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	

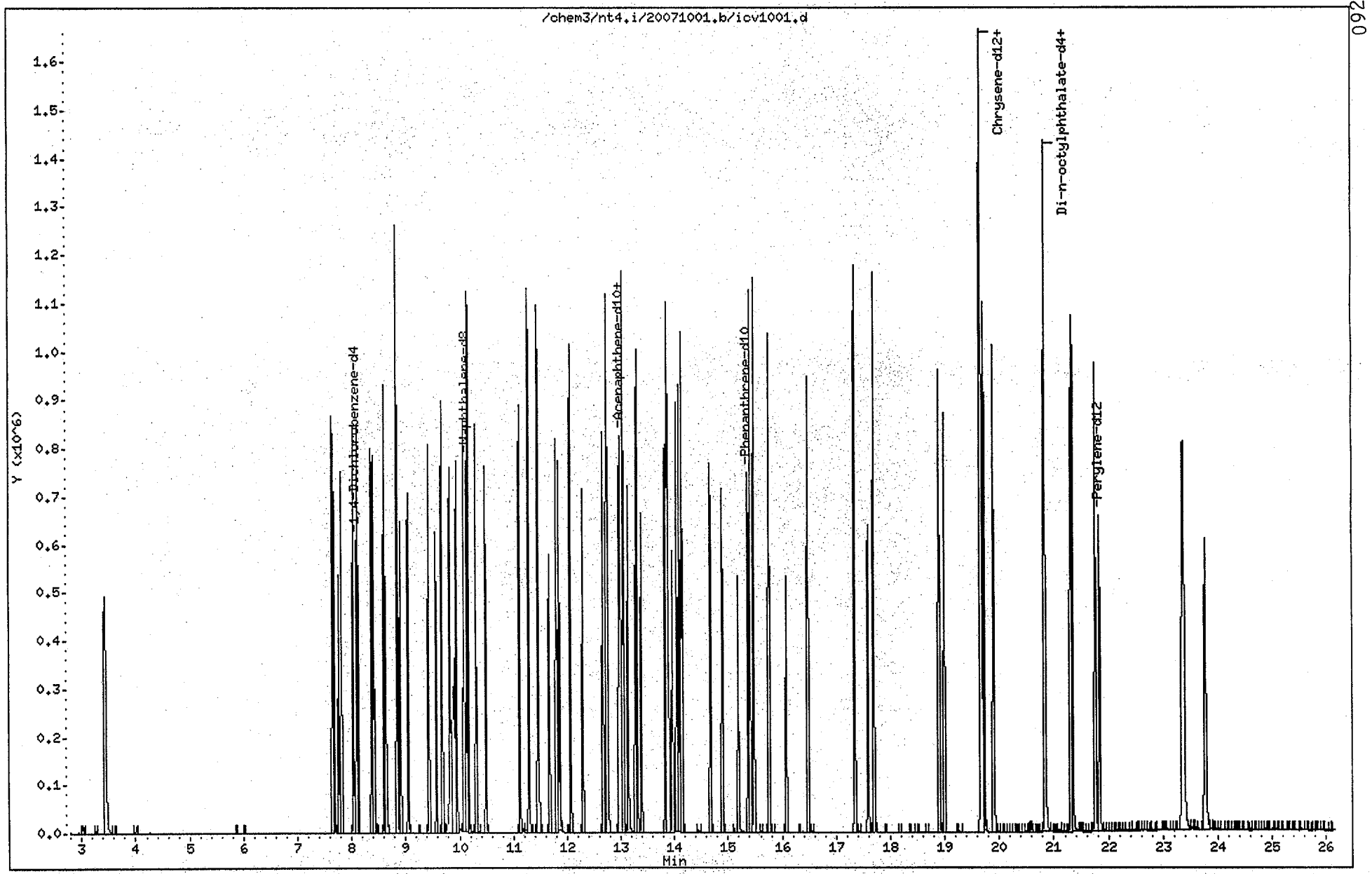
SPIKE	COMPOUND	AMOUNT ADDED ug/mL	AMOUNT RECOVERED ug/mL	% RECOVERED	LIMITS
43	3-Nitroaniline	25.00	24.45	97.79	
44	Acenaphthene	25.00	23.32	93.27	
45	2,4-Dinitrophenol	50.00	46.48	92.95	
46	Dibenzofuran	25.00	24.41	97.64	
47	4-Nitrophenol	25.00	24.50	97.98	
48	2,4-Dinitrotoluene	25.00	24.50	97.99	
49	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

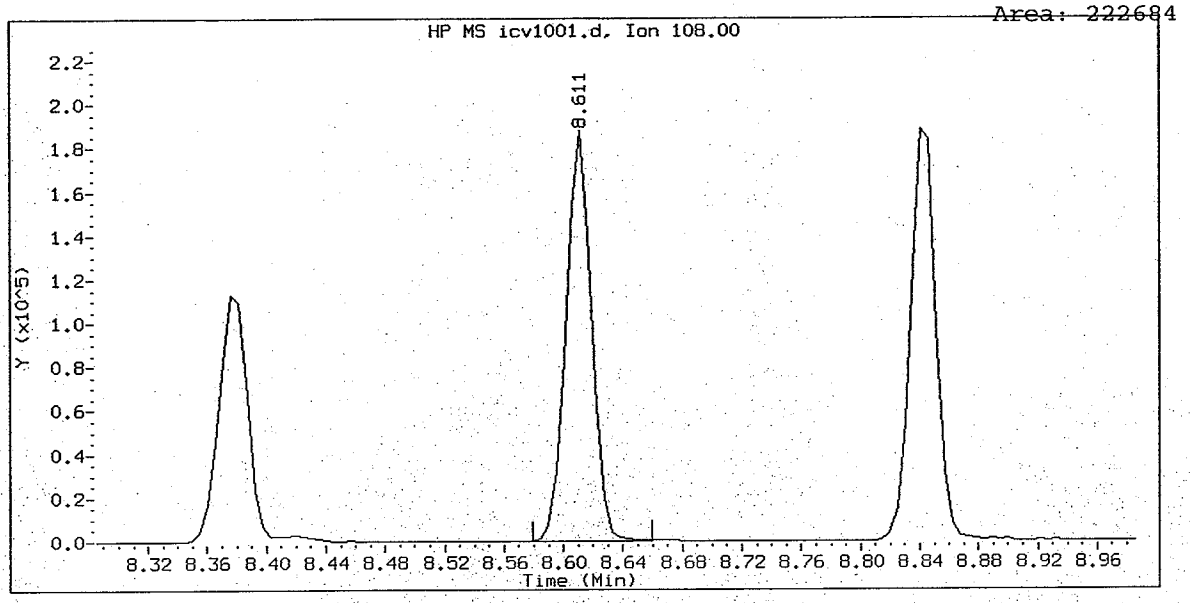
Instrument: nt4.i

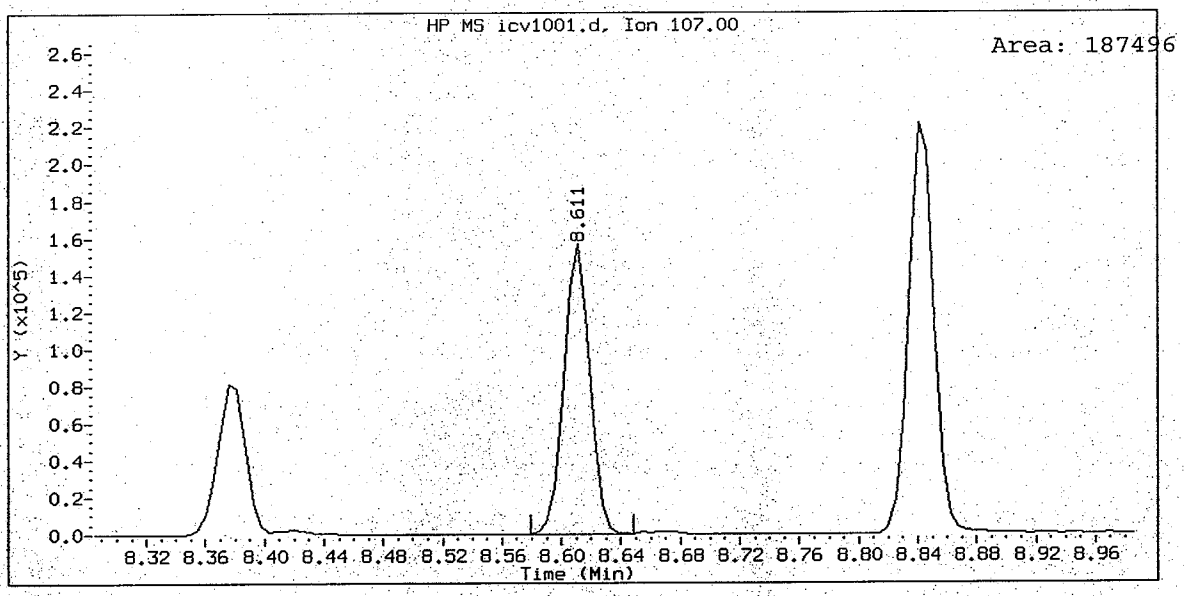
Operator: VTS
Column diameter: 0.32

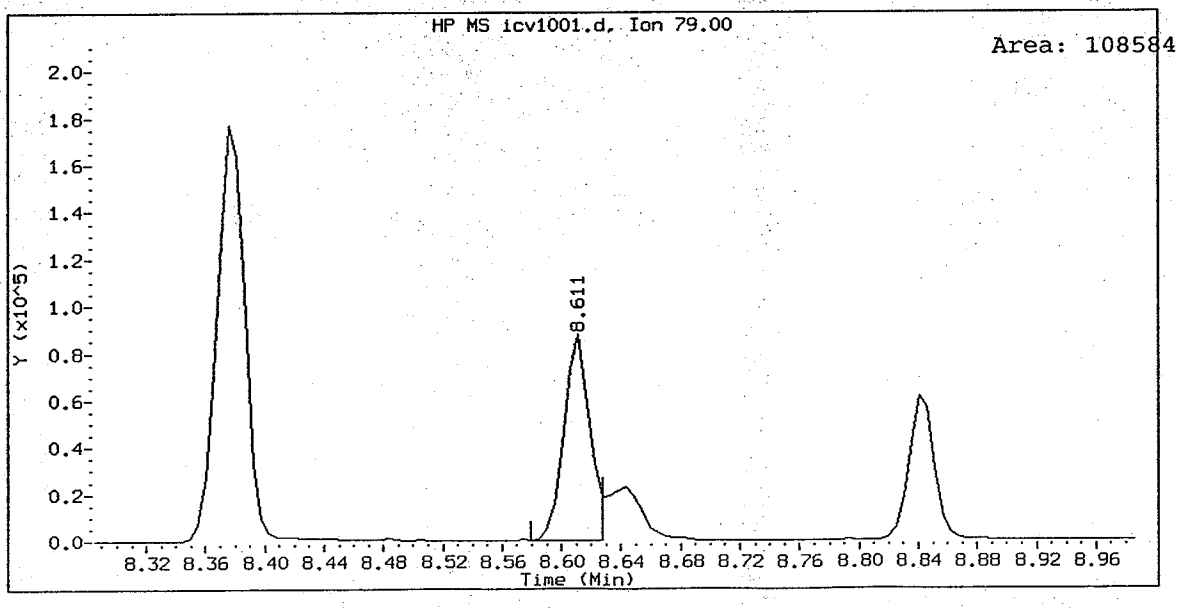
Column phase: ZB-5



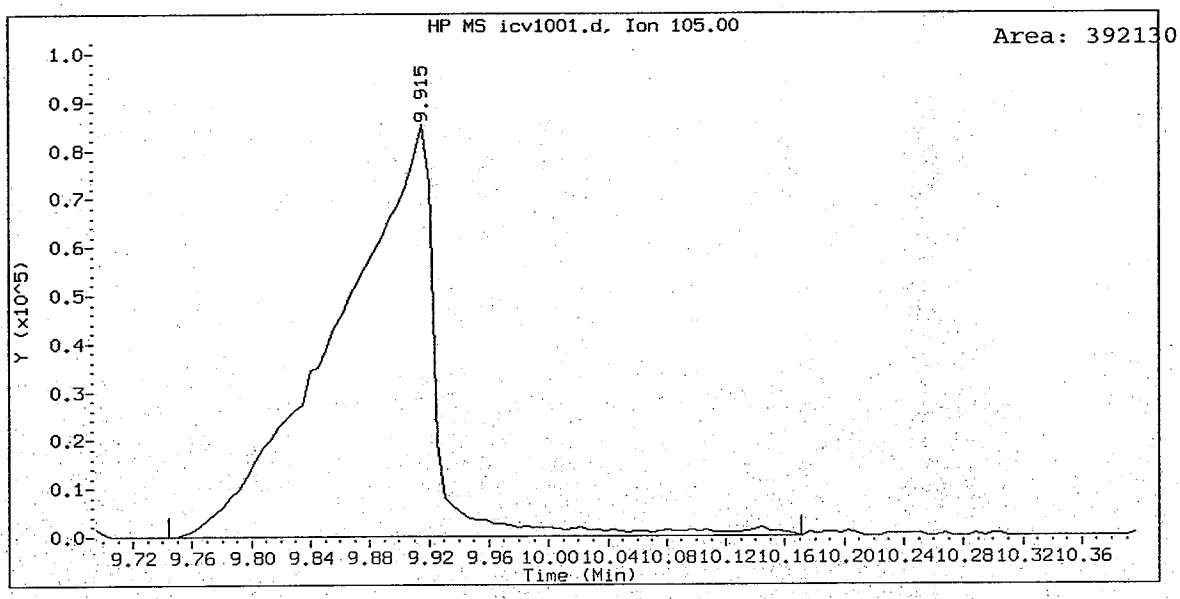
ABN ICV, /chem3/nt4.i/20071001.b/icv1001.d
2-Methylphenol Amount: 25.19

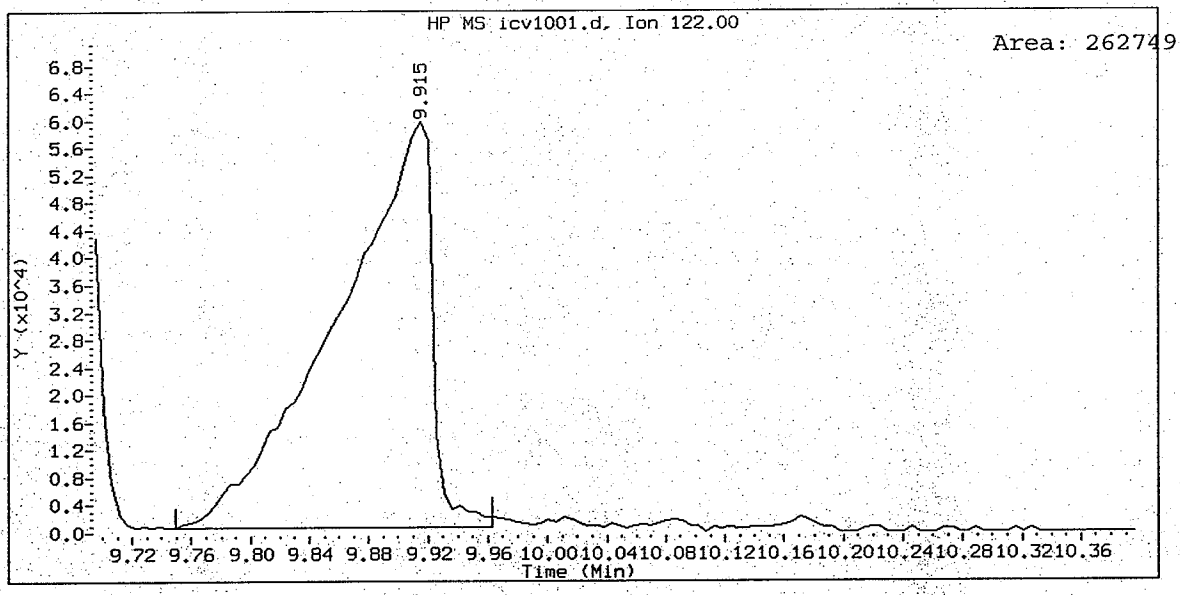


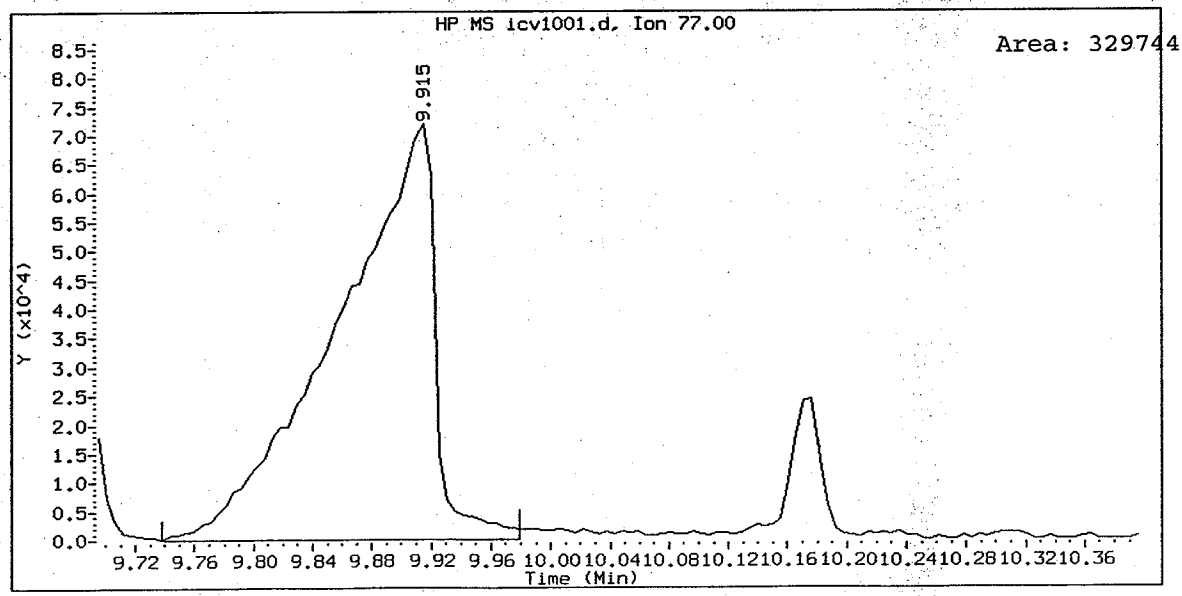




ABN ICV, /chem3/nt4.i/20071001.b/icv1001.d
Benzoic acid Amount: 51.37







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

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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

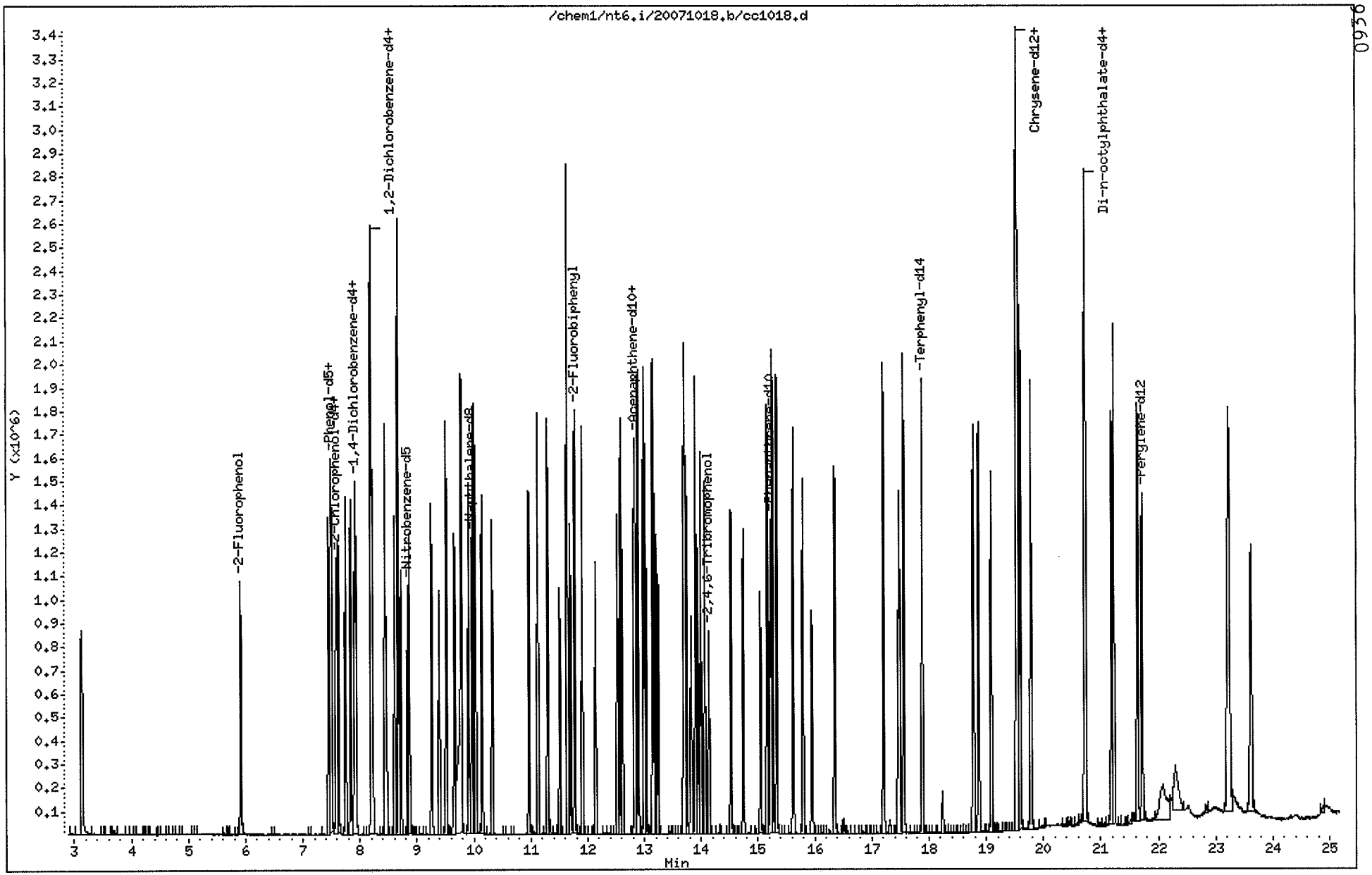
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

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

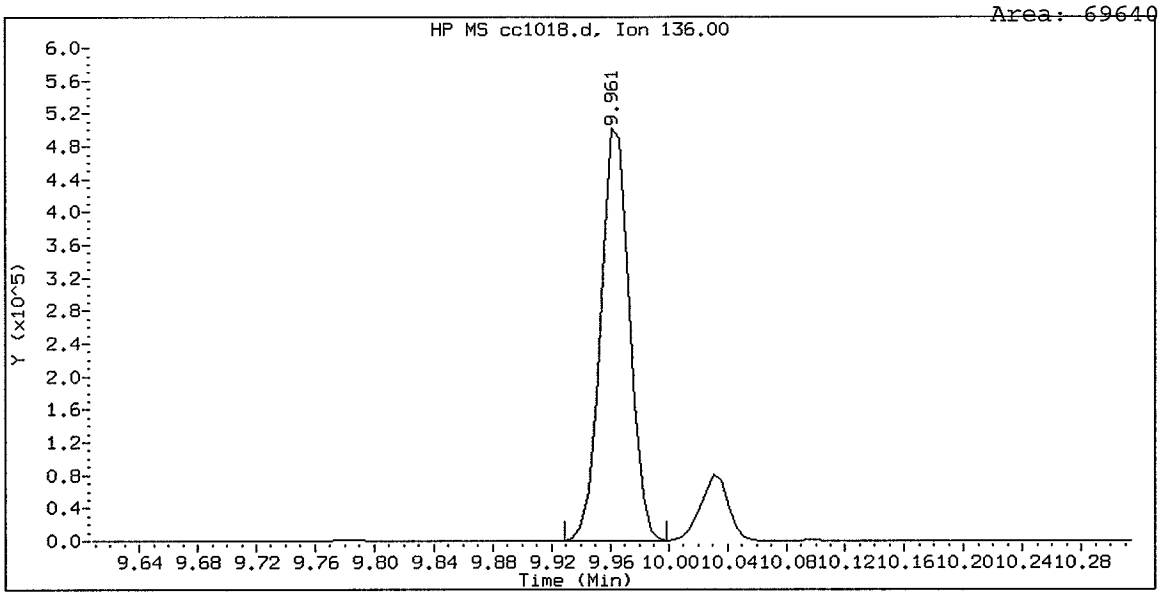
Instrument: nt6.i

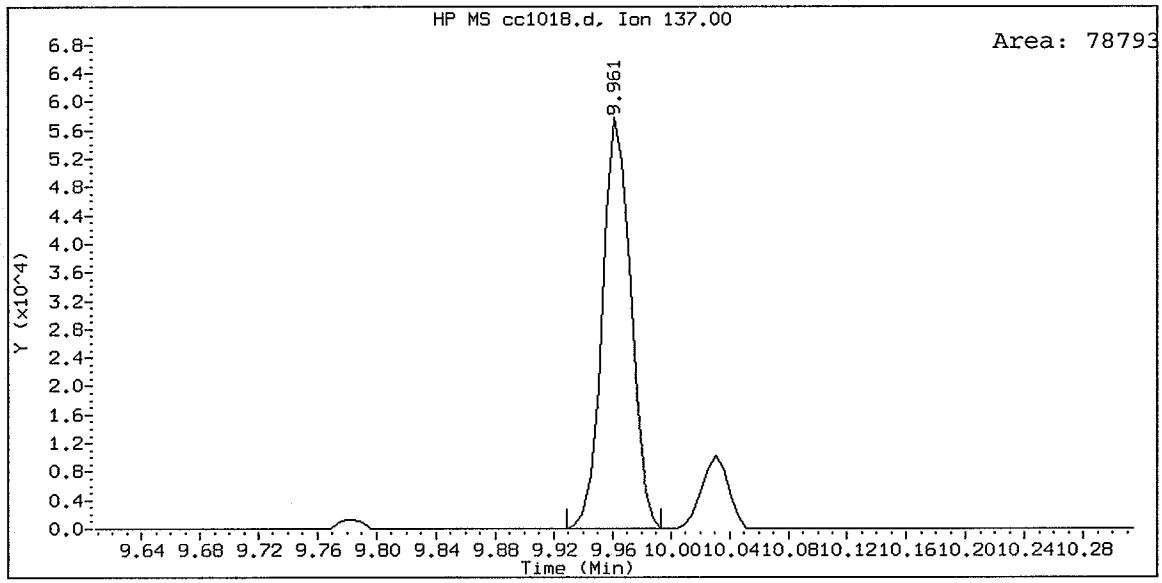
Operator: LJR/VTS
Column diameter: 0.32

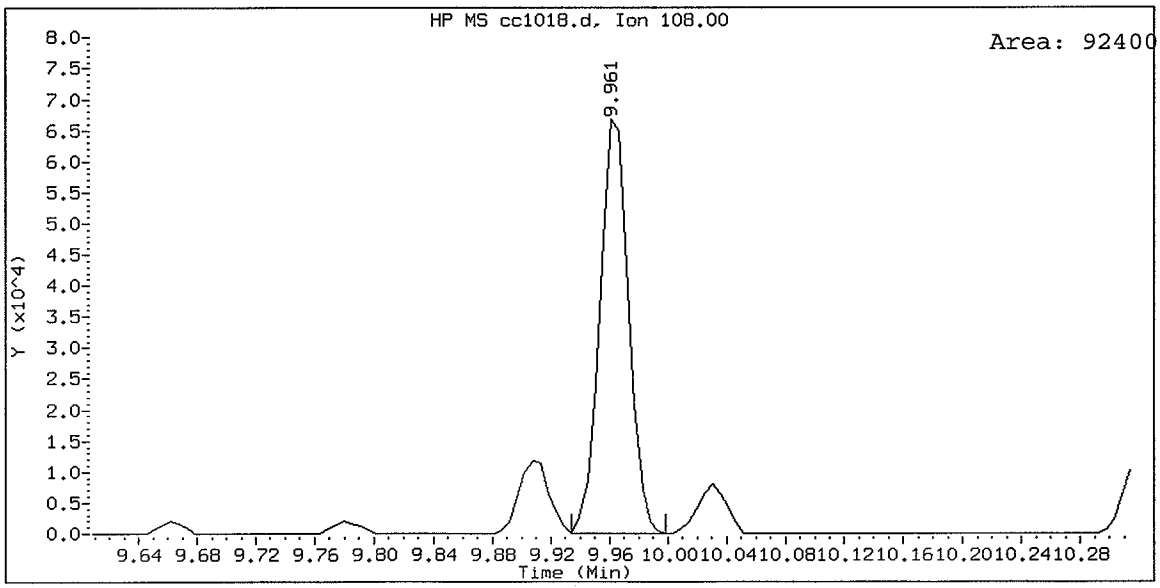
Column phase: ZB-5



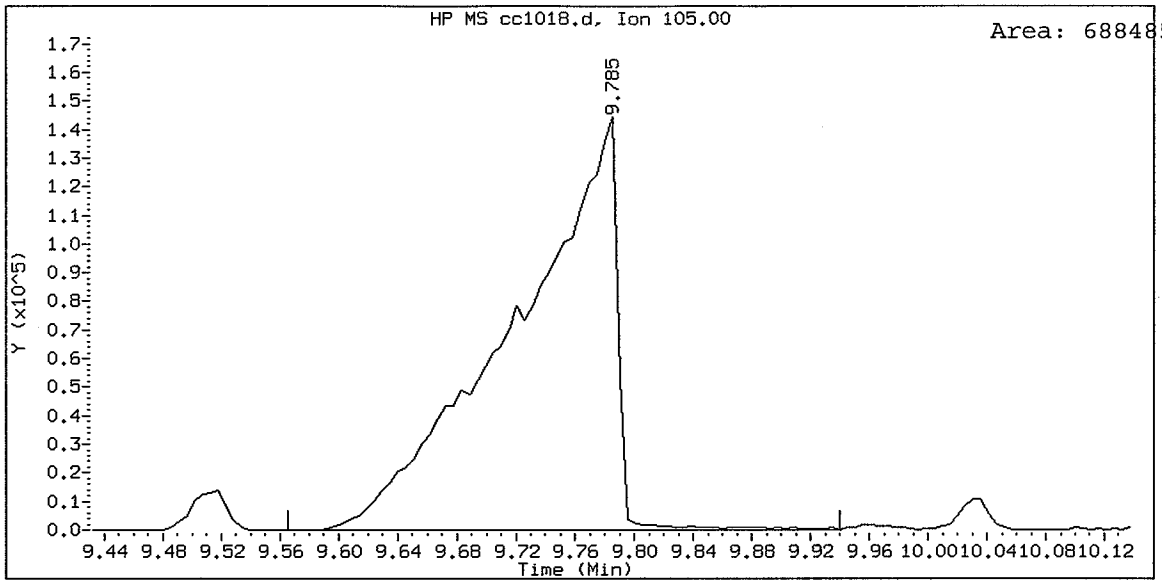
ABN 25, /chem1/nt6.i/20071018.b/cc1018.d
Naphthalene-d8 Amount: 20.00

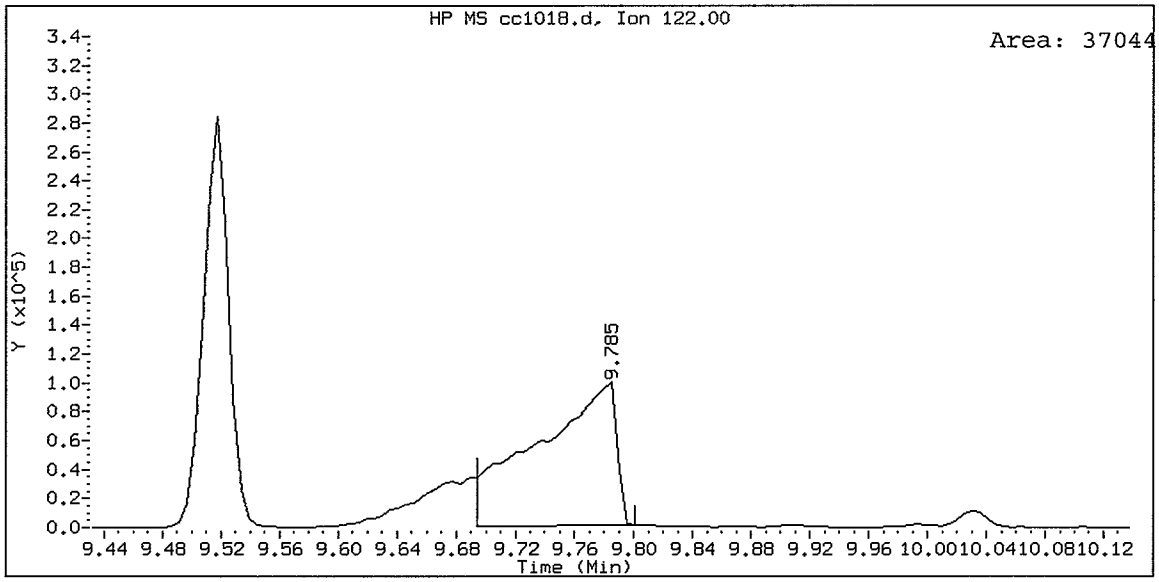


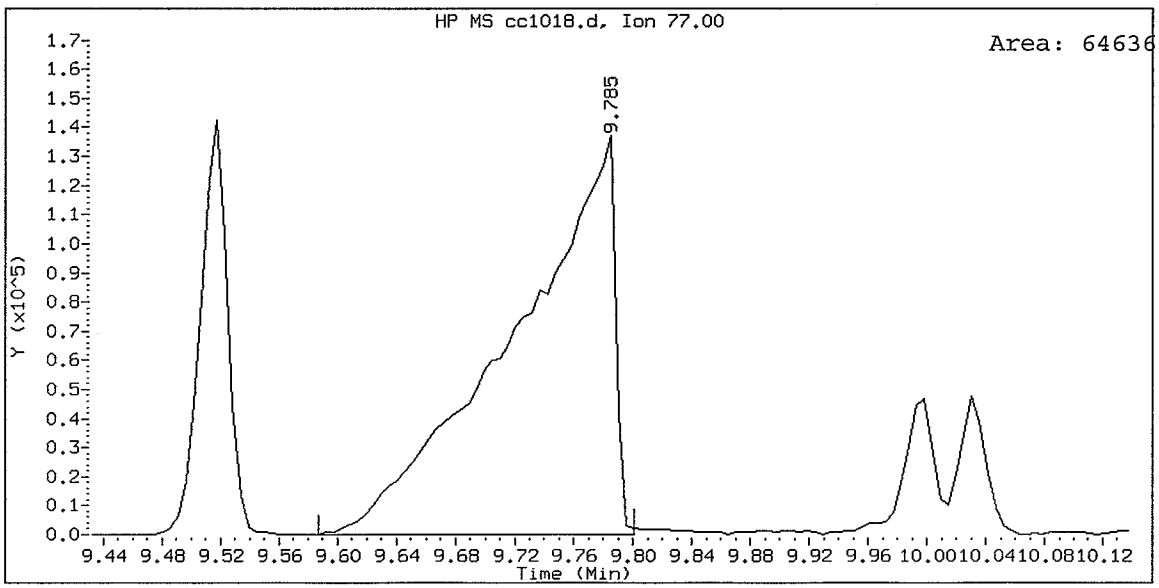




ABN 25, /chem1/nt6.i/20071018.b/cc1018.d
Benzoic acid Amount: 54.97







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

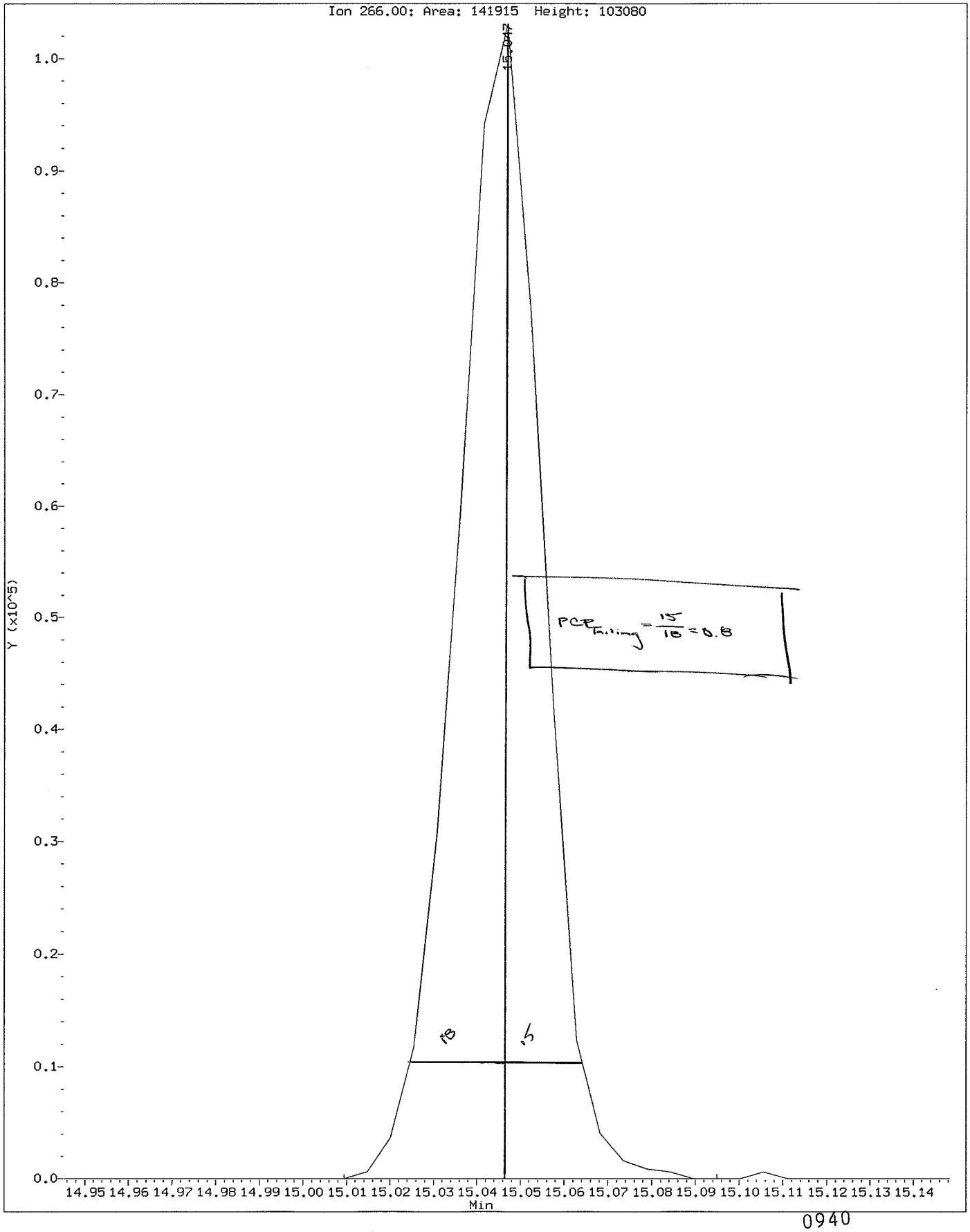
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

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

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



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