	5112644	278.2
Aroclor-1254	5	8.333	-0.003	4840280	317.6	5	8.811	-0.005	4399370	425.4
Total Col1Ave (5 peaks):					313.3	Total Col2Ave (5 peaks):				296.2 RPD = 6
Corrected Ave (5 peaks):					313.3	Corrected Ave (5 peaks):				296.2 RPD = 6
Aroclor-1260	1	8.766	-0.014	1063025	45.9	1	9.072	0.000	286568	18.7
Aroclor-1260	2	9.047	-0.001	1536656	78.3	2	9.135	-0.005	413626	47.6
Aroclor-1260	3	9.349	0.000	4744926	91.8	3	9.669	0.005	2087232	57.0
Aroclor-1260	4	9.688	-0.002	1364961	57.1	4	10.106	0.003	1226161	123.8
Aroclor-1260	5	9.842	0.002	433381	29.3	5	10.153	-0.001	955310	41.9
Total Col1Ave (5 peaks):					60.5	Total Col2Ave (5 peaks):				57.8 RPD = 5
Corrected Ave (5 peaks):					60.5	Corrected Ave (4 peaks):				41.3 RPD = 38
Aroclor-1262	1	9.047	-0.002	1536656	58.2	1	9.072	-0.002	286568	11.4
Aroclor-1262	2	9.349	-0.002	4744926	71.4	2	9.669	0.003	2087232	45.0
Aroclor-1262	3	9.688	-0.002	1364961	67.2	3	10.106	0.004	1226161	62.7
Aroclor-1262	4	9.842	0.001	433381	14.9	4	10.153	-0.004	955310	31.7
Aroclor-1262	5	10.390	0.004	44495429	2012.3	5	10.721	-0.025	18510311	1251.4
Total Col1Ave (5 peaks):					444.8	Total Col2Ave (5 peaks):				280.5 RPD = 45*
Corrected Ave (4 peaks):					52.9	Corrected Ave (4 peaks):				37.7 RPD = 34
Aroclor-1268	1	9.775	-0.003	711603	9.7	1	10.106	0.005	1226161	26.5
Aroclor-1268	2	9.842	0.004	433381	6.2	2	10.153	-0.006	955310	21.7
Aroclor-1268	3	10.198	0.037	10425565	176.5	3	10.495	0.002	7347752	212.3

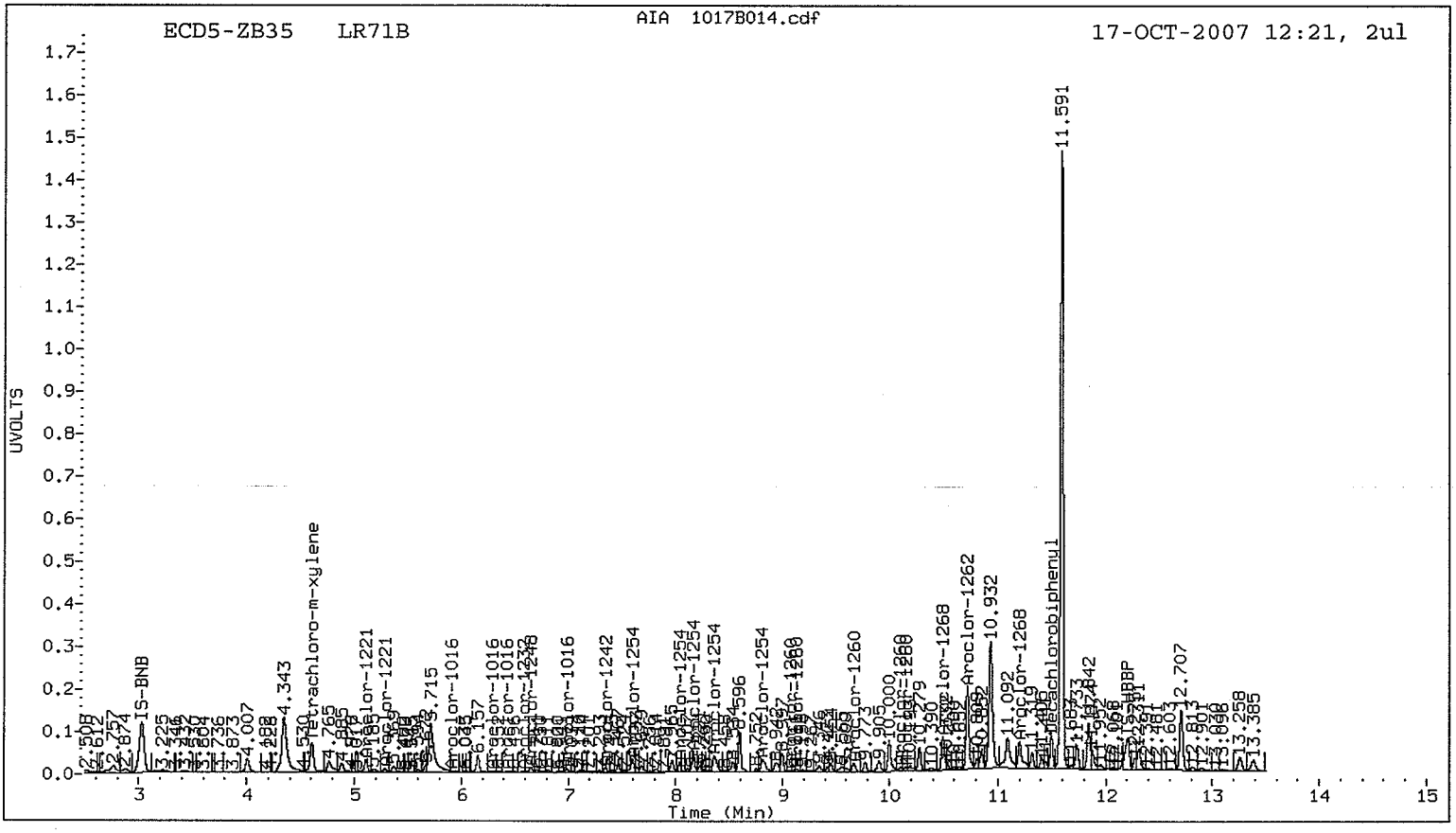
Aroclor-1268	4	10.802	0.003	4834658	30.6	4	11.204	0.052	8047386	79.6	
Total Col1Ave (4 peaks):				55.7		Total Col2Ave (4 peaks):			85.0	RPD =	42*
Corrected Ave (3 peaks):				15.5		Corrected Ave (3 peaks):			42.6	RPD =	93*

Total PCB Area Col1 (4.623 - 11.035) = 356072667 Col1 Total PCB = 1.7 ppm*

Total PCB Area Col2 (4.705 - 11.396) = 225071447 Col2 Total PCB = 1.6 ppm*

* Quantitated against AR1660 0.25ppm in Ical


ECD5-ZB5 LR71B
AIA 1017B014.cdf
17-OCT-2007 12:21, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
11.294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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
11.591

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-SS-03-070928
SAMPLE

Lab Sample ID: LR71C
LIMS ID: 07-20768
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 12:39
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 33.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	87.8%
Tetrachlorometaxylene	72.2%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20071016.b/1017-1.b/1017B015.d
Data file 2: 20071016.b/1017-2.b/1017B015.d
Method: /chem2/ecd5.i/20071016.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: LR71C
Client ID: AN-SS-03-070928
Injection Date: 17-OCT-2007 12:39
Report Date: 10/17/2007 13:48
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
4.519	-0.004	10223547	4.602	-0.003	7097591	28.9	27.4	5.3	Tetrachloro-m-xylene MN
11.134	-0.001	9941879	11.496	-0.001	5625490	34.4	35.1	2.1	Decachlorobiphenyl MN

* 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	72.2	68.5
Decachlorobiphenyl	86.0	87.8

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	31569414	27014845	-14.4
Hexabromobiphenyl	9983366	9103579	-8.8

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	20324893	19715121	-3.0
Hexabromobiphenyl	6610345	6668083	0.9

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 16-OCT-2007
<- Indicates standard response outside Limits (-50 to +100%)

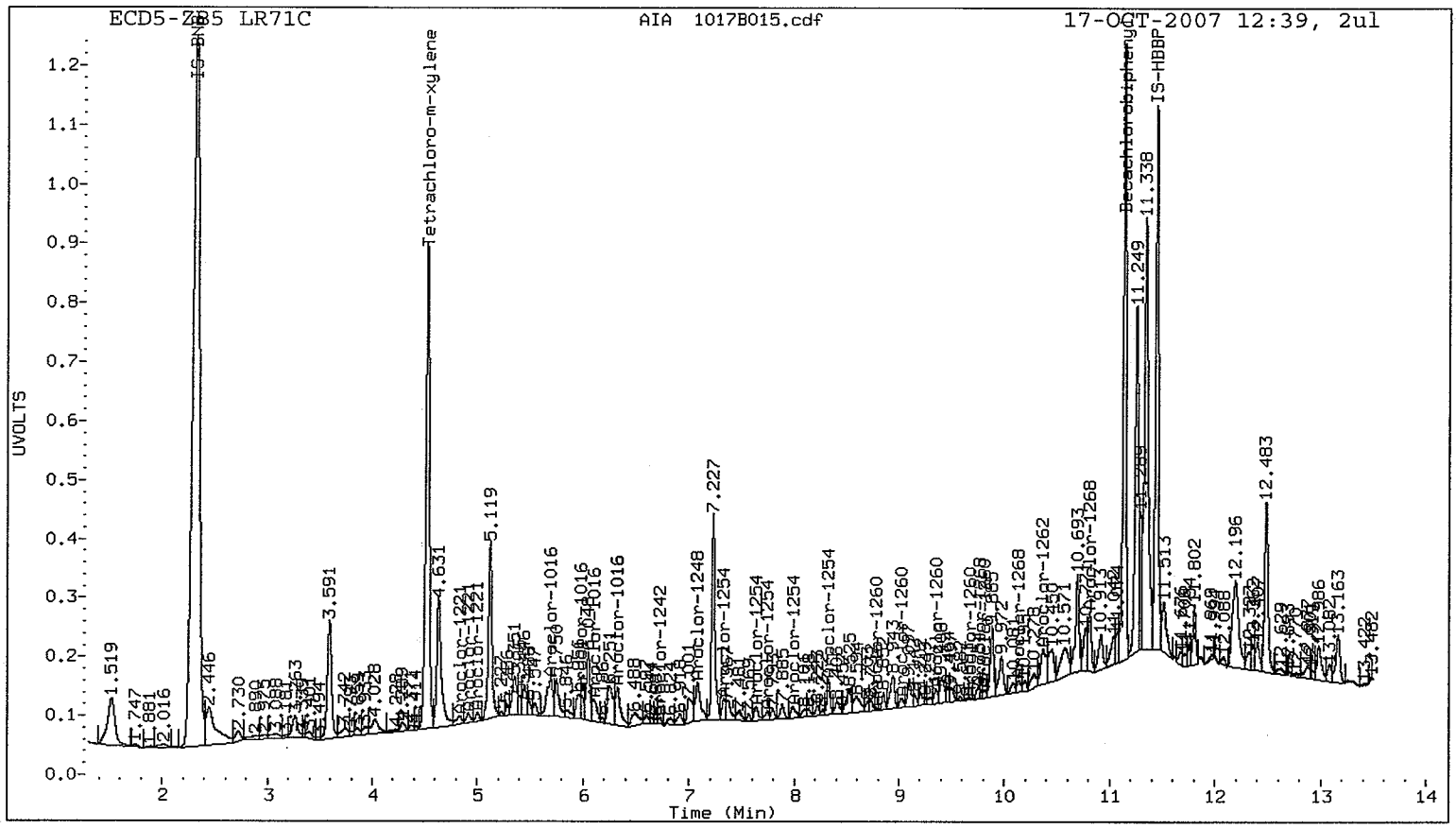
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.697	0.002	1265515	148.4	1	5.824	-0.001	74988	7.7
Aroclor-1016	2	5.984	-0.006	356338	13.8	2	6.303	0.010	97900	4.8
Aroclor-1016	3	6.103	0.000	603853	53.4	3	6.434	-0.019	22941	2.8
Aroclor-1016	4	6.324	-0.032	1099849	158.6	4	6.990	0.000	120505	18.6
	Total Col1Ave (4 peaks):				93.6	Total Col2Ave (4 peaks):				8.5 RPD = 167*
	Corrected Ave (4 peaks):				93.6	Corrected Ave (3 peaks):				5.1 RPD = 179*
Aroclor-1221	1	4.835	0.052	277959	74.6	1	5.030	-0.036	153601	47.9
Aroclor-1221	2	4.912	0.003	261060	105.2	2	5.188	-0.052	346399	187.4
Aroclor-1221	3	4.999	0.013	206663	24.7	3	5.293	-0.030	1653845	293.4
Aroclor-1221	NS	---			----	4	5.824	-0.013	74988	32.9
	Total Col1Ave (3 peaks):				68.2	Total Col2Ave (4 peaks):				140.4 RPD = 69*
	Corrected Ave (3 peaks):				68.2	Corrected Ave (3 peaks):				89.4 RPD = 27
Aroclor-1232	1	4.999	0.015	206663	29.4	1	5.293	-0.030	1653845	345.7
Aroclor-1232	2	5.697	0.002	1265515	330.2	2	5.824	-0.002	74988	15.6
Aroclor-1232	3	5.984	-0.006	356338	31.2	3	6.303	0.009	97900	10.8
Aroclor-1232	4	6.103	-0.002	603853	116.5	4	6.568	-0.022	131866	58.0
	Total Col1Ave (4 peaks):				126.8	Total Col2Ave (4 peaks):				107.5 RPD = 16
	Corrected Ave (3 peaks):				59.0	Corrected Ave (3 peaks):				28.1 RPD = 71*
Aroclor-1242	1	5.697	0.002	1265515	184.1	1	5.293	-0.030	1653845	416.4
Aroclor-1242	2	5.984	-0.007	356338	17.3	2	5.824	-0.001	74988	9.6
Aroclor-1242	3	6.103	-0.001	603853	66.2	3	6.303	0.010	97900	6.0
Aroclor-1242	4	6.729	-0.007	65889	7.5	4	6.434	-0.019	22941	3.5
Aroclor-1242	NS	---			----	5	7.348	-0.001	50591	8.2
	Total Col1Ave (4 peaks):				68.8	Total Col2Ave (5 peaks):				88.8 RPD = 25
	Corrected Ave (3 peaks):				30.3	Corrected Ave (4 peaks):				6.8 RPD = 126*
Aroclor-1248	1	5.984	-0.008	356338	23.7	1	6.303	0.012	97900	8.1
Aroclor-1248	2	6.103	-0.002	603853	105.4	2	6.657	0.001	40028	5.9
Aroclor-1248	3	6.324	-0.033	1099849	123.1	3	6.990	0.001	120505	15.2
Aroclor-1248	4	6.729	-0.007	65889	5.0	4	7.348	-0.001	50591	4.6
Aroclor-1248	5	7.081	0.007	1157338	66.4	NS	---			----
	Total Col1Ave (5 peaks):				64.7	Total Col2Ave (4 peaks):				8.5 RPD = 154*
	Corrected Ave (4 peaks):				50.1	Corrected Ave (3 peaks):				6.2 RPD = 156*
Aroclor-1254	1	7.333	0.010	419275	21.8	1	7.635	0.038	2302676	205.0
Aroclor-1254	2	7.639	0.008	308457	26.0	2	8.045	0.010	146112	17.1
Aroclor-1254	3	7.741	-0.004	193714	8.2	3	8.156	-0.006	109555	5.9
Aroclor-1254	4	7.989	-0.043	315441	12.4	4	8.357	-0.007	274345	14.7
Aroclor-1254	5	8.326	-0.010	646863	43.5	5	8.834	0.017	392609	37.5
	Total Col1Ave (5 peaks):				22.4	Total Col2Ave (5 peaks):				56.0 RPD = 86*
	Corrected Ave (4 peaks):				17.1	Corrected Ave (4 peaks):				18.8 RPD = 9
Aroclor-1260	1	8.779	-0.001	40555	2.5	1	9.064	-0.008	77278	7.5
Aroclor-1260	2	9.019	-0.029	217921	15.8	2	9.156	0.016	274767	47.3
Aroclor-1260	3	9.352	0.004	282112	7.8	3	9.656	-0.008	147881	6.0
Aroclor-1260	4	9.670	-0.020	13680	0.8	4	10.075	-0.028	342816	51.8
Aroclor-1260	5	9.814	-0.026	128393	12.3	5	10.201	0.047	322920	21.2
	Total Col1Ave (5 peaks):				7.8	Total Col2Ave (5 peaks):				26.8 RPD = 109*
	Corrected Ave (4 peaks):				5.8	Corrected Ave (3 peaks):				11.6 RPD = 66*
Aroclor-1262	1	9.019	-0.030	217921	11.7	1	9.064	-0.010	77278	4.6
Aroclor-1262	2	9.352	0.002	282112	6.0	2	9.656	-0.010	147881	4.8
Aroclor-1262	3	9.670	-0.020	13680	1.0	3	10.075	-0.027	342816	26.2
Aroclor-1262	4	9.814	-0.028	128393	6.3	4	10.201	0.043	322920	16.0
Aroclor-1262	5	10.366	-0.019	1162036	74.7	5	10.754	0.008	582262	58.9
	Total Col1Ave (5 peaks):				19.9	Total Col2Ave (5 peaks):				22.1 RPD = 10
	Corrected Ave (4 peaks):				6.2	Corrected Ave (4 peaks):				12.9 RPD = 70*
Aroclor-1268	1	9.768	-0.010	113416	2.2	1	10.075	-0.026	342816	11.1
Aroclor-1268	2	9.814	-0.025	128393	2.6	2	10.201	0.042	322920	11.0
Aroclor-1268	3	10.135	-0.027	279412	6.7	3	10.500	0.006	204578	8.8

Aroclor-1268	4	10.808	0.009	1086806	9.8	4	11.107	-0.044	623390	9.2	
Total Col1Ave (4 peaks):				5.3	Total Col2Ave (4 peaks):				10.0	RPD =	61*
Corrected Ave (3 peaks):				3.8	Corrected Ave (4 peaks):				10.0	RPD =	89*

Total PCB Area Col1 (4.623 - 11.035) = 47542184 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (4.705 - 11.396) = 25743608 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical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Time (Min)
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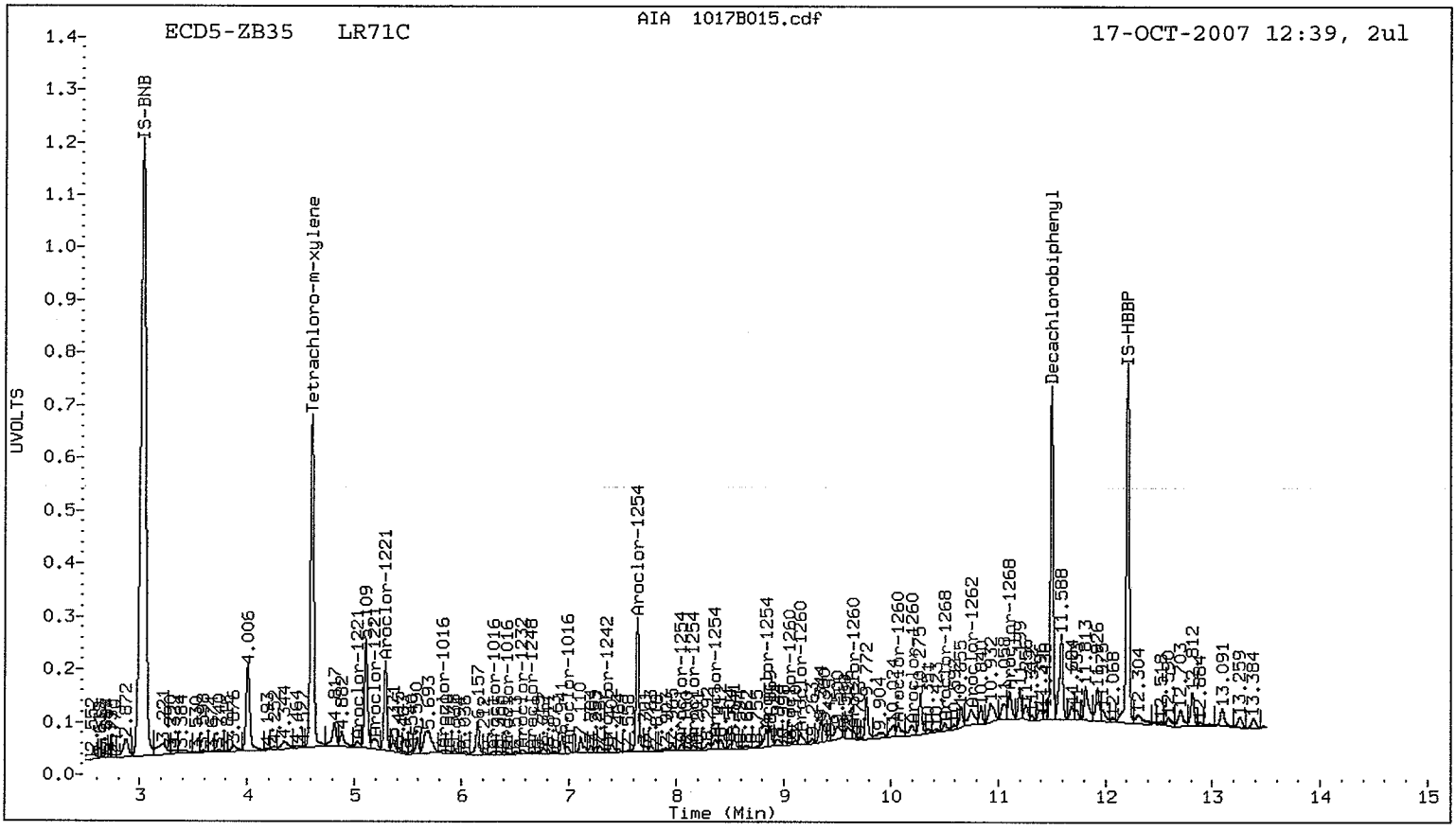
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
Aroclor-1016
Aroclor-1221
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268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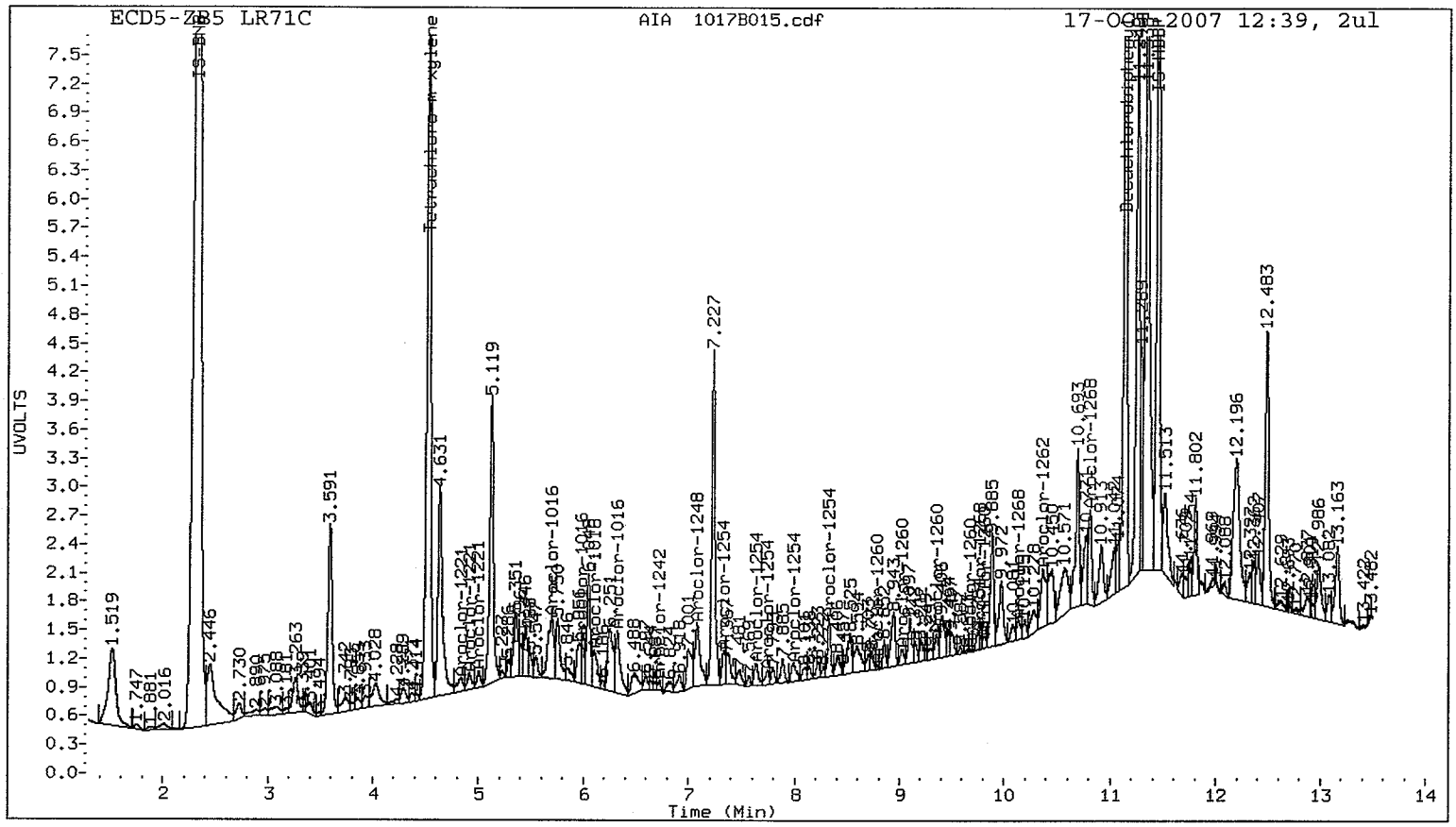
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
Aroclor-1016
Aroclor-1221
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268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Time (Min)
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Tetrachloro-m-xylene
Decachlorobiphenyl
IS=HBBP
Aroclor-1016
Aroclor-1221
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
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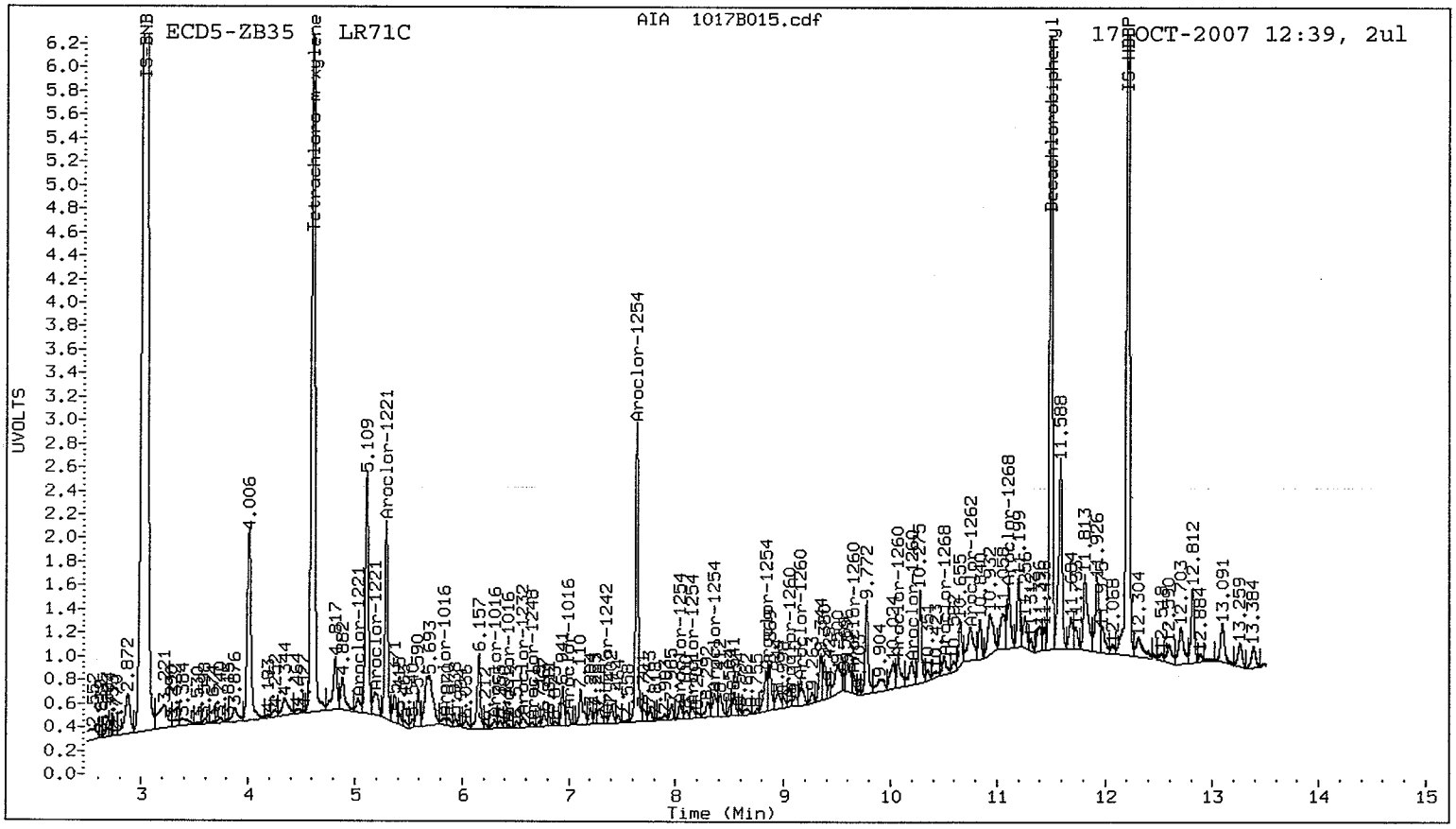
3.591
4.631
5.119
7.227
11.513
11.802
12.196
12.483
13.163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UVOLTS
Time (Min)
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Tetrachloro-m-xylene
Decachlorobiphenyl
IS=HBBP
Aroclor-1016
Aroclor-1221
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
4.006
5.109
6.157
7.110
9.772
11.588
12.304
13.091
13.259
13.384

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-SS-07-070928
SAMPLE

Lab Sample ID: LR71D
LIMS ID: 07-20769
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 13:30
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 28.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	7.8	< 7.8 Y
11097-69-1	**Aroclor 1254**	**3.9**	**39**
11096-82-5	**Aroclor 1260**	**3.9**	**34**
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	102%
Tetrachlorometaxylene	80.0%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20071016.b/1017-1.b/1017B018.d
Data file 2: 20071016.b/1017-2.b/1017B018.d
Method: /chem2/ecd5.i/20071016.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: LR71D
Client ID: AN-SS-07-070928
Injection Date: 17-OCT-2007 13:30
Report Date: 10/17/2007 15:17
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
4.522	0.000	11004087	4.606	0.001	7819085	31.8	32.0	0.6	Tetrachloro-m-xylene MN
11.135	0.000	10761669	11.496	0.000	6175682	40.9	34.3	17.7	DecachlorobiphenylN

* 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	79.6	80.1
Decachlorobiphenyl	102.3	85.7

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	31569414	26383680	-16.4
Hexabromobiphenyl	9983366	8279031	-17.1

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	20324893	18562802	-8.7
Hexabromobiphenyl	6610345	7501255	13.5

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 16-OCT-2007
<- Indicates standard response outside Limits (-50 to +100%)

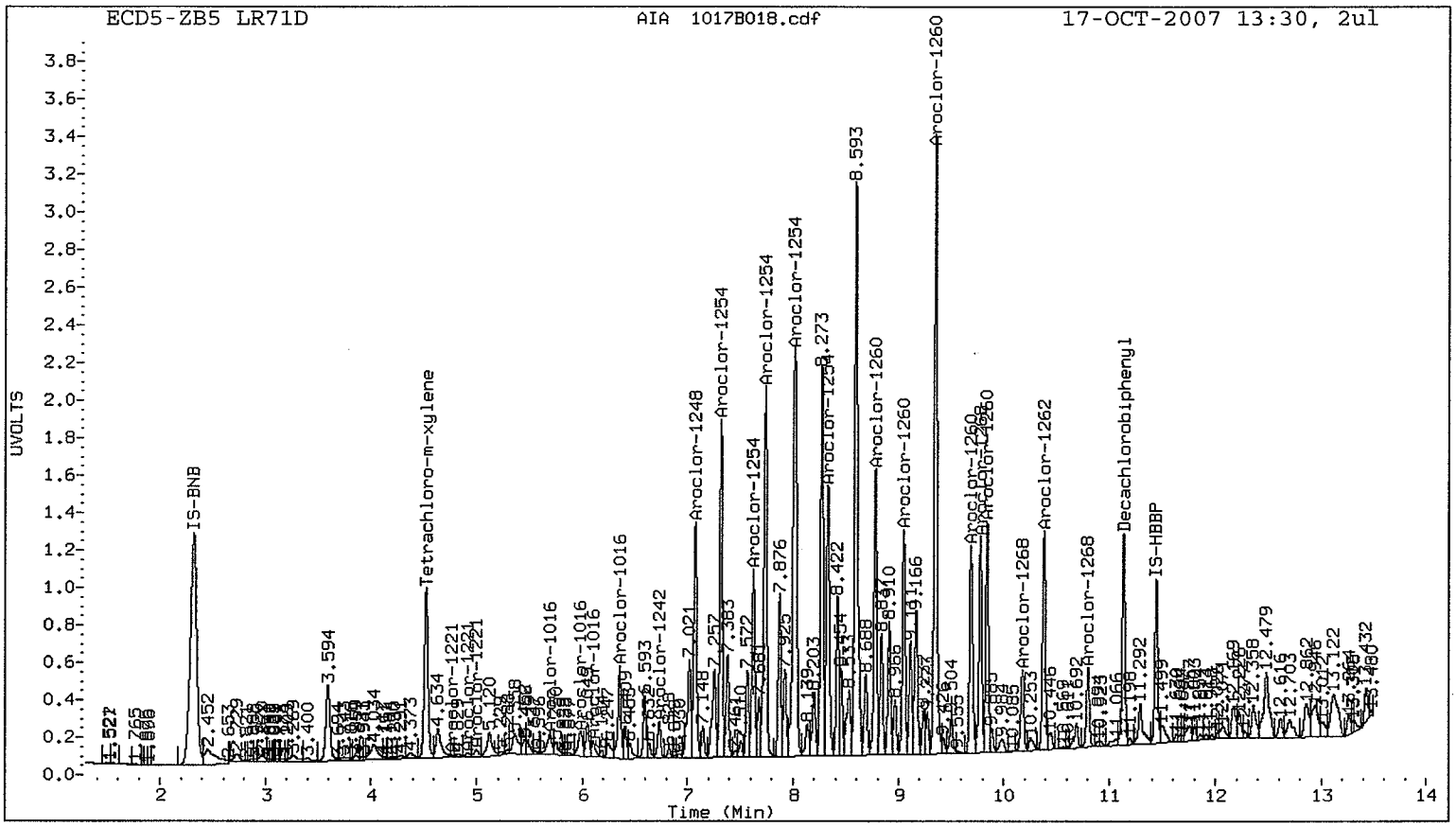
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.693	-0.002	1884003	226.2	1	5.822	-0.003	692727	75.5
Aroclor-1016	2	5.981	-0.009	2007970	79.8	2	6.291	-0.001	1024763	52.8
Aroclor-1016	3	6.101	-0.002	1035845	93.8	3	6.452	-0.001	277657	35.9
Aroclor-1016	4	6.355	-0.002	5020828	741.4	4	6.990	0.000	2231220	366.7
Total Col1Ave (4 peaks):		285.3				Total Col2Ave (4 peaks):		132.7	RPD = 73*	
Corrected Ave (3 peaks):		133.3				Corrected Ave (3 peaks):		54.7	RPD = 84*	
Aroclor-1221	1	4.762	-0.021	85984	23.6	1	5.023	-0.042	148516	49.2
Aroclor-1221	2	4.912	0.004	282329	116.5	2	5.205	-0.035	396348	227.7
Aroclor-1221	3	4.997	0.012	506554	61.9	3	5.294	-0.029	722037	136.0
Aroclor-1221	NS	---			----	4	5.822	-0.015	692727	322.8
Total Col1Ave (3 peaks):		67.4				Total Col2Ave (4 peaks):		183.9	RPD = 93*	
Corrected Ave: < 3 Peaks						Corrected Ave (3 peaks):		137.6		
Aroclor-1232	1	4.997	0.014	506554	73.7	1	5.294	-0.029	722037	160.3
Aroclor-1232	2	5.693	-0.002	1884003	503.4	2	5.822	-0.004	692727	153.2
Aroclor-1232	3	5.981	-0.009	2007970	180.1	3	6.291	-0.002	1024763	119.8
Aroclor-1232	4	6.101	-0.003	1035845	204.6	4	6.586	-0.003	335693	156.7
Total Col1Ave (4 peaks):		240.5				Total Col2Ave (4 peaks):		147.5	RPD = 48*	
Corrected Ave (3 peaks):		152.8				Corrected Ave (4 peaks):		147.5	RPD = 4	
Aroclor-1242	1	5.693	-0.003	1884003	280.7	1	5.294	-0.029	722037	193.1
Aroclor-1242	2	5.981	-0.010	2007970	99.7	2	5.822	-0.002	692727	94.7
Aroclor-1242	3	6.101	-0.003	1035845	116.2	3	6.291	-0.001	1024763	67.2
Aroclor-1242	4	6.731	-0.004	2099174	246.0	4	6.452	-0.001	277657	45.5
Aroclor-1242	NS	---			----	5	7.348	-0.001	3479850	595.8
Total Col1Ave (4 peaks):		185.6				Total Col2Ave (5 peaks):		199.3	RPD = 7	
Corrected Ave (4 peaks):		185.6				Corrected Ave (4 peaks):		100.1	RPD = 60*	
Aroclor-1248	1	5.981	-0.010	2007970	136.5	1	6.291	0.001	1024763	89.6
Aroclor-1248	2	6.101	-0.004	1035845	185.1	2	6.655	0.000	3057764	482.2
Aroclor-1248	3	6.355	-0.002	5020828	575.4	3	6.990	0.000	2231220	299.8
Aroclor-1248	4	6.731	-0.005	2099174	163.3	4	7.348	-0.001	3479850	337.5
Aroclor-1248	5	7.074	0.000	12406244	729.1	NS	---			----
Total Col1Ave (5 peaks):		357.9				Total Col2Ave (4 peaks):		302.3	RPD = 17	
Corrected Ave (4 peaks):		265.1				Corrected Ave (4 peaks):		302.3	RPD = 13	
Aroclor-1254	1	7.321	-0.002	16283129	866.4	1	7.598	0.000	10432430	986.2
Aroclor-1254	2	7.628	-0.004	9667897	835.5	2	8.034	-0.002	6642437	824.2
Aroclor-1254	3	7.740	-0.004	19759710	859.5	3	8.160	-0.002	18663974	1075.2
Aroclor-1254	4	8.017	-0.014	28860819	1166.3	4	8.370	0.006	21475637	1225.6
Aroclor-1254	5	8.329	-0.007	15264162	1049.9	5	8.815	-0.002	10763359	1091.6
Total Col1Ave (5 peaks):		955.5				Total Col2Ave (5 peaks):		1040.6	RPD = 9	
Corrected Ave (5 peaks):		955.5				Corrected Ave (5 peaks):		1040.6	RPD = 9	
Aroclor-1260	1	8.778	-0.001	14259884	961.2	1	9.072	0.000	8740814	757.1
Aroclor-1260	2	9.047	-0.001	11126916	885.8	2	9.141	0.000	5280482	807.8
Aroclor-1260	3	9.347	-0.001	31101802	940.3	3	9.664	0.000	20643526	749.1
Aroclor-1260	4	9.687	-0.003	11378915	743.2	4	10.101	-0.002	7797978	1047.1
Aroclor-1260	5	9.839	-0.001	11571374	1220.5	5	10.154	0.000	13647759	795.0
Total Col1Ave (5 peaks):		950.2				Total Col2Ave (5 peaks):		831.2	RPD = 13	
Corrected Ave (5 peaks):		950.2				Corrected Ave (5 peaks):		831.2	RPD = 13	
Aroclor-1262	1	9.047	-0.003	11126916	658.7	1	9.072	-0.001	8740814	464.0
Aroclor-1262	2	9.347	-0.003	31101802	730.8	2	9.664	-0.002	20643526	591.9
Aroclor-1262	3	9.687	-0.003	11378915	875.0	3	10.101	-0.001	7797978	530.4
Aroclor-1262	4	9.839	-0.002	11571374	619.9	4	10.154	-0.004	13647759	602.1
Aroclor-1262	5	10.382	-0.004	10949472	773.5	5	10.744	-0.002	6473338	581.9
Total Col1Ave (5 peaks):		731.6				Total Col2Ave (5 peaks):		554.0	RPD = 28	
Corrected Ave (5 peaks):		731.6				Corrected Ave (5 peaks):		554.0	RPD = 28	
Aroclor-1268	1	9.777	-0.001	10954775	233.0	1	10.101	0.001	7797978	224.0
Aroclor-1268	2	9.839	0.001	11571374	258.9	2	10.154	-0.005	13647759	412.9
Aroclor-1268	3	10.178	0.017	4495819	118.9	3	10.495	0.002	696922	26.8

Aroclor-1268	4	10.801	0.001	4264091	42.1	4	11.149	-0.003	2035063	26.8	
Total Col1Ave (4 peaks):				163.2		Total Col2Ave (4 peaks):			172.6	RPD = 6	
Corrected Ave (4 peaks):				163.2		Corrected Ave (3 peaks):			92.5	RPD = 55*	

Total PCB Area Col1 (4.623 - 11.035) = 407064039 Col1 Total PCB = 2.1 ppm*

Total PCB Area Col2 (4.705 - 11.396) = 273320453 Col2 Total PCB = 2.0 ppm*

* Quantitated against AR1660 0.25ppm in Ical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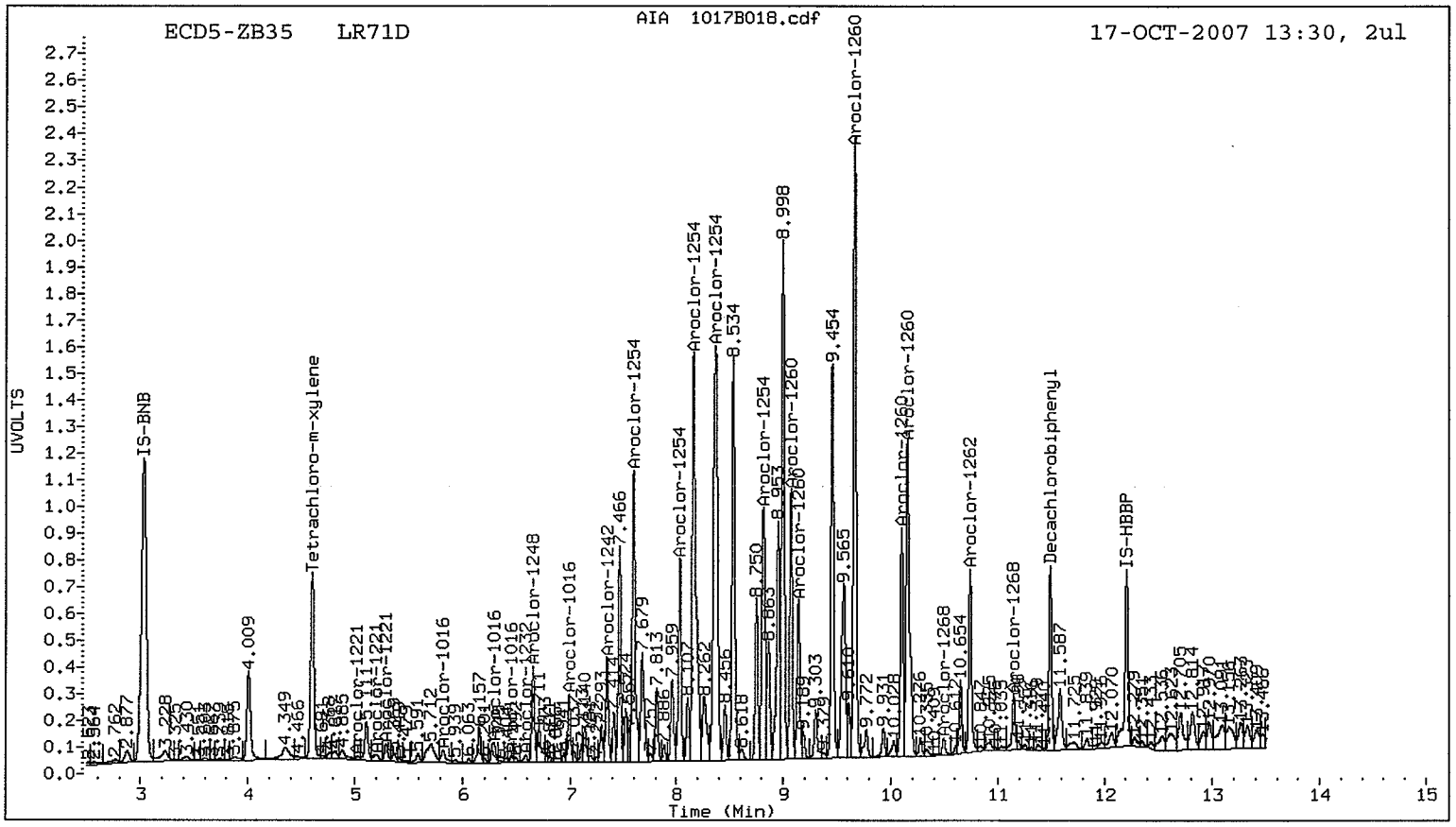
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-SS-10-070928
SAMPLE

Lab Sample ID: LR71E
LIMS ID: 07-20770
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 13:47
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 22.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**210 E**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	94.5%
Tetrachlorometaxylene	101%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20071016.b/1017-1.b/1017B019.d
Data file 2: 20071016.b/1017-2.b/1017B019.d
Method: /chem2/ecd5.i/20071016.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: LR71E
Client ID: AN-SS-10-070928
Injection Date: 17-OCT-2007 13:47
Report Date: 10/17/2007 15:17
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
4.523	0.000	12806219	4.602	-0.003	10887527	35.4	40.4	13.2	Tetrachloro-m-xyleneN
11.135	0.000	12132322	11.495	-0.001	6656356	37.8	35.5	6.3	DecachlorobiphenylN

* 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	88.4	100.9
Decachlorobiphenyl	94.6	88.8

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	31569414	27635450	-12.5
Hexabromobiphenyl	9983366	10095695	1.1

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	20324893	20521660	1.0
Hexabromobiphenyl	6610345	7803250	18.0

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 16-OCT-2007
<- 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	5.694	-0.001	2067866	237.1	1	5.822	-0.002	887247	87.4
Aroclor-1016	2	5.979	-0.012	2810390	106.6	2	6.280	-0.013	1398729	65.2
Aroclor-1016	3	6.103	0.001	1575990	136.2	3	6.451	-0.002	292409	34.2
Aroclor-1016	4	6.356	-0.001	490299355	69123.9	4	6.923	-0.067	400900806	59602.8
Total Col1Ave (4 peaks):				17401.0		Total Col2Ave (4 peaks):			14947.4	RPD = 15
Corrected Ave (3 peaks):				160.0		Corrected Ave (3 peaks):			62.3	RPD = 88*
Aroclor-1221	1	4.797	0.014	202897	53.3	1	5.029	-0.036	859631	257.5
Aroclor-1221	2	4.909	0.000	711045	280.2	2	5.200	-0.040	1153664	599.5
Aroclor-1221	3	4.989	0.003	1844538	215.2	3	5.292	-0.031	851079	145.1
Aroclor-1221	NS	---			----	4	5.822	-0.014	887247	374.0
Total Col1Ave (3 peaks):				182.9		Total Col2Ave (4 peaks):			344.0	RPD = 61*
Corrected Ave (3 peaks):				182.9		Corrected Ave (3 peaks):			258.9	RPD = 34
Aroclor-1232	1	4.989	0.005	1844538	256.4	1	5.292	-0.031	851079	170.9
Aroclor-1232	2	5.694	-0.002	2067866	527.5	2	5.822	-0.003	887247	177.5
Aroclor-1232	3	5.979	-0.012	2810390	240.6	3	6.280	-0.014	1398729	147.9
Aroclor-1232	4	6.103	-0.001	1575990	297.2	4	6.587	-0.003	423665	178.9
Total Col1Ave (4 peaks):				330.4		Total Col2Ave (4 peaks):			168.8	RPD = 65*
Corrected Ave (4 peaks):				330.4		Corrected Ave (4 peaks):			168.8	RPD = 65*
Aroclor-1242	1	5.694	-0.002	2067866	294.1	1	5.292	-0.031	851079	205.9
Aroclor-1242	2	5.979	-0.013	2810390	133.2	2	5.822	-0.002	887247	109.7
Aroclor-1242	3	6.103	-0.001	1575990	168.8	3	6.280	-0.013	1398729	83.0
Aroclor-1242	4	6.731	-0.004	10171312	1138.0	4	6.451	-0.002	292409	43.4
Aroclor-1242	NS	---			----	5	7.349	0.000	22983097	3559.3
Total Col1Ave (4 peaks):				433.5		Total Col2Ave (5 peaks):			800.2	RPD = 59*
Corrected Ave (3 peaks):				198.7		Corrected Ave (4 peaks):			110.5	RPD = 57*
Aroclor-1248	1	5.979	-0.013	2810390	182.5	1	6.280	-0.011	1398729	110.6
Aroclor-1248	2	6.103	-0.002	1575990	268.9	2	6.656	0.000	18732306	2671.9
Aroclor-1248	3	6.356	-0.001	490299355	53642.0	3	6.923	-0.067	400900806	48720.3
Aroclor-1248	4	6.731	-0.005	10171312	755.4	4	7.349	0.000	22983097	2016.3
Aroclor-1248	5	7.075	0.001	60151355	3375.1	NS	---			----
Total Col1Ave (5 peaks):				11644.8		Total Col2Ave (4 peaks):			13379.8	RPD = 14
Corrected Ave (4 peaks):				1145.4		Corrected Ave (3 peaks):			1599.6	RPD = 33
Aroclor-1254	1	7.321	-0.002	92498808	4699.0	1	7.597	-0.001	57249953	4895.5
Aroclor-1254	2	7.628	-0.003	61298573	5057.7	2	8.036	0.000	45284457	5082.4
Aroclor-1254	3	7.741	-0.004	121215030	5034.0	3	8.162	0.000	104103520	5424.5
Aroclor-1254	4	8.025	-0.007	144847603	5588.2	4	8.359	-0.005	113430288	5855.6
Aroclor-1254	5	8.332	-0.004	87987954	5777.7	5	8.809	-0.007	66771611	6125.5
Total Col1Ave (5 peaks):				5231.3		Total Col2Ave (5 peaks):			5476.7	RPD = 5
Corrected Ave (5 peaks):				5231.3		Corrected Ave (5 peaks):			5476.7	RPD = 5
Aroclor-1260	1	8.778	-0.001	12597251	696.4	1	9.071	-0.001	7374142	614.0
Aroclor-1260	2	9.047	-0.002	11678884	762.5	2	9.140	0.000	11560489	1700.1
Aroclor-1260	3	9.348	-0.001	35322865	875.7	3	9.664	0.000	24600676	858.2
Aroclor-1260	4	9.687	-0.003	19709326	1055.7	4	10.107	0.004	8764788	1131.4
Aroclor-1260	5	9.839	-0.001	8259685	714.4	5	10.153	0.000	17123748	958.9
Total Col1Ave (5 peaks):				820.9		Total Col2Ave (5 peaks):			1052.5	RPD = 25
Corrected Ave (5 peaks):				820.9		Corrected Ave (5 peaks):			1052.5	RPD = 25
Aroclor-1262	1	9.047	-0.003	11678884	567.0	1	9.071	-0.003	7374142	376.3
Aroclor-1262	2	9.348	-0.003	35322865	680.6	2	9.664	-0.002	24600676	678.0
Aroclor-1262	3	9.687	-0.003	19709326	1242.8	3	10.107	0.005	8764788	573.1
Aroclor-1262	4	9.839	-0.003	8259685	362.9	4	10.153	-0.004	17123748	726.2
Aroclor-1262	5	10.382	-0.003	9832136	569.6	5	10.743	-0.003	4794412	414.3
Total Col1Ave (5 peaks):				684.6		Total Col2Ave (5 peaks):			553.6	RPD = 21
Corrected Ave (4 peaks):				545.0		Corrected Ave (5 peaks):			553.6	RPD = 2
Aroclor-1268	1	9.776	-0.002	9123578	159.1	1	10.107	0.006	8764788	242.1
Aroclor-1268	2	9.839	0.001	8259685	151.6	2	10.153	-0.005	17123748	498.0
Aroclor-1268	3	10.179	0.018	3892007	84.4	3	10.492	-0.002	559253	20.7

Aroclor-1268	4	10.800	0.001	3259603	26.4	4	11.150	-0.001	1235709	15.6

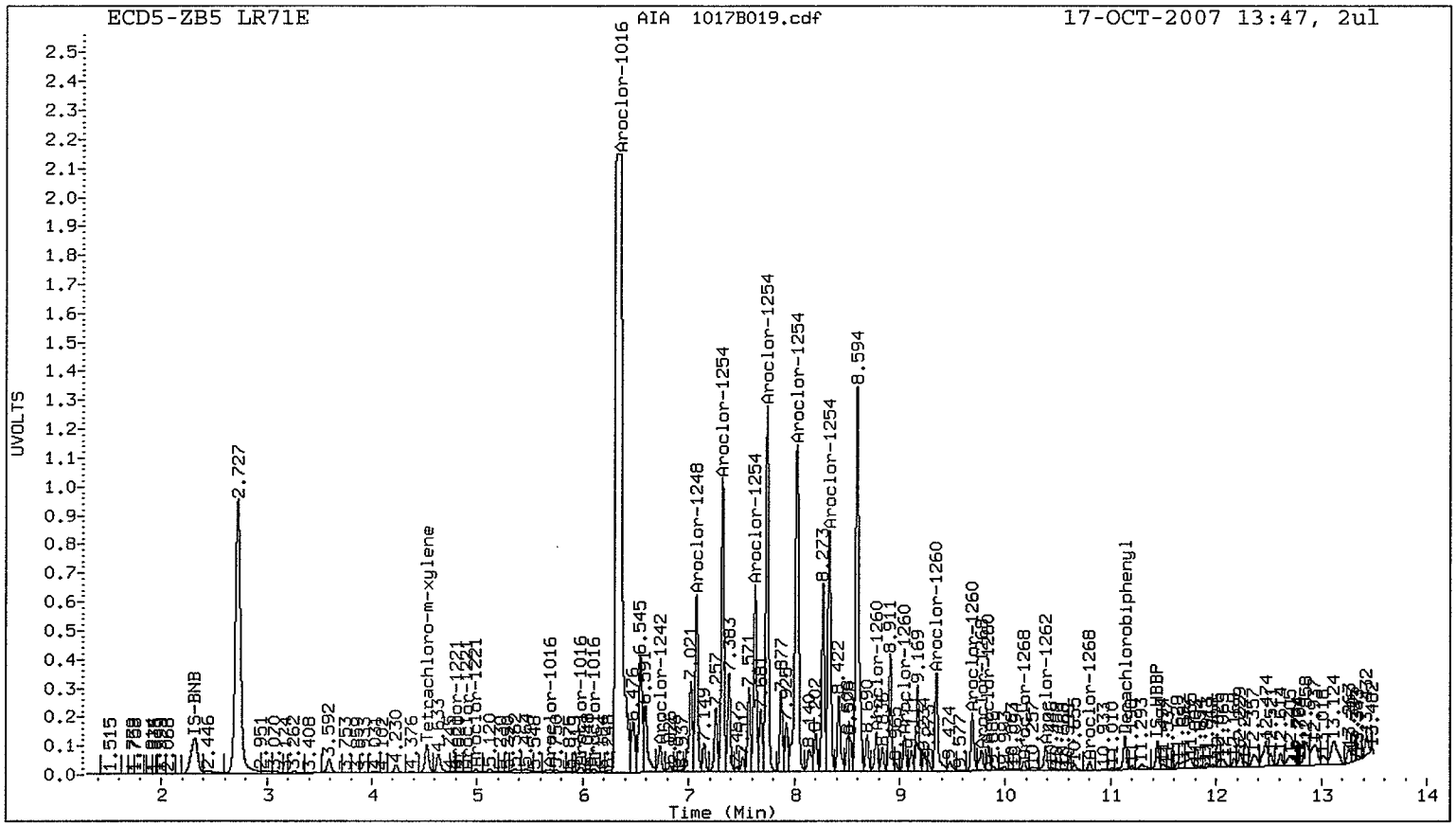
Total Col1Ave (4 peaks): 105.4 Total Col2Ave (4 peaks): 194.1 RPD = 59*

Corrected Ave (4 peaks): 105.4 Corrected Ave (3 peaks): 92.8 RPD = 13

Total PCB Area Col1 (4.623 - 11.035) = 1900429058 Col1 Total PCB = 9.2 ppm*

Total PCB Area Col2 (4.705 - 11.396) = 1434199896 Col2 Total PCB = 9.6 ppm*

* Quantitated against AR1660 0.25ppm in Ical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IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
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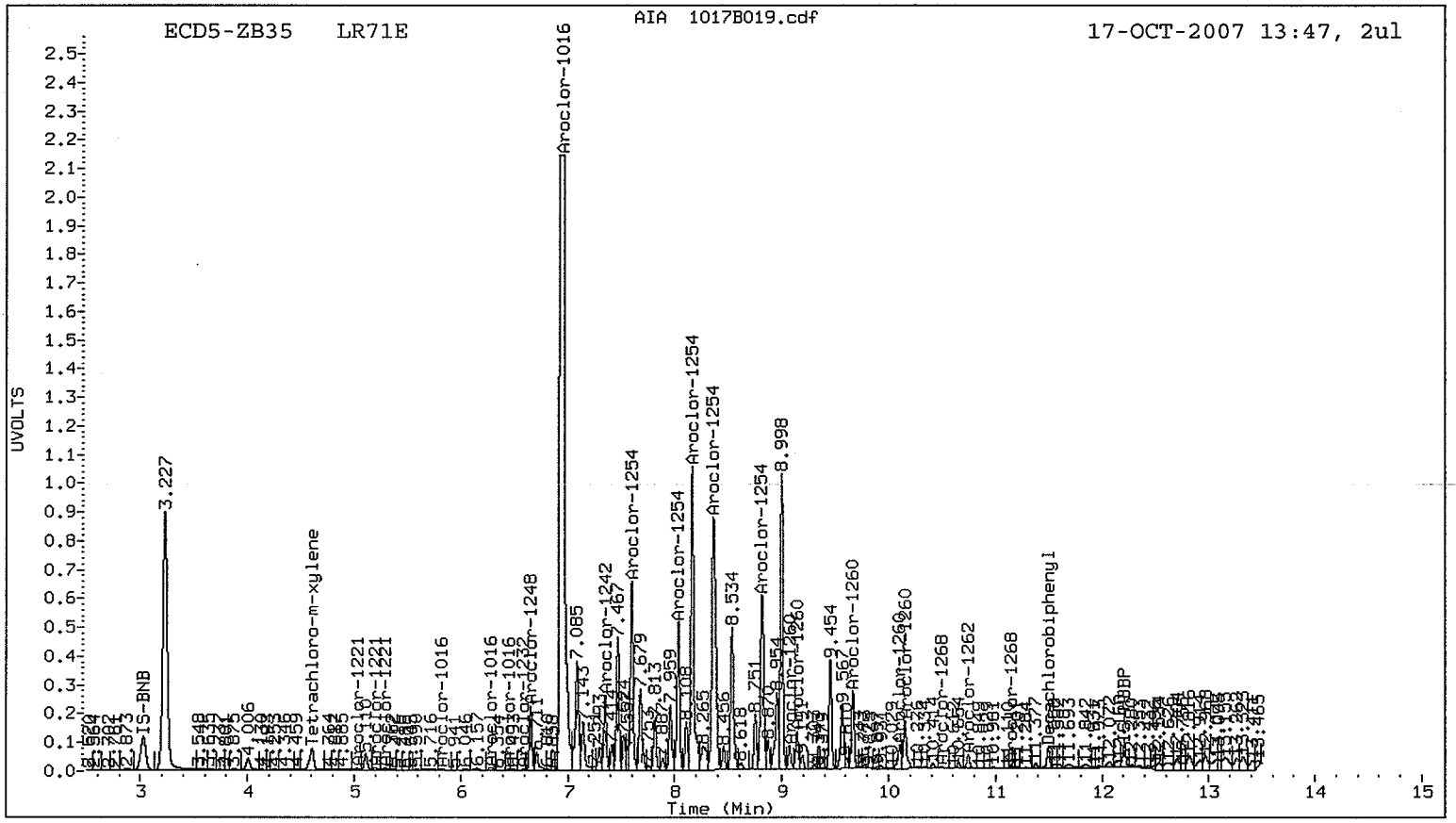
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl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Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-SS-10-070928
DILUTION

Lab Sample ID: LR71E
LIMS ID: 07-20770
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 17:30
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 10.0
Silica Gel: No

Percent Moisture: 22.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	39	< 39 U
53469-21-9	Aroclor 1242	39	< 39 U
12672-29-6	Aroclor 1248	39	< 39 U
11097-69-1	**Aroclor 1254**	**39**	**230**
11096-82-5	Aroclor 1260	39	< 39 U
11104-28-2	Aroclor 1221	39	< 39 U
11141-16-5	Aroclor 1232	39	< 39 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	118%
Tetrachlorometaxylene	110%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20071016.b/1017-1.b/1017B032.d
Data file 2: 20071016.b/1017-2.b/1017B032.d
Method: /chem2/ecd5.i/20071016.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: LR71E
Client ID: AN-SS-10-070928
Injection Date: 17-OCT-2007 17:30
Report Date: 10/18/2007 09:44
Matrix: SOIL
Dilution Factor: 10.000

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
4.524	0.001	1805305	4.606	0.001	1188678	4.3	4.4	2.4	Tetrachloro-m-xyleneN
11.135	0.000	1244041	11.495	-0.001	662040	4.7	4.5	6.1	Decachlorobiphenyl MN

* 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	108.0	110.6
Decachlorobiphenyl	118.6	111.6

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	31569414	31890129	1.0
Hexabromobiphenyl	9983366	8259077	-17.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	20324893	20430985	0.5
Hexabromobiphenyl	6610345	6175812	-6.6

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 16-OCT-2007
<- 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	5.695	-0.001	141873	14.1	1	5.824	-0.001	132400	13.1
Aroclor-1016	2	5.985	-0.006	270560	8.9	2	6.286	-0.007	223597	10.5
Aroclor-1016	3	6.106	0.003	174841	13.1	3	6.455	0.002	32652	3.8
Aroclor-1016	4	6.368	0.011	125823277	15372.3	4	6.968	-0.022	90117173	13457.4
	Total Col1Ave (4 peaks):			3852.1		Total Col2Ave (4 peaks):			3371.2	RPD = 13
	Corrected Ave (3 peaks):			12.0		Corrected Ave (3 peaks):			9.1	RPD = 27
Aroclor-1221	1	4.690	-0.093	4568109	1039.2	1	5.038	-0.028	75894	22.8
Aroclor-1221	2	4.993	0.084	605760	206.8	2	5.153	-0.087	2893748	1510.4
Aroclor-1221	3	---			0.0	3	5.356	0.033	237351	40.6
Aroclor-1221	NS	---			----	4	5.824	-0.013	132400	56.1
	Col1Ave: <3 Quant Peaks					Col2Ave:	407.5			
Aroclor-1232	1	4.993	0.009	605760	73.0	1	5.356	0.033	237351	47.9
Aroclor-1232	2	5.695	-0.001	141873	31.4	2	5.824	-0.002	132400	26.6
Aroclor-1232	3	5.985	-0.006	270560	20.1	3	6.286	-0.008	223597	23.8
Aroclor-1232	4	6.106	0.002	174841	28.6	4	6.591	0.001	58410	24.8
	Total Col1Ave (4 peaks):			38.2		Total Col2Ave (4 peaks):			30.8	RPD = 22
	Corrected Ave (3 peaks):			26.7		Corrected Ave (4 peaks):			30.8	RPD = 14
Aroclor-1242	1	5.695	-0.001	141873	17.5	1	5.356	0.033	237351	57.7
Aroclor-1242	2	5.985	-0.007	270560	11.1	2	5.824	0.000	132400	16.4
Aroclor-1242	3	6.106	0.002	174841	16.2	3	6.286	-0.007	223597	13.3
Aroclor-1242	4	6.732	-0.003	2855945	276.9	4	6.455	0.002	32652	4.9
Aroclor-1242	NS	---			----	5	7.350	0.001	2939696	457.3
	Total Col1Ave (4 peaks):			80.4		Total Col2Ave (5 peaks):			109.9	RPD = 31
	Corrected Ave (3 peaks):			14.9		Corrected Ave (4 peaks):			23.1	RPD = 43*
Aroclor-1248	1	5.985	-0.007	270560	15.2	1	6.286	-0.005	223597	17.8
Aroclor-1248	2	6.106	0.001	174841	25.8	2	6.657	0.001	2286556	327.6
Aroclor-1248	3	6.368	0.011	125823277	11929.3	3	6.968	-0.022	90117173	11000.3
Aroclor-1248	4	6.732	-0.004	2855945	183.8	4	7.350	0.001	2939696	259.0
Aroclor-1248	5	7.075	0.001	7845065	381.5	NS	---			----
	Total Col1Ave (5 peaks):			2507.1		Total Col2Ave (4 peaks):			2901.2	RPD = 15
	Corrected Ave (4 peaks):			151.6		Corrected Ave (3 peaks):			201.5	RPD = 28
Aroclor-1254	1	7.322	-0.001	11521327	507.2	1	7.598	0.001	6385966	548.5
Aroclor-1254	2	7.630	-0.001	7474025	534.4	2	8.035	0.000	4929122	555.7
Aroclor-1254	3	7.743	-0.002	14665145	527.8	3	8.161	-0.001	10959149	573.6
Aroclor-1254	4	8.029	-0.003	17409555	582.0	4	8.361	-0.003	12017522	623.1
Aroclor-1254	5	8.336	0.000	10327965	587.7	5	8.814	-0.003	6886366	634.5
	Total Col1Ave (5 peaks):			547.8		Total Col2Ave (5 peaks):			587.1	RPD = 7
	Corrected Ave (5 peaks):			547.8		Corrected Ave (5 peaks):			587.1	RPD = 7
Aroclor-1260	1	8.779	-0.001	1609375	108.7	1	9.072	0.000	888944	93.5
Aroclor-1260	2	9.048	0.000	1407755	112.3	2	9.140	0.000	1243389	231.0
Aroclor-1260	3	9.348	0.000	4045134	122.6	3	9.664	0.000	2572315	113.4
Aroclor-1260	4	9.688	-0.002	2238776	146.6	4	10.103	0.000	743695	121.3
Aroclor-1260	5	9.840	0.000	936069	99.0	5	10.153	-0.001	1649446	116.7
	Total Col1Ave (5 peaks):			117.8		Total Col2Ave (5 peaks):			135.2	RPD = 14
	Corrected Ave (5 peaks):			117.8		Corrected Ave (4 peaks):			111.2	RPD = 6
Aroclor-1262	1	9.048	-0.002	1407755	83.5	1	9.072	-0.001	888944	57.3
Aroclor-1262	2	9.348	-0.002	4045134	95.3	2	9.664	-0.002	2572315	89.6
Aroclor-1262	3	9.688	-0.003	2238776	172.6	3	10.103	0.001	743695	61.4
Aroclor-1262	4	9.840	-0.002	936069	50.3	4	10.153	-0.005	1649446	88.4
Aroclor-1262	5	10.383	-0.002	826716	58.5	5	10.744	-0.002	448084	48.9
	Total Col1Ave (5 peaks):			92.0		Total Col2Ave (5 peaks):			69.1	RPD = 28
	Corrected Ave (4 peaks):			71.9		Corrected Ave (5 peaks):			69.1	RPD = 4
Aroclor-1268	1	9.777	-0.001	887061	18.9	1	10.103	0.002	743695	26.0
Aroclor-1268	2	9.840	0.001	936069	21.0	2	10.153	-0.006	1649446	60.6
Aroclor-1268	3	10.179	0.018	338507	9.0	3	10.494	0.001	32740	1.5
Aroclor-1268	4	10.810	0.010	917466	9.1	4	11.151	0.000	139824	2.2