Semivolatile Organics Analysis
Standard Raw Data

prepared
for

ANCHOR ENVIRONMENTAL

KC FORMER SCOTT MILL , 00010501/T2

ARI JOB NO. IH28

prepared
by

Analytical Resources, Inc.

6B

SEMIVOLATILE 8270-C INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: IH28 Project: KC FORMER SCOTT MILL

Instrument ID: NT6 Calibration Date: 07/18/05

LAB FILE ID: RRF1 =0010718 RRF5 =0050718 RRF10 =0100718
RRF25 =0250718 RRF40 =0400718 RRF80 =0800718

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	$\overline{RRF}$	%RSD /R^2	
Phenol	1.773	1.921	1.941	1.878	1.843	1.793	1.858	3.6	*
Bis(2-Chloroethyl)ether	1.641	1.704	1.678	1.558	1.464	1.279	1.554	10.3	
2-Chlorophenol	1.359	1.507	1.467	1.471	1.394	1.229	1.404	7.2	
1,3-Dichlorobenzene	1.562	1.607	1.608	1.521	1.436	1.278	1.502	8.5	
1,4-Dichlorobenzene	1.621	1.651	1.623	1.528	1.434	1.265	1.520	9.8	*
1,2-Dichlorobenzene	1.528	1.542	1.510	1.363	1.218	1.000	1.360	15.9	
Benzyl alcohol	0.930	1.069	1.015	0.926	0.868	0.799	0.934	10.4	
2,2'-oxybis(1-Chloropropane)	2.596	2.653	2.550	2.382	2.193	1.832	2.368	13.1	
2-Methylphenol	1.221	1.411	1.355	1.327	1.254	1.115	1.280	8.3	
Hexachloroethane	0.551	0.588	0.596	0.542	0.481	0.426	0.531	12.4	
N-Nitroso-di-n-propylamine		1.256	1.187	1.065	0.974	0.975	1.091	11.6	~
4-Methylphenol	1.220	1.446	1.370	1.296	1.176	1.001	1.252	12.5	
Nitrobenzene	0.454	0.497	0.488	0.468	0.452	0.418	0.463	6.1	
Isophorone	0.804	0.870	0.842	0.803	0.781	0.782	0.814	4.3	
2-Nitrophenol		0.181	0.187	0.194	0.196	0.184	0.188	3.3	*
2,4-Dimethylphenol	0.348	0.411	0.399	0.382	0.371	0.346	0.376	7.1	
Bis(2-Chloroethoxy)methane	0.529	0.554	0.532	0.498	0.481	0.451	0.508	7.5	
2,4-Dichlorophenol		0.303	0.302	0.291	0.274	0.246	0.283	8.4	*
1,2,4-Trichlorobenzene	0.327	0.339	0.330	0.303	0.286	0.246	0.305	11.5	
Naphthalene	1.309	1.285	1.235	1.108	1.023	0.893	1.142	14.3	
Benzoic acid		0.206	0.225	0.243	0.272	0.289	0.247	13.6	
4-Chloroaniline		0.507	0.504	0.470	0.435	0.410	0.465	9.1	
Hexachlorobutadiene	0.154	0.160	0.155	0.143	0.133	0.116	0.144	11.5	*
4-Chloro-3-methylphenol		0.324	0.313	0.314	0.303	0.280	0.307	5.5	*
2-Methylnaphthalene	0.651	0.665	0.627	0.561	0.513	0.463	0.580	14.0	
Hexachlorocyclopentadiene		0.121	0.162	0.202	0.220	0.207	0.182	22.2	~
2,4,6-Trichlorophenol		0.348	0.357	0.349	0.337	0.299	0.338	6.8	*
2,4,5-Trichlorophenol		0.383	0.372	0.378	0.363	0.316	0.362	7.4	
2-Chloronaphthalene	1.313	1.298	1.229	1.033	0.942	0.792	1.101	19.3	
2-Nitroaniline		0.423	0.441	0.433	0.425	0.424	0.429	1.8	
Acenaphthylene	2.046	2.195	2.099	1.898	1.757	1.488	1.914	13.6	
Dimethylphthalate	1.356	1.404	1.358	1.266	1.205	1.088	1.280	9.2	
2,6-Dinitrotoluene		0.283	0.301	0.297	0.292	0.274	0.289	3.8	
Acenaphthene	1.372	1.367	1.307	1.168	1.091	0.916	1.204	15.0	*
3-Nitroaniline		0.311	0.312	0.320	0.317	0.299	0.312	2.6	
2,4-Dinitrophenol		0.029	0.055	0.068	0.085	0.117	0.071	46.4	~
Dibenzofuran	1.835	1.820	1.745	1.573	1.449	1.271	1.616	14.0	

* Compounds with maximim %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: IH28 Project: KC FORMER SCOTT MILL

Instrument ID: NT6 Calibration Date: 07/18/05

LAB FILE ID: RRF1 =0010718 RRF5 =0050718 RRF10 =0100718
RRF25 =0250718 RRF40 =0400718 RRF80 =0800718

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	$\overline{RRF}$	%RSD /R^2	
4-Nitrophenol		0.104	0.122	0.142	0.144	0.167	0.136	17.7	~
2,4-Dinitrotoluene		0.360	0.371	0.372	0.367	0.347	0.363	2.9	
Fluorene	1.502	1.514	1.450	1.271	1.144	0.908	1.298	18.5	
4-Chlorophenyl-phenylether	0.644	0.664	0.641	0.579	0.532	0.435	0.582	15.0	
Diethylphthalate	1.328	1.337	1.294	1.194	1.094	0.905	1.192	14.1	
4-Nitroaniline		0.319	0.330	0.322	0.309	0.326	0.321	2.5	
4,6-Dinitro-2-methylphenol		0.074	0.097	0.105	0.122	0.134	0.106	21.6	
N-Nitrosodiphenylamine (1)	0.567	0.588	0.560	0.513	0.492	0.414	0.522	12.2	
4-Bromophenyl-phenylether	0.236	0.248	0.240	0.216	0.205	0.182	0.221	11.4	
Hexachlorobenzene	0.248	0.255	0.240	0.214	0.203	0.182	0.224	12.9	
Pentachlorophenol		0.085	0.104	0.125	0.127	0.129	0.114	16.8	*
Phenanthrene	1.443	1.386	1.270	1.058	0.981	0.876	1.169	19.7	
Anthracene	1.398	1.418	1.350	1.184	1.098	0.979	1.238	14.5	
Carbazole	1.251	1.272	1.207	1.086	1.060	0.958	1.139	10.9	
Di-n-butylphthalate	1.395	1.539	1.469	1.329	1.243	1.123	1.350	11.2	
Fluoranthene	1.350	1.375	1.296	1.157	1.066	0.975	1.203	13.5	*
Pyrene	1.720	1.807	1.773	1.707	1.728	1.667	1.734	2.9	
Butylbenzylphthalate	0.745	0.852	0.856	0.856	0.866	0.842	0.836	5.4	
Benzo(a)anthracene	1.523	1.590	1.543	1.479	1.484	1.439	1.510	3.6	
3,3'-Dichlorobenzidine		0.546	0.542	0.523	0.519	0.515	0.529	2.7	
Chrysene	1.610	1.562	1.507	1.400	1.388	1.304	1.462	8.0	
bis(2-Ethylhexyl)phthalate	0.558	0.628	0.611	0.595	0.581	0.533	0.584	6.0	
Di-n-octylphthalate	1.167	1.144	1.098	1.019	0.982	0.889	1.050	10.1	*
Benzo(b)fluoranthene	1.563	1.570	1.457	1.309	1.197	1.252	1.391	11.6	
Benzo(k)fluoranthene	1.707	1.623	1.472	1.248	1.180	0.851	1.347	23.6	
Benzo(a)pyrene	1.310	1.379	1.346	1.204	1.119	0.986	1.224	12.4	*
Indeno(1,2,3-cd)pyrene	0.577	0.941	1.149	1.202	1.240	1.160	1.045	24.1	
Dibenzo(a,h)anthracene	0.369	0.692	0.879	0.949	0.969	0.867	0.788	28.8	
Benzo(g,h,i)perylene	0.560	0.834	1.004	1.060	1.121	1.018	0.933	22.1	
2-Fluorophenol		1.478	1.390	1.464	1.417	1.314	1.413	4.7	
Phenol-d5		1.797	1.698	1.661	1.595	1.458	1.642	7.7	
2-Chlorophenol-d4		1.495	1.394	1.329	1.222	1.069	1.302	12.6	
1,2-Dichlorobenzene-d4		1.008	0.915	0.849	0.782	0.687	0.848	14.5	
Nitrobenzene-d5		0.489	0.468	0.461	0.453	0.432	0.461	4.5	
2-Fluorobiphenyl		1.581	1.468	1.336	1.255	1.069	1.342	14.7	
2,4,6-Tribromophenol		0.136	0.138	0.141	0.135	0.122	0.134	5.3	

(1) Cannot be seperated from Diphenylamine
* Compounds with maximim %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

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LAB FILE ID: RRF1 =0010718 RRF5 =0050718 RRF10 =0100718
RRF25 =0250718 RRF40 =0400718 RRF80 =0800718

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	$\overline{RRF}$	%RSD /R^2
Terphenyl-d14		1.132	1.071	1.076	1.067	1.031	1.075	3.4

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

FORM VI SV-3

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 18-JUL-2005 12:01
End Cal Date : 18-JUL-2005 17:57
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20050718.b/SW846.m
Cal Date : 19-Jul-2005 08:39 jeff
Curve Type : Average

Calibration File Names:
Level 1: /chem1/nt6.i/20050718.b/0010718.d
Level 2: /chem1/nt6.i/20050718.b/0050718.d
Level 3: /chem1/nt6.i/20050718.b/0100718.d
Level 4: /chem1/nt6.i/20050718.b/0250718.d
Level 5: /chem1/nt6.i/20050718.b/0400718.d
Level 6: /chem1/nt6.i/20050718.b/0800718.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	
138 Chlorobenzilate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
139 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
140 Diallate A	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
141 Diallate B	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
142 1,2-Dibromo-3-Chloropropane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
135 2,3,5,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
136 2,3,4,5-tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
137 NewCpnd_131	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
133 Butylatedhydroxytoluene	1.03809	1.07427	1.02345	0.88613	0.79828	0.67235	0.91543	17.314	QUAD
132 3,6-Dimethylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
131 1-Methylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
146 Benzo(j)fluoranthene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
130 Dibenzothiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
129 1-Methylfluorene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
128 N-Hexadecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
127 2-Isopropylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
126 N-Tetradecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
144 alpha-Terpineol	0.21350	0.24294	0.23590	0.23260	0.22690	0.21050	0.22706	5.637	
125 Safrole	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
124 3,4-Dimethylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
123 Acetophenone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 18-JUL-2005 12:01
End Cal Date : 18-JUL-2005 17:57
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20050718.b/SW846.m
Cal Date : 19-Jul-2005 08:39 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	
122 Furfuraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
143 1,4-Dioxane	0.48704	0.52041	0.51666	0.50826	0.50714	0.47096	0.50175	3.788	
121 Quinoline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
120 2,3,4,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
119 7,12-Dimethylbenz(a)anthracen	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
118 Triphenyl Phosphate	0.24344	0.27739	0.27593	0.27847	0.28068	0.27437	0.27171	5.158	
117 Butyl Diphenyl Phosphate	0.24993	0.32721	0.34138	0.34516	0.35559	0.34776	0.32784	11.987	
116 Dibutyl Phenyl Phosphate	0.54511	0.69124	0.67982	0.62412	0.58817	0.54325	0.61195	10.538	
115 Tributyl Phosphate	1.00208	1.18439	1.16245	1.08228	1.05530	0.93306	1.06993	8.902	
114 Beta-Pinene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
113 Diphenyl Oxide	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
112 Biphenyl	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
111 Azobenzene (1,2-DP-Hydrazine)	1.65093	1.65166	1.60800	1.58332	1.52167	1.37635	1.56532	6.672	
110 Tetrachloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
109 3,4,5-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
108 4,5,6-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
107 4,5-Dichloro-2-Methoxyphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
106 Guaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
105 1-methylnaphthalene	0.65173	0.67041	0.63461	0.57053	0.53024	0.47174	0.58821	13.209	
3 Phenol	1.77278	1.92137	1.94072	1.87837	1.84335	1.79289	1.85825	3.649	
4 Bis(2-Chloroethyl)ether	1.64095	1.70411	1.67852	1.55797	1.46386	1.27943	1.55414	10.340	
6 2-Chlorophenol	1.35898	1.50673	1.46695	1.47100	1.39436	1.22930	1.40455	7.236	
7 1,3-Dichlorobenzene	1.56232	1.60703	1.60770	1.52121	1.43623	1.27762	1.50202	8.468	
9 1,4-Dichlorobenzene	1.62072	1.65080	1.62338	1.52848	1.43453	1.26484	1.52046	9.774	
11 Benzyl alcohol	0.93034	1.06924	1.01541	0.92612	0.86825	0.79862	0.93466	10.444	
12 1,2-Dichlorobenzene	1.52801	1.54166	1.51056	1.36344	1.21757	1.00000	1.36021	15.897	QUAD
13 2-Methylphenol	1.22098	1.41077	1.35543	1.32697	1.25423	1.11511	1.28058	8.289	
14 2,2'-oxybis(1-Chloropropane)	2.59615	2.65285	2.54962	2.38216	2.19323	1.83253	2.36776	13.135	
15 4-Methylphenol	1.21963	1.44559	1.37031	1.29597	1.17642	1.00106	1.25150	12.539	

Analytical Resources, Inc.

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Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20050718.b/SW846.m
Cal Date : 19-Jul-2005 08:39 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	
16 N-Nitroso-di-n-propylamine	+++++	1.25615	1.18681	1.06465	0.97409	0.97465	1.09127	11.623	
17 Hexachloroethane	0.55103	0.58764	0.59645	0.54175	0.48080	0.42569	0.53056	12.393	
19 Nitrobenzene	0.45421	0.49729	0.48757	0.46842	0.45169	0.41842	0.46293	6.111	
20 Isophorone	0.80431	0.86987	0.84173	0.80306	0.78111	0.78177	0.81364	4.336	
21 2-Nitrophenol	+++++	0.18128	0.18690	0.19434	0.19553	0.18446	0.18850	3.298	
22 2,4-Dimethylphenol	0.34812	0.41138	0.39915	0.38230	0.37119	0.34573	0.37631	7.074	
23 Bis(2-Chloroethoxy)methane	0.52912	0.55383	0.53201	0.49812	0.48100	0.45094	0.50750	7.480	
24 Benzoic acid	+++++	0.20619	0.22548	0.24269	0.27191	0.28920	0.24709	13.647	
25 2,4-Dichlorophenol	+++++	0.30348	0.30200	0.29063	0.27455	0.24628	0.28339	8.383	
26 1,2,4-Trichlorobenzene	0.32669	0.33905	0.33005	0.30263	0.28618	0.24596	0.30509	11.451	
28 Naphthalene	1.30936	1.28496	1.23488	1.10852	1.02277	0.89343	1.14232	14.342	
29 4-Chloroaniline	+++++	0.50706	0.50412	0.47026	0.43546	0.41013	0.46541	9.122	
30 Hexachlorobutadiene	0.15401	0.15970	0.15486	0.14281	0.13340	0.11586	0.14344	11.534	
31 4-Chloro-3-methylphenol	+++++	0.32455	0.31302	0.31411	0.30299	0.27982	0.30690	5.524	
32 2-Methylnaphthalene	0.65113	0.66525	0.62713	0.56063	0.51322	0.46317	0.58009	14.012	
33 Hexachlorocyclopentadiene	+++++	0.12146	0.16152	0.20155	0.22001	0.20684	0.18228	22.163	PP
34 2,4,6-Trichlorophenol	+++++	0.34825	0.35706	0.34930	0.33663	0.29911	0.33807	6.794	
35 2,4,5-Trichlorophenol	+++++	0.38271	0.37182	0.37818	0.36264	0.31636	0.36234	7.392	
37 2-Chloronaphthalene	1.31279	1.29770	1.22904	1.03324	0.94216	0.79237	1.10122	19.264	QUAD
38 2-Nitroaniline	+++++	0.42293	0.44085	0.43271	0.42490	0.42434	0.42915	1.765	
39 Dimethylphthalate	1.35630	1.40371	1.35766	1.26630	1.20532	1.08830	1.27960	9.225	
40 Acenaphthylene	2.04645	2.19493	2.09869	1.89831	1.75720	1.48790	1.91391	13.564	
41 2,6-Dinitrotoluene	+++++	0.28330	0.30065	0.29694	0.29253	0.27387	0.28946	3.751	
43 3-Nitroaniline	+++++	0.31067	0.31257	0.31982	0.31723	0.29922	0.31190	2.553	
44 Acenaphthene	1.37216	1.36704	1.30733	1.16757	1.09144	0.91579	1.20355	14.983	
45 2,4-Dinitrophenol	+++++	0.02949	0.05470	0.06828	0.08493	0.11741	0.07096	46.442	<-LIN
46 Dibenzofuran	1.83466	1.81992	1.74534	1.57338	1.44940	1.27100	1.61562	13.970	
47 4-Nitrophenol	+++++	0.10388	0.12180	0.14208	0.14449	0.16713	0.13588	17.691	PP
48 2,4-Dinitrotoluene	+++++	0.35964	0.37144	0.37230	0.36722	0.34723	0.36357	2.865	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 18-JUL-2005 12:01
End Cal Date : 18-JUL-2005 17:57
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20050718.b/SW846.m
Cal Date : 19-Jul-2005 08:39 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	
49 Fluorene	1.50257	1.51355	1.45045	1.27065	1.14375	0.90851	1.29825	18.480	QUAD
50 Diethylphthalate	1.32844	1.33695	1.29391	1.19404	1.09448	0.90513	1.19216	14.127	
51 4-Chlorophenyl-phenylether	0.64393	0.66425	0.64064	0.57934	0.53224	0.43514	0.58259	14.981	
52 4-Nitroaniline	+++++	0.31945	0.33004	0.32209	0.30878	0.32611	0.32130	2.512	
53 4,6-Dinitro-2-methylphenol	+++++	0.07416	0.09682	0.10490	0.12152	0.13386	0.10625	21.645	PP
54 N-Nitrosodiphenylamine	0.56749	0.58785	0.56053	0.51274	0.49164	0.41459	0.52247	12.235	
56 4-Bromophenyl-phenylether	0.23588	0.24791	0.24029	0.21596	0.20483	0.18163	0.22108	11.360	
57 Hexachlorobenzene	0.24822	0.25538	0.24013	0.21447	0.20336	0.18163	0.22387	12.859	
58 Pentachlorophenol	+++++	0.08462	0.10405	0.12468	0.12748	0.12867	0.11390	16.848	CCC
60 Phenanthrene	1.44312	1.38568	1.27022	1.05840	0.98069	0.87650	1.16910	19.714	QUAD
61 Anthracene	1.39829	1.41797	1.34963	1.18388	1.09762	0.97930	1.23778	14.457	
62 Carbazole	1.25138	1.27204	1.20718	1.08630	1.05968	0.95845	1.13917	10.869	
63 Di-n-butylphthalate	1.39461	1.53887	1.46868	1.32908	1.24327	1.12321	1.34962	11.237	
64 Fluoranthene	1.34955	1.37546	1.29580	1.15666	1.06660	0.97499	1.20317	13.534	
65 Pyrene	1.71983	1.80743	1.77284	1.70689	1.72757	1.66724	1.73363	2.865	
67 Butylbenzylphthalate	0.74499	0.85158	0.85584	0.85558	0.86638	0.84168	0.83601	5.418	
68 Benzo(a)anthracene	1.52284	1.59014	1.54345	1.47886	1.48377	1.43920	1.50971	3.552	
70 3,3'-Dichlorobenzidine	+++++	0.54635	0.54247	0.52342	0.51868	0.51532	0.52925	2.683	
71 Chrysene	1.61059	1.56214	1.50749	1.39977	1.38842	1.30449	1.46215	7.992	
72 bis(2-Ethylhexyl)phthalate	0.55789	0.62757	0.61086	0.59481	0.58147	0.53262	0.58420	5.962	
73 Di-n-octylphthalate	1.16683	1.14424	1.09843	1.01880	0.98233	0.88937	1.05000	10.100	
74 Benzo(b)fluoranthene	1.56342	1.57028	1.45672	1.30885	1.19681	1.25196	1.39134	11.588	
75 Benzo(k)fluoranthene	1.70706	1.62292	1.47153	1.24834	1.17995	0.85138	1.34686	23.586	QUAD
76 Benzo(a)pyrene	1.30971	1.37889	1.34623	1.20350	1.11933	0.98567	1.22389	12.362	
78 Indeno(1,2,3-cd)pyrene	0.57668	0.94132	1.14919	1.20194	1.24043	1.15973	1.04488	24.095	QUAD
79 Dibenzo(a,h)anthracene	0.36917	0.69251	0.87892	0.94928	0.96939	0.86670	0.78766	28.834	QUAD
80 Benzo(g,h,i)perylene	0.55980	0.83382	1.00451	1.06057	1.12087	1.01799	0.93293	22.125	QUAD
90 N-Nitrosodimethylamine	+++++	1.09704	1.07288	1.07654	1.06390	1.03262	1.06860	2.198	
91 Aniline	2.44350	2.62912	2.56919	2.36480	2.31552	2.19114	2.41888	6.739	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 18-JUL-2005 12:01
End Cal Date : 18-JUL-2005 17:57
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20050718.b/SW846.m
Cal Date : 19-Jul-2005 08:39 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	
	92 1,2-Diphenylhydrazine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	93 Benzidine	+++++	0.75813	0.73935	0.70043	0.67192	0.64050	0.70207	6.844	
	96 p-Cymene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	97 Caffeine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	98 Retene	+++++	0.53998	0.53808	0.54277	0.55128	0.53288	0.54100	1.255	
	99 Perylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	100 3-beta-Coprostanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	101 Cholesterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	102 beta-Sitosterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	103 Pyridine	+++++	2.04377	1.96805	1.93714	2.01448	1.95659	1.98401	2.212	
$	1 2-Fluorophenol	+++++	1.47831	1.38989	1.46378	1.41717	1.31353	1.41254	4.654	
$	145 d8-1,4-Dioxane	+++++	0.82235	0.82950	0.80065	0.78377	0.72259	0.79177	5.391	
$	2 Phenol-d5	+++++	1.79743	1.69764	1.66091	1.59494	1.45762	1.64171	7.694	
$	5 2-Chlorophenol-d4	+++++	1.49541	1.39443	1.32907	1.22182	1.06878	1.30190	12.592	
$	10 1,2-Dichlorobenzene-d4	+++++	1.00783	0.91472	0.84925	0.78211	0.68684	0.84815	14.478	
$	18 Nitrobenzene-d5	+++++	0.48920	0.46796	0.46087	0.45319	0.43228	0.46070	4.513	
$	36 2-Fluorobiphenyl	+++++	1.58087	1.46776	1.33580	1.25461	1.06883	1.34157	14.681	
$	55 2,4,6-Tribromophenol	+++++	0.13575	0.13825	0.14117	0.13485	0.12258	0.13452	5.286	
$	66 Terphenyl-d14	+++++	1.13210	1.07140	1.07577	1.06691	1.03100	1.07544	3.376	
$	85 p-Cresol-d4	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$	86 Anthracene-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$	87 Fluoranthene-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$	88 Dibenz(a,h)anthracene-d14	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$	89 Diphenyl-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$	95 D10-1-methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

000391

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 18-JUL-2005 12:01
End Cal Date : 18-JUL-2005 17:57
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20050718.b/SW846.m
Cal Date : 19-Jul-2005 08:39 jeff

Calibration File Names:
Level 1: /chem1/nt6.i/20050718.b/0010718.d
Level 2: /chem1/nt6.i/20050718.b/0050718.d
Level 3: /chem1/nt6.i/20050718.b/0100718.d
Level 4: /chem1/nt6.i/20050718.b/0250718.d
Level 5: /chem1/nt6.i/20050718.b/0400718.d
Level 6: /chem1/nt6.i/20050718.b/0800718.d

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
138 Chlorobenzilate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
139 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
140 Diallate A	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
141 Diallate B	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
142 1,2-Dibromo-3-Chloropropane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
135 2,3,5,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
136 2,3,4,5-tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
137 NewCpnd_131	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
133 Butylatedhydroxytoluene	9950	50661	94647	202324	299569	546448	QUAD	0.000e+00	0.88530	0.22436	0.99996	
132 3,6-Dimethylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
131 1-Methylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
146 Benzo(j)fluoranthene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
130 Dibenzothiophene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
129 1-Methylfluorene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 18-JUL-2005 12:01
End Cal Date : 18-JUL-2005 17:57
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20050718.b/SW846.m
Cal Date : 19-Jul-2005 08:39 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
128 N-Hexadecane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
127 2-Isopropylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
126 N-Tetradecane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
144 alpha-Terpineol	0.21350	0.24294	0.23590	0.23260	0.22690	0.21050	AVRG		0.22706		5.63730	
125 Safrole	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
124 3,4-Dimethylphenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
123 Acetophenone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
122 Furfuraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
143 1,4-Dioxane	0.48704	0.52041	0.51666	0.50826	0.50714	0.47096	AVRG		0.50175		3.78812	
121 Quinoline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
120 2,3,4,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
119 7,12-Dimethylbenz(a)anthracen	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
118 Triphenyl Phosphate	0.24344	0.27739	0.27593	0.27847	0.28068	0.27437	AVRG		0.27171		5.15843	
117 Butyl Diphenyl Phosphate	0.24993	0.32721	0.34138	0.34516	0.35559	0.34776	AVRG		0.32784		11.98658	
116 Dibutyl Phenyl Phosphate	0.54511	0.69124	0.67982	0.62412	0.58817	0.54325	AVRG		0.61195		10.53843	
115 Tributyl Phosphate	1.00208	1.18439	1.16245	1.08228	1.05530	0.93306	AVRG		1.06993		8.90241	
114 Beta-Pinene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
113 Diphenyl Oxide	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
112 Biphenyl	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
111 Azobenzene (1,2-DP-Hydrazine)	1.65093	1.65166	1.60800	1.58332	1.52167	1.37635	AVRG		1.56532		6.67237	
110 Tetrachloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
109 3,4,5-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

000393

Start Cal Date : 18-JUL-2005 12:01
End Cal Date : 18-JUL-2005 17:57
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20050718.b/SW846.m
Cal Date : 19-Jul-2005 08:39 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
108 4,5,6-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
107 4,5-Dichloro-2-Methoxyphenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
106 Guaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
105 1-methylnaphthalene	0.65173	0.67041	0.63461	0.57053	0.53024	0.47174	AVRG		0.58821		13.20903	
3 Phenol	1.77278	1.92137	1.94072	1.87837	1.84335	1.79289	AVRG		1.85825		3.64895	
4 Bis(2-Chloroethyl)ether	1.64095	1.70411	1.67852	1.55797	1.46386	1.27943	AVRG		1.55414		10.34028	
6 2-Chlorophenol	1.35898	1.50673	1.46695	1.47100	1.39436	1.22930	AVRG		1.40455		7.23565	
7 1,3-Dichlorobenzene	1.56232	1.60703	1.60770	1.52121	1.43623	1.27762	AVRG		1.50202		8.46781	
9 1,4-Dichlorobenzene	1.62072	1.65080	1.62338	1.52848	1.43453	1.26484	AVRG		1.52046		9.77379	
11 Benzyl alcohol	0.93034	1.06924	1.01541	0.92612	0.86825	0.79862	AVRG		0.93466		10.44376	
12 1,2-Dichlorobenzene	7928	39764	79194	169128	251363	421497	QUAD	0.000e+00	0.55115	0.11196	0.99993	
13 2-Methylphenol	1.22098	1.41077	1.35543	1.32697	1.25423	1.11511	AVRG		1.28058		8.28858	
14 2,2'-oxybis(1-Chloropropane)	2.59615	2.65285	2.54962	2.38216	2.19323	1.83253	AVRG		2.36776		13.13539	
15 4-Methylphenol	1.21963	1.44559	1.37031	1.29597	1.17642	1.00106	AVRG		1.25150		12.53943	
16 N-Nitroso-di-n-propylamine	+++++	1.25615	1.18681	1.06465	0.97409	0.97465	AVRG		1.09127		11.62316	
17 Hexachloroethane	0.55103	0.58764	0.59645	0.54175	0.48080	0.42569	AVRG		0.53056		12.39316	
19 Nitrobenzene	0.45421	0.49729	0.48757	0.46842	0.45169	0.41842	AVRG		0.46293		6.11053	
20 Isophorone	0.80431	0.86987	0.84173	0.80306	0.78111	0.78177	AVRG		0.81364		4.33600	
21 2-Nitrophenol	+++++	0.18128	0.18690	0.19434	0.19553	0.18446	AVRG		0.18850		3.29827	
22 2,4-Dimethylphenol	0.34812	0.41138	0.39915	0.38230	0.37119	0.34573	AVRG		0.37631		7.07396	
23 Bis(2-Chloroethoxy)methane	0.52912	0.55383	0.53201	0.49812	0.48100	0.45094	AVRG		0.50750		7.47965	
24 Benzoic acid	+++++	0.20619	0.22548	0.24269	0.27191	0.28920	AVRG		0.24709		13.64733	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

000394

Start Cal Date : 18-JUL-2005 12:01
End Cal Date : 18-JUL-2005 17:57
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20050718.b/SW846.m
Cal Date : 19-Jul-2005 08:39 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
25 2,4-Dichlorophenol	+++++	0.30348	0.30200	0.29063	0.27455	0.24628	AVRG		0.28339		8.38328	
26 1,2,4-Trichlorobenzene	0.32669	0.33905	0.33005	0.30263	0.28618	0.24596	AVRG		0.30509		11.45089	
28 Naphthalene	1.30936	1.28496	1.23488	1.10852	1.02277	0.89343	AVRG		1.14232		14.34166	
29 4-Chloroaniline	+++++	0.50706	0.50412	0.47026	0.43546	0.41013	AVRG		0.46541		9.12231	
30 Hexachlorobutadiene	0.15401	0.15970	0.15486	0.14281	0.13340	0.11586	AVRG		0.14344		11.53412	
31 4-Chloro-3-methylphenol	+++++	0.32455	0.31302	0.31411	0.30299	0.27982	AVRG		0.30690		5.52403	
32 2-Methylnaphthalene	0.65113	0.66525	0.62713	0.56063	0.51322	0.46317	AVRG		0.58009		14.01186	
33 Hexachlorocyclopentadiene	+++++	0.12146	0.16152	0.20155	0.22001	0.20684	AVRG		0.18228		22.16273	
34 2,4,6-Trichlorophenol	+++++	0.34825	0.35706	0.34930	0.33663	0.29911	AVRG		0.33807		6.79391	
35 2,4,5-Trichlorophenol	+++++	0.38271	0.37182	0.37818	0.36264	0.31636	AVRG		0.36234		7.39166	
37 2-Chloronaphthalene	12583	61198	113660	235911	353562	644001	QUAD	0.000e+00	0.75237	0.16120	0.99993	
38 2-Nitroaniline	+++++	0.42293	0.44085	0.43271	0.42490	0.42434	AVRG		0.42915		1.76463	
39 Dimethylphthalate	1.35630	1.40371	1.35766	1.26630	1.20532	1.08830	AVRG		1.27960		9.22485	
40 Acenaphthylene	2.04645	2.19493	2.09869	1.89831	1.75720	1.48790	AVRG		1.91391		13.56392	
41 2,6-Dinitrotoluene	+++++	0.28330	0.30065	0.29694	0.29253	0.27387	AVRG		0.28946		3.75061	
43 3-Nitroaniline	+++++	0.31067	0.31257	0.31982	0.31723	0.29922	AVRG		0.31190		2.55346	
44 Acenaphthene	1.37216	1.36704	1.30733	1.16757	1.09144	0.91579	AVRG		1.20355		14.98342	
45 2,4-Dinitrophenol	+++++	2781	10117	15591	31871	95425	LINR	0.56560	0.13413		0.99113	<-
46 Dibenzofuran	1.83466	1.81992	1.74534	1.57338	1.44940	1.27100	AVRG		1.61562		13.97028	
47 4-Nitrophenol	+++++	0.10388	0.12180	0.14208	0.14449	0.16713	AVRG		0.13588		17.69073	
48 2,4-Dinitrotoluene	+++++	0.35964	0.37144	0.37230	0.36722	0.34723	AVRG		0.36357		2.86452	
49 Fluorene	14402	71377	134135	290119	429210	738393	QUAD	0.000e+00	0.53870	0.15374	0.99978	

000395

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 18-JUL-2005 12:01
End Cal Date : 18-JUL-2005 17:57
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20050718.b/SW846.m
Cal Date : 19-Jul-2005 08:39 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
50 Diethylphthalate	1.32844	1.33695	1.29391	1.19404	1.09448	0.90513	AVRG		1.19216		14.12696
51 4-Chlorophenyl-phenylether	0.64393	0.66425	0.64064	0.57934	0.53224	0.43514	AVRG		0.58259		14.98082
52 4-Nitroaniline	+++++	0.31945	0.33004	0.32209	0.30878	0.32611	AVRG		0.32130		2.51188
53 4,6-Dinitro-2-methylphenol	+++++	0.07416	0.09682	0.10490	0.12152	0.13386	AVRG		0.10625		21.64520
54 N-Nitrosodiphenylamine	0.56749	0.58785	0.56053	0.51274	0.49164	0.41459	AVRG		0.52247		12.23494
56 4-Bromophenyl-phenylether	0.23588	0.24791	0.24029	0.21596	0.20483	0.18163	AVRG		0.22108		11.36010
57 Hexachlorobenzene	0.24822	0.25538	0.24013	0.21447	0.20336	0.18163	AVRG		0.22387		12.85899
58 Pentachlorophenol	+++++	0.08462	0.10405	0.12468	0.12748	0.12867	AVRG		0.11390		16.84775
60 Phenanthrene	18831	89505	161997	344025	511064	969368	QUAD	0.000e+00	0.81368	0.09430	0.99953
61 Anthracene	1.39829	1.41797	1.34963	1.18388	1.09762	0.97930	AVRG		1.23778		14.45689
62 Carbazole	1.25138	1.27204	1.20718	1.08630	1.05968	0.95845	AVRG		1.13917		10.86859
63 Di-n-butylphthalate	1.39461	1.53887	1.46868	1.32908	1.24327	1.12321	AVRG		1.34962		11.23739
64 Fluoranthene	1.34955	1.37546	1.29580	1.15666	1.06660	0.97499	AVRG		1.20317		13.53363
65 Pyrene	1.71983	1.80743	1.77284	1.70689	1.72757	1.66724	AVRG		1.73363		2.86488
67 Butylbenzylphthalate	0.74499	0.85158	0.85584	0.85558	0.86638	0.84168	AVRG		0.83601		5.41794
68 Benzo(a)anthracene	1.52284	1.59014	1.54345	1.47886	1.48377	1.43920	AVRG		1.50971		3.55171
70 3,3'-Dichlorobenzidine	+++++	0.54635	0.54247	0.52342	0.51868	0.51532	AVRG		0.52925		2.68346
71 Chrysene	1.61059	1.56214	1.50749	1.39977	1.38842	1.30449	AVRG		1.46215		7.99182
72 bis(2-Ethylhexyl)phthalate	0.55789	0.62757	0.61086	0.59481	0.58147	0.53262	AVRG		0.58420		5.96160
73 Di-n-octylphthalate	1.16683	1.14424	1.09843	1.01880	0.98233	0.88937	AVRG		1.05000		10.09968
74 Benzo(b)fluoranthene	1.56342	1.57028	1.45672	1.30885	1.19681	1.25196	AVRG		1.39134		11.58822
75 Benzo(k)fluoranthene	19324	96652	175740	364916	557883	906266	QUAD	0.000e+00	0.40724	0.21955	0.99547

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

000396

Start Cal Date : 18-JUL-2005 12:01
End Cal Date : 18-JUL-2005 17:57
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20050718.b/SW846.m
Cal Date : 19-Jul-2005 08:39 jeff

	Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
76	Benzo(a)pyrene	1.30971	1.37889	1.34623	1.20350	1.11933	0.98567	AVRG		1.22389		12.36216	
78	Indeno(1,2,3-cd)pyrene	6528	56060	137244	351353	586480	1234504	QUAD	0.000e+00	0.79180	0.01464	0.99947	
79	Dibenzo(a,h)anthracene	4179	41242	104966	277494	458328	922582	QUAD	0.000e+00	0.96699	0.05240	0.99904	
80	Benzo(g,h,i)perylene	6337	49658	119965	310027	529949	1083627	QUAD	0.000e+00	0.86993	0.02646	0.99889	
90	N-Nitrosodimethylamine	+++++	1.09704	1.07288	1.07654	1.06390	1.03262	AVRG		1.06860		2.19812	
91	Aniline	2.44350	2.62912	2.56919	2.36480	2.31552	2.19114	AVRG		2.41888		6.73947	
92	1,2-Diphenylhydrazine	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
93	Benzidine	+++++	0.75813	0.73935	0.70043	0.67192	0.64050	AVRG		0.70207		6.84435	
96	p-Cymene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
97	Caffeine	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
98	Retene	+++++	0.53998	0.53808	0.54277	0.55128	0.53288	AVRG		0.54100		1.25507	
99	Perylene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
100	3-beta-Coprostanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
101	Cholesterol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
102	beta-Sitosterol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
103	Pyridine	+++++	2.04377	1.96805	1.93714	2.01448	1.95659	AVRG		1.98401		2.21185	
$ 1	2-Fluorophenol	+++++	1.47831	1.38989	1.46378	1.41717	1.31353	AVRG		1.41254		4.65416	
$ 145	d8-1,4-Dioxane	+++++	0.82235	0.82950	0.80065	0.78377	0.72259	AVRG		0.79177		5.39097	
$ 2	Phenol-d5	+++++	1.79743	1.69764	1.66091	1.59494	1.45762	AVRG		1.64171		7.69400	
$ 5	2-Chlorophenol-d4	+++++	1.49541	1.39443	1.32907	1.22182	1.06878	AVRG		1.30190		12.59223	
$ 10	1,2-Dichlorobenzene-d4	+++++	1.00783	0.91472	0.84925	0.78211	0.68684	AVRG		0.84815		14.47791	

000397

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 18-JUL-2005 12:01
End Cal Date : 18-JUL-2005 17:57
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20050718.b/SW846.m
Cal Date : 19-Jul-2005 08:39 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
$ 18 Nitrobenzene-d5	+++++	0.48920	0.46796	0.46087	0.45319	0.43228	AVRG		0.46070		4.51296	
$ 36 2-Fluorobiphenyl	+++++	1.58087	1.46776	1.33580	1.25461	1.06883	AVRG		1.34157		14.68117	
$ 55 2,4,6-Tribromophenol	+++++	0.13575	0.13825	0.14117	0.13485	0.12258	AVRG		0.13452		5.28647	
$ 66 Terphenyl-d14	+++++	1.13210	1.07140	1.07577	1.06691	1.03100	AVRG		1.07544		3.37639	
$ 85 p-Cresol-d4	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 86 Anthracene-d10	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 87 Fluoranthene-d10	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 88 Dibenz(a,h)anthracene-d14	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 89 Diphenyl-d10	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 95 D10-1-methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 18-JUL-2005 12:01
End Cal Date : 18-JUL-2005 17:57
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20050718.b/SW846.m
Cal Date : 19-Jul-2005 08:39 jeff

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem1/nt6.i/20050718.b/0010718.d
Lab Smp Id: ABN 1
Inj Date : 18-JUL-2005 16:15
Operator : LJR/VS Inst ID: nt6.i
Smp Info : ABN 1
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20050718.b/SW846.m
Meth Date : 19-Jul-2005 10:03 jeff Quant Type: ISTD
Cal Date : 18-JUL-2005 16:15 Cal File: 0010718.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)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.929	5.937	(0.757)	7015	1.00000	0.9572
$	2 Phenol-d5	99	7.441	7.476	(0.950)	8131	1.00000	0.9546
	3 Phenol	94	7.457	7.497	(0.952)	9198	1.00000	0.9540
$	5 2-Chlorophenol-d4	132	7.548	7.572	(0.963)	6881	1.00000	1.019
	4 Bis(2-Chloroethyl)ether	93	7.532	7.561	(0.961)	8514	1.00000	1.056
	6 2-Chlorophenol	128	7.569	7.593	(0.966)	7051	1.00000	0.9676
	7 1,3-Dichlorobenzene	146	7.772	7.791	(0.992)	8106	1.00000	1.040
*	8 1,4-Dichlorobenzene-d4	152	7.836	7.850	(1.000)	103769	20.0000	
	9 1,4-Dichlorobenzene	146	7.863	7.876	(1.003)	8409	1.00000	1.066
$	10 1,2-Dichlorobenzene-d4	152	8.130	8.149	(1.037)	5221	1.00000	1.186
	12 1,2-Dichlorobenzene	146	8.152	8.170	(1.040)	7928	1.00000	1.123
	11 Benzyl alcohol	108	8.136	8.181	(1.038)	4827	1.00000	0.9954
	14 2,2'-oxybis(1-Chloropropane)	45	8.387	8.405	(1.070)	13470	1.00000	1.096
	13 2-Methylphenol	108	8.376	8.400	(1.069)	6335	1.00000	0.9535
	17 Hexachloroethane	117	8.627	8.635	(1.101)	2859	1.00000	1.039
	16 N-Nitroso-di-n-propylamine	70	8.606	8.662	(1.098)	6183	1.00000	1.092
	15 4-Methylphenol	108	8.611	8.651	(1.099)	6328	1.00000	0.9745
$	18 Nitrobenzene-d5	82	8.777	8.806	(0.890)	7990	1.00000	0.9553
	19 Nitrobenzene	77	8.803	8.838	(0.893)	8246	1.00000	0.9812
	20 Isophorone	82	9.177	9.222	(0.931)	14602	1.00000	0.9885
	21 2-Nitrophenol	139	9.316	9.335	(0.945)	2462	1.00000	0.7194
	22 2,4-Dimethylphenol	107	9.434	9.468	(0.957)	6320	1.00000	0.9251
	23 Bis(2-Chloroethoxy)methane	93	9.573	9.602	(0.971)	9606	1.00000	1.043
	24 Benzoic acid	105	9.615	9.842	(0.975)	1884	5.00000	0.6238(M)
	25 2,4-Dichlorophenol	162	9.711	9.725	(0.985)	4118	1.00000	0.8005(M)
	26 1,2,4-Trichlorobenzene	180	9.808	9.826	(0.995)	5931	1.00000	1.071
*	27 Naphthalene-d8	136	9.861	9.880	(1.000)	363093	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.893	9.917	(1.003)	23771	1.00000	1.146
	29 4-Chloroaniline	127	10.059	10.083	(1.020)	7838	1.00000	0.9277
	30 Hexachlorobutadiene	225	10.208	10.216	(1.035)	2796	1.00000	1.074
	31 4-Chloro-3-methylphenol	107	10.892	10.895	(1.105)	4655	1.00000	0.8355
	32 2-Methylnaphthalene	141	10.999	11.023	(1.115)	11821	1.00000	1.122
	33 Hexachlorocyclopentadiene	237	11.378	11.386	(0.896)	197	1.00000	0.1128
	34 2,4,6-Trichlorophenol	196	11.533	11.546	(0.908)	2392	1.00000	0.7382
	35 2,4,5-Trichlorophenol	196	11.619	11.605	(0.915)	2633	1.00000	0.7582 (M)
$	36 2-Fluorobiphenyl	172	11.645	11.669	(0.917)	14918	1.00000	1.160
	37 2-Chloronaphthalene	162	11.774	11.803	(0.927)	12583	1.00000	1.192
	38 2-Nitroaniline	65	12.041	12.065	(0.948)	3029	1.00000	0.7364
	39 Dimethylphthalate	163	12.393	12.428	(0.976)	13000	1.00000	1.060
	40 Acenaphthylene	152	12.447	12.470	(0.980)	19615	1.00000	1.069
	41 2,6-Dinitrotoluene	165	12.500	12.535	(0.984)	1888	1.00000	0.6805
*	42 Acenaphthene-d10	164	12.698	12.711	(1.000)	191698	20.0000	
	43 3-Nitroaniline	138	12.724	12.748	(1.002)	2272	1.00000	0.7600
	44 Acenaphthene	153	12.746	12.775	(1.004)	13152	1.00000	1.140
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	13.002	13.031	(1.024)	17585	1.00000	1.136
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	13.120	13.154	(1.033)	1781	1.00000	0.5111
	50 Diethylphthalate	149	13.531	13.566	(1.066)	12733	1.00000	1.114
	49 Fluorene	166	13.558	13.582	(1.068)	14402	1.00000	1.157
	51 4-Chlorophenyl-phenylether	204	13.585	13.608	(1.070)	6172	1.00000	1.105
	52 4-Nitroaniline	138	13.734	13.774	(1.082)	2165	1.00000	0.7030
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	13.798	13.838	(0.917)	7405	1.00000	1.086
$	55 2,4,6-Tribromophenol	330	14.001	14.014	(1.103)	592	1.00000	0.4597 (M)
	56 4-Bromophenyl-phenylether	248	14.359	14.383	(0.954)	3078	1.00000	1.067
	57 Hexachlorobenzene	284	14.573	14.602	(0.968)	3239	1.00000	1.109
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	15.054	15.067	(1.000)	260976	20.0000	
	60 Phenanthrene	178	15.086	15.120	(1.002)	18831	1.00000	1.234
	61 Anthracene	178	15.155	15.190	(1.007)	18246	1.00000	1.130
	62 Carbazole	167	15.465	15.494	(1.027)	16329	1.00000	1.099
	63 Di-n-butylphthalate	149	16.159	16.178	(1.073)	18198	1.00000	1.033
	64 Fluoranthene	202	17.009	17.043	(1.130)	17610	1.00000	1.122
	65 Pyrene	202	17.367	17.396	(0.898)	19364	1.00000	1.122
$	66 Terphenyl-d14	244	17.682	17.706	(0.914)	11926	1.00000	0.9920
	67 Butylbenzylphthalate	149	18.558	18.582	(0.960)	8388	1.00000	0.9849
	68 Benzo(a)anthracene	228	19.306	19.340	(0.998)	17146	1.00000	0.8911
*	69 Chrysene-d12	240	19.338	19.362	(1.000)	225185	20.0000	1.009
	70 3,3'-Dichlorobenzidine	252	19.349	19.373	(1.001)	5184	1.00000	0.8700
	71 Chrysene	228	19.370	19.415	(1.002)	18134	1.00000	1.102
	72 bis(2-Ethylhexyl)phthalate	149	19.530	19.543	(0.955)	12424	1.00000	0.9550
*	134 Di-n-octylphthalate-d4	153	20.449	20.473	(1.000)	445394	20.0000	
	73 Di-n-octylphthalate	149	20.460	20.489	(1.001)	25985	1.00000	1.111

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	74 Benzo(b)fluoranthene	252	20.946	21.002	(0.975)	17698	1.00000	1.124
	75 Benzo(k)fluoranthene	252	20.978	21.034	(0.976)	19324	1.00000	1.208
	76 Benzo(a)pyrene	252	21.395	21.456	(0.996)	14826	1.00000	1.070
*	77 Perylene-d12	264	21.486	21.509	(1.000)	226401	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	22.965	23.000	(1.069)	6528	1.00000	0.5519
	79 Dibenzo(a,h)anthracene	278	22.992	23.043	(1.070)	4179	1.00000	0.4687
	80 Benzo(g,h,i)perylene	276	23.361	23.422	(1.087)	6337	1.00000	0.6000
	90 N-Nitrosodimethylamine	74	3.750	3.774	(0.478)	5297	1.00000	0.9554
	103 Pyridine	79	3.921	3.704	(0.500)	4443	1.00000	0.4929(M)
	91 Aniline	93	7.414	7.438	(0.946)	12678	1.00000	1.010
	105 1-methylnaphthalene	141	11.175	11.194	(1.133)	11832	1.00000	1.108
	93 Benzidine	184	17.297	17.316	(0.894)	6881	1.00000	0.8705
	98 Retene	219	17.912	17.936	(0.926)	5394	1.00000	0.8855
	111 Azobenzene (1,2-DP-Hydrazine)	77	13.830	13.859	(1.089)	15824	1.00000	1.055
	144 alpha-Terpineol	59	9.920	9.949	(1.006)	3876	1.00000	0.9403
	143 1,4-Dioxane	58	3.178	3.186	(0.406)	2527	1.00000	0.9707
$	145 d8-1,4-Dioxane	96	3.135	3.138	(0.400)	4171	1.00000	1.015
	133 Butylatedhydroxytoluene	205	12.863	12.887	(1.013)	9950	1.00000	1.134
	115 Tributyl Phosphate	99	13.884	13.961	(0.922)	13076	1.00000	1.085
	116 Dibutyl Phenyl Phosphate	175	15.604	15.633	(1.037)	7113	1.00000	0.8908
	117 Butyl Diphenyl Phosphate	94	17.281	17.300	(0.894)	2814	1.00000	0.7624
	118 Triphenyl Phosphate	326	18.873	18.897	(0.976)	2741	1.00000	0.8960

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: 0010718.d
Lab Smp Id: ABN 1
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VS
Method File: /chem1/nt6.i/20050718.b/SW846.m
Misc Info:

Calibration Date: 18-JUL-2005
Calibration Time: 15:03

Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	99236	49618	198472	103769	4.57
27 Naphthalene-d8	351454	175727	702908	363093	3.31
42 Acenaphthene-d10	182658	91329	365316	191698	4.95
59 Phenanthrene-d10	260034	130017	520068	260976	0.36
69 Chrysene-d12	179938	89969	359876	225185	25.15
134 Di-n-octylphthala	368961	184480	737922	445394	20.72
77 Perylene-d12	233857	116928	467714	226401	-3.19

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.84	7.34	8.34	7.84	-0.06
27 Naphthalene-d8	9.87	9.37	10.37	9.86	-0.10
42 Acenaphthene-d10	12.70	12.20	13.20	12.70	-0.04
59 Phenanthrene-d10	15.06	14.56	15.56	15.05	-0.03
69 Chrysene-d12	19.34	18.84	19.84	19.34	-0.02
134 Di-n-octylphthala	20.46	19.96	20.96	20.45	-0.05
77 Perylene-d12	21.49	20.99	21.99	21.49	-0.02

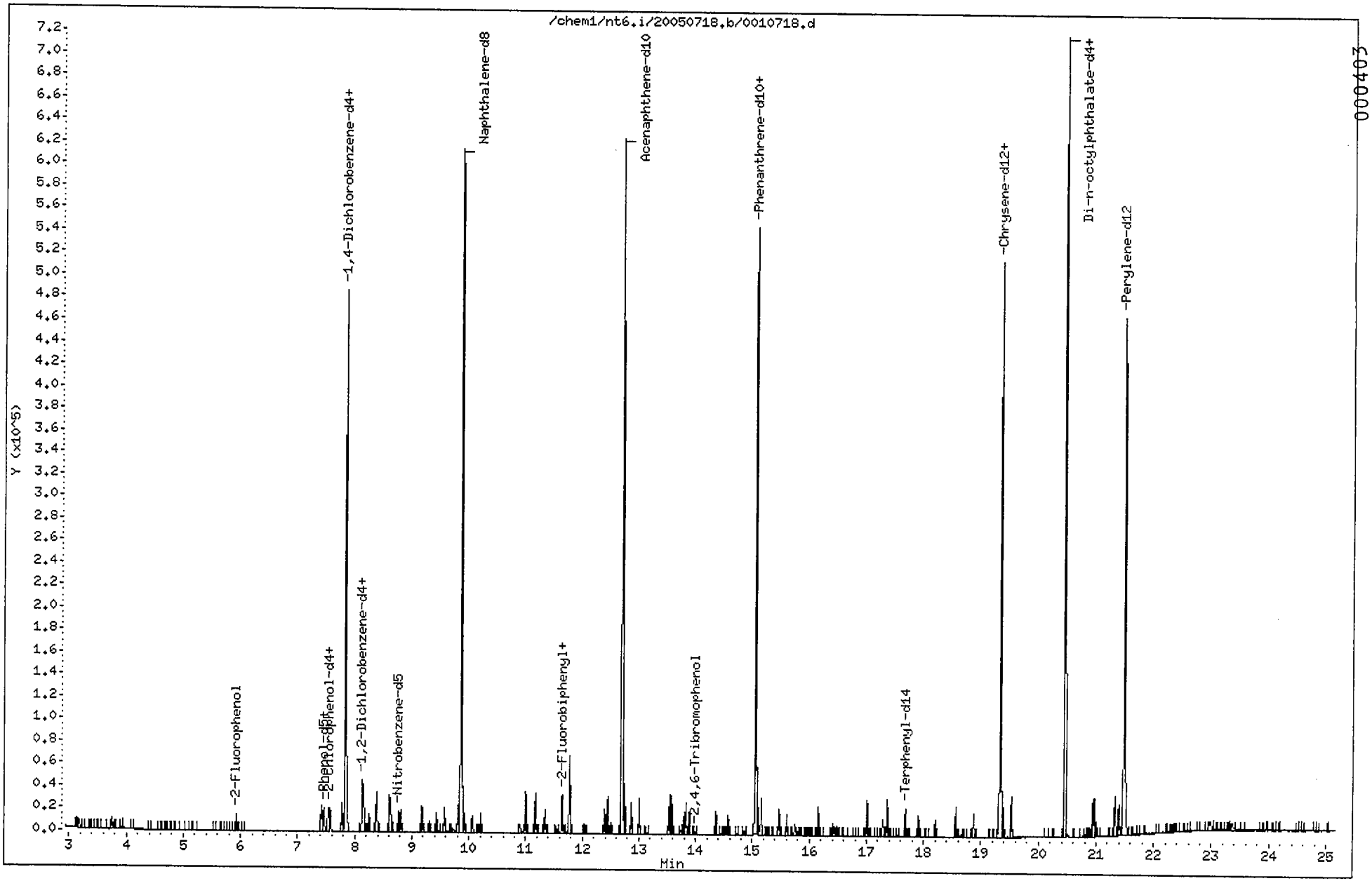
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20050718.b/0010718.d
Date : 18-JUL-2005 16:15
Client ID:
Sample Info: ABN 1

Instrument: nt6.i

Operator: LJR/VS
Column diameter: 0.32

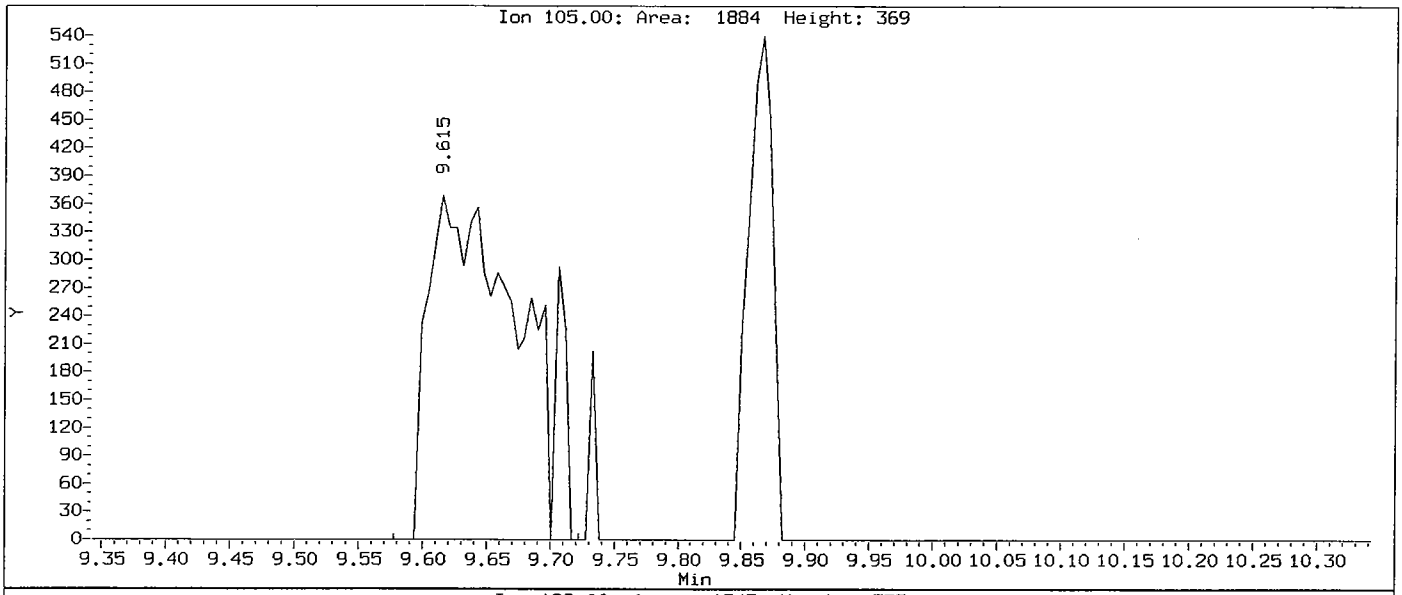
Column phase: RTX-5

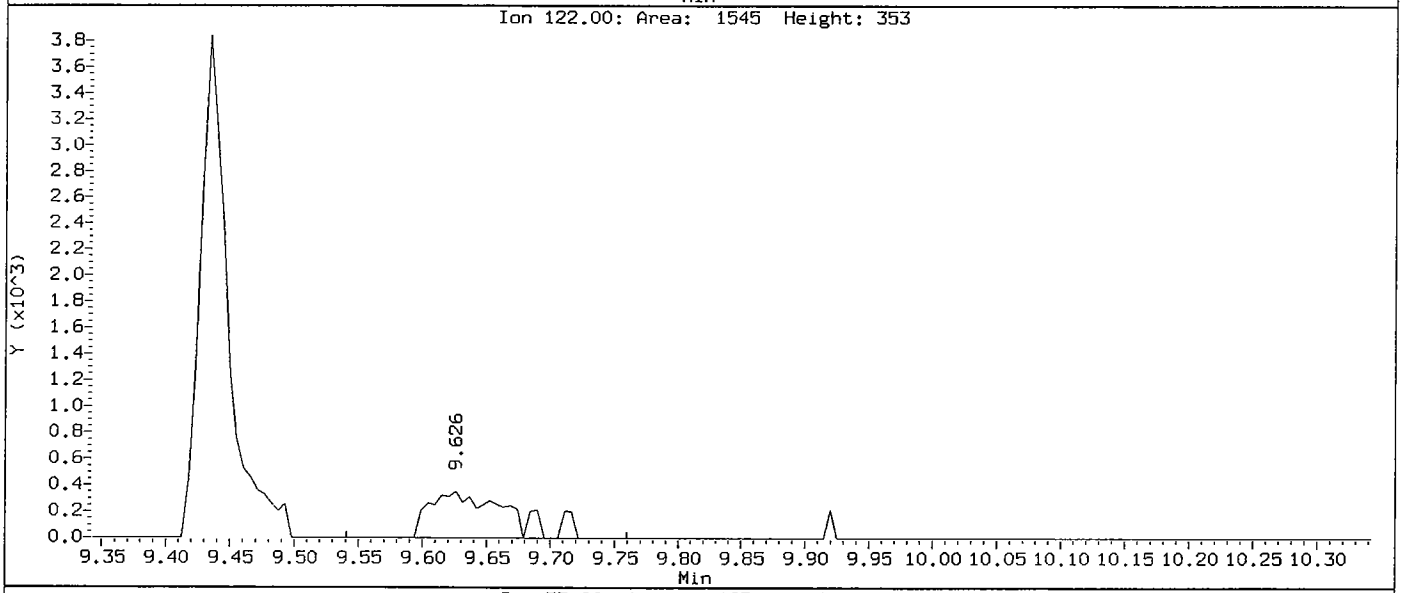


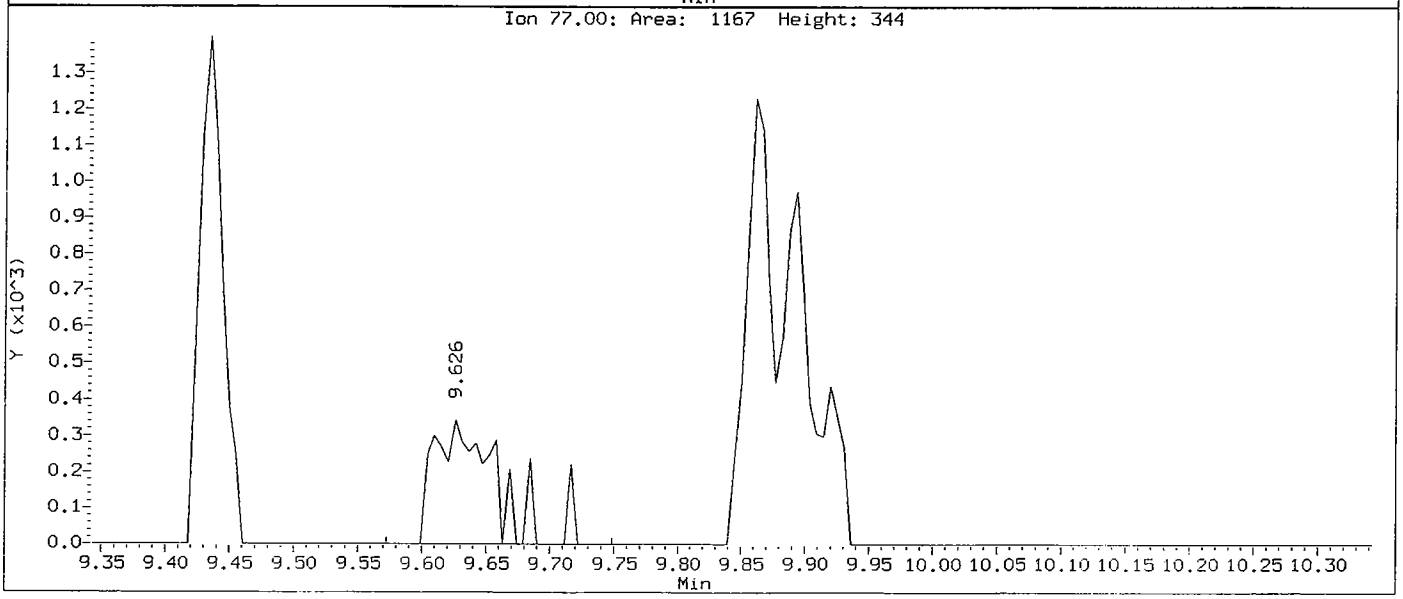
000403

Data File: /chem1/nt6.i/20050718.b/0010718.d
Injection Date: 18-JUL-2005 16:15
Instrument: nt6.i
Client Sample ID:

Compound: Benzoic acid
CAS Number: 65-85-0

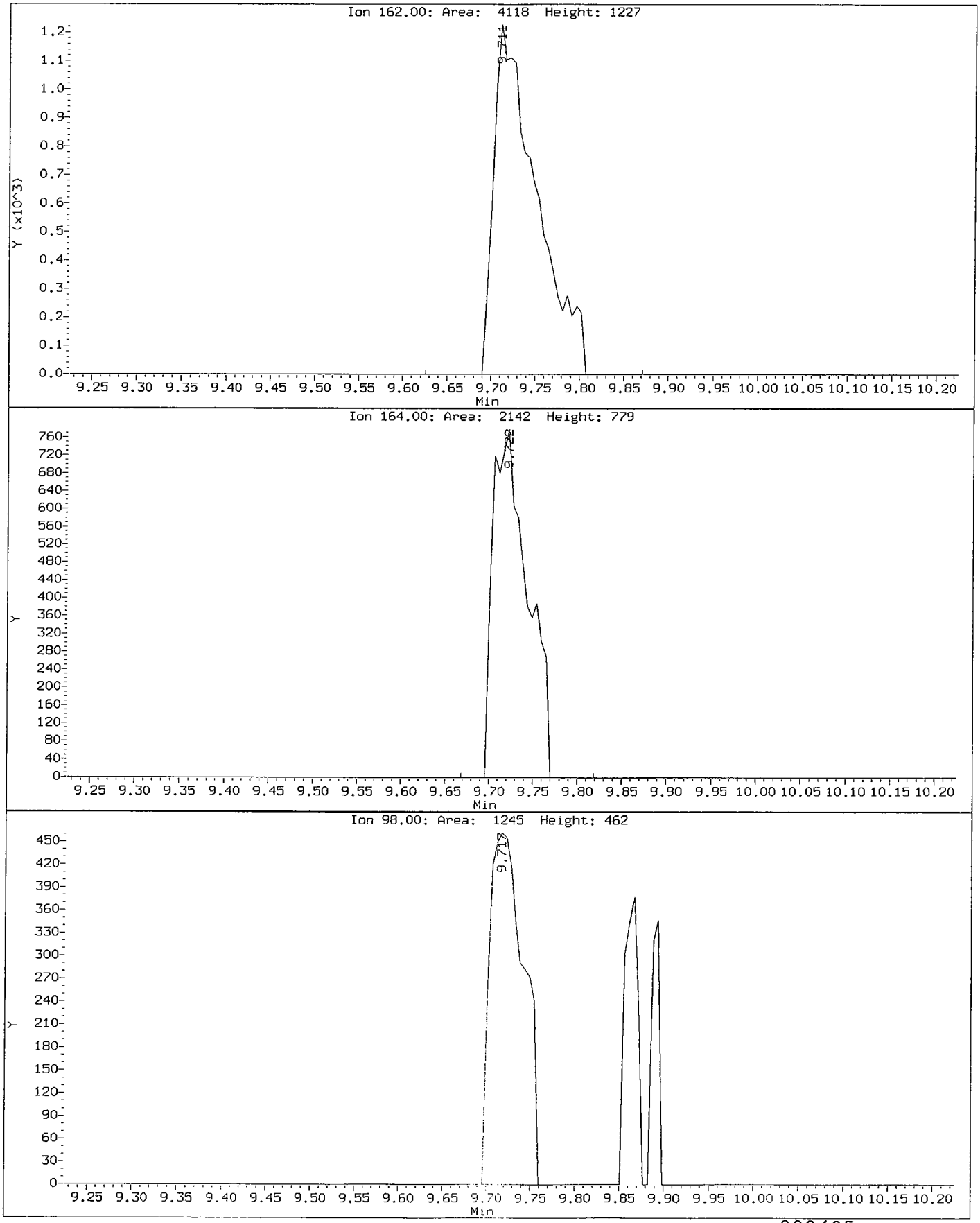






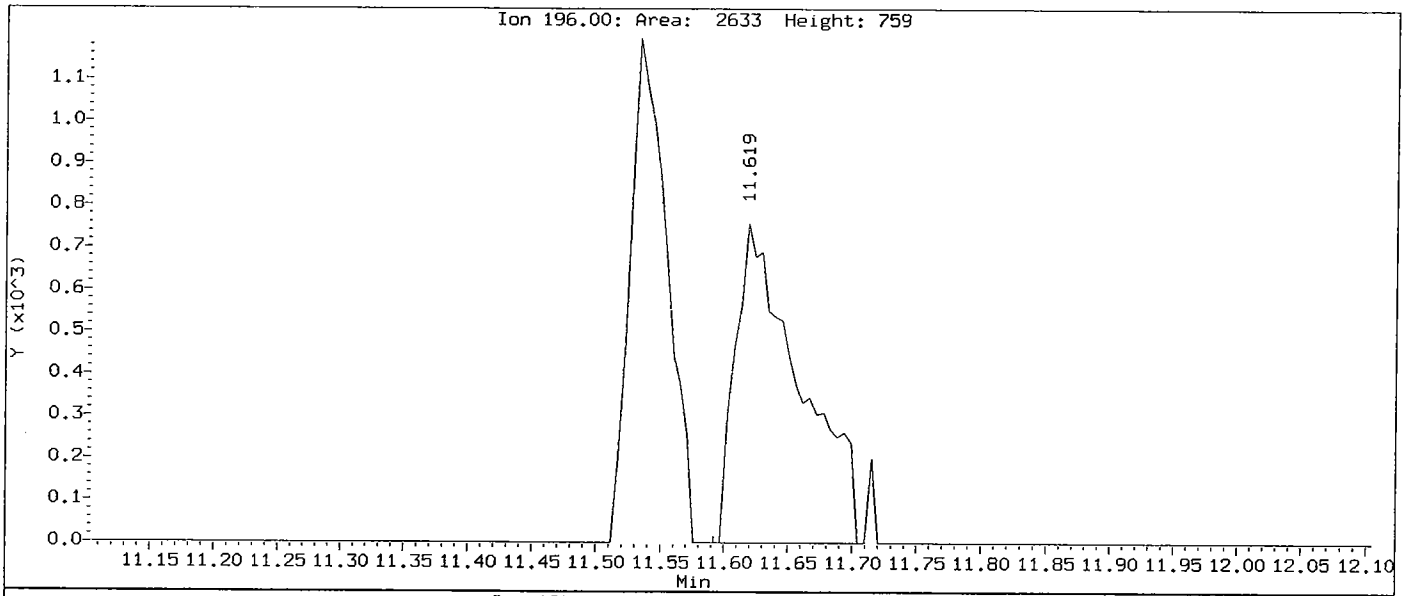
Data File: /chem1/nt6.i/20050718.b/0010718.d
Injection Date: 18-JUL-2005 16:15
Instrument: nt6.i
Client Sample ID:

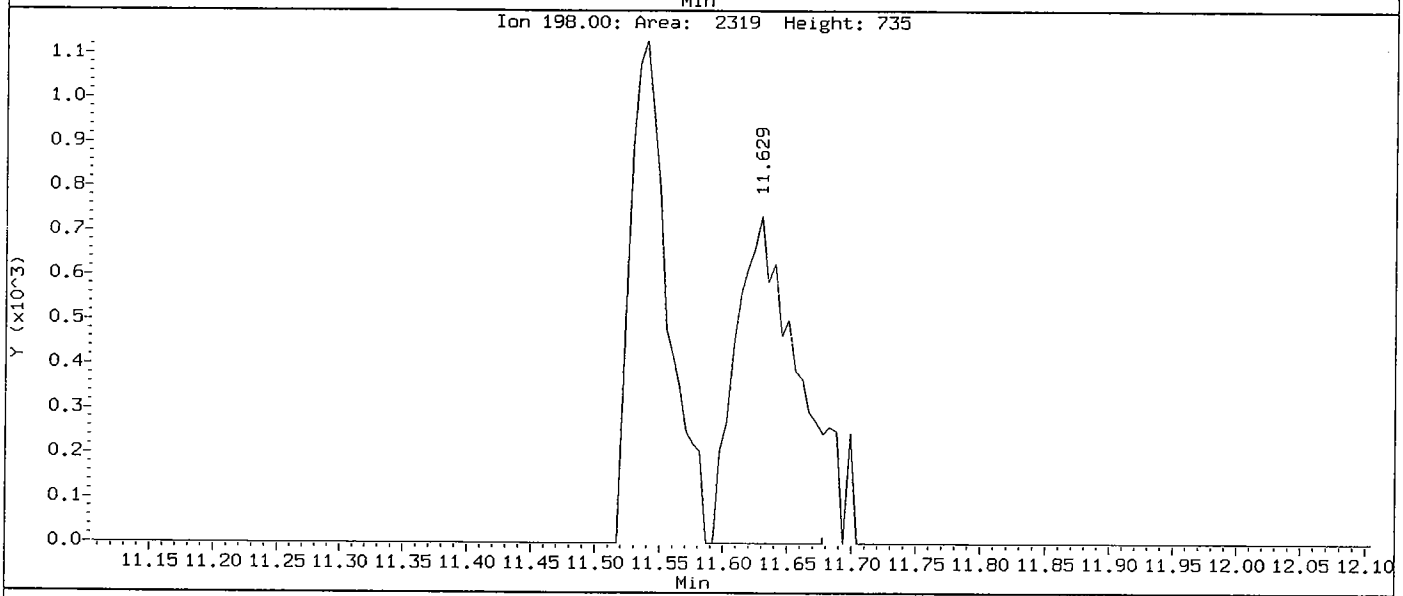
Compound: 2,4-Dichlorophenol
CAS Number: 120-83-2

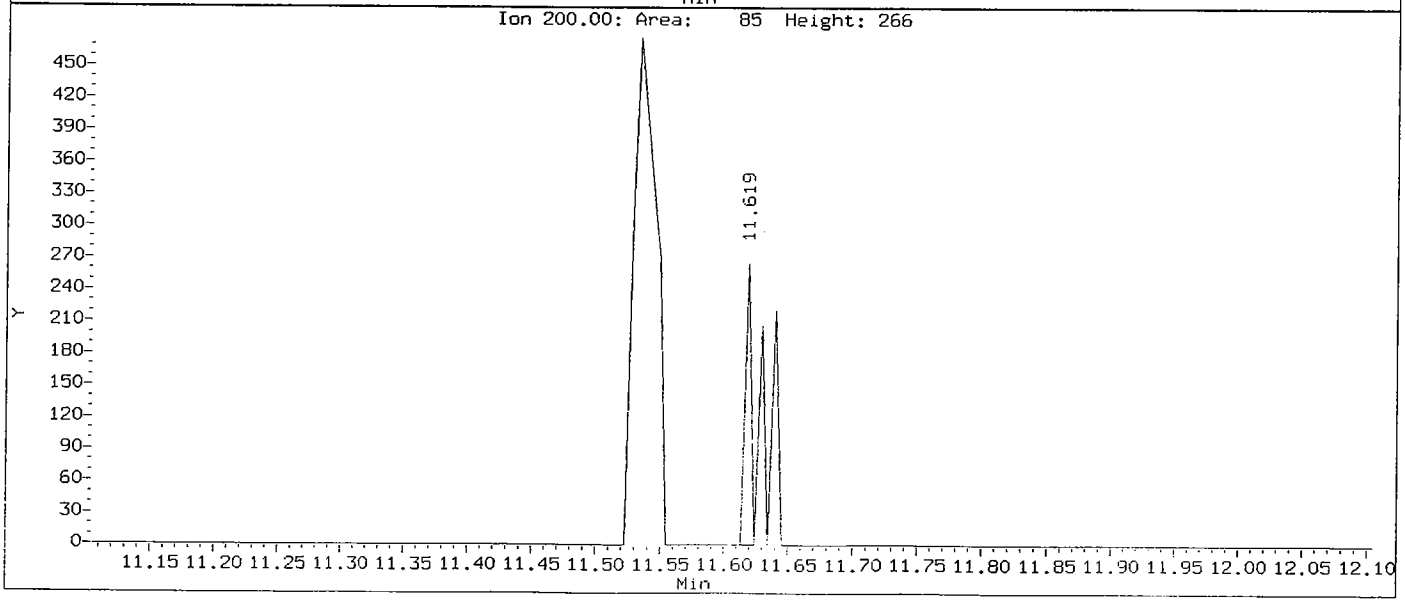


Data File: /chem1/nt6.i/20050718.b/0010718.d
Injection Date: 18-JUL-2005 16:15
Instrument: nt6.i
Client Sample ID:

Compound: 2,4,5-Trichlorophenol
CAS Number: 95-95-4







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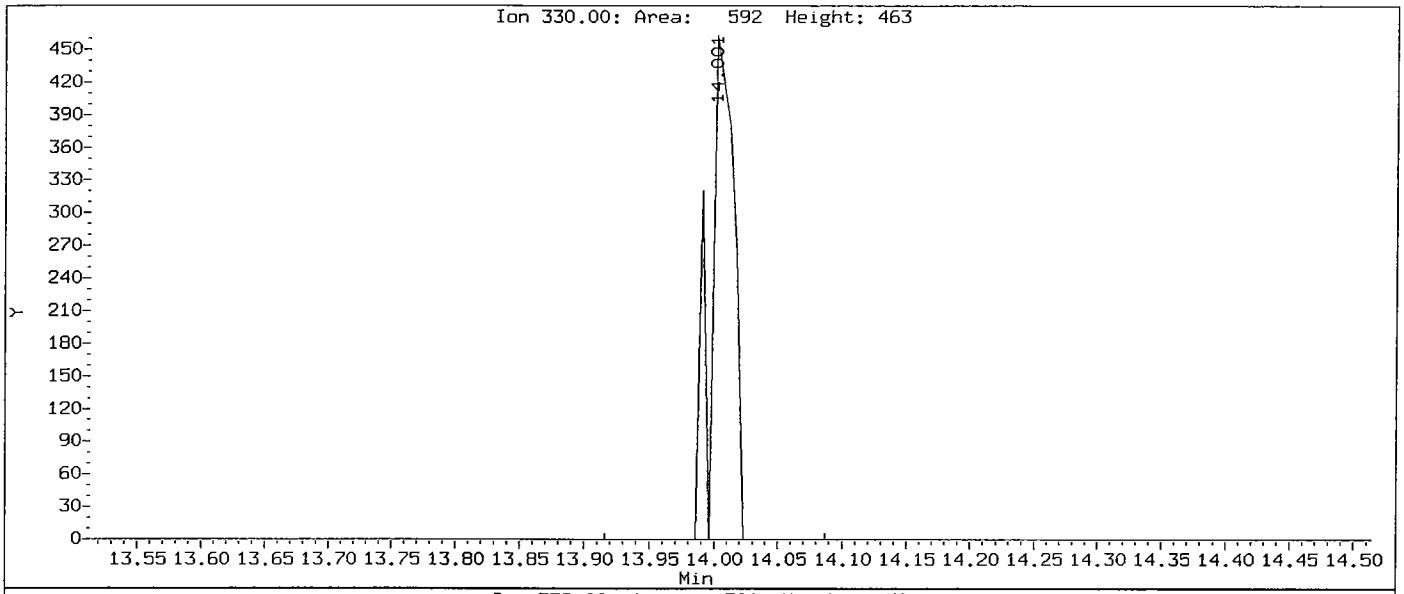
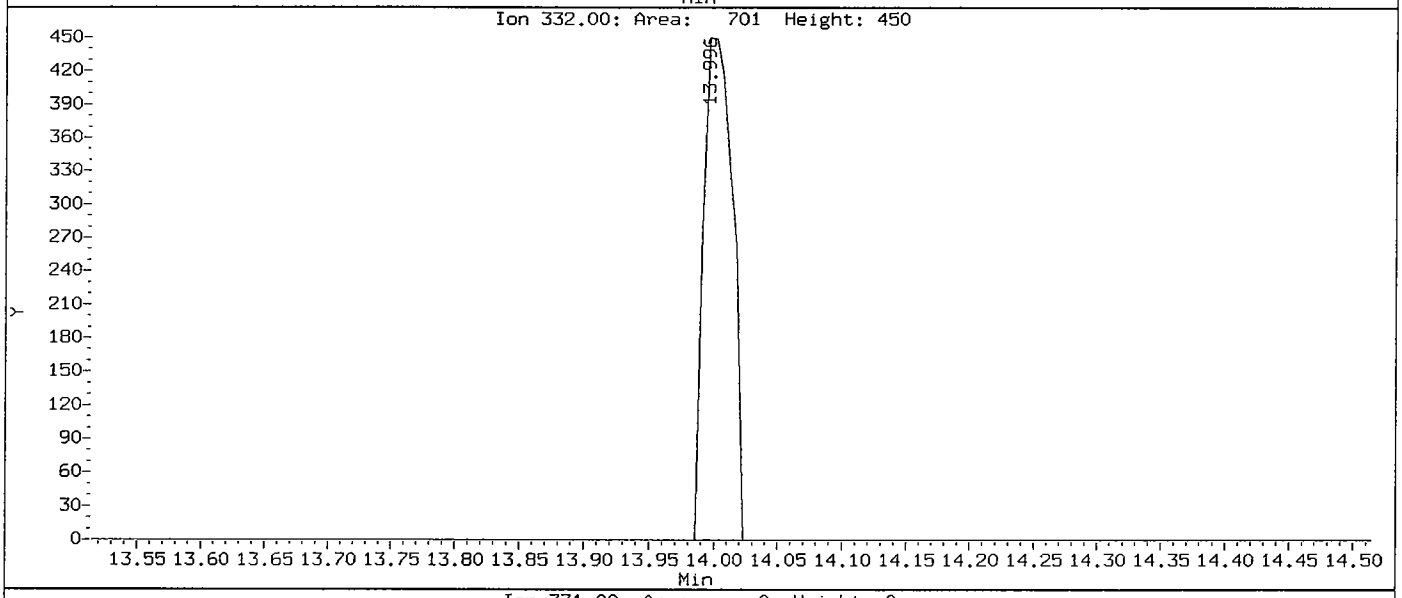
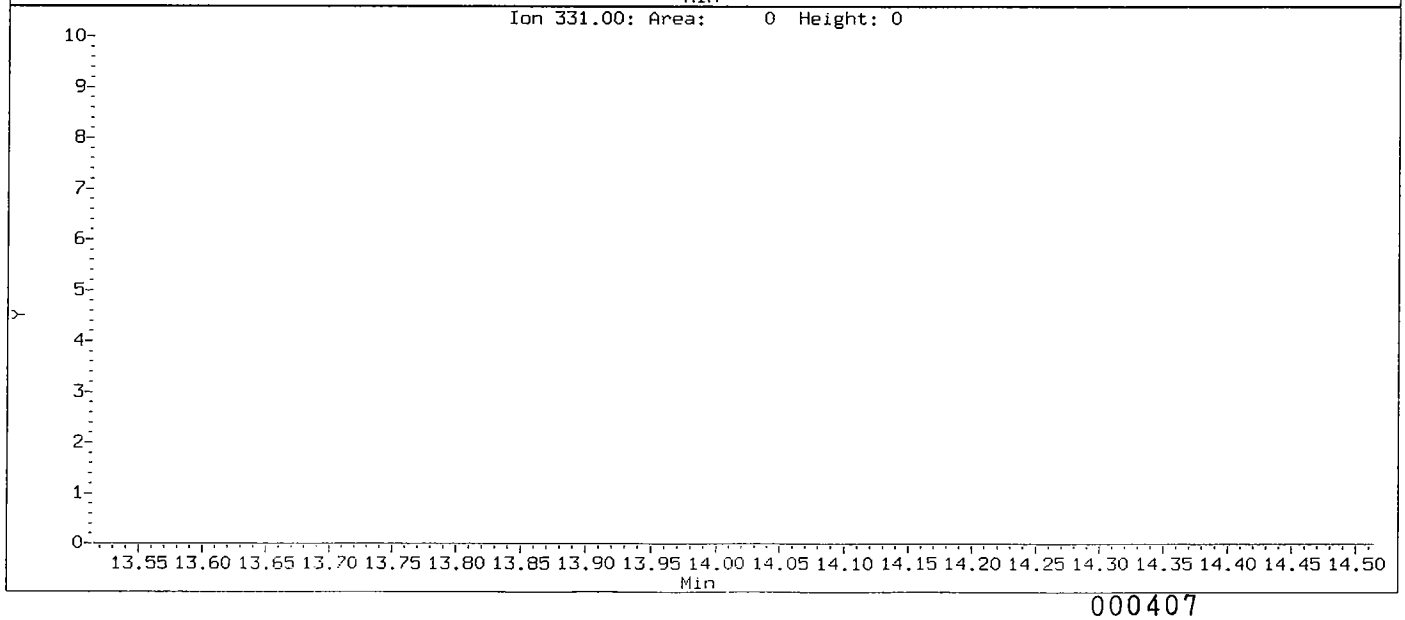
Injection Date: 18-JUL-2005 16:15
Instrument: nt6.i
Client Sample ID:

Compound: 2,4,6-Tribromophenol
CAS Number: 118-79-6

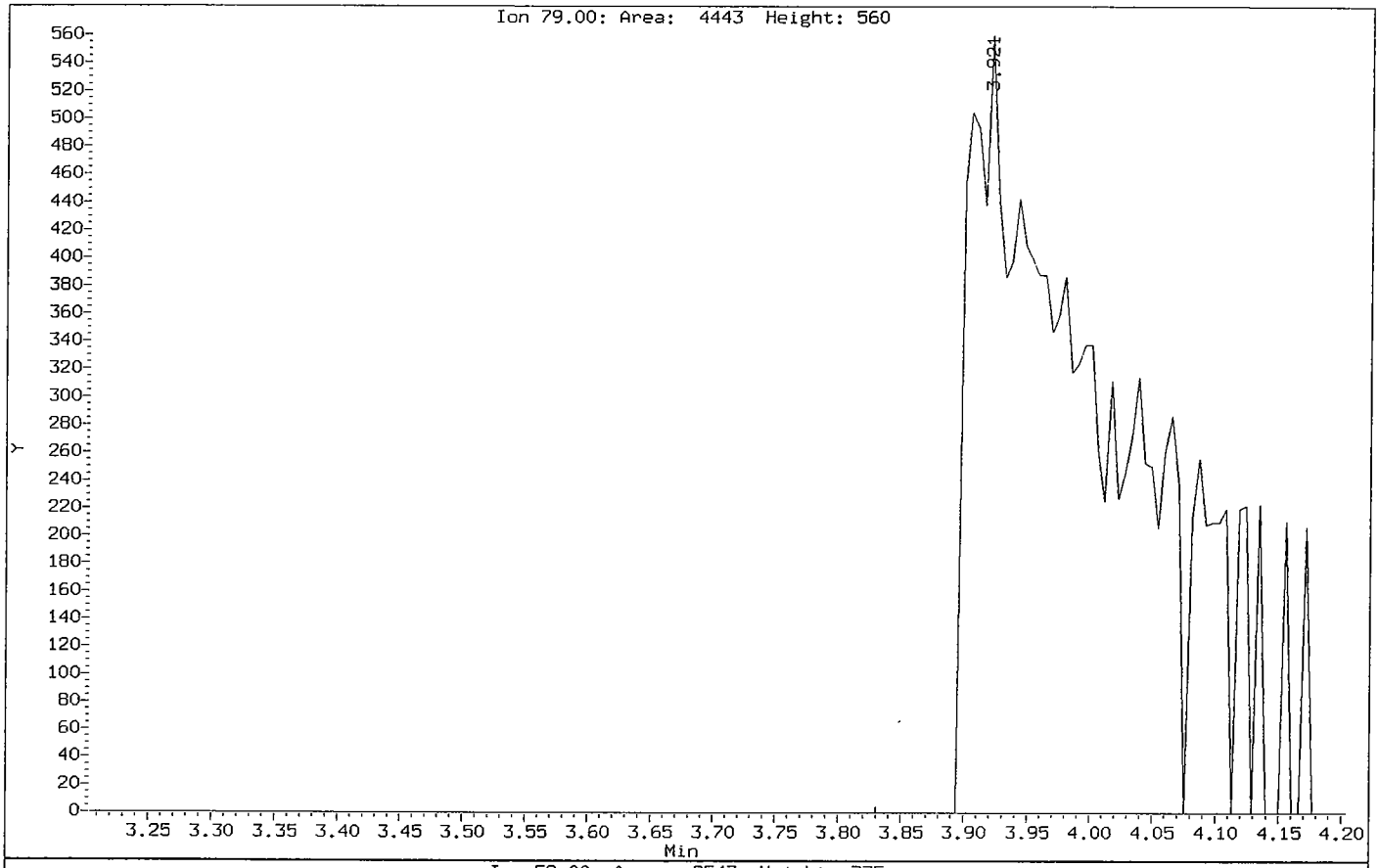


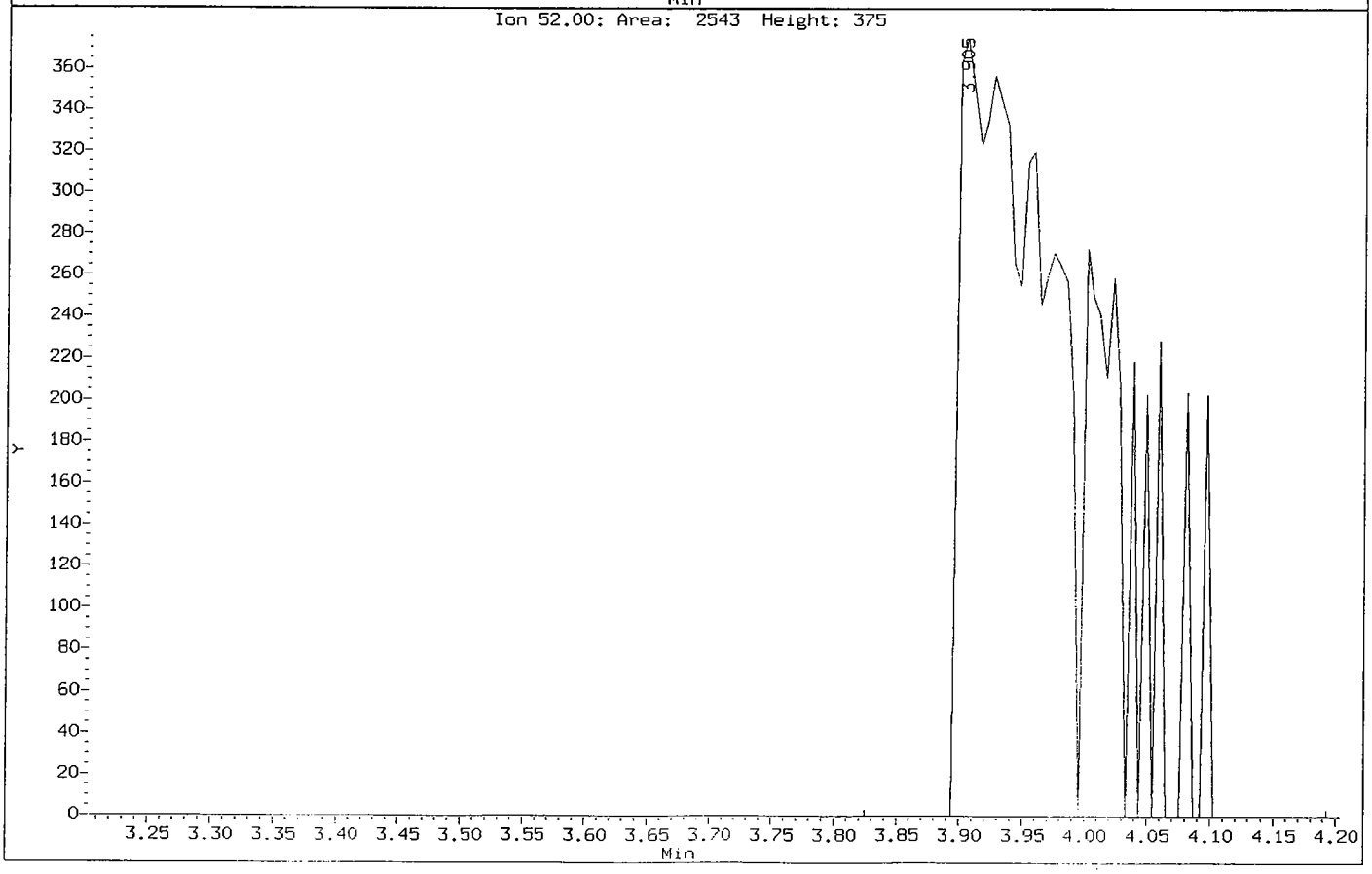




Data File: /chem1/nt6.i/20050718.b/0010718.d
Injection Date: 18-JUL-2005 16:15
Instrument: nt6.i
Client Sample ID:

Compound: Pyridine
CAS Number:





Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem1/nt6.i/20050718.b/0050718.d
Lab Smp Id: ABN 5
Inj Date : 18-JUL-2005 17:23
Operator : LJR/VS Inst ID: nt6.i
Smp Info : ABN 5
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20050718.b/SW846.m
Meth Date : 19-Jul-2005 10:03 jeff Quant Type: ISTD
Cal Date : 18-JUL-2005 17:23 Cal File: 0050718.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	5.926	5.937	(0.757)	38130	5.00000	5.233
$	2 Phenol-d5	99	7.438	7.476	(0.950)	46361	5.00000	5.474
	3 Phenol	94	7.454	7.497	(0.952)	49558	5.00000	5.170
$	5 2-Chlorophenol-d4	132	7.545	7.572	(0.963)	38571	5.00000	5.743
	4 Bis(2-Chloroethyl)ether	93	7.529	7.561	(0.961)	43954	5.00000	5.482
	6 2-Chlorophenol	128	7.571	7.593	(0.967)	38863	5.00000	5.364
	7 1,3-Dichlorobenzene	146	7.774	7.791	(0.992)	41450	5.00000	5.350
*	8 1,4-Dichlorobenzene-d4	152	7.833	7.850	(1.000)	103172	20.0000	
	9 1,4-Dichlorobenzene	146	7.860	7.876	(1.003)	42579	5.00000	5.429
$	10 1,2-Dichlorobenzene-d4	152	8.132	8.149	(1.038)	25995	5.00000	5.941
	12 1,2-Dichlorobenzene	146	8.154	8.170	(1.041)	39764	5.00000	5.667
	11 Benzyl alcohol	108	8.132	8.181	(1.038)	27579	5.00000	5.720
	14 2,2'-oxybis(1-Chloropropane)	45	8.383	8.405	(1.070)	68425	5.00000	5.602
	13 2-Methylphenol	108	8.373	8.400	(1.069)	36388	5.00000	5.508
	17 Hexachloroethane	117	8.629	8.635	(1.102)	15157	5.00000	5.538
	16 N-Nitroso-di-n-propylamine	70	8.602	8.662	(1.098)	32400	5.00000	5.755
	15 4-Methylphenol	108	8.608	8.651	(1.099)	37286	5.00000	5.775
$	18 Nitrobenzene-d5	82	8.773	8.806	(0.890)	43984	5.00000	5.309
	19 Nitrobenzene	77	8.800	8.838	(0.892)	44711	5.00000	5.371
	20 Isophorone	82	9.174	9.222	(0.930)	78210	5.00000	5.346
	21 2-Nitrophenol	139	9.313	9.335	(0.944)	16299	5.00000	4.808
	22 2,4-Dimethylphenol	107	9.431	9.468	(0.956)	36987	5.00000	5.466
	23 Bis(2-Chloroethoxy)methane	93	9.575	9.602	(0.971)	49795	5.00000	5.456
	24 Benzoic acid	105	9.650	9.842	(0.978)	37077	10.0000	11.96(M)
	25 2,4-Dichlorophenol	162	9.698	9.725	(0.983)	27286	5.00000	5.354
	26 1,2,4-Trichlorobenzene	180	9.810	9.826	(0.995)	30484	5.00000	5.556
*	27 Naphthalene-d8	136	9.863	9.880	(1.000)	359640	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.895	9.917	(1.003)	115531	5.00000	5.624
	29 4-Chloroaniline	127	10.056	10.083	(1.019)	45590	5.00000	5.448
	30 Hexachlorobutadiene	225	10.205	10.216	(1.035)	14359	5.00000	5.567
	31 4-Chloro-3-methylphenol	107	10.878	10.895	(1.103)	29180	5.00000	5.288
	32 2-Methylnaphthalene	141	11.001	11.023	(1.115)	59813	5.00000	5.734
	33 Hexachlorocyclopentadiene	237	11.375	11.386	(0.896)	5728	5.00000	3.332
	34 2,4,6-Trichlorophenol	196	11.530	11.546	(0.908)	16423	5.00000	5.151
	35 2,4,5-Trichlorophenol	196	11.599	11.605	(0.913)	18048	5.00000	5.281
$	36 2-Fluorobiphenyl	172	11.642	11.669	(0.917)	74552	5.00000	5.892
	37 2-Chloronaphthalene	162	11.776	11.803	(0.927)	61198	5.00000	5.892
	38 2-Nitroaniline	65	12.032	12.065	(0.947)	19945	5.00000	4.928
	39 Dimethylphthalate	163	12.390	12.428	(0.976)	66197	5.00000	5.485
	40 Acenaphthylene	152	12.443	12.470	(0.980)	103510	5.00000	5.734
	41 2,6-Dinitrotoluene	165	12.497	12.535	(0.984)	13360	5.00000	4.894
*	42 Acenaphthene-d10	164	12.700	12.711	(1.000)	188635	20.0000	
	43 3-Nitroaniline	138	12.711	12.748	(1.001)	14651	5.00000	4.980
	44 Acenaphthene	153	12.748	12.775	(1.004)	64468	5.00000	5.679
	45 2,4-Dinitrophenol	184	12.882	12.914	(1.014)	2781	10.0000	4.155
	46 Dibenzofuran	168	13.004	13.031	(1.024)	85825	5.00000	5.632
	47 4-Nitrophenol	109	13.101	13.090	(1.032)	4899	5.00000	4.755 (M)
	48 2,4-Dinitrotoluene	165	13.117	13.154	(1.033)	16960	5.00000	4.946
	50 Diethylphthalate	149	13.528	13.566	(1.065)	63049	5.00000	5.607
	49 Fluorene	166	13.555	13.582	(1.067)	71377	5.00000	5.829
	51 4-Chlorophenyl-phenylether	204	13.587	13.608	(1.070)	31325	5.00000	5.701
	52 4-Nitroaniline	138	13.704	13.774	(1.079)	15065	5.00000	4.971
	53 4,6-Dinitro-2-methylphenol	198	13.758	13.811	(0.914)	9581	10.0000	6.980
	54 N-Nitrosodiphenylamine	169	13.800	13.838	(0.917)	37971	5.00000	5.626
$	55 2,4,6-Tribromophenol	330	13.987	14.014	(1.101)	6402	5.00000	5.046
	56 4-Bromophenyl-phenylether	248	14.361	14.383	(0.954)	16013	5.00000	5.607
	57 Hexachlorobenzene	284	14.575	14.602	(0.968)	16496	5.00000	5.704
	58 Pentachlorophenol	266	14.901	14.917	(0.990)	5466	5.00000	3.715
*	59 Phenanthrene-d10	188	15.050	15.067	(1.000)	258372	20.0000	
	60 Phenanthrene	178	15.088	15.120	(1.002)	89505	5.00000	5.926
	61 Anthracene	178	15.157	15.190	(1.007)	91591	5.00000	5.728
	62 Carbazole	167	15.462	15.494	(1.027)	82165	5.00000	5.583
	63 Di-n-butylphthalate	149	16.156	16.178	(1.073)	99400	5.00000	5.701
	64 Fluoranthene	202	17.011	17.043	(1.130)	88845	5.00000	5.716
	65 Pyrene	202	17.364	17.396	(0.898)	94175	5.00000	5.213
$	66 Terphenyl-d14	244	17.679	17.706	(0.914)	58987	5.00000	5.263
	67 Butylbenzylphthalate	149	18.555	18.582	(0.959)	44371	5.00000	5.093
	68 Benzo(a)anthracene	228	19.308	19.340	(0.998)	82853	5.00000	5.266
*	69 Chrysene-d12	240	19.340	19.362	(1.000)	208417	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.346	19.373	(1.000)	28467	5.00000	5.162
	71 Chrysene	228	19.372	19.415	(1.002)	81394	5.00000	5.342
	72 bis(2-Ethylhexyl)phthalate	149	19.527	19.543	(0.955)	66514	5.00000	5.371
*	134 Di-n-octylphthalate-d4	153	20.451	20.473	(1.000)	423943	20.0000	
	73 Di-n-octylphthalate	149	20.462	20.489	(1.001)	121273	5.00000	5.449

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	74 Benzo(b)fluoranthene	252	20.948	21.002	(0.975)	93517	5.00000	5.643
	75 Benzo(k)fluoranthene	252	20.980	21.034	(0.976)	96652	5.00000	5.740
	76 Benzo(a)pyrene	252	21.397	21.456	(0.996)	82119	5.00000	5.633
*	77 Perylene-d12	264	21.488	21.509	(1.000)	238218	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	22.951	23.000	(1.068)	56060	5.00000	4.504
	79 Dibenzo(a,h)anthracene	278	22.973	23.043	(1.069)	41242	5.00000	4.396
	80 Benzo(g,h,i)perylene	276	23.341	23.422	(1.086)	49658	5.00000	4.469
	90 N-Nitrosodimethylamine	74	3.741	3.774	(0.478)	28296	5.00000	5.133
	103 Pyridine	79	3.720	3.704	(0.475)	52715	5.00000	5.665 (M)
	91 Aniline	93	7.411	7.438	(0.946)	67813	5.00000	5.435
	105 1-methylnaphthalene	141	11.172	11.194	(1.133)	60277	5.00000	5.699
	93 Benzidine	184	17.289	17.316	(0.894)	39502	5.00000	5.399
	98 Retene	219	17.908	17.936	(0.926)	28135	5.00000	4.991
	111 Azobenzene (1,2-DP-Hydrazine)	77	13.832	13.859	(1.089)	77890	5.00000	5.276
	144 alpha-Terpineol	59	9.922	9.949	(1.006)	21843	5.00000	5.350
	143 1,4-Dioxane	58	3.180	3.186	(0.406)	13423	5.00000	5.186
$	145 d8-1,4-Dioxane	96	3.137	3.138	(0.401)	21211	5.00000	5.193
	133 Butylatedhydroxytoluene	205	12.866	12.887	(1.013)	50661	5.00000	5.868
	115 Tributyl Phosphate	99	13.886	13.961	(0.923)	76503	5.00000	6.409
	116 Dibutyl Phenyl Phosphate	175	15.606	15.633	(1.037)	44649	5.00000	5.648
	117 Butyl Diphenyl Phosphate	94	17.278	17.300	(0.893)	17049	5.00000	4.990
	118 Triphenyl Phosphate	326	18.870	18.897	(0.976)	14453	5.00000	5.104

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: 0050718.d
Lab Smp Id: ABN 5
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VS
Method File: /chem1/nt6.i/20050718.b/SW846.m
Misc Info:

Calibration Date: 18-JUL-2005
Calibration Time: 15:03

Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	99236	49618	198472	103172	3.97
27 Naphthalene-d8	351454	175727	702908	359640	2.33
42 Acenaphthene-d10	182658	91329	365316	188635	3.27
59 Phenanthrene-d10	260034	130017	520068	258372	-0.64
69 Chrysene-d12	179938	89969	359876	208417	15.83
134 Di-n-octylphthala	368961	184480	737922	423943	14.90
77 Perylene-d12	233857	116928	467714	238218	1.86

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.84	7.34	8.34	7.83	-0.10
27 Naphthalene-d8	9.87	9.37	10.37	9.86	-0.08
42 Acenaphthene-d10	12.70	12.20	13.20	12.70	-0.02
59 Phenanthrene-d10	15.06	14.56	15.56	15.05	-0.05
69 Chrysene-d12	19.34	18.84	19.84	19.34	-0.01
134 Di-n-octylphthala	20.46	19.96	20.96	20.45	-0.04
77 Perylene-d12	21.49	20.99	21.99	21.49	-0.01

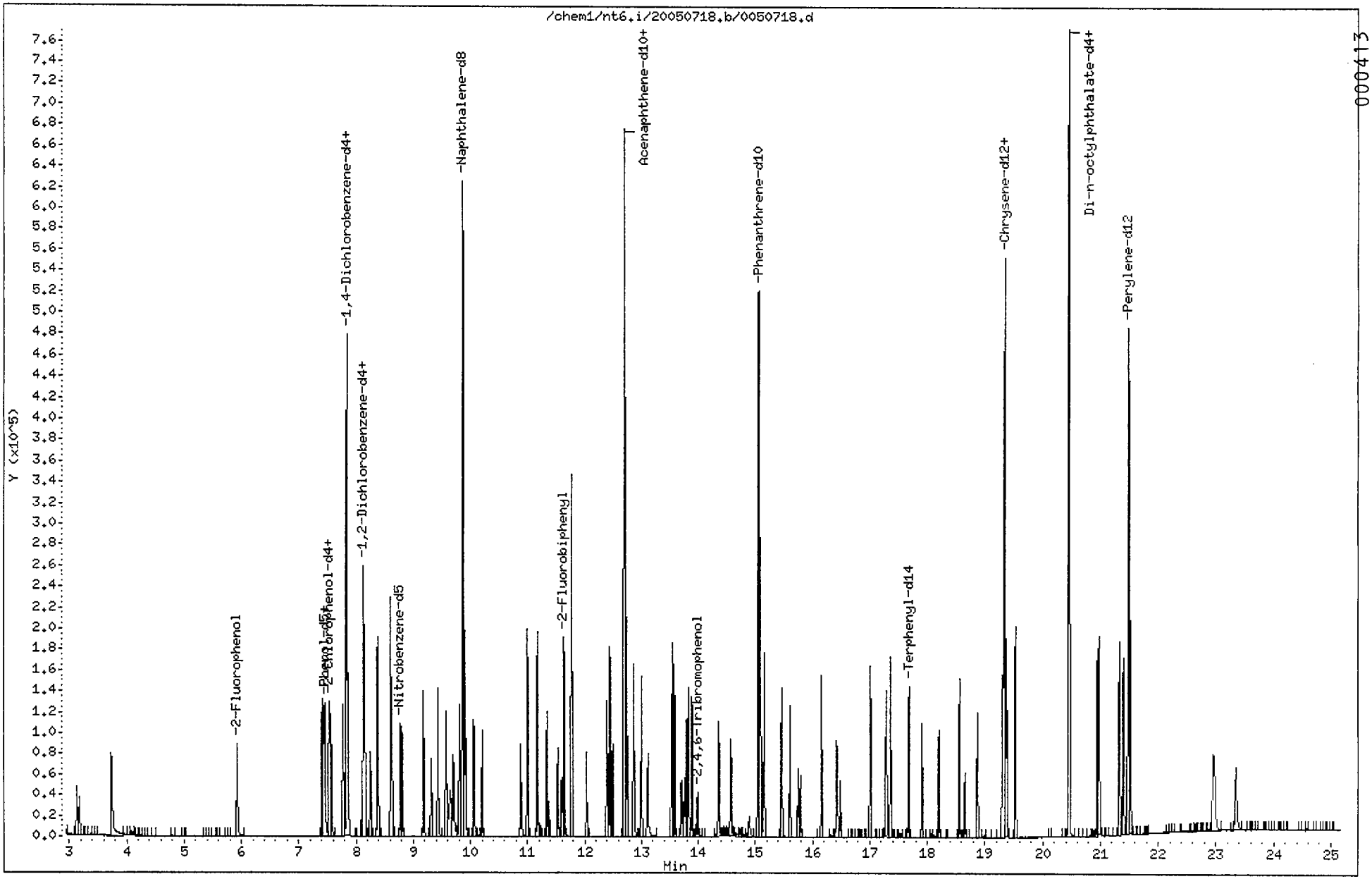
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20050718.b/0050718.d
Date : 18-JUL-2005 17:23
Client ID:
Sample Info: ABN 5

Instrument: nt6.i

Operator: LJR/VS
Column diameter: 0.32

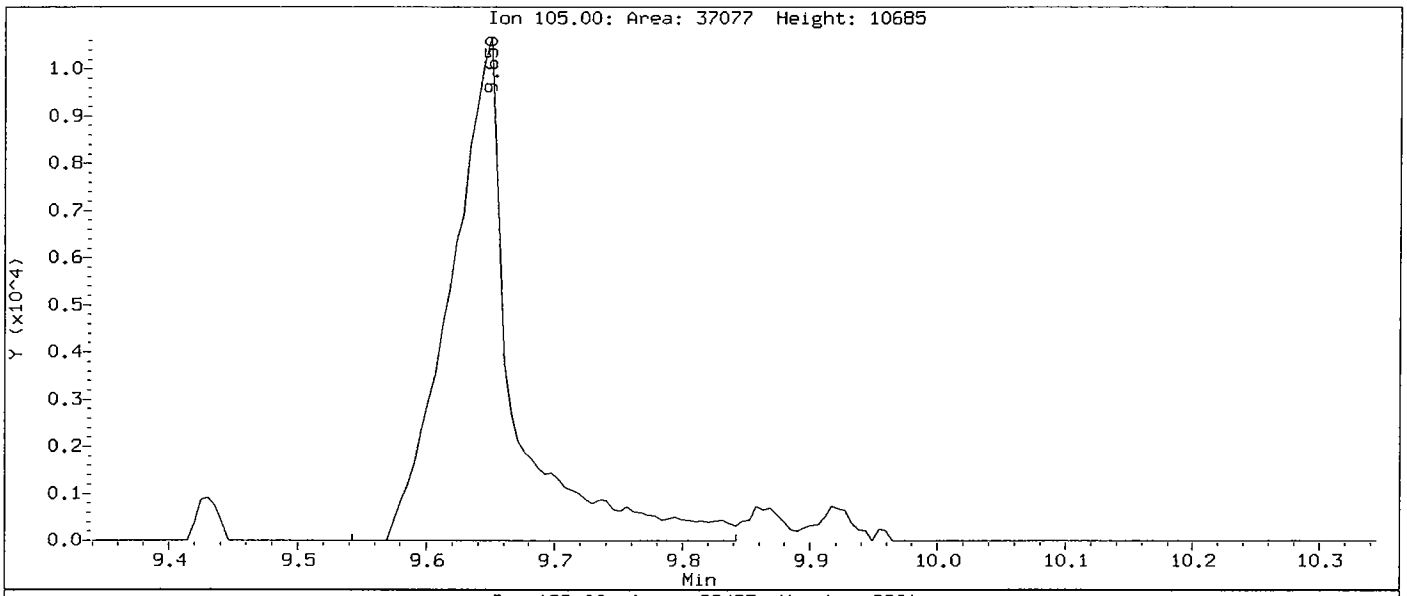
Column phase: RTX-5

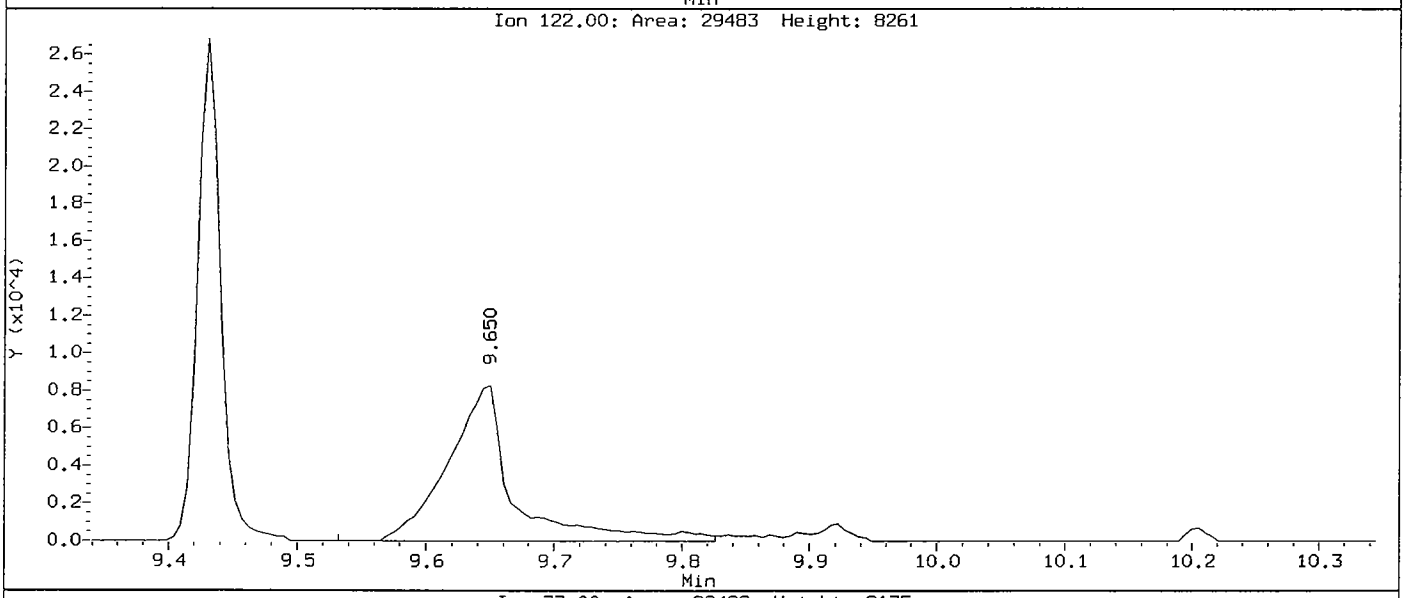


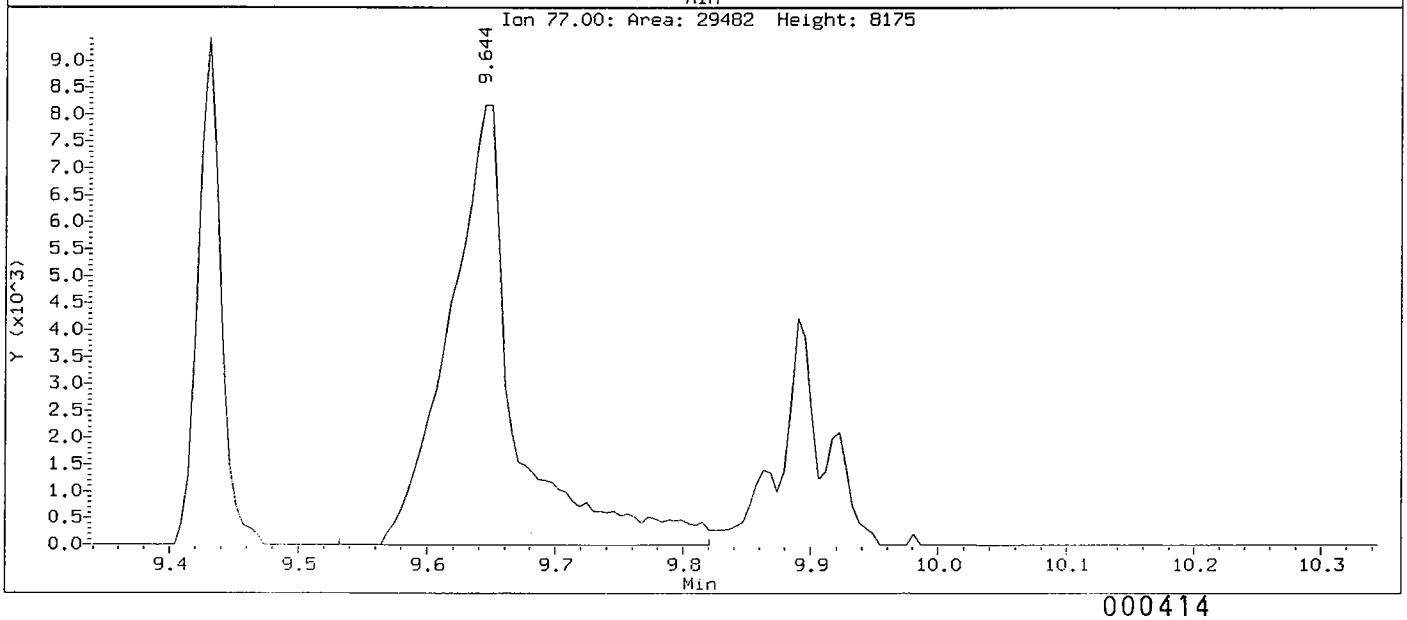
000413

Data File: /chem1/nt6.i/20050718.b/0050718.d
Injection Date: 18-JUL-2005 17:23
Instrument: nt6.i
Client Sample ID:

Compound: Benzoic acid
CAS Number: 65-85-0

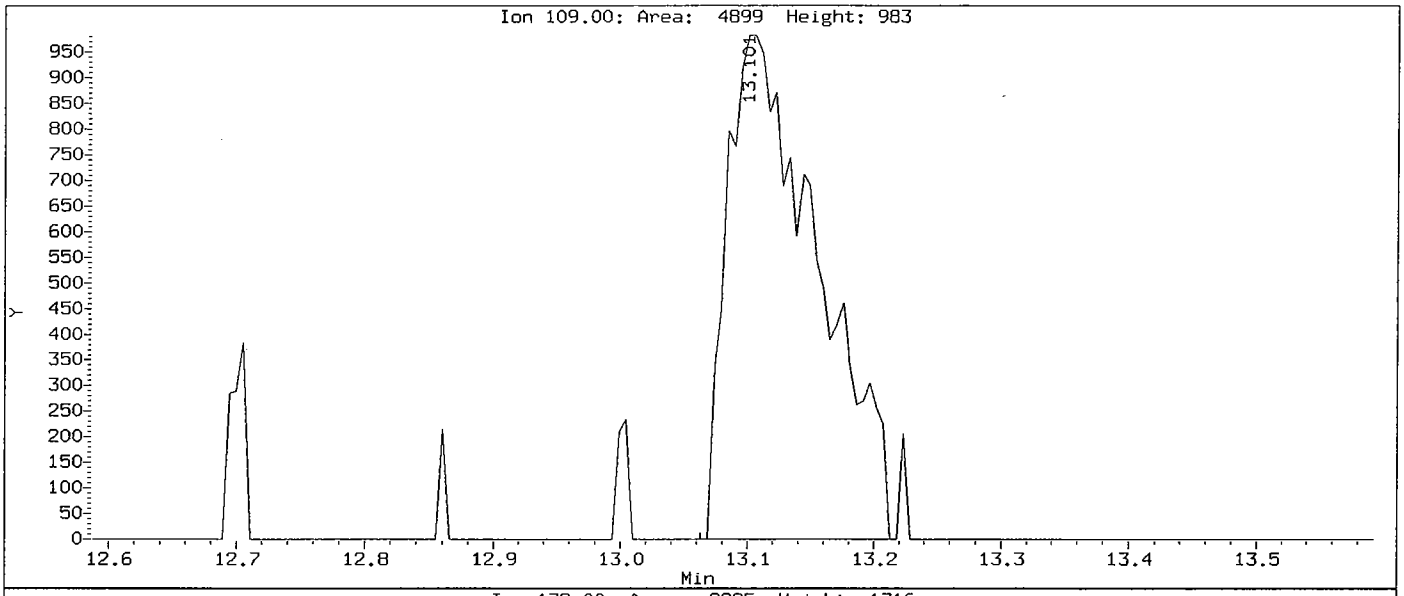


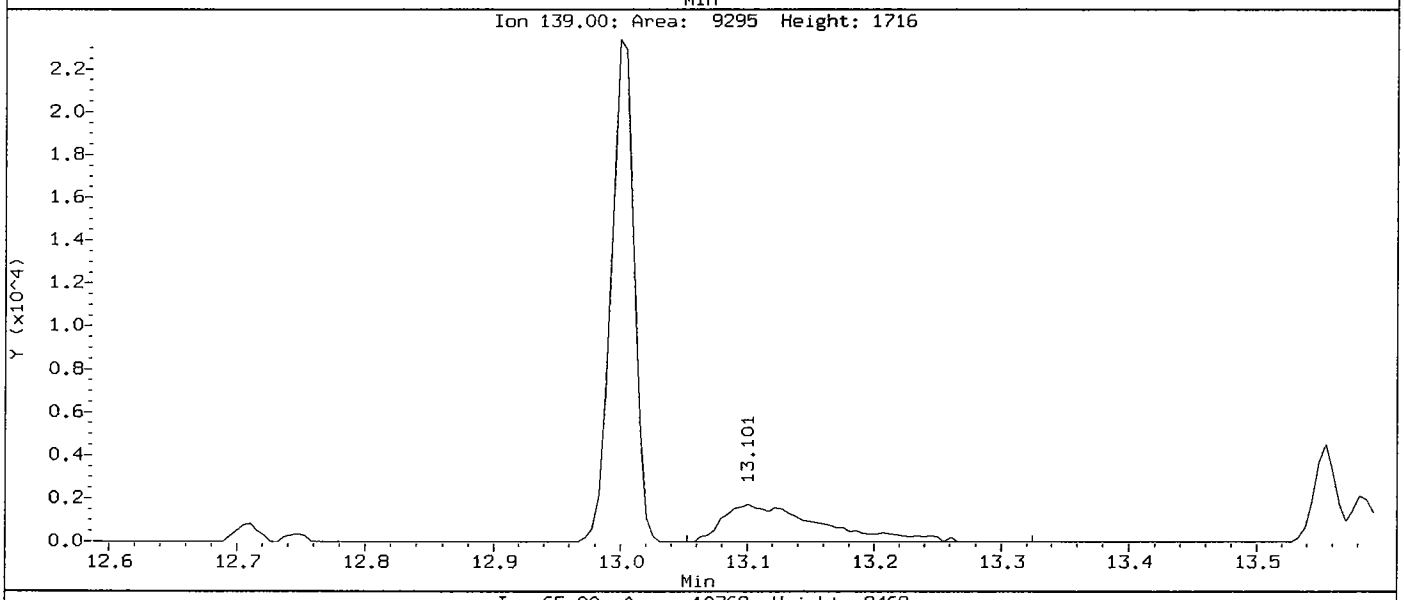


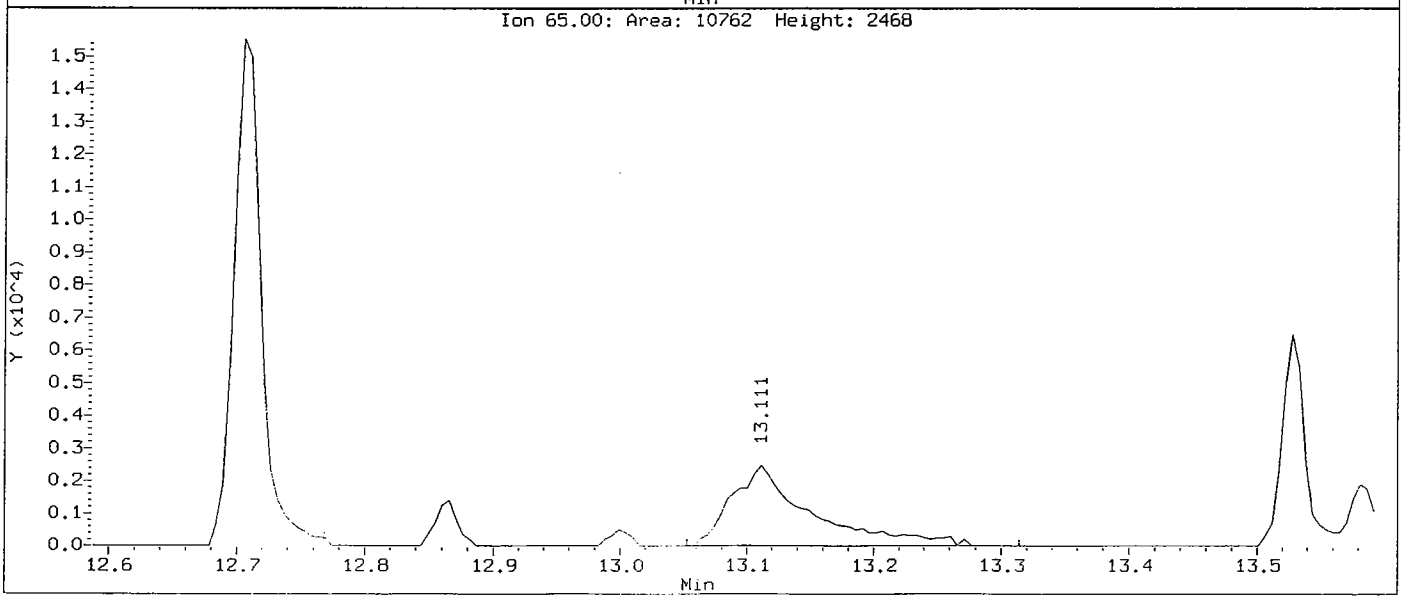


Data File: /chem1/nt6.i/20050718.b/0050718.d
Injection Date: 18-JUL-2005 17:23
Instrument: nt6.i
Client Sample ID:

Compound: 4-Nitrophenol
CAS Number: 100-02-7

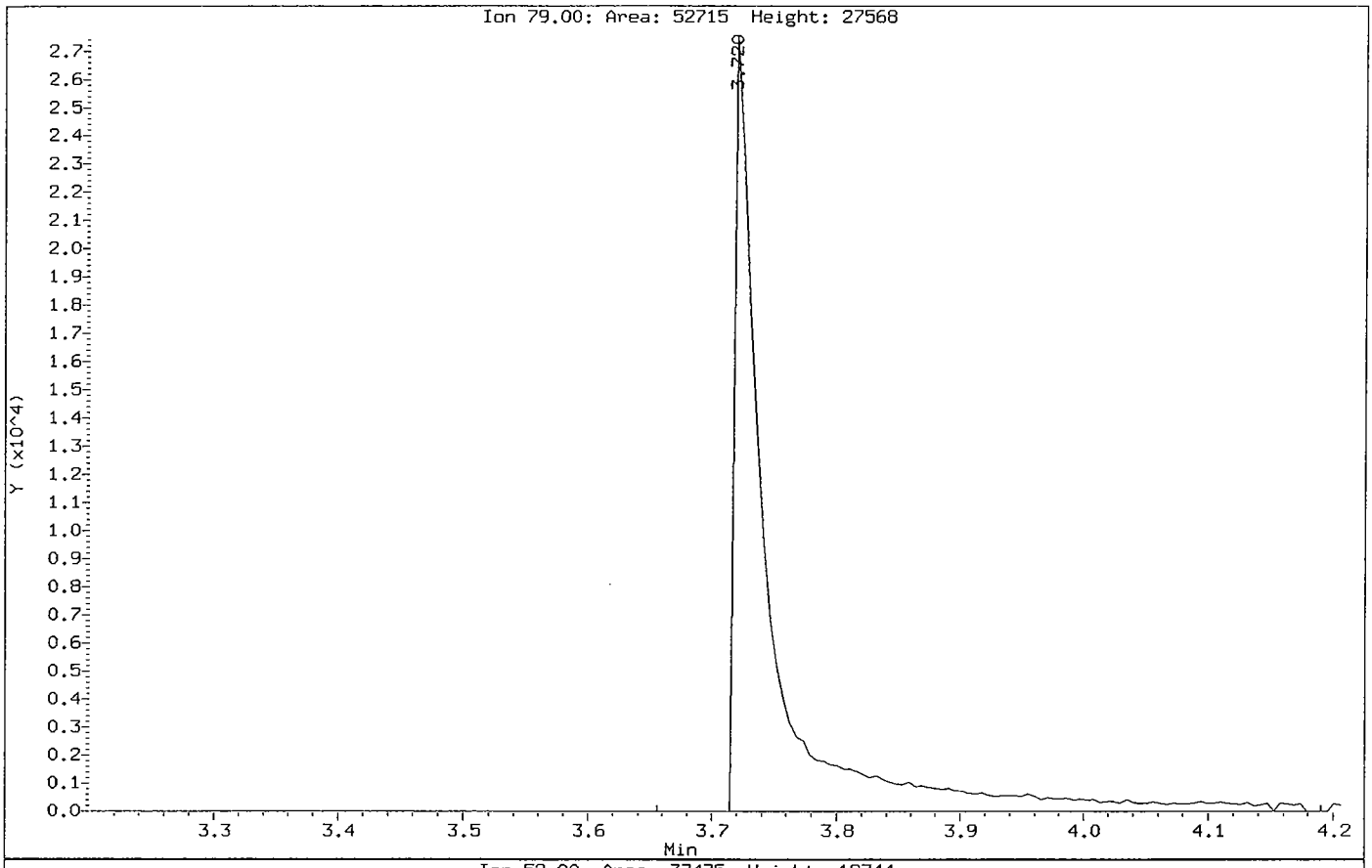


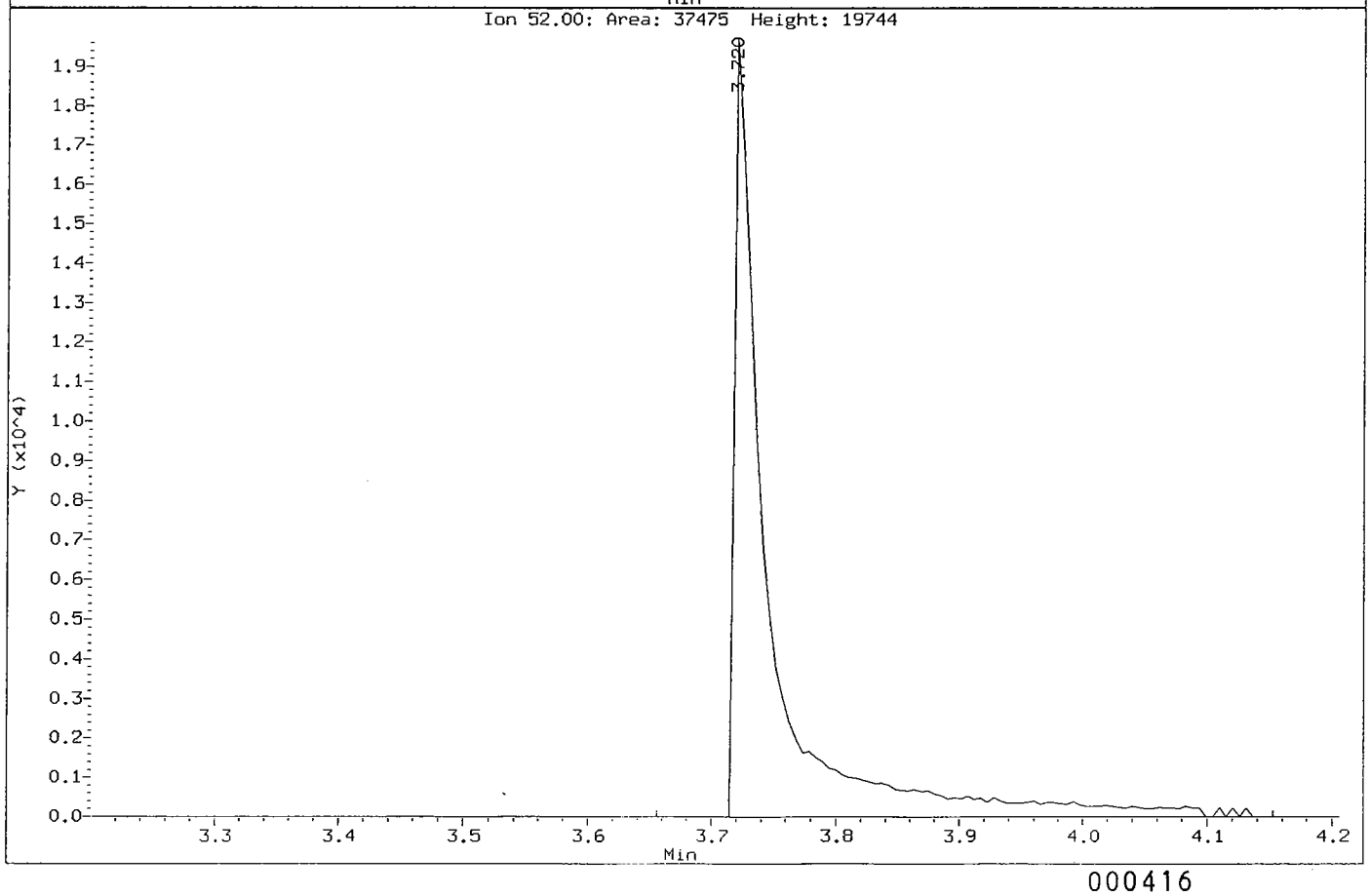




Data File: /chem1/nt6.i/20050718.b/0050718.d
Injection Date: 18-JUL-2005 17:23
Instrument: nt6.i
Client Sample ID:

Compound: Pyridine
CAS Number:





Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem1/nt6.i/20050718.b/0100718.d
Lab Smp Id: ABN 10
Inj Date : 18-JUL-2005 17:57
Operator : LJR/VS Inst ID: nt6.i
Smp Info : ABN 10
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20050718.b/SW846.m
Meth Date : 19-Jul-2005 10:03 jeff Quant Type: ISTD
Cal Date : 18-JUL-2005 17:57 Cal File: 0100718.d
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.924	5.937	(0.756)	72868	10.0000	9.840
$	2 Phenol-d5	99	7.436	7.476	(0.949)	89002	10.0000	10.34
	3 Phenol	94	7.457	7.497	(0.952)	101746	10.0000	10.44
$	5 2-Chlorophenol-d4	132	7.548	7.572	(0.963)	73106	10.0000	10.71
	4 Bis(2-Chloroethyl)ether	93	7.532	7.561	(0.961)	88000	10.0000	10.80
	6 2-Chlorophenol	128	7.569	7.593	(0.966)	76908	10.0000	10.44
	7 1,3-Dichlorobenzene	146	7.772	7.791	(0.992)	84287	10.0000	10.70
*	8 1,4-Dichlorobenzene-d4	152	7.836	7.850	(1.000)	104854	20.0000	
	9 1,4-Dichlorobenzene	146	7.863	7.876	(1.003)	85109	10.0000	10.68
$	10 1,2-Dichlorobenzene-d4	152	8.135	8.149	(1.038)	47956	10.0000	10.78
	12 1,2-Dichlorobenzene	146	8.157	8.170	(1.041)	79194	10.0000	11.11
	11 Benzyl alcohol	108	8.135	8.181	(1.038)	53235	10.0000	10.86
	14 2,2'-oxybis(1-Chloropropane)	45	8.387	8.405	(1.070)	133669	10.0000	10.77
	13 2-Methylphenol	108	8.376	8.400	(1.069)	71061	10.0000	10.58
	17 Hexachloroethane	117	8.627	8.635	(1.101)	31270	10.0000	11.24
	16 N-Nitroso-di-n-propylamine	70	8.606	8.662	(1.098)	62221	10.0000	10.88
	15 4-Methylphenol	108	8.611	8.651	(1.099)	71841	10.0000	10.95
$	18 Nitrobenzene-d5	82	8.777	8.806	(0.890)	84834	10.0000	10.16
	19 Nitrobenzene	77	8.803	8.838	(0.892)	88388	10.0000	10.53
	20 Isophorone	82	9.177	9.222	(0.930)	152591	10.0000	10.35
	21 2-Nitrophenol	139	9.316	9.335	(0.944)	33881	10.0000	9.915
	22 2,4-Dimethylphenol	107	9.434	9.468	(0.956)	72359	10.0000	10.61
	23 Bis(2-Chloroethoxy)methane	93	9.572	9.602	(0.970)	96445	10.0000	10.48
	24 Benzoic acid	105	9.690	9.842	(0.982)	81750	20.0000	26.16 (M)
	25 2,4-Dichlorophenol	162	9.695	9.725	(0.983)	54748	10.0000	10.66
	26 1,2,4-Trichlorobenzene	180	9.808	9.826	(0.994)	59832	10.0000	10.82
*	27 Naphthalene-d8	136	9.866	9.880	(1.000)	362567	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
28	Naphthalene	128	9.893	9.917	(1.003)	223863	10.0000	10.81
29	4-Chloroaniline	127	10.059	10.083	(1.019)	91389	10.0000	10.83
30	Hexachlorobutadiene	225	10.208	10.216	(1.035)	28074	10.0000	10.80
31	4-Chloro-3-methylphenol	107	10.876	10.895	(1.102)	56745	10.0000	10.20
32	2-Methylnaphthalene	141	11.004	11.023	(1.115)	113688	10.0000	10.81
33	Hexachlorocyclopentadiene	237	11.378	11.386	(0.896)	14937	10.0000	8.861
34	2,4,6-Trichlorophenol	196	11.528	11.546	(0.908)	33020	10.0000	10.56
35	2,4,5-Trichlorophenol	196	11.592	11.605	(0.913)	34385	10.0000	10.26
$ 36	2-Fluorobiphenyl	172	11.645	11.669	(0.917)	135736	10.0000	10.94
37	2-Chloronaphthalene	162	11.773	11.803	(0.927)	113660	10.0000	11.16
38	2-Nitroaniline	65	12.035	12.065	(0.948)	40769	10.0000	10.27
39	Dimethylphthalate	163	12.393	12.428	(0.976)	125554	10.0000	10.61
40	Acenaphthylene	152	12.447	12.470	(0.980)	194084	10.0000	10.97
41	2,6-Dinitrotoluene	165	12.500	12.535	(0.984)	27804	10.0000	10.39
* 42	Acenaphthene-d10	164	12.698	12.711	(1.000)	184957	20.0000	
43	3-Nitroaniline	138	12.708	12.748	(1.001)	28906	10.0000	10.02
44	Acenaphthene	153	12.751	12.775	(1.004)	120900	10.0000	10.86
45	2,4-Dinitrophenol	184	12.879	12.914	(1.014)	10117	20.0000	15.42
46	Dibenzofuran	168	13.002	13.031	(1.024)	161406	10.0000	10.80
47	4-Nitrophenol	109	13.082	13.090	(1.030)	11264	10.0000	10.92 (M)
48	2,4-Dinitrotoluene	165	13.114	13.154	(1.033)	34350	10.0000	10.22
50	Diethylphthalate	149	13.531	13.566	(1.066)	119659	10.0000	10.85
49	Fluorene	166	13.558	13.582	(1.068)	134135	10.0000	11.17
51	4-Chlorophenyl-phenylether	204	13.584	13.608	(1.070)	59245	10.0000	11.00
52	4-Nitroaniline	138	13.702	13.774	(1.079)	30522	10.0000	10.27
53	4,6-Dinitro-2-methylphenol	198	13.761	13.811	(0.914)	24697	20.0000	18.23
54	N-Nitrosodiphenylamine	169	13.798	13.838	(0.917)	71487	10.0000	10.73
$ 55	2,4,6-Tribromophenol	330	13.990	14.014	(1.102)	12785	10.0000	10.28
56	4-Bromophenyl-phenylether	248	14.359	14.383	(0.954)	30645	10.0000	10.87
57	Hexachlorobenzene	284	14.573	14.602	(0.968)	30625	10.0000	10.73
58	Pentachlorophenol	266	14.888	14.917	(0.989)	13270	10.0000	9.135
* 59	Phenanthrene-d10	188	15.054	15.067	(1.000)	255069	20.0000	
60	Phenanthrene	178	15.091	15.120	(1.002)	161997	10.0000	10.86
61	Anthracene	178	15.155	15.190	(1.007)	172124	10.0000	10.90
62	Carbazole	167	15.460	15.494	(1.027)	153957	10.0000	10.60
63	Di-n-butylphthalate	149	16.159	16.178	(1.073)	187308	10.0000	10.88
64	Fluoranthene	202	17.009	17.043	(1.130)	165259	10.0000	10.77
65	Pyrene	202	17.361	17.396	(0.898)	172968	10.0000	10.23
$ 66	Terphenyl-d14	244	17.677	17.706	(0.914)	104532	10.0000	9.963
67	Butylbenzylphthalate	149	18.558	18.582	(0.960)	83500	10.0000	10.24
68	Benzo(a)anthracene	228	19.306	19.340	(0.998)	150587	10.0000	10.22
* 69	Chrysene-d12	240	19.338	19.362	(1.000)	195131	20.0000	
70	3,3'-Dichlorobenzidine	252	19.343	19.373	(1.000)	52926	10.0000	10.25
71	Chrysene	228	19.375	19.415	(1.002)	147079	10.0000	10.31
72	bis(2-Ethylhexyl)phthalate	149	19.530	19.543	(0.955)	122966	10.0000	10.46
* 134	Di-n-octylphthalate-d4	153	20.454	20.473	(1.000)	402599	20.0000	
73	Di-n-octylphthalate	149	20.465	20.489	(1.001)	221113	10.0000	10.46

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74 Benzo(b)fluoranthene	252	20.951	21.002	(0.975)	173971	10.0000	10.47
75 Benzo(k)fluoranthene	252	20.983	21.034	(0.977)	175740	10.0000	10.41
76 Benzo(a)pyrene	252	21.400	21.456	(0.996)	160776	10.0000	11.00
* 77 Perylene-d12	264	21.485	21.509	(1.000)	238853	20.0000	
78 Indeno(1,2,3-cd)pyrene	276	22.949	23.000	(1.068)	137244	10.0000	11.00
79 Dibenzo(a,h)anthracene	278	22.971	23.043	(1.069)	104966	10.0000	11.16
80 Benzo(g,h,i)perylene	276	23.339	23.422	(1.086)	119965	10.0000	10.77
90 N-Nitrosodimethylamine	74	3.739	3.774	(0.477)	56248	10.0000	10.04
103 Pyridine	79	3.707	3.704	(0.473)	103179	10.0000	10.64 (M)
91 Aniline	93	7.414	7.438	(0.946)	134695	10.0000	10.62
105 1-methylnaphthalene	141	11.175	11.194	(1.133)	115045	10.0000	10.79
93 Benzidine	184	17.292	17.316	(0.894)	72135	10.0000	10.53
98 Retene	219	17.912	17.936	(0.926)	52498	10.0000	9.946
111 Azobenzene (1,2-DP-Hydrazine)	77	13.830	13.859	(1.089)	148705	10.0000	10.27
144 alpha-Terpineol	59	9.920	9.949	(1.005)	42764	10.0000	10.39
143 1,4-Dioxane	58	3.178	3.186	(0.406)	27087	10.0000	10.30
$ 145 d8-1,4-Dioxane	96	3.135	3.138	(0.400)	43488	10.0000	10.48
133 Butylatedhydroxytoluene	205	12.863	12.887	(1.013)	94647	10.0000	11.18
115 Tributyl Phosphate	99	13.889	13.961	(0.923)	148253	10.0000	12.58
116 Dibutyl Phenyl Phosphate	175	15.604	15.633	(1.037)	86701	10.0000	11.11
117 Butyl Diphenyl Phosphate	94	17.281	17.300	(0.894)	33307	10.0000	10.41
118 Triphenyl Phosphate	326	18.873	18.897	(0.976)	26921	10.0000	10.16

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: 0100718.d
Lab Smp Id: ABN 10
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VS
Method File: /chem1/nt6.i/20050718.b/SW846.m
Misc Info:

Calibration Date: 18-JUL-2005
Calibration Time: 15:03
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	99236	49618	198472	104854	5.66
27 Naphthalene-d8	351454	175727	702908	362567	3.16
42 Acenaphthene-d10	182658	91329	365316	184957	1.26
59 Phenanthrene-d10	260034	130017	520068	255069	-1.91
69 Chrysene-d12	179938	89969	359876	195131	8.44
134 Di-n-octylphthala	368961	184480	737922	402599	9.12
77 Perylene-d12	233857	116928	467714	238853	2.14

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.84	7.34	8.34	7.84	-0.06
27 Naphthalene-d8	9.87	9.37	10.37	9.87	-0.05
42 Acenaphthene-d10	12.70	12.20	13.20	12.70	-0.04
59 Phenanthrene-d10	15.06	14.56	15.56	15.05	-0.03
69 Chrysene-d12	19.34	18.84	19.84	19.34	-0.02
134 Di-n-octylphthala	20.46	19.96	20.96	20.45	-0.02
77 Perylene-d12	21.49	20.99	21.99	21.49	-0.02

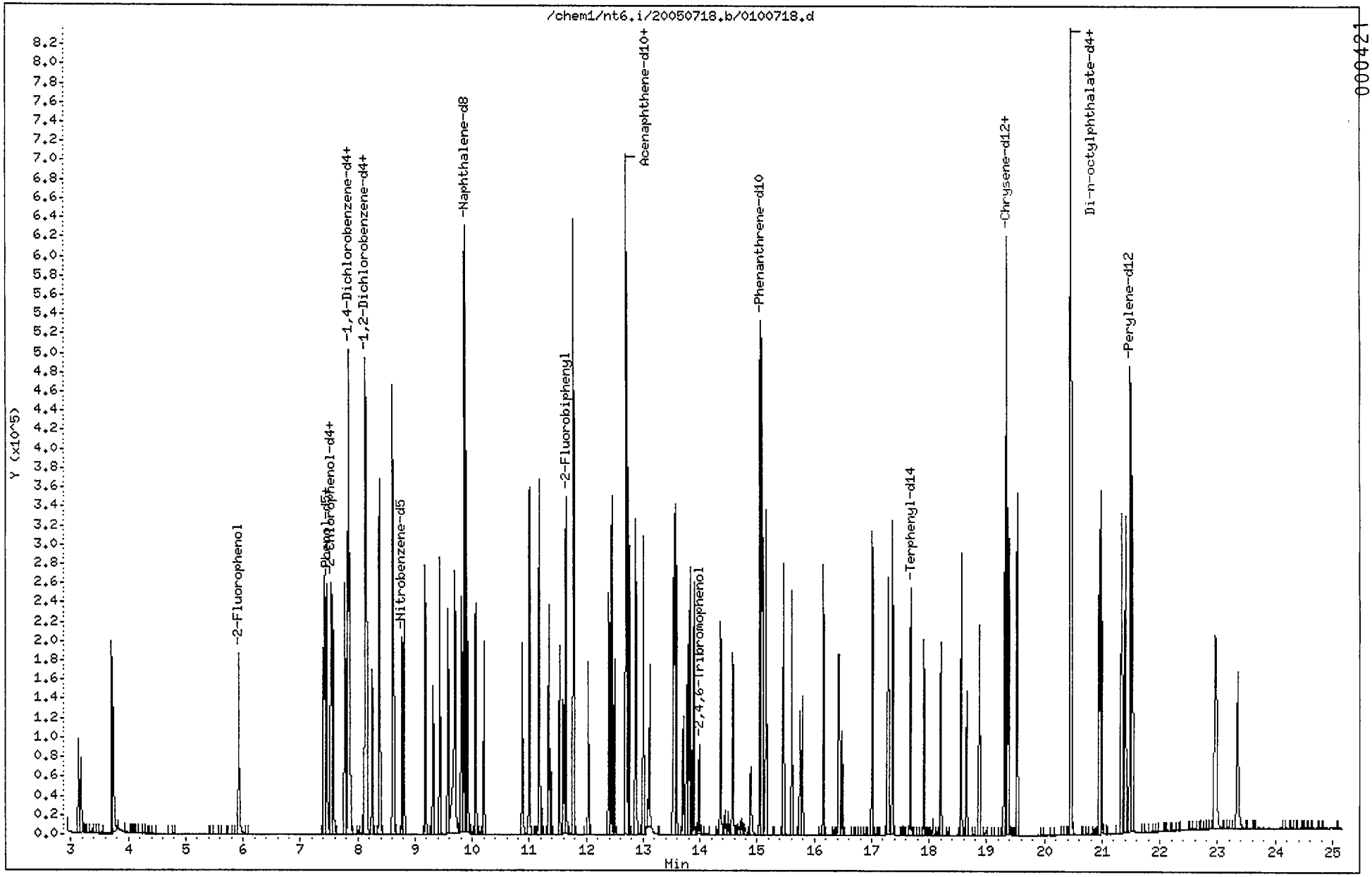
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20050718.b/0100718.d
Date : 18-JUL-2005 17:57
Client ID:
Sample Info: ABN 10

Instrument: nt6.i

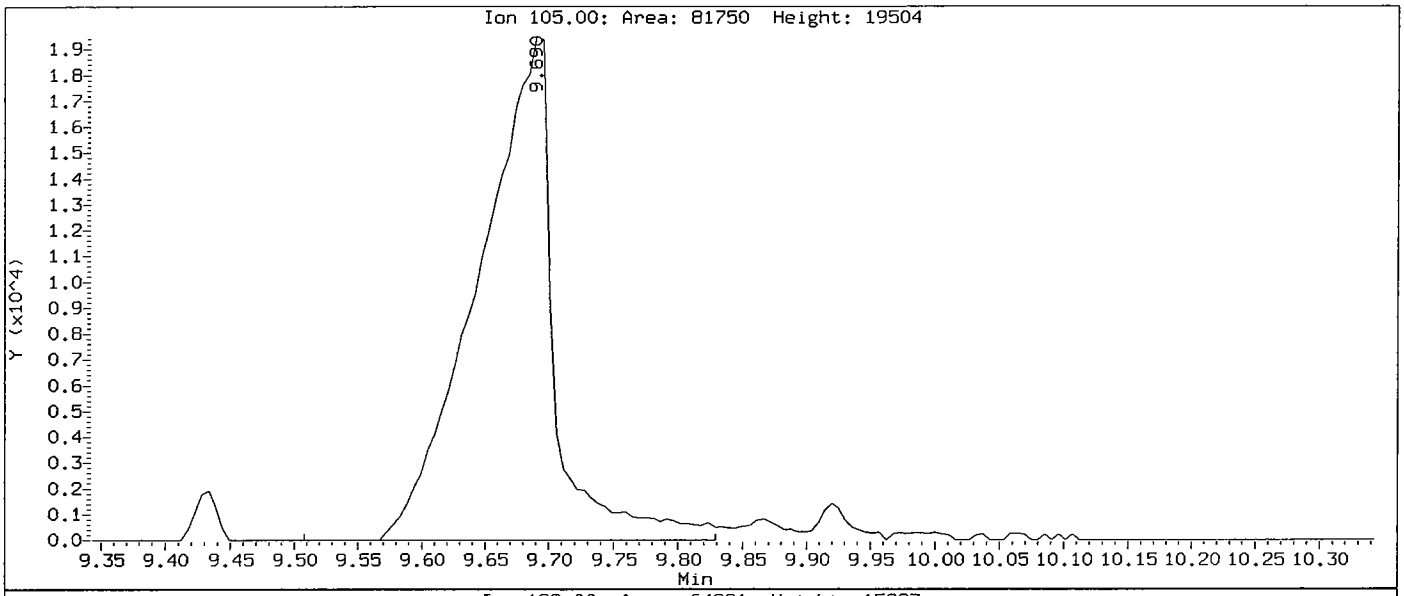
Operator: LJR/VS
Column diameter: 0.32

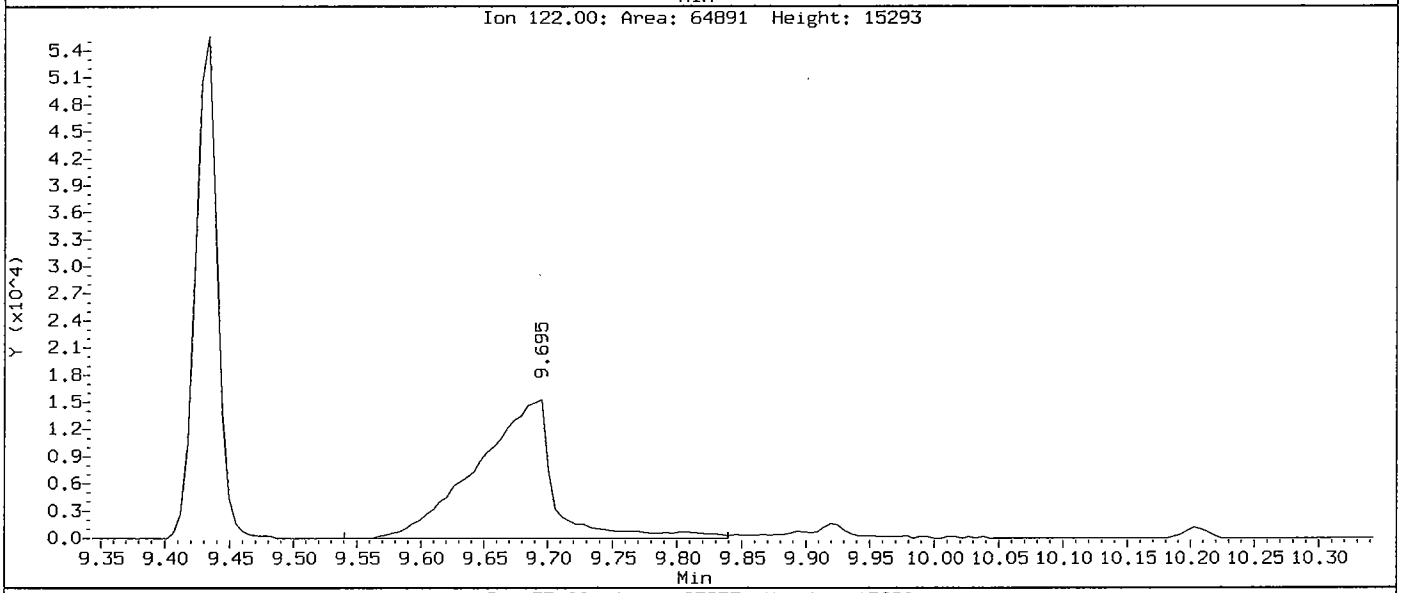
Column phase: RTX-5

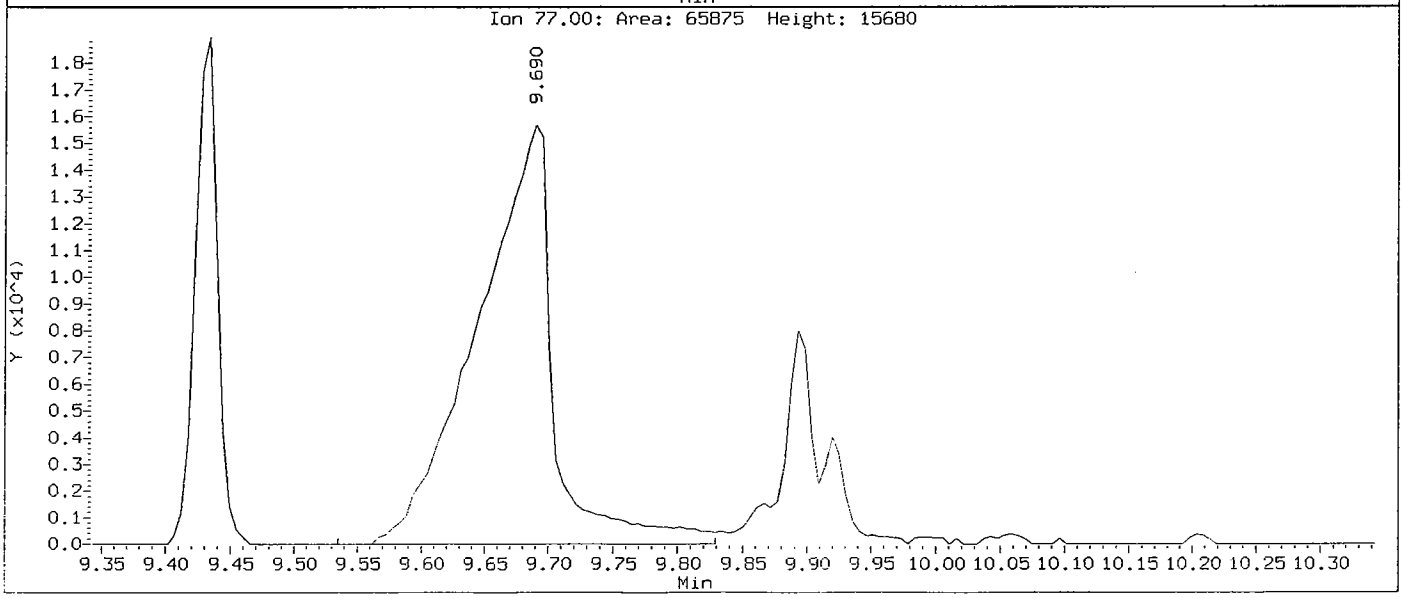


Data File: /chem1/nt6.i/20050718.b/0100718.d
Injection Date: 18-JUL-2005 17:57
Instrument: nt6.i
Client Sample ID:

Compound: Benzoic acid
CAS Number: 65-85-0

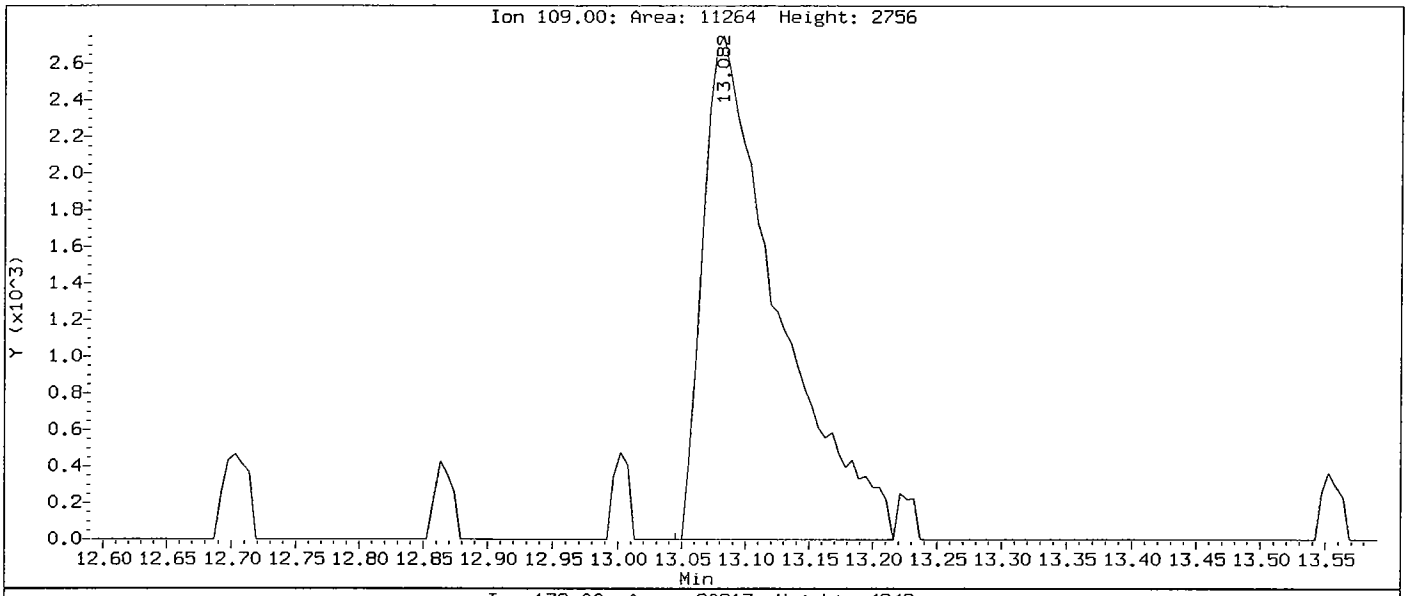


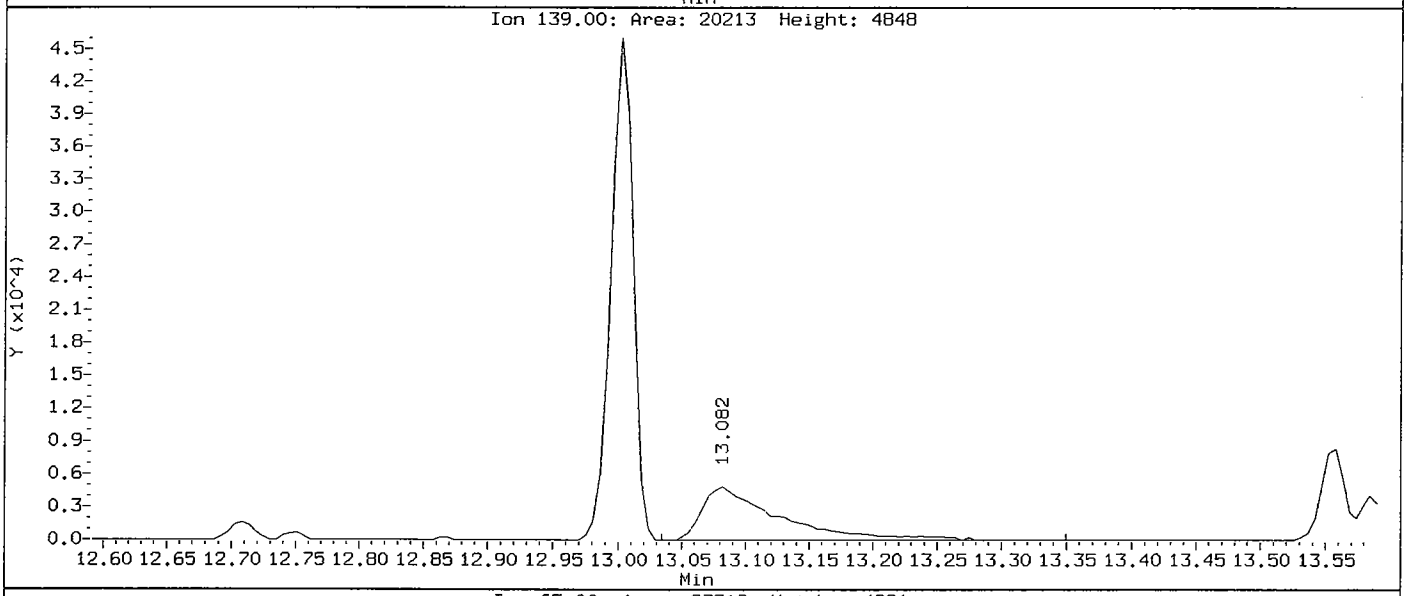


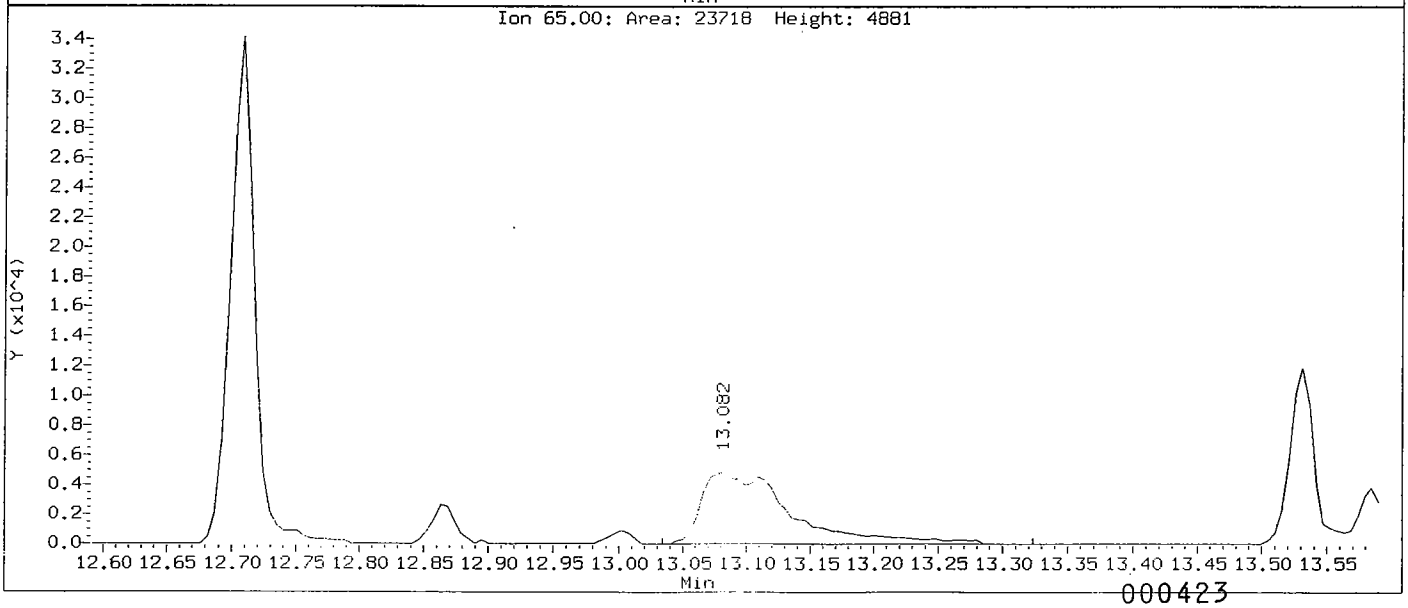


Data File: /chem1/nt6.i/20050718.b/0100718.d
Injection Date: 18-JUL-2005 17:57
Instrument: nt6.i
Client Sample ID:

Compound: 4-Nitrophenol
CAS Number: 100-02-7

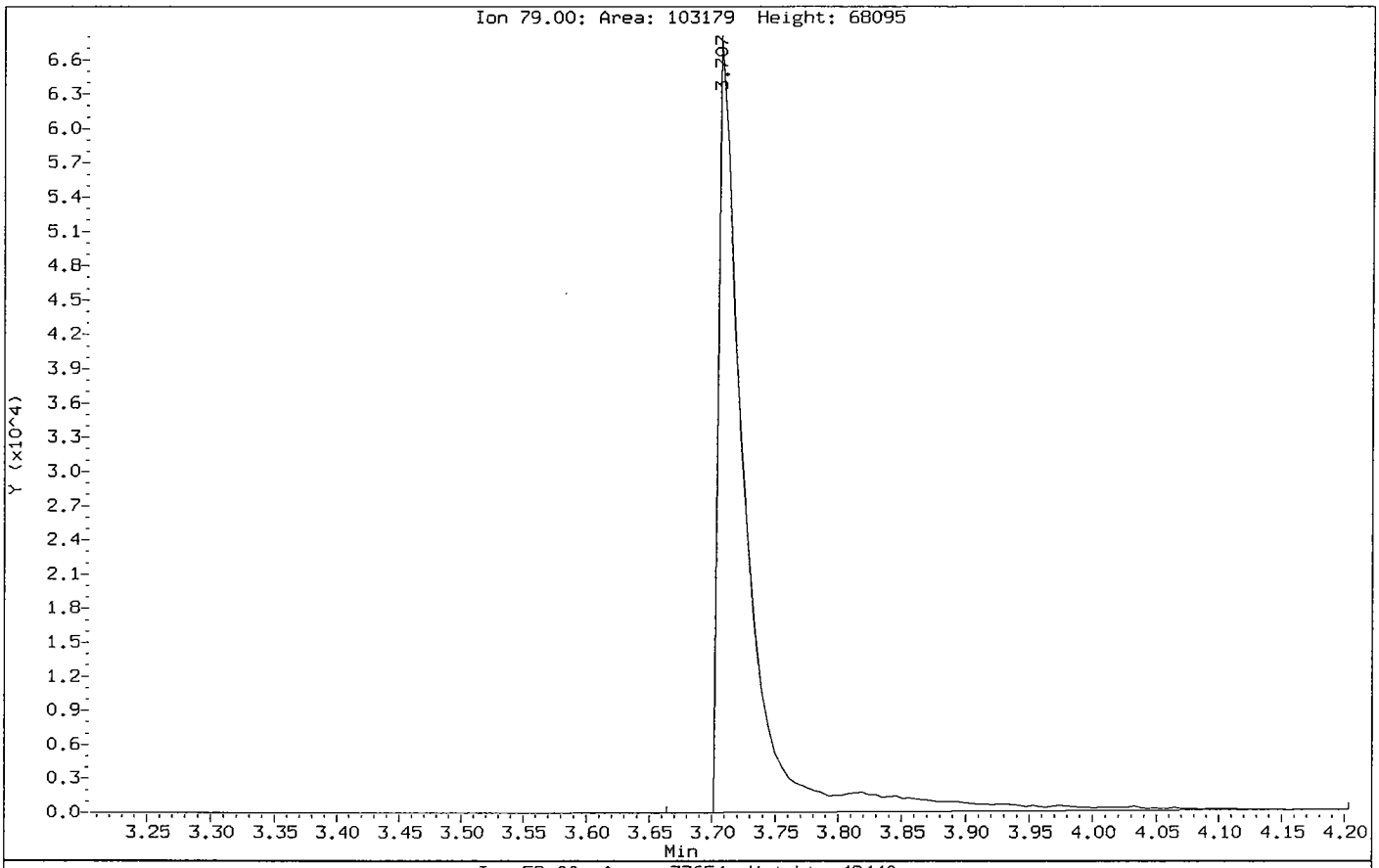


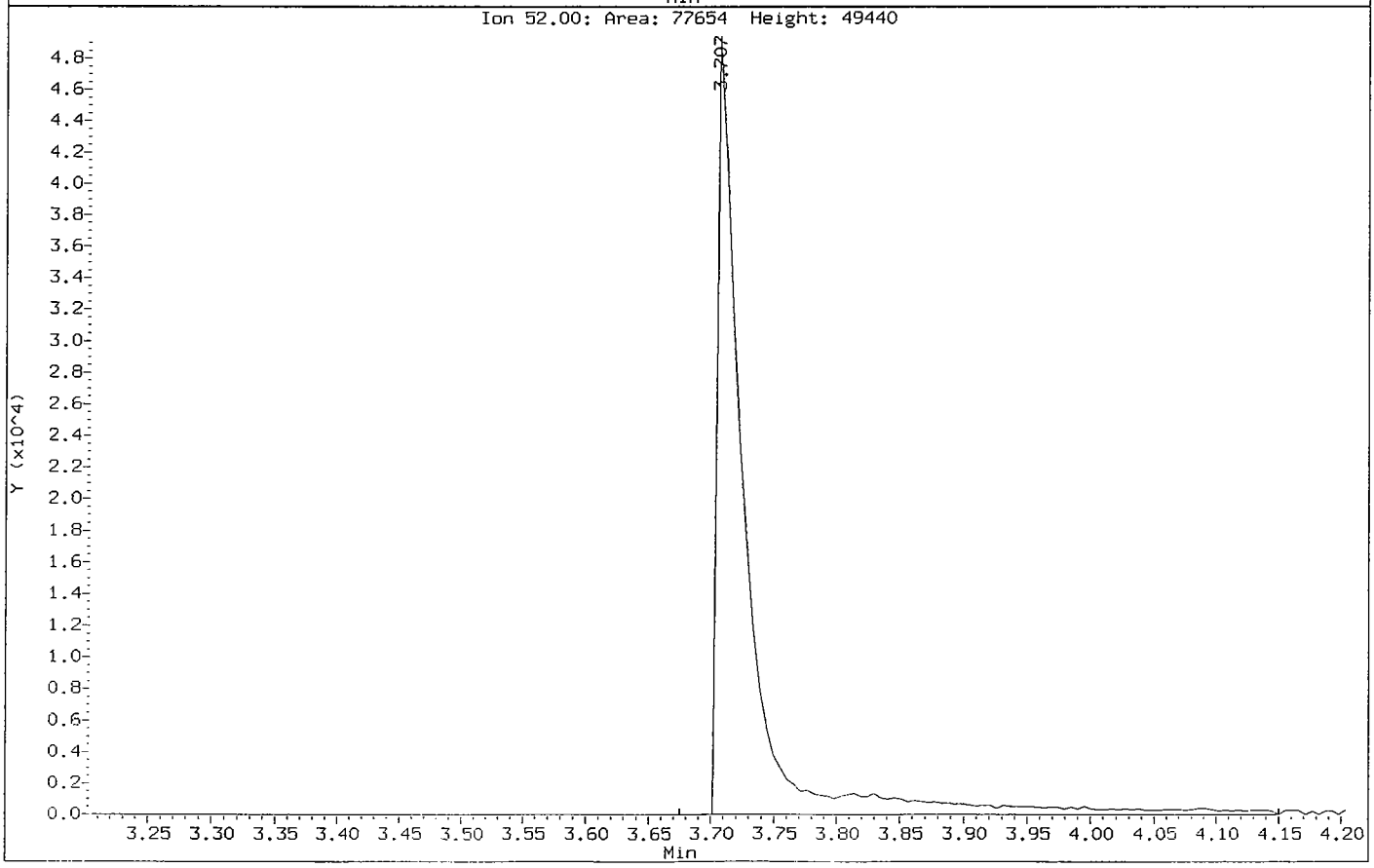




Data File: /chem1/nt6.i/20050718.b/0100718.d
Injection Date: 18-JUL-2005 17:57
Instrument: nt6.i
Client Sample ID:

Compound: Pyridine
CAS Number:





Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem1/nt6.i/20050718.b/0250718.d
Lab Smp Id: ABN 25
Inj Date : 18-JUL-2005 15:03
Operator : LJR/VS
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20050718.b/SW846.m
Meth Date : 19-Jul-2005 10:03 jeff
Cal Date : 18-JUL-2005 15:03
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50

Inst ID: nt6.i

Quant Type: ISTD
Cal File: 0250718.d
Calibration Sample, Level: 4

Compound Sublist: ICAL.sub

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.923	5.937	(0.755)	181575	25.0000	25.91
$	2 Phenol-d5	99	7.446	7.476	(0.950)	206027	25.0000	25.29
	3 Phenol	94	7.467	7.497	(0.952)	233002	25.0000	25.27
$	5 2-Chlorophenol-d4	132	7.553	7.572	(0.963)	164864	25.0000	25.52
	4 Bis(2-Chloroethyl)ether	93	7.537	7.561	(0.961)	193259	25.0000	25.06
	6 2-Chlorophenol	128	7.574	7.593	(0.966)	182470	25.0000	26.18
	7 1,3-Dichlorobenzene	146	7.777	7.791	(0.992)	188699	25.0000	25.32
*	8 1,4-Dichlorobenzene-d4	152	7.841	7.850	(1.000)	99236	20.0000	
	9 1,4-Dichlorobenzene	146	7.862	7.876	(1.003)	189600	25.0000	25.13
$	10 1,2-Dichlorobenzene-d4	152	8.135	8.149	(1.037)	105345	25.0000	25.03
	12 1,2-Dichlorobenzene	146	8.156	8.170	(1.040)	169128	25.0000	25.06
	11 Benzyl alcohol	108	8.146	8.181	(1.039)	114880	25.0000	24.77
	14 2,2'-oxybis(1-Chloropropane)	45	8.391	8.405	(1.070)	295495	25.0000	25.15
	13 2-Methylphenol	108	8.381	8.400	(1.069)	164604	25.0000	25.91
	17 Hexachloroethane	117	8.632	8.635	(1.101)	67201	25.0000	25.53
	16 N-Nitroso-di-n-propylamine	70	8.621	8.662	(1.099)	132065	25.0000	24.39
	15 4-Methylphenol	108	8.616	8.651	(1.099)	160759	25.0000	25.89
$	18 Nitrobenzene-d5	82	8.781	8.806	(0.890)	202468	25.0000	25.01
	19 Nitrobenzene	77	8.813	8.838	(0.893)	205785	25.0000	25.30
	20 Isophorone	82	9.187	9.222	(0.931)	352797	25.0000	24.67
	21 2-Nitrophenol	139	9.315	9.335	(0.944)	85379	25.0000	25.77
	22 2,4-Dimethylphenol	107	9.438	9.468	(0.956)	167952	25.0000	25.40
	23 Bis(2-Chloroethoxy)methane	93	9.583	9.602	(0.971)	218831	25.0000	24.54
	24 Benzoic acid	105	9.711	9.842	(0.984)	106617	25.0000	35.08 (M)
	25 2,4-Dichlorophenol	162	9.700	9.725	(0.983)	127679	25.0000	25.64
	26 1,2,4-Trichlorobenzene	180	9.812	9.826	(0.994)	132951	25.0000	24.80
*	27 Naphthalene-d8	136	9.871	9.880	(1.000)	351454	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.898	9.917	(1.003)	486991	25.0000	24.26
	29 4-Chloroaniline	127	10.063	10.083	(1.019)	206594	25.0000	25.26
	30 Hexachlorobutadiene	225	10.208	10.216	(1.034)	62738	25.0000	24.89
	31 4-Chloro-3-methylphenol	107	10.875	10.895	(1.102)	137996	25.0000	25.59
	32 2-Methylnaphthalene	141	11.009	11.023	(1.115)	246294	25.0000	24.16
	33 Hexachlorocyclopentadiene	237	11.378	11.386	(0.896)	46019	25.0000	27.64
	34 2,4,6-Trichlorophenol	196	11.532	11.546	(0.908)	79753	25.0000	25.83
	35 2,4,5-Trichlorophenol	196	11.591	11.605	(0.913)	86347	25.0000	26.09
$	36 2-Fluorobiphenyl	172	11.650	11.669	(0.917)	304993	25.0000	24.89
	37 2-Chloronaphthalene	162	11.778	11.803	(0.927)	235911	25.0000	23.46
	38 2-Nitroaniline	65	12.040	12.065	(0.948)	98797	25.0000	25.21
	39 Dimethylphthalate	163	12.403	12.428	(0.976)	289124	25.0000	24.74
	40 Acenaphthylene	152	12.451	12.470	(0.980)	433428	25.0000	24.80
	41 2,6-Dinitrotoluene	165	12.510	12.535	(0.985)	67797	25.0000	25.65
*	42 Acenaphthene-d10	164	12.702	12.711	(1.000)	182658	20.0000	
	43 3-Nitroaniline	138	12.718	12.748	(1.001)	73021	25.0000	25.63
	44 Acenaphthene	153	12.756	12.775	(1.004)	266583	25.0000	24.25
	45 2,4-Dinitrophenol	184	12.879	12.914	(1.014)	15591	25.0000	24.06
	46 Dibenzofuran	168	13.012	13.031	(1.024)	359238	25.0000	24.35
	47 4-Nitrophenol	109	13.066	13.090	(1.029)	32441	25.0000	31.84
	48 2,4-Dinitrotoluene	165	13.124	13.154	(1.033)	85005	25.0000	25.60
	50 Diethylphthalate	149	13.541	13.566	(1.066)	272626	25.0000	25.04
	49 Fluorene	166	13.562	13.582	(1.068)	290119	25.0000	24.47
	51 4-Chlorophenyl-phenylether	204	13.589	13.608	(1.070)	132277	25.0000	24.86
	52 4-Nitroaniline	138	13.717	13.774	(1.080)	73540	25.0000	25.06
	53 4,6-Dinitro-2-methylphenol	198	13.771	13.811	(0.914)	34097	25.0000	24.68
	54 N-Nitrosodiphenylamine	169	13.808	13.838	(0.917)	166663	25.0000	24.53
$	55 2,4,6-Tribromophenol	330	13.995	14.014	(1.102)	32233	25.0000	26.24
	56 4-Bromophenyl-phenylether	248	14.364	14.383	(0.954)	70197	25.0000	24.42
	57 Hexachlorobenzene	284	14.583	14.602	(0.968)	69713	25.0000	23.95
	58 Pentachlorophenol	266	14.893	14.917	(0.989)	40525	25.0000	27.37
*	59 Phenanthrene-d10	188	15.058	15.067	(1.000)	260034	20.0000	
	60 Phenanthrene	178	15.096	15.120	(1.002)	344025	25.0000	22.63
	61 Anthracene	178	15.165	15.190	(1.007)	384812	25.0000	23.91
	62 Carbazole	167	15.470	15.494	(1.027)	353093	25.0000	23.84
	63 Di-n-butylphthalate	149	16.164	16.178	(1.073)	432009	25.0000	24.62
	64 Fluoranthene	202	17.019	17.043	(1.130)	375963	25.0000	24.03
	65 Pyrene	202	17.371	17.396	(0.898)	383917	25.0000	24.61
$	66 Terphenyl-d14	244	17.687	17.706	(0.914)	241964	25.0000	25.01
	67 Butylbenzylphthalate	149	18.563	18.582	(0.960)	192439	25.0000	25.59
	68 Benzo(a)anthracene	228	19.316	19.340	(0.999)	332629	25.0000	24.49
*	69 Chrysene-d12	240	19.343	19.362	(1.000)	179938	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.348	19.373	(1.000)	117729	25.0000	24.72
	71 Chrysene	228	19.385	19.415	(1.002)	314840	25.0000	23.93
	72 bis(2-Ethylhexyl)phthalate	149	19.530	19.543	(0.955)	274325	25.0000	25.45
*	134 Di-n-octylphthalate-d4	153	20.459	20.473	(1.000)	368961	20.0000	
	73 Di-n-octylphthalate	149	20.470	20.489	(1.001)	469874	25.0000	24.26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	
74	Benzo(b)fluoranthene	252	20.961	21.002	(0.975)	382606	25.0000	23.52	
75	Benzo(k)fluoranthene	252	20.999	21.034	(0.977)	364916	25.0000	22.08	
76	Benzo(a)pyrene	252	21.415	21.456	(0.997)	351810	25.0000	24.58	
* 77	Perylene-d12	264	21.490	21.509	(1.000)	233857	20.0000		
78	Indeno(1,2,3-cd)pyrene	276	22.965	23.000	(1.069)	351353	25.0000	28.76	
79	Dibenzo(a,h)anthracene	278	22.986	23.043	(1.070)	277494	25.0000	30.13	
80	Benzo(g,h,i)perylene	276	23.360	23.422	(1.087)	310027	25.0000	28.42	
90	N-Nitrosodimethylamine	74	3.744	3.774	(0.477)	133540	25.0000	25.19	
103	Pyridine	79	3.696	3.704	(0.471)	240293	25.0000	25.59	(M)
91	Aniline	93	7.419	7.438	(0.946)	293341	25.0000	24.44	
105	1-methylnaphthalene	141	11.180	11.194	(1.133)	250642	25.0000	24.25	
93	Benzidine	184	17.297	17.316	(0.894)	157543	25.0000	24.94	
98	Retene	219	17.916	17.936	(0.926)	122082	25.0000	25.08	
111	Azobenzene (1,2-DP-Hydrazine)	77	13.840	13.859	(1.090)	361508	25.0000	25.29	
144	alpha-Terpineol	59	9.924	9.949	(1.005)	102185	25.0000	25.61	
143	1,4-Dioxane	58	3.172	3.186	(0.405)	63047	25.0000	25.32	
$ 145	d8-1,4-Dioxane	96	3.129	3.138	(0.399)	99317	25.0000	25.28	
133	Butylatedhydroxytoluene	205	12.868	12.887	(1.013)	202324	25.0000	24.20	
115	Tributyl Phosphate	99	13.904	13.961	(0.923)	351787	25.0000	29.28	
116	Dibutyl Phenyl Phosphate	175	15.614	15.633	(1.037)	202866	25.0000	25.50	
117	Butyl Diphenyl Phosphate	94	17.286	17.300	(0.894)	77634	25.0000	26.32	
118	Triphenyl Phosphate	326	18.878	18.897	(0.976)	62635	25.0000	25.62	

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: 0250718.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VS
Method File: /chem1/nt6.i/20050718.b/SW846.m
Misc Info:

Calibration Date: 18-JUL-2005
Calibration Time: 15:03
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	99236	49618	198472	99236	0.00
27 Naphthalene-d8	351454	175727	702908	351454	0.00
42 Acenaphthene-d10	182658	91329	365316	182658	0.00
59 Phenanthrene-d10	260034	130017	520068	260034	0.00
69 Chrysene-d12	179938	89969	359876	179938	0.00
134 Di-n-octylphthala	368961	184480	737922	368961	0.00
77 Perylene-d12	233857	116928	467714	233857	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.84	7.34	8.34	7.84	0.00
27 Naphthalene-d8	9.87	9.37	10.37	9.87	0.00
42 Acenaphthene-d10	12.70	12.20	13.20	12.70	0.00
59 Phenanthrene-d10	15.06	14.56	15.56	15.06	0.00
69 Chrysene-d12	19.34	18.84	19.84	19.34	0.00
134 Di-n-octylphthala	20.46	19.96	20.96	20.46	0.00
77 Perylene-d12	21.49	20.99	21.99	21.49	0.00

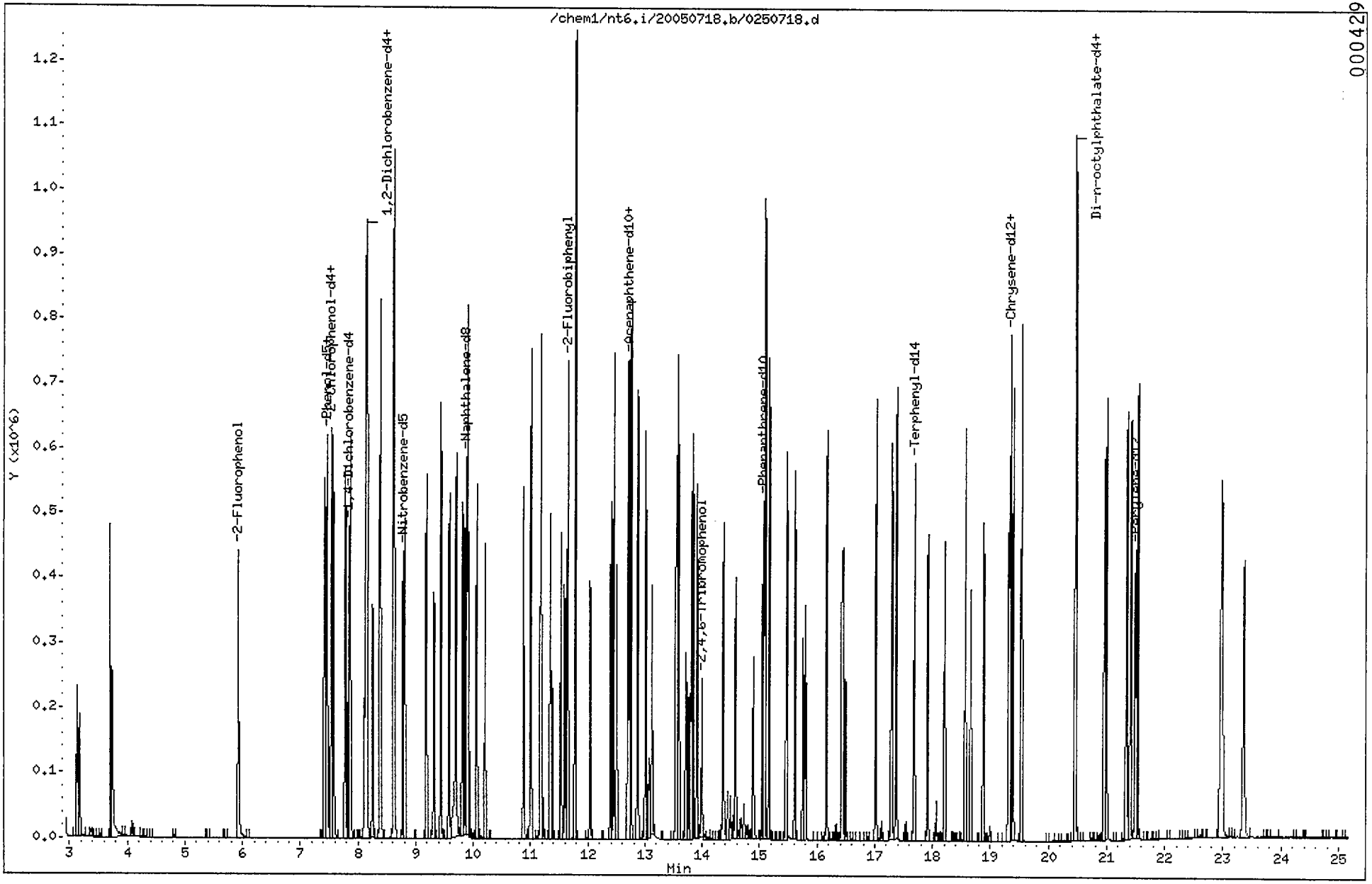
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20050718.b/0250718.d
Date : 18-JUL-2005 15:03
Client ID:
Sample Info: ABN 25

Instrument: nt6.i

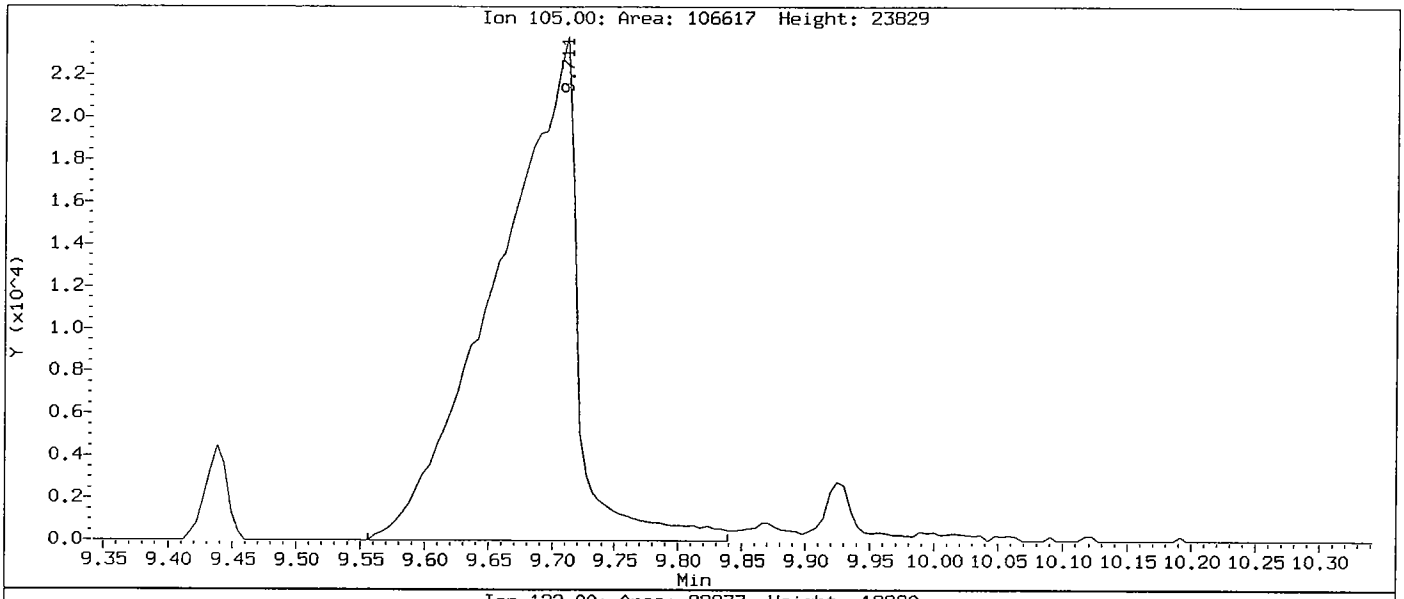
Operator: LJR/VS
Column diameter: 0.32

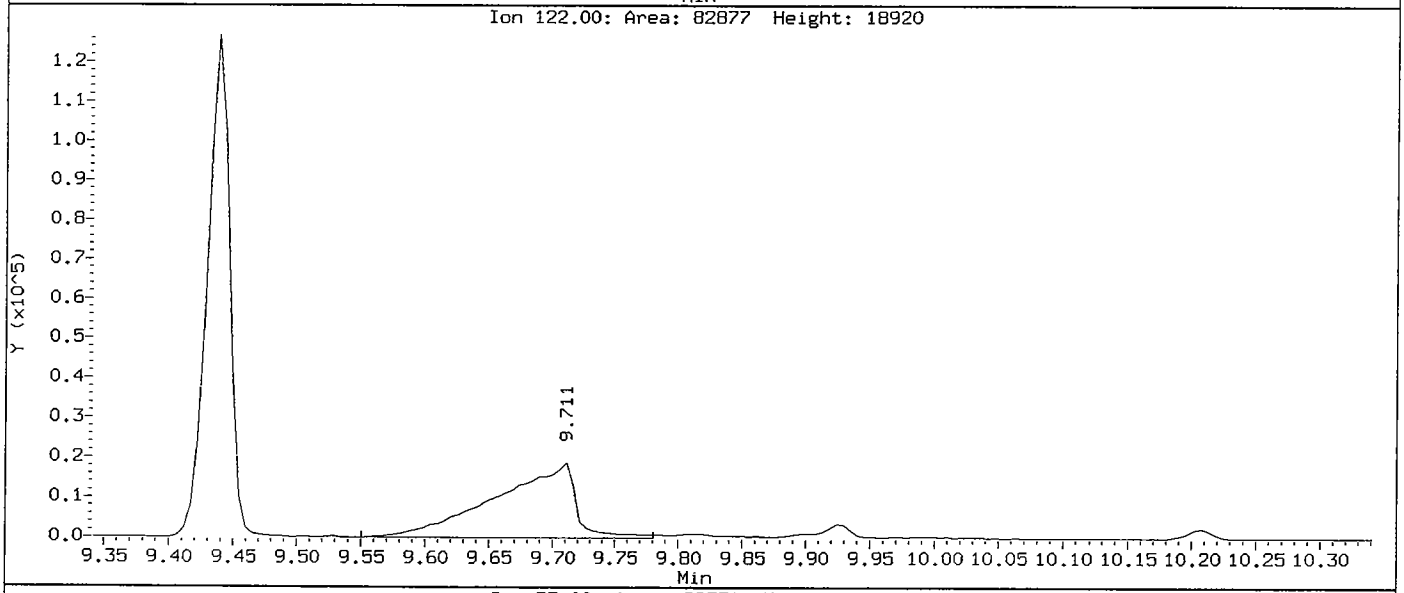
Column phase: RTX-5

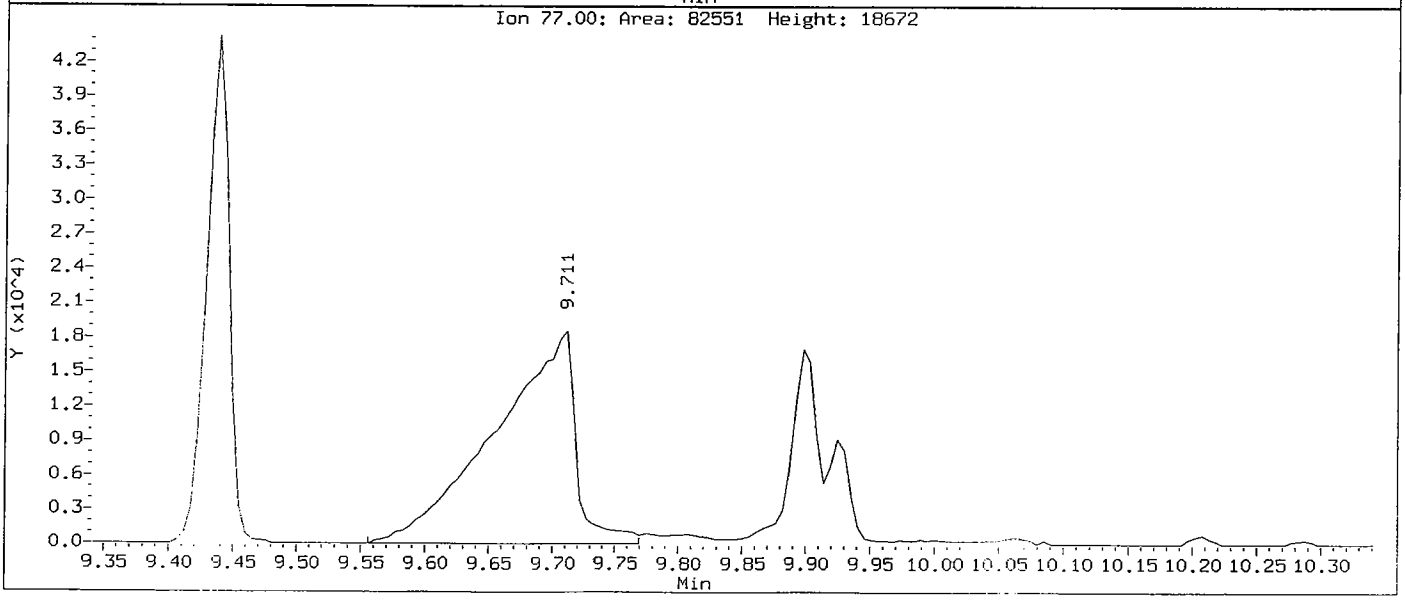


Data File: /chem1/nt6.i/20050718.b/0250718.d
Injection Date: 18-JUL-2005 15:03
Instrument: nt6.i
Client Sample ID:

Compound: Benzoic acid
CAS Number: 65-85-0

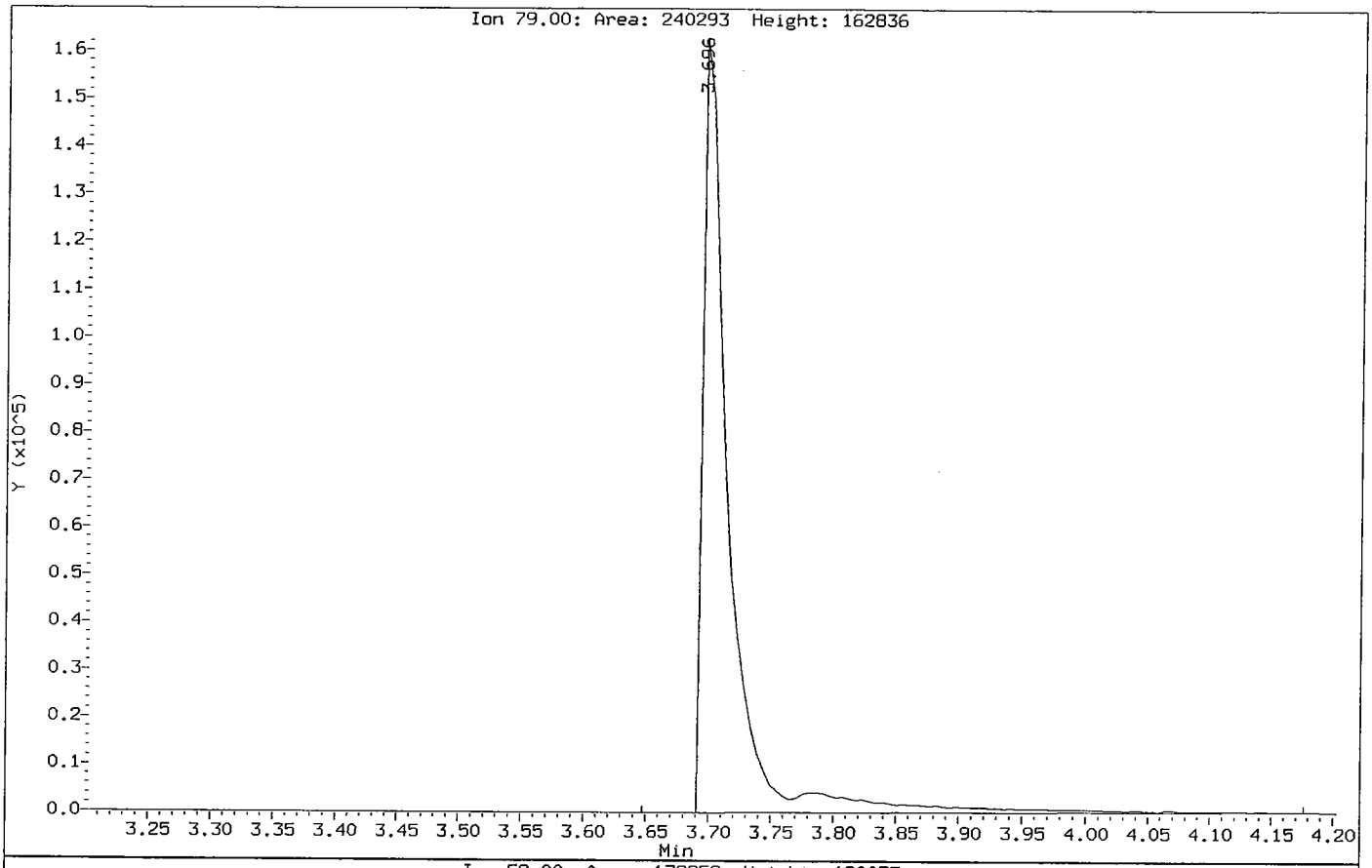


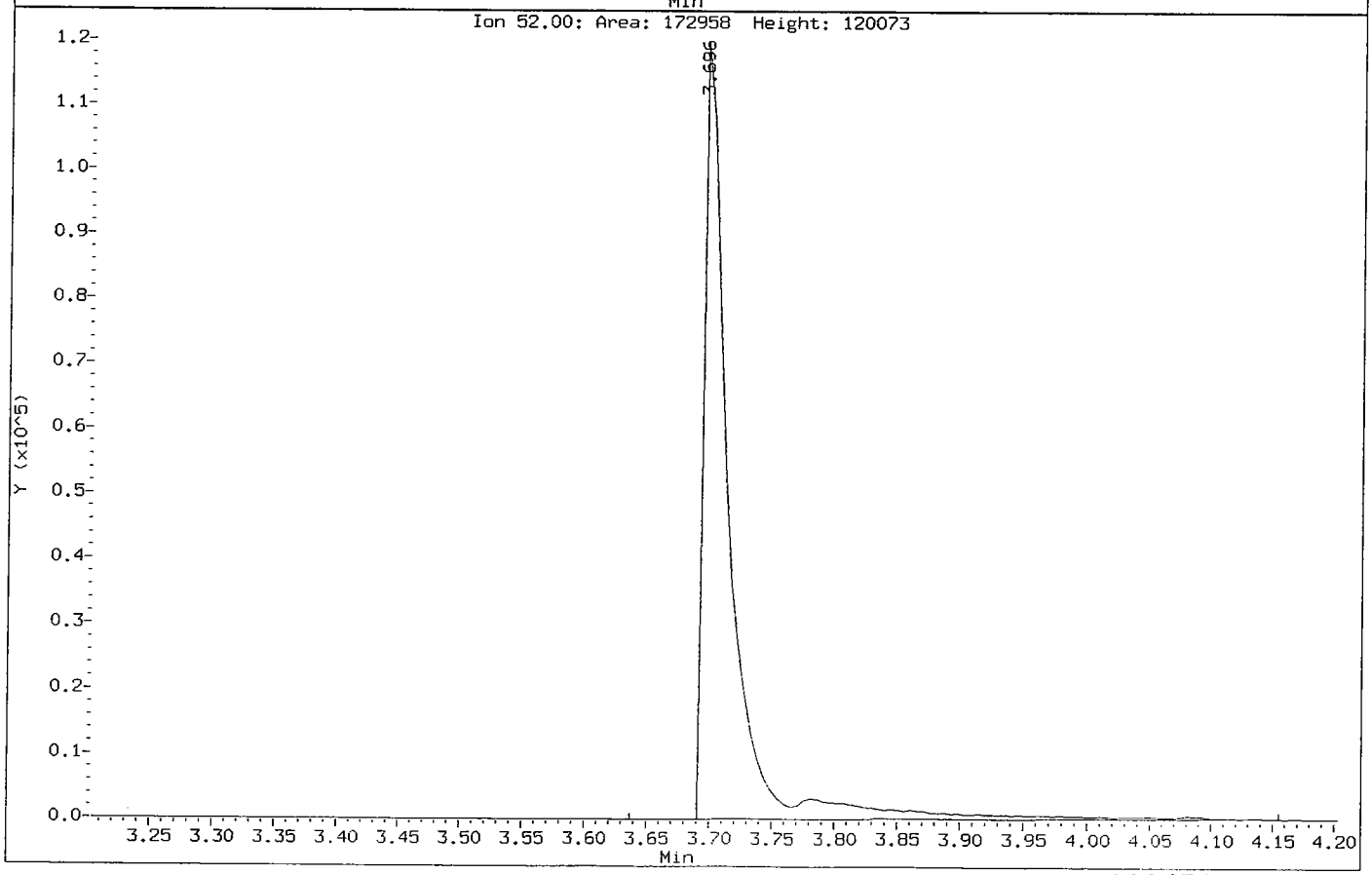




Data File: /chem1/nt6.i/20050718.b/0250718.d
Injection Date: 18-JUL-2005 15:03
Instrument: nt6.i
Client Sample ID:

Compound: Pyridine
CAS Number:





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

Data file: /chem1/nt6.i/20050718.b/ddt.b/0250718.d
Method: /chem1/nt6.i/20050718.b/ddt.b/sw846ddt.m
Analysis Date: 18-JUL-2005 15:03

ARI ID:
Misc:
Instrument: nt6.i

COMPOUND	RT	AREA
Pentachlorophenol	14.893	40249
Benzidine	17.297	157543
4,4'-DDE	----	----
4,4'-DDD	18.189	3188
4,4'-DDT	18.659	88409

LJR 7/19/05

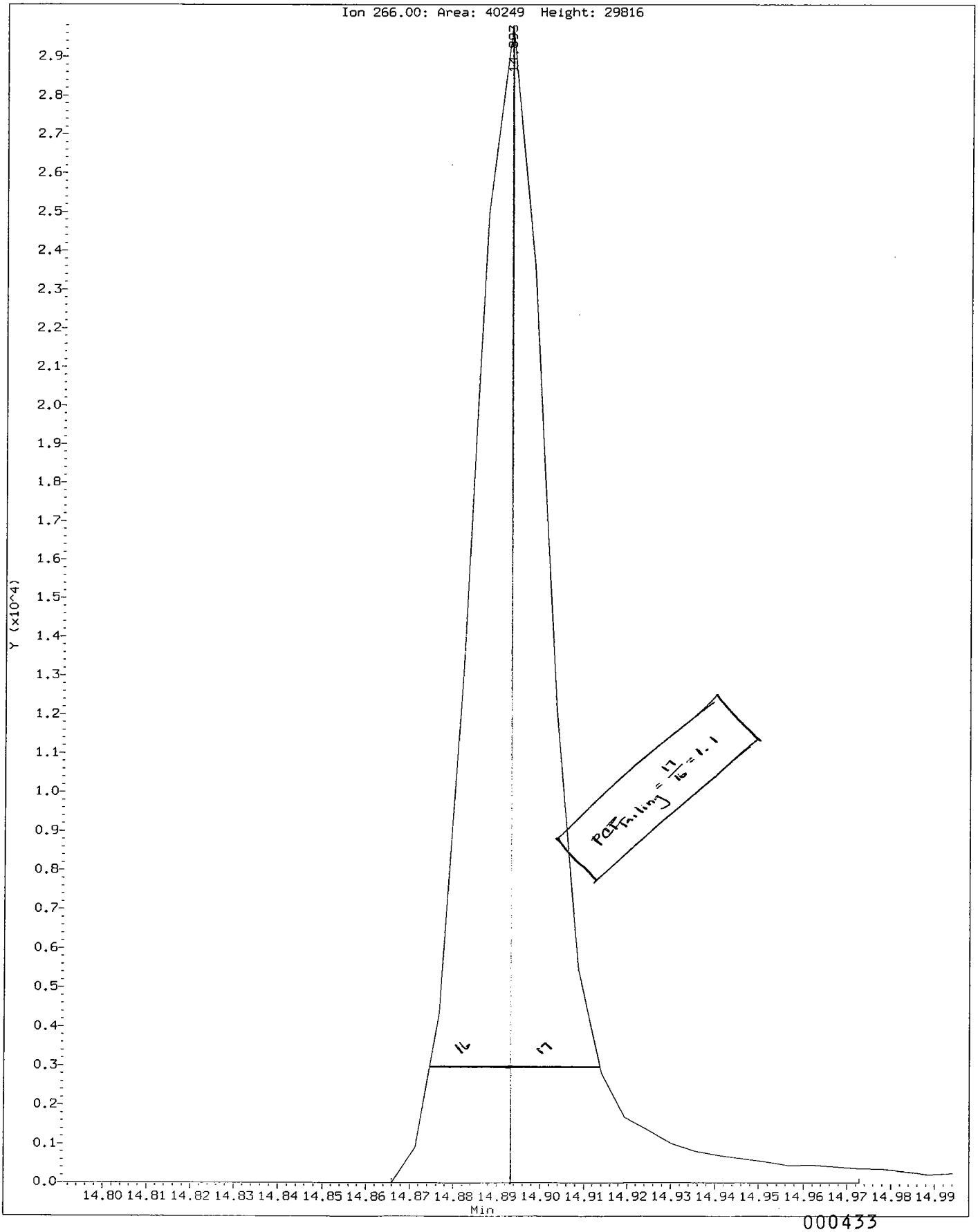
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(0 + 3188) * 100}{(0 + 3188 + 88409)}$$

DDT Percent Breakdown = 3.5 %

Data File: /chem1/nt6.i/20050718.b/ddt.b/0250718.d
Injection Date: 18-JUL-2005 15:03
Instrument: nt6.i
Client Sample ID:

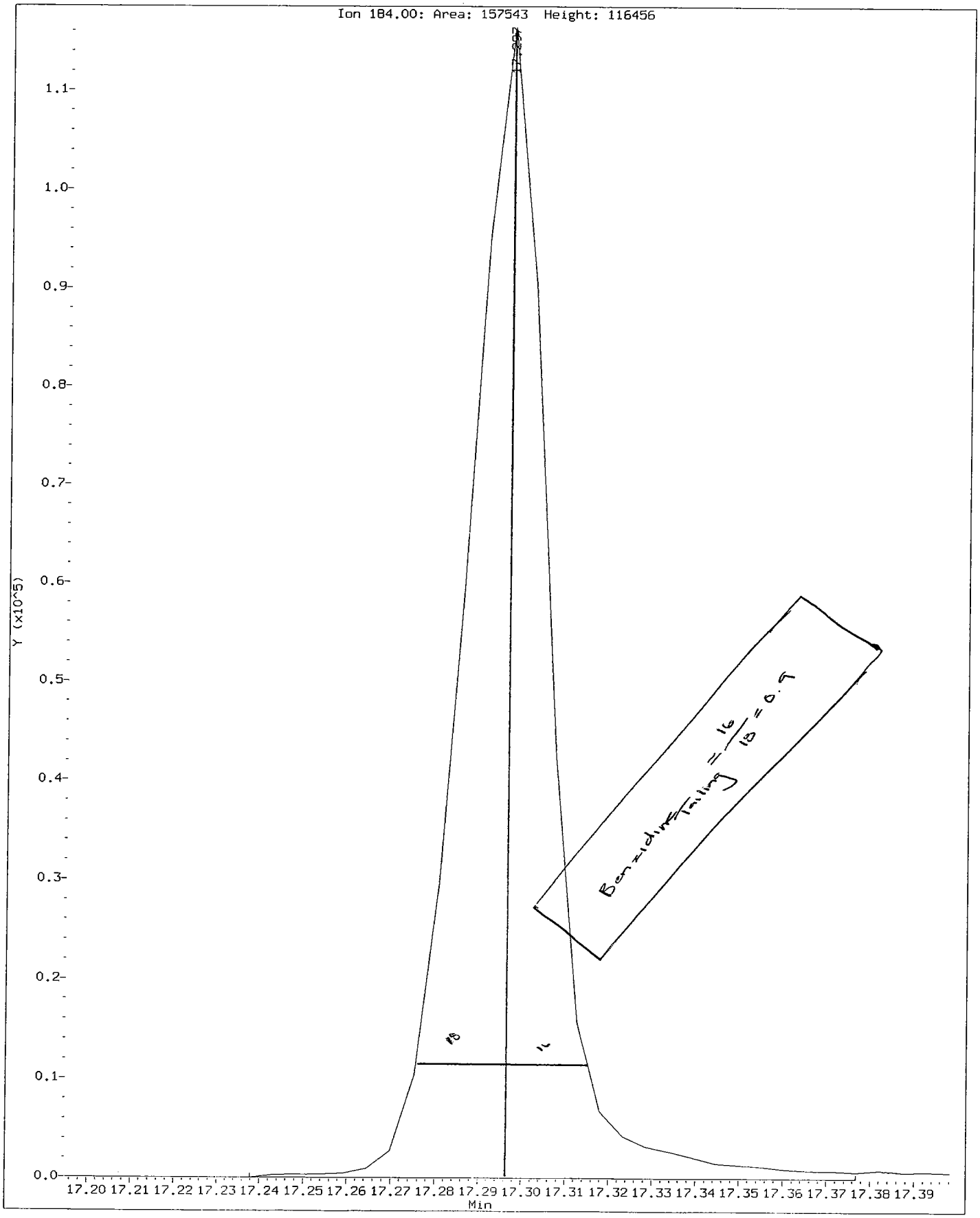
Compound: Pentachlorophenol
CAS Number: 87-86-5



000433

Data File: /chem1/nt6.i/20050718.b/ddt.b/0250718.d
Injection Date: 18-JUL-2005 15:03
Instrument: nt6.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem1/nt6.i/20050718.b/0400718.d
Lab Smp Id: ABN 40
Inj Date : 18-JUL-2005 16:49
Operator : LJR/VS Inst ID: nt6.i
Smp Info : ABN 40
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20050718.b/SW846.m
Meth Date : 19-Jul-2005 10:03 jeff Quant Type: ISTD
Cal Date : 18-JUL-2005 16:49 Cal File: 0400718.d
Als bottle: 4 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.928	5.937	(0.756)	292570	40.0000	40.13
$	2 Phenol-d5	99	7.455	7.476	(0.951)	329268	40.0000	38.86
	3 Phenol	94	7.477	7.497	(0.954)	380552	40.0000	39.68
$	5 2-Chlorophenol-d4	132	7.557	7.572	(0.964)	252240	40.0000	37.54
	4 Bis(2-Chloroethyl)ether	93	7.541	7.561	(0.962)	302208	40.0000	37.68
	6 2-Chlorophenol	128	7.578	7.593	(0.967)	287861	40.0000	39.71
	7 1,3-Dichlorobenzene	146	7.781	7.791	(0.992)	296503	40.0000	38.25
*	8 1,4-Dichlorobenzene-d4	152	7.840	7.850	(1.000)	103223	20.0000	
	9 1,4-Dichlorobenzene	146	7.867	7.876	(1.003)	296154	40.0000	37.74
$	10 1,2-Dichlorobenzene-d4	152	8.139	8.149	(1.038)	161464	40.0000	36.89
	12 1,2-Dichlorobenzene	146	8.161	8.170	(1.041)	251363	40.0000	35.81
	11 Benzyl alcohol	108	8.155	8.181	(1.040)	179246	40.0000	37.16
	14 2,2'-oxybis(1-Chloropropane)	45	8.396	8.405	(1.071)	452784	40.0000	37.05
	13 2-Methylphenol	108	8.385	8.400	(1.069)	258931	40.0000	39.18
	17 Hexachloroethane	117	8.631	8.635	(1.101)	99260	40.0000	36.25
	16 N-Nitroso-di-n-propylamine	70	8.631	8.662	(1.101)	201097	40.0000	35.70
	15 4-Methylphenol	108	8.625	8.651	(1.100)	242867	40.0000	37.60
$	18 Nitrobenzene-d5	82	8.791	8.806	(0.891)	331806	40.0000	39.35
	19 Nitrobenzene	77	8.818	8.838	(0.893)	330708	40.0000	39.03
	20 Isophorone	82	9.192	9.222	(0.931)	571897	40.0000	38.40
	21 2-Nitrophenol	139	9.320	9.335	(0.944)	143159	40.0000	41.49
	22 2,4-Dimethylphenol	107	9.448	9.468	(0.957)	271773	40.0000	39.46
	23 Bis(2-Chloroethoxy)methane	93	9.587	9.602	(0.971)	352169	40.0000	37.91
	24 Benzoic acid	105	9.753	9.842	(0.988)	199084	40.0000	53.02 (M)
	25 2,4-Dichlorophenol	162	9.705	9.725	(0.983)	201015	40.0000	38.75
	26 1,2,4-Trichlorobenzene	180	9.817	9.826	(0.995)	209531	40.0000	37.52
*	27 Naphthalene-d8	136	9.870	9.880	(1.000)	366079	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.902	9.917	(1.003)	748829	40.0000	35.81
	29 4-Chloroaniline	127	10.068	10.083	(1.020)	318822	40.0000	37.43
	30 Hexachlorobutadiene	225	10.212	10.216	(1.035)	97668	40.0000	37.20
	31 4-Chloro-3-methylphenol	107	10.880	10.895	(1.102)	221834	40.0000	39.49
	32 2-Methylnaphthalene	141	11.008	11.023	(1.115)	375758	40.0000	35.39
	33 Hexachlorocyclopentadiene	237	11.382	11.386	(0.896)	82562	40.0000	48.28
	34 2,4,6-Trichlorophenol	196	11.532	11.546	(0.908)	126327	40.0000	39.83
	35 2,4,5-Trichlorophenol	196	11.596	11.605	(0.913)	136086	40.0000	40.03
$	36 2-Fluorobiphenyl	172	11.654	11.669	(0.918)	470813	40.0000	37.41
	37 2-Chloronaphthalene	162	11.788	11.803	(0.928)	353562	40.0000	34.22
	38 2-Nitroaniline	65	12.050	12.065	(0.949)	159451	40.0000	39.60
	39 Dimethylphthalate	163	12.408	12.428	(0.977)	452316	40.0000	37.68
	40 Acenaphthylene	152	12.456	12.470	(0.981)	659419	40.0000	36.72
	41 2,6-Dinitrotoluene	165	12.514	12.535	(0.985)	109775	40.0000	40.42
*	42 Acenaphthene-d10	164	12.701	12.711	(1.000)	187633	20.0000	
	43 3-Nitroaniline	138	12.723	12.748	(1.002)	119047	40.0000	40.68
	44 Acenaphthene	153	12.760	12.775	(1.005)	409579	40.0000	36.27
	45 2,4-Dinitrophenol	184	12.888	12.914	(1.015)	31871	40.0000	47.87
	46 Dibenzofuran	168	13.017	13.031	(1.025)	543912	40.0000	35.88
	47 4-Nitrophenol	109	13.070	13.090	(1.029)	54222	40.0000	49.74 (M)
	48 2,4-Dinitrotoluene	165	13.129	13.154	(1.034)	137805	40.0000	40.40
	50 Diethylphthalate	149	13.546	13.566	(1.066)	410723	40.0000	36.72
	49 Fluorene	166	13.567	13.582	(1.068)	429210	40.0000	35.24
	51 4-Chlorophenyl-phenylether	204	13.594	13.608	(1.070)	199730	40.0000	36.54
	52 4-Nitroaniline	138	13.732	13.774	(1.081)	115873	40.0000	38.44
	53 4,6-Dinitro-2-methylphenol	198	13.781	13.811	(0.915)	63328	40.0000	45.75
	54 N-Nitrosodiphenylamine	169	13.813	13.838	(0.917)	256208	40.0000	37.64
$	55 2,4,6-Tribromophenol	330	14.000	14.014	(1.102)	50603	40.0000	40.10
	56 4-Bromophenyl-phenylether	248	14.368	14.383	(0.954)	106743	40.0000	37.06
	57 Hexachlorobenzene	284	14.587	14.602	(0.969)	105977	40.0000	36.34
	58 Pentachlorophenol	266	14.897	14.917	(0.989)	66433	40.0000	44.77
*	59 Phenanthrene-d10	188	15.057	15.067	(1.000)	260564	20.0000	
	60 Phenanthrene	178	15.100	15.120	(1.003)	511064	40.0000	33.55
	61 Anthracene	178	15.170	15.190	(1.007)	571998	40.0000	35.47
	62 Carbazole	167	15.474	15.494	(1.028)	552228	40.0000	37.21
	63 Di-n-butylphthalate	149	16.169	16.178	(1.074)	647901	40.0000	36.85
	64 Fluoranthene	202	17.023	17.043	(1.131)	555835	40.0000	35.46
	65 Pyrene	202	17.376	17.396	(0.898)	575279	40.0000	39.86
$	66 Terphenyl-d14	244	17.691	17.706	(0.914)	355279	40.0000	39.68
	67 Butylbenzylphthalate	149	18.567	18.582	(0.960)	288502	40.0000	41.45
	68 Benzo(a)anthracene	228	19.320	19.340	(0.999)	494093	40.0000	39.31
*	69 Chrysene-d12	240	19.347	19.362	(1.000)	166499	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.352	19.373	(1.000)	172718	40.0000	39.20
	71 Chrysene	228	19.390	19.415	(1.002)	462340	40.0000	37.98
	72 bis(2-Ethylhexyl)phthalate	149	19.534	19.543	(0.955)	407912	40.0000	39.81
*	134 Di-n-octylphthalate-d4	153	20.458	20.473	(1.000)	350762	20.0000	
	73 Di-n-octylphthalate	149	20.469	20.489	(1.001)	689130	40.0000	37.42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	74 Benzo(b)fluoranthene	252	20.966	21.002	(0.975)	565854	40.0000	34.41
	75 Benzo(k)fluoranthene	252	21.003	21.034	(0.977)	557883	40.0000	33.39
	76 Benzo(a)pyrene	252	21.425	21.456	(0.997)	529220	40.0000	36.58
*	77 Perylene-d12	264	21.495	21.509	(1.000)	236401	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	22.974	23.000	(1.069)	586480	40.0000	47.49
	79 Dibenzo(a,h)anthracene	278	23.001	23.043	(1.070)	458328	40.0000	49.23
	80 Benzo(g,h,i)perylene	276	23.375	23.422	(1.087)	529949	40.0000	48.06
	90 N-Nitrosodimethylamine	74	3.753	3.774	(0.479)	219637	40.0000	39.82
	103 Pyridine	79	3.700	3.704	(0.472)	415882	40.0000	41.70 (M)
	91 Aniline	93	7.423	7.438	(0.947)	478030	40.0000	38.29
	105 1-methylnaphthalene	141	11.184	11.194	(1.133)	388221	40.0000	36.06
	93 Benzidine	184	17.301	17.316	(0.894)	223748	40.0000	38.28
	98 Retene	219	17.921	17.936	(0.926)	183576	40.0000	40.76
	111 Azobenzene (1,2-DP-Hydrazine)	77	13.845	13.859	(1.090)	571030	40.0000	38.88
	144 alpha-Terpineol	59	9.929	9.949	(1.006)	166125	40.0000	39.97
	143 1,4-Dioxane	58	3.182	3.186	(0.406)	104696	40.0000	40.43
$	145 d8-1,4-Dioxane	96	3.134	3.138	(0.400)	161806	40.0000	39.60
	133 Butylatedhydroxytoluene	205	12.872	12.887	(1.013)	299569	40.0000	34.88
	115 Tributyl Phosphate	99	13.919	13.961	(0.924)	549948	40.0000	45.69
	116 Dibutyl Phenyl Phosphate	175	15.618	15.633	(1.037)	306514	40.0000	38.45
	117 Butyl Diphenyl Phosphate	94	17.290	17.300	(0.894)	118412	40.0000	43.39
	118 Triphenyl Phosphate	326	18.882	18.897	(0.976)	93466	40.0000	41.32

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: 0400718.d
Lab Smp Id: ABN 40
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VS
Method File: /chem1/nt6.i/20050718.b/SW846.m
Misc Info:

Calibration Date: 18-JUL-2005
Calibration Time: 15:03

Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	99236	49618	198472	103223	4.02
27 Naphthalene-d8	351454	175727	702908	366079	4.16
42 Acenaphthene-d10	182658	91329	365316	187633	2.72
59 Phenanthrene-d10	260034	130017	520068	260564	0.20
69 Chrysene-d12	179938	89969	359876	166499	-7.47
134 Di-n-octylphthala	368961	184480	737922	350762	-4.93
77 Perylene-d12	233857	116928	467714	236401	1.09

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.84	7.34	8.34	7.84	-0.01
27 Naphthalene-d8	9.87	9.37	10.37	9.87	-0.01
42 Acenaphthene-d10	12.70	12.20	13.20	12.70	-0.01
59 Phenanthrene-d10	15.06	14.56	15.56	15.06	-0.01
69 Chrysene-d12	19.34	18.84	19.84	19.35	0.02
134 Di-n-octylphthala	20.46	19.96	20.96	20.46	0.00
77 Perylene-d12	21.49	20.99	21.99	21.49	0.02

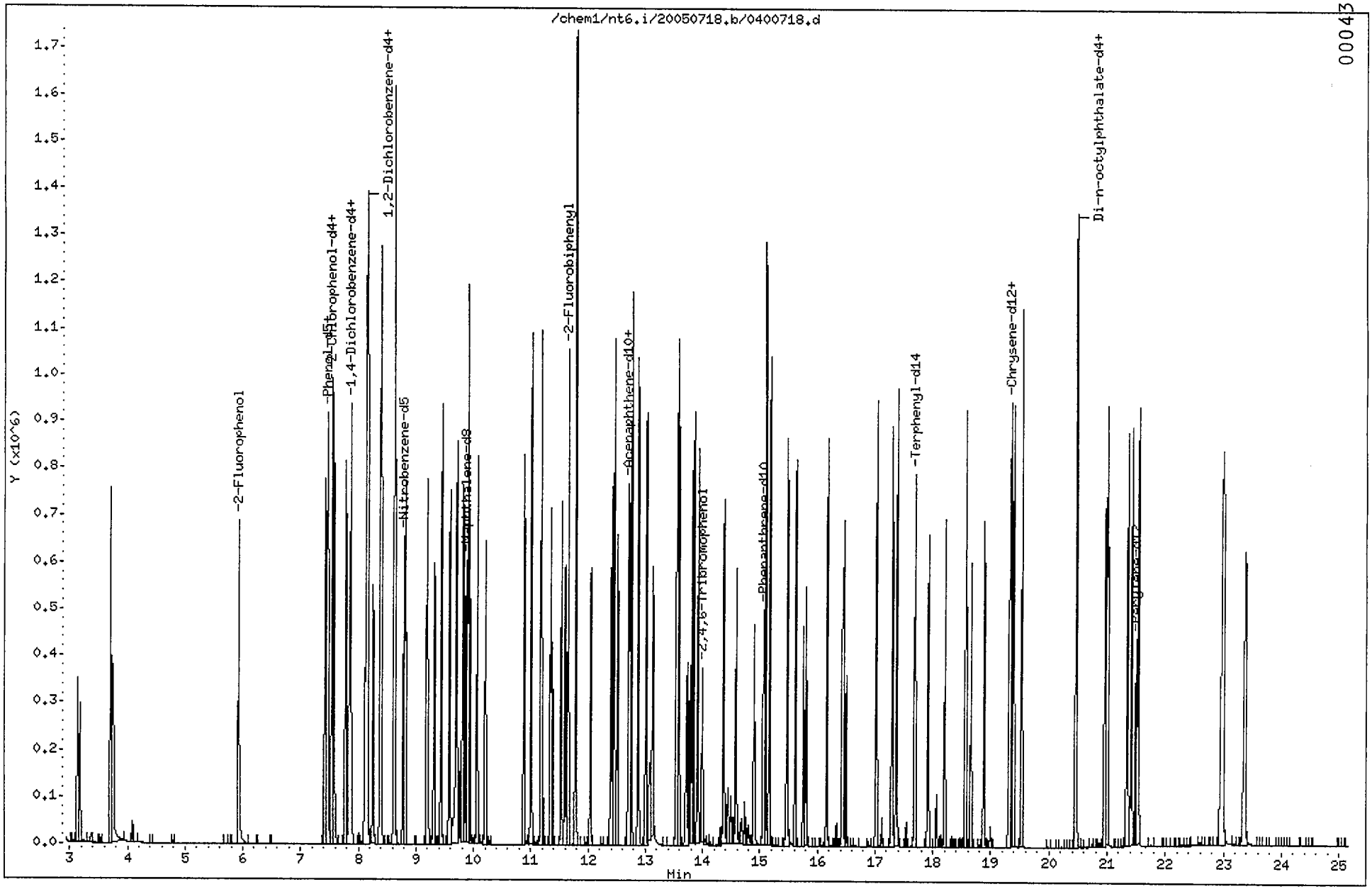
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20050718.b/0400718.d
Date : 18-JUL-2005 16:49
Client ID:
Sample Info: ABN 40

Column phase: RTX-5

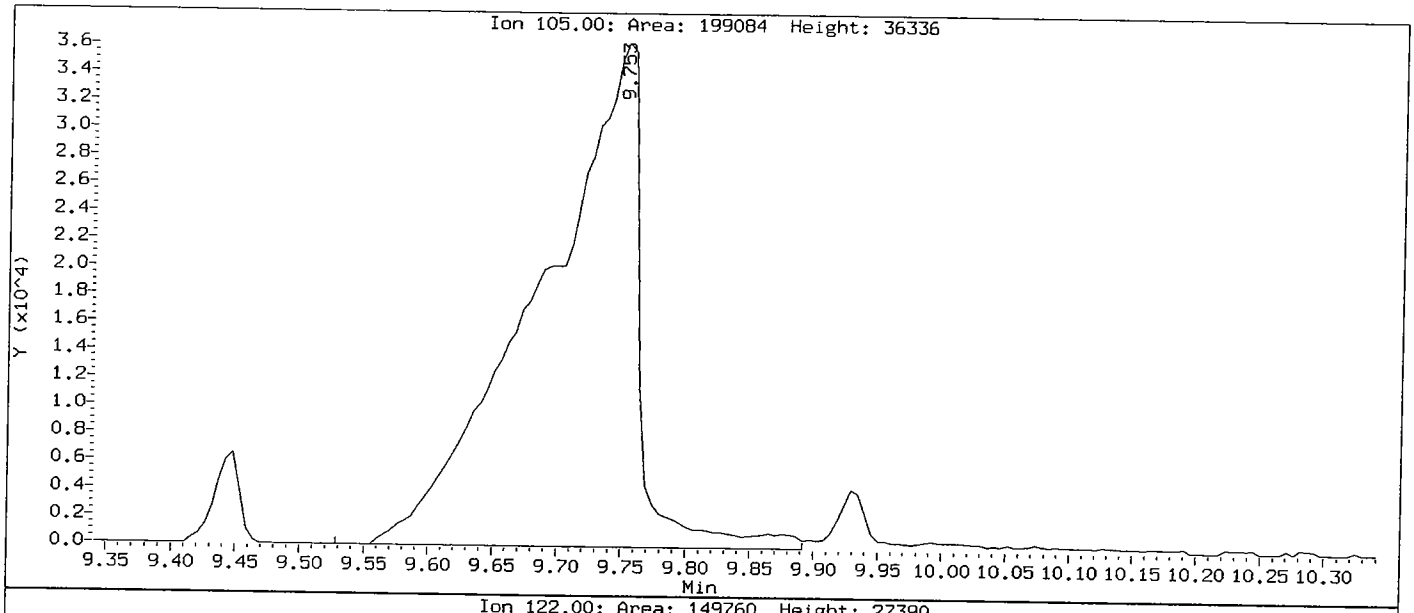
Instrument: nt6.i

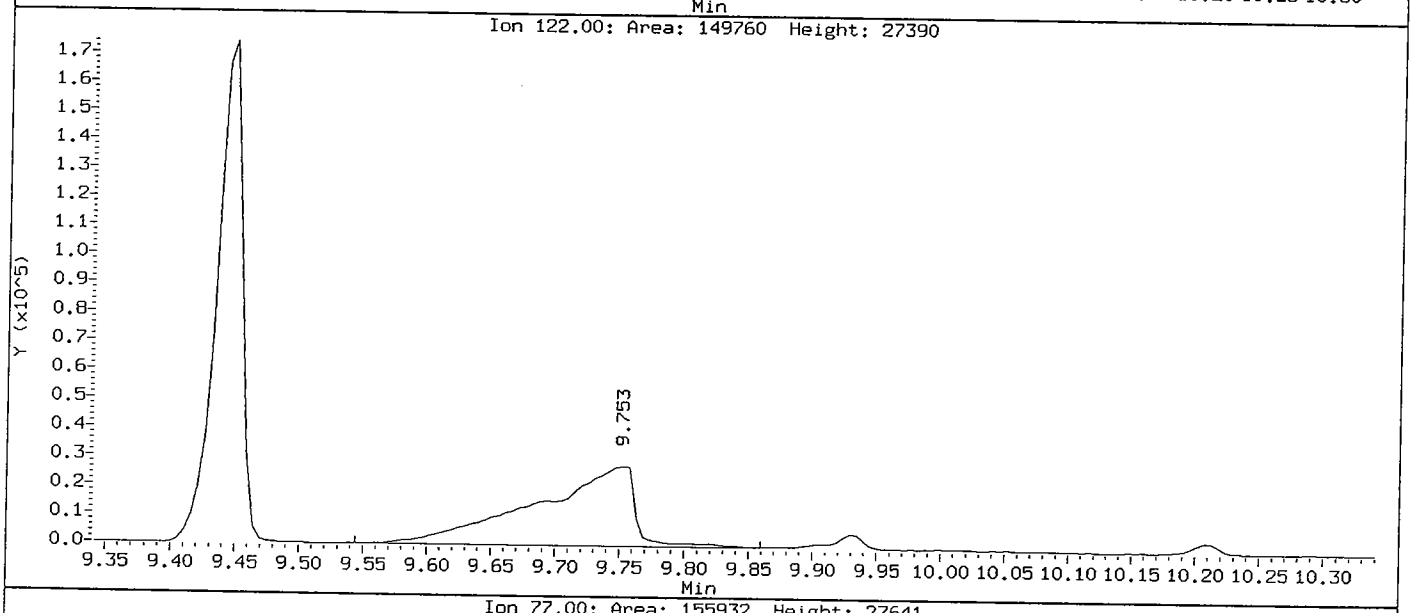
Operator: LJR/VS
Column diameter: 0.32

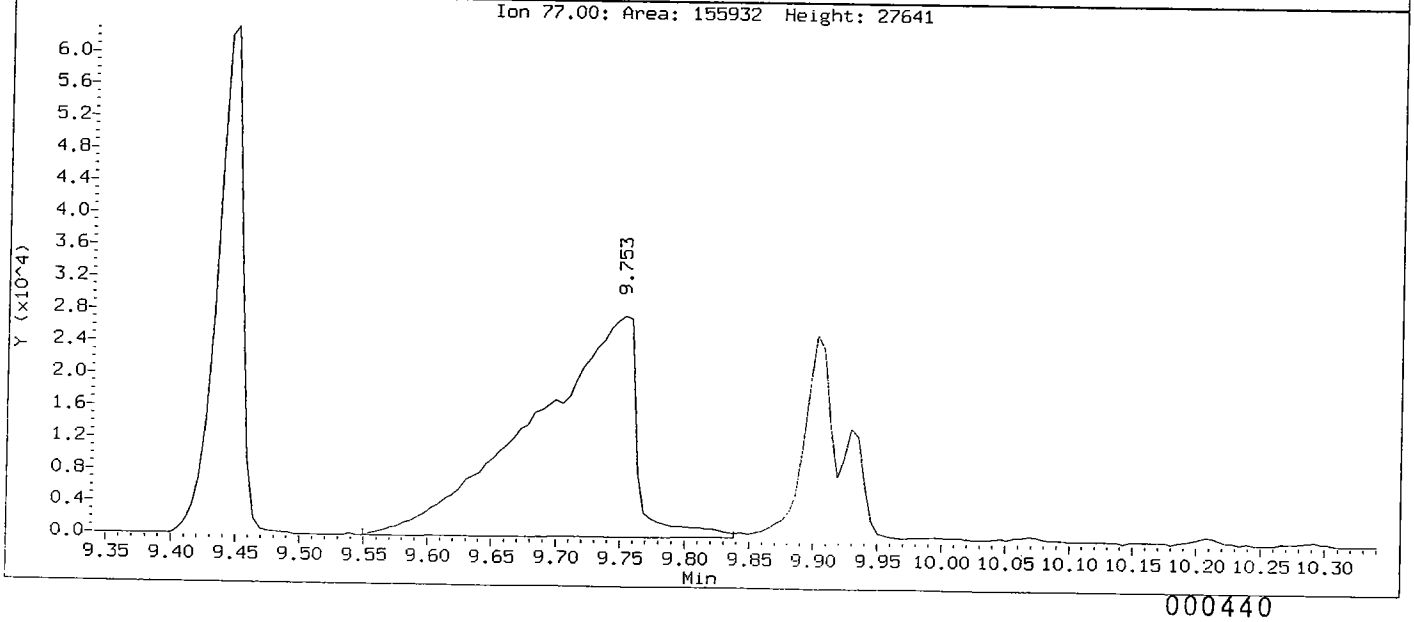


Data File: /chem1/nt6.i/20050718.b/0400718.d
Injection Date: 18-JUL-2005 16:49
Instrument: nt6.i
Client Sample ID:

Compound: Benzoic acid
CAS Number: 65-85-0

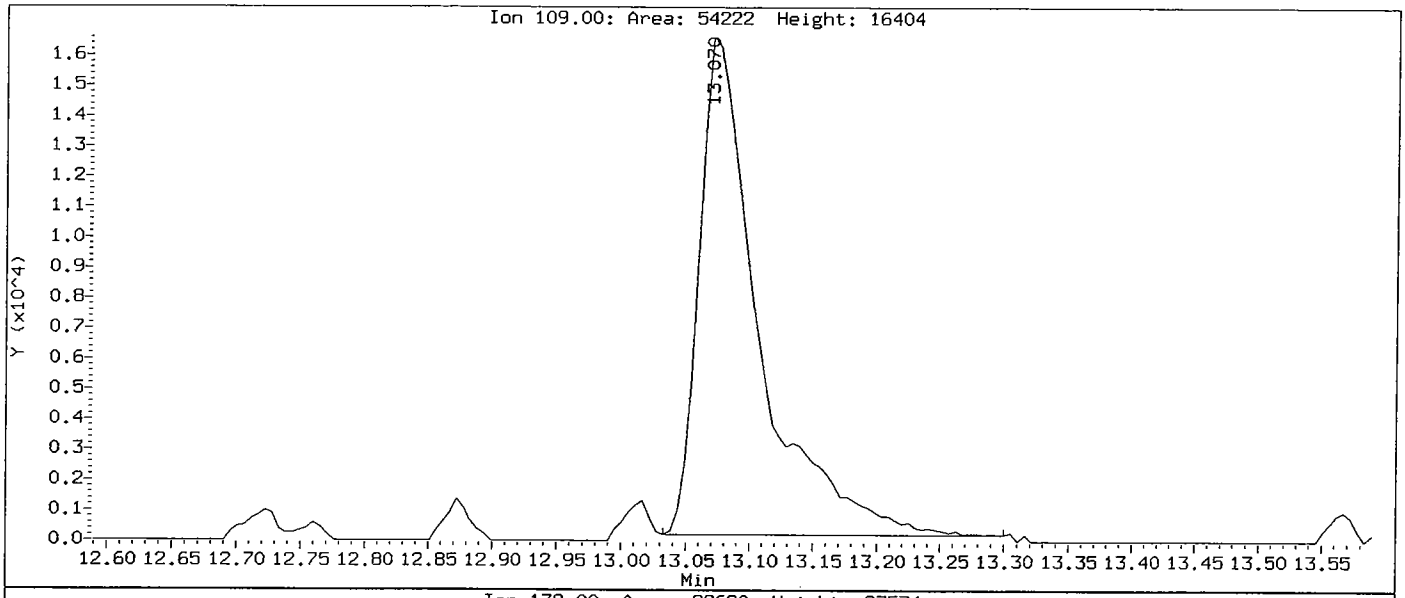


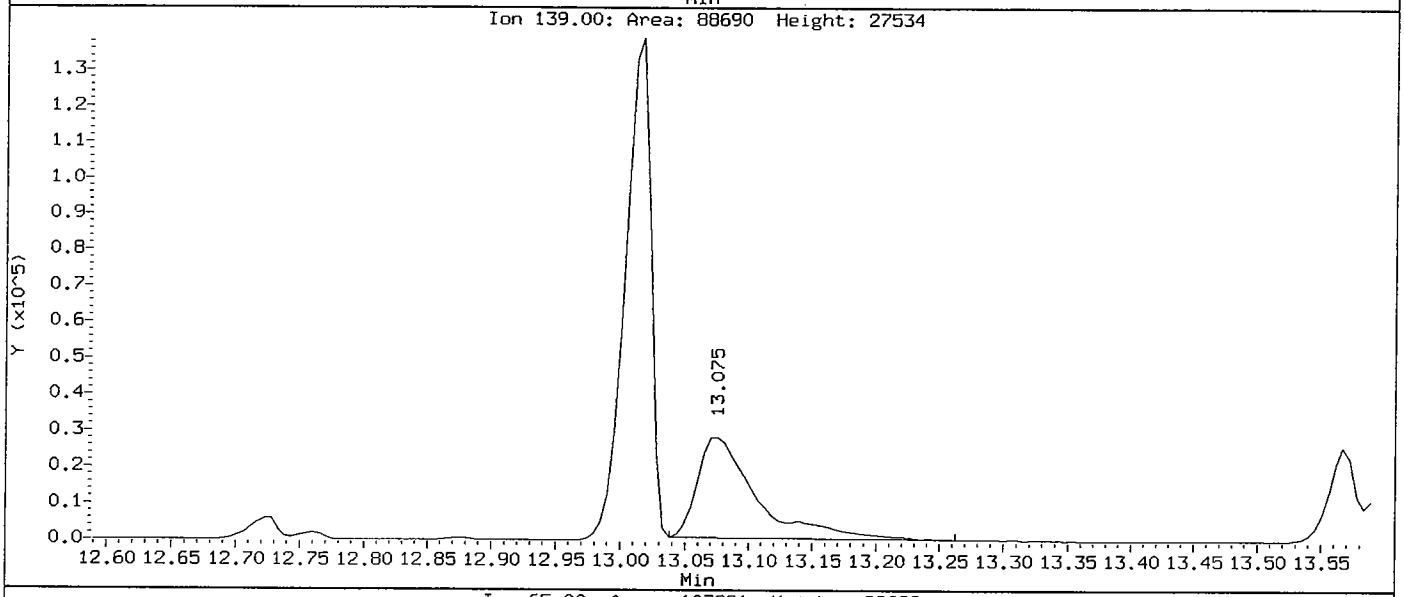


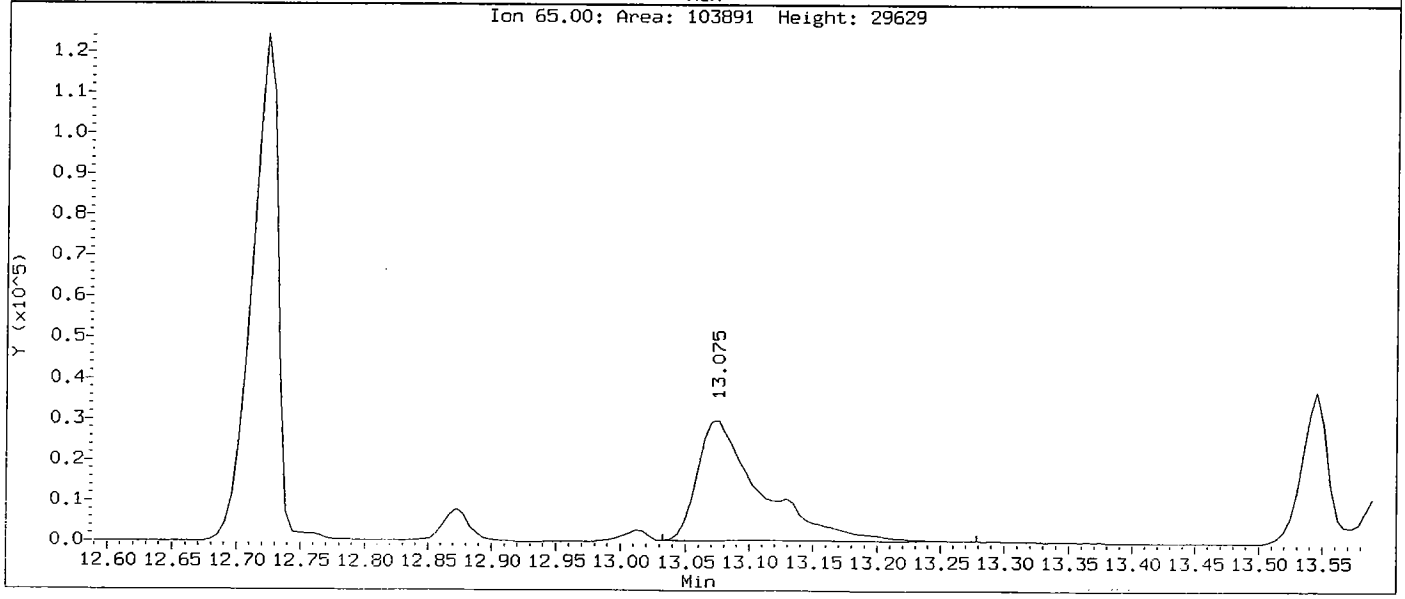


Data File: /chem1/nt6.i/20050718.b/0400718.d
Injection Date: 18-JUL-2005 16:49
Instrument: nt6.i
Client Sample ID:

Compound: 4-Nitrophenol
CAS Number: 100-02-7

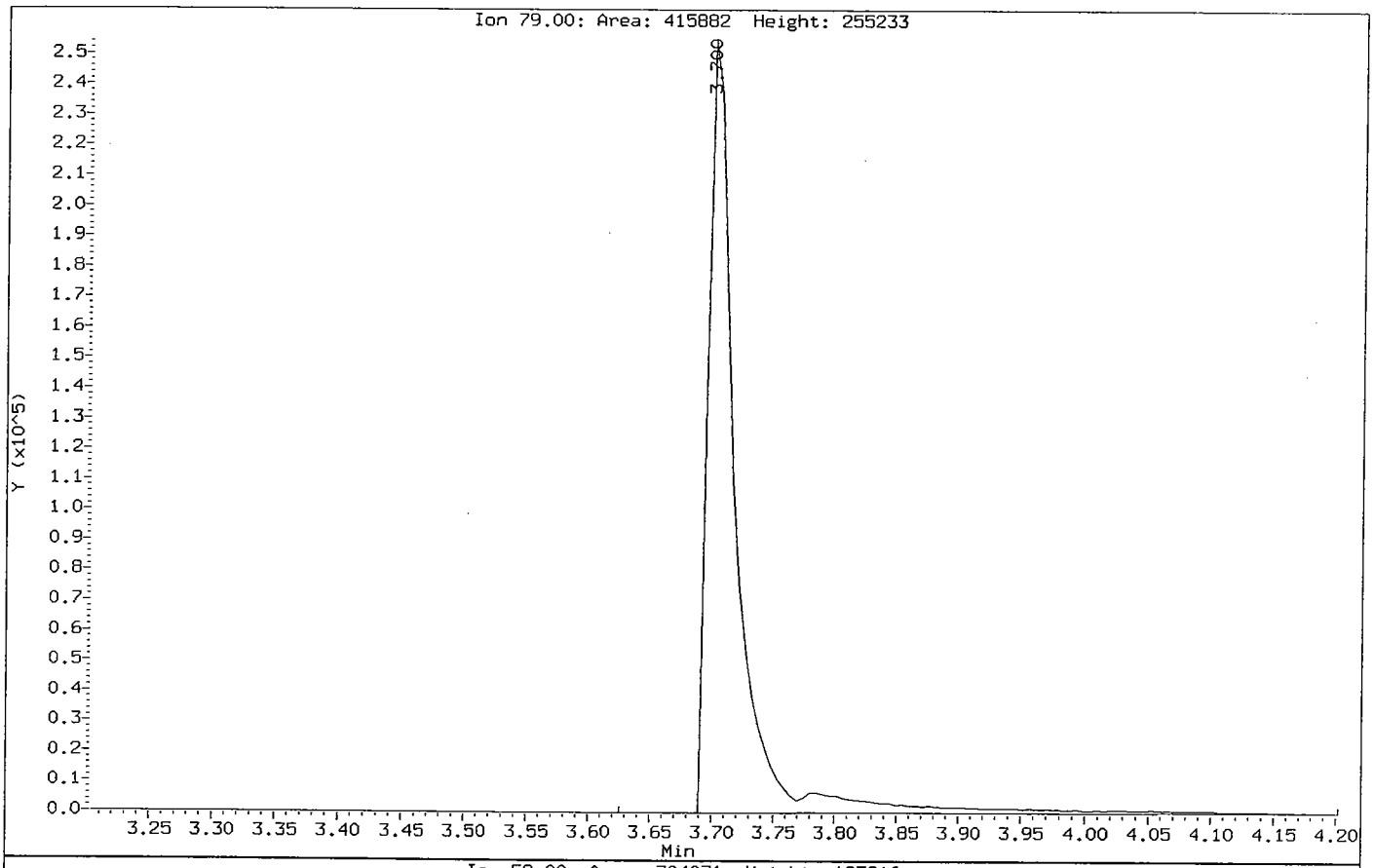


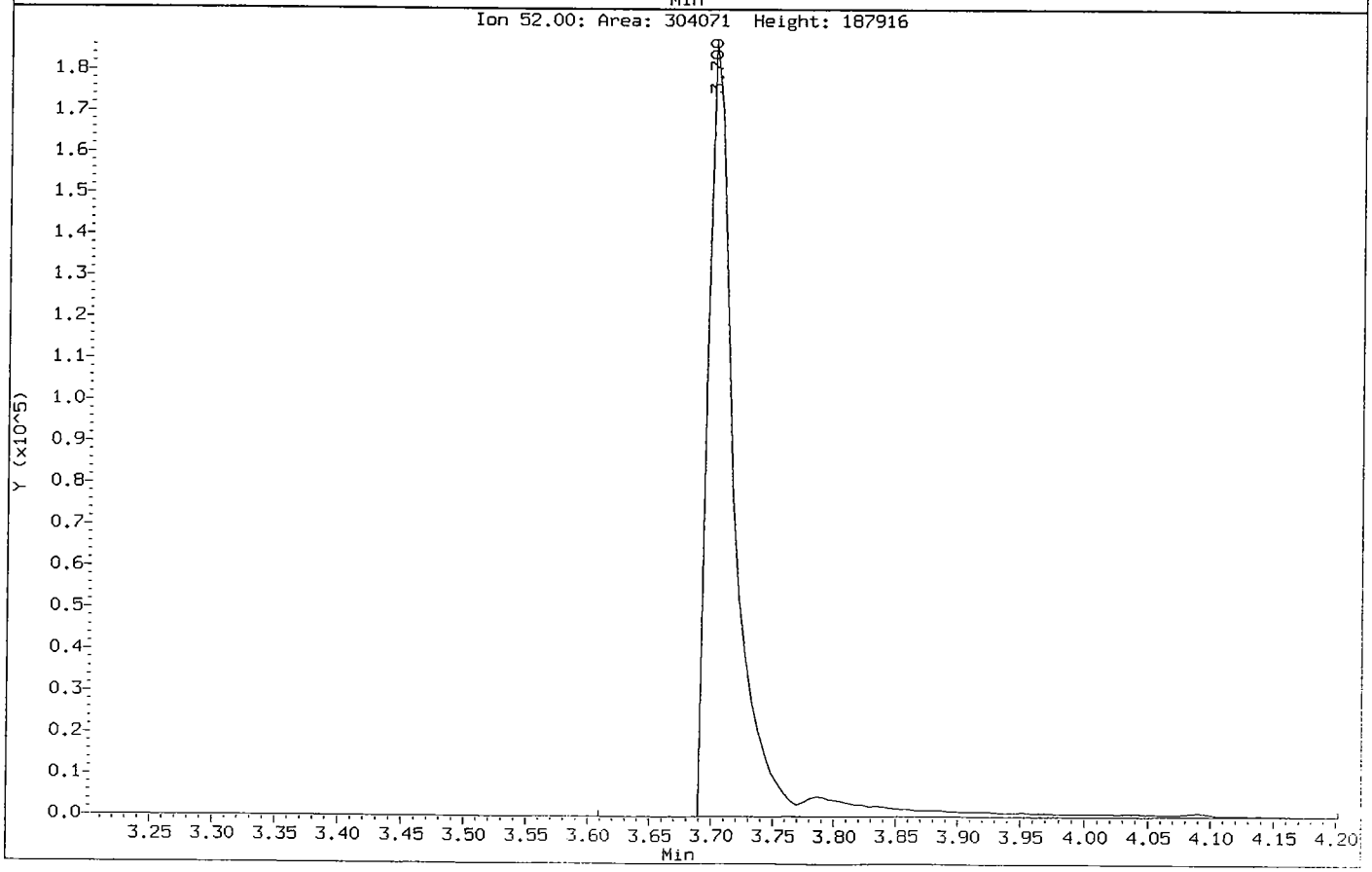




Data File: /chem1/nt6.i/20050718.b/0400718.d
Injection Date: 18-JUL-2005 16:49
Instrument: nt6.i
Client Sample ID:

Compound: Pyridine
CAS Number:





Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem1/nt6.i/20050718.b/0800718.d
Lab Smp Id: ABN 80
Inj Date : 18-JUL-2005 15:41
Operator : LJR/VS Inst ID: nt6.i
Smp Info : ABN 80
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20050718.b/SW846.m
Meth Date : 19-Jul-2005 10:03 jeff Quant Type: ISTD
Cal Date : 18-JUL-2005 15:41 Cal File: 0800718.d
Als bottle: 2 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.937	5.937	(0.756)	553649	80.0000	74.39
$	2 Phenol-d5	99	7.476	7.476	(0.952)	614382	80.0000	71.03
	3 Phenol	94	7.497	7.497	(0.955)	755696	80.0000	77.19
$	5 2-Chlorophenol-d4	132	7.572	7.572	(0.965)	450486	80.0000	65.67
	4 Bis(2-Chloroethyl)ether	93	7.561	7.561	(0.963)	539276	80.0000	65.86
	6 2-Chlorophenol	128	7.593	7.593	(0.967)	518146	80.0000	70.02
	7 1,3-Dichlorobenzene	146	7.791	7.791	(0.992)	538511	80.0000	68.05
*	8 1,4-Dichlorobenzene-d4	152	7.850	7.850	(1.000)	105374	20.0000	
	9 1,4-Dichlorobenzene	146	7.876	7.876	(1.003)	533126	80.0000	66.55
$	10 1,2-Dichlorobenzene-d4	152	8.149	8.149	(1.038)	289499	80.0000	64.78
	12 1,2-Dichlorobenzene	146	8.170	8.170	(1.041)	421497	80.0000	58.81
	11 Benzyl alcohol	108	8.181	8.181	(1.042)	336616	80.0000	68.36
	14 2,2'-oxybis(1-Chloropropane)	45	8.405	8.405	(1.071)	772405	80.0000	61.92
	13 2-Methylphenol	108	8.400	8.400	(1.070)	470014	80.0000	69.66
	17 Hexachloroethane	117	8.635	8.635	(1.100)	179426	80.0000	64.19
	16 N-Nitroso-di-n-propylamine	70	8.662	8.662	(1.103)	410813	80.0000	71.45
	15 4-Methylphenol	108	8.651	8.651	(1.102)	421942	80.0000	63.99
$	18 Nitrobenzene-d5	82	8.806	8.806	(0.891)	653360	80.0000	75.06
	19 Nitrobenzene	77	8.838	8.838	(0.895)	632412	80.0000	72.31
	20 Isophorone	82	9.222	9.222	(0.933)	1181591	80.0000	76.87
	21 2-Nitrophenol	139	9.335	9.335	(0.945)	278792	80.0000	78.28
	22 2,4-Dimethylphenol	107	9.468	9.468	(0.958)	522546	80.0000	73.50
	23 Bis(2-Chloroethoxy)methane	93	9.602	9.602	(0.972)	681556	80.0000	71.08
	24 Benzoic acid	105	9.842	9.842	(0.996)	437098	80.0000	93.63 (M)
	25 2,4-Dichlorophenol	162	9.725	9.725	(0.984)	372236	80.0000	69.52
	26 1,2,4-Trichlorobenzene	180	9.826	9.826	(0.995)	371751	80.0000	64.49
*	27 Naphthalene-d8	136	9.880	9.880	(1.000)	377856	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.917	9.917	(1.004)	1350353	80.0000	62.57
	29 4-Chloroaniline	127	10.083	10.083	(1.021)	619884	80.0000	70.50
	30 Hexachlorobutadiene	225	10.216	10.216	(1.034)	175114	80.0000	64.62
	31 4-Chloro-3-methylphenol	107	10.895	10.895	(1.103)	422924	80.0000	72.94
	32 2-Methylnaphthalene	141	11.023	11.023	(1.116)	700043	80.0000	63.88
	33 Hexachlorocyclopentadiene	237	11.386	11.386	(0.896)	168105	80.0000	90.78
	34 2,4,6-Trichlorophenol	196	11.546	11.546	(0.908)	243101	80.0000	70.78
	35 2,4,5-Trichlorophenol	196	11.605	11.605	(0.913)	257125	80.0000	69.85
$	36 2-Fluorobiphenyl	172	11.669	11.669	(0.918)	868690	80.0000	63.74
	37 2-Chloronaphthalene	162	11.803	11.803	(0.929)	644001	80.0000	57.56
	38 2-Nitroaniline	65	12.065	12.065	(0.949)	344878	80.0000	79.10
	39 Dimethylphthalate	163	12.428	12.428	(0.978)	884513	80.0000	68.04
	40 Acenaphthylene	152	12.470	12.470	(0.981)	1209288	80.0000	62.19
	41 2,6-Dinitrotoluene	165	12.535	12.535	(0.986)	222591	80.0000	75.69
*	42 Acenaphthene-d10	164	12.711	12.711	(1.000)	203187	20.0000	
	43 3-Nitroaniline	138	12.748	12.748	(1.003)	243194	80.0000	76.75
	44 Acenaphthene	153	12.775	12.775	(1.005)	744303	80.0000	60.87
	45 2,4-Dinitrophenol	184	12.914	12.914	(1.016)	95425	80.0000	132.4
	46 Dibenzofuran	168	13.031	13.031	(1.025)	1033002	80.0000	62.94
	47 4-Nitrophenol	109	13.090	13.090	(1.030)	135835	80.0000	98.40 (M)
	48 2,4-Dinitrotoluene	165	13.154	13.154	(1.035)	282213	80.0000	76.41
	50 Diethylphthalate	149	13.566	13.566	(1.067)	735645	80.0000	60.74
	49 Fluorene	166	13.582	13.582	(1.068)	738393	80.0000	55.98
	51 4-Chlorophenyl-phenylether	204	13.608	13.608	(1.071)	353662	80.0000	59.75
	52 4-Nitroaniline	138	13.774	13.774	(1.084)	265049	80.0000	81.20
	53 4,6-Dinitro-2-methylphenol	198	13.811	13.811	(0.917)	148046	80.0000	100.8
	54 N-Nitrosodiphenylamine	169	13.838	13.838	(0.918)	458522	80.0000	63.48
$	55 2,4,6-Tribromophenol	330	14.014	14.014	(1.103)	99629	80.0000	72.90
	56 4-Bromophenyl-phenylether	248	14.383	14.383	(0.955)	200879	80.0000	65.72
	57 Hexachlorobenzene	284	14.602	14.602	(0.969)	200877	80.0000	64.91
	58 Pentachlorophenol	266	14.917	14.917	(0.990)	142306	80.0000	90.38
*	59 Phenanthrene-d10	188	15.067	15.067	(1.000)	276488	20.0000	
	60 Phenanthrene	178	15.120	15.120	(1.004)	969368	80.0000	59.98
	61 Anthracene	178	15.190	15.190	(1.008)	1083057	80.0000	63.29
	62 Carbazole	167	15.494	15.494	(1.028)	1059995	80.0000	67.31
	63 Di-n-butylphthalate	149	16.178	16.178	(1.074)	1242221	80.0000	66.58
	64 Fluoranthene	202	17.043	17.043	(1.131)	1078287	80.0000	64.83
	65 Pyrene	202	17.396	17.396	(0.898)	1111185	80.0000	76.94
$	66 Terphenyl-d14	244	17.706	17.706	(0.914)	687141	80.0000	76.69
	67 Butylbenzylphthalate	149	18.582	18.582	(0.960)	560961	80.0000	80.54
	68 Benzo(a)anthracene	228	19.340	19.340	(0.999)	959196	80.0000	76.26
*	69 Chrysene-d12	240	19.362	19.362	(1.000)	166620	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.373	19.373	(1.001)	343451	80.0000	77.90
	71 Chrysene	228	19.415	19.415	(1.003)	869414	80.0000	71.37
	72 bis(2-Ethylhexyl)phthalate	149	19.543	19.543	(0.955)	773052	80.0000	72.94
*	134 Di-n-octylphthalate-d4	153	20.473	20.473	(1.000)	362853	20.0000	
	73 Di-n-octylphthalate	149	20.489	20.489	(1.001)	1290844	80.0000	67.76

	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	21.002	21.002	(0.976)	1332673	80.0000	71.99
	75 Benzo(k)fluoranthene	252	21.034	21.034	(0.978)	906266	80.0000	50.57(MH)
	76 Benzo(a)pyrene	252	21.456	21.456	(0.998)	1049215	80.0000	64.43
*	77 Perylene-d12	264	21.509	21.509	(1.000)	266118	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	23.000	23.000	(1.069)	1234504	80.0000	88.79
	79 Dibenzo(a,h)anthracene	278	23.043	23.043	(1.071)	922582	80.0000	88.03
	80 Benzo(g,h,i)perylene	276	23.422	23.422	(1.089)	1083627	80.0000	87.29
	90 N-Nitrosodimethylamine	74	3.774	3.774	(0.481)	435246	80.0000	77.31
	103 Pyridine	79	3.704	3.704	(0.472)	824695	80.0000	78.89(M)
	91 Aniline	93	7.438	7.438	(0.948)	923556	80.0000	72.47
	105 1-methylnaphthalene	141	11.194	11.194	(1.133)	713001	80.0000	64.16
	93 Benzidine	184	17.316	17.316	(0.894)	426878	80.0000	72.98
	98 Retene	219	17.936	17.936	(0.926)	355153	80.0000	78.80
	111 Azobenzene (1,2-DP-Hydrazine)	77	13.859	13.859	(1.090)	1118627	80.0000	70.34
	144 alpha-Terpineol	59	9.949	9.949	(1.007)	318155	80.0000	74.17
	143 1,4-Dioxane	58	3.186	3.186	(0.406)	198508	80.0000	75.09
$	145 d8-1,4-Dioxane	96	3.138	3.138	(0.400)	304568	80.0000	73.01
	133 Butylatedhydroxytoluene	205	12.887	12.887	(1.014)	546448	80.0000	58.76
	115 Tributyl Phosphate	99	13.961	13.961	(0.927)	1031925	80.0000	69.77(M)
	116 Dibutyl Phenyl Phosphate	175	15.633	15.633	(1.038)	600803	80.0000	71.02
	117 Butyl Diphenyl Phosphate	94	17.300	17.300	(0.893)	231776	80.0000	84.86
	118 Triphenyl Phosphate	326	18.897	18.897	(0.976)	182865	80.0000	80.78

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: 0800718.d
Lab Smp Id: ABN 80
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VS
Method File: /chem1/nt6.i/20050718.b/SW846.m
Misc Info:

Calibration Date: 18-JUL-2005
Calibration Time: 15:03

Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	99236	49618	198472	105374	6.19
27 Naphthalene-d8	351454	175727	702908	377856	7.51
42 Acenaphthene-d10	182658	91329	365316	203187	11.24
59 Phenanthrene-d10	260034	130017	520068	276488	6.33
69 Chrysene-d12	179938	89969	359876	166620	-7.40
134 Di-n-octylphthala	368961	184480	737922	362853	-1.66
77 Perylene-d12	233857	116928	467714	266118	13.80

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.84	7.34	8.34	7.85	0.11
27 Naphthalene-d8	9.87	9.37	10.37	9.88	0.09
42 Acenaphthene-d10	12.70	12.20	13.20	12.71	0.07
59 Phenanthrene-d10	15.06	14.56	15.56	15.07	0.06
69 Chrysene-d12	19.34	18.84	19.84	19.36	0.10
134 Di-n-octylphthala	20.46	19.96	20.96	20.47	0.07
77 Perylene-d12	21.49	20.99	21.99	21.51	0.09

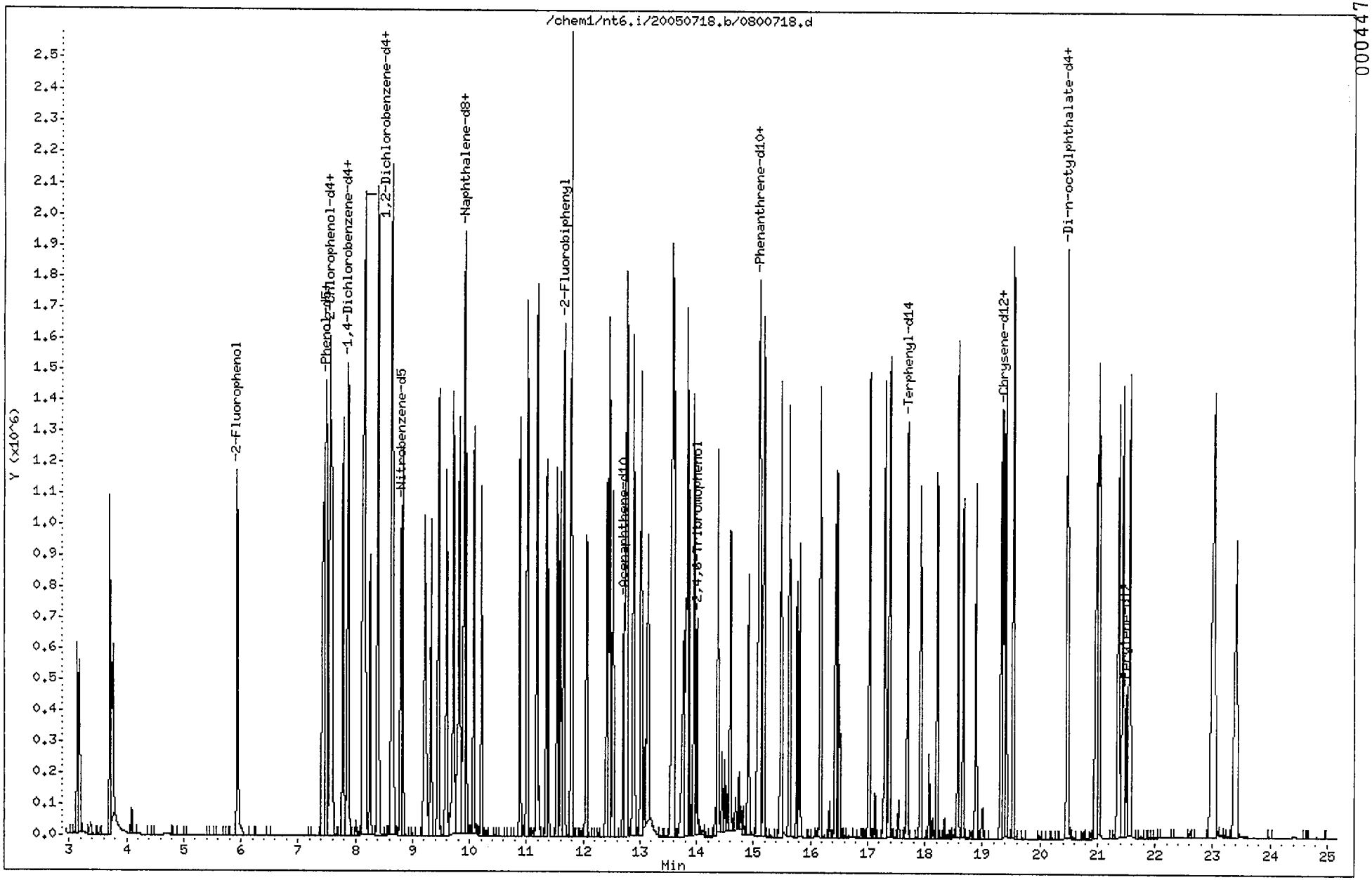
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20050718.b/0800718.d
Date : 18-JUL-2005 15:41
Client ID:
Sample Info: ABN 80

Instrument: nt6.i

Operator: LJR/VS
Column diameter: 0.32

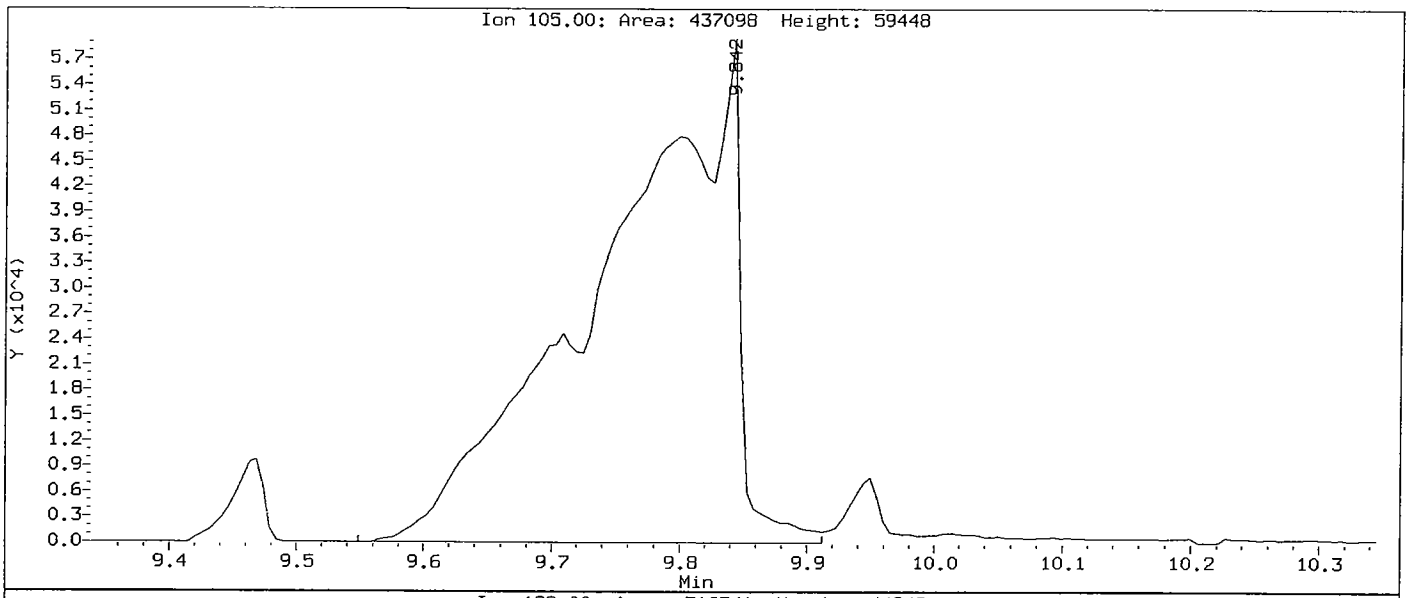
Column phase: RTX-5

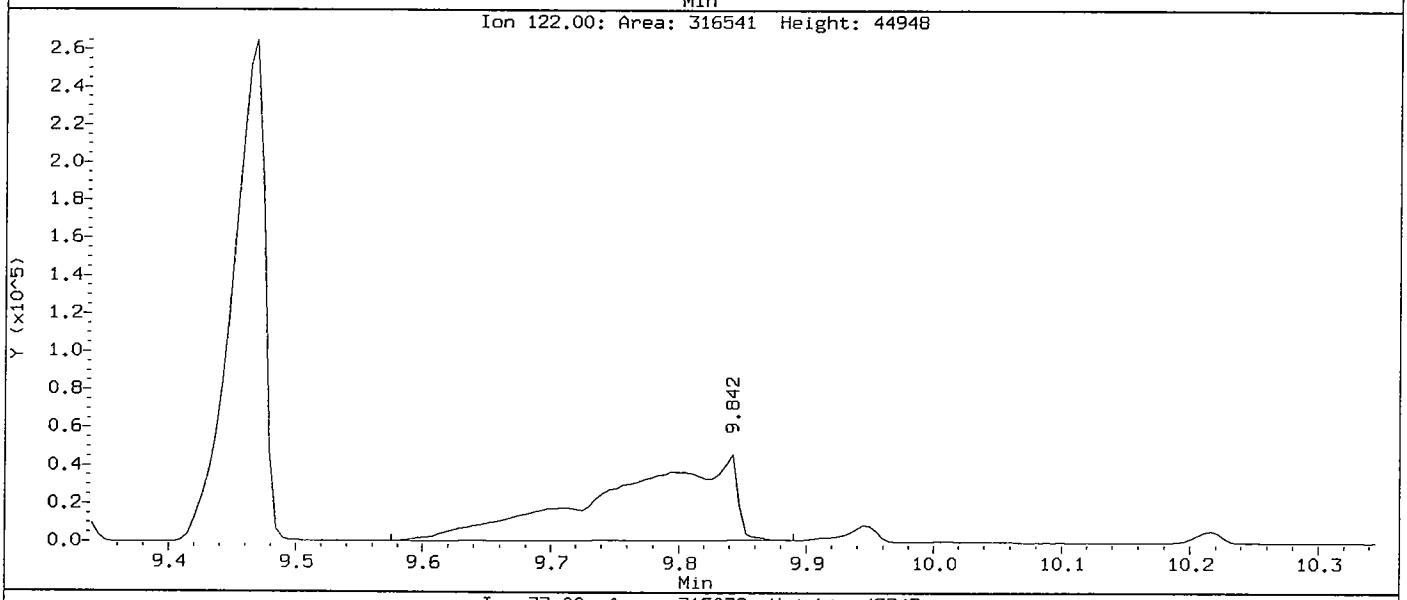


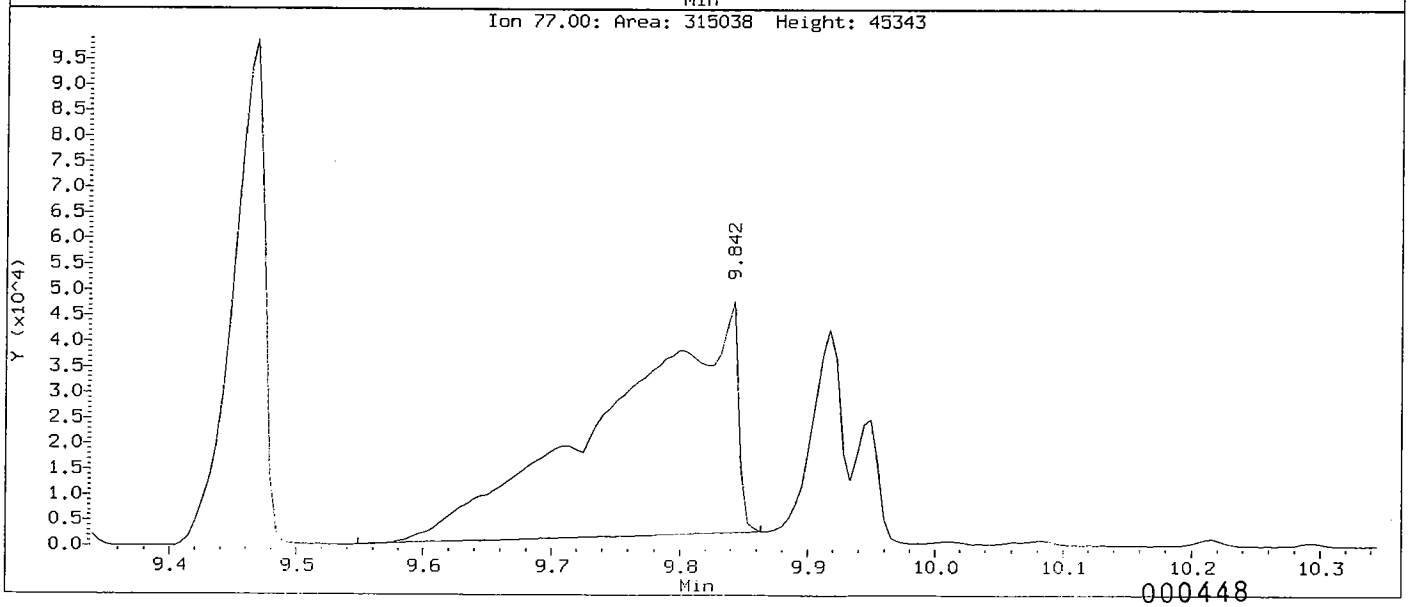
000447

Data File: /chem1/nt6.i/20050718.b/0800718.d
Injection Date: 18-JUL-2005 15:41
Instrument: nt6.i
Client Sample ID:

Compound: Benzoic acid
CAS Number: 65-85-0

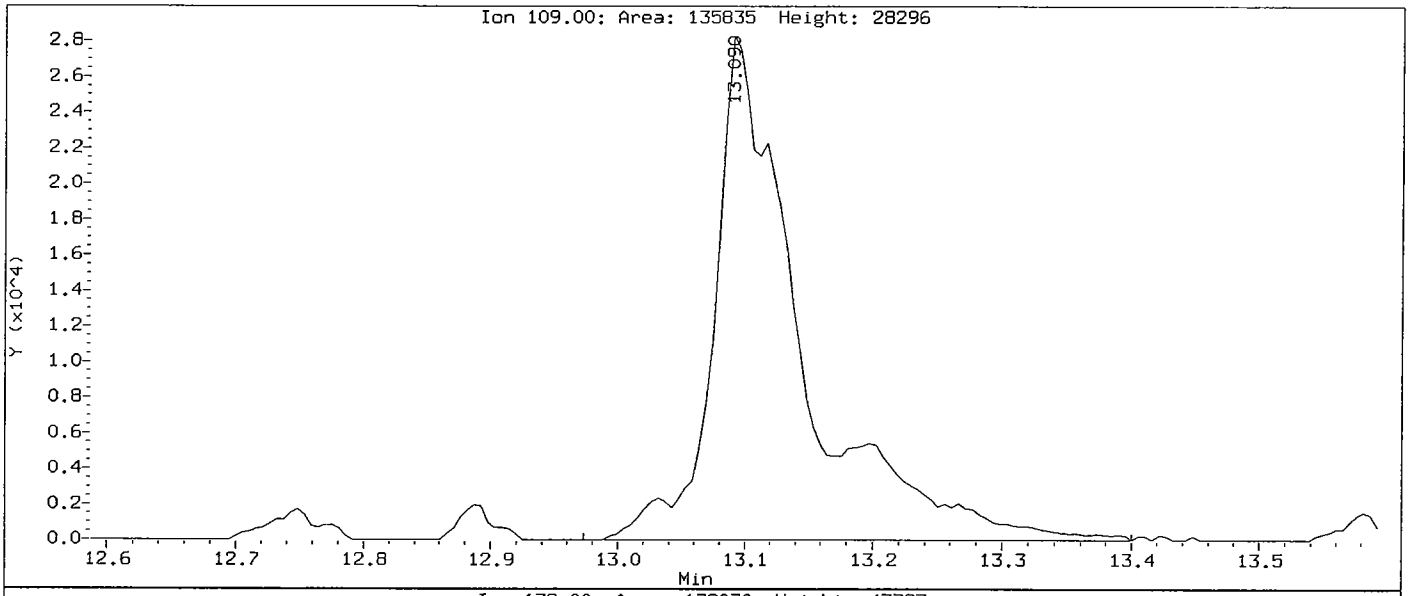


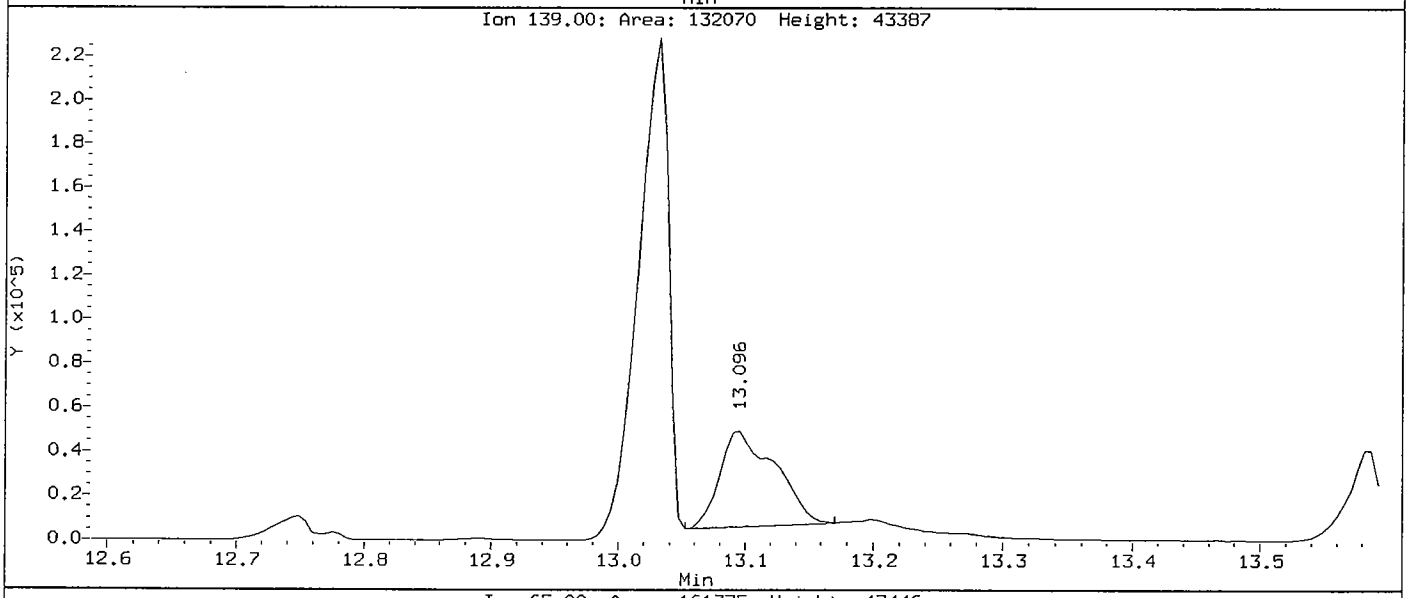


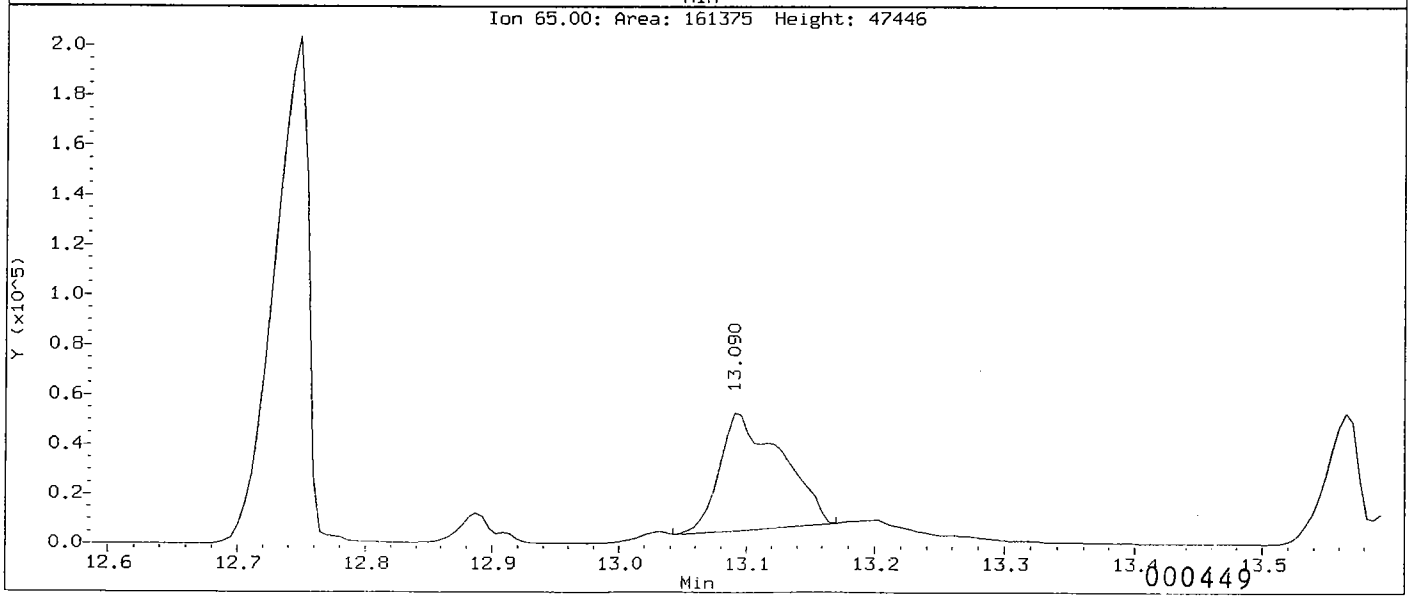


Data File: /chem1/nt6.i/20050718.b/0800718.d
Injection Date: 18-JUL-2005 15:41
Instrument: nt6.i
Client Sample ID:

Compound: 4-Nitrophenol
CAS Number: 100-02-7

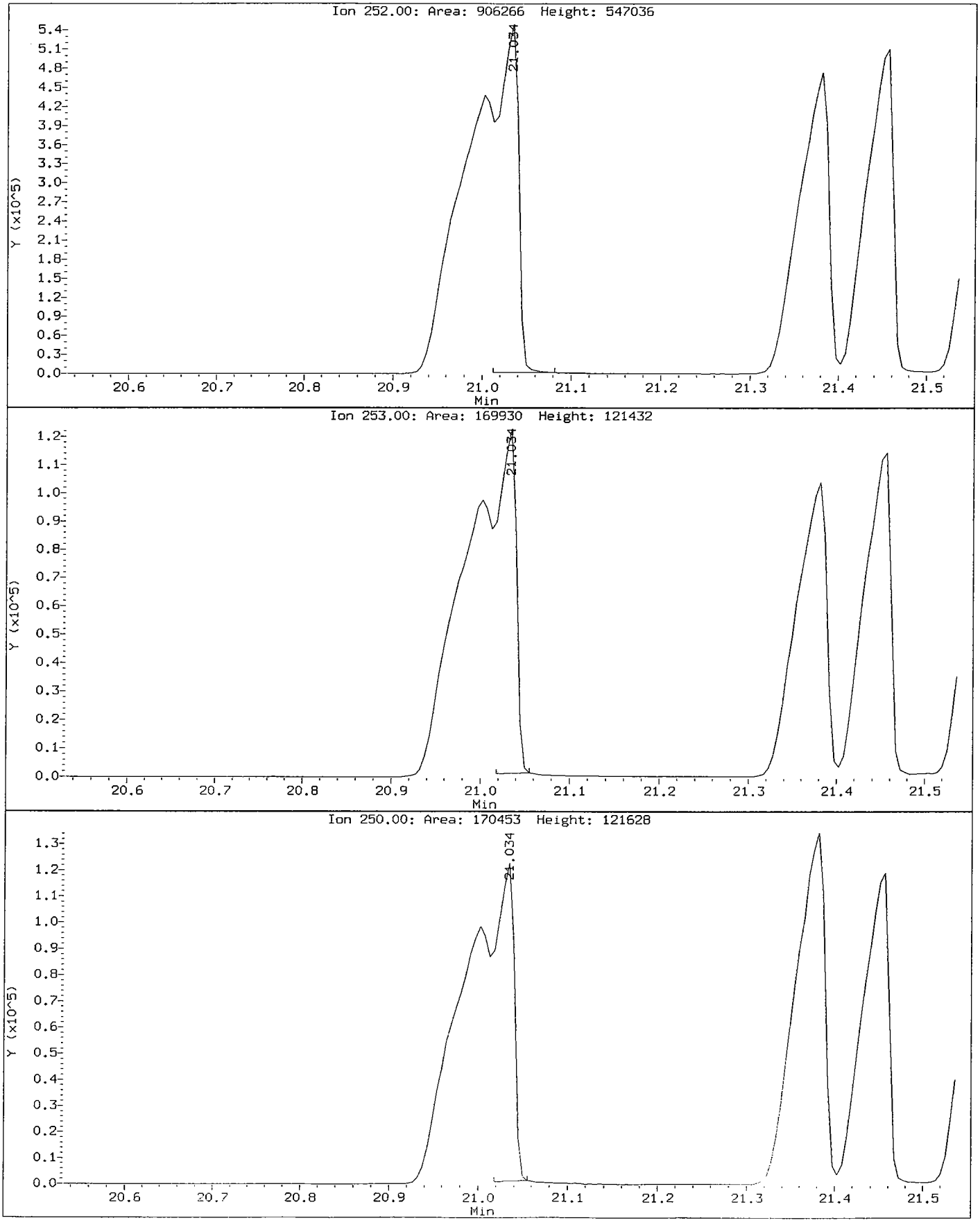






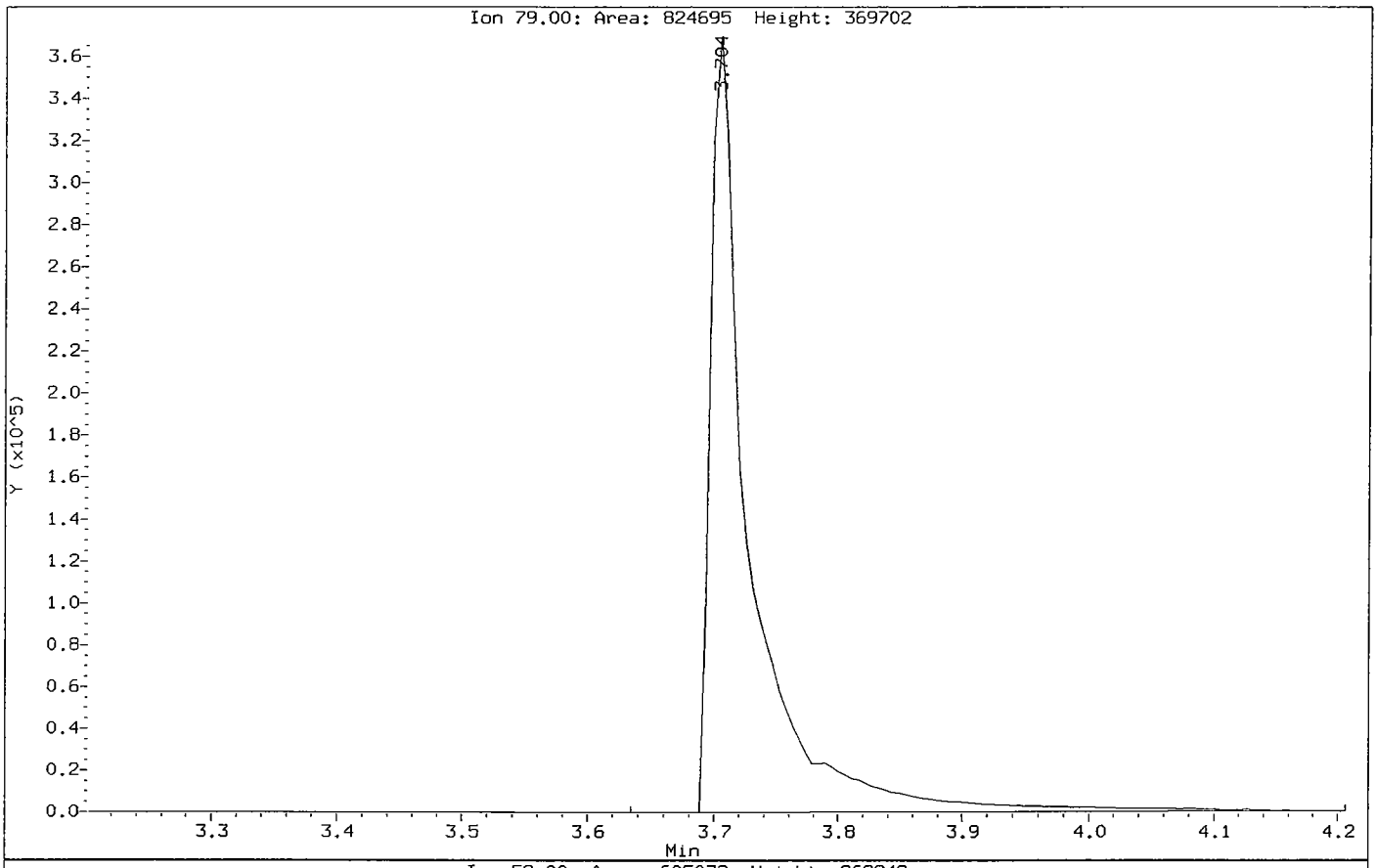
Data File: /chem1/nt6.i/20050718.b/0800718.d
Injection Date: 18-JUL-2005 15:41
Instrument: nt6.i
Client Sample ID:

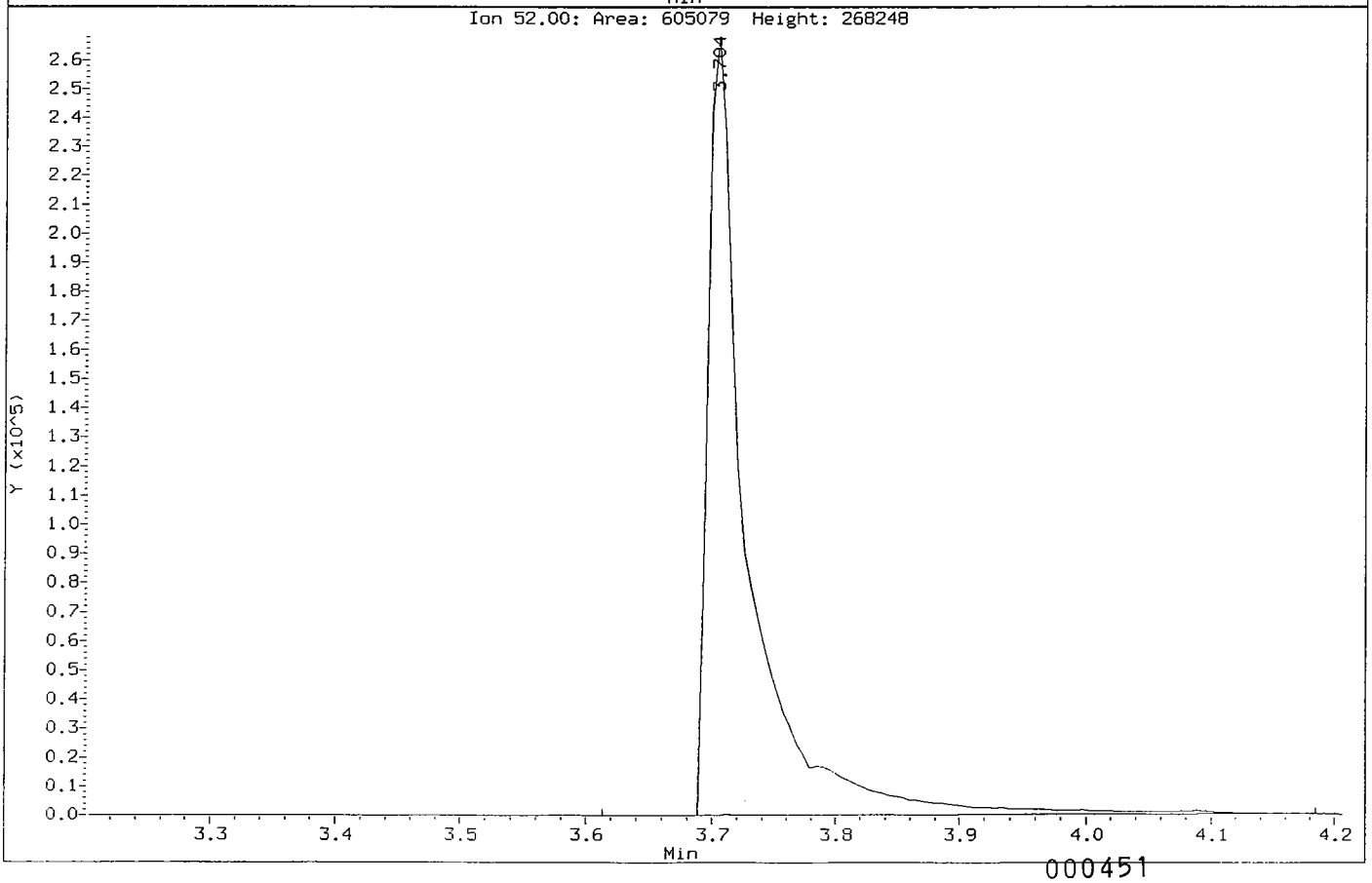
Compound: Benzo(k)fluoranthene
CAS Number: 207-08-9



Data File: /chem1/nt6.i/20050718.b/0800718.d
Injection Date: 18-JUL-2005 15:41
Instrument: nt6.i
Client Sample ID:

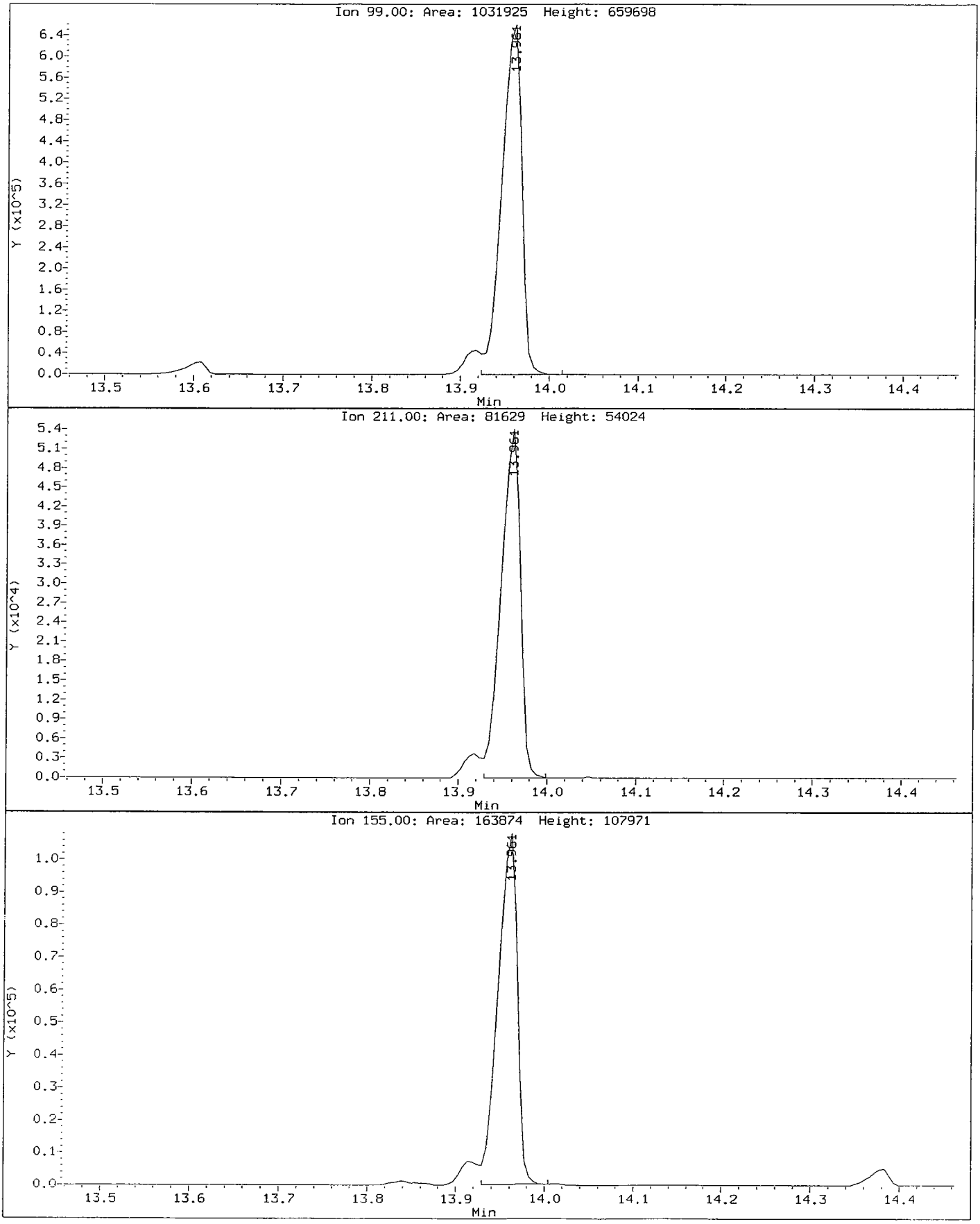
Compound: Pyridine
CAS Number:





Data File: /chem1/nt6.i/20050718.b/0800718.d
Injection Date: 18-JUL-2005 15:41
Instrument: nt6.i
Client Sample ID:

Compound: Tributyl Phosphate
CAS Number:



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem1/nt6.i/20050718.b/icv0718.d
Lab Smp Id: ABN ICV
Inj Date : 18-JUL-2005 18:31
Operator : LJR/VS
Inst ID: nt6.i
Smp Info : ABN ICV
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20050718.b/SW846.m
Meth Date : 19-Jul-2005 10:03 jeff
Quant Type: ISTD
Cal Date : 18-JUL-2005 15:41
Cal File: 0800718.d
Als bottle: 7
QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: ICV.sub
Target Version: 3.50

LJR 7/19/05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)
	3 Phenol	94	7.460	7.497	(0.952)	249841	27.9623	27.96
	4 Bis(2-Chloroethyl)ether	93	7.535	7.561	(0.961)	199316	26.6725	26.67
	6 2-Chlorophenol	128	7.572	7.593	(0.966)	191215	28.3137	28.31
	7 1,3-Dichlorobenzene	146	7.775	7.791	(0.992)	190766	26.4143	26.41
*	8 1,4-Dichlorobenzene-d4	152	7.839	7.850	(1.000)	96165	20.0000	
	9 1,4-Dichlorobenzene	146	7.861	7.876	(1.003)	190998	26.1257	26.13
	11 Benzyl alcohol	108	8.144	8.181	(1.039)	117533	26.1528	26.15
	12 1,2-Dichlorobenzene	146	8.154	8.170	(1.040)	174750	27.4254	27.43
	13 2-Methylphenol	108	8.379	8.400	(1.069)	166728	27.0779	27.08
	14 2,2'-oxybis(1-Chloropropane)	45	8.384	8.405	(1.069)	300874	26.4278	26.43
	15 4-Methylphenol	108	8.614	8.651	(1.099)	165376	27.4825	27.48
	16 N-Nitroso-di-n-propylamine	70	8.614	8.662	(1.099)	134826	25.6953	25.70
	17 Hexachloroethane	117	8.630	8.635	(1.101)	69503	27.2447	27.24
	19 Nitrobenzene	77	8.806	8.838	(0.892)	208133	25.9424	25.94
	20 Isophorone	82	9.185	9.222	(0.931)	374202	26.5375	26.54
	21 2-Nitrophenol	139	9.319	9.335	(0.944)	92619	28.3512	28.35
	22 2,4-Dimethylphenol	107	9.437	9.468	(0.956)	179015	27.4491	27.45
	23 Bis(2-Chloroethoxy)methane	93	9.581	9.602	(0.971)	217914	24.7761	24.78
	24 Benzoic acid	105	9.714	9.842	(0.984)	114018	26.6256	26.63
	25 2,4-Dichlorophenol	162	9.698	9.725	(0.983)	135103	27.5086	27.51
	26 1,2,4-Trichlorobenzene	180	9.811	9.826	(0.994)	136667	25.8474	25.85
*	27 Naphthalene-d8	136	9.869	9.880	(1.000)	346612	20.0000	
	28 Naphthalene	128	9.896	9.917	(1.003)	494098	24.9581	24.96
	29 4-Chloroaniline	127	10.062	10.083	(1.019)	200205	24.8215	24.82
	30 Hexachlorobutadiene	225	10.206	10.216	(1.034)	63858	25.6880	25.69
	31 4-Chloro-3-methylphenol	107	10.874	10.895	(1.102)	152311	28.6369	28.64
	32 2-Methylnaphthalene	141	11.007	11.023	(1.115)	247827	24.6514	24.65

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/mL)
	33 Hexachlorocyclopentadiene	237	11.376	11.386	(0.896)	48270	29.2815	29.28
	34 2,4,6-Trichlorophenol	196	11.525	11.546	(0.907)	86308	28.2286	28.23
	35 2,4,5-Trichlorophenol	196	11.589	11.605	(0.912)	93183	28.4356	28.44
	37 2-Chloronaphthalene	162	11.776	11.803	(0.927)	277121	30.6220	30.62
	38 2-Nitroaniline	65	12.038	12.065	(0.948)	103563	26.6836	26.68
	39 Dimethylphthalate	163	12.401	12.428	(0.976)	296705	25.6387	25.64
	40 Acenaphthylene	152	12.450	12.470	(0.980)	435961	25.1866	25.19
	41 2,6-Dinitrotoluene	165	12.508	12.535	(0.985)	72372	27.6458	27.65
*	42 Acenaphthene-d10	164	12.701	12.711	(1.000)	180878	20.0000	
	43 3-Nitroaniline	138	12.717	12.748	(1.001)	75586	26.7957	26.80
	44 Acenaphthene	153	12.754	12.775	(1.004)	270462	24.8476	24.85
	45 2,4-Dinitrophenol	184	12.877	12.914	(1.014)	18729	26.7519	26.75
	46 Dibenzofuran	168	13.010	13.031	(1.024)	377568	25.8405	25.84
	47 4-Nitrophenol	109	13.064	13.090	(1.029)	36902	30.0293	30.03
	48 2,4-Dinitrotoluene	165	13.123	13.154	(1.033)	93821	28.5339	28.53
	49 Fluorene	166	13.561	13.582	(1.068)	297473	26.0358	26.04
	50 Diethylphthalate	149	13.539	13.566	(1.066)	277821	25.7676	25.77
	51 4-Chlorophenyl-phenylether	204	13.587	13.608	(1.070)	134975	25.6174	25.62
	52 4-Nitroaniline	138	13.716	13.774	(1.080)	79503	27.3605	27.36
	53 4,6-Dinitro-2-methylphenol	198	13.769	13.811	(0.914)	38643	28.1027	28.10
	54 N-Nitrosodiphenylamine	169	13.806	13.838	(0.917)	225893	33.4090	33.41(R)
	56 4-Bromophenyl-phenylether	248	14.362	14.383	(0.954)	70234	24.5479	24.55
	57 Hexachlorobenzene	284	14.581	14.602	(0.968)	73210	25.2700	25.27
	58 Pentachlorophenol	266	14.891	14.917	(0.989)	44295	30.0508	30.05
*	59 Phenanthrene-d10	188	15.056	15.067	(1.000)	258824	20.0000	
	60 Phenanthrene	178	15.094	15.120	(1.002)	388929	28.7126	28.71
	61 Anthracene	178	15.163	15.190	(1.007)	390093	24.3529	24.35
	62 Carbazole	167	15.463	15.494	(1.027)	383023	25.9813	25.98
	63 Di-n-butylphthalate	149	16.162	16.178	(1.073)	454797	26.0394	26.04
	64 Fluoranthene	202	17.017	17.043	(1.130)	380821	24.4578	24.46
	65 Pyrene	202	17.370	17.396	(0.898)	403677	25.3706	25.37
	67 Butylbenzylphthalate	149	18.561	18.582	(0.960)	198947	25.9288	25.93
	68 Benzo(a)anthracene	228	19.314	19.340	(0.999)	354545	25.5878	25.59
*	69 Chrysene-d12	240	19.341	19.362	(1.000)	183559	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.346	19.373	(1.000)	117958	24.2842	24.28
	71 Chrysene	228	19.384	19.415	(1.002)	327127	24.3769	24.38
	72 bis(2-Ethylhexyl)phthalate	149	19.528	19.543	(0.955)	288820	26.3668	26.37
*	134 Di-n-octylphthalate-d4	153	20.452	20.473	(1.000)	375005	20.0000	
	73 Di-n-octylphthalate	149	20.468	20.489	(1.001)	481236	24.4434	24.44
	74 Benzo(b)fluoranthene	252	20.960	21.002	(0.975)	396257	24.8432	24.84(H)
	75 Benzo(k)fluoranthene	252	20.997	21.034	(0.977)	378493	25.4111	25.41
	76 Benzo(a)pyrene	252	21.408	21.456	(0.996)	349037	24.8767	24.88
*	77 Perylene-d12	264	21.488	21.509	(1.000)	229280	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	22.958	23.000	(1.068)	355332	25.2453	25.25
	79 Dibenzo(a,h)anthracene	278	22.984	23.043	(1.070)	283264	25.4929	25.49
	80 Benzo(g,h,i)perylene	276	23.358	23.422	(1.087)	311739	24.6344	24.63
	103 Pyridine	79	3.704	3.704	(0.473)	185506	19.4459	19.45

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)
90 N-Nitrosodimethylamine	74	3.747	3.774	(0.478)	130486	25.3959	25.40
91 Aniline	93	7.417	7.438	(0.946)	264517	22.7432	22.74
105 1-methylnaphthalene	141	11.178	11.194	(1.133)	242899	23.8275	23.83
111 Azobenzene (1,2-DP-Hydrazine)	77	13.838	13.859	(1.090)	407622	28.7938	28.79
93 Benzidine	184	17.290	17.316	(0.894)	47731	7.40759	7.408 (R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: icv0718.d
Lab Smp Id: ABN ICV
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VS
Method File: /chem1/nt6.i/20050718.b/SW846.m
Misc Info:

Calibration Date: 18-JUL-2005
Calibration Time: 15:03

Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	99236	49618	198472	96165	-3.09
27 Naphthalene-d8	351454	175727	702908	346612	-1.38
42 Acenaphthene-d10	182658	91329	365316	180878	-0.97
59 Phenanthrene-d10	260034	130017	520068	258824	-0.47
69 Chrysene-d12	179938	89969	359876	183559	2.01
134 Di-n-octylphthala	368961	184480	737922	375005	1.64
77 Perylene-d12	233857	116928	467714	229280	-1.96

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.84	7.34	8.34	7.84	-0.02
27 Naphthalene-d8	9.87	9.37	10.37	9.87	-0.02
42 Acenaphthene-d10	12.70	12.20	13.20	12.70	-0.01
59 Phenanthrene-d10	15.06	14.56	15.56	15.06	-0.01
69 Chrysene-d12	19.34	18.84	19.84	19.34	-0.01
134 Di-n-octylphthala	20.46	19.96	20.96	20.45	-0.03
77 Perylene-d12	21.49	20.99	21.99	21.49	-0.01

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

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Client SDG: 20050718
Sample Matrix: NONE Fraction: SV
Lab Smp Id: ABN ICV
Level: Operator: LJR/VS
Data Type: MS DATA SampleType: LCS
SpikeList File: ICV.spk Quant Type: ISTD
Sublist File: ICV.sub
Method File: /chem1/nt6.i/20050718.b/SW846.m
Misc Info:

SPIKE COMPOUND	AMOUNT ADDED ug/mL	AMOUNT RECOVERED ug/mL	% RECOVERED	LIMITS
3 Phenol	25.00	27.96	111.85	
4 Bis(2-Chloroethyl)	25.00	26.67	106.69	
6 2-Chlorophenol	25.00	28.31	113.25	
7 1,3-Dichlorobenzen	25.00	26.41	105.66	
9 1,4-Dichlorobenzen	25.00	26.13	104.50	
11 Benzyl alcohol	25.00	26.15	104.61	
12 1,2-Dichlorobenzen	25.00	27.43	109.70	
13 2-Methylphenol	25.00	27.08	108.31	
14 2,2'-oxybis(1-Chlo	25.00	26.43	105.71	
15 4-Methylphenol	25.00	27.48	109.93	
16 N-Nitroso-di-n-pro	25.00	25.70	102.78	
19 Nitrobenzene	25.00	25.94	103.77	
20 Isophorone	25.00	26.54	106.15	
21 2-Nitrophenol	25.00	28.35	113.40	
22 2,4-Dimethylphenol	25.00	27.45	109.80	
23 Bis(2-Chloroethoxy	25.00	24.78	99.10	
24 Benzoic acid	25.00	26.63	106.50	
25 2,4-Dichlorophenol	25.00	27.51	110.03	
26 1,2,4-Trichloroben	25.00	25.85	103.39	
28 Naphthalene	25.00	24.96	99.83	
29 4-Chloroaniline	25.00	24.82	99.29	
30 Hexachlorobutadien	25.00	25.69	102.75	
31 4-Chloro-3-methylp	25.00	28.64	114.55	
32 2-Methylnaphthalen	25.00	24.65	98.61	
33 Hexachlorocyclopen	25.00	29.28	117.13	
34 2,4,6-Trichlorophe	25.00	28.23	112.91	
35 2,4,5-Trichlorophe	25.00	28.44	113.74	
37 2-Chloronaphthalen	25.00	30.62	122.49	
39 Dimethylphthalate	25.00	25.64	102.55	
40 Acenaphthylene	25.00	25.19	100.75	
43 3-Nitroaniline	25.00	26.80	107.18	
44 Acenaphthene	25.00	24.85	99.39	
46 Dibenzofuran	25.00	25.84	103.36	

ok

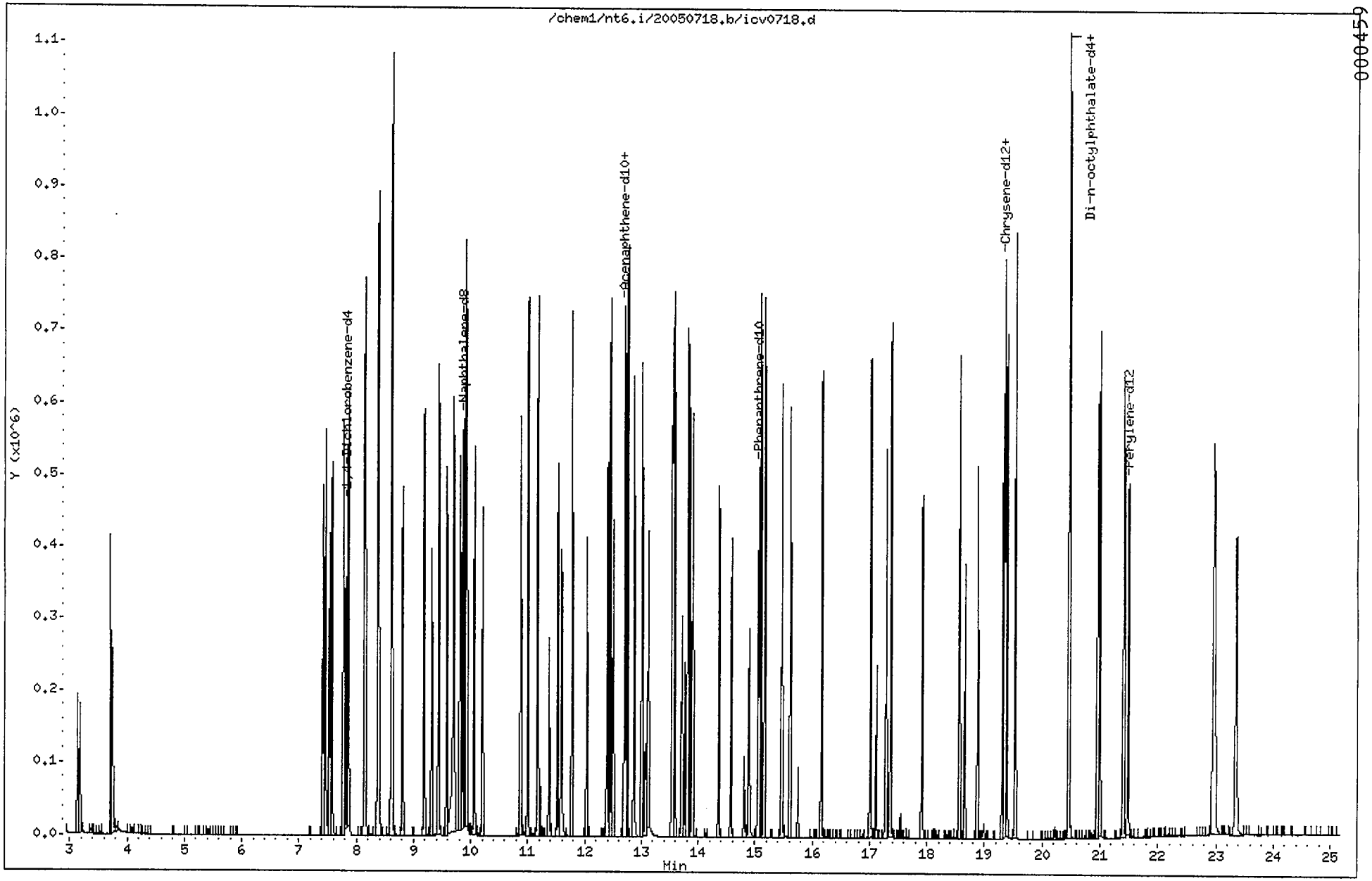
SPIKE	COMPOUND	AMOUNT ADDED ug/mL	AMOUNT RECOVERED ug/mL	% RECOVERED	LIMITS
48	2,4-Dinitrotoluene	25.00	28.53	114.14	
49	Fluorene	25.00	26.04	104.14	
50	Diethylphthalate	25.00	25.77	103.07	
51	4-Chlorophenyl-phe	25.00	25.62	102.47	
52	4-Nitroaniline	25.00	27.36	109.44	
53	4,6-Dinitro-2-meth	25.00	28.10	112.41	
54	N-Nitrosodiphenyla	25.00	33.41	133.64*	
56	4-Bromophenyl-phen	25.00	24.55	98.19	
57	Hexachlorobenzene	25.00	25.27	101.08	
58	Pentachlorophenol	25.00	30.05	120.20	
60	Phenanthrene	25.00	28.71	114.85	
61	Anthracene	25.00	24.35	97.41	
62	Carbazole	25.00	25.98	103.93	
63	Di-n-butylphthalat	25.00	26.04	104.16	
64	Fluoranthene	25.00	24.46	97.83	
65	Pyrene	25.00	25.37	101.48	
67	Butylbenzylphthala	25.00	25.93	103.72	
68	Benzo(a)anthracene	25.00	25.59	102.35	
70	3,3'-Dichlorobenzi	25.00	24.28	97.14	
71	Chrysene	25.00	24.38	97.51	
72	bis(2-Ethylhexyl)p	25.00	26.37	105.47	
73	Di-n-octylphthalat	25.00	24.44	97.77	
74	Benzo(b)fluoranthe	25.00	24.84	99.37	OK
75	Benzo(k)fluoranthe	25.00	25.41	101.64	
76	Benzo(a)pyrene	25.00	24.88	99.51	
78	Indeno(1,2,3-cd)py	25.00	25.25	100.98	
79	Dibenzo(a,h)anthra	25.00	25.49	101.97	
80	Benzo(g,h,i)peryle	25.00	24.63	98.54	
103	Pyridine	25.00	19.45	77.78	
90	N-Nitrosodimethyla	25.00	25.40	101.58	
91	Aniline	25.00	22.74	90.97	
105	1-methylnaphthalen	25.00	23.83	95.31	
111	Azobenzene (1,2-DP	25.00	28.79	115.18	
93	Benzidine	25.00	7.408	29.63*	

Data File: /chem1/nt6.i/20050718.b/icv0718.d
Date : 18-JUL-2005 18:31
Client ID:
Sample Info: ABN ICV

Instrument: nt6.i

Operator: LJR/VS
Column diameter: 0.32

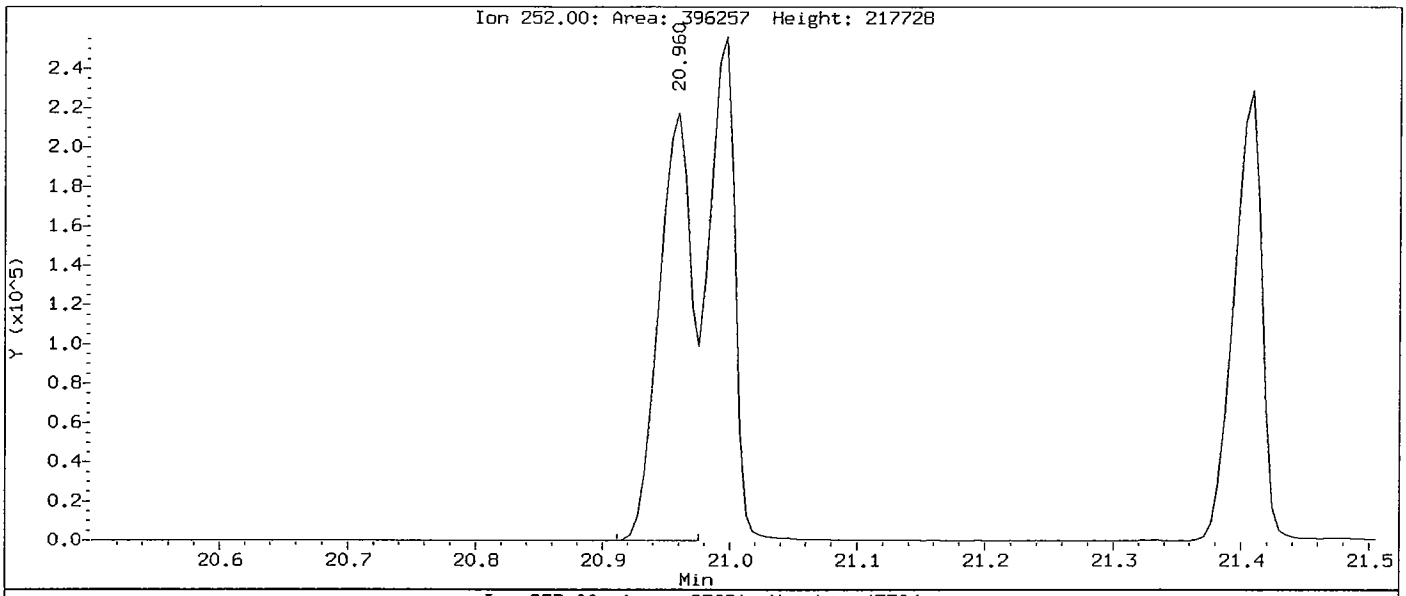
Column phase: RTX-5

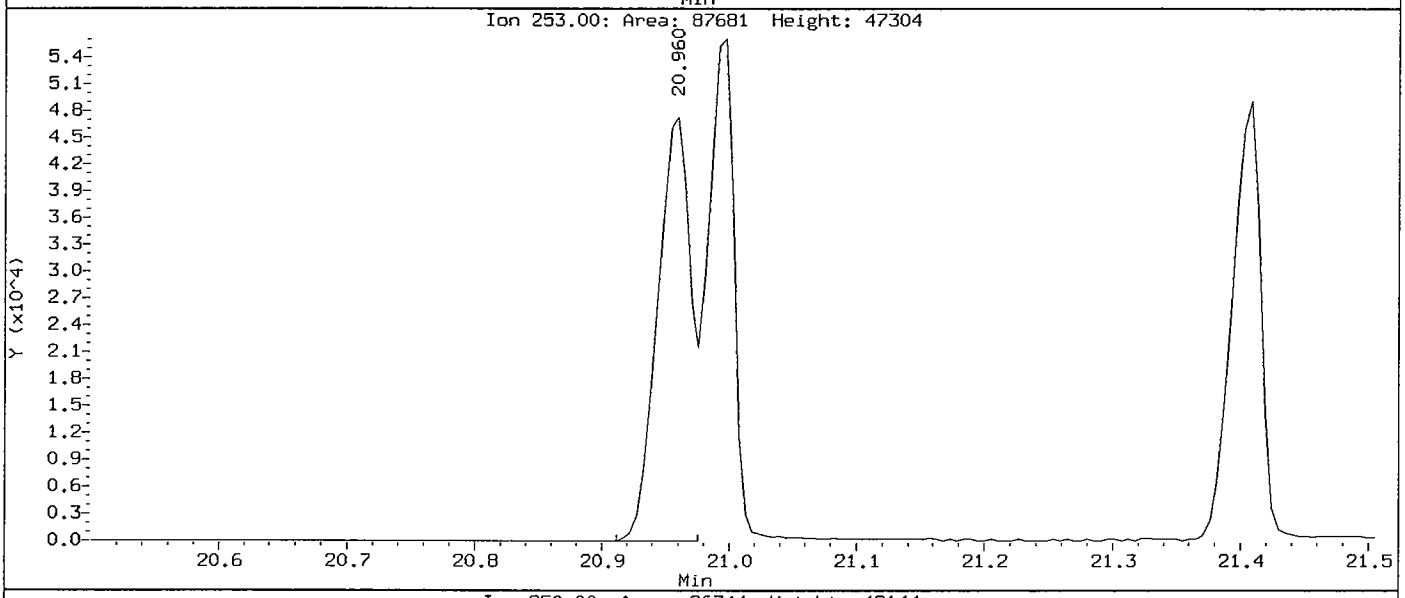


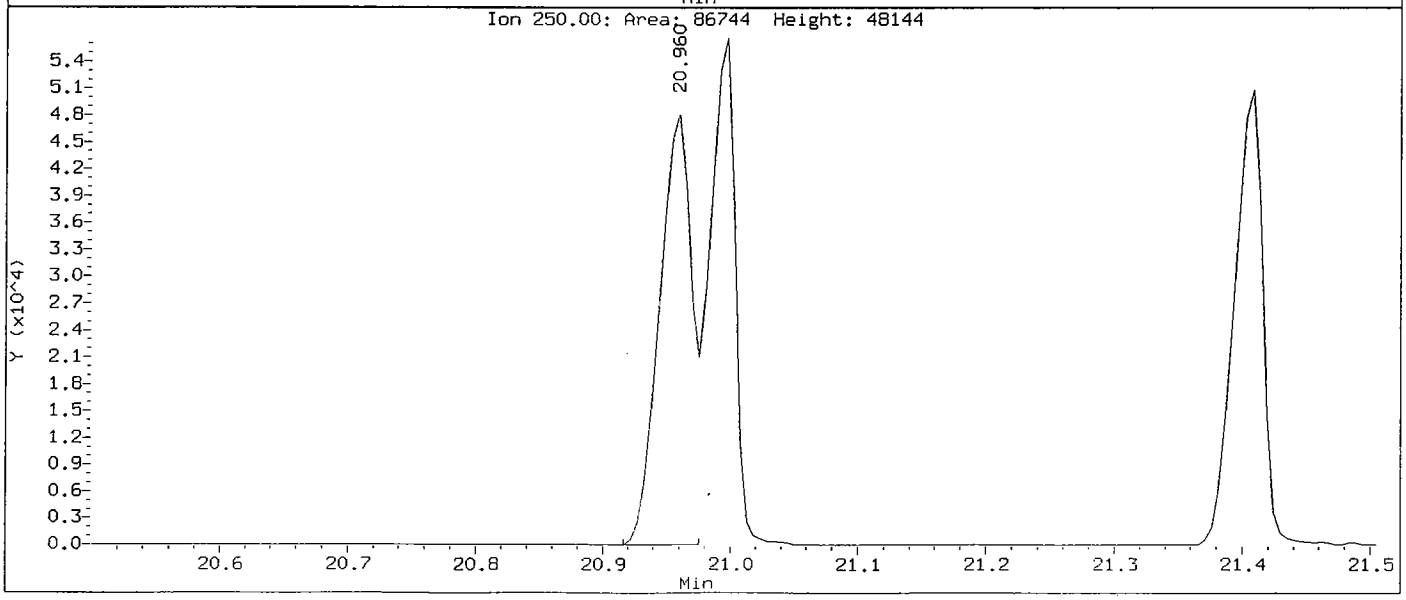
000459

Data File: /chem1/nt6.i/20050718.b/icv0718.d
Injection Date: 18-JUL-2005 18:31
Instrument: nt6.i
Client Sample ID:

Compound: Benzo(b)fluoranthene
CAS Number: 205-99-2







6B

SEMIVOLATILE 8270-C INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: IH28 Project: KC FORMER SCOTT MILL

Instrument ID: NT4 Calibration Date: 08/02/05

LAB FILE ID: RRF1 =0010802 RRF5 =0050802 RRF10 =0100802
RRF25 =0250802 RRF40 =0400802 RRF80 =0800802

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	$\overline{RRF}$	%RSD /R^2	
Phenol	1.861	2.149	2.166	2.127	2.276	2.100	2.113	6.5	*
Bis(2-Chloroethyl)ether	1.556	1.655	1.685	1.652	1.755	1.659	1.660	3.9	
2-Chlorophenol	1.191	1.384	1.395	1.403	1.490	1.396	1.376	7.2	
1,3-Dichlorobenzene	1.330	1.465	1.529	1.482	1.542	1.496	1.474	5.2	
1,4-Dichlorobenzene	1.454	1.550	1.534	1.497	1.579	1.530	1.524	2.8	*
1,2-Dichlorobenzene	1.234	1.422	1.482	1.396	1.479	1.410	1.404	6.5	
Benzyl alcohol	0.096	0.630	0.821	0.818	0.928	0.902	0.699	0.998	
2,2'-oxybis(1-Chloropropane)	1.490	1.605	1.615	1.548	1.630	1.553	1.574	3.4	
2-Methylphenol	1.202	1.366	1.280	1.292	1.398	1.306	1.307	5.3	
Hexachloroethane	0.513	0.612	0.623	0.606	0.648	0.621	0.604	7.7	
N-Nitroso-di-n-propylamine	1.206	1.376	1.399	1.273	1.376	1.283	1.319	5.8	~
4-Methylphenol	1.112	1.362	1.401	1.358	1.488	1.403	1.354	9.4	
Nitrobenzene	0.534	0.573	0.569	0.536	0.550	0.522	0.547	3.7	
Isophorone	0.872	0.928	0.933	0.893	0.924	0.903	0.909	2.6	
2-Nitrophenol		0.191	0.194	0.204	0.211	0.208	0.202	4.4	*
2,4-Dimethylphenol	0.346	0.408	0.407	0.409	0.431	0.416	0.403	7.2	
Bis(2-Chloroethoxy)methane	0.504	0.520	0.530	0.517	0.533	0.515	0.520	2.0	
2,4-Dichlorophenol		0.269	0.270	0.282	0.295	0.289	0.281	4.0	*
1,2,4-Trichlorobenzene	0.308	0.319	0.327	0.324	0.332	0.327	0.323	2.6	
Naphthalene	1.078	1.124	1.117	1.086	1.101	1.066	1.095	2.1	
Benzoic acid		0.251	0.294	0.313	0.332	0.351	0.308	12.4	
4-Chloroaniline		0.455	0.456	0.445	0.444	0.439	0.448	1.7	
Hexachlorobutadiene	0.170	0.170	0.168	0.166	0.169	0.164	0.168	1.5	*
4-Chloro-3-methylphenol		0.321	0.337	0.348	0.356	0.354	0.343	4.2	*
2-Methylnaphthalene	0.580	0.628	0.615	0.590	0.606	0.588	0.601	3.0	
Hexachlorocyclopentadiene		0.166	0.190	0.222	0.248	0.247	0.215	16.7	~
2,4,6-Trichlorophenol		0.339	0.352	0.361	0.381	0.383	0.363	5.2	*
2,4,5-Trichlorophenol		0.342	0.363	0.357	0.394	0.389	0.369	5.9	
2-Chloronaphthalene	1.113	1.182	1.172	1.126	1.186	1.127	1.151	2.8	
2-Nitroaniline		0.496	0.495	0.486	0.497	0.485	0.492	1.2	
Acenaphthylene	1.820	1.936	1.913	1.849	1.931	1.848	1.883	2.6	
Dimethylphthalate	1.267	1.337	1.302	1.220	1.291	1.233	1.275	3.5	
2,6-Dinitrotoluene		0.280	0.292	0.288	0.304	0.290	0.291	3.0	
Acenaphthene	1.178	1.263	1.219	1.174	1.232	1.178	1.207	3.0	*
3-Nitroaniline		0.318	0.336	0.327	0.347	0.333	0.332	3.2	
2,4-Dinitrophenol		0.072	0.113	0.140	0.171	0.186	0.136	33.5	~
Dibenzofuran	1.535	1.601	1.568	1.481	1.541	1.490	1.536	3.0	

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

FORM VI SV-1

6C

SEMIVOLATILE 8270-C INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: IH28 Project: KC FORMER SCOTT MILL

Instrument ID: NT4 Calibration Date: 08/02/05

LAB FILE ID: RRF1 =0010802 RRF5 =0050802 RRF10 =0100802
RRF25 =0250802 RRF40 =0400802 RRF80 =0800802

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	$\overline{RRF}$	%RSD /R^2	
4-Nitrophenol		0.154	0.191	0.210	0.227	0.224	0.201	14.9	~
2,4-Dinitrotoluene		0.361	0.366	0.359	0.378	0.376	0.368	2.3	
Fluorene	1.228	1.302	1.299	1.239	1.322	1.266	1.276	3.0	
4-Chlorophenyl-phenylether	0.612	0.621	0.629	0.596	0.628	0.600	0.614	2.3	
Diethylphthalate	1.254	1.350	1.326	1.234	1.291	1.196	1.275	4.6	
4-Nitroaniline		0.287	0.306	0.305	0.317	0.317	0.306	4.0	
4,6-Dinitro-2-methylphenol		0.120	0.132	0.139	0.158	0.157	0.141	11.6	
N-Nitrosodiphenylamine (1)	0.420	0.461	0.456	0.432	0.469	0.434	0.445	4.3	
4-Bromophenyl-phenylether	0.191	0.215	0.207	0.207	0.213	0.211	0.207	4.2	
Hexachlorobenzene	0.202	0.221	0.221	0.213	0.218	0.216	0.215	3.3	
Pentachlorophenol		0.107	0.119	0.123	0.132	0.138	0.124	9.7	*
Phenanthrene	1.231	1.265	1.215	1.173	1.220	1.192	1.216	2.6	
Anthracene	1.194	1.251	1.219	1.188	1.220	1.173	1.208	2.3	
Carbazole	0.908	0.994	0.976	0.941	0.979	0.971	0.962	3.3	
Di-n-butylphthalate	1.190	1.345	1.352	1.279	1.321	1.270	1.293	4.7	
Fluoranthene	1.067	1.172	1.181	1.133	1.176	1.164	1.149	3.8	*
Pyrene	1.507	1.618	1.580	1.545	1.603	1.524	1.563	2.8	
Butylbenzylphthalate	0.642	0.744	0.746	0.719	0.752	0.718	0.720	5.7	
Benzo(a)anthracene	1.357	1.396	1.377	1.341	1.389	1.399	1.376	1.7	
3,3'-Dichlorobenzidine		0.465	0.444	0.438	0.445	0.483	0.455	4.1	
Chrysene	1.396	1.393	1.343	1.308	1.366	1.311	1.353	2.9	
bis(2-Ethylhexyl)phthalate	0.513	0.561	0.567	0.545	0.576	0.541	0.550	4.1	
Di-n-octylphthalate	1.068	1.095	1.063	1.005	1.031	0.986	1.041	4.0	*
Benzo(b)fluoranthene	1.299	1.303	1.358	1.351	1.374	1.600	1.381	8.1	
Benzo(k)fluoranthene	1.336	1.404	1.322	1.279	1.404	1.186	1.322	6.2	
Benzo(a)pyrene	1.154	1.276	1.240	1.240	1.303	1.223	1.239	4.1	*
Indeno(1,2,3-cd)pyrene	1.104	1.189	1.230	1.326	1.388	1.482	1.286	10.8	
Dibenzo(a,h)anthracene	1.024	1.057	1.230	1.284	1.349	1.300	1.207	11.2	
Benzo(g,h,i)perylene	1.177	1.280	1.307	1.377	1.420	1.335	1.316	6.4	
2-Fluorophenol		1.384	1.373	1.342	1.476	1.424	1.400	3.7	
Phenol-d5		1.746	1.678	1.831	1.955	1.858	1.814	5.9	
2-Chlorophenol-d4		1.486	1.442	1.382	1.486	1.443	1.448	2.9	
1,2-Dichlorobenzene-d4		0.932	0.903	0.894	0.942	0.910	0.916	2.2	
Nitrobenzene-d5		0.551	0.538	0.524	0.538	0.525	0.535	2.1	
2-Fluorobiphenyl		1.369	1.303	1.261	1.327	1.265	1.305	3.5	
2,4,6-Tribromophenol		0.122	0.129	0.123	0.135	0.132	0.128	4.4	

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

FORM VI SV-2

6C

SEMIVOLATILE 8270-C INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: IH28 Project: KC FORMER SCOTT MILL

Instrument ID: NT4 Calibration Date: 08/02/05

LAB FILE ID: RRF1 =0010802 RRF5 =0050802 RRF10 =0100802
RRF25 =0250802 RRF40 =0400802 RRF80 =0800802

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	$\overline{RRF}$	%RSD /R^2
Terphenyl-d14		0.969	0.924	0.905	0.950	0.914	0.932	2.8

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

FORM VI SV-3

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 02-AUG-2005 17:35
End Cal Date : 02-AUG-2005 20:22
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20050802.b/SW846.m
Cal Date : 03-Aug-2005 13:27 jeff
Curve Type : Average

Calibration File Names:
Level 1: /chem3/nt4.i/20050802.b/0010802.d
Level 2: /chem3/nt4.i/20050802.b/0050802.d
Level 3: /chem3/nt4.i/20050802.b/0100802.d
Level 4: /chem3/nt4.i/20050802.b/0250802.d
Level 5: /chem3/nt4.i/20050802.b/0400802.d
Level 6: /chem3/nt4.i/20050802.b/0800802.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	
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	0.89194	0.94332	0.91806	0.93567	0.92676	0.87952	0.91588	2.746	
132 3,6-Dimethylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
131 1-Methylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
130 Dibenzothiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
129 1-Methylfluorene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
128 N-Hexadecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
127 2-Isopropylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
126 N-Tetradecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
144 alpha-Terpineol	0.15312	0.16893	0.17745	0.12564	0.18202	0.17686	0.16400	13.034	
125 Safrole	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
124 3,4-Dimethylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
123 Acetophenone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
122 Furfuraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
143 1,4-Dioxane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 02-AUG-2005 17:35
End Cal Date : 02-AUG-2005 20:22
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20050802.b/SW846.m
Cal Date : 03-Aug-2005 13:27 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	
121 Quinoline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
120 2,3,4,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
119 7,12-Dimethylbenz(a)anthracen	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
118 Triphenyl Phosphate	0.20135	0.21931	0.22239	0.20677	0.21382	0.20884	0.21208	3.744	
117 Butyl Diphenyl Phosphate	0.29828	0.36216	0.35133	0.33347	0.34695	0.30380	0.33266	7.883	
116 Dibutyl Phenyl Phosphate	0.47525	0.58813	0.59431	0.57405	0.60682	0.58213	0.57012	8.381	
115 Tributyl Phosphate	1.01970	1.19315	1.17032	1.11244	1.13046	1.05669	1.11379	5.940	
114 Beta-Pinene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
113 Diphenyl Oxide	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
112 Biphenyl	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
111 Azobenzene (1,2-DP-Hydrazine)	1.85831	1.98200	1.95649	1.78776	1.86277	1.76289	1.86837	4.693	
110 Tetrachloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
109 3,4,5-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
108 4,5,6-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
107 4,5-Dichloro-2-Methoxyphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
106 Guaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
105 1-methylnaphthalene	0.59953	0.62400	0.62006	0.59720	0.61545	0.60202	0.60971	1.889	
3 Phenol	1.86124	2.14869	2.16601	2.12734	2.27657	2.10037	2.11337	6.508	
4 Bis(2-Chloroethyl)ether	1.55644	1.65465	1.68482	1.65203	1.75549	1.65921	1.66044	3.861	
6 2-Chlorophenol	1.19113	1.38445	1.39542	1.40345	1.48978	1.39640	1.37677	7.171	
7 1,3-Dichlorobenzene	1.33035	1.46490	1.52944	1.48216	1.54216	1.49616	1.47420	5.166	
9 1,4-Dichlorobenzene	1.45439	1.54989	1.53453	1.49714	1.57895	1.52953	1.52407	2.845	
11 Benzyl alcohol	0.09578	0.63035	0.82142	0.81785	0.92838	0.90212	0.69932	44.837	LIN
12 1,2-Dichlorobenzene	1.23400	1.42197	1.48200	1.39578	1.47940	1.41028	1.40390	6.458	
13 2-Methylphenol	1.20213	1.36554	1.27978	1.29252	1.39854	1.30649	1.30750	5.271	
14 2,2'-oxybis(1-Chloropropane)	1.49005	1.60474	1.61548	1.54807	1.62961	1.55263	1.57343	3.355	
15 4-Methylphenol	1.11242	1.36205	1.40064	1.35816	1.48801	1.40276	1.35401	9.398	
16 N-Nitroso-di-n-propylamine	1.20630	1.37599	1.39912	1.27304	1.37646	1.28294	1.31898	5.782	
17 Hexachloroethane	0.51325	0.61160	0.62265	0.60647	0.64825	0.62106	0.60388	7.730	

OK DRM 8/03/05

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 02-AUG-2005 17:35
End Cal Date : 02-AUG-2005 20:22
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20050802.b/SW846.m
Cal Date : 03-Aug-2005 13:27 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	
19 Nitrobenzene	0.53434	0.57343	0.56886	0.53558	0.55027	0.52242	0.54748	3.726	
20 Isophorone	0.87173	0.92765	0.93306	0.89346	0.92375	0.90278	0.90874	2.610	
21 2-Nitrophenol	+++++	0.19113	0.19369	0.20450	0.21119	0.20815	0.20173	4.402	
22 2,4-Dimethylphenol	0.34623	0.40778	0.40664	0.40925	0.43095	0.41553	0.40273	7.227	
23 Bis(2-Chloroethoxy)methane	0.50387	0.51972	0.53027	0.51675	0.53267	0.51513	0.51974	2.036	
24 Benzoic acid	+++++	0.25124	0.29362	0.31266	0.33188	0.35093	0.30806	12.428	
25 2,4-Dichlorophenol	+++++	0.26943	0.27034	0.28180	0.29511	0.28939	0.28122	4.044	
26 1,2,4-Trichlorobenzene	0.30834	0.31925	0.32703	0.32351	0.33201	0.32744	0.32293	2.576	
28 Naphthalene	1.07752	1.12354	1.11726	1.08584	1.10113	1.06597	1.09521	2.074	
29 4-Chloroaniline	+++++	0.45547	0.45623	0.44506	0.44441	0.43885	0.44801	1.688	
30 Hexachlorobutadiene	0.16985	0.17014	0.16833	0.16576	0.16938	0.16391	0.16790	1.500	
31 4-Chloro-3-methylphenol	+++++	0.32097	0.33736	0.34782	0.35616	0.35383	0.34323	4.198	
32 2-Methylnaphthalene	0.57986	0.62788	0.61539	0.59052	0.60556	0.58804	0.60121	3.044	
33 Hexachlorocyclopentadiene	+++++	0.16657	0.18986	0.22223	0.24857	0.24691	0.21483	16.743	PP
34 2,4,6-Trichlorophenol	+++++	0.33940	0.35245	0.36079	0.38141	0.38347	0.36350	5.201	
35 2,4,5-Trichlorophenol	+++++	0.34242	0.36262	0.35733	0.39368	0.38922	0.36905	5.907	
37 2-Chloronaphthalene	1.11295	1.18156	1.17194	1.12588	1.18657	1.12729	1.15103	2.823	
38 2-Nitroaniline	+++++	0.49623	0.49512	0.48564	0.49683	0.48511	0.49179	1.198	
39 Dimethylphthalate	1.26662	1.33675	1.30196	1.22013	1.29136	1.23270	1.27492	3.451	
40 Acenaphthylene	1.81979	1.93617	1.91300	1.84920	1.93092	1.84764	1.88279	2.646	
41 2,6-Dinitrotoluene	+++++	0.27991	0.29240	0.28856	0.30395	0.29036	0.29104	2.971	
43 3-Nitroaniline	+++++	0.31852	0.33648	0.32728	0.34673	0.33281	0.33237	3.159	
44 Acenaphthene	1.17758	1.26290	1.21923	1.17397	1.23163	1.17822	1.20725	3.025	
45 2,4-Dinitrophenol	+++++	0.07238	0.11261	0.14048	0.17068	0.18625	0.13648	33.460	PP
46 Dibenzofuran	1.53545	1.60133	1.56792	1.48143	1.54089	1.49052	1.53626	2.963	
47 4-Nitrophenol	+++++	0.15419	0.19104	0.21021	0.22692	0.22415	0.20130	14.865	
48 2,4-Dinitrotoluene	+++++	0.36112	0.36648	0.35863	0.37773	0.37585	0.36796	2.328	
49 Fluorene	1.22770	1.30238	1.29887	1.23881	1.32200	1.26596	1.27595	2.964	
50 Diethylphthalate	1.25411	1.35026	1.32585	1.23366	1.29103	1.19637	1.27521	4.550	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 02-AUG-2005 17:35
End Cal Date : 02-AUG-2005 20:22
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20050802.b/SW846.m
Cal Date : 03-Aug-2005 13:27 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	
51 4-Chlorophenyl-phenylether	0.61170	0.62073	0.62864	0.59616	0.62810	0.59978	0.61419	2.284	
52 4-Nitroaniline	+++++	0.28724	0.30618	0.30479	0.31739	0.31698	0.30651	4.004	
53 4,6-Dinitro-2-methylphenol	+++++	0.11998	0.13177	0.13873	0.15774	0.15708	0.14106	11.601	
54 N-Nitrosodiphenylamine	0.42002	0.46118	0.45641	0.43259	0.46873	0.43378	0.44545	4.328	
56 4-Bromophenyl-phenylether	0.19095	0.21491	0.20719	0.20695	0.21326	0.21084	0.20735	4.169	
57 Hexachlorobenzene	0.20222	0.22116	0.22122	0.21262	0.21766	0.21619	0.21518	3.311	
58 Pentachlorophenol	+++++	0.10679	0.11866	0.12308	0.13218	0.13759	0.12366	9.710	
60 Phenanthrene	1.23105	1.26513	1.21500	1.17307	1.22055	1.19241	1.21620	2.616	
61 Anthracene	1.19407	1.25147	1.21861	1.18764	1.22056	1.17324	1.20760	2.335	
62 Carbazole	0.90849	0.99392	0.97603	0.94098	0.97906	0.97133	0.96163	3.255	
63 Di-n-butylphthalate	1.19038	1.34539	1.35208	1.27911	1.32134	1.27060	1.29315	4.674	
64 Fluoranthene	1.06742	1.17195	1.18110	1.13264	1.17635	1.16404	1.14892	3.785	
65 Pyrene	1.50734	1.61803	1.57979	1.54462	1.60293	1.52371	1.56273	2.845	
67 Butylbenzylphthalate	0.64231	0.74407	0.74584	0.71897	0.75231	0.71773	0.72020	5.668	
68 Benzo(a)anthracene	1.35665	1.39601	1.37692	1.34064	1.38920	1.39898	1.37640	1.697	
70 3,3'-Dichlorobenzidine	+++++	0.46465	0.44458	0.43789	0.44472	0.48269	0.45491	4.063	
71 Chrysene	1.39637	1.39318	1.34285	1.30799	1.36621	1.31065	1.35287	2.880	
72 bis(2-Ethylhexyl)phthalate	0.51309	0.56120	0.56694	0.54547	0.57629	0.54134	0.55072	4.108	
73 Di-n-octylphthalate	1.06839	1.09516	1.06341	1.00492	1.03102	0.98559	1.04141	3.995	
74 Benzo(b)fluoranthene	1.29925	1.30261	1.35762	1.35115	1.37371	1.60041	1.38079	8.094	
75 Benzo(k)fluoranthene	1.33551	1.40457	1.32175	1.27923	1.40440	1.18615	1.32194	6.245	
76 Benzo(a)pyrene	1.15374	1.27648	1.24059	1.23951	1.30291	1.22314	1.23940	4.116	
78 Indeno(1,2,3-cd)pyrene	1.10435	1.18932	1.22988	1.32629	1.38798	1.48181	1.28660	10.762	
79 Dibenzo(a,h)anthracene	1.02358	1.05676	1.22954	1.28354	1.34897	1.29979	1.20703	11.198	
80 Benzo(g,h,i)perylene	1.17734	1.28039	1.30736	1.37725	1.42004	1.33546	1.31631	6.404	
90 N-Nitrosodimethylamine	+++++	1.01141	1.04927	0.55622	1.10711	1.01453	0.94771	23.447	PP
91 Aniline	+++++	2.41288	2.43723	2.39730	2.34310	2.21917	2.36194	3.682	
92 1,2-Diphenylhydrazine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
93 Benzidine	+++++	0.42695	0.35335	0.45110	0.25031	0.21659	0.33966	30.652	PP

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 02-AUG-2005 17:35
End Cal Date : 02-AUG-2005 20:22
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20050802.b/SW846.m
Cal Date : 03-Aug-2005 13:27 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	
	96 p-Cymene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	97 Caffeine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	98 Retene	0.42209	0.50706	0.50927	0.49522	0.51197	0.49635	0.49033	6.960	
	99 Perylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	100 3-beta-Coprostanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	101 Cholesterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	102 beta-Sitosterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	103 Pyridine	+++++	1.45158	1.64033	0.71230	1.80701	1.81498	1.48524	30.760	PP
$	1 2-Fluorophenol	+++++	1.38360	1.37283	1.34160	1.47641	1.42382	1.39965	3.716	
$	137 d8-1,4-Dioxane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$	2 Phenol-d5	+++++	1.74599	1.67777	1.83122	1.95536	1.85813	1.81369	5.875	
$	5 2-Chlorophenol-d4	+++++	1.48617	1.44193	1.38207	1.48552	1.44340	1.44782	2.944	
$	10 1,2-Dichlorobenzene-d4	+++++	0.93161	0.90291	0.89417	0.94158	0.90958	0.91597	2.175	
$	18 Nitrobenzene-d5	+++++	0.55130	0.53858	0.52396	0.53824	0.52461	0.53534	2.126	
$	36 2-Fluorobiphenyl	+++++	1.36902	1.30347	1.26074	1.32730	1.26496	1.30510	3.461	
$	55 2,4,6-Tribromophenol	+++++	0.12166	0.12898	0.12324	0.13473	0.13206	0.12813	4.371	
$	66 Terphenyl-d14	+++++	0.96920	0.92374	0.90509	0.94955	0.91376	0.93227	2.846	
$	85 p-Cresol-d4	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$	86 Anthracene-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$	87 Fluoranthene-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$	88 Dibenz(a,h)anthracene-d14	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$	89 Diphenyl-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$	95 D10-1-methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

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Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 02-AUG-2005 17:35
End Cal Date : 02-AUG-2005 20:22
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20050802.b/SW846.m
Cal Date : 03-Aug-2005 13:27 jeff

Calibration File Names:
Level 1: /chem3/nt4.i/20050802.b/0010802.d
Level 2: /chem3/nt4.i/20050802.b/0050802.d
Level 3: /chem3/nt4.i/20050802.b/0100802.d
Level 4: /chem3/nt4.i/20050802.b/0250802.d
Level 5: /chem3/nt4.i/20050802.b/0400802.d
Level 6: /chem3/nt4.i/20050802.b/0800802.d

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
138 Chlorobenzilate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
139 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
140 Diallate A	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
141 Diallate B	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
142 1,2-Dibromo-3-Chloropropane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
135 2,3,5,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
136 2,3,4,5-tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
133 Butylatedhydroxytoluene	0.89194	0.94332	0.91806	0.93567	0.92676	0.87952	AVRG		0.91588		2.74633	
132 3,6-Dimethylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
131 1-Methylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
130 Dibenzothiophene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
129 1-Methylfluorene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
128 N-Hexadecane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
127 2-Isopropylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

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Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 02-AUG-2005 17:35
End Cal Date : 02-AUG-2005 20:22
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20050802.b/SW846.m
Cal Date : 03-Aug-2005 13:27 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
126 N-Tetradecane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+00			0.000e+00	<-
144 alpha-Terpineol	0.15312	0.16893	0.17745	0.12564	0.18202	0.17686	AVRG	0.16400			13.03391	
125 Safrole	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+00			0.000e+00	<-
124 3,4-Dimethylphenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+00			0.000e+00	<-
123 Acetophenone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+00			0.000e+00	<-
122 Furfuraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+00			0.000e+00	<-
143 1,4-Dioxane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+00			0.000e+00	<-
121 Quinoline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+00			0.000e+00	<-
120 2,3,4,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+00			0.000e+00	<-
119 7,12-Dimethylbenz(a)anthracen	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+00			0.000e+00	<-
118 Triphenyl Phosphate	0.20135	0.21931	0.22239	0.20677	0.21382	0.20884	AVRG	0.21208			3.74421	
117 Butyl Diphenyl Phosphate	0.29828	0.36216	0.35133	0.33347	0.34695	0.30380	AVRG	0.33266			7.88276	
116 Dibutyl Phenyl Phosphate	0.47525	0.58813	0.59431	0.57405	0.60682	0.58213	AVRG	0.57012			8.38129	
115 Tributyl Phosphate	1.01970	1.19315	1.17032	1.11244	1.13046	1.05669	AVRG	1.11379			5.94011	
114 Beta-Pinene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+00			0.000e+00	<-
113 Diphenyl Oxide	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+00			0.000e+00	<-
112 Biphenyl	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+00			0.000e+00	<-
111 Azobenzene (1,2-DP-Hydrazine)	1.85831	1.98200	1.95649	1.78776	1.86277	1.76289	AVRG	1.86837			4.69255	
110 Tetrachloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+00			0.000e+00	<-
109 3,4,5-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+00			0.000e+00	<-
108 4,5,6-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+00			0.000e+00	<-
107 4,5-Dichloro-2-Methoxyphenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+00			0.000e+00	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 02-AUG-2005 17:35
End Cal Date : 02-AUG-2005 20:22
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20050802.b/SW846.m
Cal Date : 03-Aug-2005 13:27 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
106 Guaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
105 1-methylnaphthalene	0.59953	0.62400	0.62006	0.59720	0.61545	0.60202	AVRG		0.60971		1.88934	
3 Phenol	1.86124	2.14869	2.16601	2.12734	2.27657	2.10037	AVRG		2.11337		6.50812	
4 Bis(2-Chloroethyl)ether	1.55644	1.65465	1.68482	1.65203	1.75549	1.65921	AVRG		1.66044		3.86113	
6 2-Chlorophenol	1.19113	1.38445	1.39542	1.40345	1.48978	1.39640	AVRG		1.37677		7.17104	
7 1,3-Dichlorobenzene	1.33035	1.46490	1.52944	1.48216	1.54216	1.49616	AVRG		1.47420		5.16565	
9 1,4-Dichlorobenzene	1.45439	1.54989	1.53453	1.49714	1.57895	1.52953	AVRG		1.52407		2.84458	
11 Benzyl alcohol	505	15561	42173	126776	184026	367423	LINR	0.000e+00	0.90021		0.99760	
12 1,2-Dichlorobenzene	1.23400	1.42197	1.48200	1.39578	1.47940	1.41028	AVRG		1.40390		6.45802	
13 2-Methylphenol	1.20213	1.36554	1.27978	1.29252	1.39854	1.30649	AVRG		1.30750		5.27141	
14 2,2'-oxybis(1-Chloropropane)	1.49005	1.60474	1.61548	1.54807	1.62961	1.55263	AVRG		1.57343		3.35492	
15 4-Methylphenol	1.11242	1.36205	1.40064	1.35816	1.48801	1.40276	AVRG		1.35401		9.39762	
16 N-Nitroso-di-n-propylamine	1.20630	1.37599	1.39912	1.27304	1.37646	1.28294	AVRG		1.31898		5.78203	
17 Hexachloroethane	0.51325	0.61160	0.62265	0.60647	0.64825	0.62106	AVRG		0.60388		7.73046	
19 Nitrobenzene	0.53434	0.57343	0.56886	0.53558	0.55027	0.52242	AVRG		0.54748		3.72582	
20 Isophorone	0.87173	0.92765	0.93306	0.89346	0.92375	0.90278	AVRG		0.90874		2.61015	
21 2-Nitrophenol	+++++	0.19113	0.19369	0.20450	0.21119	0.20815	AVRG		0.20173		4.40180	
22 2,4-Dimethylphenol	0.34623	0.40778	0.40664	0.40925	0.43095	0.41553	AVRG		0.40273		7.22698	
23 Bis(2-Chloroethoxy)methane	0.50387	0.51972	0.53027	0.51675	0.53267	0.51513	AVRG		0.51974		2.03607	
24 Benzoic acid	+++++	0.25124	0.29362	0.31266	0.33188	0.35093	AVRG		0.30806		12.42815	
25 2,4-Dichlorophenol	+++++	0.26943	0.27034	0.28180	0.29511	0.28939	AVRG		0.28122		4.04375	
26 1,2,4-Trichlorobenzene	0.30834	0.31925	0.32703	0.32351	0.33201	0.32744	AVRG		0.32293		2.57632	

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Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 02-AUG-2005 17:35
End Cal Date : 02-AUG-2005 20:22
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20050802.b/SW846.m
Cal Date : 03-Aug-2005 13:27 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
28 Naphthalene	1.07752	1.12354	1.11726	1.08584	1.10113	1.06597	AVRG		1.09521		2.07382
29 4-Chloroaniline	+++++	0.45547	0.45623	0.44506	0.44441	0.43885	AVRG		0.44801		1.68827
30 Hexachlorobutadiene	0.16985	0.17014	0.16833	0.16576	0.16938	0.16391	AVRG		0.16790		1.49964
31 4-Chloro-3-methylphenol	+++++	0.32097	0.33736	0.34782	0.35616	0.35383	AVRG		0.34323		4.19810
32 2-Methylnaphthalene	0.57986	0.62788	0.61539	0.59052	0.60556	0.58804	AVRG		0.60121		3.04437
33 Hexachlorocyclopentadiene	+++++	0.16657	0.18986	0.22223	0.24857	0.24691	AVRG		0.21483		16.74286
34 2,4,6-Trichlorophenol	+++++	0.33940	0.35245	0.36079	0.38141	0.38347	AVRG		0.36350		5.20138
35 2,4,5-Trichlorophenol	+++++	0.34242	0.36262	0.35733	0.39368	0.38922	AVRG		0.36905		5.90746
37 2-Chloronaphthalene	1.11295	1.18156	1.17194	1.12588	1.18657	1.12729	AVRG		1.15103		2.82300
38 2-Nitroaniline	+++++	0.49623	0.49512	0.48564	0.49683	0.48511	AVRG		0.49179		1.19797
39 Dimethylphthalate	1.26662	1.33675	1.30196	1.22013	1.29136	1.23270	AVRG		1.27492		3.45077
40 Acenaphthylene	1.81979	1.93617	1.91300	1.84920	1.93092	1.84764	AVRG		1.88279		2.64618
41 2,6-Dinitrotoluene	+++++	0.27991	0.29240	0.28856	0.30395	0.29036	AVRG		0.29104		2.97137
43 3-Nitroaniline	+++++	0.31852	0.33648	0.32728	0.34673	0.33281	AVRG		0.33237		3.15938
44 Acenaphthene	1.17758	1.26290	1.21923	1.17397	1.23163	1.17822	AVRG		1.20725		3.02451
45 2,4-Dinitrophenol	+++++	0.07238	0.11261	0.14048	0.17068	0.18625	AVRG		0.13648		33.46033
46 Dibenzofuran	1.53545	1.60133	1.56792	1.48143	1.54089	1.49052	AVRG		1.53626		2.96266
47 4-Nitrophenol	+++++	0.15419	0.19104	0.21021	0.22692	0.22415	AVRG		0.20130		14.86533
48 2,4-Dinitrotoluene	+++++	0.36112	0.36648	0.35863	0.37773	0.37585	AVRG		0.36796		2.32802
49 Fluorene	1.22770	1.30238	1.29887	1.23881	1.32200	1.26596	AVRG		1.27595		2.96408
50 Diethylphthalate	1.25411	1.35026	1.32585	1.23366	1.29103	1.19637	AVRG		1.27521		4.55015
51 4-Chlorophenyl-phenylether	0.61170	0.62073	0.62864	0.59616	0.62810	0.59978	AVRG		0.61419		2.28414

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Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 02-AUG-2005 17:35
End Cal Date : 02-AUG-2005 20:22
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20050802.b/SW846.m
Cal Date : 03-Aug-2005 13:27 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
52 4-Nitroaniline	+++++	0.28724	0.30618	0.30479	0.31739	0.31698	AVRG		0.30651		4.00399
53 4,6-Dinitro-2-methylphenol	+++++	0.11998	0.13177	0.13873	0.15774	0.15708	AVRG		0.14106		11.60065
54 N-Nitrosodiphenylamine	0.42002	0.46118	0.45641	0.43259	0.46873	0.43378	AVRG		0.44545		4.32774
56 4-Bromophenyl-phenylether	0.19095	0.21491	0.20719	0.20695	0.21326	0.21084	AVRG		0.20735		4.16891
57 Hexachlorobenzene	0.20222	0.22116	0.22122	0.21262	0.21766	0.21619	AVRG		0.21518		3.31149
58 Pentachlorophenol	+++++	0.10679	0.11866	0.12308	0.13218	0.13759	AVRG		0.12366		9.70962
60 Phenanthrene	1.23105	1.26513	1.21500	1.17307	1.22055	1.19241	AVRG		1.21620		2.61597
61 Anthracene	1.19407	1.25147	1.21861	1.18764	1.22056	1.17324	AVRG		1.20760		2.33510
62 Carbazole	0.90849	0.99392	0.97603	0.94098	0.97906	0.97133	AVRG		0.96163		3.25477
63 Di-n-butylphthalate	1.19038	1.34539	1.35208	1.27911	1.32134	1.27060	AVRG		1.29315		4.67370
64 Fluoranthene	1.06742	1.17195	1.18110	1.13264	1.17635	1.16404	AVRG		1.14892		3.78479
65 Pyrene	1.50734	1.61803	1.57979	1.54462	1.60293	1.52371	AVRG		1.56273		2.84499
67 Butylbenzylphthalate	0.64231	0.74407	0.74584	0.71897	0.75231	0.71773	AVRG		0.72020		5.66819
68 Benzo(a)anthracene	1.35665	1.39601	1.37692	1.34064	1.38920	1.39898	AVRG		1.37640		1.69704
70 3,3'-Dichlorobenzidine	+++++	0.46465	0.44458	0.43789	0.44472	0.48269	AVRG		0.45491		4.06316
71 Chrysene	1.39637	1.39318	1.34285	1.30799	1.36621	1.31065	AVRG		1.35287		2.88021
72 bis(2-Ethylhexyl)phthalate	0.51309	0.56120	0.56694	0.54547	0.57629	0.54134	AVRG		0.55072		4.10777
73 Di-n-octylphthalate	1.06839	1.09516	1.06341	1.00492	1.03102	0.98559	AVRG		1.04141		3.99542
74 Benzo(b)fluoranthene	1.29925	1.30261	1.35762	1.35115	1.37371	1.60041	AVRG		1.38079		8.09442
75 Benzo(k)fluoranthene	1.33551	1.40457	1.32175	1.27923	1.40440	1.18615	AVRG		1.32194		6.24472
76 Benzo(a)pyrene	1.15374	1.27648	1.24059	1.23951	1.30291	1.22314	AVRG		1.23940		4.11597
78 Indeno(1,2,3-cd)pyrene	1.10435	1.18932	1.22988	1.32629	1.38798	1.48181	AVRG		1.28660		10.76164

000474

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 02-AUG-2005 17:35
End Cal Date : 02-AUG-2005 20:22
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20050802.b/SW846.m
Cal Date : 03-Aug-2005 13:27 jeff

	Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
79	Dibenzo(a,h)anthracene	1.02358	1.05676	1.22954	1.28354	1.34897	1.29979	AVRG		1.20703		11.19816	
80	Benzo(g,h,i)perylene	1.17734	1.28039	1.30736	1.37725	1.42004	1.33546	AVRG		1.31631		6.40355	
90	N-Nitrosodimethylamine	+++++	1.01141	1.04927	0.55622	1.10711	1.01453	AVRG		0.94771		23.44720	
91	Aniline	+++++	2.41288	2.43723	2.39730	2.34310	2.21917	AVRG		2.36194		3.68189	
92	1,2-Diphenylhydrazine	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
93	Benzidine	+++++	0.42695	0.35335	0.45110	0.25031	0.21659	AVRG		0.33966		30.65162	
96	p-Cymene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
97	Caffeine	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
98	Retene	0.42209	0.50706	0.50927	0.49522	0.51197	0.49635	AVRG		0.49033		6.96039	
99	Perylene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
100	3-beta-Coprostanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
101	Cholesterol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
102	beta-Sitosterol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
103	Pyridine	+++++	1.45158	1.64033	0.71230	1.80701	1.81498	AVRG		1.48524		30.75997	
$ 1	2-Fluorophenol	+++++	1.38360	1.37283	1.34160	1.47641	1.42382	AVRG		1.39965		3.71627	
$ 137	d8-1,4-Dioxane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 2	Phenol-d5	+++++	1.74599	1.67777	1.83122	1.95536	1.85813	AVRG		1.81369		5.87478	
$ 5	2-Chlorophenol-d4	+++++	1.48617	1.44193	1.38207	1.48552	1.44340	AVRG		1.44782		2.94436	
$ 10	1,2-Dichlorobenzene-d4	+++++	0.93161	0.90291	0.89417	0.94158	0.90958	AVRG		0.91597		2.17474	
$ 18	Nitrobenzene-d5	+++++	0.55130	0.53858	0.52396	0.53824	0.52461	AVRG		0.53534		2.12613	
$ 36	2-Fluorobiphenyl	+++++	1.36902	1.30347	1.26074	1.32730	1.26496	AVRG		1.30510		3.46097	

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Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 02-AUG-2005 17:35
End Cal Date : 02-AUG-2005 20:22
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20050802.b/SW846.m
Cal Date : 03-Aug-2005 13:27 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
$ 55 2,4,6-Tribromophenol	+++++	0.12166	0.12898	0.12324	0.13473	0.13206	AVRG		0.12813		4.37053	
$ 66 Terphenyl-d14	+++++	0.96920	0.92374	0.90509	0.94955	0.91376	AVRG		0.93227		2.84620	
$ 85 p-Cresol-d4	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 86 Anthracene-d10	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 87 Fluoranthene-d10	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 88 Dibenz(a,h)anthracene-d14	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 89 Diphenyl-d10	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 95 D10-1-methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

000476

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 02-AUG-2005 17:35
End Cal Date : 02-AUG-2005 20:22
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20050802.b/SW846.m
Cal Date : 03-Aug-2005 13:27 jeff

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem3/nt4.i/20050802.b/0010802.d
Lab Smp Id: ABN 1
Inj Date : 02-AUG-2005 18:42
Operator : VS Inst ID: nt4.i
Smp Info : ABN 1
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20050802.b/SW846.m
Meth Date : 03-Aug-2005 13:34 jeff Quant Type: ISTD
Cal Date : 02-AUG-2005 18:42 Cal File: 0010802.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)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.135	5.130	(0.692)	6018	1.00000	0.8116
$	2 Phenol-d5	99	7.101	7.101	(0.957)	8004	1.00000	0.8216
	3 Phenol	94	7.117	7.117	(0.959)	9813	1.00000	0.8851
$	5 2-Chlorophenol-d4	132	7.112	7.112	(0.958)	6793	1.00000	0.8890
	4 Bis(2-Chloroethyl)ether	93	7.144	7.144	(0.963)	8206	1.00000	0.9401
	6 2-Chlorophenol	128	7.139	7.139	(0.962)	6280	1.00000	0.8675
	7 1,3-Dichlorobenzene	146	7.347	7.347	(0.990)	7014	1.00000	0.9092
*	8 1,4-Dichlorobenzene-d4	152	7.422	7.427	(1.000)	105446	20.0000	
	9 1,4-Dichlorobenzene	146	7.454	7.454	(1.004)	7668	1.00000	0.9556
$	10 1,2-Dichlorobenzene-d4	152	7.748	7.748	(1.044)	4286	1.00000	0.5761(M)
	12 1,2-Dichlorobenzene	146	7.769	7.769	(1.047)	6506	1.00000	0.8889
	11 Benzyl alcohol	108	7.817	7.817	(1.053)	505	1.00000	0.1581
	14 2,2'-oxybis(1-Chloropropane)	45	8.095	8.089	(1.091)	7856	1.00000	0.9521
	13 2-Methylphenol	108	8.116	8.116	(1.094)	6338	1.00000	0.9155
	17 Hexachloroethane	117	8.271	8.276	(1.114)	2706	1.00000	0.8552
	16 N-Nitroso-di-n-propylamine	70	8.325	8.325	(1.122)	6360	1.00000	0.9258
	15 4-Methylphenol	108	8.378	8.378	(1.129)	5865	1.00000	0.8273
$	18 Nitrobenzene-d5	82	8.458	8.458	(0.883)	9660	1.00000	0.9509
	19 Nitrobenzene	77	8.485	8.490	(0.886)	10155	1.00000	0.9837
	20 Isophorone	82	8.902	8.896	(0.930)	16567	1.00000	0.9644
	21 2-Nitrophenol	139	9.030	9.030	(0.943)	2873	1.00000	0.7420
	22 2,4-Dimethylphenol	107	9.222	9.222	(0.963)	6580	1.00000	0.8614
	23 Bis(2-Chloroethoxy)methane	93	9.350	9.356	(0.977)	9576	1.00000	0.9734
	24 Benzoic acid	105	9.404	9.527	(0.982)	5594	5.00000	1.761(H)
	25 2,4-Dichlorophenol	162	9.436	9.436	(0.985)	4029	1.00000	0.7466
	26 1,2,4-Trichlorobenzene	180	9.532	9.537	(0.996)	5860	1.00000	0.9573
*	27 Naphthalene-d8	136	9.575	9.580	(1.000)	380095	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.607	9.607	(1.003)	20478	1.00000	0.9878
	29 4-Chloroaniline	127	9.815	9.815	(1.025)	7703	1.00000	0.9089
	30 Hexachlorobutadiene	225	9.954	9.949	(1.040)	3228	1.00000	1.012
	31 4-Chloro-3-methylphenol	107	10.686	10.686	(1.116)	3632	1.00000	0.5669
	32 2-Methylnaphthalene	141	10.739	10.739	(1.122)	11020	1.00000	0.9691
	33 Hexachlorocyclopentadiene	237	11.119	11.124	(0.895)	638	1.00000	0.2887
	34 2,4,6-Trichlorophenol	196	11.290	11.289	(0.909)	2878	1.00000	0.7861
	35 2,4,5-Trichlorophenol	196	11.348	11.343	(0.914)	2297	1.00000	0.6200
$	36 2-Fluorobiphenyl	172	11.402	11.407	(0.918)	13157	1.00000	1.008
	37 2-Chloronaphthalene	162	11.503	11.503	(0.926)	11124	1.00000	0.9704
	38 2-Nitroaniline	65	11.792	11.792	(0.949)	3085	1.00000	0.6287
	39 Dimethylphthalate	163	12.176	12.182	(0.980)	12660	1.00000	0.9977
	40 Acenaphthylene	152	12.166	12.166	(0.979)	18189	1.00000	0.9697
	41 2,6-Dinitrotoluene	165	12.267	12.272	(0.988)	2185	1.00000	0.7520
*	42 Acenaphthene-d10	164	12.422	12.422	(1.000)	199902	20.0000	
	43 3-Nitroaniline	138	12.465	12.470	(1.003)	2106	1.00000	0.6361(M)
	44 Acenaphthene	153	12.465	12.470	(1.003)	11770	1.00000	0.9774
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	12.721	12.726	(1.024)	15347	1.00000	1.004
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	12.871	12.876	(1.036)	2707	1.00000	0.7353
	50 Diethylphthalate	149	13.309	13.319	(1.071)	12535	1.00000	0.9913
	49 Fluorene	166	13.266	13.271	(1.068)	12271	1.00000	0.9657
	51 4-Chlorophenyl-phenylether	204	13.330	13.330	(1.073)	6114	1.00000	1.001
	52 4-Nitroaniline	138	13.437	13.448	(1.082)	1836	1.00000	0.5991
	53 4,6-Dinitro-2-methylphenol	198	13.496	13.506	(0.916)	1124	5.00000	0.5261
	54 N-Nitrosodiphenylamine	169	13.549	13.554	(0.919)	6258	1.00000	0.9476
$	55 2,4,6-Tribromophenol	330	13.699	13.704	(1.103)	787	1.00000	0.6155
	56 4-Bromophenyl-phenylether	248	14.089	14.094	(0.956)	2845	1.00000	0.9207
	57 Hexachlorobenzene	284	14.271	14.276	(0.968)	3013	1.00000	0.9451
	58 Pentachlorophenol	266	14.596	14.596	(0.990)	1172	1.00000	0.6297
*	59 Phenanthrene-d10	188	14.741	14.740	(1.000)	297989	20.0000	
	60 Phenanthrene	178	14.773	14.778	(1.002)	18342	1.00000	1.012
	61 Anthracene	178	14.837	14.842	(1.007)	17791	1.00000	0.9906
	62 Carbazole	167	15.163	15.168	(1.029)	13536	1.00000	0.9476
	63 Di-n-butylphthalate	149	15.927	15.926	(1.080)	17736	1.00000	0.9290
	64 Fluoranthene	202	16.664	16.669	(1.130)	15904	1.00000	0.9343
	65 Pyrene	202	17.006	17.011	(0.896)	17495	1.00000	0.9667
$	66 Terphenyl-d14	244	17.374	17.379	(0.916)	10254	1.00000	0.9455
	67 Butylbenzylphthalate	149	18.293	18.298	(0.964)	7455	1.00000	0.8982
	68 Benzo(a)anthracene	228	18.945	18.950	(0.999)	15746	1.00000	0.9857
*	69 Chrysene-d12	240	18.972	18.977	(1.000)	232131	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.020	19.025	(1.003)	4236	1.00000	0.7978
	71 Chrysene	228	19.009	19.014	(1.002)	16207	1.00000	1.031
	72 bis(2-Ethylhexyl)phthalate	149	19.292	19.297	(0.954)	10780	1.00000	0.9372
*	134 Di-n-octylphthalate-d4	153	20.216	20.221	(1.000)	420202	20.0000	
	73 Di-n-octylphthalate	149	20.227	20.232	(1.001)	22447	1.00000	1.030

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	20.564	20.574	(0.975)	16519	1.00000	0.9202(H)
75	Benzo(k)fluoranthene	252	20.596	20.606	(0.976)	16980	1.00000	0.9507
76	Benzo(a)pyrene	252	21.002	21.007	(0.995)	14669	1.00000	0.9311
* 77	Perylene-d12	264	21.098	21.098	(1.000)	254285	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.412	22.422	(1.062)	14041	1.00000	0.8338
79	Dibenzo(a,h)anthracene	278	22.444	22.454	(1.064)	13014	1.00000	0.8512
80	Benzo(g,h,i)perylene	276	22.695	22.711	(1.076)	14969	1.00000	0.8932
90	N-Nitrosodimethylamine	74	2.347	2.336	(0.316)	4781	1.00000	0.9832
103	Pyridine	79	Compound Not Detected.					
91	Aniline	93	6.979	6.973	(0.940)	11755	1.00000	0.9515
105	1-methylnaphthalene	141	10.905	10.905	(1.139)	11394	1.00000	0.9867
93	Benzidine	184	16.990	16.989	(0.896)	4827	1.00000	1.237
98	Retene	219	17.588	17.593	(0.927)	4899	1.00000	0.8675
111	Azobenzene (1,2-DP-Hydrazine)	77	13.565	13.570	(1.092)	18574	1.00000	1.004
144	alpha-Terpineol	59	9.682	9.687	(1.011)	2910	1.00000	0.9492
143	1,4-Dioxane	58	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
133	Butylatedhydroxytoluene	205	12.647	12.652	(1.018)	8915	1.00000	0.9743
115	Tributyl Phosphate	99	13.699	13.709	(0.929)	15193	1.00000	0.9249
116	Dibutyl Phenyl Phosphate	175	15.382	15.381	(1.043)	7081	1.00000	0.8407
117	Butyl Diphenyl Phosphate	94	17.022	17.027	(0.897)	3462	1.00000	0.9068
118	Triphenyl Phosphate	326	18.592	18.592	(0.980)	2337	1.00000	0.9587

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: 0010802.d
Lab Smp Id: ABN 1
Analysis Type: SV
Quant Type: ISTD
Operator: VS
Method File: /chem3/nt4.i/20050802.b/SW846.m
Misc Info:

Calibration Date: 02-AUG-2005
Calibration Time: 17:35

Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	124009	62004	248018	105446	-14.97
27 Naphthalene-d8	439086	219543	878172	380095	-13.43
42 Acenaphthene-d10	234157	117078	468314	199902	-14.63
59 Phenanthrene-d10	344042	172021	688084	297989	-13.39
69 Chrysene-d12	264444	132222	528888	232131	-12.22
134 Di-n-octylphthala	474443	237222	948886	420202	-11.43
77 Perylene-d12	280601	140300	561202	254285	-9.38

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.43	6.93	7.93	7.42	-0.10
27 Naphthalene-d8	9.58	9.08	10.08	9.57	-0.07
42 Acenaphthene-d10	12.42	11.92	12.92	12.42	-0.01
59 Phenanthrene-d10	14.74	14.24	15.24	14.74	-0.01
69 Chrysene-d12	18.98	18.48	19.48	18.97	-0.04
134 Di-n-octylphthala	20.22	19.72	20.72	20.22	-0.01
77 Perylene-d12	21.10	20.60	21.60	21.10	-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.

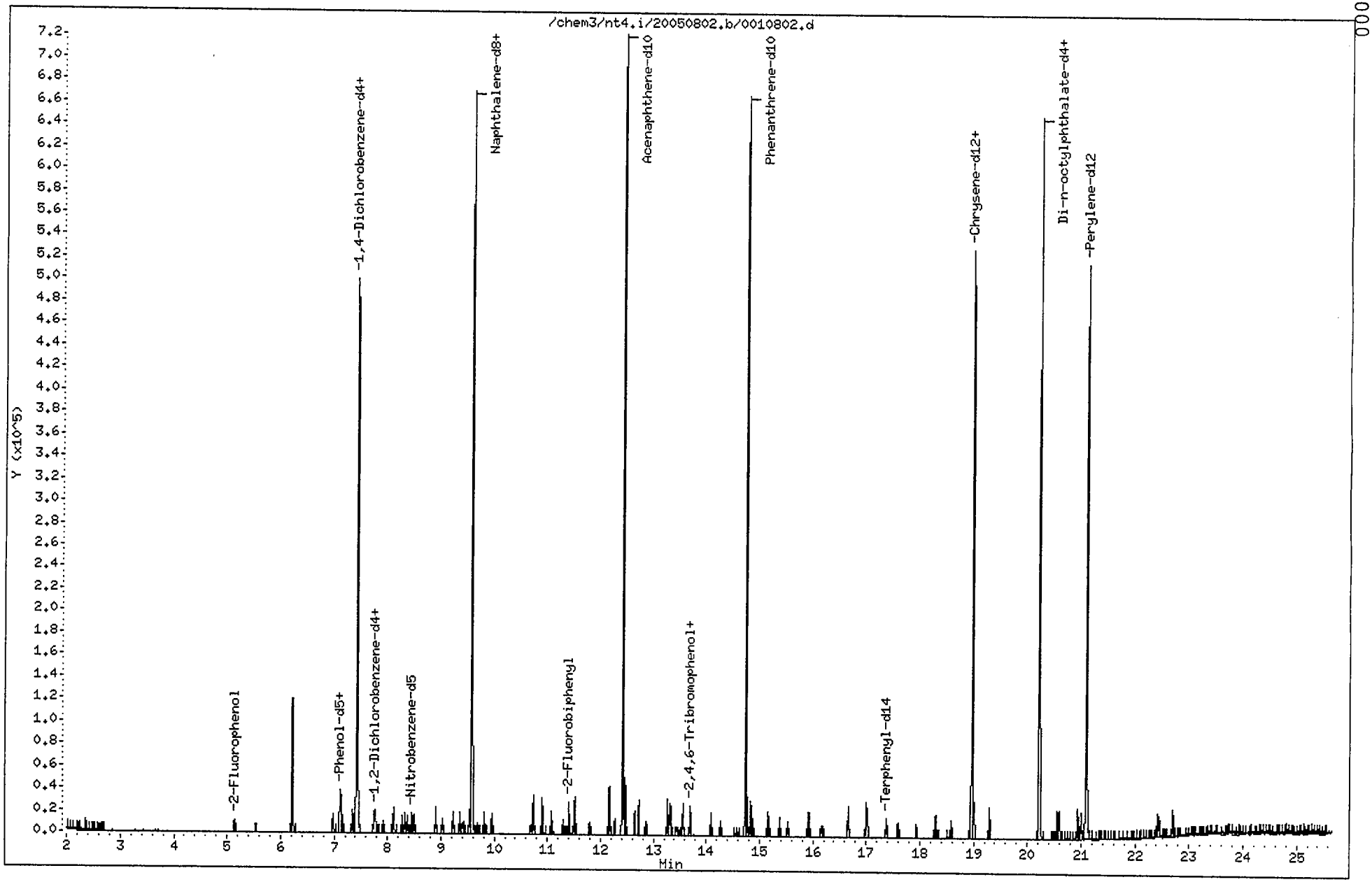
Data File: /chem3/nt4.i/20050802.b/0010802.d
Date : 02-AUG-2005 18:42
Client ID:
Sample Info: ABN 1

Instrument: nt4.i

Operator: VS
Column diameter: 0.32

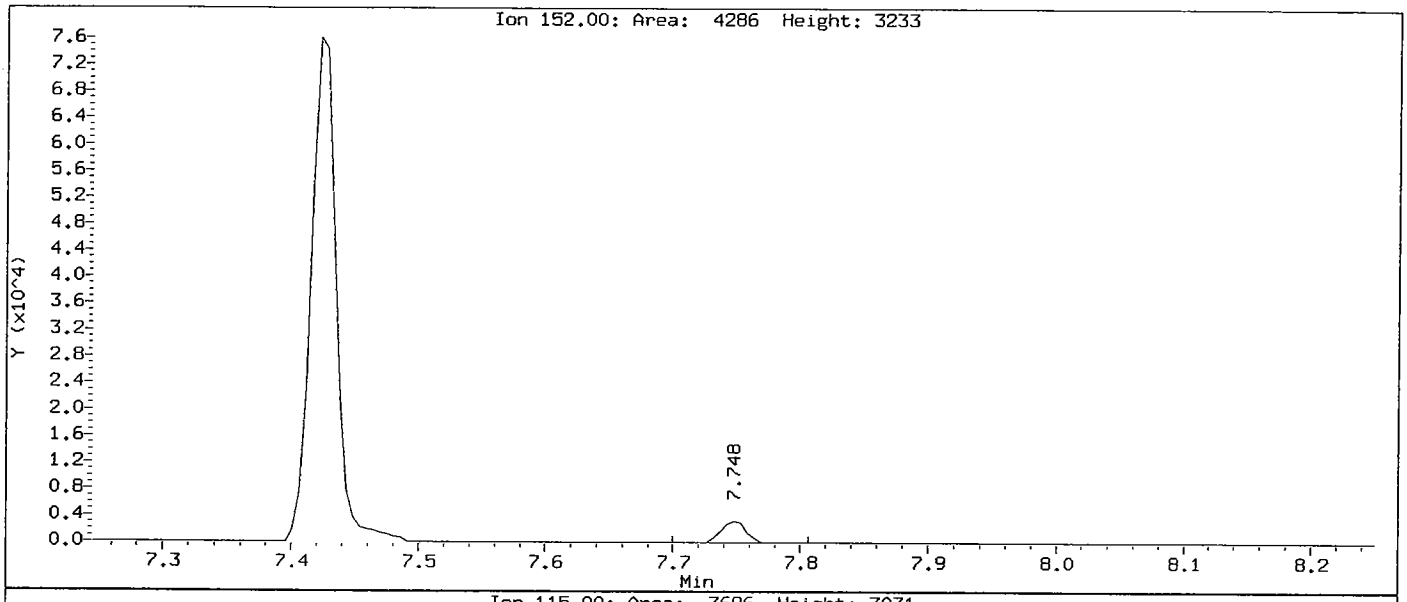
Column phase: RTX-5

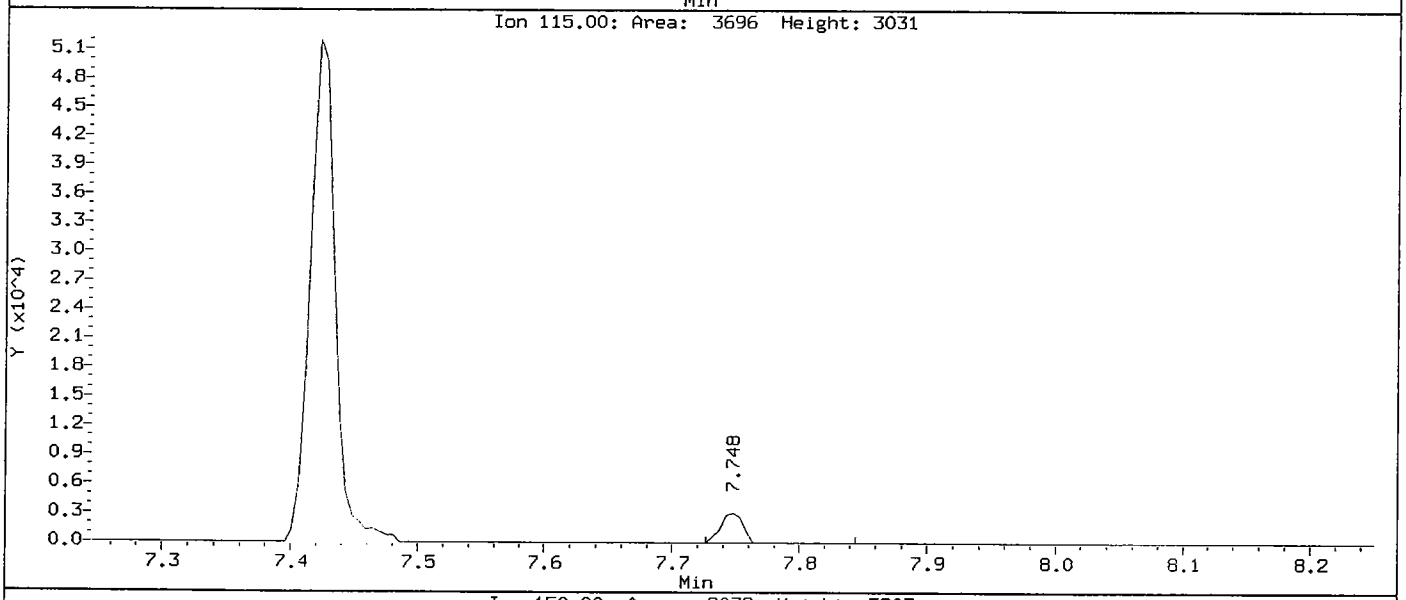
000481

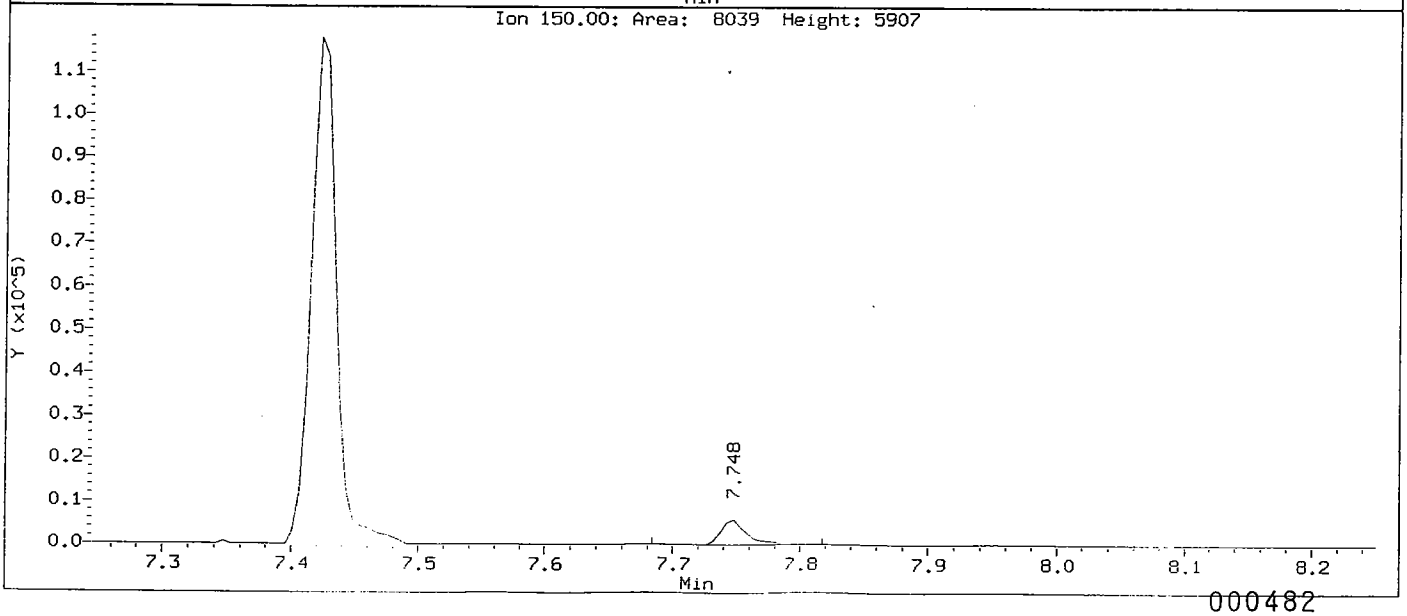


Data File: /chem3/nt4.i/20050802.b/0010802.d
Injection Date: 02-AUG-2005 18:42
Instrument: nt4.i
Client Sample ID:

Compound: 1,2-Dichlorobenzene-d4
CAS Number: 2199-69-1

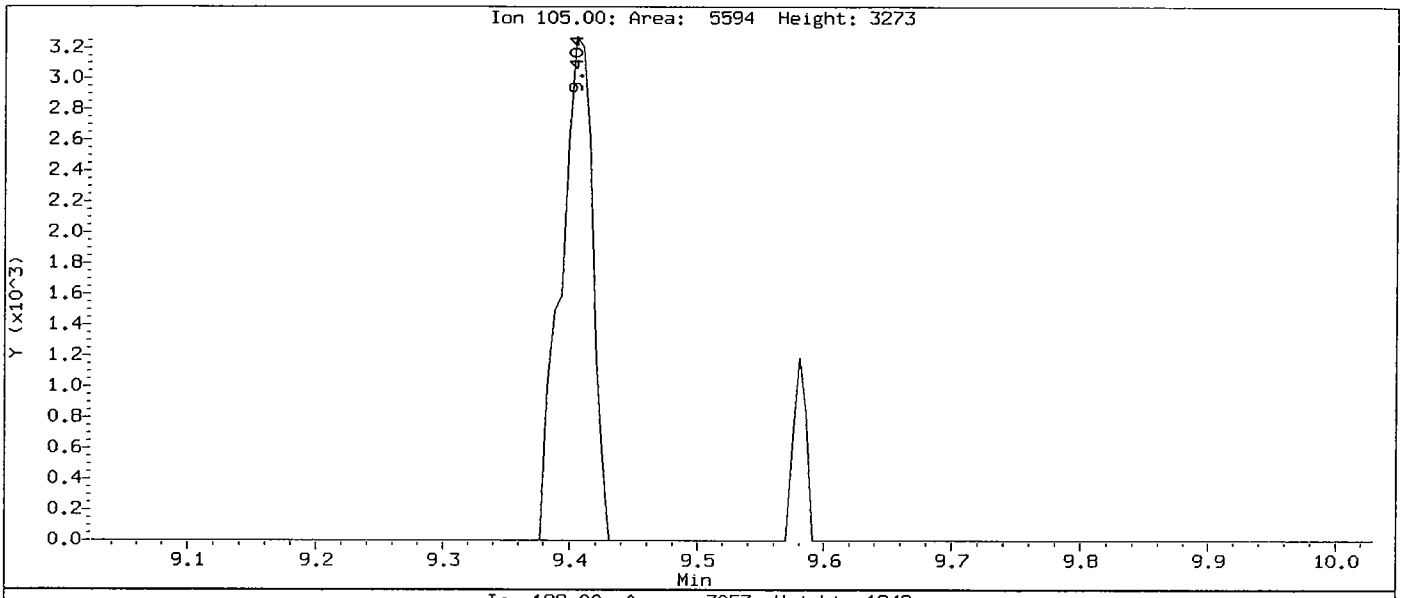


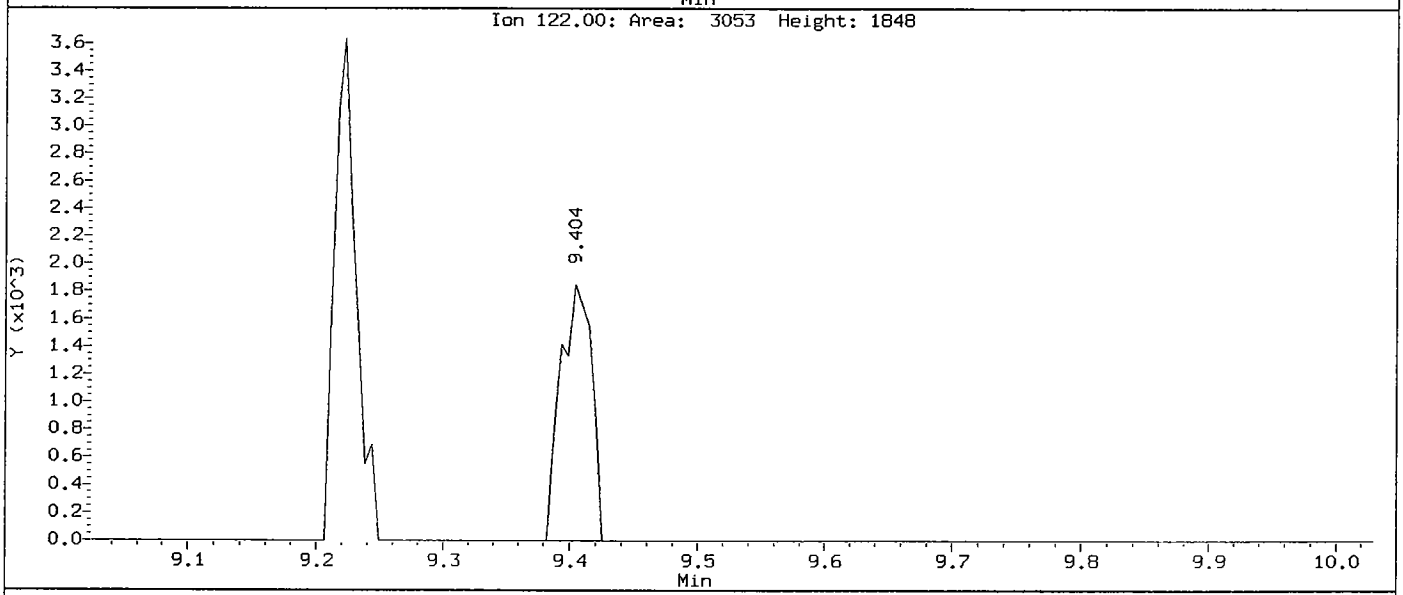


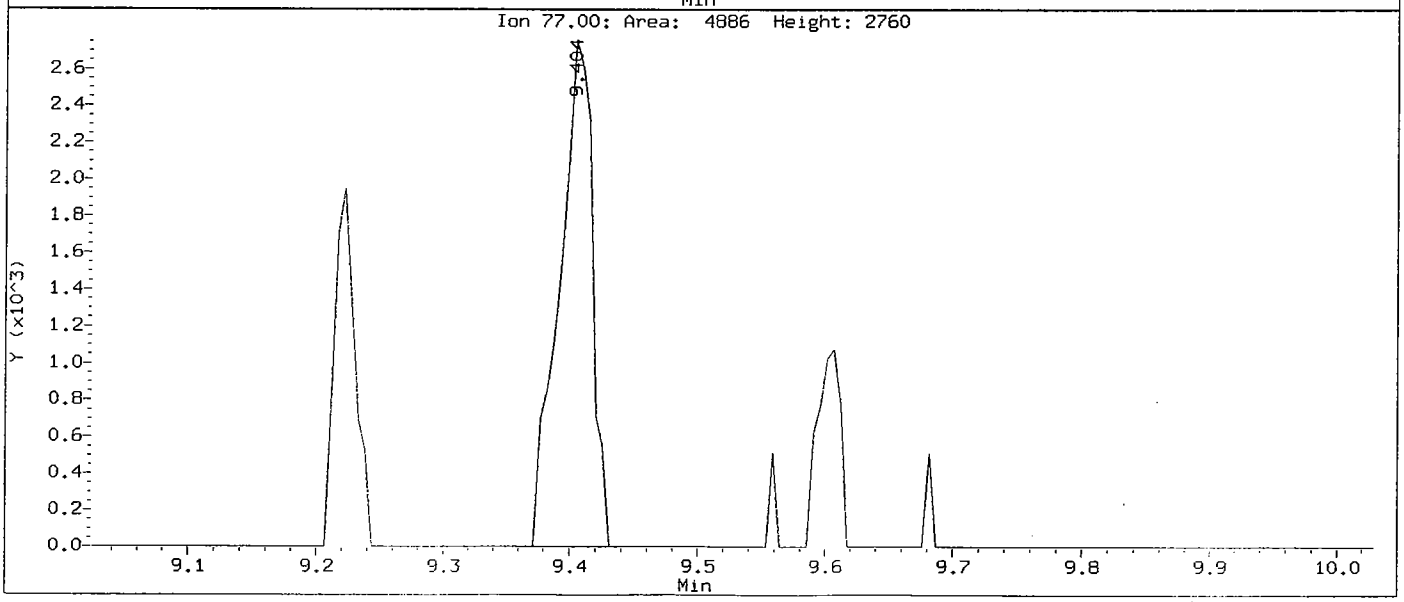


Data File: /chem3/nt4.i/20050802.b/0010802.d
Injection Date: 02-AUG-2005 18:42
Instrument: nt4.i
Client Sample ID:

Compound: Benzoic acid
CAS Number: 65-85-0

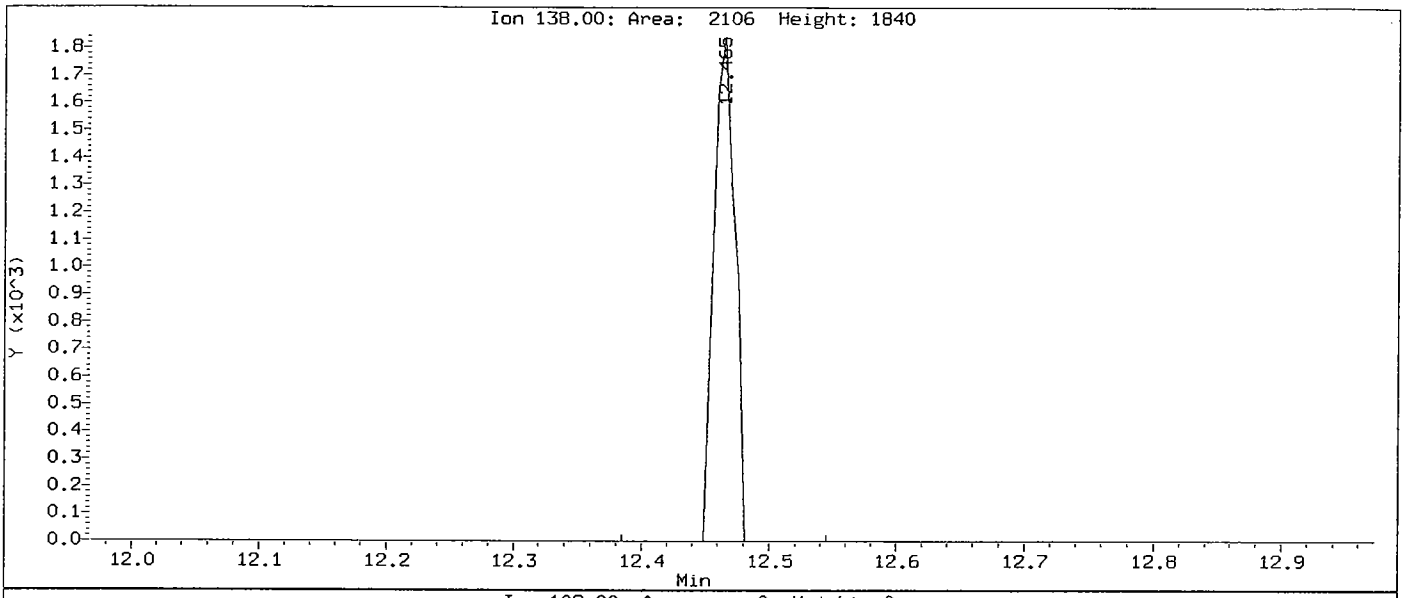


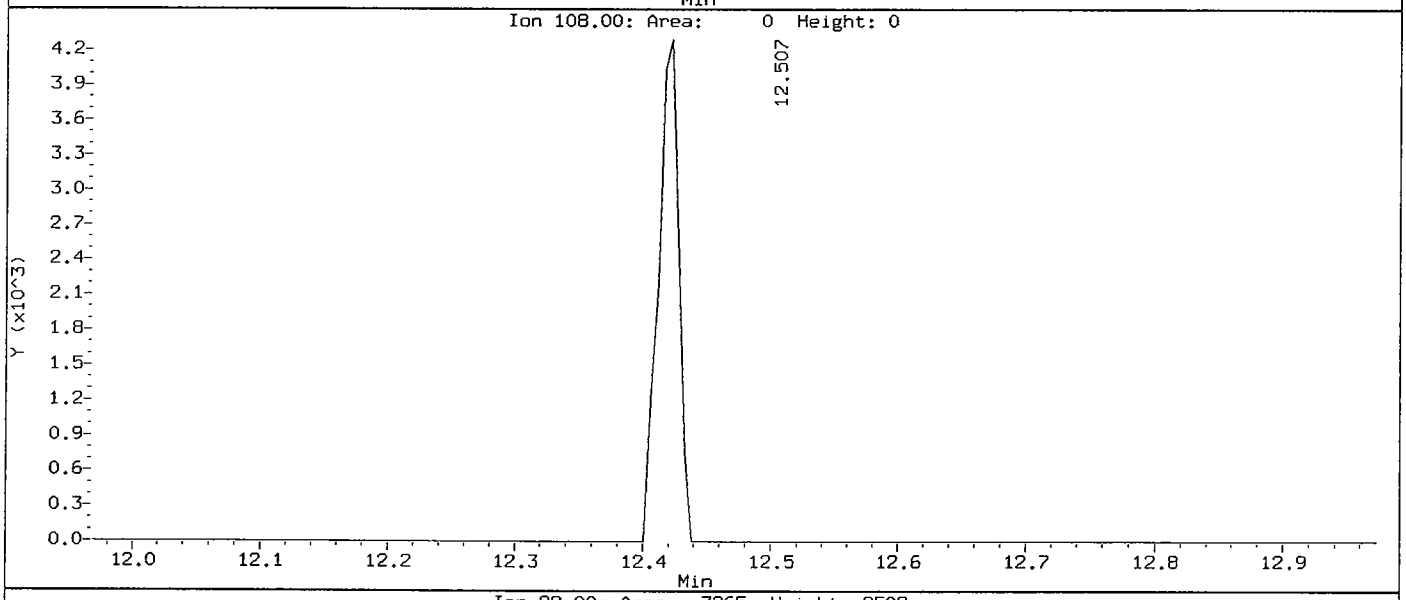


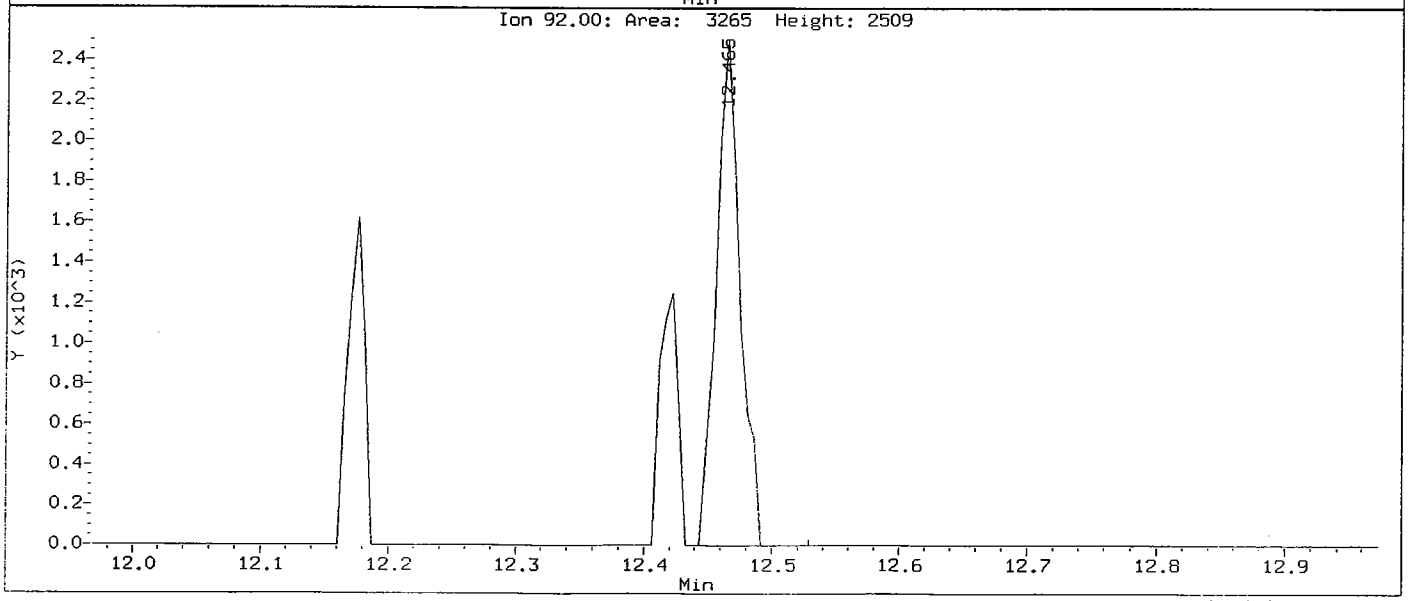


Data File: /chem3/nt4.i/20050802.b/0010802.d
Injection Date: 02-AUG-2005 18:42
Instrument: nt4.i
Client Sample ID:

Compound: 3-Nitroaniline
CAS Number: 99-09-2

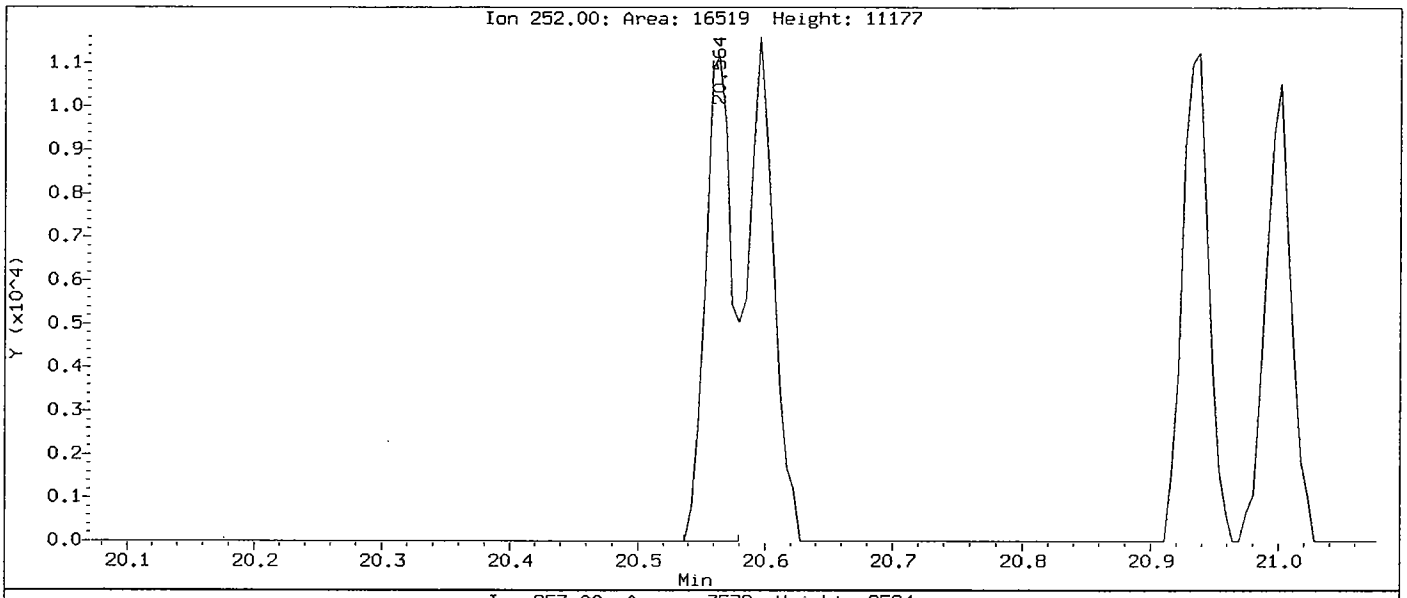


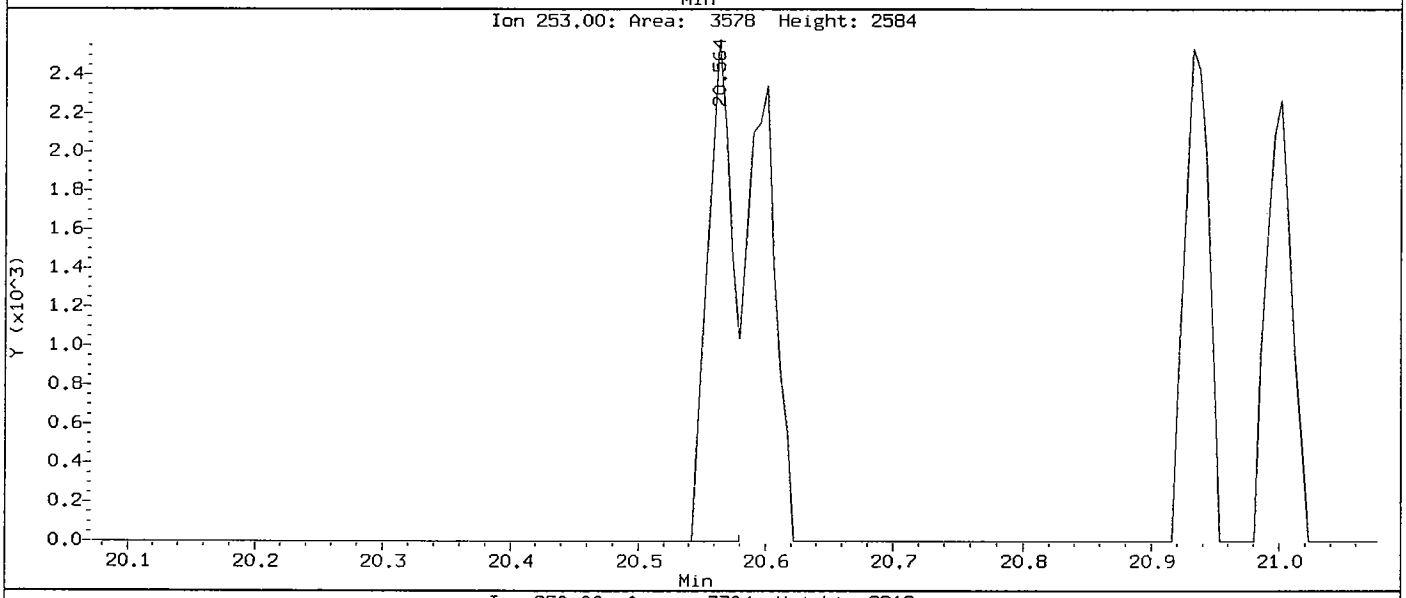


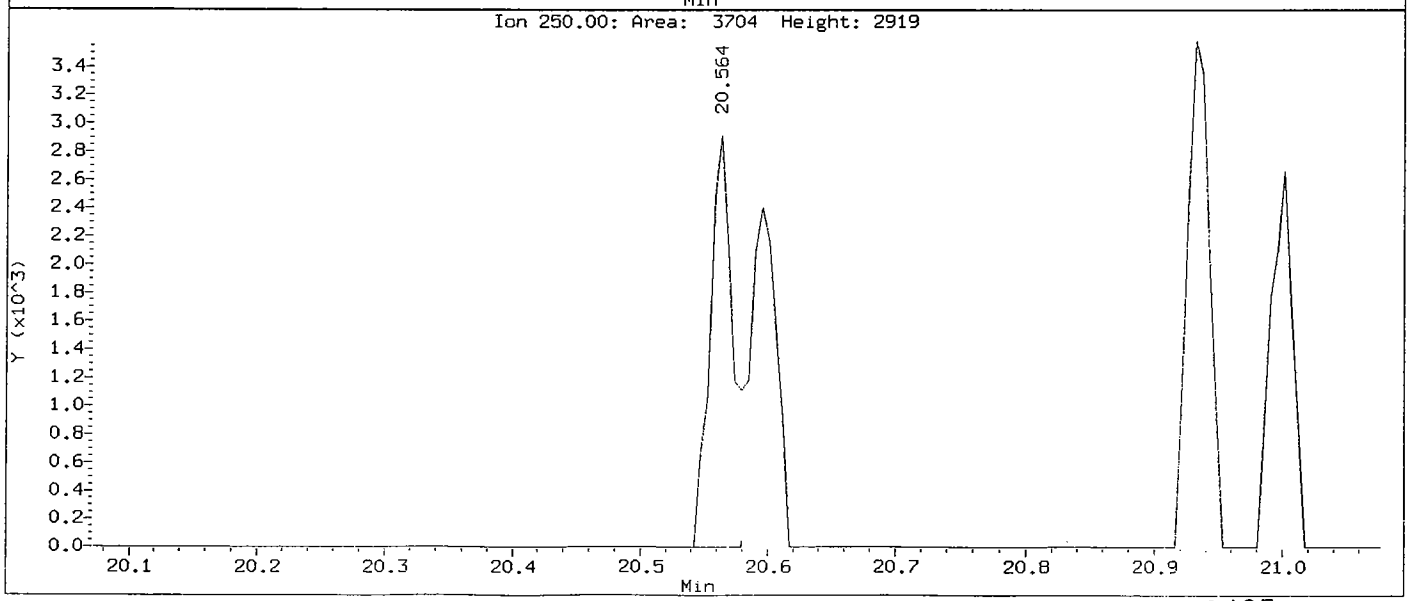


Data File: /chem3/nt4.i/20050802.b/0010802.d
Injection Date: 02-AUG-2005 18:42
Instrument: nt4.i
Client Sample ID:

Compound: Benzo(b)fluoranthene
CAS Number: 205-99-2







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem3/nt4.i/20050802.b/0050802.d
Lab Smp Id: ABN 5
Inj Date : 02-AUG-2005 19:48
Operator : VS Inst ID: nt4.i
Smp Info : ABN 5
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20050802.b/SW846.m
Meth Date : 03-Aug-2005 13:34 jeff Quant Type: ISTD
Cal Date : 02-AUG-2005 19:48 Cal File: 0050802.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	5.134	5.130	(0.691)	34156	5.00000	4.919
$	2 Phenol-d5	99	7.094	7.101	(0.955)	43102	5.00000	4.725
	3 Phenol	94	7.115	7.117	(0.958)	53043	5.00000	5.109
$	5 2-Chlorophenol-d4	132	7.110	7.112	(0.958)	36688	5.00000	5.127
	4 Bis(2-Chloroethyl)ether	93	7.142	7.144	(0.962)	40847	5.00000	4.997
	6 2-Chlorophenol	128	7.137	7.139	(0.961)	34177	5.00000	5.042
	7 1,3-Dichlorobenzene	146	7.345	7.347	(0.989)	36163	5.00000	5.006
*	8 1,4-Dichlorobenzene-d4	152	7.425	7.427	(1.000)	98745	20.0000	
	9 1,4-Dichlorobenzene	146	7.452	7.454	(1.004)	38261	5.00000	5.092
$	10 1,2-Dichlorobenzene-d4	152	7.746	7.748	(1.043)	22998	5.00000	7.234(M)
	12 1,2-Dichlorobenzene	146	7.767	7.769	(1.046)	35103	5.00000	5.121
	11 Benzyl alcohol	108	7.810	7.817	(1.052)	15561	5.00000	5.061(M)
	14 2,2'-oxybis(1-Chloropropane)	45	8.093	8.089	(1.090)	39615	5.00000	5.127
	13 2-Methylphenol	108	8.114	8.116	(1.093)	33710	5.00000	5.200
	17 Hexachloroethane	117	8.275	8.276	(1.114)	15098	5.00000	5.096
	16 N-Nitroso-di-n-propylamine	70	8.323	8.325	(1.121)	33968	5.00000	5.280
	15 4-Methylphenol	108	8.376	8.378	(1.128)	33624	5.00000	5.065
$	18 Nitrobenzene-d5	82	8.456	8.458	(0.883)	49989	5.00000	5.157
	19 Nitrobenzene	77	8.488	8.490	(0.886)	51996	5.00000	5.278
	20 Isophorone	82	8.894	8.896	(0.929)	84115	5.00000	5.132
	21 2-Nitrophenol	139	9.028	9.030	(0.943)	17331	5.00000	4.691
	22 2,4-Dimethylphenol	107	9.220	9.222	(0.963)	36975	5.00000	5.073
	23 Bis(2-Chloroethoxy)methane	93	9.354	9.356	(0.977)	47126	5.00000	5.020
	24 Benzoic acid	105	9.477	9.527	(0.989)	45562	10.0000	15.03
	25 2,4-Dichlorophenol	162	9.434	9.436	(0.985)	24431	5.00000	4.745
	26 1,2,4-Trichlorobenzene	180	9.530	9.537	(0.995)	28948	5.00000	4.956
*	27 Naphthalene-d8	136	9.578	9.580	(1.000)	362700	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.605	9.607	(1.003)	101877	5.00000	5.150
	29 4-Chloroaniline	127	9.813	9.815	(1.025)	41300	5.00000	5.107
	30 Hexachlorobutadiene	225	9.947	9.949	(1.038)	15427	5.00000	5.069
	31 4-Chloro-3-methylphenol	107	10.684	10.686	(1.115)	29104	5.00000	4.656(M)
	32 2-Methylnaphthalene	141	10.737	10.739	(1.121)	56933	5.00000	5.247
	33 Hexachlorocyclopentadiene	237	11.122	11.124	(0.895)	7890	5.00000	3.767
	34 2,4,6-Trichlorophenol	196	11.288	11.289	(0.909)	16077	5.00000	4.633
	35 2,4,5-Trichlorophenol	196	11.341	11.343	(0.913)	16220	5.00000	4.619
$	36 2-Fluorobiphenyl	172	11.405	11.407	(0.918)	64849	5.00000	5.243
	37 2-Chloronaphthalene	162	11.501	11.503	(0.926)	55969	5.00000	5.151
	38 2-Nitroaniline	65	11.790	11.792	(0.949)	23506	5.00000	5.054
	39 Dimethylphthalate	163	12.174	12.182	(0.980)	63320	5.00000	5.265
	40 Acenaphthylene	152	12.164	12.166	(0.979)	91714	5.00000	5.158
	41 2,6-Dinitrotoluene	165	12.271	12.272	(0.988)	13259	5.00000	4.814
*	42 Acenaphthene-d10	164	12.420	12.422	(1.000)	189475	20.0000	
	43 3-Nitroaniline	138	12.463	12.470	(1.003)	15088	5.00000	4.807
	44 Acenaphthene	153	12.468	12.470	(1.004)	59822	5.00000	5.241
	45 2,4-Dinitrophenol	184	12.623	12.625	(1.016)	6857	10.0000	5.081
	46 Dibenzofuran	168	12.725	12.726	(1.024)	75853	5.00000	5.233
	47 4-Nitrophenol	109	12.842	12.844	(1.034)	7304	5.00000	4.150
	48 2,4-Dinitrotoluene	165	12.874	12.876	(1.037)	17106	5.00000	4.902
	50 Diethylphthalate	149	13.318	13.319	(1.072)	63960	5.00000	5.337
	49 Fluorene	166	13.270	13.271	(1.068)	61692	5.00000	5.122
	51 4-Chlorophenyl-phenylether	204	13.328	13.330	(1.073)	29403	5.00000	5.077
	52 4-Nitroaniline	138	13.441	13.448	(1.082)	13606	5.00000	4.684
	53 4,6-Dinitro-2-methylphenol	198	13.499	13.506	(0.916)	16831	10.0000	8.368
	54 N-Nitrosodiphenylamine	169	13.547	13.554	(0.919)	32347	5.00000	5.202
$	55 2,4,6-Tribromophenol	330	13.697	13.704	(1.103)	5763	5.00000	4.755
	56 4-Bromophenyl-phenylether	248	14.092	14.094	(0.956)	15074	5.00000	5.182
	57 Hexachlorobenzene	284	14.274	14.276	(0.968)	15512	5.00000	5.168
	58 Pentachlorophenol	266	14.594	14.596	(0.990)	7490	5.00000	4.275
*	59 Phenanthrene-d10	188	14.739	14.740	(1.000)	280559	20.0000	
	60 Phenanthrene	178	14.771	14.778	(1.002)	88736	5.00000	5.200
	61 Anthracene	178	14.840	14.842	(1.007)	87778	5.00000	5.191
	62 Carbazole	167	15.166	15.168	(1.029)	69713	5.00000	5.183
	63 Di-n-butylphthalate	149	15.925	15.926	(1.080)	94365	5.00000	5.250
	64 Fluoranthene	202	16.667	16.669	(1.131)	82200	5.00000	5.129
	65 Pyrene	202	17.004	17.011	(0.896)	86683	5.00000	5.188
$	66 Terphenyl-d14	244	17.378	17.379	(0.916)	51923	5.00000	5.186
	67 Butylbenzylphthalate	149	18.291	18.298	(0.964)	39862	5.00000	5.203
	68 Benzo(a)anthracene	228	18.948	18.950	(0.999)	74789	5.00000	5.072
*	69 Chrysene-d12	240	18.975	18.977	(1.000)	214293	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.023	19.025	(1.003)	24893	5.00000	5.078
	71 Chrysene	228	19.007	19.014	(1.002)	74637	5.00000	5.141
	72 bis(2-Ethylhexyl)phthalate	149	19.296	19.297	(0.954)	54087	5.00000	5.125
*	134 Di-n-octylphthalate-d4	153	20.220	20.221	(1.000)	385511	20.0000	
	73 Di-n-octylphthalate	149	20.225	20.232	(1.000)	105549	5.00000	5.280

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	20.567	20.574	(0.975)	77309	5.00000	4.680(H)
75	Benzo(k)fluoranthene	252	20.599	20.606	(0.976)	83360	5.00000	4.999
76	Benzo(a)pyrene	252	21.005	21.007	(0.996)	75758	5.00000	5.151
* 77	Perylene-d12	264	21.096	21.098	(1.000)	237397	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.415	22.422	(1.063)	70585	5.00000	4.490
79	Dibenzo(a,h)anthracene	278	22.453	22.454	(1.064)	62718	5.00000	4.394
80	Benzo(g,h,i)perylene	276	22.704	22.711	(1.076)	75990	5.00000	4.857
90	N-Nitrosodimethylamine	74	2.340	2.336	(0.315)	24968	5.00000	5.483
103	Pyridine	79	2.334	2.320	(0.314)	35834	5.00000	5.018(M)
91	Aniline	93	6.971	6.973	(0.939)	59565	5.00000	5.149
105	1-methylnaphthalene	141	10.903	10.905	(1.138)	56581	5.00000	5.135
93	Benzidine	184	16.993	16.989	(0.896)	22873	5.00000	6.349
98	Retene	219	17.591	17.593	(0.927)	27165	5.00000	5.211
111	Azobenzene (1,2-DP-Hydrazine)	77	13.569	13.570	(1.092)	93885	5.00000	5.355
144	alpha-Terpineol	59	9.685	9.687	(1.011)	15318	5.00000	5.236
143	1,4-Dioxane	58	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
133	Butylatedhydroxytoluene	205	12.645	12.652	(1.018)	44684	5.00000	5.152
115	Tributyl Phosphate	99	13.702	13.709	(0.930)	83687	5.00000	5.411
116	Dibutyl Phenyl Phosphate	175	15.380	15.381	(1.043)	41251	5.00000	5.202
117	Butyl Diphenyl Phosphate	94	17.020	17.027	(0.897)	19402	5.00000	5.505
118	Triphenyl Phosphate	326	18.590	18.592	(0.980)	11749	5.00000	5.221

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: 0050802.d
Lab Smp Id: ABN 5
Analysis Type: SV
Quant Type: ISTD
Operator: VS
Method File: /chem3/nt4.i/20050802.b/SW846.m
Misc Info:

Calibration Date: 02-AUG-2005
Calibration Time: 17:35

Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	124009	62004	248018	98745	-20.37
27 Naphthalene-d8	439086	219543	878172	362700	-17.40
42 Acenaphthene-d10	234157	117078	468314	189475	-19.08
59 Phenanthrene-d10	344042	172021	688084	280559	-18.45
69 Chrysene-d12	264444	132222	528888	214293	-18.96
134 Di-n-octylphthala	474443	237222	948886	385511	-18.74
77 Perylene-d12	280601	140300	561202	237397	-15.40

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.43	6.93	7.93	7.43	-0.05
27 Naphthalene-d8	9.58	9.08	10.08	9.58	-0.04
42 Acenaphthene-d10	12.42	11.92	12.92	12.42	-0.03
59 Phenanthrene-d10	14.74	14.24	15.24	14.74	-0.03
69 Chrysene-d12	18.98	18.48	19.48	18.98	-0.02
134 Di-n-octylphthala	20.22	19.72	20.72	20.22	0.01
77 Perylene-d12	21.10	20.60	21.60	21.10	-0.02

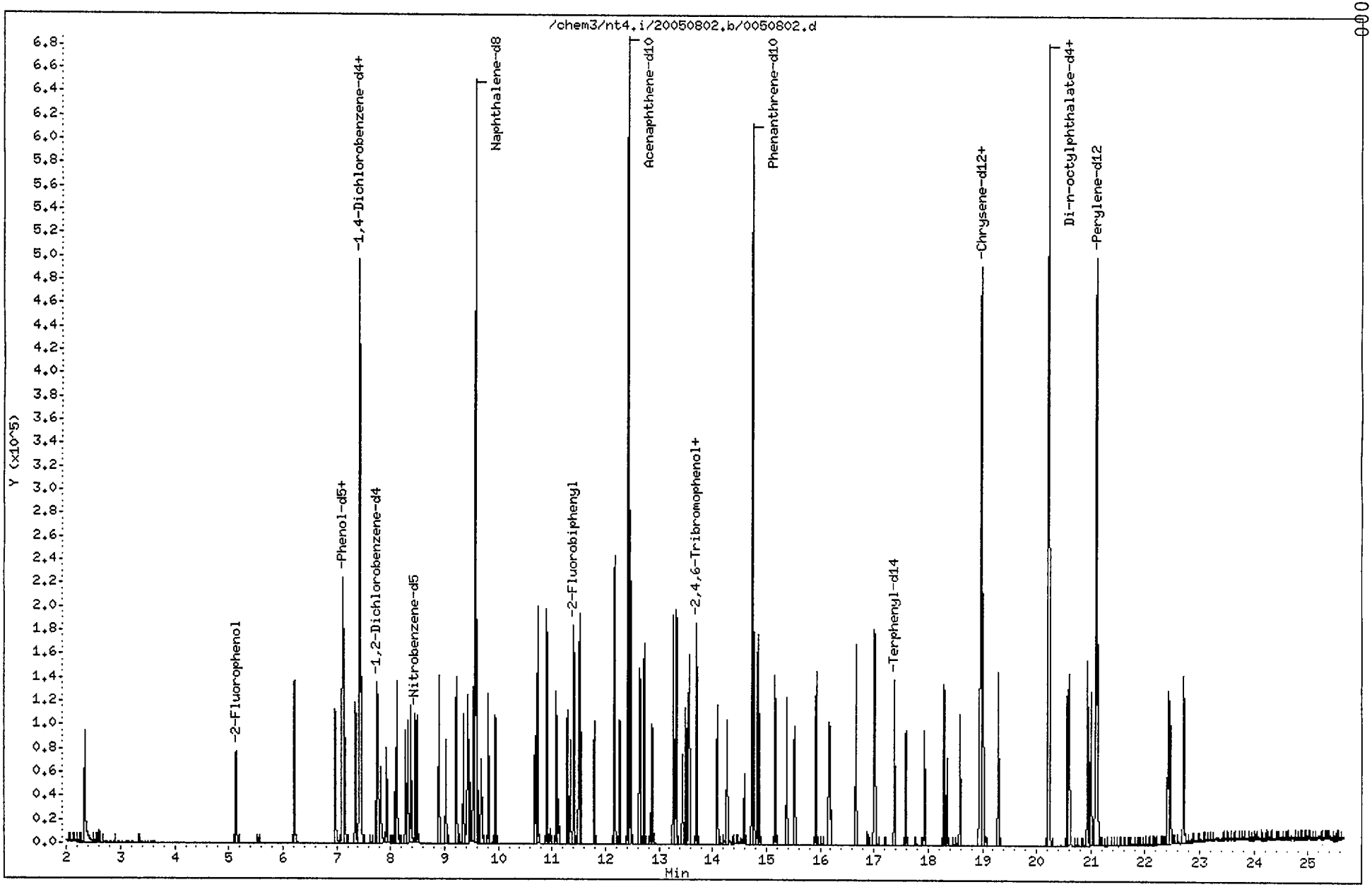
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20050802.b/0050802.d
Date : 02-AUG-2005 19:48
Client ID:
Sample Info: ABN 5

Instrument: nt4.i

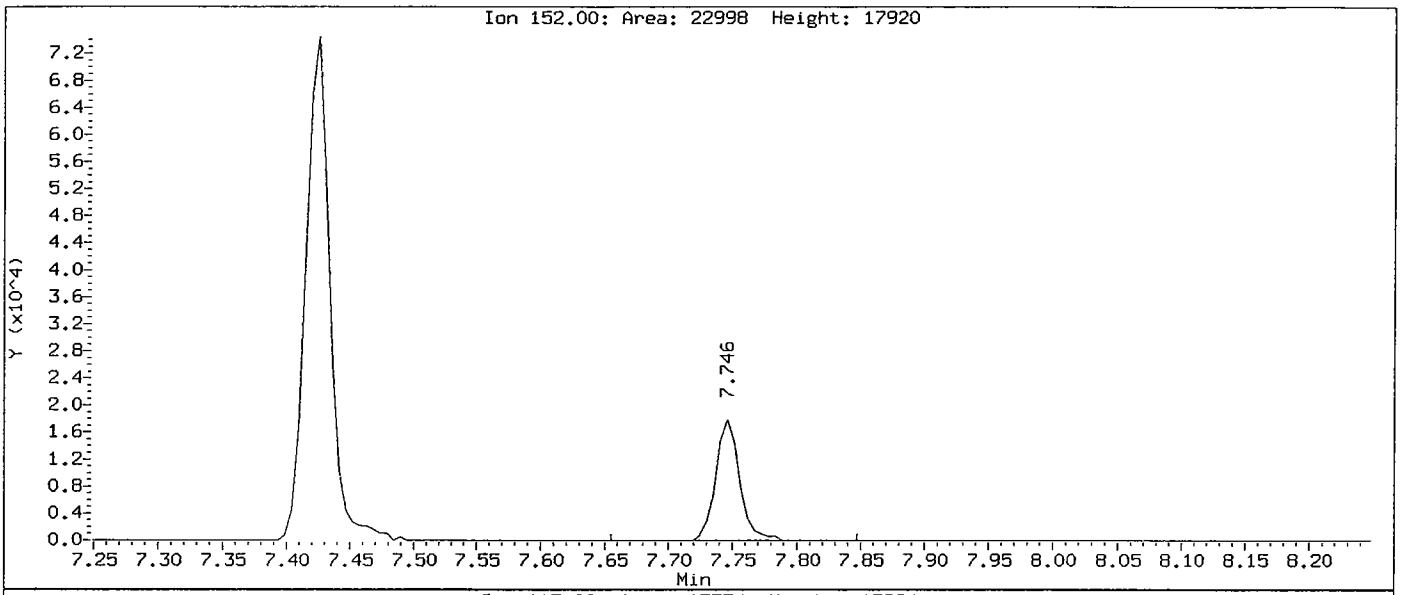
Operator: VS
Column diameter: 0.32

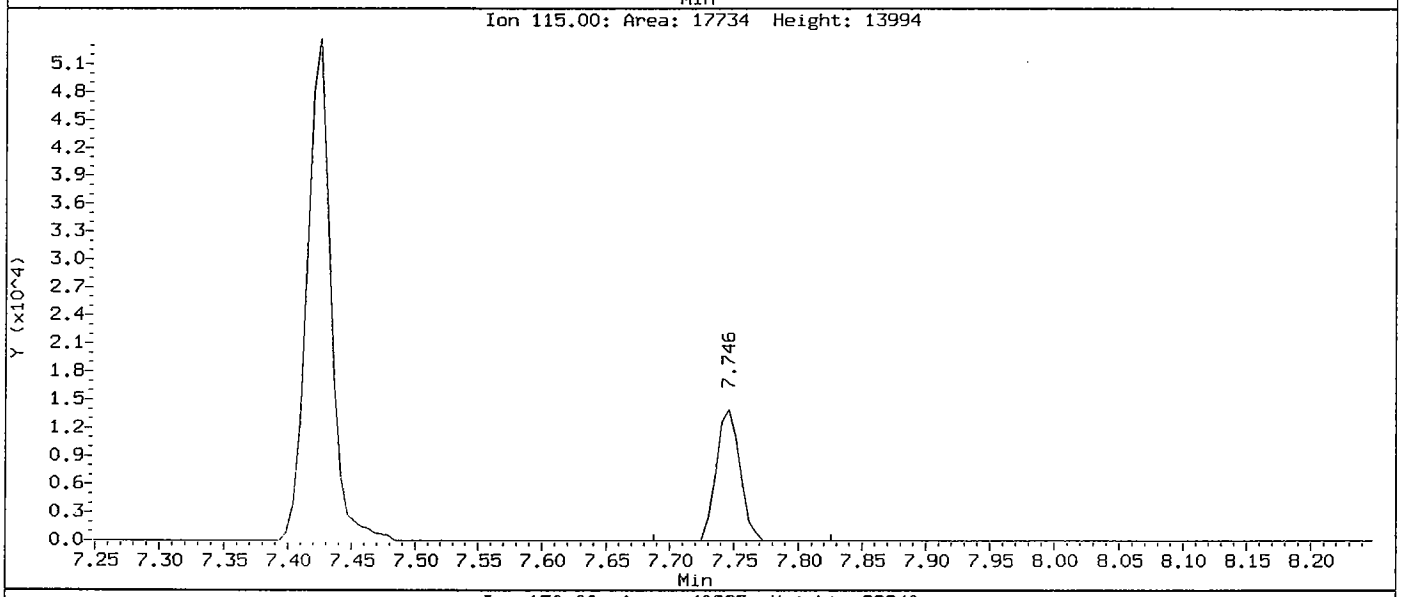
Column phase: RTX-5

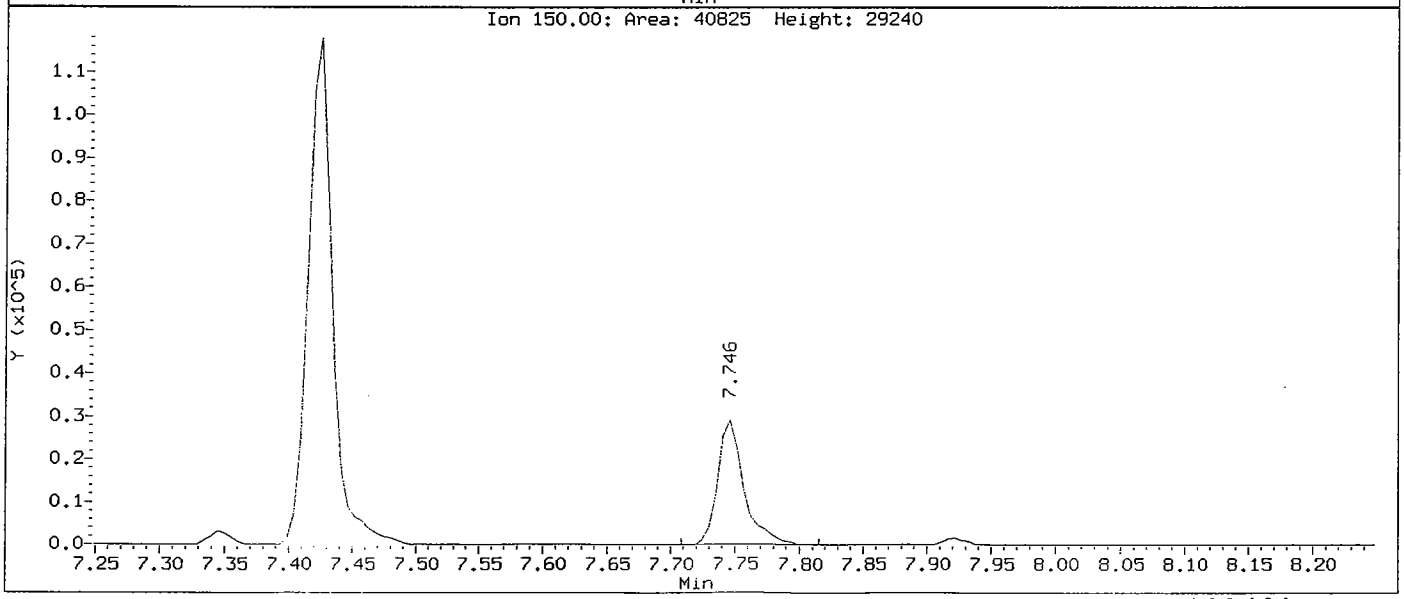


Data File: /chem3/nt4.i/20050802.b/0050802.d
Injection Date: 02-AUG-2005 19:48
Instrument: nt4.i
Client Sample ID:

Compound: 1,2-Dichlorobenzene-d4
CAS Number: 2199-69-1

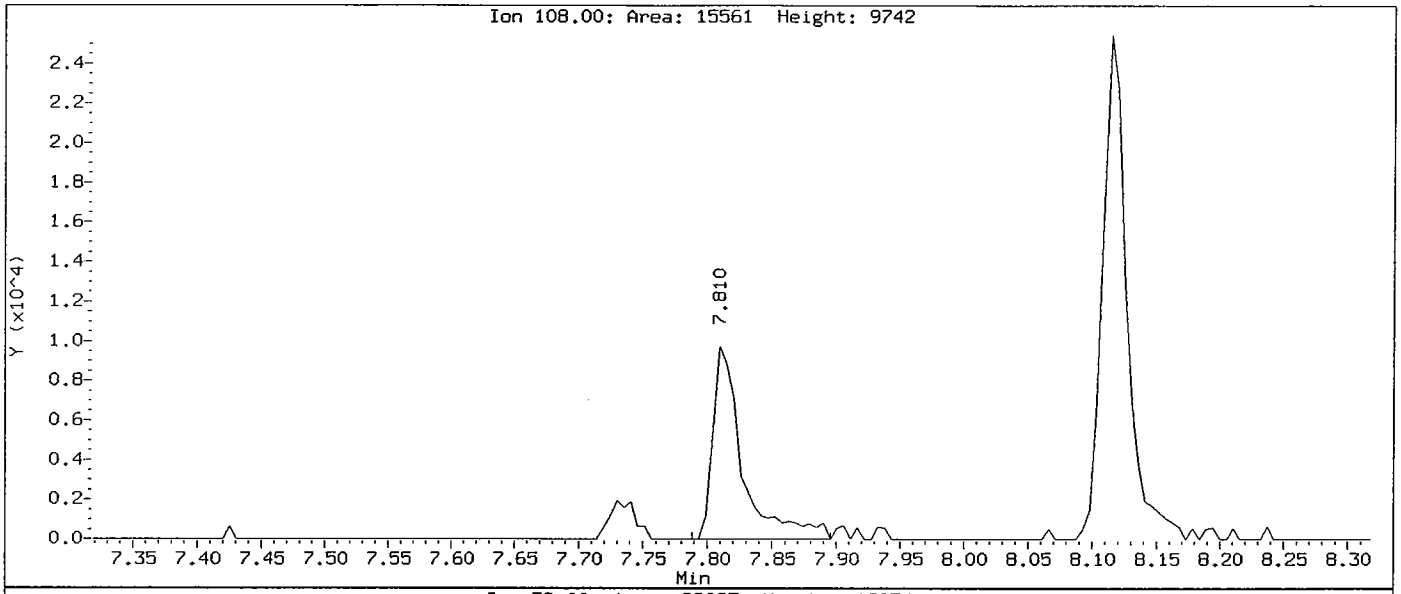


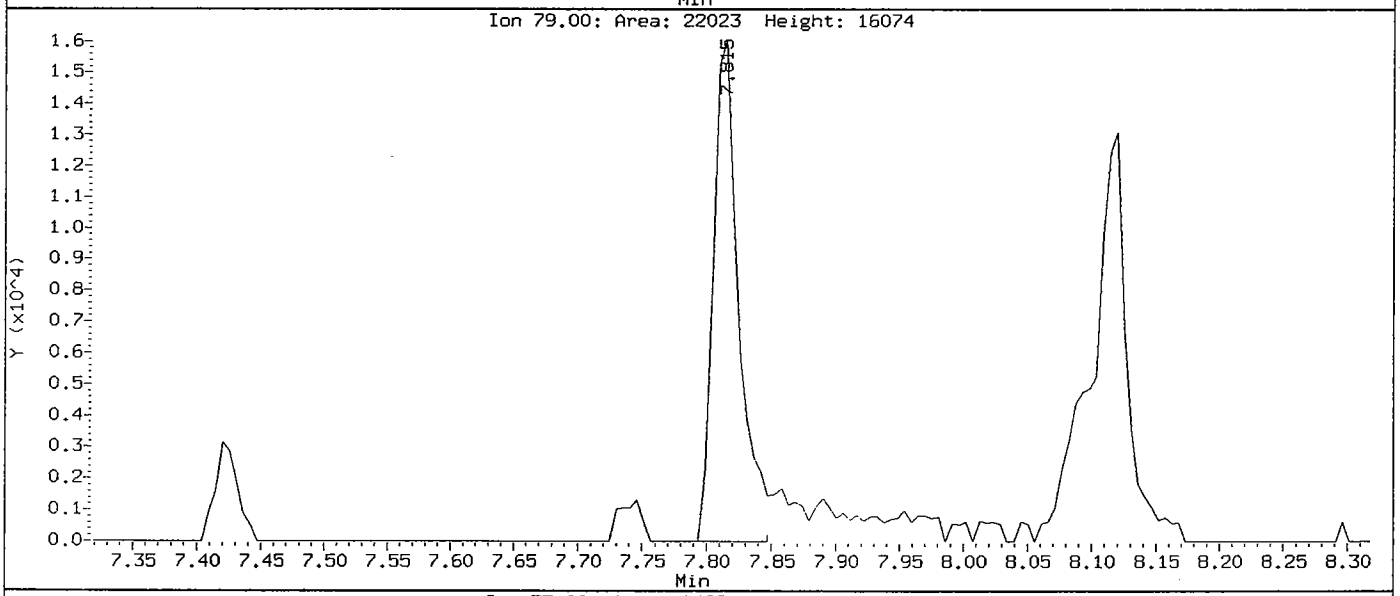


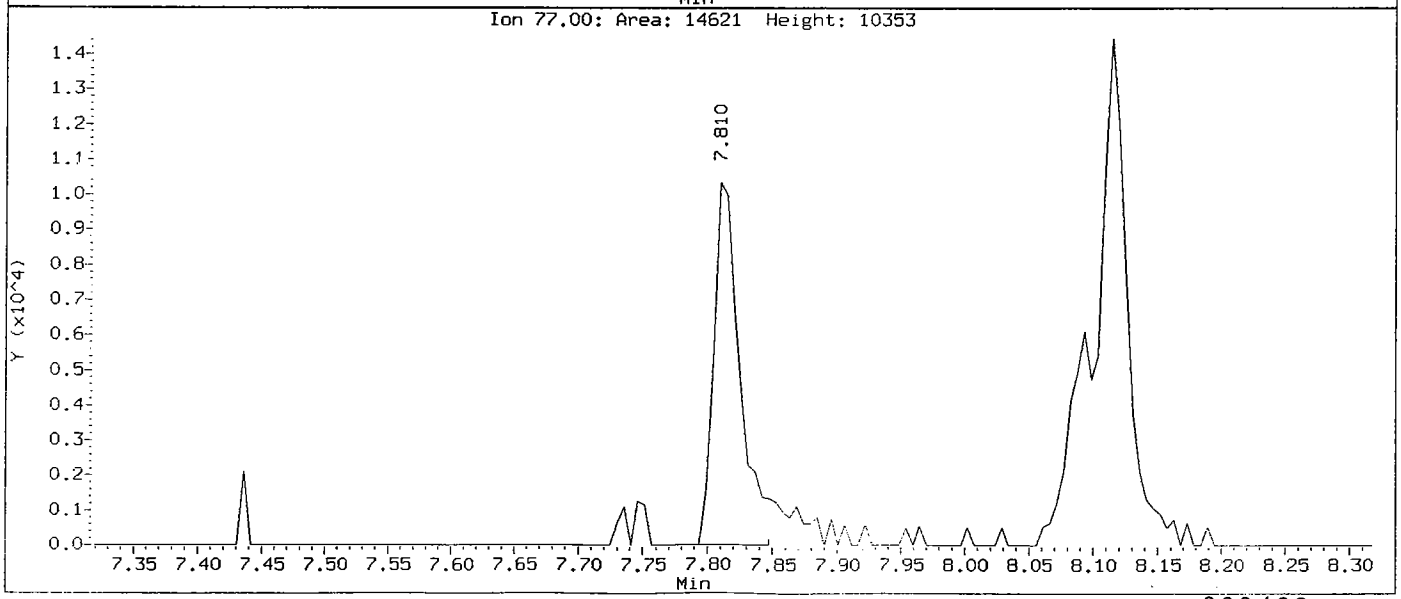


Data File: /chem3/nt4.i/20050802.b/0050802.d
Injection Date: 02-AUG-2005 19:48
Instrument: nt4.i
Client Sample ID:

Compound: Benzyl alcohol
CAS Number: 100-51-6

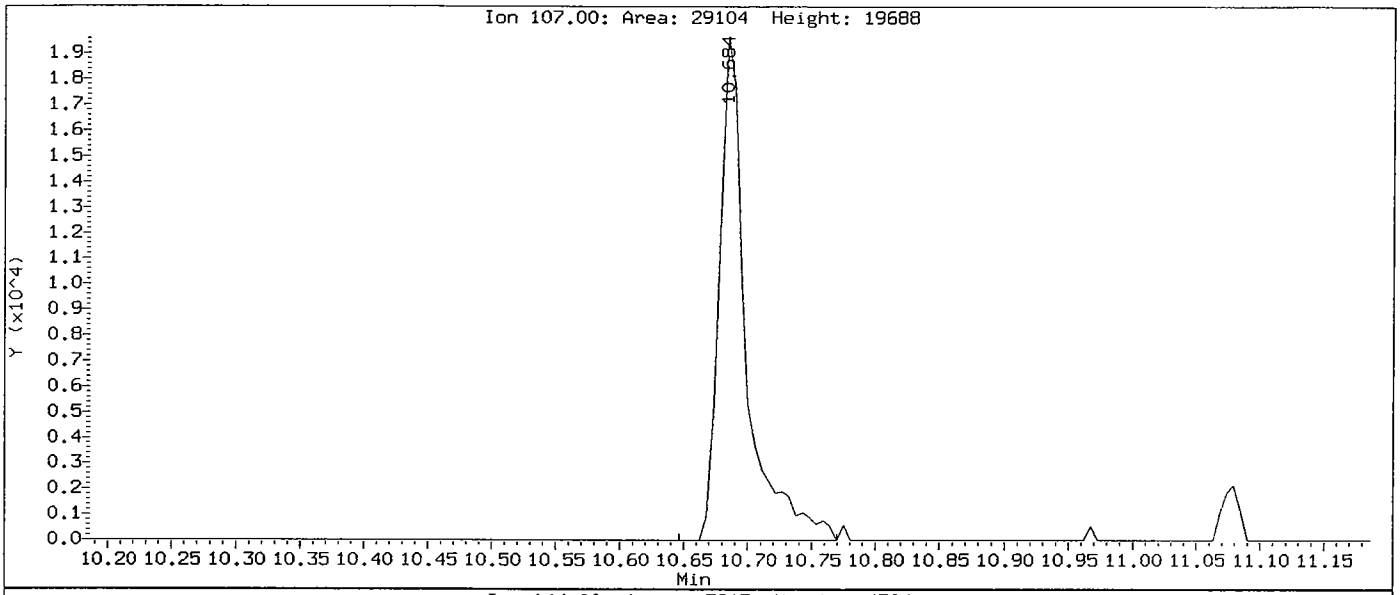


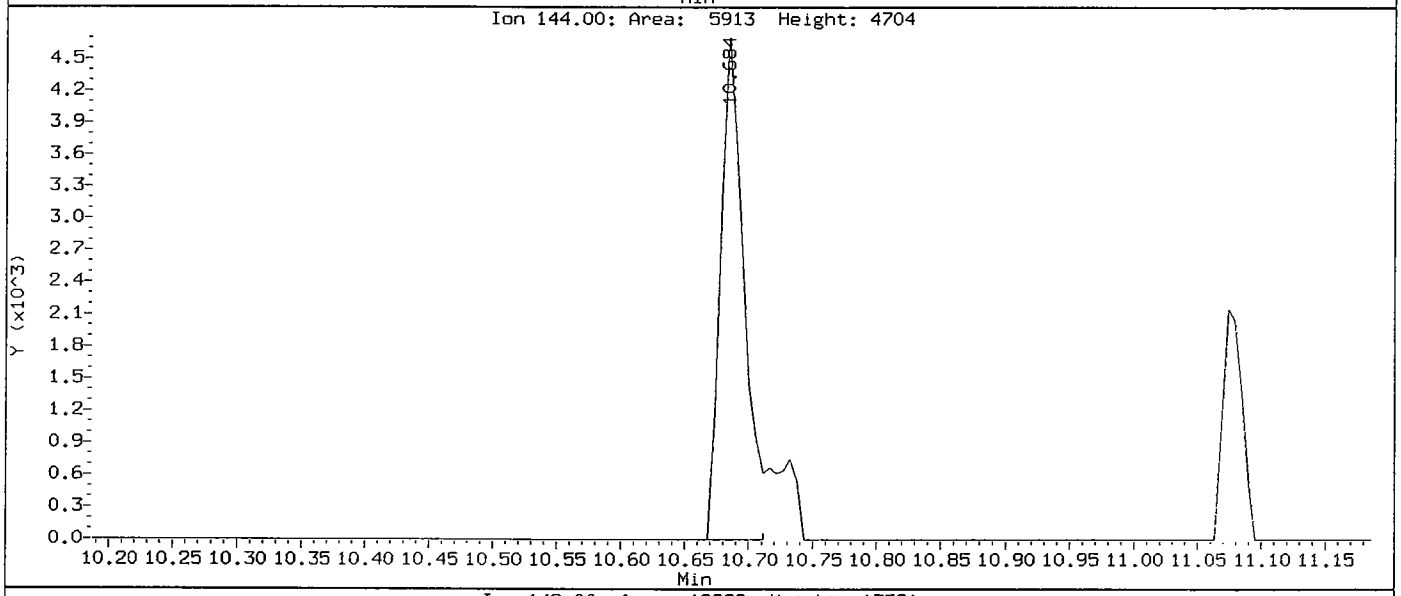


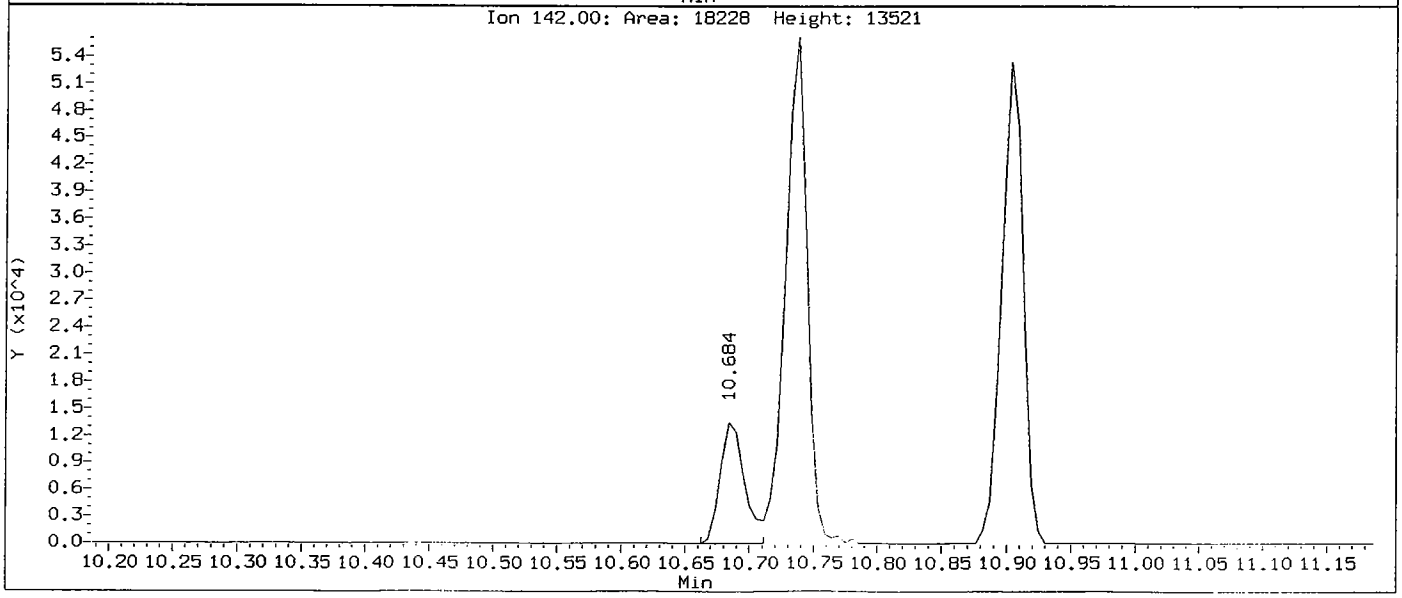


Data File: /chem3/nt4.i/20050802.b/0050802.d
Injection Date: 02-AUG-2005 19:48
Instrument: nt4.i
Client Sample ID:

Compound: 4-Chloro-3-methylphenol
CAS Number: 59-50-7

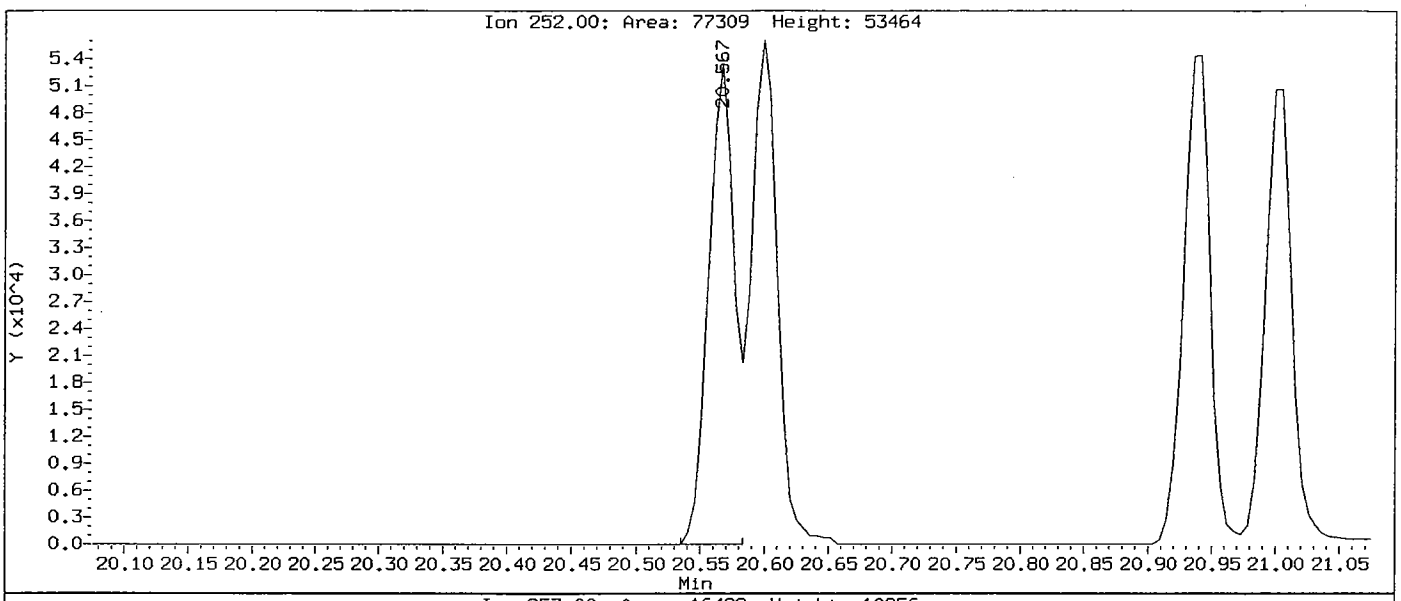


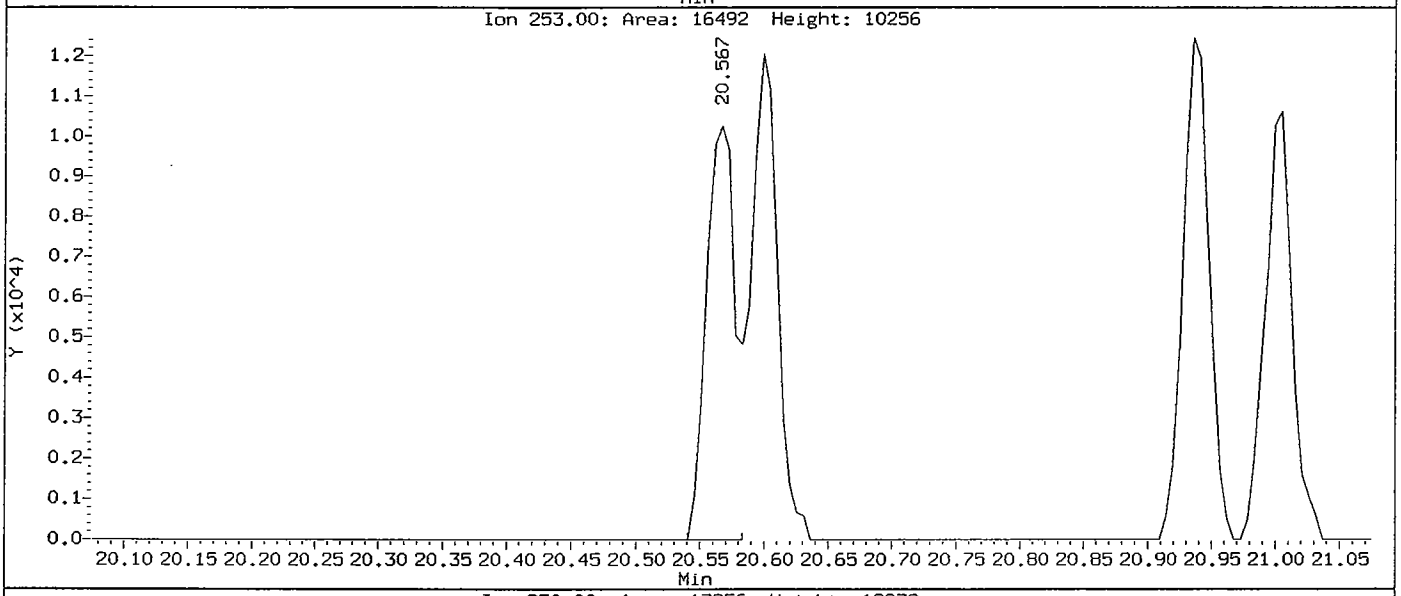


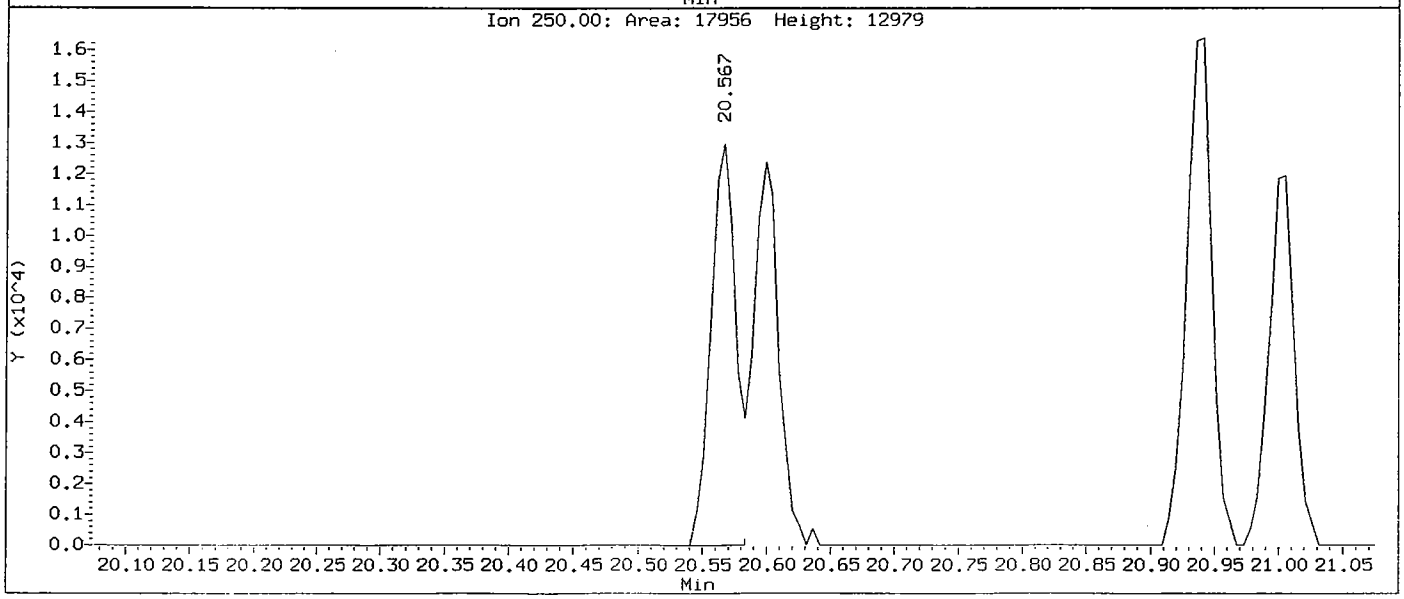


Data File: /chem3/nt4.i/20050802.b/0050802.d
Injection Date: 02-AUG-2005 19:48
Instrument: nt4.i
Client Sample ID:

Compound: Benzo(b)fluoranthene
CAS Number: 205-99-2







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem3/nt4.i/20050802.b/0100802.d
Lab Smp Id: ABN 10
Inj Date : 02-AUG-2005 20:22
Operator : VS Inst ID: nt4.i
Smp Info : ABN 10
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20050802.b/SW846.m
Meth Date : 03-Aug-2005 13:34 jeff Quant Type: ISTD
Cal Date : 02-AUG-2005 20:22 Cal File: 0100802.d
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.130	5.130	(0.691)	70483	10.0000	9.808
$	2 Phenol-d5	99	7.101	7.101	(0.956)	86139	10.0000	9.251
	3 Phenol	94	7.117	7.117	(0.958)	111206	10.0000	10.25
$	5 2-Chlorophenol-d4	132	7.112	7.112	(0.958)	74031	10.0000	9.959
	4 Bis(2-Chloroethyl)ether	93	7.144	7.144	(0.962)	86501	10.0000	10.15
	6 2-Chlorophenol	128	7.139	7.139	(0.961)	71643	10.0000	10.14
	7 1,3-Dichlorobenzene	146	7.347	7.347	(0.989)	78524	10.0000	10.37
*	8 1,4-Dichlorobenzene-d4	152	7.427	7.427	(1.000)	102683	20.0000	
	9 1,4-Dichlorobenzene	146	7.454	7.454	(1.004)	78785	10.0000	10.07
$	10 1,2-Dichlorobenzene-d4	152	7.748	7.748	(1.043)	46357	10.0000	9.857
	12 1,2-Dichlorobenzene	146	7.769	7.769	(1.046)	76088	10.0000	10.56
	11 Benzyl alcohol	108	7.817	7.817	(1.052)	42173	10.0000	11.75 (M)
	14 2,2'-oxybis(1-Chloropropane)	45	8.089	8.089	(1.089)	82941	10.0000	10.27
	13 2-Methylphenol	108	8.116	8.116	(1.093)	65706	10.0000	9.788
	17 Hexachloroethane	117	8.276	8.276	(1.114)	31968	10.0000	10.31
	16 N-Nitroso-di-n-propylamine	70	8.325	8.325	(1.121)	71833	10.0000	10.61
	15 4-Methylphenol	108	8.378	8.378	(1.128)	71911	10.0000	10.34
$	18 Nitrobenzene-d5	82	8.458	8.458	(0.883)	102033	10.0000	10.06
	19 Nitrobenzene	77	8.490	8.490	(0.886)	107768	10.0000	10.39
	20 Isophorone	82	8.896	8.896	(0.929)	176765	10.0000	10.27
	21 2-Nitrophenol	139	9.030	9.030	(0.943)	36694	10.0000	9.601
	22 2,4-Dimethylphenol	107	9.222	9.222	(0.963)	77036	10.0000	10.10
	23 Bis(2-Chloroethoxy)methane	93	9.356	9.356	(0.977)	100458	10.0000	10.20
	24 Benzoic acid	105	9.527	9.527	(0.994)	111249	20.0000	19.06 (M)
	25 2,4-Dichlorophenol	162	9.436	9.436	(0.985)	51216	10.0000	9.613
	26 1,2,4-Trichlorobenzene	180	9.537	9.537	(0.996)	61954	10.0000	10.13
*	27 Naphthalene-d8	136	9.580	9.580	(1.000)	378894	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.607	9.607	(1.003)	211662	10.0000	10.20
	29 4-Chloroaniline	127	9.815	9.815	(1.025)	86432	10.0000	10.18
	30 Hexachlorobutadiene	225	9.949	9.949	(1.038)	31890	10.0000	10.03
	31 4-Chloro-3-methylphenol	107	10.686	10.686	(1.115)	63911	10.0000	9.829
	32 2-Methylnaphthalene	141	10.739	10.739	(1.121)	116584	10.0000	10.24
	33 Hexachlorocyclopentadiene	237	11.124	11.124	(0.895)	19272	10.0000	8.838
	34 2,4,6-Trichlorophenol	196	11.289	11.289	(0.909)	35775	10.0000	9.696
	35 2,4,5-Trichlorophenol	196	11.343	11.343	(0.913)	36808	10.0000	9.826
$	36 2-Fluorobiphenyl	172	11.407	11.407	(0.918)	132308	10.0000	9.988
	37 2-Chloronaphthalene	162	11.503	11.503	(0.926)	118957	10.0000	10.18
	38 2-Nitroaniline	65	11.792	11.792	(0.949)	50257	10.0000	10.07
	39 Dimethylphthalate	163	12.182	12.182	(0.981)	132155	10.0000	10.21
	40 Acenaphthylene	152	12.166	12.166	(0.979)	194178	10.0000	10.16
	41 2,6-Dinitrotoluene	165	12.272	12.272	(0.988)	29680	10.0000	10.05
*	42 Acenaphthene-d10	164	12.422	12.422	(1.000)	203009	20.0000	
	43 3-Nitroaniline	138	12.470	12.470	(1.004)	34154	10.0000	10.12
	44 Acenaphthene	153	12.470	12.470	(1.004)	123757	10.0000	10.10
	45 2,4-Dinitrophenol	184	12.625	12.625	(1.016)	22861	20.0000	16.50
	46 Dibenzofuran	168	12.726	12.726	(1.024)	159151	10.0000	10.21
	47 4-Nitrophenol	109	12.844	12.844	(1.034)	19391	10.0000	9.490(M)
	48 2,4-Dinitrotoluene	165	12.876	12.876	(1.037)	37199	10.0000	9.960
	50 Diethylphthalate	149	13.319	13.319	(1.072)	134580	10.0000	10.40
	49 Fluorene	166	13.271	13.271	(1.068)	131841	10.0000	10.18
	51 4-Chlorophenyl-phenylether	204	13.330	13.330	(1.073)	63810	10.0000	10.24
	52 4-Nitroaniline	138	13.448	13.448	(1.083)	31079	10.0000	9.989
	53 4,6-Dinitro-2-methylphenol	198	13.506	13.506	(0.916)	39959	20.0000	18.68
	54 N-Nitrosodiphenylamine	169	13.554	13.554	(0.920)	69202	10.0000	10.25
$	55 2,4,6-Tribromophenol	330	13.704	13.704	(1.103)	13092	10.0000	10.07
	56 4-Bromophenyl-phenylether	248	14.094	14.094	(0.956)	31414	10.0000	9.992
	57 Hexachlorobenzene	284	14.276	14.276	(0.968)	33542	10.0000	10.28
	58 Pentachlorophenol	266	14.596	14.596	(0.990)	17992	10.0000	9.596
*	59 Phenanthrene-d10	188	14.740	14.740	(1.000)	303245	20.0000	
	60 Phenanthrene	178	14.778	14.778	(1.003)	184222	10.0000	9.990
	61 Anthracene	178	14.842	14.842	(1.007)	184768	10.0000	10.09
	62 Carbazole	167	15.168	15.168	(1.029)	147988	10.0000	10.15
	63 Di-n-butylphthalate	149	15.926	15.926	(1.080)	205006	10.0000	10.46
	64 Fluoranthene	202	16.669	16.669	(1.131)	179082	10.0000	10.28
	65 Pyrene	202	17.011	17.011	(0.896)	185203	10.0000	10.11
$	66 Terphenyl-d14	244	17.379	17.379	(0.916)	108293	10.0000	9.909
	67 Butylbenzylphthalate	149	18.298	18.298	(0.964)	87437	10.0000	10.36
	68 Benzo(a)anthracene	228	18.950	18.950	(0.999)	161421	10.0000	10.00
*	69 Chrysene-d12	240	18.977	18.977	(1.000)	234466	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.025	19.025	(1.003)	52119	10.0000	9.773
	71 Chrysene	228	19.014	19.014	(1.002)	157426	10.0000	9.926
	72 bis(2-Ethylhexyl)phthalate	149	19.297	19.297	(0.954)	119352	10.0000	10.29
*	134 Di-n-octylphthalate-d4	153	20.221	20.221	(1.000)	421039	20.0000	
	73 Di-n-octylphthalate	149	20.232	20.232	(1.001)	223868	10.0000	10.21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	20.574	20.574	(0.975)	170121	10.0000	9.832 (H)
75	Benzo(k)fluoranthene	252	20.606	20.606	(0.977)	165627	10.0000	9.999
76	Benzo(a)pyrene	252	21.007	21.007	(0.996)	155457	10.0000	10.01
* 77	Perylene-d12	264	21.098	21.098	(1.000)	250617	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.422	22.422	(1.063)	154114	10.0000	9.559 (H)
79	Dibenzo(a,h)anthracene	278	22.454	22.454	(1.064)	154072	10.0000	10.19
80	Benzo(g,h,i)perylene	276	22.711	22.711	(1.076)	163823	10.0000	9.932
90	N-Nitrosodimethylamine	74	2.336	2.336	(0.315)	53871	10.0000	11.07
103	Pyridine	79	2.320	2.320	(0.312)	84217	10.0000	11.04 (M)
91	Aniline	93	6.973	6.973	(0.939)	125131	10.0000	10.32
105	1-methylnaphthalene	141	10.905	10.905	(1.138)	117469	10.0000	10.17
93	Benzidine	184	16.989	16.989	(0.895)	41424	10.0000	10.40
98	Retene	219	17.593	17.593	(0.927)	59703	10.0000	10.39
111	Azobenzene (1,2-DP-Hydrazine)	77	13.570	13.570	(1.092)	198593	10.0000	10.47
144	alpha-Terpineol	59	9.687	9.687	(1.011)	33617	10.0000	10.82
143	1,4-Dioxane	58	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
133	Butylatedhydroxytoluene	205	12.652	12.652	(1.018)	93187	10.0000	10.02
115	Tributyl Phosphate	99	13.709	13.709	(0.930)	177447	10.0000	10.51
116	Dibutyl Phenyl Phosphate	175	15.381	15.381	(1.043)	90111	10.0000	10.42
117	Butyl Diphenyl Phosphate	94	17.027	17.027	(0.897)	41187	10.0000	10.56
118	Triphenyl Phosphate	326	18.592	18.592	(0.980)	26071	10.0000	10.49

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: 0100802.d
Lab Smp Id: ABN 10
Analysis Type: SV
Quant Type: ISTD
Operator: VS
Method File: /chem3/nt4.i/20050802.b/SW846.m
Misc Info:

Calibration Date: 02-AUG-2005
Calibration Time: 17:35

Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	124009	62004	248018	102683	-17.20
27 Naphthalene-d8	439086	219543	878172	378894	-13.71
42 Acenaphthene-d10	234157	117078	468314	203009	-13.30
59 Phenanthrene-d10	344042	172021	688084	303245	-11.86
69 Chrysene-d12	264444	132222	528888	234466	-11.34
134 Di-n-octylphthala	474443	237222	948886	421039	-11.26
77 Perylene-d12	280601	140300	561202	250617	-10.69

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.43	6.93	7.93	7.43	-0.03
27 Naphthalene-d8	9.58	9.08	10.08	9.58	-0.02
42 Acenaphthene-d10	12.42	11.92	12.92	12.42	-0.02
59 Phenanthrene-d10	14.74	14.24	15.24	14.74	-0.01
69 Chrysene-d12	18.98	18.48	19.48	18.98	-0.01
134 Di-n-octylphthala	20.22	19.72	20.72	20.22	0.02
77 Perylene-d12	21.10	20.60	21.60	21.10	-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.

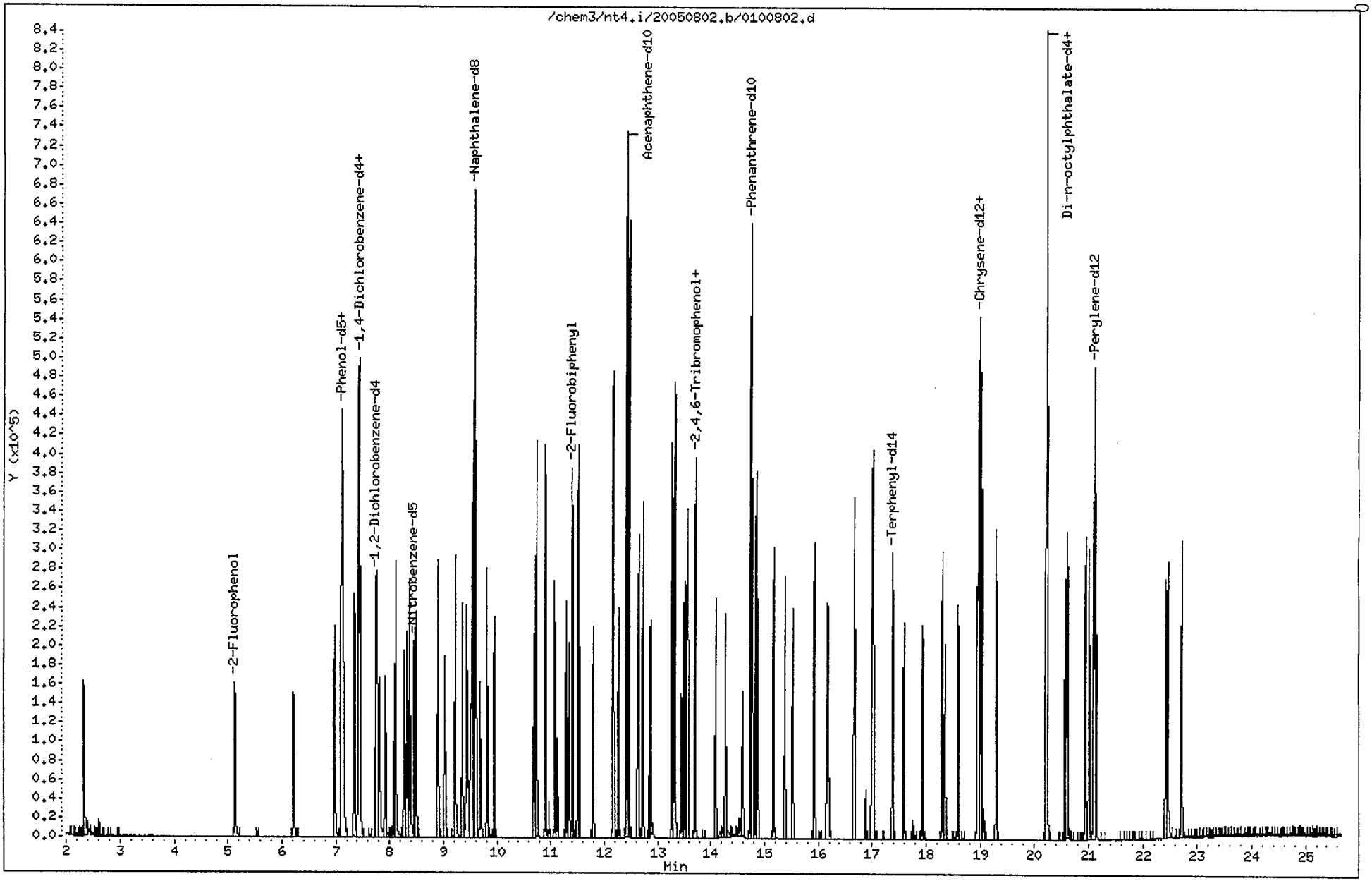
Data File: /chem3/nt4.i/20050802.b/0100802.d
Date : 02-AUG-2005 20:22
Client ID:
Sample Info: ABN 10

Column phase: RTX-5

Instrument: nt4.i

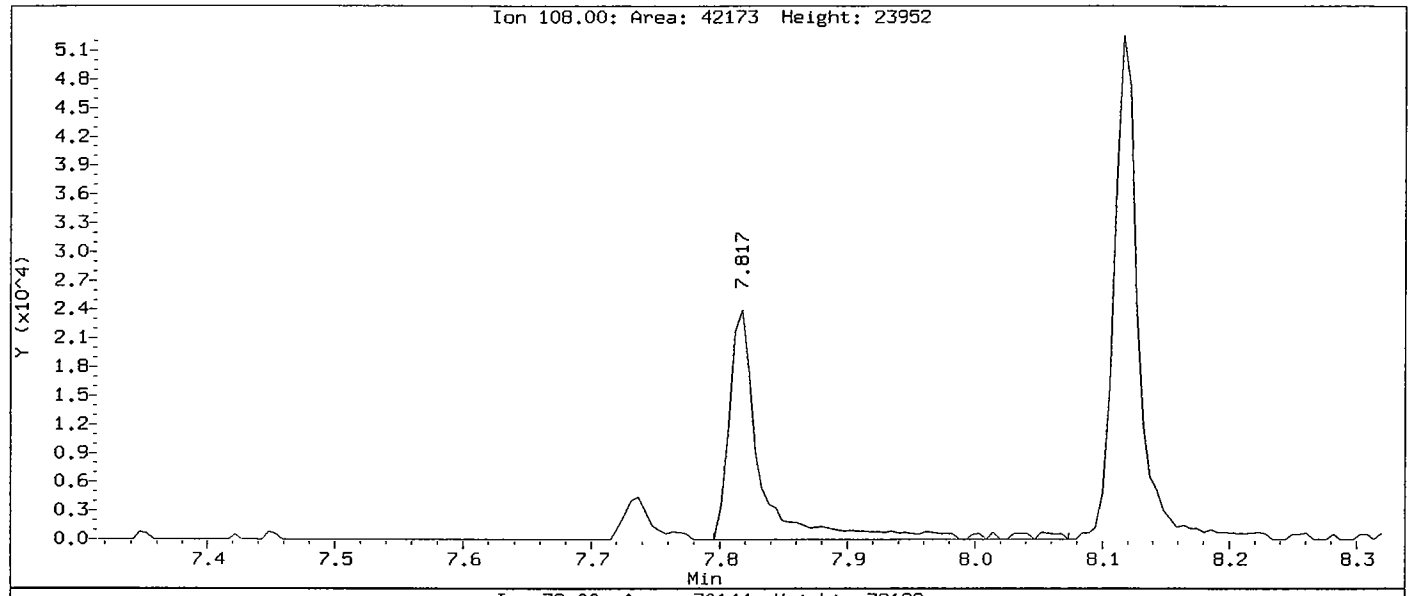
Operator: VS
Column diameter: 0.32

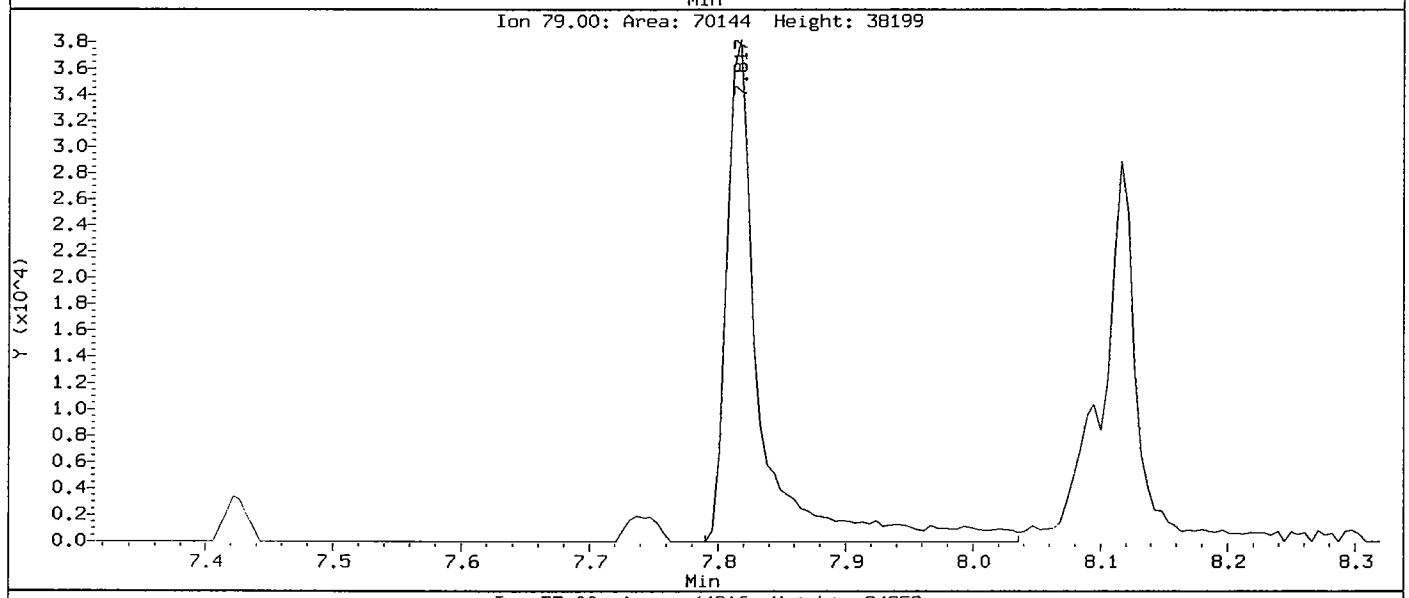
000499

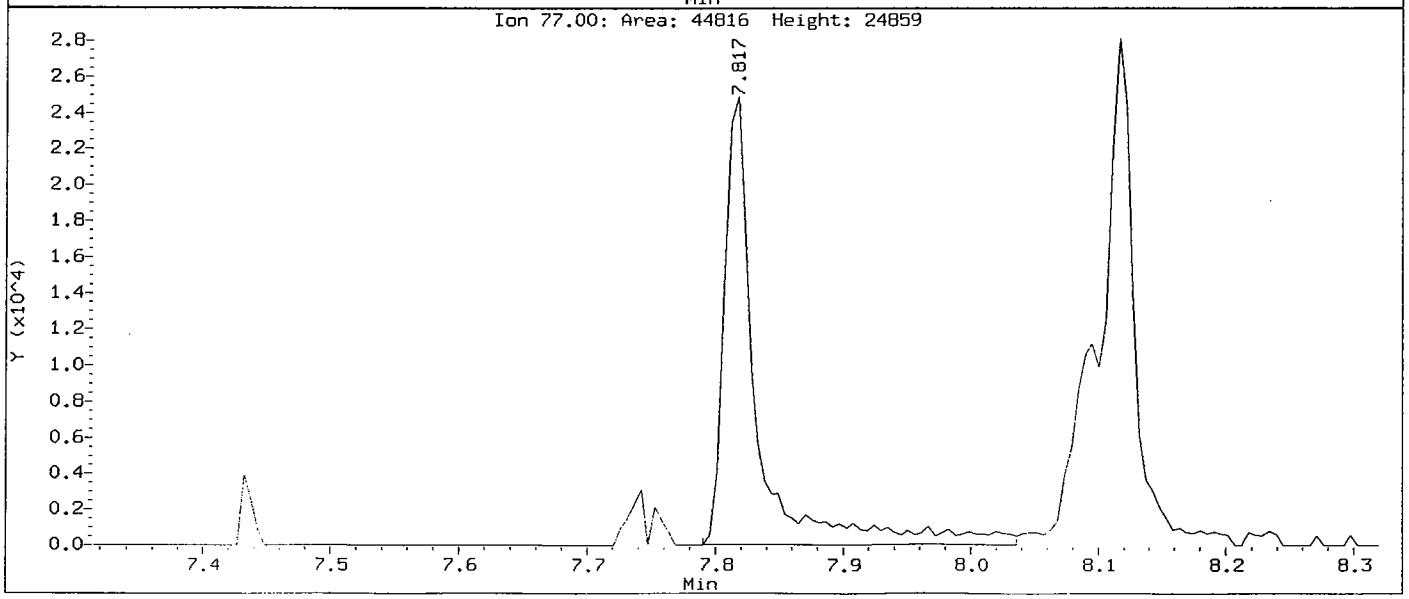


Data File: /chem3/nt4.i/20050802.b/0100802.d
Injection Date: 02-AUG-2005 20:22
Instrument: nt4.i
Client Sample ID:

Compound: Benzyl alcohol
CAS Number: 100-51-6

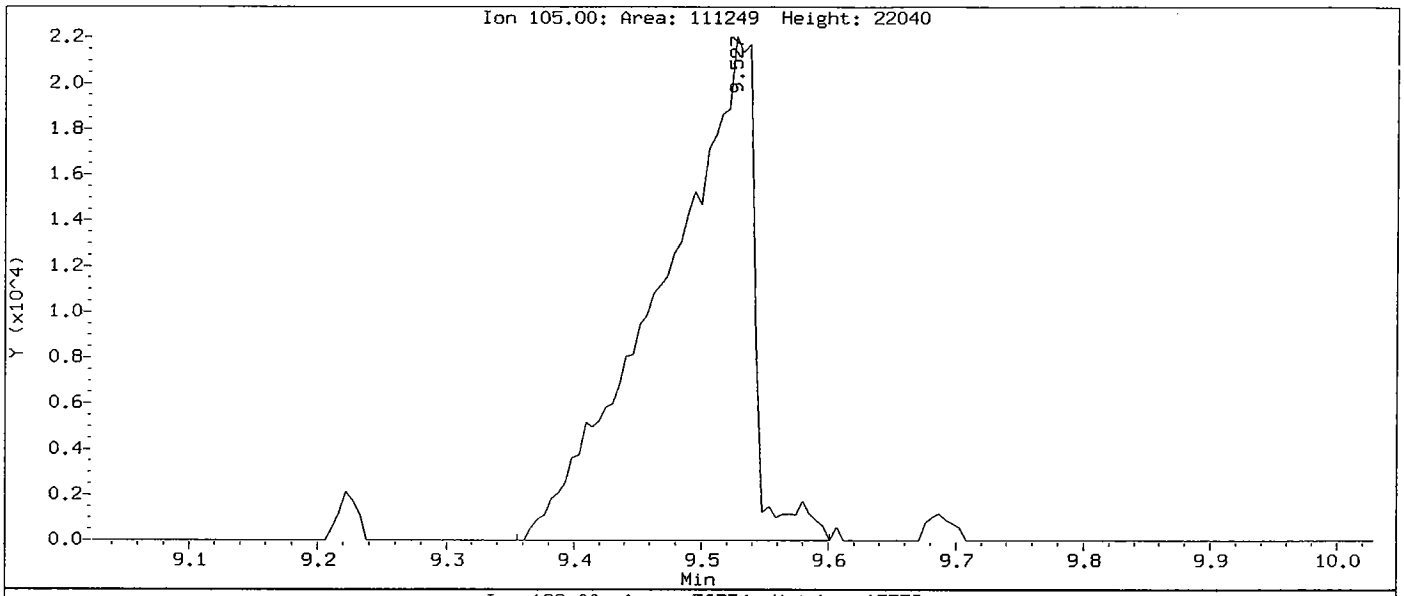


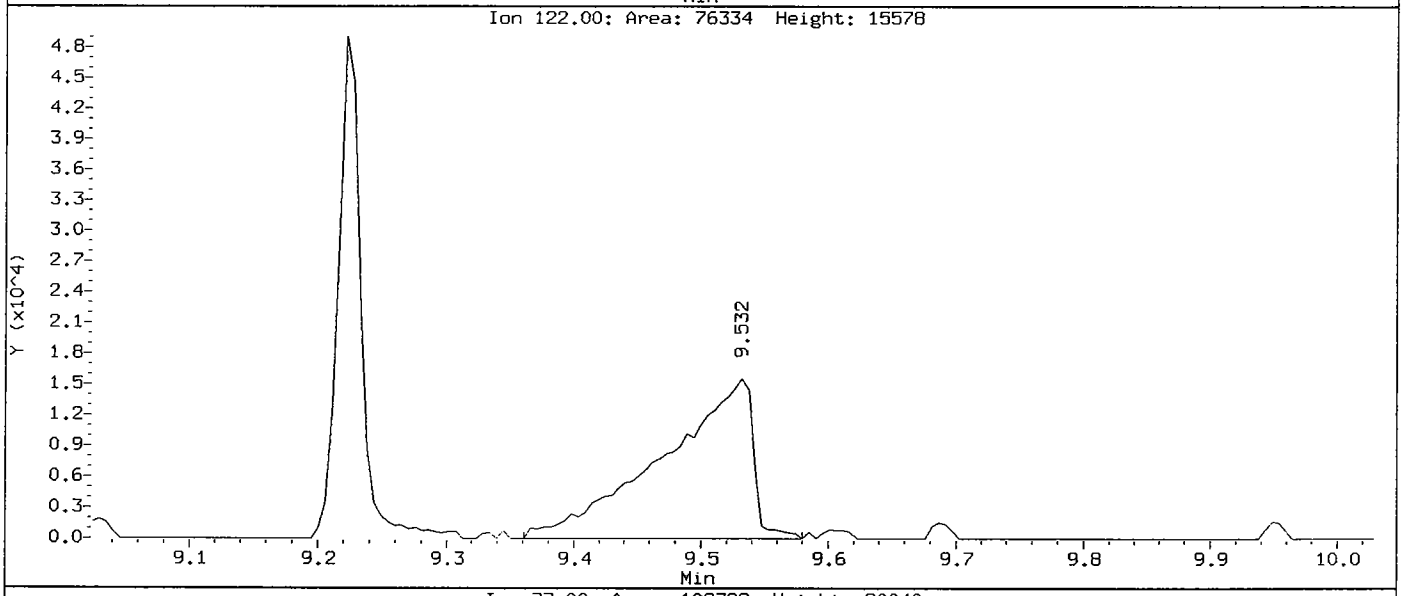


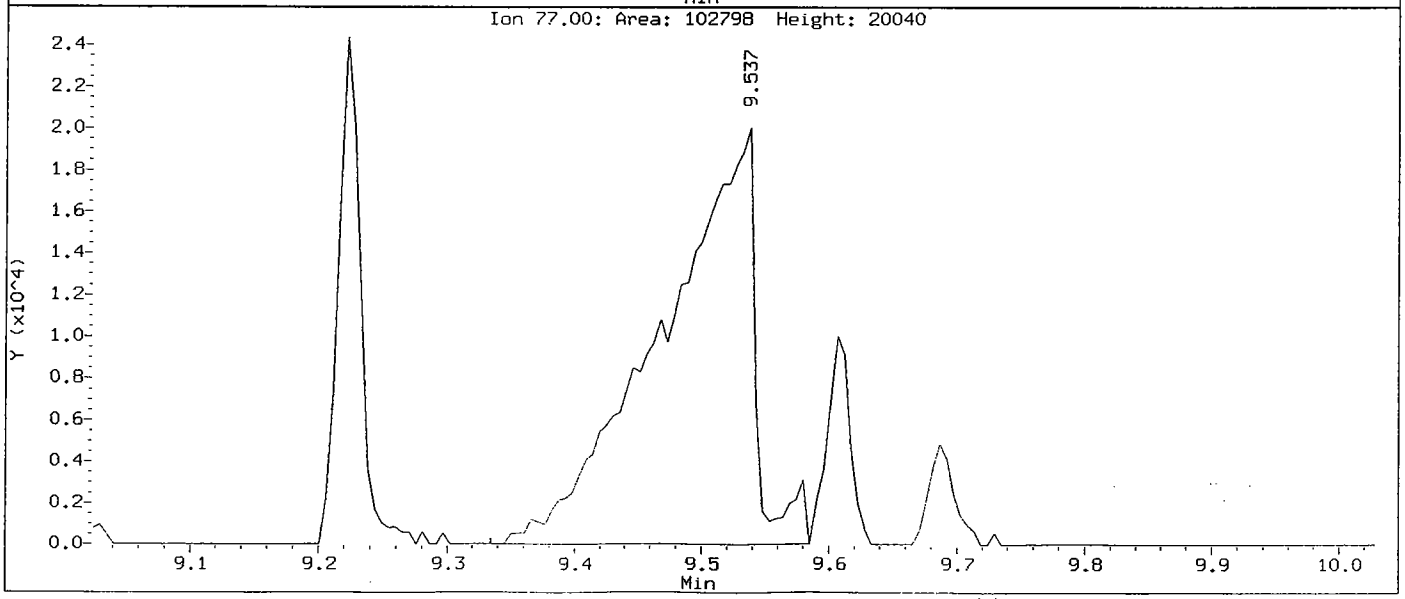


Data File: /chem3/nt4.i/20050802.b/0100802.d
Injection Date: 02-AUG-2005 20:22
Instrument: nt4.i
Client Sample ID:

Compound: Benzoic acid
CAS Number: 65-85-0

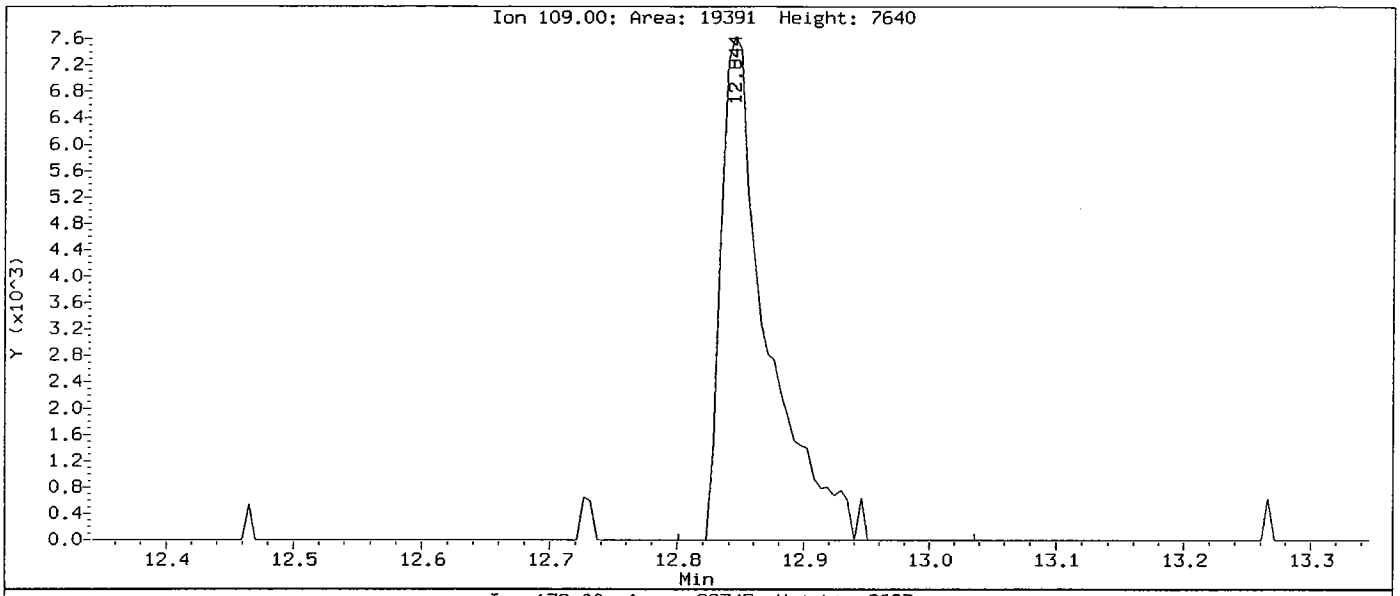


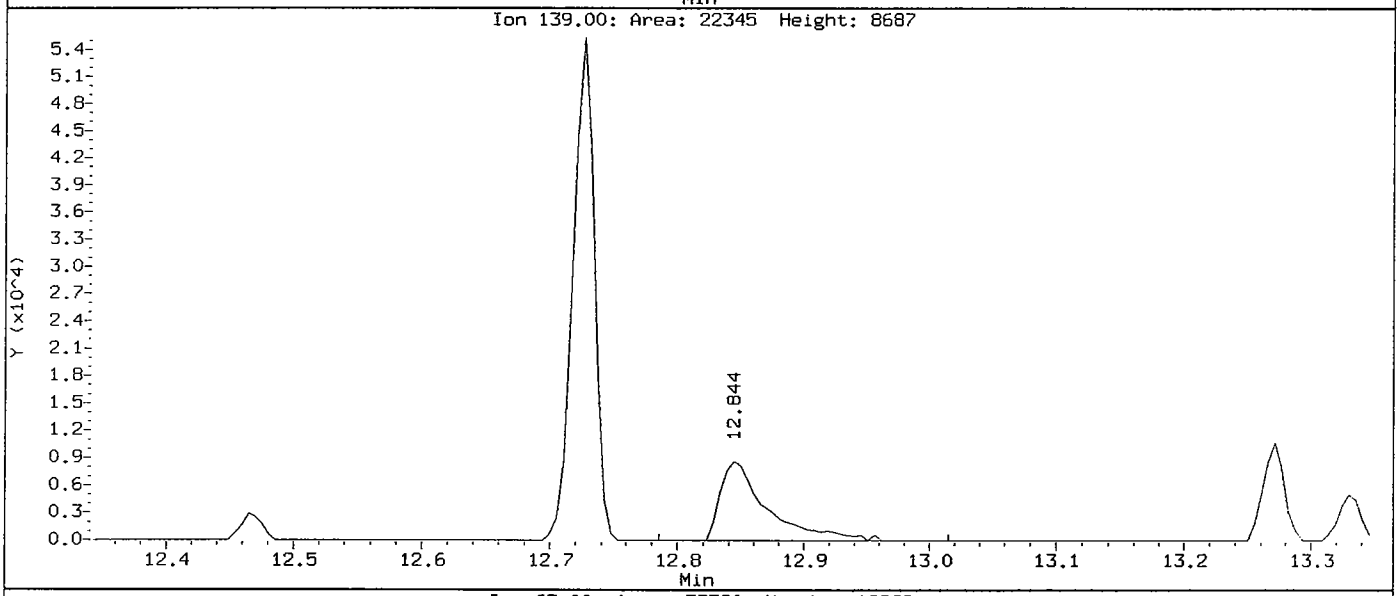


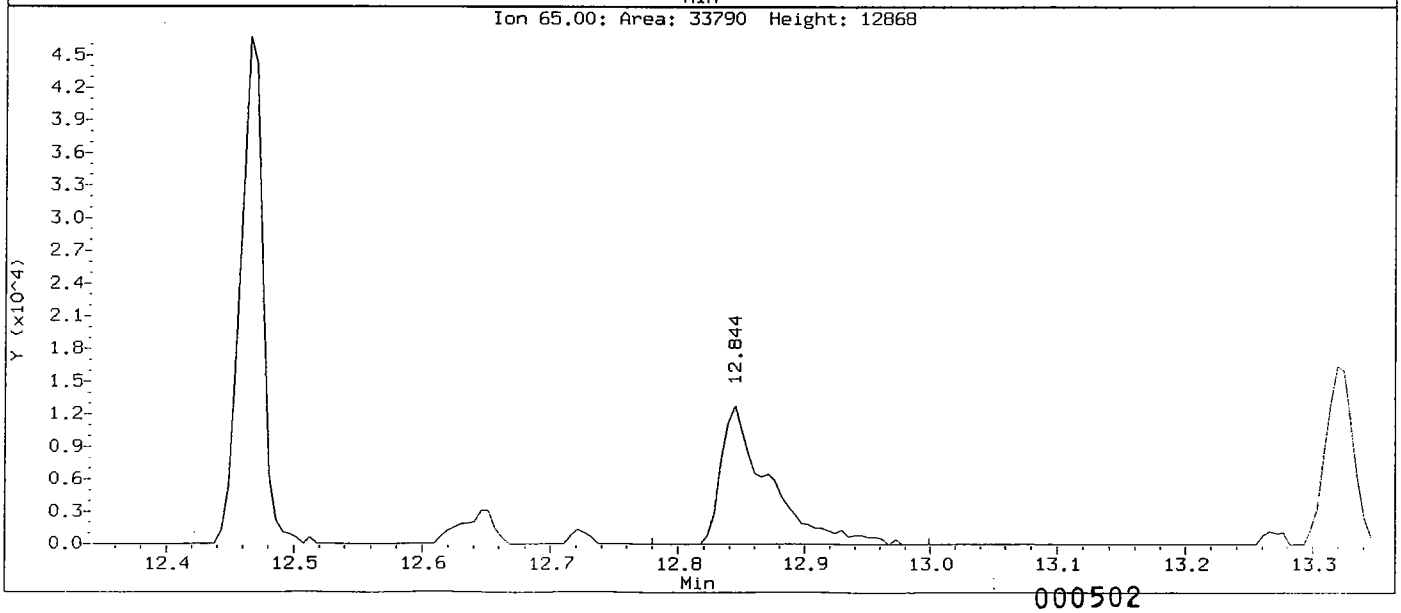


Data File: /chem3/nt4.i/20050802.b/0100802.d
Injection Date: 02-AUG-2005 20:22
Instrument: nt4.i
Client Sample ID:

Compound: 4-Nitrophenol
CAS Number: 100-02-7

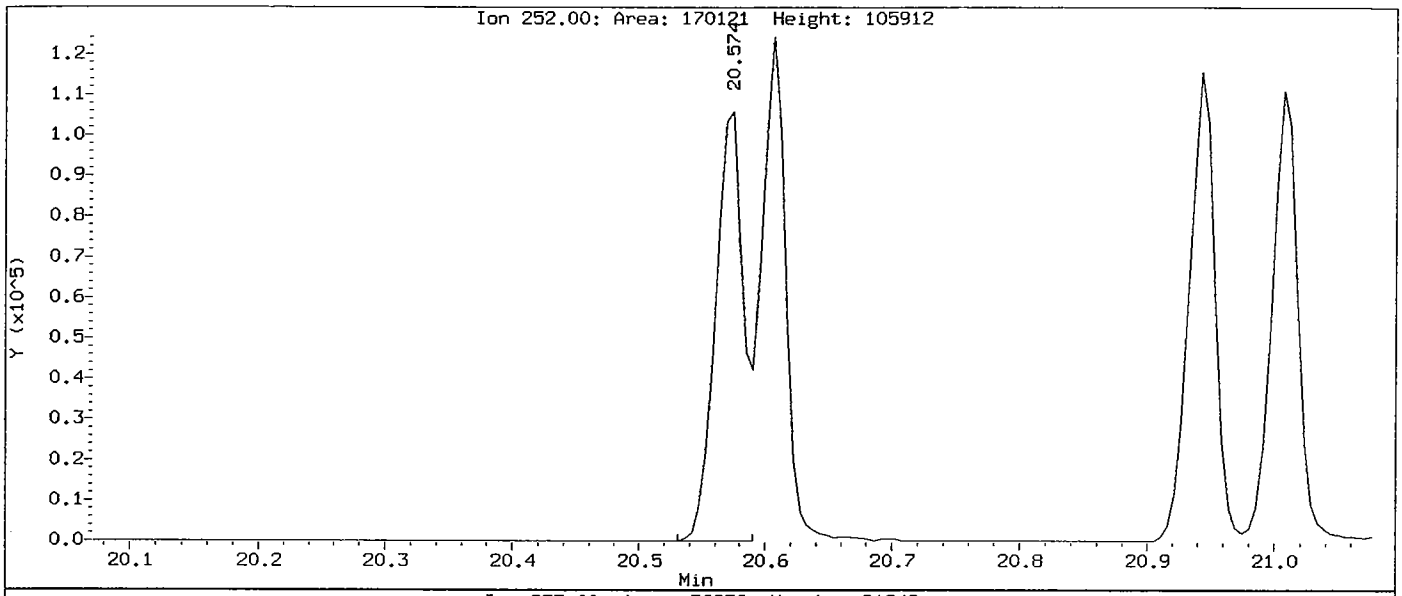


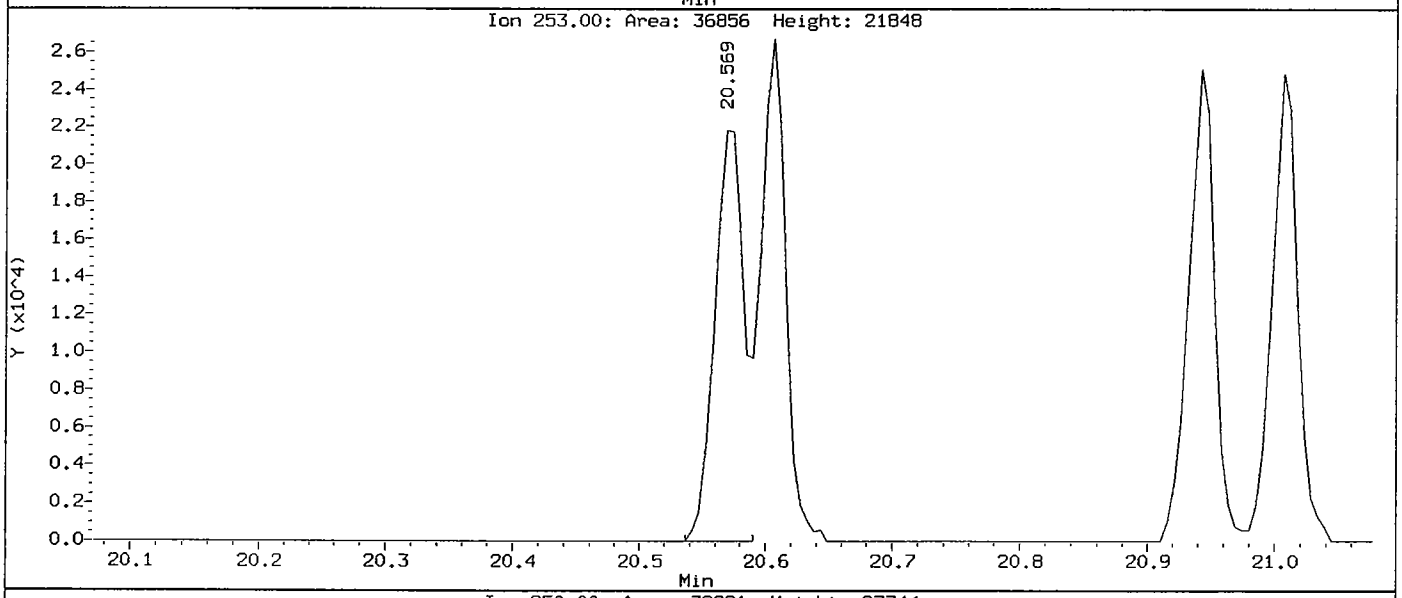


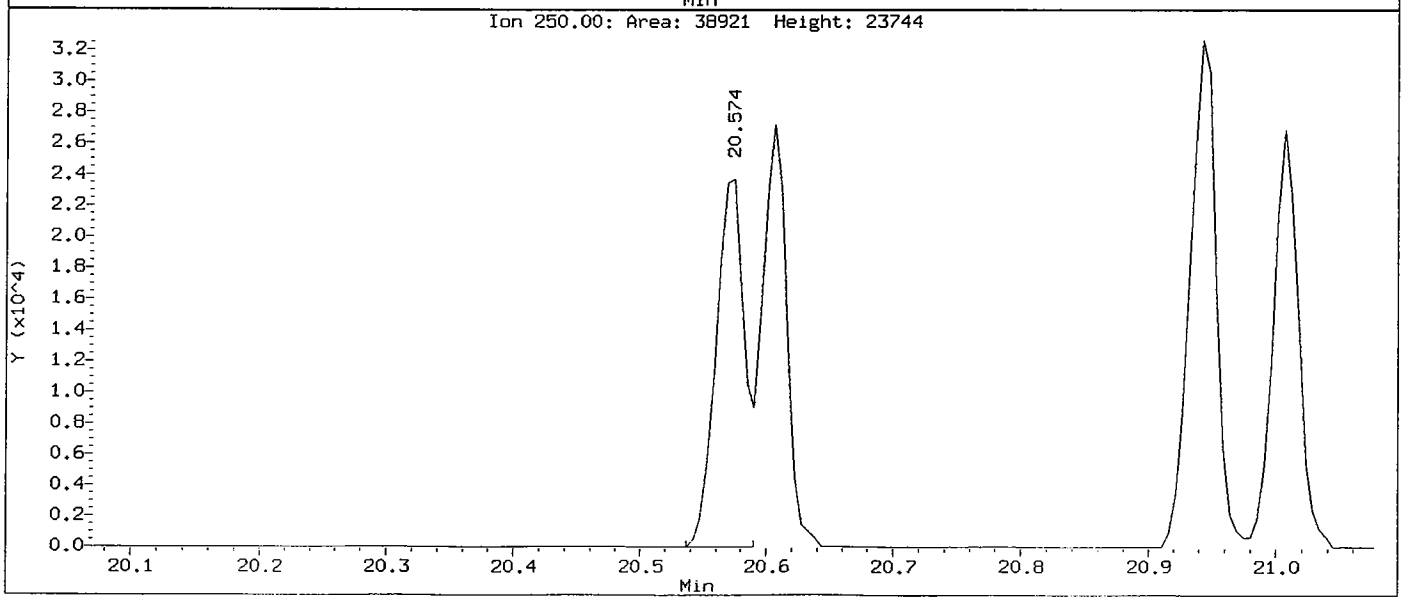


Data File: /chem3/nt4.i/20050802.b/0100802.d
Injection Date: 02-AUG-2005 20:22
Instrument: nt4.i
Client Sample ID:

Compound: Benzo(b)fluoranthene
CAS Number: 205-99-2

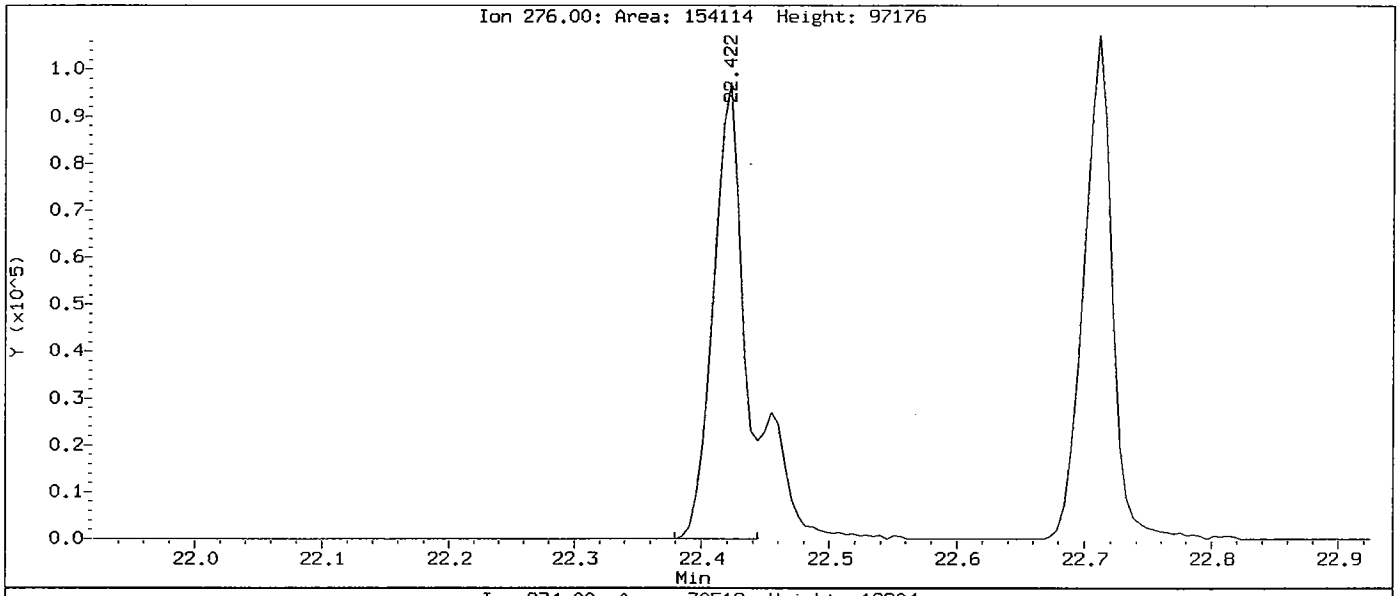


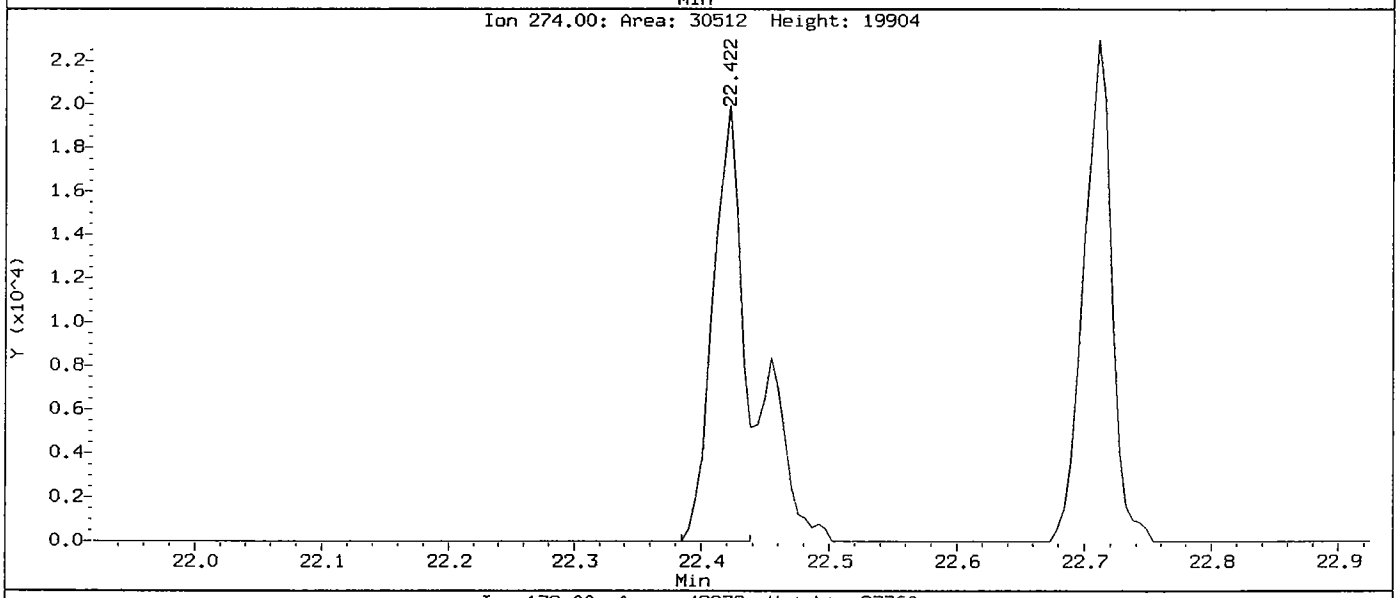


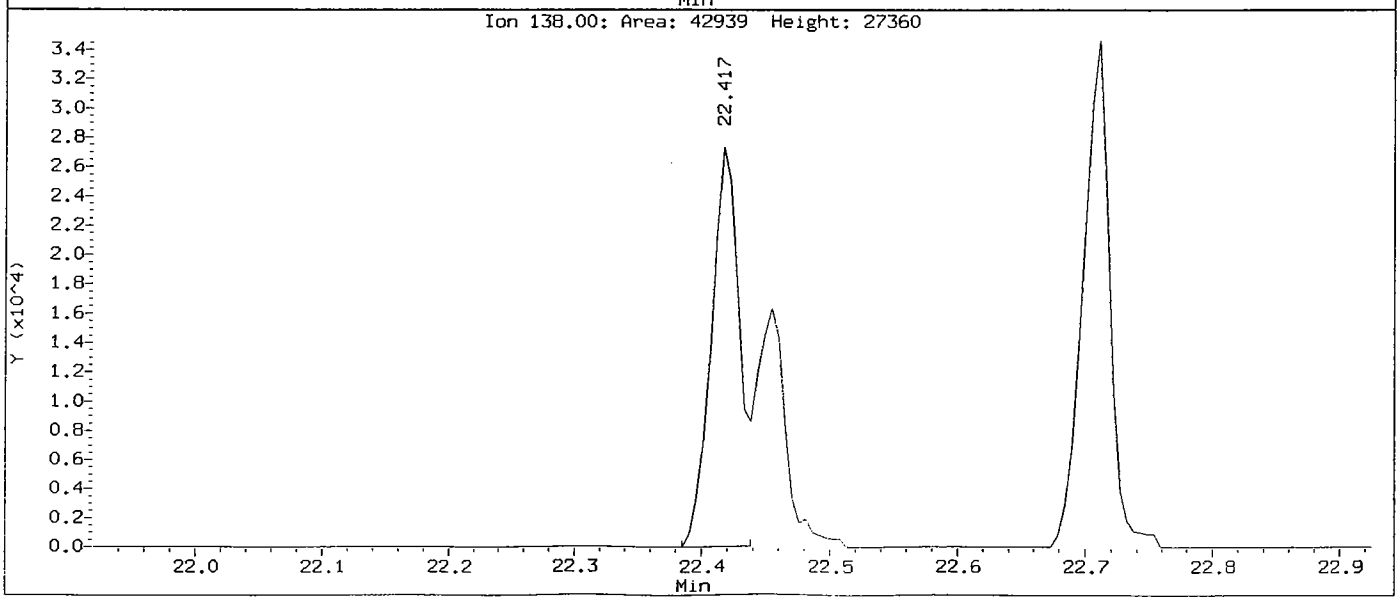


Data File: /chem3/nt4.i/20050802.b/0100802.d
Injection Date: 02-AUG-2005 20:22
Instrument: nt4.i
Client Sample ID:

Compound: Indeno(1,2,3-cd)pyrene
CAS Number: 193-39-5







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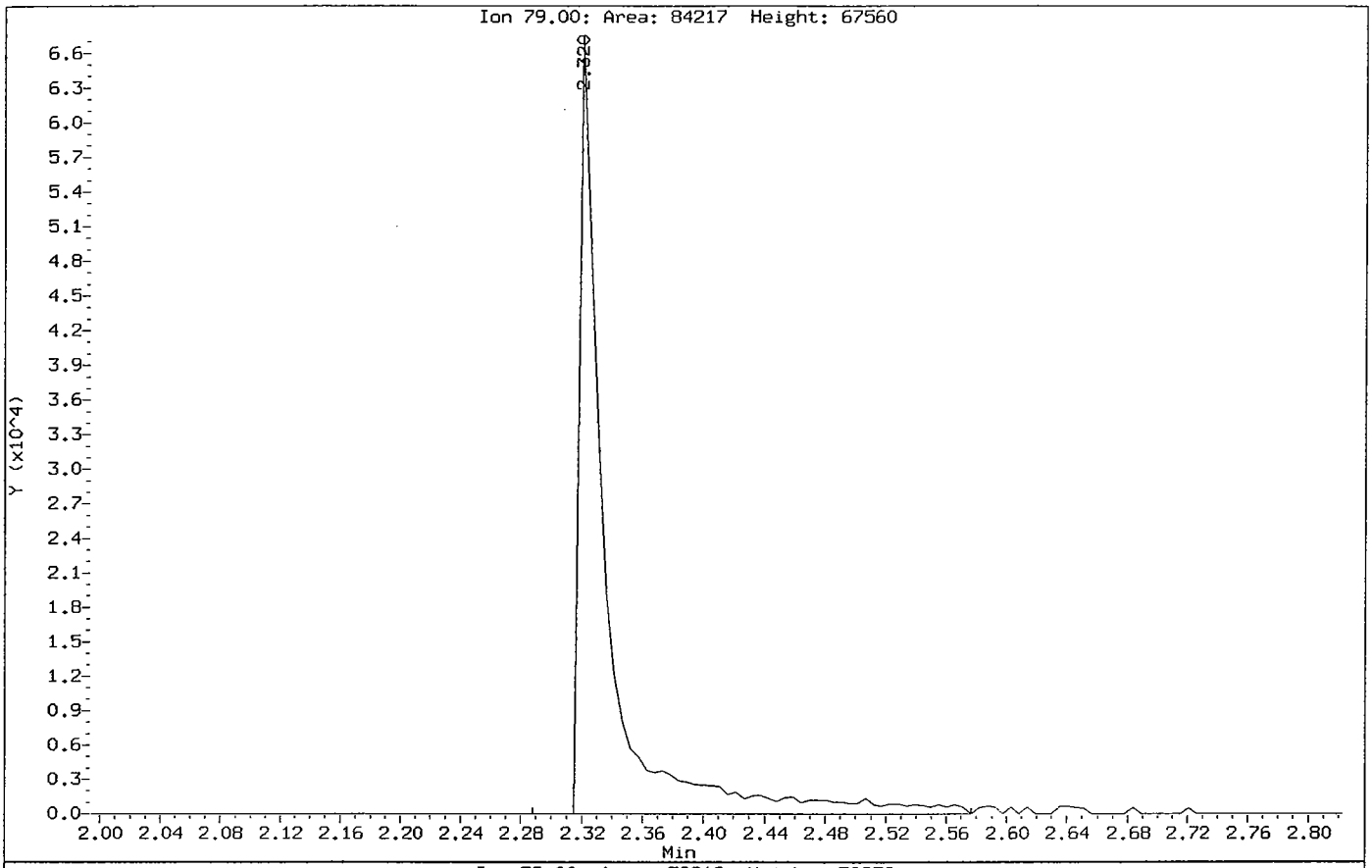
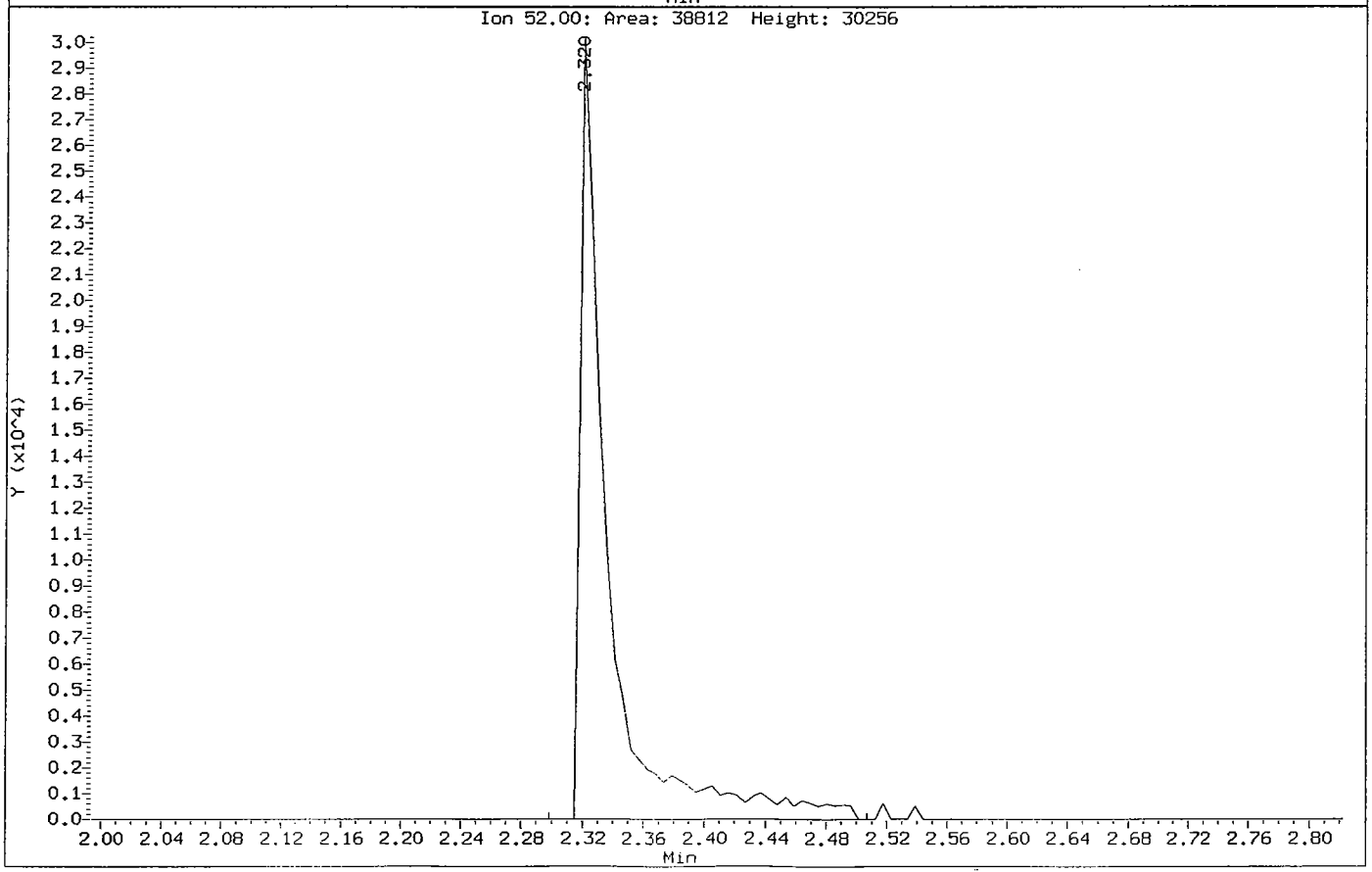
Injection Date: 02-AUG-2005 20:22
Instrument: nt4.i
Client Sample ID:

Compound: Pyridine
CAS Number:





Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem3/nt4.i/20050802.b/0250802.d
Lab Smp Id: ABN 25
Inj Date : 02-AUG-2005 17:35
Operator : VS Inst ID: nt4.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20050802.b/SW846.m
Meth Date : 03-Aug-2005 13:34 jeff Quant Type: ISTD
Cal Date : 02-AUG-2005 17:35 Cal File: 0250802.d
Als bottle: 3 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)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.137	5.130	(0.692)	207963	25.0000	25.00
$	2 Phenol-d5	99	7.114	7.101	(0.958)	283859	25.0000	25.00
	3 Phenol	94	7.135	7.117	(0.960)	329762	25.0000	25.00
$	5 2-Chlorophenol-d4	132	7.119	7.112	(0.958)	214237	25.0000	25.00
	4 Bis(2-Chloroethyl)ether	93	7.151	7.144	(0.963)	256083	25.0000	25.00
	6 2-Chlorophenol	128	7.146	7.139	(0.962)	217551	25.0000	25.00
	7 1,3-Dichlorobenzene	146	7.354	7.347	(0.990)	229752	25.0000	25.00
*	8 1,4-Dichlorobenzene-d4	152	7.429	7.427	(1.000)	124009	20.0000	
	9 1,4-Dichlorobenzene	146	7.456	7.454	(1.004)	232073	25.0000	25.00
$	10 1,2-Dichlorobenzene-d4	152	7.750	7.748	(1.043)	138606	25.0000	25.00
	12 1,2-Dichlorobenzene	146	7.771	7.769	(1.046)	216361	25.0000	25.00
	11 Benzyl alcohol	108	7.824	7.817	(1.053)	126776	25.0000	25.00 (M)
	14 2,2'-oxybis(1-Chloropropane)	45	8.097	8.089	(1.090)	239968	25.0000	25.00
	13 2-Methylphenol	108	8.124	8.116	(1.093)	200355	25.0000	25.00
	17 Hexachloroethane	117	8.273	8.276	(1.114)	94010	25.0000	25.00
	16 N-Nitroso-di-n-propylamine	70	8.343	8.325	(1.123)	197336	25.0000	25.00
	15 4-Methylphenol	108	8.391	8.378	(1.129)	210530	25.0000	25.00
$	18 Nitrobenzene-d5	82	8.465	8.458	(0.883)	287579	25.0000	25.00
	19 Nitrobenzene	77	8.498	8.490	(0.887)	293956	25.0000	25.00
	20 Isophorone	82	8.909	8.896	(0.930)	490384	25.0000	25.00
	21 2-Nitrophenol	139	9.032	9.030	(0.943)	112241	25.0000	25.00
	22 2,4-Dimethylphenol	107	9.235	9.222	(0.964)	224620	25.0000	25.00
	23 Bis(2-Chloroethoxy)methane	93	9.363	9.356	(0.977)	283623	25.0000	25.00
	24 Benzoic acid	105	9.571	9.527	(0.999)	171606	25.0000	25.00 (M)
	25 2,4-Dichlorophenol	162	9.443	9.436	(0.986)	154670	25.0000	25.00
	26 1,2,4-Trichlorobenzene	180	9.539	9.537	(0.996)	177563	25.0000	25.00
*	27 Naphthalene-d8	136	9.582	9.580	(1.000)	439086	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.614	9.607	(1.003)	595973	25.0000	25.00
	29 4-Chloroaniline	127	9.822	9.815	(1.025)	244276	25.0000	25.00
	30 Hexachlorobutadiene	225	9.951	9.949	(1.038)	90978	25.0000	25.00
	31 4-Chloro-3-methylphenol	107	10.688	10.686	(1.115)	190901	25.0000	25.00
	32 2-Methylnaphthalene	141	10.741	10.739	(1.121)	324113	25.0000	25.00
	33 Hexachlorocyclopentadiene	237	11.121	11.124	(0.895)	65047	25.0000	25.00
	34 2,4,6-Trichlorophenol	196	11.291	11.289	(0.909)	105601	25.0000	25.00
	35 2,4,5-Trichlorophenol	196	11.345	11.343	(0.913)	104588	25.0000	25.00
$	36 2-Fluorobiphenyl	172	11.414	11.407	(0.919)	369014	25.0000	25.00
	37 2-Chloronaphthalene	162	11.511	11.503	(0.926)	329541	25.0000	25.00
	38 2-Nitroaniline	65	11.799	11.792	(0.950)	142144	25.0000	25.00
	39 Dimethylphthalate	163	12.189	12.182	(0.981)	357128	25.0000	25.00
	40 Acenaphthylene	152	12.168	12.166	(0.979)	541255	25.0000	25.00
	41 2,6-Dinitrotoluene	165	12.280	12.272	(0.988)	84460	25.0000	25.00
*	42 Acenaphthene-d10	164	12.424	12.422	(1.000)	234157	20.0000	
	43 3-Nitroaniline	138	12.477	12.470	(1.004)	95794	25.0000	25.00
	44 Acenaphthene	153	12.472	12.470	(1.004)	343616	25.0000	25.00
	45 2,4-Dinitrophenol	184	12.632	12.625	(1.017)	41118	25.0000	25.00
	46 Dibenzofuran	168	12.734	12.726	(1.025)	433608	25.0000	25.00
	47 4-Nitrophenol	109	12.851	12.844	(1.034)	61528	25.0000	25.00 (M)
	48 2,4-Dinitrotoluene	165	12.883	12.876	(1.037)	104971	25.0000	25.00
	50 Diethylphthalate	149	13.327	13.319	(1.073)	361087	25.0000	25.00
	49 Fluorene	166	13.279	13.271	(1.069)	362595	25.0000	25.00
	51 4-Chlorophenyl-phenylether	204	13.332	13.330	(1.073)	174494	25.0000	25.00
	52 4-Nitroaniline	138	13.471	13.448	(1.084)	89210	25.0000	25.00
	53 4,6-Dinitro-2-methylphenol	198	13.519	13.506	(0.917)	59661	25.0000	25.00
	54 N-Nitrosodiphenylamine	169	13.562	13.554	(0.920)	186035	25.0000	25.00
$	55 2,4,6-Tribromophenol	330	13.706	13.704	(1.103)	36071	25.0000	25.00
	56 4-Bromophenyl-phenylether	248	14.096	14.094	(0.956)	88999	25.0000	25.00
	57 Hexachlorobenzene	284	14.278	14.276	(0.968)	91436	25.0000	25.00
	58 Pentachlorophenol	266	14.604	14.596	(0.991)	52930	25.0000	25.00
*	59 Phenanthrene-d10	188	14.742	14.740	(1.000)	344042	20.0000	
	60 Phenanthrene	178	14.780	14.778	(1.003)	504482	25.0000	25.00
	61 Anthracene	178	14.849	14.842	(1.007)	510749	25.0000	25.00
	62 Carbazole	167	15.175	15.168	(1.029)	404669	25.0000	25.00
	63 Di-n-butylphthalate	149	15.928	15.926	(1.080)	550086	25.0000	25.00
	64 Fluoranthene	202	16.671	16.669	(1.131)	487093	25.0000	25.00
	65 Pyrene	202	17.013	17.011	(0.896)	510581	25.0000	25.00
$	66 Terphenyl-d14	244	17.381	17.379	(0.916)	299182	25.0000	25.00
	67 Butylbenzylphthalate	149	18.295	18.298	(0.964)	237659	25.0000	25.00
	68 Benzo(a)anthracene	228	18.952	18.950	(0.999)	443154	25.0000	25.00
*	69 Chrysene-d12	240	18.979	18.977	(1.000)	264444	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.027	19.025	(1.003)	144748	25.0000	25.00
	71 Chrysene	228	19.022	19.014	(1.002)	432363	25.0000	25.00
	72 bis(2-Ethylhexyl)phthalate	149	19.294	19.297	(0.954)	323492	25.0000	25.00
*	134 Di-n-octylphthalate-d4	153	20.218	20.221	(1.000)	474443	20.0000	
	73 Di-n-octylphthalate	149	20.229	20.232	(1.001)	595971	25.0000	25.00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	20.581	20.574	(0.975)	473919	25.0000	25.00
75	Benzo(k)fluoranthene	252	20.619	20.606	(0.977)	448692	25.0000	25.00(H)
76	Benzo(a)pyrene	252	21.014	21.007	(0.996)	434759	25.0000	25.00
* 77	Perylene-d12	264	21.100	21.098	(1.000)	280601	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.435	22.422	(1.063)	465197	25.0000	25.00
79	Dibenzo(a,h)anthracene	278	22.467	22.454	(1.065)	450202	25.0000	25.00
80	Benzo(g,h,i)perylene	276	22.729	22.711	(1.077)	483072	25.0000	25.00
90	N-Nitrosodimethylamine	74	2.343	2.336	(0.315)	86220	25.0000	25.00
103	Pyridine	79	2.311	2.320	(0.311)	110415	25.0000	25.00
91	Aniline	93	6.986	6.973	(0.940)	371608	25.0000	25.00
105	1-methylnaphthalene	141	10.912	10.905	(1.139)	327776	25.0000	25.00
93	Benzidine	184	16.992	16.989	(0.895)	149113	25.0000	25.00
98	Retene	219	17.595	17.593	(0.927)	163696	25.0000	25.00
111	Azobenzene (1,2-DP-Hydrazine)	77	13.578	13.570	(1.093)	523271	25.0000	25.00
144	alpha-Terpineol	59	9.694	9.687	(1.012)	68961	25.0000	25.00
143	1,4-Dioxane	58	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
133	Butylatedhydroxytoluene	205	12.648	12.652	(1.018)	273867	25.0000	25.00
115	Tributyl Phosphate	99	13.717	13.709	(0.930)	478407	25.0000	25.00
116	Dibutyl Phenyl Phosphate	175	15.384	15.381	(1.043)	246872	25.0000	25.00
117	Butyl Diphenyl Phosphate	94	17.024	17.027	(0.897)	110229	25.0000	25.00
118	Triphenyl Phosphate	326	18.599	18.592	(0.980)	68349	25.0000	25.00

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: 0250802.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: VS
Method File: /chem3/nt4.i/20050802.b/SW846.m
Misc Info:

Calibration Date: 02-AUG-2005
Calibration Time: 17:35

Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	124009	62004	248018	124009	0.00
27 Naphthalene-d8	439086	219543	878172	439086	0.00
42 Acenaphthene-d10	234157	117078	468314	234157	0.00
59 Phenanthrene-d10	344042	172021	688084	344042	0.00
69 Chrysene-d12	264444	132222	528888	264444	0.00
134 Di-n-octylphthala	474443	237222	948886	474443	0.00
77 Perylene-d12	280601	140300	561202	280601	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.43	6.93	7.93	7.43	0.00
27 Naphthalene-d8	9.58	9.08	10.08	9.58	0.00
42 Acenaphthene-d10	12.42	11.92	12.92	12.42	0.00
59 Phenanthrene-d10	14.74	14.24	15.24	14.74	0.00
69 Chrysene-d12	18.98	18.48	19.48	18.98	0.00
134 Di-n-octylphthala	20.22	19.72	20.72	20.22	0.00
77 Perylene-d12	21.10	20.60	21.60	21.10	0.00

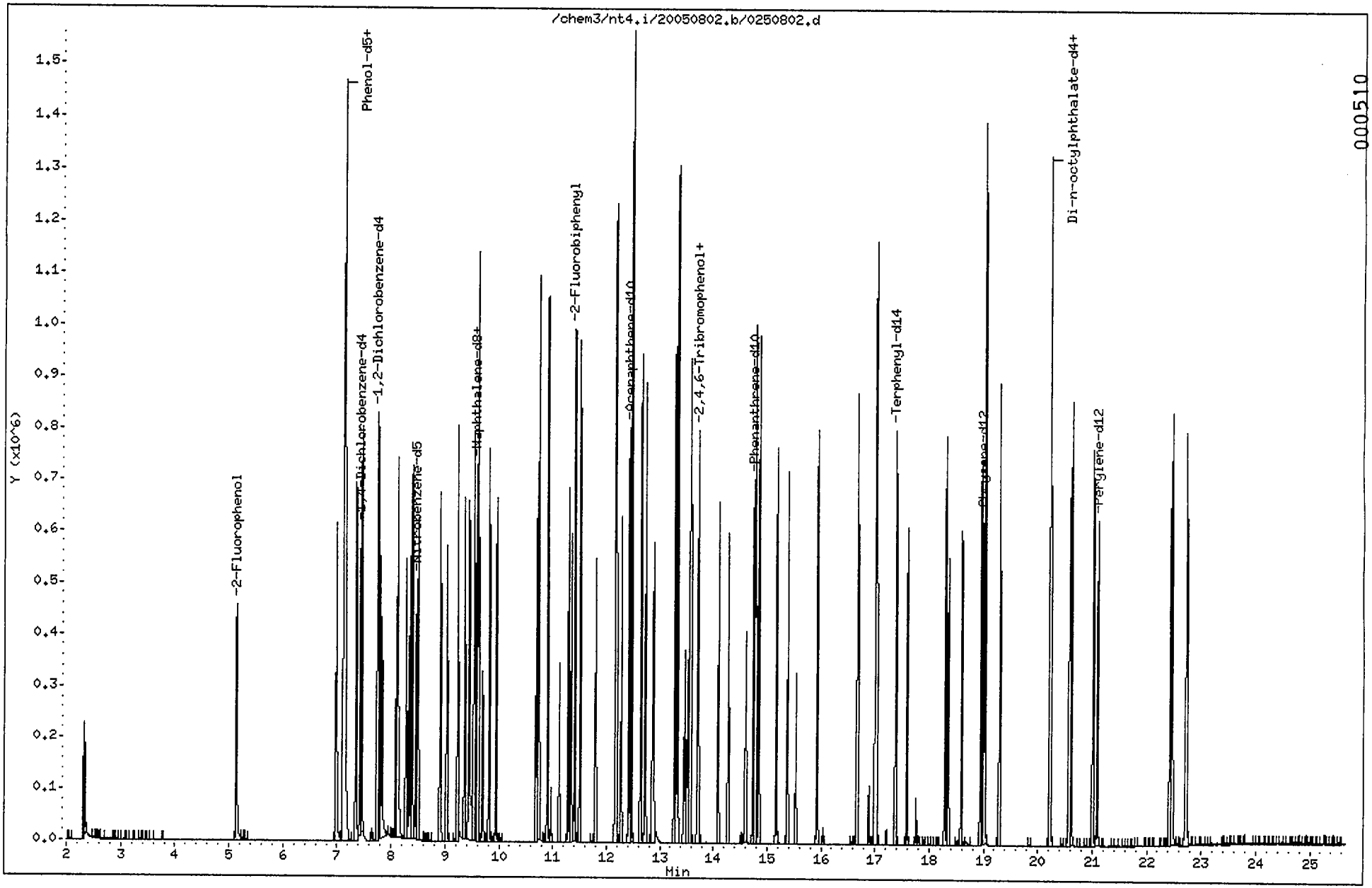
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20050802.b/0250802.d
Date : 02-AUG-2005 17:35
Client ID:
Sample Info: ABN 25

Column phase: RTX-5

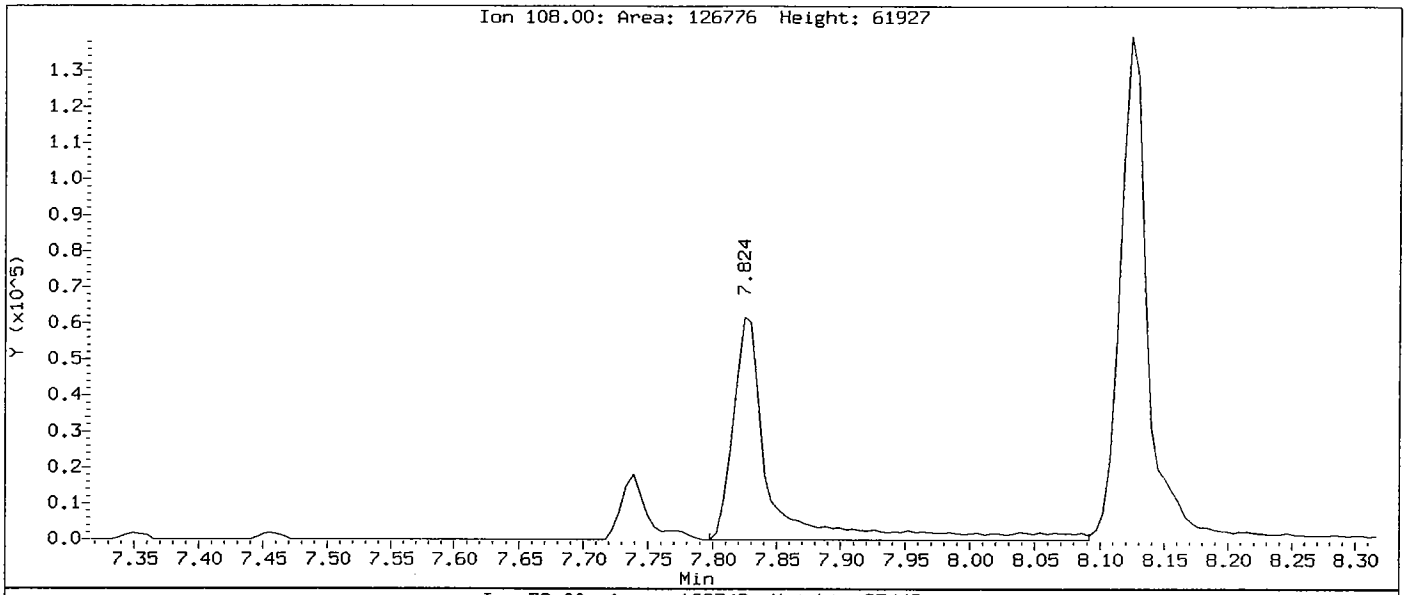
Instrument: nt4.i

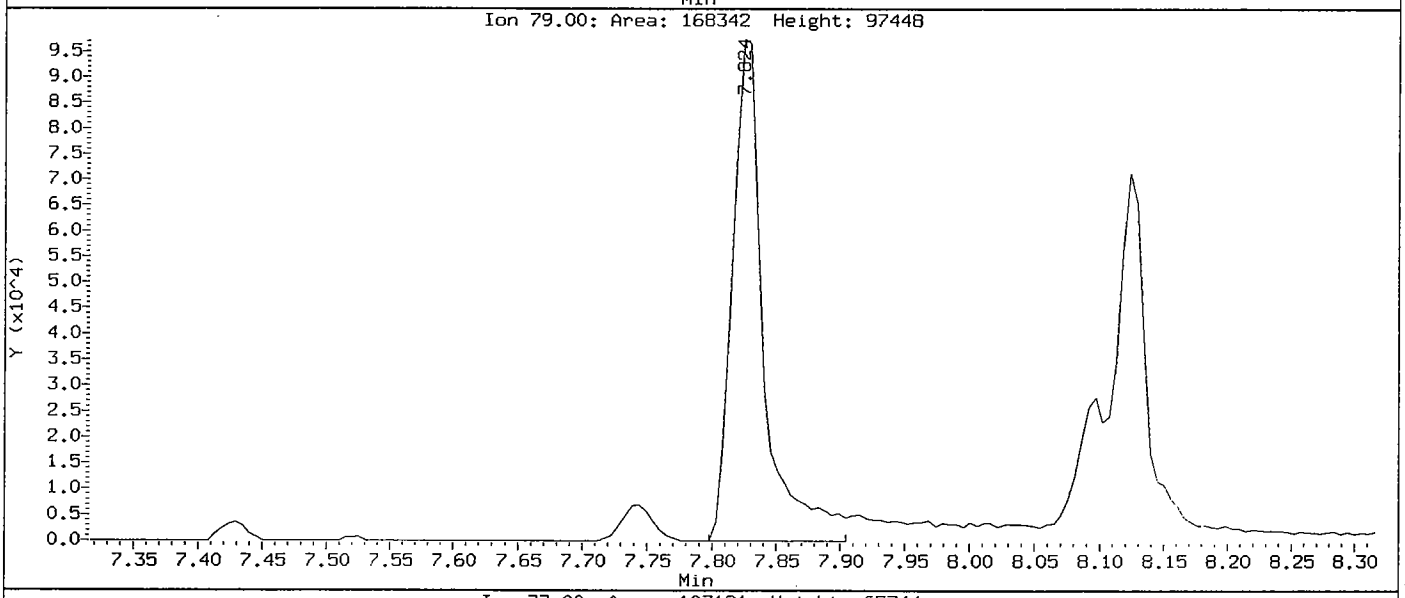
Operator: VS
Column diameter: 0.32

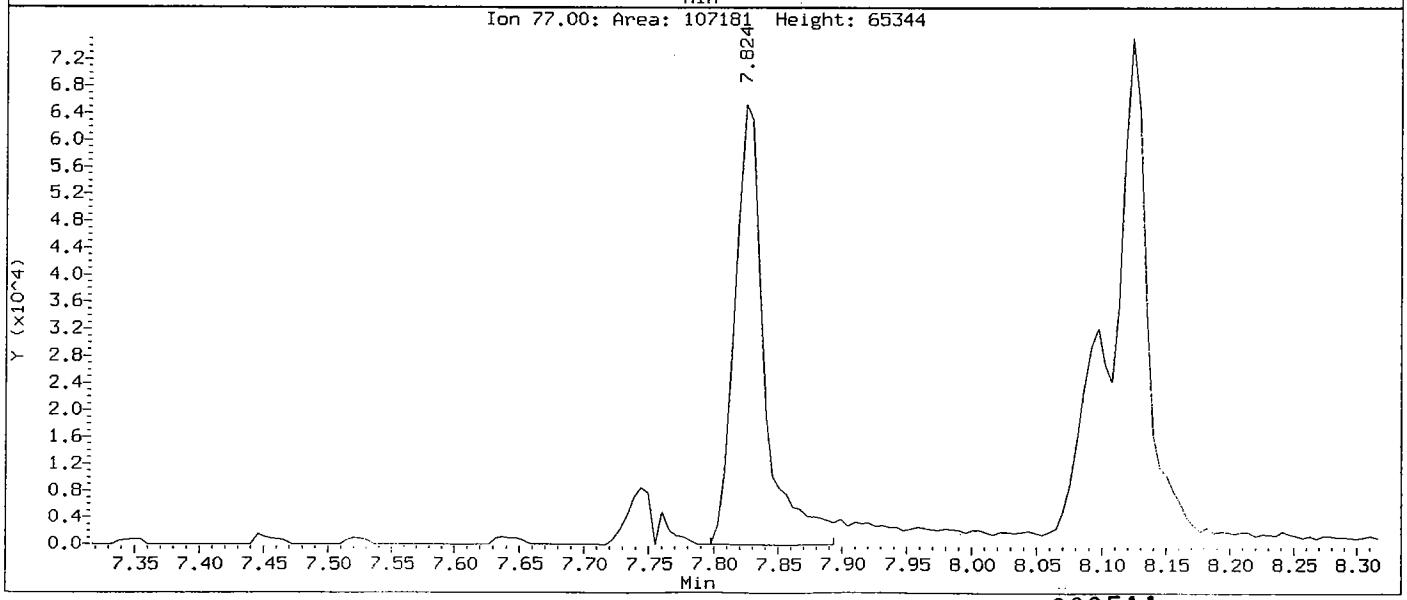


Data File: /chem3/nt4.i/20050802.b/0250802.d
Injection Date: 02-AUG-2005 17:35
Instrument: nt4.i
Client Sample ID:

Compound: Benzyl alcohol
CAS Number: 100-51-6

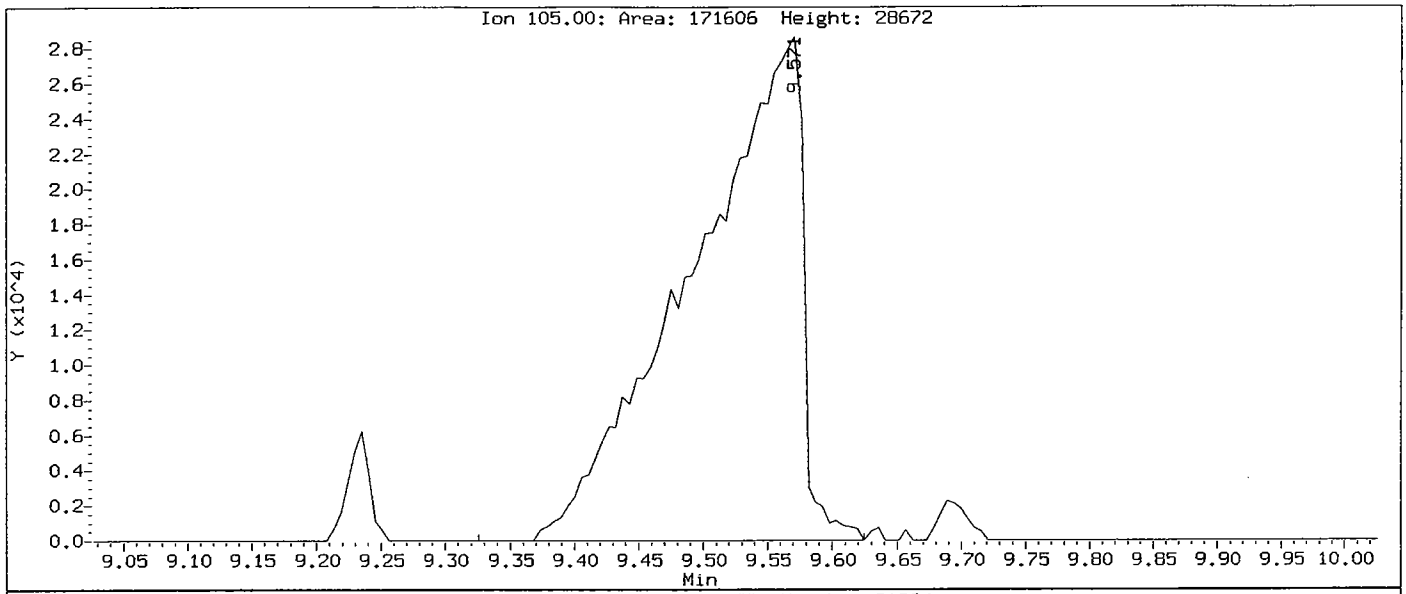


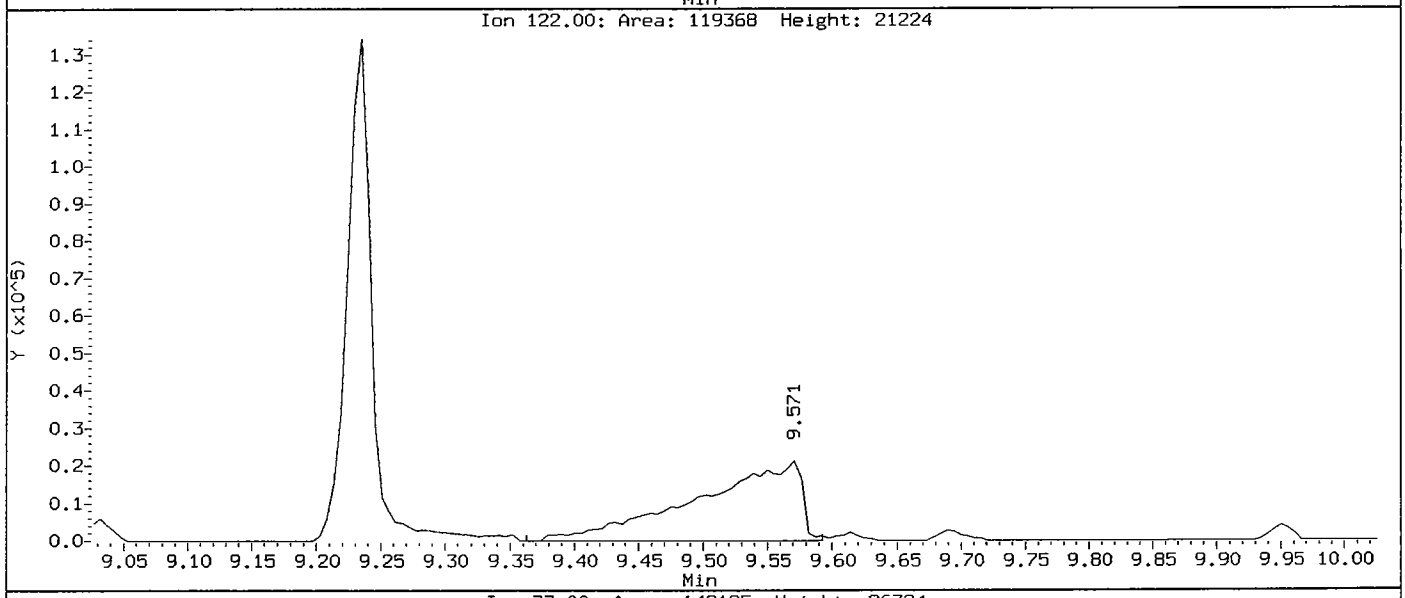


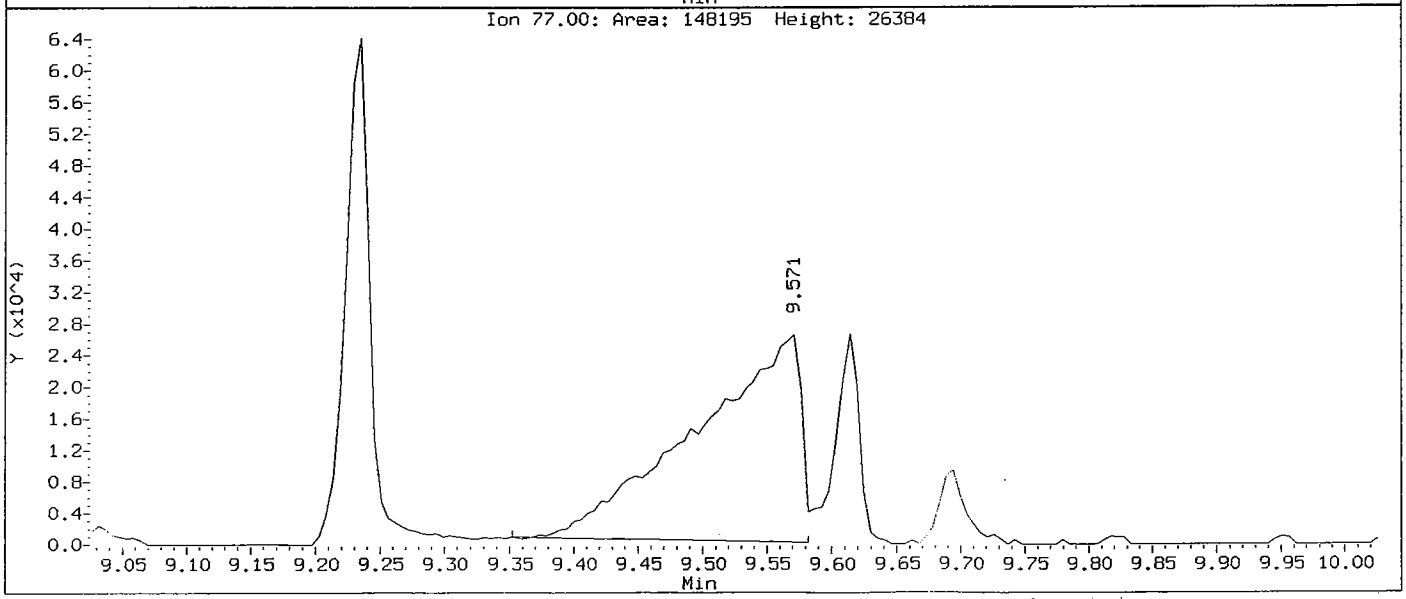


Data File: /chem3/nt4.i/20050802.b/0250802.d
Injection Date: 02-AUG-2005 17:35
Instrument: nt4.i
Client Sample ID:

Compound: Benzoic acid
CAS Number: 65-85-0

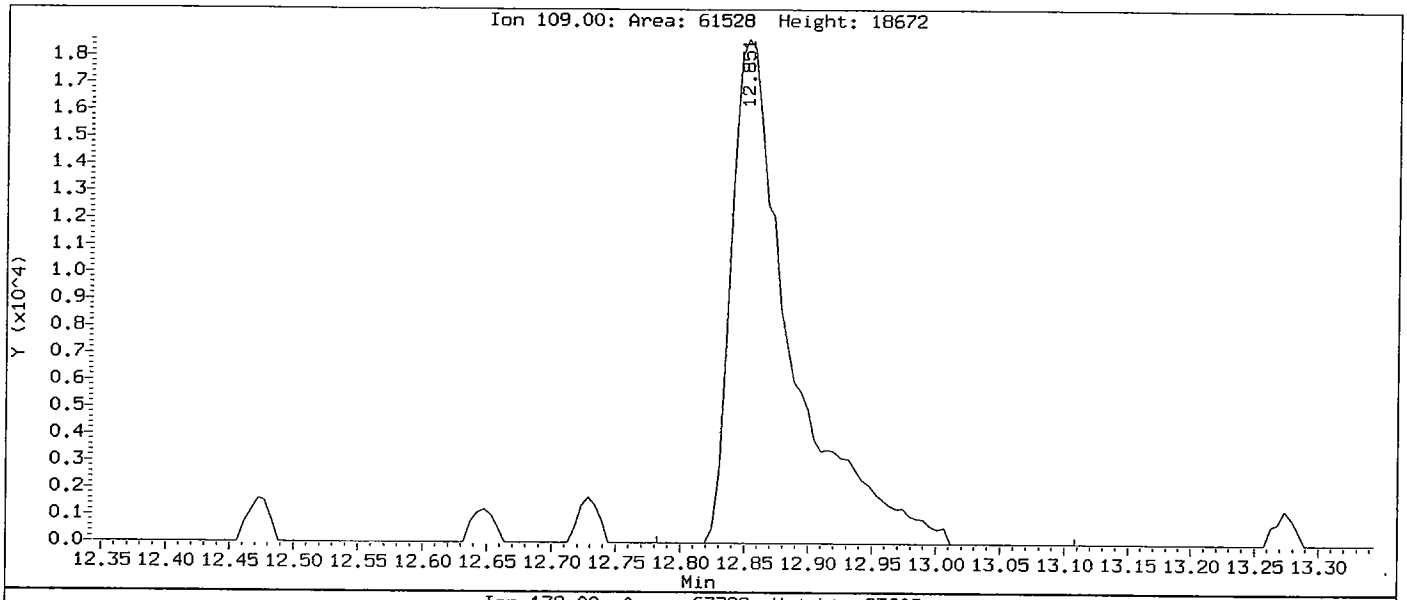


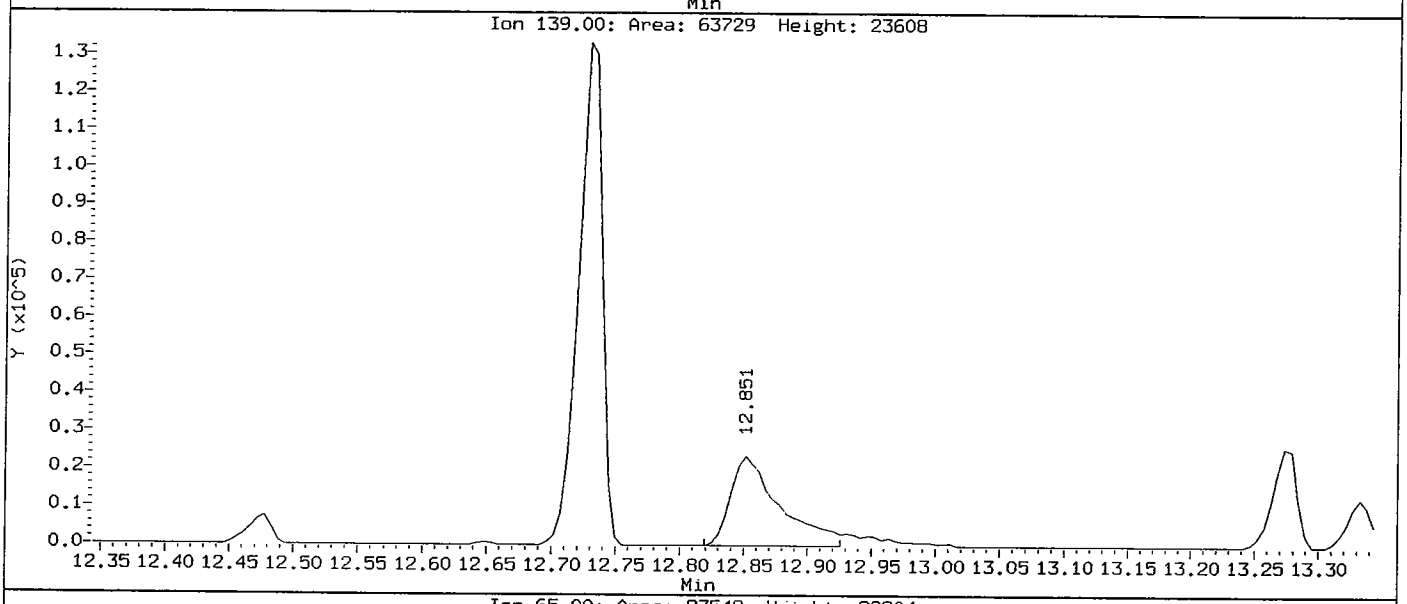


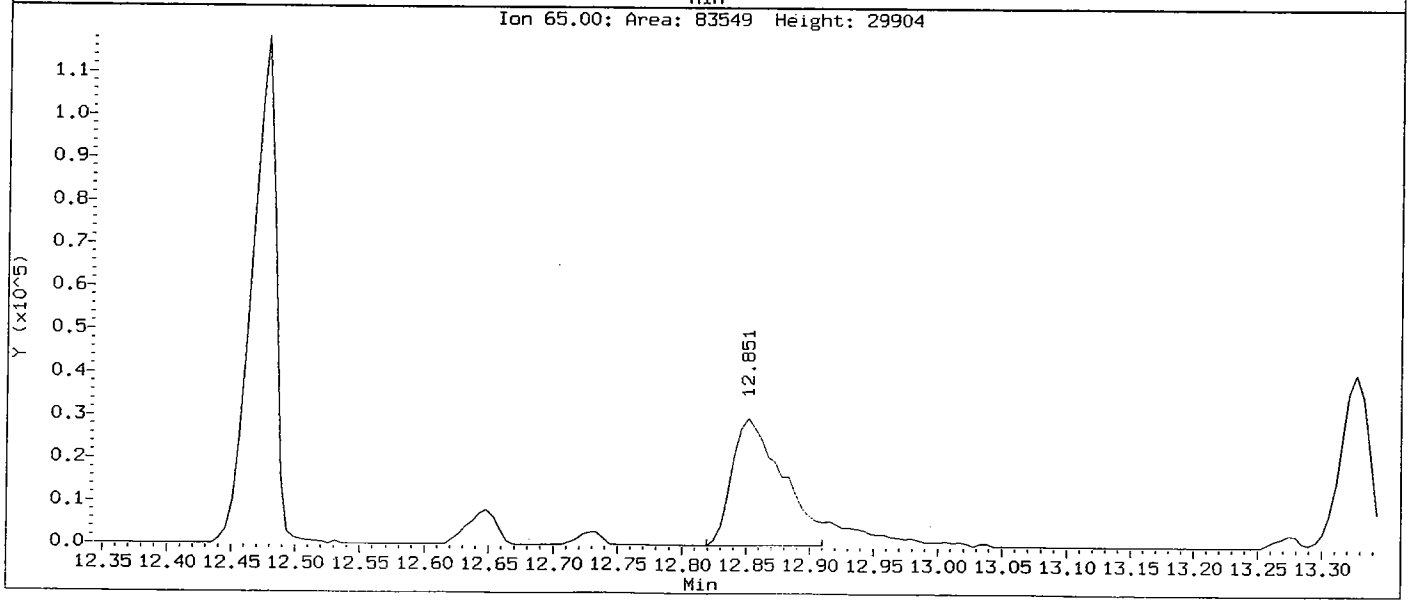


Data File: /chem3/nt4.i/20050802.b/0250802.d
Injection Date: 02-AUG-2005 17:35
Instrument: nt4.i
Client Sample ID:

Compound: 4-Nitrophenol
CAS Number: 100-02-7

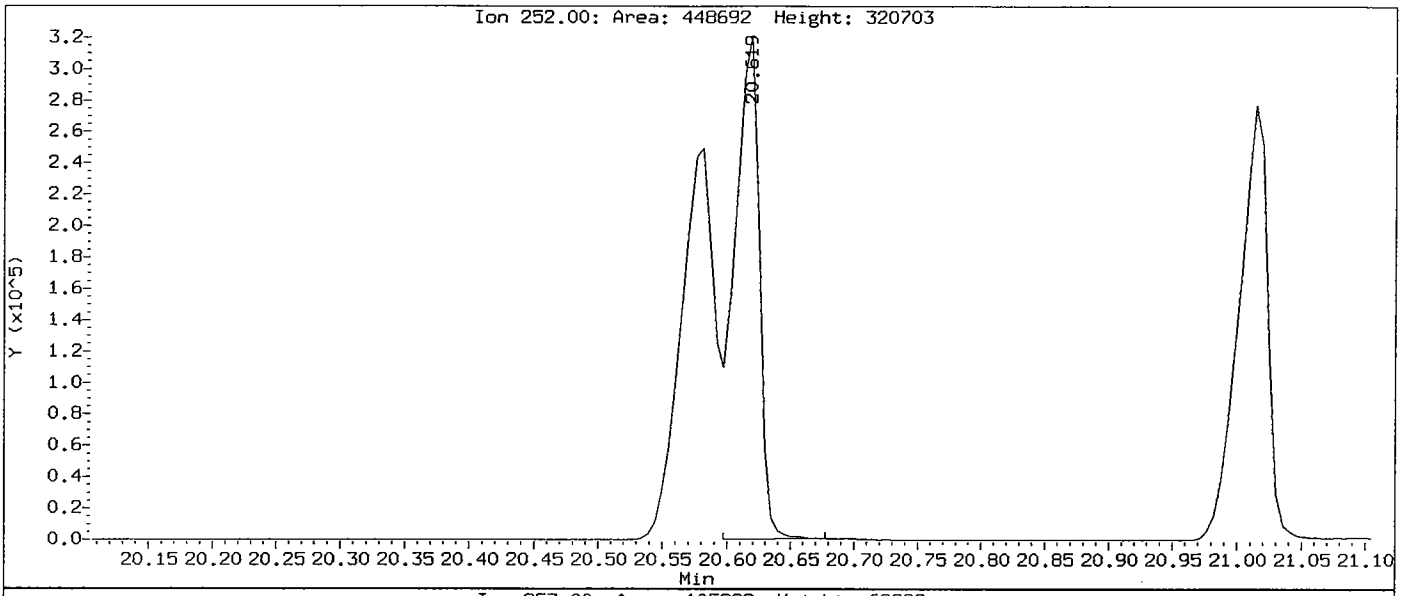


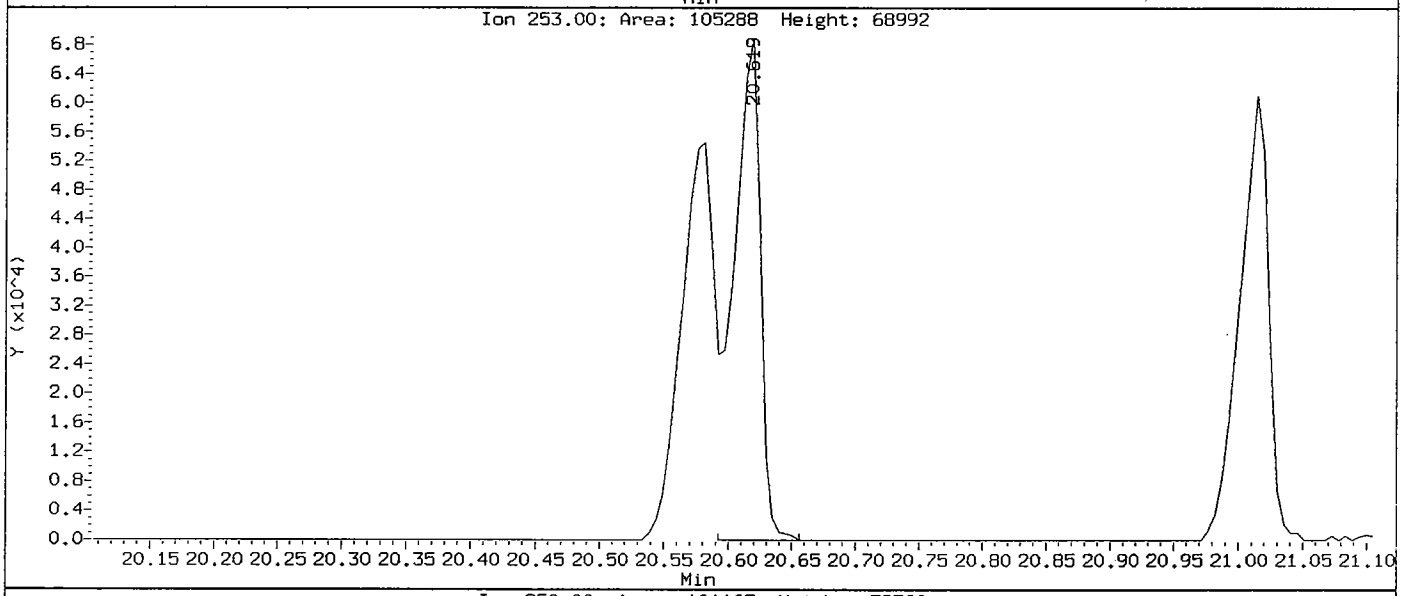


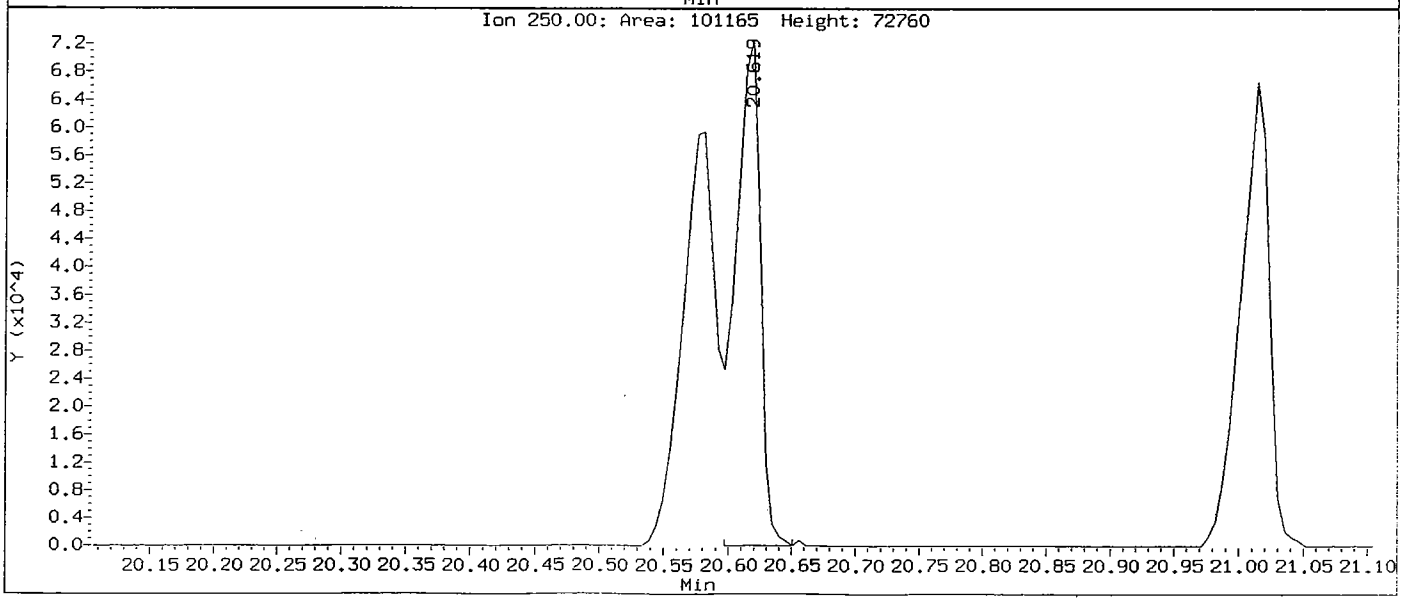


Data File: /chem3/nt4.i/20050802.b/0250802.d
Injection Date: 02-AUG-2005 17:35
Instrument: nt4.i
Client Sample ID:

Compound: Benzo(k)fluoranthene
CAS Number: 207-08-9







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

Data file: /chem3/nt4.i/20050802.b/ddt.b/0250802.d
Method: /chem3/nt4.i/20050802.b/ddt.b/sw846ddt.m
Analysis Date: 02-AUG-2005 17:35

ARI ID: ABN 25
Misc:
Instrument: nt4.i

COMPOUND	RT	AREA
Pentachlorophenol	14.604	52930
Benzidine	16.992	149113
4,4'-DDE	----	----
4,4'-DDD	17.889	4920
4,4'-DDT	18.354	126864

LJR 8/3/05

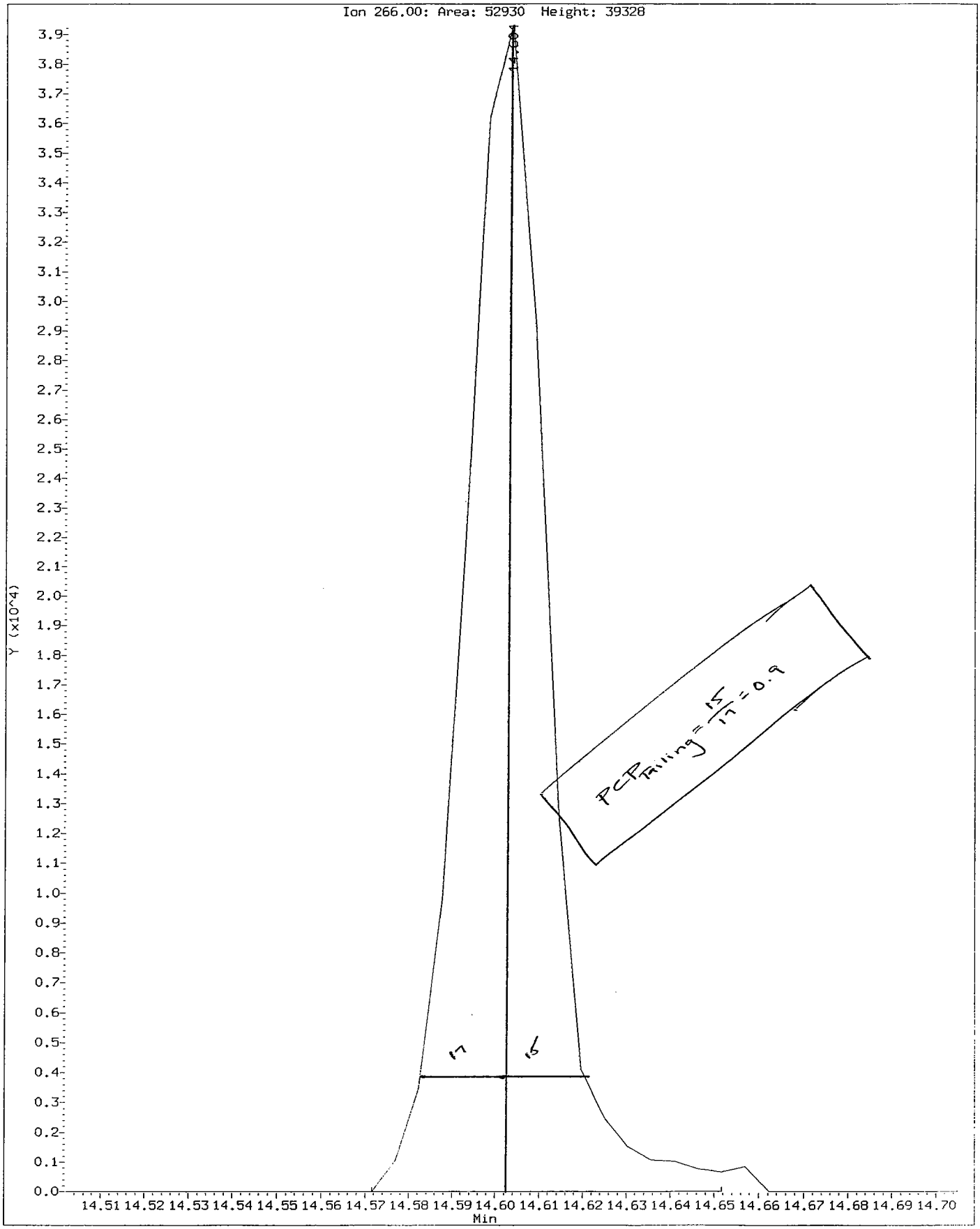
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(0 + 4920) * 100}{(0 + 4920 + 126864)}$$

DDT Percent Breakdown = 3.7 %

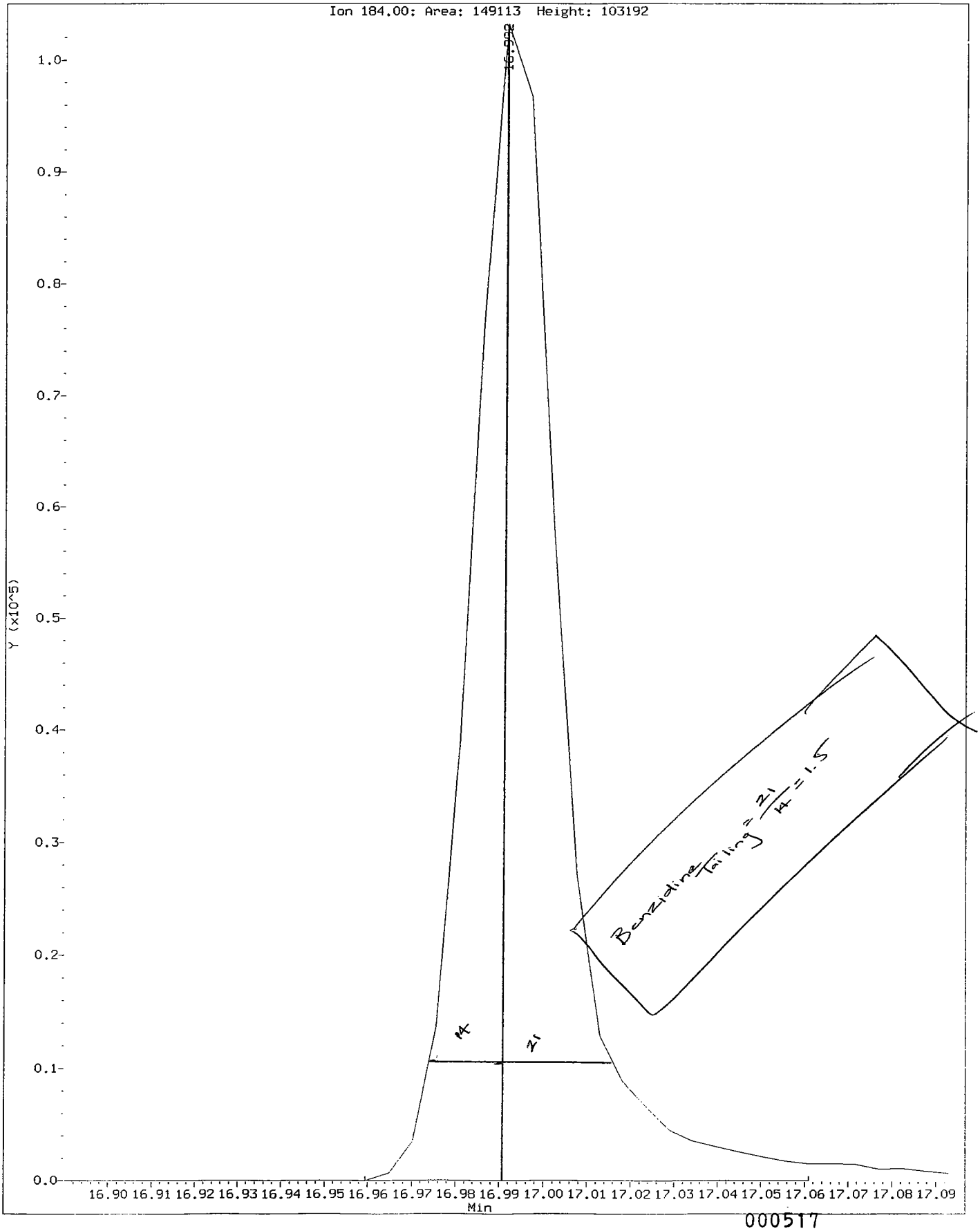
Data File: /chem3/nt4.i/20050802.b/ddt.b/0250802.d
Injection Date: 02-AUG-2005 17:35
Instrument: nt4.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem3/nt4.i/20050802.b/ddt.b/0250802.d
Injection Date: 02-AUG-2005 17:35
Instrument: nt4.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem3/nt4.i/20050802.b/0400802.d
Lab Smp Id: ABN 40
Inj Date : 02-AUG-2005 19:15
Operator : VS Inst ID: nt4.i
Smp Info : ABN 40
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20050802.b/SW846.m
Meth Date : 03-Aug-2005 13:34 jeff Quant Type: ISTD
Cal Date : 02-AUG-2005 19:15 Cal File: 0400802.d
Als bottle: 4 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.135	5.130	(0.691)	292656	40.0000	41.99
$	2 Phenol-d5	99	7.122	7.101	(0.958)	387596	40.0000	42.33
	3 Phenol	94	7.144	7.117	(0.961)	451266	40.0000	43.30
$	5 2-Chlorophenol-d4	132	7.122	7.112	(0.958)	294463	40.0000	41.00
	4 Bis(2-Chloroethyl)ether	93	7.154	7.144	(0.963)	347977	40.0000	42.41
	6 2-Chlorophenol	128	7.149	7.139	(0.962)	295307	40.0000	43.40
	7 1,3-Dichlorobenzene	146	7.352	7.347	(0.989)	305690	40.0000	42.16
*	8 1,4-Dichlorobenzene-d4	152	7.432	7.427	(1.000)	99111	20.0000	
	9 1,4-Dichlorobenzene	146	7.459	7.454	(1.004)	312982	40.0000	41.50
$	10 1,2-Dichlorobenzene-d4	152	7.753	7.748	(1.043)	186642	40.0000	49.93 (M)
	12 1,2-Dichlorobenzene	146	7.774	7.769	(1.046)	293250	40.0000	42.63
	11 Benzyl alcohol	108	7.833	7.817	(1.054)	184026	40.0000	57.12 (M)
	14 2,2'-oxybis(1-Chloropropane)	45	8.100	8.089	(1.090)	323025	40.0000	41.65
	13 2-Methylphenol	108	8.127	8.116	(1.093)	277221	40.0000	42.60
	17 Hexachloroethane	117	8.276	8.276	(1.114)	128497	40.0000	43.21
	16 N-Nitroso-di-n-propylamine	70	8.351	8.325	(1.124)	272844	40.0000	42.26
	15 4-Methylphenol	108	8.394	8.378	(1.129)	294956	40.0000	44.26
$	18 Nitrobenzene-d5	82	8.474	8.458	(0.884)	392005	40.0000	40.28
	19 Nitrobenzene	77	8.506	8.490	(0.887)	400766	40.0000	40.52
	20 Isophorone	82	8.917	8.896	(0.930)	672772	40.0000	40.88
	21 2-Nitrophenol	139	9.040	9.030	(0.943)	153813	40.0000	41.46
	22 2,4-Dimethylphenol	107	9.238	9.222	(0.964)	313860	40.0000	42.89
	23 Bis(2-Chloroethoxy)methane	93	9.371	9.356	(0.978)	387945	40.0000	41.16
	24 Benzoic acid	105	9.612	9.527	(1.003)	241708	40.0000	55.18 (M)
	25 2,4-Dichlorophenol	162	9.452	9.436	(0.986)	214932	40.0000	41.57
	26 1,2,4-Trichlorobenzene	180	9.542	9.537	(0.996)	241802	40.0000	41.23
*	27 Naphthalene-d8	136	9.585	9.580	(1.000)	364153	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.617	9.607	(1.003)	801960	40.0000	40.38
	29 4-Chloroaniline	127	9.826	9.815	(1.025)	323667	40.0000	39.86
	30 Hexachlorobutadiene	225	9.954	9.949	(1.038)	123363	40.0000	40.38
	31 4-Chloro-3-methylphenol	107	10.696	10.686	(1.116)	259393	40.0000	41.33
	32 2-Methylnaphthalene	141	10.744	10.739	(1.121)	441036	40.0000	40.48
	33 Hexachlorocyclopentadiene	237	11.124	11.124	(0.895)	95698	40.0000	44.98
	34 2,4,6-Trichlorophenol	196	11.295	11.289	(0.909)	146843	40.0000	41.65
	35 2,4,5-Trichlorophenol	196	11.353	11.343	(0.914)	151565	40.0000	42.48
$	36 2-Fluorobiphenyl	172	11.418	11.407	(0.919)	511007	40.0000	40.67
	37 2-Chloronaphthalene	162	11.519	11.503	(0.927)	456829	40.0000	41.39
	38 2-Nitroaniline	65	11.807	11.792	(0.950)	191280	40.0000	40.48
	39 Dimethylphthalate	163	12.197	12.182	(0.982)	497172	40.0000	40.69
	40 Acenaphthylene	152	12.176	12.166	(0.980)	743401	40.0000	41.15
	41 2,6-Dinitrotoluene	165	12.288	12.272	(0.989)	117022	40.0000	41.82
*	42 Acenaphthene-d10	164	12.427	12.422	(1.000)	192499	20.0000	
	43 3-Nitroaniline	138	12.486	12.470	(1.005)	133492	40.0000	41.86
	44 Acenaphthene	153	12.481	12.470	(1.004)	474177	40.0000	40.89
	45 2,4-Dinitrophenol	184	12.641	12.625	(1.017)	65713	40.0000	47.93
	46 Dibenzofuran	168	12.737	12.726	(1.025)	593239	40.0000	40.29
	47 4-Nitrophenol	109	12.865	12.844	(1.035)	87362	40.0000	46.33 (M)
	48 2,4-Dinitrotoluene	165	12.892	12.876	(1.037)	145425	40.0000	41.02
	50 Diethylphthalate	149	13.335	13.319	(1.073)	497043	40.0000	40.82
	49 Fluorene	166	13.282	13.271	(1.069)	508969	40.0000	41.59
	51 4-Chlorophenyl-phenylether	204	13.341	13.330	(1.073)	241819	40.0000	41.10
	52 4-Nitroaniline	138	13.485	13.448	(1.085)	122193	40.0000	41.41
	53 4,6-Dinitro-2-methylphenol	198	13.528	13.506	(0.917)	91604	40.0000	44.01
	54 N-Nitrosodiphenylamine	169	13.570	13.554	(0.920)	272198	40.0000	42.30
$	55 2,4,6-Tribromophenol	330	13.715	13.704	(1.104)	51870	40.0000	42.13
	56 4-Bromophenyl-phenylether	248	14.099	14.094	(0.956)	123845	40.0000	41.13
	57 Hexachlorobenzene	284	14.286	14.276	(0.969)	126396	40.0000	40.69
	58 Pentachlorophenol	266	14.612	14.596	(0.991)	76758	40.0000	42.33
*	59 Phenanthrene-d10	188	14.746	14.740	(1.000)	290356	20.0000	
	60 Phenanthrene	178	14.788	14.778	(1.003)	708786	40.0000	40.13
	61 Anthracene	178	14.858	14.842	(1.008)	708796	40.0000	40.50
	62 Carbazole	167	15.184	15.168	(1.030)	568553	40.0000	40.85
	63 Di-n-butylphthalate	149	15.937	15.926	(1.081)	767319	40.0000	41.25
	64 Fluoranthene	202	16.685	16.669	(1.131)	683122	40.0000	41.19
	65 Pyrene	202	17.021	17.011	(0.896)	705798	40.0000	41.12
$	66 Terphenyl-d14	244	17.390	17.379	(0.916)	418104	40.0000	40.65
	67 Butylbenzylphthalate	149	18.304	18.298	(0.964)	331255	40.0000	42.08
	68 Benzo(a)anthracene	228	18.961	18.950	(0.999)	611688	40.0000	40.37
*	69 Chrysene-d12	240	18.987	18.977	(1.000)	220159	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.035	19.025	(1.003)	195819	40.0000	38.88
	71 Chrysene	228	19.030	19.014	(1.002)	601568	40.0000	40.33
	72 bis(2-Ethylhexyl)phthalate	149	19.302	19.297	(0.954)	455540	40.0000	42.11
*	134 Di-n-octylphthalate-d4	153	20.227	20.221	(1.000)	395232	20.0000	
	73 Di-n-octylphthalate	149	20.237	20.232	(1.001)	814985	40.0000	39.77

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	20.590	20.574	(0.975)	637168	40.0000	39.66(H)
75	Benzo(k)fluoranthene	252	20.627	20.606	(0.977)	651404	40.0000	39.99
76	Benzo(a)pyrene	252	21.033	21.007	(0.996)	604331	40.0000	42.06
* 77	Perylene-d12	264	21.108	21.098	(1.000)	231915	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.444	22.422	(1.063)	643786	40.0000	41.92
79	Dibenzo(a,h)anthracene	278	22.481	22.454	(1.065)	625693	40.0000	44.87
80	Benzo(g,h,i)perylene	276	22.743	22.711	(1.077)	658659	40.0000	43.09
90	N-Nitrosodimethylamine	74	2.347	2.336	(0.316)	219453	40.0000	48.01
103	Pyridine	79	2.304	2.320	(0.310)	358190	40.0000	49.97
91	Aniline	93	6.989	6.973	(0.940)	464453	40.0000	40.00
105	1-methylnaphthalene	141	10.915	10.905	(1.139)	448235	40.0000	40.51
93	Benzidine	184	17.000	16.989	(0.895)	110214	40.0000	29.78
98	Retene	219	17.598	17.593	(0.927)	225429	40.0000	42.09
111	Azobenzene (1,2-DP-Hydrazine)	77	13.586	13.570	(1.093)	717163	40.0000	40.26
144	alpha-Terpineol	59	9.697	9.687	(1.012)	132566	40.0000	45.13
143	1,4-Dioxane	58	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
133	Butylatedhydroxytoluene	205	12.657	12.652	(1.018)	356801	40.0000	40.49
115	Tributyl Phosphate	99	13.736	13.709	(0.932)	656474	40.0000	41.02
116	Dibutyl Phenyl Phosphate	175	15.392	15.381	(1.044)	352390	40.0000	42.94
117	Butyl Diphenyl Phosphate	94	17.032	17.027	(0.897)	152768	40.0000	42.19
118	Triphenyl Phosphate	326	18.608	18.592	(0.980)	94147	40.0000	40.72

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: 0400802.d
Lab Smp Id: ABN 40
Analysis Type: SV
Quant Type: ISTD
Operator: VS
Method File: /chem3/nt4.i/20050802.b/SW846.m
Misc Info:

Calibration Date: 02-AUG-2005
Calibration Time: 17:35

Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	124009	62004	248018	99111	-20.08
27 Naphthalene-d8	439086	219543	878172	364153	-17.07
42 Acenaphthene-d10	234157	117078	468314	192499	-17.79
59 Phenanthrene-d10	344042	172021	688084	290356	-15.60
69 Chrysene-d12	264444	132222	528888	220159	-16.75
134 Di-n-octylphthala	474443	237222	948886	395232	-16.70
77 Perylene-d12	280601	140300	561202	231915	-17.35

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.43	6.93	7.93	7.43	0.04
27 Naphthalene-d8	9.58	9.08	10.08	9.59	0.03
42 Acenaphthene-d10	12.42	11.92	12.92	12.43	0.03
59 Phenanthrene-d10	14.74	14.24	15.24	14.75	0.02
69 Chrysene-d12	18.98	18.48	19.48	18.99	0.04
134 Di-n-octylphthala	20.22	19.72	20.72	20.23	0.04
77 Perylene-d12	21.10	20.60	21.60	21.11	0.04

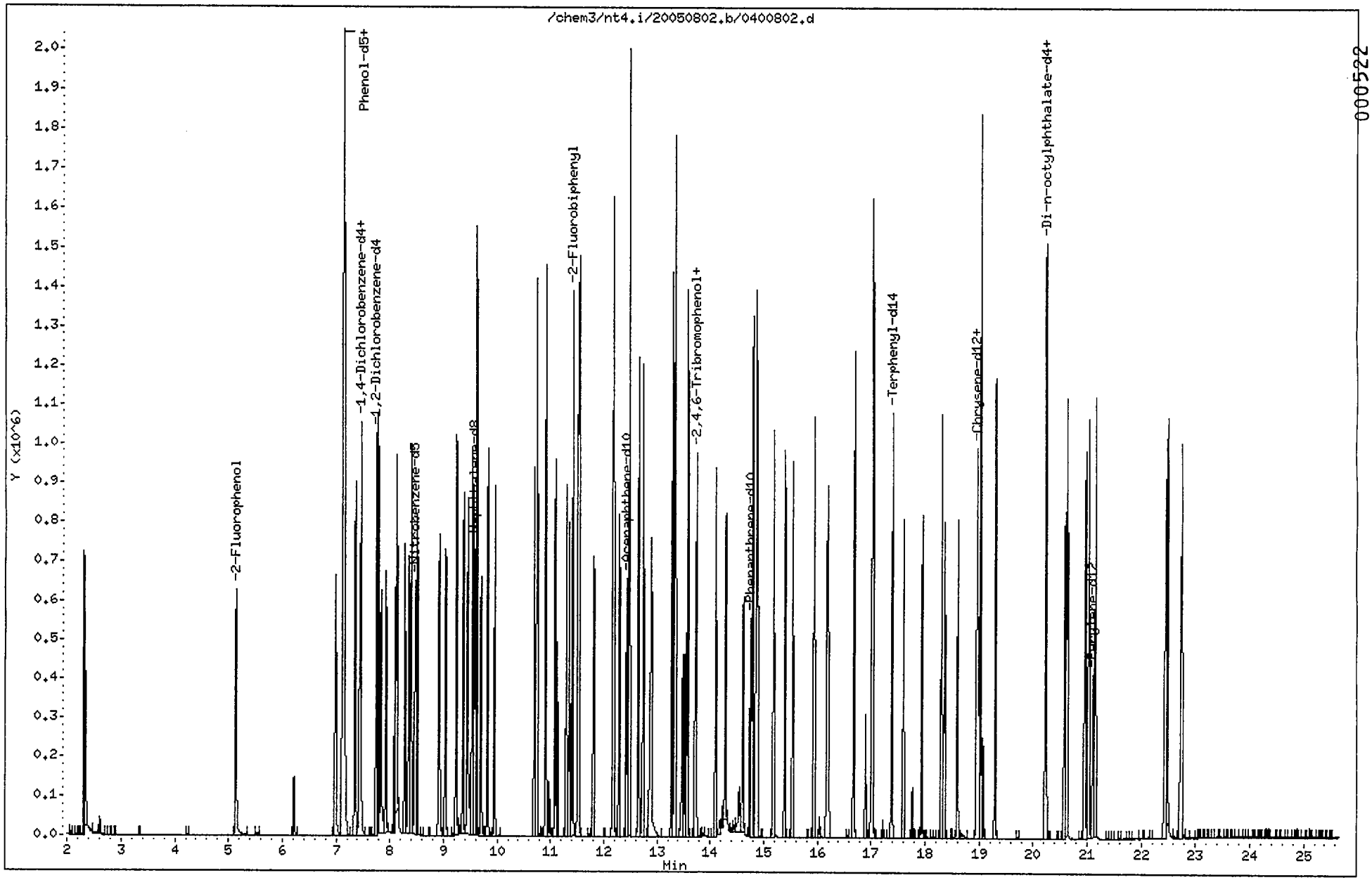
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20050802.b/0400802.d
Date : 02-AUG-2005 19:15
Client ID:
Sample Info: ABN 40

Instrument: nt4.i

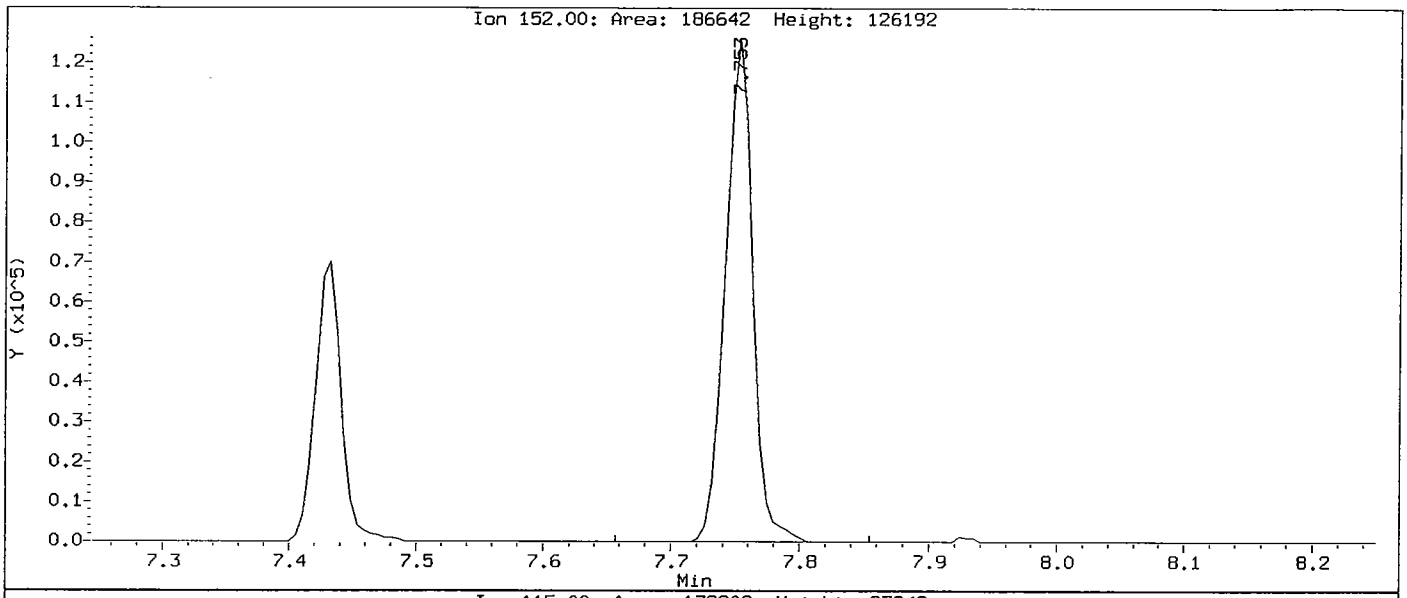
Operator: VS
Column diameter: 0.32

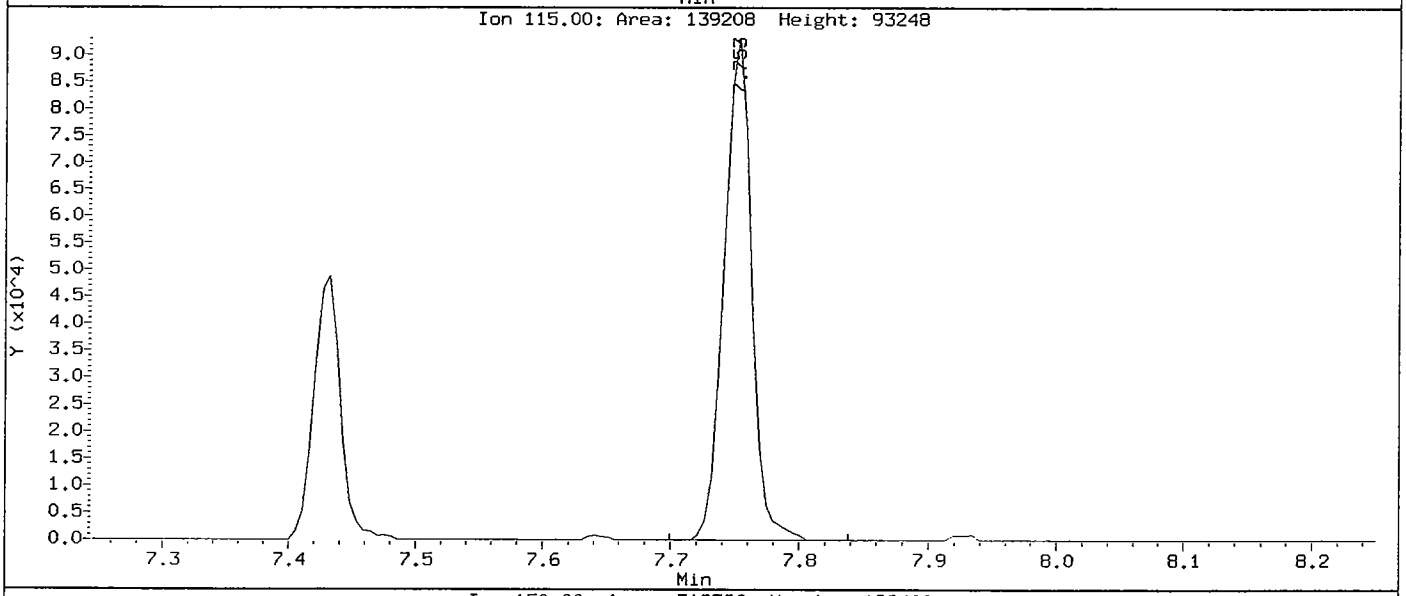
Column phase: RTX-5

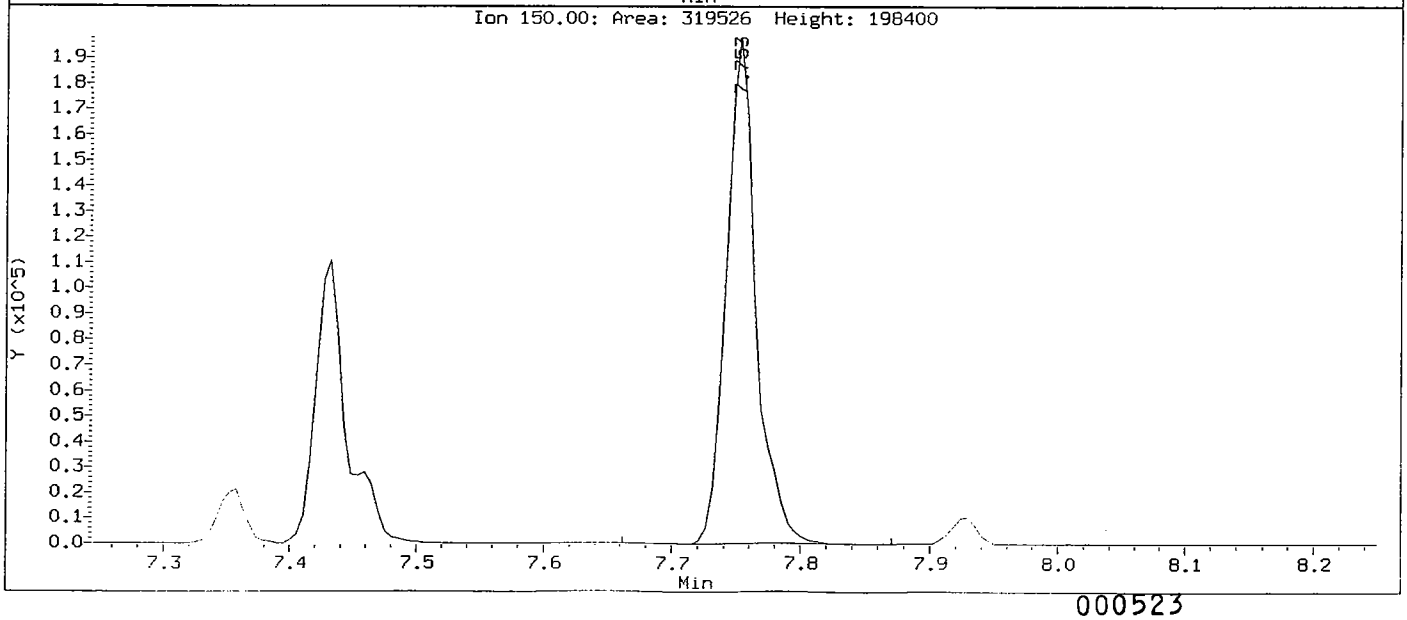


Data File: /chem3/nt4.i/20050802.b/0400802.d
Injection Date: 02-AUG-2005 19:15
Instrument: nt4.i
Client Sample ID:

Compound: 1,2-Dichlorobenzene-d4
CAS Number: 2199-69-1

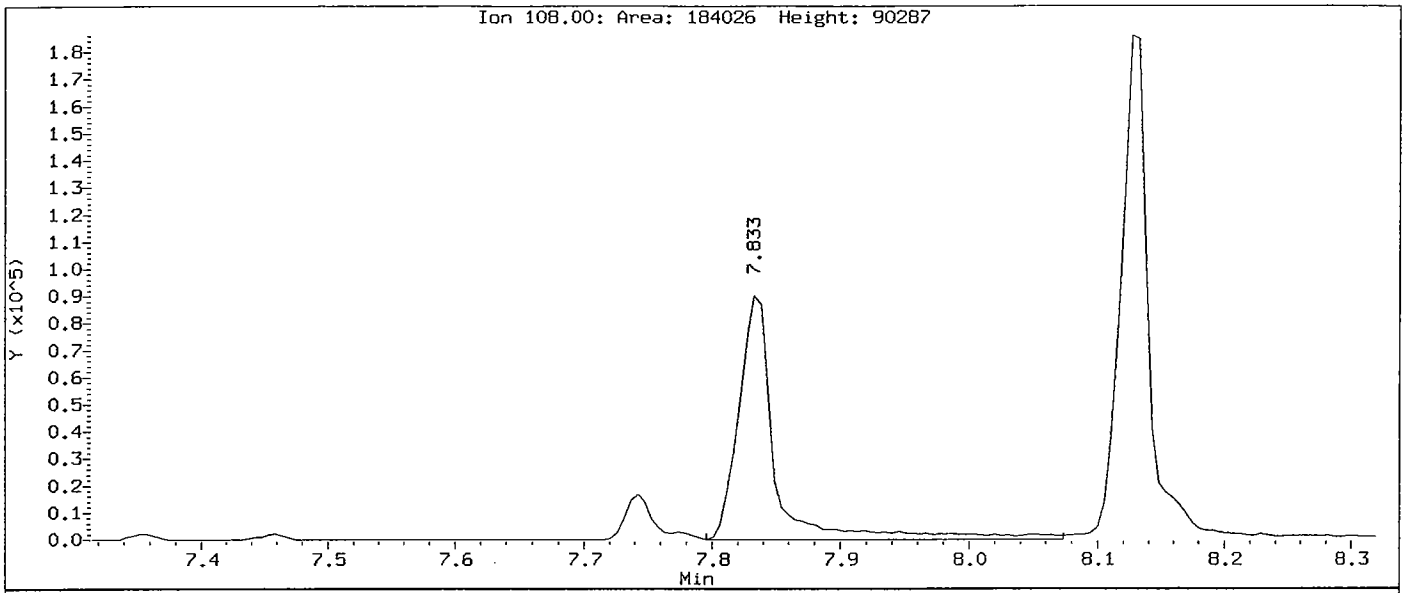


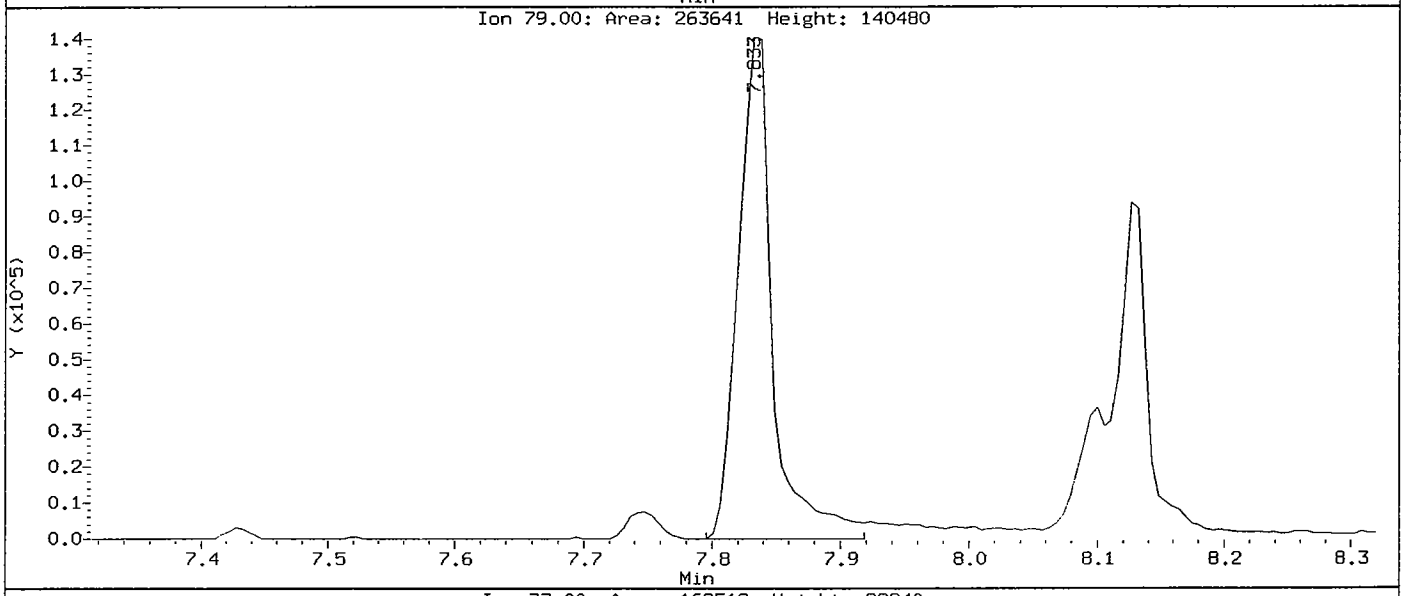


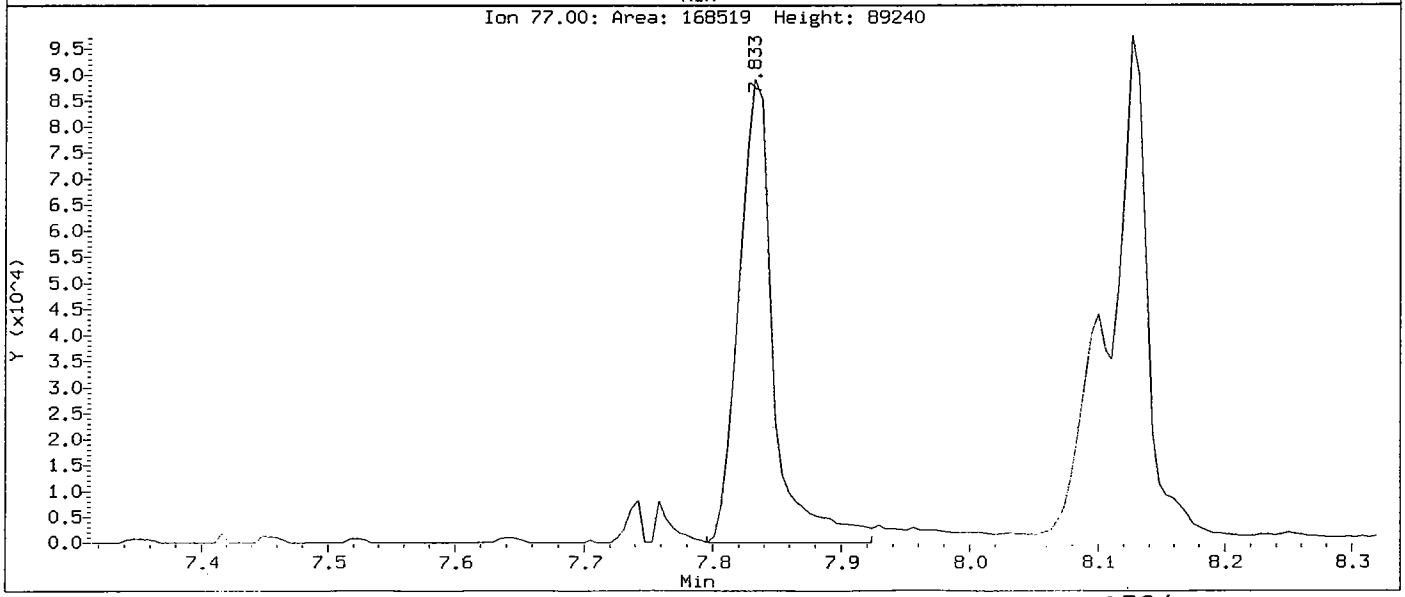


Data File: /chem3/nt4.i/20050802.b/0400802.d
Injection Date: 02-AUG-2005 19:15
Instrument: nt4.i
Client Sample ID:

Compound: Benzyl alcohol
CAS Number: 100-51-6

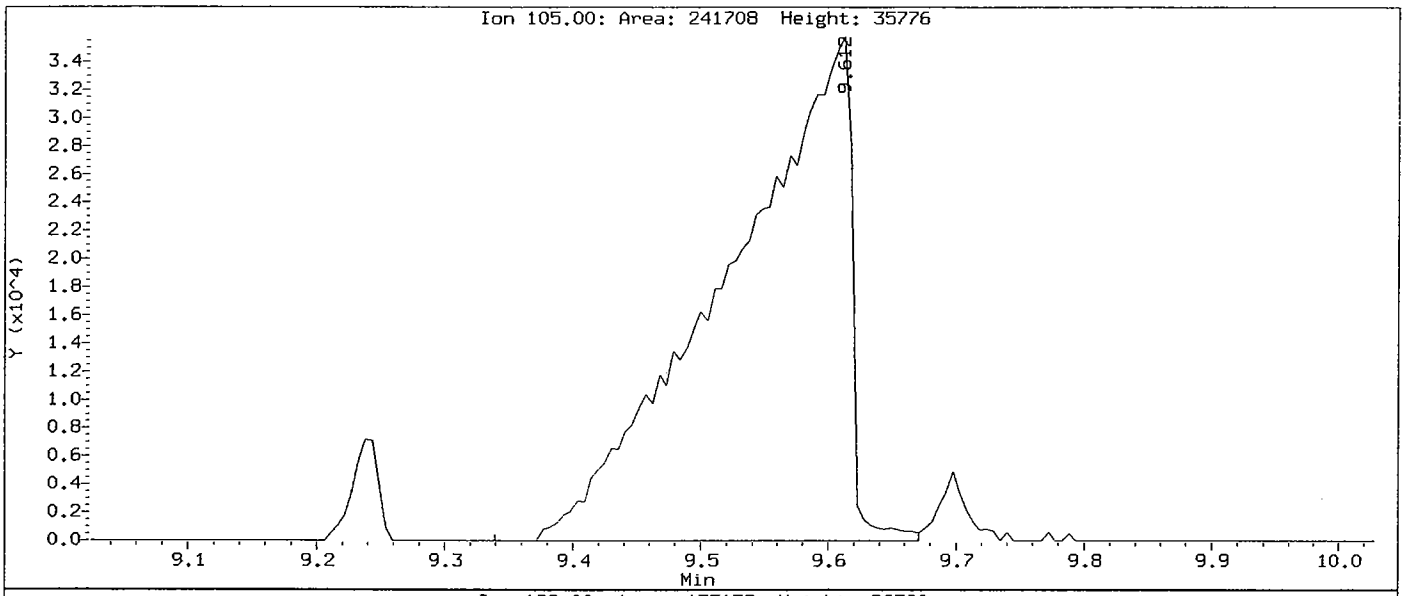


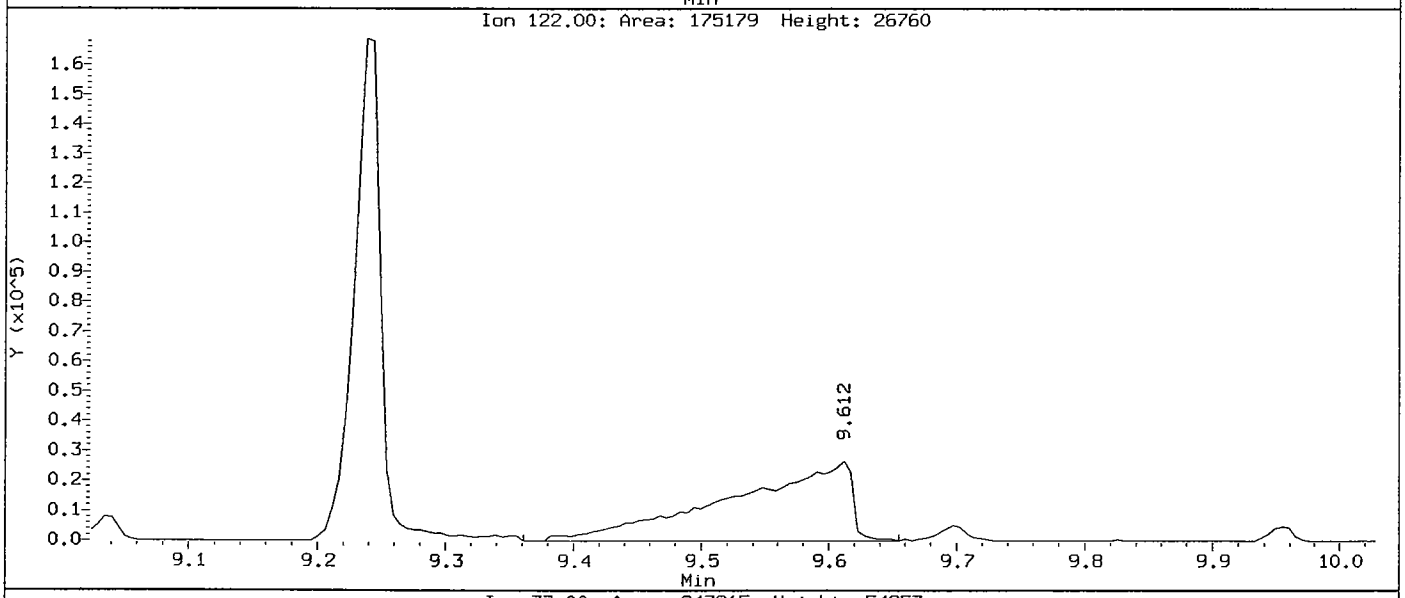


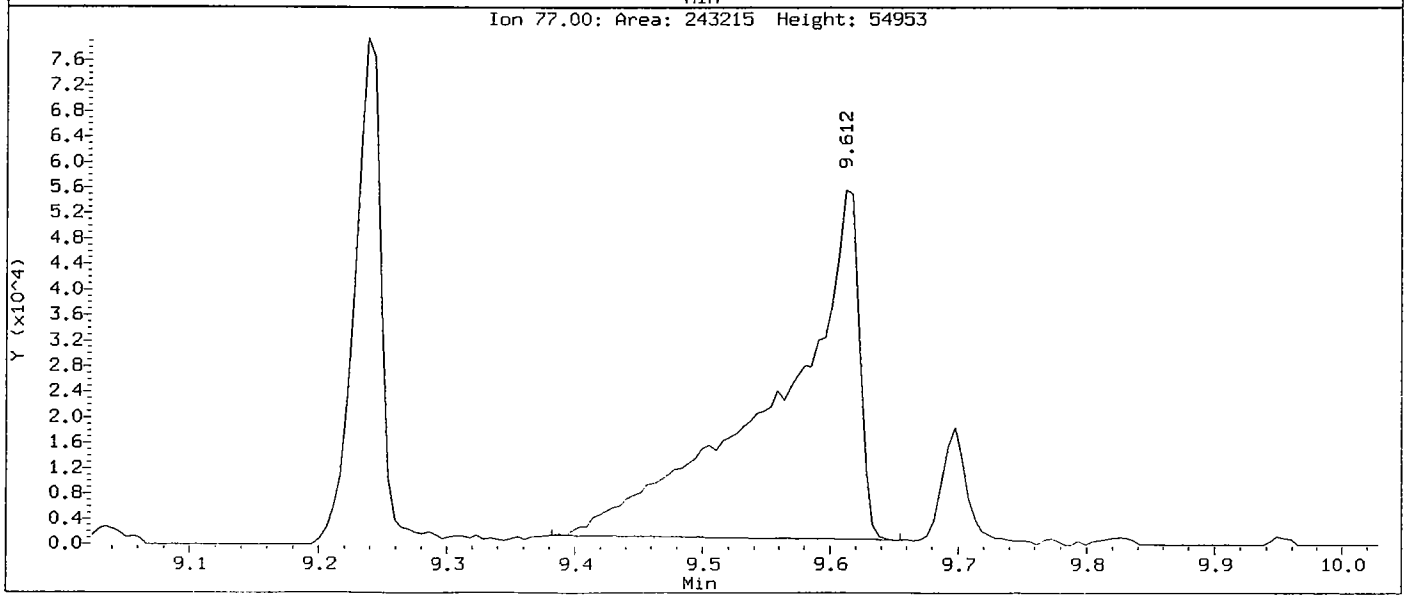


Data File: /chem3/nt4.i/20050802.b/0400802.d
Injection Date: 02-AUG-2005 19:15
Instrument: nt4.i
Client Sample ID:

Compound: Benzoic acid
CAS Number: 65-85-0

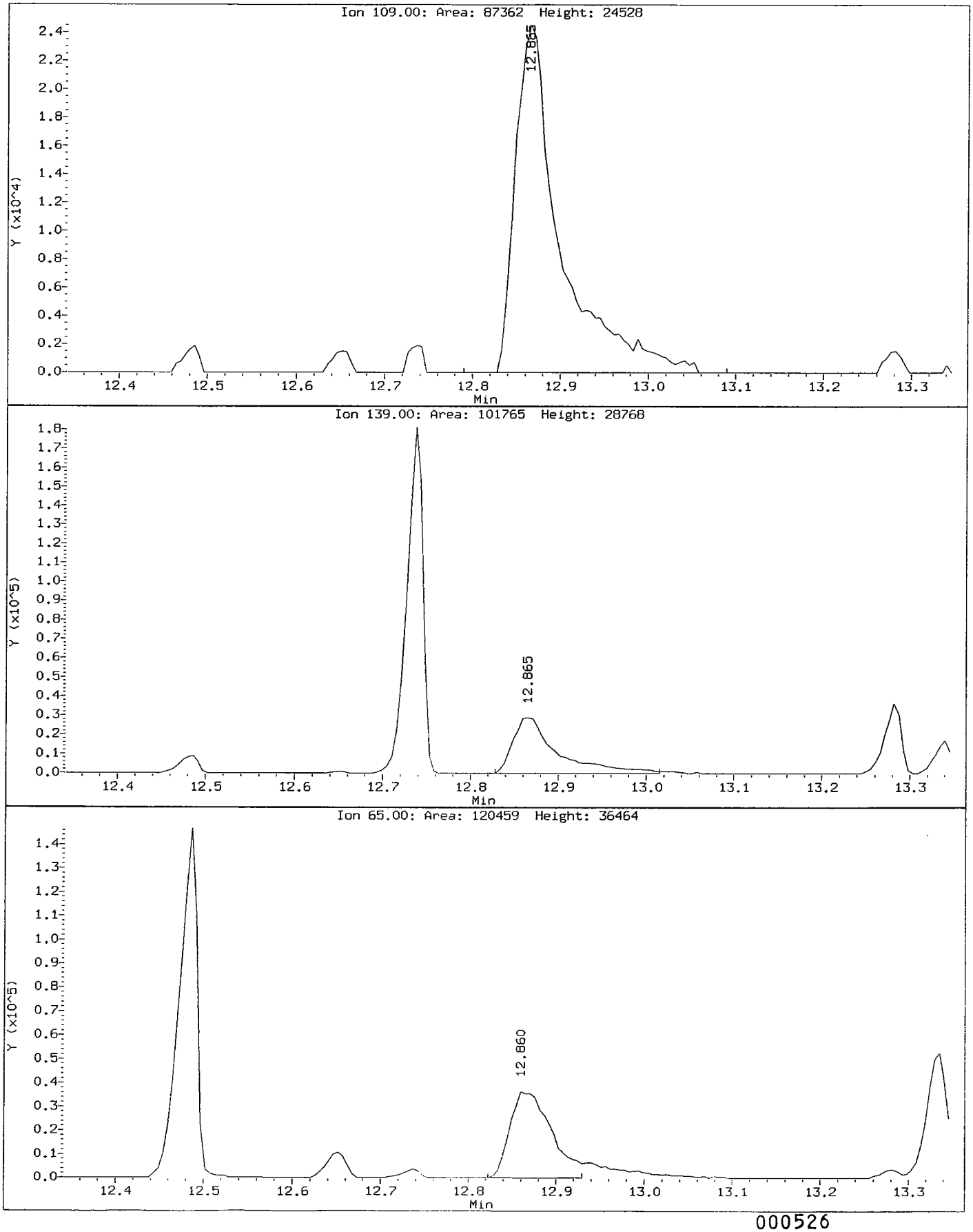






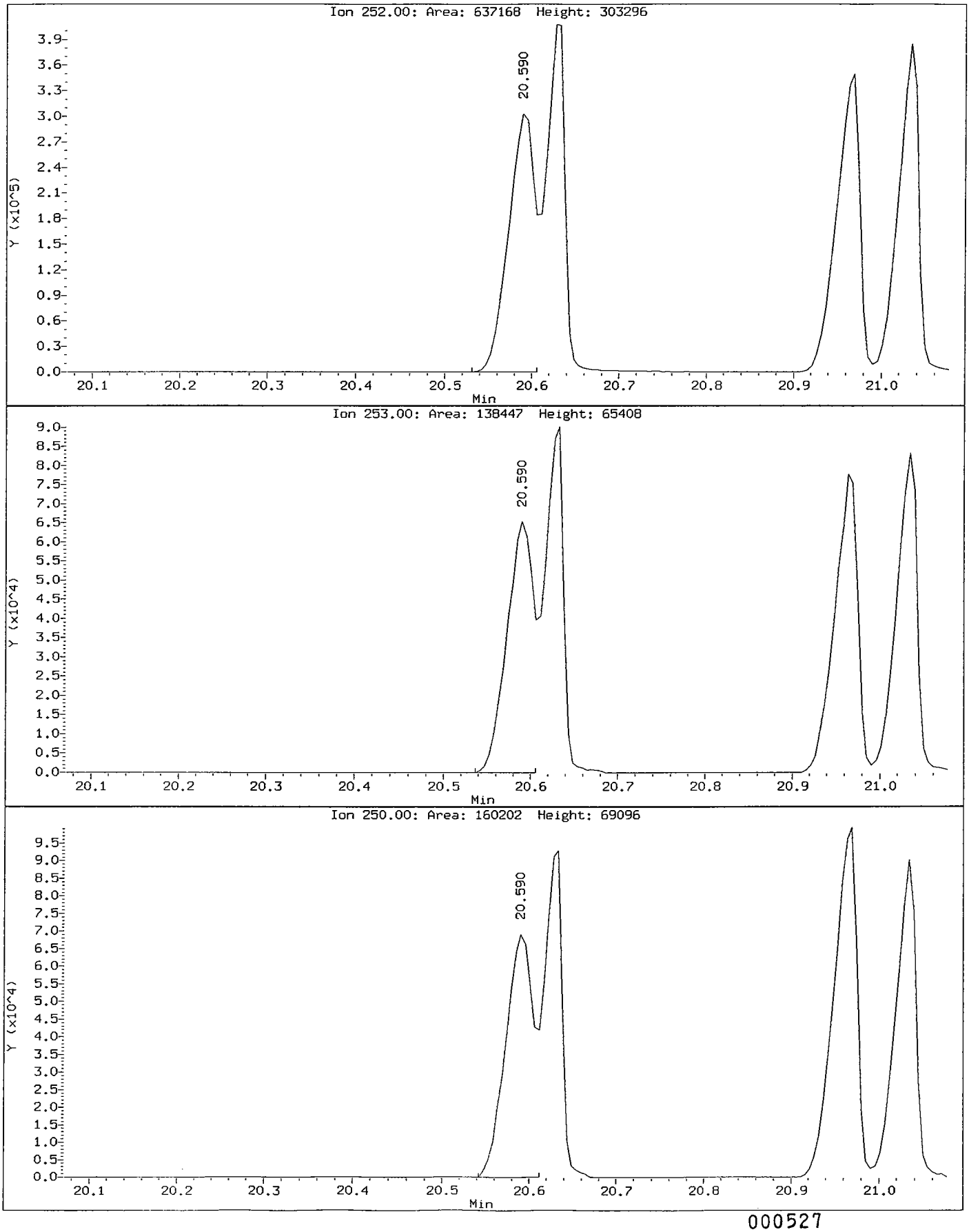
Data File: /chem3/nt4.i/20050802.b/0400802.d
Injection Date: 02-AUG-2005 19:15
Instrument: nt4.i
Client Sample ID:

Compound: 4-Nitrophenol
CAS Number: 100-02-7



Data File: /chem3/nt4.i/20050802.b/0400802.d
Injection Date: 02-AUG-2005 19:15
Instrument: nt4.i
Client Sample ID:

Compound: Benzo(b)fluoranthene
CAS Number: 205-99-2



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem3/nt4.i/20050802.b/0800802.d
Lab Smp Id: ABN 80
Inj Date : 02-AUG-2005 18:09
Operator : VS Inst ID: nt4.i
Smp Info : ABN 80
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20050802.b/SW846.m
Meth Date : 03-Aug-2005 13:34 jeff Quant Type: ISTD
Cal Date : 02-AUG-2005 18:09 Cal File: 0800802.d
Als bottle: 2 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.151	5.130	(0.693)	579903	80.0000	80.99
$	2 Phenol-d5	99	7.149	7.101	(0.961)	756795	80.0000	80.45
	3 Phenol	94	7.171	7.117	(0.964)	855454	80.0000	79.91
$	5 2-Chlorophenol-d4	132	7.133	7.112	(0.959)	587880	80.0000	79.67
	4 Bis(2-Chloroethyl)ether	93	7.171	7.144	(0.964)	675776	80.0000	80.18
	6 2-Chlorophenol	128	7.160	7.139	(0.963)	568735	80.0000	81.36
	7 1,3-Dichlorobenzene	146	7.363	7.347	(0.990)	609367	80.0000	81.80
*	8 1,4-Dichlorobenzene-d4	152	7.438	7.427	(1.000)	101822	20.0000	
	9 1,4-Dichlorobenzene	146	7.470	7.454	(1.004)	622958	80.0000	80.40
$	10 1,2-Dichlorobenzene-d4	152	7.763	7.748	(1.044)	370460	80.0000	79.16 (M)
	12 1,2-Dichlorobenzene	146	7.785	7.769	(1.047)	574392	80.0000	81.27
	11 Benzyl alcohol	108	7.865	7.817	(1.057)	367423	80.0000	106.9 (M)
	14 2,2'-oxybis(1-Chloropropane)	45	8.111	8.089	(1.091)	632367	80.0000	79.37
	13 2-Methylphenol	108	8.148	8.116	(1.096)	532116	80.0000	79.60
	17 Hexachloroethane	117	8.282	8.276	(1.113)	252949	80.0000	82.79
	16 N-Nitroso-di-n-propylamine	70	8.383	8.325	(1.127)	522528	80.0000	78.77
	15 4-Methylphenol	108	8.421	8.378	(1.132)	571329	80.0000	83.46
$	18 Nitrobenzene-d5	82	8.490	8.458	(0.885)	762431	80.0000	78.52
	19 Nitrobenzene	77	8.527	8.490	(0.889)	759247	80.0000	76.94
	20 Isophorone	82	8.944	8.896	(0.932)	1312026	80.0000	79.90
	21 2-Nitrophenol	139	9.051	9.030	(0.943)	302514	80.0000	81.73
	22 2,4-Dimethylphenol	107	9.259	9.222	(0.965)	603899	80.0000	82.70
	23 Bis(2-Chloroethoxy)methane	93	9.388	9.356	(0.978)	748648	80.0000	79.61
	24 Benzoic acid	105	9.703	9.527	(1.011)	510011	80.0000	90.08 (M)
	25 2,4-Dichlorophenol	162	9.473	9.436	(0.987)	420578	80.0000	81.54
	26 1,2,4-Trichlorobenzene	180	9.548	9.537	(0.995)	475869	80.0000	81.32
*	27 Naphthalene-d8	136	9.596	9.580	(1.000)	363330	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.633	9.607	(1.004)	1549202	80.0000	78.18
	29 4-Chloroaniline	127	9.842	9.815	(1.026)	637792	80.0000	78.73
	30 Hexachlorobutadiene	225	9.959	9.949	(1.038)	238214	80.0000	78.14
	31 4-Chloro-3-methylphenol	107	10.707	10.686	(1.116)	514223	80.0000	82.12
	32 2-Methylnaphthalene	141	10.755	10.739	(1.121)	854612	80.0000	78.62
	33 Hexachlorocyclopentadiene	237	11.129	11.124	(0.895)	191149	80.0000	89.35
	34 2,4,6-Trichlorophenol	196	11.311	11.289	(0.910)	296870	80.0000	83.76
	35 2,4,5-Trichlorophenol	196	11.364	11.343	(0.914)	301322	80.0000	84.01
$	36 2-Fluorobiphenyl	172	11.428	11.407	(0.919)	979290	80.0000	77.52
	37 2-Chloronaphthalene	162	11.530	11.503	(0.927)	872712	80.0000	78.64
	38 2-Nitroaniline	65	11.829	11.792	(0.951)	375553	80.0000	79.05
	39 Dimethylphthalate	163	12.213	12.182	(0.982)	954314	80.0000	77.68
	40 Acenaphthylene	152	12.187	12.166	(0.980)	1430384	80.0000	78.76
	41 2,6-Dinitrotoluene	165	12.310	12.272	(0.990)	224787	80.0000	79.91
*	42 Acenaphthene-d10	164	12.433	12.422	(1.000)	193542	20.0000	
	43 3-Nitroaniline	138	12.507	12.470	(1.006)	257654	80.0000	80.36
	44 Acenaphthene	153	12.491	12.470	(1.005)	912137	80.0000	78.23
	45 2,4-Dinitrophenol	184	12.662	12.625	(1.018)	144191	80.0000	104.6
	46 Dibenzofuran	168	12.753	12.726	(1.026)	1153911	80.0000	77.94
	47 4-Nitrophenol	109	12.892	12.844	(1.037)	173527	80.0000	87.96 (M)
	48 2,4-Dinitrotoluene	165	12.908	12.876	(1.038)	290968	80.0000	81.63
	50 Diethylphthalate	149	13.351	13.319	(1.074)	926193	80.0000	75.65
	49 Fluorene	166	13.298	13.271	(1.070)	980062	80.0000	79.66
	51 4-Chlorophenyl-phenylether	204	13.351	13.330	(1.074)	464332	80.0000	78.49
	52 4-Nitroaniline	138	13.522	13.448	(1.088)	245396	80.0000	82.71
	53 4,6-Dinitro-2-methylphenol	198	13.560	13.506	(0.919)	181144	80.0000	87.64
	54 N-Nitrosodiphenylamine	169	13.586	13.554	(0.921)	500216	80.0000	78.29
$	55 2,4,6-Tribromophenol	330	13.725	13.704	(1.104)	102234	80.0000	82.59
	56 4-Bromophenyl-phenylether	248	14.110	14.094	(0.956)	243131	80.0000	81.33
	57 Hexachlorobenzene	284	14.297	14.276	(0.969)	249307	80.0000	80.83
	58 Pentachlorophenol	266	14.628	14.596	(0.991)	158665	80.0000	88.12
*	59 Phenanthrene-d10	188	14.756	14.740	(1.000)	288291	20.0000	
	60 Phenanthrene	178	14.799	14.778	(1.003)	1375048	80.0000	78.42
	61 Anthracene	178	14.874	14.842	(1.008)	1352940	80.0000	77.87
	62 Carbazole	167	15.200	15.168	(1.030)	1120103	80.0000	81.05
	63 Di-n-butylphthalate	149	15.948	15.926	(1.081)	1465206	80.0000	79.33
	64 Fluoranthene	202	16.696	16.669	(1.131)	1342330	80.0000	81.51
	65 Pyrene	202	17.037	17.011	(0.897)	1362564	80.0000	78.17
$	66 Terphenyl-d14	244	17.401	17.379	(0.916)	817121	80.0000	78.23
	67 Butylbenzylphthalate	149	18.314	18.298	(0.964)	641826	80.0000	80.30
	68 Benzo(a)anthracene	228	18.977	18.950	(0.999)	1251028	80.0000	81.32
*	69 Chrysene-d12	240	18.998	18.977	(1.000)	223560	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.051	19.025	(1.003)	431637	80.0000	84.41
	71 Chrysene	228	19.051	19.014	(1.003)	1172037	80.0000	77.39
	72 bis(2-Ethylhexyl)phthalate	149	19.308	19.297	(0.954)	878251	80.0000	79.10
*	134 Di-n-octylphthalate-d4	153	20.237	20.221	(1.000)	405594	20.0000	
	73 Di-n-octylphthalate	149	20.248	20.232	(1.001)	1598994	80.0000	76.03

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	20.622	20.574	(0.976)	1606512	80.0000	92.41
75	Benzo(k)fluoranthene	252	20.654	20.606	(0.978)	1190675	80.0000	71.78 (M)
76	Benzo(a)pyrene	252	21.060	21.007	(0.997)	1227798	80.0000	78.97
* 77	Perylene-d12	264	21.119	21.098	(1.000)	250953	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.476	22.422	(1.064)	1487457	80.0000	91.33 (M)
79	Dibenzo(a,h)anthracene	278	22.508	22.454	(1.066)	1304747	80.0000	86.47
80	Benzo(g,h,i)perylene	276	22.775	22.711	(1.078)	1340554	80.0000	81.05
90	N-Nitrosodimethylamine	74	2.363	2.336	(0.318)	413205	80.0000	88.00
103	Pyridine	79	2.309	2.320	(0.310)	739218	80.0000	100.4
91	Aniline	93	7.010	6.973	(0.943)	903843	80.0000	75.77
105	1-methylnaphthalene	141	10.926	10.905	(1.139)	874929	80.0000	79.26
93	Benzidine	184	17.005	16.989	(0.895)	193682	80.0000	51.53
98	Retene	219	17.609	17.593	(0.927)	443859	80.0000	81.61
111	Azobenzene (1,2-DP-Hydrazine)	77	13.597	13.570	(1.094)	1364776	80.0000	76.20
144	alpha-Terpineol	59	9.713	9.687	(1.012)	257028	80.0000	87.71
143	1,4-Dioxane	58	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
133	Butylatedhydroxytoluene	205	12.668	12.652	(1.019)	680894	80.0000	76.86
115	Tributyl Phosphate	99	13.768	13.709	(0.933)	1218536	80.0000	76.68
116	Dibutyl Phenyl Phosphate	175	15.408	15.381	(1.044)	671286	80.0000	82.38
117	Butyl Diphenyl Phosphate	94	17.043	17.027	(0.897)	271671	80.0000	73.89
118	Triphenyl Phosphate	326	18.619	18.592	(0.980)	186750	80.0000	79.55

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: 0800802.d
Lab Smp Id: ABN 80
Analysis Type: SV
Quant Type: ISTD
Operator: VS
Method File: /chem3/nt4.i/20050802.b/SW846.m
Misc Info:

Calibration Date: 02-AUG-2005
Calibration Time: 17:35

Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	124009	62004	248018	101822	-17.89
27 Naphthalene-d8	439086	219543	878172	363330	-17.25
42 Acenaphthene-d10	234157	117078	468314	193542	-17.35
59 Phenanthrene-d10	344042	172021	688084	288291	-16.20
69 Chrysene-d12	264444	132222	528888	223560	-15.46
134 Di-n-octylphthala	474443	237222	948886	405594	-14.51
77 Perylene-d12	280601	140300	561202	250953	-10.57

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.43	6.93	7.93	7.44	0.11
27 Naphthalene-d8	9.58	9.08	10.08	9.60	0.14
42 Acenaphthene-d10	12.42	11.92	12.92	12.43	0.07
59 Phenanthrene-d10	14.74	14.24	15.24	14.76	0.09
69 Chrysene-d12	18.98	18.48	19.48	19.00	0.10
134 Di-n-octylphthala	20.22	19.72	20.72	20.24	0.10
77 Perylene-d12	21.10	20.60	21.60	21.12	0.09

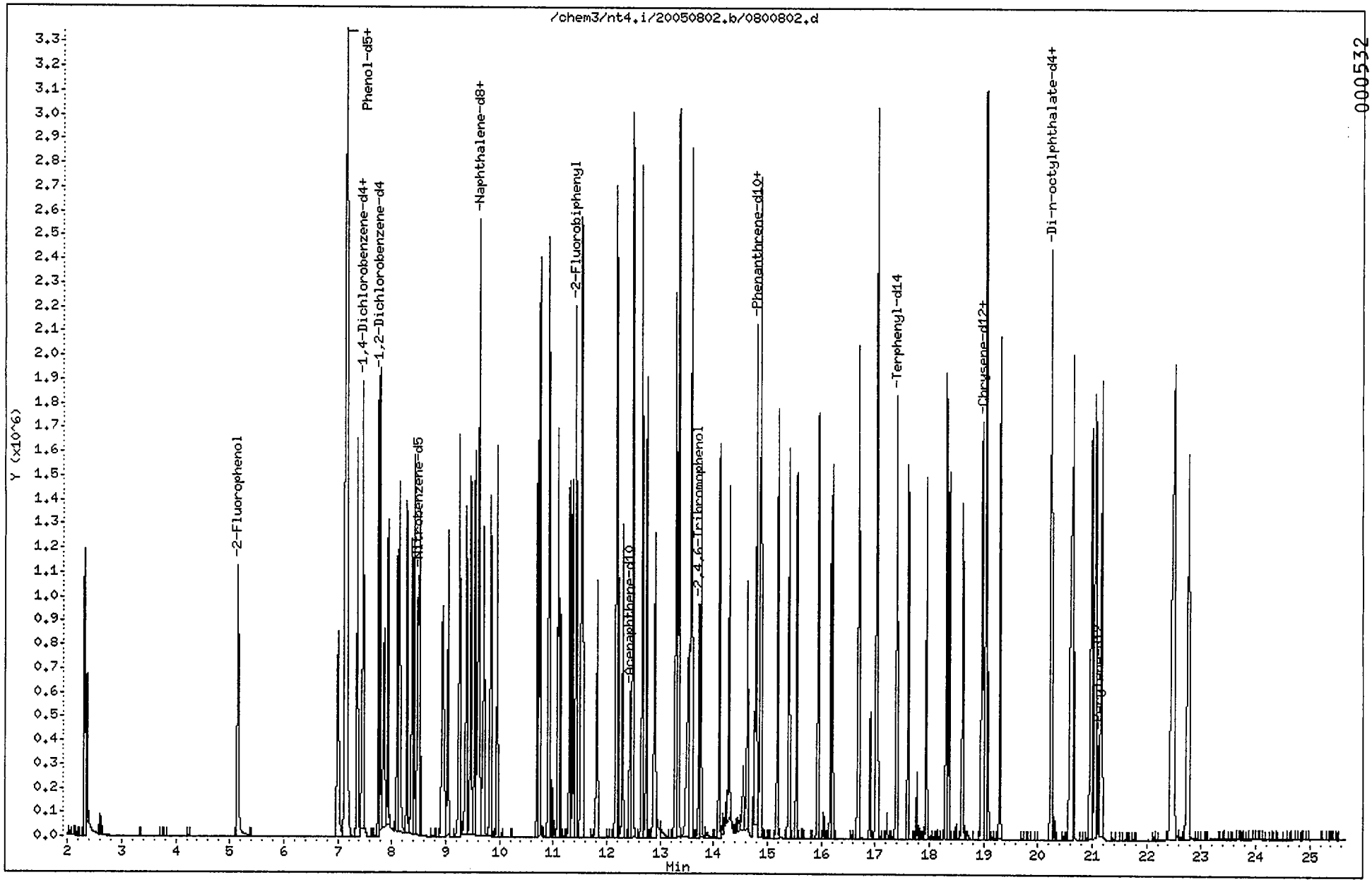
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20050802.b/0800802.d
Date : 02-AUG-2005 18:09
Client ID:
Sample Info: ABN 80

Instrument: nt4.i

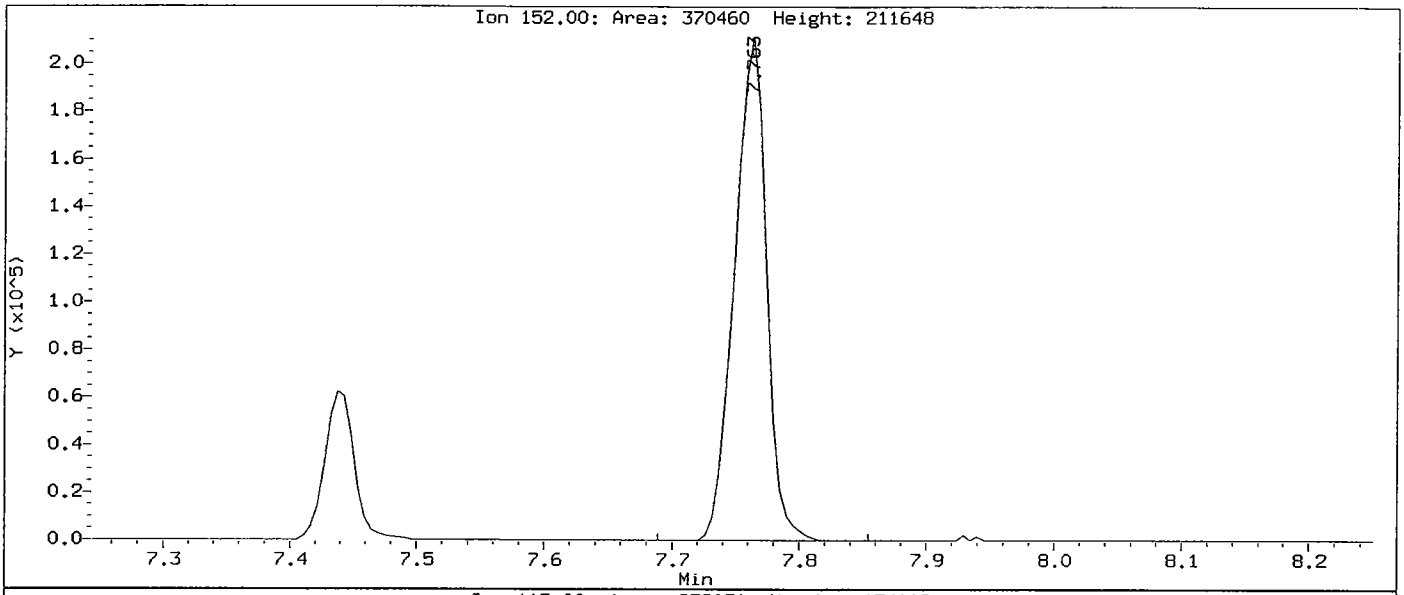
Operator: VS
Column diameter: 0.32

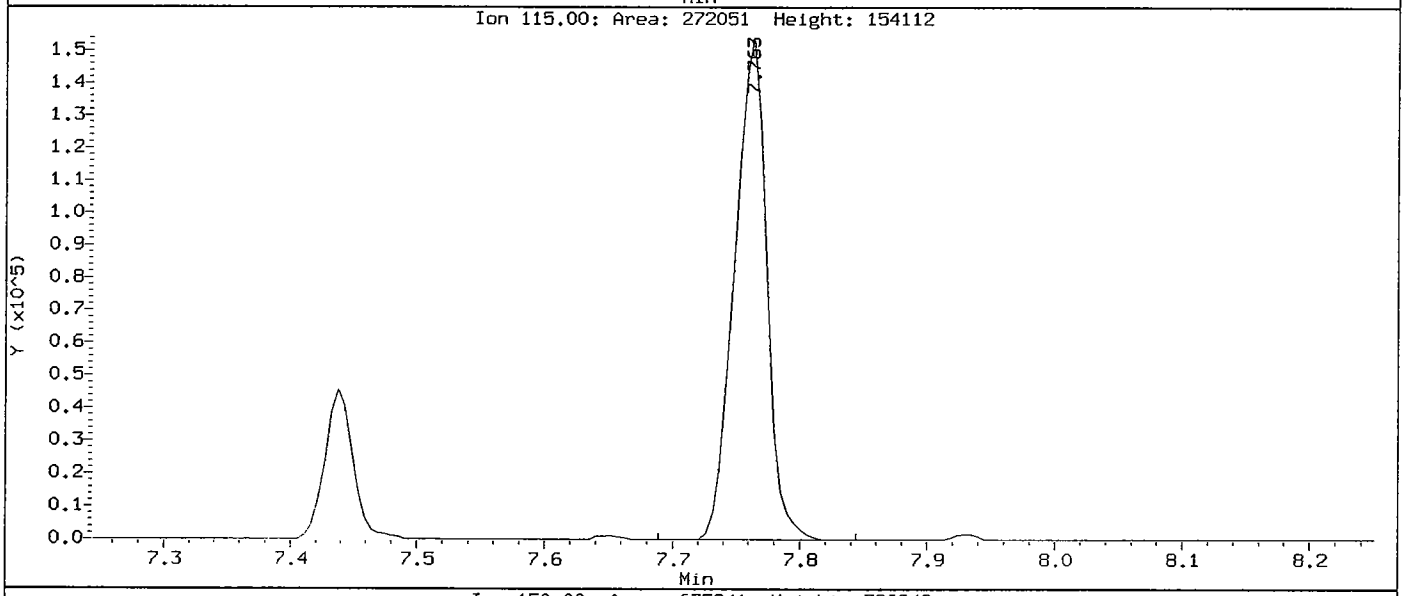
Column phase: RTX-5

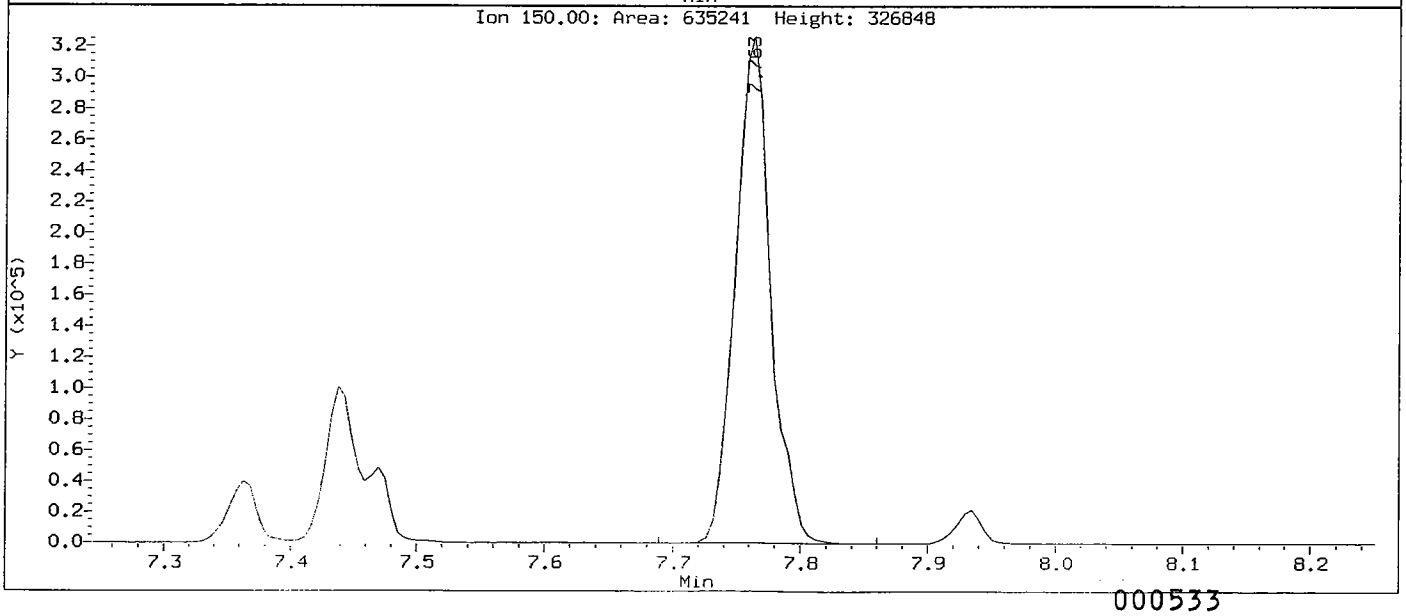


Data File: /chem3/nt4.i/20050802.b/0800802.d
Injection Date: 02-AUG-2005 18:09
Instrument: nt4.i
Client Sample ID:

Compound: 1,2-Dichlorobenzene-d4
CAS Number: 2199-69-1

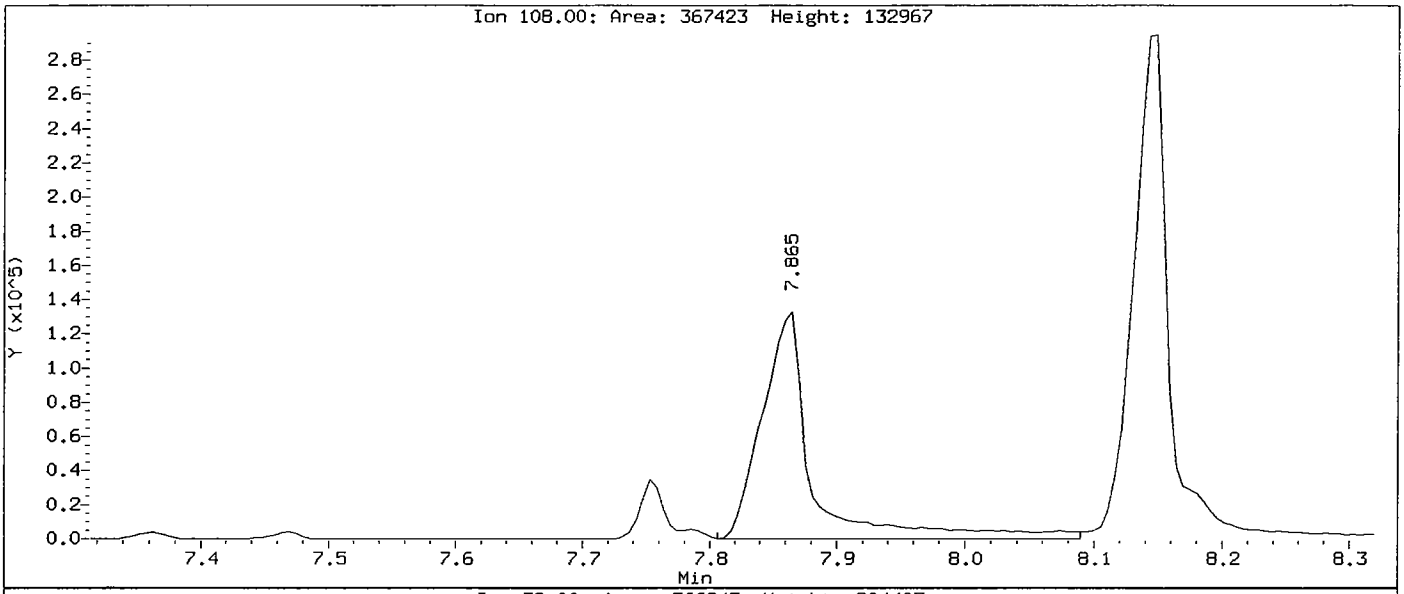


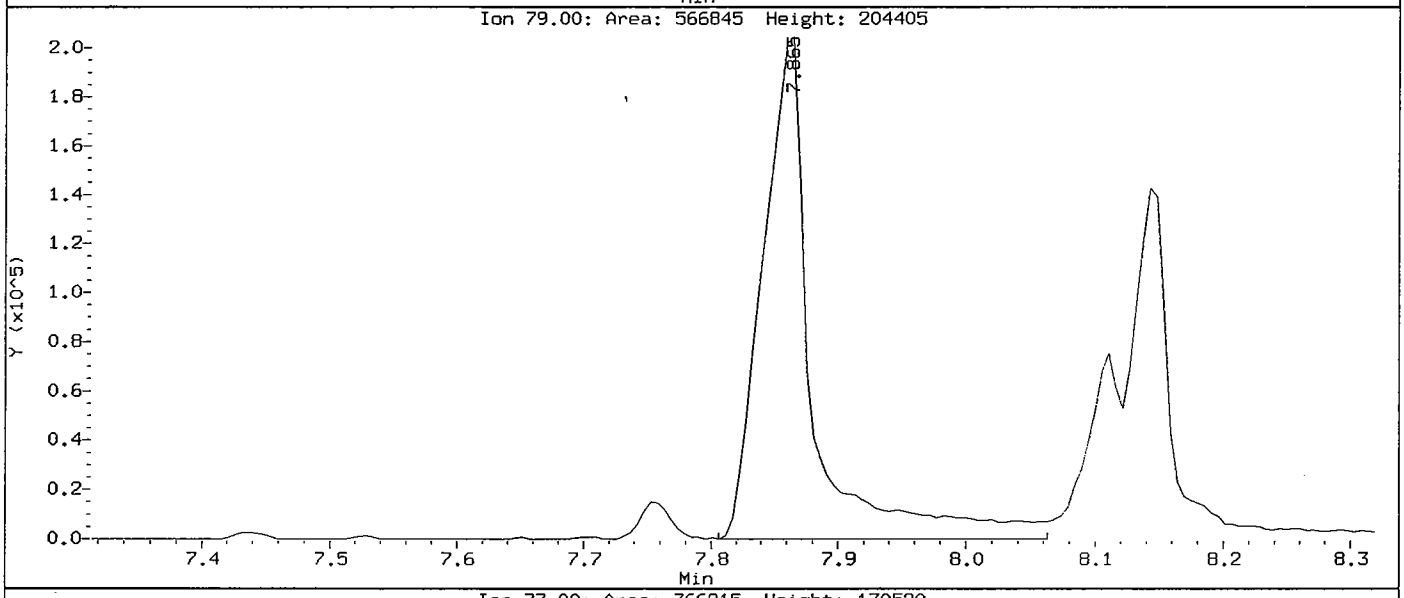


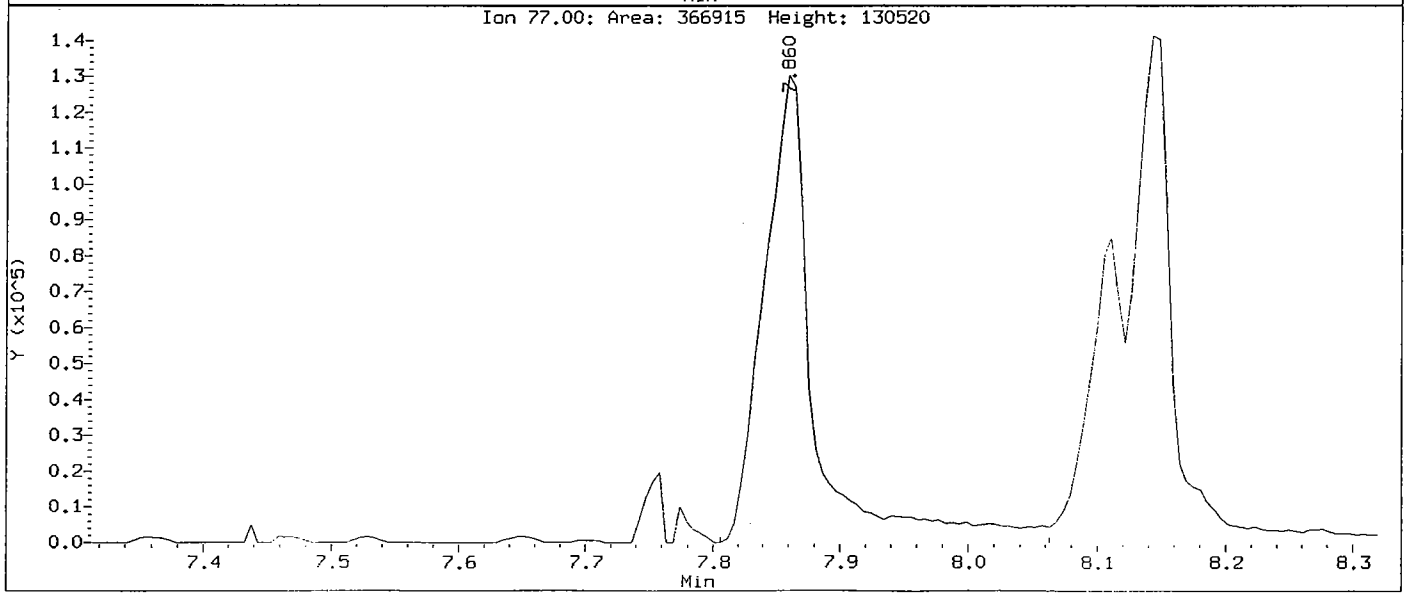


Data File: /chem3/nt4.i/20050802.b/0800802.d
Injection Date: 02-AUG-2005 18:09
Instrument: nt4.i
Client Sample ID:

Compound: Benzyl alcohol
CAS Number: 100-51-6

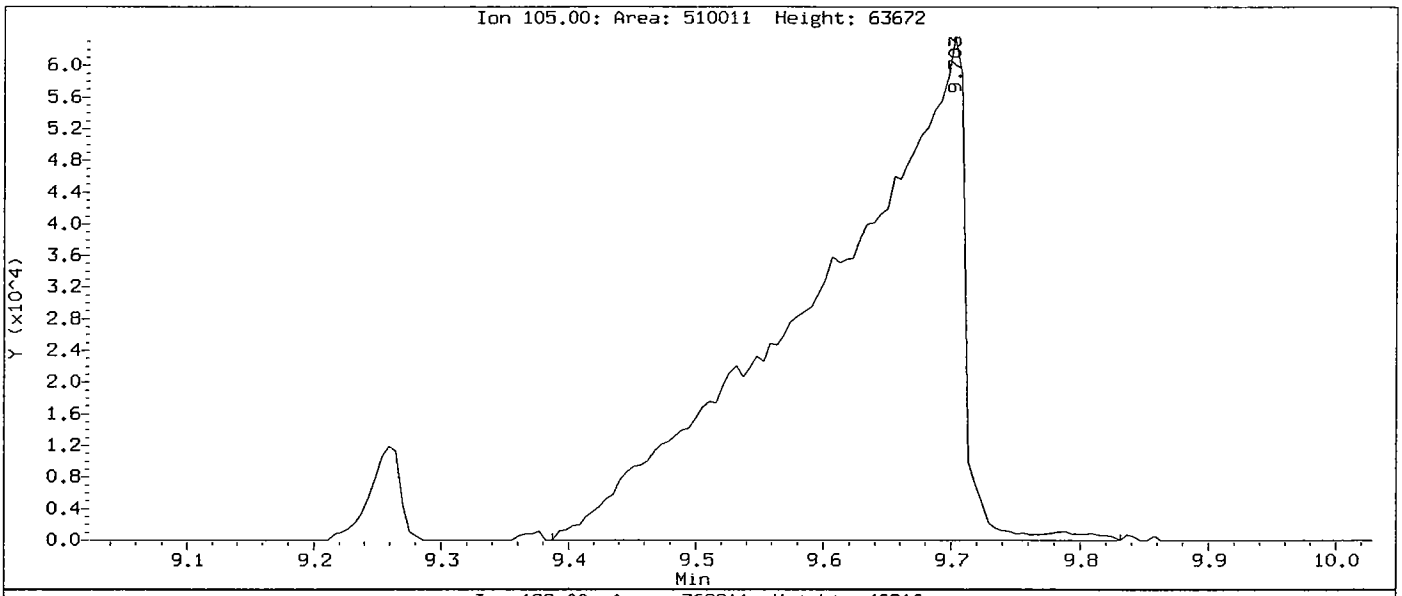


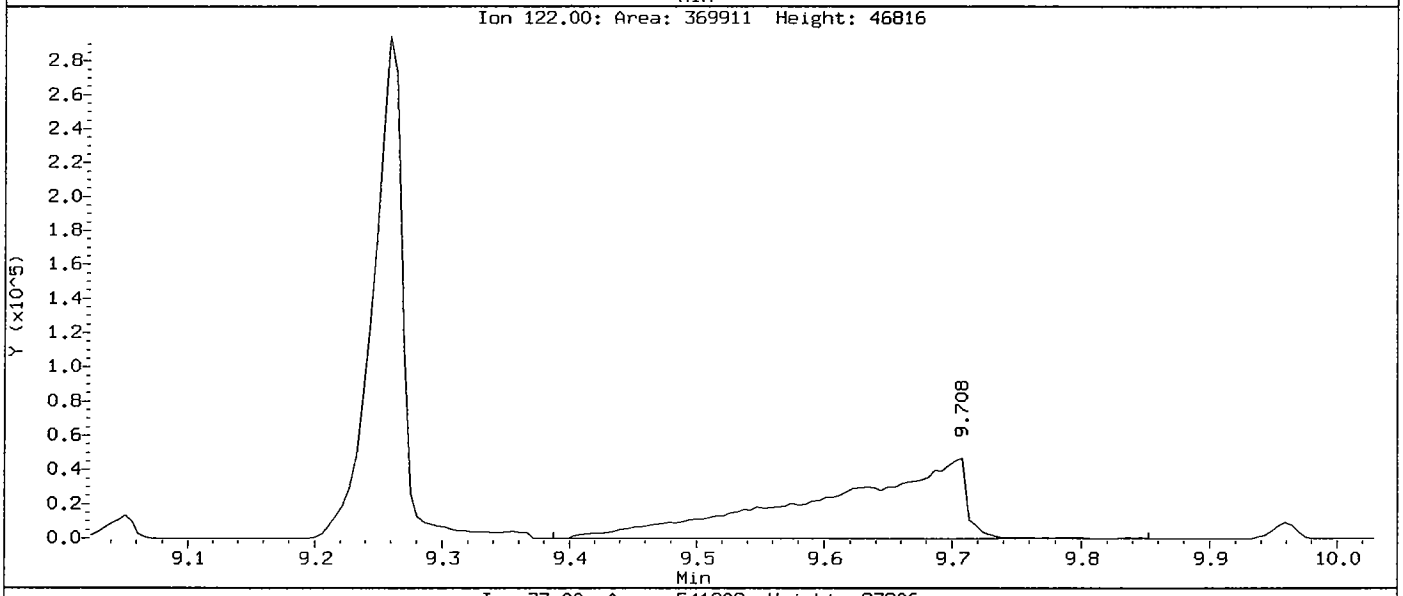


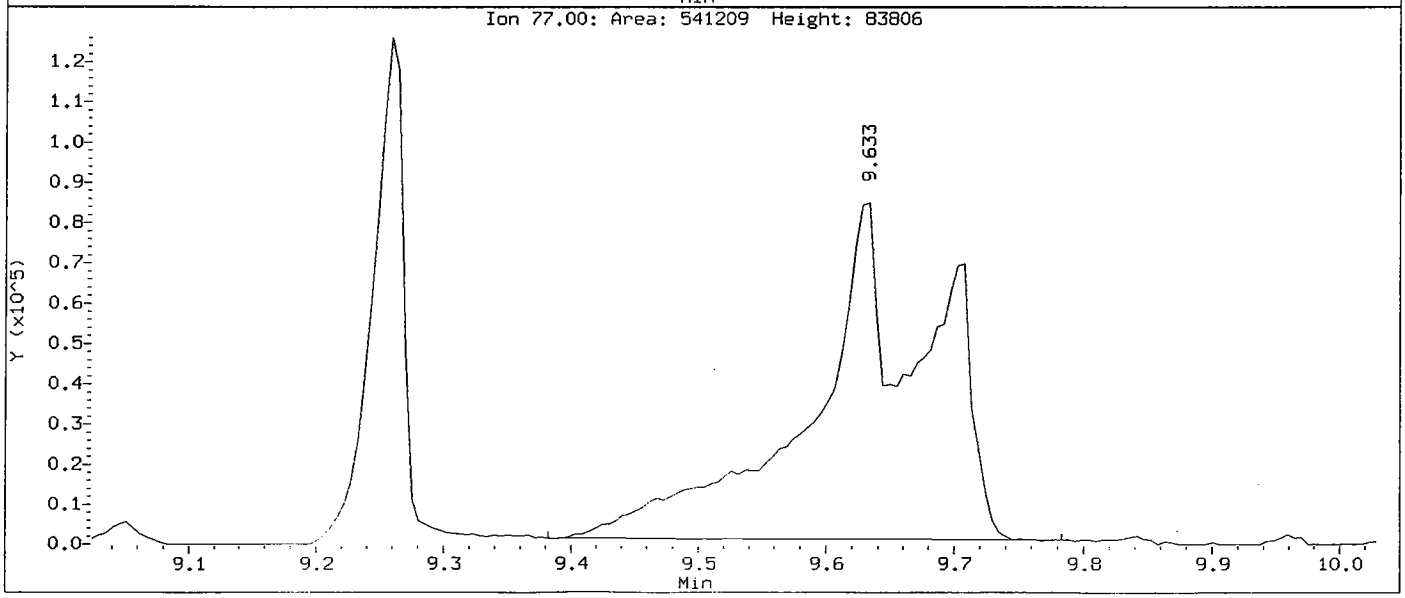


Data File: /chem3/nt4.i/20050802.b/0800802.d
Injection Date: 02-AUG-2005 18:09
Instrument: nt4.i
Client Sample ID:

Compound: Benzoic acid
CAS Number: 65-85-0

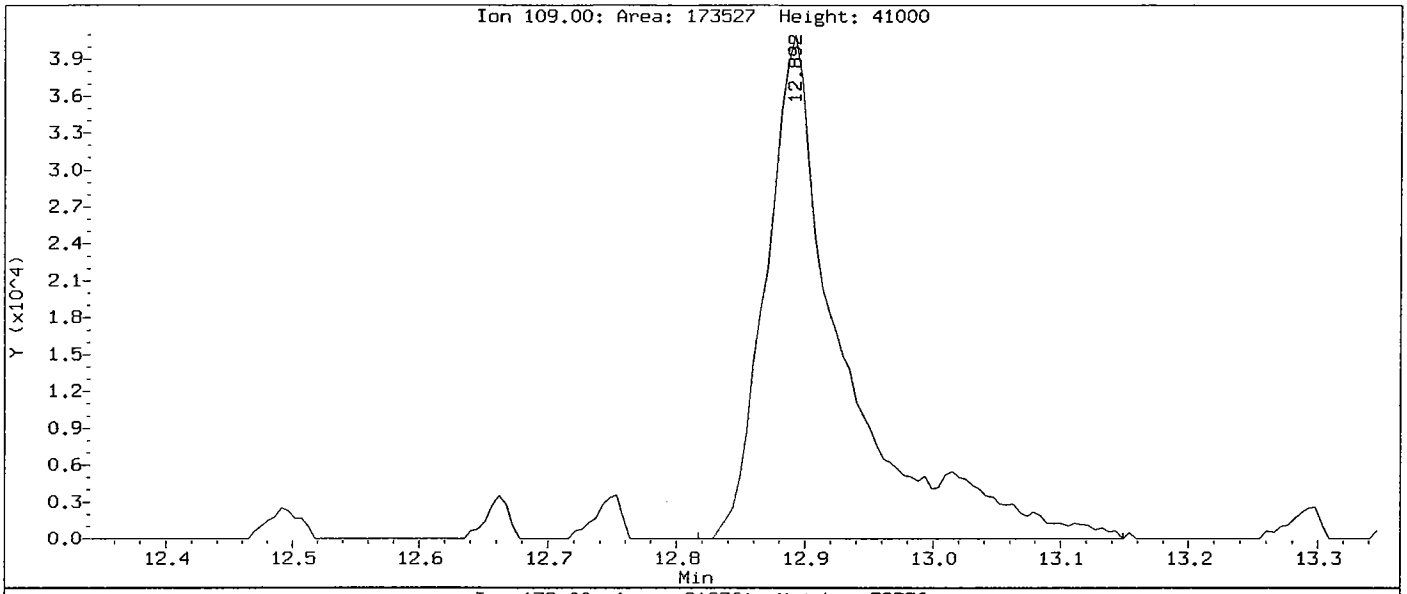


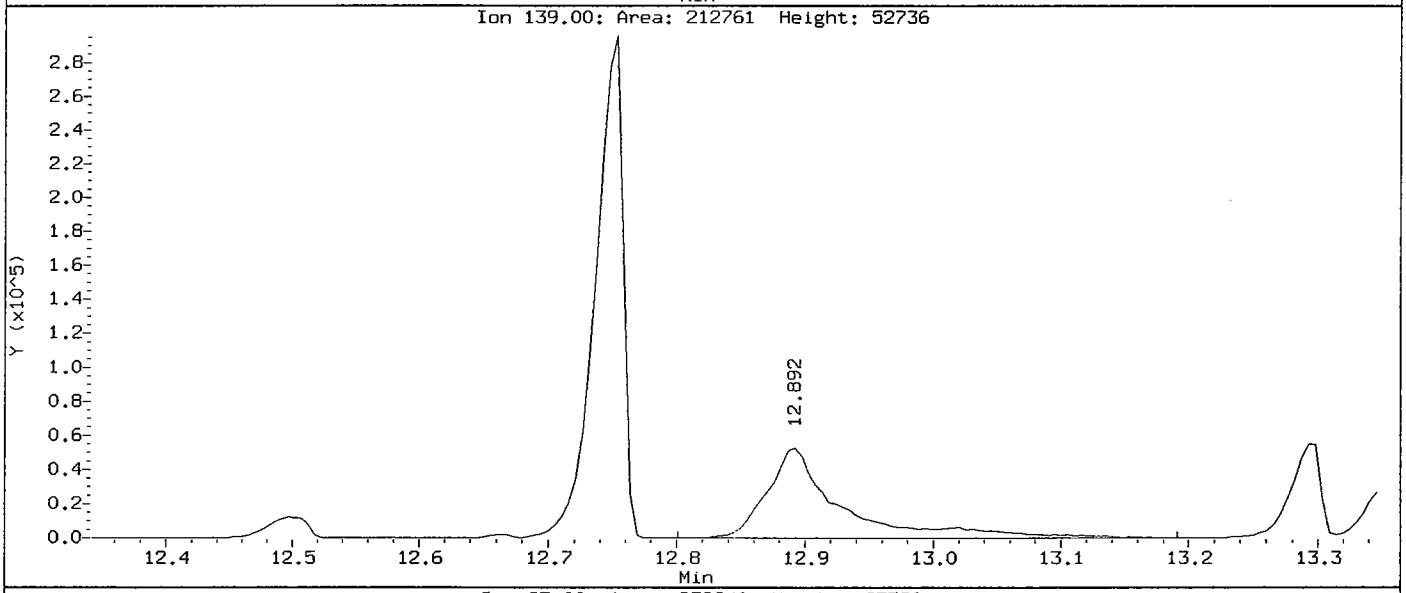


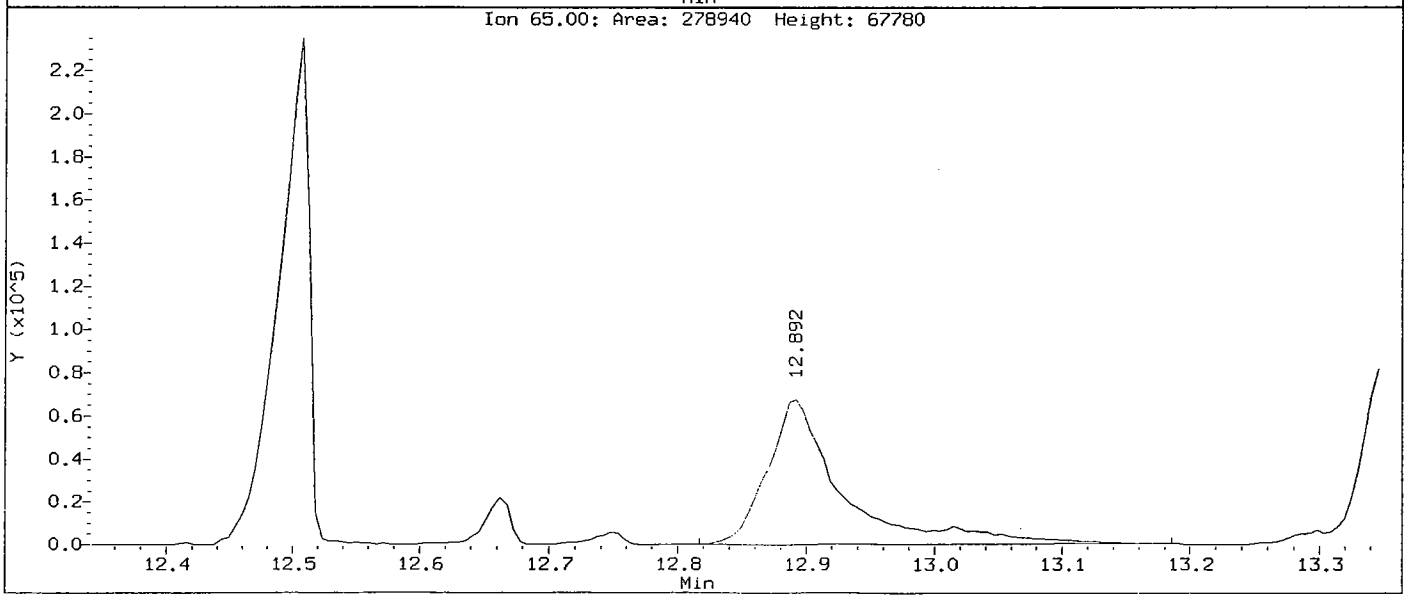


Data File: /chem3/nt4.i/20050802.b/0800802.d
Injection Date: 02-AUG-2005 18:09
Instrument: nt4.i
Client Sample ID:

Compound: 4-Nitrophenol
CAS Number: 100-02-7

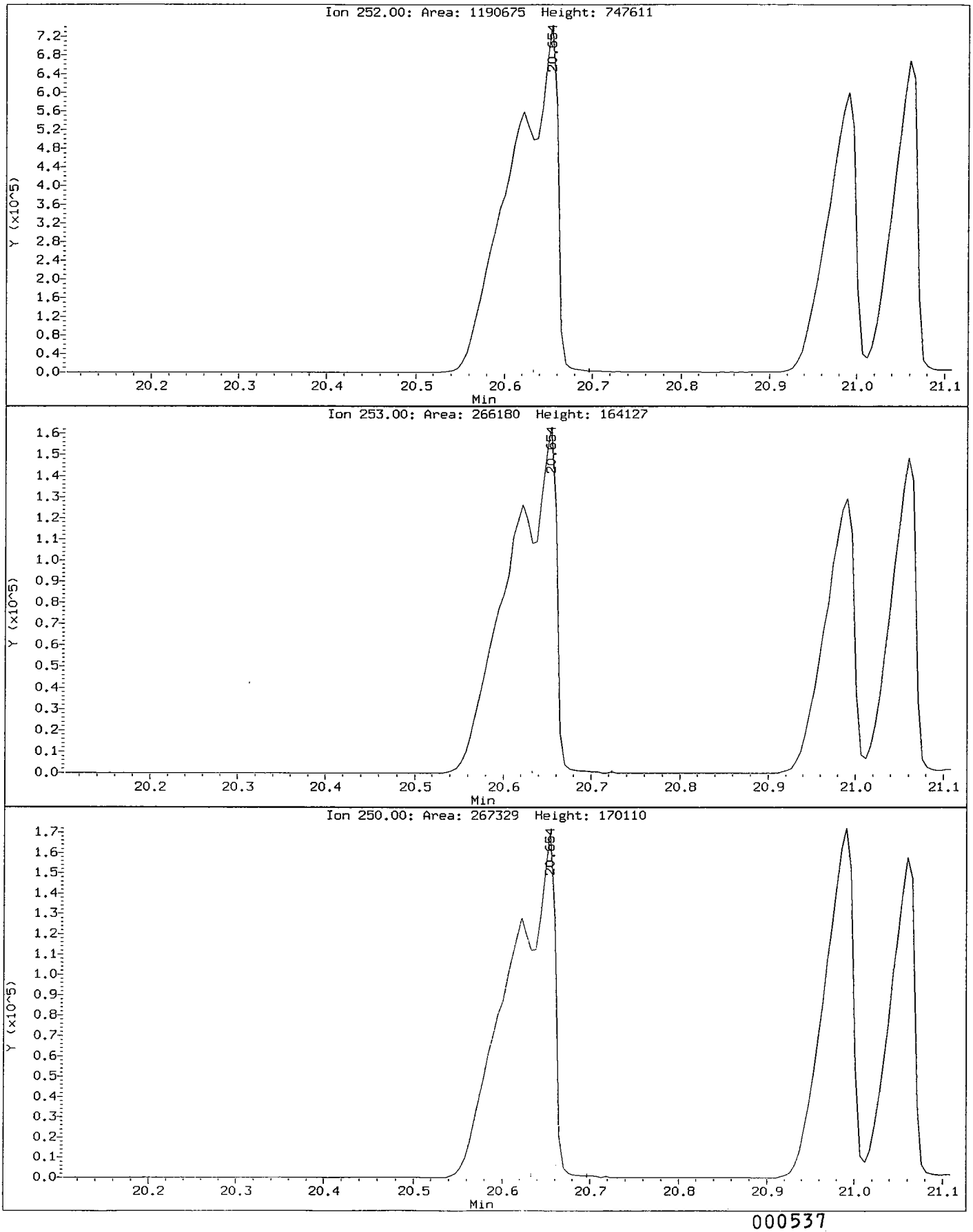






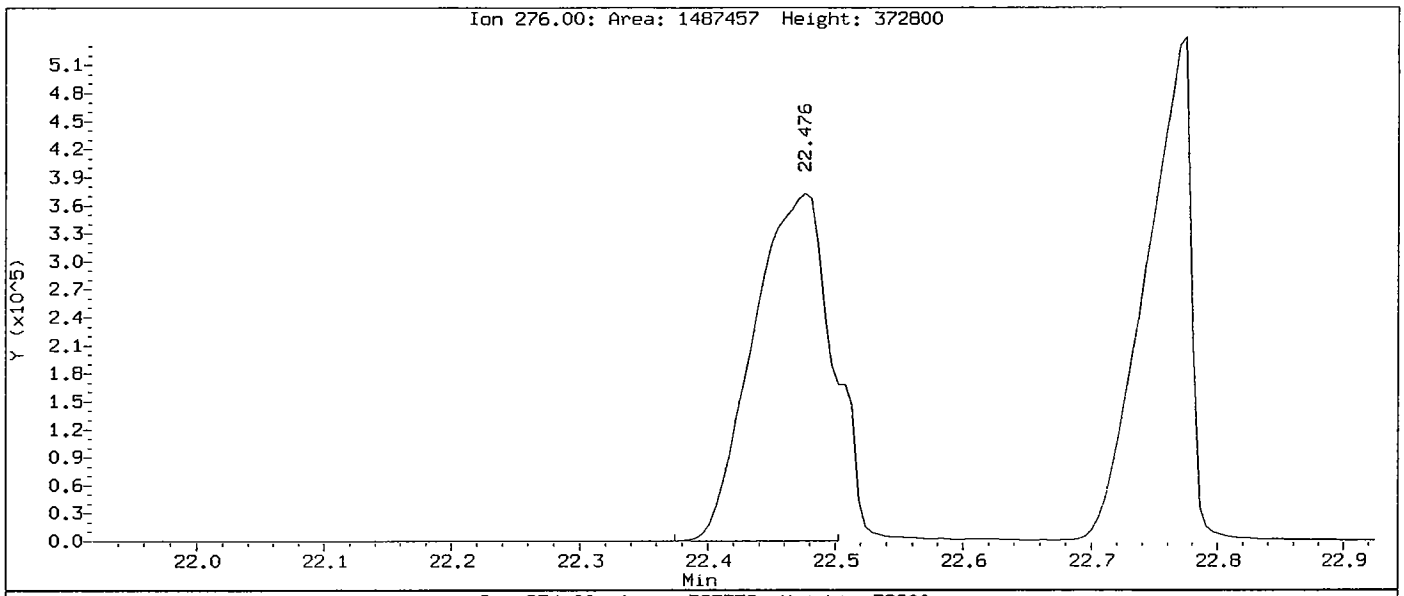
Data File: /chem3/nt4.i/20050802.b/0800802.d
Injection Date: 02-AUG-2005 18:09
Instrument: nt4.i
Client Sample ID:

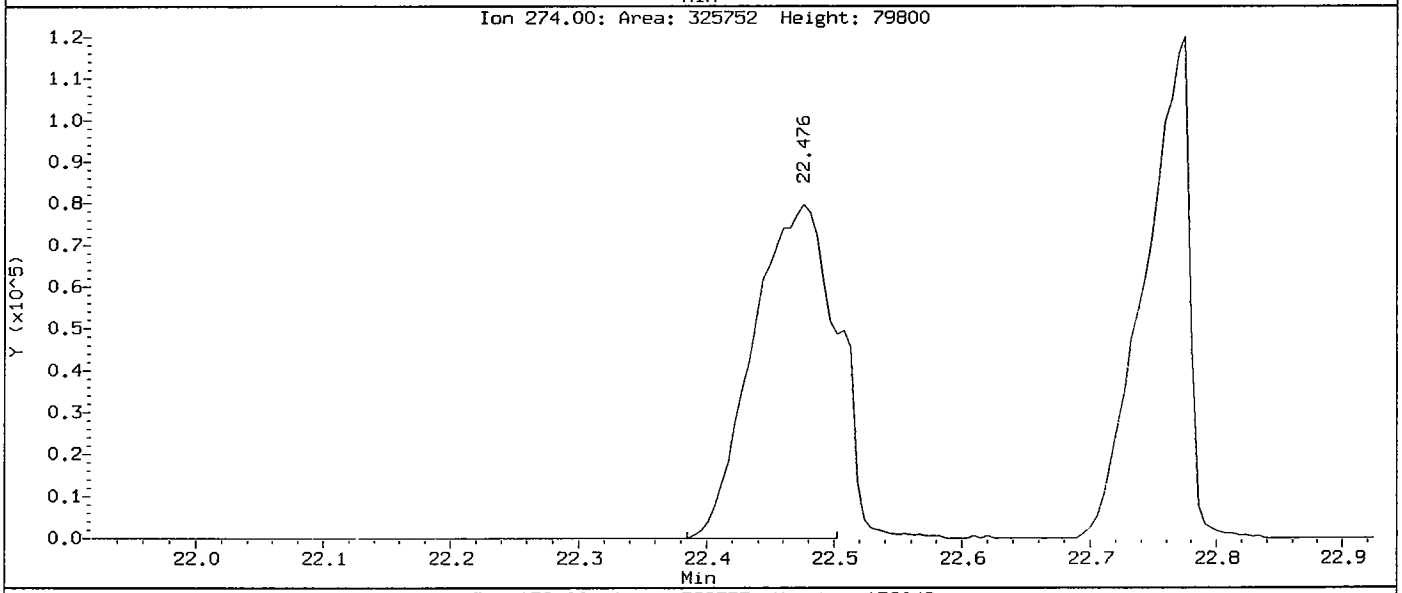
Compound: Benzo(k)fluoranthene
CAS Number: 207-08-9

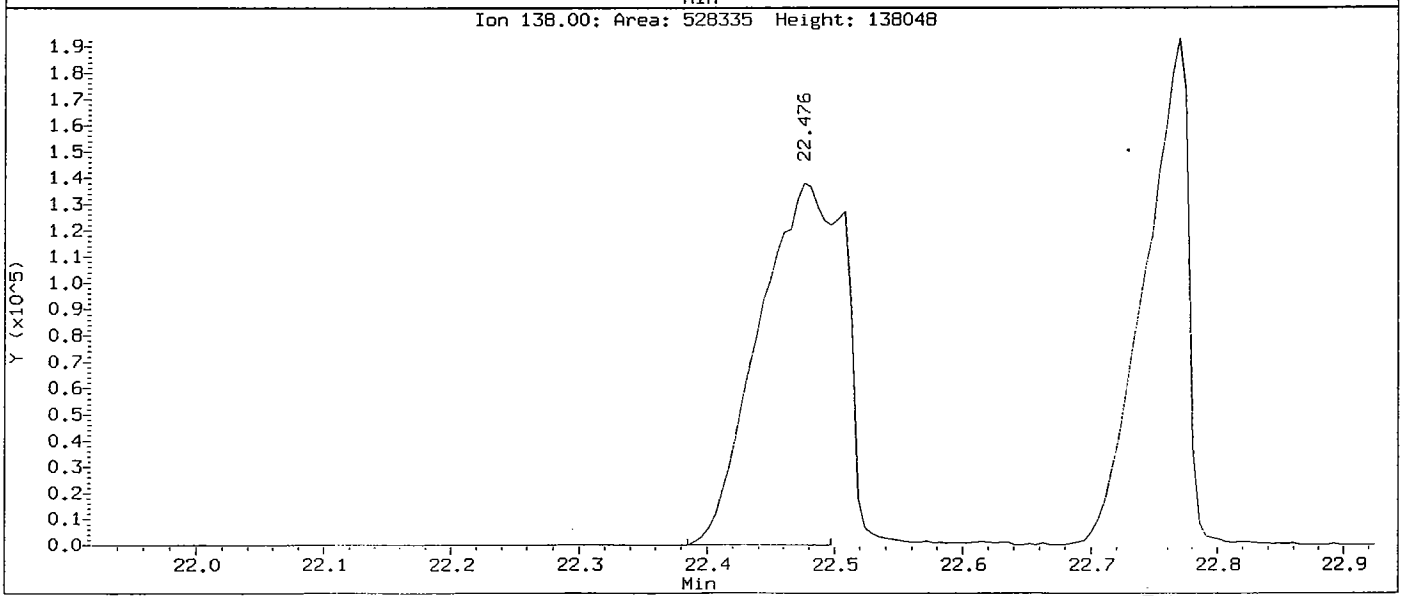


Data File: /chem3/nt4.i/20050802.b/0800802.d
Injection Date: 02-AUG-2005 18:09
Instrument: nt4.i
Client Sample ID:

Compound: Indeno(1,2,3-cd)pyrene
CAS Number: 193-39-5







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem3/nt4.i/20050802.b/icv0802.d
Lab Smp Id: ABN ICV
Inj Date : 02-AUG-2005 20:55
Operator : VS Inst ID: nt4.i
Smp Info : ABN ICV
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20050802.b/SW846.m
Meth Date : 03-Aug-2005 13:34 jeff Quant Type: ISTD
Cal Date : 02-AUG-2005 20:22 Cal File: 0100802.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)	CONCENTRATIONS FINAL (ug/mL)
	3 Phenol	94	7.129	7.117	(0.960)	288030	28.6536	28.65
	4 Bis(2-Chloroethyl)ether	93	7.145	7.144	(0.962)	211990	26.8417	26.84
	6 2-Chlorophenol	128	7.140	7.139	(0.961)	188413	28.7717	28.77
	7 1,3-Dichlorobenzene	146	7.348	7.347	(0.989)	192440	27.4446	27.44
*	8 1,4-Dichlorobenzene-d4	152	7.428	7.427	(1.000)	95129	20.0000	
	9 1,4-Dichlorobenzene	146	7.455	7.454	(1.004)	192652	26.5757	26.58
	11 Benzyl alcohol	108	7.824	7.817	(1.053)	104236	24.3440	24.34(M)
	12 1,2-Dichlorobenzene	146	7.770	7.769	(1.046)	182820	27.3781	27.38
	13 2-Methylphenol	108	8.123	8.116	(1.093)	170232	27.3726	27.37
	14 2,2'-oxybis(1-Chloropropane)	45	8.091	8.089	(1.089)	203606	27.2057	27.21
	15 4-Methylphenol	108	8.385	8.378	(1.129)	181713	28.2151	28.22
	16 N-Nitroso-di-n-propylamine	70	8.337	8.325	(1.122)	169830	27.0704	27.07
	17 Hexachloroethane	117	8.278	8.276	(1.114)	79878	27.8096	27.81
	19 Nitrobenzene	77	8.497	8.490	(0.887)	254646	26.3414	26.34
	20 Isophorone	82	8.908	8.896	(0.930)	440238	27.4361	27.44
	21 2-Nitrophenol	139	9.031	9.030	(0.943)	100491	28.2112	28.21
	22 2,4-Dimethylphenol	107	9.234	9.222	(0.964)	194034	27.2860	27.29
	23 Bis(2-Chloroethoxy)methane	93	9.362	9.356	(0.977)	236857	25.8093	25.81
	24 Benzoic acid	105	9.565	9.527	(0.998)	143610	26.4008	26.40(M)
	25 2,4-Dichlorophenol	162	9.442	9.436	(0.986)	136012	27.3910	27.39
	26 1,2,4-Trichlorobenzene	180	9.539	9.537	(0.996)	152009	26.6585	26.66
*	27 Naphthalene-d8	136	9.581	9.580	(1.000)	353148	20.0000	
	28 Naphthalene	128	9.613	9.607	(1.003)	507550	26.2454	26.25
	29 4-Chloroaniline	127	9.822	9.815	(1.025)	197975	25.0265	25.03
	30 Hexachlorobutadiene	225	9.955	9.949	(1.039)	78580	26.5062	26.51
	31 4-Chloro-3-methylphenol	107	10.687	10.686	(1.115)	171148	28.2401	28.24
	32 2-Methylnaphthalene	141	10.741	10.739	(1.121)	277996	26.1870	26.19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)
	33 Hexachlorocyclopentadiene	237	11.125	11.124	(0.896)	56301	27.2017	27.20
	34 2,4,6-Trichlorophenol	196	11.291	11.289	(0.909)	98715	28.1868	28.19
	35 2,4,5-Trichlorophenol	196	11.344	11.343	(0.913)	97565	27.4395	27.44
	37 2-Chloronaphthalene	162	11.510	11.503	(0.926)	292466	26.3730	26.37
	38 2-Nitroaniline	65	11.804	11.792	(0.950)	123380	26.0399	26.04
	39 Dimethylphthalate	163	12.188	12.182	(0.981)	317174	25.8217	25.82
	40 Acenaphthylene	152	12.172	12.166	(0.980)	466585	25.7217	25.72
	41 2,6-Dinitrotoluene	165	12.279	12.272	(0.988)	75407	26.8927	26.89
*	42 Acenaphthene-d10	164	12.423	12.422	(1.000)	192690	20.0000	
	43 3-Nitroaniline	138	12.477	12.470	(1.004)	84107	26.2655	26.27
	44 Acenaphthene	153	12.477	12.470	(1.004)	296062	25.4539	25.45
	45 2,4-Dinitrophenol	184	12.632	12.625	(1.017)	38091	28.9681	28.97
	46 Dibenzofuran	168	12.733	12.726	(1.025)	393474	26.5842	26.58
	47 4-Nitrophenol	109	12.851	12.844	(1.034)	56969	29.3741	29.37 (M)
	48 2,4-Dinitrotoluene	165	12.883	12.876	(1.037)	97903	27.6162	27.62
	49 Fluorene	166	13.278	13.271	(1.069)	316608	25.7548	25.75
	50 Diethylphthalate	149	13.326	13.319	(1.073)	321644	26.1796	26.18
	51 4-Chlorophenyl-phenylether	204	13.337	13.330	(1.074)	154533	26.1151	26.12
	52 4-Nitroaniline	138	13.465	13.448	(1.084)	76322	25.8446	25.84
	53 4,6-Dinitro-2-methylphenol	198	13.518	13.506	(0.917)	54386	26.4446	26.44
	54 N-Nitrosodiphenylamine	169	13.561	13.554	(0.920)	233613	35.9715	35.97 (R)
	56 4-Bromophenyl-phenylether	248	14.095	14.094	(0.956)	78166	25.8568	25.86
	57 Hexachlorobenzene	284	14.277	14.276	(0.968)	83895	26.7423	26.74
	58 Pentachlorophenol	266	14.603	14.596	(0.990)	50306	27.9031	27.90
*	59 Phenanthrene-d10	188	14.747	14.740	(1.000)	291588	20.0000	
	60 Phenanthrene	178	14.779	14.778	(1.002)	452501	25.5196	25.52
	61 Anthracene	178	14.849	14.842	(1.007)	449203	25.5141	25.51
	62 Carbazole	167	15.174	15.168	(1.029)	374859	26.7374	26.74
	63 Di-n-butylphthalate	149	15.933	15.926	(1.080)	507470	26.9167	26.92
	64 Fluoranthene	202	16.676	16.669	(1.131)	431514	25.7612	25.76
	65 Pyrene	202	17.018	17.011	(0.896)	457515	25.9390	25.94
	67 Butylbenzylphthalate	149	18.300	18.298	(0.964)	212029	26.0839	26.08
	68 Benzo(a)anthracene	228	18.957	18.950	(0.999)	403142	25.9505	25.95
*	69 Chrysene-d12	240	18.983	18.977	(1.000)	225734	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.026	19.025	(1.002)	123993	24.1495	24.15
	71 Chrysene	228	19.021	19.014	(1.002)	378637	24.7970	24.80
	72 bis(2-Ethylhexyl)phthalate	149	19.299	19.297	(0.954)	291952	26.1262	26.13
*	134 Di-n-octylphthalate-d4	153	20.223	20.221	(1.000)	405821	20.0000	
	73 Di-n-octylphthalate	149	20.233	20.232	(1.001)	523196	24.7592	24.76
	74 Benzo(b)fluoranthene	252	20.581	20.574	(0.975)	390376	24.4165	24.42
	75 Benzo(k)fluoranthene	252	20.618	20.606	(0.977)	418521	27.3423	27.34
	76 Benzo(a)pyrene	252	21.019	21.007	(0.996)	365733	25.4849	25.48
*	77 Perylene-d12	264	21.099	21.098	(1.000)	231580	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	22.434	22.422	(1.063)	398530	26.7513	26.75
	79 Dibenzo(a,h)anthracene	278	22.472	22.454	(1.065)	391605	28.0194	28.02
	80 Benzo(g,h,i)perylene	276	22.728	22.711	(1.077)	408656	26.8120	26.81
	103 Pyridine	79	2.311	2.320	(0.311)	165658	23.4495	23.45

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)
90 N-Nitrosodimethylamine	74	2.343	2.336	(0.315)	123408	27.3770	27.38
91 Aniline	93	6.980	6.973	(0.940)	264649	23.5570	23.56
105 1-methylnaphthalene	141	10.911	10.905	(1.139)	265576	24.6683	24.67
111 Azobenzene (1,2-DP-Hydrazine)	77	13.577	13.570	(1.093)	510935	28.3840	28.38
93 Benzidine	184	16.996	16.989	(0.895)	26592	6.93653	6.937 (R)

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: icv0802.d
Lab Smp Id: ABN ICV
Analysis Type: SV
Quant Type: ISTD
Operator: VS
Method File: /chem3/nt4.i/20050802.b/SW846.m
Misc Info:

Calibration Date: 02-AUG-2005
Calibration Time: 17:35

Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	124009	62004	248018	95129	-23.29
27 Naphthalene-d8	439086	219543	878172	353148	-19.57
42 Acenaphthene-d10	234157	117078	468314	192690	-17.71
59 Phenanthrene-d10	344042	172021	688084	291588	-15.25
69 Chrysene-d12	264444	132222	528888	225734	-14.64
134 Di-n-octylphthala	474443	237222	948886	405821	-14.46
77 Perylene-d12	280601	140300	561202	231580	-17.47

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.43	6.93	7.93	7.43	-0.01
27 Naphthalene-d8	9.58	9.08	10.08	9.58	-0.01
42 Acenaphthene-d10	12.42	11.92	12.92	12.42	-0.01
59 Phenanthrene-d10	14.74	14.24	15.24	14.75	0.03
69 Chrysene-d12	18.98	18.48	19.48	18.98	0.02
134 Di-n-octylphthala	20.22	19.72	20.72	20.22	0.02
77 Perylene-d12	21.10	20.60	21.60	21.10	0.00

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

Analytical Resources, Inc.

RECOVERY REPORT

Client Name:
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/20050802.b/SW846.m
Misc Info:

Client SDG: 20050802
Fraction: SV

Operator: VS
SampleType: LCS
Quant Type: ISTD

SPIKE COMPOUND	AMOUNT ADDED ug/mL	AMOUNT RECOVERED ug/mL	% RECOVERED	LIMITS
3 Phenol	25.00	28.65	114.61	
4 Bis(2-Chloroethyl)	25.00	26.84	107.37	
6 2-Chlorophenol	25.00	28.77	115.09	
7 1,3-Dichlorobenzen	25.00	27.44	109.78	
9 1,4-Dichlorobenzen	25.00	26.58	106.30	
11 Benzyl alcohol	25.00	24.34	97.38	
12 1,2-Dichlorobenzen	25.00	27.38	109.51	
13 2-Methylphenol	25.00	27.37	109.49	
14 2,2'-oxybis(1-Chlo	25.00	27.21	108.82	
15 4-Methylphenol	25.00	28.22	112.86	
16 N-Nitroso-di-n-pro	25.00	27.07	108.28	
19 Nitrobenzene	25.00	26.34	105.37	
20 Isophorone	25.00	27.44	109.74	
21 2-Nitrophenol	25.00	28.21	112.84	
22 2,4-Dimethylphenol	25.00	27.29	109.14	OK
23 Bis(2-Chloroethoxy	25.00	25.81	103.24	
24 Benzoic acid	25.00	26.40	105.60	
25 2,4-Dichlorophenol	25.00	27.39	109.56	
26 1,2,4-Trichloroben	25.00	26.66	106.63	
28 Naphthalene	25.00	26.25	104.98	
29 4-Chloroaniline	25.00	25.03	100.11	
30 Hexachlorobutadien	25.00	26.51	106.02	
31 4-Chloro-3-methylp	25.00	28.24	112.96	
32 2-Methylnaphthalen	25.00	26.19	104.75	
33 Hexachlorocyclopen	25.00	27.20	108.81	
34 2,4,6-Trichlorophe	25.00	28.19	112.75	
35 2,4,5-Trichlorophe	25.00	27.44	109.76	
37 2-Chloronaphthalen	25.00	26.37	105.49	
39 Dimethylphthalate	25.00	25.82	103.29	
40 Acenaphthylene	25.00	25.72	102.89	
43 3-Nitroaniline	25.00	26.27	105.06	
44 Acenaphthene	25.00	25.45	101.82	
46 Dibenzofuran	25.00	26.58	106.34	

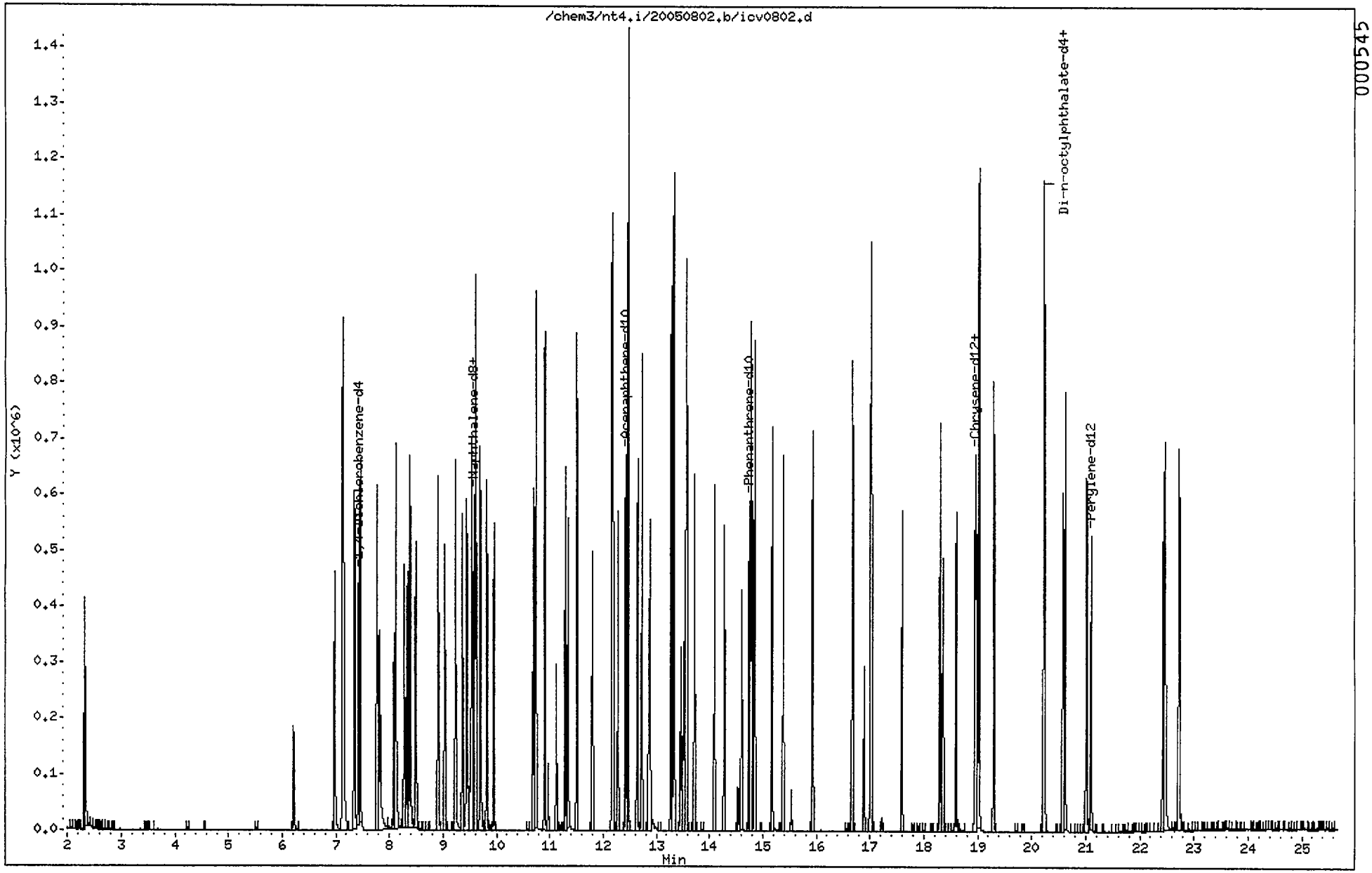
SPIKE	COMPOUND	AMOUNT ADDED ug/mL	AMOUNT RECOVERED ug/mL	% RECOVERED	LIMITS
48	2,4-Dinitrotoluene	25.00	27.62	110.46	
49	Fluorene	25.00	25.75	103.02	
50	Diethylphthalate	25.00	26.18	104.72	
51	4-Chlorophenyl-phe	25.00	26.12	104.46	
52	4-Nitroaniline	25.00	25.84	103.38	
53	4,6-Dinitro-2-meth	25.00	26.44	105.78	
54	N-Nitrosodiphenyla	25.00	35.97	143.89*	
56	4-Bromophenyl-phen	25.00	25.86	103.43	
57	Hexachlorobenzene	25.00	26.74	106.97	
58	Pentachlorophenol	25.00	27.90	111.61	
60	Phenanthrene	25.00	25.52	102.08	
61	Anthracene	25.00	25.51	102.06	
62	Carbazole	25.00	26.74	106.95	
63	Di-n-butylphthalat	25.00	26.92	107.67	
64	Fluoranthene	25.00	25.76	103.04	
65	Pyrene	25.00	25.94	103.76	
67	Butylbenzylphthala	25.00	26.08	104.34	
68	Benzo(a)anthracene	25.00	25.95	103.80	OK
70	3,3'-Dichlorobenzi	25.00	24.15	96.60	
71	Chrysene	25.00	24.80	99.19	
72	bis(2-Ethylhexyl)p	25.00	26.13	104.50	
73	Di-n-octylphthalat	25.00	24.76	99.04	
74	Benzo(b)fluoranthe	25.00	24.42	97.67	
75	Benzo(k)fluoranthe	25.00	27.34	109.37	
76	Benzo(a)pyrene	25.00	25.48	101.94	
78	Indeno(1,2,3-cd)py	25.00	26.75	107.01	
79	Dibenzo(a,h)anthra	25.00	28.02	112.08	
80	Benzo(g,h,i)peryle	25.00	26.81	107.25	
103	Pyridine	25.00	23.45	93.80	
90	N-Nitrosodimethyla	25.00	27.38	109.51	
91	Aniline	25.00	23.56	94.23	
105	1-methylnaphthalen	25.00	24.67	98.67	
111	Azobenzene (1,2-DP	25.00	28.38	113.54	
93	Benzidine	25.00	6.937	27.76*	

Data File: /chem3/nt4.i/20050802.b/icv0802.d
Date : 02-AUG-2005 20:55
Client ID:
Sample Info: ABN ICV

Instrument: nt4.i

Operator: VS
Column diameter: 0.32

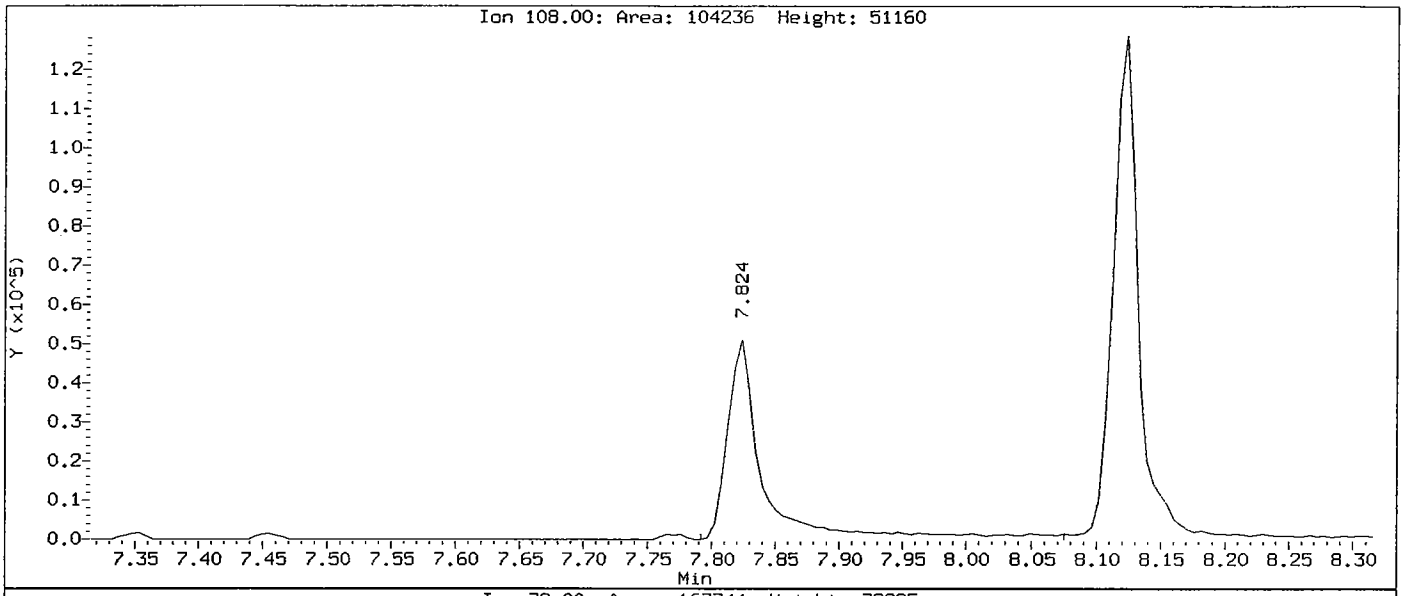
Column phase: RTX-5

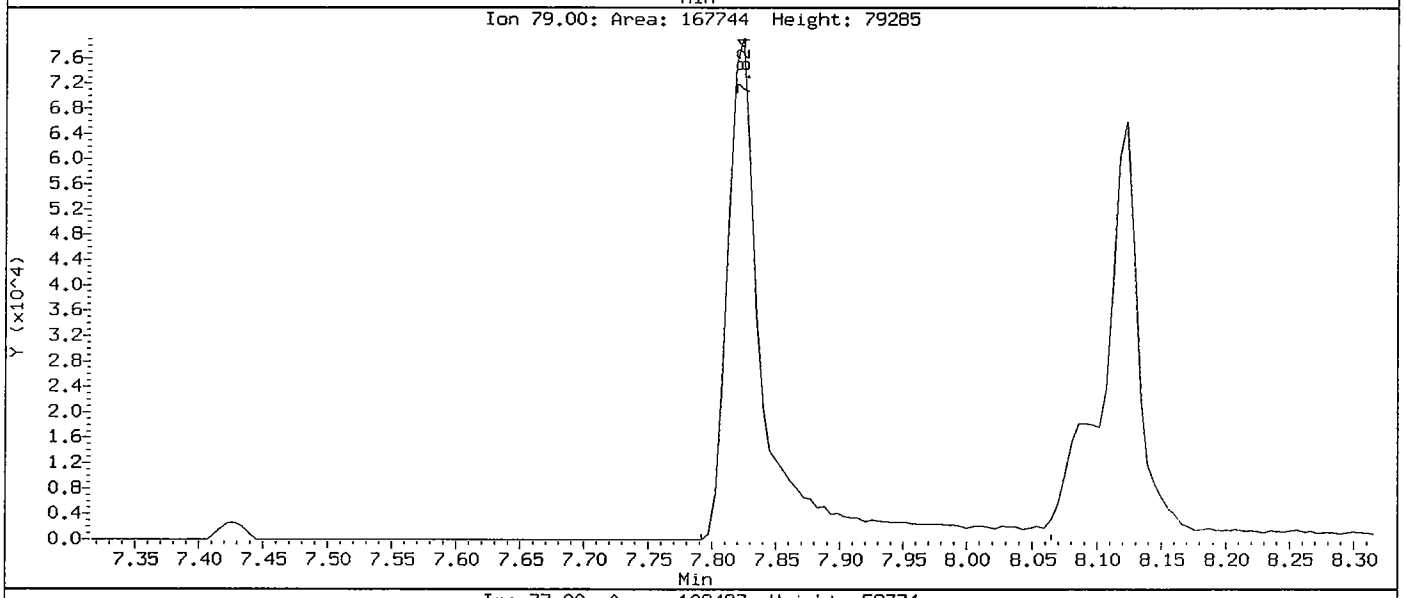


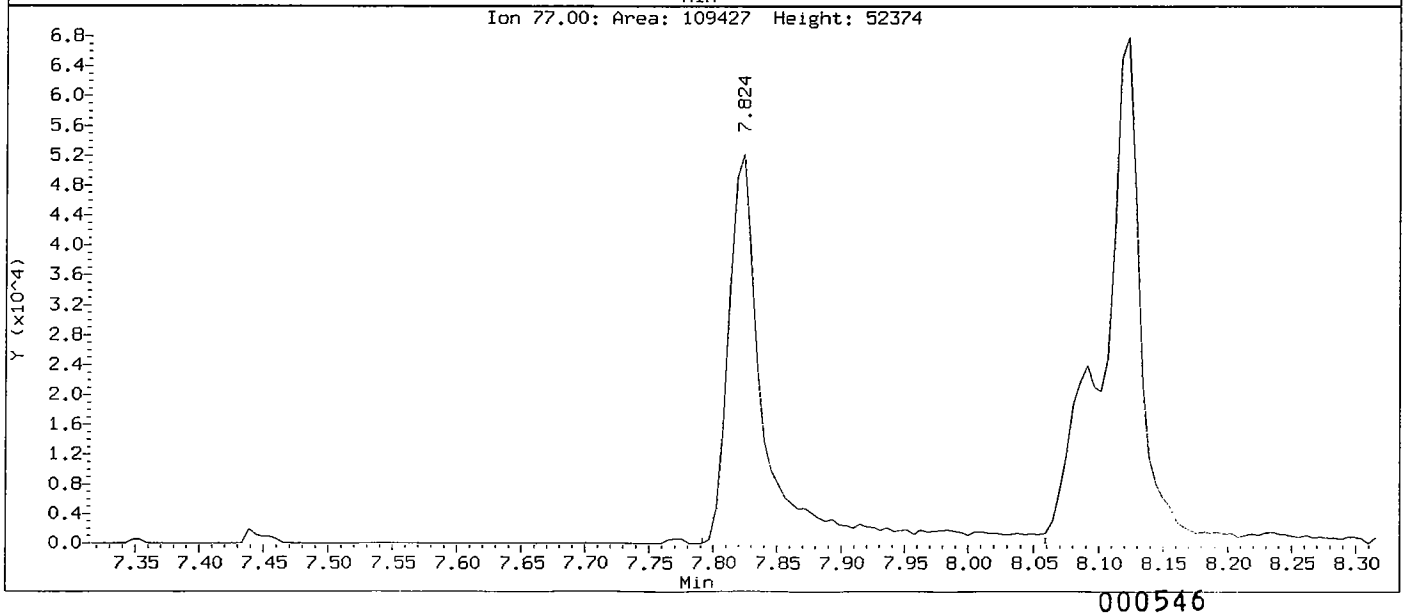
000545

Data File: /chem3/nt4.i/20050802.b/icv0802.d
Injection Date: 02-AUG-2005 20:55
Instrument: nt4.i
Client Sample ID:

Compound: Benzyl alcohol
CAS Number: 100-51-6







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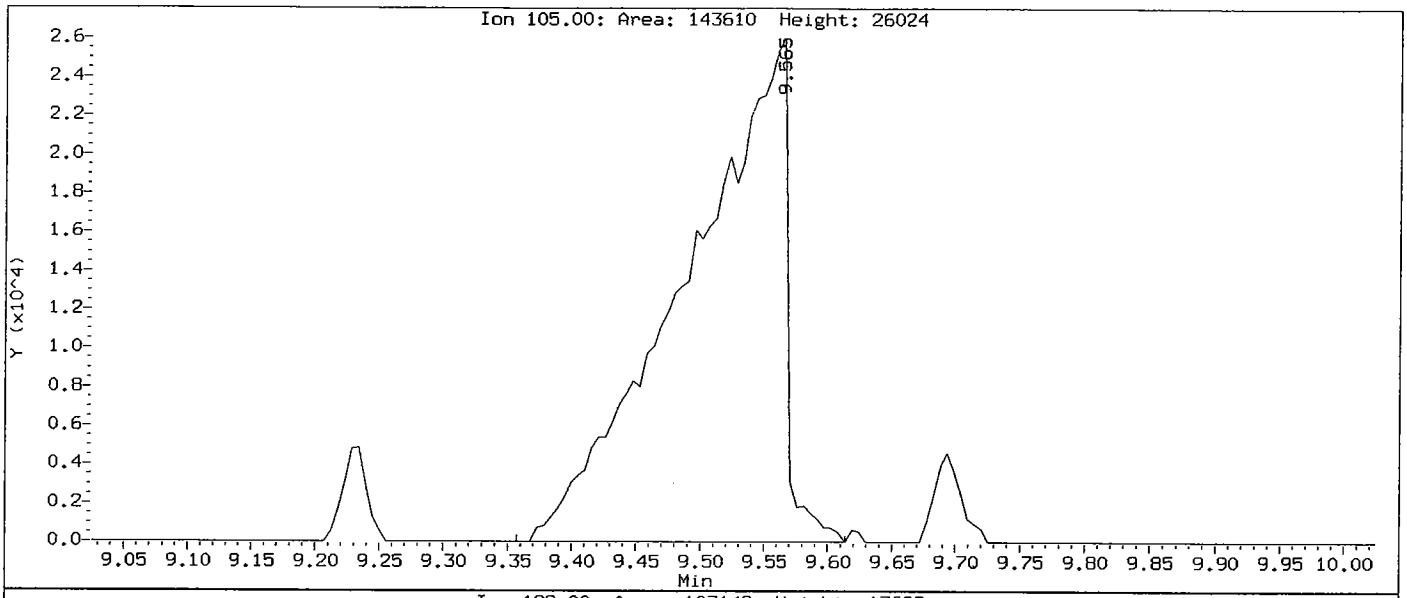
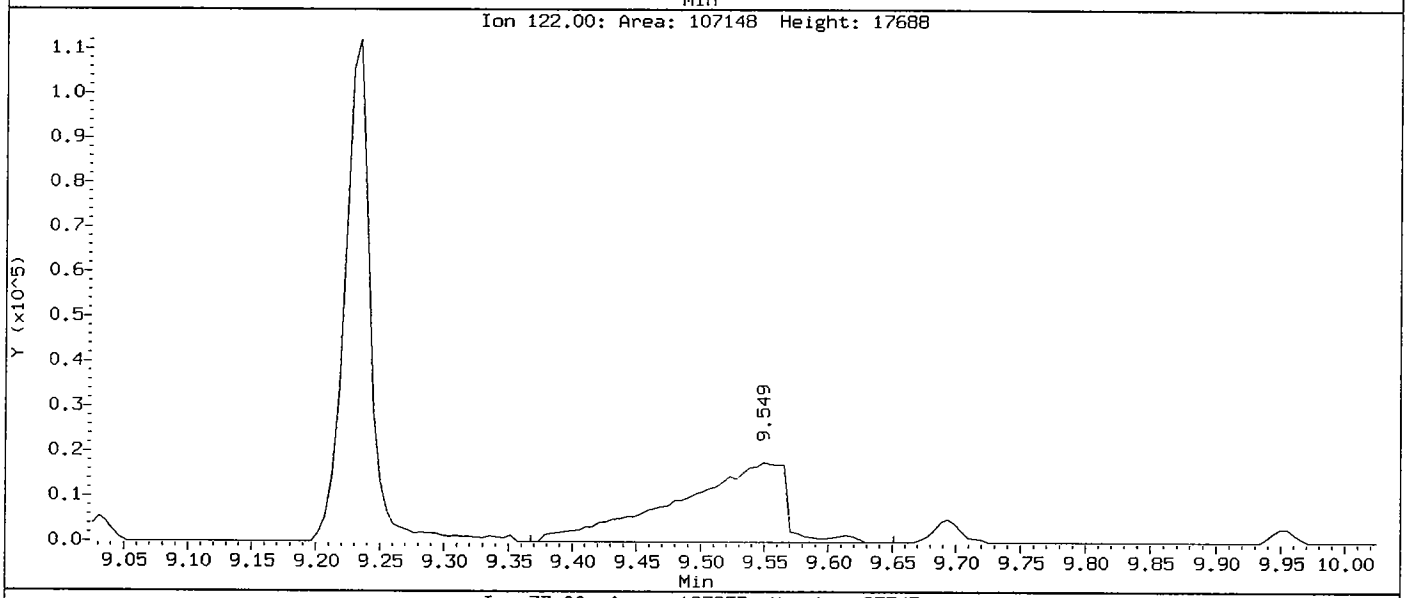
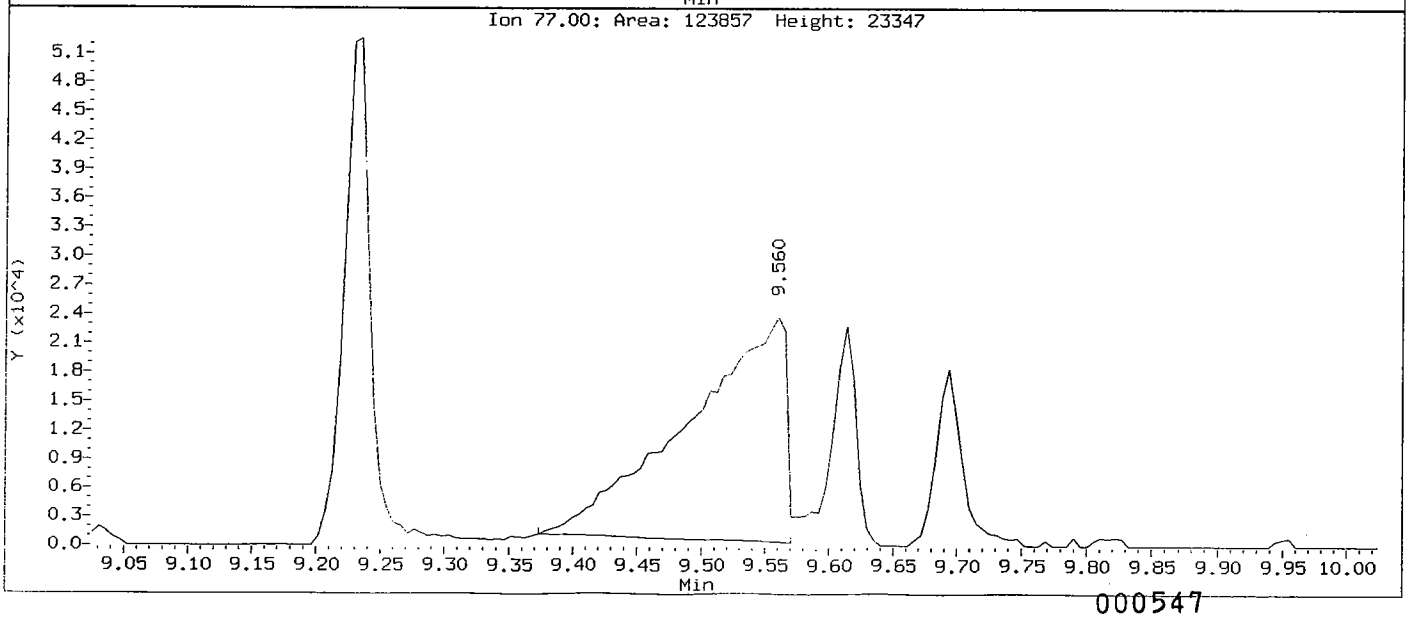
Injection Date: 02-AUG-2005 20:55
Instrument: nt4.i
Client Sample ID:

Compound: Benzoic acid
CAS Number: 65-85-0

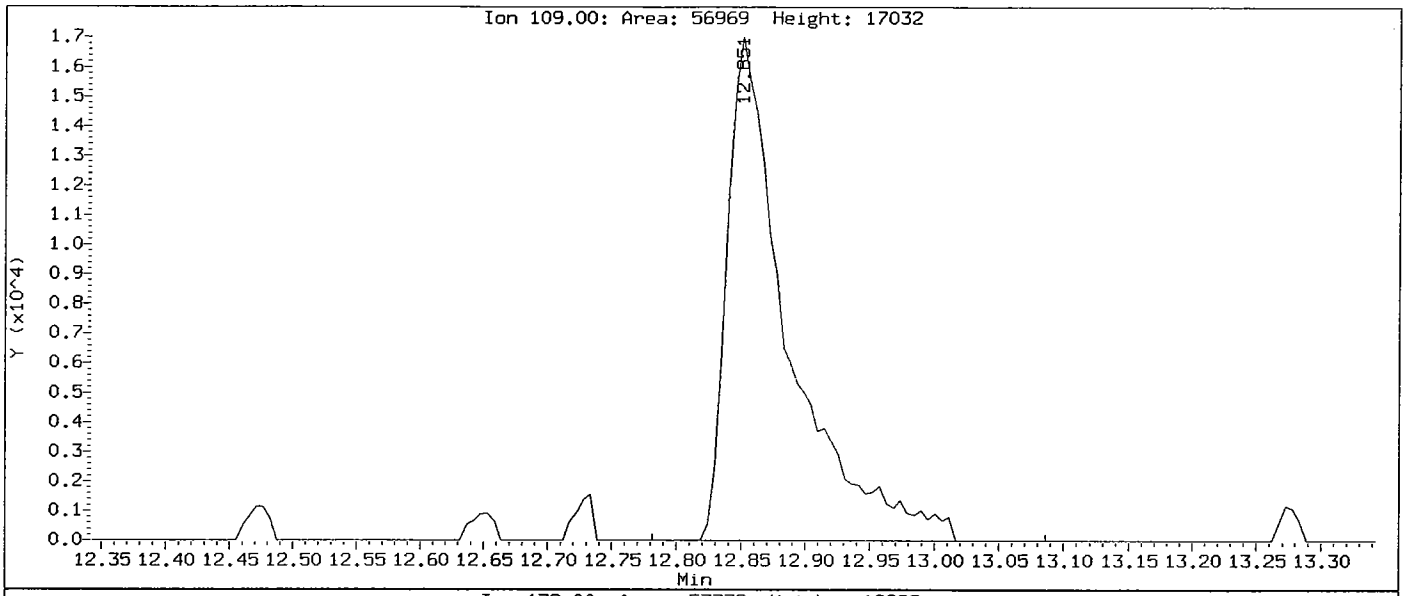


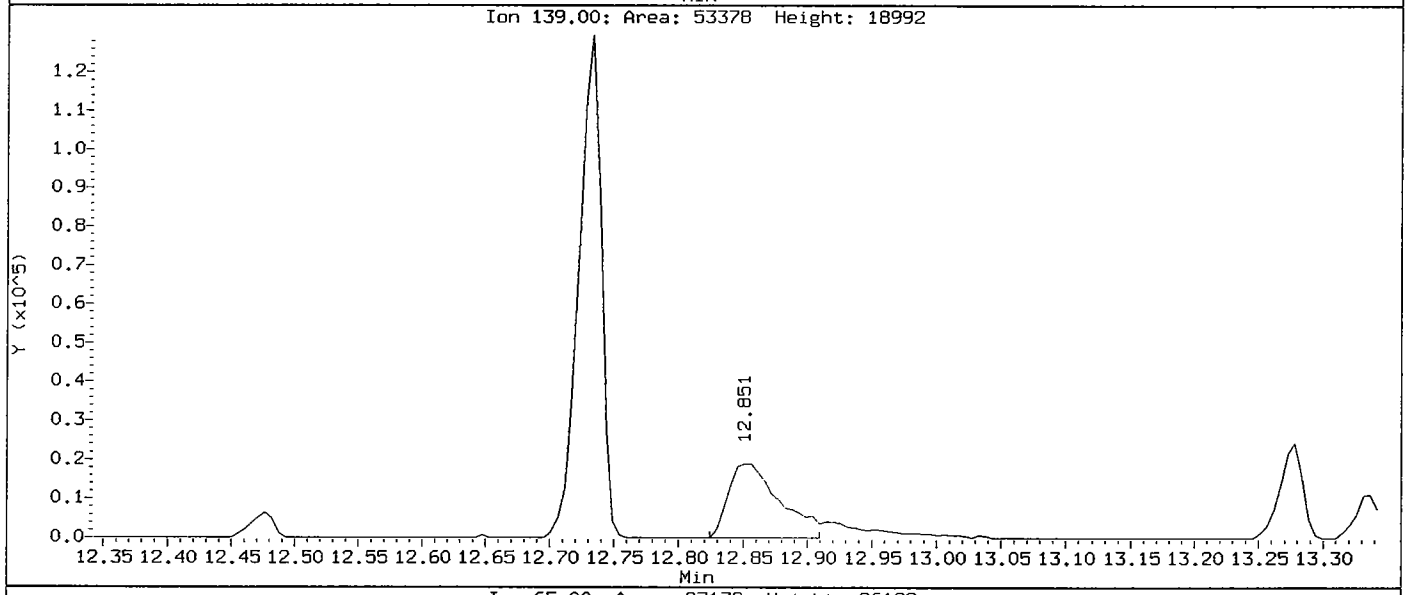


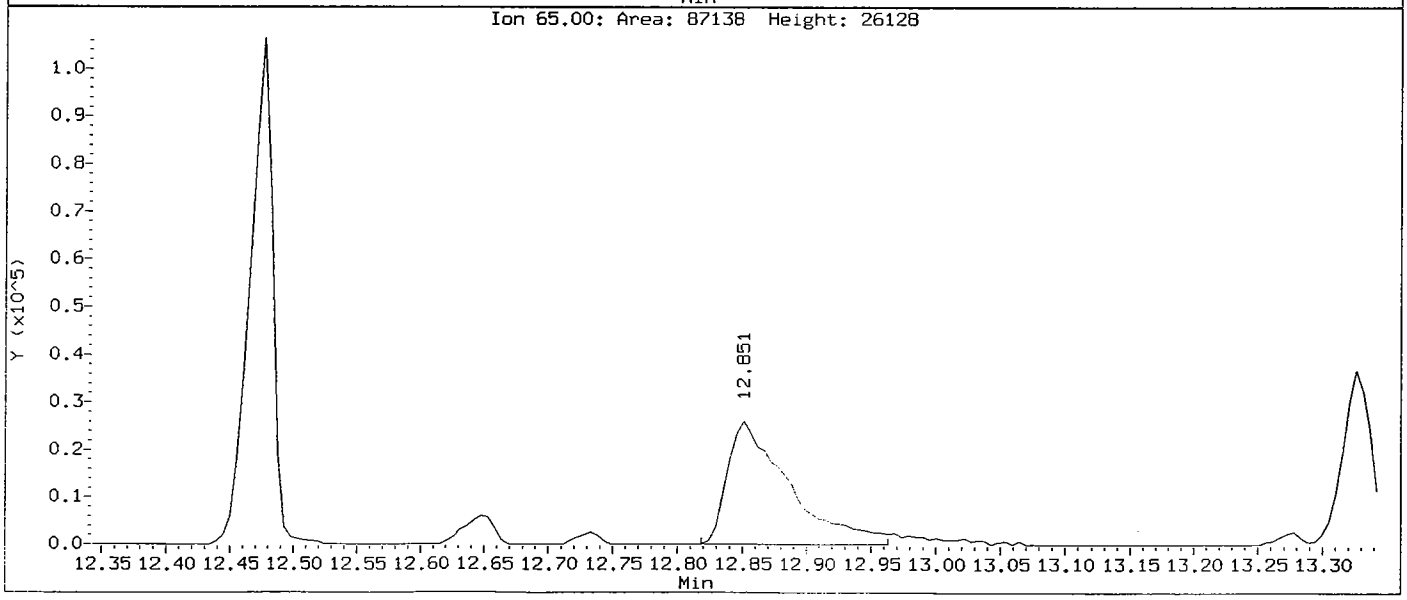


Data File: /chem3/nt4.i/20050802.b/icv0802.d
Injection Date: 02-AUG-2005 20:55
Instrument: nt4.i
Client Sample ID:

Compound: 4-Nitrophenol
CAS Number: 100-02-7







7B

SEMIVOLATILE 8270-C CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: IH28 Project: KC FORMER SCOTT MILL

Instrument ID: NT4 Cont. Calib. Date: 08/02/05

Init. Calib. Date: 08/02/05 Cont. Calib. Time: 2128

COMPOUND	CALC AMOUNT	NOM AMOUNT	CURVE	%D	MAX %D
Phenol	24.91	25.00	AVRG	0.4	20.0
Bis(2-Chloroethyl)ether	24.58	25.00	AVRG	1.7	
2-Chlorophenol	25.11	25.00	AVRG	-0.4	
1,3-Dichlorobenzene	24.86	25.00	AVRG	0.6	
1,4-Dichlorobenzene	24.79	25.00	AVRG	0.8	20.0
1,2-Dichlorobenzene	24.74	25.00	AVRG	1.0	
Benzyl alcohol	22.64	25.00	LINR	9.4	
2,2'-oxybis(1-Chloropropane)	23.72	25.00	AVRG	5.1	
2-Methylphenol	24.54	25.00	AVRG	1.8	
Hexachloroethane	25.56	25.00	AVRG	-2.2	
N-Nitroso-di-n-propylamine	24.08	25.00	AVRG	3.7	
4-Methylphenol	24.69	25.00	AVRG	1.2	
Nitrobenzene	24.58	25.00	AVRG	1.7	
Isophorone	24.38	25.00	AVRG	2.5	
2-Nitrophenol	25.45	25.00	AVRG	-1.8	20.0
2,4-Dimethylphenol	25.37	25.00	AVRG	-1.5	
Bis(2-Chloroethoxy)methane	24.30	25.00	AVRG	2.8	
2,4-Dichlorophenol	24.34	25.00	AVRG	2.6	20.0
1,2,4-Trichlorobenzene	24.98	25.00	AVRG	0.1	
Naphthalene	24.40	25.00	AVRG	2.4	
Benzoic acid	25.09	25.00	AVRG	-0.4	
4-Chloroaniline	24.72	25.00	AVRG	1.1	
Hexachlorobutadiene	24.59	25.00	AVRG	1.6	20.0
4-Chloro-3-methylphenol	24.33	25.00	AVRG	2.7	20.0
2-Methylnaphthalene	24.44	25.00	AVRG	2.2	
Hexachlorocyclopentadiene	25.84	25.00	AVRG	-3.4	
2,4,6-Trichlorophenol	24.89	25.00	AVRG	0.4	20.0
2,4,5-Trichlorophenol	24.01	25.00	AVRG	4.0	
2-Chloronaphthalene	24.61	25.00	AVRG	1.6	
2-Nitroaniline	24.83	25.00	AVRG	0.7	
Acenaphthylene	24.71	25.00	AVRG	1.2	
Dimethylphthalate	24.16	25.00	AVRG	3.4	
2,6-Dinitrotoluene	24.42	25.00	AVRG	2.3	
Acenaphthene	24.39	25.00	AVRG	2.4	20.0
3-Nitroaniline	24.46	25.00	AVRG	2.2	
2,4-Dinitrophenol	25.47	25.00	AVRG	-1.9	
Dibenzofuran	24.25	25.00	AVRG	3.0	

<- Outside QC limits

FORM VII SV-1

7C

SEMIVOLATILE 8270-C CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: IH28 Project: KC FORMER SCOTT MILL

Instrument ID: NT4 Cont. Calib. Date: 08/02/05

Init. Calib. Date: 08/02/05 Cont. Calib. Time: 2128

COMPOUND	CALC AMOUNT	NOM AMOUNT	CURVE	%D	MAX %D
4-Nitrophenol	26.07	25.00	AVRG	-4.3	
2,4-Dinitrotoluene	24.81	25.00	AVRG	0.8	
Fluorene	24.56	25.00	AVRG	1.8	
4-Chlorophenyl-phenylether	24.50	25.00	AVRG	2.0	
Diethylphthalate	24.37	25.00	AVRG	2.5	
4-Nitroaniline	24.59	25.00	AVRG	1.6	
4,6-Dinitro-2-methylphenol	25.15	25.00	AVRG	-0.6	
N-Nitrosodiphenylamine(1)	24.69	25.00	AVRG	1.2	
4-Bromophenyl-phenylether	24.63	25.00	AVRG	1.5	
Hexachlorobenzene	24.56	25.00	AVRG	1.8	
Pentachlorophenol	25.36	25.00	AVRG	-1.4	20.0
Phenanthrene	24.15	25.00	AVRG	3.4	
Anthracene	24.39	25.00	AVRG	2.4	
Carbazole	24.18	25.00	AVRG	3.3	
Di-n-butylphthalate	24.85	25.00	AVRG	0.6	
Fluoranthene	24.50	25.00	AVRG	2.0	20.0
Pyrene	24.90	25.00	AVRG	0.4	
Butylbenzylphthalate	24.97	25.00	AVRG	0.1	
Benzo(a)anthracene	24.10	25.00	AVRG	3.6	
3,3'-Dichlorobenzidine	24.65	25.00	AVRG	1.4	
Chrysene	24.10	25.00	AVRG	3.6	
bis(2-Ethylhexyl)phthalate	24.88	25.00	AVRG	0.5	
Di-n-octylphthalate	24.28	25.00	AVRG	2.9	20.0
Benzo(b)fluoranthene	23.81	25.00	AVRG	4.8	
Benzo(k)fluoranthene	24.05	25.00	AVRG	3.8	
Benzo(a)pyrene	24.56	25.00	AVRG	1.8	20.0
Indeno(1,2,3-cd)pyrene	25.57	25.00	AVRG	-2.3	
Dibenzo(a,h)anthracene	26.13	25.00	AVRG	-4.5	
Benzo(g,h,i)perylene	25.50	25.00	AVRG	-2.0	
2-Fluorophenol	24.04	25.00	AVRG	3.8	
Phenol-d5	24.80	25.00	AVRG	0.8	
2-Chlorophenol-d4	23.77	25.00	AVRG	4.9	
1,2-Dichlorobenzene-d4	23.96	25.00	AVRG	4.2	
Nitrobenzene-d5	24.52	25.00	AVRG	1.9	
2-Fluorobiphenyl	24.28	25.00	AVRG	2.9	

(1) Cannot be separated from Diphenylamine

<- Outside QC limits

FORM VII SV-2

7C

SEMIVOLATILE 8270-C CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: IH28 Project: KC FORMER SCOTT MILL

Instrument ID: NT4 Cont. Calib. Date: 08/02/05

Init. Calib. Date: 08/02/05 Cont. Calib. Time: 2128

COMPOUND	CALC AMOUNT	NOM AMOUNT	CURVE	%D	MAX %D
2,4,6-Tribromophenol	24.44	25.00	AVRG	2.2	
Terphenyl-d14	24.48	25.00	AVRG	2.1	

<- Outside QC limits

FORM VII SV-3

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt4.i
Lab File ID: cc0802.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem3/nt4.i/20050802a.b/SW846.m

Injection Date: 02-AUG-2005 21:28
Init. Cal. Date(s): 02-AUG-2005 02-AUG-2005
Init. Cal. Times: 17:35 20:22
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 2-Fluorophenol	1.39965	1.34571	1.34571	0.010	3.85417	100	Averaged
$ 2 Phenol-d5	1.81369	1.79936	1.79936	0.010	0.79048	100	Averaged
3 Phenol	2.11337	2.10545	2.10545	0.010	0.37460	20.00000	Averaged
$ 5 2-Chlorophenol-d4	1.44782	1.37649	1.37649	0.010	4.92697	100	Averaged
4 Bis(2-Chloroethyl)ether	1.66044	1.63254	1.63254	0.010	1.67990	100	Averaged
6 2-Chlorophenol	1.37677	1.38299	1.38299	0.010	-0.45181	100	Averaged
7 1,3-Dichlorobenzene	1.47420	1.46612	1.46612	0.010	0.54789	100	Averaged
9 1,4-Dichlorobenzene	1.52407	1.51112	1.51112	0.010	0.84951	20.00000	Averaged
$ 10 1,2-Dichlorobenzene-d4	0.91597	0.87797	0.87797	0.010	4.14874	100	Averaged
12 1,2-Dichlorobenzene	1.40390	1.38945	1.38945	0.010	1.02934	100	Averaged
11 Benzyl alcohol	22.64369	25.00000	0.81536	0.010	9.42523	100	Linear
14 2,2'-oxybis(1-Chloropropane	1.57343	1.49264	1.49264	0.010	5.13434	100	Averaged
13 2-Methylphenol	1.30750	1.28362	1.28362	0.010	1.82607	100	Averaged
17 Hexachloroethane	0.60388	0.61745	0.61745	0.010	-2.24749	100	Averaged
16 N-Nitroso-di-n-propylamine	1.31898	1.27057	1.27057	0.050	3.66989	100	Averaged
15 4-Methylphenol	1.35401	1.33710	1.33710	0.010	1.24864	100	Averaged
$ 18 Nitrobenzene-d5	0.53534	0.52504	0.52504	0.010	1.92334	100	Averaged
19 Nitrobenzene	0.54748	0.53833	0.53833	0.010	1.67115	100	Averaged
20 Isophorone	0.90874	0.88604	0.88604	0.010	2.49772	100	Averaged
21 2-Nitrophenol	0.20173	0.20535	0.20535	0.010	-1.79376	20.00000	Averaged
22 2,4-Dimethylphenol	0.40273	0.40873	0.40873	0.010	-1.49031	100	Averaged
23 Bis(2-Chloroethoxy)methane	0.51974	0.50526	0.50526	0.010	2.78481	100	Averaged
24 Benzoic acid	0.30806	0.30922	0.30922	0.010	-0.37616	100	Averaged
25 2,4-Dichlorophenol	0.28122	0.27377	0.27377	0.010	2.64743	20.00000	Averaged
26 1,2,4-Trichlorobenzene	0.32293	0.32272	0.32272	0.010	0.06583	100	Averaged
28 Naphthalene	1.09521	1.06904	1.06904	0.010	2.38960	100	Averaged
29 4-Chloroaniline	0.44801	0.44292	0.44292	0.010	1.13468	100	Averaged
30 Hexachlorobutadiene	0.16790	0.16517	0.16517	0.010	1.62086	20.00000	Averaged
31 4-Chloro-3-methylphenol	0.34323	0.33407	0.33407	0.010	2.66863	20.00000	Averaged
32 2-Methylnaphthalene	0.60121	0.58764	0.58764	0.010	2.25770	100	Averaged
33 Hexachlorocyclopentadiene	0.21483	0.22201	0.22201	0.050	-3.34441	100	Averaged
34 2,4,6-Trichlorophenol	0.36350	0.36192	0.36192	0.010	0.43482	20.00000	Averaged
35 2,4,5-Trichlorophenol	0.36905	0.35447	0.35447	0.010	3.95080	100	Averaged
$ 36 2-Fluorobiphenyl	1.30510	1.26729	1.26729	0.010	2.89712	100	Averaged
37 2-Chloronaphthalene	1.15103	1.13307	1.13307	0.010	1.56007	100	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt4.i
Lab File ID: cc0802.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem3/nt4.i/20050802a.b/SW846.m

Injection Date: 02-AUG-2005 21:28
Init. Cal. Date(s): 02-AUG-2005 02-AUG-2005
Init. Cal. Times: 17:35 20:22
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
38 2-Nitroaniline	0.49179	0.48845	0.48845	0.010	0.67782	100	Averaged
39 Dimethylphthalate	1.27492	1.23199	1.23199	0.010	3.36729	100	Averaged
40 Acenaphthylene	1.88279	1.86075	1.86075	0.010	1.17050	100	Averaged
41 2,6-Dinitrotoluene	0.29104	0.28423	0.28423	0.010	2.33808	100	Averaged
43 3-Nitroaniline	0.33237	0.32522	0.32522	0.010	2.15091	100	Averaged
44 Acenaphthene	1.20725	1.17772	1.17772	0.010	2.44650	20.00000	Averaged
45 2,4-Dinitrophenol	0.13648	0.13904	0.13904	0.050	-1.87417	100	Averaged
46 Dibenzofuran	1.53626	1.49041	1.49041	0.010	2.98437	100	Averaged
47 4-Nitrophenol	0.20130	0.20995	0.20995	0.050	-4.29451	100	Averaged
48 2,4-Dinitrotoluene	0.36796	0.36522	0.36522	0.010	0.74446	100	Averaged
50 Diethylphthalate	1.27521	1.24327	1.24327	0.010	2.50531	100	Averaged
49 Fluorene	1.27595	1.25348	1.25348	0.010	1.76109	100	Averaged
51 4-Chlorophenyl-phenylether	0.61419	0.60196	0.60196	0.010	1.98985	100	Averaged
52 4-Nitroaniline	0.30651	0.30146	0.30146	0.010	1.65030	100	Averaged
53 4,6-Dinitro-2-methylphenol	0.14106	0.14189	0.14189	0.010	-0.58857	100	Averaged
54 N-Nitrosodiphenylamine	0.44545	0.43985	0.43985	0.010	1.25735	20.00000	Averaged
$ 55 2,4,6-Tribromophenol	0.12813	0.12524	0.12524	0.010	2.25717	100	Averaged
56 4-Bromophenyl-phenylether	0.20735	0.20425	0.20425	0.010	1.49370	100	Averaged
57 Hexachlorobenzene	0.21518	0.21136	0.21136	0.010	1.77636	100	Averaged
58 Pentachlorophenol	0.12366	0.12545	0.12545	0.010	-1.45131	20.00000	Averaged
60 Phenanthrene	1.21620	1.17509	1.17509	0.010	3.38009	100	Averaged
61 Anthracene	1.20760	1.17833	1.17833	0.010	2.42350	100	Averaged
62 Carbazole	0.96163	0.92990	0.92990	0.010	3.29984	100	Averaged
63 Di-n-butylphthalate	1.29315	1.28530	1.28530	0.010	0.60723	100	Averaged
64 Fluoranthene	1.14892	1.12602	1.12602	0.010	1.99334	20.00000	Averaged
65 Pyrene	1.56273	1.55650	1.55650	0.010	0.39903	100	Averaged
$ 66 Terphenyl-d14	0.93227	0.91291	0.91291	0.010	2.07661	100	Averaged
67 Butylbenzylphthalate	0.72020	0.71923	0.71923	0.010	0.13482	100	Averaged
68 Benzo(a)anthracene	1.37640	1.32678	1.32678	0.010	3.60527	100	Averaged
70 3,3'-Dichlorobenzidine	0.45491	0.44853	0.44853	0.010	1.40065	100	Averaged
71 Chrysene	1.35287	1.30410	1.30410	0.010	3.60559	100	Averaged
72 bis(2-Ethylhexyl)phthalate	0.55072	0.54808	0.54808	0.010	0.47891	100	Averaged
73 Di-n-octylphthalate	1.04141	1.01134	1.01134	0.010	2.88809	20.00000	Averaged
74 Benzo(b)fluoranthene	1.38079	1.31522	1.31522	0.010	4.74899	100	Averaged
75 Benzo(k)fluoranthene	1.32194	1.27157	1.27157	0.010	3.81018	100	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt4.i
Lab File ID: cc0802.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem3/nt4.i/20050802a.b/SW846.m

Injection Date: 02-AUG-2005 21:28
Init. Cal. Date(s): 02-AUG-2005 02-AUG-2005
Init. Cal. Times: 17:35 20:22
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
76 Benzo(a)pyrene	1.23940	1.21763	1.21763	0.010	1.75612	20.00000	Averaged	
78 Indeno(1,2,3-cd)pyrene	1.28660	1.31591	1.31591	0.010	-2.27804	100	Averaged	
79 Dibenzo(a,h)anthracene	1.20703	1.26153	1.26153	0.010	-4.51542	100	Averaged	
80 Benzo(g,h,i)perylene	1.31631	1.34264	1.34264	0.010	-2.00053	100	Averaged	
90 N-Nitrosodimethylamine	0.94771	0.96267	0.96267	0.010	-1.57870	100	Averaged	
103 Pyridine	1.48524	1.72918	1.72918	0.010	-16.42404	100	Averaged	
91 Aniline	2.36194	2.37957	2.37957	0.010	-0.74649	100	Averaged	
105 1-methylnaphthalene	0.60971	0.59528	0.59528	0.010	2.36735	100	Averaged	
93 Benzidine	0.33966	0.48164	0.48164	0.010	-41.80161	100	Averaged	
98 Retene	0.49033	0.49397	0.49397	0.010	-0.74247	100	Averaged	
111 Azobenzene (1,2-DP-Hydrazin	1.86837	1.81481	1.81481	0.010	2.86660	100	Averaged	
144 alpha-Terpineol	0.16400	0.12551	0.12551	0.010	23.47181	100	Averaged	
143 1,4-Dioxane	++++	++++	++++	0.010	++++	100	Averaged	<-
$ 137 d8-1,4-Dioxane	++++	0.00335	0.00335	0.010	++++	100	Averaged	<-
133 Butylatedhydroxytoluene	0.91588	0.94266	0.94266	0.010	-2.92383	100	Averaged	
115 Tributyl Phosphate	1.11379	1.10680	1.10680	0.010	0.62795	100	Averaged	
116 Dibutyl Phenyl Phosphate	0.57012	0.57623	0.57623	0.010	-1.07279	100	Averaged	
117 Butyl Diphenyl Phosphate	0.33266	0.33977	0.33977	0.010	-2.13569	100	Averaged	
118 Triphenyl Phosphate	0.21208	0.20925	0.20925	0.010	1.33366	100	Averaged	

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem3/nt4.i/20050802a.b/cc0802.d
Lab Smp Id: ABN 25
Inj Date : 02-AUG-2005 21:28
Operator : VS Inst ID: nt4.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20050802a.b/SW846.m
Meth Date : 03-Aug-2005 14:24 jeff Quant Type: ISTD
Cal Date : 02-AUG-2005 20:22 Cal File: 0100802.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$ 1	2-Fluorophenol	112	5.135	5.135	(0.691)	204559	25.0000	24.04
$ 2	Phenol-d5	99	7.112	7.112	(0.958)	273518	25.0000	24.80
3	Phenol	94	7.139	7.139	(0.961)	320047	25.0000	24.91
$ 5	2-Chlorophenol-d4	132	7.117	7.117	(0.958)	209238	25.0000	23.77
4	Bis(2-Chloroethyl)ether	93	7.149	7.149	(0.963)	248161	25.0000	24.58
6	2-Chlorophenol	128	7.144	7.144	(0.962)	210227	25.0000	25.11
7	1,3-Dichlorobenzene	146	7.352	7.352	(0.990)	222863	25.0000	24.86
* 8	1,4-Dichlorobenzene-d4	152	7.427	7.427	(1.000)	121607	20.0000	
9	1,4-Dichlorobenzene	146	7.459	7.459	(1.004)	229704	25.0000	24.79
$ 10	1,2-Dichlorobenzene-d4	152	7.753	7.753	(1.044)	133459	25.0000	23.96
12	1,2-Dichlorobenzene	146	7.774	7.774	(1.047)	211209	25.0000	24.74
11	Benzyl alcohol	108	7.828	7.828	(1.054)	123942	25.0000	22.64(M)
14	2,2'-oxybis(1-Chloropropane)	45	8.095	8.095	(1.090)	226895	25.0000	23.72
13	2-Methylphenol	108	8.127	8.127	(1.094)	195122	25.0000	24.54
17	Hexachloroethane	117	8.276	8.276	(1.114)	93858	25.0000	25.56
16	N-Nitroso-di-n-propylamine	70	8.346	8.346	(1.124)	193138	25.0000	24.08
15	4-Methylphenol	108	8.389	8.389	(1.129)	203251	25.0000	24.69
$ 18	Nitrobenzene-d5	82	8.469	8.469	(0.884)	282290	25.0000	24.52
19	Nitrobenzene	77	8.501	8.501	(0.887)	289436	25.0000	24.58
20	Isophorone	82	8.912	8.912	(0.930)	476381	25.0000	24.38
21	2-Nitrophenol	139	9.035	9.035	(0.943)	110408	25.0000	25.45
22	2,4-Dimethylphenol	107	9.233	9.233	(0.963)	219754	25.0000	25.37
23	Bis(2-Chloroethoxy)methane	93	9.366	9.366	(0.977)	271655	25.0000	24.30
24	Benzoic acid	105	9.575	9.575	(0.999)	166254	25.0000	25.09(M)
25	2,4-Dichlorophenol	162	9.446	9.446	(0.986)	147194	25.0000	24.34
26	1,2,4-Trichlorobenzene	180	9.537	9.537	(0.995)	173509	25.0000	24.98
* 27	Naphthalene-d8	136	9.585	9.585	(1.000)	430121	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.617	9.617	(1.003)	574771	25.0000	24.40
	29 4-Chloroaniline	127	9.820	9.820	(1.025)	238138	25.0000	24.72
	30 Hexachlorobutadiene	225	9.954	9.954	(1.038)	88806	25.0000	24.59
	31 4-Chloro-3-methylphenol	107	10.691	10.691	(1.115)	179611	25.0000	24.33
	32 2-Methylnaphthalene	141	10.745	10.745	(1.121)	315943	25.0000	24.44
	33 Hexachlorocyclopentadiene	237	11.124	11.124	(0.895)	63714	25.0000	25.84
	34 2,4,6-Trichlorophenol	196	11.295	11.295	(0.909)	103866	25.0000	24.89
	35 2,4,5-Trichlorophenol	196	11.348	11.348	(0.913)	101728	25.0000	24.01
$	36 2-Fluorobiphenyl	172	11.412	11.412	(0.918)	363691	25.0000	24.28
	37 2-Chloronaphthalene	162	11.514	11.514	(0.926)	325174	25.0000	24.61
	38 2-Nitroaniline	65	11.802	11.802	(0.950)	140178	25.0000	24.83
	39 Dimethylphthalate	163	12.187	12.187	(0.981)	353561	25.0000	24.16
	40 Acenaphthylene	152	12.171	12.171	(0.979)	534005	25.0000	24.71
	41 2,6-Dinitrotoluene	165	12.283	12.283	(0.988)	81570	25.0000	24.42
*	42 Acenaphthene-d10	164	12.427	12.427	(1.000)	229587	20.0000	
	43 3-Nitroaniline	138	12.481	12.481	(1.004)	93332	25.0000	24.46
	44 Acenaphthene	153	12.475	12.475	(1.004)	337986	25.0000	24.39
	45 2,4-Dinitrophenol	184	12.636	12.636	(1.017)	39902	25.0000	25.47
	46 Dibenzofuran	168	12.732	12.732	(1.024)	427723	25.0000	24.25
	47 4-Nitrophenol	109	12.855	12.855	(1.034)	60251	25.0000	26.07(M)
	48 2,4-Dinitrotoluene	165	12.887	12.887	(1.037)	104813	25.0000	24.81
	50 Diethylphthalate	149	13.330	13.330	(1.073)	356797	25.0000	24.37
	49 Fluorene	166	13.277	13.277	(1.068)	359729	25.0000	24.56
	51 4-Chlorophenyl-phenylether	204	13.335	13.335	(1.073)	172754	25.0000	24.50
	52 4-Nitroaniline	138	13.469	13.469	(1.084)	86513	25.0000	24.59
	53 4,6-Dinitro-2-methylphenol	198	13.517	13.517	(0.917)	60846	25.0000	25.15
	54 N-Nitrosodiphenylamine	169	13.560	13.560	(0.920)	188615	25.0000	24.69
$	55 2,4,6-Tribromophenol	330	13.709	13.709	(1.103)	35942	25.0000	24.44
	56 4-Bromophenyl-phenylether	248	14.099	14.099	(0.956)	87587	25.0000	24.63
	57 Hexachlorobenzene	284	14.281	14.281	(0.968)	90633	25.0000	24.56
	58 Pentachlorophenol	266	14.607	14.607	(0.991)	53797	25.0000	25.36
*	59 Phenanthrene-d10	188	14.746	14.746	(1.000)	343054	20.0000	
	60 Phenanthrene	178	14.783	14.783	(1.003)	503901	25.0000	24.15
	61 Anthracene	178	14.853	14.853	(1.007)	505290	25.0000	24.39
	62 Carbazole	167	15.179	15.179	(1.029)	398758	25.0000	24.18
	63 Di-n-butylphthalate	149	15.932	15.932	(1.080)	551158	25.0000	24.85
	64 Fluoranthene	202	16.674	16.674	(1.131)	482855	25.0000	24.50
	65 Pyrene	202	17.016	17.016	(0.896)	506977	25.0000	24.90
$	66 Terphenyl-d14	244	17.385	17.385	(0.916)	297349	25.0000	24.48
	67 Butylbenzylphthalate	149	18.298	18.298	(0.964)	234266	25.0000	24.97
	68 Benzo(a)anthracene	228	18.955	18.955	(0.999)	432153	25.0000	24.10
*	69 Chrysene-d12	240	18.982	18.982	(1.000)	260573	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.030	19.030	(1.003)	146095	25.0000	24.65
	71 Chrysene	228	19.025	19.025	(1.002)	424765	25.0000	24.10
	72 bis(2-Ethylhexyl)phthalate	149	19.297	19.297	(0.954)	321520	25.0000	24.88
*	134 Di-n-octylphthalate-d4	153	20.227	20.227	(1.000)	469301	20.0000	
	73 Di-n-octylphthalate	149	20.232	20.232	(1.000)	593277	25.0000	24.28

	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	20.585	20.585	(0.975)	466541	25.0000	23.81
75	Benzo(k)fluoranthene	252	20.622	20.622	(0.977)	451057	25.0000	24.05
76	Benzo(a)pyrene	252	21.017	21.017	(0.996)	431924	25.0000	24.56
* 77	Perylene-d12	264	21.103	21.103	(1.000)	283780	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.438	22.438	(1.063)	466787	25.0000	25.57
79	Dibenzo(a,h)anthracene	278	22.471	22.471	(1.065)	447497	25.0000	26.13
80	Benzo(g,h,i)perylene	276	22.732	22.732	(1.077)	476268	25.0000	25.50
90	N-Nitrosodimethylamine	74	2.341	2.341	(0.315)	146334	25.0000	25.39
103	Pyridine	79	2.309	2.309	(0.311)	262850	25.0000	29.11
91	Aniline	93	6.984	6.984	(0.940)	361715	25.0000	25.19
105	1-methylnaphthalene	141	10.910	10.910	(1.138)	320051	25.0000	24.41
93	Benzidine	184	16.995	16.995	(0.895)	156878	25.0000	35.45
98	Retene	219	17.599	17.599	(0.927)	160893	25.0000	25.19
111	Azobenzene (1,2-DP-Hydrazine)	77	13.576	13.576	(1.092)	520822	25.0000	24.28
144	alpha-Terpineol	59	9.692	9.692	(1.011)	67480	25.0000	19.13
143	1,4-Dioxane	58	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
133	Butylatedhydroxytoluene	205	12.652	12.652	(1.018)	270527	25.0000	25.73
115	Tributyl Phosphate	99	13.720	13.720	(0.930)	474615	25.0000	24.84
116	Dibutyl Phenyl Phosphate	175	15.387	15.387	(1.043)	247098	25.0000	25.27
117	Butyl Diphenyl Phosphate	94	17.032	17.032	(0.897)	110668	25.0000	25.53
118	Triphenyl Phosphate	326	18.603	18.603	(0.980)	68156	25.0000	24.67

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: cc0802.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: VS
Method File: /chem3/nt4.i/20050802a.b/SW846.m
Misc Info:

Calibration Date: 02-AUG-2005
Calibration Time: 21:28

Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	121607	60804	243214	121607	0.00
27 Naphthalene-d8	430121	215060	860242	430121	0.00
42 Acenaphthene-d10	229587	114794	459174	229587	0.00
59 Phenanthrene-d10	343054	171527	686108	343054	0.00
69 Chrysene-d12	260573	130286	521146	260573	0.00
134 Di-n-octylphthala	469301	234650	938602	469301	0.00
77 Perylene-d12	283780	141890	567560	283780	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.43	6.93	7.93	7.43	0.00
27 Naphthalene-d8	9.59	9.09	10.09	9.59	0.00
42 Acenaphthene-d10	12.43	11.93	12.93	12.43	0.00
59 Phenanthrene-d10	14.75	14.25	15.25	14.75	0.00
69 Chrysene-d12	18.98	18.48	19.48	18.98	0.00
134 Di-n-octylphthala	20.23	19.73	20.73	20.23	0.00
77 Perylene-d12	21.10	20.60	21.60	21.10	0.00

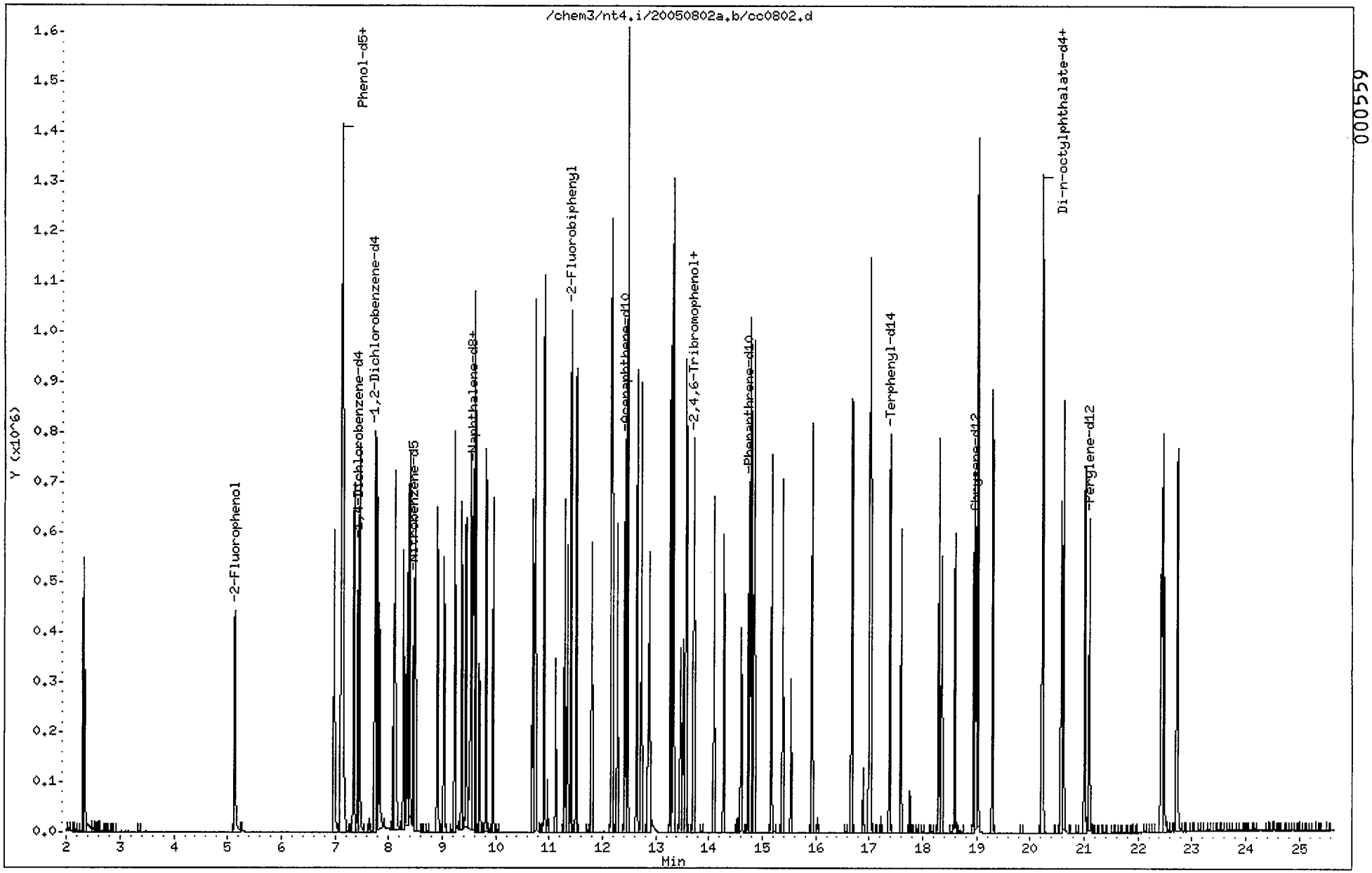
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20050802a.b/cc0802.d
Date : 02-AUG-2005 21:28
Client ID:
Sample Info: ABN 25

Instrument: nt4.i

Operator: VS
Column diameter: 0.32

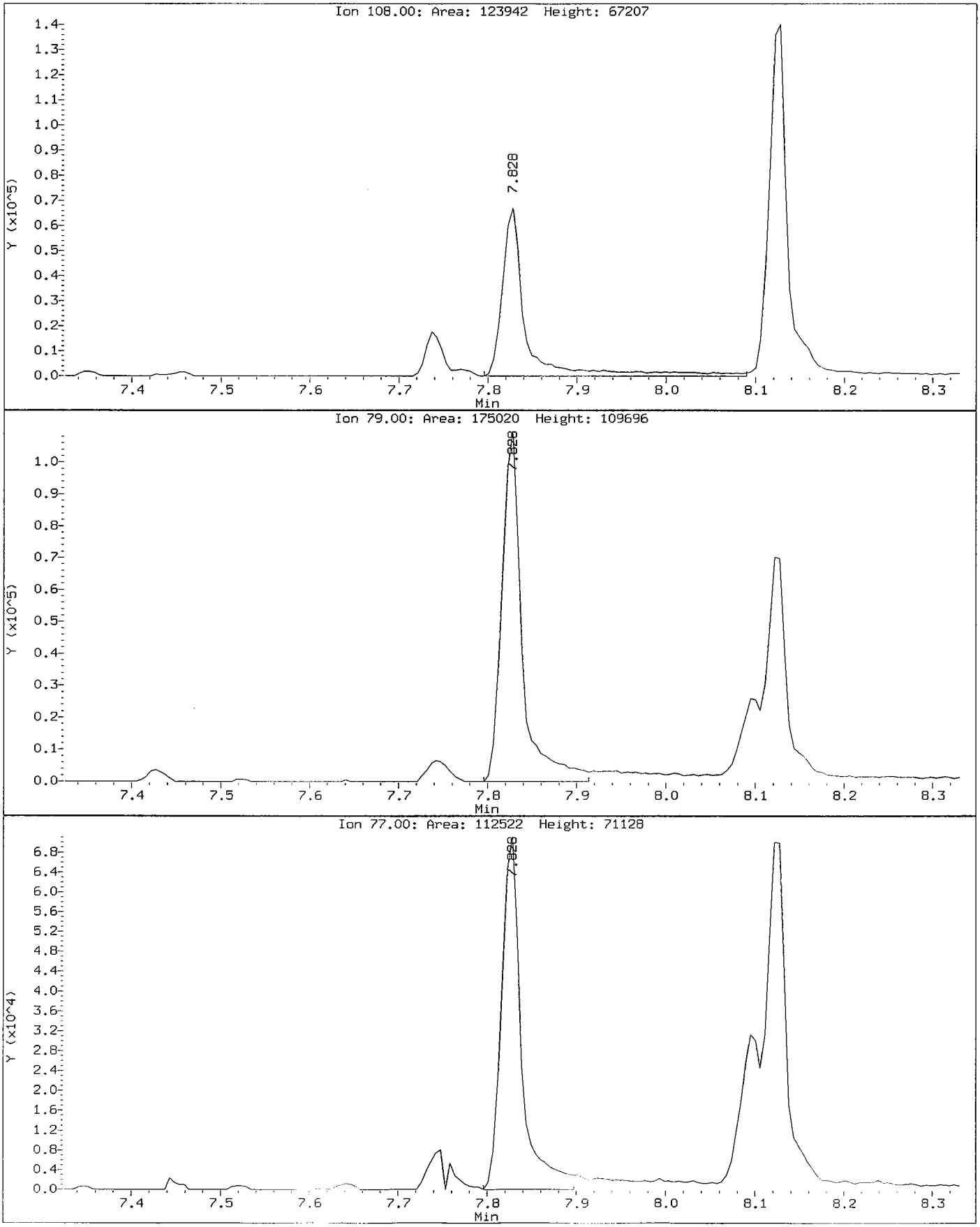
Column phase: RTX-5



000559

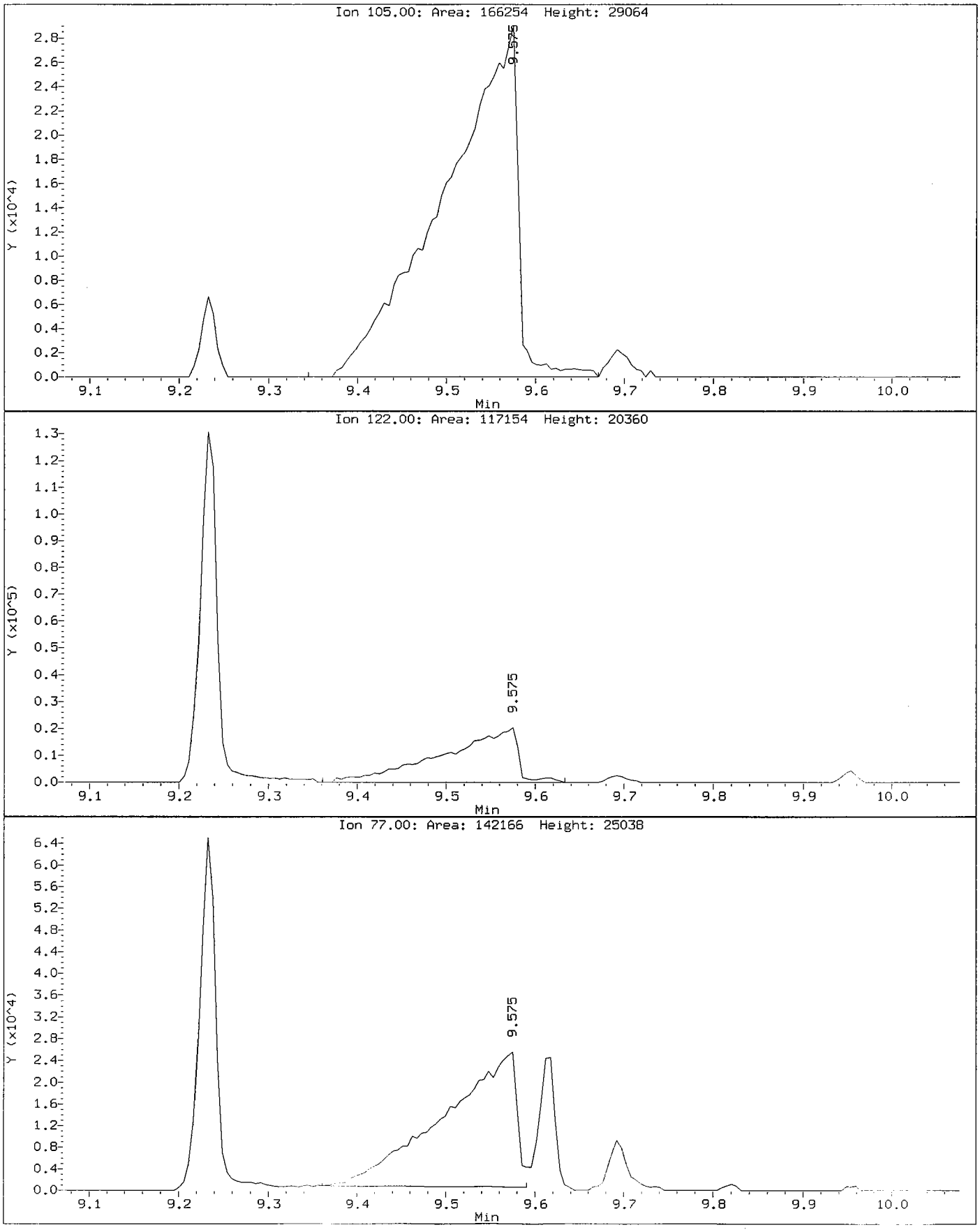
Data File: /chem3/nt4.i/20050802a.b/cc0802.d
Injection Date: 02-AUG-2005 21:28
Instrument: nt4.i
Client Sample ID:

Compound: Benzyl alcohol
CAS Number: 100-51-6



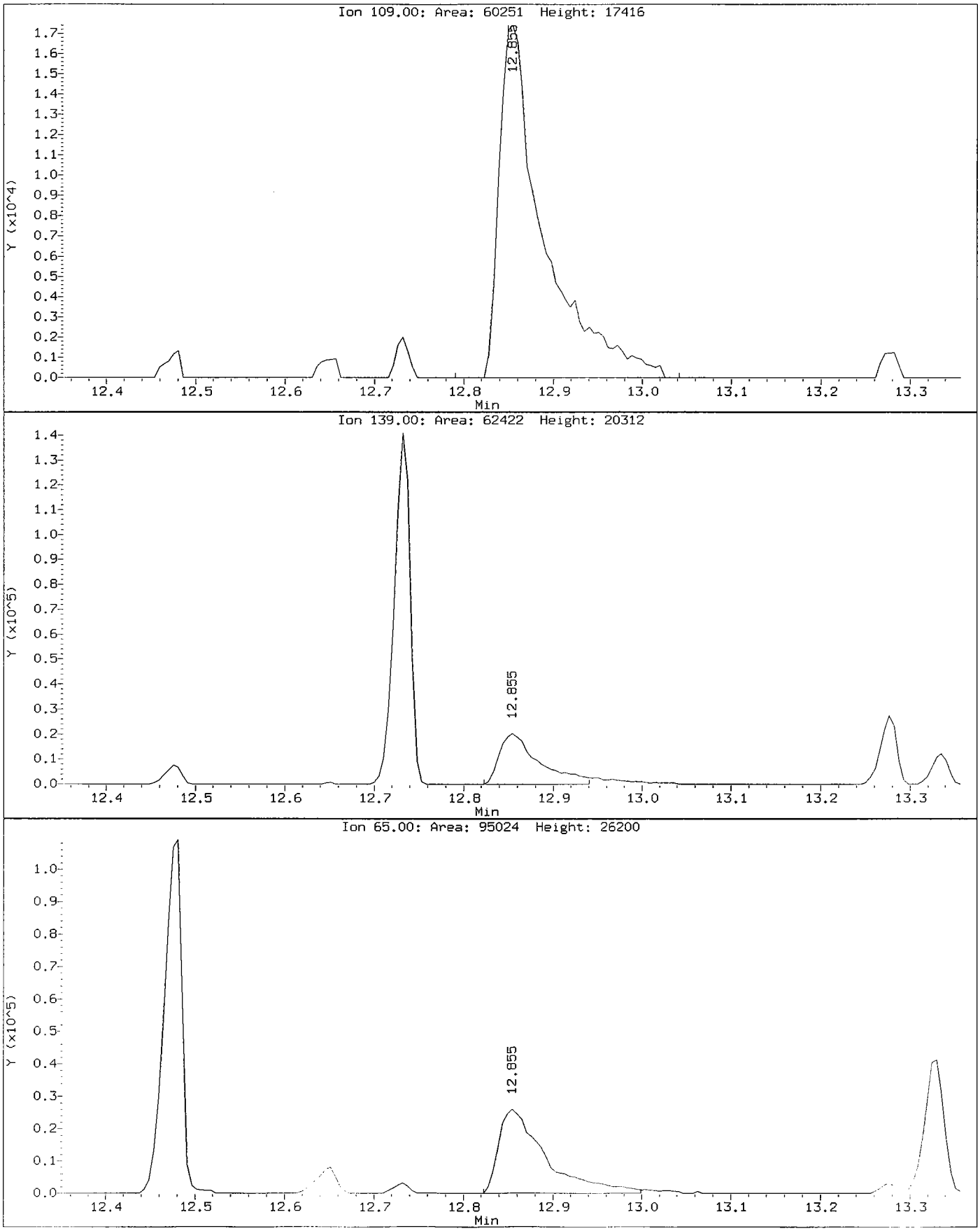
Data File: /chem3/nt4.i/20050802a.b/cc0802.d
Injection Date: 02-AUG-2005 21:28
Instrument: nt4.i
Client Sample ID:

Compound: Benzoic acid
CAS Number: 65-85-0



Data File: /chem3/nt4.i/20050802a.b/cc0802.d
Injection Date: 02-AUG-2005 21:28
Instrument: nt4.i
Client Sample ID:

Compound: 4-Nitrophenol
CAS Number: 100-02-7



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

Data file: /chem3/nt4.i/20050802a.b/ddt.b/cc0802.d
Method: /chem3/nt4.i/20050802a.b/ddt.b/sw846ddt.m
Analysis Date: 02-AUG-2005 21:28

ARI ID:
Misc:
Instrument: nt4.i

COMPOUND	RT	AREA
Pentachlorophenol	14.607	53797
Benzidine	16.995	156878
4,4'-DDE	----	----
4,4'-DDD	17.892	3853
4,4'-DDT	18.357	129057

LTR 8/4/05

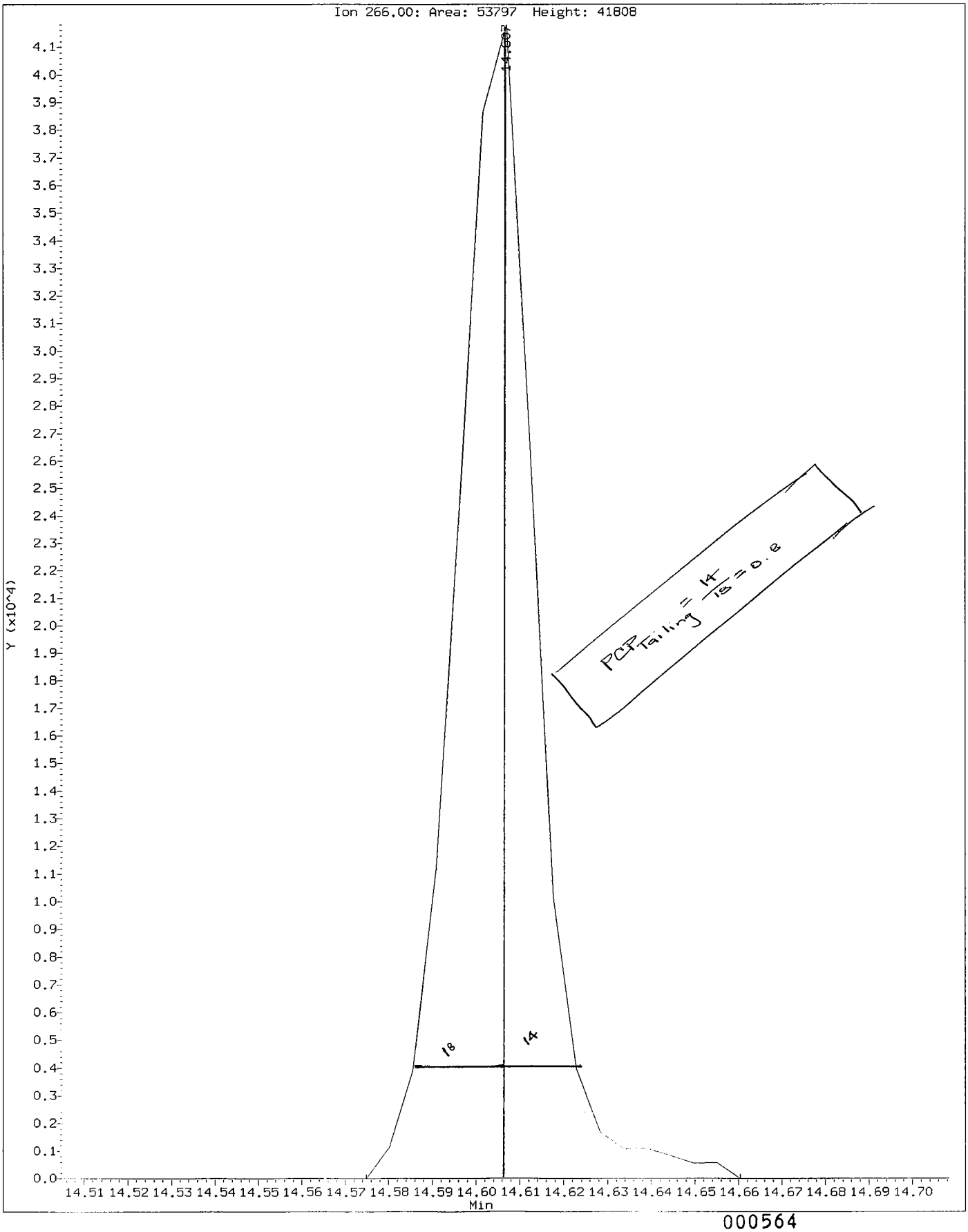
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(0 + 3853) * 100}{(0 + 3853 + 129057)}$$

DDT Percent Breakdown = 2.9 %

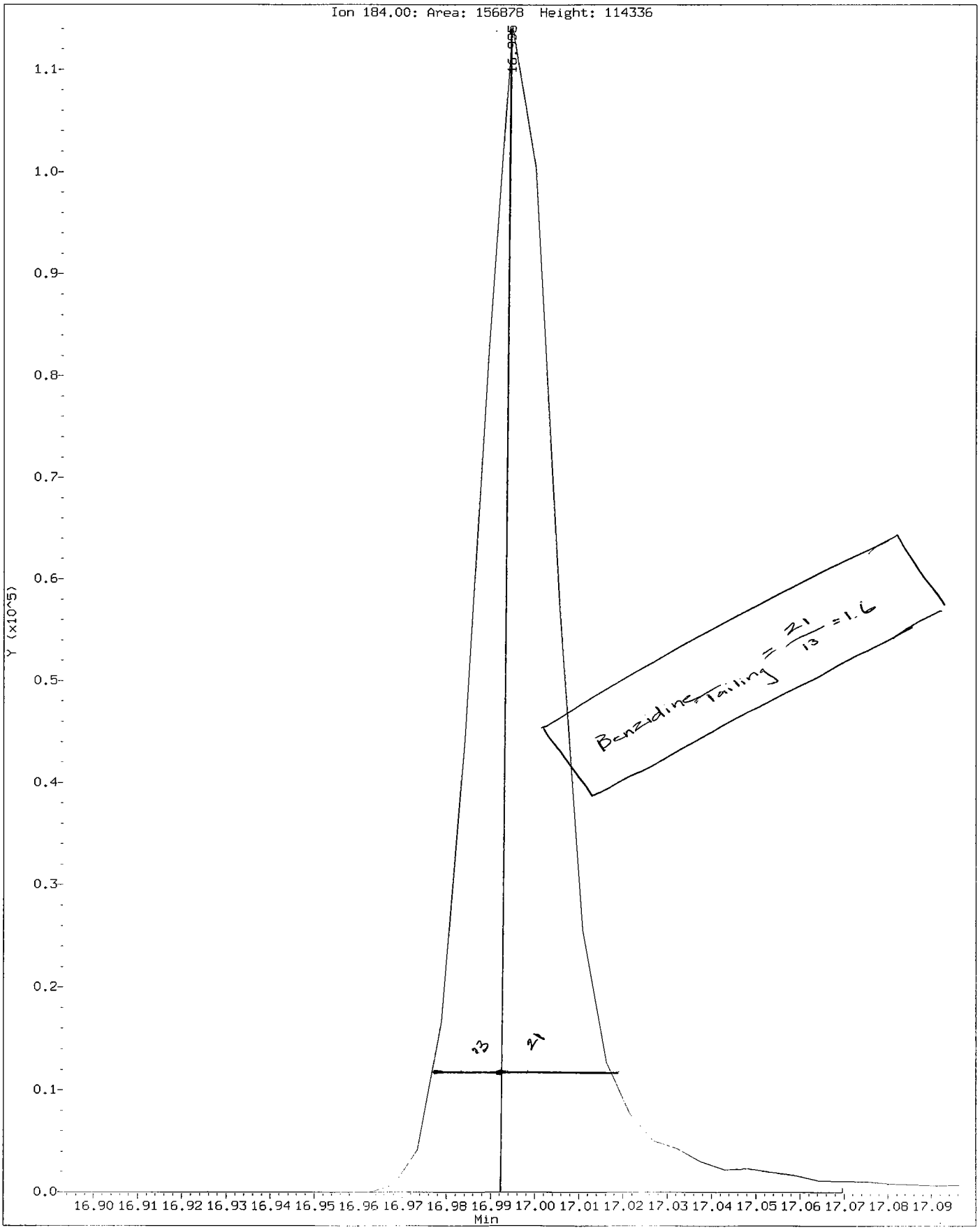
Data File: /chem3/nt4.i/20050802a.b/ddt.b/cc0802.d
Injection Date: 02-AUG-2005 21:28
Instrument: nt4.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem3/nt4.i/20050802a.b/ddt.b/cc0802.d
Injection Date: 02-AUG-2005 21:28
Instrument: nt4.i
Client Sample ID:

Compound: Benzidine
CAS Number:



SEMIVOLATILE 8270-C CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: IH28 Project: KC FORMER SCOTT MILL

Instrument ID: NT4 Cont. Calib. Date: 08/03/05

Init. Calib. Date: 08/02/05 Cont. Calib. Time: 1603

COMPOUND	CALC AMOUNT	NOM AMOUNT	CURVE	%D	MAX %D
Phenol	26.17	25.00	AVRG	-4.7	20.0
Bis(2-Chloroethyl)ether	26.15	25.00	AVRG	-4.6	
2-Chlorophenol	26.39	25.00	AVRG	-5.6	
1,3-Dichlorobenzene	25.02	25.00	AVRG	-0.1	
1,4-Dichlorobenzene	24.99	25.00	AVRG	0.0	20.0
1,2-Dichlorobenzene	25.33	25.00	AVRG	-1.3	
Benzyl alcohol	13.36	25.00	LINR	46.6	
2,2'-oxybis(1-Chloropropane)	26.19	25.00	AVRG	-4.8	
2-Methylphenol	27.69	25.00	AVRG	-10.8	
Hexachloroethane	25.48	25.00	AVRG	-1.9	
N-Nitroso-di-n-propylamine	26.50	25.00	AVRG	-6.0	
4-Methylphenol	27.40	25.00	AVRG	-9.6	
Nitrobenzene	24.95	25.00	AVRG	0.2	
Isophorone	25.30	25.00	AVRG	-1.2	
2-Nitrophenol	24.90	25.00	AVRG	0.4	20.0
2,4-Dimethylphenol	26.53	25.00	AVRG	-6.1	
Bis(2-Chloroethoxy)methane	24.61	25.00	AVRG	1.6	
2,4-Dichlorophenol	25.18	25.00	AVRG	-0.7	20.0
1,2,4-Trichlorobenzene	24.67	25.00	AVRG	1.3	
Naphthalene	24.35	25.00	AVRG	2.6	
Benzoic acid	29.41	25.00	AVRG	-17.6	
4-Chloroaniline	23.93	25.00	AVRG	4.3	
Hexachlorobutadiene	23.90	25.00	AVRG	4.4	20.0
4-Chloro-3-methylphenol	27.11	25.00	AVRG	-8.4	20.0
2-Methylnaphthalene	26.13	25.00	AVRG	-4.5	
Hexachlorocyclopentadiene	32.68	25.00	AVRG	-30.7	
2,4,6-Trichlorophenol	23.68	25.00	AVRG	5.3	20.0
2,4,5-Trichlorophenol	28.67	25.00	AVRG	-14.7	
2-Chloronaphthalene	23.91	25.00	AVRG	4.4	
2-Nitroaniline	26.45	25.00	AVRG	-5.8	
Acenaphthylene	24.73	25.00	AVRG	1.1	
Dimethylphthalate	24.85	25.00	AVRG	0.6	
2,6-Dinitrotoluene	25.30	25.00	AVRG	-1.2	
Acenaphthene	24.24	25.00	AVRG	3.0	20.0
3-Nitroaniline	25.04	25.00	AVRG	-0.2	
2,4-Dinitrophenol	31.13	25.00	AVRG	-24.5	
Dibenzofuran	24.90	25.00	AVRG	0.4	

<- Outside QC limits

7C

SEMIVOLATILE 8270-C CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: IH28 Project: KC FORMER SCOTT MILL

Instrument ID: NT4 Cont. Calib. Date: 08/03/05

Init. Calib. Date: 08/02/05 Cont. Calib. Time: 1603

COMPOUND	CALC AMOUNT	NOM AMOUNT	CURVE	%D	MAX %D
4-Nitrophenol	31.48	25.00	AVRG	-25.9	
2,4-Dinitrotoluene	26.05	25.00	AVRG	-4.2	
Fluorene	24.94	25.00	AVRG	0.2	
4-Chlorophenyl-phenylether	25.21	25.00	AVRG	-0.8	
Diethylphthalate	25.91	25.00	AVRG	-3.6	
4-Nitroaniline	20.20	25.00	AVRG	19.2	
4,6-Dinitro-2-methylphenol	25.74	25.00	AVRG	-3.0	
N-Nitrosodiphenylamine(1)	24.58	25.00	AVRG	1.7	
4-Bromophenyl-phenylether	23.48	25.00	AVRG	6.1	
Hexachlorobenzene	22.50	25.00	AVRG	10.0	
Pentachlorophenol	28.07	25.00	AVRG	-12.3	20.0
Phenanthrene	24.04	25.00	AVRG	3.8	
Anthracene	24.25	25.00	AVRG	3.0	
Carbazole	23.83	25.00	AVRG	4.7	
Di-n-butylphthalate	25.82	25.00	AVRG	-3.3	
Fluoranthene	25.69	25.00	AVRG	-2.8	20.0
Pyrene	23.74	25.00	AVRG	5.0	
Butylbenzylphthalate	25.93	25.00	AVRG	-3.7	
Benzo(a)anthracene	25.63	25.00	AVRG	-2.5	
3,3'-Dichlorobenzidine	23.23	25.00	AVRG	7.1	
Chrysene	24.64	25.00	AVRG	1.4	
bis(2-Ethylhexyl)phthalate	28.02	25.00	AVRG	-12.1	
Di-n-octylphthalate	23.84	25.00	AVRG	4.6	20.0
Benzo(b)fluoranthene	25.85	25.00	AVRG	-3.4	
Benzo(k)fluoranthene	24.75	25.00	AVRG	1.0	
Benzo(a)pyrene	25.14	25.00	AVRG	-0.6	20.0
Indeno(1,2,3-cd)pyrene	23.52	25.00	AVRG	5.9	
Dibenzo(a,h)anthracene	24.54	25.00	AVRG	1.8	
Benzo(g,h,i)perylene	22.80	25.00	AVRG	8.8	
2-Fluorophenol	25.20	25.00	AVRG	-0.8	
Phenol-d5	26.14	25.00	AVRG	-4.6	
2-Chlorophenol-d4	24.87	25.00	AVRG	0.5	
1,2-Dichlorobenzene-d4	24.27	25.00	AVRG	2.9	
Nitrobenzene-d5	24.55	25.00	AVRG	1.8	
2-Fluorobiphenyl	23.71	25.00	AVRG	5.2	

(1) Cannot be separated from Diphenylamine

<- Outside QC limits

FORM VII SV-2

7C

SEMIVOLATILE 8270-C CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: IH28 Project: KC FORMER SCOTT MILL

Instrument ID: NT4 Cont. Calib. Date: 08/03/05

Init. Calib. Date: 08/02/05 Cont. Calib. Time: 1603

COMPOUND	CALC AMOUNT	NOM AMOUNT	CURVE	%D	MAX %D
2,4,6-Tribromophenol	26.14	25.00	AVRG	-4.6	
Terphenyl-d14	24.69	25.00	AVRG	1.2	

<- Outside QC limits

FORM VII SV-3

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt4.i
Lab File ID: cc0803.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem3/nt4.i/20050803.b/SW846.m

Injection Date: 03-AUG-2005 16:03
Init. Cal. Date(s): 02-AUG-2005 02-AUG-2005
Init. Cal. Times: 17:35 20:22
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 2-Fluorophenol	1.39965	1.41100	1.41100	0.010	-0.81057	100	Averaged
$ 2 Phenol-d5	1.81369	1.89620	1.89620	0.010	-4.54929	100	Averaged
3 Phenol	2.11337	2.21216	2.21216	0.010	-4.67458	20.00000	Averaged
$ 5 2-Chlorophenol-d4	1.44782	1.44051	1.44051	0.010	0.50504	100	Averaged
4 Bis(2-Chloroethyl)ether	1.66044	1.73679	1.73679	0.010	-4.59804	100	Averaged
6 2-Chlorophenol	1.37677	1.45320	1.45320	0.010	-5.55111	100	Averaged
7 1,3-Dichlorobenzene	1.47420	1.47518	1.47518	0.010	-0.06689	100	Averaged
9 1,4-Dichlorobenzene	1.52407	1.52332	1.52332	0.010	0.04949	20.00000	Averaged
$ 10 1,2-Dichlorobenzene-d4	0.91597	0.88928	0.88928	0.010	2.91385	100	Averaged
12 1,2-Dichlorobenzene	1.40390	1.42219	1.42219	0.010	-1.30286	100	Averaged
11 Benzyl alcohol	13.35922	25.00000	0.48104	0.010	46.56310	100	Linear
14 2,2'-oxybis(1-Chloropropane	1.57343	1.64860	1.64860	0.010	-4.77718	100	Averaged
13 2-Methylphenol	1.30750	1.44824	1.44824	0.010	-10.76391	100	Averaged
17 Hexachloroethane	0.60388	0.61546	0.61546	0.010	-1.91692	100	Averaged
16 N-Nitroso-di-n-propylamine	1.31898	1.39808	1.39808	0.050	-5.99716	100	Averaged
15 4-Methylphenol	1.35401	1.48397	1.48397	0.010	-9.59873	100	Averaged
$ 18 Nitrobenzene-d5	0.53534	0.52560	0.52560	0.010	1.81978	100	Averaged
19 Nitrobenzene	0.54748	0.54649	0.54649	0.010	0.18078	100	Averaged
20 Isophorone	0.90874	0.91950	0.91950	0.010	-1.18419	100	Averaged
21 2-Nitrophenol	0.20173	0.20091	0.20091	0.010	0.40789	20.00000	Averaged
22 2,4-Dimethylphenol	0.40273	0.42733	0.42733	0.010	-6.10912	100	Averaged
23 Bis(2-Chloroethoxy)methane	0.51974	0.51160	0.51160	0.010	1.56633	100	Averaged
24 Benzoic acid	0.30806	0.36238	0.36238	0.010	-17.63079	100	Averaged
25 2,4-Dichlorophenol	0.28122	0.28321	0.28321	0.010	-0.71037	20.00000	Averaged
26 1,2,4-Trichlorobenzene	0.32293	0.31867	0.31867	0.010	1.31810	100	Averaged
28 Naphthalene	1.09521	1.06691	1.06691	0.010	2.58412	100	Averaged
29 4-Chloroaniline	0.44801	0.42890	0.42890	0.010	4.26403	100	Averaged
30 Hexachlorobutadiene	0.16790	0.16053	0.16053	0.010	4.38891	20.00000	Averaged
31 4-Chloro-3-methylphenol	0.34323	0.37213	0.37213	0.010	-8.42173	20.00000	Averaged
32 2-Methylnaphthalene	0.60121	0.60827	0.60827	0.010	-1.17390	100	Averaged
33 Hexachlorocyclopentadiene	0.21483	0.28085	0.28085	0.050	-30.73114	100	Averaged
34 2,4,6-Trichlorophenol	0.36350	0.34431	0.34431	0.010	5.28101	20.00000	Averaged
35 2,4,5-Trichlorophenol	0.36905	0.42328	0.42328	0.010	-14.69202	100	Averaged
$ 36 2-Fluorobiphenyl	1.30510	1.23796	1.23796	0.010	5.14468	100	Averaged
37 2-Chloronaphthalene	1.15103	1.10076	1.10076	0.010	4.36794	100	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt4.i
Lab File ID: cc0803.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem3/nt4.i/20050803.b/SW846.m

Injection Date: 03-AUG-2005 16:03
Init. Cal. Date(s): 02-AUG-2005 02-AUG-2005
Init. Cal. Times: 17:35 20:22
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
38 2-Nitroaniline	0.49179	0.52024	0.52024	0.010	-5.78575	100	Averaged
39 Dimethylphthalate	1.27492	1.26721	1.26721	0.010	0.60466	100	Averaged
40 Acenaphthylene	1.88279	1.86276	1.86276	0.010	1.06361	100	Averaged
41 2,6-Dinitrotoluene	0.29104	0.29455	0.29455	0.010	-1.20840	100	Averaged
43 3-Nitroaniline	0.33237	0.33296	0.33296	0.010	-0.17752	100	Averaged
44 Acenaphthene	1.20725	1.17040	1.17040	0.010	3.05264	20.00000	Averaged
45 2,4-Dinitrophenol	0.13648	0.16992	0.16992	0.050	-24.50314	100	Averaged
46 Dibenzofuran	1.53626	1.53039	1.53039	0.010	0.38190	100	Averaged
47 4-Nitrophenol	0.20130	0.25350	0.25350	0.050	-25.93071	100	Averaged
48 2,4-Dinitrotoluene	0.36796	0.38345	0.38345	0.010	-4.20889	100	Averaged
50 Diethylphthalate	1.27521	1.32162	1.32162	0.010	-3.63879	100	Averaged
49 Fluorene	1.27595	1.27305	1.27305	0.010	0.22748	100	Averaged
51 4-Chlorophenyl-phenylether	0.61419	0.61926	0.61926	0.010	-0.82581	100	Averaged
52 4-Nitroaniline	0.30651	0.24772	0.24772	0.010	19.18160	100	Averaged
53 4,6-Dinitro-2-methylphenol	0.14106	0.14522	0.14522	0.010	-2.94912	100	Averaged
54 N-Nitrosodiphenylamine	0.44545	0.43792	0.43792	0.010	1.69003	20.00000	Averaged
$ 55 2,4,6-Tribromophenol	0.12813	0.13396	0.13396	0.010	-4.54465	100	Averaged
56 4-Bromophenyl-phenylether	0.20735	0.19477	0.19477	0.010	6.06598	100	Averaged
57 Hexachlorobenzene	0.21518	0.19369	0.19369	0.010	9.98593	100	Averaged
58 Pentachlorophenol	0.12366	0.13883	0.13883	0.010	-12.26647	20.00000	Averaged
60 Phenanthrene	1.21620	1.16942	1.16942	0.010	3.84691	100	Averaged
61 Anthracene	1.20760	1.17133	1.17133	0.010	3.00319	100	Averaged
62 Carbazole	0.96163	0.91645	0.91645	0.010	4.69815	100	Averaged
63 Di-n-butylphthalate	1.29315	1.33578	1.33578	0.010	-3.29669	100	Averaged
64 Fluoranthene	1.14892	1.18057	1.18057	0.010	-2.75523	20.00000	Averaged
65 Pyrene	1.56273	1.48421	1.48421	0.010	5.02503	100	Averaged
$ 66 Terphenyl-d14	0.93227	0.92069	0.92069	0.010	1.24174	100	Averaged
67 Butylbenzylphthalate	0.72020	0.74688	0.74688	0.010	-3.70325	100	Averaged
68 Benzo(a)anthracene	1.37640	1.41096	1.41096	0.010	-2.51074	100	Averaged
70 3,3'-Dichlorobenzidine	0.45491	0.42273	0.42273	0.010	7.07395	100	Averaged
71 Chrysene	1.35287	1.33339	1.33339	0.010	1.44039	100	Averaged
72 bis(2-Ethylhexyl)phthalate	0.55072	0.61734	0.61734	0.010	-12.09669	100	Averaged
73 Di-n-octylphthalate	1.04141	0.99323	0.99323	0.010	4.62661	20.00000	Averaged
74 Benzo(b)fluoranthene	1.38079	1.42769	1.42769	0.010	-3.39645	100	Averaged
75 Benzo(k)fluoranthene	1.32194	1.30858	1.30858	0.010	1.01017	100	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt4.i
Lab File ID: cc0803.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem3/nt4.i/20050803.b/SW846.m

Injection Date: 03-AUG-2005 16:03
Init. Cal. Date(s): 02-AUG-2005 02-AUG-2005
Init. Cal. Times: 17:35 20:22
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
76 Benzo(a)pyrene	1.23940	1.24615	1.24615	0.010	-0.54459	20.00000	Averaged	
78 Indeno(1,2,3-cd)pyrene	1.28660	1.21038	1.21038	0.010	5.92426	100	Averaged	
79 Dibenzo(a,h)anthracene	1.20703	1.18465	1.18465	0.010	1.85389	100	Averaged	
80 Benzo(g,h,i)perylene	1.31631	1.20041	1.20041	0.010	8.80464	100	Averaged	
90 N-Nitrosodimethylamine	0.94771	1.11712	1.11712	0.010	-17.87664	100	Averaged	
103 Pyridine	1.48524	1.68951	1.68951	0.010	-13.75316	100	Averaged	
91 Aniline	2.36194	2.37014	2.37014	0.010	-0.34735	100	Averaged	
105 1-methylnaphthalene	0.60971	0.60827	0.60827	0.010	0.23676	100	Averaged	
93 Benzidine	0.33966	0.06623	0.06623	0.010	80.50219	100	Averaged	
98 Retene	0.49033	0.47737	0.47737	0.010	2.64163	100	Averaged	
111 Azobenzene (1,2-DP-Hydrazin	1.86837	1.89159	1.89159	0.010	-1.24250	100	Averaged	
144 alpha-Terpineol	0.16400	0.13610	0.13610	0.010	17.01435	100	Averaged	
143 1,4-Dioxane	++++	++++	++++	0.010	++++	100	Averaged	<-
$ 137 d8-1,4-Dioxane	++++	++++	++++	0.010	++++	100	Averaged	<-
133 Butylatedhydroxytoluene	0.91588	0.93392	0.93392	0.010	-1.97046	100	Averaged	
115 Tributyl Phosphate	1.11379	1.13774	1.13774	0.010	-2.14995	100	Averaged	
116 Dibutyl Phenyl Phosphate	0.57012	0.62525	0.62525	0.010	-9.67040	100	Averaged	
117 Butyl Diphenyl Phosphate	0.33266	0.35431	0.35431	0.010	-6.50631	100	Averaged	
118 Triphenyl Phosphate	0.21208	0.21303	0.21303	0.010	-0.45100	100	Averaged	

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem3/nt4.i/20050803.b/cc0803.d
Lab Smp Id: ABN 25
Inj Date : 03-AUG-2005 16:03
Operator : VS Inst ID: nt4.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20050803.b/SW846.m
Meth Date : 04-Aug-2005 08:41 jeff Quant Type: ISTD
Cal Date : 02-AUG-2005 20:22 Cal File: 0100802.d
Als bottle: 3 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	5.062	5.062	(0.688)	211032	25.0000	25.20
$ 2	Phenol-d5	99	7.071	7.071	(0.961)	283601	25.0000	26.14
3	Phenol	94	7.092	7.092	(0.964)	330856	25.0000	26.17
$ 5	2-Chlorophenol-d4	132	7.055	7.055	(0.959)	215446	25.0000	24.87
4	Bis(2-Chloroethyl)ether	93	7.081	7.081	(0.962)	259758	25.0000	26.15
6	2-Chlorophenol	128	7.081	7.081	(0.962)	217344	25.0000	26.39
7	1,3-Dichlorobenzene	146	7.279	7.279	(0.989)	220632	25.0000	25.02
* 8	1,4-Dichlorobenzene-d4	152	7.359	7.359	(1.000)	119650	20.0000	
9	1,4-Dichlorobenzene	146	7.386	7.386	(1.004)	227831	25.0000	24.99
$ 10	1,2-Dichlorobenzene-d4	152	7.680	7.680	(1.044)	133003	25.0000	24.27
12	1,2-Dichlorobenzene	146	7.701	7.701	(1.046)	212707	25.0000	25.33
11	Benzyl alcohol	108	8.016	8.016	(1.089)	71946	25.0000	13.36 (M)
14	2,2'-oxybis(1-Chloropropane)	45	8.027	8.027	(1.091)	246568	25.0000	26.19
13	2-Methylphenol	108	8.080	8.080	(1.098)	216602	25.0000	27.69
17	Hexachloroethane	117	8.203	8.203	(1.115)	92049	25.0000	25.48
16	N-Nitroso-di-n-propylamine	70	8.278	8.278	(1.125)	209100	25.0000	26.50
15	4-Methylphenol	108	8.348	8.348	(1.134)	221947	25.0000	27.40
$ 18	Nitrobenzene-d5	82	8.401	8.401	(0.872)	297858	25.0000	24.55
19	Nitrobenzene	77	8.433	8.433	(0.875)	309700	25.0000	24.95
20	Isophorone	82	8.850	8.850	(0.918)	521084	25.0000	25.30
21	2-Nitrophenol	139	8.967	8.967	(0.931)	113857	25.0000	24.90
22	2,4-Dimethylphenol	107	9.186	9.186	(0.953)	242170	25.0000	26.53
23	Bis(2-Chloroethoxy)methane	93	9.304	9.304	(0.966)	289923	25.0000	24.61
24	Benzoic acid	105	9.544	9.544	(0.991)	205361	25.0000	29.41 (M)
25	2,4-Dichlorophenol	162	9.389	9.389	(0.974)	160499	25.0000	25.18
26	1,2,4-Trichlorobenzene	180	9.469	9.469	(0.983)	180593	25.0000	24.67
* 27	Naphthalene-d8	136	9.517	9.517	(1.000)	453363	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	9.544	9.544	(0.991)	604622	25.0000	24.35
	29 4-Chloroaniline	127	9.758	9.758	(1.013)	243061	25.0000	23.93
	30 Hexachlorobutadiene	225	9.886	9.886	(1.026)	90971	25.0000	23.90
	31 4-Chloro-3-methylphenol	107	10.650	10.650	(1.105)	210888	25.0000	27.11
	32 2-Methylnaphthalene	141	10.671	10.671	(1.108)	356146	25.0000	26.13 (H)
	33 Hexachlorocyclopentadiene	237	11.051	11.051	(0.894)	89171	25.0000	32.68
	34 2,4,6-Trichlorophenol	196	11.232	11.232	(0.909)	109320	25.0000	23.68
	35 2,4,5-Trichlorophenol	196	11.296	11.296	(0.914)	134393	25.0000	28.67
$	36 2-Fluorobiphenyl	172	11.344	11.344	(0.918)	393060	25.0000	23.71
	37 2-Chloronaphthalene	162	11.441	11.441	(0.926)	349498	25.0000	23.91
	38 2-Nitroaniline	65	11.740	11.740	(0.950)	165180	25.0000	26.45
	39 Dimethylphthalate	163	12.124	12.124	(0.981)	402349	25.0000	24.85
	40 Acenaphthylene	152	12.103	12.103	(0.980)	591441	25.0000	24.73
	41 2,6-Dinitrotoluene	165	12.215	12.215	(0.989)	93523	25.0000	25.30
*	42 Acenaphthene-d10	164	12.354	12.354	(1.000)	254006	20.0000	
	43 3-Nitroaniline	138	12.418	12.418	(1.005)	105716	25.0000	25.04
	44 Acenaphthene	153	12.408	12.408	(1.004)	371611	25.0000	24.24
	45 2,4-Dinitrophenol	184	12.573	12.573	(1.018)	53952	25.0000	31.13
	46 Dibenzofuran	168	12.664	12.664	(1.025)	485910	25.0000	24.90
	47 4-Nitrophenol	109	12.830	12.830	(1.038)	80488	25.0000	31.48
	48 2,4-Dinitrotoluene	165	12.819	12.819	(1.038)	121748	25.0000	26.05
	50 Diethylphthalate	149	13.262	13.262	(1.073)	419623	25.0000	25.91
	49 Fluorene	166	13.209	13.209	(1.069)	404203	25.0000	24.94
	51 4-Chlorophenyl-phenylether	204	13.268	13.268	(1.074)	196619	25.0000	25.21
	52 4-Nitroaniline	138	13.407	13.407	(1.085)	78653	25.0000	20.20
	53 4,6-Dinitro-2-methylphenol	198	13.455	13.455	(0.917)	74268	25.0000	25.74
	54 N-Nitrosodiphenylamine	169	13.497	13.497	(0.920)	223957	25.0000	24.58
$	55 2,4,6-Tribromophenol	330	13.642	13.642	(1.104)	42532	25.0000	26.14
	56 4-Bromophenyl-phenylether	248	14.026	14.026	(0.956)	99608	25.0000	23.48
	57 Hexachlorobenzene	284	14.208	14.208	(0.968)	99055	25.0000	22.50
	58 Pentachlorophenol	266	14.544	14.544	(0.991)	70998	25.0000	28.07
*	59 Phenanthrene-d10	188	14.673	14.673	(1.000)	409127	20.0000	
	60 Phenanthrene	178	14.710	14.710	(1.003)	598050	25.0000	24.04
	61 Anthracene	178	14.779	14.779	(1.007)	599030	25.0000	24.25
	62 Carbazole	167	15.111	15.111	(1.030)	468683	25.0000	23.83
	63 Di-n-butylphthalate	149	15.864	15.864	(1.081)	683130	25.0000	25.82
	64 Fluoranthene	202	16.606	16.606	(1.132)	603755	25.0000	25.69
	65 Pyrene	202	16.943	16.943	(0.896)	628749	25.0000	23.74
$	66 Terphenyl-d14	244	17.317	17.317	(0.916)	390029	25.0000	24.69
	67 Butylbenzylphthalate	149	18.230	18.230	(0.964)	316396	25.0000	25.93
	68 Benzo(a)anthracene	228	18.882	18.882	(0.999)	597719	25.0000	25.63
*	69 Chrysene-d12	240	18.909	18.909	(1.000)	338901	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.957	18.957	(1.003)	179078	25.0000	23.23
	71 Chrysene	228	18.952	18.952	(1.002)	564858	25.0000	24.64
	72 bis(2-Ethylhexyl)phthalate	149	19.229	19.229	(0.954)	471132	25.0000	28.02
*	134 Di-n-octylphthalate-d4	153	20.154	20.154	(1.000)	610532	20.0000	
	73 Di-n-octylphthalate	149	20.164	20.164	(1.001)	758000	25.0000	23.84

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	20.512	20.512	(0.975)	594244	25.0000	25.85
75	Benzo(k)fluoranthene	252	20.549	20.549	(0.977)	544668	25.0000	24.75
76	Benzo(a)pyrene	252	20.944	20.944	(0.996)	518680	25.0000	25.14
* 77	Perylene-d12	264	21.030	21.030	(1.000)	332982	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.355	22.355	(1.063)	503794	25.0000	23.52
79	Dibenzo(a,h)anthracene	278	22.392	22.392	(1.065)	493085	25.0000	24.54
80	Benzo(g,h,i)perylene	276	22.648	22.648	(1.077)	499644	25.0000	22.80
90	N-Nitrosodimethylamine	74	2.279	2.279	(0.310)	167080	25.0000	29.47
103	Pyridine	79	2.247	2.247	(0.305)	252687	25.0000	28.44
91	Aniline	93	6.916	6.916	(0.940)	354484	25.0000	25.09
105	1-methylnaphthalene	141	10.842	10.842	(1.125)	344707	25.0000	24.94
93	Benzidine	184	16.932	16.932	(0.895)	28055	25.0000	4.874
98	Retene	219	17.525	17.525	(0.927)	202228	25.0000	24.34
111	Azobenzene (1,2-DP-Hydrazine)	77	13.508	13.508	(1.093)	600593	25.0000	25.31
144	alpha-Terpineol	59	9.635	9.635	(1.000)	77128	25.0000	20.75
143	1,4-Dioxane	58	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
133	Butylatedhydroxytoluene	205	12.584	12.584	(1.019)	296528	25.0000	25.49
115	Tributyl Phosphate	99	13.663	13.663	(0.931)	581850	25.0000	25.54
116	Dibutyl Phenyl Phosphate	175	15.324	15.324	(1.044)	319757	25.0000	27.42
117	Butyl Diphenyl Phosphate	94	16.964	16.964	(0.897)	150094	25.0000	26.63
118	Triphenyl Phosphate	326	18.535	18.535	(0.980)	90247	25.0000	25.11

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: cc0803.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: VS
Method File: /chem3/nt4.i/20050803.b/SW846.m
Misc Info:

Calibration Date: 03-AUG-2005
Calibration Time: 16:03

Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119650	59825	239300	119650	0.00
27 Naphthalene-d8	453363	226682	906726	453363	0.00
42 Acenaphthene-d10	254006	127003	508012	254006	0.00
59 Phenanthrene-d10	409127	204564	818254	409127	0.00
69 Chrysene-d12	338901	169450	677802	338901	0.00
134 Di-n-octylphthala	610532	305266	1221064	610532	0.00
77 Perylene-d12	332982	166491	665964	332982	0.00

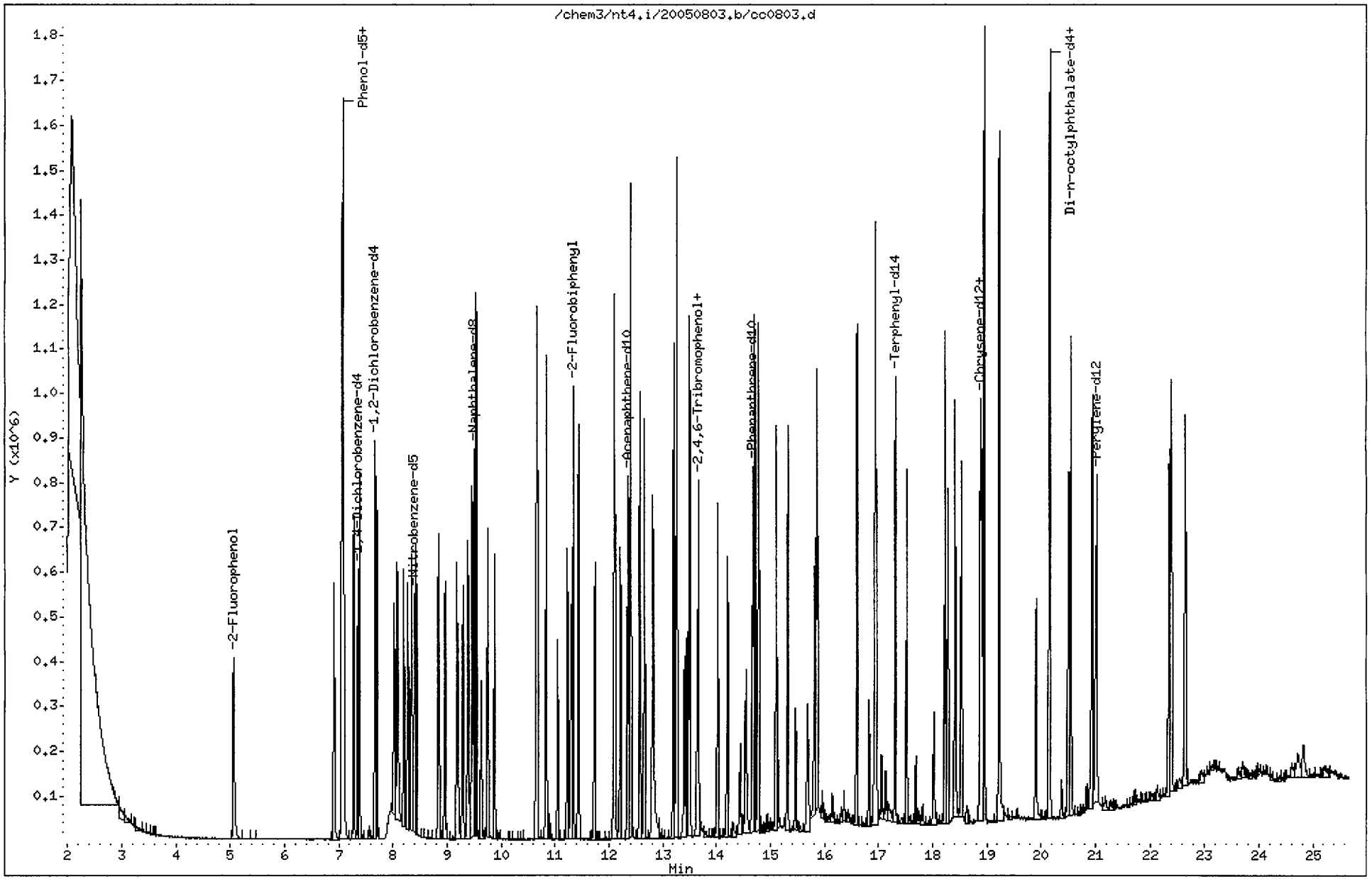
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.36	6.86	7.86	7.36	0.00
27 Naphthalene-d8	9.52	9.02	10.02	9.52	0.00
42 Acenaphthene-d10	12.35	11.85	12.85	12.35	0.00
59 Phenanthrene-d10	14.67	14.17	15.17	14.67	0.00
69 Chrysene-d12	18.91	18.41	19.41	18.91	0.00
134 Di-n-octylphthala	20.15	19.65	20.65	20.15	0.00
77 Perylene-d12	21.03	20.53	21.53	21.03	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/20050803.b/cc0803.d
Date : 03-AUG-2005 16:03
Client ID:
Sample Info: ABN 25

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

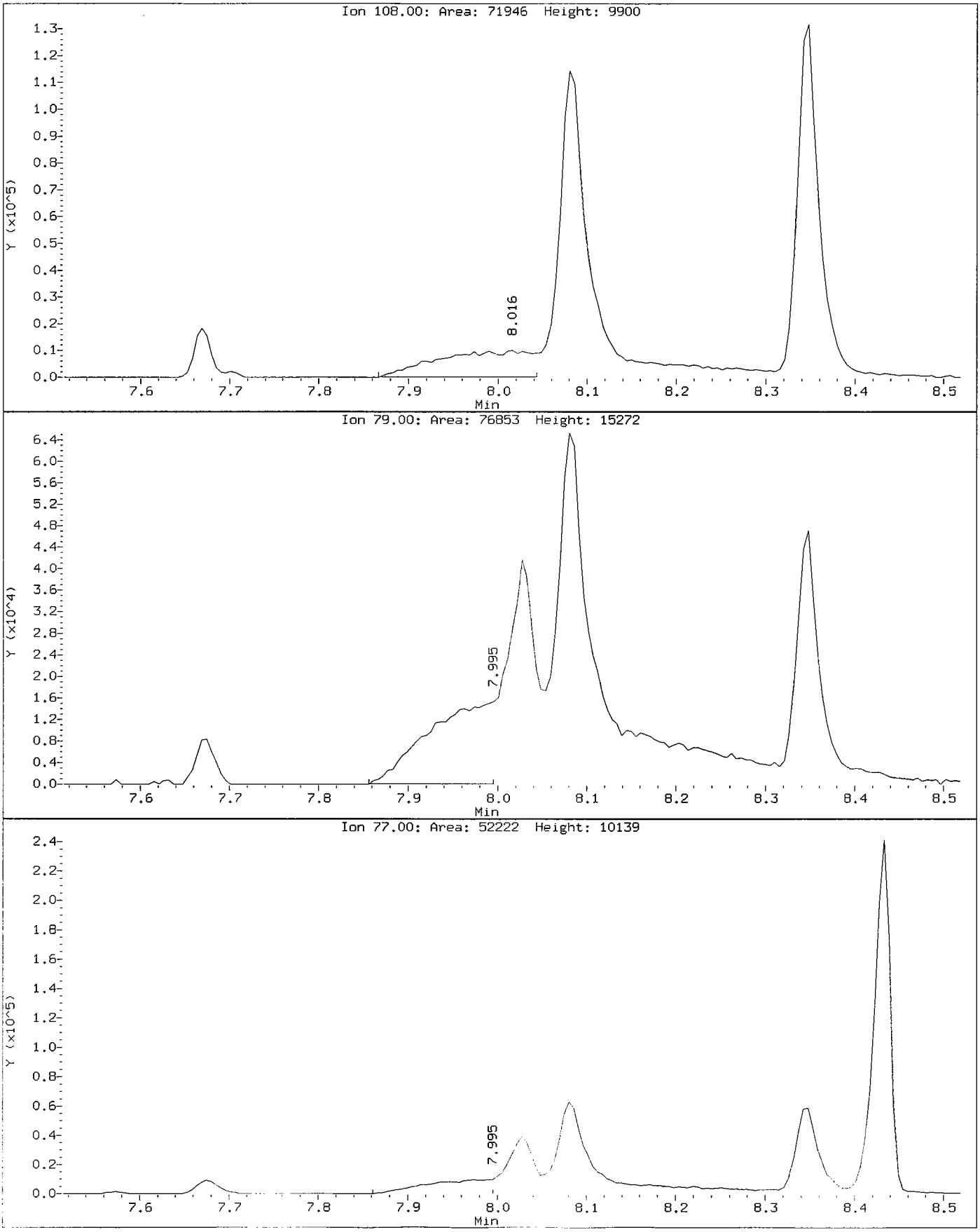
Column phase: RTX-5



000576

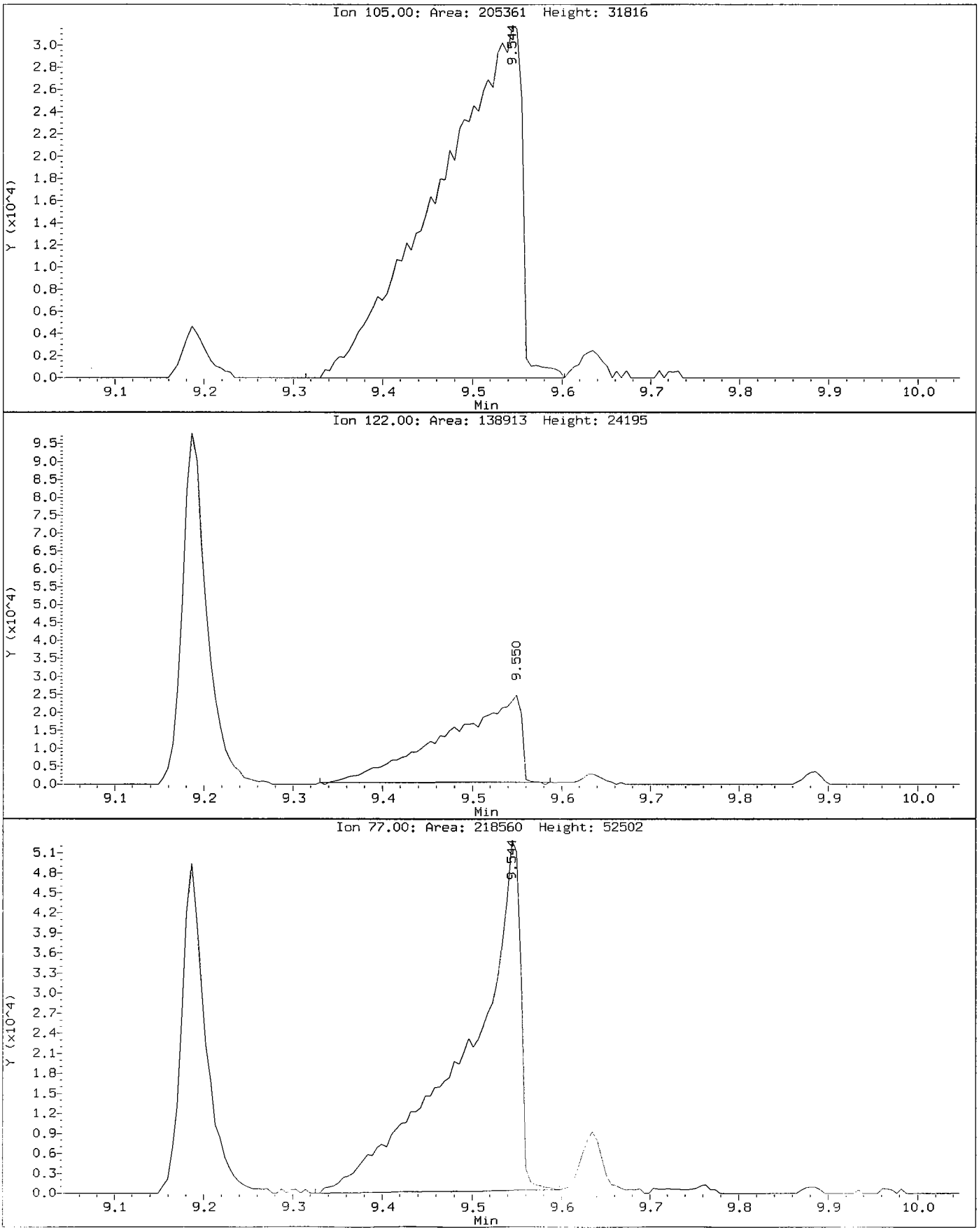
Data File: /chem3/nt4.i/20050803.b/cc0803.d
Injection Date: 03-AUG-2005 16:03
Instrument: nt4.i
Client Sample ID:

Compound: Benzyl alcohol
CAS Number: 100-51-6



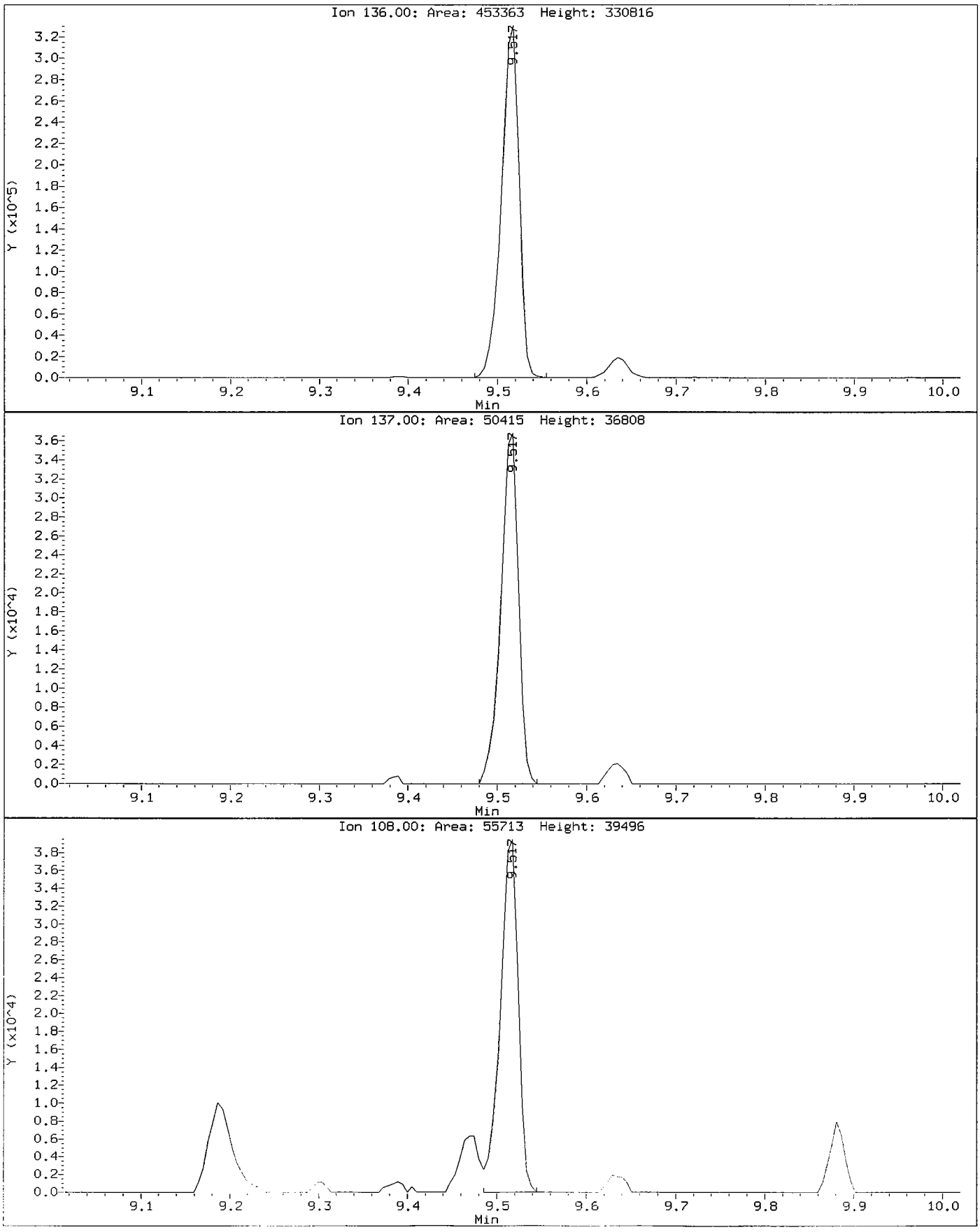
Data File: /chem3/nt4.i/20050803.b/cc0803.d
Injection Date: 03-AUG-2005 16:03
Instrument: nt4.i
Client Sample ID:

Compound: Benzoic acid
CAS Number: 65-85-0



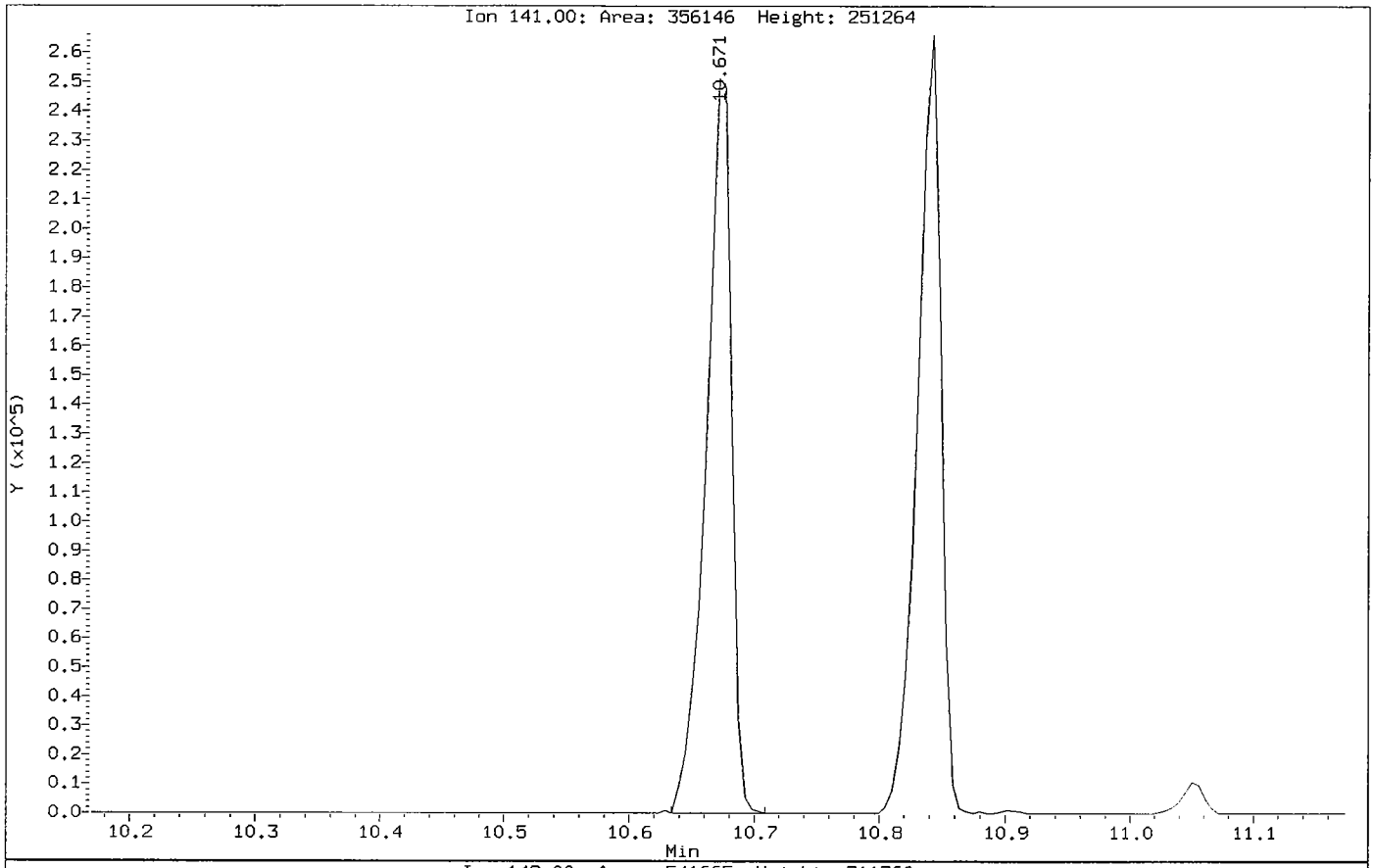
Data File: /chem3/nt4.i/20050803.b/cc0803.d
Injection Date: 03-AUG-2005 16:03
Instrument: nt4.i
Client Sample ID:

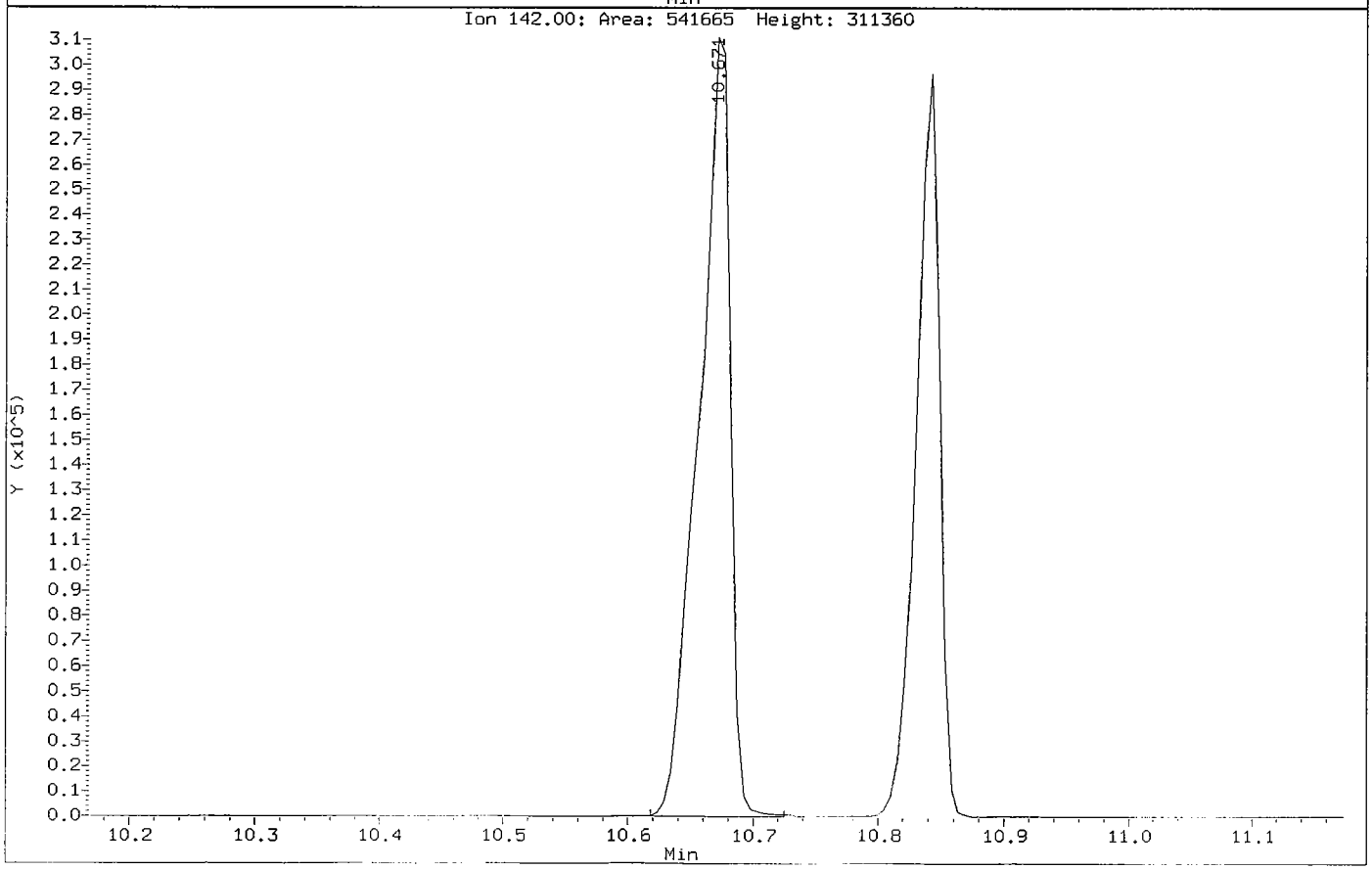
Compound: Naphthalene-d8
CAS Number: 1146-65-2



Data File: /chem3/nt4.i/20050803.b/cc0803.d
Injection Date: 03-AUG-2005 16:03
Instrument: nt4.i
Client Sample ID:

Compound: 2-Methylnaphthalene
CAS Number: 91-57-6





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

Data file: /chem3/nt4.i/20050803.b/ddt.b/cc0803.d
Method: /chem3/nt4.i/20050803.b/ddt.b/sw846ddt.m
Analysis Date: 03-AUG-2005 16:03

ARI ID:
Misc:
Instrument: nt4.i

COMPOUND	RT	AREA
Pentachlorophenol	14.544	68513
Benzidine	16.932	28055
4,4'-DDE	----	----
4,4'-DDD	17.819	7507
4,4'-DDT	18.284	169546

LVR 8/4/05

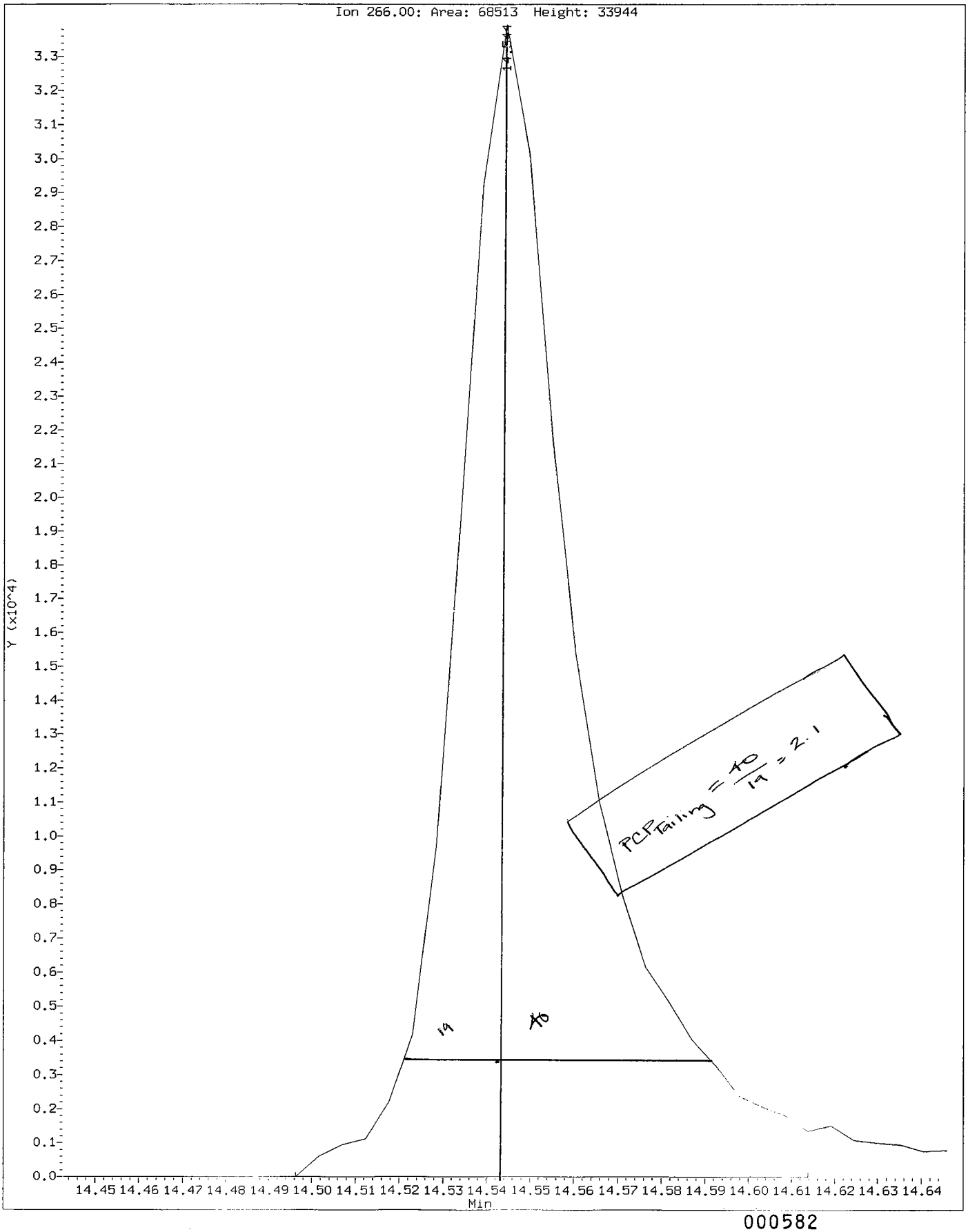
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(0 + 7507) * 100}{(0 + 7507 + 169546)}$$

DDT Percent Breakdown = 4.2 %

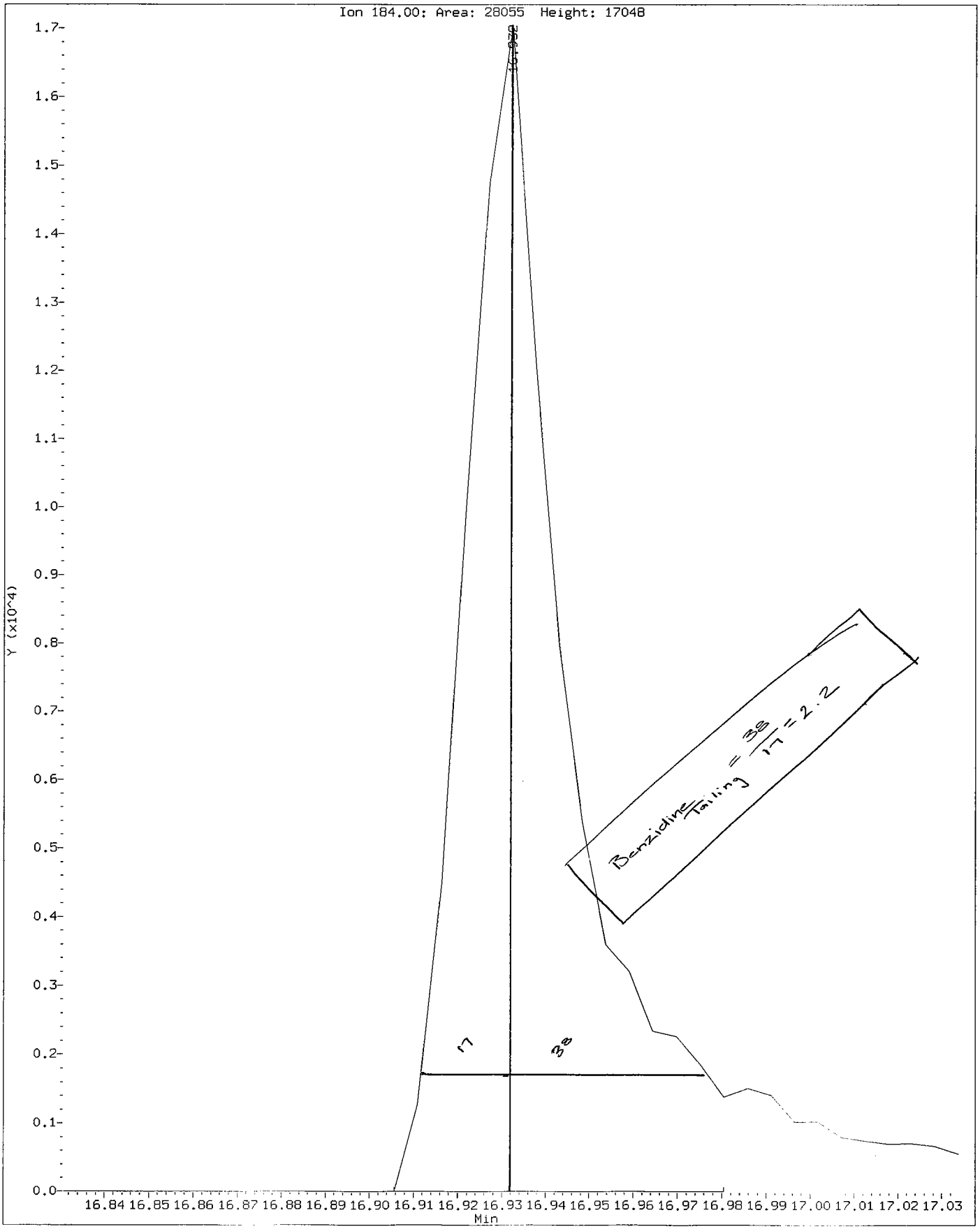
Data File: /chem3/nt4.i/20050803.b/ddt.b/cc0803.d
Injection Date: 03-AUG-2005 16:03
Instrument: nt4.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem3/nt4.i/20050803.b/ddt.b/cc0803.d
Injection Date: 03-AUG-2005 16:03
Instrument: nt4.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: IH28 Project: KC FORMER SCOTT MILL

Instrument ID: NT6 Cont. Calib. Date: 08/05/05

Init. Calib. Date: 07/18/05 Cont. Calib. Time: 1058

COMPOUND	CALC AMOUNT	NOM AMOUNT	CURVE	%D	MAX %D
Phenol	25.49	25.00	AVRG	-2.0	20.0
Bis(2-Chloroethyl)ether	24.06	25.00	AVRG	3.8	
2-Chlorophenol	25.37	25.00	AVRG	-1.5	
1,3-Dichlorobenzene	24.48	25.00	AVRG	2.1	
1,4-Dichlorobenzene	24.48	25.00	AVRG	2.1	20.0
1,2-Dichlorobenzene	25.51	25.00	2ORDR	-2.0	
Benzyl alcohol	19.47	25.00	AVRG	22.1	
2,2'-oxybis(1-Chloropropane)	23.91	25.00	AVRG	4.4	
2-Methylphenol	26.53	25.00	AVRG	-6.1	
Hexachloroethane	27.71	25.00	AVRG	-10.8	
N-Nitroso-di-n-propylamine	26.59	25.00	AVRG	-6.4	
4-Methylphenol	27.83	25.00	AVRG	-11.3	
Nitrobenzene	25.55	25.00	AVRG	-2.2	
Isophorone	24.79	25.00	AVRG	0.8	
2-Nitrophenol	26.88	25.00	AVRG	-7.5	20.0
2,4-Dimethylphenol	26.45	25.00	AVRG	-5.8	
Bis(2-Chloroethoxy)methane	24.04	25.00	AVRG	3.8	
2,4-Dichlorophenol	25.16	25.00	AVRG	-0.6	20.0
1,2,4-Trichlorobenzene	23.61	25.00	AVRG	5.6	
Naphthalene	23.91	25.00	AVRG	4.4	
Benzoic acid	28.32	25.00	AVRG	-13.3	
4-Chloroaniline	24.31	25.00	AVRG	2.8	
Hexachlorobutadiene	24.62	25.00	AVRG	1.5	20.0
4-Chloro-3-methylphenol	26.57	25.00	AVRG	-6.3	20.0
2-Methylnaphthalene	23.65	25.00	AVRG	5.4	
Hexachlorocyclopentadiene	17.96	25.00	AVRG	28.2	
2,4,6-Trichlorophenol	24.45	25.00	AVRG	2.2	20.0
2,4,5-Trichlorophenol	24.46	25.00	AVRG	2.2	
2-Chloronaphthalene	27.56	25.00	2ORDR	-10.2	
2-Nitroaniline	26.45	25.00	AVRG	-5.8	
Acenaphthylene	22.97	25.00	AVRG	8.1	
Dimethylphthalate	23.01	25.00	AVRG	8.0	
2,6-Dinitrotoluene	25.61	25.00	AVRG	-2.4	
Acenaphthene	22.77	25.00	AVRG	8.9	20.0
3-Nitroaniline	25.01	25.00	AVRG	-0.0	
2,4-Dinitrophenol	20.82	25.00	LINR	16.7	
Dibenzofuran	23.14	25.00	AVRG	7.4	

<- Outside QC limits

FORM VII SV-1

7C

SEMIVOLATILE 8270-C CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: IH28 Project: KC FORMER SCOTT MILL

Instrument ID: NT6 Cont. Calib. Date: 08/05/05

Init. Calib. Date: 07/18/05 Cont. Calib. Time: 1058

COMPOUND	CALC AMOUNT	NOM AMOUNT	CURVE	%D	MAX %D
4-Nitrophenol	30.84	25.00	AVRG	-23.4	
2,4-Dinitrotoluene	25.38	25.00	AVRG	-1.5	
Fluorene	23.36	25.00	2ORDR	6.6	
4-Chlorophenyl-phenylether	23.49	25.00	AVRG	6.0	
Diethylphthalate	24.50	25.00	AVRG	2.0	
4-Nitroaniline	23.28	25.00	AVRG	6.9	
4,6-Dinitro-2-methylphenol	24.30	25.00	AVRG	2.8	
N-Nitrosodiphenylamine(1)	24.08	25.00	AVRG	3.7	
4-Bromophenyl-phenylether	23.76	25.00	AVRG	5.0	
Hexachlorobenzene	23.77	25.00	AVRG	4.9	
Pentachlorophenol	27.71	25.00	AVRG	-10.8	20.0
Phenanthrene	27.10	25.00	2ORDR	-8.4	
Anthracene	23.34	25.00	AVRG	6.6	
Carbazole	22.38	25.00	AVRG	10.5	
Di-n-butylphthalate	24.60	25.00	AVRG	1.6	
Fluoranthene	22.95	25.00	AVRG	8.2	20.0
Pyrene	22.49	25.00	AVRG	10.0	
Butylbenzylphthalate	23.87	25.00	AVRG	4.5	
Benzo(a)anthracene	22.06	25.00	AVRG	11.8	
3,3'-Dichlorobenzidine	22.59	25.00	AVRG	9.6	
Chrysene	20.87	25.00	AVRG	16.5	
bis(2-Ethylhexyl)phthalate	24.73	25.00	AVRG	1.1	
Di-n-octylphthalate	23.54	25.00	AVRG	5.8	20.0
Benzo(b)fluoranthene	22.60	25.00	AVRG	9.6	
Benzo(k)fluoranthene	22.04	25.00	2ORDR	11.8	
Benzo(a)pyrene	23.80	25.00	AVRG	4.8	20.0
Indeno(1,2,3-cd)pyrene	26.72	25.00	2ORDR	-6.9	
Dibenzo(a,h)anthracene	31.12	25.00	2ORDR	-24.5	
Benzo(g,h,i)perylene	29.56	25.00	2ORDR	-18.2	
2-Fluorophenol	24.52	25.00	AVRG	1.9	
Phenol-d5	23.90	25.00	AVRG	4.4	
2-Chlorophenol-d4	24.59	25.00	AVRG	1.6	
1,2-Dichlorobenzene-d4	25.14	25.00	AVRG	-0.6	
Nitrobenzene-d5	25.55	25.00	AVRG	-2.2	
2-Fluorobiphenyl	23.58	25.00	AVRG	5.7	

(1) Cannot be separated from Diphenylamine

<- Outside QC limits

FORM VII SV-2

7C

SEMIVOLATILE 8270-C CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: IH28 Project: KC FORMER SCOTT MILL

Instrument ID: NT6 Cont. Calib. Date: 08/05/05

Init. Calib. Date: 07/18/05 Cont. Calib. Time: 1058

COMPOUND	CALC AMOUNT	NOM AMOUNT	CURVE	%D	MAX %D
2,4,6-Tribromophenol	26.28	25.00	AVRG	-5.1	
Terphenyl-d14	22.46	25.00	AVRG	10.2	

<- Outside QC limits

FORM VII SV-3

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i
Lab File ID: cc0805.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem1/nt6.i/20050805.b/SW846.m

Injection Date: 05-AUG-2005 10:58
Init. Cal. Date(s): 18-JUL-2005 18-JUL-2005
Init. Cal. Times: 12:01 17:57
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 2-Fluorophenol	1.41254	1.38563	1.38563	0.010	1.90467	100	Averaged
$ 2 Phenol-d5	1.64171	1.56971	1.56971	0.010	4.38550	100	Averaged
3 Phenol	1.85825	1.89442	1.89442	0.010	-1.94656	20.00000	Averaged
$ 5 2-Chlorophenol-d4	1.30190	1.28036	1.28036	0.010	1.65494	100	Averaged
4 Bis(2-Chloroethyl)ether	1.55414	1.49601	1.49601	0.010	3.74070	100	Averaged
6 2-Chlorophenol	1.40455	1.42514	1.42514	0.010	-1.46551	100	Averaged
7 1,3-Dichlorobenzene	1.50202	1.47054	1.47054	0.010	2.09581	100	Averaged
9 1,4-Dichlorobenzene	1.52046	1.48864	1.48864	0.010	2.09246	20.00000	Averaged
$ 10 1,2-Dichlorobenzene-d4	0.84815	0.85286	0.85286	0.010	-0.55485	100	Averaged
12 1,2-Dichlorobenzene	25.50745	25.00000	1.37272	0.010	-2.02978	100	Quadratic
11 Benzyl alcohol	0.93466	0.72787	0.72787	0.010	22.12513	100	Averaged
14 2,2'-oxybis(1-Chloropropane	2.36776	2.26441	2.26441	0.010	4.36497	100	Averaged
13 2-Methylphenol	1.28058	1.35883	1.35883	0.010	-6.11016	100	Averaged
17 Hexachloroethane	0.53056	0.58811	0.58811	0.010	-10.84766	100	Averaged
16 N-Nitroso-di-n-propylamine	1.09127	1.16089	1.16089	0.050	-6.37939	100	Averaged
15 4-Methylphenol	1.25150	1.39321	1.39321	0.010	-11.32369	100	Averaged
$ 18 Nitrobenzene-d5	0.46070	0.47091	0.47091	0.010	-2.21618	100	Averaged
19 Nitrobenzene	0.46293	0.47316	0.47316	0.010	-2.20859	100	Averaged
20 Isophorone	0.81364	0.80688	0.80688	0.010	0.83123	100	Averaged
21 2-Nitrophenol	0.18850	0.20266	0.20266	0.010	-7.51189	20.00000	Averaged
22 2,4-Dimethylphenol	0.37631	0.39812	0.39812	0.010	-5.79621	100	Averaged
23 Bis(2-Chloroethoxy)methane	0.50750	0.48806	0.48806	0.010	3.83172	100	Averaged
24 Benzoic acid	0.24709	0.27988	0.27988	0.010	-13.27074	100	Averaged
25 2,4-Dichlorophenol	0.28339	0.28525	0.28525	0.010	-0.65774	20.00000	Averaged
26 1,2,4-Trichlorobenzene	0.30509	0.28815	0.28815	0.010	5.55451	100	Averaged
28 Naphthalene	1.14232	1.09243	1.09243	0.010	4.36737	100	Averaged
29 4-Chloroaniline	0.46541	0.45248	0.45248	0.010	2.77717	100	Averaged
30 Hexachlorobutadiene	0.14344	0.14124	0.14124	0.010	1.53469	20.00000	Averaged
31 4-Chloro-3-methylphenol	0.30690	0.32612	0.32612	0.010	-6.26421	20.00000	Averaged
32 2-Methylnaphthalene	0.58009	0.54884	0.54884	0.010	5.38618	100	Averaged
33 Hexachlorocyclopentadiene	0.18228	0.13096	0.13096	0.050	28.15539	100	Averaged
34 2,4,6-Trichlorophenol	0.33807	0.33064	0.33064	0.010	2.19810	20.00000	Averaged
35 2,4,5-Trichlorophenol	0.36234	0.35459	0.35459	0.010	2.14063	100	Averaged
$ 36 2-Fluorobiphenyl	1.34157	1.26519	1.26519	0.010	5.69387	100	Averaged
37 2-Chloronaphthalene	27.55742	25.00000	1.12570	0.010	-10.22969	100	Quadratic

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i
Lab File ID: cc0805.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem1/nt6.i/20050805.b/SW846.m

Injection Date: 05-AUG-2005 10:58
Init. Cal. Date(s): 18-JUL-2005 18-JUL-2005
Init. Cal. Times: 12:01 17:57
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
38 2-Nitroaniline	0.42915	0.45411	0.45411	0.010	-5.81667	100	Averaged
39 Dimethylphthalate	1.27960	1.17771	1.17771	0.010	7.96253	100	Averaged
40 Acenaphthylene	1.91391	1.75869	1.75869	0.010	8.11049	100	Averaged
41 2,6-Dinitrotoluene	0.28946	0.29656	0.29656	0.010	-2.45371	100	Averaged
43 3-Nitroaniline	0.31190	0.31201	0.31201	0.010	-0.03548	100	Averaged
44 Acenaphthene	1.20355	1.09626	1.09626	0.010	8.91520	20.00000	Averaged
45 2,4-Dinitrophenol	20.82011	25.00000	0.05101	0.050	16.71955	100	Linear
46 Dibenzofuran	1.61562	1.49538	1.49538	0.010	7.44214	100	Averaged
47 4-Nitrophenol	0.13588	0.16765	0.16765	0.050	-23.38167	100	Averaged
48 2,4-Dinitrotoluene	0.36357	0.36915	0.36915	0.010	-1.53518	100	Averaged
50 Diethylphthalate	1.19216	1.16847	1.16847	0.010	1.98725	100	Averaged
49 Fluorene	23.35764	25.00000	1.21110	0.010	6.56946	100	Quadratic
51 4-Chlorophenyl-phenylether	0.58259	0.54732	0.54732	0.010	6.05429	100	Averaged
52 4-Nitroaniline	0.32130	0.29923	0.29923	0.010	6.86747	100	Averaged
53 4,6-Dinitro-2-methylphenol	0.10625	0.10326	0.10326	0.010	2.81828	100	Averaged
54 N-Nitrosodiphenylamine	0.52247	0.50321	0.50321	0.010	3.68761	20.00000	Averaged
$ 55 2,4,6-Tribromophenol	0.13452	0.14139	0.14139	0.010	-5.10433	100	Averaged
56 4-Bromophenyl-phenylether	0.22108	0.21009	0.21009	0.010	4.97231	100	Averaged
57 Hexachlorobenzene	0.22387	0.21286	0.21286	0.010	4.91501	100	Averaged
58 Pentachlorophenol	0.11390	0.12623	0.12623	0.010	-10.82847	20.00000	Averaged
60 Phenanthrene	27.09948	25.00000	1.14295	0.010	-8.39792	100	Quadratic
61 Anthracene	1.23778	1.15577	1.15577	0.010	6.62542	100	Averaged
62 Carbazole	1.13917	1.01989	1.01989	0.010	10.47117	100	Averaged
63 Di-n-butylphthalate	1.34962	1.32829	1.32829	0.010	1.58071	100	Averaged
64 Fluoranthene	1.20317	1.10441	1.10441	0.010	8.20858	20.00000	Averaged
65 Pyrene	1.73363	1.55949	1.55949	0.010	10.04519	100	Averaged
$ 66 Terphenyl-d14	1.07544	0.96600	0.96600	0.010	10.17605	100	Averaged
67 Butylbenzylphthalate	0.83601	0.79827	0.79827	0.010	4.51350	100	Averaged
68 Benzo(a)anthracene	1.50971	1.33219	1.33219	0.010	11.75839	100	Averaged
70 3,3'-Dichlorobenzidine	0.52925	0.47821	0.47821	0.010	9.64265	100	Averaged
71 Chrysene	1.46215	1.22033	1.22033	0.010	16.53842	100	Averaged
72 bis(2-Ethylhexyl)phthalate	0.58420	0.57780	0.57780	0.010	1.09651	100	Averaged
73 Di-n-octylphthalate	1.05000	0.98852	0.98852	0.010	5.85560	20.00000	Averaged
74 Benzo(b)fluoranthene	1.39134	1.25758	1.25758	0.010	9.61340	100	Averaged
75 Benzo(k)fluoranthene	22.04203	25.00000	1.19794	0.010	11.83189	100	Quadratic

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i
Lab File ID: cc0805.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem1/nt6.i/20050805.b/SW846.m

Injection Date: 05-AUG-2005 10:58
Init. Cal. Date(s): 18-JUL-2005 18-JUL-2005
Init. Cal. Times: 12:01 17:57
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
76 Benzo(a)pyrene	1.22389	1.16492	1.16492	0.010	4.81775	20.00000	Averaged	
78 Indeno(1,2,3-cd)pyrene	26.71651	25.00000	1.31000	0.010	-6.86603	100	Quadratic	
79 Dibenzo(a,h)anthracene	31.12112	25.00000	1.19122	0.010	-24.48448	100	Quadratic	
80 Benzo(g,h,i)perylene	29.56018	25.00000	1.29538	0.010	-18.24071	100	Quadratic	
90 N-Nitrosodimethylamine	1.06860	0.00304	0.00304	0.010	100	100	Averaged	<-
103 Pyridine	1.98401	++++	++++	0.010	++++	100	Averaged	<-
91 Aniline	2.41888	1.49603	1.49603	0.010	38.15208	100	Averaged	
105 1-methylnaphthalene	0.58821	0.56270	0.56270	0.010	4.33688	100	Averaged	
93 Benzidine	0.70207	0.33086	0.33086	0.010	52.87390	100	Averaged	
98 Retene	0.54100	0.48885	0.48885	0.010	9.63842	100	Averaged	
111 Azobenzene (1,2-DP-Hydrazin	1.56532	1.55604	1.55604	0.010	0.59270	100	Averaged	
144 alpha-Terpineol	0.22706	0.16388	0.16388	0.010	27.82598	100	Averaged	
143 1,4-Dioxane	0.50175	0.00170	0.00170	0.010	100	100	Averaged	<-
$ 145 d8-1,4-Dioxane	0.79177	0.00113	0.00113	0.010	100	100	Averaged	<-
133 Butylatedhydroxytoluene	22.44848	25.00000	0.80764	0.010	10.20610	100	Quadratic	
115 Tributyl Phosphate	1.06993	1.15526	1.15526	0.010	-7.97518	100	Averaged	
116 Dibutyl Phenyl Phosphate	0.61195	0.63497	0.63497	0.010	-3.76128	100	Averaged	
117 Butyl Diphenyl Phosphate	0.32784	0.34354	0.34354	0.010	-4.78799	100	Averaged	
118 Triphenyl Phosphate	0.27171	0.25409	0.25409	0.010	6.48715	100	Averaged	

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem1/nt6.i/20050805.b/cc0805.d
Lab Smp Id: ABN 25
Inj Date : 05-AUG-2005 10:58
Operator : LJR/VS Inst ID: nt6.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20050805.b/SW846.m
Meth Date : 05-Aug-2005 14:45 jeff Quant Type: ISTD
Cal Date : 18-JUL-2005 15:41 Cal File: 0800718.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)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.155	5.155	(0.732)	227902	25.0000	24.52
$	2 Phenol-d5	99	6.731	6.731	(0.955)	258178	25.0000	23.90
	3 Phenol	94	6.752	6.752	(0.958)	311585	25.0000	25.49
$	5 2-Chlorophenol-d4	132	6.773	6.773	(0.961)	210587	25.0000	24.59
	4 Bis(2-Chloroethyl)ether	93	6.768	6.768	(0.961)	246056	25.0000	24.06
	6 2-Chlorophenol	128	6.800	6.800	(0.965)	234400	25.0000	25.37
	7 1,3-Dichlorobenzene	146	6.982	6.982	(0.991)	241867	25.0000	24.48
*	8 1,4-Dichlorobenzene-d4	152	7.046	7.046	(1.000)	131580	20.0000	
	9 1,4-Dichlorobenzene	146	7.072	7.072	(1.004)	244845	25.0000	24.48
$	10 1,2-Dichlorobenzene-d4	152	7.340	7.340	(1.042)	140273	25.0000	25.14
	12 1,2-Dichlorobenzene	146	7.361	7.361	(1.045)	225778	25.0000	25.51
	11 Benzyl alcohol	108	7.388	7.388	(1.049)	119716	25.0000	19.47
	14 2,2'-oxybis(1-Chloropropane)	45	7.623	7.623	(1.082)	372439	25.0000	23.91
	13 2-Methylphenol	108	7.649	7.649	(1.086)	223493	25.0000	26.53
	17 Hexachloroethane	117	7.826	7.826	(1.111)	96730	25.0000	27.71
	16 N-Nitroso-di-n-propylamine	70	7.852	7.852	(1.114)	190937	25.0000	26.59
	15 4-Methylphenol	108	7.895	7.895	(1.121)	229149	25.0000	27.83
$	18 Nitrobenzene-d5	82	7.997	7.997	(0.881)	272233	25.0000	25.55
	19 Nitrobenzene	77	8.023	8.023	(0.884)	273531	25.0000	25.55
	20 Isophorone	82	8.408	8.408	(0.926)	466456	25.0000	24.79
	21 2-Nitrophenol	139	8.536	8.536	(0.941)	117158	25.0000	26.88
	22 2,4-Dimethylphenol	107	8.707	8.707	(0.959)	230155	25.0000	26.45
	23 Bis(2-Chloroethoxy)methane	93	8.825	8.825	(0.972)	282145	25.0000	24.04
	24 Benzoic acid	105	9.017	9.017	(0.994)	161800	25.0000	28.32
	25 2,4-Dichlorophenol	162	8.937	8.937	(0.985)	164904	25.0000	25.16
	26 1,2,4-Trichlorobenzene	180	9.028	9.028	(0.995)	166578	25.0000	23.61
*	27 Naphthalene-d8	136	9.076	9.076	(1.000)	462479	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.108	9.108	(1.004)	631534	25.0000	23.91
	29 4-Chloroaniline	127	9.295	9.295	(1.024)	261579	25.0000	24.31
	30 Hexachlorobutadiene	225	9.423	9.423	(1.038)	81650	25.0000	24.62
	31 4-Chloro-3-methylphenol	107	10.149	10.149	(1.118)	188530	25.0000	26.57
	32 2-Methylnaphthalene	141	10.214	10.214	(1.125)	317286	25.0000	23.65
	33 Hexachlorocyclopentadiene	237	10.582	10.582	(0.890)	40201	25.0000	17.96
	34 2,4,6-Trichlorophenol	196	10.758	10.758	(0.904)	101501	25.0000	24.45
	35 2,4,5-Trichlorophenol	196	10.823	10.823	(0.910)	108852	25.0000	24.46
$	36 2-Fluorobiphenyl	172	10.865	10.865	(0.913)	388395	25.0000	23.58
	37 2-Chloronaphthalene	162	10.978	10.978	(0.923)	345575	25.0000	27.56
	38 2-Nitroaniline	65	11.261	11.261	(0.947)	139405	25.0000	26.45
	39 Dimethylphthalate	163	11.629	11.629	(0.978)	361540	25.0000	23.01
	40 Acenaphthylene	152	11.645	11.645	(0.979)	539893	25.0000	22.97
	41 2,6-Dinitrotoluene	165	11.725	11.725	(0.986)	91040	25.0000	25.61
*	42 Acenaphthene-d10	164	11.896	11.896	(1.000)	245589	20.0000	
	43 3-Nitroaniline	138	11.934	11.934	(1.003)	95784	25.0000	25.01
	44 Acenaphthene	153	11.944	11.944	(1.004)	336535	25.0000	22.77
	45 2,4-Dinitrophenol	184	12.099	12.099	(1.017)	15659	25.0000	20.82
	46 Dibenzofuran	168	12.201	12.201	(1.026)	459061	25.0000	23.14
	47 4-Nitrophenol	109	12.329	12.329	(1.036)	51465	25.0000	30.85
	48 2,4-Dinitrotoluene	165	12.340	12.340	(1.037)	113323	25.0000	25.38
	50 Diethylphthalate	149	12.767	12.767	(1.073)	358704	25.0000	24.50
	49 Fluorene	166	12.751	12.751	(1.072)	371791	25.0000	23.36
	51 4-Chlorophenyl-phenylether	204	12.794	12.794	(1.075)	168019	25.0000	23.49
	52 4-Nitroaniline	138	12.927	12.927	(1.087)	91859	25.0000	23.28
	53 4,6-Dinitro-2-methylphenol	198	12.981	12.981	(0.912)	43012	25.0000	24.30
	54 N-Nitrosodiphenylamine	169	13.018	13.018	(0.915)	209609	25.0000	24.08
$	55 2,4,6-Tribromophenol	330	13.184	13.184	(1.108)	43404	25.0000	26.28
	56 4-Bromophenyl-phenylether	248	13.558	13.558	(0.953)	87512	25.0000	23.76
	57 Hexachlorobenzene	284	13.755	13.755	(0.967)	88667	25.0000	23.77
	58 Pentachlorophenol	266	14.081	14.081	(0.990)	52582	25.0000	27.71
*	59 Phenanthrene-d10	188	14.226	14.226	(1.000)	333237	20.0000	
	60 Phenanthrene	178	14.263	14.263	(1.003)	476092	25.0000	27.10
	61 Anthracene	178	14.332	14.332	(1.008)	481433	25.0000	23.34
	62 Carbazole	167	14.653	14.653	(1.030)	424830	25.0000	22.38
	63 Di-n-butylphthalate	149	15.374	15.374	(1.081)	553294	25.0000	24.60
	64 Fluoranthene	202	16.170	16.170	(1.137)	460039	25.0000	22.95
	65 Pyrene	202	16.517	16.517	(0.893)	473722	25.0000	22.49
$	66 Terphenyl-d14	244	16.859	16.859	(0.912)	293439	25.0000	22.46
	67 Butylbenzylphthalate	149	17.757	17.757	(0.960)	242489	25.0000	23.87
	68 Benzo(a)anthracene	228	18.456	18.456	(0.998)	404676	25.0000	22.06
*	69 Chrysene-d12	240	18.489	18.489	(1.000)	243014	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.510	18.510	(1.001)	145265	25.0000	22.59
	71 Chrysene	228	18.526	18.526	(1.002)	370697	25.0000	20.87
	72 bis(2-Ethylhexyl)phthalate	149	18.740	18.740	(0.953)	352897	25.0000	24.73
*	134 Di-n-octylphthalate-d4	153	19.664	19.664	(1.000)	488611	20.0000	
	73 Di-n-octylphthalate	149	19.675	19.675	(1.001)	603750	25.0000	23.54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	20.097	20.097	(0.975)	491408	25.0000	22.60
75	Benzo(k)fluoranthene	252	20.134	20.134	(0.976)	468103	25.0000	22.04
76	Benzo(a)pyrene	252	20.535	20.535	(0.996)	455201	25.0000	23.80
* 77	Perylene-d12	264	20.620	20.620	(1.000)	312604	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	21.966	21.966	(1.065)	511892	25.0000	26.72
79	Dibenzo(a,h)anthracene	278	21.993	21.993	(1.067)	465477	25.0000	31.12
80	Benzo(g,h,i)perylene	276	22.287	22.287	(1.081)	506179	25.0000	29.56
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
91	Aniline	93	6.768	6.768	(0.961)	246059	25.0000	15.46
105	1-methylnaphthalene	141	10.379	10.379	(1.144)	325297	25.0000	23.92
93	Benzidine	184	16.475	16.475	(0.891)	100503	25.0000	11.78
98	Retene	219	17.084	17.084	(0.924)	148498	25.0000	22.59
111	Azobenzene (1,2-DP-Hydrazine)	77	13.040	13.040	(1.096)	477684	25.0000	24.85
144	alpha-Terpineol	59	9.156	9.156	(1.009)	94736	25.0000	18.04
143	1,4-Dioxane	58	3.012	3.012	(0.428)	279	25.0000	0.08469
$ 145	d8-1,4-Dioxane	96	3.274	3.274	(0.465)	185	25.0000	0.03562
133	Butylatedhydroxytoluene	205	12.094	12.094	(1.017)	247934	25.0000	22.45
115	Tributyl Phosphate	99	13.146	13.146	(0.924)	481219	25.0000	26.99
116	Dibutyl Phenyl Phosphate	175	14.829	14.829	(1.042)	264494	25.0000	25.94
117	Butyl Diphenyl Phosphate	94	16.485	16.485	(0.892)	104355	25.0000	26.20
118	Triphenyl Phosphate	326	18.061	18.061	(0.977)	77183	25.0000	23.38

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: cc0805.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VS
Method File: /chem1/nt6.i/20050805.b/SW846.m
Misc Info:

Calibration Date: 05-AUG-2005
Calibration Time: 10:58

Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	131580	65790	263160	131580	0.00
27 Naphthalene-d8	462479	231240	924958	462479	0.00
42 Acenaphthene-d10	245589	122794	491178	245589	0.00
59 Phenanthrene-d10	333237	166618	666474	333237	0.00
69 Chrysene-d12	243014	121507	486028	243014	0.00
134 Di-n-octylphthala	488611	244306	977222	488611	0.00
77 Perylene-d12	312604	156302	625208	312604	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.05	6.55	7.55	7.05	0.00
27 Naphthalene-d8	9.08	8.58	9.58	9.08	0.00
42 Acenaphthene-d10	11.90	11.40	12.40	11.90	0.00
59 Phenanthrene-d10	14.23	13.73	14.73	14.23	0.00
69 Chrysene-d12	18.49	17.99	18.99	18.49	0.00
134 Di-n-octylphthala	19.66	19.16	20.16	19.66	0.00
77 Perylene-d12	20.62	20.12	21.12	20.62	0.00

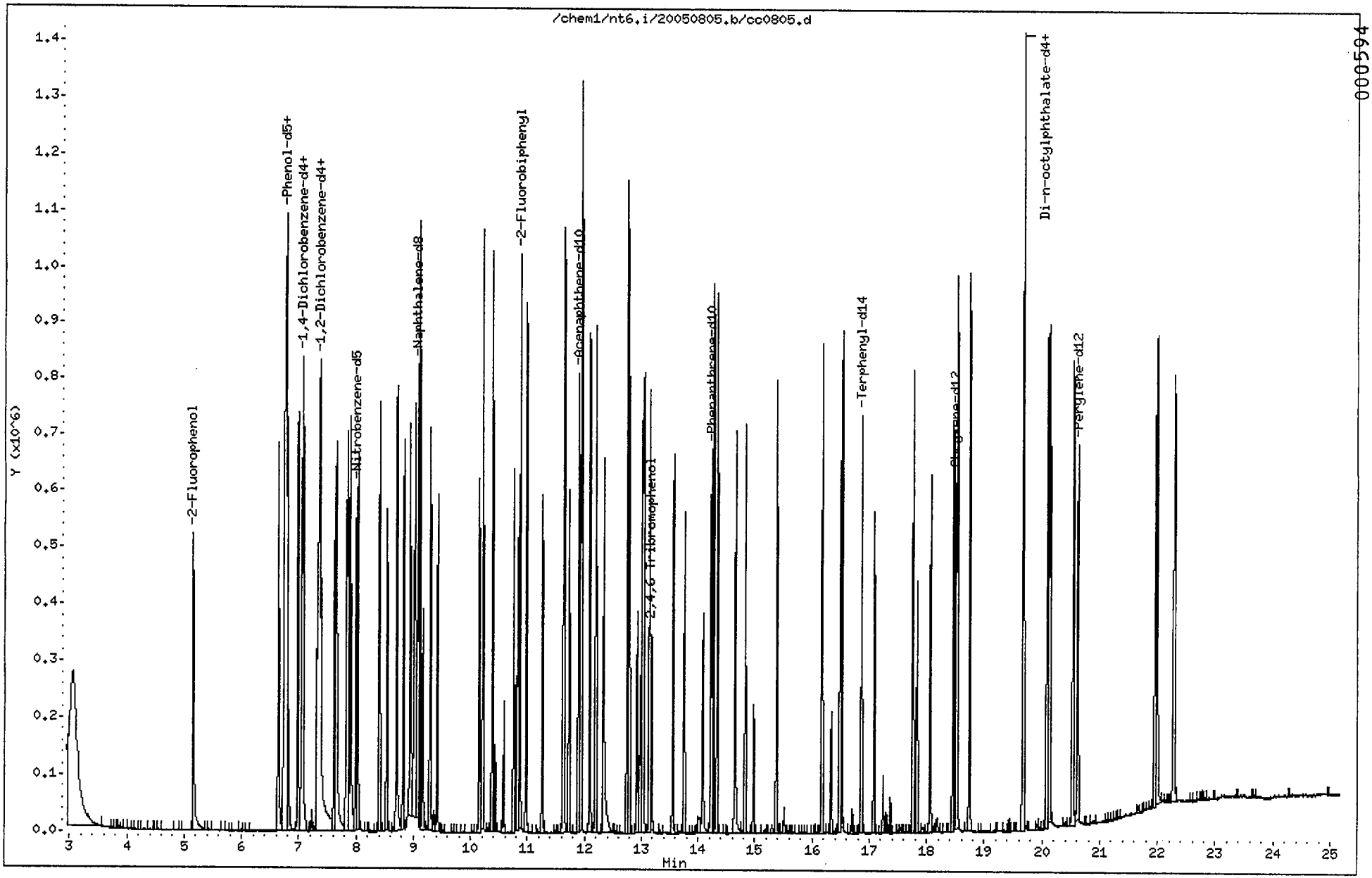
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20050805.b/cc0805.d
Date : 05-AUG-2005 10:58
Client ID:
Sample Info: ABN 25

Column phase: RTX-5

Instrument: nt6.i

Operator: LJR/VS
Column diameter: 0.32



000594

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

Data file: /chem1/nt6.i/20050805.b/ddt.b/cc0805.d
Method: /chem1/nt6.i/20050805.b/ddt.b/sw846ddt.m
Analysis Date: 05-AUG-2005 10:58

ARI ID:
Misc:
Instrument: nt6.i

COMPOUND	RT	AREA
Pentachlorophenol	14.081	52275
Benzidine	16.475	100503
4,4'-DDE	----	----
4,4'-DDD	17.367	13287
4,4'-DDT	17.826	96490

LSR 8/15/05

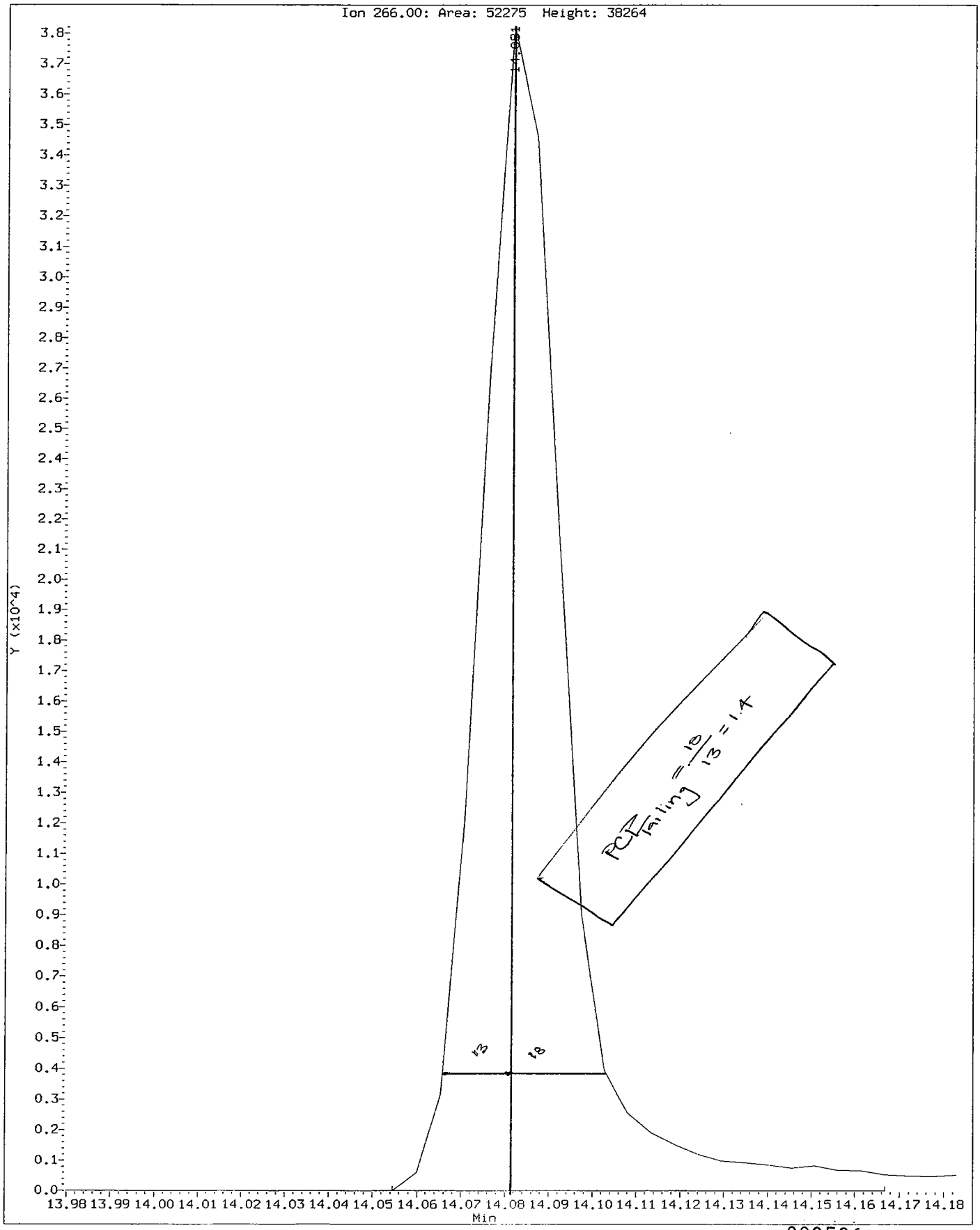
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(0 + 13287) * 100}{(0 + 13287 + 96490)}$$

DDT Percent Breakdown = 12.1 %

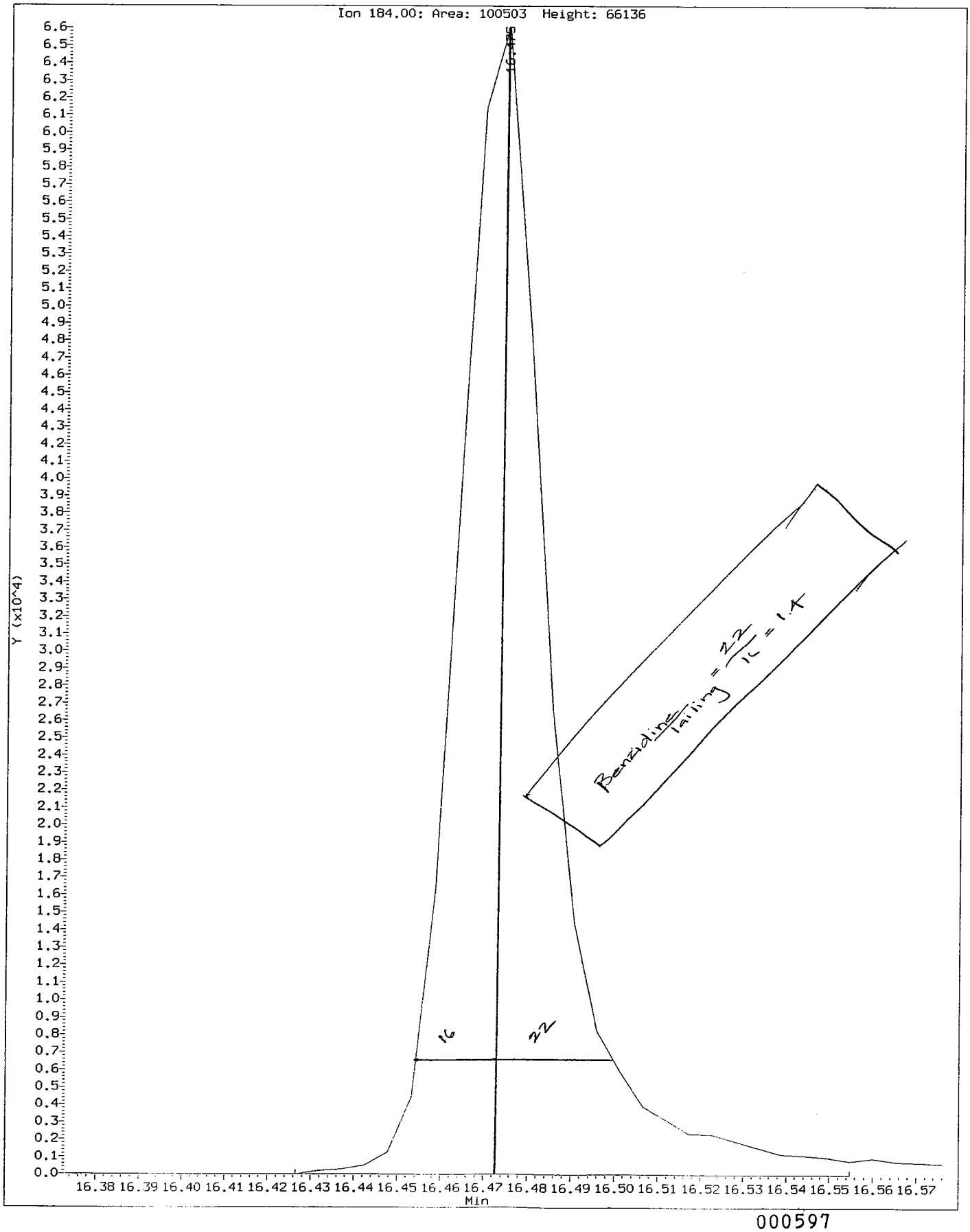
Data File: /chem1/nt6.i/20050805.b/ddt.b/cc0805.d
Injection Date: 05-AUG-2005 10:58
Instrument: nt6.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem1/nt6.i/20050805.b/ddt.b/cc0805.d
Injection Date: 05-AUG-2005 10:58
Instrument: nt6.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Semivolatile Organics Analysis
QC Raw Data

prepared
for

ANCHOR ENVIRONMENTAL

KC FORMER SCOTT MILL , 00010501/T2

ARI JOB NO. IH28

prepared
by

Analytical Resources, Inc.

Data File: /chem1/nt6.i/20050718.b/tune.b/0250718.d

Date : 18-JUL-2005 15:03

Client ID:

Instrument: nt6.i

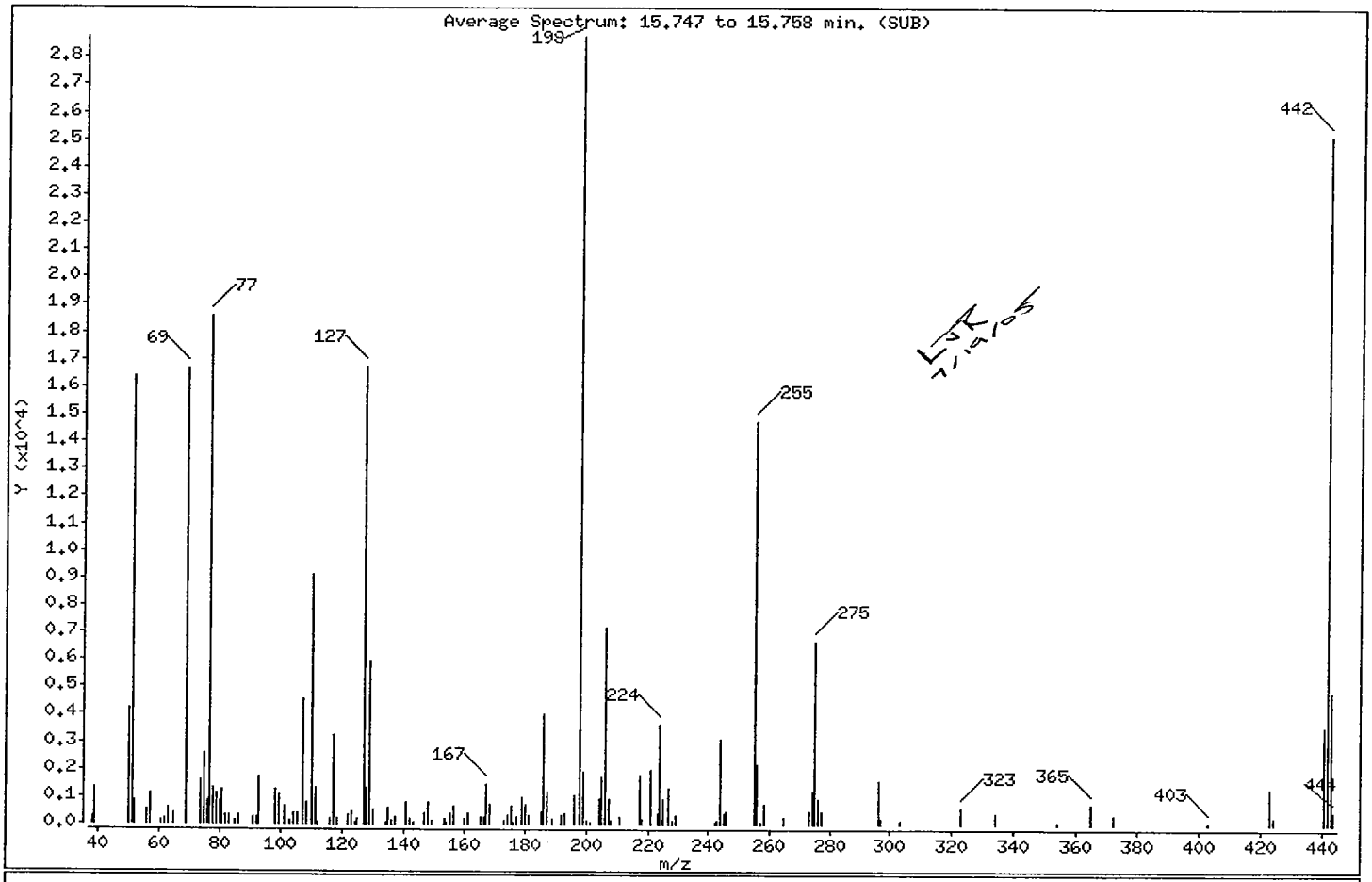
Sample Info: ABN 25

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	56.93
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	57.88
70	Less than 2.00% of mass 69	0.00 (0.00)
127	25.00 - 75.00% of mass 198	58.18
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.75
275	10.00 - 30.00% of mass 198	23.11
365	Greater than 0.75% of mass 198	2.50
441	Present, but less than mass 443	12.37
442	40.00 - 110.00% of mass 198	87.51
443	15.00 - 24.00% of mass 442	16.88 (19.29)

Date : 18-JUL-2005 15:03

Client ID: Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5 Column diameter: 0.32

Data File: 0250718.d
Spectrum: Average Spectrum: 15.747 to 15.758 min. (SUB)
Location of Maximum: 198.00
Number of points: 133

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	245	108.00	812	168.00	713	229.00	325
39.00	1344	110.00	9096	173.00	152	242.00	85
50.00	4229	111.00	1317	174.00	313	243.00	163
51.00	16366	112.00	67	175.00	635	244.00	3124
52.00	827	116.00	196	176.00	74	245.00	396
56.00	513	117.00	3209	177.00	276	246.00	488
57.00	1122	118.00	204	179.00	994	255.00	14759
61.00	157	122.00	325	180.00	697	256.00	2159
62.00	179	123.00	483	181.00	323	257.00	71
63.00	612	124.00	80	185.00	490	258.00	703
65.00	384	125.00	169	186.00	4023	265.00	271
69.00	16640	127.00	16720	187.00	1195	273.00	436
74.00	1566	128.00	1308	189.00	229	274.00	1221
75.00	2572	129.00	5970	192.00	301	275.00	6643
76.00	871	130.00	514	193.00	371	276.00	903
77.00	18600	134.00	79	196.00	1088	277.00	488
78.00	1350	135.00	567	198.00	28744	296.00	1582
79.00	1144	136.00	151	199.00	1941	297.00	227
80.00	863	137.00	261	200.00	139	303.00	156
81.00	1235	141.00	779	201.00	80	323.00	583
82.00	322	142.00	193	204.00	930	334.00	372
83.00	318	143.00	70	205.00	1689	354.00	85
85.00	162	147.00	370	206.00	7177	365.00	720
86.00	332	148.00	810	207.00	958	372.00	312
91.00	255	149.00	147	208.00	163	403.00	84
92.00	291	153.00	170	211.00	281	423.00	1339
93.00	1712	154.00	74	217.00	1782	424.00	289
98.00	1276	155.00	399	218.00	179	441.00	3555
99.00	1034	156.00	652	221.00	1991	442.00	25152
101.00	631	160.00	184	223.00	388	443.00	4854
103.00	149	161.00	364	224.00	3641	444.00	438
104.00	405	165.00	292	225.00	929		
105.00	386	166.00	281	227.00	1349		
107.00	4564	167.00	1485	228.00	157		

Data File: /chem1/nt6.i/20050718.b/tune.b/0250718.d

Date : 18-JUL-2005 15:03

Client ID:

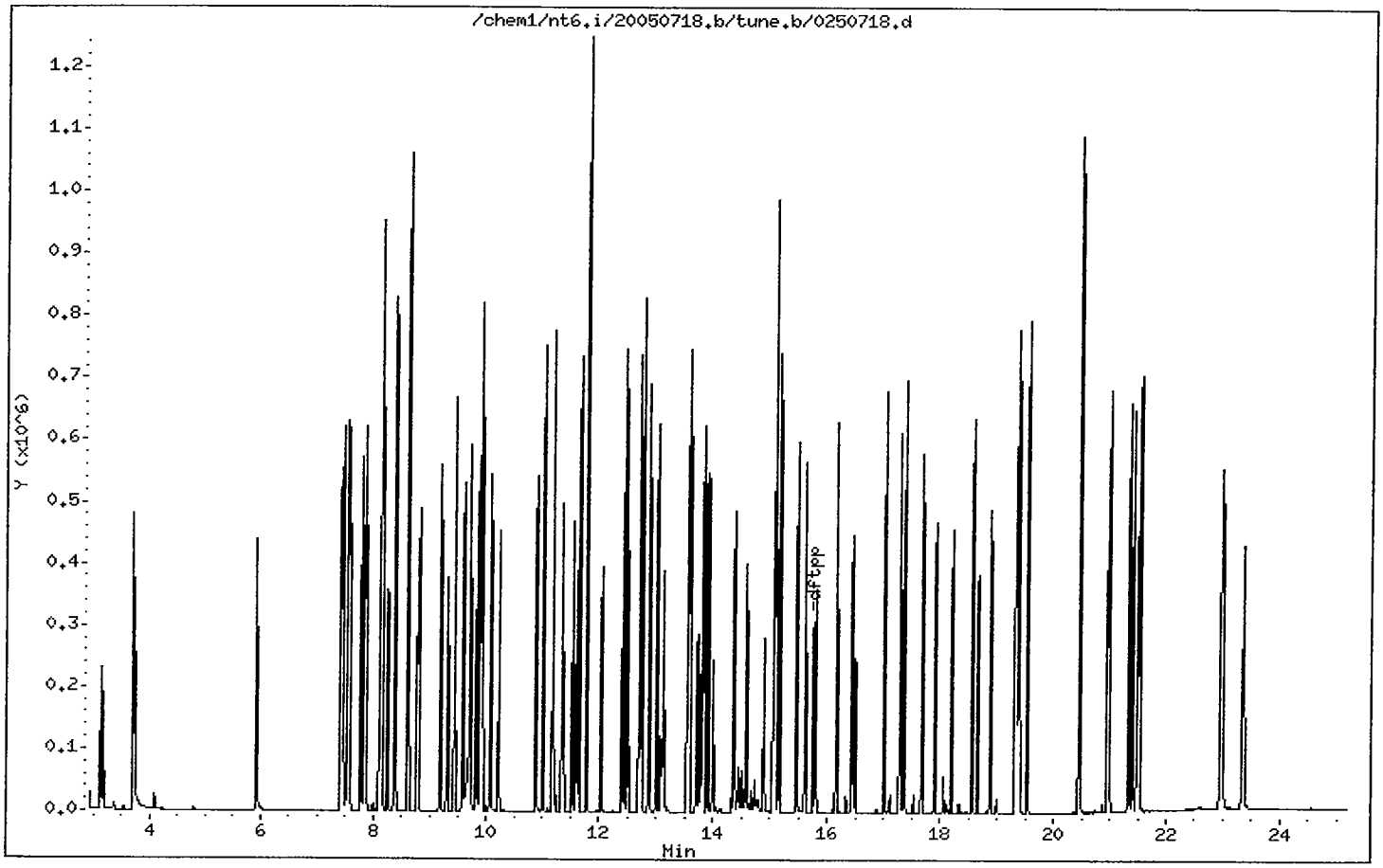
Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32



Data File: /chem3/nt4.i/20050802.b/tune.b/0250802.d

Page 1

Date : 02-AUG-2005 17:35

Client ID: DFTPP 0802

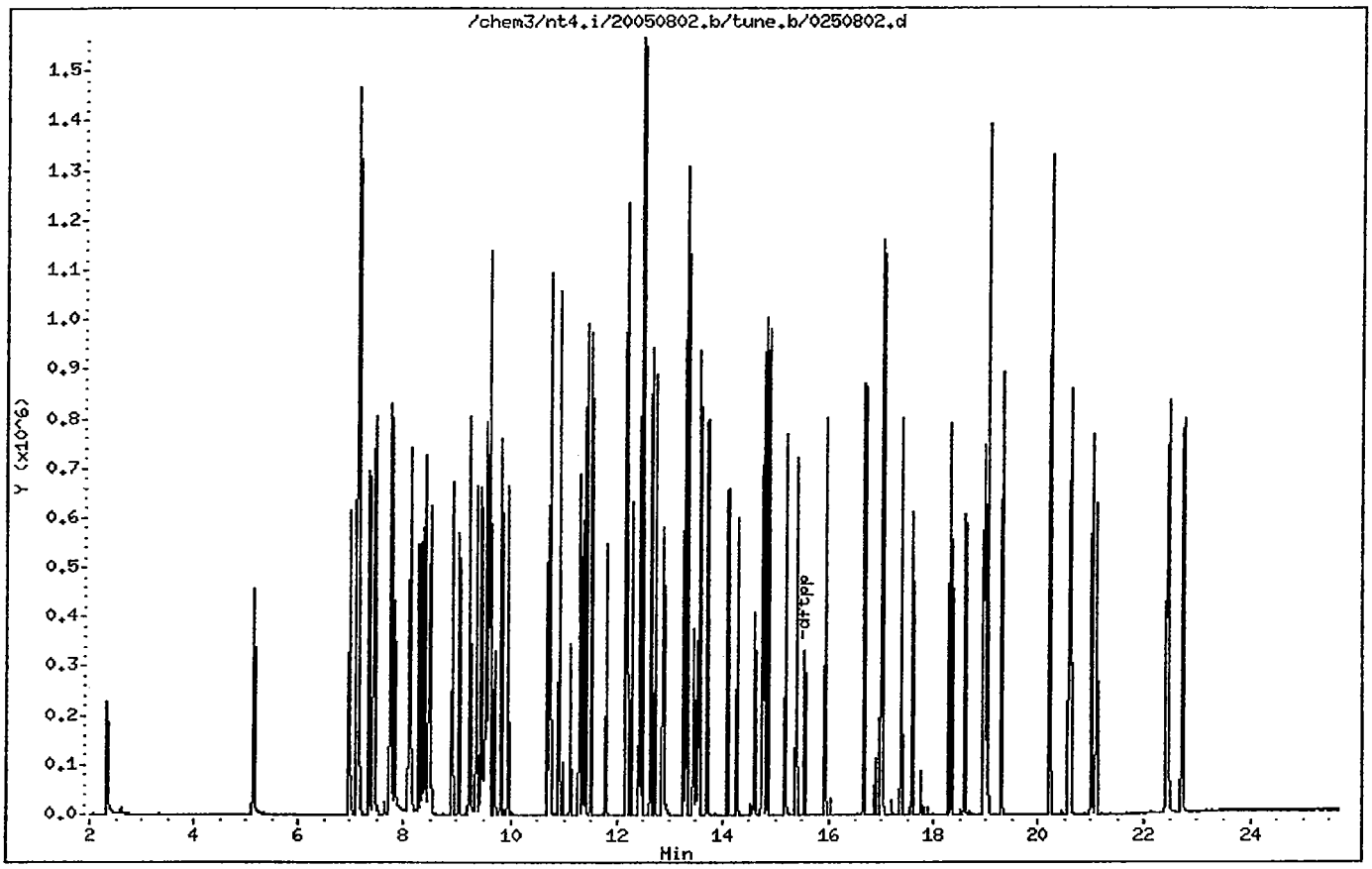
Instrument: nt4.i

Sample Info: ABN 25

Operator: VS

Column phase:

Column diameter: 2.00



Data File: /chem3/nt4.i/20050802.b/tune.b/0250802.d

Date : 02-AUG-2005 17:35

Client ID: DFTPP 0802

Instrument: nt4.i

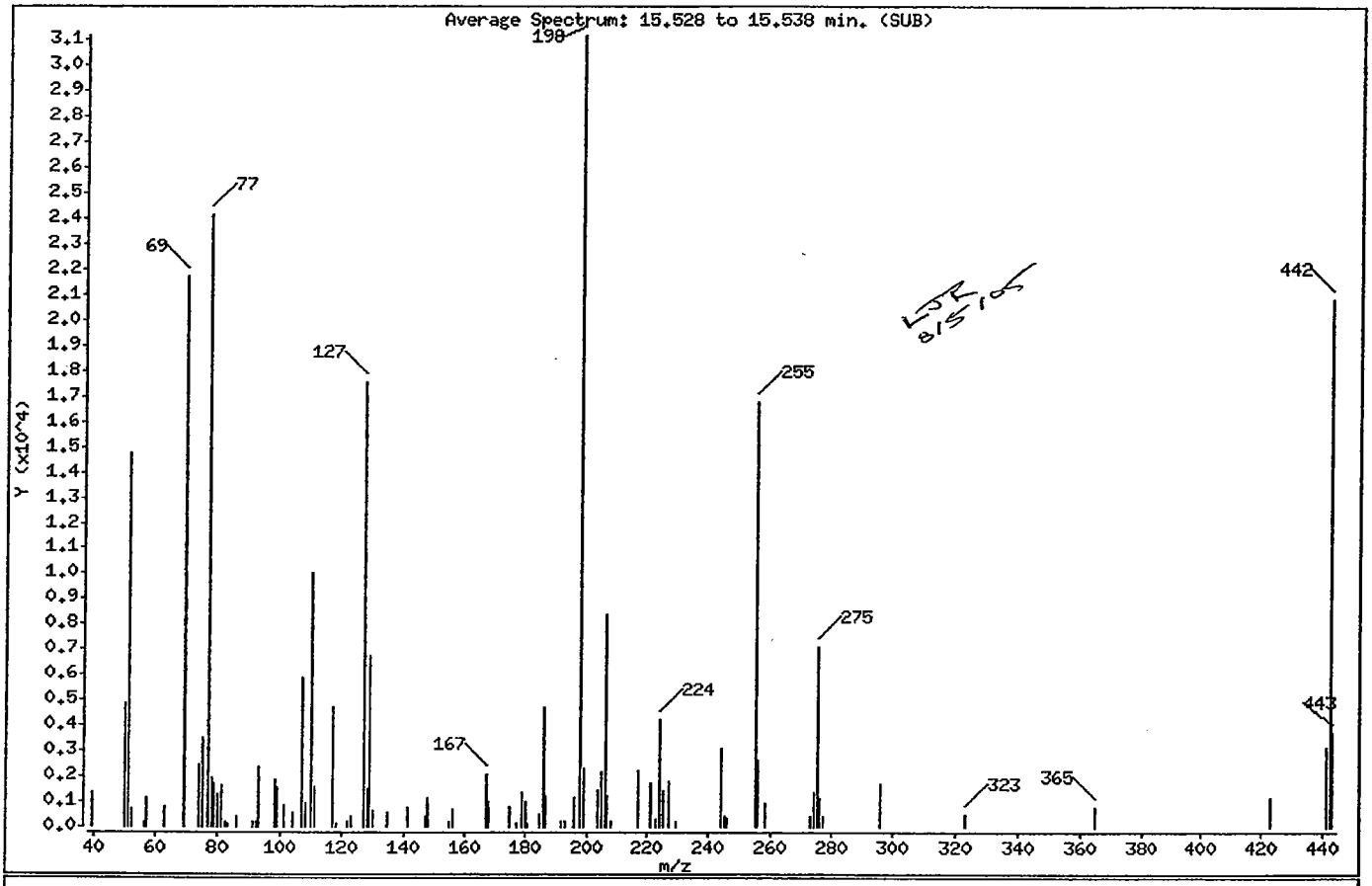
Sample Info: ABN 25

Operator: VS

Column phase:

Column diameter: 2.00

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	47.45
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	69.72
70	Less than 2.00% of mass 69	0.00 (0.00)
127	25.00 - 75.00% of mass 198	56.27
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.25
275	10.00 - 30.00% of mass 198	22.72
365	Greater than 0.75% of mass 198	2.59
441	Present, but less than mass 443	10.14
442	40.00 - 110.00% of mass 198	66.86
443	15.00 - 24.00% of mass 442	11.87 (17.75)

Data File: /chem3/nt4.i/20050802.b/tune.b/0250802.d

Date : 02-AUG-2005 17:35

Client ID: DFTPP 0802 Instrument: nt4.i

Sample Info: ABN 25

Operator: VS

Column phase: Column diameter: 2.00

Data File: 0250802.d

Spectrum: Average Spectrum: 15.528 to 15.538 min. (SUB)

Location of Maximum: 198.00

Number of points: 88

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1363	101.00	834	177.00	169	229.00	183
50.00	4893	104.00	572	179.00	1369	244.00	3086
51.00	14791	107.00	5880	180.00	1036	245.00	395
52.00	751	108.00	965	181.00	168	246.00	381
56.00	186	110.00	10063	185.00	501	255.00	16768
57.00	1162	111.00	1610	186.00	4717	256.00	2683
63.00	772	117.00	4730	187.00	1225	258.00	937
69.00	21728	118.00	178	192.00	195	273.00	449
74.00	2411	122.00	206	193.00	223	274.00	1364
75.00	3492	123.00	401	196.00	1118	275.00	7083
77.00	24112	127.00	17536	198.00	31168	276.00	1156
78.00	1962	128.00	1489	199.00	2260	277.00	395
79.00	1748	129.00	6744	204.00	1448	296.00	1712
80.00	1320	130.00	632	205.00	2147	323.00	526
81.00	1622	135.00	553	206.00	8390	365.00	806
82.00	197	141.00	793	207.00	1249	423.00	1126
83.00	177	147.00	438	208.00	202	441.00	3162
86.00	437	148.00	1162	217.00	2245	442.00	20840
91.00	194	155.00	213	221.00	1700	443.00	3699
92.00	206	156.00	728	223.00	278		
93.00	2376	167.00	2106	224.00	4234		
98.00	1888	168.00	968	225.00	1432		
99.00	1549	175.00	774	227.00	1798		

Data File: /chem3/nt4.i/20050802a.b/tune.b/cc0802.d

Date : 02-AUG-2005 21:28

Client ID:

Instrument: nt4.i

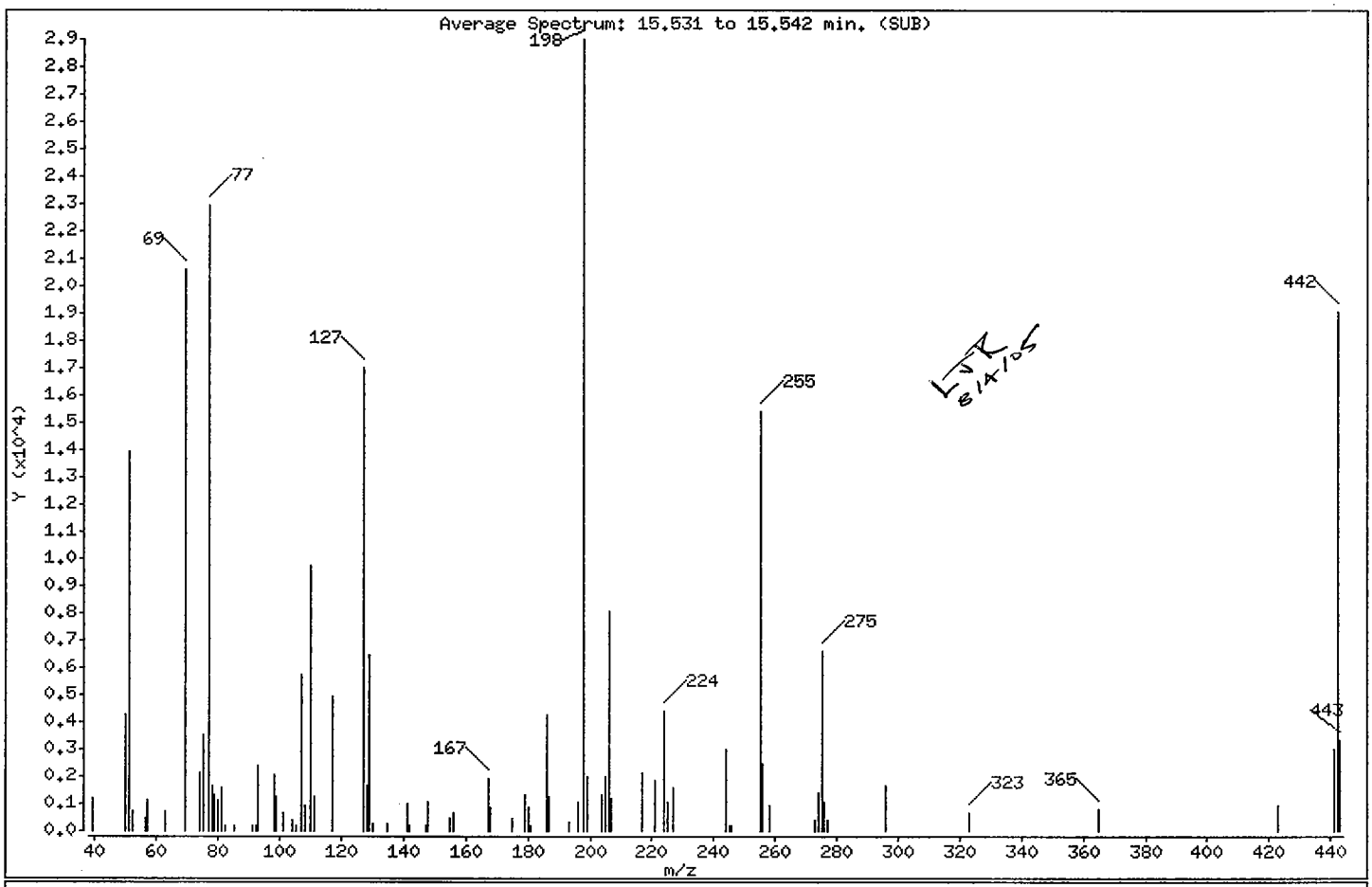
Sample Info: ABN 25

Operator: pk

Column phase:

Column diameter: 2.00

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	48.15
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	71.12
70	Less than 2.00% of mass 69	0.00 (0.00)
127	25.00 - 75.00% of mass 198	58.67
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.80
275	10.00 - 30.00% of mass 198	22.78
365	Greater than 0.75% of mass 198	2.65
441	Present, but less than mass 443	10.37
442	40.00 - 110.00% of mass 198	65.87
443	15.00 - 24.00% of mass 442	11.59 (17.59)

Data File: /chem3/nt4.i/20050802a.b/tune.b/cc0802.d

Date : 02-AUG-2005 21:28

Client ID:

Instrument: nt4.i

Sample Info: ABN 25

Operator: pk

Column phase:

Column diameter: 2.00

Data File: cc0802.d

Spectrum: Average Spectrum: 15.531 to 15.542 min. (SUB)

Location of Maximum: 198.00

Number of points: 80

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1222	99.00	1296	168.00	843	245.00	212
50.00	4274	101.00	687	175.00	464	246.00	197
51.00	13980	104.00	410	179.00	1327	255.00	15443
52.00	748	105.00	177	180.00	882	256.00	2474
56.00	439	107.00	5720	181.00	185	258.00	906
57.00	1130	108.00	966	186.00	4298	273.00	422
63.00	730	110.00	9718	187.00	1290	274.00	1413
69.00	20648	111.00	1266	193.00	361	275.00	6613
74.00	2158	117.00	4961	196.00	1052	276.00	1049
75.00	3509	127.00	17032	198.00	29032	277.00	404
77.00	22952	128.00	1637	199.00	1975	296.00	1648
78.00	1647	129.00	6501	204.00	1332	323.00	658
79.00	1348	130.00	234	205.00	1977	365.00	770
80.00	1133	135.00	255	206.00	8067	423.00	941
81.00	1627	141.00	968	207.00	1188	441.00	3012
82.00	230	142.00	197	217.00	2140	442.00	19120
85.00	190	147.00	196	221.00	1865	443.00	3365
91.00	183	148.00	1057	224.00	4380		
92.00	194	155.00	476	225.00	1100		
93.00	2375	156.00	640	227.00	1635		
98.00	2096	167.00	1910	244.00	2972		

Data File: /chem3/nt4.i/20050802a.b/tune.b/cc0802.d

Date : 02-AUG-2005 21:28

Client ID:

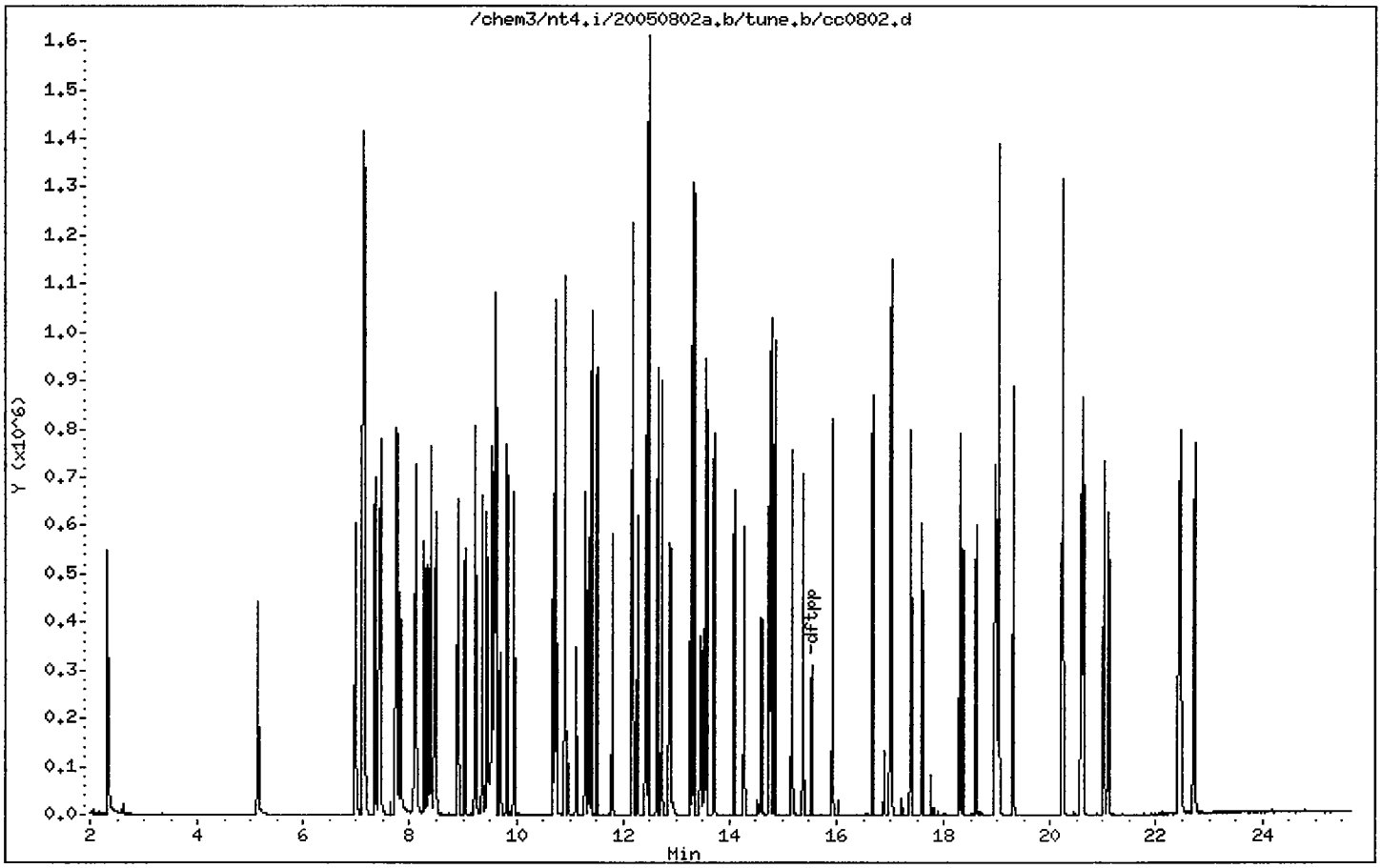
Instrument: nt4.i

Sample Info: ABN 25

Operator: pk

Column phase:

Column diameter: 2.00



Data File: /chem3/nt4.i/20050803.b/tune.b/cc0803.d

Date : 03-AUG-2005 16:03

Client ID:

Instrument: nt4.i

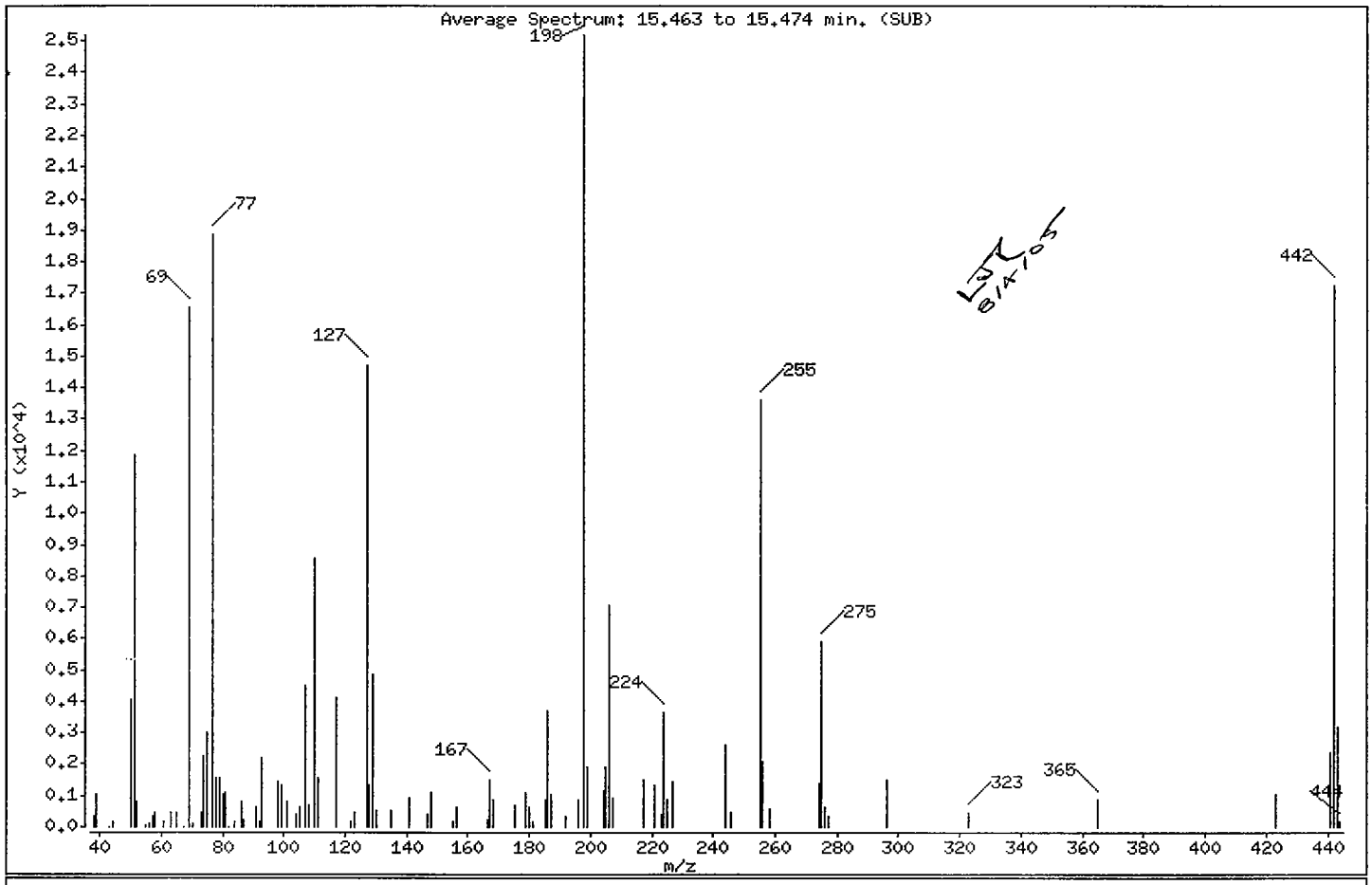
Sample Info: ABN 25

Operator: pk

Column phase:

Column diameter: 2.00

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	47.11
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	65.83
70	Less than 2.00% of mass 69	0.41 (0.62)
127	25.00 - 75.00% of mass 198	58.44
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.50
275	10.00 - 30.00% of mass 198	23.35
365	Greater than 0.75% of mass 198	3.47
441	Present, but less than mass 443	9.48
442	40.00 - 110.00% of mass 198	68.62
443	15.00 - 24.00% of mass 442	12.74 (18.57)

Data File: /chem3/nt4.i/20050803.b/tune.b/cc0803.d

Date : 03-AUG-2005 16:03

Client ID:

Instrument: nt4.i

Sample Info: ABN 25

Operator: pk

Column phase:

Column diameter: 2.00

Data File: cc0803.d
Spectrum: Average Spectrum: 15.463 to 15.474 min. (SUB)
Location of Maximum: 198.00
Number of points: 95

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	376	81.00	1124	135.00	540	217.00	1482
39.00	1063	82.00	21	141.00	917	221.00	1307
43.00	23	84.00	173	147.00	409	223.00	407
44.00	163	86.00	810	148.00	1097	224.00	3652
50.00	4055	87.00	206	155.00	192	225.00	873
51.00	11866	91.00	663	156.00	613	227.00	1421
52.00	815	92.00	194	166.00	228	244.00	2623
55.00	62	93.00	2217	167.00	1532	246.00	482
56.00	126	98.00	1452	168.00	877	255.00	13624
57.00	359	99.00	1309	175.00	667	256.00	2098
58.00	442	101.00	797	179.00	1120	258.00	595
61.00	179	104.00	424	180.00	641	274.00	1388
63.00	440	105.00	641	181.00	169	275.00	5882
65.00	471	107.00	4536	185.00	868	276.00	647
67.00	11	108.00	704	186.00	3728	277.00	376
69.00	16576	110.00	8573	187.00	1067	296.00	1524
70.00	103	111.00	1535	192.00	372	323.00	442
73.00	445	117.00	4092	196.00	874	365.00	875
74.00	2231	122.00	172	198.00	25184	423.00	1037
75.00	3026	123.00	486	199.00	1888	441.00	2388
77.00	18848	127.00	14721	204.00	1147	442.00	17280
78.00	1590	128.00	1345	205.00	1918	443.00	3210
79.00	1553	129.00	4885	206.00	7044	444.00	176
80.00	1026	130.00	513	207.00	920		

Data File: /chem3/nt4.i/20050803.b/tune.b/cc0803.d

Date : 03-AUG-2005 16:03

Client ID:

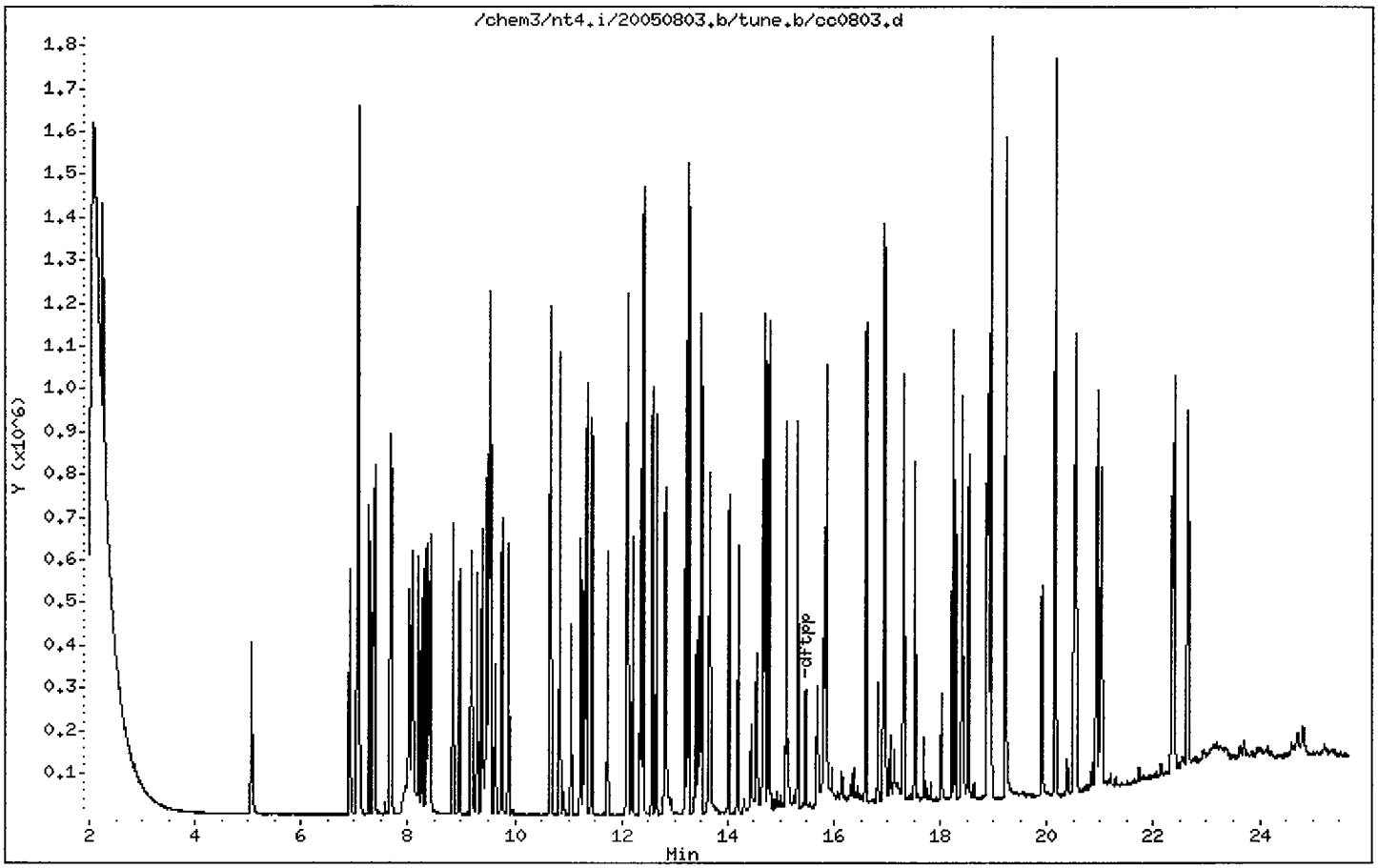
Instrument: nt4.i

Sample Info: ABN 25

Operator: pk

Column phase:

Column diameter: 2.00



Data File: /chem1/nt6.i/20050805.b/tune.b/cc0805.d

Date : 05-AUG-2005 10:58

Client ID:

Instrument: nt6.i

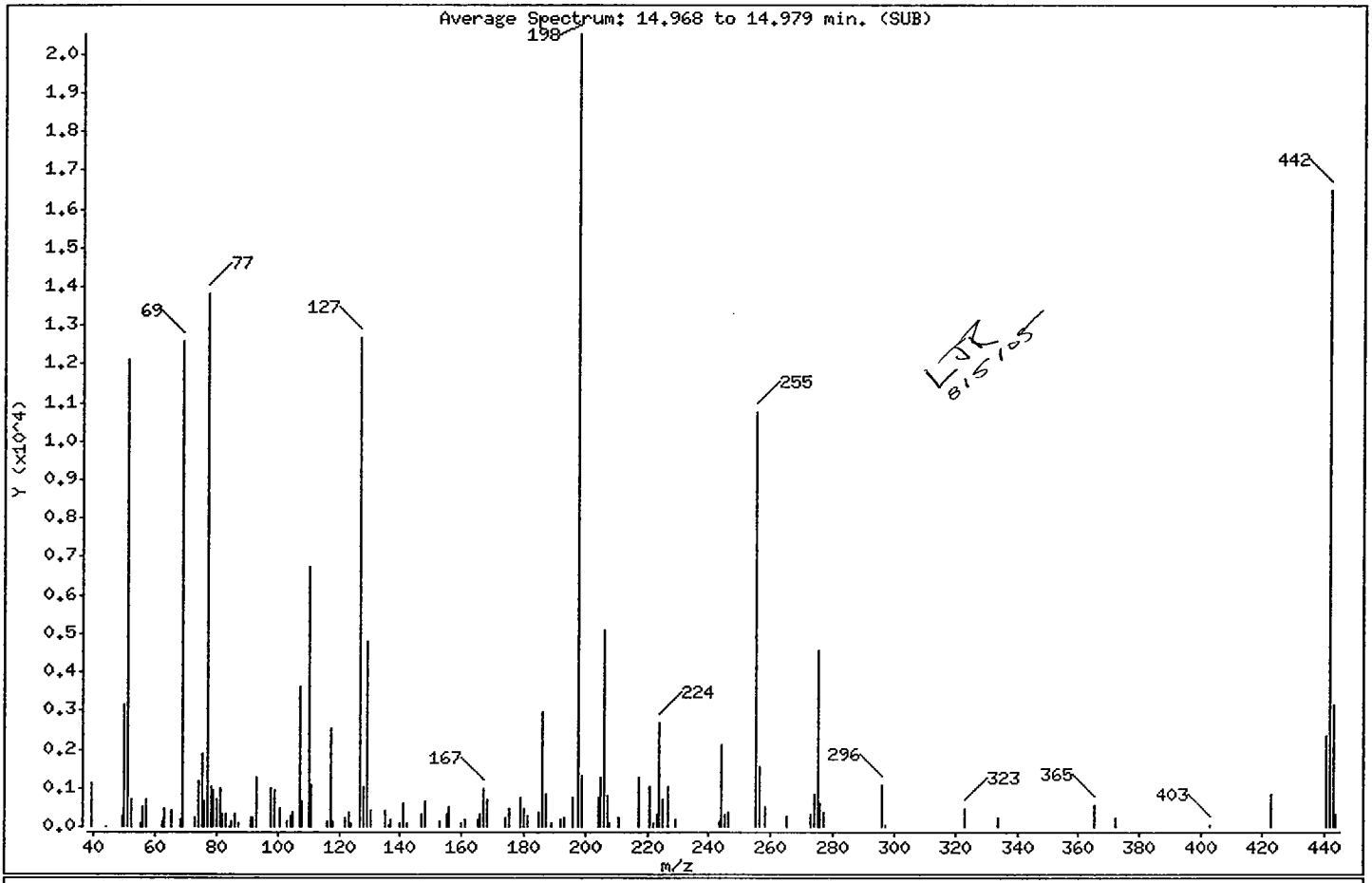
Sample Info: ABN 25

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	59.18
68	Less than 2.00% of mass 69	0.84 (1.37)
69	Mass 69 relative abundance	61.36
70	Less than 2.00% of mass 69	0.00 (0.00)
127	25.00 - 75.00% of mass 198	61.84
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.46
275	10.00 - 30.00% of mass 198	22.20
365	Greater than 0.75% of mass 198	2.77
441	Present, but less than mass 443	11.56
442	40.00 - 110.00% of mass 198	80.37
443	15.00 - 24.00% of mass 442	15.42 (19.18)

Data File: /chem1/nt6.i/20050805.b/tune.b/cc0805.d

Date : 05-AUG-2005 10:58

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: cc0805.d

Spectrum: Average Spectrum: 14.968 to 14.979 min. (SUB)

Location of Maximum: 198.00

Number of points: 122

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1132	93.00	1275	156.00	498	224.00	2690
44.00	4	98.00	988	160.00	75	225.00	702
49.00	260	99.00	922	161.00	190	227.00	1042
50.00	3171	101.00	481	165.00	168	229.00	189
51.00	12135	103.00	161	166.00	307	243.00	151
52.00	691	104.00	298	167.00	980	244.00	2139
55.00	116	105.00	381	168.00	697	245.00	323
56.00	495	107.00	3615	174.00	229	246.00	389
57.00	730	108.00	641	175.00	489	255.00	10735
62.00	157	110.00	6750	179.00	731	256.00	1567
63.00	478	111.00	1079	180.00	488	258.00	512
65.00	423	116.00	155	181.00	266	265.00	278
68.00	173	117.00	2525	185.00	385	273.00	345
69.00	12582	118.00	143	186.00	2962	274.00	841
73.00	222	122.00	259	187.00	839	275.00	4553
74.00	1178	123.00	366	189.00	77	276.00	625
75.00	1874	124.00	83	192.00	193	277.00	383
76.00	670	127.00	12680	193.00	240	296.00	1102
77.00	13834	128.00	1020	196.00	740	297.00	67
78.00	1037	129.00	4793	198.00	20504	323.00	453
79.00	936	130.00	415	199.00	1325	334.00	255
80.00	692	135.00	436	204.00	763	365.00	569
81.00	1007	136.00	70	205.00	1290	372.00	243
82.00	311	137.00	178	206.00	5101	403.00	67
83.00	337	140.00	77	207.00	796	423.00	868
84.00	5	141.00	602	208.00	80	441.00	2371
85.00	150	142.00	74	211.00	226	442.00	16480
86.00	341	147.00	324	217.00	1281	443.00	3161
87.00	77	148.00	649	221.00	1017	444.00	343
91.00	243	153.00	156	222.00	75		
92.00	256	155.00	322	223.00	309		

Data File: /chem1/nt6.i/20050805.b/tune.b/cc0805.d

Date : 05-AUG-2005 10:58

Client ID:

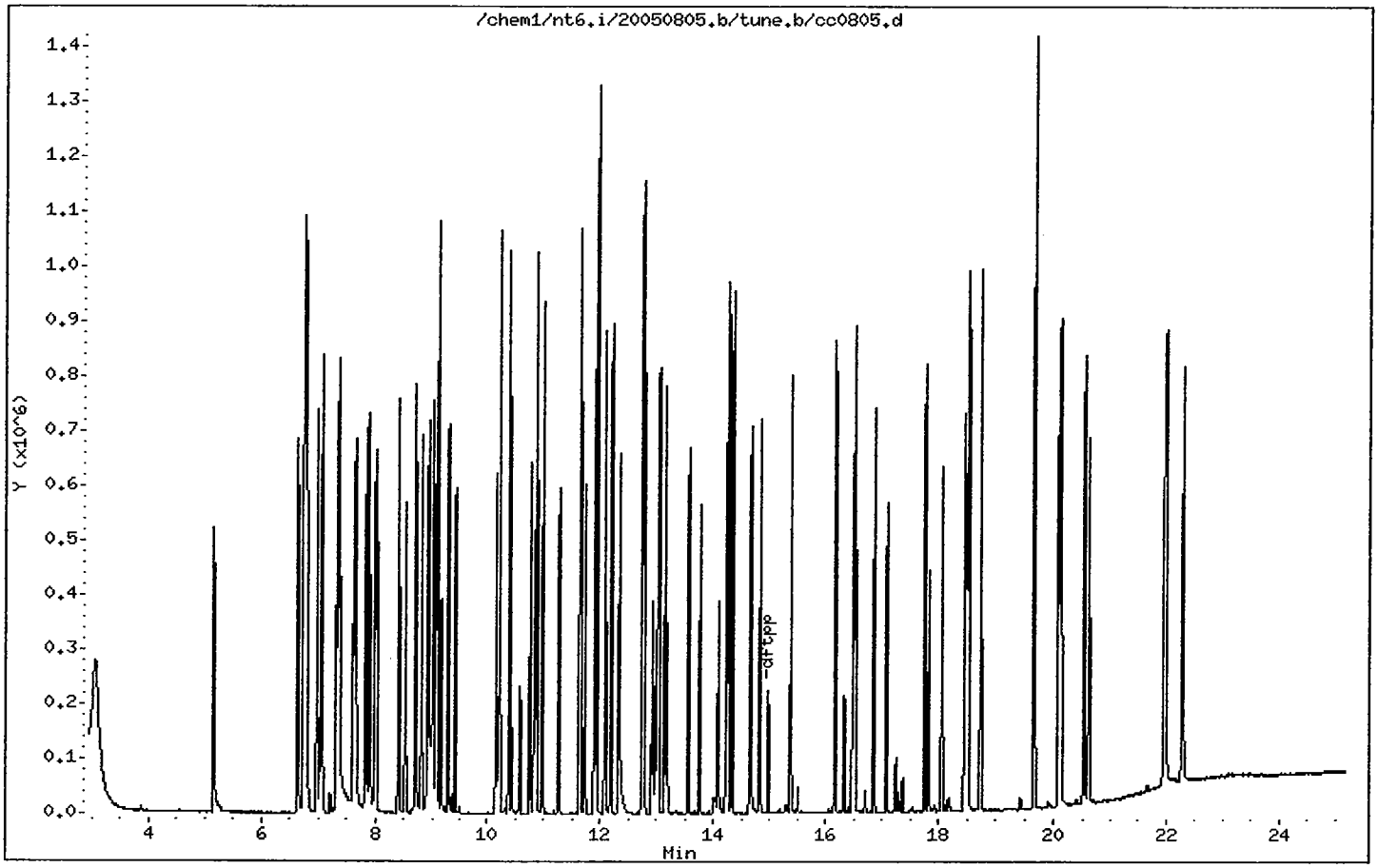
Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: MB-072505**
Page 1 of 1 **METHOD BLANK**

Lab Sample ID: MB-072505
LIMS ID: 05-11886
Matrix: Sediment
Data Release Authorized:
Reported: 08/04/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: NA
Date Received: NA

Date Extracted: 07/25/05
Date Analyzed: 08/02/05 22:01
Instrument/Analyst: NT4/LJR
GPC Cleanup: No

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

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
100-51-6	Benzyl Alcohol	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	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
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**	**11 J**
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

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	70.8%	2-Fluorobiphenyl	72.4%
d14-p-Terphenyl	81.2%	d4-1,2-Dichlorobenzene	68.8%
d5-Phenol	71.2%	2-Fluorophenol	61.1%
2,4,6-Tribromophenol	51.7%	d4-2-Chlorophenol	66.9%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem3/nt4.i/20050802a.b/ih28mb.d
Lab Smp Id: IH28MBS1 Client Smp ID: IH28MBS1
Inj Date : 02-AUG-2005 22:01
Operator : VS Inst ID: nt4.i
Smp Info : IH28MBS1
Misc Info : 05-11886
Comment : 1ul Injection
Method : /chem3/nt4.i/20050802a.b/SW846.m
Meth Date : 03-Aug-2005 16:32 jeff Quant Type: ISTD
Cal Date : 02-AUG-2005 20:22 Cal File: 0100802.d
Als bottle: 10 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDAMBLCS.sub
Target Version: 3.50

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	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	5.282	5.135	(0.711)	173883	22.8595	457.2
$ 2	Phenol-d5	99	7.115	7.112	(0.958)	263385	26.7212	534.4
3	Phenol	94	Compound Not Detected.					
$ 5	2-Chlorophenol-d4	132	7.125	7.117	(0.959)	197853	25.1453	502.9
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	7.430	7.427	(1.000)	108693	20.0000	
9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10	1,2-Dichlorobenzene-d4	152	7.750	7.753	(1.043)	85647	17.2052	344.1
12	1,2-Dichlorobenzene	146	Compound Not Detected.					
11	Benzyl alcohol	108	Compound Not Detected.					
14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13	2-Methylphenol	108	Compound Not Detected.					
17	Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.461	8.469	(0.883)	196771	17.6691	353.4
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.577	9.585	(1.000)	416052	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	11.404	11.412	(0.918)	271305	18.1281	362.6
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.419	12.427	(1.000)	229346	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.702	13.709	(1.103)	28517	19.4081	388.2
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.738	14.746	(1.000)	345913	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	15.924	15.932	(1.080)	12397	0.55428 DL J	11.09
	64 Fluoranthene	202	Compound Not Detected.					
	65 Pyrene	202	Compound Not Detected.					
$	66 Terphenyl-d14	244	17.382	17.385	(0.916)	249591	20.2919	405.8
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	Compound Not Detected.					
*	69 Chrysene-d12	240	18.974	18.982	(1.000)	263874	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	20.214	20.227	(1.000)	448788	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	21.090	21.103	(1.000)	200538	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.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: ih28mb.d
Lab Smp Id: IH28MBS1
Analysis Type: SV
Quant Type: ISTD
Operator: VS
Method File: /chem3/nt4.i/20050802a.b/SW846.m
Misc Info: 05-11886

Calibration Date: 02-AUG-2005
Calibration Time: 21:28
Client Smp ID: IH28MBS1
Level: LOW
Sample Type: Solid

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	121607	60804	243214	108693	-10.62
27 Naphthalene-d8	430121	215060	860242	416052	-3.27
42 Acenaphthene-d10	229587	114794	459174	229346	-0.10
59 Phenanthrene-d10	343054	171527	686108	345913	0.83
69 Chrysene-d12	260573	130286	521146	263874	1.27
134 Di-n-octylphthala	469301	234650	938602	448788	-4.37
77 Perylene-d12	283780	141890	567560	200538	-29.33

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.43	6.93	7.93	7.43	0.04
27 Naphthalene-d8	9.59	9.09	10.09	9.58	-0.08
42 Acenaphthene-d10	12.43	11.93	12.93	12.42	-0.06
59 Phenanthrene-d10	14.75	14.25	15.25	14.74	-0.05
69 Chrysene-d12	18.98	18.48	19.48	18.97	-0.04
134 Di-n-octylphthala	20.23	19.73	20.73	20.21	-0.07
77 Perylene-d12	21.10	20.60	21.60	21.09	-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

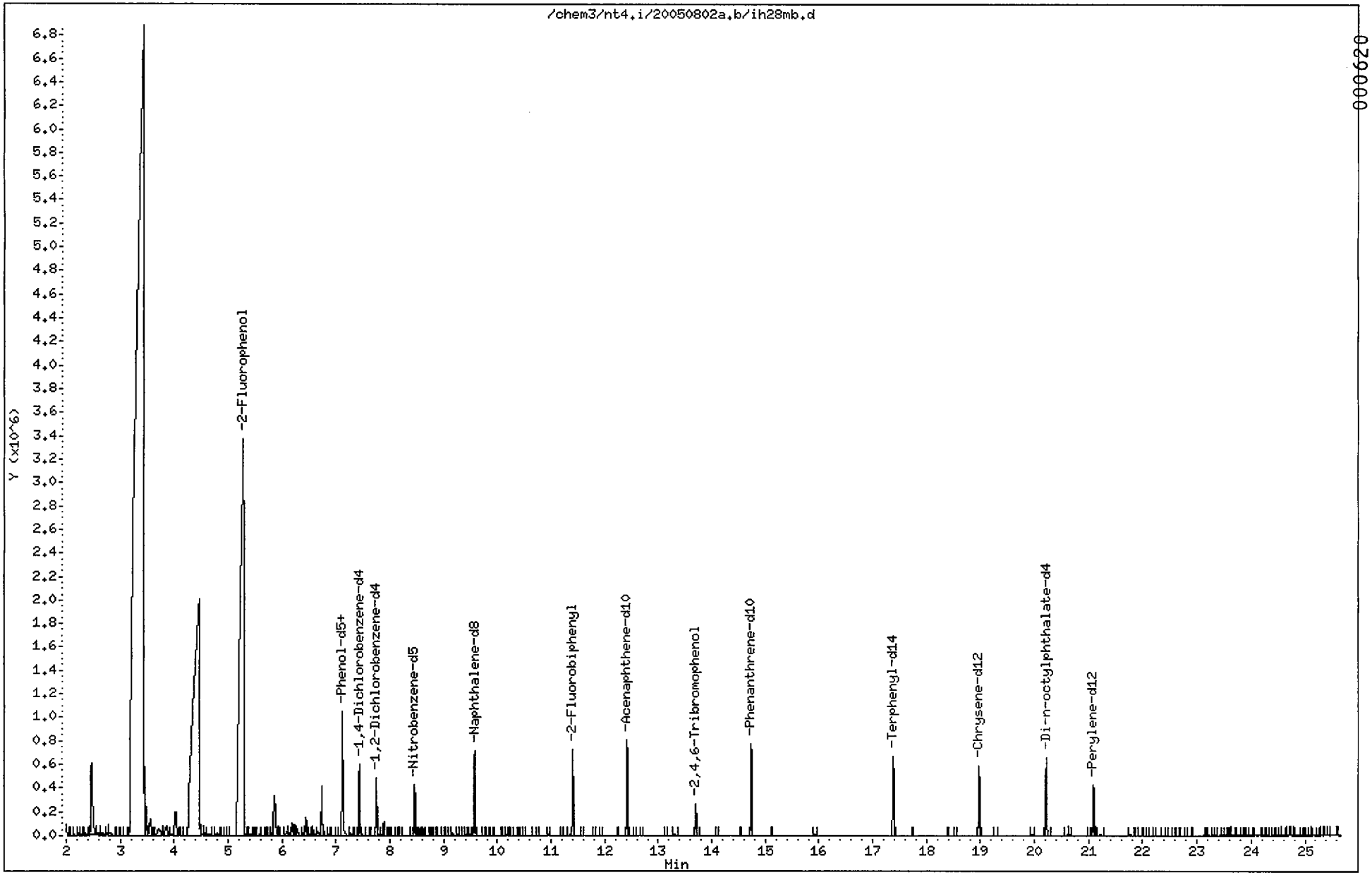
Client Name: ANCHOR
Sample Matrix: SOLID
Lab Smp Id: IH28MBS1
Level: LOW
Data Type: MS DATA
SpikeList File: tclp.spk
Sublist File: PSDDAMBLCS.sub
Method File: /chem3/nt4.i/20050802a.b/SW846.m
Misc Info: 05-11886

Client SDG: IH28
Fraction: SV
Client Smp ID: IH28MBS1
Operator: VS
SampleType: BLANK
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	457.2	60.96	36-100
$ 2 Phenol-d5	750.0	534.4	71.26	45-91
$ 5 2-Chlorophenol-d4	750.0	502.9	67.05	46-89
$ 10 1,2-Dichlorobenzen	500.0	344.1	68.82	41-86
$ 18 Nitrobenzene-d5	500.0	353.4	70.68	39-93
$ 36 2-Fluorobiphenyl	500.0	362.6	72.51	40-95
$ 55 2,4,6-Tribromophen	750.0	388.2	51.75	34-110
$ 66 Terphenyl-d14	500.0	405.8	81.17	46-116

Data File: /chem3/nt4.i/20050802a.b/ih28mb.d
Date : 02-AUG-2005 22:01
Client ID: IH28MBS1
Sample Info: IH28MBS1
Volume Injected (uL): 1.0
Column phase: RTX-5

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



Data File: /chem3/nt4.i/20050802a.b/ih28mb.d

Date : 02-AUG-2005 22:01

Client ID: IH28MBS1

Instrument: nt4.i

Sample Info: IH28MBS1

Volume Injected (uL): 1.0

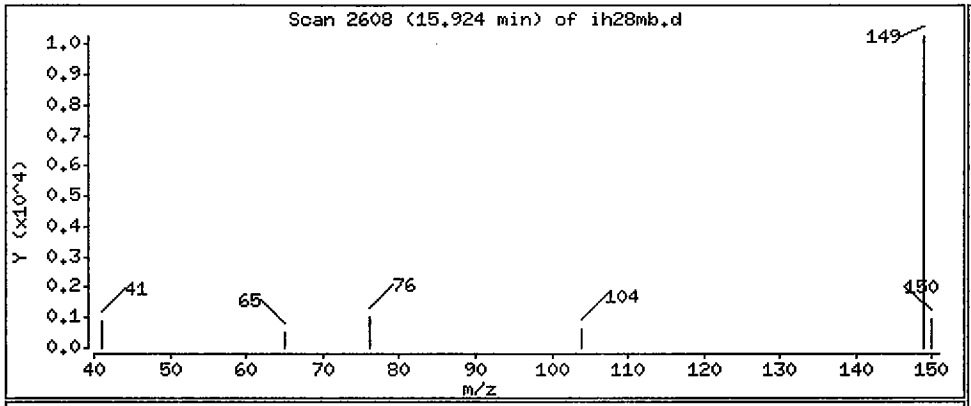
Operator: VS

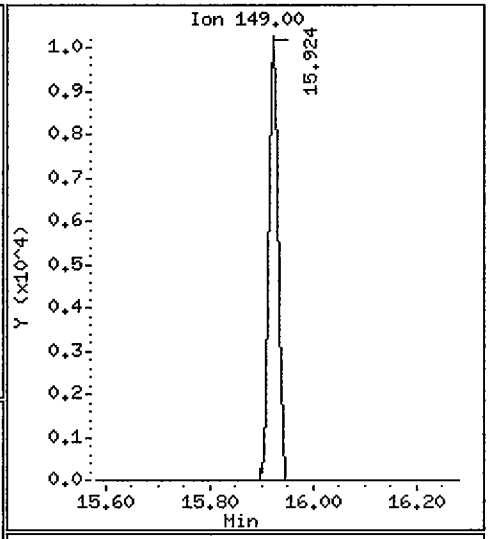
Column phase: RTX-5

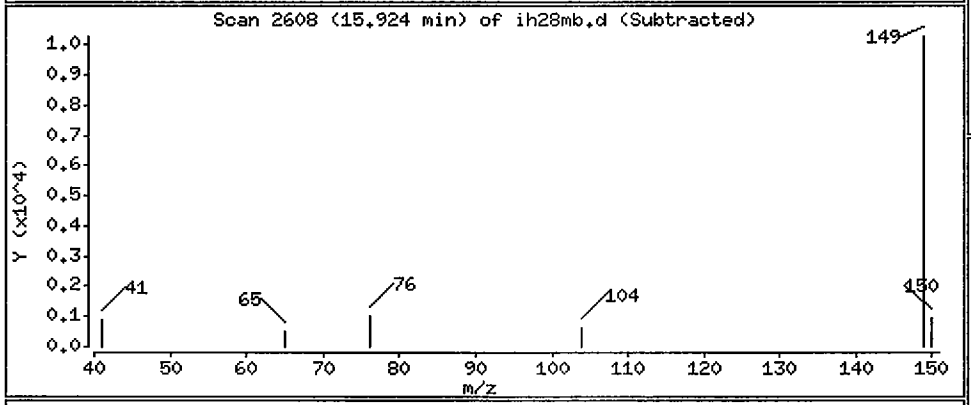
Column diameter: 0.32

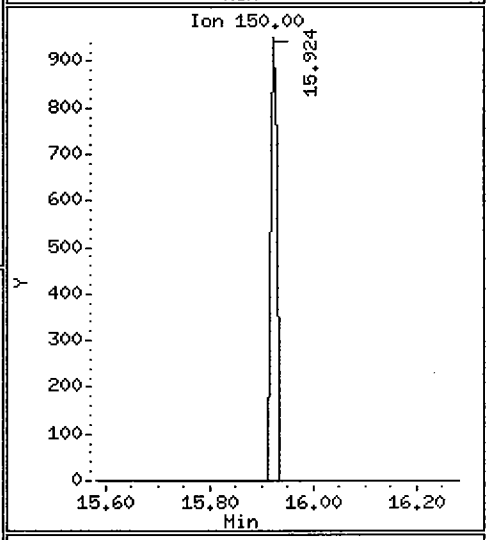
63 Di-n-butylphthalate

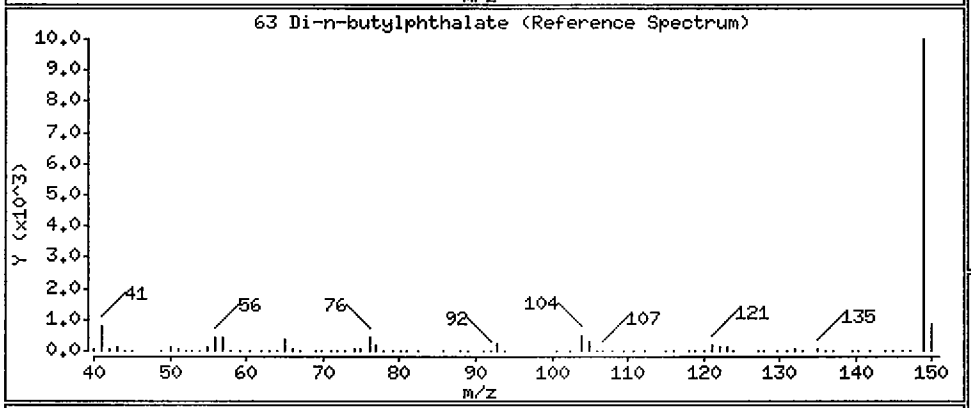
Concentration: 11.09 ug/kg

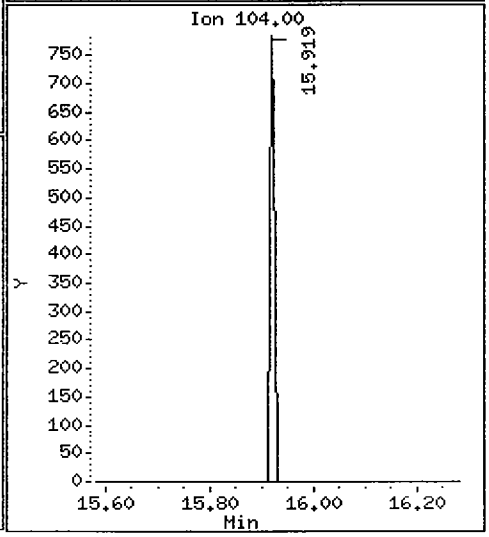


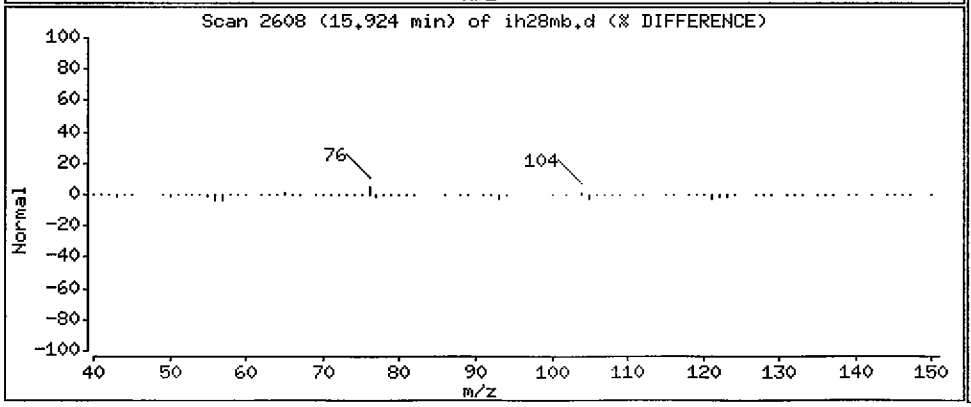












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-RI-SEDC-09C**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: IH28F
LIMS ID: 05-11886
Matrix: Sediment
Data Release Authorized:
Reported: 08/04/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/13/05
Date Received: 07/18/05

Date Extracted: 07/25/05
Date Analyzed: 08/03/05 02:25
Instrument/Analyst: NT4/LJR
GPC Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 13.3%
pH: 8.0

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	---
100-51-6	Benzyl Alcohol	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	20	---
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	---
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
87-86-5	Pentachlorophenol	98	---
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	---
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

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	63.2%	2-Fluorobiphenyl	67.2%
d14-p-Terphenyl	69.6%	d4-1,2-Dichlorobenzene	57.2%
d5-Phenol	66.4%	2-Fluorophenol	64.5%
2,4,6-Tribromophenol	69.3%	d4-2-Chlorophenol	65.1%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem3/nt4.i/20050802a.b/ih28fms.d
Lab Smp Id: IH28FMS Client Smp ID: AN-RI-SEDC-09C MS
Inj Date : 03-AUG-2005 02:25
Operator : VS Inst ID: nt4.i
Smp Info : IH28FMS
Misc Info : 05-11886
Comment : 1ul Injection
Method : /chem3/nt4.i/20050802a.b/SW846.m
Meth Date : 03-Aug-2005 14:24 jeff Quant Type: ISTD
Cal Date : 02-AUG-2005 20:22 Cal File: 0100802.d
Als bottle: 18 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	29.40000	Weight of sample extracted (g)
M	13.30000	% 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	5.201	5.135	(0.700)	198542	24.1671	474.1
$ 2	Phenol-d5	99	7.124	7.112	(0.959)	265359	24.9265	489.0
3	Phenol	94	7.140	7.139	(0.961)	315604	25.4424	499.1
$ 5	2-Chlorophenol-d4	132	7.124	7.117	(0.959)	207243	24.3869	478.4
4	Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6	2-Chlorophenol	128	7.151	7.144	(0.963)	205046	25.3735	497.7
7	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8	1,4-Dichlorobenzene-d4	152	7.429	7.427	(1.000)	117392	20.0000	
9	1,4-Dichlorobenzene	146	7.456	7.459	(1.004)	135045	15.0961	296.1
$ 10	1,2-Dichlorobenzene-d4	152	7.749	7.753	(1.043)	77017	14.3251	281.0
12	1,2-Dichlorobenzene	146	Compound Not Detected.					
11	Benzyl alcohol	108	Compound Not Detected.					
14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13	2-Methylphenol	108	Compound Not Detected.					
17	Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
16	N-Nitroso-di-n-propylamine	70	8.326	8.346	(1.121)	106222	13.7205	269.1
15	4-Methylphenol	108	Compound Not Detected.					
$ 18	Nitrobenzene-d5	82	8.460	8.469	(0.883)	183347	15.8264	310.4
19	Nitrobenzene	77	Compound Not Detected.					
20	Isophorone	82	Compound Not Detected.					
21	2-Nitrophenol	139	Compound Not Detected.					
22	2,4-Dimethylphenol	107	Compound Not Detected.					
23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
24	Benzoic acid	105	Compound Not Detected.					
25	2,4-Dichlorophenol	162	Compound Not Detected.					
26	1,2,4-Trichlorobenzene	180	9.534	9.537	(0.996)	115649	16.5490	324.6
* 27	Naphthalene-d8	136	9.576	9.585	(1.000)	432806	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	10.704	10.691	(1.118)	215934	29.0723	570.3(M)
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	11.409	11.412	(0.918)	257904	16.8390	330.3
37	2-Chloronaphthalene	162	Compound Not Detected.					
38	2-Nitroaniline	65	Compound Not Detected.					
39	Dimethylphthalate	163	Compound Not Detected.					
40	Acenaphthylene	152	Compound Not Detected.					
41	2,6-Dinitrotoluene	165	Compound Not Detected.					
* 42	Acenaphthene-d10	164	12.424	12.427	(1.000)	234708	20.0000	
43	3-Nitroaniline	138	Compound Not Detected.					
44	Acenaphthene	153	12.472	12.475	(1.004)	245745	17.3456	340.2
45	2,4-Dinitrophenol	184	Compound Not Detected.					
46	Dibenzofuran	168	Compound Not Detected.					
47	4-Nitrophenol	109	12.878	12.855	(1.037)	72486	30.6843	601.9(M)
48	2,4-Dinitrotoluene	165	12.878	12.887	(1.037)	77123	17.8601	350.3
50	Diethylphthalate	149	Compound Not Detected.					
49	Fluorene	166	Compound Not Detected.					
51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
52	4-Nitroaniline	138	Compound Not Detected.					
53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.706	13.709	(1.103)	39026	25.9536	509.1(M)
56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	14.619	14.607	(0.992)	54112	25.3112	496.5(M)
* 59	Phenanthrene-d10	188	14.742	14.746	(1.000)	345768	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	15.923	15.932	(1.080)	21949	0.98177 LOL	19.26
	64 Fluoranthene	202	Compound Not Detected.					
	65 Pyrene	202	17.013	17.016	(0.897)	397992	17.6899	347.0
$	66 Terphenyl-d14	244	17.381	17.385	(0.916)	232996	17.3597	340.5
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	Compound Not Detected.					
*	69 Chrysene-d12	240	18.973	18.982	(1.000)	287935	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	20.218	20.227	(1.000)	512361	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	21.099	21.103	(1.000)	281499	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.					

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: ih28fms.d
Lab Smp Id: IH28FMS
Analysis Type: SV
Quant Type: ISTD
Operator: VS
Method File: /chem3/nt4.i/20050802a.b/SW846.m
Misc Info: 05-11886

Calibration Date: 02-AUG-2005
Calibration Time: 21:28
Client Smp ID: AN-RI-SEDC-09C M
Level: LOW
Sample Type: Sediment

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	121607	60804	243214	117392	-3.47
27 Naphthalene-d8	430121	215060	860242	432806	0.62
42 Acenaphthene-d10	229587	114794	459174	234708	2.23
59 Phenanthrene-d10	343054	171527	686108	345768	0.79
69 Chrysene-d12	260573	130286	521146	287935	10.50
134 Di-n-octylphthala	469301	234650	938602	512361	9.18
77 Perylene-d12	283780	141890	567560	281499	-0.80

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.43	6.93	7.93	7.43	0.02
27 Naphthalene-d8	9.59	9.09	10.09	9.58	-0.09
42 Acenaphthene-d10	12.43	11.93	12.93	12.42	-0.03
59 Phenanthrene-d10	14.75	14.25	15.25	14.74	-0.02
69 Chrysene-d12	18.98	18.48	19.48	18.97	-0.05
134 Di-n-octylphthala	20.23	19.73	20.73	20.22	-0.04
77 Perylene-d12	21.10	20.60	21.60	21.10	-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: ANCHOR
Sample Matrix: SOLID
Lab Smp Id: IH28FMS
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDAMS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20050802a.b/SW846.m
Misc Info: 05-11886

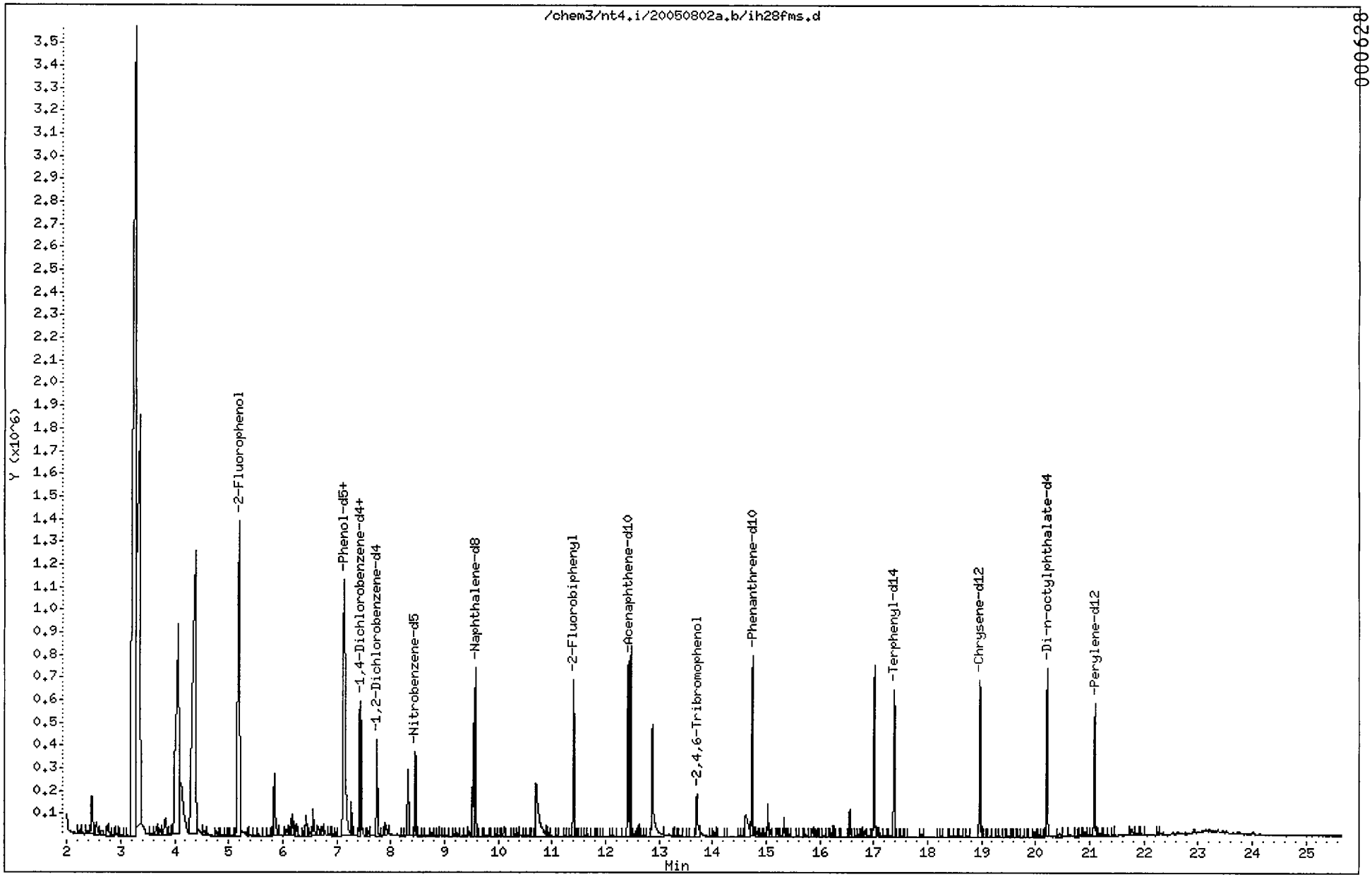
Client SDG: IH28
Fraction: SV
Client Smp ID: AN-RI-SEDC-09C MS
Operator: VS
SampleType: MS
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	735.6	499.1	67.85	32-121
6	2-Chlorophenol	735.6	497.7	67.66	39-111
9	1,4-Dichlorobenzen	490.4	296.1	60.38	34-88
16	N-Nitroso-di-n-pro	490.4	269.1	54.88	24-100
26	1,2,4-Trichloroben	490.4	324.6	66.20	41-91
31	4-Chloro-3-methylp	735.6	570.3	77.53	48-110
44	Acenaphthene	490.4	340.2	69.38	48-108
47	4-Nitrophenol	735.6	601.9	81.82	27-155
48	2,4-Dinitrotoluene	490.4	350.3	71.44	30-124
58	Pentachlorophenol	735.6	496.5	67.50	28-151
65	Pyrene	490.4	347.0	70.76	10-153

	SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	735.6	474.1	64.45	24-112
$ 2	Phenol-d5	735.6	489.0	66.47	29-109
$ 5	2-Chlorophenol-d4	735.6	478.4	65.03	34-101
$ 10	1,2-Dichlorobenzen	490.4	281.0	57.30	30-84
$ 18	Nitrobenzene-d5	490.4	310.4	63.31	28-103
$ 36	2-Fluorobiphenyl	490.4	330.3	67.36	33-104
$ 55	2,4,6-Tribromophen	735.6	509.1	69.21	27-134
$ 66	Terphenyl-d14	490.4	340.5	69.44	31-120

Data File: /chem3/nt4.i/20050802a.b/ih28fms.d
Date : 03-AUG-2005 02:25
Client ID: AN-RI-SEDC-09C MS
Sample Info: IH28FMS
Volume Injected (uL): 1.0
Column phase: RTX-5

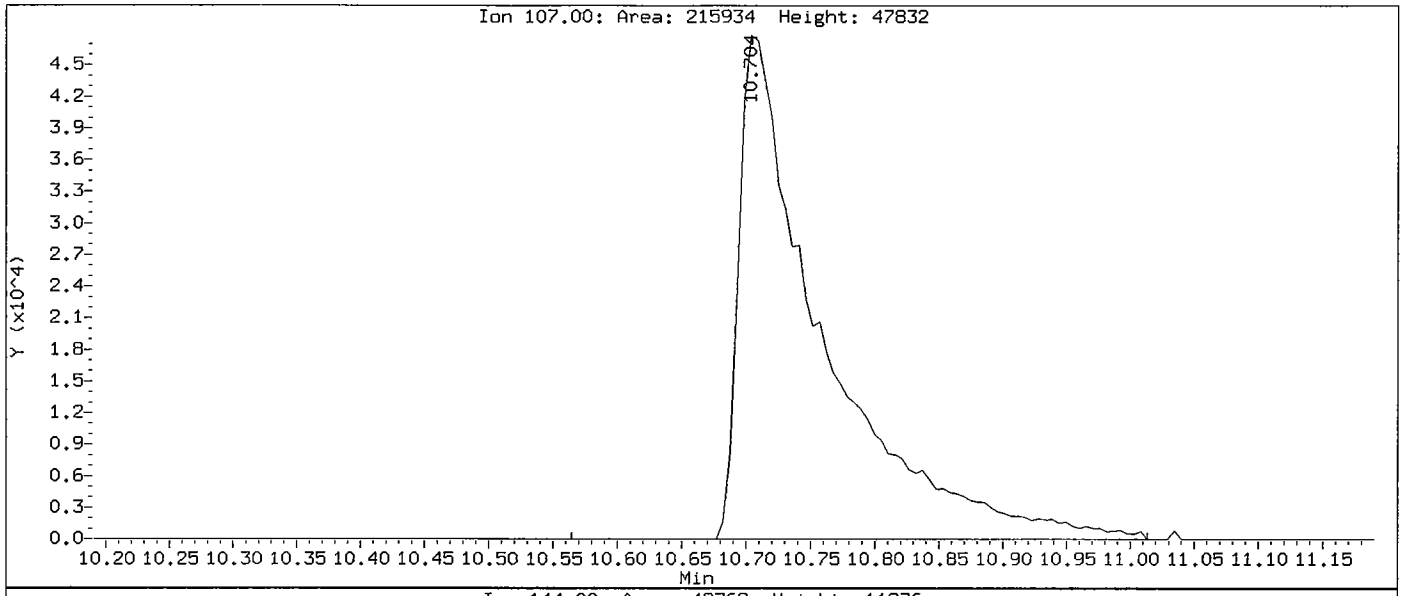
Instrument: nt4.i
Operator: VS
Column diameter: 0.32

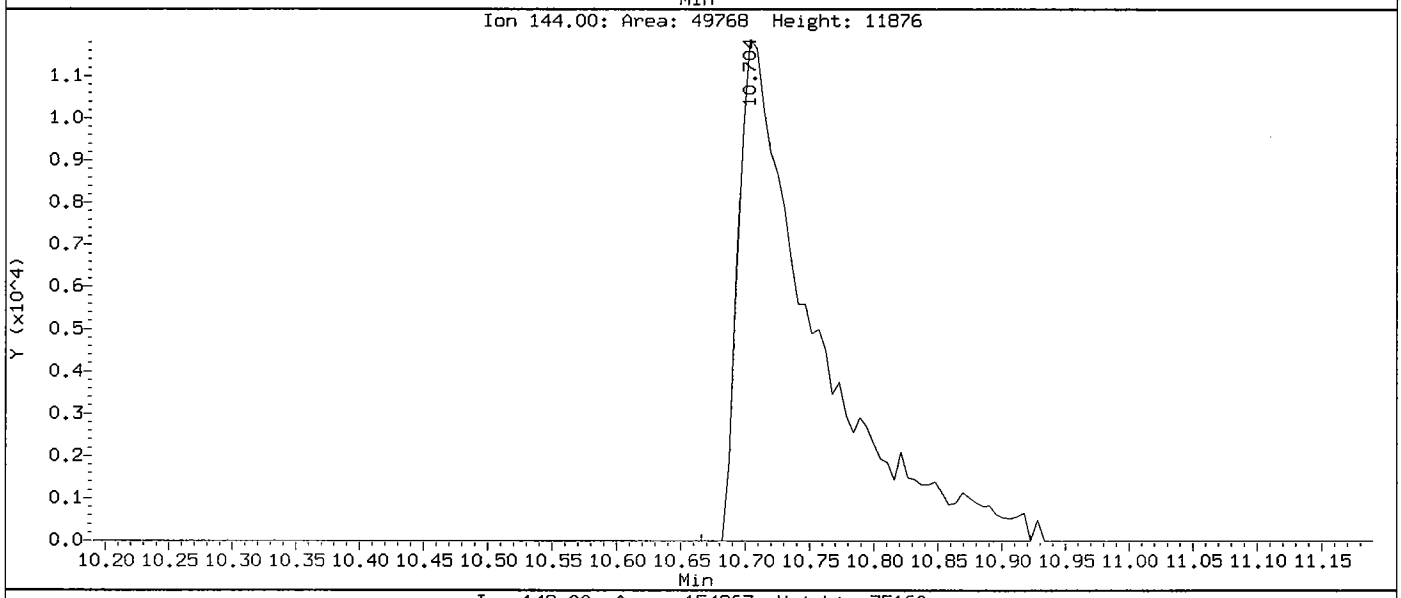


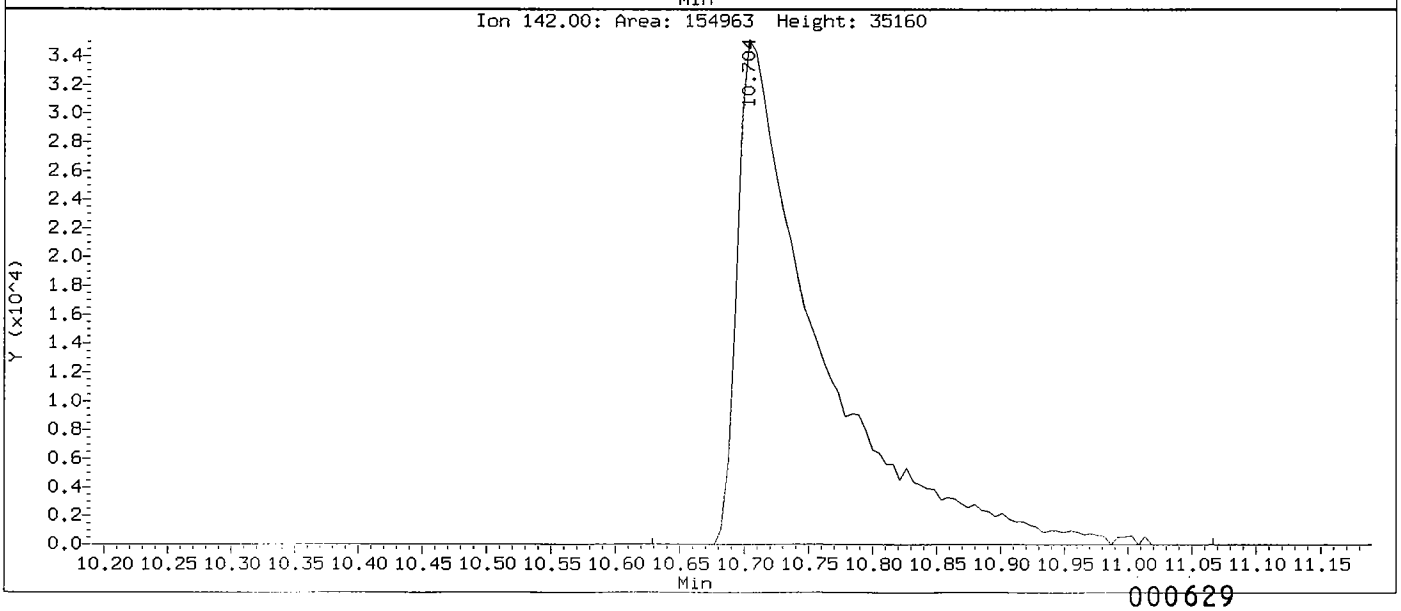
000628

Data File: /chem3/nt4.i/20050802a.b/ih28fms.d
Injection Date: 03-AUG-2005 02:25
Instrument: nt4.i
Client Sample ID: AN-RI-SEDC-09C MS

Compound: 4-Chloro-3-methylphenol
CAS Number: 59-50-7

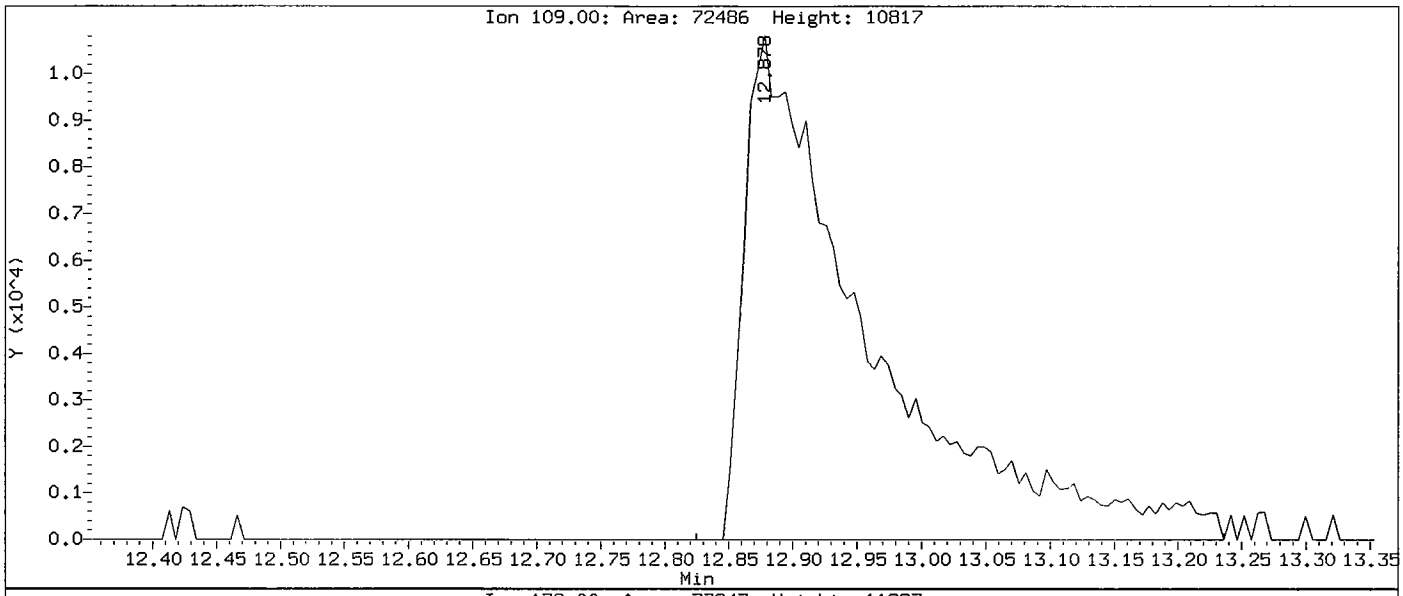


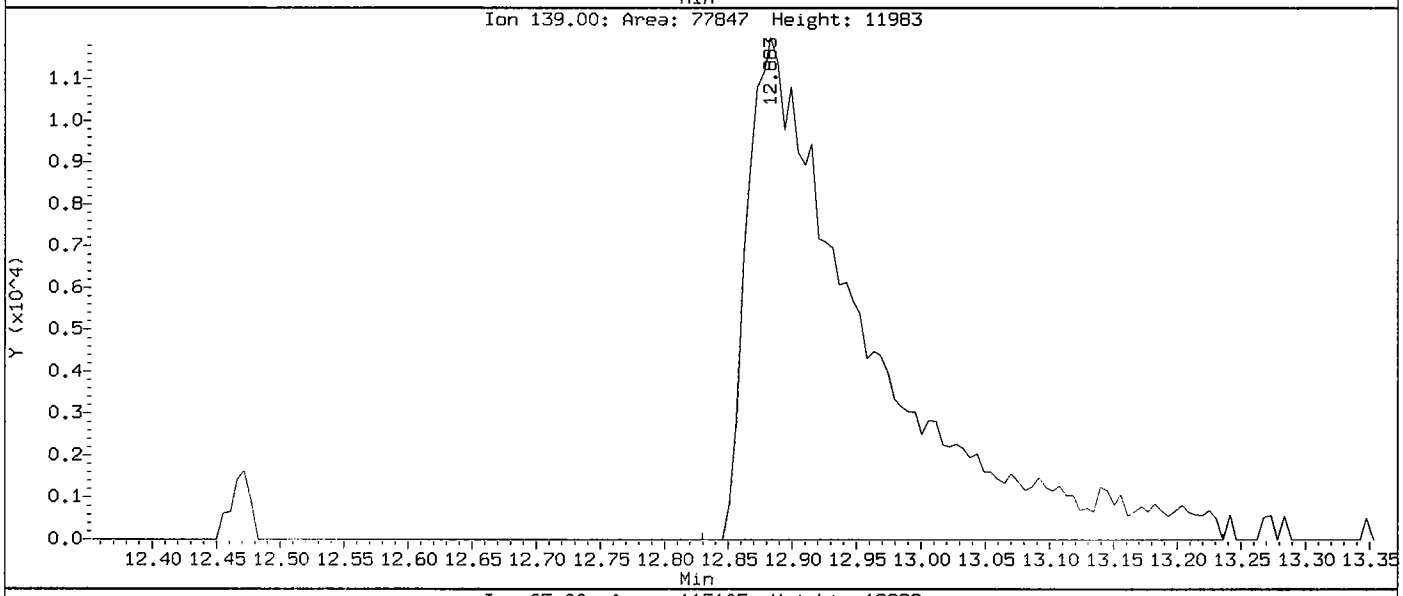


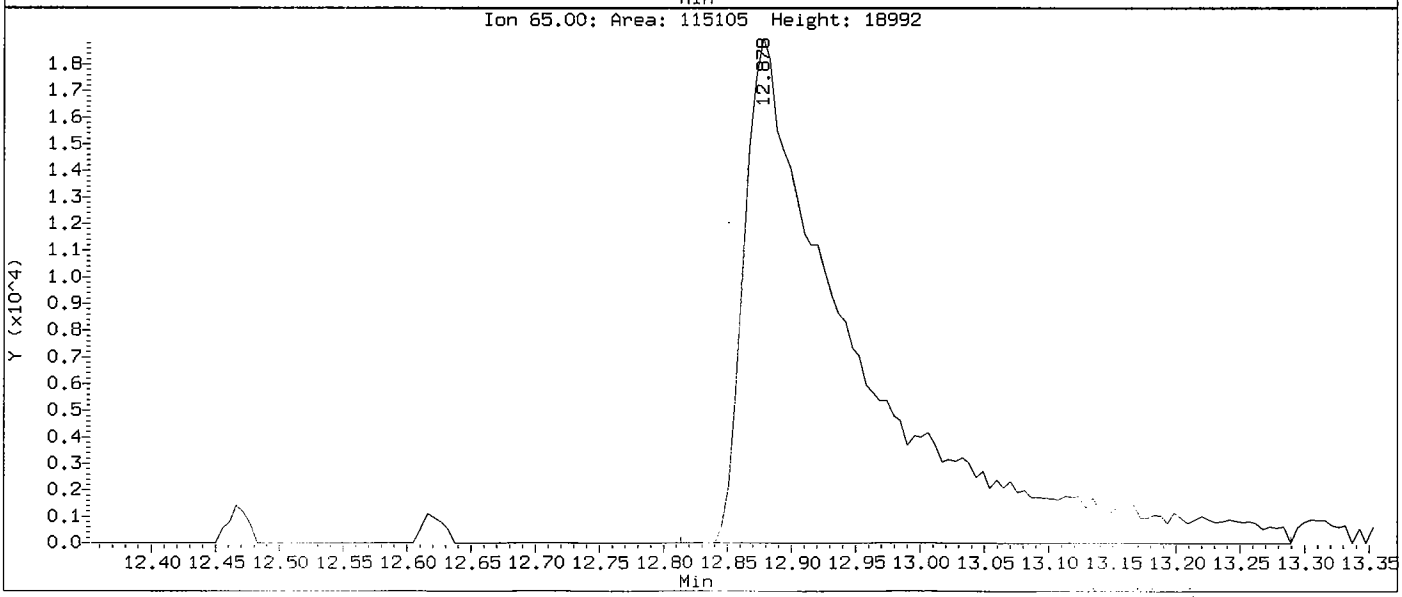


Data File: /chem3/nt4.i/20050802a.b/ih28fms.d
Injection Date: 03-AUG-2005 02:25
Instrument: nt4.i
Client Sample ID: AN-RI-SEDC-09C MS

Compound: 4-Nitrophenol
CAS Number: 100-02-7

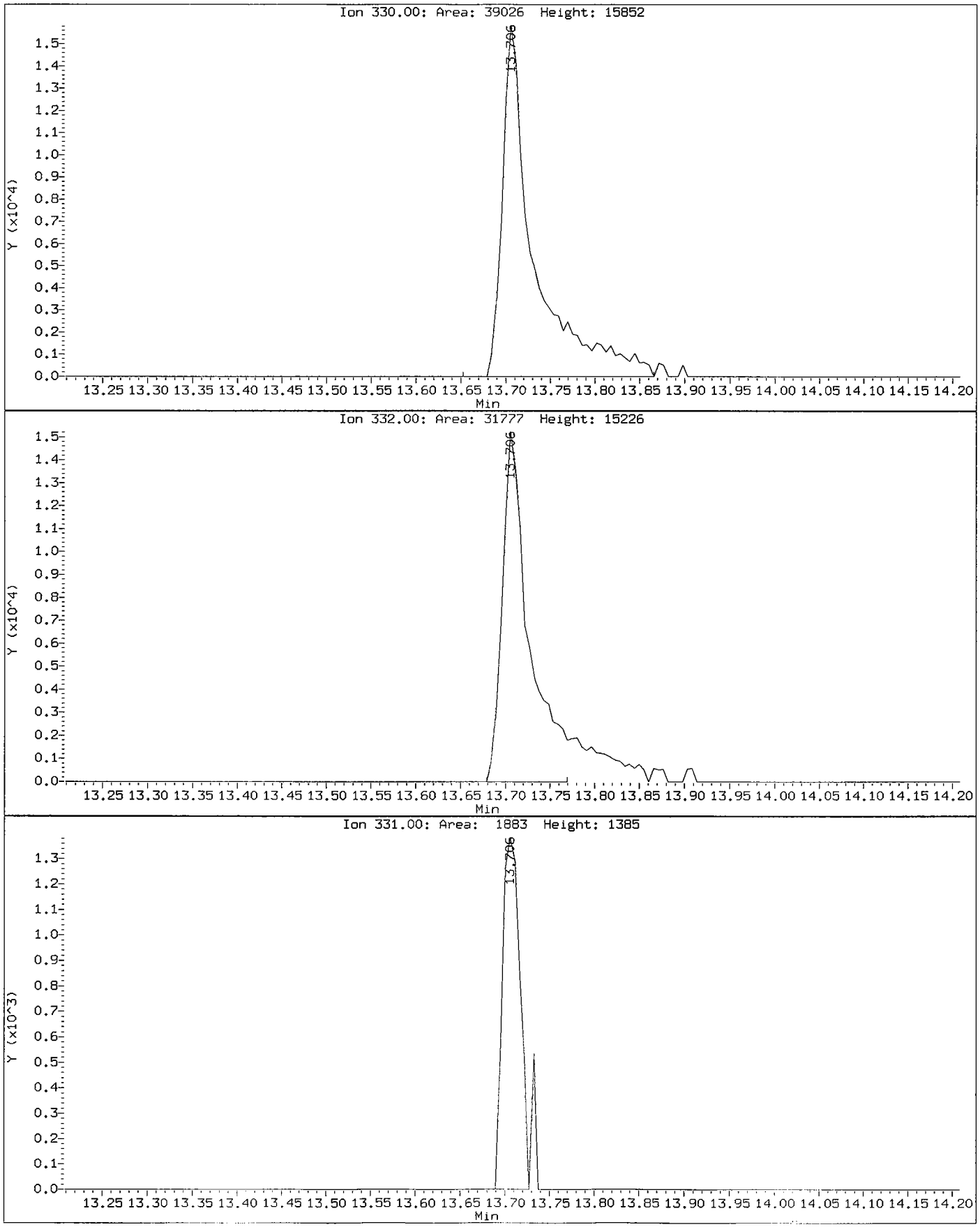






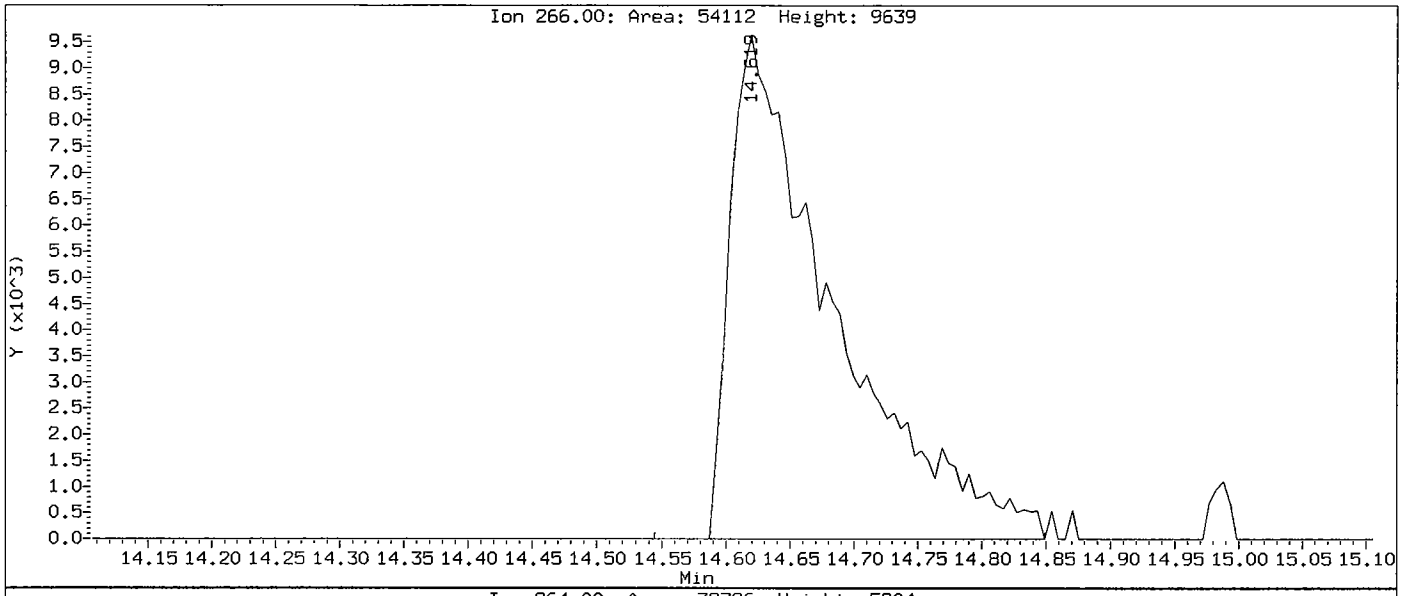
Data File: /chem3/nt4.i/20050802a.b/ih28fms.d
Injection Date: 03-AUG-2005 02:25
Instrument: nt4.i
Client Sample ID: AN-RI-SEDC-09C MS

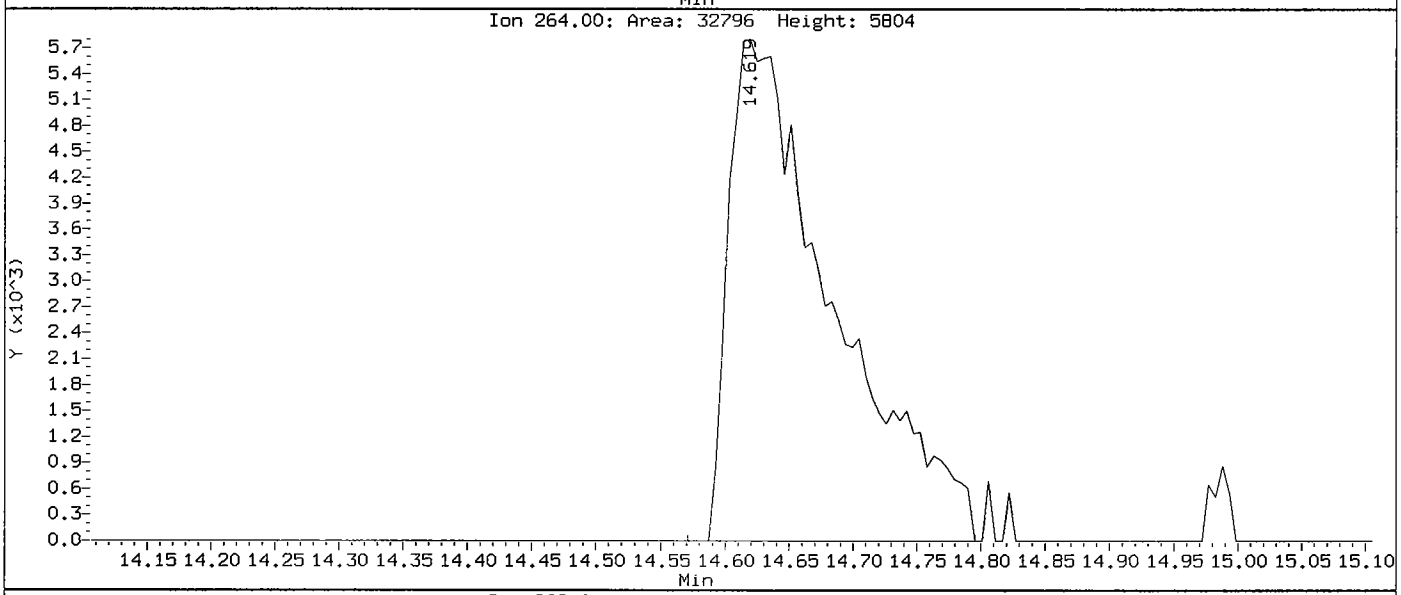
Compound: 2,4,6-Tribromophenol
CAS Number: 118-79-6

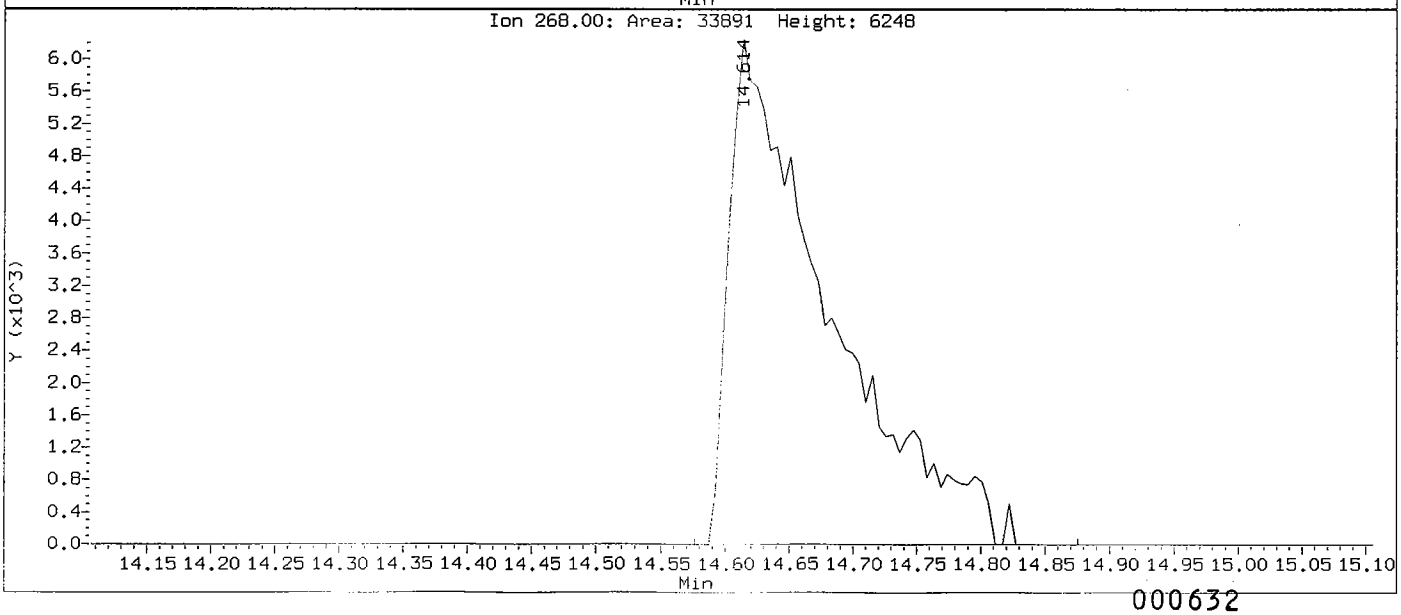


Data File: /chem3/nt4.i/20050802a.b/ih28fms.d
Injection Date: 03-AUG-2005 02:25
Instrument: nt4.i
Client Sample ID: AN-RI-SEDC-09C MS

Compound: Pentachlorophenol
CAS Number: 87-86-5







ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: AN-RI-SEDC-09C
MATRIX SPIKE DUPLICATE

Lab Sample ID: IH28F
LIMS ID: 05-11886
Matrix: Sediment
Data Release Authorized:
Reported: 08/04/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/13/05
Date Received: 07/18/05

Date Extracted: 07/25/05
Date Analyzed: 08/03/05 02:58
Instrument/Analyst: NT4/LJR
GPC Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 13.3%
pH: 8.0

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	---
100-51-6	Benzyl Alcohol	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	20	---
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	---
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
87-86-5	Pentachlorophenol	97	---
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	---
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

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.0%	2-Fluorobiphenyl	62.0%
d14-p-Terphenyl	66.4%	d4-1,2-Dichlorobenzene	52.4%
d5-Phenol	61.9%	2-Fluorophenol	58.9%
2,4,6-Tribromophenol	66.4%	d4-2-Chlorophenol	61.1%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem3/nt4.i/20050802a.b/ih28fmd.d
Lab Smp Id: IH28FMSD Client Smp ID: AN-RI-SEDC-09C MSD
Inj Date : 03-AUG-2005 02:58
Operator : VS Inst ID: nt4.i
Smp Info : IH28FMSD
Misc Info : 05-11886
Comment : 1ul Injection
Method : /chem3/nt4.i/20050802a.b/SW846.m
Meth Date : 03-Aug-2005 14:24 jeff Quant Type: ISTD
Cal Date : 02-AUG-2005 20:22 Cal File: 0100802.d
Als bottle: 19 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	29.60000	Weight of sample extracted (g)
M	13.30000	% 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	5.204	5.135	(0.701)	170257	22.0551	429.7
$ 2	Phenol-d5	99	7.122	7.112	(0.959)	232469	23.2394	452.8
3	Phenol	94	7.138	7.139	(0.961)	277320	23.7919	463.5
$ 5	2-Chlorophenol-d4	132	7.122	7.117	(0.959)	182936	22.9091	446.3
4	Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6	2-Chlorophenol	128	7.149	7.144	(0.963)	184936	24.3547	474.5
7	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8	1,4-Dichlorobenzene-d4	152	7.427	7.427	(1.000)	110308	20.0000	
9	1,4-Dichlorobenzene	146	7.453	7.459	(1.004)	118683	14.1191	275.1
$ 10	1,2-Dichlorobenzene-d4	152	7.747	7.753	(1.043)	65953	13.0580	254.4
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.					

	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	8.324	8.346	(1.121)	93157	12.8056	249.5
15	4-Methylphenol	108	Compound Not Detected.					
$ 18	Nitrobenzene-d5	82	8.458	8.469	(0.883)	159769	14.5046	282.6
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	9.531	9.537	(0.995)	101361	15.2848	297.2
* 27	Naphthalene-d8	136	9.579	9.585	(1.000)	411517	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	10.707	10.691	(1.118)	199141	28.1983	549.4(M)
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	11.406	11.412	(0.918)	221566	15.5432	302.8
37	2-Chloronaphthalene	162	Compound Not Detected.					
38	2-Nitroaniline	65	Compound Not Detected.					
39	Dimethylphthalate	163	Compound Not Detected.					
40	Acenaphthylene	152	Compound Not Detected.					
41	2,6-Dinitrotoluene	165	Compound Not Detected.					
* 42	Acenaphthene-d10	164	12.421	12.427	(1.000)	218449	20.0000	
43	3-Nitroaniline	138	Compound Not Detected.					
44	Acenaphthene	153	12.470	12.475	(1.004)	221969	16.8335	328.0
45	2,4-Dinitrophenol	184	Compound Not Detected.					
46	Dibenzofuran	168	Compound Not Detected.					
47	4-Nitrophenol	109	12.881	12.855	(1.037)	66371	30.1867	588.1(M)
48	2,4-Dinitrotoluene	165	12.876	12.887	(1.037)	71891	17.8876	348.5
50	Diethylphthalate	149	Compound Not Detected.					
49	Fluorene	166	Compound Not Detected.					
51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
52	4-Nitroaniline	138	Compound Not Detected.					
53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.704	13.709	(1.103)	34917	24.9494	486.1(M)
56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	14.606	14.607	(0.991)	63505	30.9456	602.9(M)
* 59	Phenanthrene-d10	188	14.740	14.746	(1.000)	331894	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	17.010	17.016	(0.896)	376662	17.0565	332.3
$ 66	Terphenyl-d14	244	17.379	17.385	(0.916)	218953	16.6201	323.8
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	18.976	18.982	(1.000)	282622	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	20.216	20.227	(1.000)	502300	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	21.097	21.103	(1.000)	269150	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.					

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: ih28fmd.d
Lab Smp Id: IH28FMSD
Analysis Type: SV
Quant Type: ISTD
Operator: VS
Method File: /chem3/nt4.i/20050802a.b/SW846.m
Misc Info: 05-11886

Calibration Date: 02-AUG-2005
Calibration Time: 21:28
Client Smp ID: AN-RI-SEDC-09C M
Level: LOW
Sample Type: Sediment

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	121607	60804	243214	110308	-9.29
27 Naphthalene-d8	430121	215060	860242	411517	-4.33
42 Acenaphthene-d10	229587	114794	459174	218449	-4.85
59 Phenanthrene-d10	343054	171527	686108	331894	-3.25
69 Chrysene-d12	260573	130286	521146	282622	8.46
134 Di-n-octylphthala	469301	234650	938602	502300	7.03
77 Perylene-d12	283780	141890	567560	269150	-5.16

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.43	6.93	7.93	7.43	-0.01
27 Naphthalene-d8	9.59	9.09	10.09	9.58	-0.06
42 Acenaphthene-d10	12.43	11.93	12.93	12.42	-0.05
59 Phenanthrene-d10	14.75	14.25	15.25	14.74	-0.04
69 Chrysene-d12	18.98	18.48	19.48	18.98	-0.03
134 Di-n-octylphthala	20.23	19.73	20.73	20.22	-0.06
77 Perylene-d12	21.10	20.60	21.60	21.10	-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

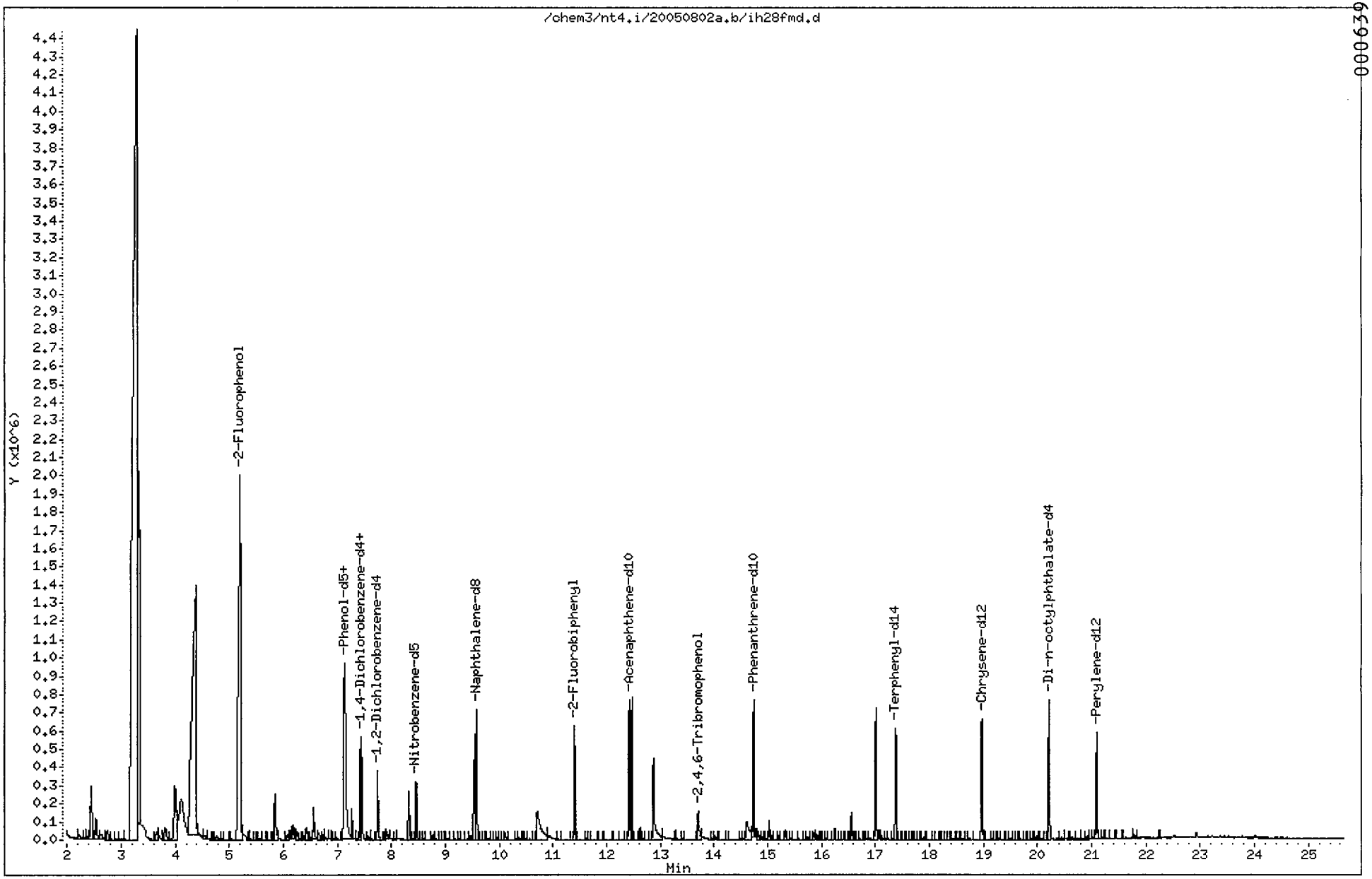
Client Name: ANCHOR
Sample Matrix: SOLID
Lab Smp Id: IH28FMSD
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDAMS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20050802a.b/SW846.m
Misc Info: 05-11886

Client SDG: IH28
Fraction: SV
Client Smp ID: AN-RI-SEDC-09C MSD
Operator: VS
SampleType: MSD
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	730.6	463.5	63.45	32-121
6	2-Chlorophenol	730.6	474.5	64.95	39-111
9	1,4-Dichlorobenzen	487.1	275.1	56.48	34-88
16	N-Nitroso-di-n-pro	487.1	249.5	51.22	24-100
26	1,2,4-Trichloroben	487.1	297.2	61.02	41-91
31	4-Chloro-3-methylp	730.6	549.4	75.20	48-110
44	Acenaphthene	487.1	328.0	67.33	48-108
47	4-Nitrophenol	730.6	588.1	80.50	27-155
48	2,4-Dinitrotoluene	487.1	348.5	71.55	30-124
58	Pentachlorophenol	730.6	602.9	82.52	28-151
65	Pyrene	487.1	332.3	68.23	10-153

	SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	730.6	429.7	58.81	24-112
$ 2	Phenol-d5	730.6	452.8	61.97	29-109
$ 5	2-Chlorophenol-d4	730.6	446.3	61.09	34-101
$ 10	1,2-Dichlorobenzen	487.1	254.4	52.22	30-84
$ 18	Nitrobenzene-d5	487.1	282.6	58.02	28-103
$ 36	2-Fluorobiphenyl	487.1	302.8	62.17	33-104
$ 55	2,4,6-Tribromophen	730.6	486.1	66.53	27-134
$ 66	Terphenyl-d14	487.1	323.8	66.48	31-120

Data File: /chem3/nt4.i/20050802a.b/ih28fmd.d
Date : 03-AUG-2005 02:58
Client ID: AN-RI-SEDC-09C MSD
Instrument: nt4.i
Sample Info: IH28FMSD
Volume Injected (uL): 1.0
Operator: VS
Column phase: RTX-5
Column diameter: 0.32



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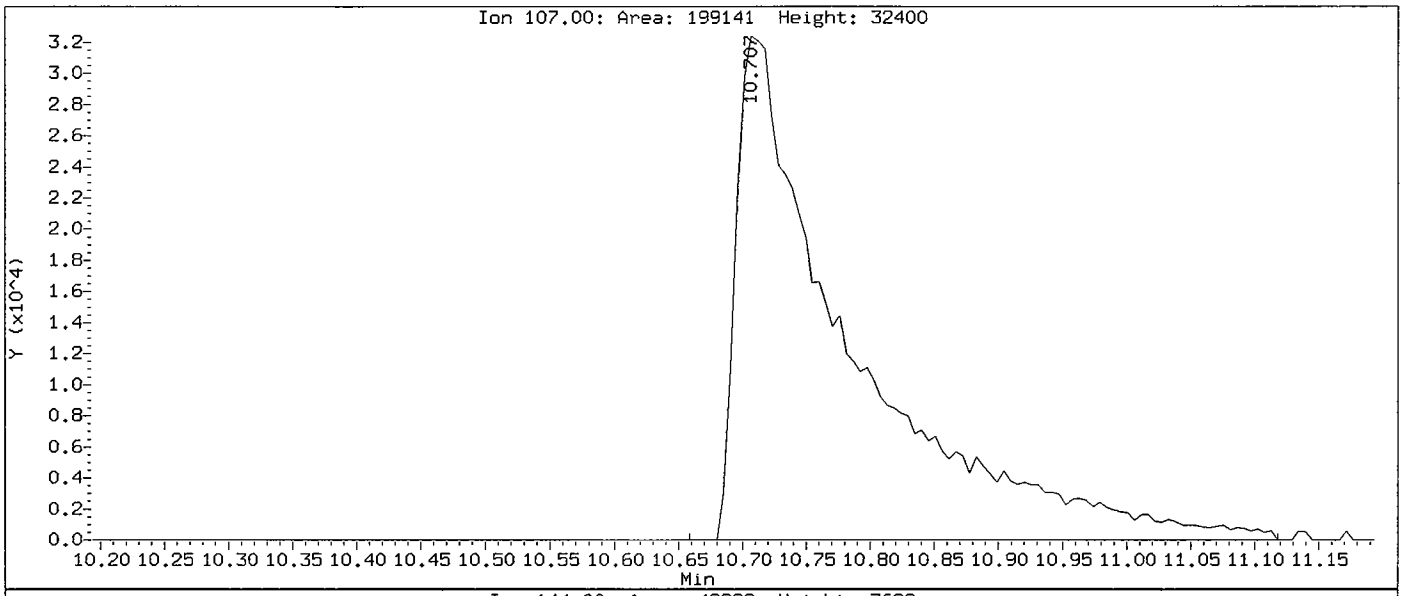
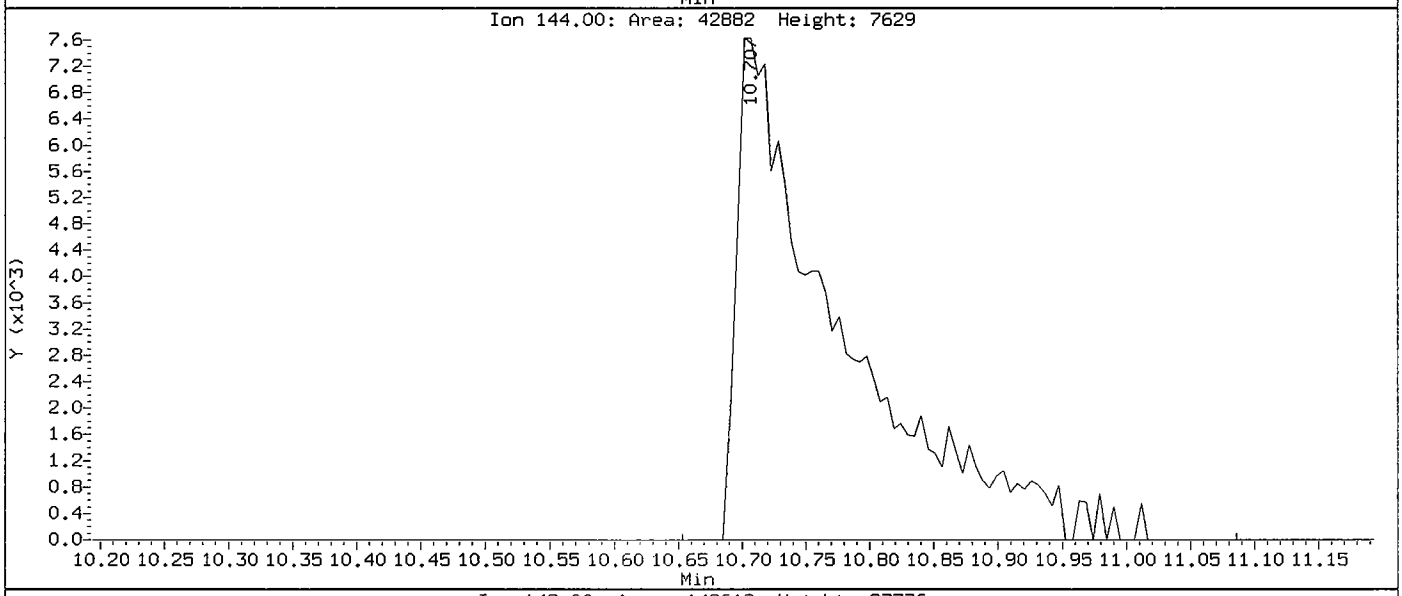
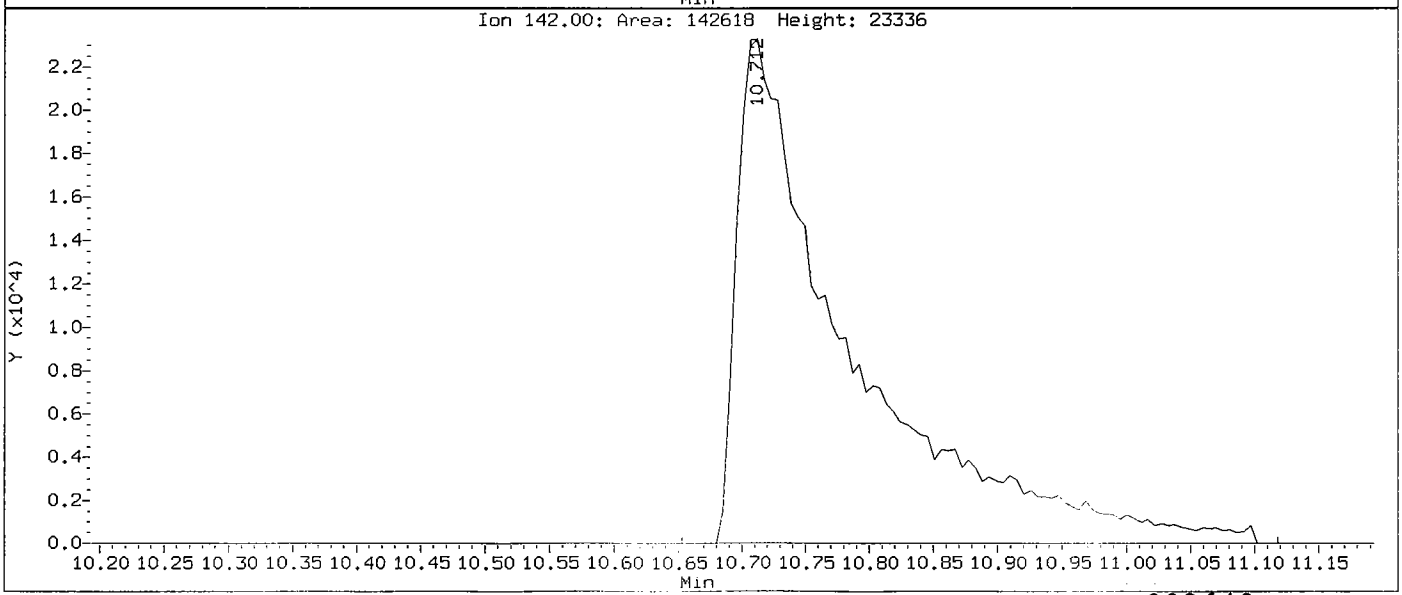
Injection Date: 03-AUG-2005 02:58
Instrument: nt4.i
Client Sample ID: AN-RI-SEDC-09C MSD

Compound: 4-Chloro-3-methylphenol
CAS Number: 59-50-7







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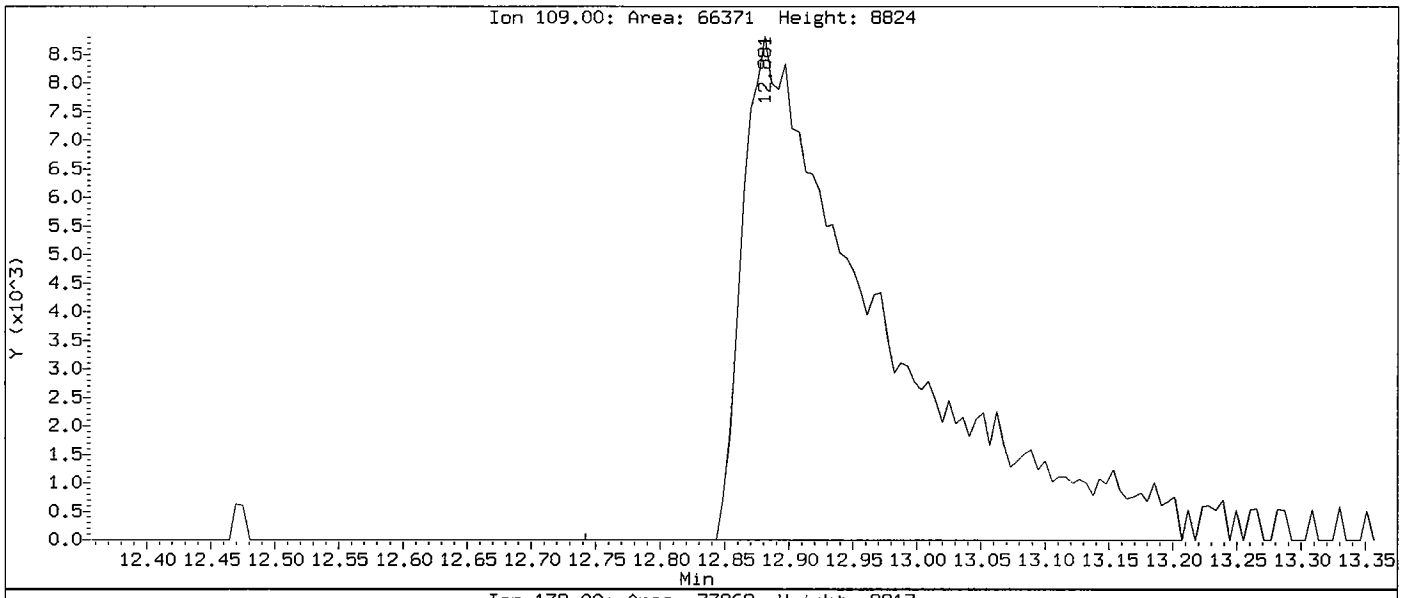
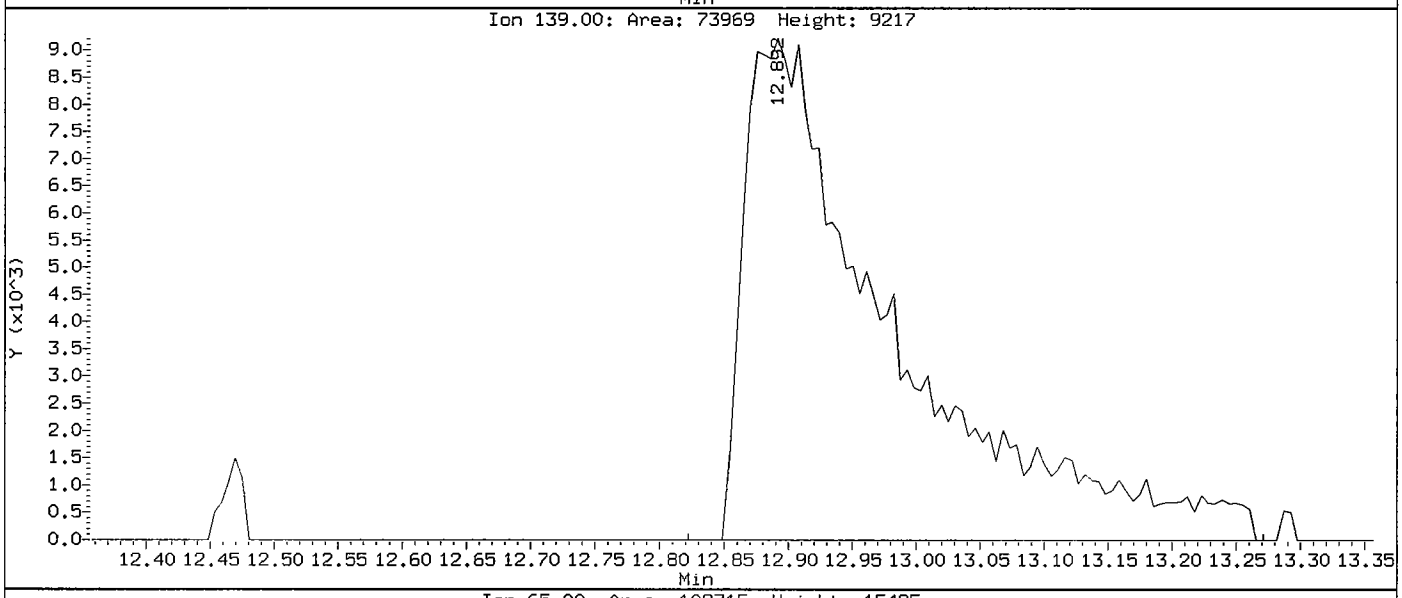
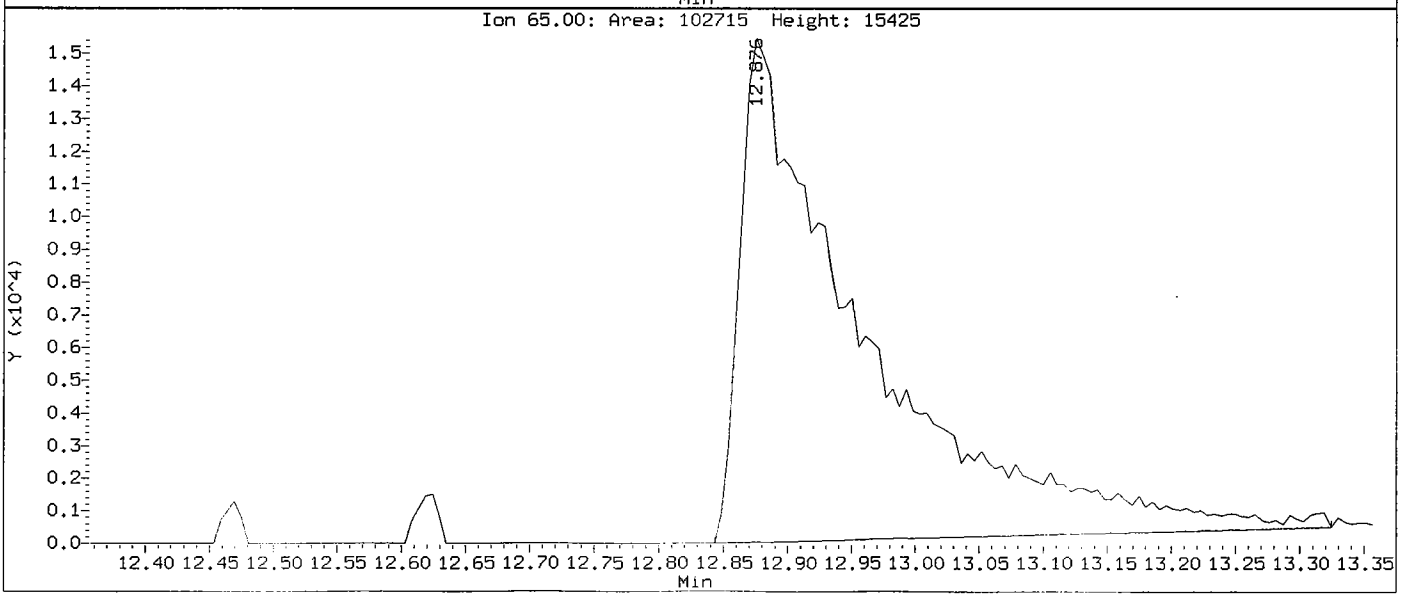
Injection Date: 03-AUG-2005 02:58
Instrument: nt4.i
Client Sample ID: AN-RI-SEDC-09C MSD

Compound: 4-Nitrophenol
CAS Number: 100-02-7







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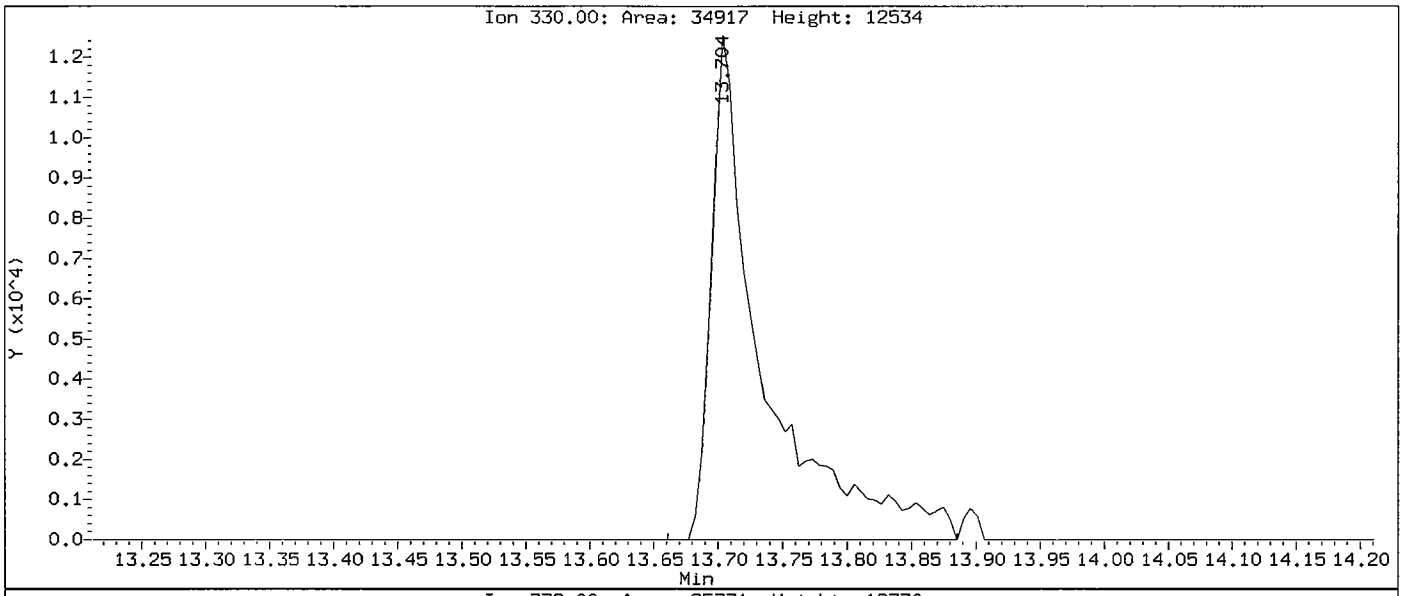
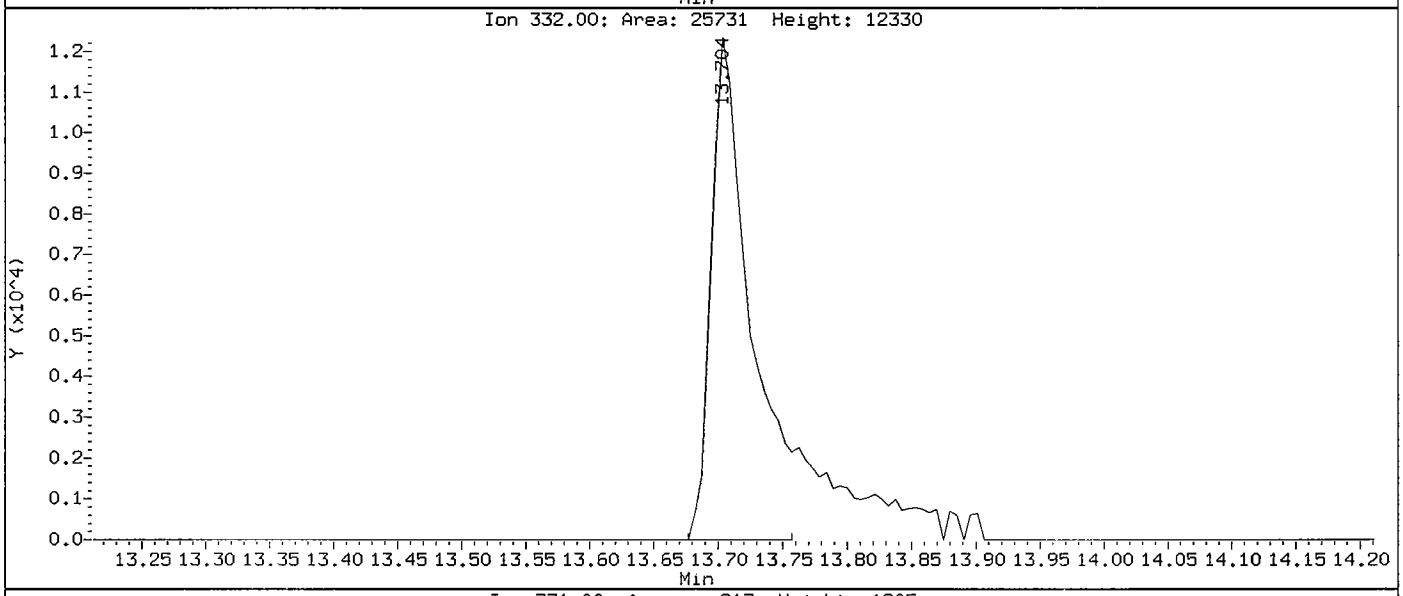
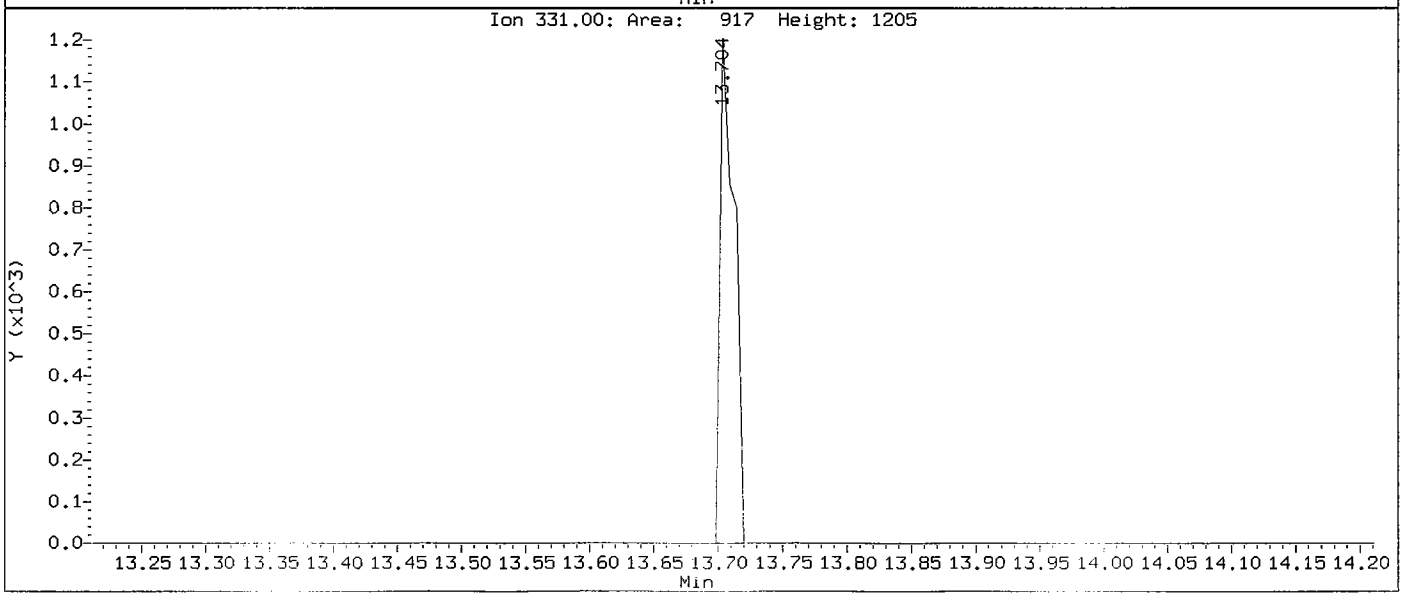
Injection Date: 03-AUG-2005 02:58
Instrument: nt4.i
Client Sample ID: AN-RI-SEDC-09C MSD

Compound: 2,4,6-Tribromophenol
CAS Number: 118-79-6







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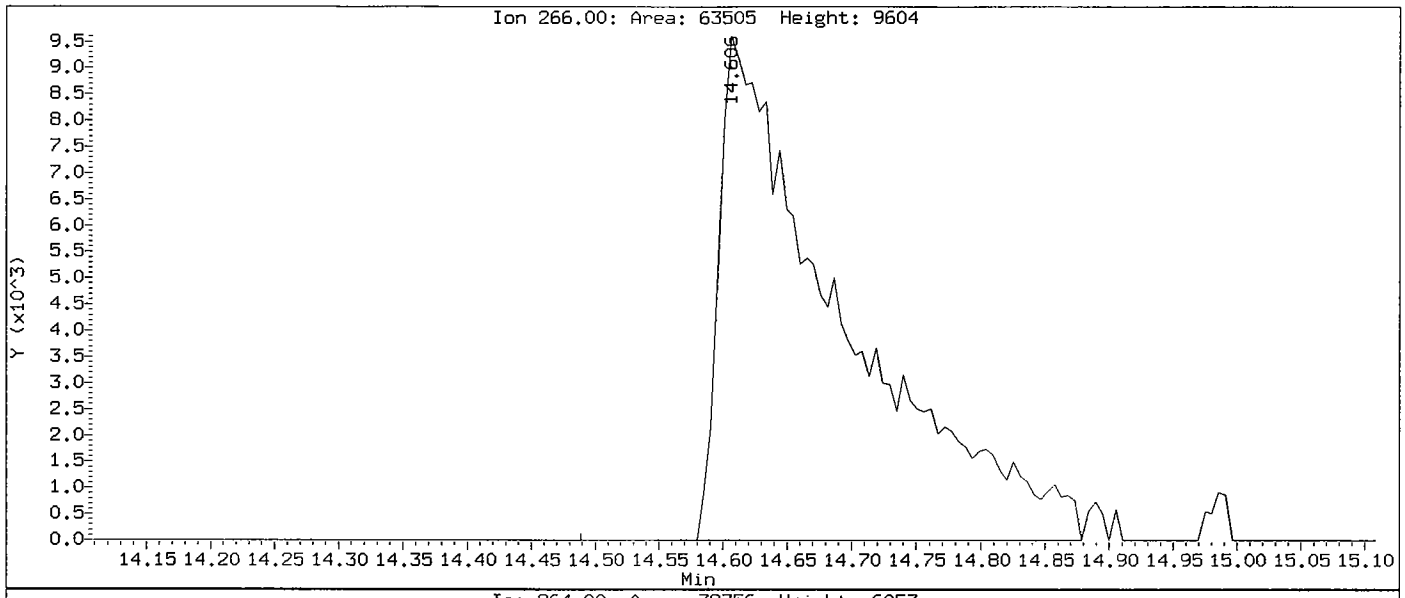
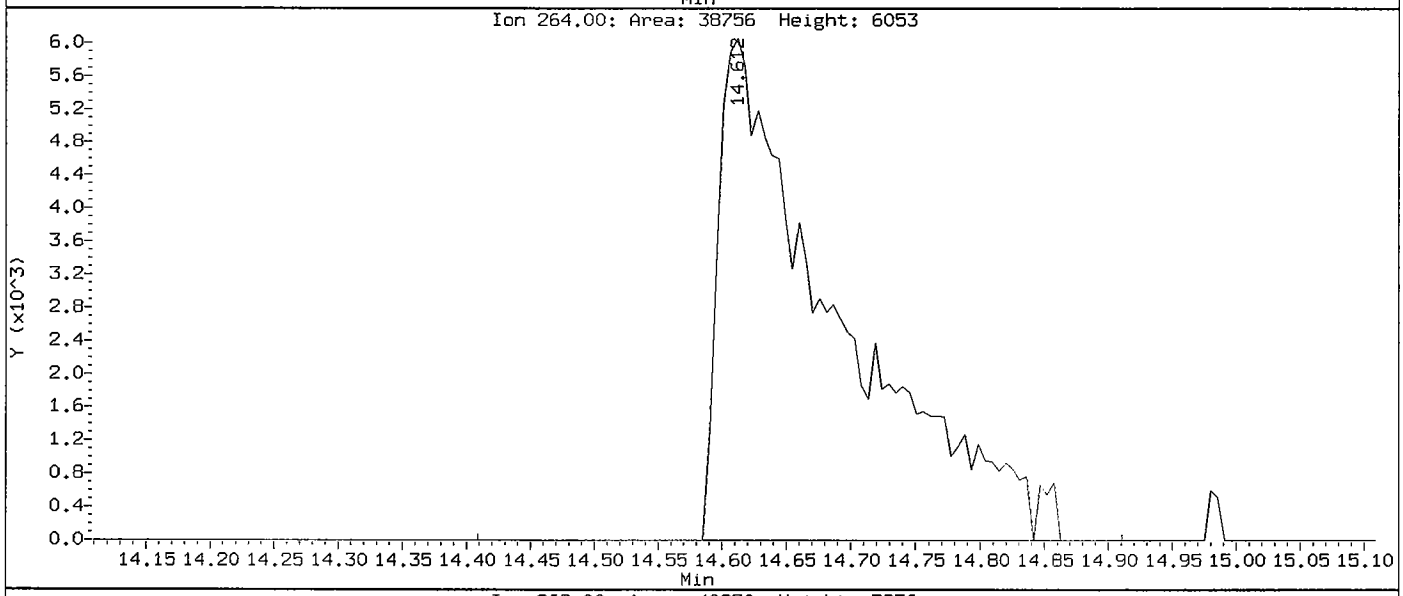
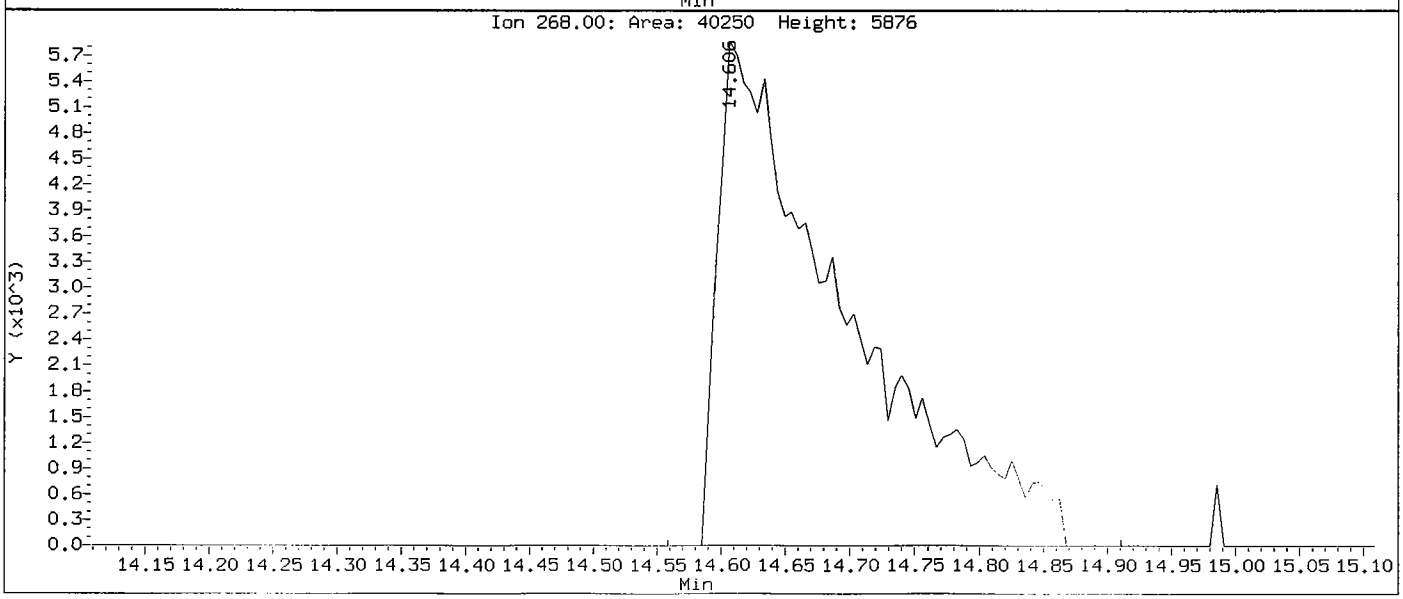
Injection Date: 03-AUG-2005 02:58
Instrument: nt4.i
Client Sample ID: AN-RI-SEDC-09C MSD

Compound: Pentachlorophenol
CAS Number: 87-86-5







ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: SQ-1 072505**
Page 1 of 1 **STANDARD REFERENCE**

Lab Sample ID: SRM-072505
LIMS ID: 05-11886
Matrix: Sediment
Data Release Authorized:
Reported: 08/04/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: NA
Date Received: NA

Date Extracted: 07/25/05
Date Analyzed: 08/03/05 00:14
Instrument/Analyst: NT4/LJR
GPC Cleanup: No

Sample Amount: 17.9 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 40.2%
pH: NA

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**28**	**55**
100-51-6	**Benzyl Alcohol**	**28**	**46**
95-48-7	2-Methylphenol	28	< 28 U
106-44-5	**4-Methylphenol**	**28**	**31**
67-72-1	Hexachloroethane	28	< 28 U
105-67-9	2,4-Dimethylphenol	28	< 28 U
65-85-0	**Benzoic Acid**	**280**	**380**
120-82-1	1,2,4-Trichlorobenzene	28	< 28 U
91-20-3	**Naphthalene**	**28**	**59**
87-68-3	Hexachlorobutadiene	28	< 28 U
91-57-6	**2-Methylnaphthalene**	**28**	**84**
131-11-3	Dimethylphthalate	28	< 28 U
208-96-8	Acenaphthylene	28	< 28 U
83-32-9	**Acenaphthene**	**28**	**74**
132-64-9	Dibenzofuran	28	< 28 U
84-66-2	Diethylphthalate	28	< 28 U
86-73-7	**Fluorene**	**28**	**70**
86-30-6	N-Nitrosodiphenylamine	28	< 28 U
87-86-5	**Pentachlorophenol**	**140**	**360**
85-01-8	**Phenanthrene**	**28**	**110**
120-12-7	**Anthracene**	**28**	**57**
84-74-2	Di-n-Butylphthalate	28	< 28 U
206-44-0	**Fluoranthene**	**28**	**110**
129-00-0	**Pyrene**	**28**	**91**
85-68-7	Butylbenzylphthalate	28	< 28 U
56-55-3	**Benzo(a)anthracene**	**28**	**95**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**28**	**93**
218-01-9	**Chrysene**	**28**	**99**
117-84-0	Di-n-Octyl phthalate	28	< 28 U
205-99-2	**Benzo(b)fluoranthene**	**28**	**130**
207-08-9	Benzo(k)fluoranthene	28	< 28 U
50-32-8	**Benzo(a)pyrene**	**28**	**99**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**28**	**23 J**
53-70-3	**Dibenz(a,h)anthracene**	**28**	**100**
191-24-2	**Benzo(g,h,i)perylene**	**28**	**100**

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.8%	2-Fluorobiphenyl	60.8%
d14-p-Terphenyl	58.8%	d4-1,2-Dichlorobenzene	56.0%
d5-Phenol	62.4%	2-Fluorophenol	63.7%
2,4,6-Tribromophenol	67.5%	d4-2-Chlorophenol	63.2%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem3/nt4.i/20050802a.b/ih28srm.d
Lab Smp Id: IH28SRM Client Smp ID: SQ-1
Inj Date : 03-AUG-2005 00:14
Operator : VS Inst ID: nt4.i
Smp Info : IH28SRM
Misc Info : 05-11886
Comment : 1ul Injection
Method : /chem3/nt4.i/20050802a.b/SW846.m
Meth Date : 03-Aug-2005 16:32 jeff Quant Type: ISTD
Cal Date : 02-AUG-2005 20:22 Cal File: 0100802.d
Als bottle: 14 QC Sample: SRM
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LAK 8/4/05

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	30.00000	Weight of sample extracted (g)
M	40.20000	% 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	5.200	5.135	(0.701)	151699	23.8707	665.3
$ 2	Phenol-d5	99	7.117	7.112	(0.960)	193005	23.4372	653.2
3	Phenol	94	7.133	7.139	(0.962)	19041	1.98434	55.30
$ 5	2-Chlorophenol-d4	132	7.117	7.117	(0.960)	155635	23.6752	659.8
4	Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6	2-Chlorophenol	128	Compound Not Detected.					
7	1,3-Dichlorobenzene	146	7.342	7.352	(0.990)	5399	0.80660 J	22.48
* 8	1,4-Dichlorobenzene-d4	152	7.417	7.427	(1.000)	90809	20.0000	
9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10	1,2-Dichlorobenzene-d4	152	7.742	7.753	(1.044)	58064	13.9613	389.1
12	1,2-Dichlorobenzene	146	7.764	7.774	(1.047)	3454	0.54186 J	15.10
11	Benzyl alcohol	108	7.993	7.828	(1.078)	6727	1.64596	45.87(M)
14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13	2-Methylphenol	108	Compound Not Detected.					
17	Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	8.383	8.389	(1.130)	6855	1.11503	31.08
$	18 Nitrobenzene-d5	82	8.458	8.469	(0.883)	139734	15.1708	422.8
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	8.902	8.912	(0.930)	44547	2.84914	79.41
	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	9.559	9.575	(0.998)	73195	13.8095	384.9(M)
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.575	9.585	(1.000)	344108	20.0000	(M)
	28 Naphthalene	128	9.607	9.617	(1.003)	39940	2.11960	59.07(M)
	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	10.734	10.745	(1.121)	31228	3.01899	84.14(M)
	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	11.407	11.412	(0.918)	182950	15.1736	422.9(M)
	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	12.422	12.427	(1.000)	184769	20.0000	(M)
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	12.470	12.475	(1.004)	29408	2.63677	73.49(M)
	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	13.271	13.277	(1.068)	29522	2.50444	69.80(M)
	51 4-Chlorophenyl-phenylether	204	13.330	13.335	(1.073)	19454	3.42857	95.56(M)
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.704	13.709	(1.103)	29990	25.3255	706.1(M)
	56 4-Bromophenyl-phenylether	248	14.094	14.099	(0.956)	23180	8.05381	224.5(M)
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.602	14.607	(0.990)	21874	12.7437	355.2(M)
*	59 Phenanthrene-d10	188	14.746	14.746	(1.000)	277620	20.0000	(M)
	60 Phenanthrene	178	14.778	14.783	(1.002)	68476	4.05613	113.0(M)
	61 Anthracene	178	14.842	14.853	(1.007)	34032	2.03022	56.58
	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	15.937	15.932	(1.081)	14499	0.80773 J,B	22.51
	64 Fluoranthene	202	16.706	16.674	(1.133)	64681	4.05570	113.0
	65 Pyrene	202	17.016	17.016	(0.897)	60961	3.27865	91.38
$	66 Terphenyl-d14	244	17.385	17.385	(0.916)	163085	14.7028	409.8
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	18.950	18.955	(0.999)	55695	3.40094	94.79
*	69 Chrysene-d12	240	18.977	18.982	(1.000)	237959	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	19.014	19.025	(1.002)	57102	3.54749	98.87
	72 bis(2-Ethylhexyl)phthalate	149	19.297	19.297	(0.955)	40642	3.32597	92.70
*	134 Di-n-octylphthalate-d4	153	20.216	20.227	(1.000)	443768	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	20.569	20.585	(0.975)	65595	4.78802	133.4
	75 Benzo(k)fluoranthene	252	Compound Not Detected.					
	76 Benzo(a)pyrene	252	21.007	21.017	(0.996)	43656	3.55016	98.95
*	77 Perylene-d12	264	21.098	21.103	(1.000)	198434	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	22.449	22.438	(1.064)	10686	0.83711 J	23.33
	79 Dibenzo(a,h)anthracene	278	22.455	22.471	(1.064)	43084	3.59759	100.3
	80 Benzo(g,h,i)perylene	276	22.706	22.732	(1.076)	48130	3.68530	102.7

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: ih28srm.d
Lab Smp Id: IH28SRM
Analysis Type: SV
Quant Type: ISTD
Operator: VS
Method File: /chem3/nt4.i/20050802a.b/SW846.m
Misc Info: 05-11886

Calibration Date: 02-AUG-2005
Calibration Time: 21:28
Client Smp ID: SQ-1
Level: LOW
Sample Type: Sediment

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	121607	60804	243214	90809	-25.33
27 Naphthalene-d8	430121	215060	860242	344108	-20.00
42 Acenaphthene-d10	229587	114794	459174	184769	-19.52
59 Phenanthrene-d10	343054	171527	686108	277620	-19.07
69 Chrysene-d12	260573	130286	521146	237959	-8.68
134 Di-n-octylphthala	469301	234650	938602	443768	-5.44
77 Perylene-d12	283780	141890	567560	198434	-30.07

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.43	6.93	7.93	7.42	-0.14
27 Naphthalene-d8	9.59	9.09	10.09	9.57	-0.11
42 Acenaphthene-d10	12.43	11.93	12.93	12.42	-0.04
59 Phenanthrene-d10	14.75	14.25	15.25	14.75	0.00
69 Chrysene-d12	18.98	18.48	19.48	18.98	-0.03
134 Di-n-octylphthala	20.23	19.73	20.73	20.22	-0.05
77 Perylene-d12	21.10	20.60	21.60	21.10	-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

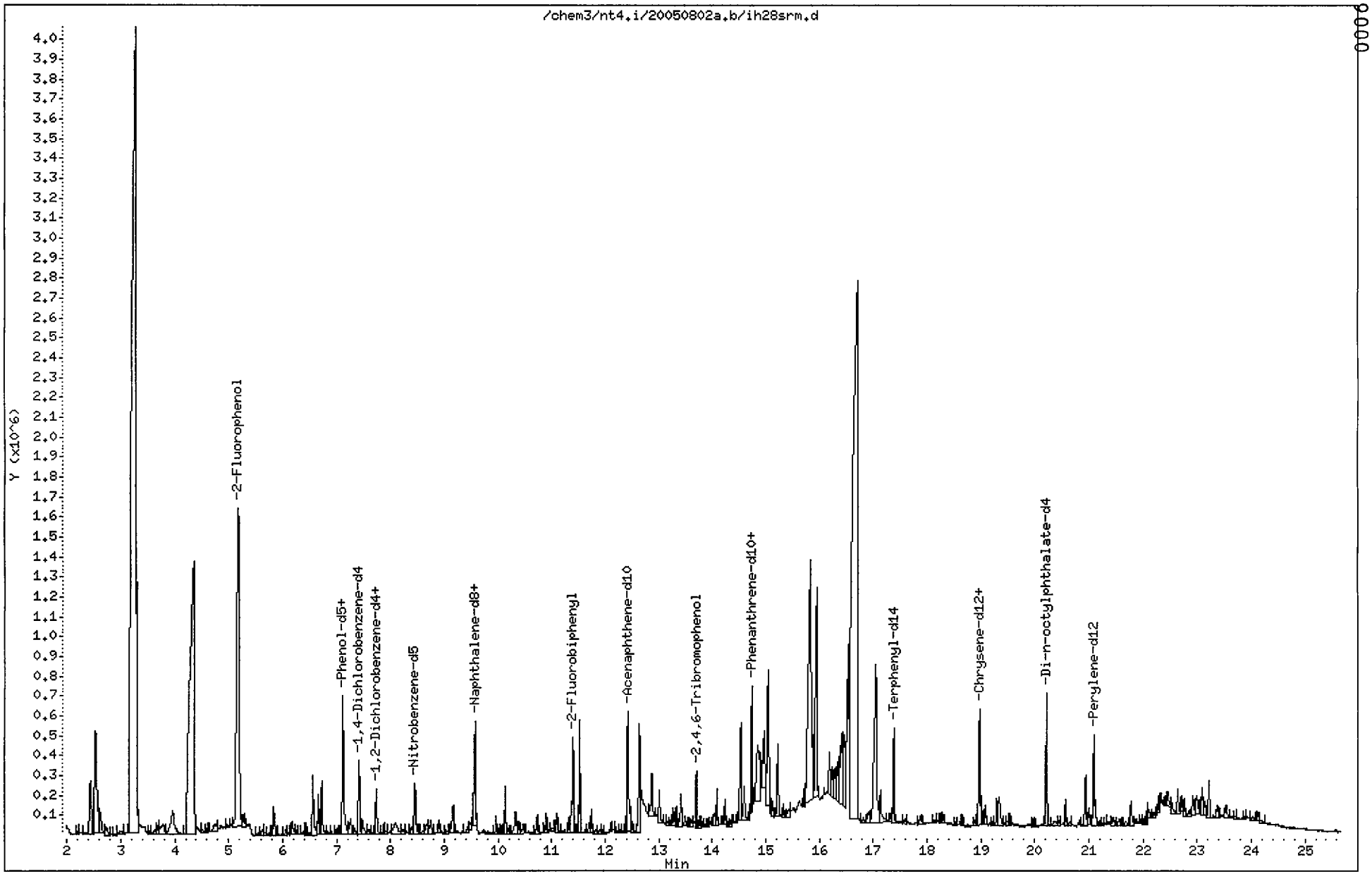
Client Name: ANCHOR
Sample Matrix: SOLID
Lab Smp Id: IH28SRM
Level: LOW
Data Type: MS DATA
SpikeList File: tclp.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20050802a.b/SW846.m
Misc Info: 05-11886

Client SDG: IH28
Fraction: SV
Client Smp ID: SQ-1
Operator: VS
SampleType: SRM
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	1045	665.3	63.66	24-112
$ 2 Phenol-d5	1045	653.2	62.50	29-109
$ 5 2-Chlorophenol-d4	1045	659.8	63.13	34-101
$ 10 1,2-Dichlorobenzen	696.8	389.1	55.85	30-84
$ 18 Nitrobenzene-d5	696.8	422.8	60.68	28-103
$ 36 2-Fluorobiphenyl	696.8	422.9	60.69	33-104
$ 55 2,4,6-Tribromophen	1045	706.1	67.56	27-134
$ 66 Terphenyl-d14	696.8	409.8	58.81	31-120

Data File: /chem3/nt4.i/20050802a.b/ih28srm.d
Date : 03-AUG-2005 00:14
Client ID: SQ-1
Sample Info: IH28SRM
Volume Injected (uL): 1.0
Column phase: RTX-5

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



000650

Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

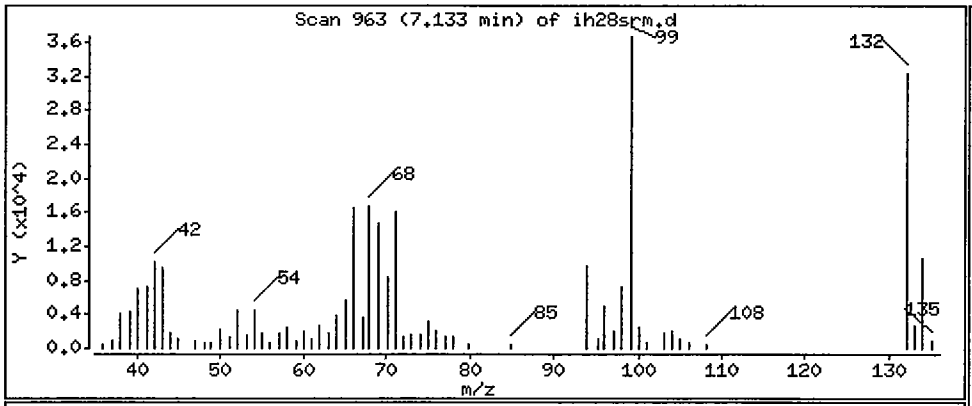
Client ID: SQ-1 Instrument: nt4.i

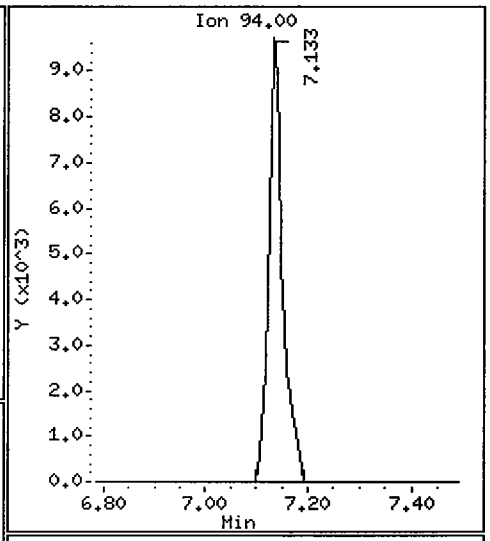
Sample Info: IH28SRM

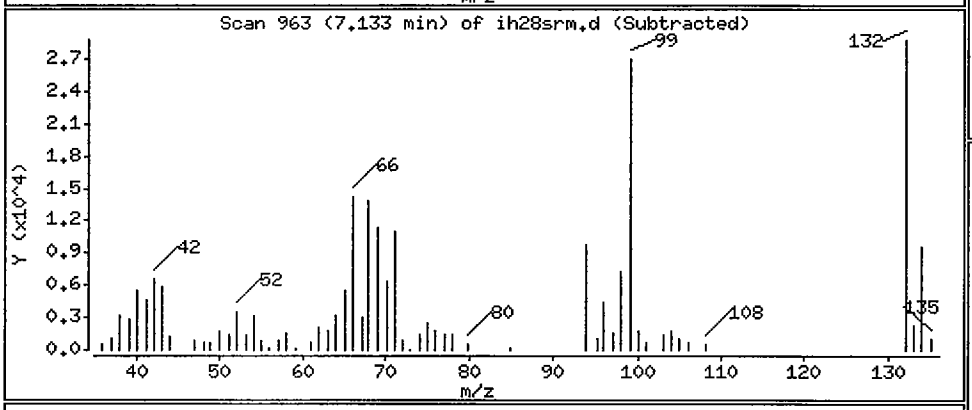
Volume Injected (uL): 1.0 Operator: VS

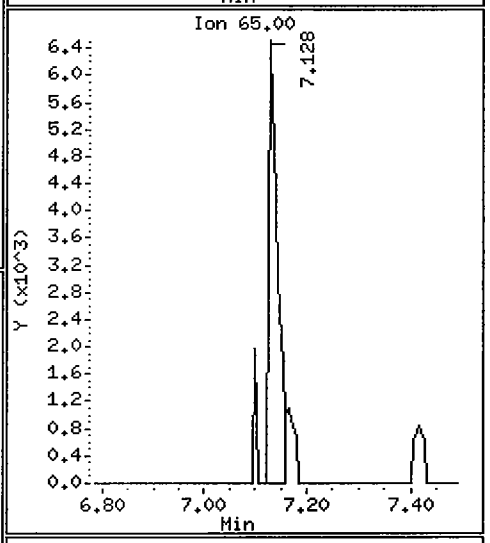
Column phase: RTX-5 Column diameter: 0.32

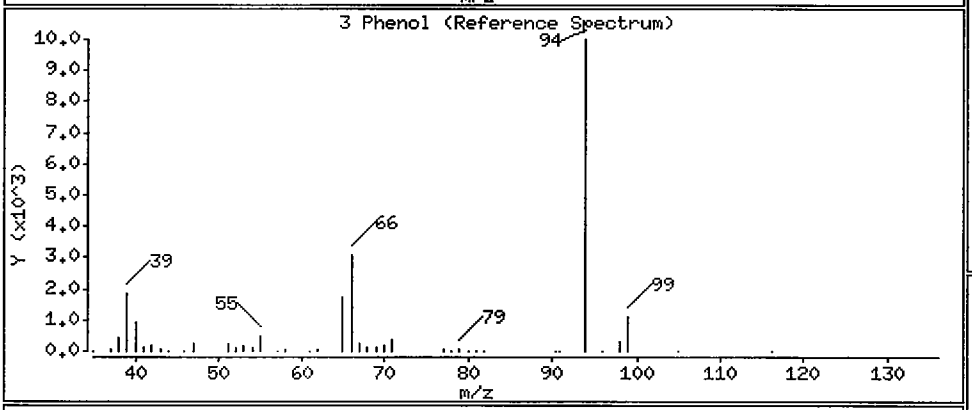
3 Phenol Concentration: 55.30 ug/kg

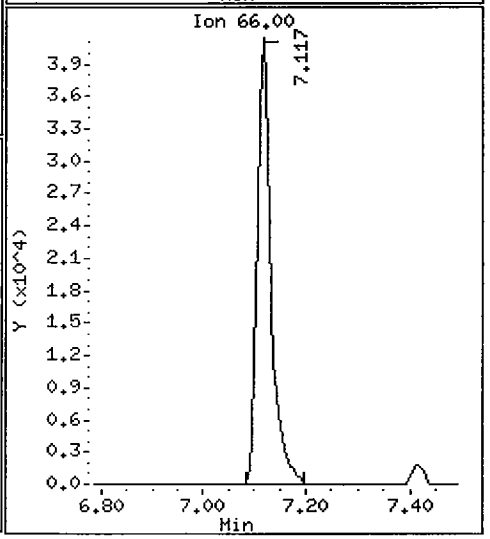


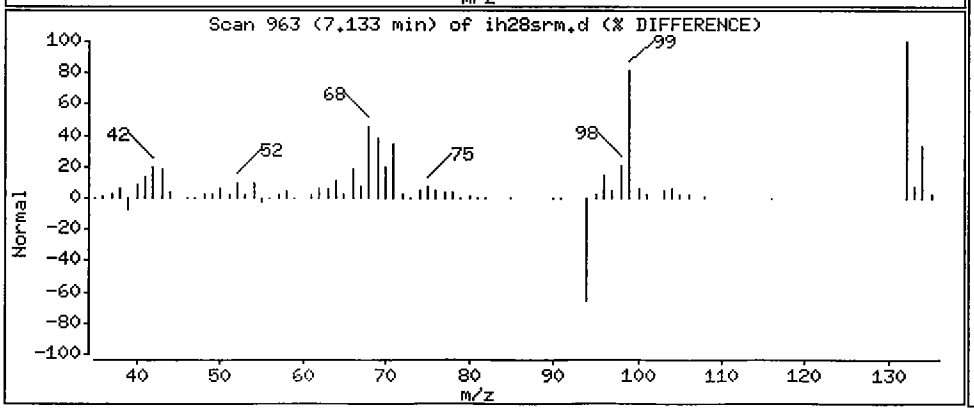












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

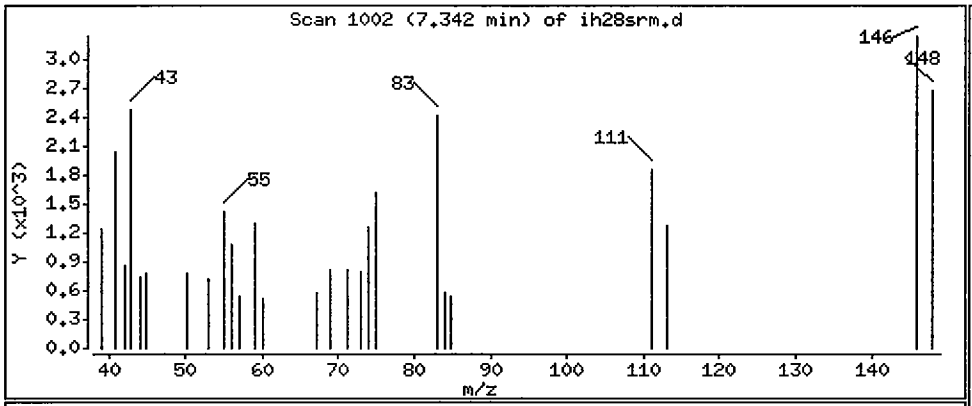
Client ID: SQ-1 Instrument: nt4.i

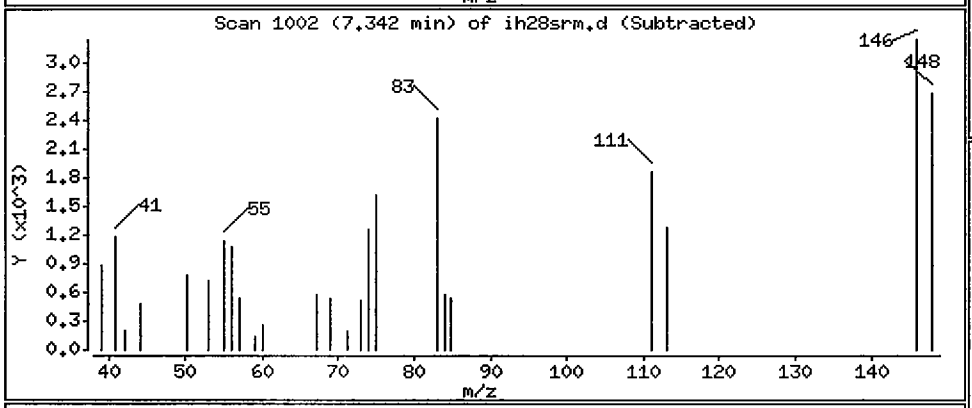
Sample Info: IH28SRM

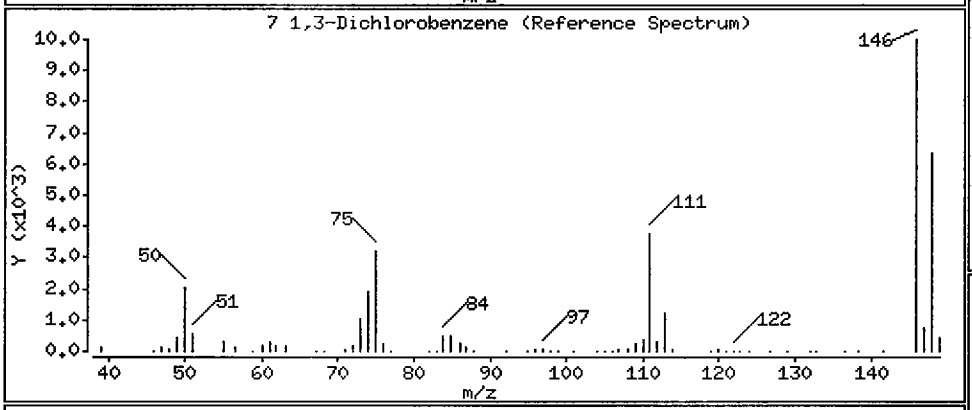
Volume Injected (uL): 1.0 Operator: VS

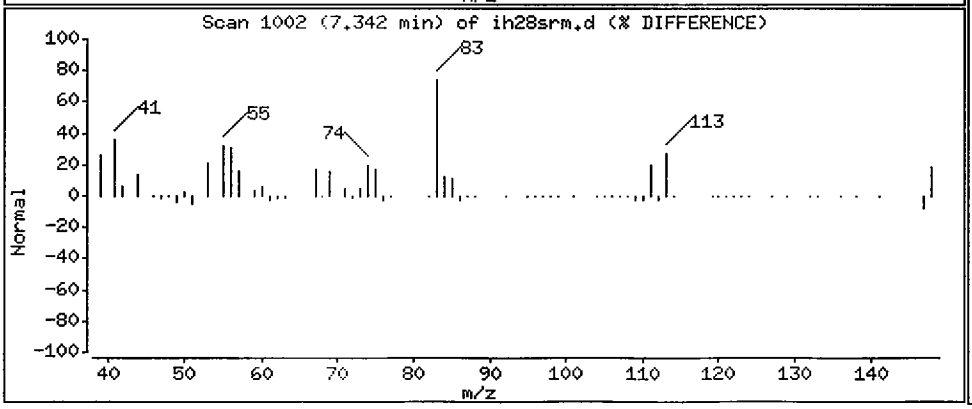
Column phase: RTX-5 Column diameter: 0.32

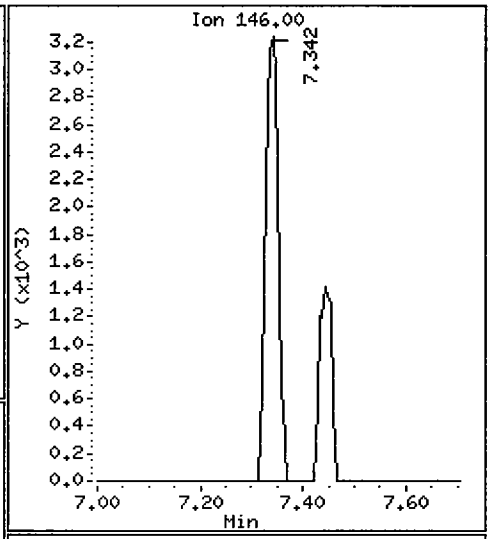
7 1,3-Dichlorobenzene Concentration: 22.48 ug/kg

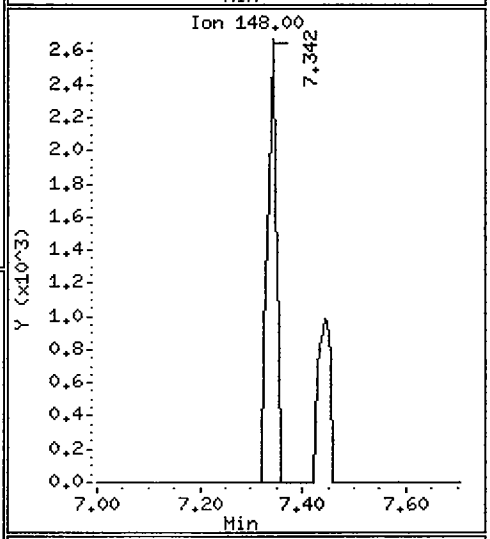


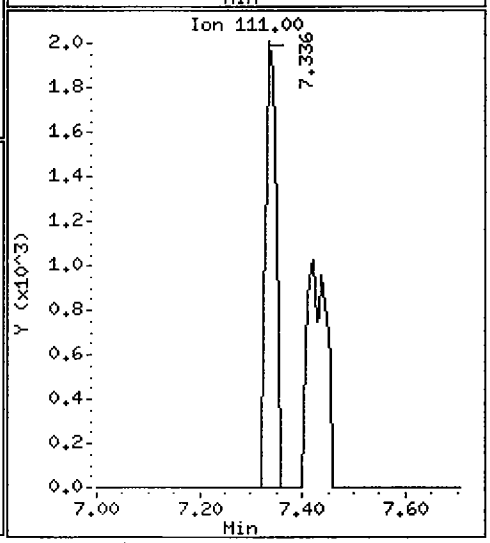












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

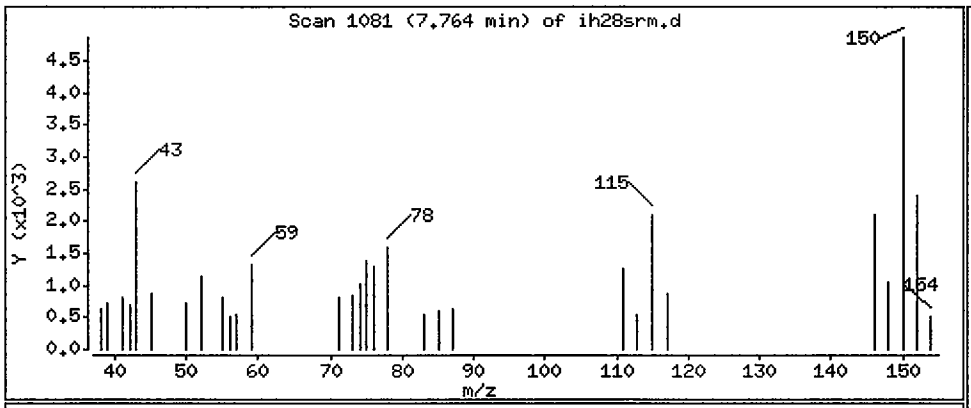
Client ID: SQ-1 Instrument: nt4.i

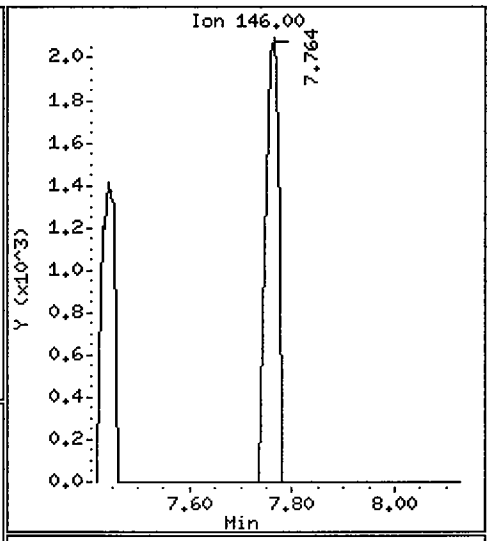
Sample Info: IH28SRM

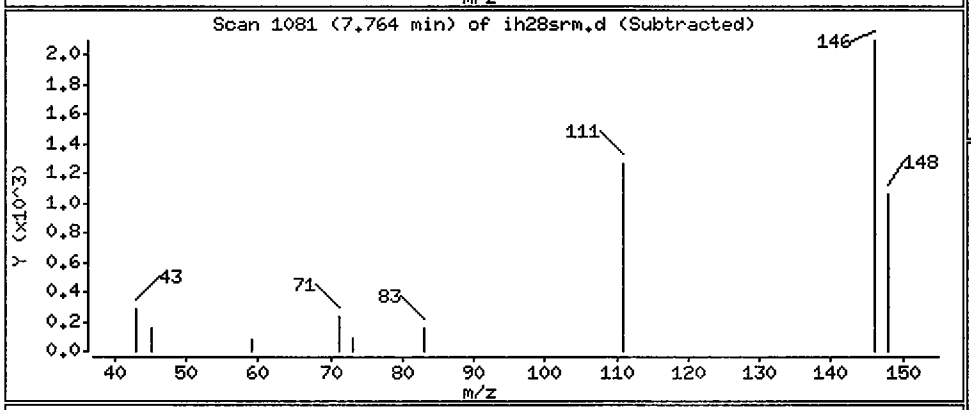
Volume Injected (uL): 1.0 Operator: VS

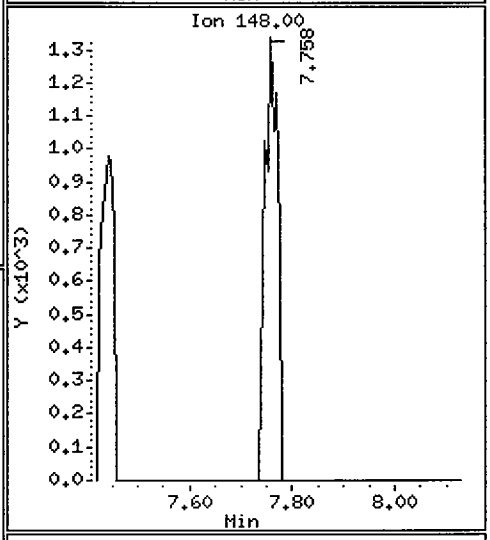
Column phase: RTX-5 Column diameter: 0.32

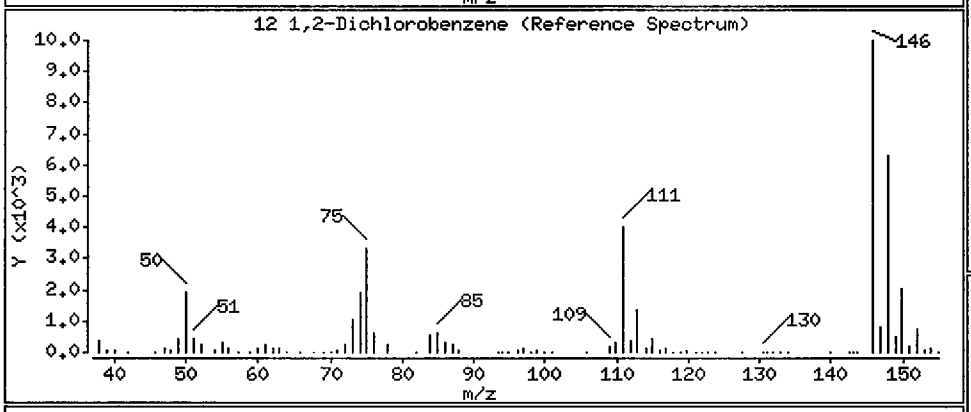
12 1,2-Dichlorobenzene Concentration: 15.10 ug/kg

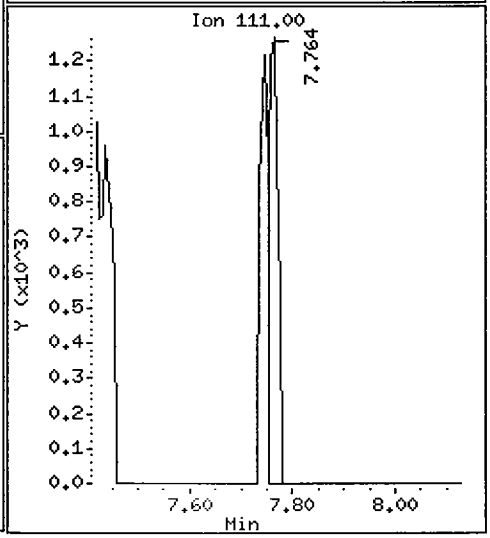


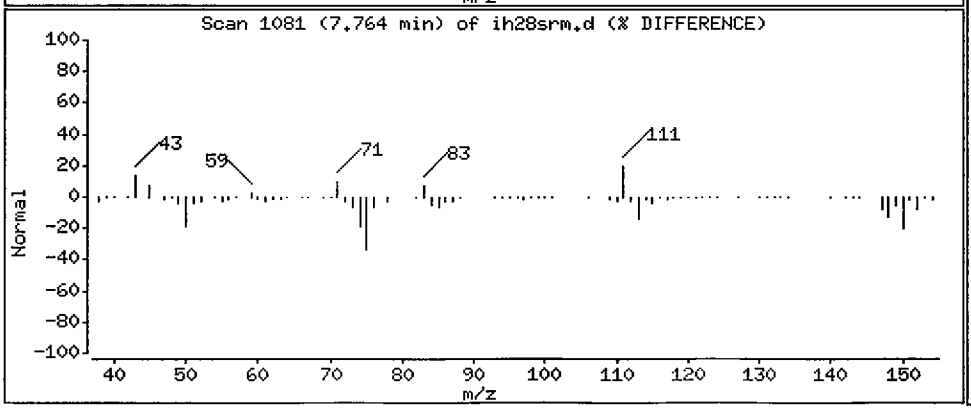












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

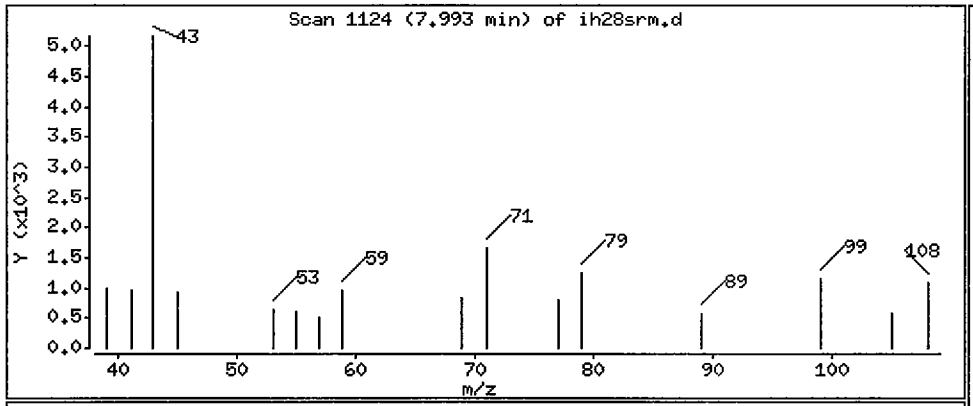
Client ID: SQ-1 Instrument: nt4.i

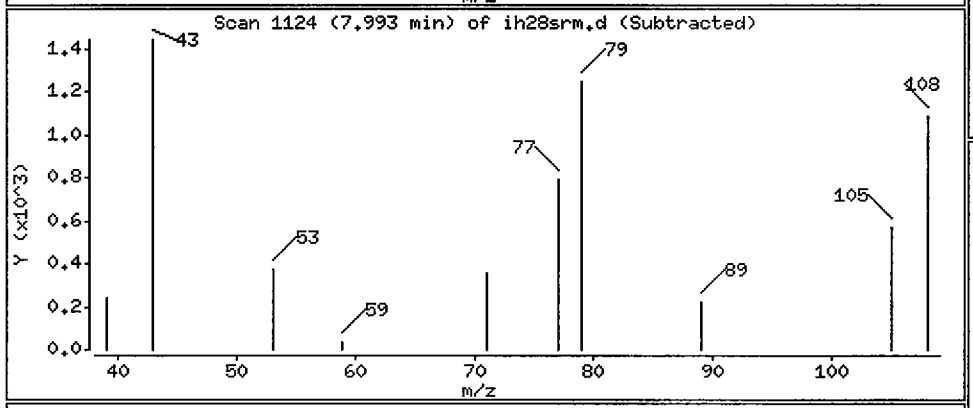
Sample Info: IH28SRM

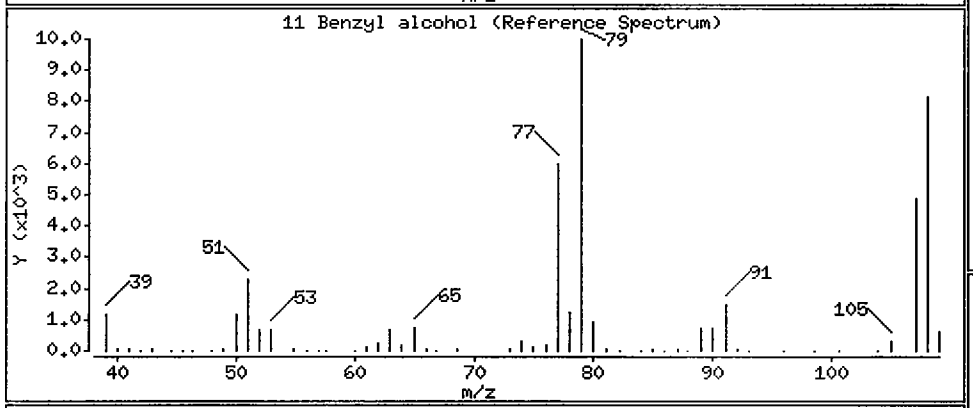
Volume Injected (uL): 1.0 Operator: VS

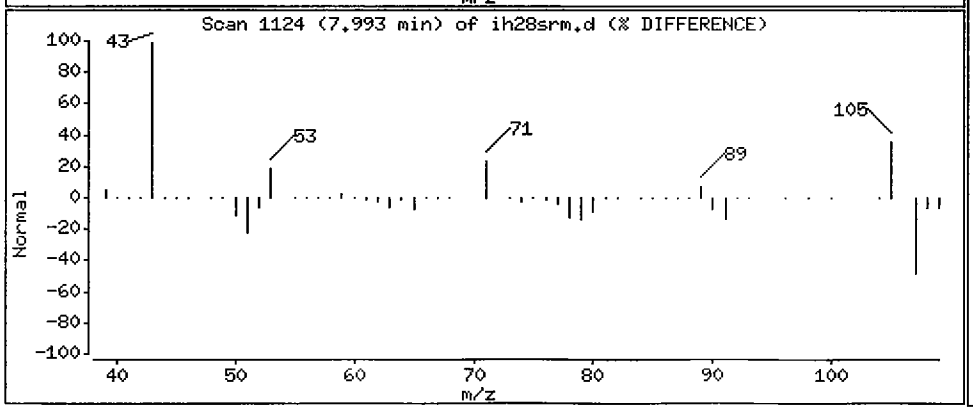
Column phase: RTX-5 Column diameter: 0.32

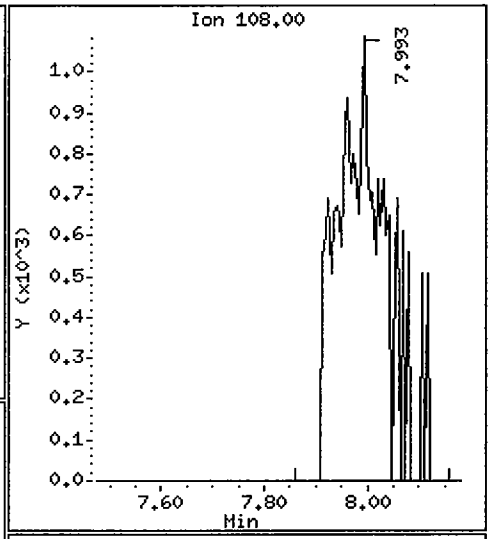
11 Benzyl alcohol Concentration: 45.87 ug/kg

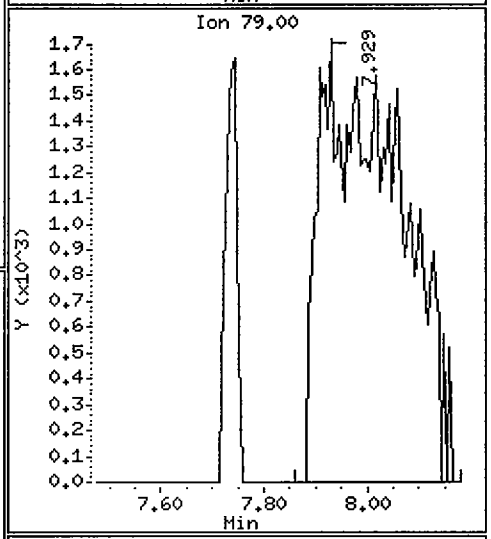


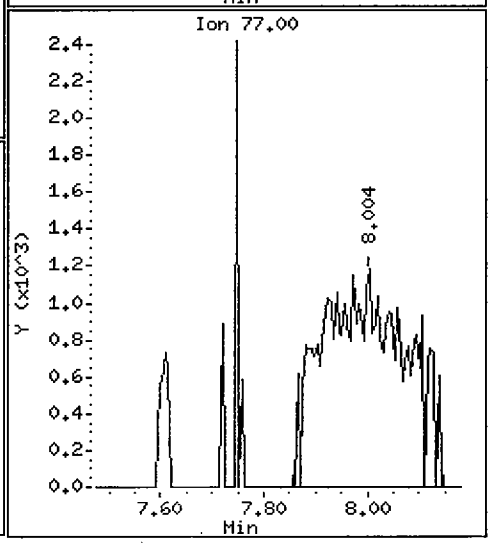












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

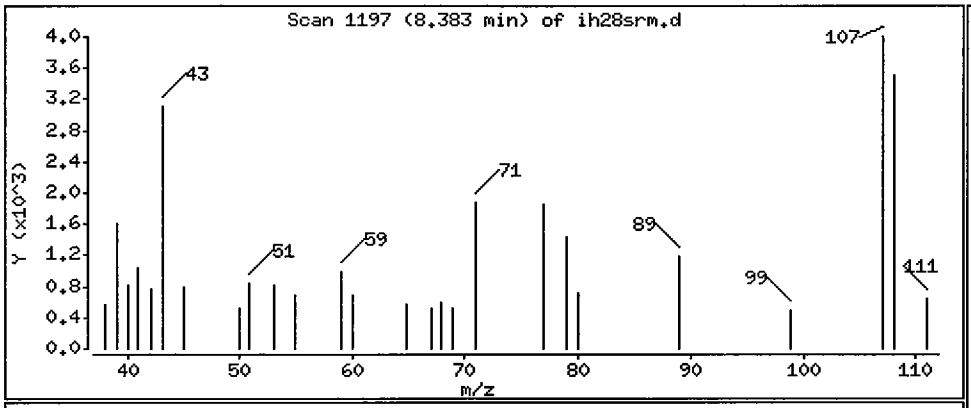
Client ID: SQ-1 Instrument: nt4.i

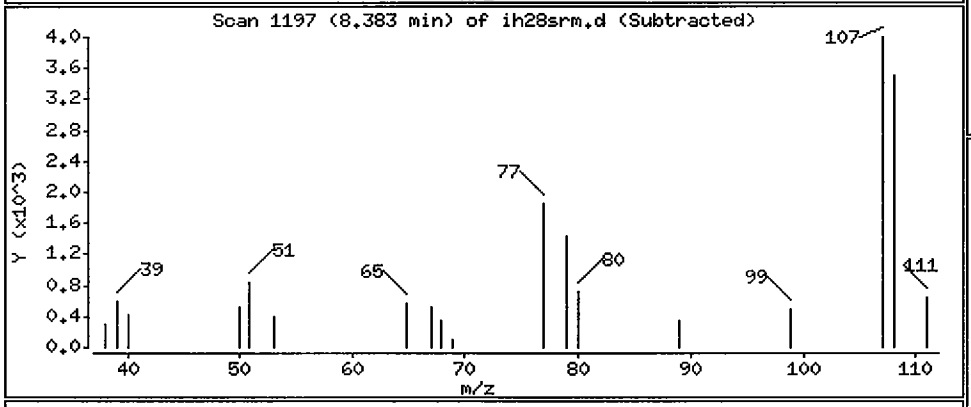
Sample Info: IH28SRM

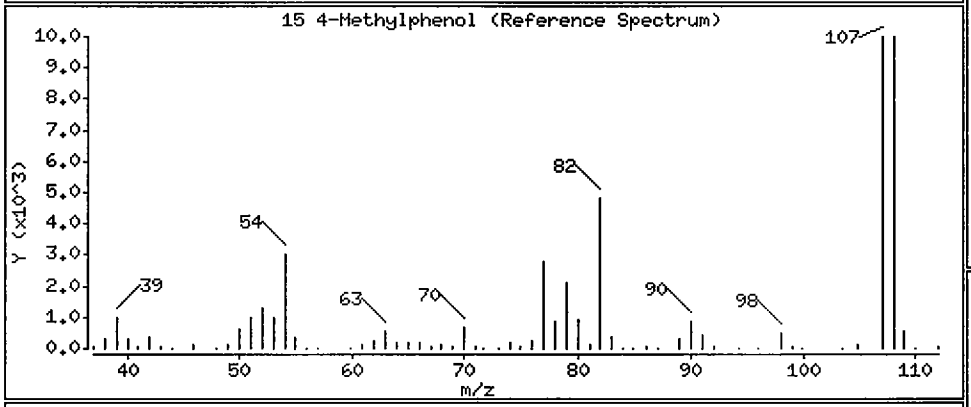
Volume Injected (uL): 1.0 Operator: VS

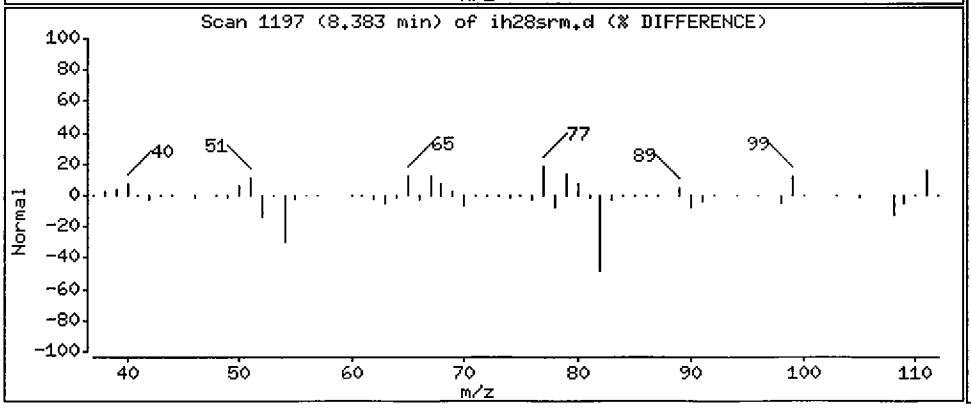
Column phase: RTX-5 Column diameter: 0.32

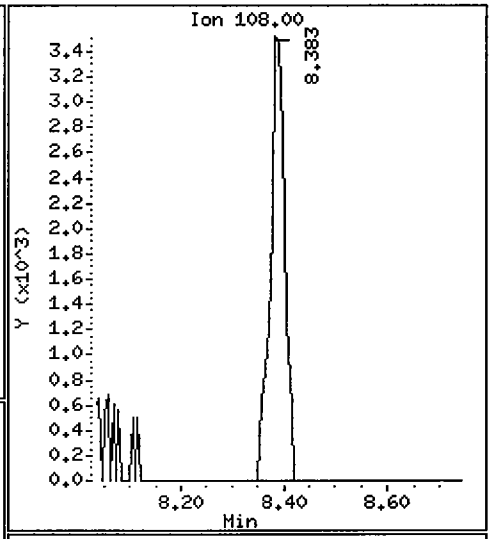
15 4-Methylphenol Concentration: 31.08 ug/kg

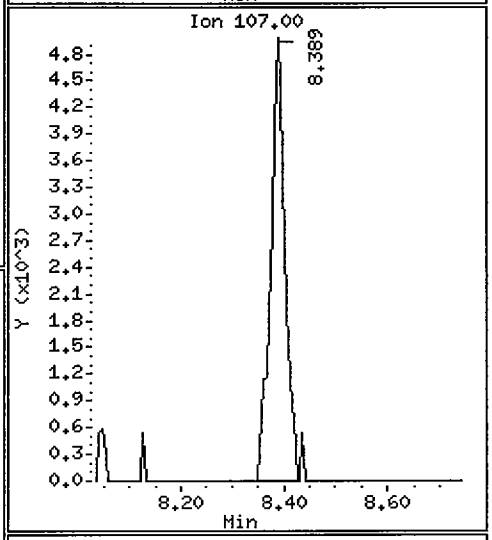


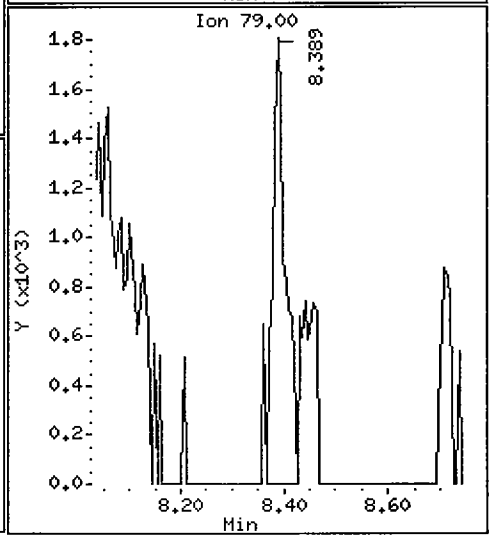












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

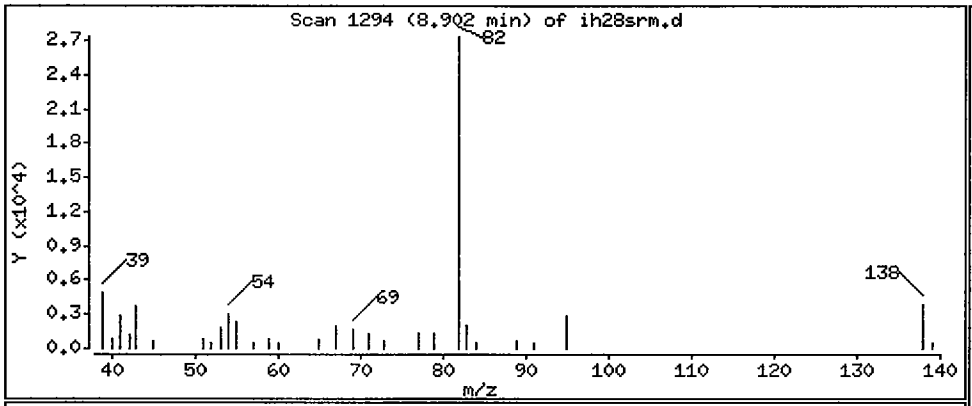
Client ID: SQ-1 Instrument: nt4.i

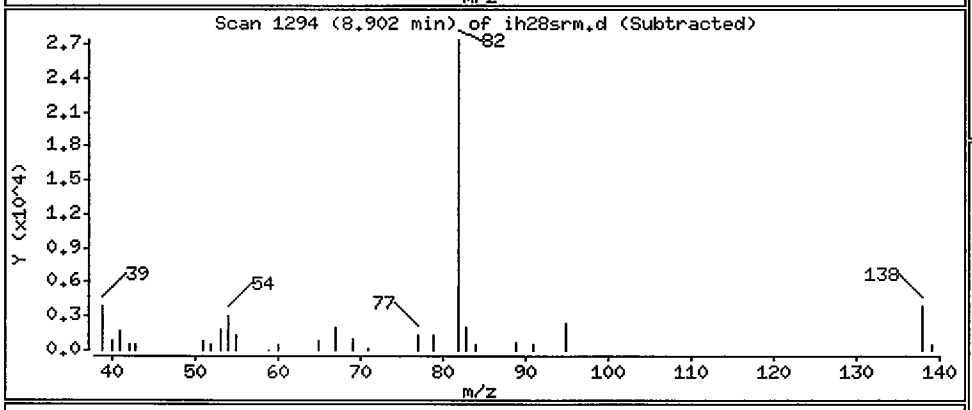
Sample Info: IH28SRM

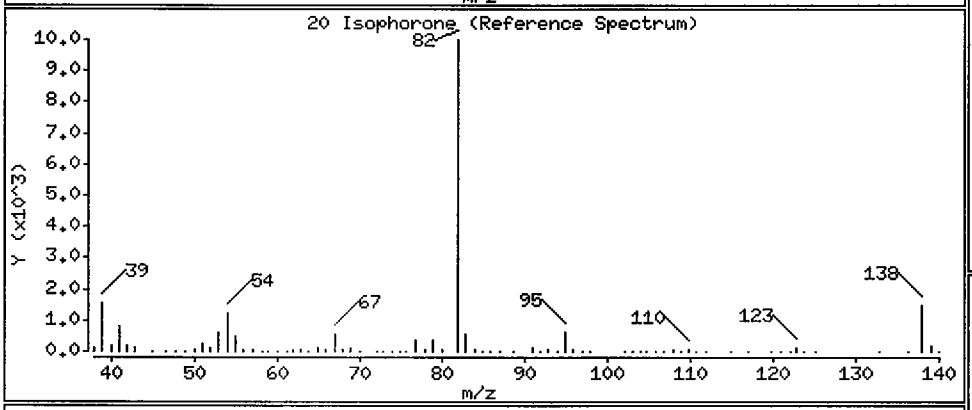
Volume Injected (uL): 1.0 Operator: VS

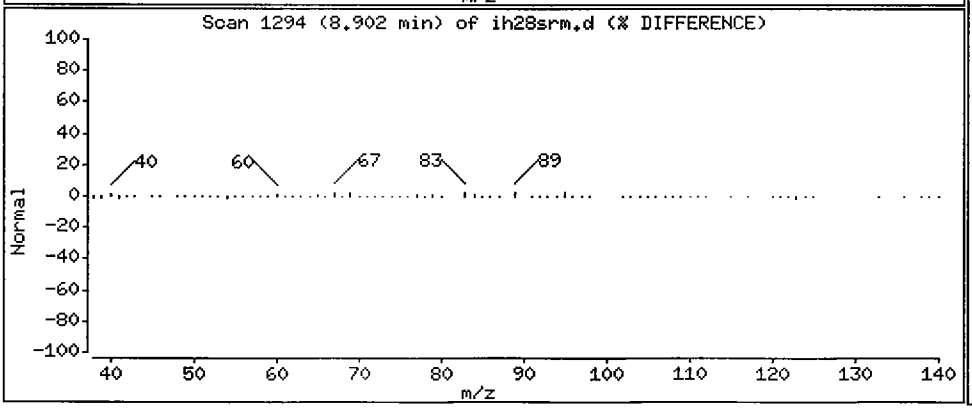
Column phase: RTX-5 Column diameter: 0.32

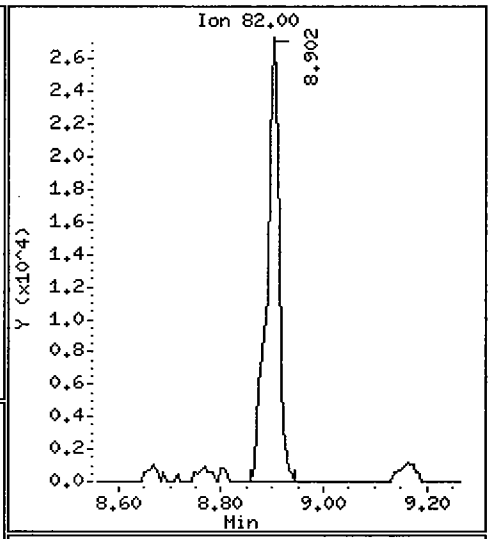
20 Isophorone Concentration: 79.41 ug/kg

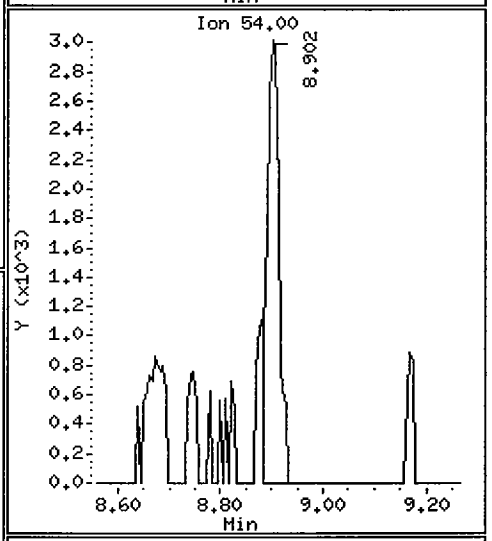


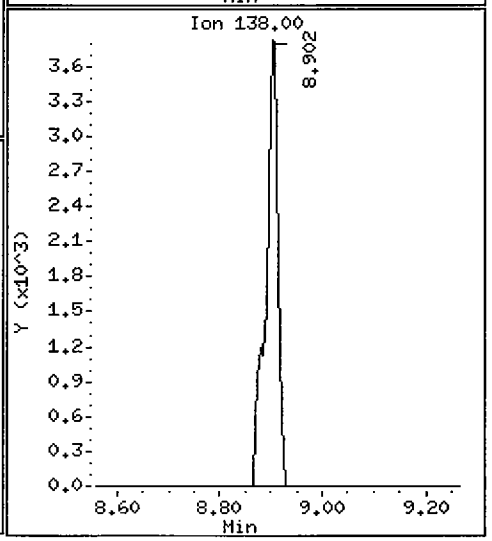












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

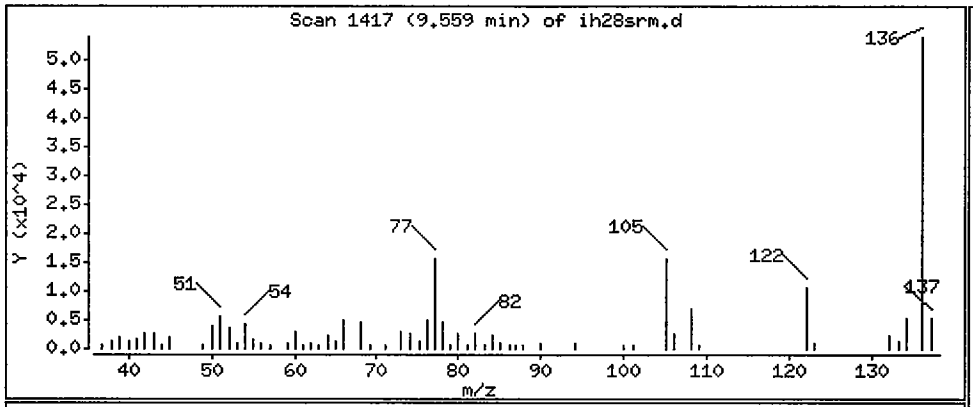
Client ID: SQ-1 Instrument: nt4.i

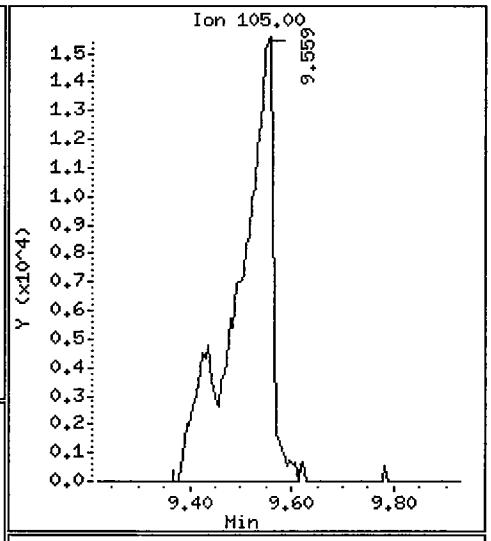
Sample Info: IH28SRM

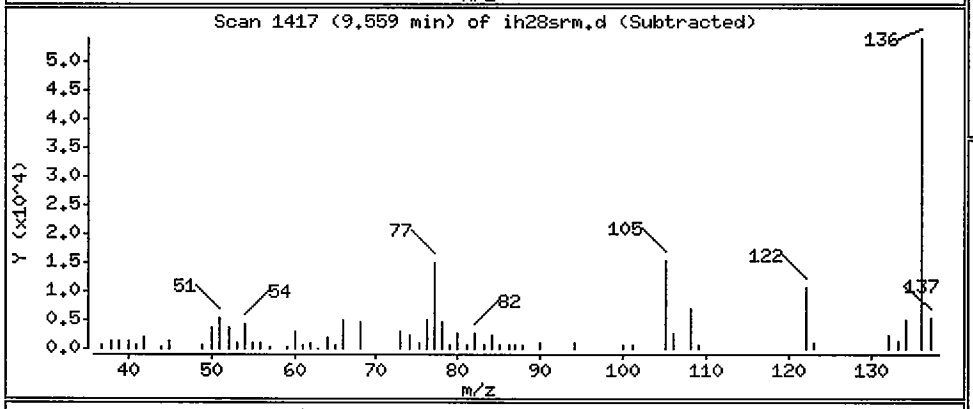
Volume Injected (uL): 1.0 Operator: VS

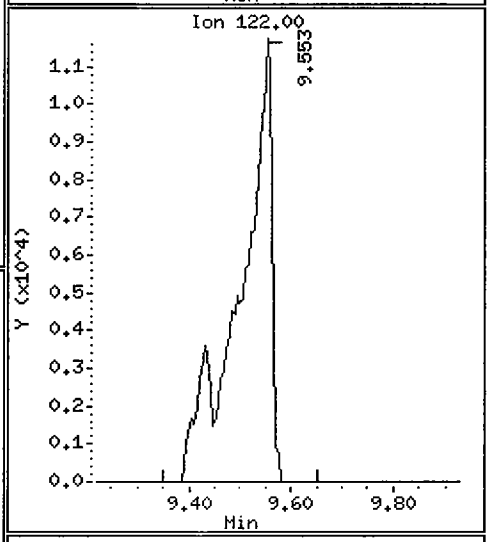
Column phase: RTX-5 Column diameter: 0.32

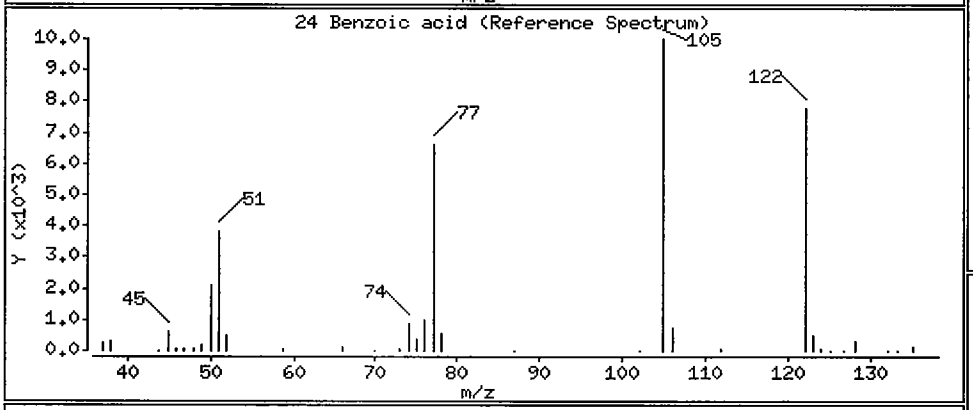
24 Benzoic acid Concentration: 384.9 ug/kg

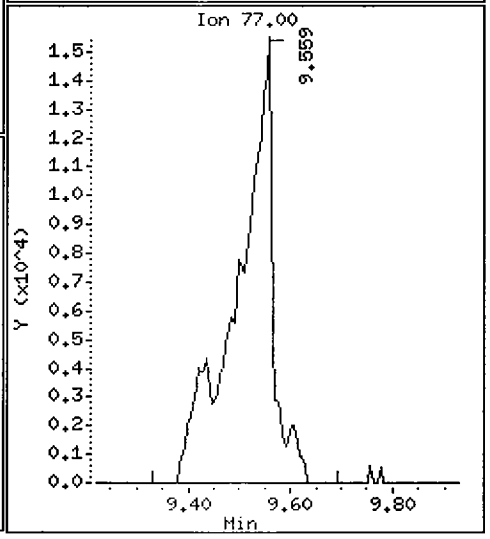


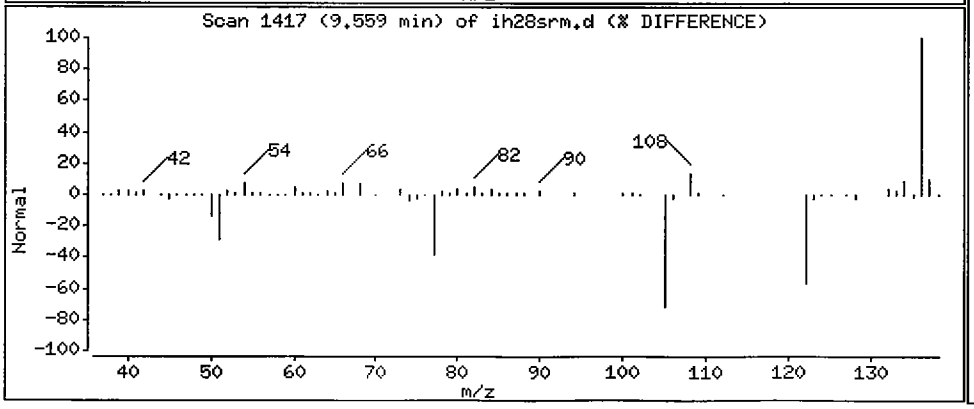












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

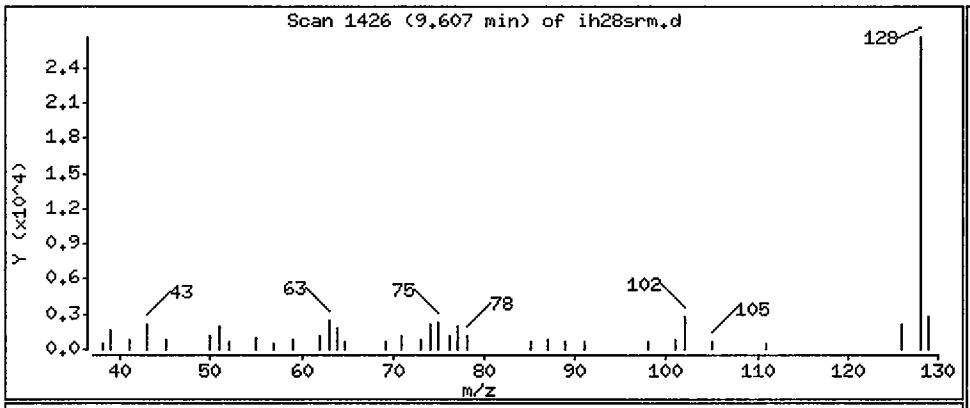
Client ID: SQ-1 Instrument: nt4.i

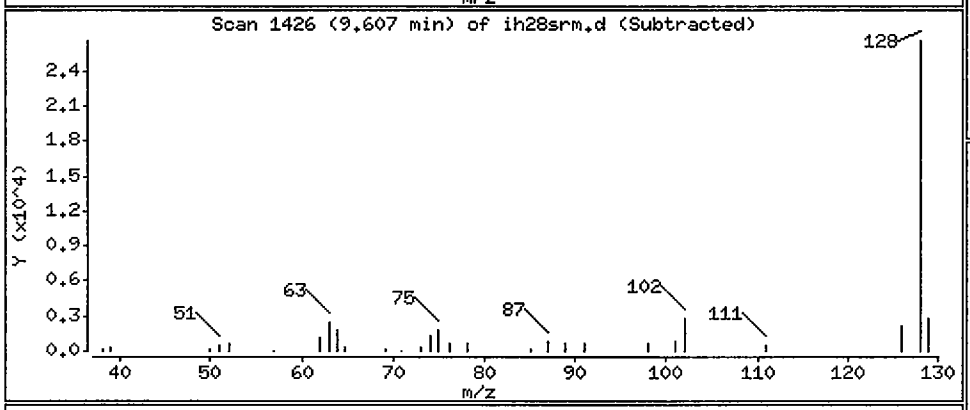
Sample Info: IH28SRM

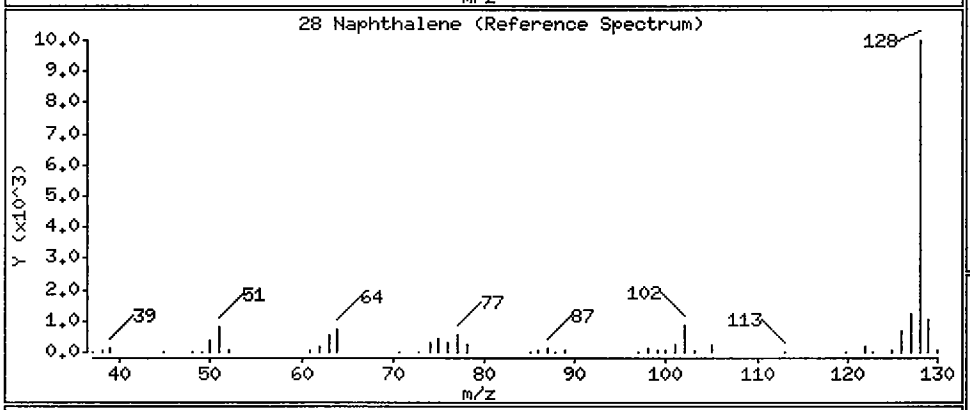
Volume Injected (uL): 1.0 Operator: VS

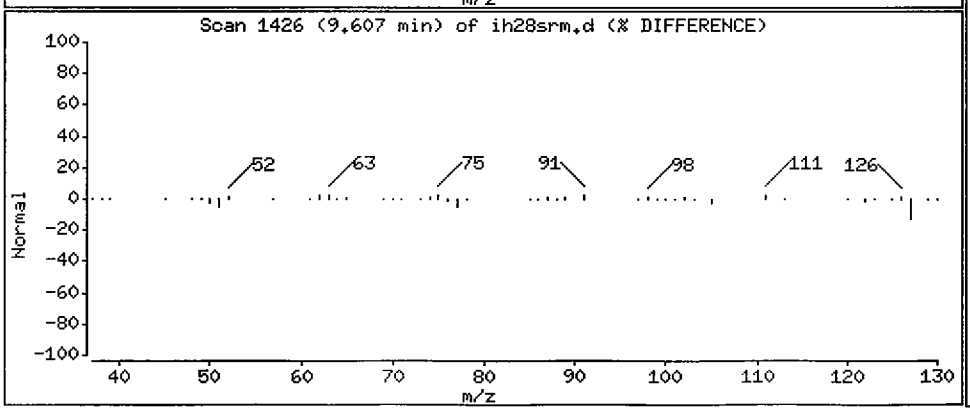
Column phase: RTX-5 Column diameter: 0.32

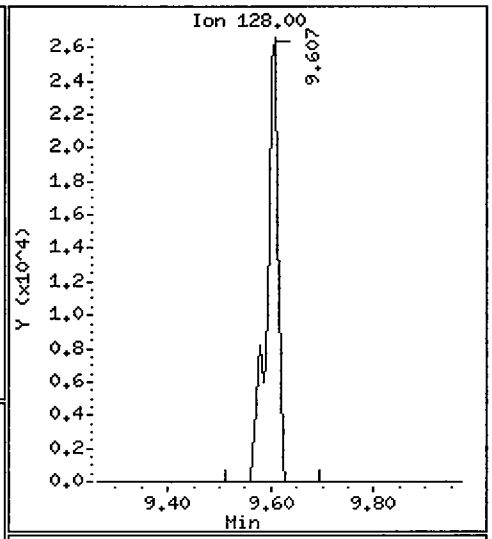
28 Naphthalene Concentration: 59.07 ug/kg

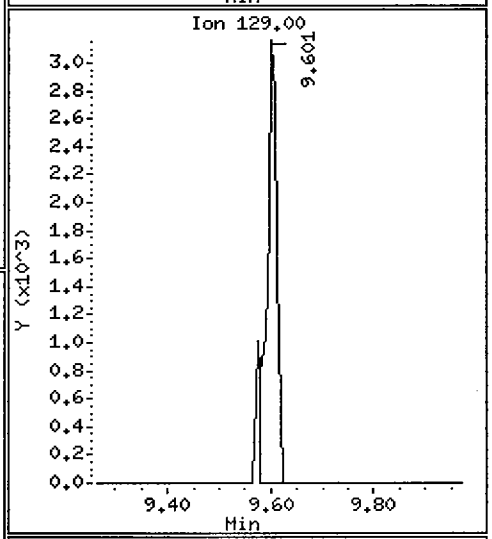


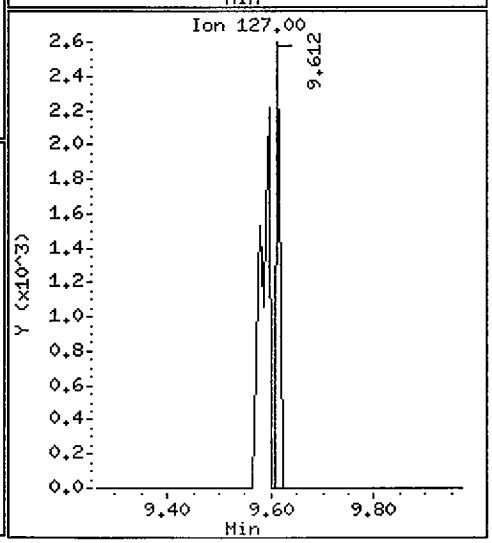












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

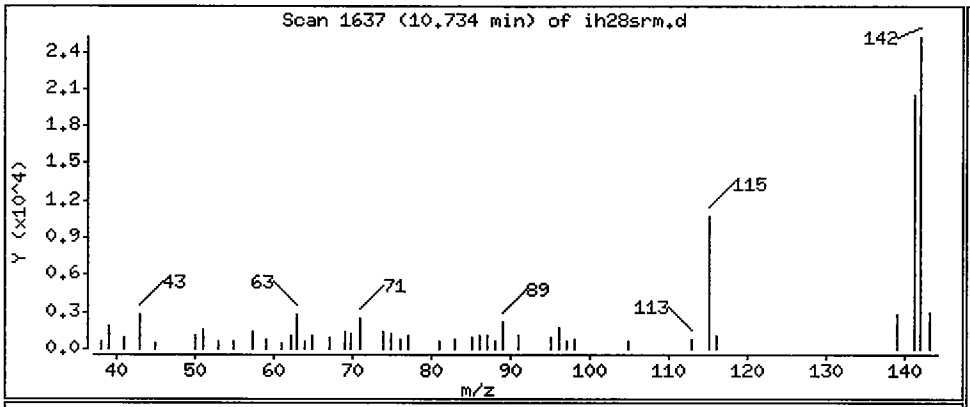
Client ID: SQ-1 Instrument: nt4.i

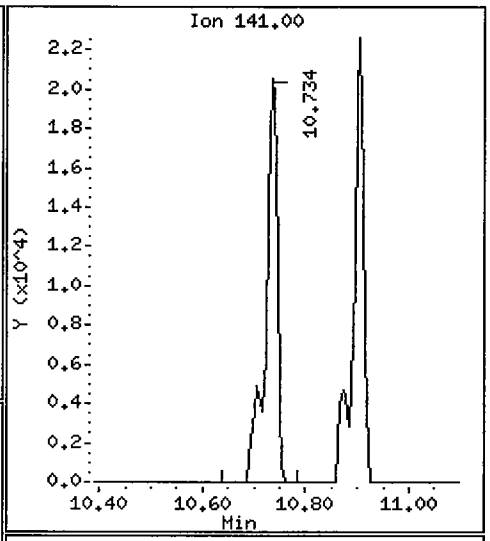
Sample Info: IH28SRM

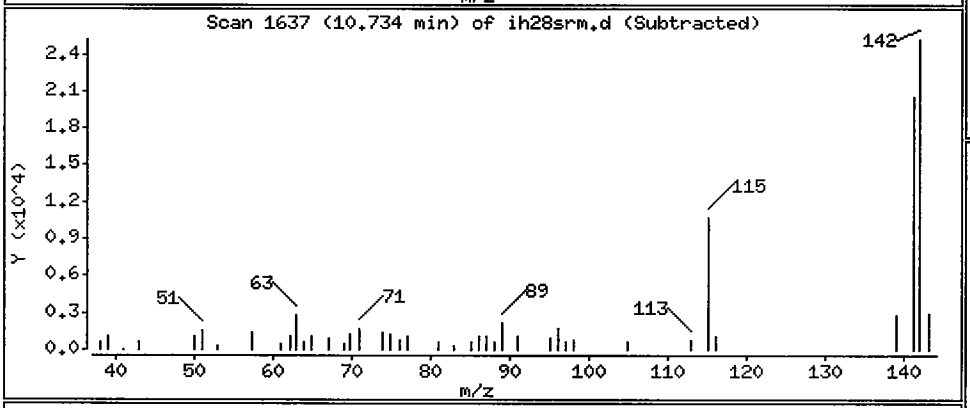
Volume Injected (uL): 1.0 Operator: VS

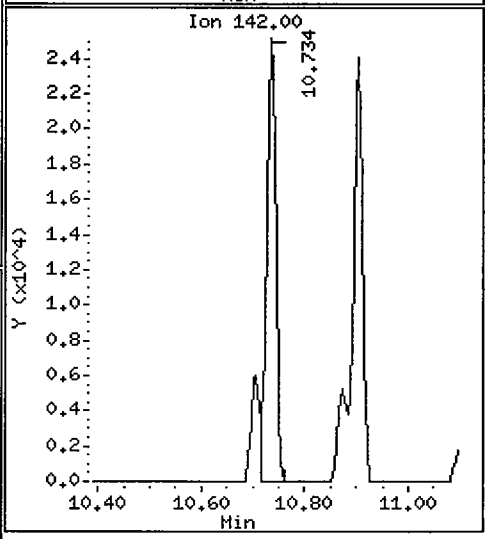
Column phase: RTX-5 Column diameter: 0.32

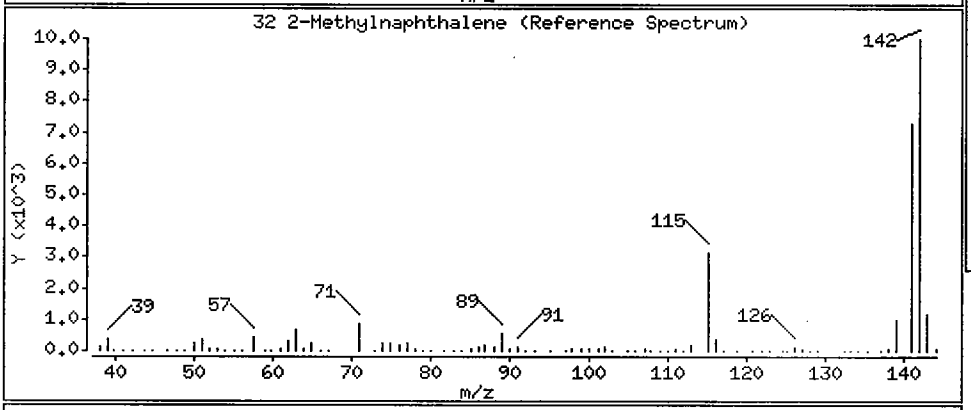
32 2-Methylnaphthalene Concentration: 84.14 ug/kg

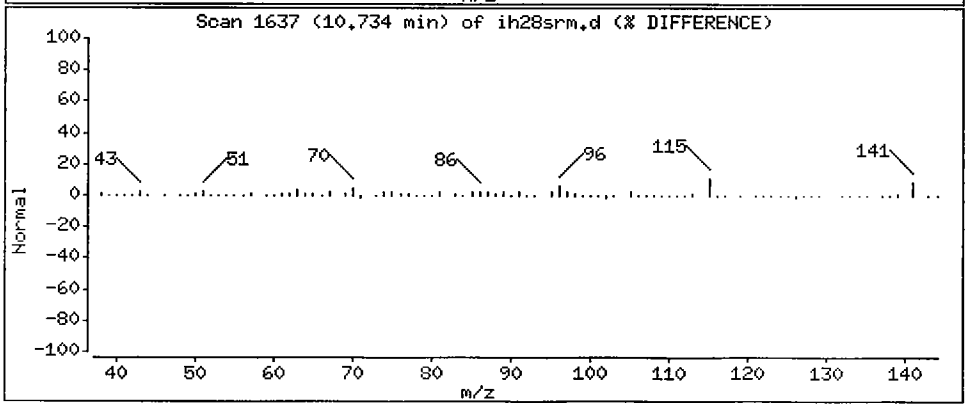












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

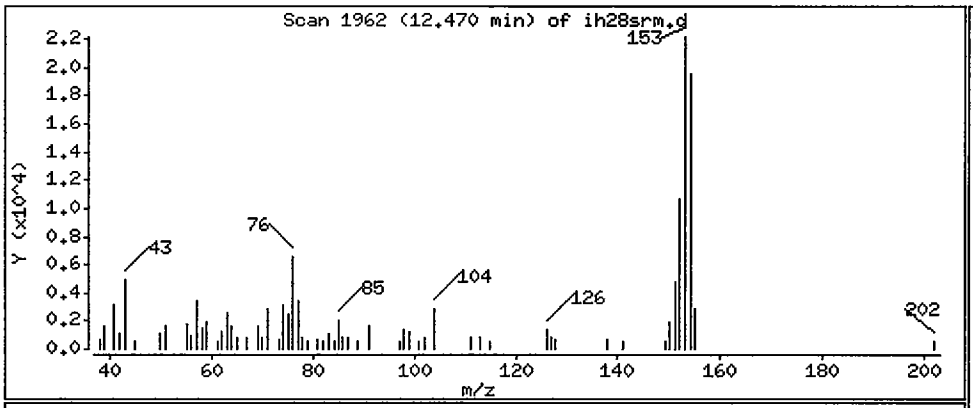
Client ID: SQ-1 Instrument: nt4.i

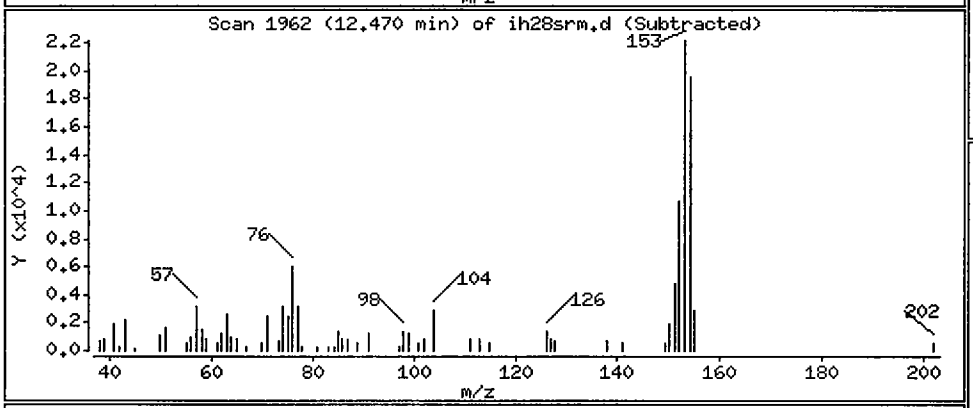
Sample Info: IH28SRM

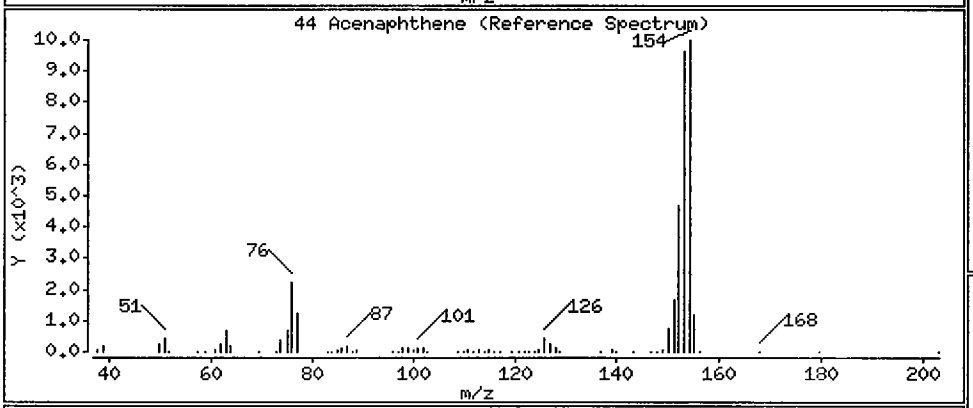
Volume Injected (uL): 1.0 Operator: VS

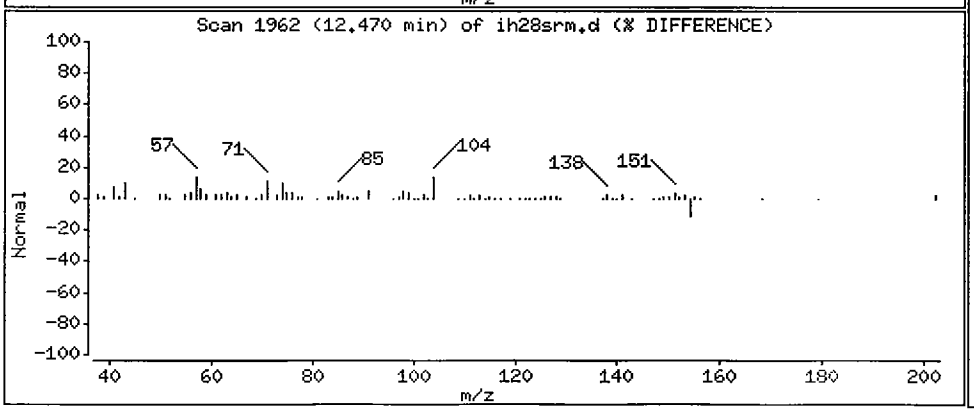
Column phase: RTX-5 Column diameter: 0.32

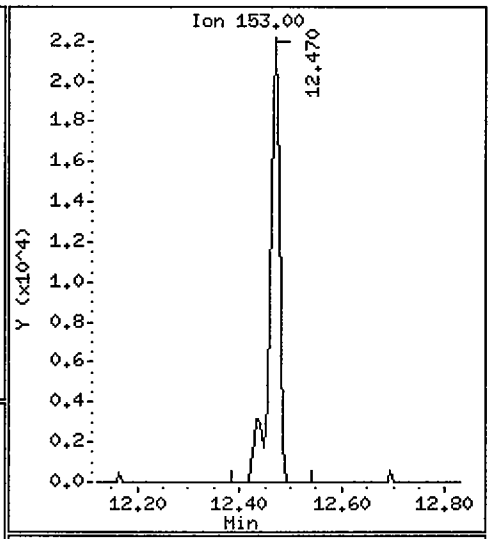
44 Acenaphthene Concentration: 73.49 ug/kg

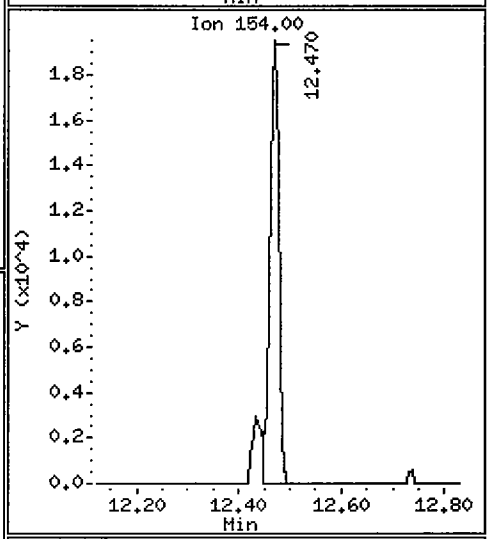


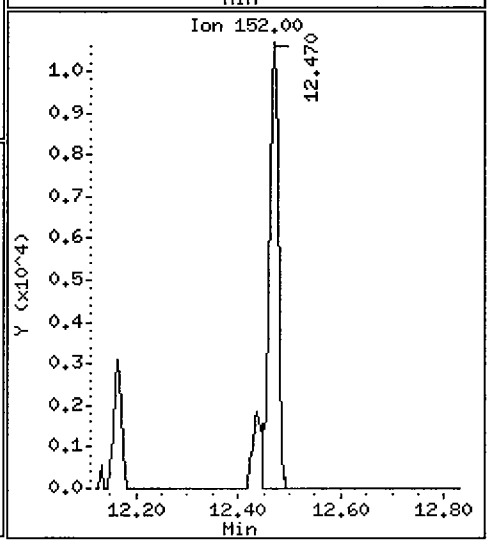












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

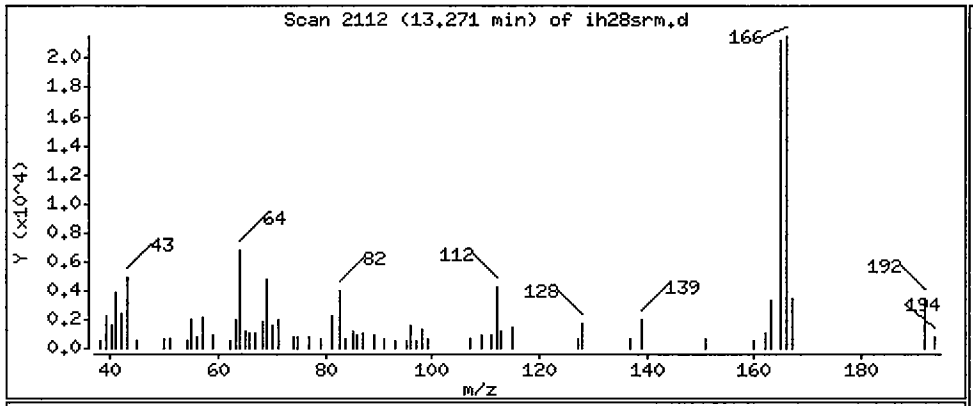
Client ID: SQ-1 Instrument: nt4.i

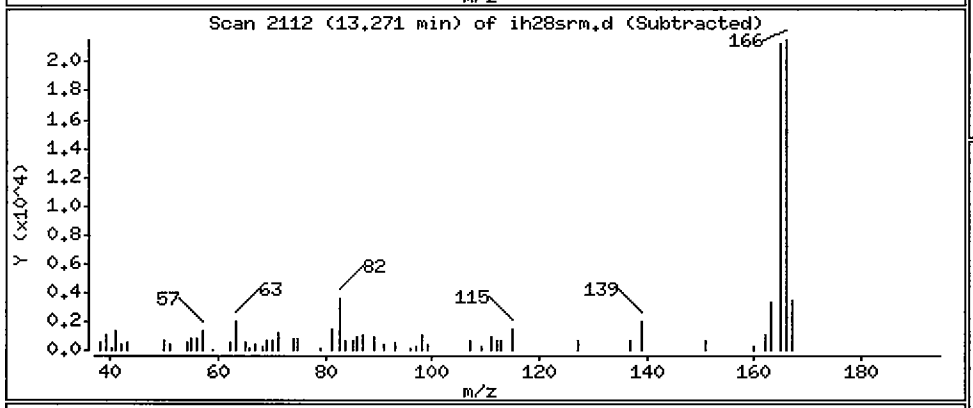
Sample Info: IH28SRM

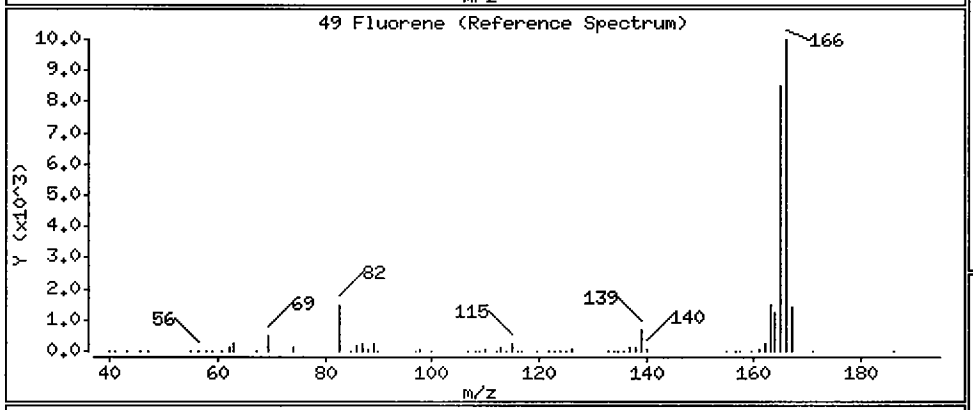
Volume Injected (uL): 1.0 Operator: VS

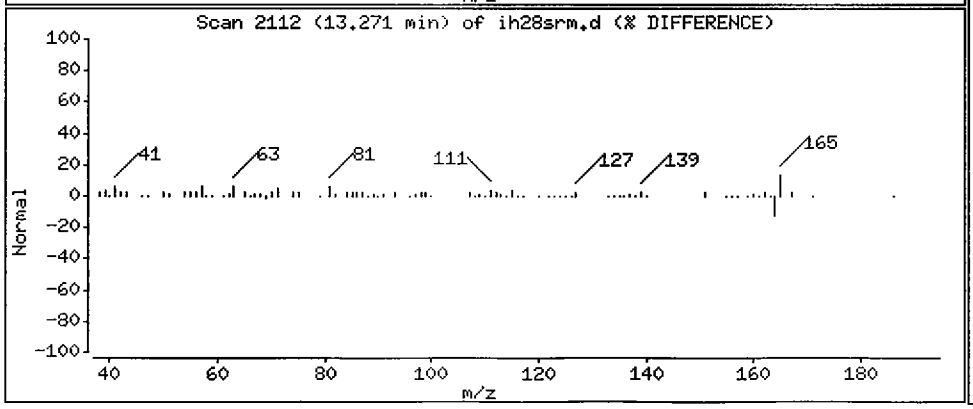
Column phase: RTX-5 Column diameter: 0.32

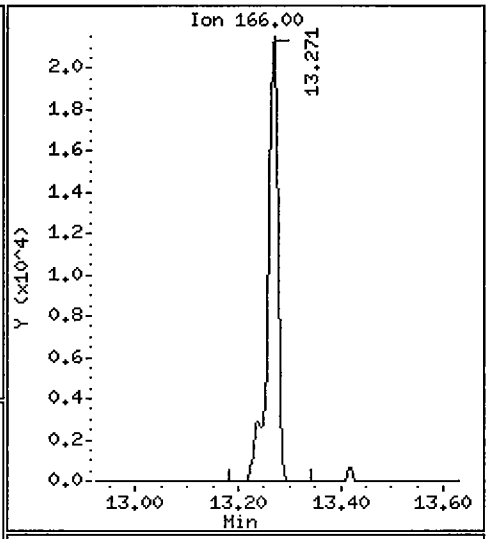
49 Fluorene Concentration: 69.80 ug/kg

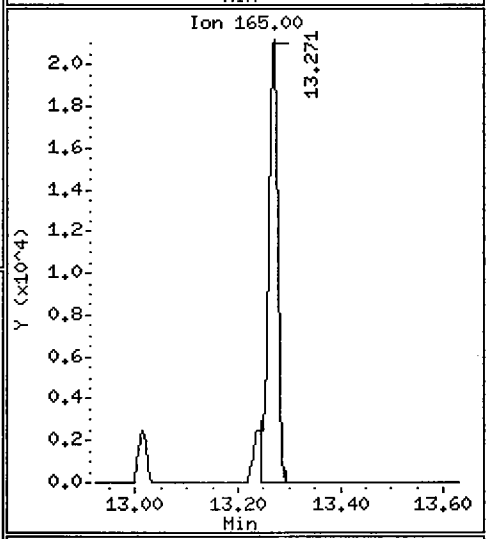


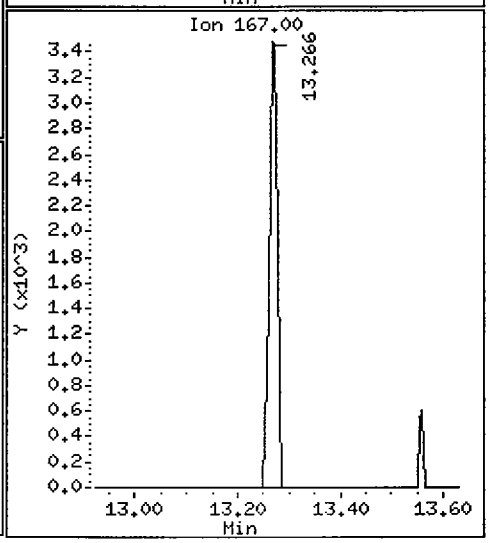












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

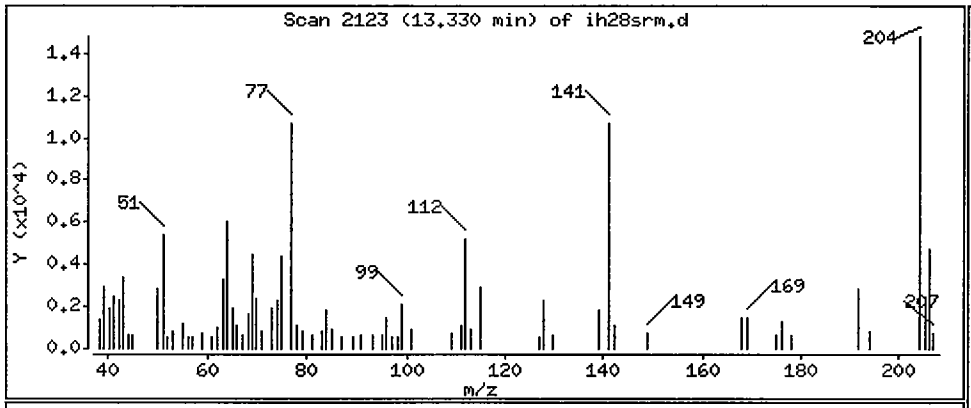
Client ID: SQ-1 Instrument: nt4.i

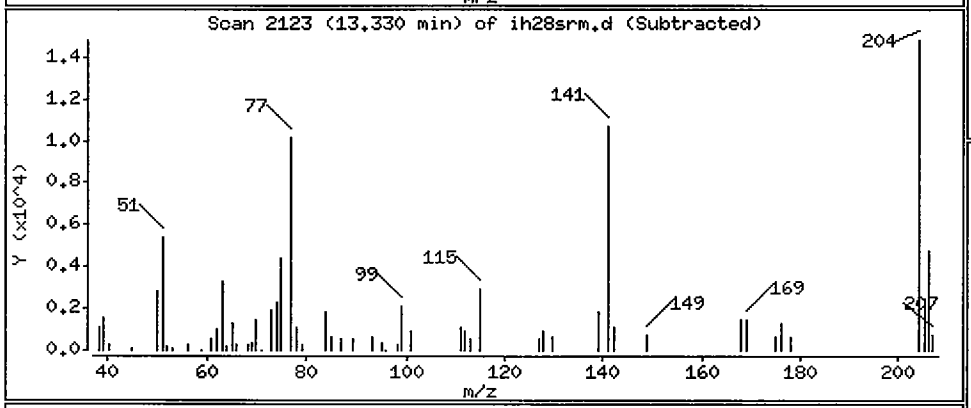
Sample Info: IH28SRM

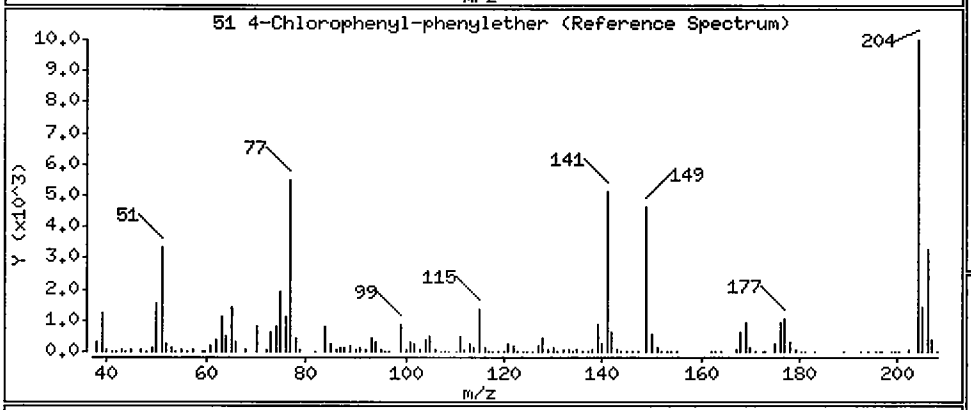
Volume Injected (uL): 1.0 Operator: VS

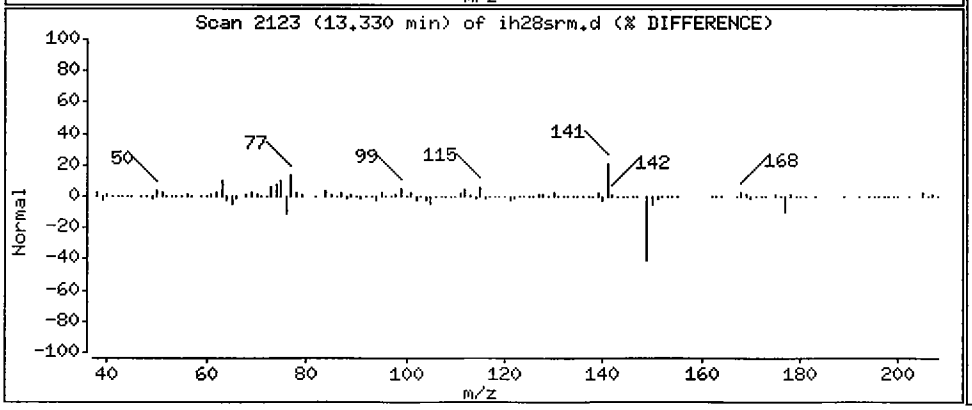
Column phase: RTX-5 Column diameter: 0.32

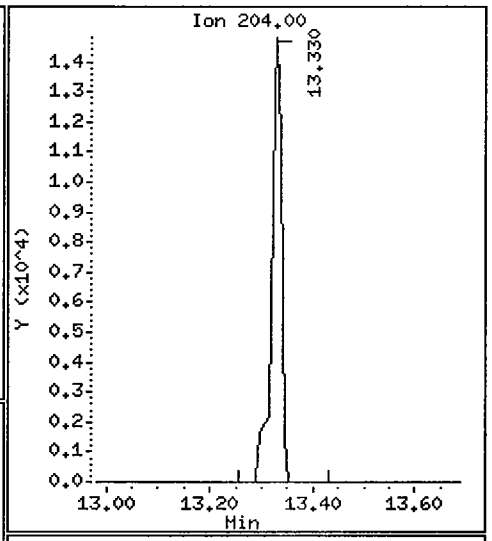
51 4-Chlorophenyl-phenylether Concentration: 95.56 ug/kg

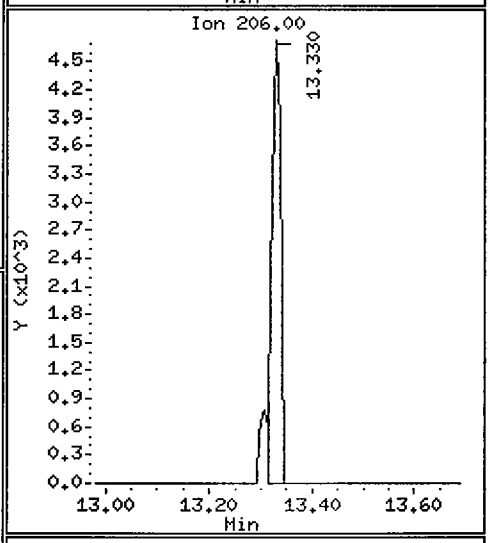


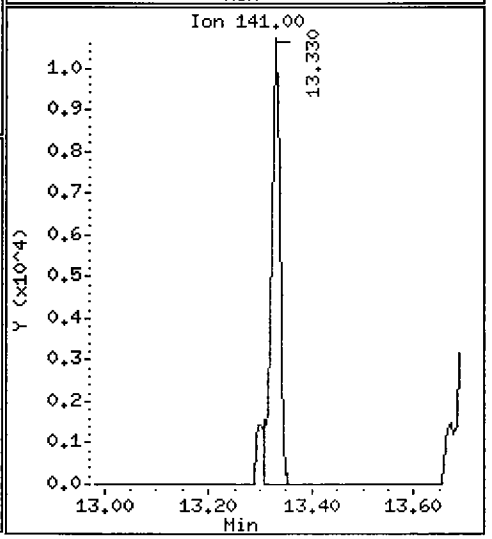












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

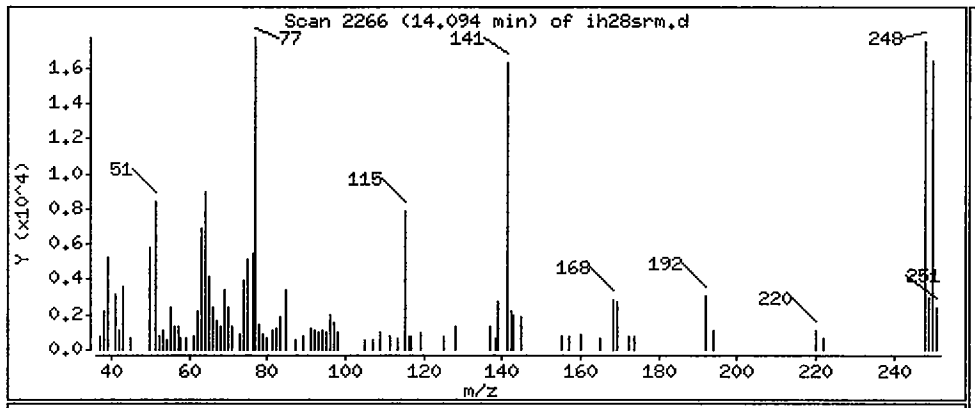
Client ID: SQ-1 Instrument: nt4.i

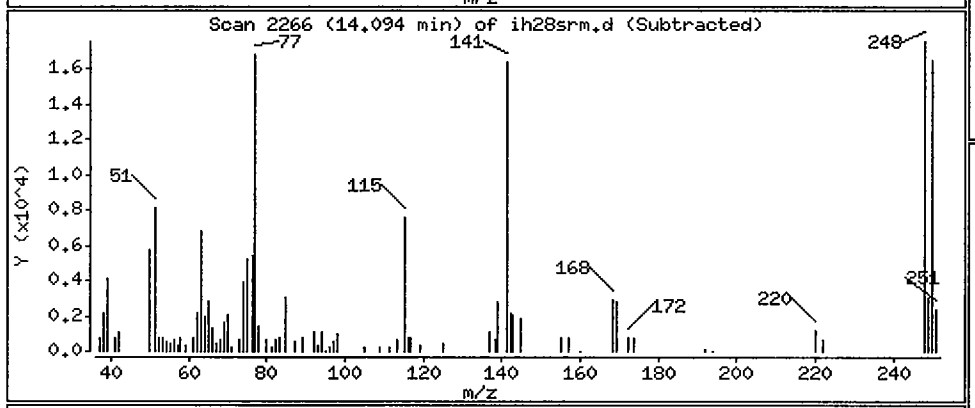
Sample Info: IH28SRM

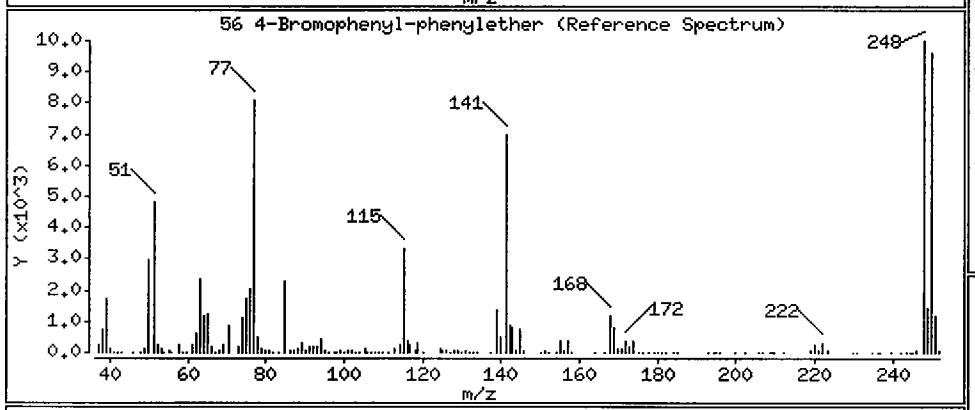
Volume Injected (uL): 1.0 Operator: VS

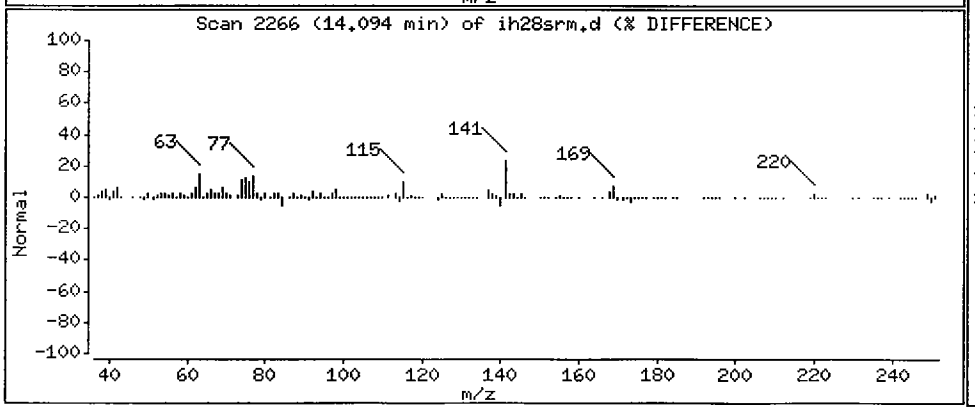
Column phase: RTX-5 Column diameter: 0.32

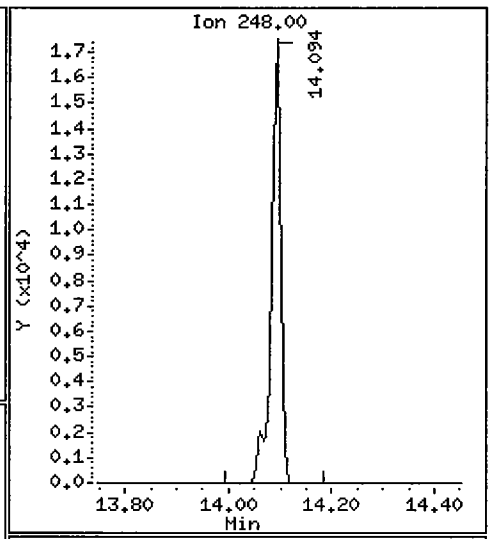
56 4-Bromophenyl-phenylether Concentration: 224.5 ug/kg

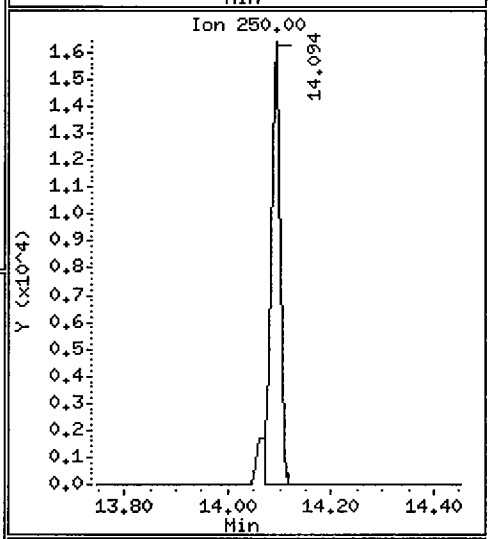


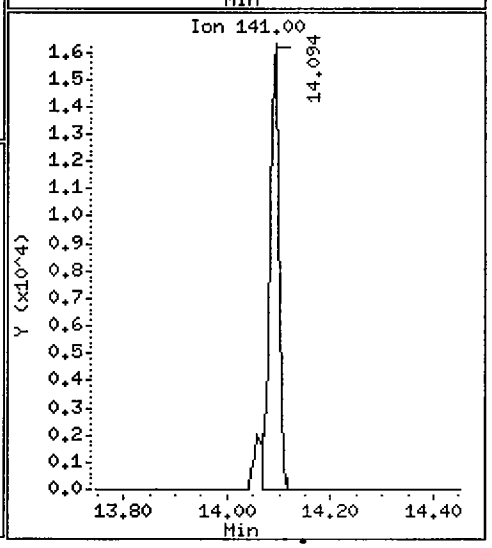












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

Client ID: SQ-1

Instrument: nt4.i

Sample Info: IH28SRM

Volume Injected (uL): 1.0

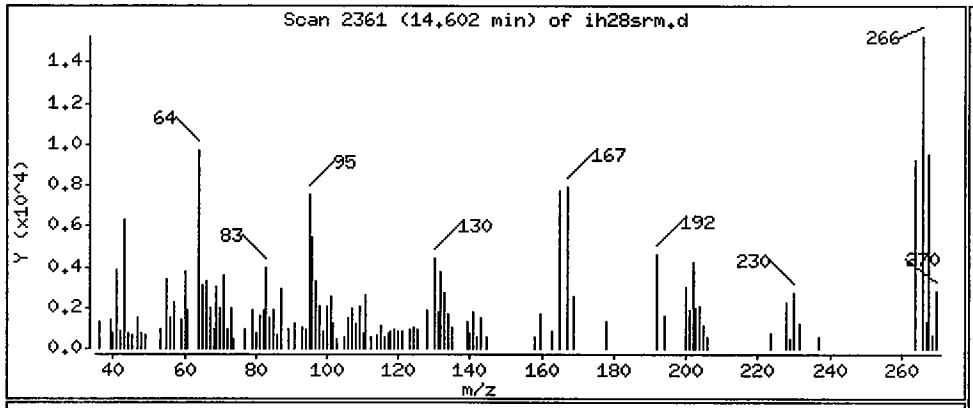
Operator: VS

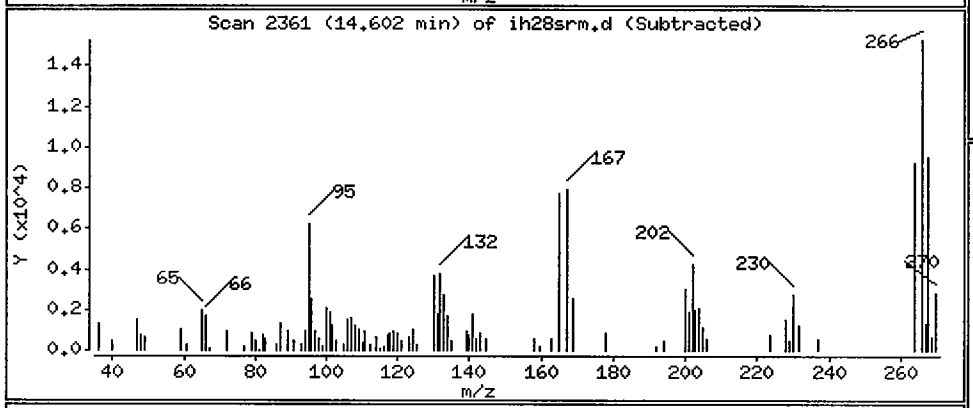
Column phase: RTX-5

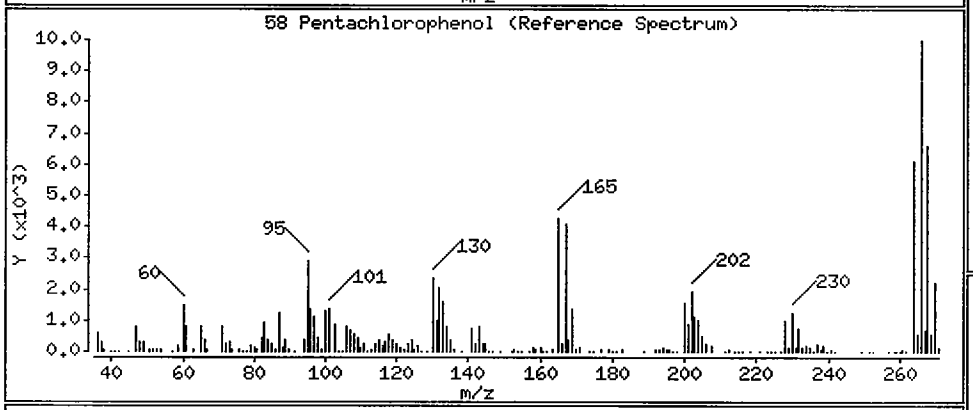
Column diameter: 0.32

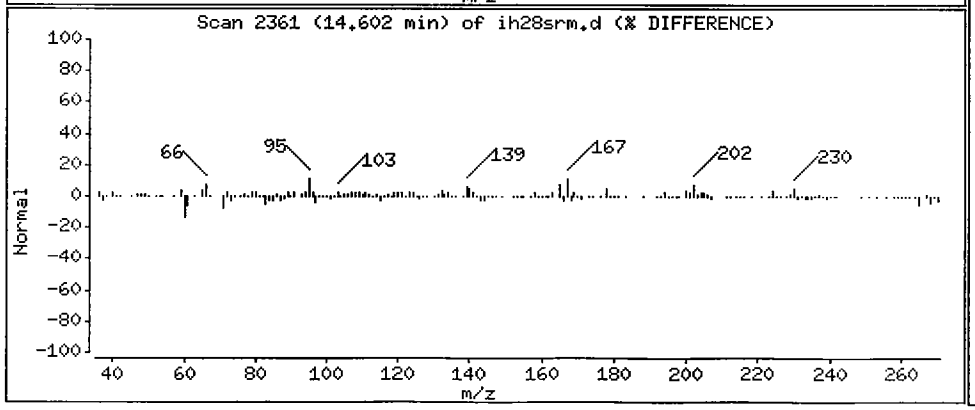
58 Pentachlorophenol

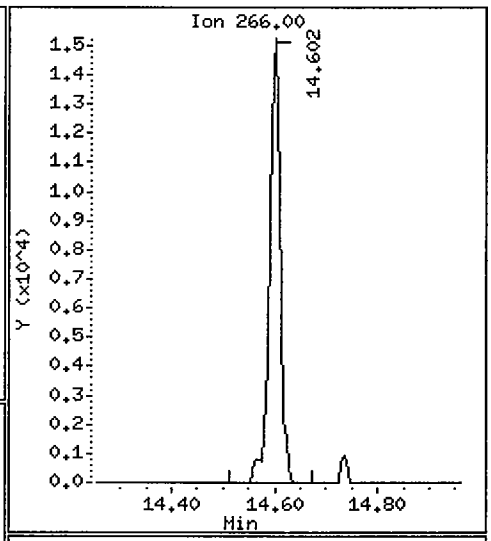
Concentration: 355.2 ug/kg

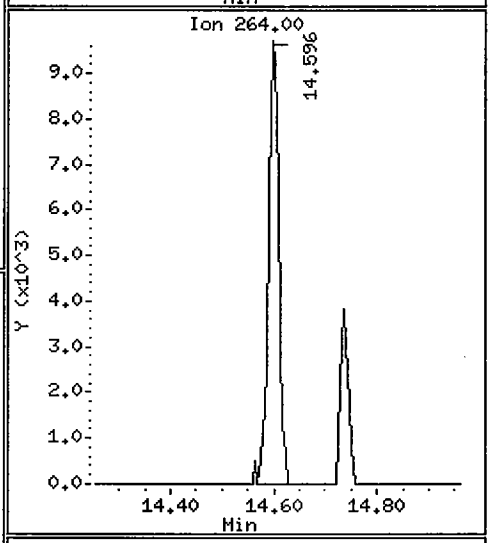


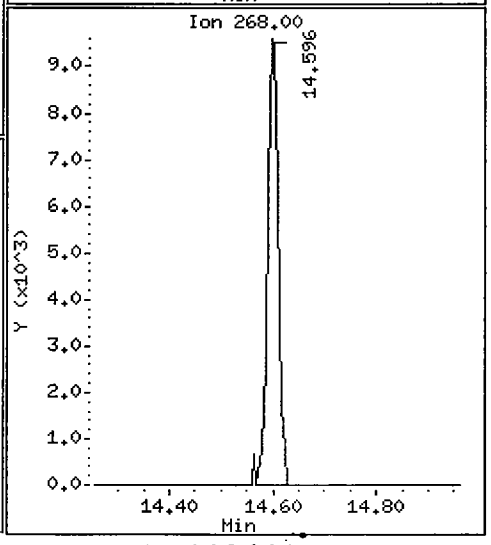












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

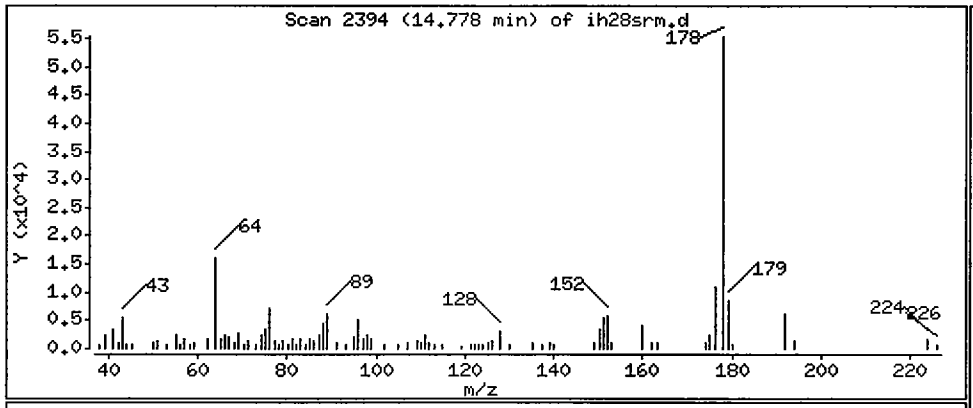
Client ID: SQ-1 Instrument: nt4.i

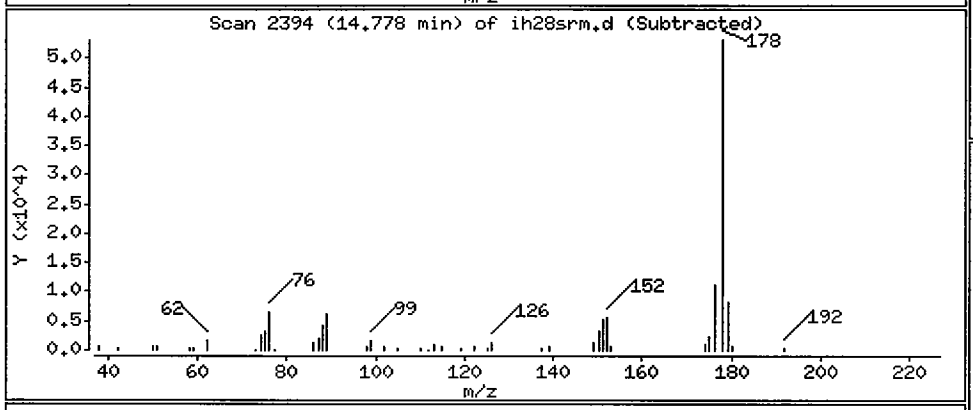
Sample Info: IH28SRM

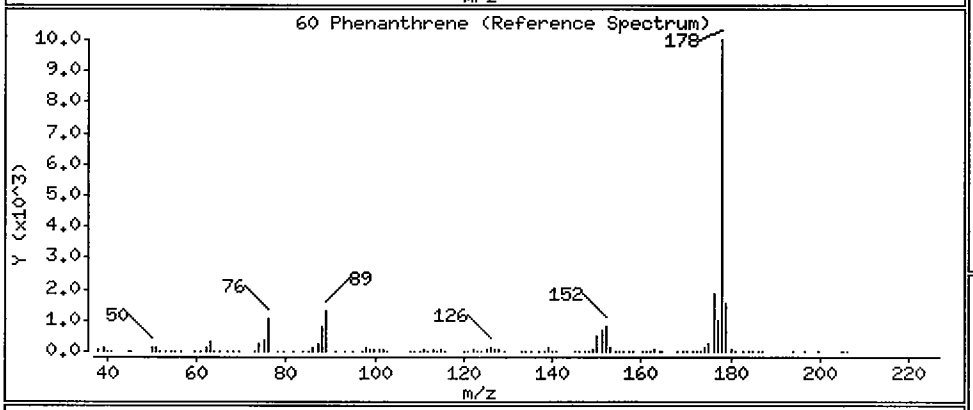
Volume Injected (uL): 1.0 Operator: VS

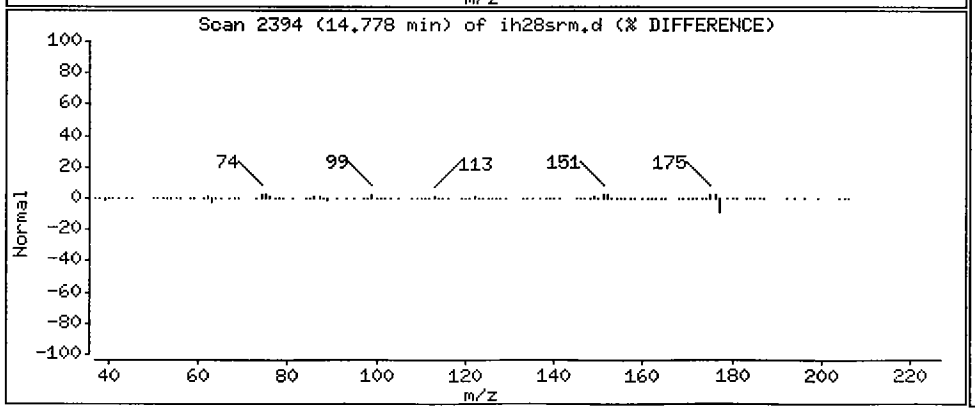
Column phase: RTX-5 Column diameter: 0.32

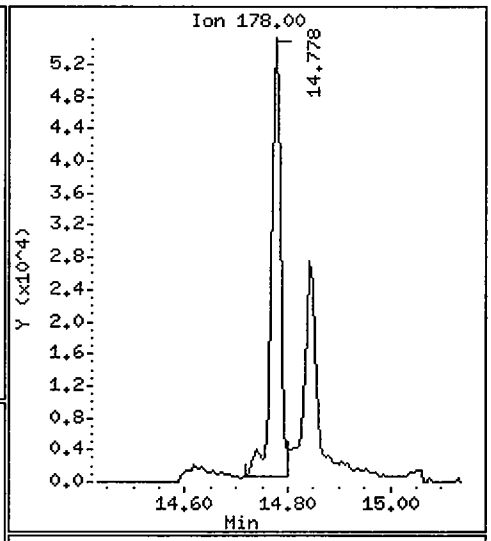
60 Phenanthrene Concentration: 113.0 ug/kg

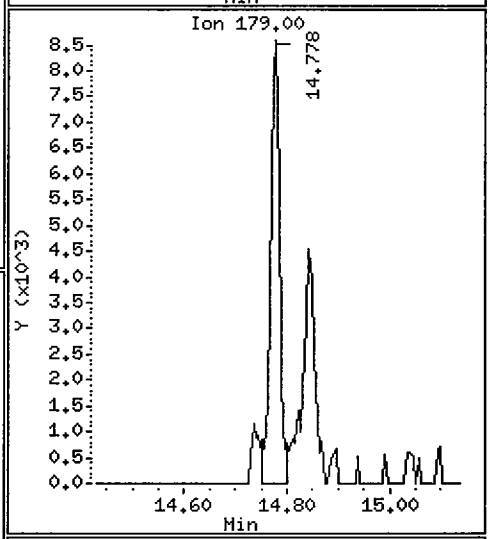


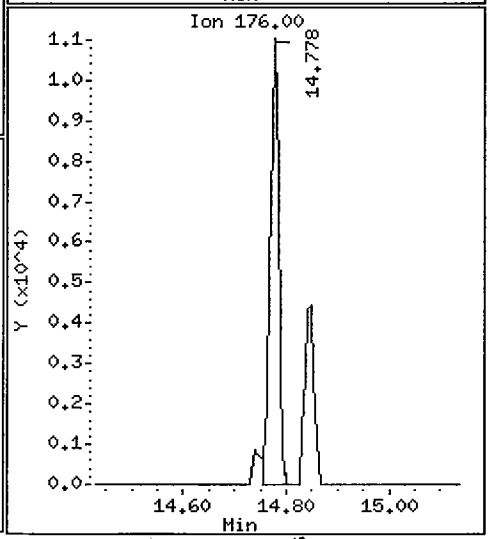












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

Client ID: SQ-1

Instrument: nt4.i

Sample Info: IH28SRM

Volume Injected (uL): 1.0

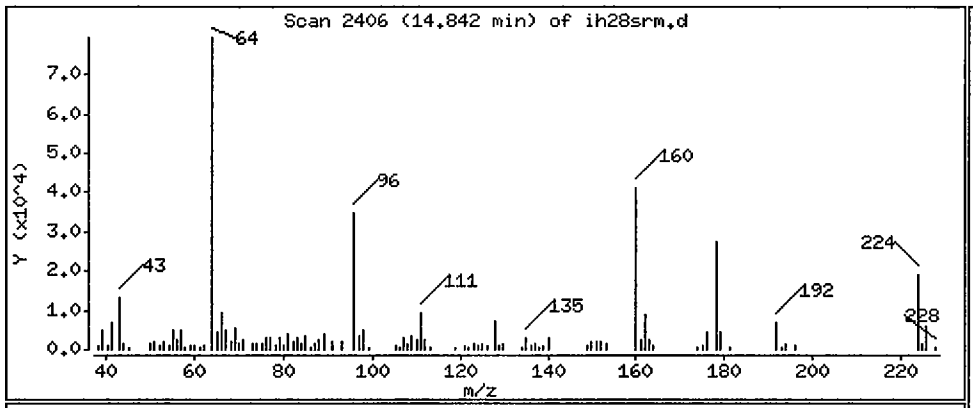
Operator: VS

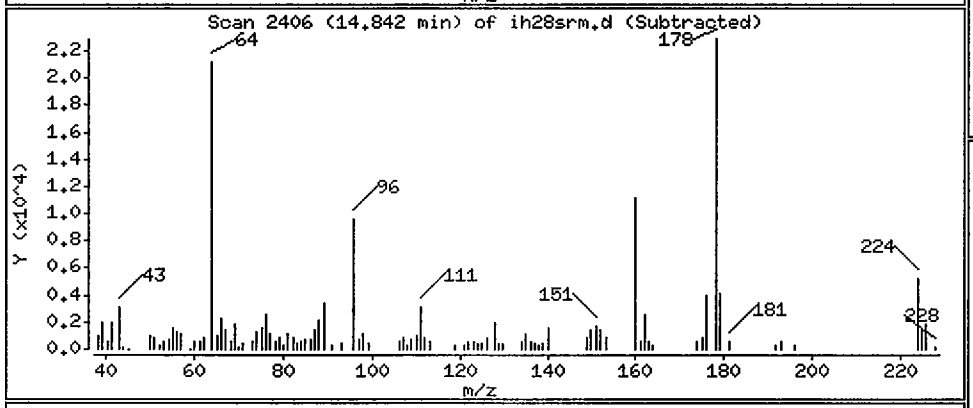
Column phase: RTX-5

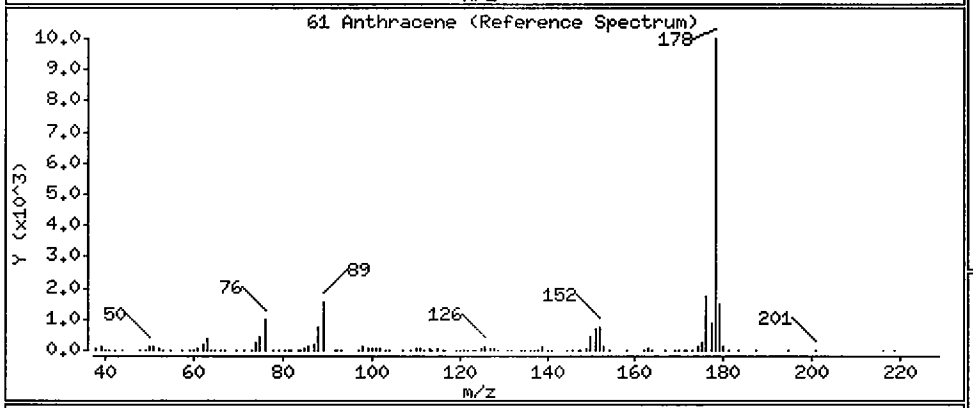
Column diameter: 0.32

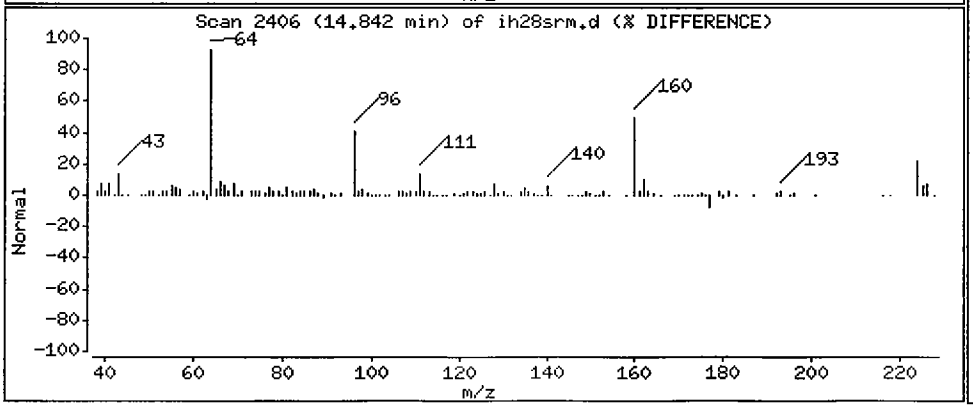
61 Anthracene

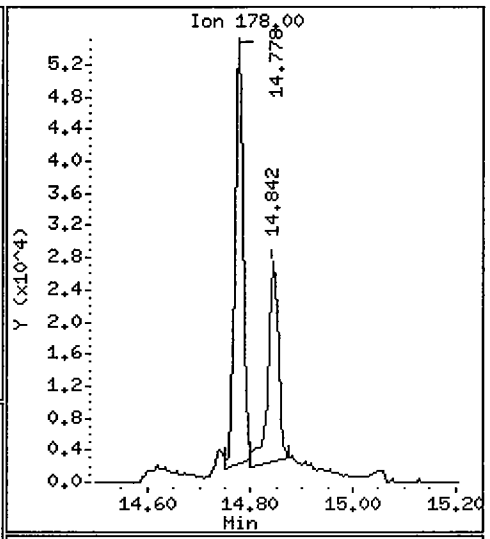
Concentration: 56.58 ug/kg

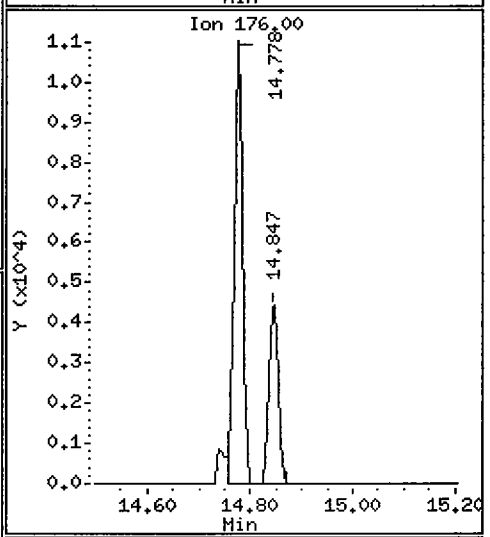


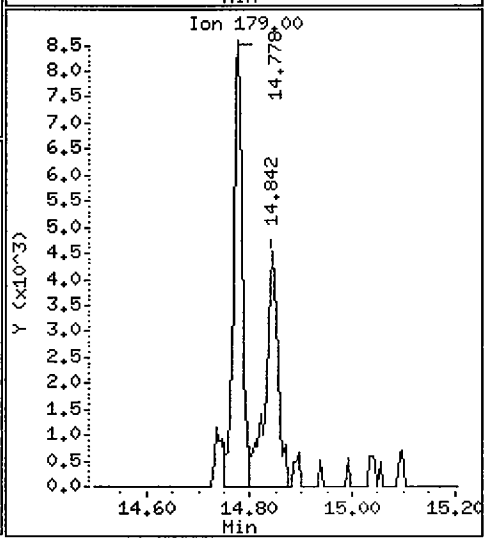












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

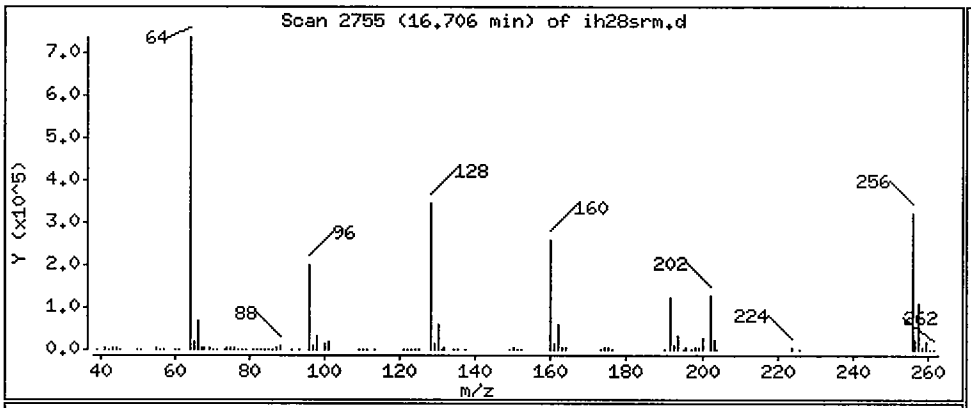
Client ID: SQ-1 Instrument: nt4.i

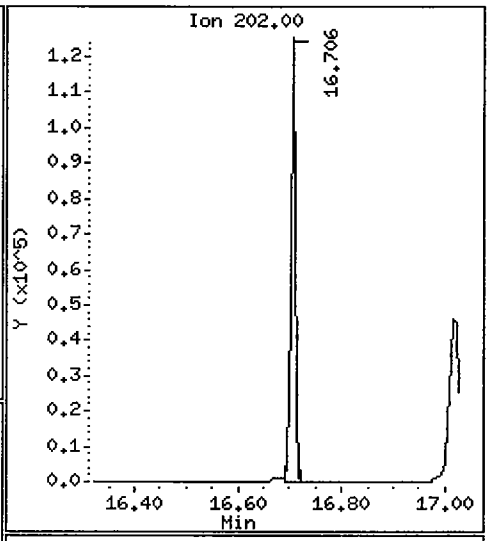
Sample Info: IH28SRM

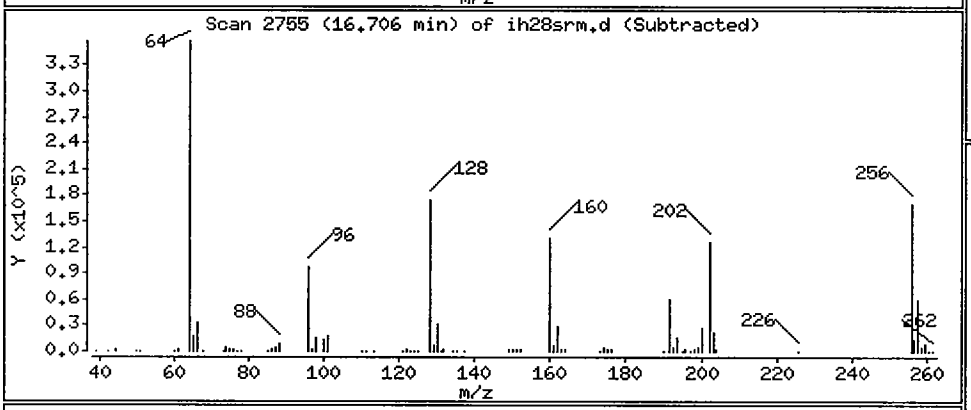
Volume Injected (uL): 1.0 Operator: VS

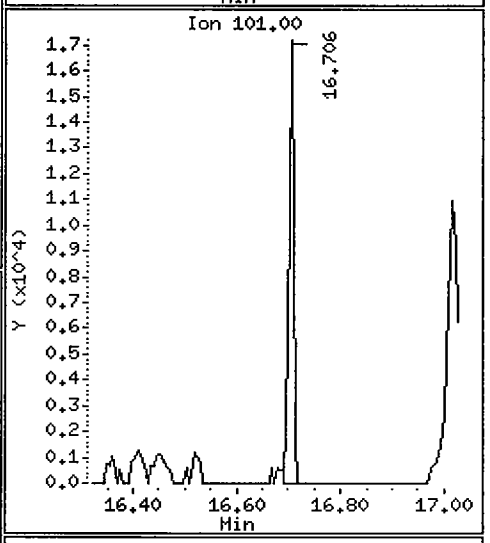
Column phase: RTX-5 Column diameter: 0.32

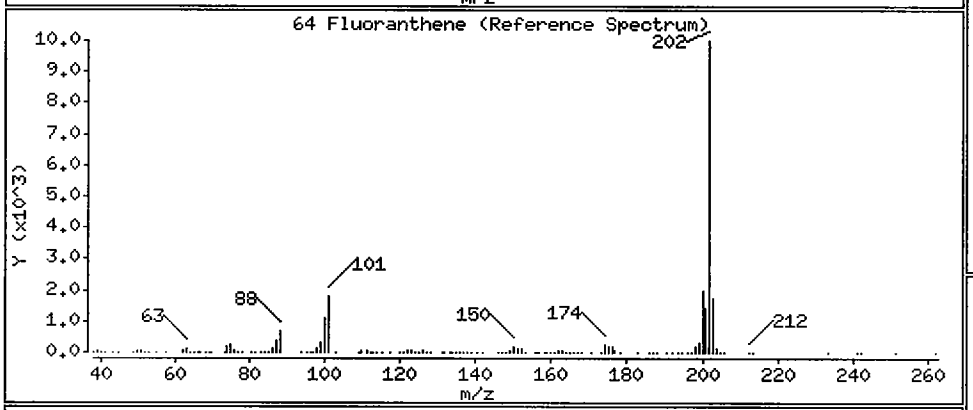
64 Fluoranthene Concentration: 113.0 ug/kg

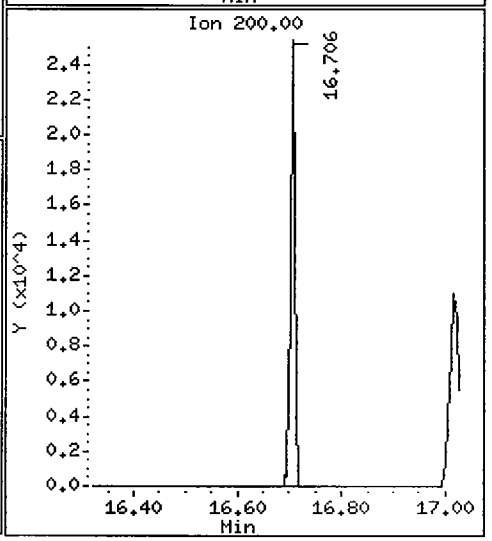


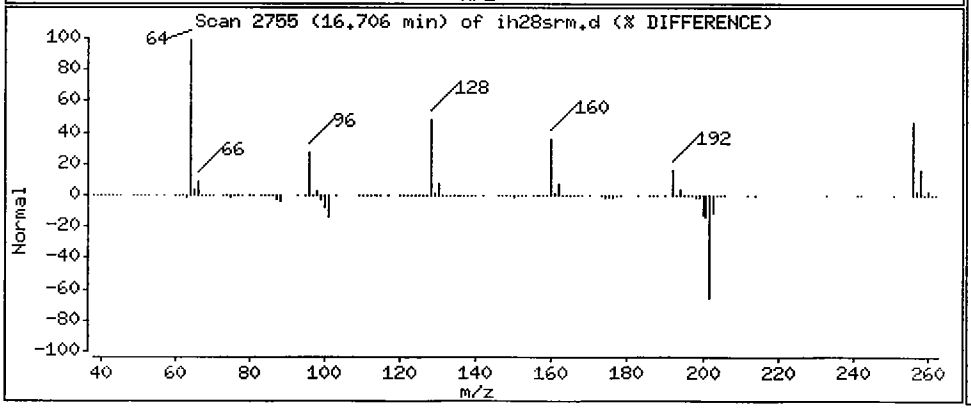












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

Client ID: SQ-1

Instrument: nt4.i

Sample Info: IH28SRM

Volume Injected (uL): 1.0

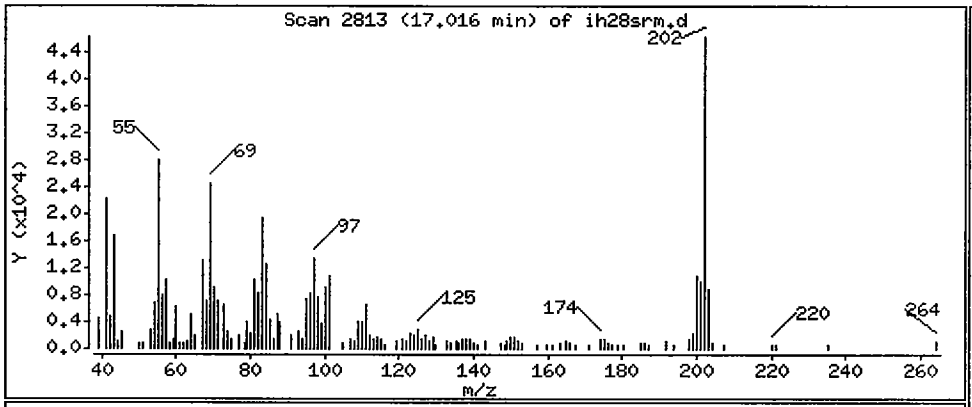
Operator: VS

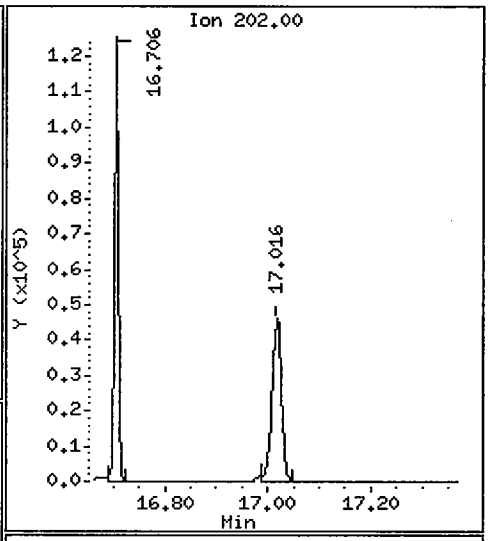
Column phase: RTX-5

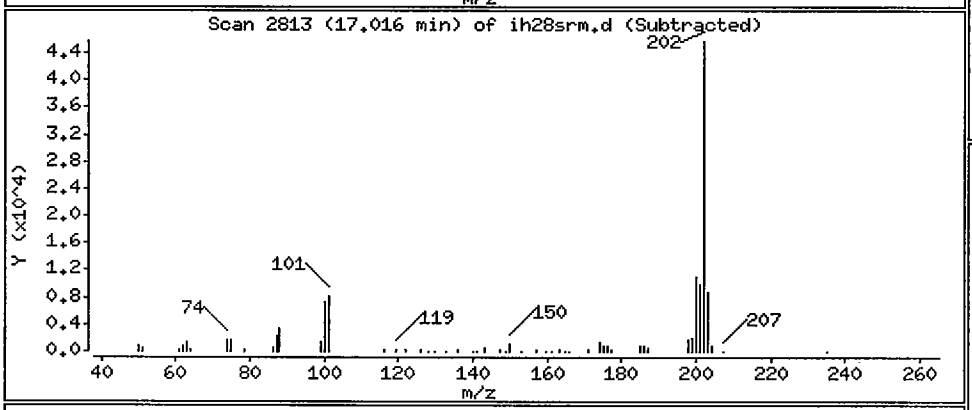
Column diameter: 0.32

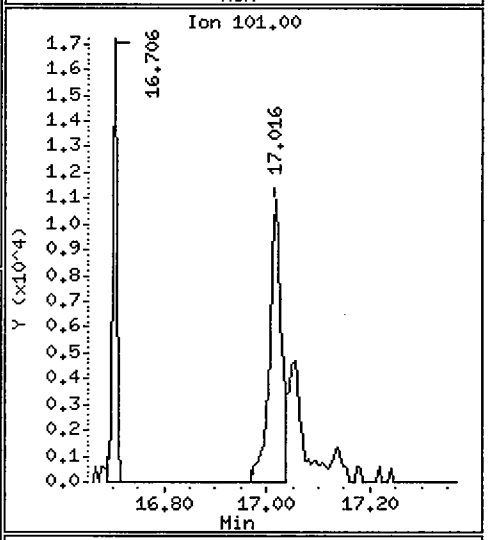
65 Pyrene

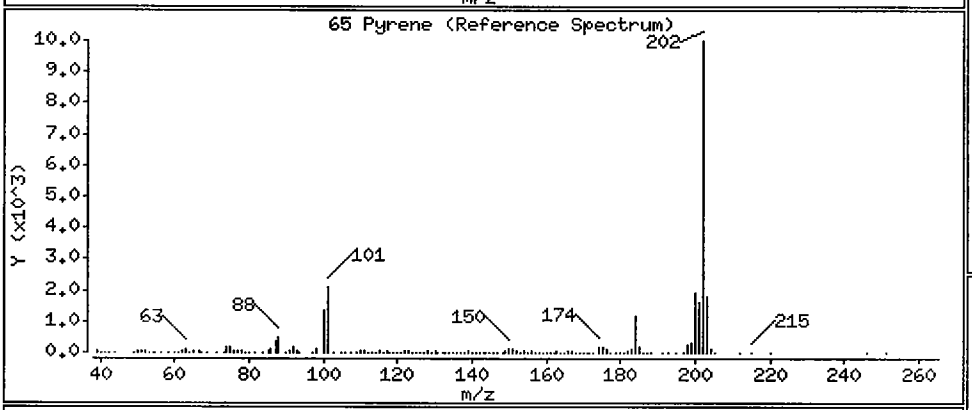
Concentration: 91.38 ug/kg

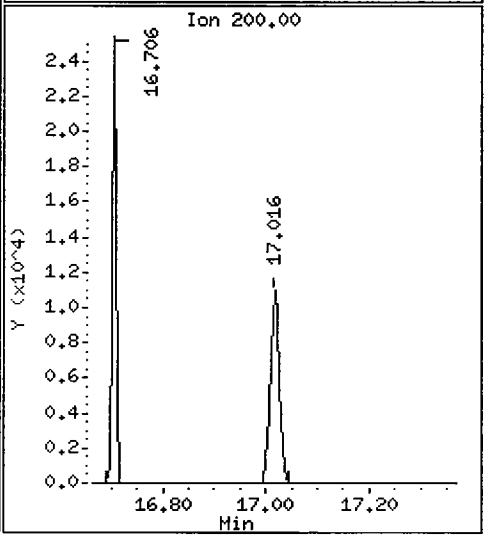


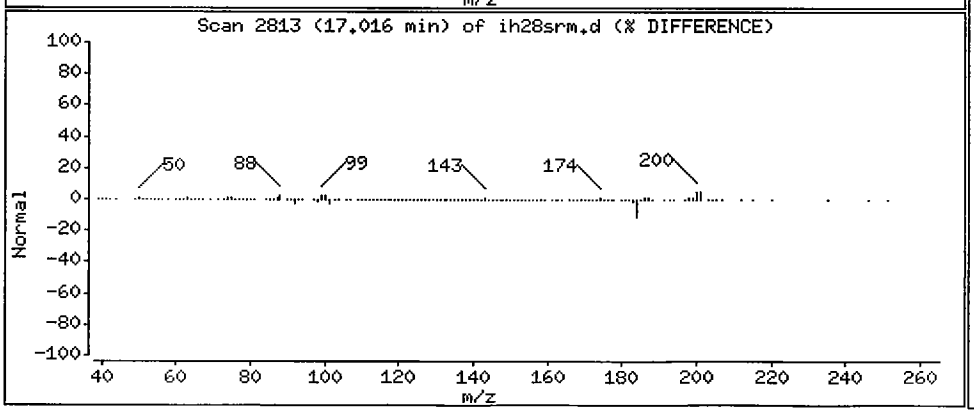












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

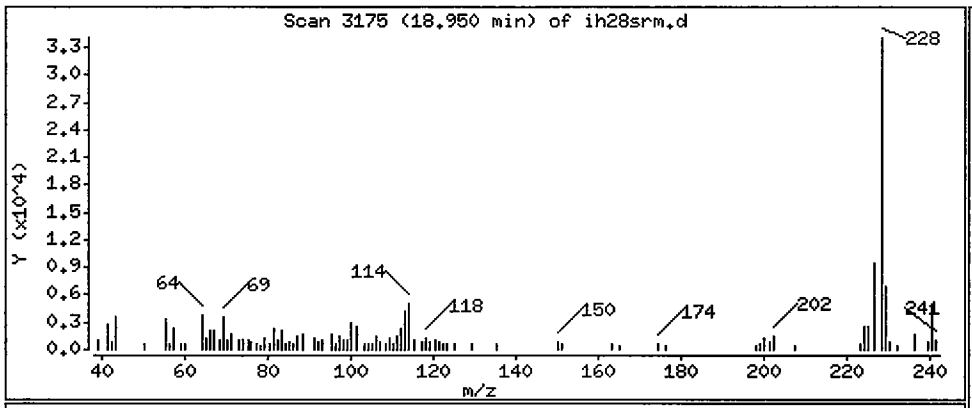
Client ID: SQ-1 Instrument: nt4.i

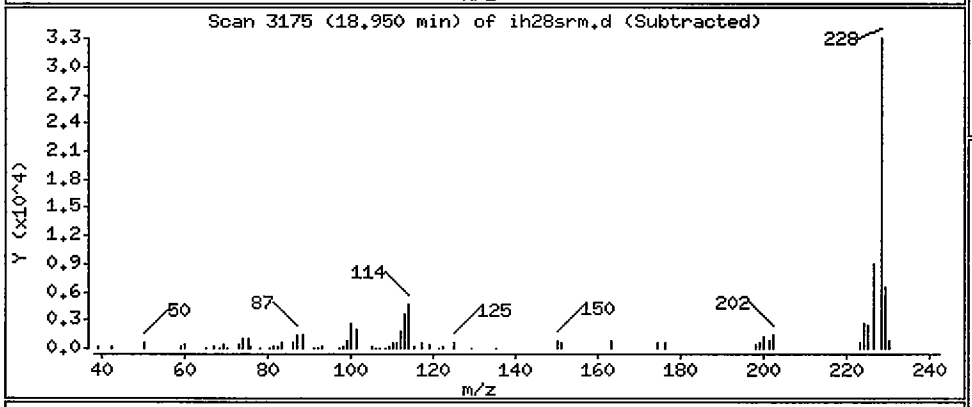
Sample Info: IH28SRM

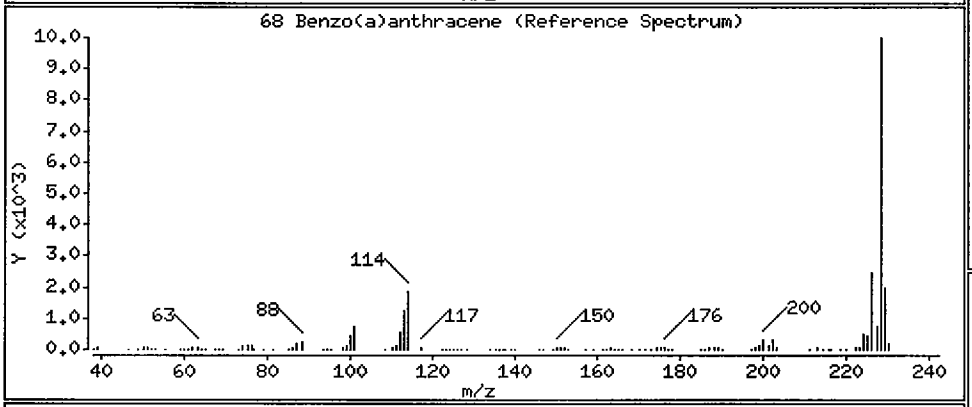
Volume Injected (uL): 1.0 Operator: VS

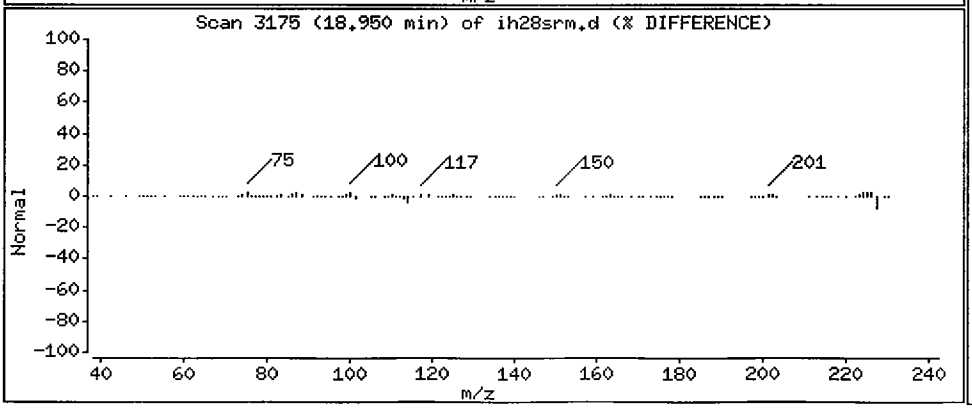
Column phase: RTX-5 Column diameter: 0.32

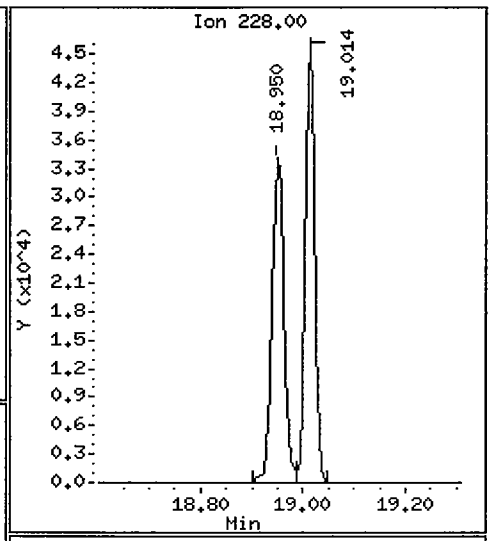
68 Benzo(a)anthracene Concentration: 94.79 ug/kg

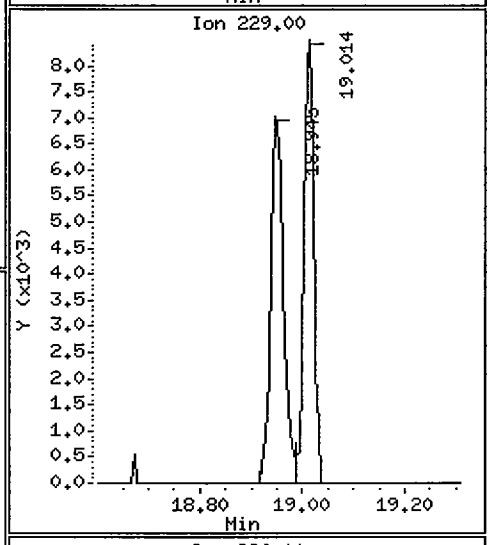


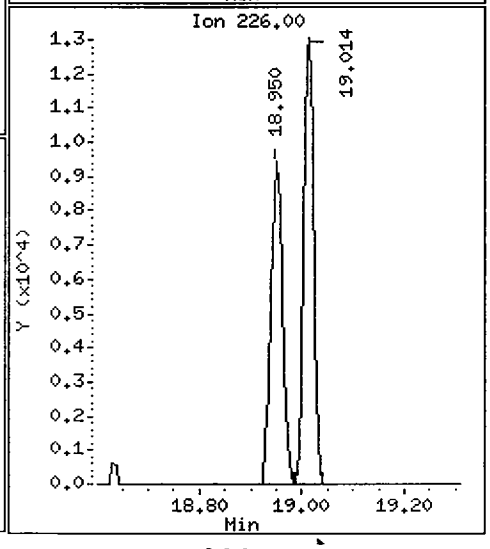












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

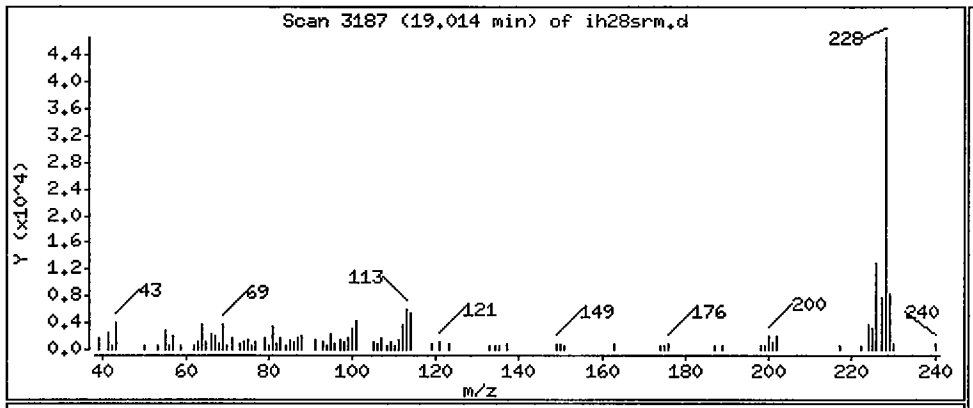
Client ID: SQ-1 Instrument: nt4.i

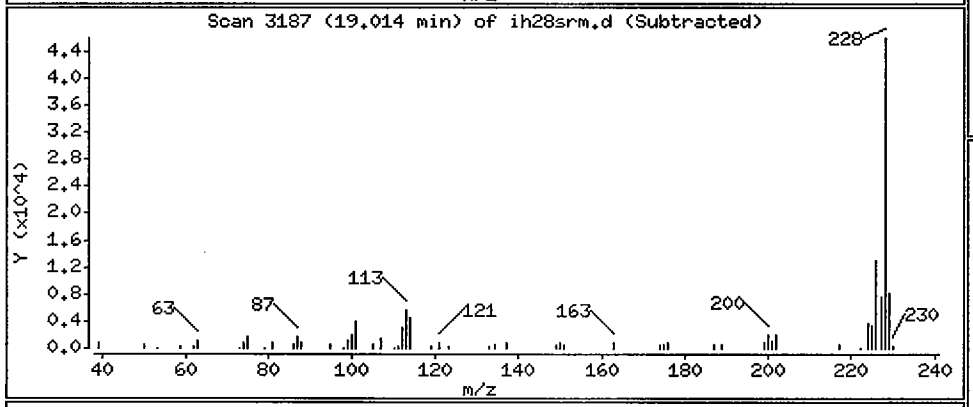
Sample Info: IH28SRM

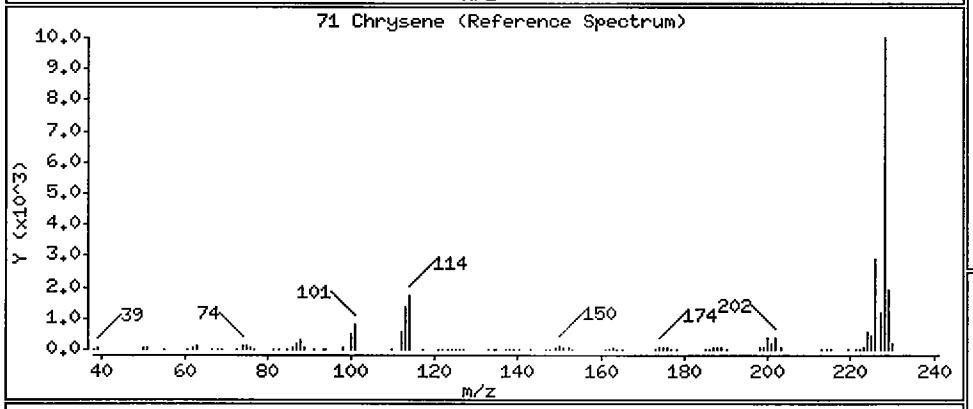
Volume Injected (uL): 1.0 Operator: VS

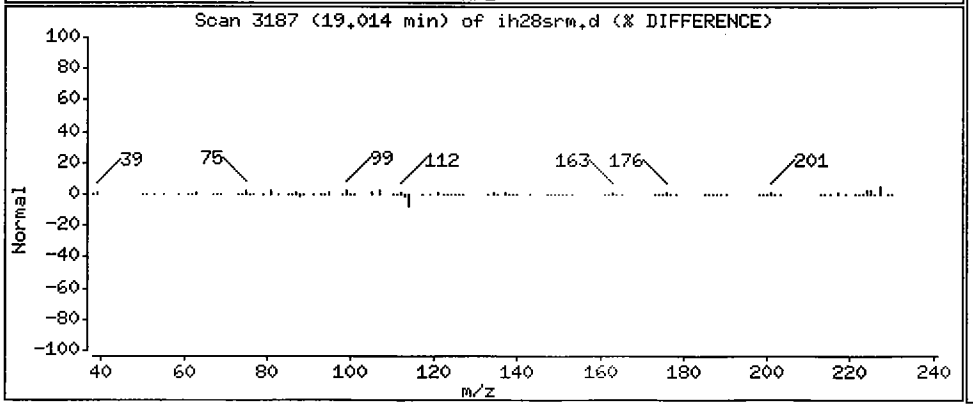
Column phase: RTX-5 Column diameter: 0.32

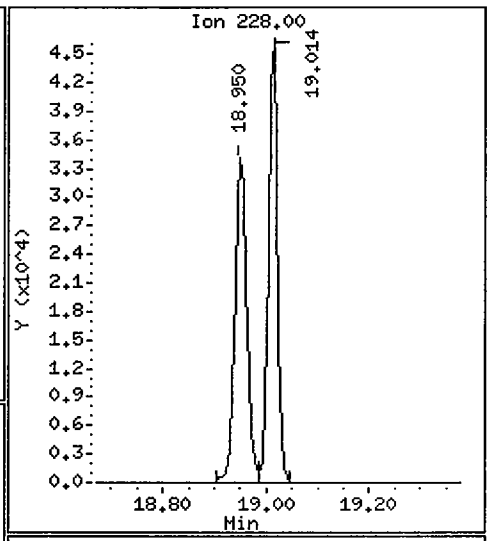
71 Chrysene Concentration: 98.87 ug/kg

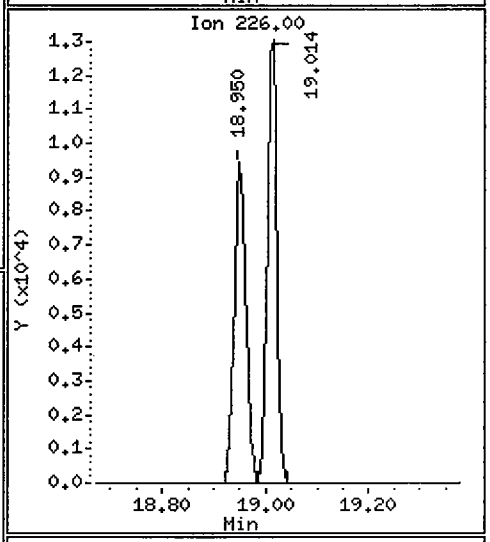


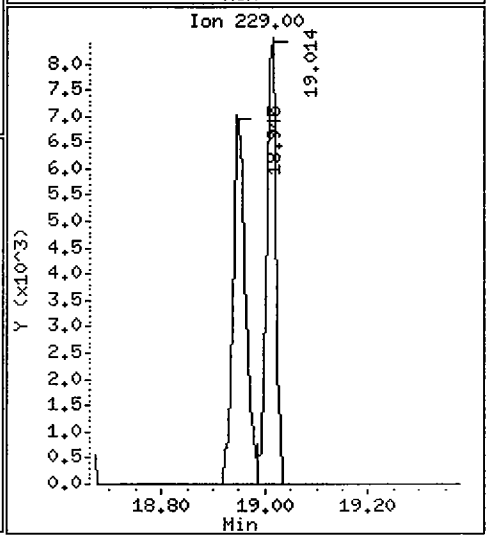












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

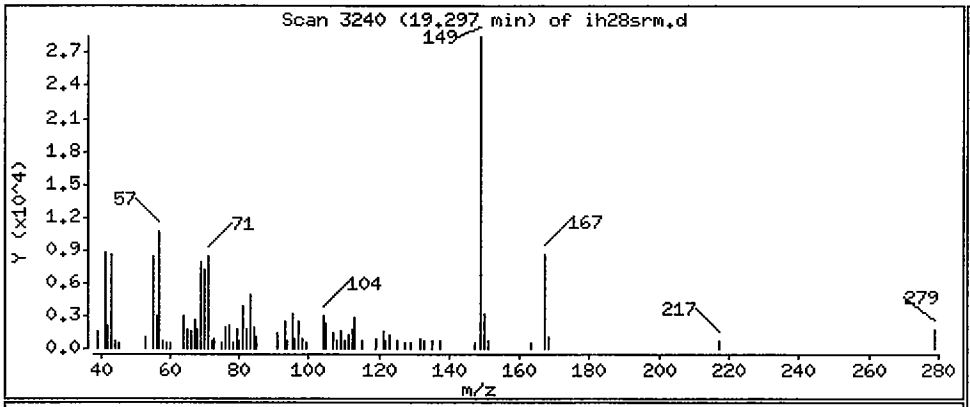
Client ID: SQ-1 Instrument: nt4.i

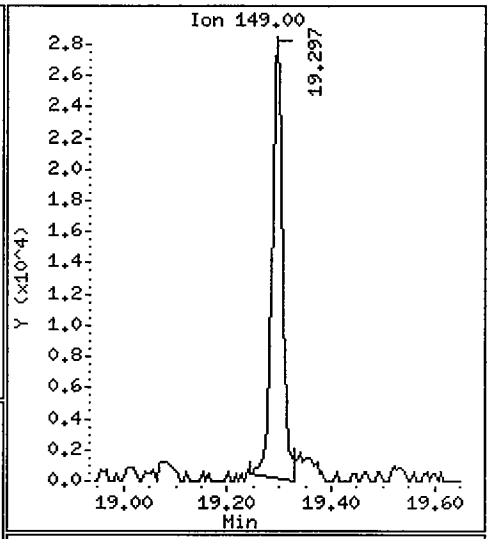
Sample Info: IH28SRM

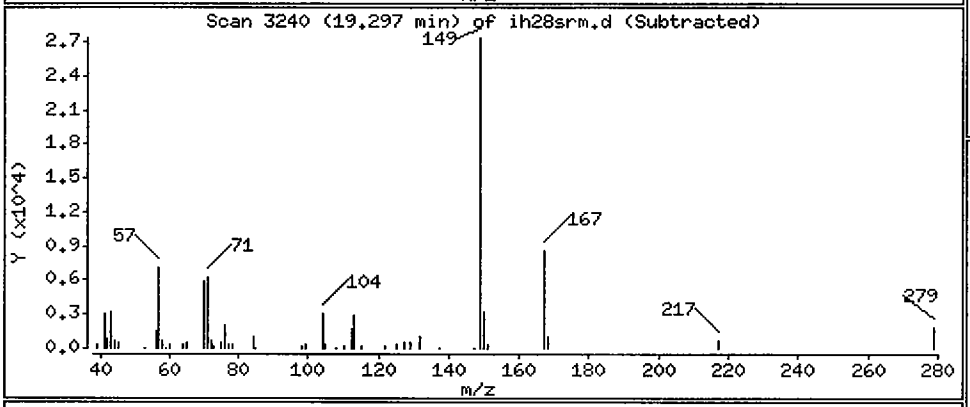
Volume Injected (uL): 1.0 Operator: VS

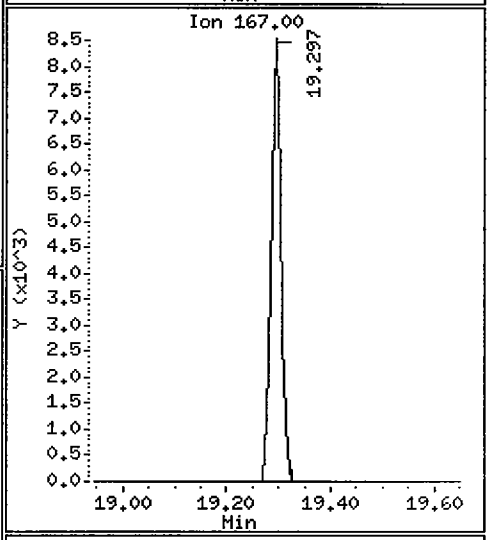
Column phase: RTX-5 Column diameter: 0.32

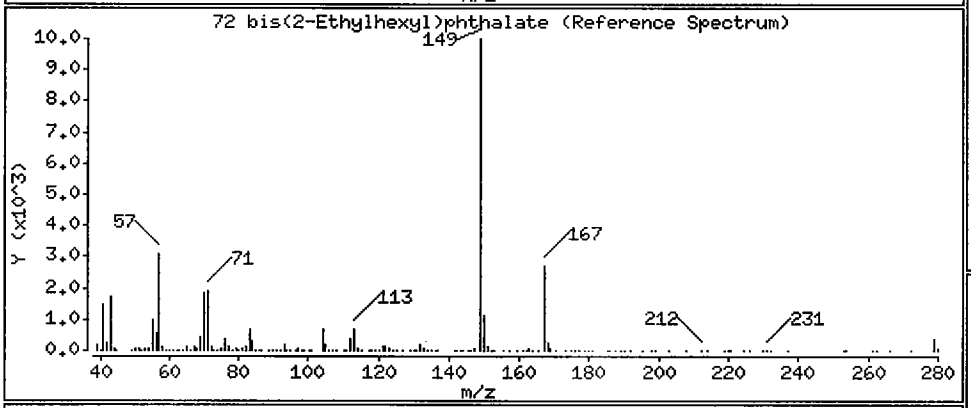
72 bis(2-Ethylhexyl)phthalate Concentration: 92.70 ug/kg

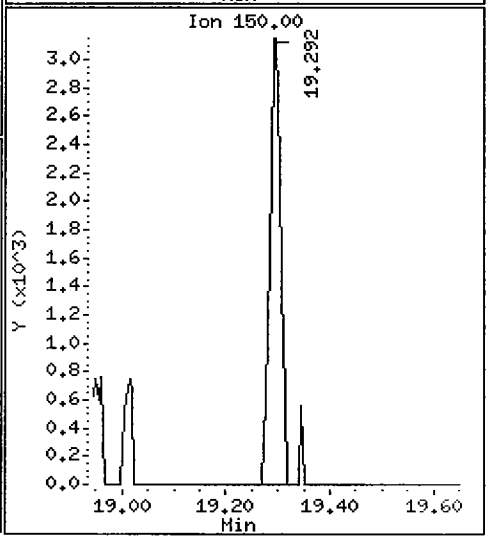


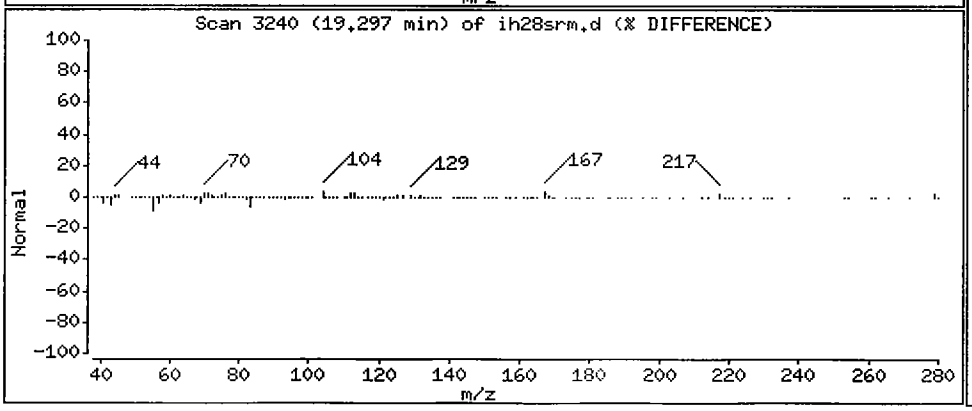












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

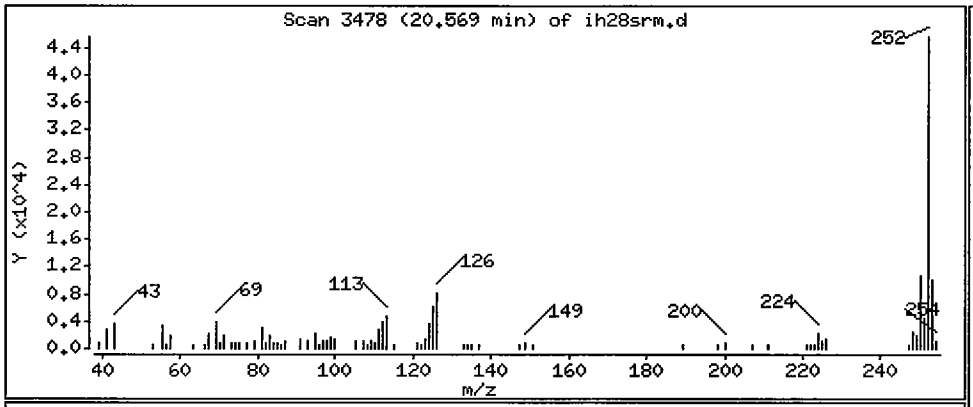
Client ID: SQ-1 Instrument: nt4.i

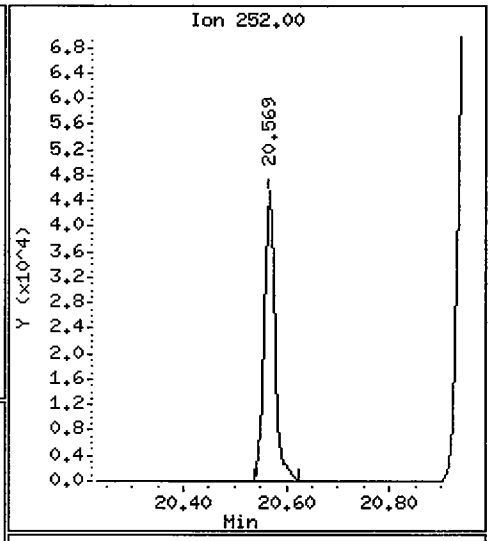
Sample Info: IH28SRM

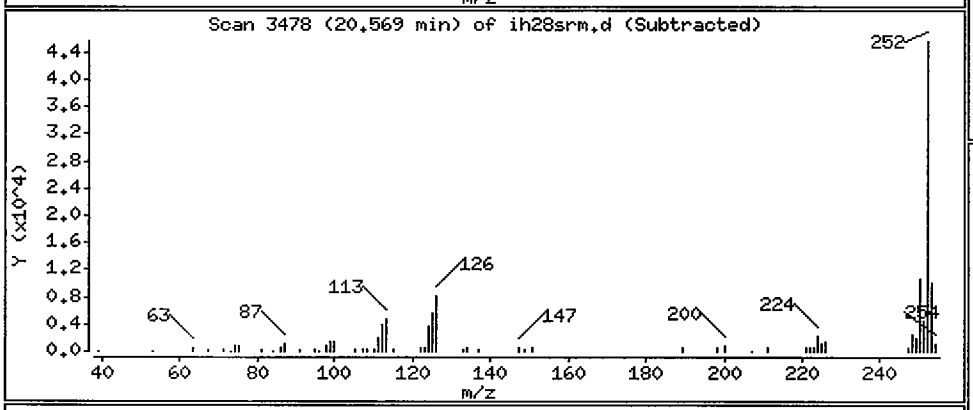
Volume Injected (uL): 1.0 Operator: WS

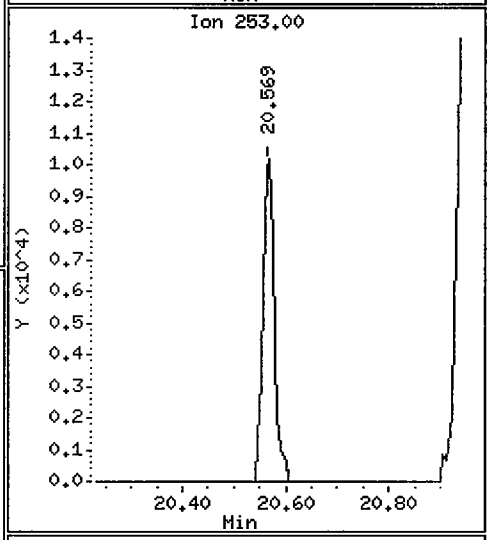
Column phase: RTX-5 Column diameter: 0.32

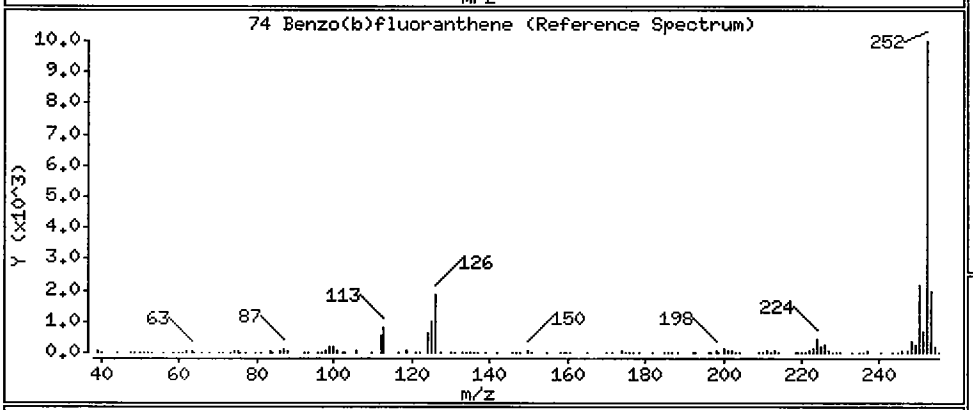
74 Benzo(b)fluoranthene Concentration: 133.4 ug/kg

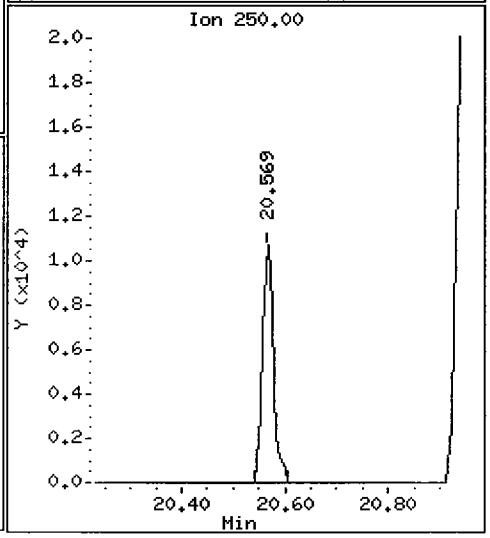


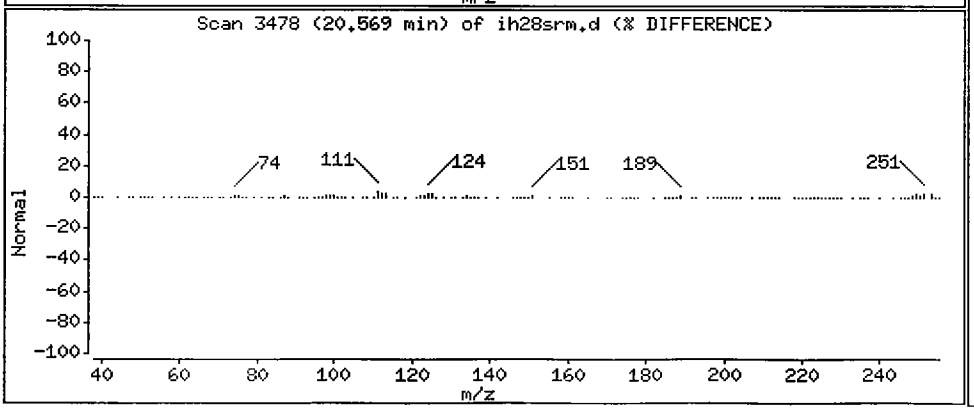












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

Client ID: SQ-1

Instrument: nt4.i

Sample Info: IH28SRM

Volume Injected (uL): 1.0

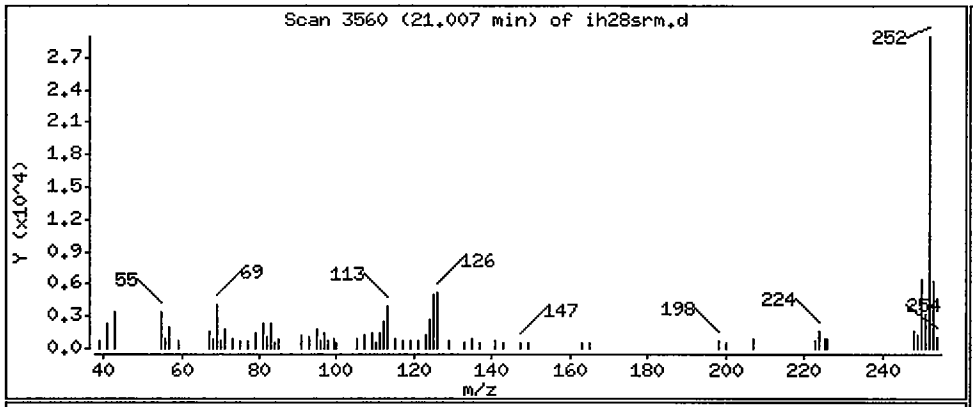
Operator: VS

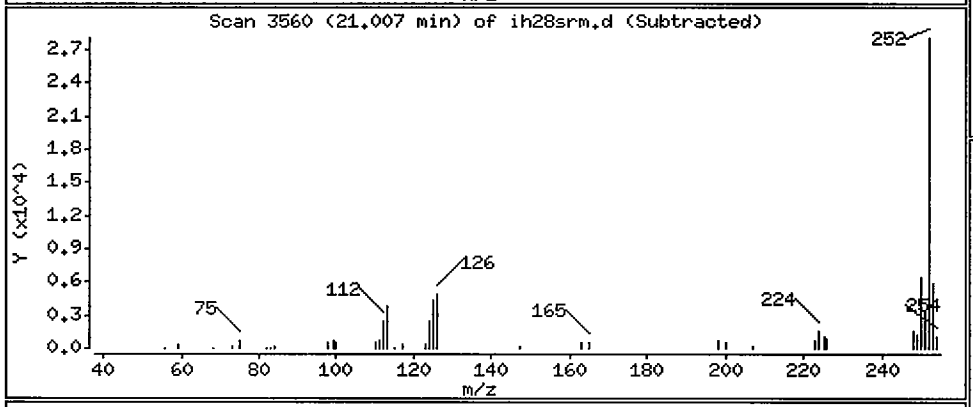
Column phase: RTX-5

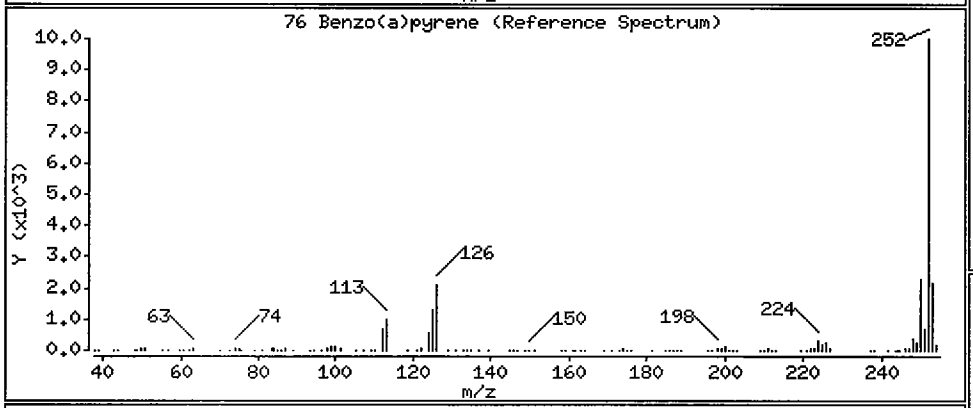
Column diameter: 0.32

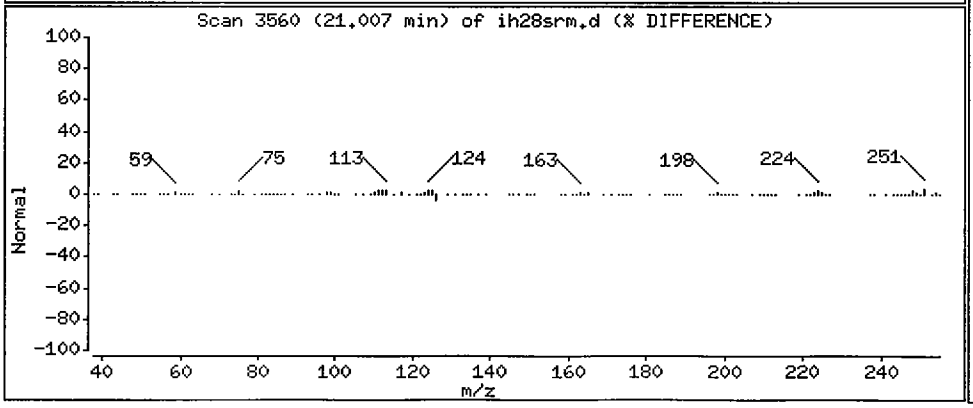
76 Benzo(a)pyrene

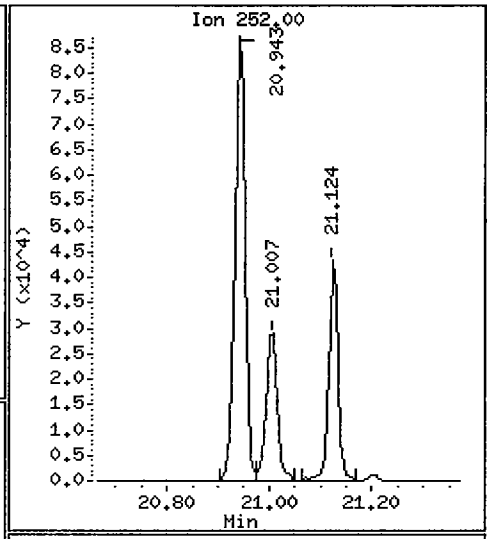
Concentration: 98.95 ug/kg

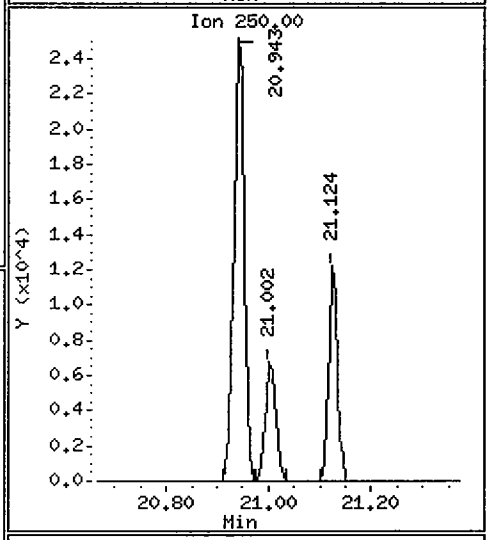


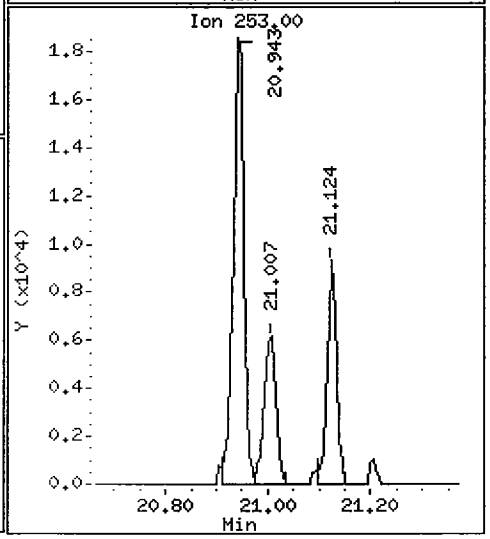












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

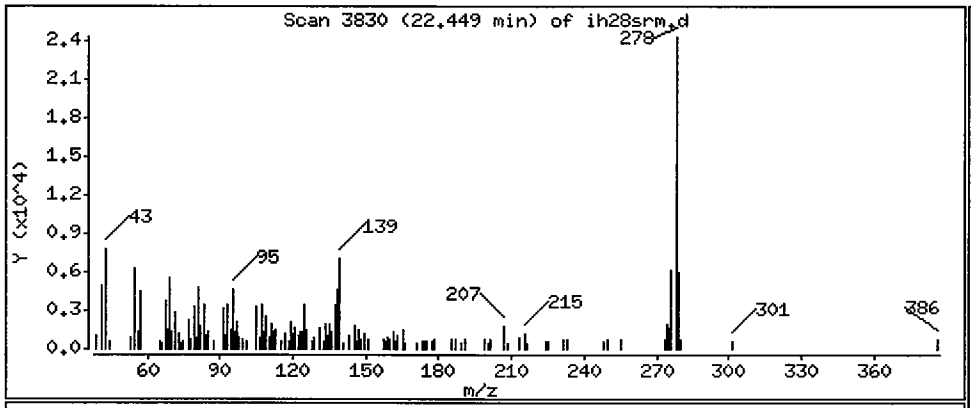
Client ID: SQ-1 Instrument: nt4.i

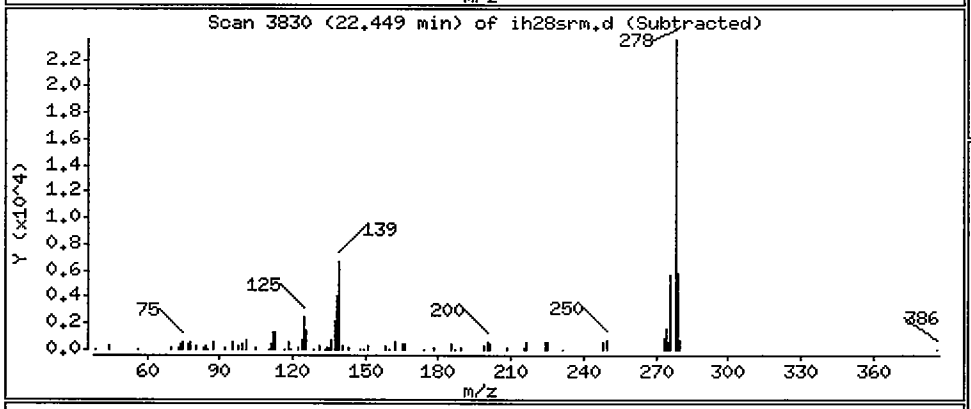
Sample Info: IH28SRM

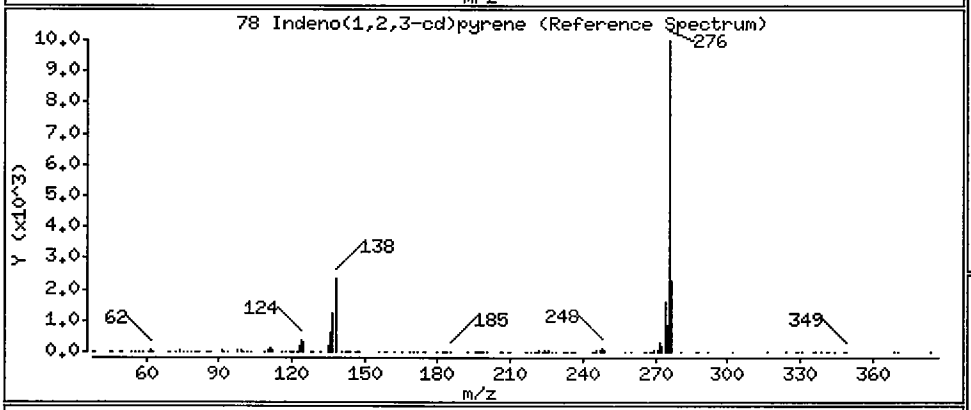
Volume Injected (uL): 1.0 Operator: VS

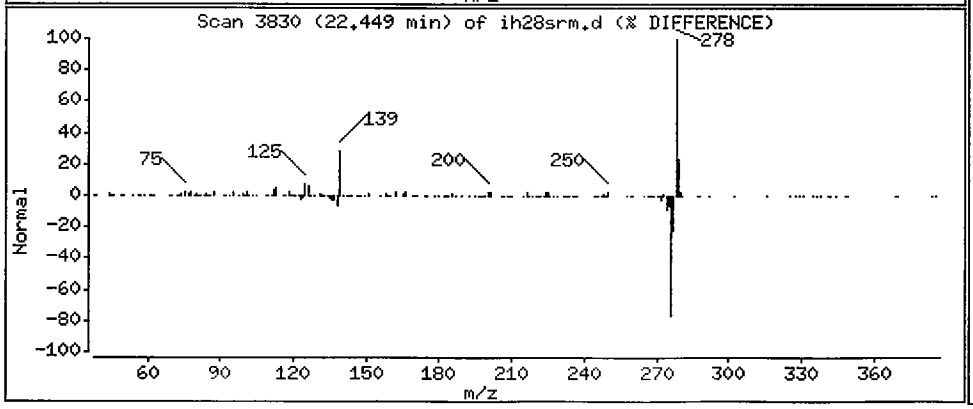
Column phase: RTX-5 Column diameter: 0.32

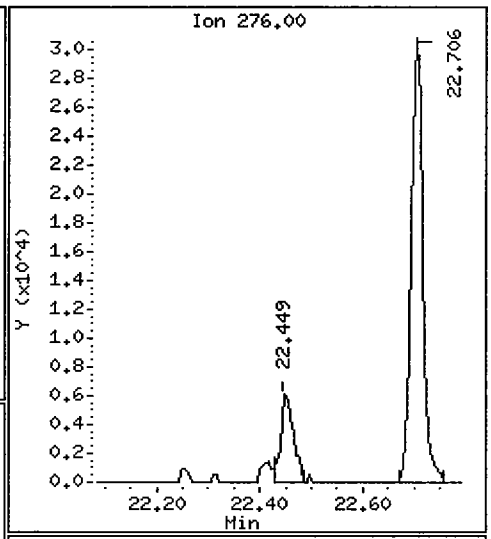
78 Indeno(1,2,3-cd)pyrene Concentration: 23.33 ug/kg

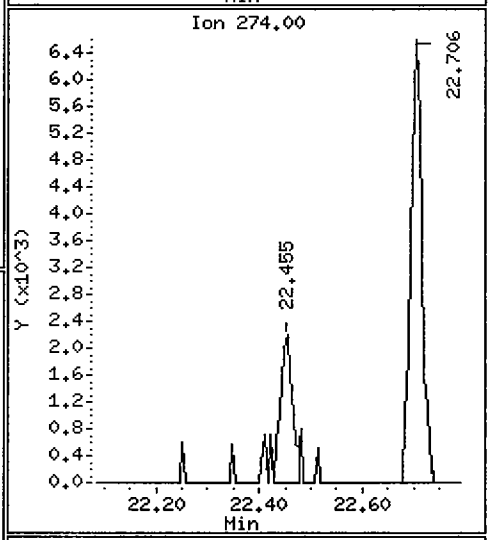


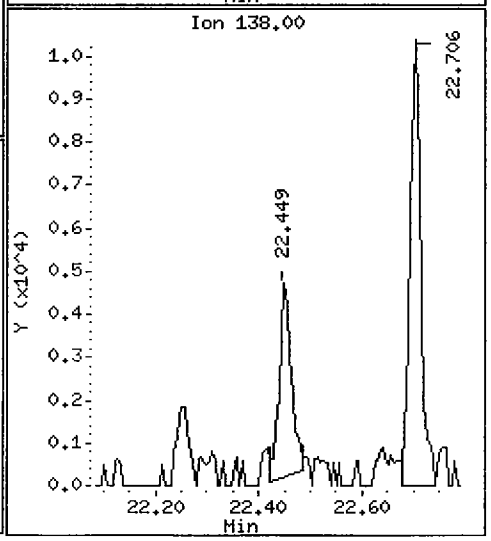












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

Client ID: SQ-1

Instrument: nt4.i

Sample Info: IH28SRM

Volume Injected (uL): 1.0

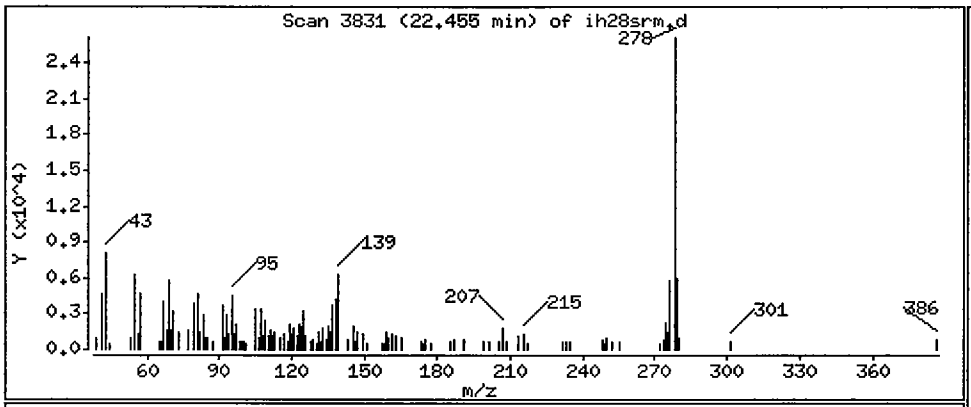
Operator: VS

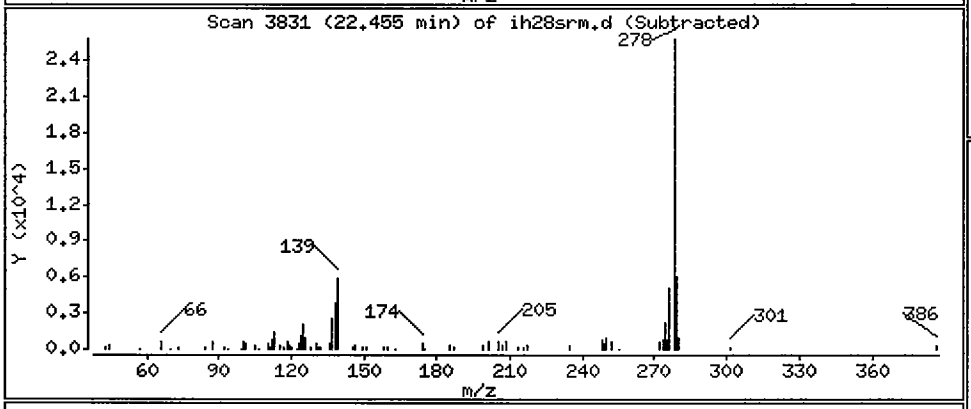
Column phase: RTX-5

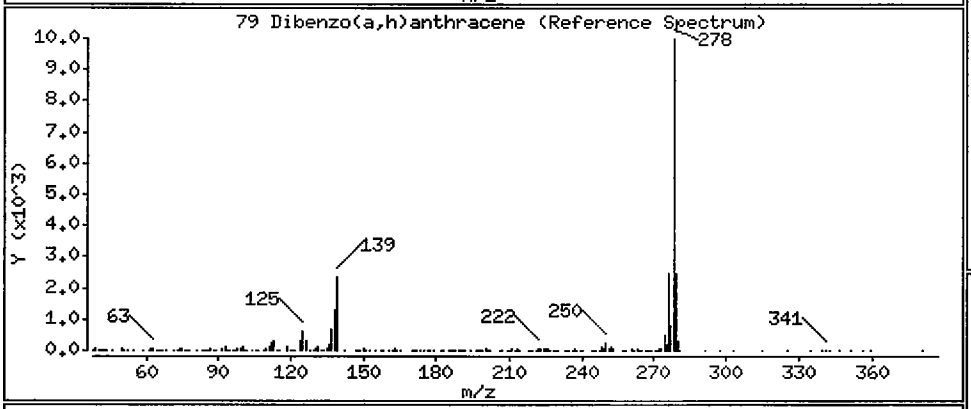
Column diameter: 0.32

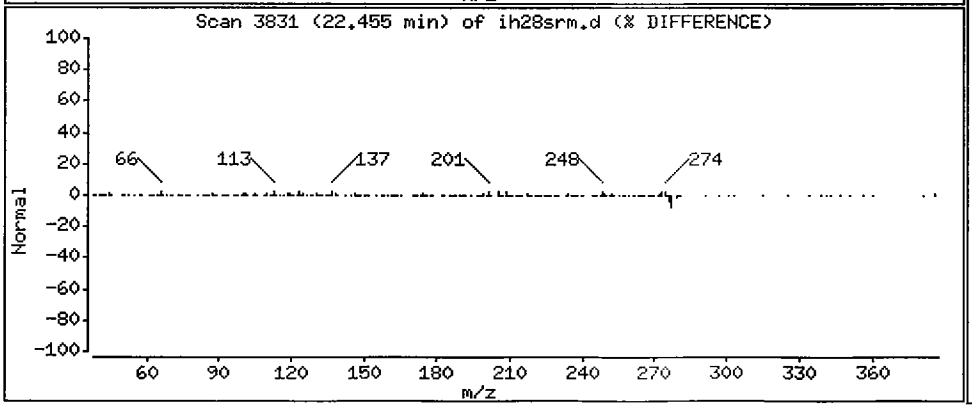
79 Dibenzo(a,h)anthracene

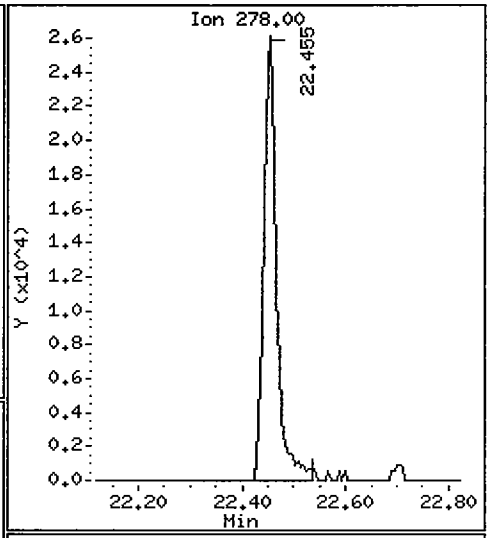
Concentration: 100.3 ug/kg

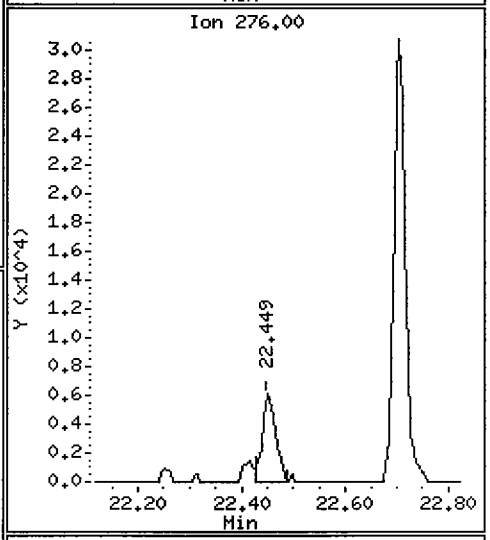


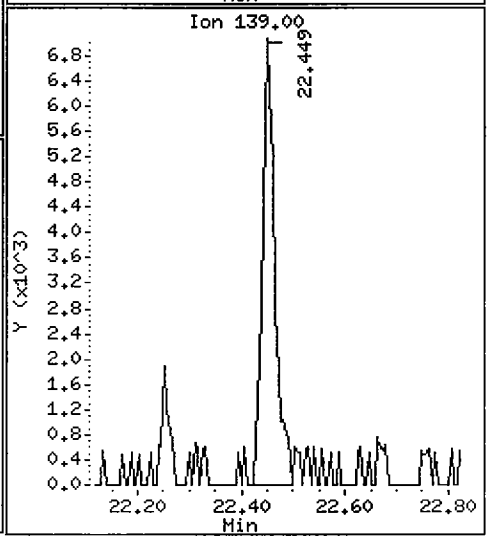












Data File: /chem3/nt4.i/20050802a.b/ih28srm.d

Date : 03-AUG-2005 00:14

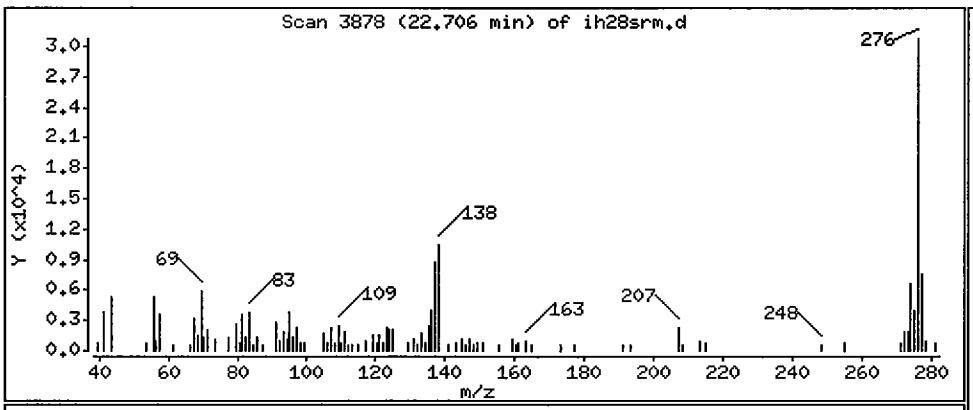
Client ID: SQ-1 Instrument: nt4.i

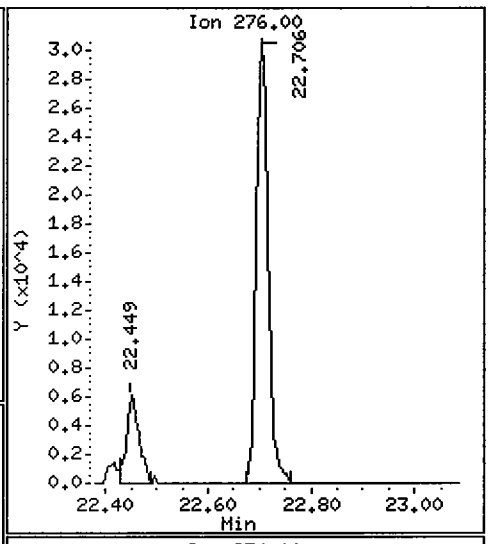
Sample Info: IH28SRM

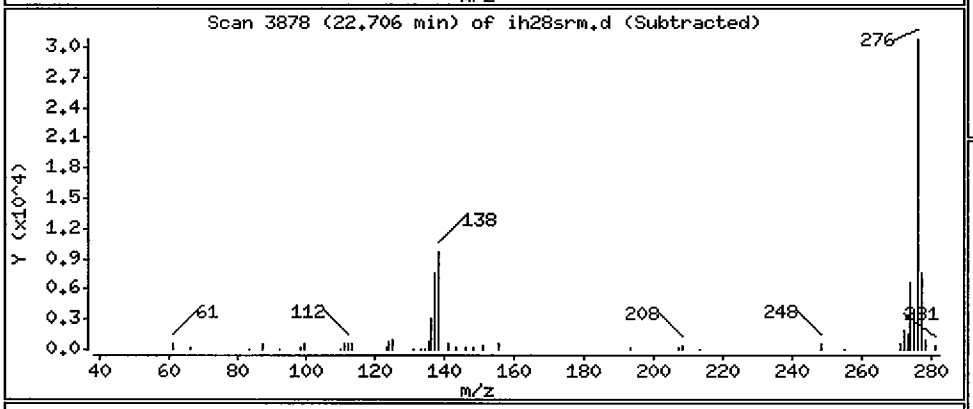
Volume Injected (uL): 1.0 Operator: VS

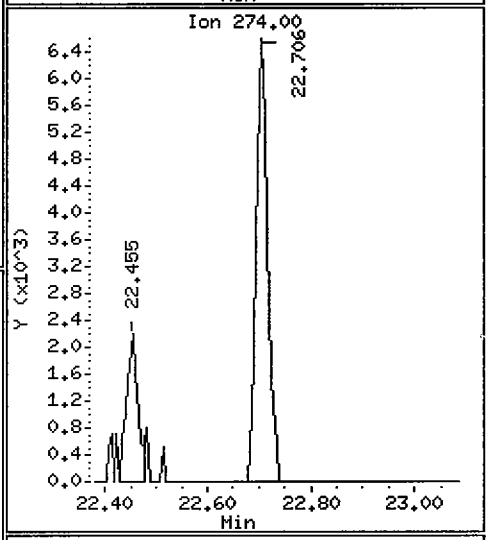
Column phase: RTX-5 Column diameter: 0.32

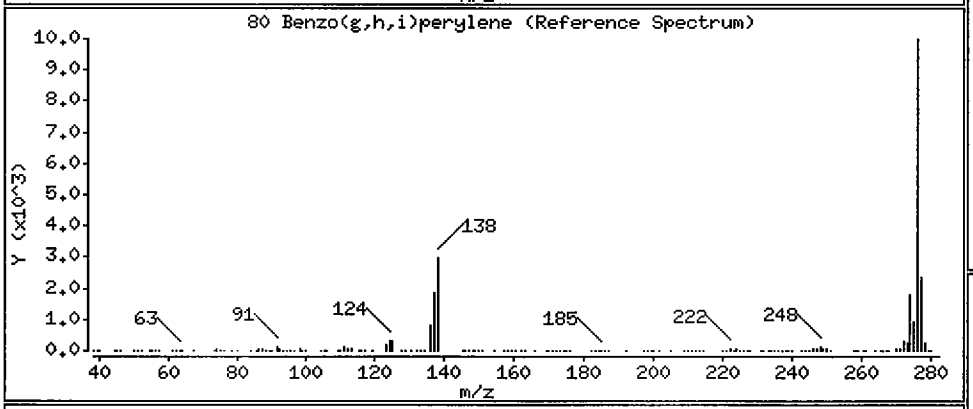
80 Benzo(g,h,i)perylene Concentration: 102.7 ug/kg

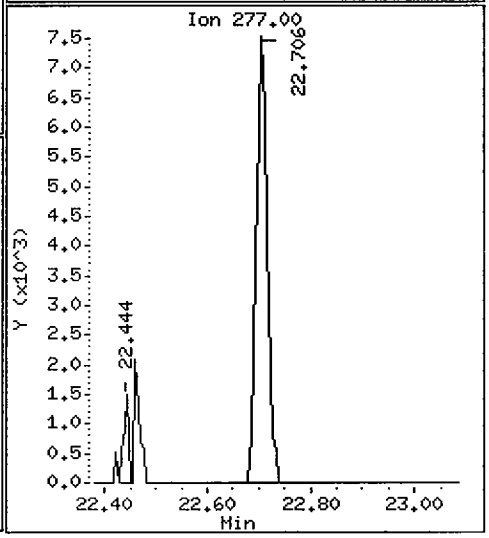


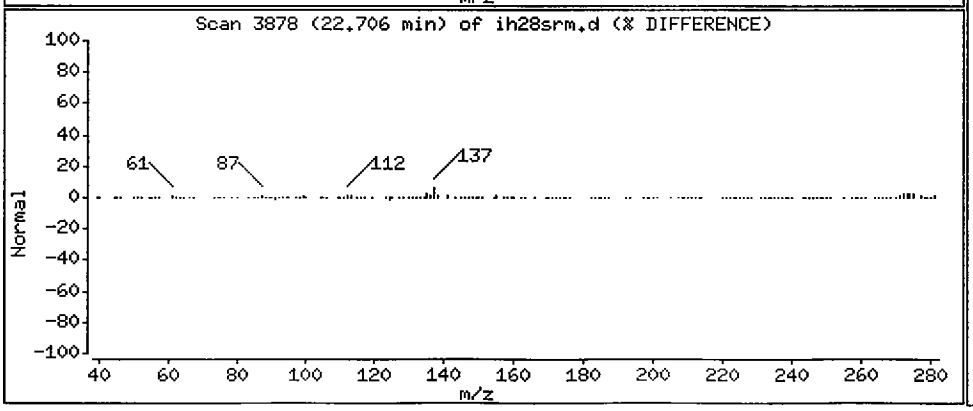






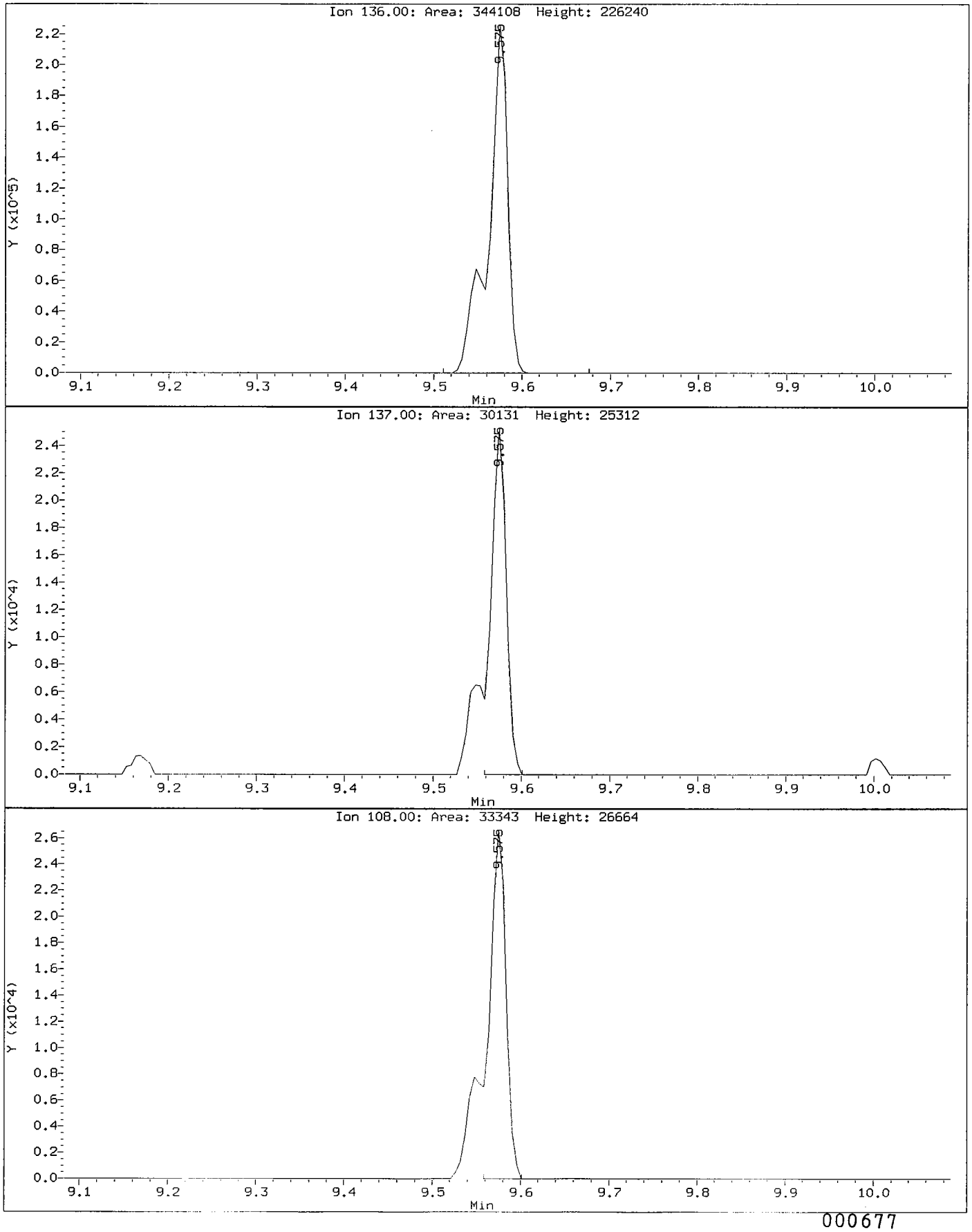






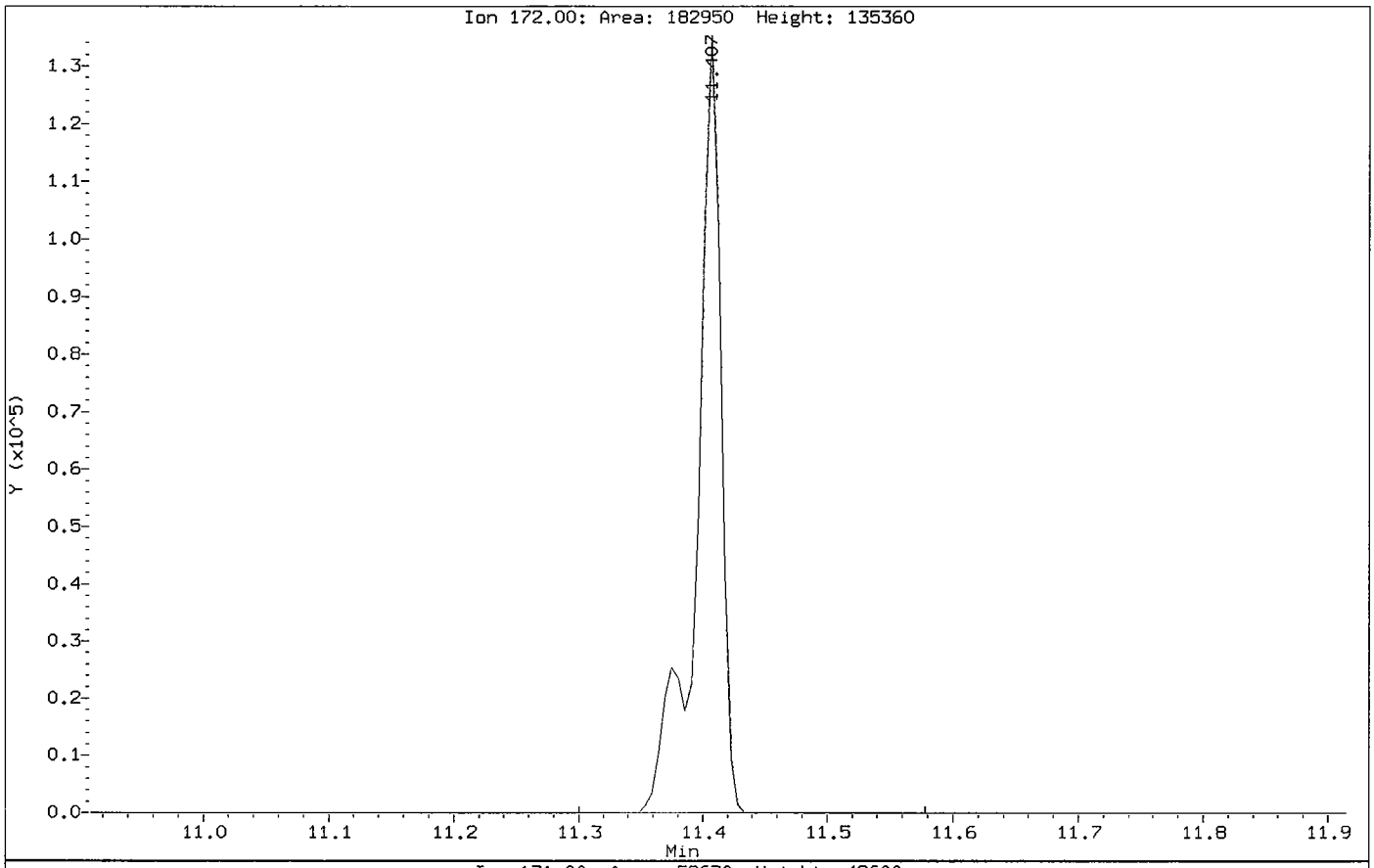
Data File: /chem3/nt4.i/20050802a.b/ih28srm.d
Injection Date: 03-AUG-2005 00:14
Instrument: nt4.i
Client Sample ID: SQ-1

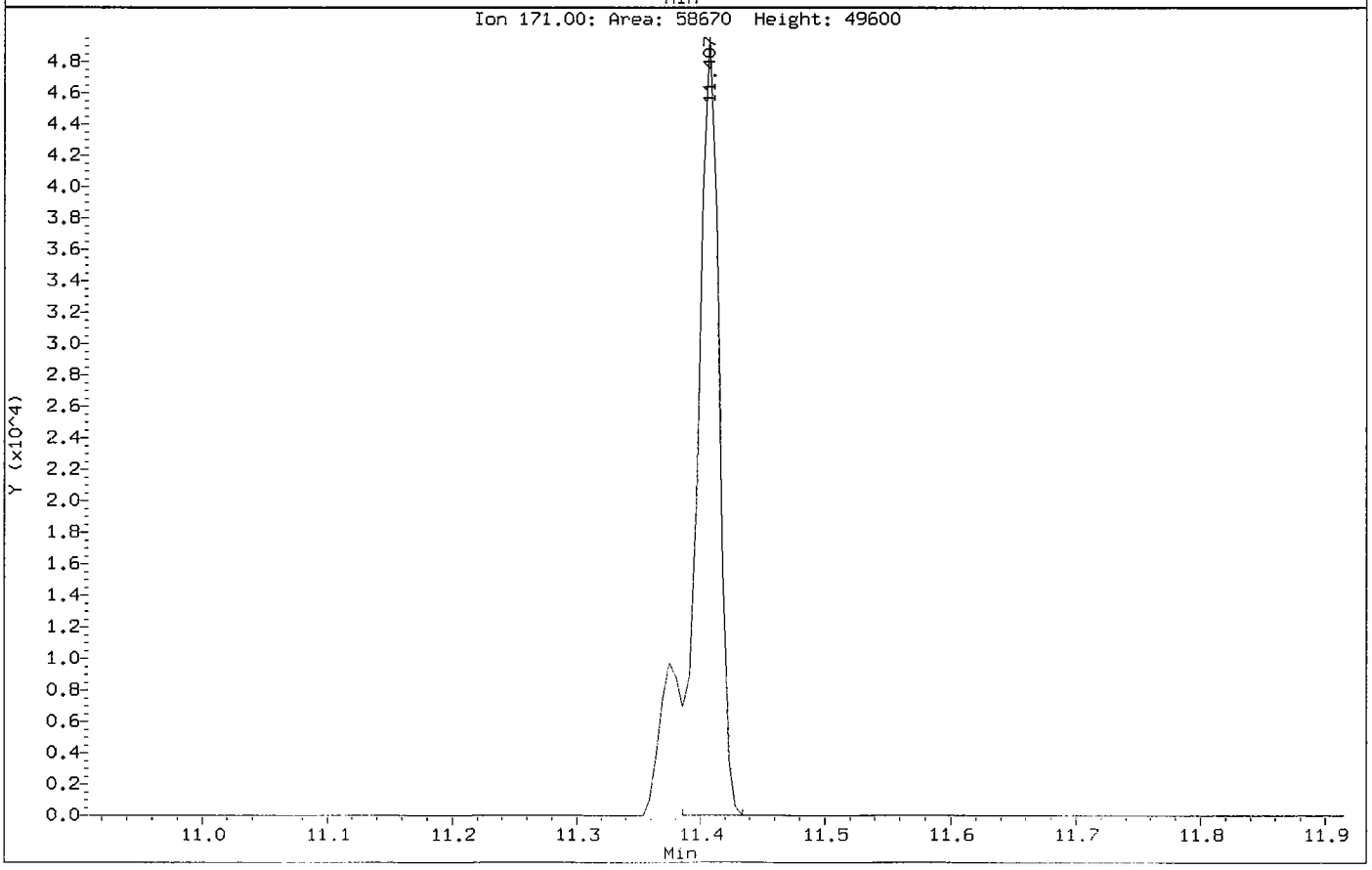
Compound: Naphthalene-d8
CAS Number: 1146-65-2



Data File: /chem3/nt4.i/20050802a.b/ih28srm.d
Injection Date: 03-AUG-2005 00:14
Instrument: nt4.i
Client Sample ID: SQ-1

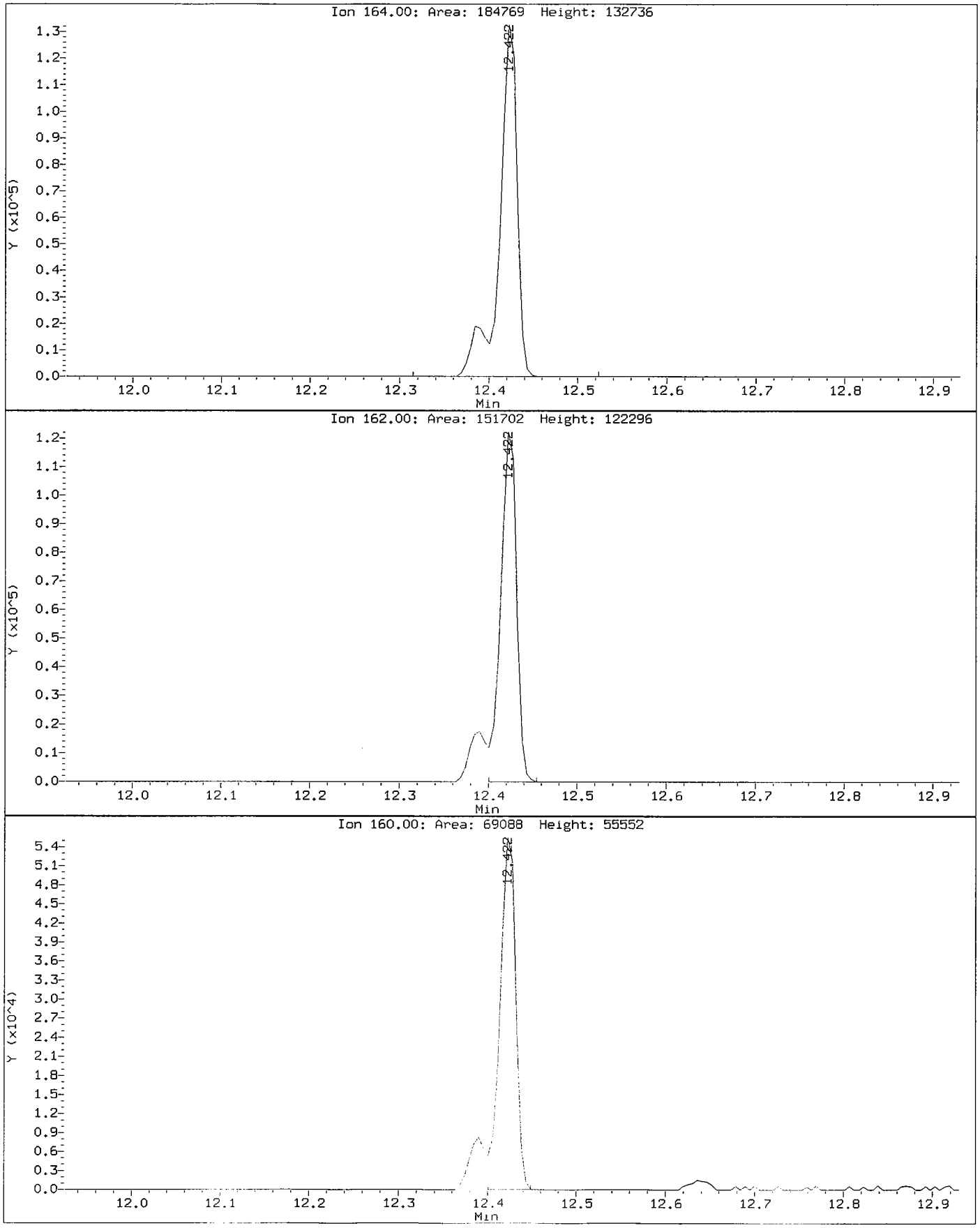
Compound: 2-Fluorobiphenyl
CAS Number: 321-60-8





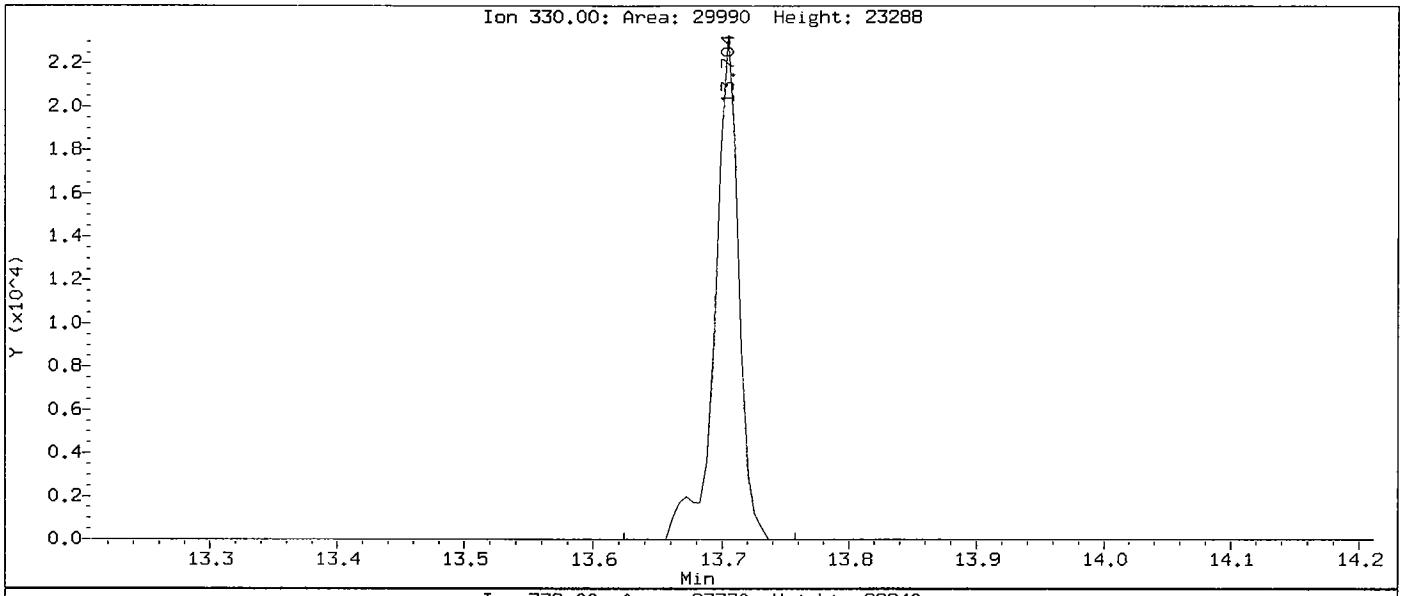
Data File: /chem3/nt4.i/20050802a.b/ih28srm.d
Injection Date: 03-AUG-2005 00:14
Instrument: nt4.i
Client Sample ID: SQ-1

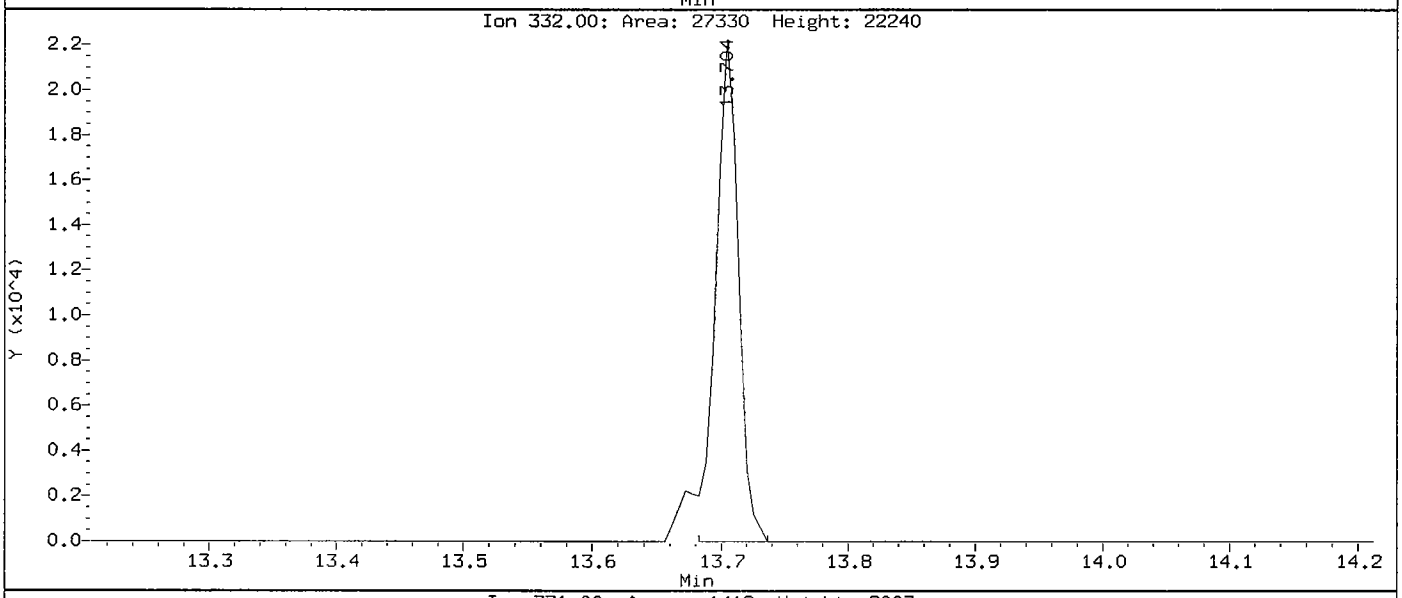
Compound: Acenaphthene-d10
CAS Number:

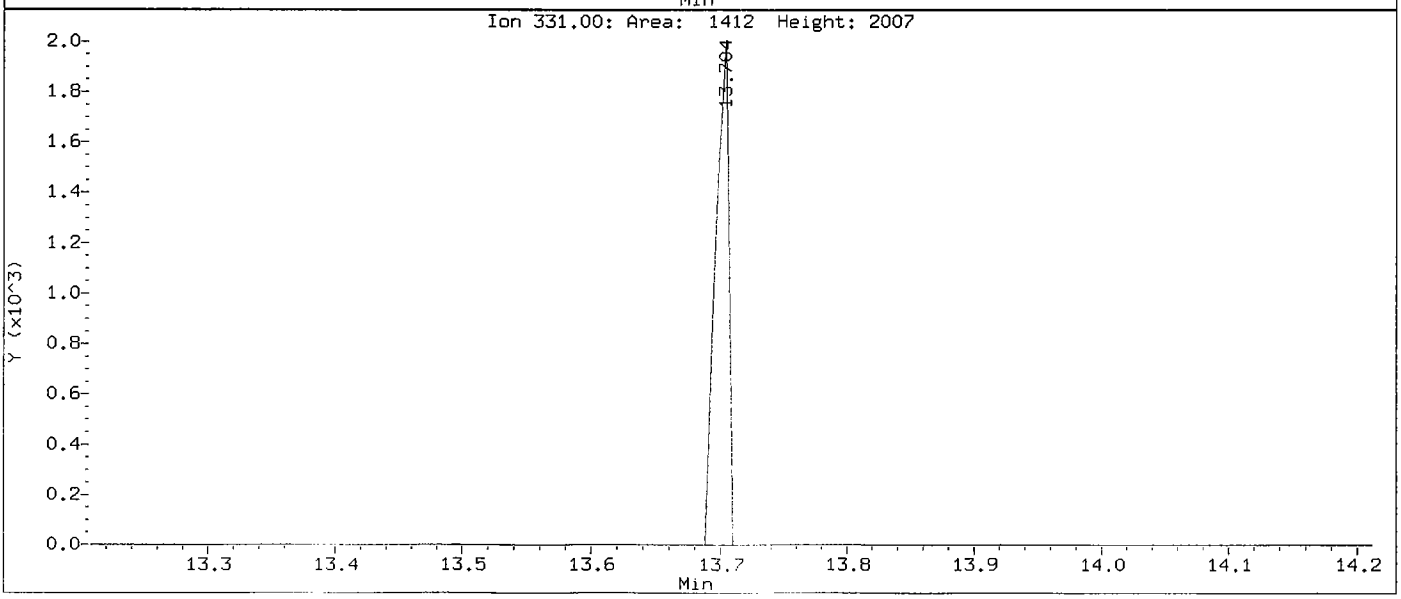


Data File: /chem3/nt4.i/20050802a.b/ih28srm.d
Injection Date: 03-AUG-2005 00:14
Instrument: nt4.i
Client Sample ID: SQ-1

Compound: 2,4,6-Tribromophenol
CAS Number: 118-79-6

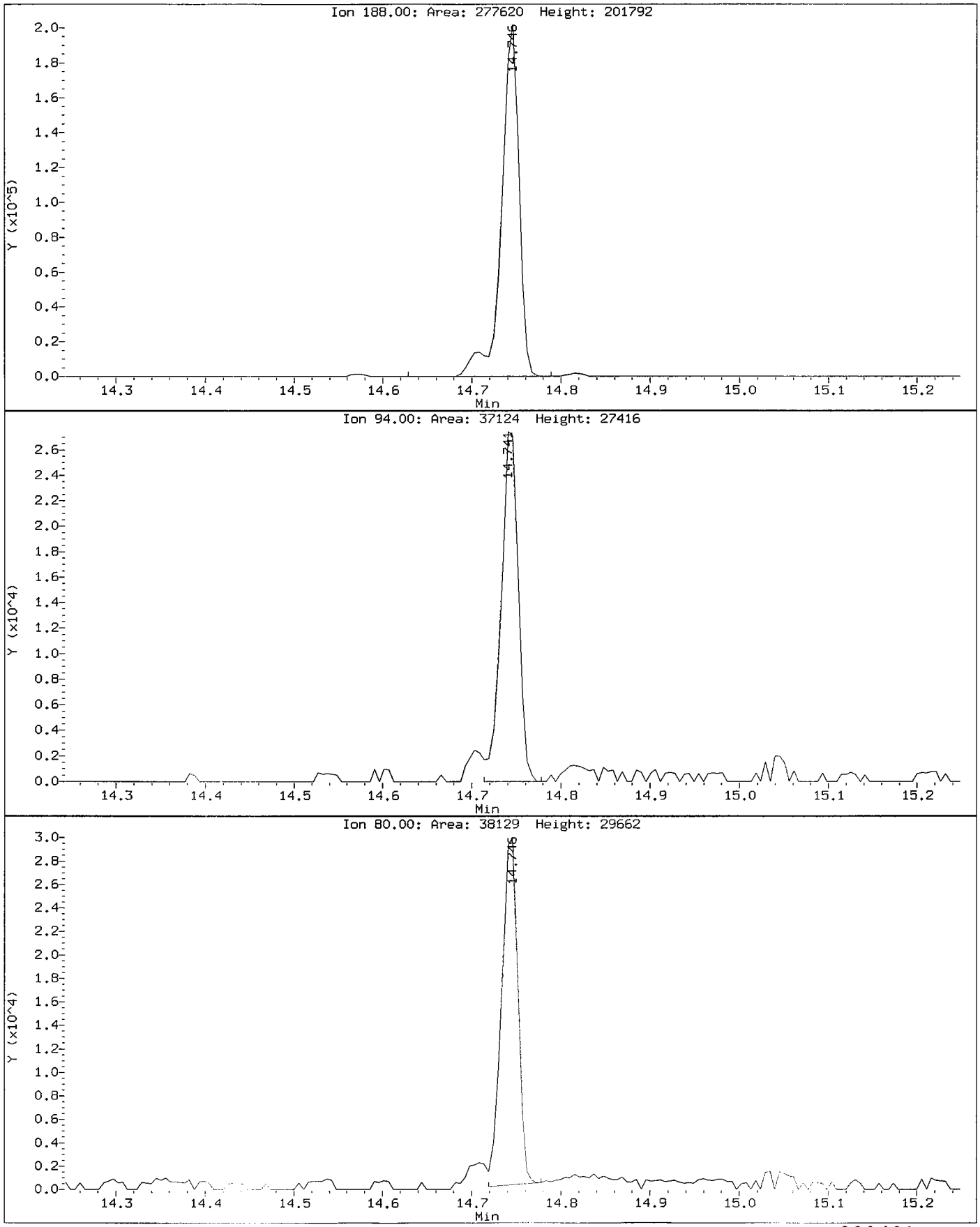






Data File: /chem3/nt4.i/20050802a.b/ih28srm.d
Injection Date: 03-AUG-2005 00:14
Instrument: nt4.i
Client Sample ID: SQ-1

Compound: Phenanthrene-d10
CAS Number:



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem3/nt4.i/20050802a.b/ih28sb.d
Lab Smp Id: IH28LCSS1 Client Smp ID: IH28LCSS1
Inj Date : 02-AUG-2005 22:34
Operator : VS Inst ID: nt4.i
Smp Info : IH28LCSS1
Misc Info : 05-11886
Comment : 1ul Injection
Method : /chem3/nt4.i/20050802a.b/SW846.m
Meth Date : 03-Aug-2005 14:24 jeff Quant Type: ISTD
Cal Date : 02-AUG-2005 20:22 Cal File: 0100802.d
Als bottle: 11 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDAMBLCS.sub
Target Version: 3.50

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	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	5.293	5.135	(0.712)	179279	21.3212	426.4
$	2 Phenol-d5	99	7.125	7.112	(0.958)	270006	24.7806	495.6
	3 Phenol	94	7.141	7.139	(0.960)	304530	23.9860	479.7
$	5 2-Chlorophenol-d4	132	7.125	7.117	(0.958)	199473	22.9336	458.7
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	7.152	7.144	(0.962)	194459	23.5109	470.2
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.435	7.427	(1.000)	120151	20.0000	
	9 1,4-Dichlorobenzene	146	7.462	7.459	(1.004)	130522	14.2555	285.1
$	10 1,2-Dichlorobenzene-d4	152	7.750	7.753	(1.042)	80784	14.6807	293.6
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
16	N-Nitroso-di-n-propylamine	70	8.327	8.346	(1.120)	105199	13.2763	265.5
15	4-Methylphenol	108	Compound Not Detected.					
$ 18	Nitrobenzene-d5	82	8.461	8.469	(0.883)	184390	15.3770	307.5
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	9.534	9.537	(0.996)	111103	15.3597	307.2
* 27	Naphthalene-d8	136	9.577	9.585	(1.000)	447988	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	10.688	10.691	(1.116)	187910	24.4418	488.8
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	11.404	11.412	(0.918)	250940	15.6874	313.7
37	2-Chloronaphthalene	162	Compound Not Detected.					
38	2-Nitroaniline	65	Compound Not Detected.					
39	Dimethylphthalate	163	Compound Not Detected.					
40	Acenaphthylene	152	Compound Not Detected.					
41	2,6-Dinitrotoluene	165	Compound Not Detected.					
* 42	Acenaphthene-d10	164	12.419	12.427	(1.000)	245135	20.0000	
43	3-Nitroaniline	138	Compound Not Detected.					
44	Acenaphthene	153	12.467	12.475	(1.004)	234446	15.8441	316.9
45	2,4-Dinitrophenol	184	Compound Not Detected.					
46	Dibenzofuran	168	Compound Not Detected.					
47	4-Nitrophenol	109	12.841	12.855	(1.034)	68364	27.7084	554.2(M)
48	2,4-Dinitrotoluene	165	12.879	12.887	(1.037)	81310	18.0287	360.6
50	Diethylphthalate	149	Compound Not Detected.					
49	Fluorene	166	Compound Not Detected.					
51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
52	4-Nitroaniline	138	Compound Not Detected.					
53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.701	13.709	(1.103)	35270	22.4580	449.2
56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	14.593	14.607	(0.990)	66323	28.3754	567.5
* 59	Phenanthrene-d10	188	14.743	14.746	(1.000)	378028	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	17.013	17.016	(0.897)	399578	17.9069	358.1
$ 66	Terphenyl-d14	244	17.382	17.385	(0.916)	253191	19.0201	380.4
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	18.974	18.982	(1.000)	285578	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	20.213	20.227	(1.000)	492693	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	21.095	21.103	(1.000)	235180	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.					

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: ih28sb.d
Lab Smp Id: IH28LCSS1
Analysis Type: SV
Quant Type: ISTD
Operator: VS
Method File: /chem3/nt4.i/20050802a.b/SW846.m
Misc Info: 05-11886

Calibration Date: 02-AUG-2005
Calibration Time: 21:28
Client Smp ID: IH28LCSS1
Level: LOW
Sample Type: Solid

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	121607	60804	243214	120151	-1.20
27 Naphthalene-d8	430121	215060	860242	447988	4.15
42 Acenaphthene-d10	229587	114794	459174	245135	6.77
59 Phenanthrene-d10	343054	171527	686108	378028	10.19
69 Chrysene-d12	260573	130286	521146	285578	9.60
134 Di-n-octylphthala	469301	234650	938602	492693	4.98
77 Perylene-d12	283780	141890	567560	235180	-17.12

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.43	6.93	7.93	7.43	0.11
27 Naphthalene-d8	9.59	9.09	10.09	9.58	-0.09
42 Acenaphthene-d10	12.43	11.93	12.93	12.42	-0.07
59 Phenanthrene-d10	14.75	14.25	15.25	14.74	-0.02
69 Chrysene-d12	18.98	18.48	19.48	18.97	-0.04
134 Di-n-octylphthala	20.23	19.73	20.73	20.21	-0.07
77 Perylene-d12	21.10	20.60	21.60	21.09	-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: IH28LCSS1
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDAMBLCS.sub
Method File: /chem3/nt4.i/20050802a.b/SW846.m
Misc Info: 05-11886

Client SDG: IH28
Fraction: SV
Client Smp ID: IH28LCSS1
Operator: VS
SampleType: LCS
Quant Type: ISTD

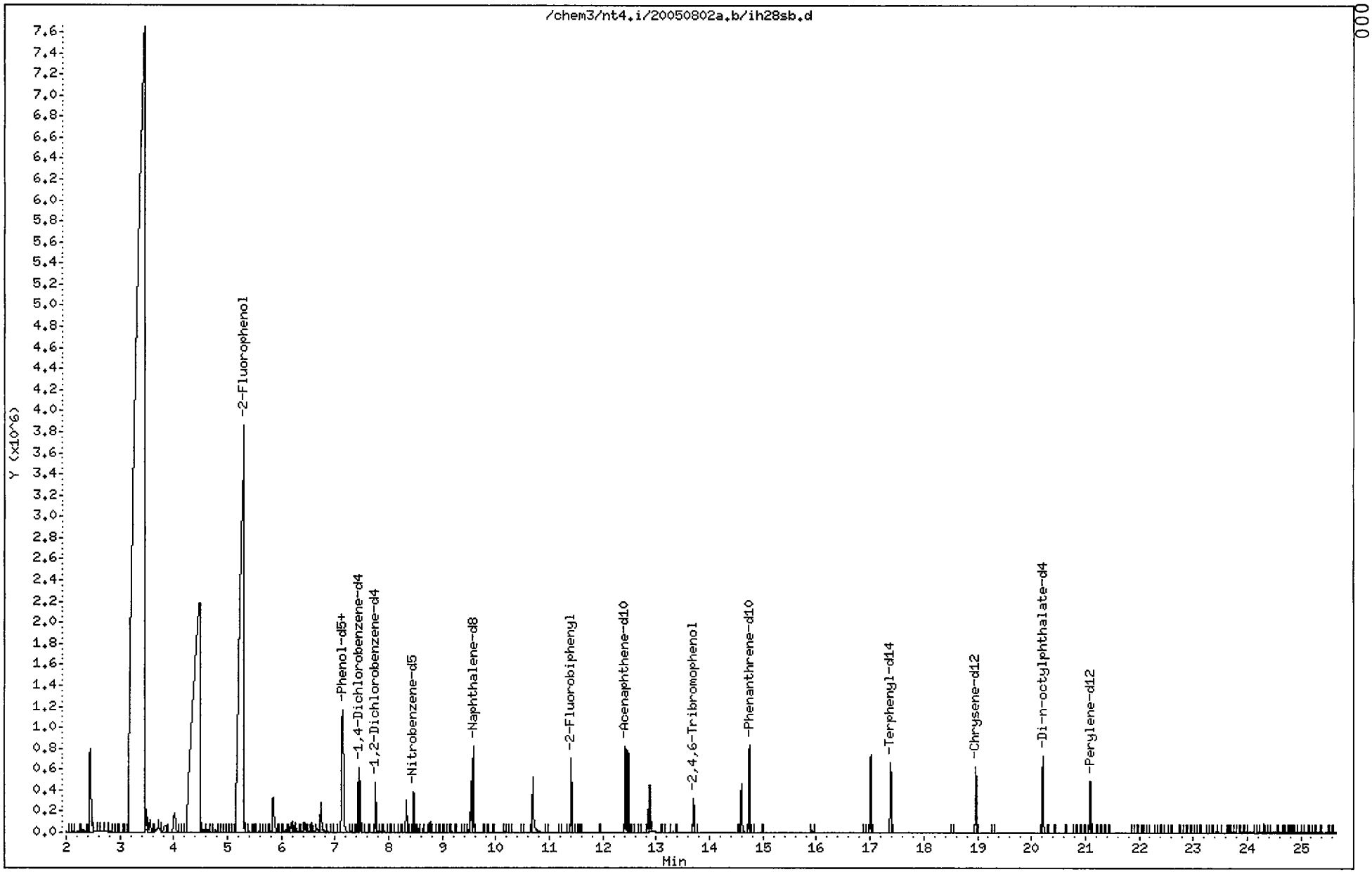
	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	750.0	479.7	63.96	46-100
6	2-Chlorophenol	750.0	470.2	62.70	47-98
9	1,4-Dichlorobenzen	500.0	285.1	57.02	42-85
16	N-Nitroso-di-n-pro	500.0	265.5	53.11	17-94
26	1,2,4-Trichloroben	500.0	307.2	61.44	42-94
31	4-Chloro-3-methylp	750.0	488.8	65.18	47-98
44	Acenaphthene	500.0	316.9	63.38	49-96
47	4-Nitrophenol	750.0	554.2	73.89	24-132
48	2,4-Dinitrotoluene	500.0	360.6	72.11	34-104
58	Pentachlorophenol	750.0	567.5	75.67	41-124
65	Pyrene	500.0	358.1	71.63	58-100

	SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
S 1	2-Fluorophenol	750.0	426.4	56.86	36-100
S 2	Phenol-d5	750.0	495.6	66.08	45-91
S 5	2-Chlorophenol-d4	750.0	458.7	61.16	46-89
S 10	1,2-Dichlorobenzen	500.0	293.6	58.72	41-86
S 18	Nitrobenzene-d5	500.0	307.5	61.51	39-93
S 36	2-Fluorobiphenyl	500.0	313.7	62.75	40-95
S 55	2,4,6-Tribromophen	750.0	449.2	59.89	34-110
S 66	Terphenyl-d14	500.0	380.4	76.08	46-116

Data File: /chem3/nt4.i/20050802a.b/ih28sb.d
Date : 02-AUG-2005 22:34
Client ID: IH28LCSS1
Sample Info: IH28LCSS1
Volume Injected (uL): 1.0
Column phase: RTX-5

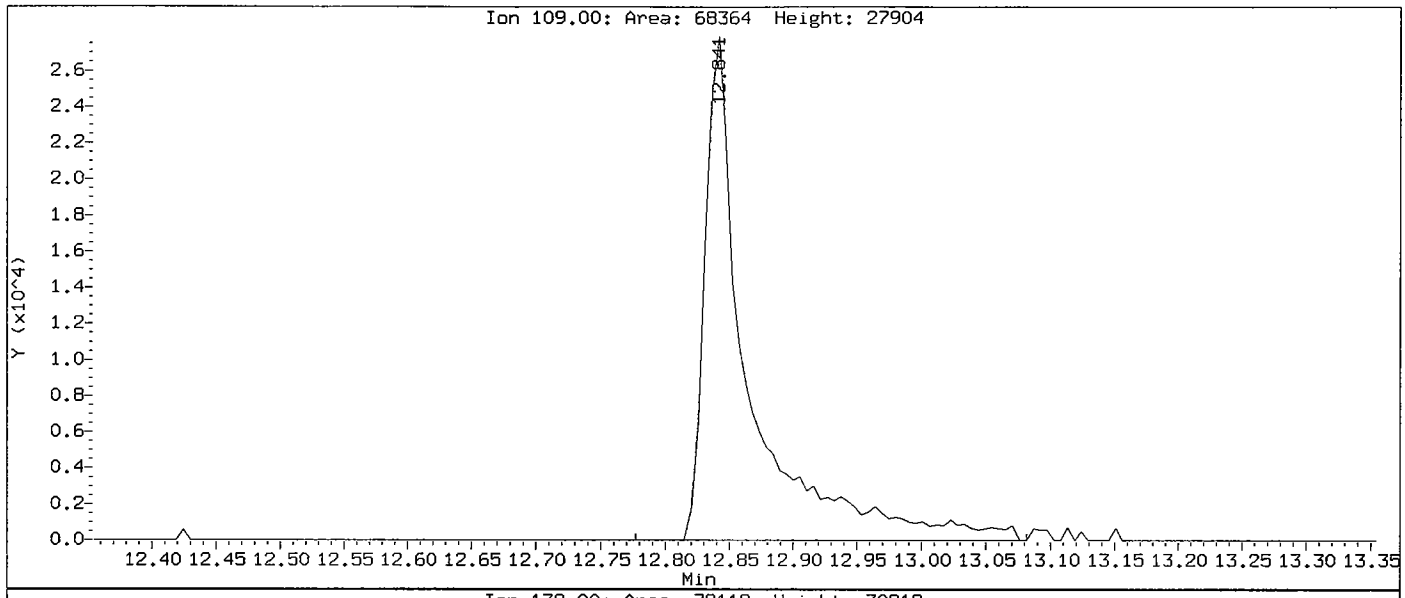
Instrument: nt4.i
Operator: VS
Column diameter: 0.32

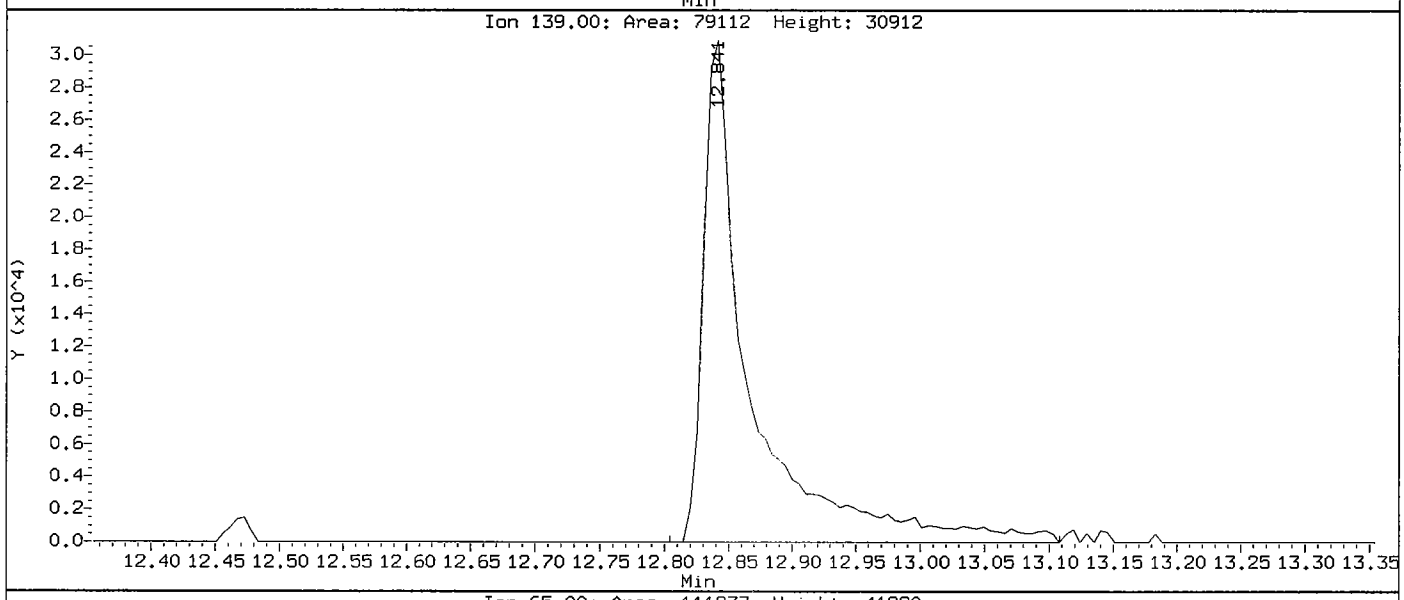
000687

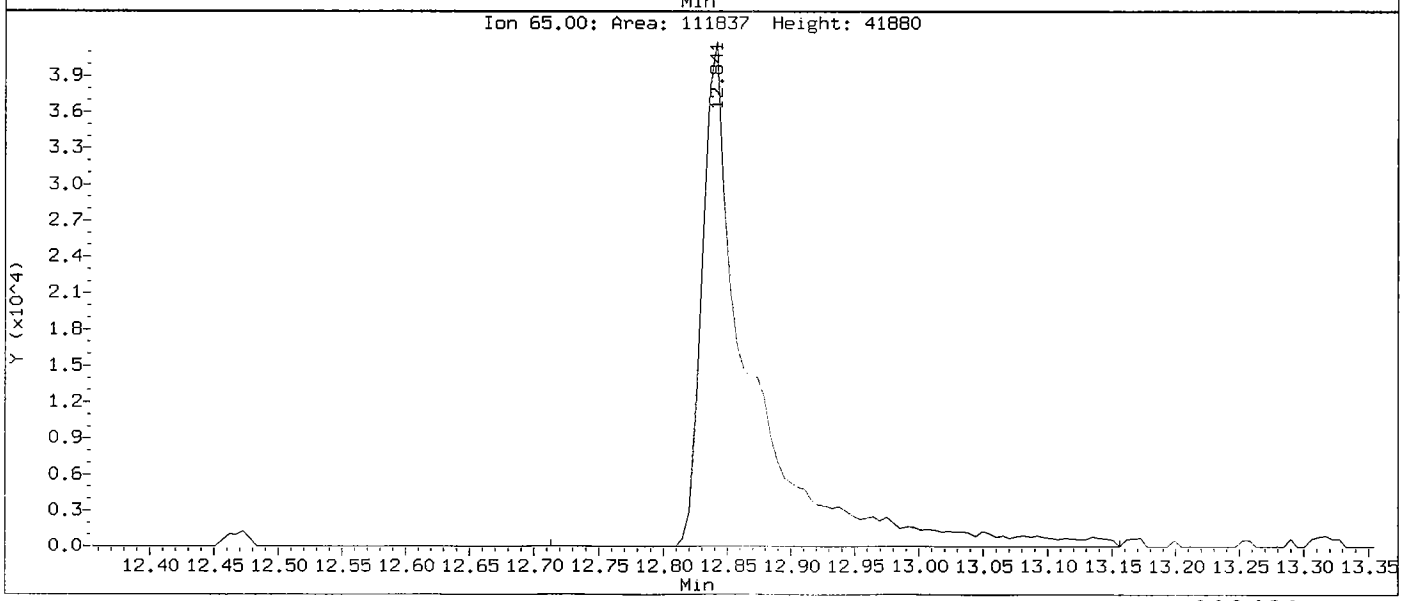


Data File: /chem3/nt4.i/20050802a.b/ih28sb.d
Injection Date: 02-AUG-2005 22:34
Instrument: nt4.i
Client Sample ID: IH28LCSS1

Compound: 4-Nitrophenol
CAS Number: 100-02-7







ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: MB-080305**
Page 1 of 1 **METHOD BLANK**

Lab Sample ID: MB-080305 QC Report No: IH28-Anchor Environmental
LIMS ID: 05-11888 Project: KC Former Scott Mill
Matrix: Sediment 00010501/T2
Data Release Authorized: Date Sampled: NA
Reported: 08/08/05 Date Received: NA

Date Extracted: 08/03/05 Sample Amount: 25.0 g
Date Analyzed: 08/05/05 16:23 Final Extract Volume: 0.5 mL
Instrument/Analyst: NT6/LJR Dilution Factor: 1.00
GPC Cleanup: No Percent Moisture: NA
pH: NA

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
100-51-6	Benzyl Alcohol	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	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
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**	**38**
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

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	70.8%	2-Fluorobiphenyl	70.4%
d14-p-Terphenyl	75.6%	d4-1,2-Dichlorobenzene	66.8%
d5-Phenol	72.8%	2-Fluorophenol	64.5%
2,4,6-Tribromophenol	78.7%	d4-2-Chlorophenol	72.8%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem1/nt6.i/20050805.b/ih28mb2.d
Lab Smp Id: IH28MBS2 Client Smp ID: IH28MBS2
Inj Date : 05-AUG-2005 16:23
Operator : LJR/VS Inst ID: nt6.i
Smp Info : IH28MBS2
Misc Info : 05-11888
Comment : 1ul Injection
Method : /chem1/nt6.i/20050805.b/SW846.m
Meth Date : 08-Aug-2005 12:18 jeff Quant Type: ISTD
Cal Date : 18-JUL-2005 15:41 Cal File: 0800718.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDAMBLCS.sub
Target Version: 3.50

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	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	5.356	5.155	(0.758)	248926	24.1619	483.2
$ 2	Phenol-d5	99	6.761	6.731	(0.957)	327199	27.3261	546.5
3	Phenol	94	Compound Not Detected.					
$ 5	2-Chlorophenol-d4	132	6.814	6.773	(0.964)	259295	27.3072	546.1
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	7.065	7.046	(1.000)	145871	20.0000	
9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10	1,2-Dichlorobenzene-d4	152	7.354	7.340	(1.041)	103369	16.7101	334.2
12	1,2-Dichlorobenzene	146	Compound Not Detected.					
11	Benzyl alcohol	108	Compound Not Detected.					
14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13	2-Methylphenol	108	Compound Not Detected.					
17	Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)	
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.						
	15 4-Methylphenol	108	Compound Not Detected.						
$	18 Nitrobenzene-d5	82	8.000	7.997	(0.882)	210862	17.6844	353.7	
	19 Nitrobenzene	77	Compound Not Detected.						
	20 Isophorone	82	Compound Not Detected.						
	21 2-Nitrophenol	139	Compound Not Detected.						
	22 2,4-Dimethylphenol	107	Compound Not Detected.						
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.						
	24 Benzoic acid	105	Compound Not Detected.						
	25 2,4-Dichlorophenol	162	Compound Not Detected.						
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.						
*	27 Naphthalene-d8	136	9.074	9.076	(1.000)	517628	20.0000		(M)
	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	10.863	10.865	(0.914)	327000	17.6049	352.1	(M)
	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	11.889	11.896	(1.000)	276904	20.0000		(M)
	43 3-Nitroaniline	138	Compound Not Detected.						
	44 Acenaphthene	153	Compound Not Detected.						
	45 2,4-Dinitrophenol	184	Compound Not Detected.						
	46 Dibenzofuran	168	Compound Not Detected.						
	47 4-Nitrophenol	109	Compound Not Detected.						
	48 2,4-Dinitrotoluene	165	Compound Not Detected.						
	50 Diethylphthalate	149	Compound Not Detected.						
	49 Fluorene	166	Compound Not Detected.						
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.						
	52 4-Nitroaniline	138	Compound Not Detected.						
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.						
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.						
$	55 2,4,6-Tribromophenol	330	13.177	13.184	(1.108)	54906	29.4806	589.6	(M)
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.						
	57 Hexachlorobenzene	284	Compound Not Detected.						
	58 Pentachlorophenol	266	Compound Not Detected.						
*	59 Phenanthrene-d10	188	14.224	14.226	(1.000)	366978	20.0000		(M)
	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	15.367	15.374	(1.080)	46934	1.89525	37.90(M)
	64 Fluoranthene	202	Compound Not Detected.					
	65 Pyrene	202	Compound Not Detected.					
$	66 Terphenyl-d14	244	16.857	16.859	(0.912)	257293	18.8798	377.6(M)
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	Compound Not Detected.					
*	69 Chrysene-d12	240	18.476	18.489	(1.000)	253442	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	Compound Not Detected.					
	72 bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
*	134 Di-n-octylphthalate-d4	153	19.662	19.664	(1.000)	551220	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	20.613	20.620	(1.000)	324589	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.					

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: ih28mb2.d
Lab Smp Id: IH28MBS2
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VS
Method File: /chem1/nt6.i/20050805.b/SW846.m
Misc Info: 05-11888

Calibration Date: 05-AUG-2005
Calibration Time: 10:58
Client Smp ID: IH28MBS2
Level: LOW
Sample Type: Solid

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	131580	65790	263160	145871	10.86
27 Naphthalene-d8	462479	231240	924958	517628	11.92
42 Acenaphthene-d10	245589	122794	491178	276904	12.75
59 Phenanthrene-d10	333237	166618	666474	366978	10.13
69 Chrysene-d12	243014	121507	486028	253442	4.29
134 Di-n-octylphthala	488611	244306	977222	551220	12.81
77 Perylene-d12	312604	156302	625208	324589	3.83

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.05	6.55	7.55	7.07	0.28
27 Naphthalene-d8	9.08	8.58	9.58	9.07	-0.02
42 Acenaphthene-d10	11.90	11.40	12.40	11.89	-0.06
59 Phenanthrene-d10	14.23	13.73	14.73	14.22	-0.01
69 Chrysene-d12	18.49	17.99	18.99	18.48	-0.07
134 Di-n-octylphthala	19.66	19.16	20.16	19.66	-0.01
77 Perylene-d12	20.62	20.12	21.12	20.61	-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: IH28MBS2
Level: LOW
Data Type: MS DATA
SpikeList File: SONICMS.spk
Sublist File: PSDDAMBLCS.sub
Method File: /chem1/nt6.i/20050805.b/SW846.m
Misc Info: 05-11888

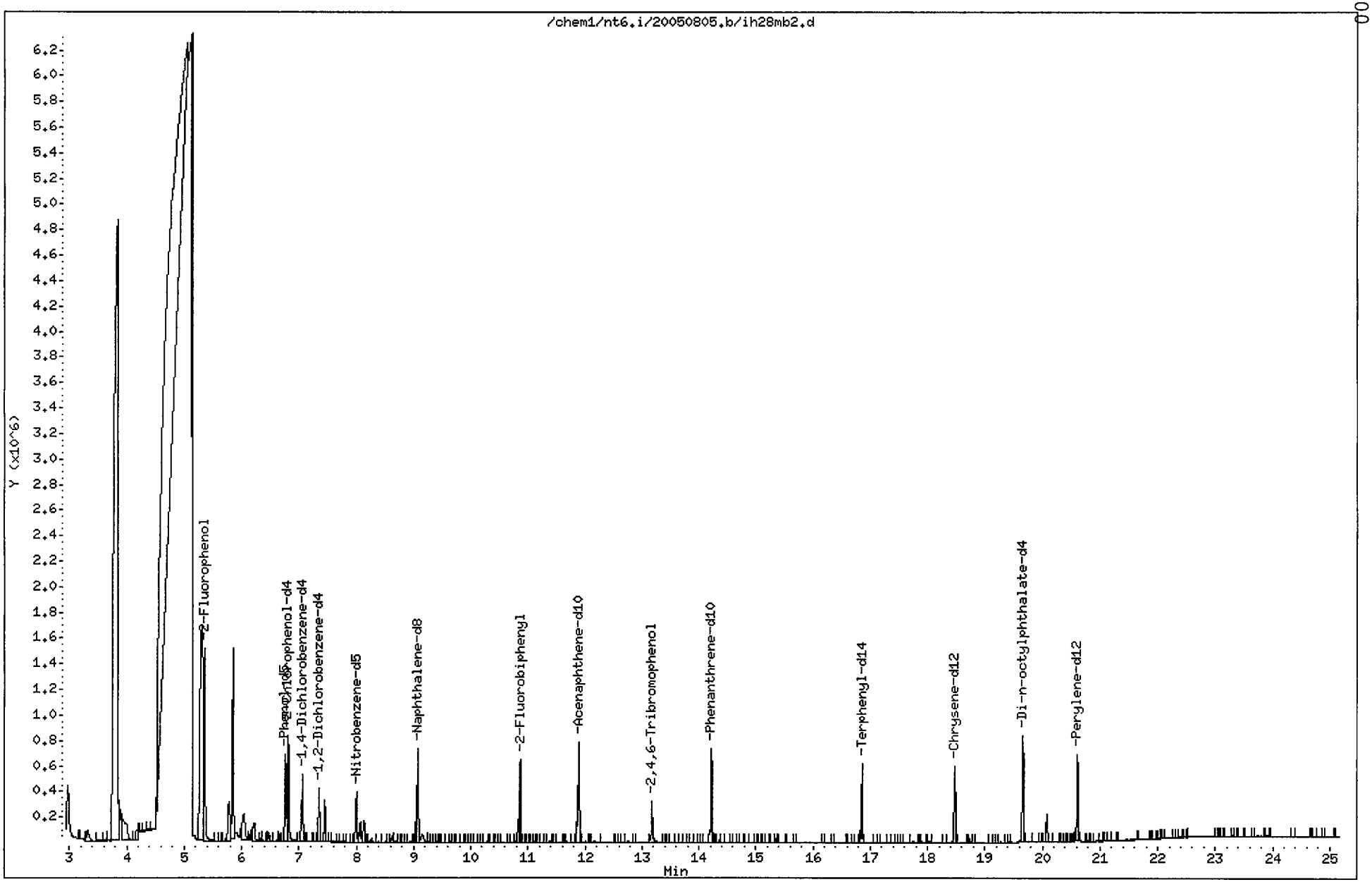
Client SDG: IH28
Fraction: SV
Client Smp ID: IH28MBS2
Operator: LJR/VS
SampleType: BLANK
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	483.2	64.43	36-100
$ 2 Phenol-d5	750.0	546.5	72.87	45-91
$ 5 2-Chlorophenol-d4	750.0	546.1	72.82	46-89
$ 10 1,2-Dichlorobenzen	500.0	334.2	66.84	41-86
$ 18 Nitrobenzene-d5	500.0	353.7	70.74	39-93
$ 36 2-Fluorobiphenyl	500.0	352.1	70.42	40-95
$ 55 2,4,6-Tribromophen	750.0	589.6	78.61	34-110
$ 66 Terphenyl-d14	500.0	377.6	75.52	46-116

Data File: /chem1/nt6.i/20050805.b/ih28mb2.d
Date : 05-AUG-2005 16:23
Client ID: IH28MBS2
Sample Info: IH28MBS2
Volume Injected (uL): 1.0
Column phase: RTX-5

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

000695



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Date : 05-AUG-2005 16:23

Client ID: IH28MBS2

Instrument: nt6.i

Sample Info: IH28MBS2

Volume Injected (uL): 1.0

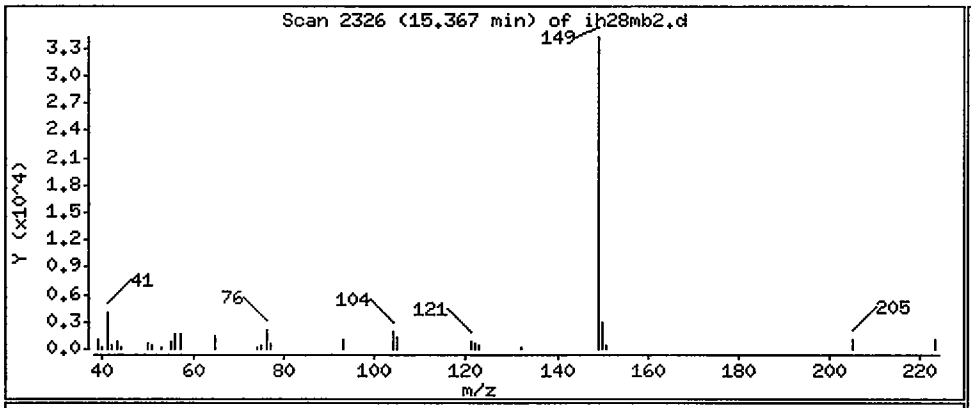
Operator: LJR/VS

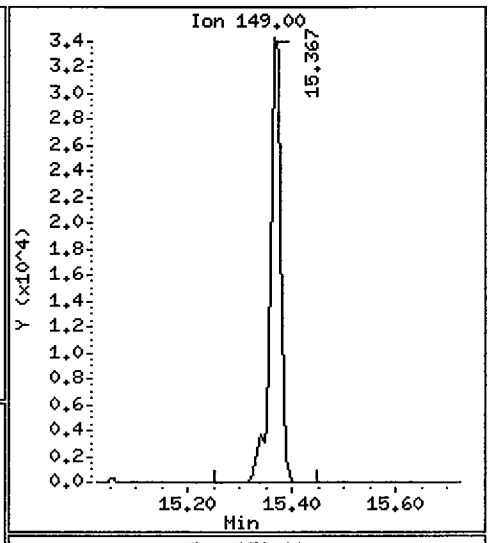
Column phase: RTX-5

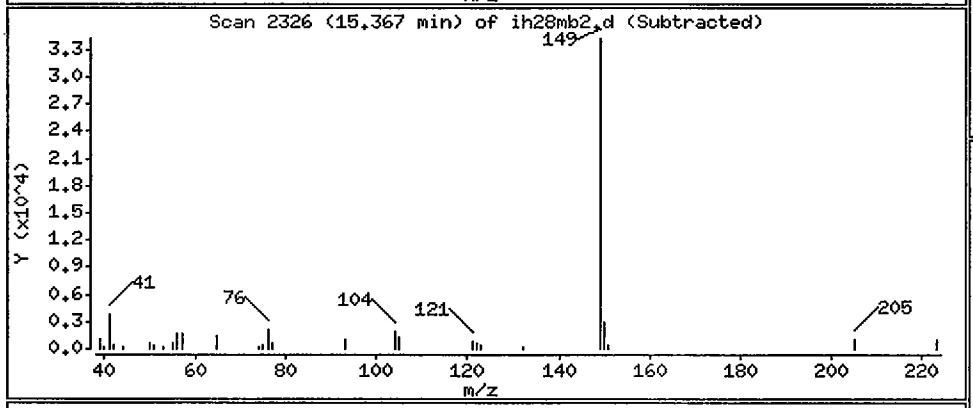
Column diameter: 0.32

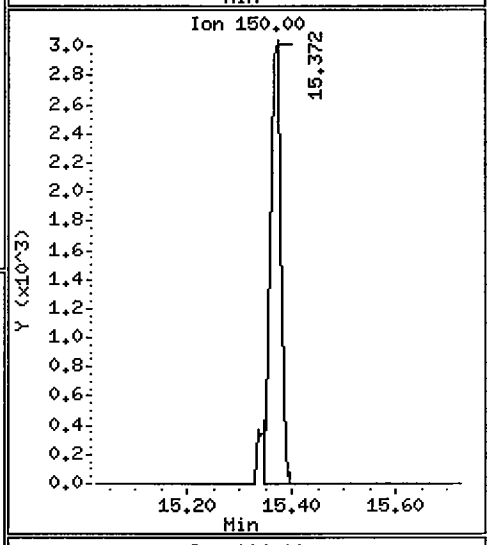
63 Di-n-butylphthalate

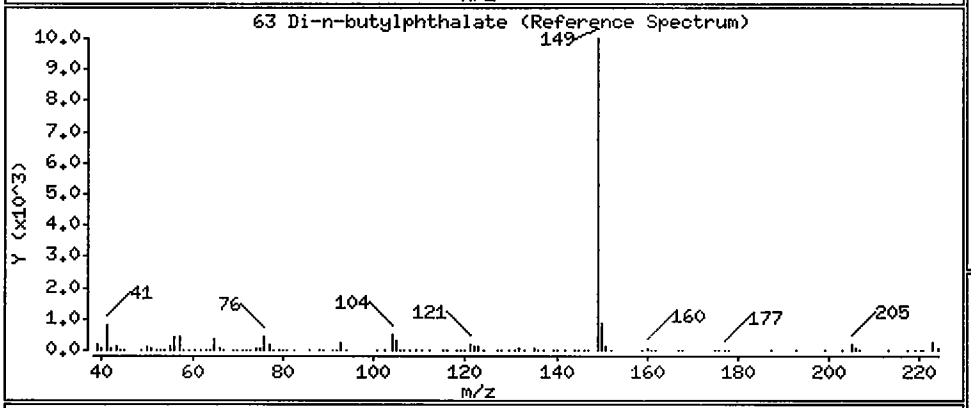
Concentration: 37.90 ug/kg

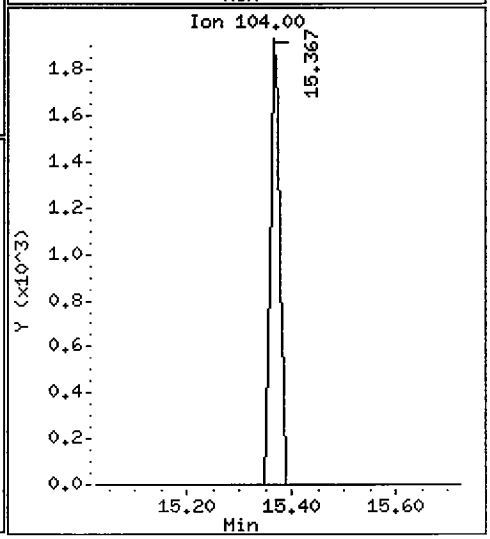


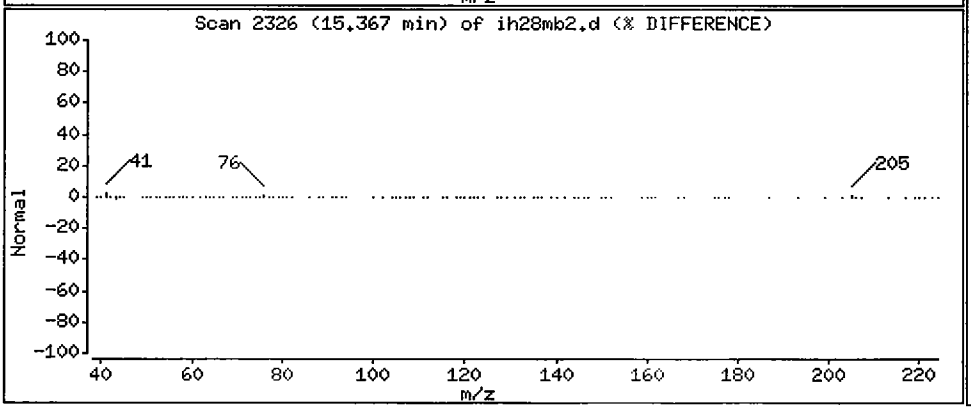






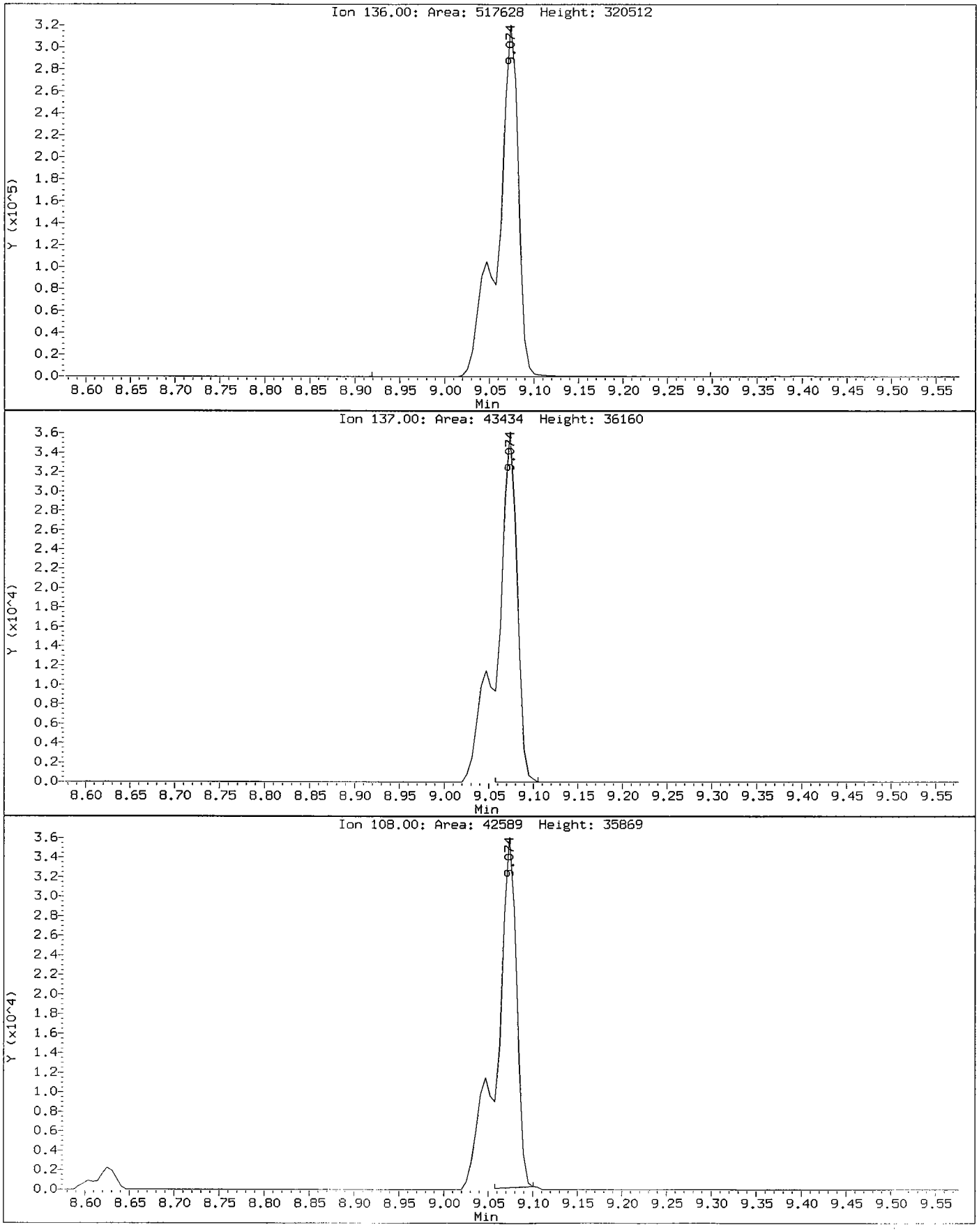






Data File: /chem1/nt6.i/20050805.b/ih28mb2.d
Injection Date: 05-AUG-2005 16:23
Instrument: nt6.i
Client Sample ID: IH28MBS2

Compound: Naphthalene-d8
CAS Number: 1146-65-2



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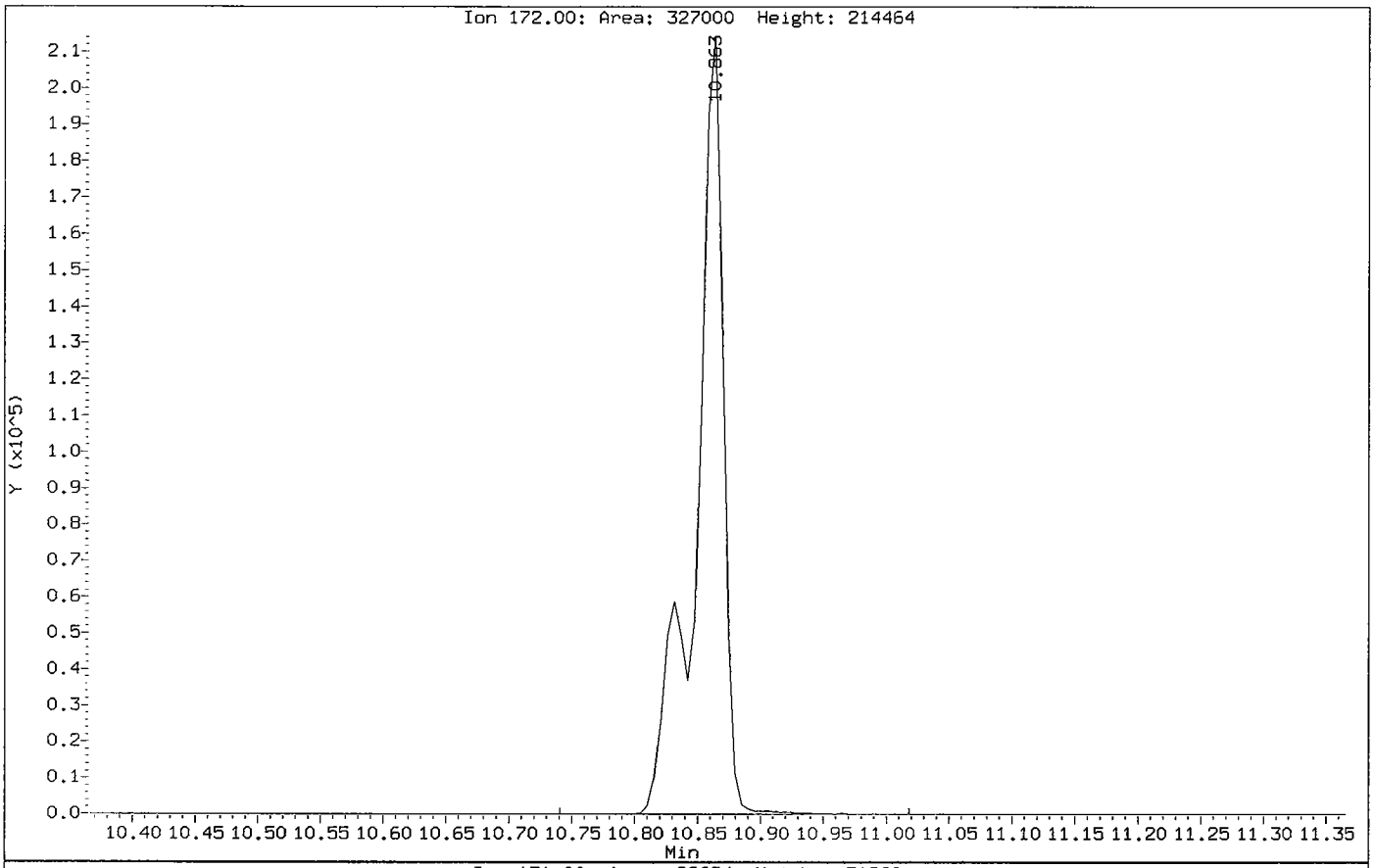
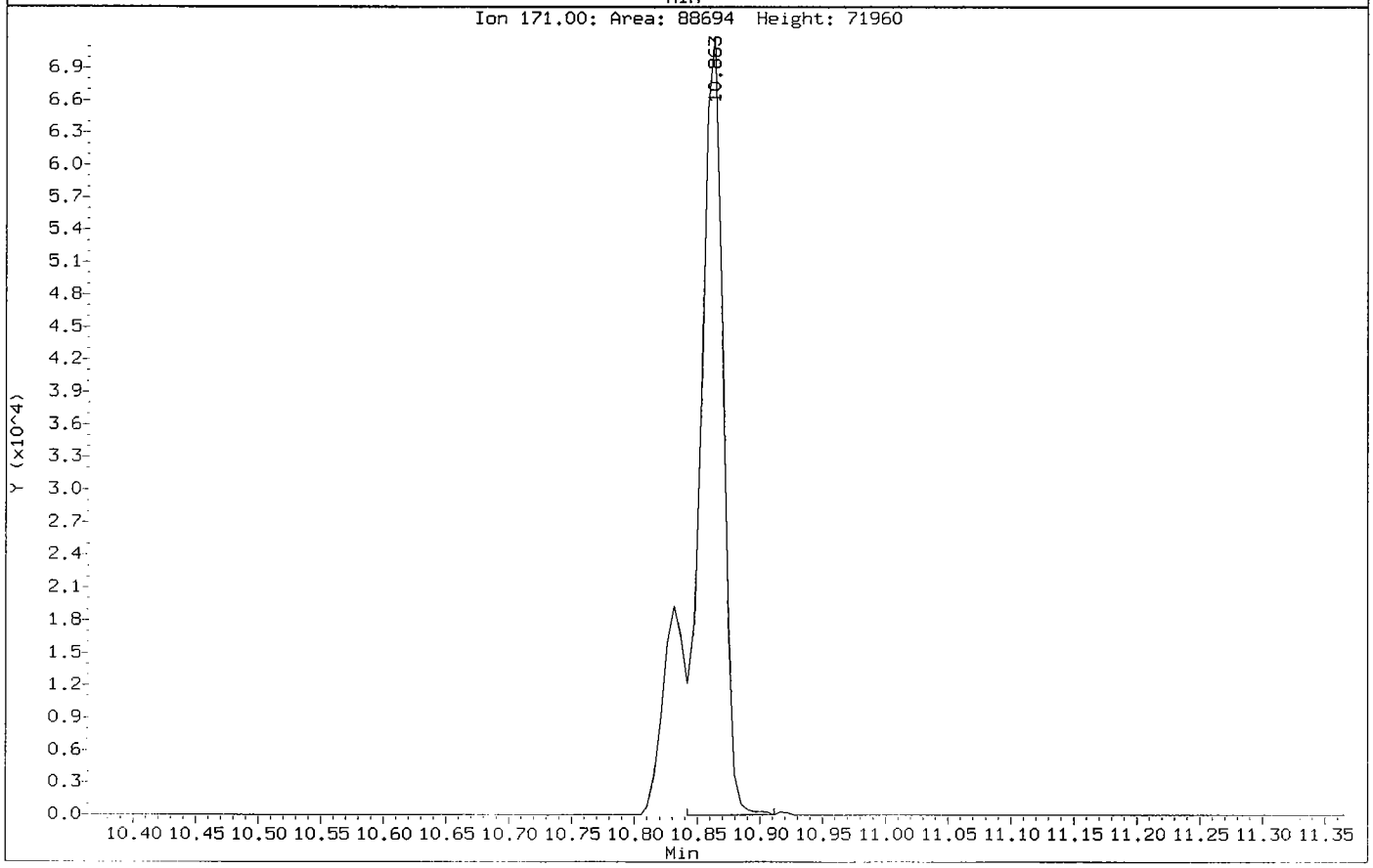
Injection Date: 05-AUG-2005 16:23
Instrument: nt6.i
Client Sample ID: IH28MBS2

Compound: 2-Fluorobiphenyl
CAS Number: 321-60-8





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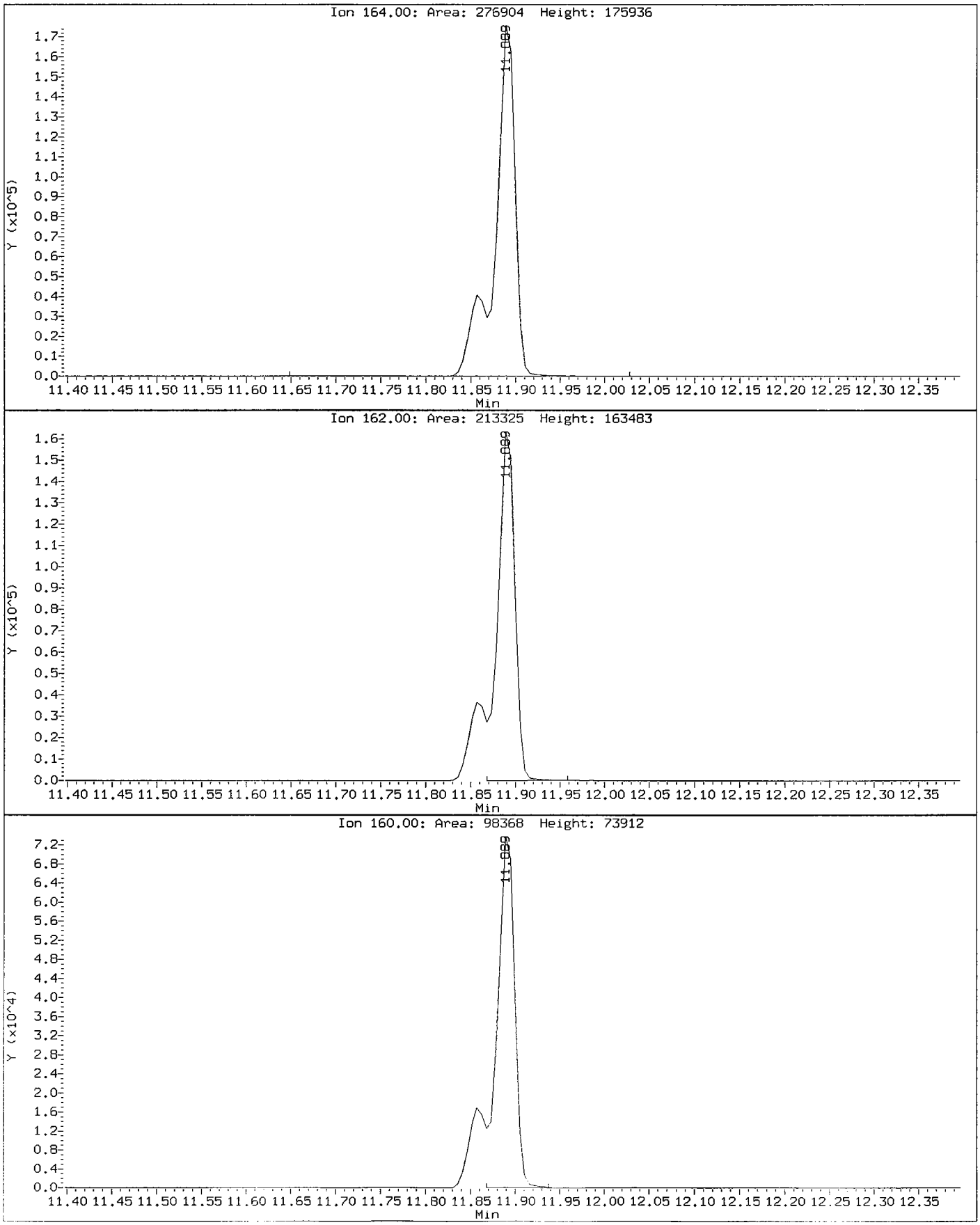
Injection Date: 05-AUG-2005 16:23
Instrument: nt6.i
Client Sample ID: IH28MBS2

Compound: Acenaphthene-d10
CAS Number:



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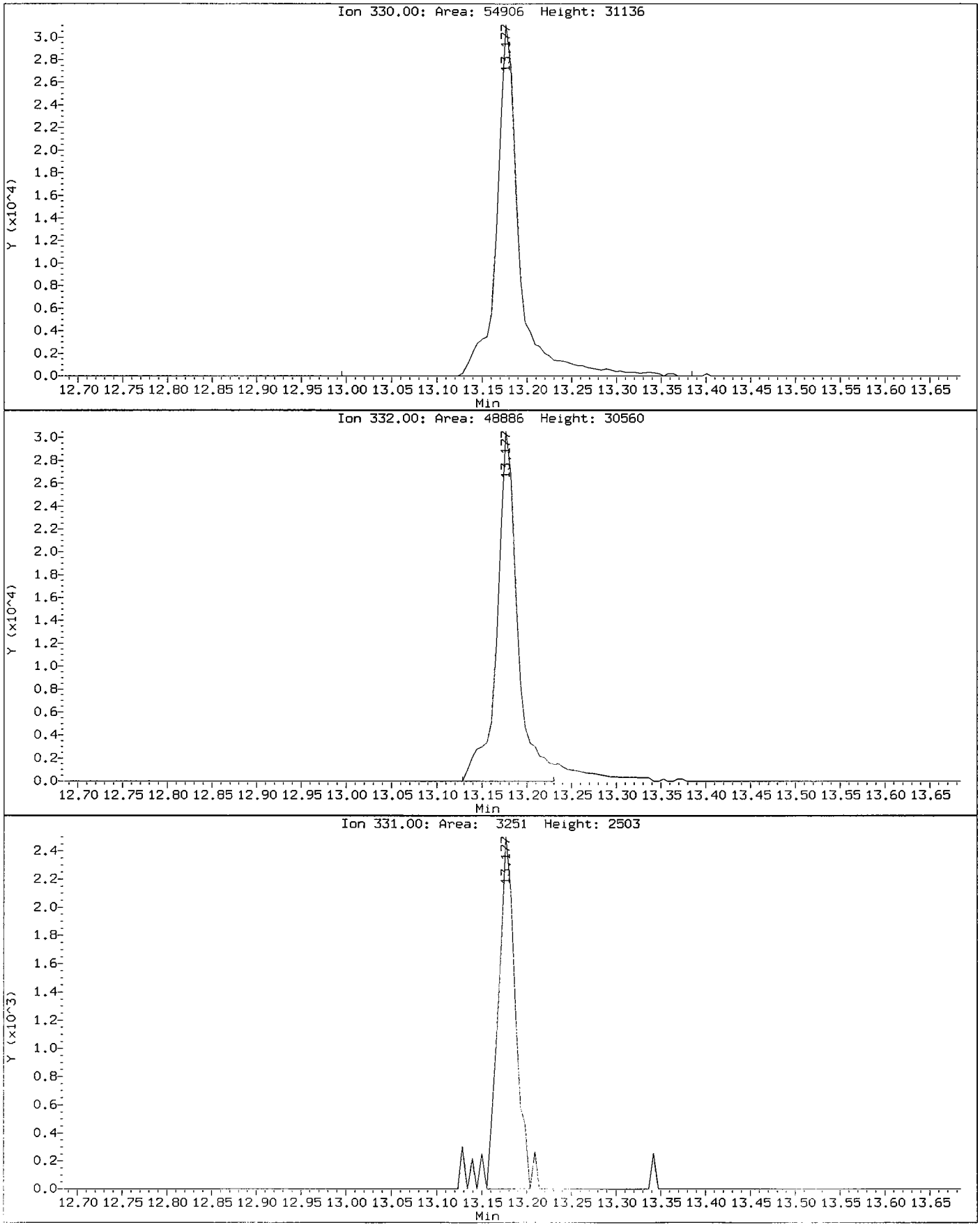
Injection Date: 05-AUG-2005 16:23
Instrument: nt6.i
Client Sample ID: IH28MBS2

Compound: 2,4,6-Tribromophenol
CAS Number: 118-79-6



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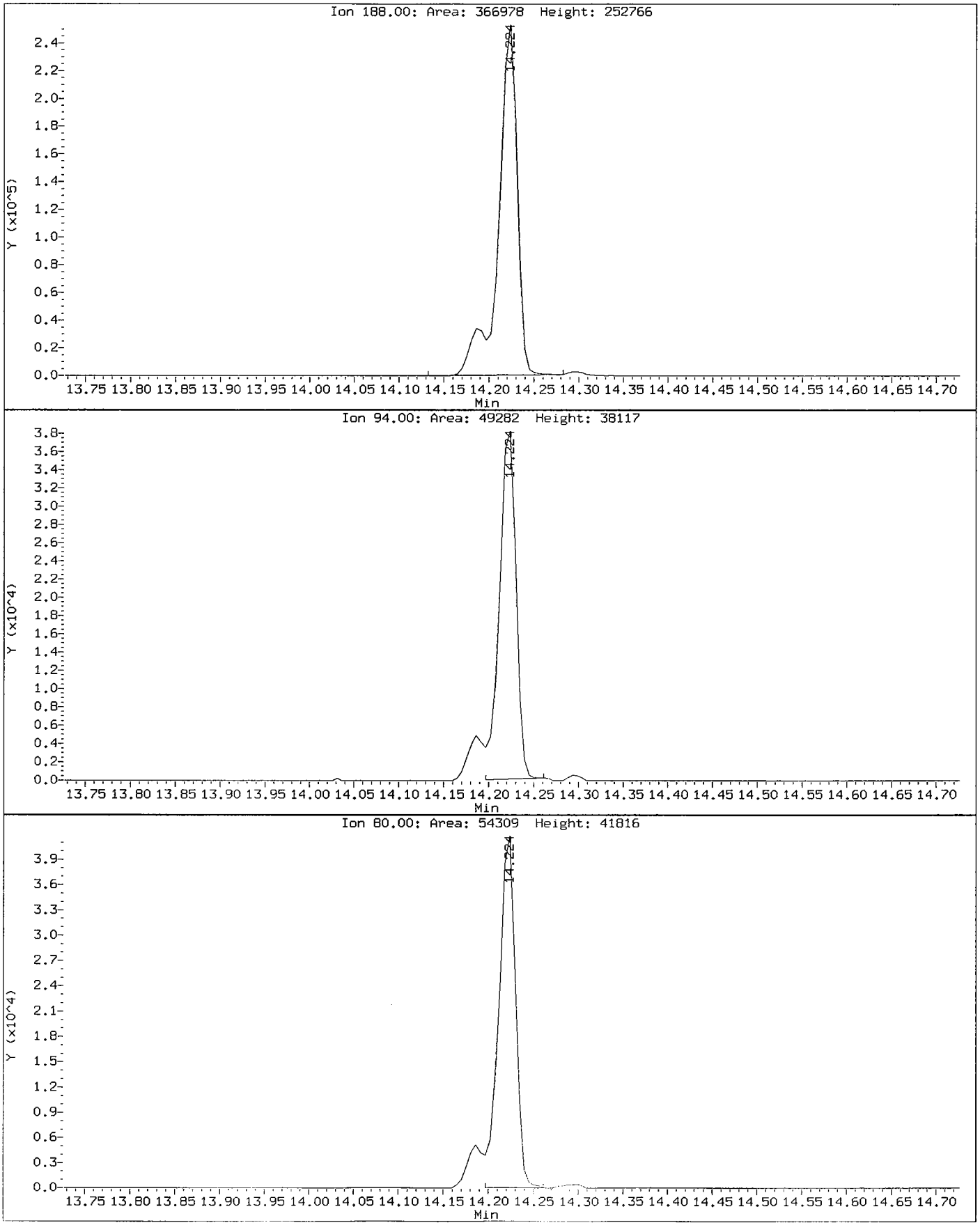
Injection Date: 05-AUG-2005 16:23
Instrument: nt6.i
Client Sample ID: IH28MBS2

Compound: Phenanthrene-d10
CAS Number:



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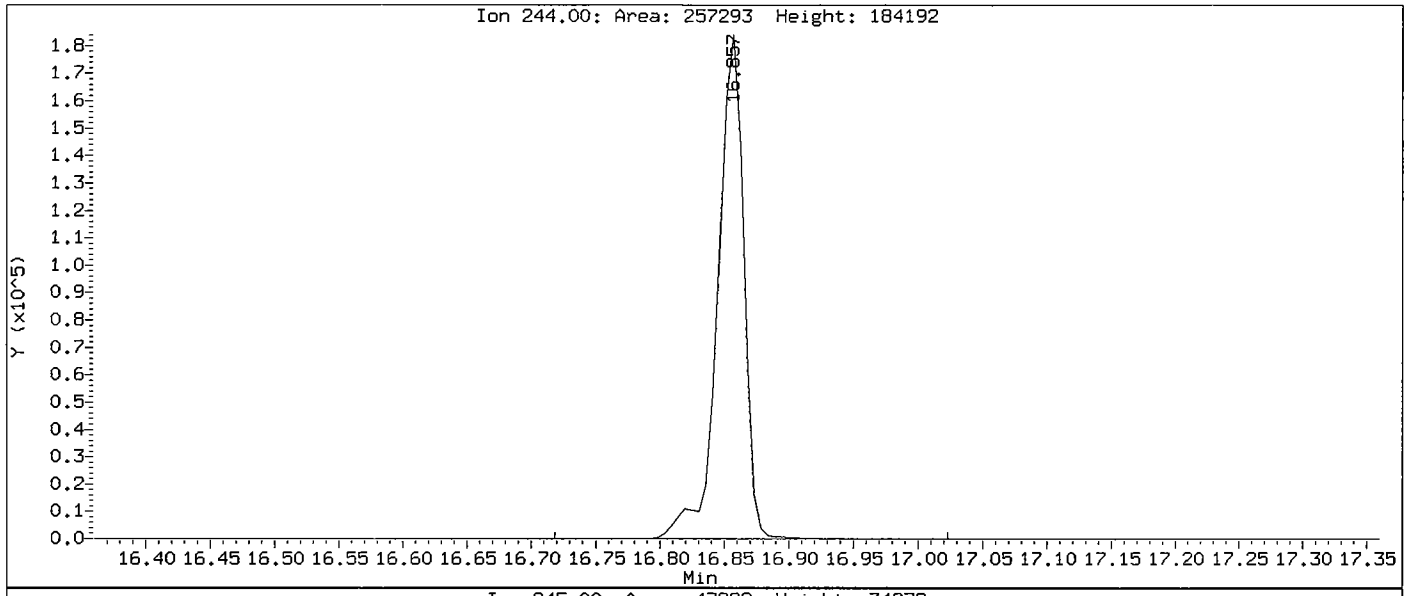
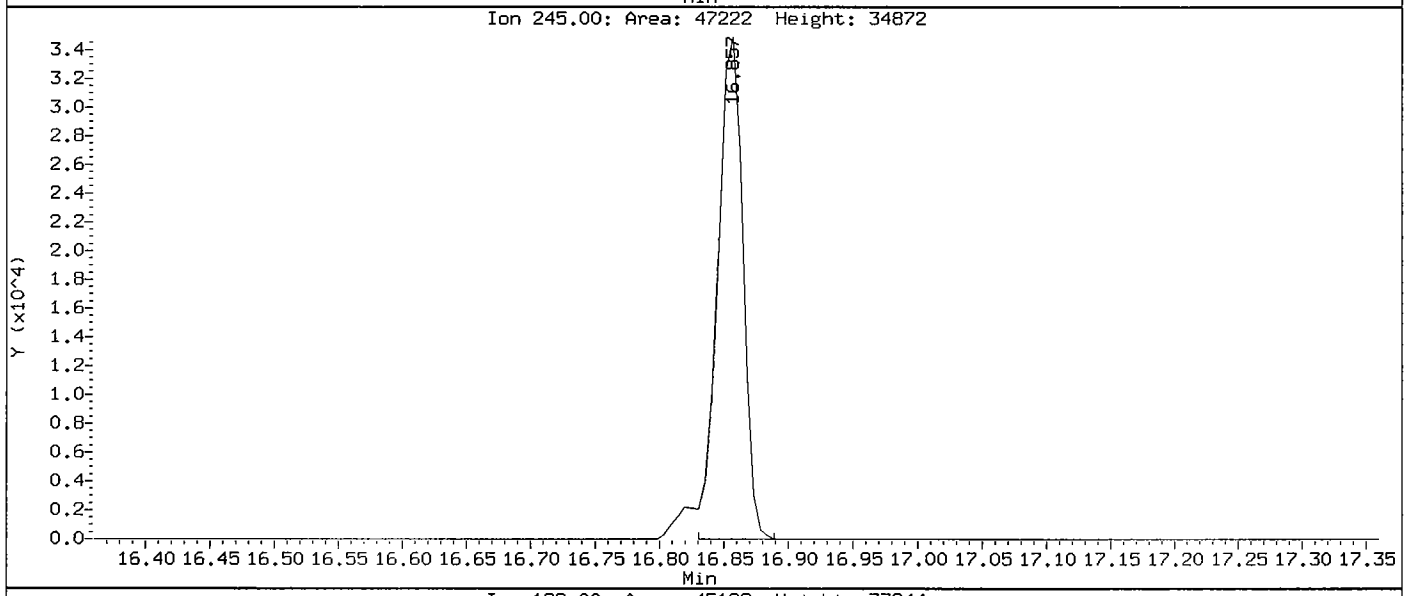
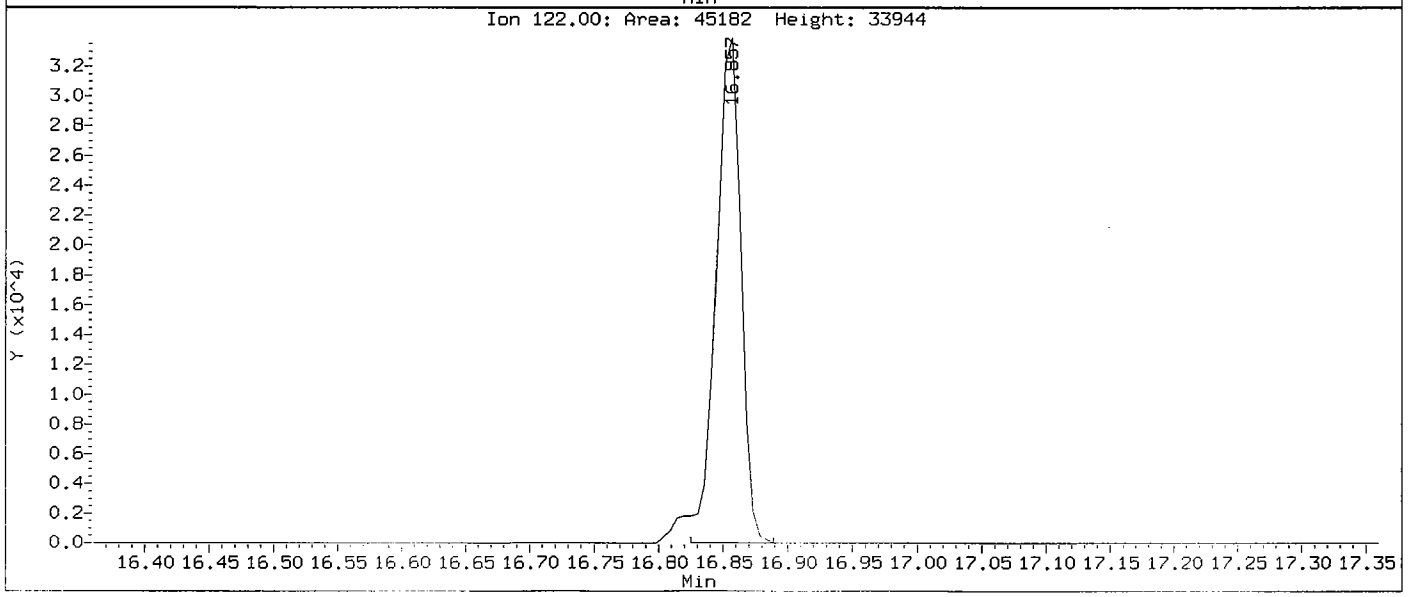
Injection Date: 05-AUG-2005 16:23
Instrument: nt6.i
Client Sample ID: IH28MBS2

Compound: Terphenyl-d14
CAS Number:







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem1/nt6.i/20050805.b/ih28sb2.d
Lab Smp Id: IH28LCSS2 Client Smp ID: IH28LCSS2
Inj Date : 05-AUG-2005 16:57
Operator : LJR/VS Inst ID: nt6.i
Smp Info : IH28LCSS2
Misc Info : 05-11888
Comment : 1ul Injection
Method : /chem1/nt6.i/20050805.b/SW846.m
Meth Date : 08-Aug-2005 12:17 jeff Quant Type: ISTD
Cal Date : 18-JUL-2005 15:41 Cal File: 0800718.d
Als bottle: 6 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDAMBLCS.sub
Target Version: 3.50

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	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	5.321	5.155	(0.753)	240849	24.1602	483.2
$ 2	Phenol-d5	99	6.763	6.731	(0.958)	290661	25.0869	501.7
3	Phenol	94	6.779	6.752	(0.960)	366670	27.9594	559.2
$ 5	2-Chlorophenol-d4	132	6.811	6.773	(0.964)	235672	25.6499	513.0
4	Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6	2-Chlorophenol	128	6.833	6.800	(0.967)	263295	26.5619	531.2
7	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8	1,4-Dichlorobenzene-d4	152	7.062	7.046	(1.000)	141148	20.0000	
9	1,4-Dichlorobenzene	146	7.089	7.072	(1.004)	157812	14.7069	294.1
$ 10	1,2-Dichlorobenzene-d4	152	7.356	7.340	(1.042)	90492	15.1180	302.4
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.					

	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	7.848	7.852	(1.111)	129893	16.8658	337.3
15	4-Methylphenol	108	Compound Not Detected.					
$ 18	Nitrobenzene-d5	82	8.003	7.997	(0.882)	186309	16.2301	324.6
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	9.023	9.028	(0.994)	119175	15.6768	313.5
* 27	Naphthalene-d8	136	9.076	9.076	(1.000)	498339	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	10.145	10.149	(1.118)	243825	31.8853	637.7
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	10.861	10.865	(0.913)	291339	16.2383	324.8
37	2-Chloronaphthalene	162	Compound Not Detected.					
38	2-Nitroaniline	65	Compound Not Detected.					
39	Dimethylphthalate	163	Compound Not Detected.					
40	Acenaphthylene	152	Compound Not Detected.					
41	2,6-Dinitrotoluene	165	Compound Not Detected.					
* 42	Acenaphthene-d10	164	11.892	11.896	(1.000)	267469	20.0000	
43	3-Nitroaniline	138	Compound Not Detected.					
44	Acenaphthene	153	11.940	11.944	(1.004)	284033	17.6465	352.9
45	2,4-Dinitrophenol	184	Compound Not Detected.					
46	Dibenzofuran	168	Compound Not Detected.					
47	4-Nitrophenol	109	12.319	12.329	(1.036)	67131	36.9432	738.9(M)
48	2,4-Dinitrotoluene	165	12.335	12.340	(1.037)	88837	18.2712	365.4
50	Diethylphthalate	149	Compound Not Detected.					
49	Fluorene	166	Compound Not Detected.					
51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
52	4-Nitroaniline	138	Compound Not Detected.					
53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.179	13.184	(1.108)	48490	26.9527	539.1
56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	14.077	14.081	(0.989)	69100	33.8192	676.4
* 59	Phenanthrene-d10	188	14.226	14.226	(1.000)	358774	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	15.369	15.374	(1.080)	42336	1.74867	34.97
	64 Fluoranthene	202	Compound Not Detected.					
	65 Pyrene	202	16.513	16.517	(0.894)	396516	18.1673	363.3
$	66 Terphenyl-d14	244	16.855	16.859	(0.912)	237721	17.5879	351.2
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	Compound Not Detected.					
*	69 Chrysene-d12	240	18.479	18.489	(1.000)	251792	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	Compound Not Detected.					
	72 bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
*	134 Di-n-octylphthalate-d4	153	19.659	19.664	(1.000)	542096	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	20.610	20.620	(1.000)	328795	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.					

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: ih28sb2.d
Lab Smp Id: IH28LCSS2
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VS
Method File: /chem1/nt6.i/20050805.b/SW846.m
Misc Info: 05-11888

Calibration Date: 05-AUG-2005
Calibration Time: 10:58
Client Smp ID: IH28LCSS2
Level: LOW
Sample Type: Solid

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	131580	65790	263160	141148	7.27
27 Naphthalene-d8	462479	231240	924958	498339	7.75
42 Acenaphthene-d10	245589	122794	491178	267469	8.91
59 Phenanthrene-d10	333237	166618	666474	358774	7.66
69 Chrysene-d12	243014	121507	486028	251792	3.61
134 Di-n-octylphthala	488611	244306	977222	542096	10.95
77 Perylene-d12	312604	156302	625208	328795	5.18

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.05	6.55	7.55	7.06	0.24
27 Naphthalene-d8	9.08	8.58	9.58	9.08	0.01
42 Acenaphthene-d10	11.90	11.40	12.40	11.89	-0.04
59 Phenanthrene-d10	14.23	13.73	14.73	14.23	0.00
69 Chrysene-d12	18.49	17.99	18.99	18.48	-0.05
134 Di-n-octylphthala	19.66	19.16	20.16	19.66	-0.02
77 Perylene-d12	20.62	20.12	21.12	20.61	-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: IH28LCSS2
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDAMBLCS.sub
Method File: /chem1/nt6.i/20050805.b/SW846.m
Misc Info: 05-11888

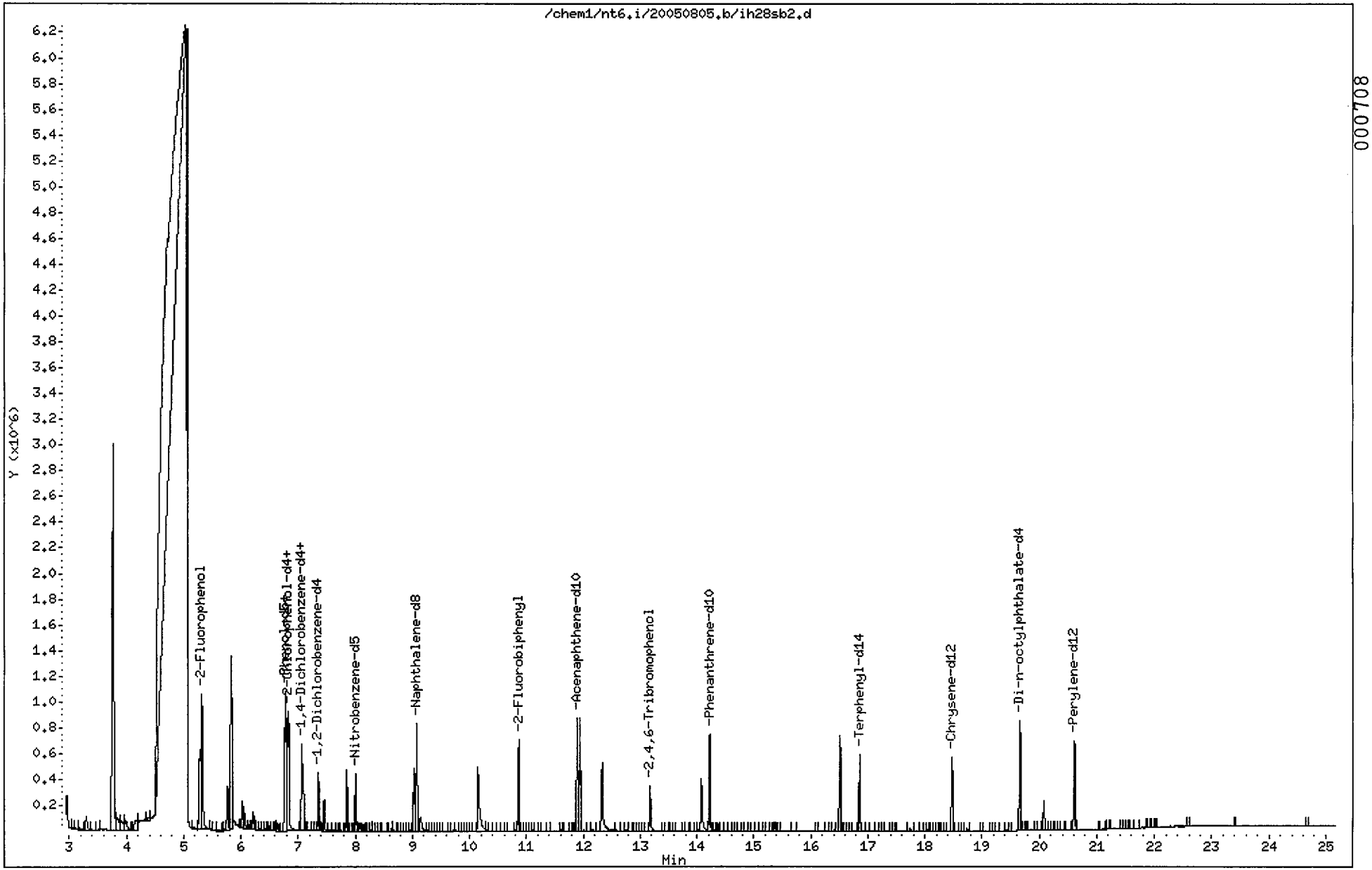
Client SDG: IH28
Fraction: SV
Client Smp ID: IH28LCSS2
Operator: LJR/VS
SampleType: LCS
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	750.0	559.2	74.56	46-100
6	2-Chlorophenol	750.0	531.2	70.83	47-98
9	1,4-Dichlorobenzen	500.0	294.1	58.83	42-85
16	N-Nitroso-di-n-pro	500.0	337.3	67.46	17-94
26	1,2,4-Trichloroben	500.0	313.5	62.71	42-94
31	4-Chloro-3-methylp	750.0	637.7	85.03	47-98
44	Acenaphthene	500.0	352.9	70.59	49-96
47	4-Nitrophenol	750.0	738.9	98.52	24-132
48	2,4-Dinitrotoluene	500.0	365.4	73.08	34-104
58	Pentachlorophenol	750.0	676.4	90.18	41-124
65	Pyrene	500.0	363.3	72.67	58-100

	SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	750.0	483.2	64.43	36-100
$ 2	Phenol-d5	750.0	501.7	66.90	45-91
$ 5	2-Chlorophenol-d4	750.0	513.0	68.40	46-89
$ 10	1,2-Dichlorobenzen	500.0	302.4	60.47	41-86
$ 18	Nitrobenzene-d5	500.0	324.6	64.92	39-93
$ 36	2-Fluorobiphenyl	500.0	324.8	64.95	40-95
$ 55	2,4,6-Tribromophen	750.0	539.1	71.88	34-110
$ 66	Terphenyl-d14	500.0	351.2	70.23	46-116

Data File: /chem1/nt6.i/20050805.b/ih28sb2.d
Date : 05-AUG-2005 16:57
Client ID: IH28LCSS2
Sample Info: IH28LCSS2
Volume Injected (uL): 1.0
Column phase: RTX-5

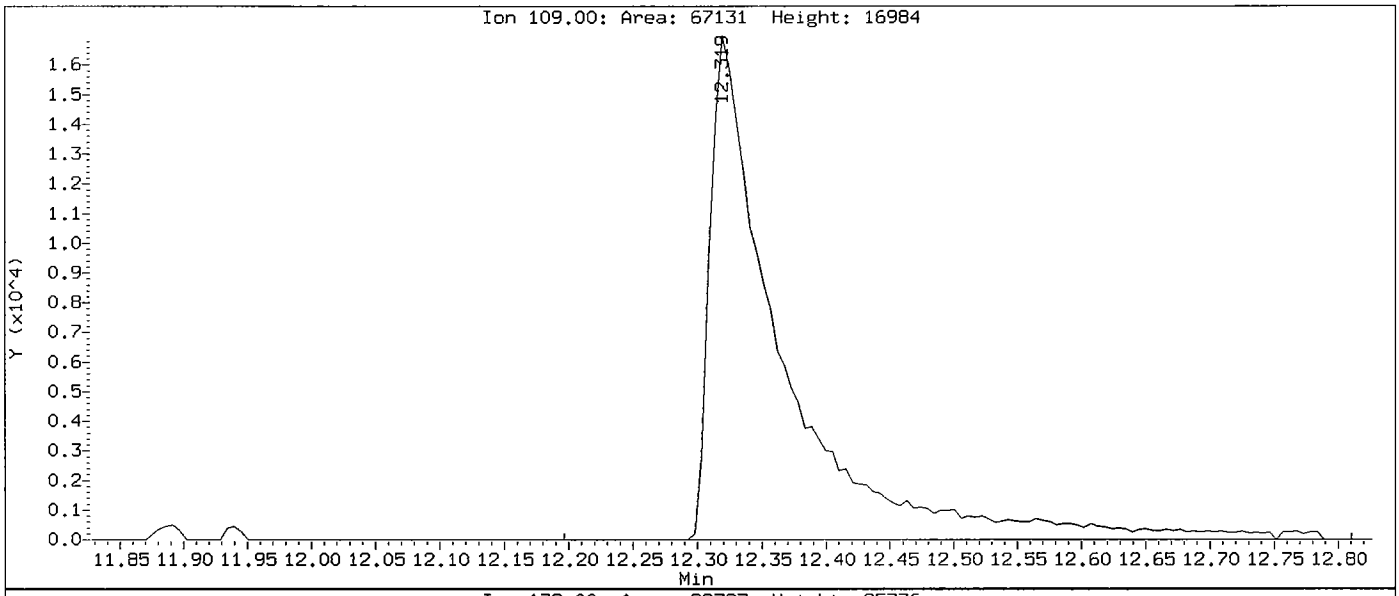
Instrument: nt6.i
Operator: LJR/VS
Column diameter: 0.32

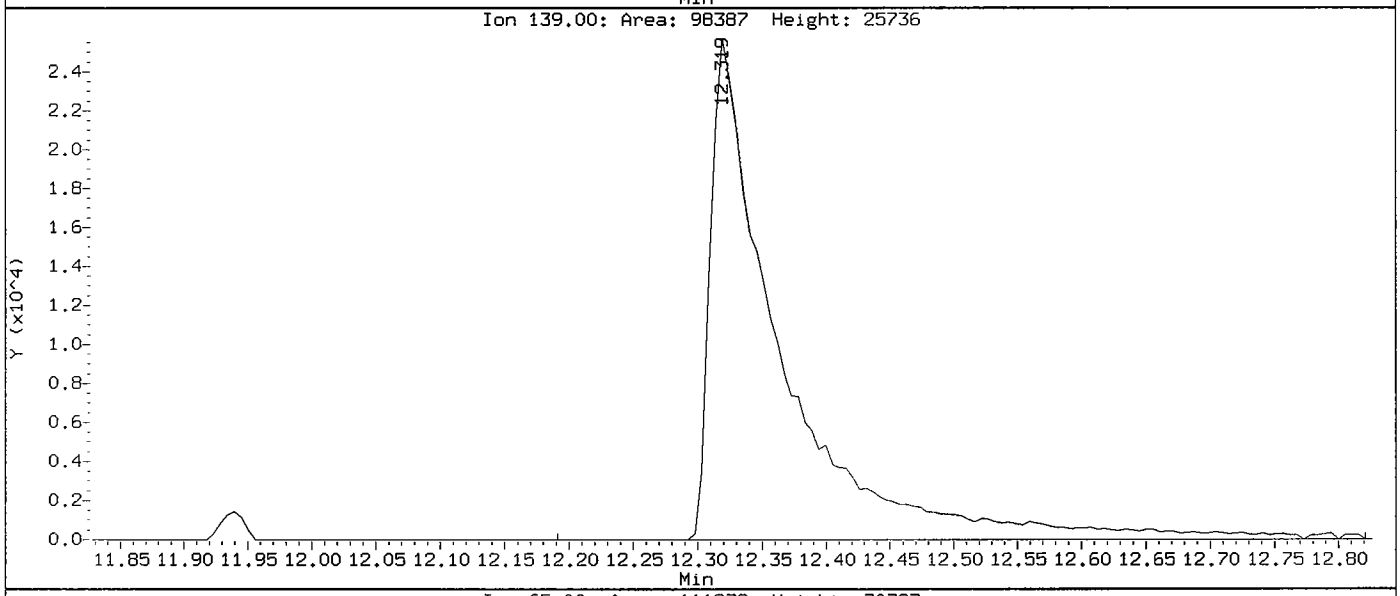


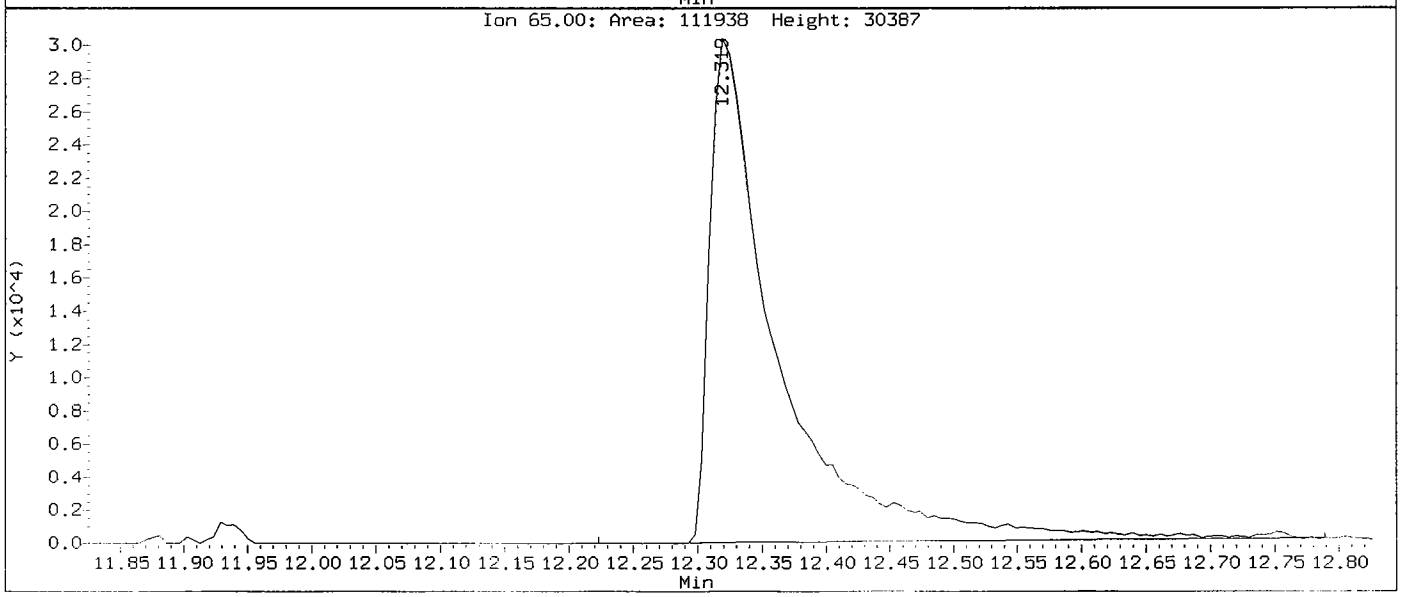
000708

Data File: /chem1/nt6.i/20050805.b/ih28sb2.d
Injection Date: 05-AUG-2005 16:57
Instrument: nt6.i
Client Sample ID: IH28LCSS2

Compound: 4-Nitrophenol
CAS Number: 100-02-7







Semivolatile Organics Analysis
Extraction Bench Sheets and Run Logs

prepared
for

ANCHOR ENVIRONMENTAL

KC FORMER SCOTT MILL , 00010501/T2

ARI JOB NO. IH28

prepared
by

Analytical Resources, Inc.

QA LIMs # _____
EXT LIMs # _____
Bid # SV0725A-01

(8270) BAN / Skydrol / Phenol – Soil / Sediment / Tissue
In House ____ /PSDDA X Medium Level ____
(3550B) Microtip ____
(3550B) Macrotip X /Tissuemizer ____
Med.Shakeout ____
KD X
Turbovap X

ANALYTICAL RESOURCES INCORPORATED

Client Name: Anchor Environmental

ARI Job No(s): IH28

Extraction Requirements (ARI Lab ID)	Sample Client ID	Amount Extracted	GPC Aliquot #1/ #2	Silica-gel Aliquot Y / N	Final Effective Volume	Aliquot Volume For Analysis	Time Extracted 17:30 Comments
MB: 7/25/05 IH28 mbs	N/A	25.00 g.	—	—	0.5mL	0.5mL	
SB: 7/25/05 SBS	↓	25.00g.					
A	Checked	65.88 g.					
B		49.42g.					
C		37.86 g.					
D		38.78 g.					
E		34.24 g.					
F		29.58 g.					
Fms		29.48 g.					
Fmsd		29.62 g.					
G		32.36 g.					
H		30.68 g.					
I		44.38 g.					
J		39.48 g.					
K		39.34 g.					
L		39.24 g.					
M		48.48 g.					
N		52.64 g.					
O	↓	44.38 g.					
SQ-1	N/A	30.00g.			↓	↓	
TA 7/25/05 Date/Analyst:					7/27/05		

Surrogate Amount: 125uL Added by: MD /Spk. Witness Q.F.
Concentration: 100/150ug/mL ID: 1336-039

Spike Amount: 125uL Added by: MD /Spk. Witness Q.F.
Concentration: 100/150ug/mL ID: 1259-018

Xtra Spike Amount: _____ Added by: _____ /Spk.Witness _____
Concentration: _____ ID: _____

(DCM)solvent ID: I234O
(1:1DCM/Acetone) Reagent ID: C208
(95;5DCM/Hexane) Reagent ID: F185
Neutral glasswool ID: 5/24 #6 4/04#5
0.05% HCL/acetone Reagent ID: F141
Na2So4 ID: 7/12 #8 7/13#5
3% Silica gel ID: _____
95:5Ether/DCM ID: _____ 8:2:9Ether/Meoh/DCM ID: _____

3009F

Revision 8
7/29/03

05-11896

"Acidify wool."

QA LIMs # _____
EXT LIMs # _____
Bid # SV0731A-02

(8270) BAN/Skydrol/Phenol – Soil/Sediment/Tissue
In House ____ /PSDDA ✓ Medium Level ____
(3550B) Microtip ____
(3550B) Macrotip ✓ /Tissuemizer ____
Med.Shakeout ____ Client Name: ANCHOR ENV.
KD ✓
Turbovap ✓

ANALYTICAL RESOURCES INCORPORATED

ARI Job No(s): IH28 (RX)

Extraction Requirements (ARI Lab ID)	Sample Client ID	Amount Extracted	GPC Aliquot #1/ #2	Silica-gel Aliquot Y / N	Final Effective Volume	Aliquot Volume For Analysis	Time Extracted 11:35 Comments
MB: IH28 MB5 8/3		25.0g			0.5mL	0.5mL	
SB: IH28 SB5 8/3		25.0g			↓	↓	
↓ IH2	H/A	30.70g					
8/3/05 J.F. Date/Analyst:					8/4/05		

Surrogate Amount: 125µL Added by: TA /Spk. Witness J.F.
Concentration: 100/150 ug/mL ID: 1336-03A

Spike Amount: 125µL Added by: TA /Spk. Witness J.F.
Concentration: 100/150 ug/mL ID: 1259-016

Xtra Spike Amount: _____ Added by: _____ /Spk.Witness _____
Concentration: _____ ID: _____

(DCM)solvent ID: I2340A
(1:1DCM/Acetone) Reagent ID: F215
(95;5DCM/Hexane) Reagent ID: F188
Neutral glasswool ID: 6/16/#4 (10#7
0.05% HCL/acetone Reagent ID: A49/F214 9f 8/3
Na2So4 ID: 7/29/#4 (7/22 #6
3% Silica gel ID: _____
95:5Ether/DCM ID: _____ 8:2:9Ether/Meoh/DCM ID: _____

3009F

Revision 8
7/29/03

Acidify Wool F214

05-000712
05-11000

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC- MS Semi-Volatile Organics Instrument Logbook for NT-6

Date: 7/18/05 Analyst: LJK

Analysis: BANs GC Program: ABN 10L

GC Column No.: 693016 Column Type: RTX-5 (30m 0.32mm ID 0.25um df)

ICal date: 7/18/05 EM Voltage: 1094

Instrument Tune (.U or .CT): ~~B~~11050718

DFTPP Tuning File : 0250718

DFTPP Tuning Time: 1503

CCal Standard:

Maintenance

New column. New inlet seal. New split line. Cleaned the split arm. New liner + wool. Cleaned MS source and lenses. New filaments.

LJK
7/19/05

Maintenance Verification: 0250718

(Identify ICal or CCal that demonstrates instrument is in control)

Every line on this form must contain information or be lined out. Make sure all information is legible. Start a new page for each QC period

GC- MS Semi-Volatile Organics Instrument Logbook for NT-6

	Time	Filename	LabID	ClientId	DF											
1	1503	0250718.d	ABN 25	ABN 25	1	7.84	99236	9.87	351454	12.70	182658	15.06	260034	19.34	179938	21.49	233857	20.46	368961
2	1541	0800718.d	ABN 80	ABN 80	1	7.85	105374	9.88	377856	12.71	203187	15.07	276488	19.36	166620	21.51	266118	20.47	362853
3	1615	0010718.d	ABN 1	ABN 1	1	7.84	103769	9.86	363091	12.70	191698	15.05	260976	19.34	225185	21.49	226401	20.45	445394
4	1649	0400718.d	ABN 40	ABN 40	1	7.84	103223	9.87	366079	12.70	187633	15.05	260564	19.35	166499	21.49	236401	20.46	350762
5	1723	0050718.d	ABN 5	ABN 5	1	7.83	103172	9.86	359640	12.70	188635	15.05	258372	19.34	208417	21.49	238218	20.45	423943
6	1757	0100718.d	ABN 10	ABN 10	1	7.84	104854	9.87	362567	12.70	184957	15.05	255069	19.34	195131	21.49	238853	20.45	402599
7	1831	icv0718.d	ABN ICV	ABN ICV	1	7.84	96165	9.87	346612	12.70	180878	15.06	258824	19.34	183559	21.49	229280	20.45	375005

LNK 7/19/05

GC- MS Semi-Volatile Organics Instrument Logbook for NT-4

Date: 8/2/05 Analyst: LJK

Analysis: BANS GC Program: ABN1UL

GC Column No.: 693016 Column Type: RTX-5 (30m 0.32mm ID 0.25um df)

ICal date: 8/2/05 EM Voltage: 1294

Instrument Tune (.U or .CT): 050729

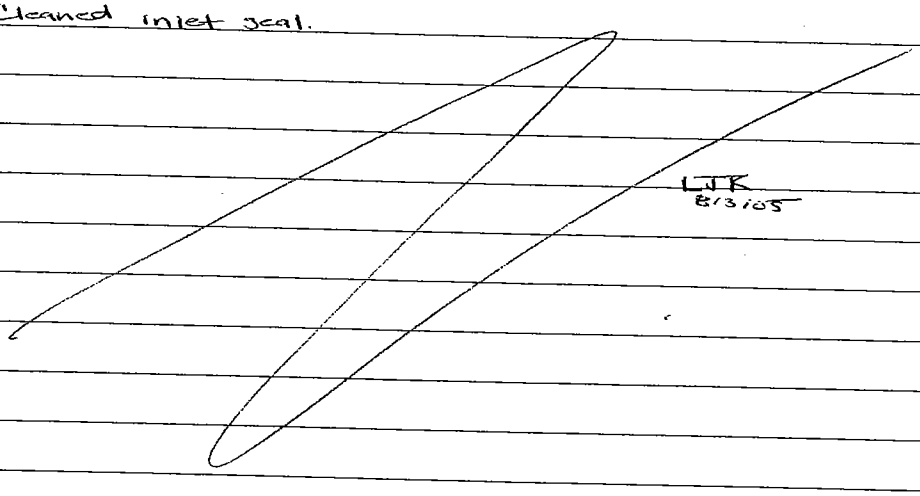
DFTPP Tuning File : 0250802

DFTPP Tuning Time: 1735

CCal Standard: (1340-1, 1340-2, 1341-1, 1341-2, 1338-2) 20X

Maintenance

New split line. Cleaned split vlv. New liner+wool. Clipped column. Cleaned inlet seal.



Maintenance Verification: 0250802

(Identify ICal or CCal that demonstrates instrument is in control)

Every line on this form must contain information or be lined out. Make sure all information is legible. Start a new page for each QC period

GC- MS Semi-Volatile Organics Instrument Logbook for NT-4

	Time	Filename	LabID	ClientId	DF											
1	1735	0250802.d	ABN 25		1	7.43	124009	9.58	439086	12.42	234157	14.74	344042	18.98	264444	21.10	280601	20.22	474443
2	1809	0800802.d	ABN 80		1	7.44	101822	9.60	363330	12.43	193542	14.76	288291	19.00	223560	21.12	250953	20.24	405594
3	1842	0010802.d	ABN 1		1	7.42	105446	9.57	380095	12.42	199902	14.74	297989	18.97	232131	21.10	254285	20.22	420202
4	1915	0400802.d	ABN 40		1	7.43	99111	9.59	364153	12.43	192499	14.75	290356	18.99	220159	21.11	231915	20.23	395232
5	1948	0050802.d	ABN 5		1	7.43	98745	9.58	362700	12.42	189475	14.74	280559	18.98	214293	21.10	237397	20.22	385511
6	2022	0100802.d	ABN 10		1	7.43	102683	9.58	378894	12.42	201009	14.74	303245	18.98	234466	21.10	250617	20.22	421039
7	2055	icv0802.d	ABN ICV		1	7.43	95129	9.58	353148	12.42	192690	14.75	291588	18.98	225734	21.10	231580	20.22	405821

LJR 8/13/05

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC- MS Semi-Volatile Organics Instrument Logbook for NT-4

Date: 8/2/05A Analyst: LJK

Analysis: BANS GC Program: ABNIUL

GC Column No.: 693016 Column Type: RTX-5 (~30m 0.32mm ID 0.25µm df)

ICal date: 8/2/05 EM Voltage: 1294

Instrument Tune (U or .CT): 050729

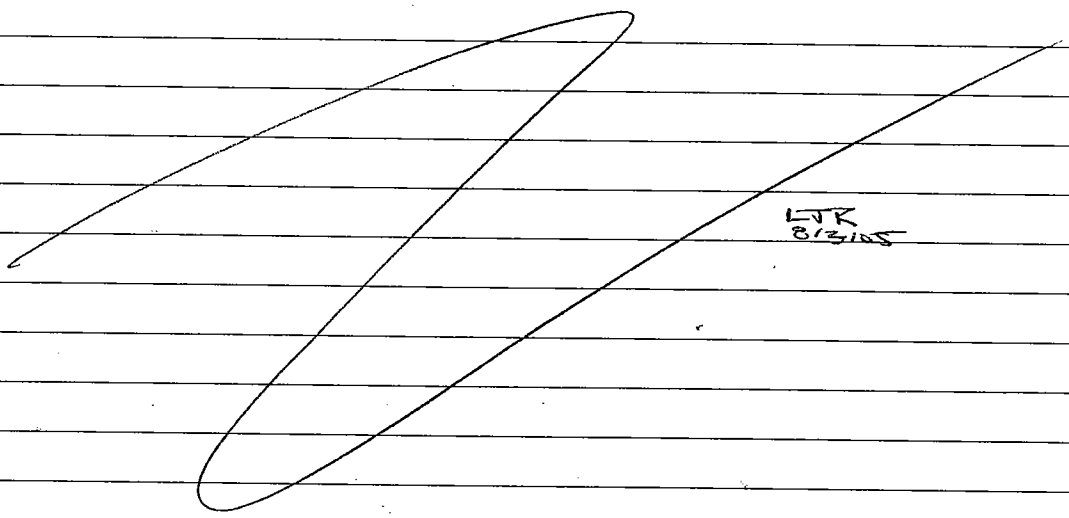
DFTPP Tuning File : CC0802

DFTPP Tuning Time: 2128

CCal Standard: (1340-1, 1340-2, 1341-1, 1338-1)20X

Maintenance

None



Maintenance Verification: CC0802

(Identify ICal or CCal that demonstrates instrument is in control)

Every line on this form must contain information or be lined out. Make sure all information is legible. Start a new page for each QC period

GC- MS Semi-Volatile Organics Instrument Logbook for NT-4

	Time	Filename	LabID	ClientId	DP											
1	2128	cc0802.d	ABN 25		1	7.43	121607	9.59	430121	12.43	229587	14.75	343054	18.98	260573	21.10	283780	20.23	469301
2	2201	ih28mb.d	IH28MBS1	IH28MBS1	1	7.43	108693	9.58	416052	12.42	229346	14.74	345913	18.97	263874	20.21	448788	21.09	200538
3	2234	ih28sb.d	IH28LCSS1	IH28LCSS1	1	7.43	120151	9.58	447988	12.42	245135	14.74	378028	18.97	285578	20.21	492693	21.09	235180
4	2308	ih97mb.d	IH97MBS1	IH97MBS1	1	7.43	122114	9.57	461893	12.42	249319	14.74	375065	18.97	272862	20.22	479676	21.09	263238
5	2341	ih97sb.d	IH97LCSS1	IH97LCSS1	1	7.43	120371	9.58	449275	12.42	245102	14.74	367645	18.97	258771	20.22	478147	21.10	265262
6	0014	ih28srm.d	IH28SRM	SQ-1	1	7.42	90809	9.57	274048	12.42	162541	14.75	260099	18.98	237959	20.22	443768	21.10	198434
7	0047	ih97srm.d	IH97SRM	SQ-1	1	7.43	121121	9.58	448014	12.43	238432	14.75	353931	18.98	286961	20.22	484211	21.10	284670
8	0119	ih28e.d	IH28E	AN-RI-SEDC-09B	1	7.42	124087	9.58	463708	12.42	224178	14.74	350756	18.98	311718	20.22	555843	21.10	303807
9	0152	ih28f.d	IH28F	AN-RI-SEDC-09C	1	7.42	109995	9.58	412224	12.42	219948	14.74	323873	18.97	279648	20.22	495667	21.10	277494
10	0225	ih28fms.d	IH28FMS	AN-RI-SEDC-09C MS	1	7.43	117392	9.58	432806	12.42	234708	14.74	345768	18.97	287935	20.22	512361	21.10	281499
11	0258	ih28fmd.d	IH28FMSDAN	RI-SEDC-09C MSD	1	7.43	110308	9.58	411517	12.42	218449	14.74	331894	18.98	282622	20.22	502300	21.10	269150
12	0330	ih28g.d	IH28G	AN-RI-SEDC-02A	1	7.43	114134	9.58	416459	12.42	222318	14.74	338048	18.99	315524	20.22	568040	21.11	285126
13	0403	ih28h.d	IH28H	AN-RI-SEDC-02B	1	7.42	95383	9.58	355419	12.42	190715	14.74	290272	18.97	258222	20.22	458627	21.10	238422
14	0436	ih28i.d	IH28I	AN-RI-SEDC-06A	1	7.43	114797	9.57	416772	12.42	228001	14.75	358092	19.00	342266	20.24	615172	21.12	234925
15	0508	ih28j.d	IH28J	AN-RI-SEDC-06B	1	7.43	118889	9.58	434485	12.43	233700	14.74	355003	18.99	345052	20.23	606247	21.12	256606
16	0541	ih28a.d	IH28A	AN-RI-SEDC-08A	1	7.43	90961	9.58	338018	12.43	187453	14.75	316767	19.02	259751	20.25	460060	21.15	138284
17	0614	ih28b.d	IH28B	AN-RI-SEDC-08B	1	7.43	116069	9.58	424073	12.43	230640	14.75	392902	19.01	343389	20.24	637525	21.13	176103
18	0646	ih28c.d	IH28C	AN-RI-SEDC-08C	1	7.43	99472	9.58	360663	12.43	195232	14.75	310881	18.99	284642	20.22	533332	21.11	176706
19	0719	ih28d.d	IH28D	AN-RI-SEDC-09A	1	7.43	126183	9.58	458853	12.43	249132	14.75	412772	19.00	355380	20.23	659878	21.12	197068
20	0752	ih28k.d	IH28K	AN-RI-SEDC-06C	1	7.43	92933	9.58	328682	12.43	180127	14.75	293928	18.98	263884	20.22	498432	21.10	141012
21	0825	ih28l.d	IH28L	AN-RI-SEDC-07A	1	7.43	111956	9.58	394672	12.43	221874	14.75	356978	18.99	325030	20.22	616212	21.11	163025
22	0858	ih28m.d	IH28M	AN-RI-SEDC-07B	1	7.43	117679	9.58	428961	12.43	239125	14.75	395747	19.02	317667	20.25	619881	21.14	146031
23	0931	ih28n.d	IH28N	AN-RI-SEDCZ-08A	1	7.44	117770	9.58	438577	12.43	241667	14.76	401065	19.02	326529	20.25	638509	21.14	145360
24	1004	ih28o.d	IH28O	AN-RI-SEDCZ-08B	1	7.43	116264	9.58	427204	12.43	240634	14.76	413558	19.02	319137	20.26	607858	21.16	132657
25	1037	ih97a.d	IH97A	ANRISED-WP01	1	7.44	124084	9.59	442303	12.43	255271	14.76	439692	19.06	339555	20.25	669204	21.15	131636
26	1111	ih97b.d	IH97B	ANRISED-WP02	1	7.44	123839	9.59	447581	12.43	255544	14.76	434518	19.00	348553	20.23	695843	21.12	140177
27	1145	ih97bms.d	IH97BMS	ANRISED-WP02 MS	1	7.44	119190	9.59	427203	12.44	245311	14.76	409004	19.01	328067	20.24	658516	21.13	135413
28	1218	ih97bmd.d	IH97BMSDANRISED	WP02 MSD	1	7.44	124266	9.59	439042	12.43	246623	14.76	403999	19.00	337682	20.24	655230	21.12	150515

LTK 6/13/05

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC- MS Semi-Volatile Organics Instrument Logbook for NT-4

Date: 8/3/05 Analyst: LJK

Analysis: BANS GC Program: ABN

GC Column No.: 693016 Column Type: RTX-5 (L 30m, 0.32mm ID, 0.25mm df)

ICal date: 8/2/05 EM Voltage: 1294

Instrument Tune (.U or .CT): 050729

DFTPP Tuning File : CCD803

DFTPP Tuning Time: 1603

CCal Standard: (1340-1, 1340-2, 1341-1, 1338-1) 20X

Maintenance

New liner + wool. Clipped column. Cleaned inlet seal.

LJK 8/4/05

Maintenance Verification: CC0803

(Identify ICal or CCal that demonstrates instrument is in control)

Every line on this form must contain information or be lined out. Make sure all information is legible. Start a new page for each QC period

GC- MS Semi-Volatile Organics Instrument Logbook for NT-4

	Time	Filename	LabID	ClientId	DF													
1	1603	cc0803.d	ABN 25		1	7.36	119650	9.52	453363	12.35	254006	14.67	409127	18.91	338901	21.03	332982	20.15	610532
2	1638	hex0803.d	HEX CHECK		1	14.66	520	20.13	1700										
3	1711	dcm0803.d	DCM CHECK		1	NO ISTDS FOUND													
4	1745	dcm0803a.d	DCM CHECK		1	NO ISTDS FOUND													
5	1819	ii79mb.d	II79MBW1	II79MBW1	1	7.35	128084	9.51	487025	12.35	270694	14.67	443236	18.90	366928	20.14	659926	21.02	356149
6	1852	ii79sb.d	II79LCSW1	II79LCSW1	1	7.36	126806	9.52	494554	12.36	274188	14.68	445848	18.91	364572	20.15	657855	21.02	359979
7	1926	ii39mb.d	II39MBS1	II39MBS1	1	7.35	126589	9.50	486477	12.35	269633	14.67	438262	18.90	361756	20.14	652968	21.02	278596
8	1959	ii39sb.d	II39LCSS1	II39LCSS1	1	7.35	132129	9.51	496924	12.35	277317	14.67	454439	18.90	367300	20.14	667178	21.02	307634
9	2032	ii39srm.d	II39SRM	SQ-1	1	7.36	133793	9.51	511225	12.35	284693	14.68	457219	18.91	371520	20.15	659802	21.02	345221
10	2105	ii79adl.d	II79A	P-1-529	10	7.35	134618	9.51	524001	12.35	294033	14.67	471848	18.90	393505	20.14	695374	21.02	384649
11	2138	ii79a.d	II79A	P-1-529	1	7.36	121389	9.55	469463	12.37	262520	14.68	431759	18.90	358773	20.14	631907	21.03	347136
12	2212	ih28adl.d	IH28A	AN-RI-SEDC-08A	3	7.36	133260	9.51	515052	12.35	290485	14.68	474768	18.92	392007	20.17	689666	21.05	365988
13	2245	ih28kdl.d	IH28K	AN-RI-SEDC-06C	3	7.36	127882	9.51	496862	12.36	281838	14.68	455687	18.91	386973	20.15	671509	21.03	351832
14	2318	ih28n2.d	IH28N	AN-RI-SEDCZ-08A	1	7.36	168455	9.51	650835	12.36	366029	14.68	586529	18.95	521341	20.19	835774	21.08	472182
15	2351	ih28odl.d	IH28O	AN-RI-SEDCZ-08B	1	7.36	125734	9.52	495708	12.36	281614	14.69	459754	18.96	536581	20.22	650603	21.10	366475
16	0024	ih97a2.d	IH97A	ANRISED-WP01	1	7.37	134183	9.53	530188	12.37	301220	14.70	493552	18.99	429842	20.20	701968	21.10	386457
17	0058	ih97b2.d	IH97B	ANRISED-WP02	1	7.37	138307	9.53	535166	12.37	301265	14.69	501773	18.94	437023	20.17	739711	21.06	387943
18	0131	ih97bms2.d	IH97BMS	ANRISED-WP02 MS	1	7.37	138270	9.53	531015	12.37	303916	14.70	498021	18.94	430887	20.18	721054	21.07	388464
19	0204	ih97bmd2.d	IH97BMSD	ANRISED-WP02 MSD	1	7.37	132110	9.53	511802	12.37	295892	14.69	486745	18.93	421270	20.17	713952	21.06	380550
20	0237	ii39b.d	II39B	S-6-7	1	7.38	130839	9.53	503859	12.38	285710	14.69	465245	18.92	403685	20.16	686334	21.05	364149
21	0310	ii39d.d	II39D	S-3-4-5	1	7.37	113382	9.55	428952	12.40	252755	14.70	403968	18.92	349745	20.16	604395	21.04	323489
22	0343	ii39dms.d	II39DMS	S-3-4-5 MS	1	7.37	111684	9.55	442151	12.40	251271	14.70	407441	18.92	347523	20.16	598989	21.04	316471
23	0416	ii39dmd.d	II39DMSD	S-3-4-5 MSD	1	7.38	141664	9.56	533871	12.40	318141	14.70	512058	18.92	437215	20.15	746415	21.05	402531
24	0449	ii39f.d	II39F	S-1-2	1	7.37	119415	9.52	535226	12.36	302028	14.69	493297	18.93	416089	20.17	734064	21.07	395123

LTR BIASES

LTR 6/14/05

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC- MS Semi-Volatile Organics Instrument Logbook for NT-6

Date: 8/5/05 Analyst: LJR

Analysis: BANs/PNAs GC Program: ABNINL

GC Column No.: 693016 Column Type: RTX-5 (N 30m 0.32mm ID 0.25 umdf)

ICal date: 7/18/05 EM Voltage: 1094

Instrument Tune (.U or .CT): 050718

DFTPP Tuning File : CC0805

DFTPP Tuning Time: 1058

CCal Standard: (1340-1, 1340-2, 1341-1, 1338-1) 20x

Maintenance

New liner + wool. Clipped column. Changed inlet seal.

LJR
8/8/05

Maintenance Verification: CC0805

(Identify ICal or CCal that demonstrates instrument is in control)

Every line on this form must contain information or be lined out. Make sure all information is legible. Start a new page for each QC period

GC- MS Semi-Volatile Organics Instrument Logbook for NT-6

	Time	Filename	LabID	ClientId	DF											
1	1058	cc0805.d	ABN 25		1	7.05	131580	9.08	462479	11.90	245589	14.23	333237	18.49	243014	20.62	312604	19.66	488611
2	1408	ii70gdl.d	II70G	5-14-49	10	7.05	142610	9.08	505226	11.90	264236	14.23	355868	18.48	263638	19.67	566349	20.62	338382
3	1441	ii70hdl.d	II70H	5-14-50	5	7.05	147164	9.07	516475	11.89	272840	14.23	360233	18.48	273160	19.66	583321	20.62	346697
4	1515	ii67mb.d	II67MBS1	II67MBS1	1	9.08	472567	11.89	255279	14.23	342399	18.48	247673	20.61	313604				
5	1549	ii67sb.d	II67LCSS1	II67LCSS1	1	9.08	502665	11.89	274486	14.22	370248	18.48	254011	20.62	324588				
6	1623	ih28mb2.d	IH28MBS2	IH28MBS2	1	7.07	145871	9.07	517628	11.89	276904	14.22	366978	18.48	253442	19.66	551220	20.61	324589
7	1657	ih28sb2.d	IH28LCSS2	IH28LCSS2	1	7.06	141148	9.08	498335	11.89	267469	14.23	358774	18.48	251792	19.66	542096	20.61	328795
8	1730	ii67a.d	II67A	3400646007005	1	9.08	476558	11.89	259119	14.23	303105	18.93	146493	20.68	300903				
9	1804	ii67ams.d	II67AMS	3400646007005 MS	1	9.08	527492	11.89	279092	14.23	346864	18.49	268359	20.63	333751				
10	1838	ii67amd.d	II67AMSD	3400646007005 MSD	1	9.07	513516	11.89	275365	14.23	348503	18.49	264443	20.63	339849				
11	1912	ih28hre.d	IH28HRB	AN-RI-SBDC-028	1	7.06	145421	9.08	519227	11.89	276664	14.23	360588	18.48	279952	19.66	547173	20.61	350135

LTL 8/8/05

PCB Analysis
QC Summary Data

prepared
for

ANCHOR ENVIRONMENTAL

KC FORMER SCOTT MILL , 00010501/T2

ARI JOB NO. IH28

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

SW8082/PCB SOIL/SEDIMENTS SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2

Client ID	DCBP	TCMX	TOT OUT
AN-RI-SEDC-08A	83.2%	94.5%	0
AN-RI-SEDC-08B	90.5%	105%	0
AN-RI-SEDC-08C	92.2%	91.2%	0
AN-RI-SEDC-09A	90.2%	86.8%	0
AN-RI-SEDC-09B	96.8%	91.5%	0
MB-072605	102%	95.0%	0
LCS-072605	107%	102%	0
SRM SQ-1	93.8%	103%	0
AN-RI-SEDC-09C	100%	89.5%	0
AN-RI-SEDC-09C MS	91.2%	87.2%	0
AN-RI-SEDC-09C MSD	92.2%	87.5%	0
AN-RI-SEDC-02A	108%	98.2%	0
AN-RI-SEDC-02B	93.5%	85.5%	0
AN-RI-SEDC-06A	84.0%	88.0%	0
AN-RI-SEDC-06B	93.0%	93.2%	0
AN-RI-SEDC-06C	88.0%	88.0%	0
AN-RI-SEDC-07A	90.0%	88.5%	0
AN-RI-SEDC-07B	84.2%	87.8%	0
AN-RI-SEDCZ-08A	86.2%	91.2%	0
AN-RI-SEDCZ-08B	83.8%	103%	0

	LCS/MB LIMITS	QC LIMITS
(DCBP) = Decachlorobiphenyl	(49-140)	(30-164)
(TCMX) = Tetrachlorometaxylene	(30-135)	(26-143)

Prep Method: SW3550B
Log Number Range: 05-11881 to 05-11895

FORM-II SW8082

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-RI-SEDC-09C
MS/MSD

Lab Sample ID: IH28F
LIMS ID: 05-11886
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/13/05
Date Received: 07/18/05

Date Extracted MS/MSD: 07/26/05

Date Analyzed MS: 07/29/05 18:57
MSD: 07/29/05 19:14
Instrument/Analyst MS: ECD5/PK
MSD: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount MS: 25.3 g-dry-wt
MSD: 25.6 g-dry-wt
Final Extract Volume MS: 5.0 mL
MSD: 5.0 mL
Dilution Factor MS: 1.00
MSD: 1.00
Silica Gel: No
pH: 8.0
Percent Moisture: 13.3%

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Aroclor 1016	< 19.6 U	75.4	101	74.7%	76.4	100	76.4%	1.3%
Aroclor 1260	< 19.6 U	81.9	101	81.1%	83.7	100	83.7%	2.2%

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-072605
LAB CONTROL

Lab Sample ID: LCS-072605
LIMS ID: 05-11886
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: NA
Date Received: NA

Date Extracted: 07/26/05
Date Analyzed: 07/29/05 16:41
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: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: NA
Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Aroclor 1016	88.0	102	86.3%
Aroclor 1260	97.6	102	95.7%

PCB Surrogate Recovery

Decachlorobiphenyl	107%
Tetrachlorometaxylene	102%

Results reported in µg/kg (ppb)

4

PCB METHOD BLANK SUMMARY

BLANK NO.

IH28MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No.: IH28 Project: KC FORMER SCOTT MILL

Lab Sample ID: IH28MBS1 Lab File ID: 0729B011

Date Extracted: 07/26/05 Matrix: SOLID

Date Analyzed: 07/29/05 Instrument ID: ECD5

Time Analyzed: 1623 GC Columns: CLP-PEST/ZB35

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	IH28LCSS1	IH28LCSS1	07/29/05
02	SQ-1	IH28SRM	07/29/05
03	AN-RI-SEDC-08A	IH28A	07/29/05
04	AN-RI-SEDC-08B	IH28B	07/29/05
05	AN-RI-SEDC-08C	IH28C	07/29/05
06	AN-RI-SEDC-09A	IH28D	07/29/05
07	AN-RI-SEDC-09B	IH28E	07/29/05
08	AN-RI-SEDC-09C	IH28F	07/29/05
09	AN-RI-SEDC-09C MS	IH28FMS	07/29/05
10	AN-RI-SEDC-09C MSD	IH28FMSD	07/29/05
11	AN-RI-SEDC-02A	IH28G	07/29/05
12	AN-RI-SEDC-02B	IH28H	07/29/05
13	AN-RI-SEDC-06A	IH28I	07/29/05
14	AN-RI-SEDC-06B	IH28J	07/29/05
15	AN-RI-SEDC-06C	IH28K	07/29/05
16	AN-RI-SEDC-07A	IH28L	07/29/05
17	AN-RI-SEDC-07B	IH28M	07/29/05
18	AN-RI-SEDCZ-08A	IH28N	07/29/05
19	AN-RI-SEDCZ-08B	IH28O	07/29/05

FORM IV PCB

FORM 8
PCB ANALYTICAL SEQUENCE

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No.: IH28 Project: KC FORMER SCOTT MILL

GC Column: CLP-PEST Instrument ID: ECD5

Init. Calib. Date(s): 07/20/05

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 3.54 DCB: 10.31

	Client SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	ZZZZZ	ZZZZZ	07/20/05	1601	3.55	10.31
02		AR1660 0.5	07/20/05	1618	3.53	10.31
03		AR1660 .02	07/20/05	1635	3.53	10.31
04		AR1660 1.0	07/20/05	1652	3.53	10.31
05		AR1660 .25	07/20/05	1709	3.53	10.31
06		AR1660 0.1	07/20/05	1726	3.53	10.31
07	ZZZZZ	ZZZZZ	07/20/05	1743	3.51	10.31
08		AR12421	07/20/05	1800	3.54	10.31
09		AR12481	07/20/05	1817	3.55	10.31
10		AR12541	07/20/05	1834	3.56	10.31
11		AR21621	07/20/05	1851	3.54	10.31
12		AR32681	07/20/05	1908	3.54	10.31
13		AR166017	07/29/05	1300	3.55	10.31
14		AR12549	07/29/05	1317	3.56	10.31
15	IH28MBS1	IH28MBS1	07/29/05	1623	3.56	10.31
16	IH28LCSS1	IH28LCSS1	07/29/05	1641	3.56	10.31
17	SQ-1	IH28SRM	07/29/05	1658	3.56	10.31
18	AN-RI-SEDC-0	IH28A	07/29/05	1715	3.56	10.31
19	AN-RI-SEDC-0	IH28B	07/29/05	1732	3.56	10.31
20	AN-RI-SEDC-0	IH28C	07/29/05	1749	3.56	10.31
21	AN-RI-SEDC-0	IH28D	07/29/05	1806	3.56	10.31
22	AN-RI-SEDC-0	IH28E	07/29/05	1823	3.56	10.31
23	AN-RI-SEDC-0	IH28F	07/29/05	1840	3.56	10.32
24	AN-RI-SEDC-0	IH28FMS	07/29/05	1857	3.56	10.31
25	AN-RI-SEDC-0	IH28FMSD	07/29/05	1914	3.56	10.32
26	AN-RI-SEDC-0	IH28G	07/29/05	1931	3.56	10.31
27	AN-RI-SEDC-0	IH28H	07/29/05	1948	3.56	10.31
28	AN-RI-SEDC-0	IH28I	07/29/05	2005	3.56	10.31
29	AN-RI-SEDC-0	IH28J	07/29/05	2022	3.56	10.31
30	AN-RI-SEDC-0	IH28K	07/29/05	2039	3.56	10.31
31	AN-RI-SEDC-0	IH28L	07/29/05	2056	3.56	10.31
32	AN-RI-SEDC-0	IH28M	07/29/05	2113	3.56	10.31
33	AN-RI-SEDCZ-	IH28N	07/29/05	2130	3.56	10.31
34	AN-RI-SEDCZ-	IH28O	07/29/05	2147	3.56	10.31
35		AR12429	07/29/05	2221	3.57	10.32
36		AR166018	07/29/05	2238	3.56	10.32

RT LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

* Values outside of QC limits.

FORM 8
PCB ANALYTICAL SEQUENCE

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No.: IH28 Project: KC FORMER SCOTT MILL

GC Column: CLP-PEST Instrument ID: ECD5

Init. Calib. Date(s): 07/20/05

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 3.54 DCB: 10.31

	Client SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
37	IH29MBS1	IH29MBS1	07/29/05	2255	3.56	10.32
38	IH29LCSS1	IH29LCSS1	07/29/05	2312	3.56	10.32
39	SQ-1	IH29SRM	07/29/05	2329	3.57	10.31
40	AN-RI-SEDC-0	IH29A	07/29/05	2346	3.56	10.31
41	AN-RI-SEDC-0	IH29B	07/30/05	0003	3.56	10.32
42	AN-RI-SEDC-0	IH29C	07/30/05	0020	3.56	10.31
43	AN-RI-SEDC-0	IH29CMS	07/30/05	0037	3.56	10.31
44	AN-RI-SEDC-0	IH29CMSD	07/30/05	0054	3.56	10.32
45	AN-RI-SEDC-0	IH29D	07/30/05	0111	3.57	10.31
46	AN-RI-SEDC-0	IH29E	07/30/05	0128	3.56	10.31
47	AN-RI-SEDC-0	IH29F	07/30/05	0145	3.56	10.31
48	AN-RI-SEDC-0	IH29G	07/30/05	0202	3.56	10.31
49	AN-RI-SEDC-0	IH29H	07/30/05	0219	3.56	10.31
50	AN-RI-SEDC-0	IH29I	07/30/05	0236	3.57	10.32
51	AN-RI-SEDS-0	IH29J	07/30/05	0253	3.56	10.31
52	FILTER-WIPE-	IH29L	07/30/05	0310	3.57	10.32
53	FILTER-BLANK	IH29M	07/30/05	0327	3.56	10.32
54		AR12489	07/30/05	0418	3.56	10.32
55		AR166019	07/30/05	0435	3.57	10.32

RT LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

* Values outside of QC limits.

FORM 8
PCB ANALYTICAL SEQUENCE

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No.: IH28 Project: KC FORMER SCOTT MILL

GC Column: ZB35 Instrument ID: ECD5

Init. Calib. Date(s): 07/20/05

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.73 DCB: 12.28

	Client SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	ZZZZZ	ZZZZZ	07/20/05	1601	4.72	12.28
02		AR1660 0.5	07/20/05	1618	4.72	12.28
03		AR1660 .02	07/20/05	1635	4.72	12.27
04		AR1660 1.0	07/20/05	1652	4.72	12.27
05		AR1660 .25	07/20/05	1709	4.72	12.27
06		AR1660 0.1	07/20/05	1726	4.72	12.28
07	ZZZZZ	ZZZZZ	07/20/05	1743		12.28
08		AR12421	07/20/05	1800	4.73	12.27
09		AR12481	07/20/05	1817	4.73	12.28
10		AR12541	07/20/05	1834	4.74	12.28
11		AR21621	07/20/05	1851	4.73	12.28
12		AR32681	07/20/05	1908	4.73	12.28
13		AR166017	07/29/05	1300	4.74	12.28
14		AR12549	07/29/05	1317	4.74	12.28
15	IH28MBS1	IH28MBS1	07/29/05	1623	4.74	12.28
16	IH28LCSS1	IH28LCSS1	07/29/05	1641	4.74	12.28
17	SQ-1	IH28SRM	07/29/05	1658	4.74	12.28
18	AN-RI-SEDC-0	IH28A	07/29/05	1715	4.74	12.28
19	AN-RI-SEDC-0	IH28B	07/29/05	1732	4.74	12.28
20	AN-RI-SEDC-0	IH28C	07/29/05	1749	4.74	12.28
21	AN-RI-SEDC-0	IH28D	07/29/05	1806	4.74	12.28
22	AN-RI-SEDC-0	IH28E	07/29/05	1823	4.74	12.28
23	AN-RI-SEDC-0	IH28F	07/29/05	1840	4.74	12.28
24	AN-RI-SEDC-0	IH28FMS	07/29/05	1857	4.74	12.28
25	AN-RI-SEDC-0	IH28FMSD	07/29/05	1914	4.74	12.29
26	AN-RI-SEDC-0	IH28G	07/29/05	1931	4.74	12.28
27	AN-RI-SEDC-0	IH28H	07/29/05	1948	4.74	12.28
28	AN-RI-SEDC-0	IH28I	07/29/05	2005	4.74	12.28
29	AN-RI-SEDC-0	IH28J	07/29/05	2022	4.74	12.28
30	AN-RI-SEDC-0	IH28K	07/29/05	2039	4.74	12.28
31	AN-RI-SEDC-0	IH28L	07/29/05	2056	4.74	12.28
32	AN-RI-SEDC-0	IH28M	07/29/05	2113	4.74	12.28
33	AN-RI-SEDCZ-	IH28N	07/29/05	2130	4.74	12.28
34	AN-RI-SEDCZ-	IH28O	07/29/05	2147	4.74	12.28
35		AR12429	07/29/05	2221	4.74	12.28
36		AR166018	07/29/05	2238	4.74	12.29

RT LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

* Values outside of QC limits.

FORM 8
PCB ANALYTICAL SEQUENCE

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No.: IH28 Project: KC FORMER SCOTT MILL

GC Column: ZB35 Instrument ID: ECD5

Init. Calib. Date(s): 07/20/05

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.73 DCB: 12.28

	Client SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
37	IH29MBS1	IH29MBS1	07/29/05	2255	4.74	12.29
38	IH29LCSS1	IH29LCSS1	07/29/05	2312	4.74	12.28
39	SQ-1	IH29SRM	07/29/05	2329	4.75	12.28
40	AN-RI-SEDC-0	IH29A	07/29/05	2346	4.74	12.28
41	AN-RI-SEDC-0	IH29B	07/30/05	0003	4.74	12.28
42	AN-RI-SEDC-0	IH29C	07/30/05	0020	4.74	12.28
43	AN-RI-SEDC-0	IH29CMS	07/30/05	0037	4.74	12.28
44	AN-RI-SEDC-0	IH29CMSD	07/30/05	0054	4.74	12.29
45	AN-RI-SEDC-0	IH29D	07/30/05	0111	4.75	12.28
46	AN-RI-SEDC-0	IH29E	07/30/05	0128	4.74	12.28
47	AN-RI-SEDC-0	IH29F	07/30/05	0145	4.74	12.28
48	AN-RI-SEDC-0	IH29G	07/30/05	0202	4.74	12.28
49	AN-RI-SEDC-0	IH29H	07/30/05	0219	4.74	12.28
50	AN-RI-SEDC-0	IH29I	07/30/05	0236	4.75	12.28
51	AN-RI-SEDS-0	IH29J	07/30/05	0253	4.74	12.28
52	FILTER-WIPE-	IH29L	07/30/05	0310	4.75	12.28
53	FILTER-BLANK	IH29M	07/30/05	0327	4.74	12.28
54		AR12489	07/30/05	0418	4.74	12.29
55		AR166019	07/30/05	0435	4.74	12.29

RT LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

* Values outside of QC limits.

PCB Analysis
Sample Data

prepared
for

ANCHOR ENVIRONMENTAL

KC FORMER SCOTT MILL , 00010501/T2

ARI JOB NO. IH28

prepared
by

Analytical Resources, Inc.

Data Reporting Qualifiers

Effective 12/28/04

Inorganic Data

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

* Duplicate RPD is not within established control limits

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

N Matrix Spike recovery not within established control limits

NA Not Applicable, analyte not spiked

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

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

Organic Data

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

* Flagged value is not within established control limits

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

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

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

NR Spiked compound recovery is not reported due to chromatographic interference

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

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

NA The flagged analyte was not analyzed for

NS The flagged analyte was not spiked into the sample

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

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

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

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

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

Geotechnical Data

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

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

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

F Samples were frozen prior to particle size determination

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-RI-SEDC-08A
SAMPLE

Lab Sample ID: IH28A
LIMS ID: 05-11881
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/13/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/29/05 17:15
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: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.0
Percent Moisture: 61.4%

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

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	83.2%
Tetrachlorometaxylene	94.5%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B014.d
Data file 2: 20050720.b/0729-2.b/0729B014.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH28A
Client ID: AN-RI-SEDC-08A
Injection Date: 29-JUL-2005 17:15
Report Date: 08/02/2005 09:55
Matrix: SOIL
Dilution Factor: 1.000

CLP Col RT	CLP Col Shift	CLP Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.564	0.022	58274465	4.743	0.014	11413880	0.0378	0.0364	3.7	Tetrachloro-m-xylene
10.311	0.004	30556191	12.281	0.005	5149484	0.0329	0.0333	1.4	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	94.6	91.1
Decachlorobiphenyl	82.2	83.4

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	108848488	-13.5
Hexabromobiphenyl	62776174	58598585	-6.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	22987016	-2.8
Hexabromobiphenyl	10484374	10214388	-2.6

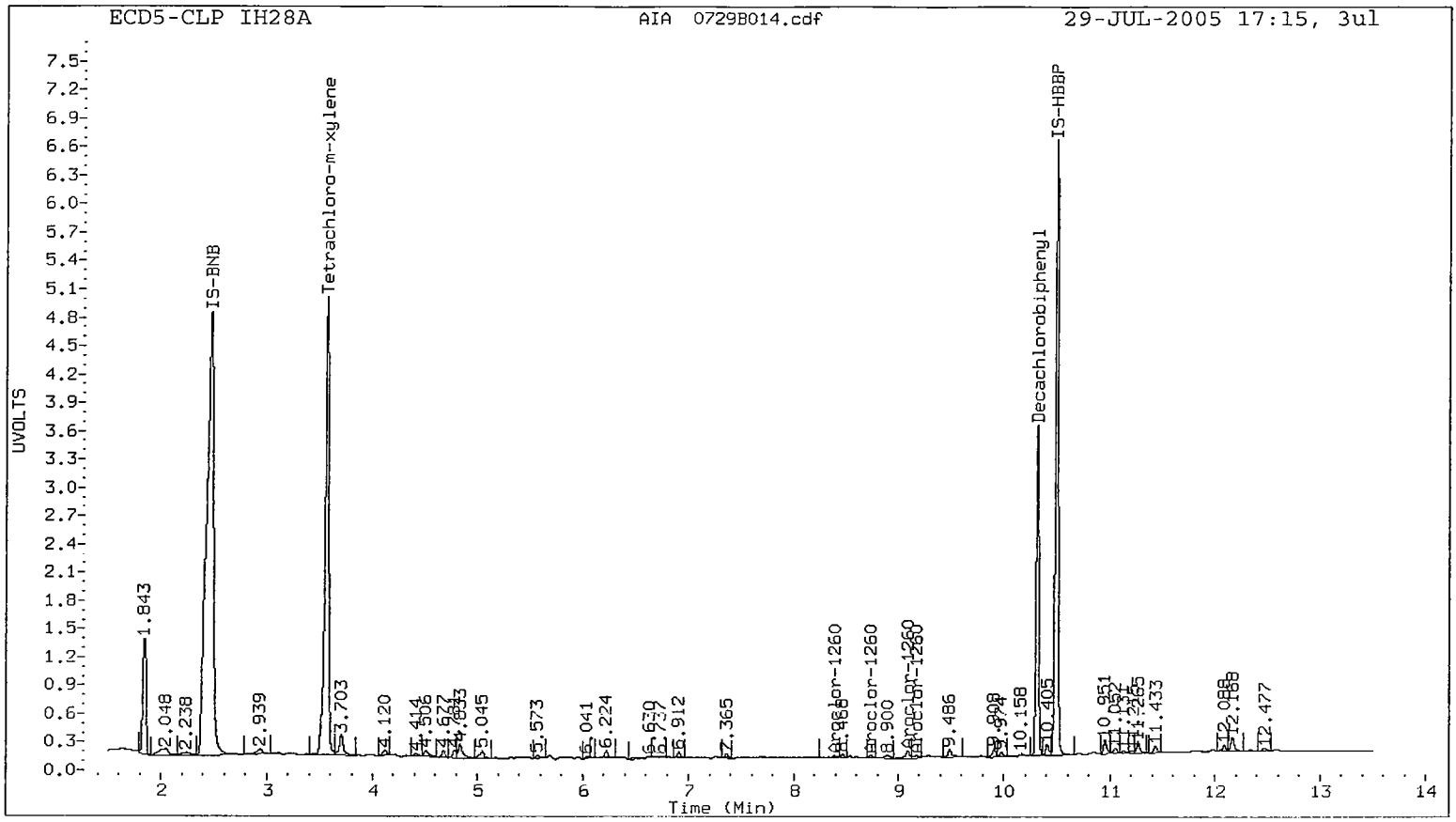
* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

	CLP Col				ZB35 Col			
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	8.388	-0.010	457299	0.009	2	---			0.000
Aroclor-1260	3	8.736	-0.017	356567	0.003	3	---			0.000
Aroclor-1260	4	9.089	0.009	1250705	0.015	4	---			0.000
Aroclor-1260	5	9.170	0.008	524601	0.019	5	---			0.000
	Total Col1Ave (4 peaks): 0.011					Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	---			0.000
Aroclor-1262	3	---			0.000	3	---			0.000
Aroclor-1262	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				

Total PCB Area Col1 (3.642 - 10.391) = 51779554 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 2868940 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.5ppm in ical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Decachlorobiphenyl
IS-HBBP
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3.703
4.120
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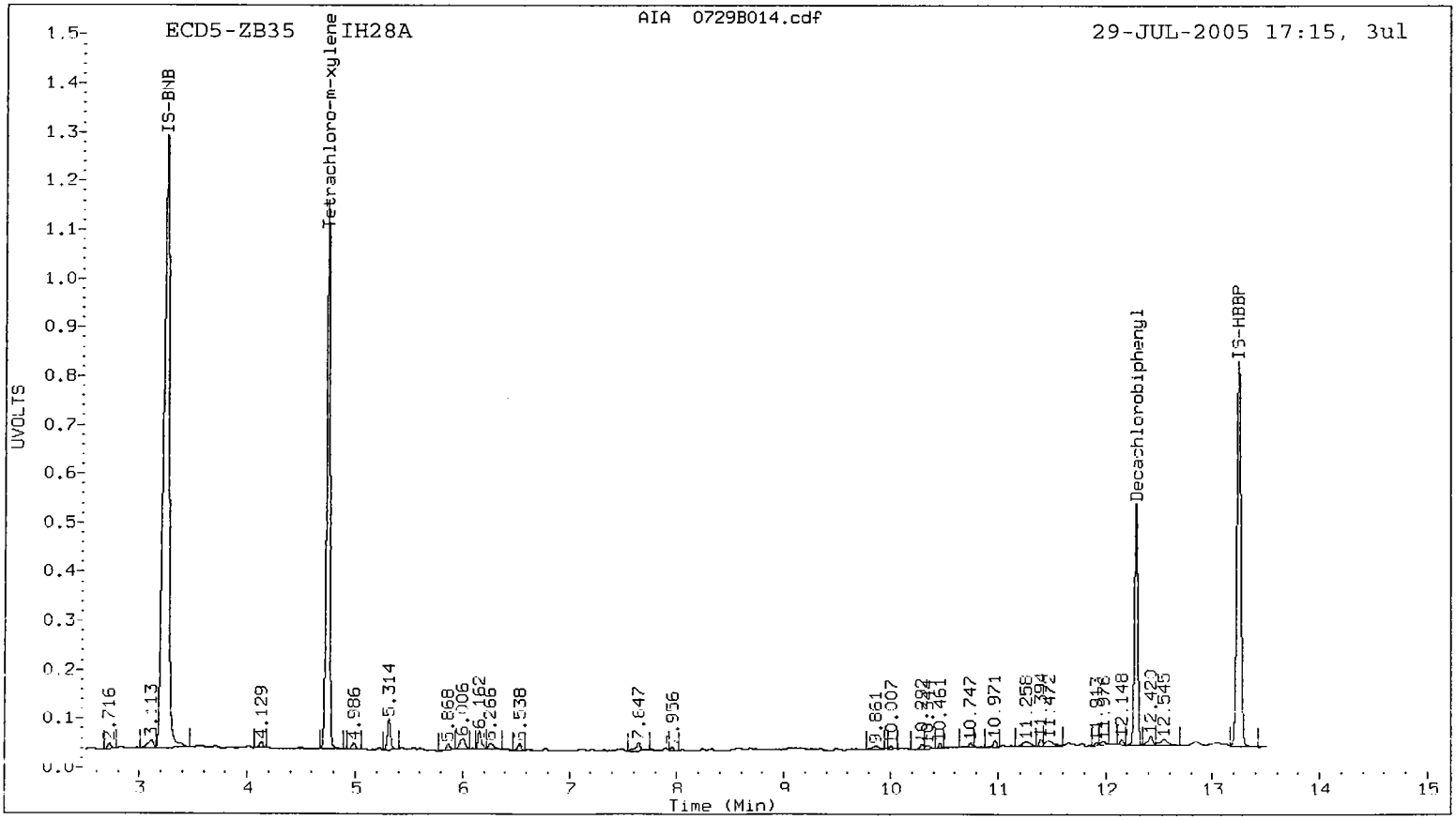
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Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
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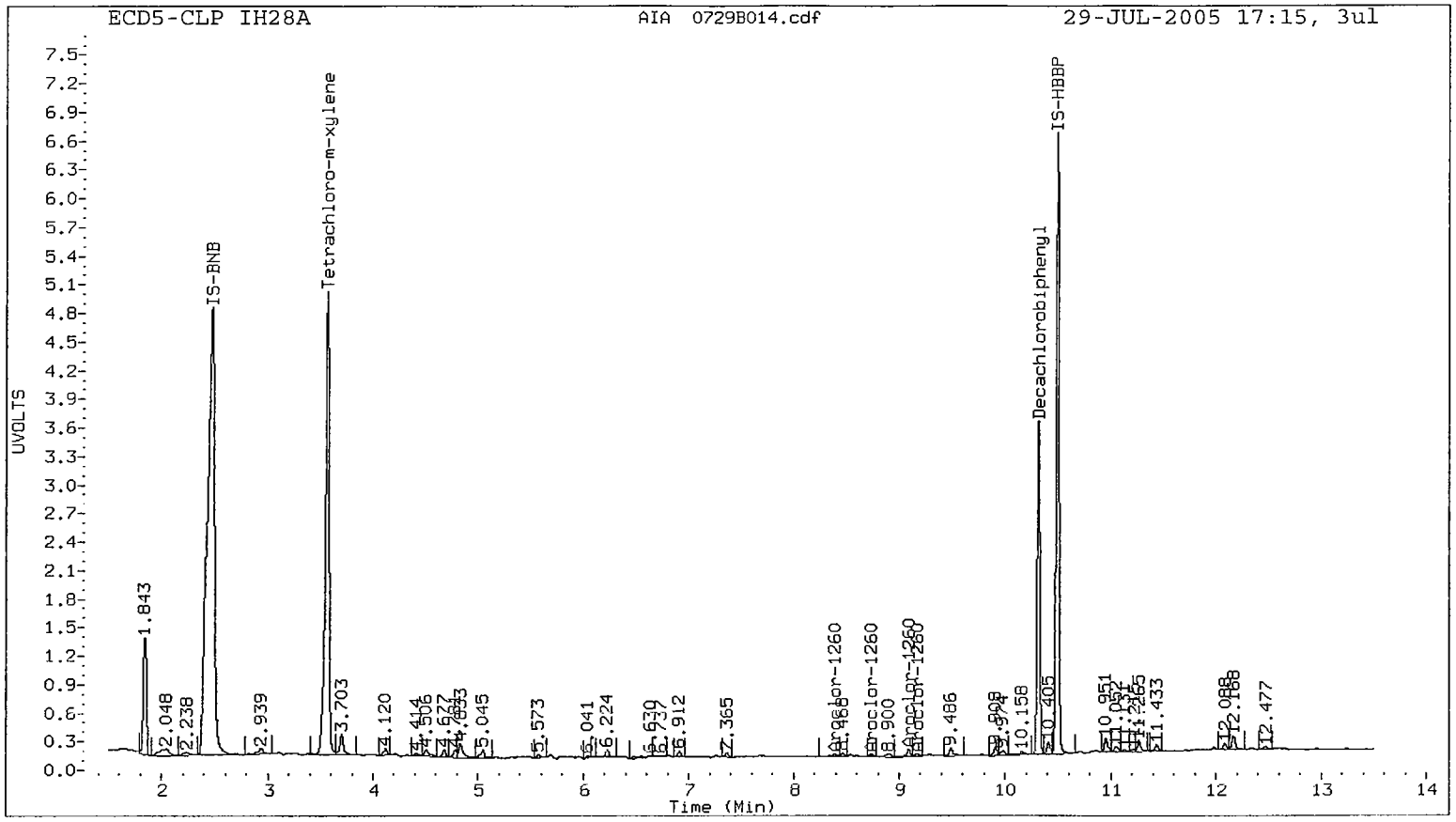
12.545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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
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2.238
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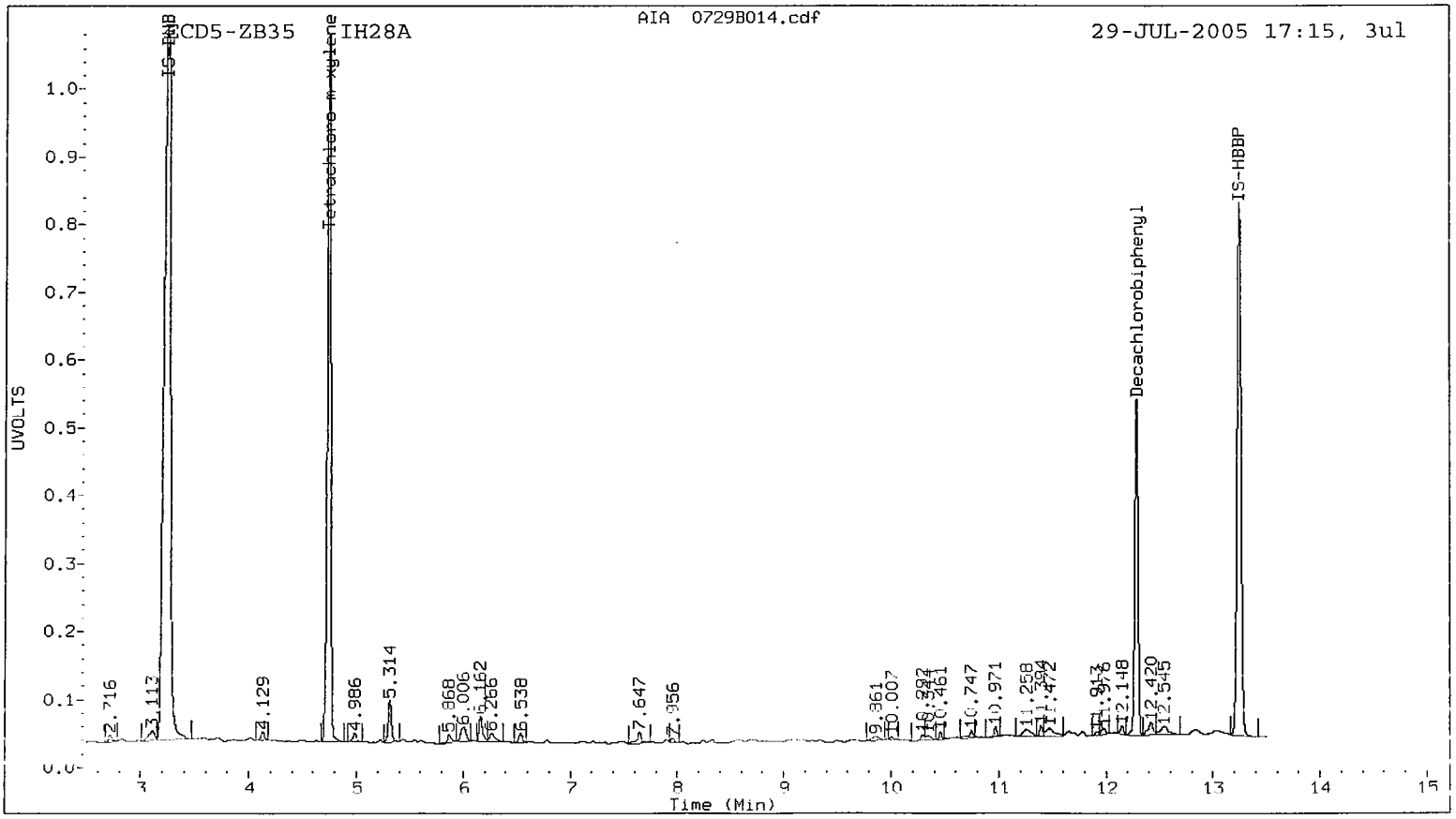
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Time (Min)
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Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
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10.747
10.971
12.148
12.420
12.545

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-RI-SEDC-08B
SAMPLE

Lab Sample ID: IH28B
LIMS ID: 05-11882
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/13/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/29/05 17:32
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: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.2
Percent Moisture: 48.4%

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

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	90.5%
Tetrachlorometaxylene	105%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B015.d
Data file 2: 20050720.b/0729-2.b/0729B015.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH28B
Client ID: AN-RI-SEDC-08B
Injection Date: 29-JUL-2005 17:32
Report Date: 08/02/2005 09:55
Matrix: SOIL
Dilution Factor: 1.000

CLP Col RT	CLP Col Shift	CLP Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.563	0.021	64091462	4.742	0.014	11951553	0.0421	0.0401	4.9	Tetrachloro-m-xylene
10.310	0.003	36696871	12.279	0.004	5747941	0.0356	0.0362	1.4	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	105.3	100.3
Decachlorobiphenyl	89.1	90.4

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	107543859	-14.5
Hexabromobiphenyl	62776174	64963669	3.5

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	21867238	-7.5
Hexabromobiphenyl	10484374	10515105	0.3

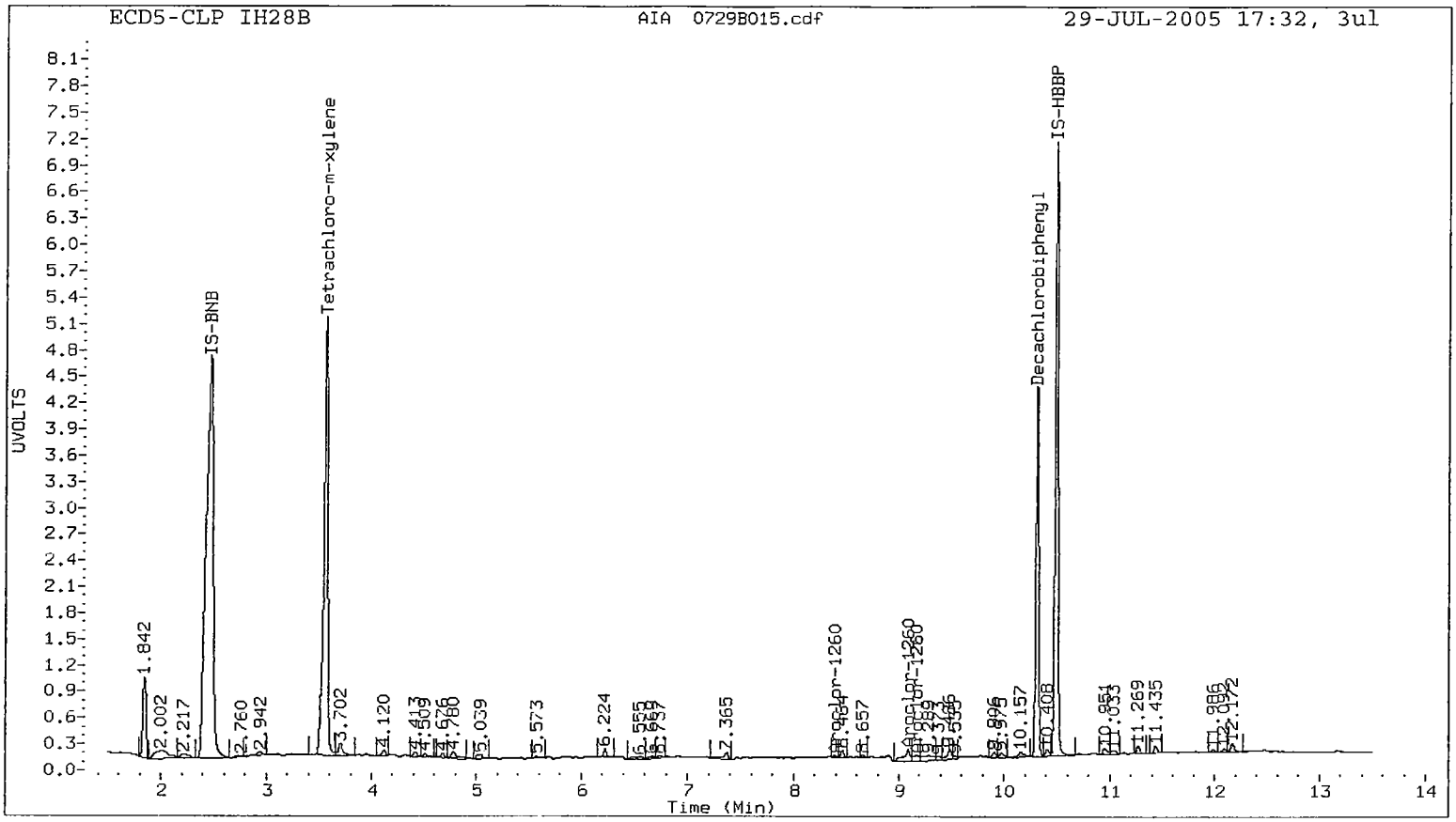
* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

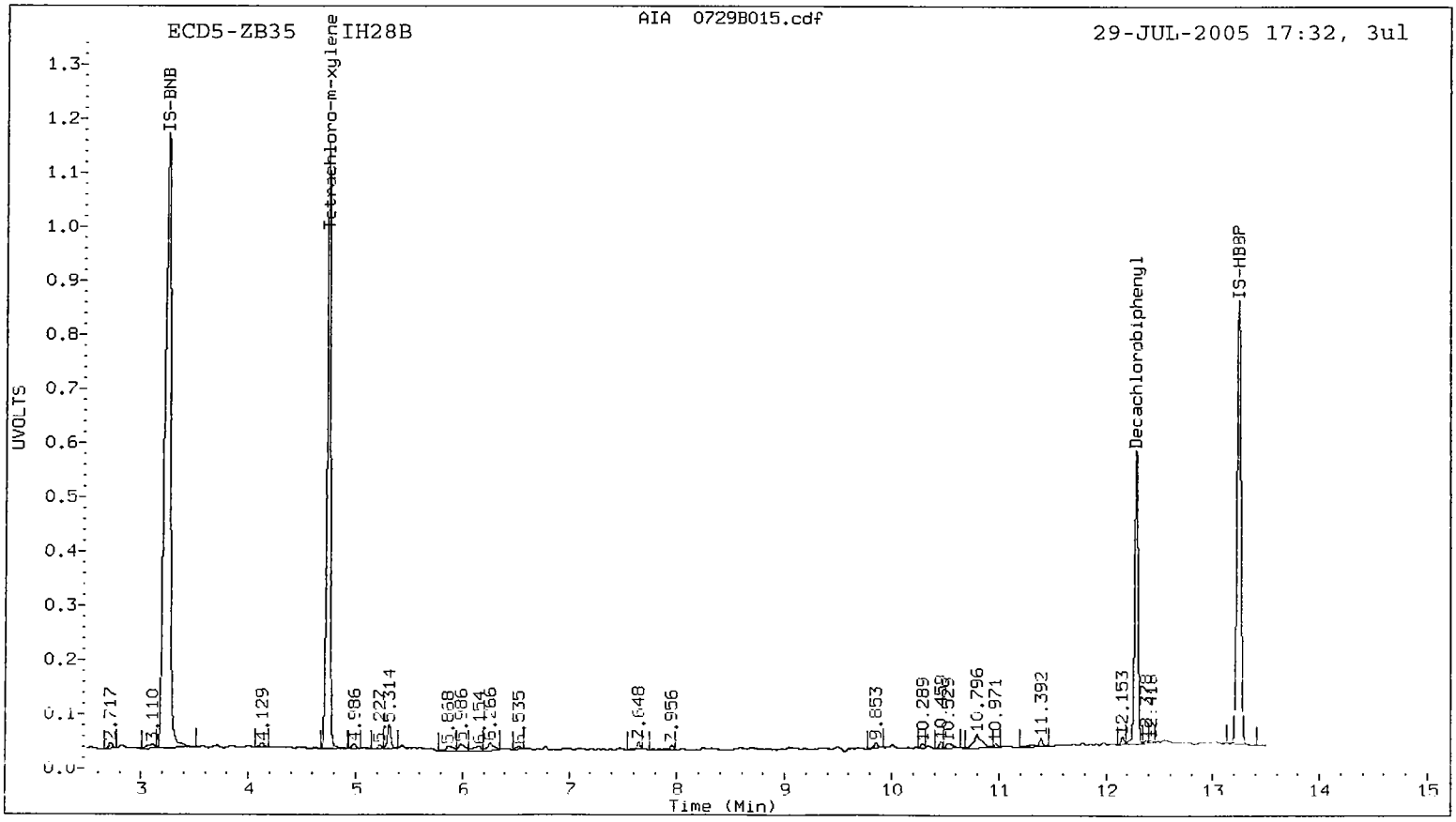
	CLP Col				ZB35 Col			
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	8.388	-0.010	309043	0.005	2	---			0.000
Aroclor-1260	3	---			0.000	3	---			0.000
Aroclor-1260	4	9.089	0.009	2823746	0.030	4	---			0.000
Aroclor-1260	5	9.171	0.009	1211447	0.039	5	---			0.000
	Total Col1Ave (3 peaks): 0.025					Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	---			0.000
Aroclor-1262	3	---			0.000	3	---			0.000
Aroclor-1262	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				

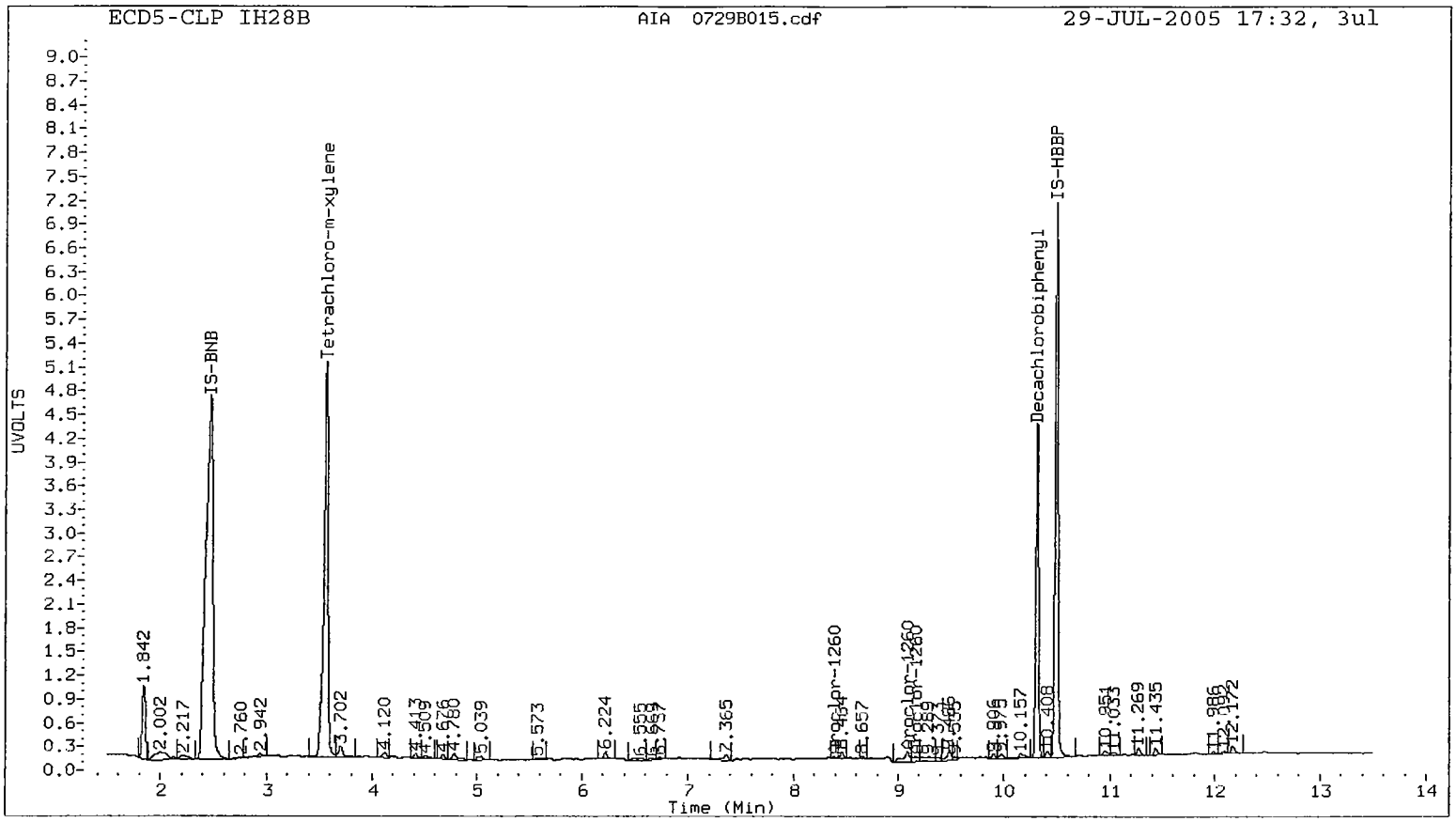
Total PCB Area Col1 (3.642 - 10.391) = 61770503 Col1 Total PCB = 0.1 ppm*

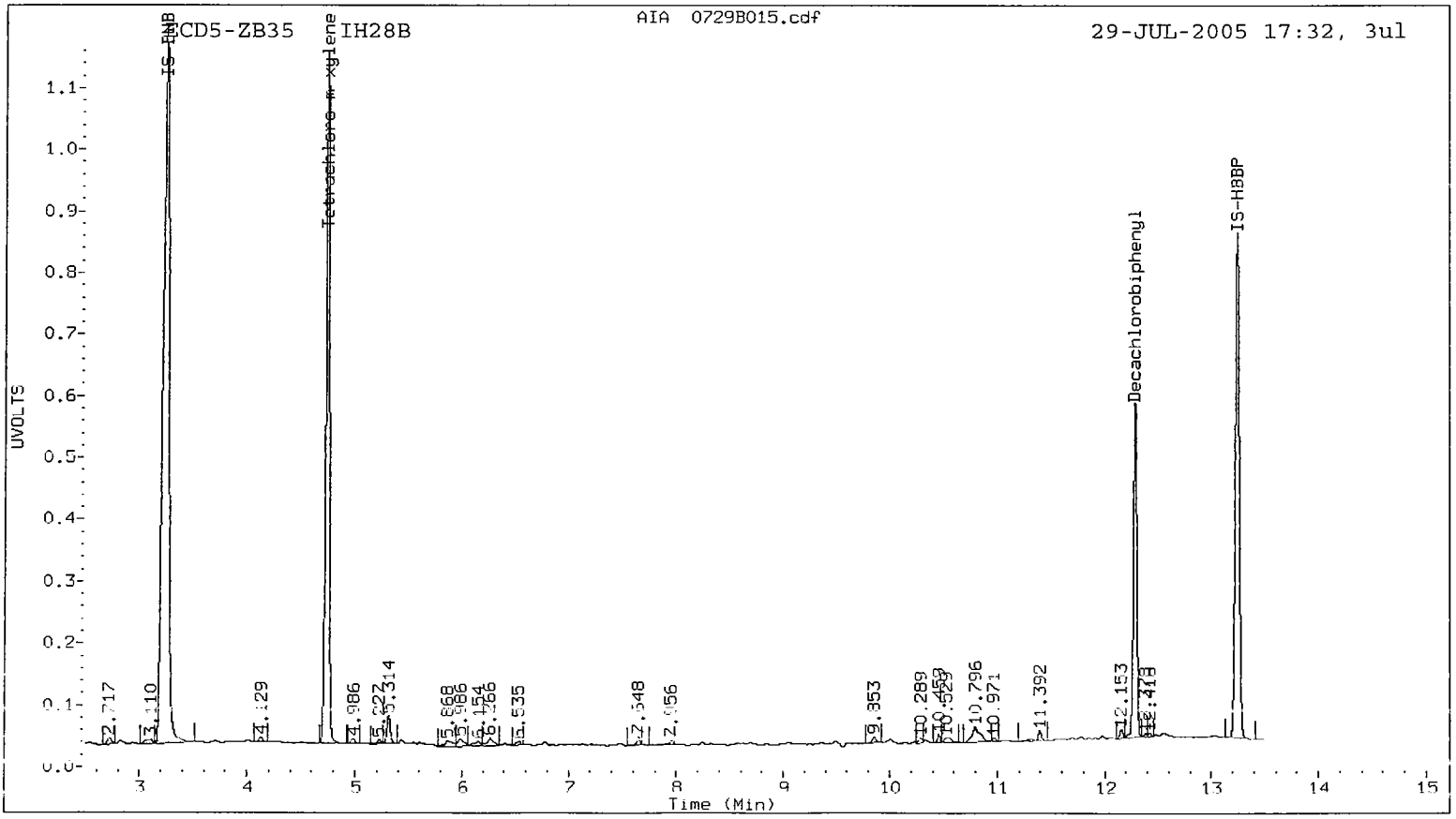
Total PCB Area Col2 (4.829 - 10.391) = 2287837 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.5ppm in ical


ECD5-CLP IH28B
AIA 0729B015.cdf
29-JUL-2005 17:32, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
1.842
2.002
2.217
2.760
2.942
3.702
4.120
5.039
5.573
6.224
7.365
8.657
10.157
10.408
11.269
11.435


ECD5-ZB35 IH28B
AIA 0729B015.cdf
29-JUL-2005 17:32, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
2.717
3.110
4.129
5.314
5.535
7.648
7.956
9.853
10.796
10.971
11.392
12.153


ECD5-CLP IH28B
AIA 0729B015.cdf
29-JUL-2005 17:32, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP


ECD5-ZB35 IH28B
AIA 0729B015.cdf
29-JUL-2005 17:32, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-RI-SEDC-08C
SAMPLE

Lab Sample ID: IH28C
LIMS ID: 05-11883
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/13/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/29/05 17:49
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: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.8
Percent Moisture: 31.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	19	< 20 U
53469-21-9	Aroclor 1242	19	< 20 U
12672-29-6	Aroclor 1248	19	< 20 U
11097-69-1	Aroclor 1254	19	< 20 U
11096-82-5	Aroclor 1260	19	< 20 U
11104-28-2	Aroclor 1221	19	< 20 U
11141-16-5	Aroclor 1232	19	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	92.2%
Tetrachlorometaxylene	91.2%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B016.d
Data file 2: 20050720.b/0729-2.b/0729B016.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH28C
Client ID: AN-RI-SEDC-08C
Injection Date: 29-JUL-2005 17:49
Report Date: 08/02/2005 09:55
Matrix: SOIL
Dilution Factor: 1.000

CLP Col RT	CLP Col Shift	CLP Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.563	0.021	71993736	4.742	0.014	13273857	0.0356	0.0365	2.5	Tetrachloro-m-xylene
10.312	0.005	42414491	12.281	0.006	5749003	0.0369	0.0355	3.7	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	88.9	91.2
Decachlorobiphenyl	92.2	88.8

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	143002754	13.7
Hexabromobiphenyl	62776174	72570879	15.6

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	26711574	13.0
Hexabromobiphenyl	10484374	10702908	2.1

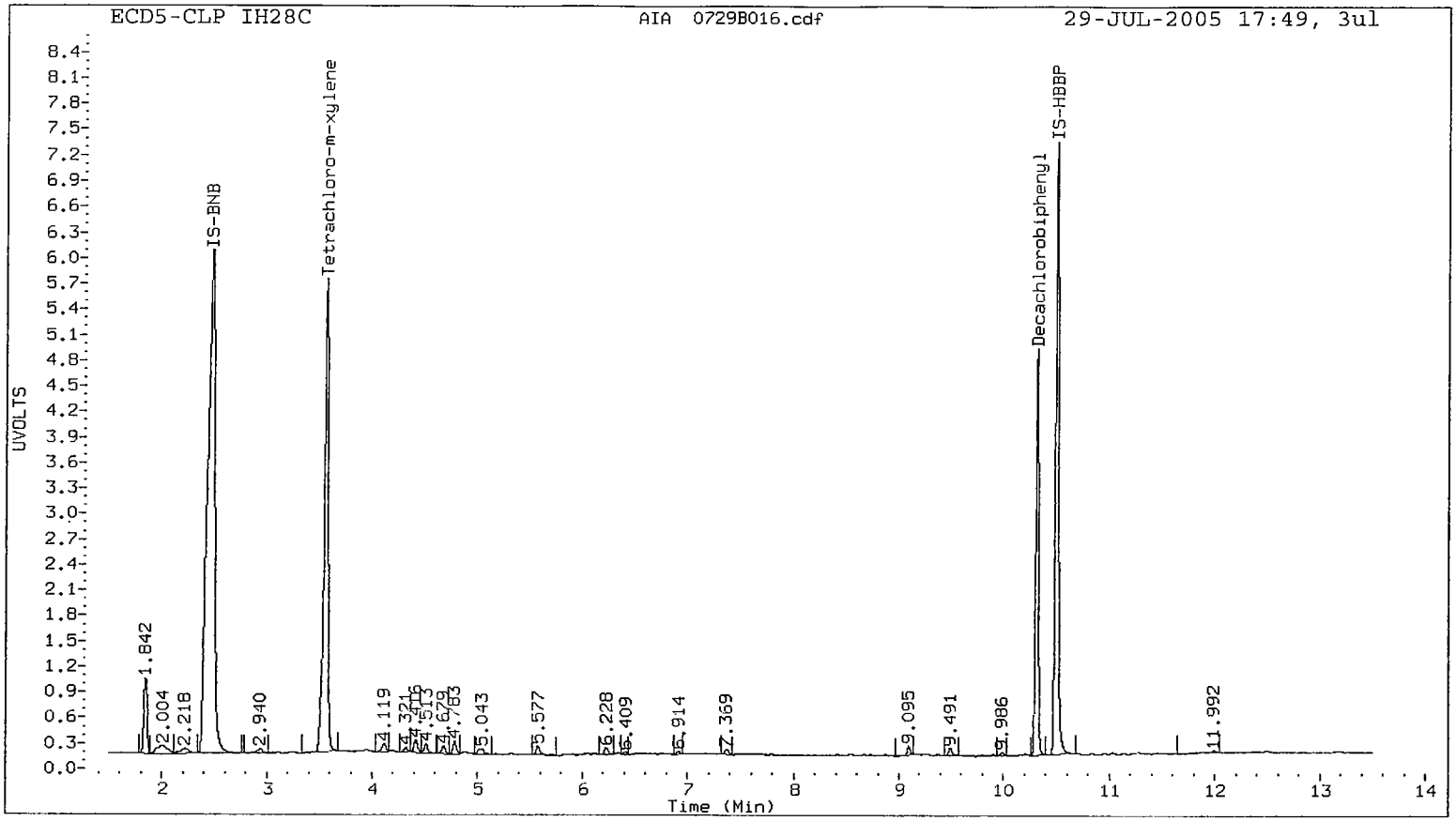
* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

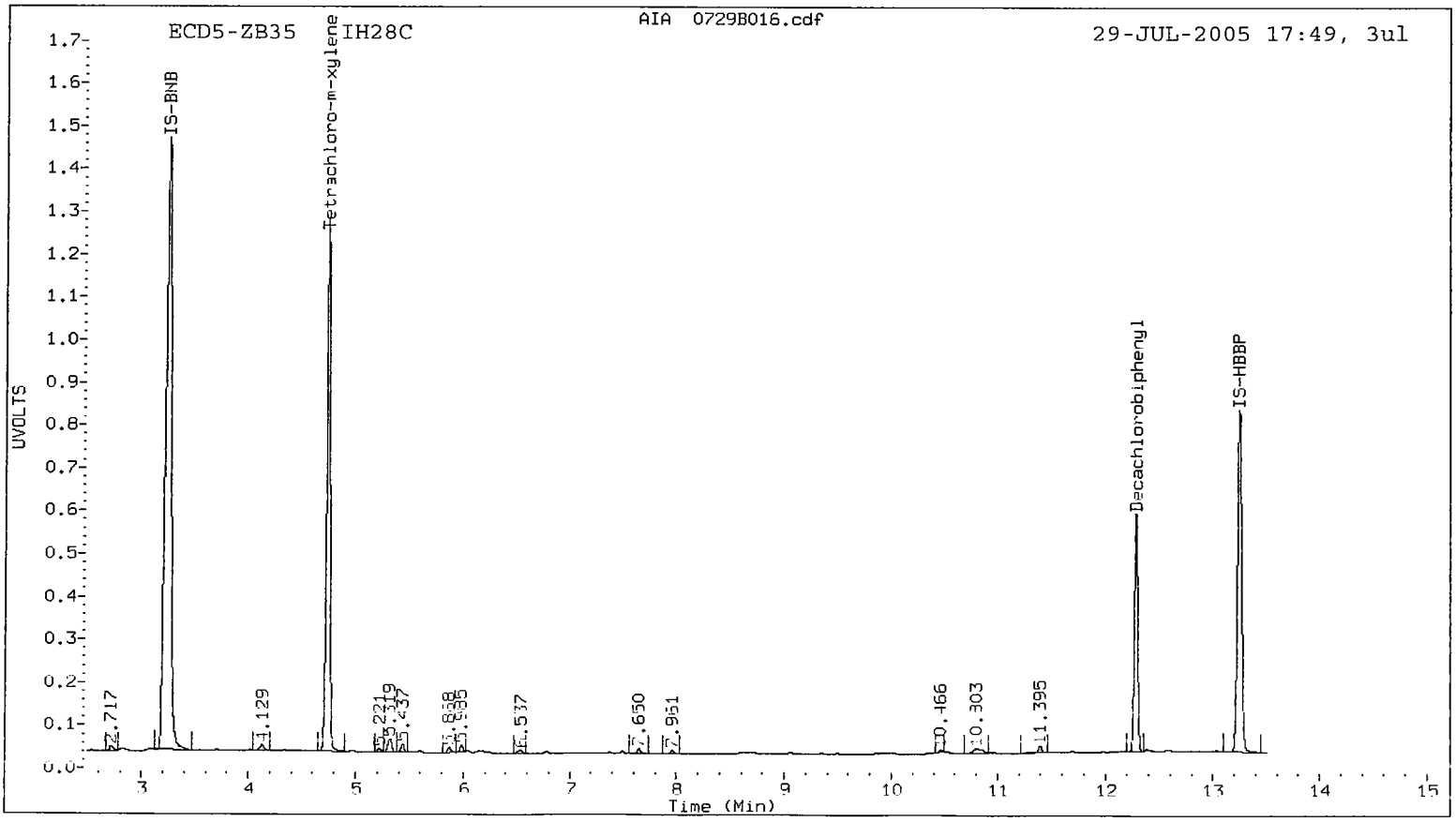
Aroclor	Peak#	RT	CLP Col Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	---			0.000	2	---			0.000
Aroclor-1260	3	---			0.000	3	---			0.000
Aroclor-1260	4	---			0.000	4	---			0.000
Aroclor-1260	5	---			0.000	5	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	---			0.000
Aroclor-1262	3	---			0.000	3	---			0.000
Aroclor-1262	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				

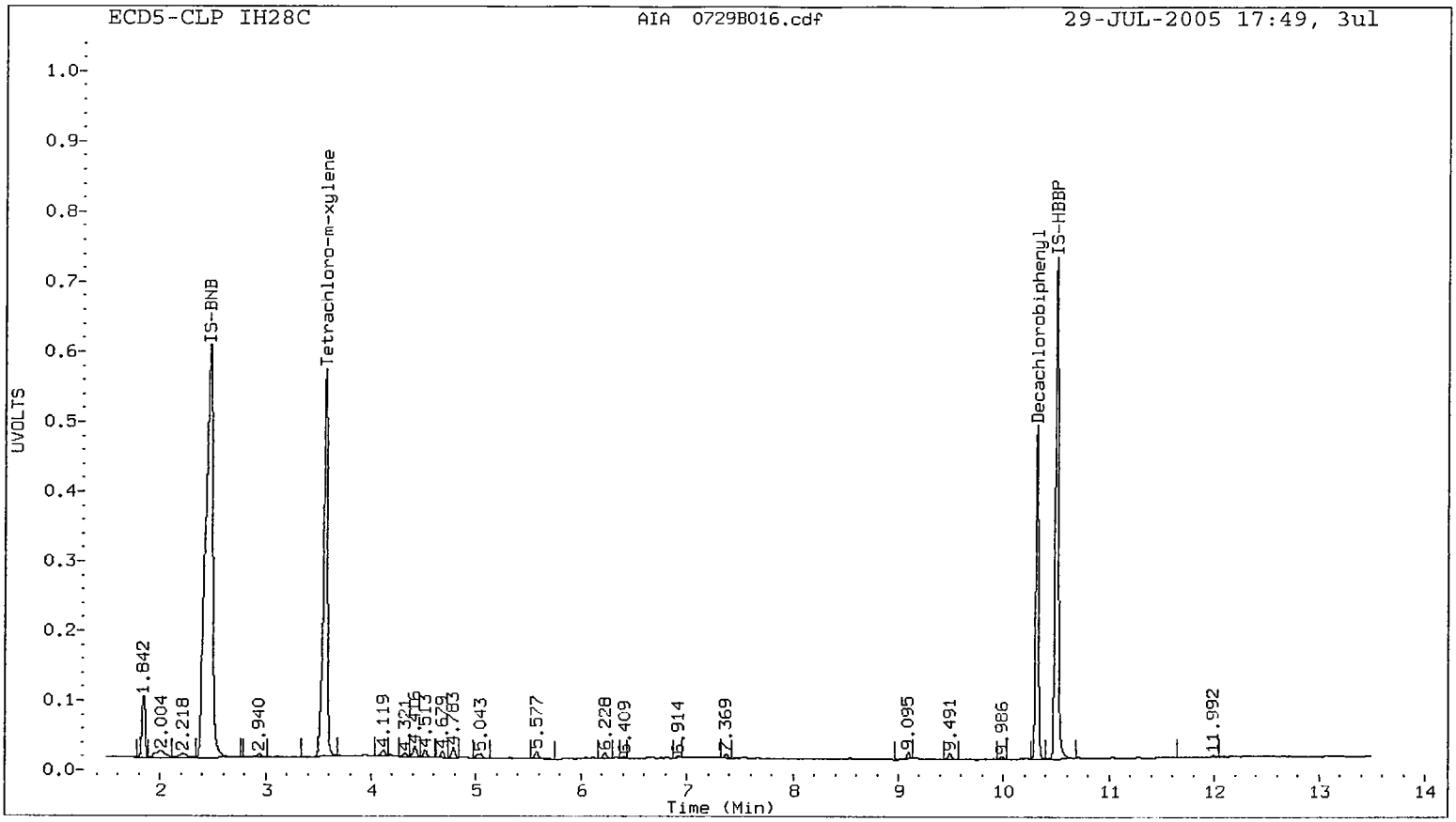
Total PCB Area Col1 (3.642 - 10.391) = 58115141 Col1 Total PCB = 0.1 ppm*

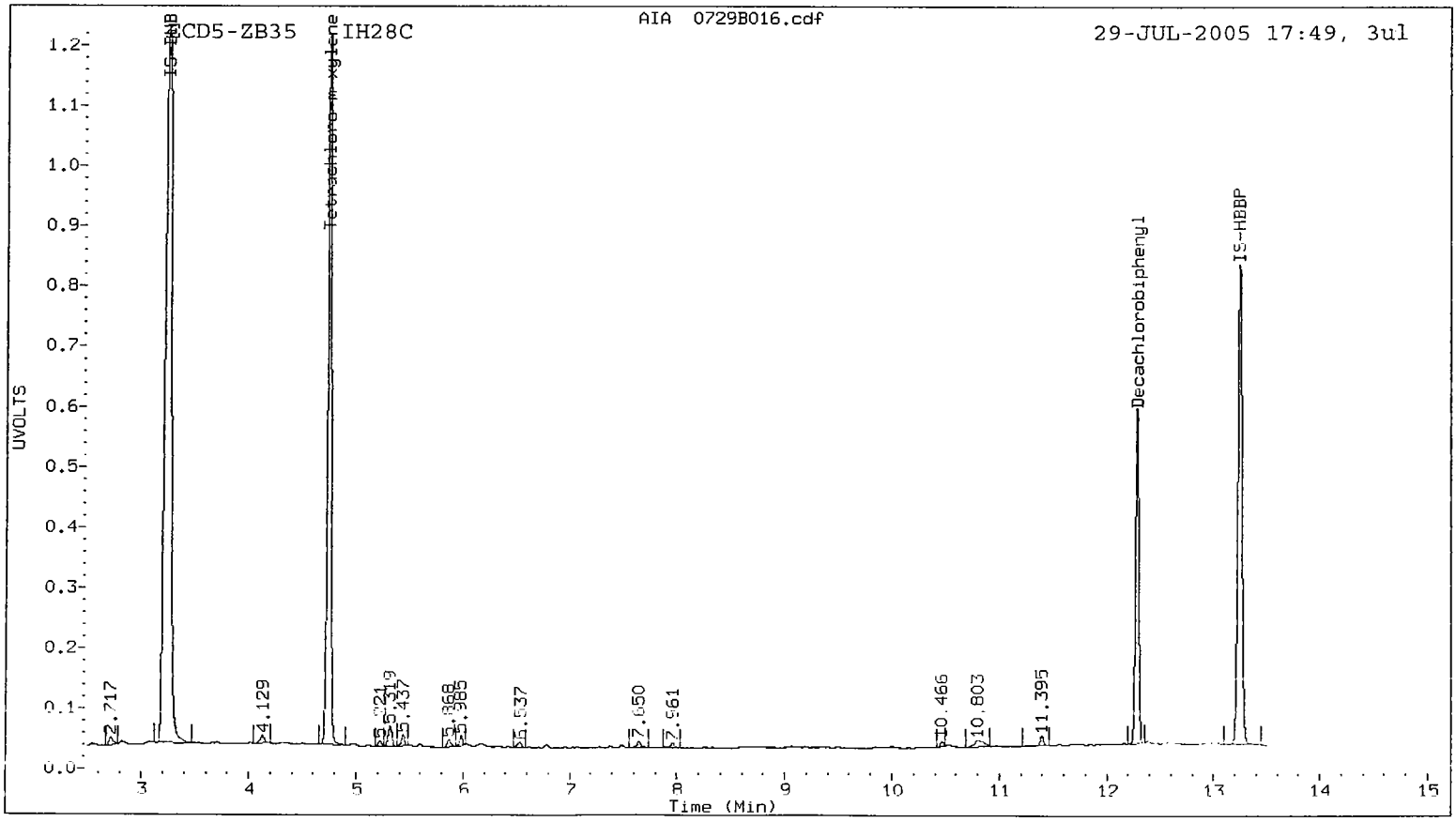
Total PCB Area Col2 (4.829 - 10.391) = 1337111 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.5ppm in ical


ECD5-CLP IH28C
AIA 0729B016.cdf
29-JUL-2005 17:49, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
1.842
2.004
2.218
2.940
4.119
5.043
5.577
6.228
6.409
6.914
7.369
9.095
9.491
9.986
11.992


ECD5-ZB35 IH28C
AIA 0729B016.cdf
29-JUL-2005 17:49, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
2.717
4.129
5.537
7.650
7.951
10.466
10.303
11.395


ECD5-CLP IH28C
AIA 0729B016.cdf
29-JUL-2005 17:49, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
1.842
2.004
2.218
2.940
4.119
5.043
5.577
6.228
6.409
6.914
7.369
9.095
9.491
9.986
11.992


ECD5-ZB35 IH28C
AIA 0729B016.cdf
29-JUL-2005 17:49, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
2.717
4.129
5.537
7.650
7.961
10.466
10.803
11.395

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-RI-SEDC-09A
SAMPLE

Lab Sample ID: IH28D
LIMS ID: 05-11884
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/13/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/29/05 18:06
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: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.3
Percent Moisture: 33.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	19	< 19 U
53469-21-9	Aroclor 1242	19	< 19 U
12672-29-6	Aroclor 1248	19	< 19 U
11097-69-1	Aroclor 1254	19	< 19 U
11096-82-5	Aroclor 1260	19	< 19 U
11104-28-2	Aroclor 1221	19	< 19 U
11141-16-5	Aroclor 1232	19	< 19 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	90.2%
Tetrachlorometaxylene	86.8%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B017.d
Data file 2: 20050720.b/0729-2.b/0729B017.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH28D
Client ID: AN-RI-SEDC-09A
Injection Date: 29-JUL-2005 18:06
Report Date: 08/02/2005 09:55
Matrix: SOIL
Dilution Factor: 1.000

CLP Col RT	CLP Col Shift	CLP Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.562	0.020	68857206	4.742	0.013	12754875	0.0339	0.0347	2.4	Tetrachloro-m-xylene
10.311	0.004	42344232	12.280	0.005	5871350	0.0361	0.0344	4.9	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	84.6	86.7
Decachlorobiphenyl	90.3	85.9

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	143726096	14.3
Hexabromobiphenyl	62776174	73997773	17.9

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	26985373	14.1
Hexabromobiphenyl	10484374	11299557	7.8

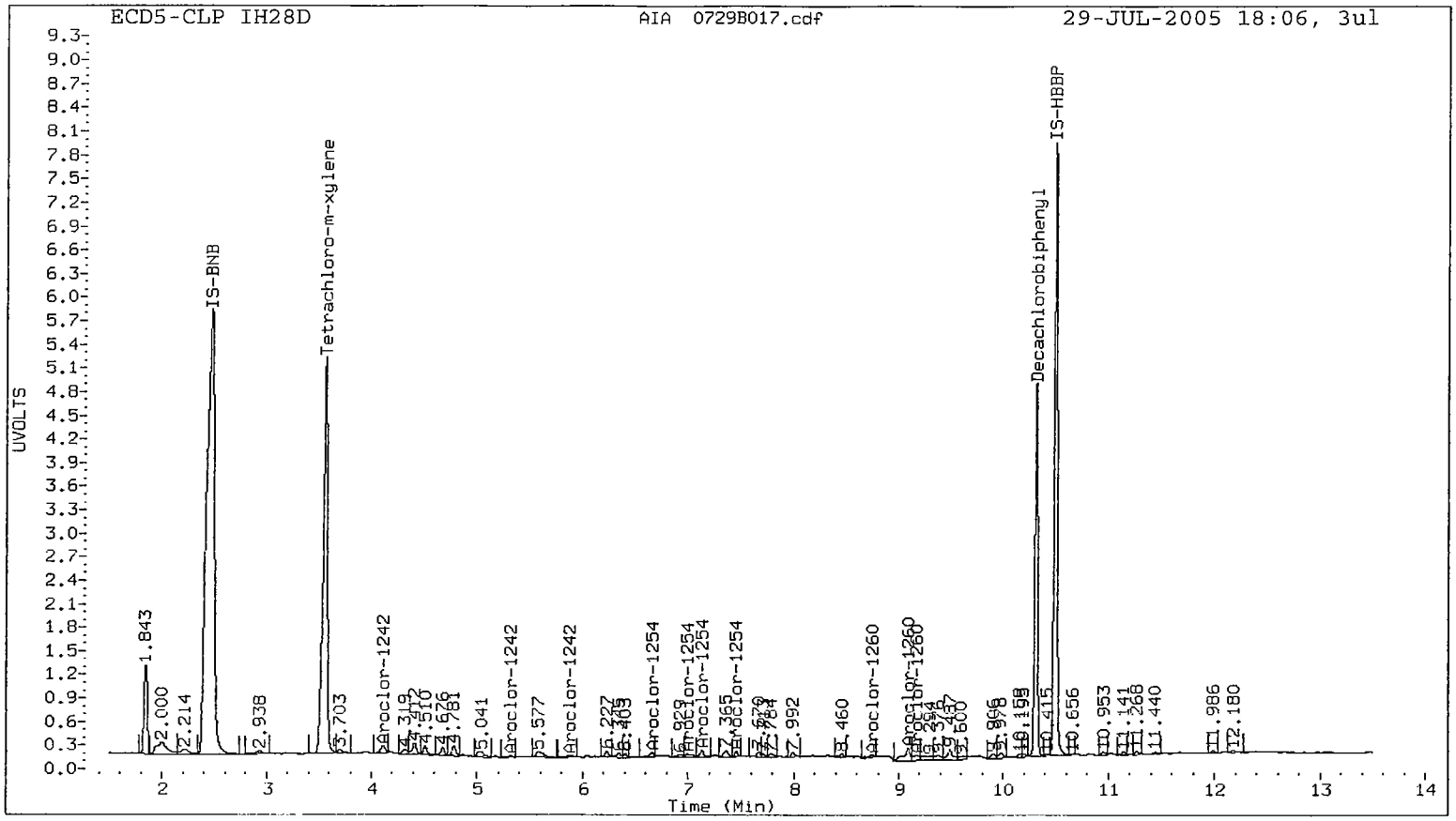
* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

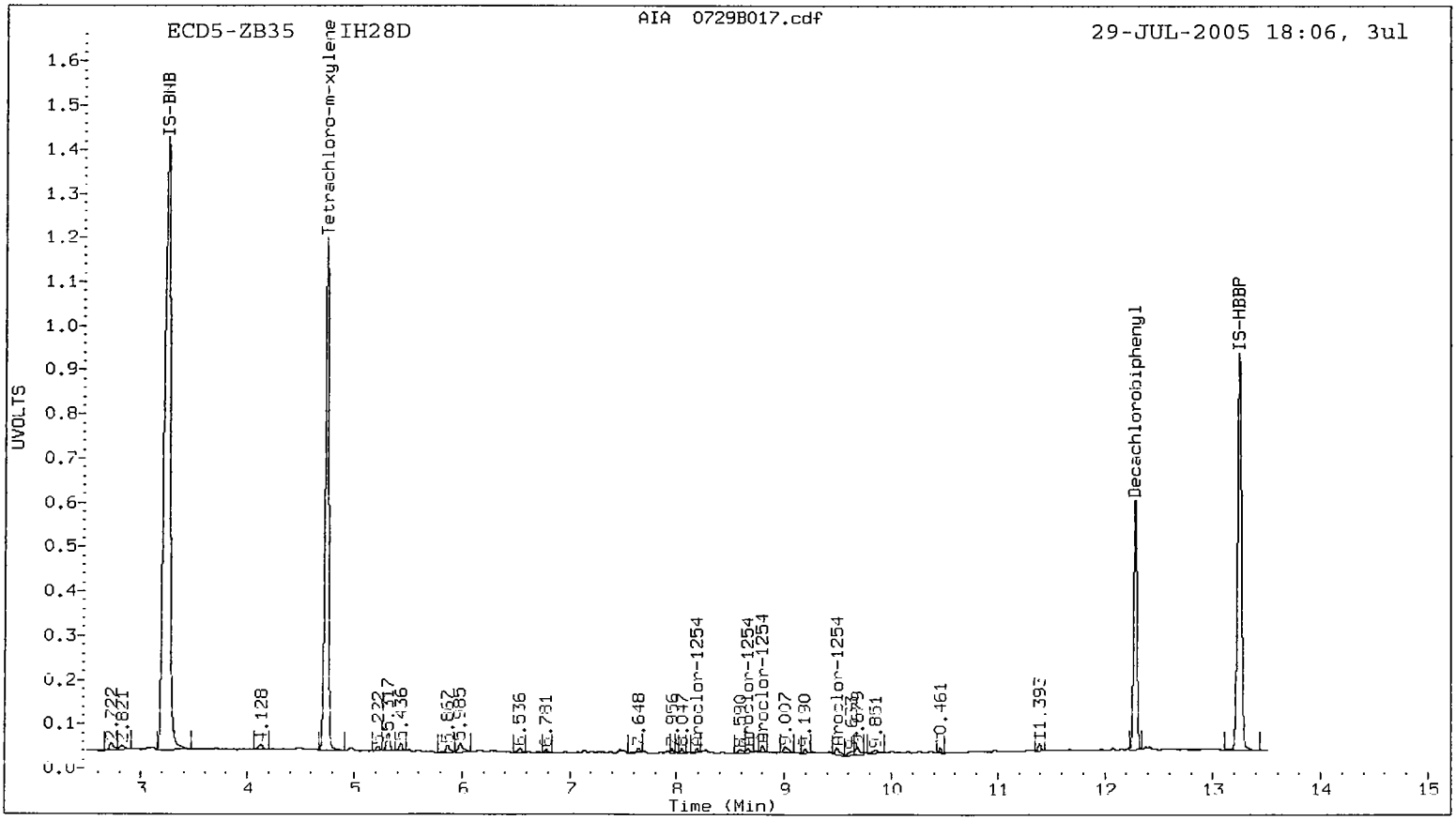
Aroclor	Peak#	RT	CLP Col Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	4.115	0.036	1551114	0.054	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	5.316	-0.043	485902	0.010	3	---			0.000
Aroclor-1242	4	5.881	0.007	446366	0.010	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
	Total Col1Ave (3 peaks): 0.025					Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	6.661	0.005	914946	0.009	1	8.190	0.004	83828	0.007
Aroclor-1254	2	6.993	0.009	935906	0.018	2	8.663	0.003	110789	0.013
Aroclor-1254	3	7.132	0.003	1295663	0.012	3	8.798	0.004	129595	0.008
Aroclor-1254	4	7.460	0.004	639183	0.008	4	9.489	0.005	238906	0.024
	Total Col1Ave (4 peaks): 0.012					Total Col2Ave (4 peaks): 0.013			RPD = 10	
	Corrected Ave (4 peaks): 0.012					Corrected Ave (3 peaks): 0.009			RPD = 24	
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	---			0.000	2	---			0.000
Aroclor-1260	3	8.753	0.000	537266	0.004	3	---			0.000
Aroclor-1260	4	9.089	0.009	3524873	0.033	4	---			0.000
Aroclor-1260	5	9.171	0.009	1494893	0.042	5	---			0.000
	Total Col1Ave (3 peaks): 0.026					Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	---			0.000
Aroclor-1262	3	---			0.000	3	---			0.000
Aroclor-1262	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				

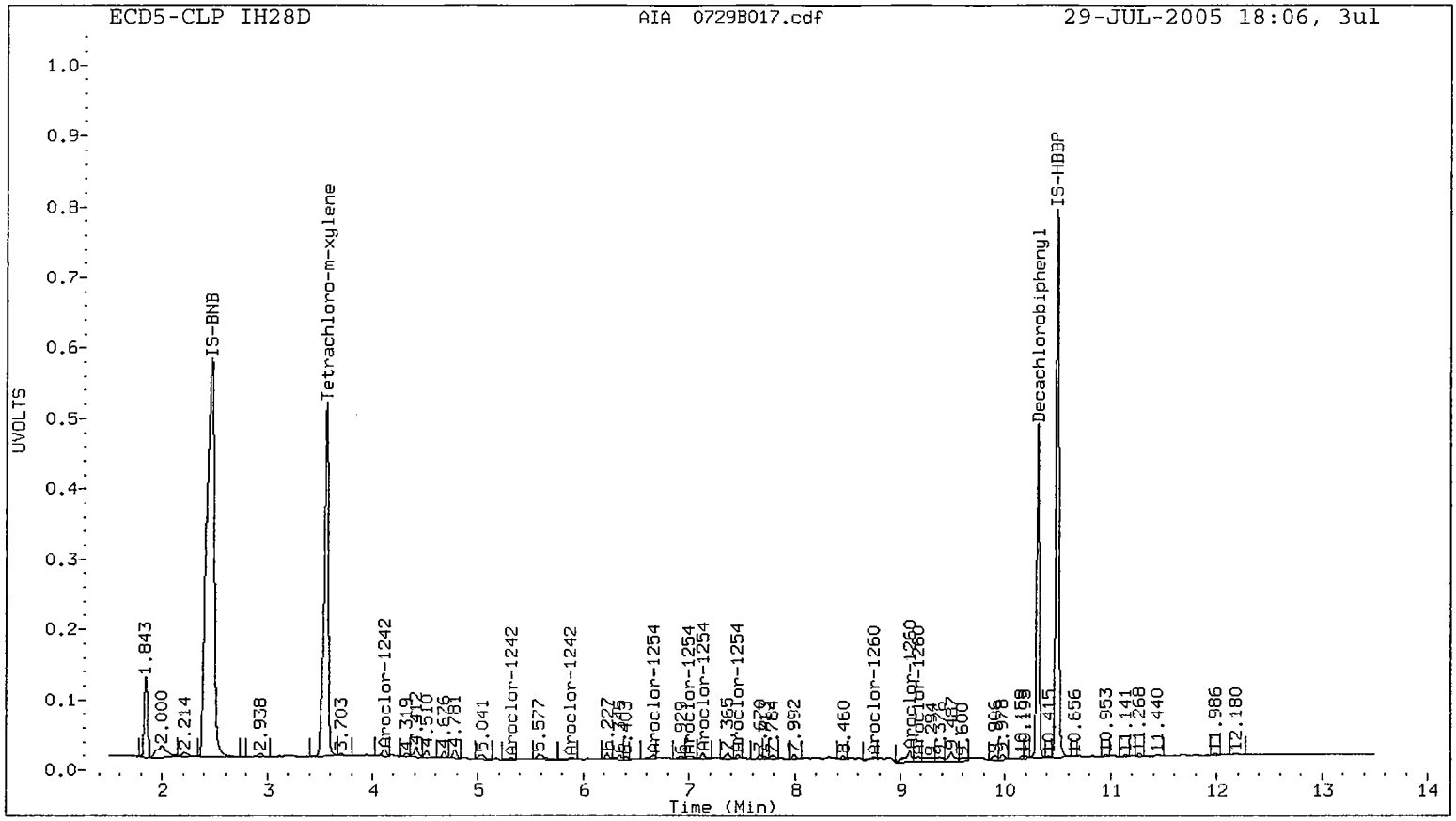
Total PCB Area Col1 (3.642 - 10.391) = 83480943 Col1 Total PCB = 0.1 ppm*

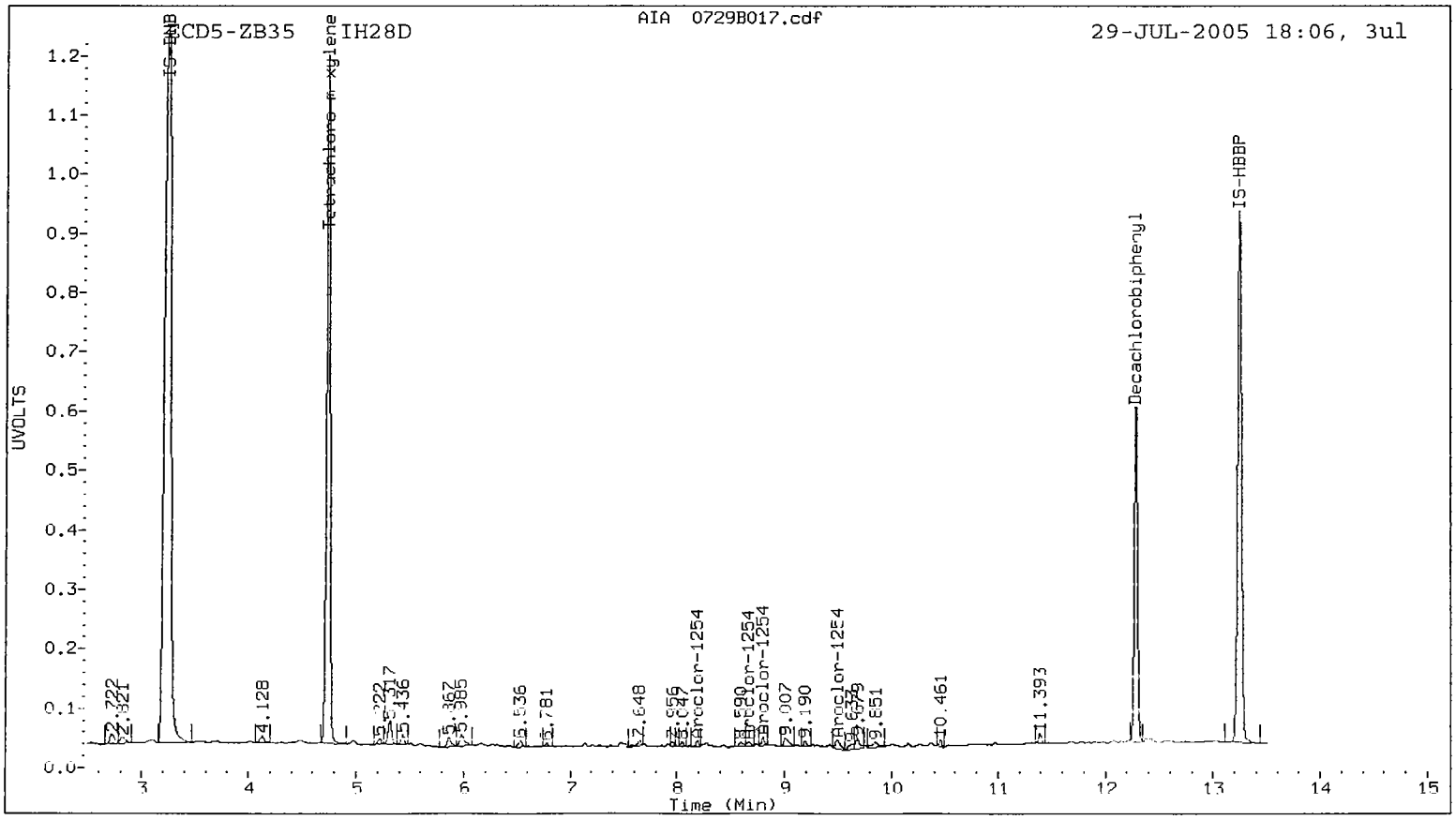
Total PCB Area Col2 (4.829 - 10.391) = 3297582 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.5ppm in Ical


ECD5-CLP IH28D
AIA 0729B017.cdf
29-JUL-2005 18:06, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
Aroclor-1242
Aroclor-1254
Aroclor-1260


ECD5-ZB35 IH28D
AIA 0729B017.cdf
29-JUL-2005 18:06, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
Aroclor-1254


ECD5-CLP IH28D
AIA 0729B017.cdf
29-JUL-2005 18:06, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
1.843
2.000
2.214
2.938
3.703
Aroclor-1242
Aroclor-1254
Aroclor-1260
10.656
10.953
11.440
11.986
12.180


ECD5-ZB35 IH28D
AIA 0729B017.cdf
29-JUL-2005 18:06, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
4.128
Aroclor-1254
Aroclor-1260
10.461
11.393

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-RI-SEDC-09B
SAMPLE

Lab Sample ID: IH28E
LIMS ID: 05-11885
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/13/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/29/05 18:23
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: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.8
Percent Moisture: 25.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	19	< 19 U
53469-21-9	Aroclor 1242	19	< 19 U
12672-29-6	Aroclor 1248	19	< 19 U
11097-69-1	Aroclor 1254	19	< 19 U
11096-82-5	Aroclor 1260	19	< 19 U
11104-28-2	Aroclor 1221	19	< 19 U
11141-16-5	Aroclor 1232	19	< 19 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	96.8%
Tetrachlorometaxylene	91.5%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B018.d
Data file 2: 20050720.b/0729-2.b/0729B018.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH28E
Client ID: AN-RI-SEDC-09B
Injection Date: 29-JUL-2005 18:23
Report Date: 08/02/2005 09:55
Matrix: SOIL
Dilution Factor: 1.000

CLP Col RT	CLP Col Shift	CLP Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.558	0.017	71597996	4.740	0.011	13066268	0.0356	0.0366	2.7	Tetrachloro-m-xylene
10.312	0.005	45152062	12.282	0.007	5943349	0.0387	0.0373	3.6	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	89.1	91.5
Decachlorobiphenyl	96.7	93.3

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	142044045	12.9
Hexabromobiphenyl	62776174	73647242	17.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	26205102	10.8
Hexabromobiphenyl	10484374	10533613	0.5

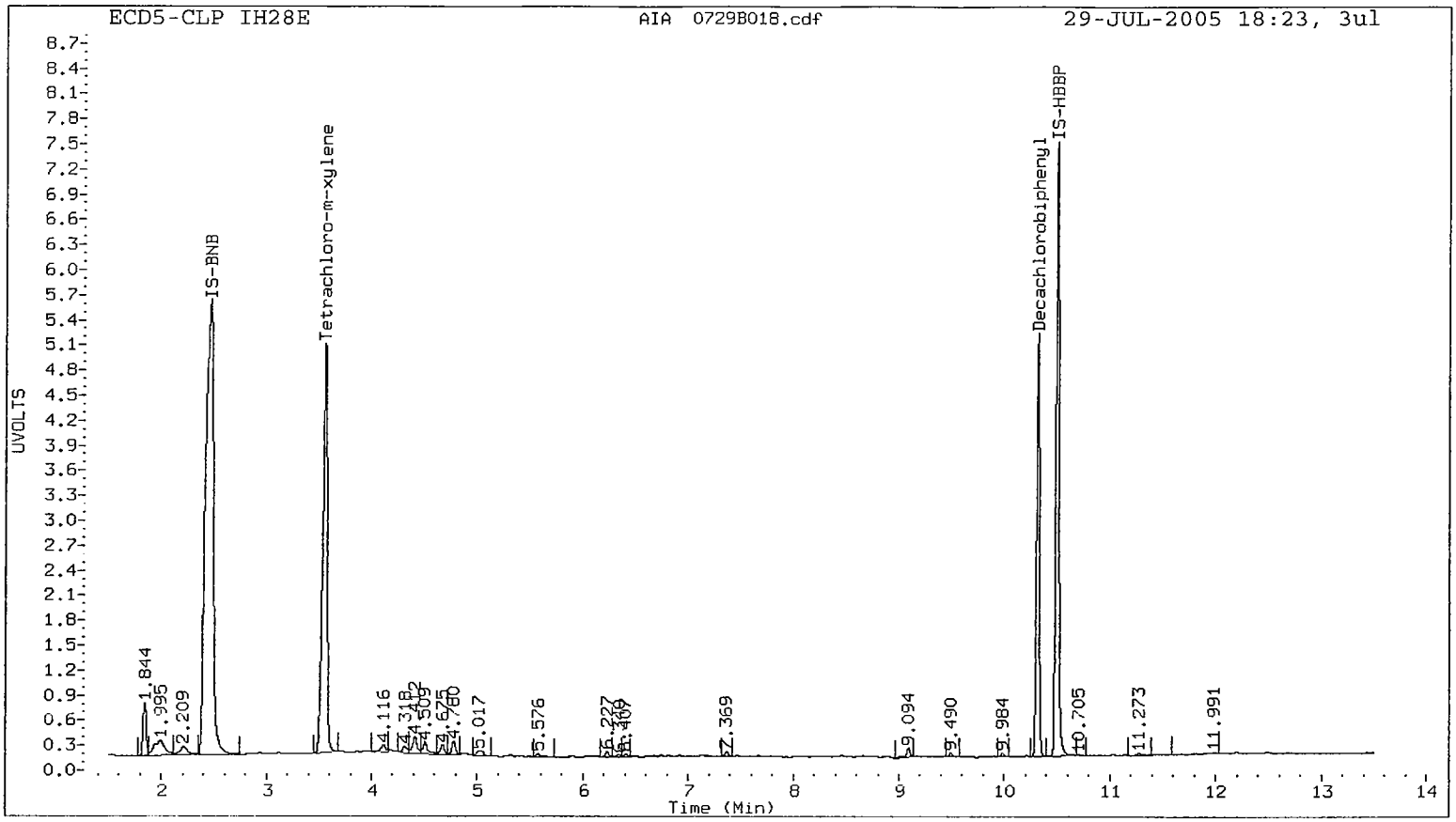
* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

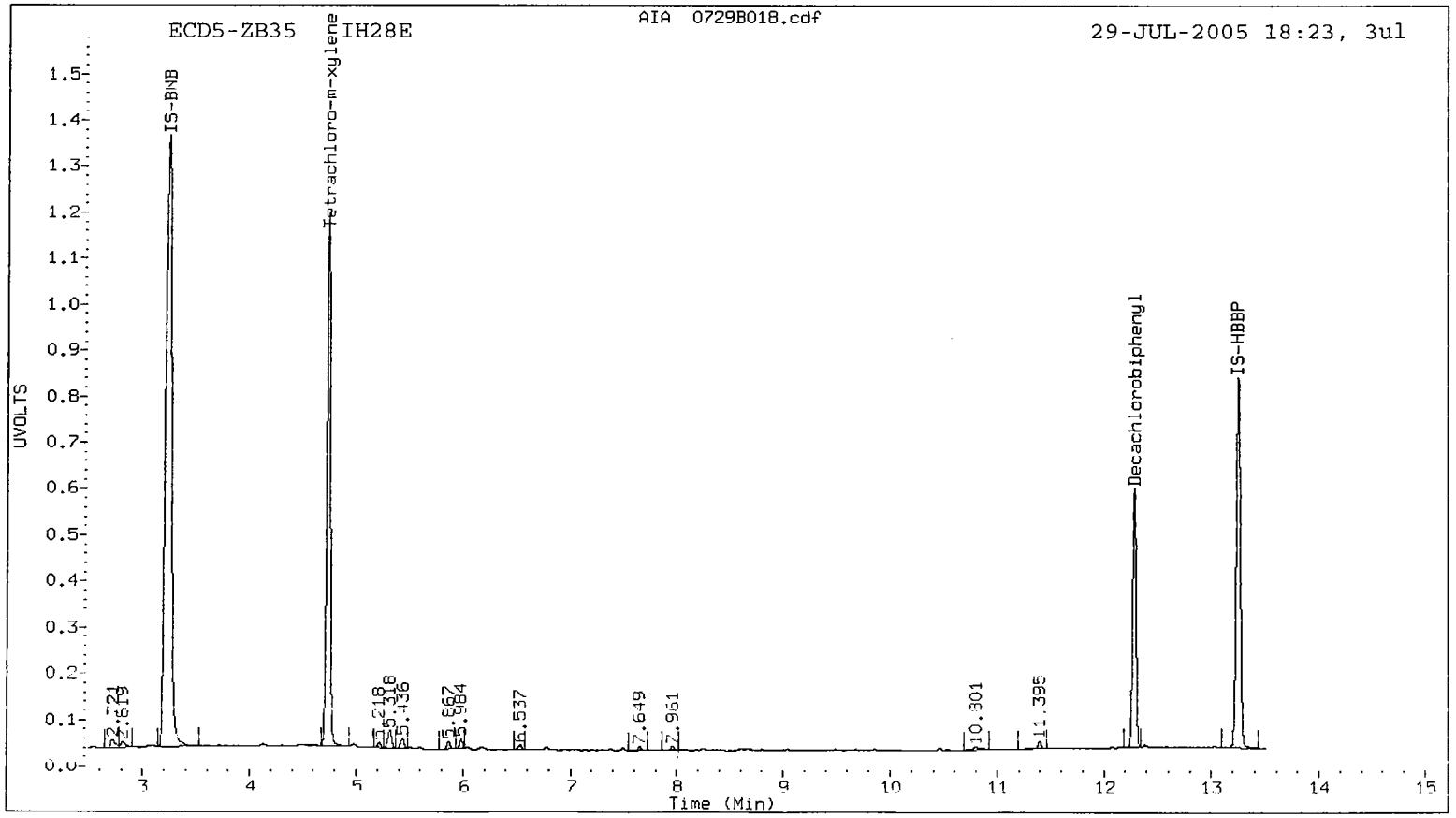
		CLP Col				ZB35 Col			
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	---			0.000	2	---			0.000
Aroclor-1260	3	---			0.000	3	---			0.000
Aroclor-1260	4	---			0.000	4	---			0.000
Aroclor-1260	5	---			0.000	5	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	---			0.000
Aroclor-1262	3	---			0.000	3	---			0.000
Aroclor-1262	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				

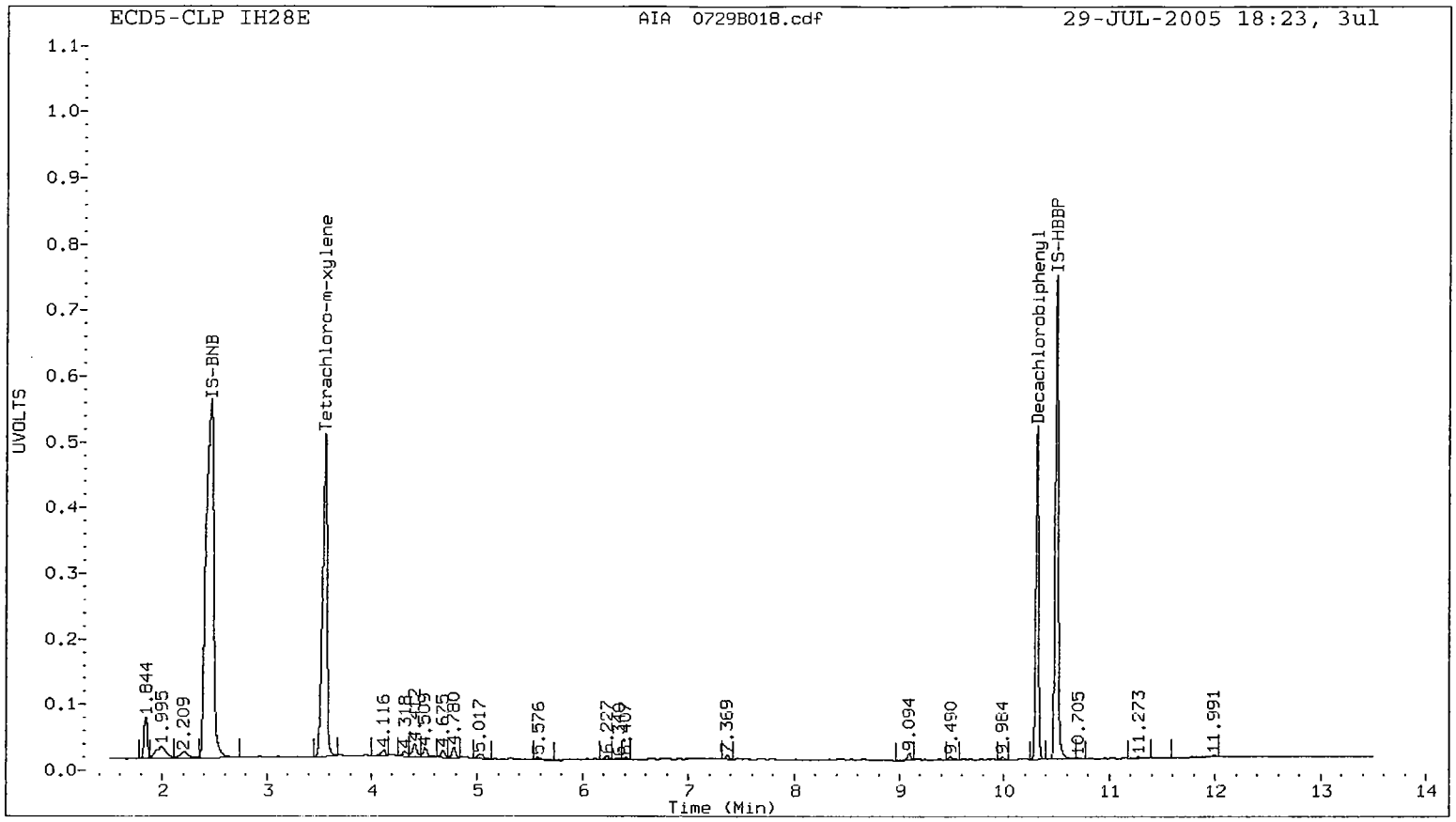
Total PCB Area Col1 (3.642 - 10.391) = 63353737 Col1 Total PCB = 0.1 ppm*

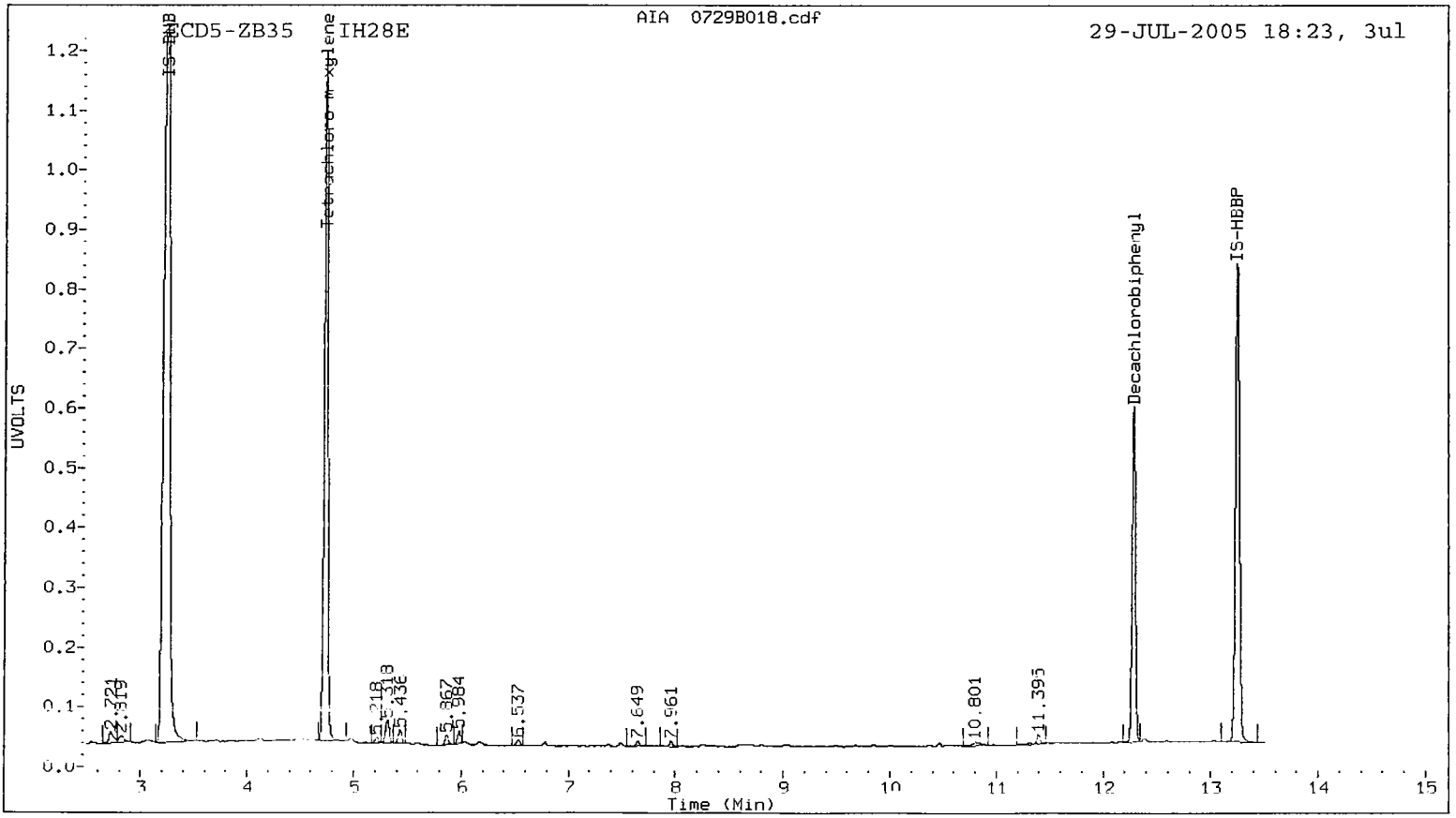
Total PCB Area Col2 (4.829 - 10.391) = 1537707 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.5ppm in ical


ECD5-CLP IH28E
AIA 0729B018.cdf
29-JUL-2005 18:23, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
1.844
1.995
2.209
4.116
4.318
4.509
4.675
4.780
5.017
5.576
6.227
7.369
9.094
9.490
9.984
10.705
11.273
11.991


ECD5-ZB35 IH28E
AIA 0729B018.cdf
29-JUL-2005 18:23, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
5.537
7.649
7.951
10.301
11.395


ECD5-CLP IH28E
AIA 0729B018.cdf
29-JUL-2005 18:23, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
1.844
1.995
2.209
4.116
4.318
4.505
4.675
4.780
5.017
5.576
7.369
9.094
9.490
9.964
10.705
11.273
11.991


ECD5-ZB35 IH28E
AIA 0729B018.cdf
29-JUL-2005 18:23, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
2.721
2.919
5.218
5.313
5.432
5.367
5.984
6.537
7.649
7.961
10.801
11.393

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-RI-SEDC-09C
SAMPLE

Lab Sample ID: IH28F
LIMS ID: 05-11886
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/13/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/29/05 18:40
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 8.0
Percent Moisture: 13.3%

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

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	100%
Tetrachlorometaxylene	89.5%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B019.d
Data file 2: 20050720.b/0729-2.b/0729B019.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH28F
Client ID: AN-RI-SEDC-09C
Injection Date: 29-JUL-2005 18:40
Report Date: 08/02/2005 09:55
Matrix: SOIL
Dilution Factor: 1.000

CLP Col RT	CLP Col Shift	CLP Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.561	0.019	76176174	4.741	0.012	13558067	0.0351	0.0358	2.0	Tetrachloro-m-xylene
10.315	0.008	51100788	12.284	0.008	6298006	0.0402	0.0384	4.5	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	87.8	89.5
Decachlorobiphenyl	100.5	96.0

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	153346364	21.9
Hexabromobiphenyl	62776174	80229521	27.8

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	27790194	17.5
Hexabromobiphenyl	10484374	10847341	3.5

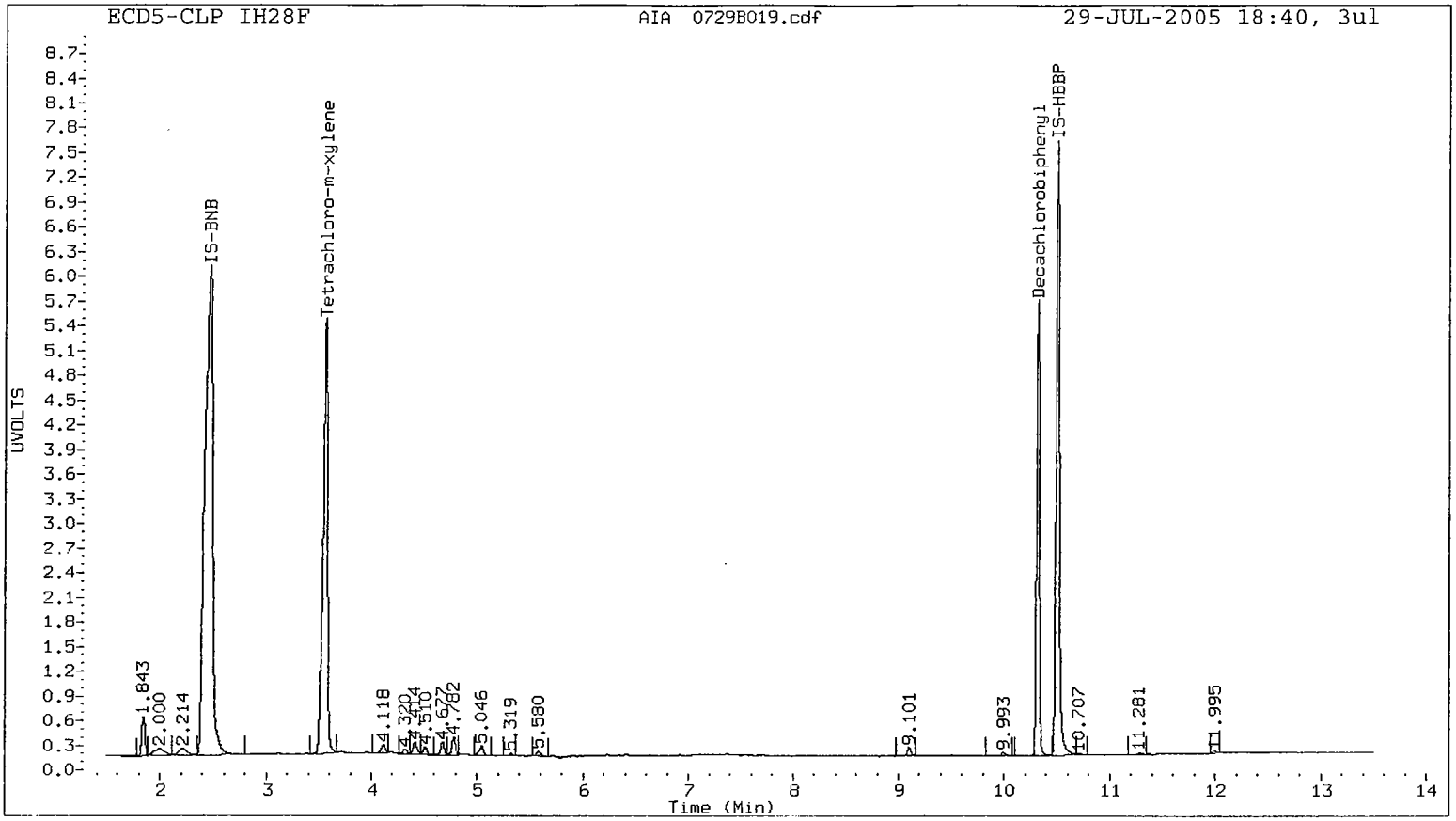
* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	RT	CLP Col Shift	Area	Amount	Peak#	RT	ZB35 Col Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	---			0.000	2	---			0.000
Aroclor-1260	3	---			0.000	3	---			0.000
Aroclor-1260	4	---			0.000	4	---			0.000
Aroclor-1260	5	---			0.000	5	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	---			0.000
Aroclor-1262	3	---			0.000	3	---			0.000
Aroclor-1262	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				

Total PCB Area Col1 (3.642 - 10.391) = 65620043 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 1517301 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.5ppm in ical


ECD5-CLP IH28F
AIA 0729B019.cdf
29-JUL-2005 18:40, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
1.843
2.000
2.214
4.118
4.320
4.414
4.510
4.677
4.782
5.046
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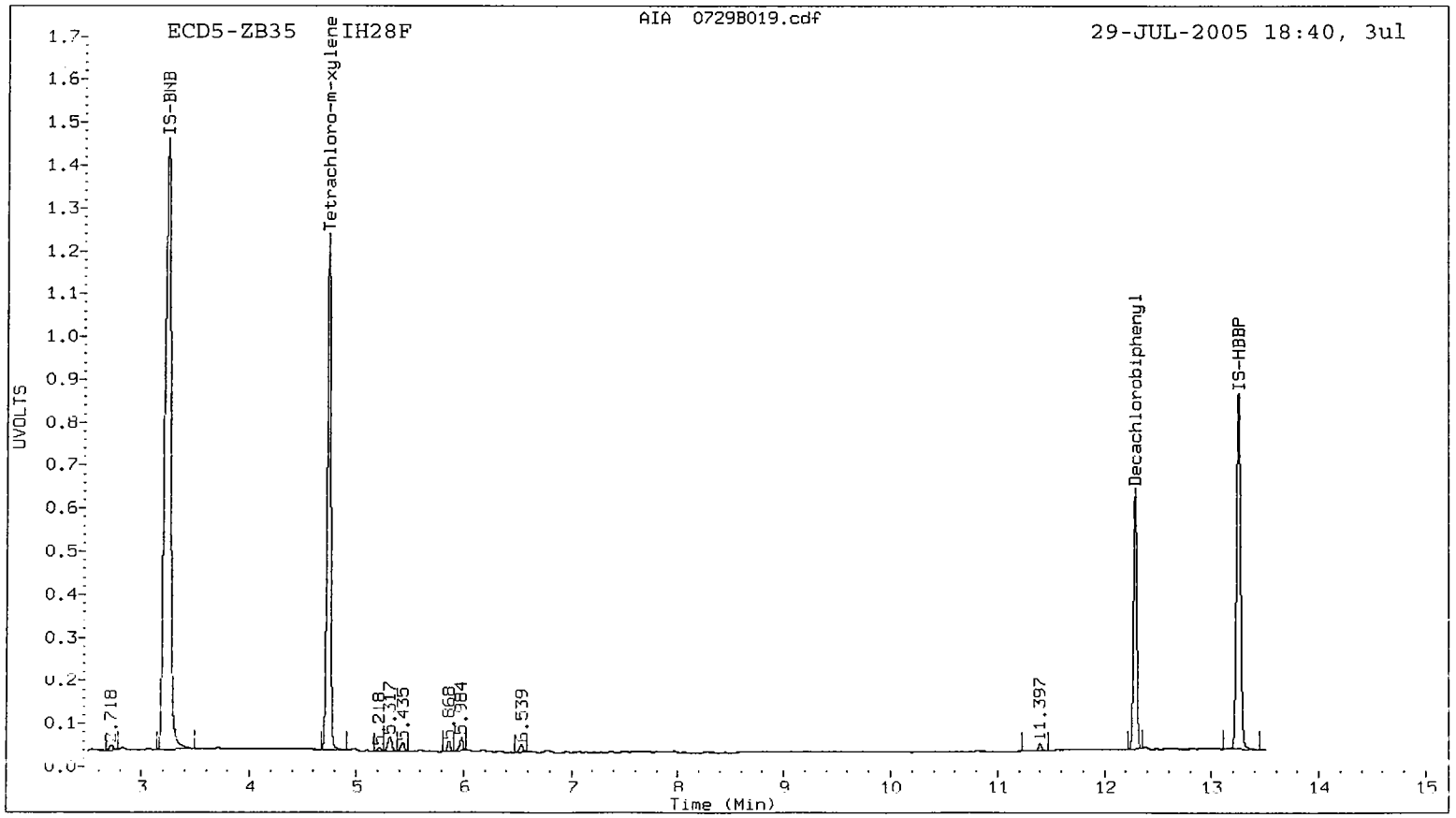
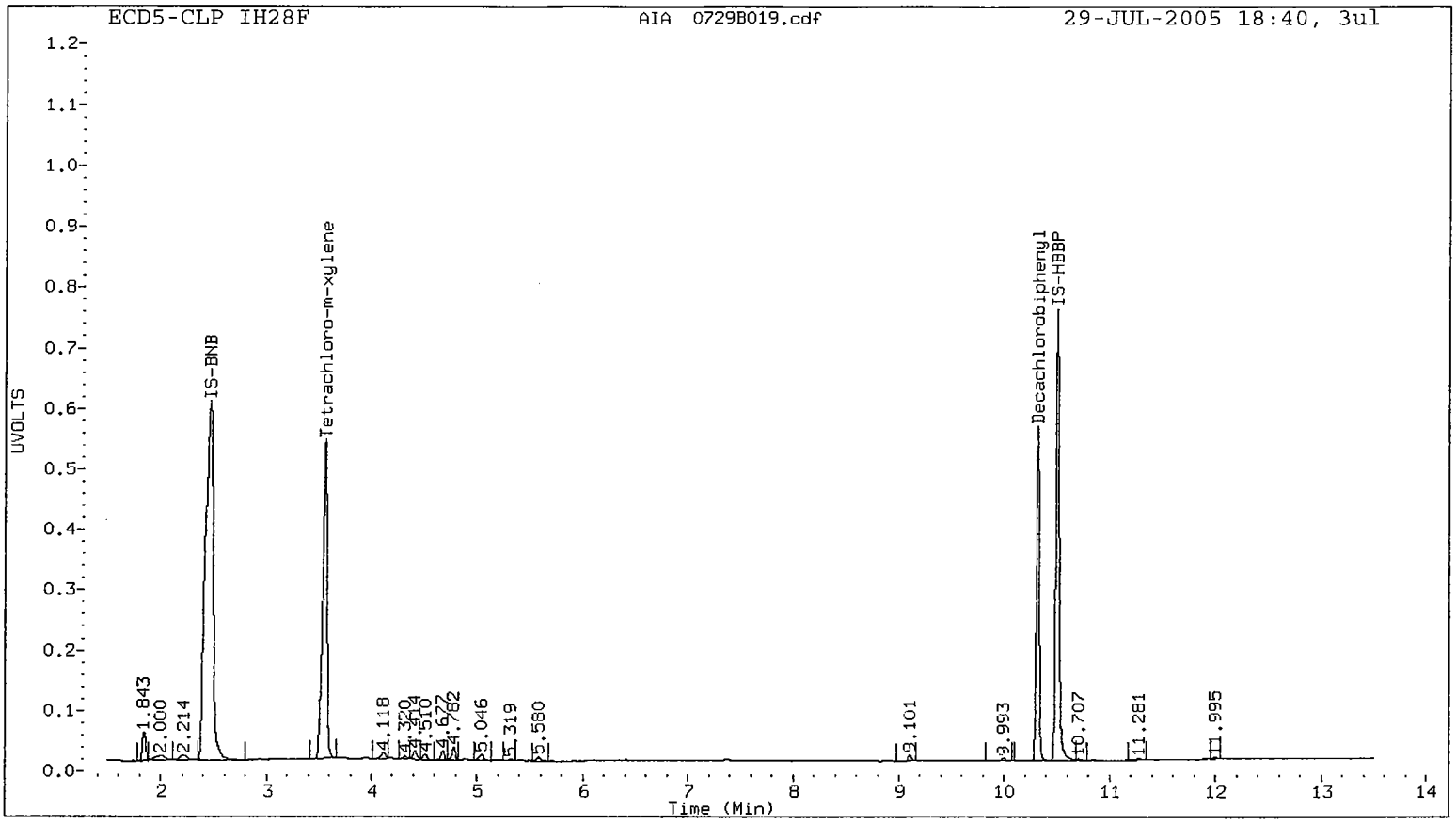
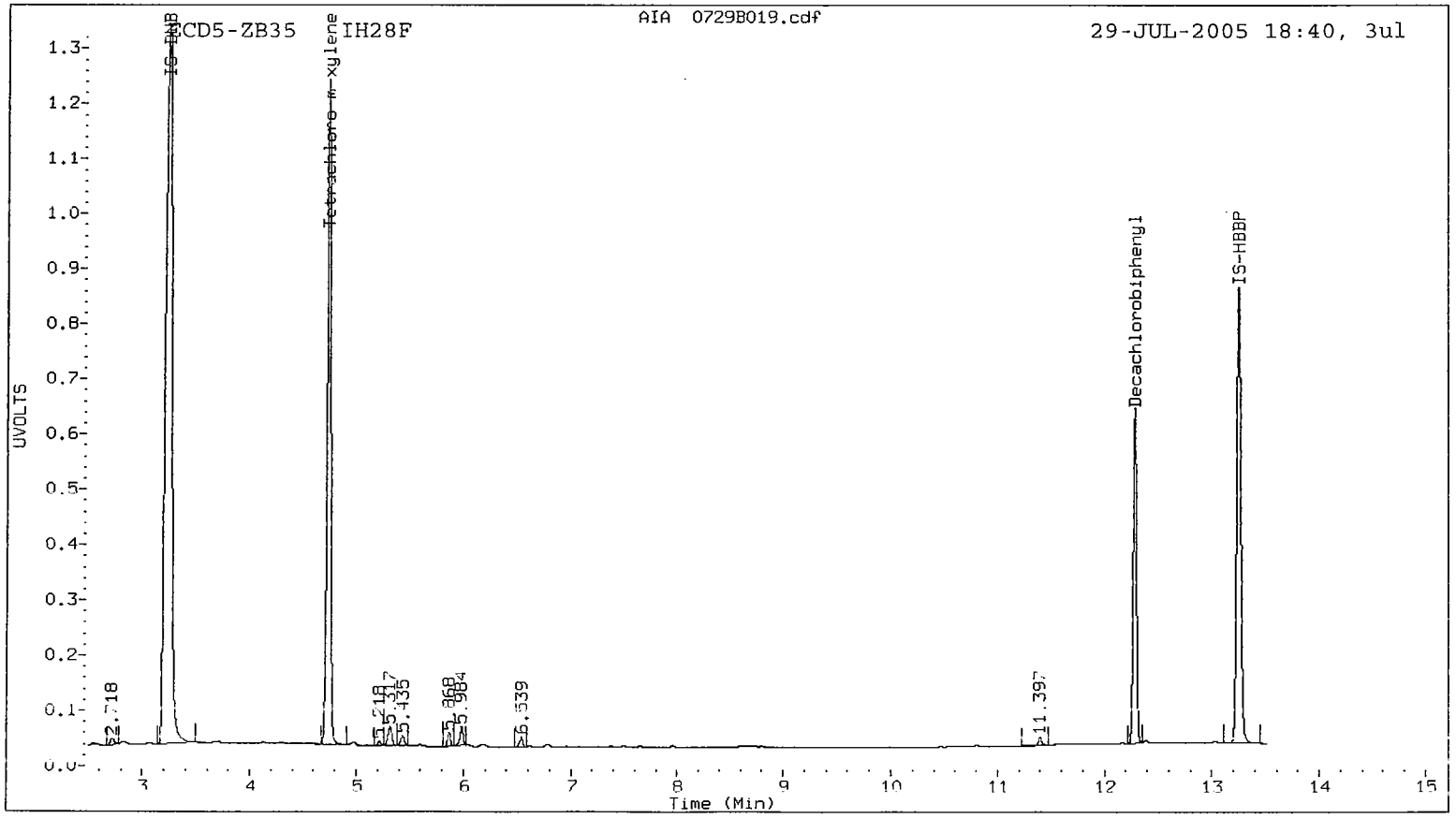
5.580
9.101
9.993
10.707
11.281
11.995


ECD5-ZB35 IH28F
AIA 0729B019.cdf
29-JUL-2005 18:40, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
4.718
5.218
5.317
5.435
5.668
5.784
6.539
11.397


ECD5-CLP IH28F
AIA 0729B019.cdf
29-JUL-2005 18:40, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobipheryl
IS-HBBP
1.843
2.000
2.214
4.118
4.320
4.510
4.677
4.782
5.046
5.319
5.580
9.101
9.993
10.707
11.281
11.995


ECD5-ZB35 IH28F
AIA 0729B019.cdf
29-JUL-2005 18:40, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobipheryl
IS-HBBP
2.718
5.118
5.317
5.435
5.368
5.984
6.539
11.397

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-RI-SEDC-02A
SAMPLE

Lab Sample ID: IH28G
LIMS ID: 05-11887
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/14/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/29/05 19:31
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 26.1 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.5
Percent Moisture: 20.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	19	< 19 U
53469-21-9	Aroclor 1242	19	< 19 U
12672-29-6	Aroclor 1248	19	< 19 U
11097-69-1	Aroclor 1254	19	< 19 U
11096-82-5	Aroclor 1260	19	< 19 U
11104-28-2	Aroclor 1221	19	< 19 U
11141-16-5	Aroclor 1232	19	< 19 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	108%
Tetrachlorometaxylene	98.2%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B022.d
Data file 2: 20050720.b/0729-2.b/0729B022.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH28G
Client ID: AN-RI-SEDC-02A
Injection Date: 29-JUL-2005 19:31
Report Date: 08/02/2005 09:55
Matrix: SOIL
Dilution Factor: 1.000

CLP Col RT	CLP Col Shift	CLP Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.564	0.022	72740053	4.744	0.015	13321911	0.0000	0.0393	---	Tetrachloro-m-xylene
10.311	0.004	48073377	12.281	0.006	6494231	0.0418	0.0431	3.2	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	0.0	98.2
Decachlorobiphenyl	104.4	107.8

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D	
Bromo-Nitrobenzene	125791287	0	-100.0	<-
Hexabromobiphenyl	62776174	72626211	15.7	

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	24901575	5.3
Hexabromobiphenyl	10484374	9962693	-5.0

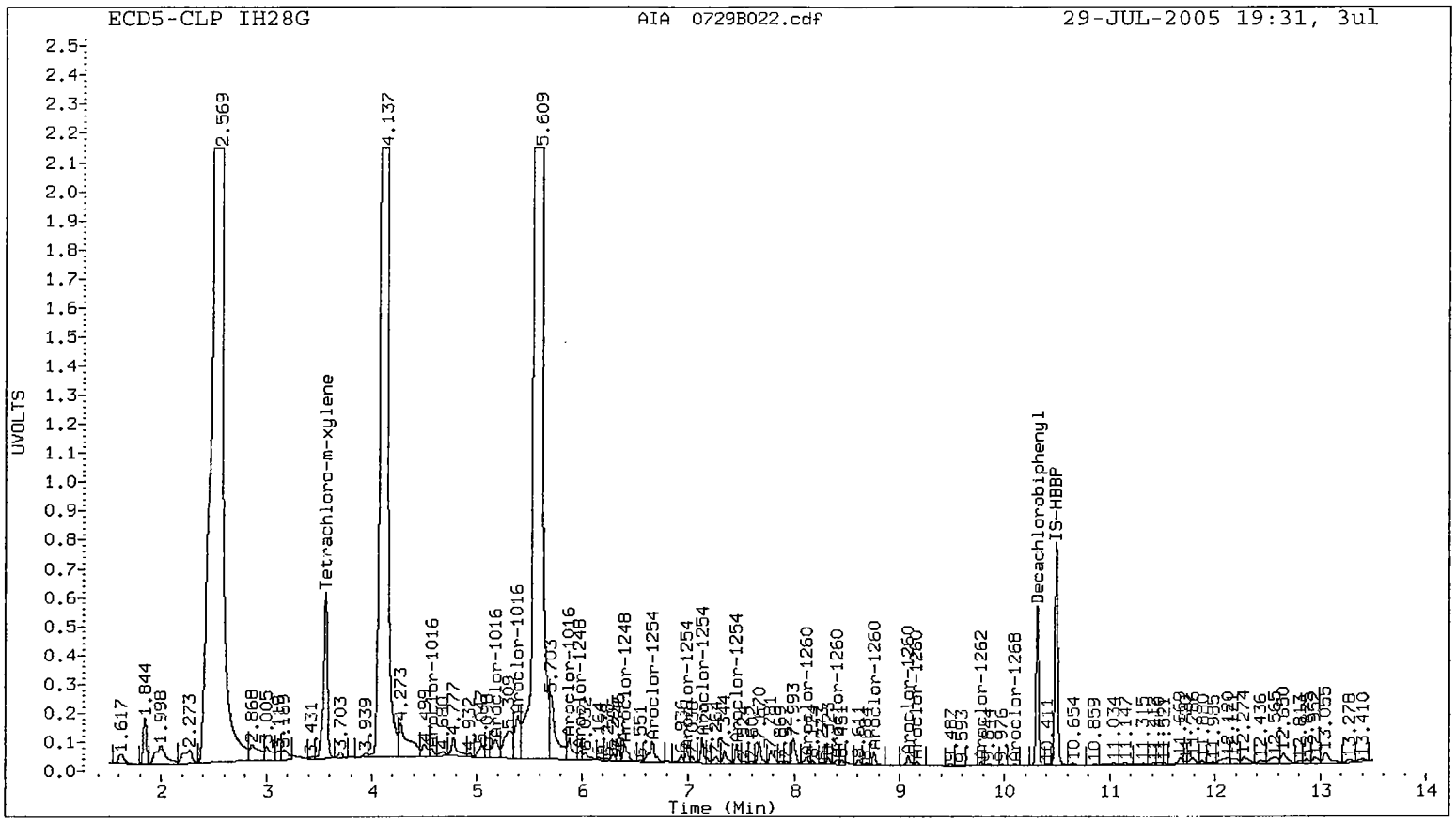
* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	RT	CLP Col Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	6.157	0.010	1025868	0.091
Aroclor-1016	2	---			0.000	2	6.712	0.007	1076821	0.046
Aroclor-1016	3	---			0.000	3	6.867	-0.027	377067	0.042
Aroclor-1016	4	---			0.000	4	7.520	0.008	1421298	0.228
		Col1Ave: <3 Quant Peaks					Col2Ave: 0.102			
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
		Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks			
Aroclor-1232	1	---			0.000	1	5.600	0.043	581878	0.102
Aroclor-1232	2	---			0.000	2	6.157	0.008	1025868	0.193
Aroclor-1232	3	---			0.000	3	6.712	0.006	1076821	0.109
Aroclor-1232	4	---			0.000	4	7.038	-0.016	1140490	0.499
		Col1Ave: <3 Quant Peaks					Col2Ave: 0.226			
Aroclor-1242	1	---			0.000	1	5.600	0.043	581878	0.143
Aroclor-1242	2	---			0.000	2	6.712	0.006	1076821	0.060
Aroclor-1242	3	---			0.000	3	6.867	-0.028	377067	0.054
Aroclor-1242	4	---			0.000	4	7.038	-0.016	1140490	0.260
Aroclor-1242	NS	---			----	5	7.520	0.008	1421298	0.262
		Col1Ave: <3 Quant Peaks					Col2Ave: 0.155			
Aroclor-1248	1	---			0.000	1	6.712	0.008	1076821	0.080
Aroclor-1248	2	---			0.000	2	7.108	-0.024	4260709	0.584
Aroclor-1248	3	---			0.000	3	7.520	0.007	1421298	0.169
Aroclor-1248	4	---			0.000	4	7.922	0.010	2140478	0.181
		Col1Ave: <3 Quant Peaks					Col2Ave: 0.254			
Aroclor-1254	1	---			0.000	1	8.188	0.003	2074265	0.199
Aroclor-1254	2	---			0.000	2	8.660	0.000	1598450	0.200
Aroclor-1254	3	---			0.000	3	8.796	0.002	2027285	0.130
Aroclor-1254	4	---			0.000	4	9.486	0.002	1298846	0.143
		Col1Ave: <3 Quant Peaks					Col2Ave: 0.168			
Aroclor-1260	1	8.120	0.005	3222374	0.053	1	9.754	0.006	452019	0.067
Aroclor-1260	2	8.404	0.006	1947320	0.030	2	10.155	0.007	610553	0.076
Aroclor-1260	3	8.756	0.003	4260572	0.031	3	10.366	0.005	704899	0.043
Aroclor-1260	4	9.082	0.002	3916375	0.037	4	10.815	0.002	256999	0.061
Aroclor-1260	5	9.165	0.003	1320947	0.038	5	10.871	0.004	470076	0.046
		Total Col1Ave (5 peaks): 0.038					Total Col2Ave (5 peaks): 0.059		RPD = 43*	
		Corrected Ave (5 peaks): 0.038					Corrected Ave (5 peaks): 0.059		RPD = 43*	
Aroclor-1262	1	8.120	0.004	3222374	0.031	1	10.155	0.008	610553	0.050
Aroclor-1262	2	8.756	0.002	4260572	0.021	2	10.366	0.005	704899	0.029
Aroclor-1262	3	9.165	0.003	1320947	0.016	3	10.871	0.003	470076	0.031
Aroclor-1262	4	9.782	0.003	1224157	0.022	4	11.472	0.003	301150	0.041
		Total Col1Ave (4 peaks): 0.023					Total Col2Ave (4 peaks): 0.038		RPD = 51*	
		Corrected Ave (4 peaks): 0.023					Corrected Ave (4 peaks): 0.038		RPD = 51*	
Aroclor-1268	1	9.165	0.008	1320947	0.007	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	9.782	0.004	1224157	0.021	3	---			0.000
Aroclor-1268	4	10.100	0.002	602806	0.001	4	---			0.000
		Total Col1Ave (3 peaks): 0.010					Col2Ave: <3 Quant Peaks			

Total PCB Area Col1 (3.642 - 10.391) = 1782946890 Col1 Total PCB = 2.2 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 123880381 Col2 Total PCB = 1.1 ppm*

* Quantitated against AR1660 0.5ppm in Ical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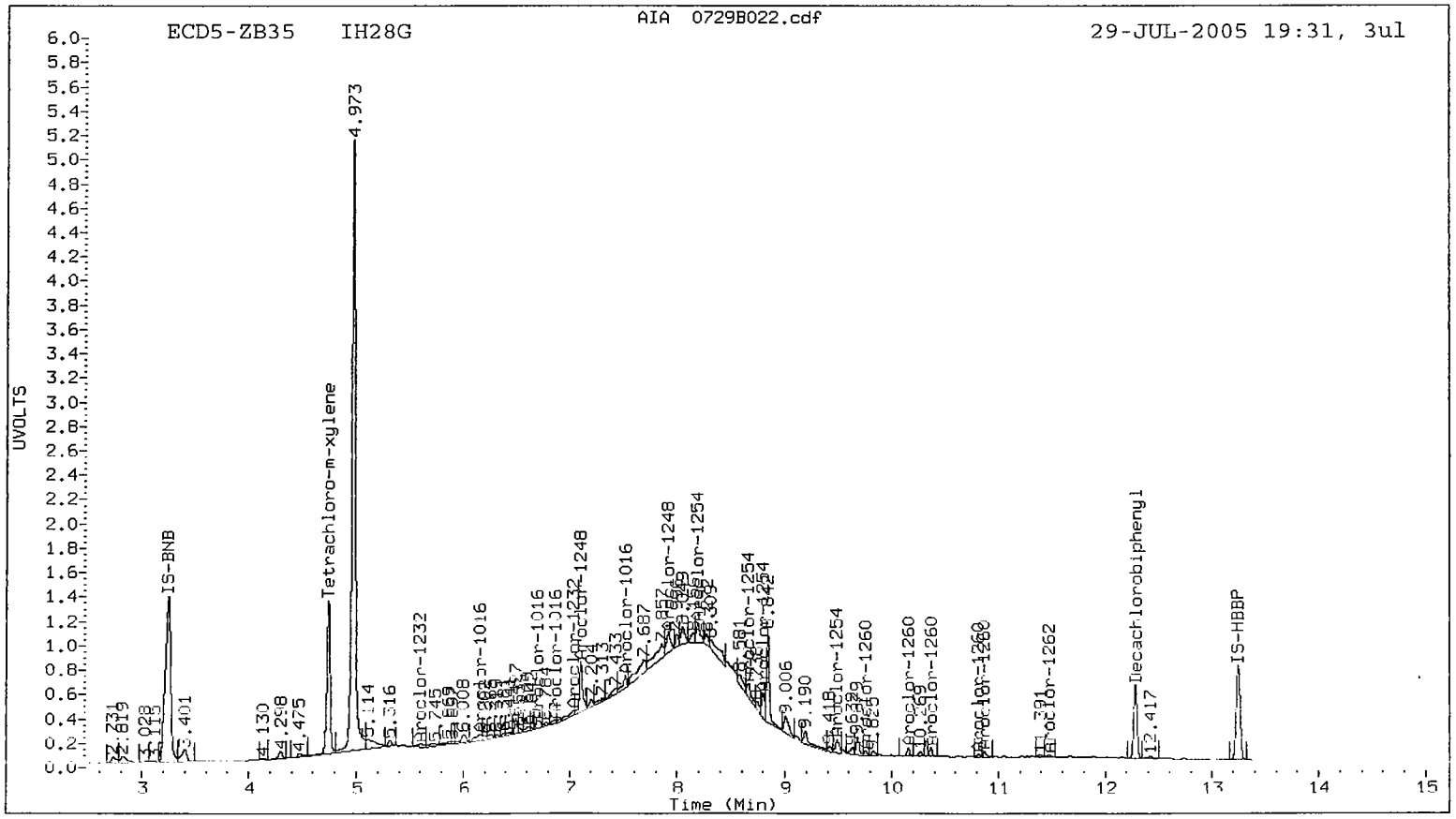
29-JUL-2005 19:31, 3ul
UVOLTS
Time (Min)
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP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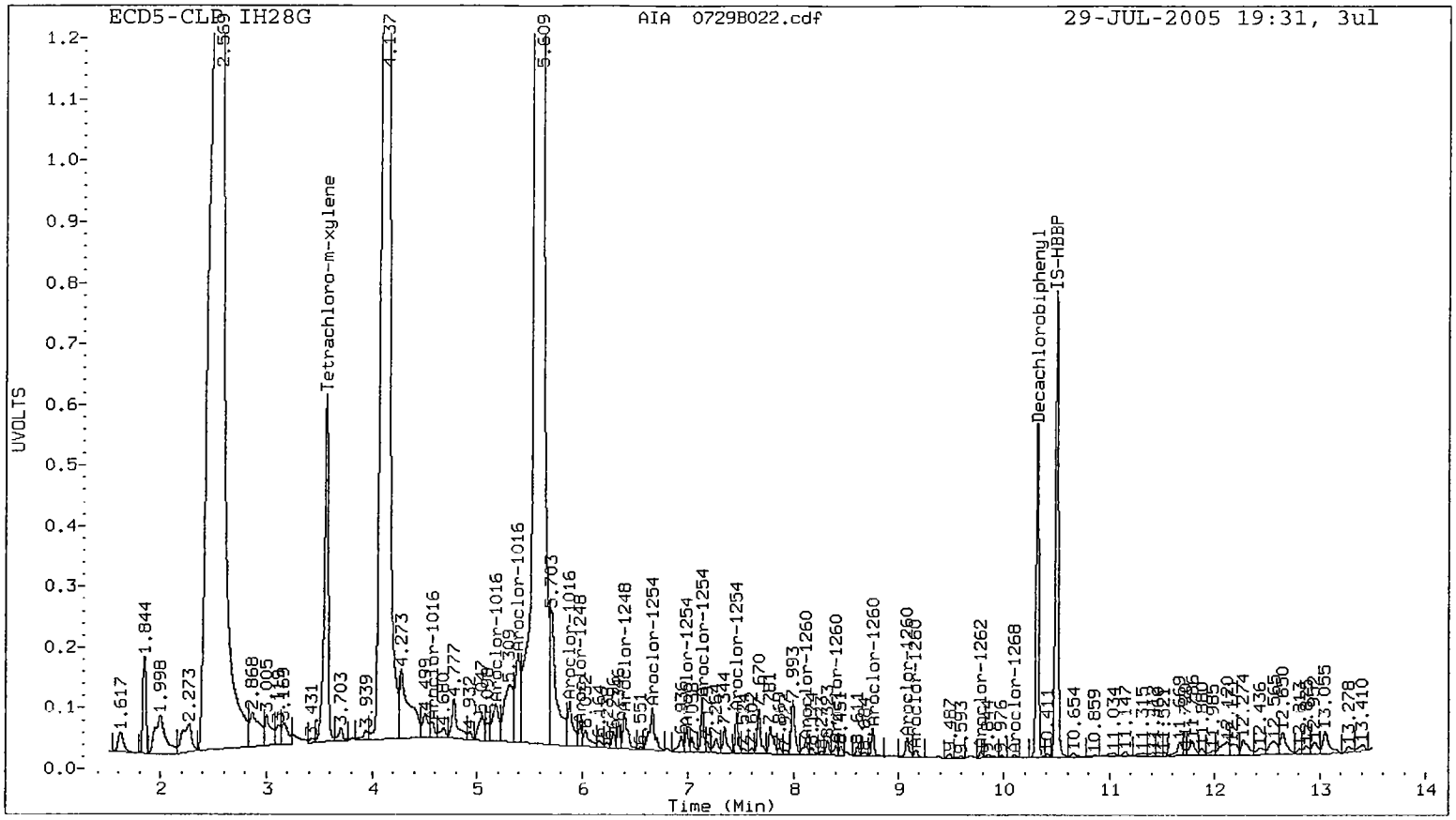
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP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UVOLTS
Time (Min)
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
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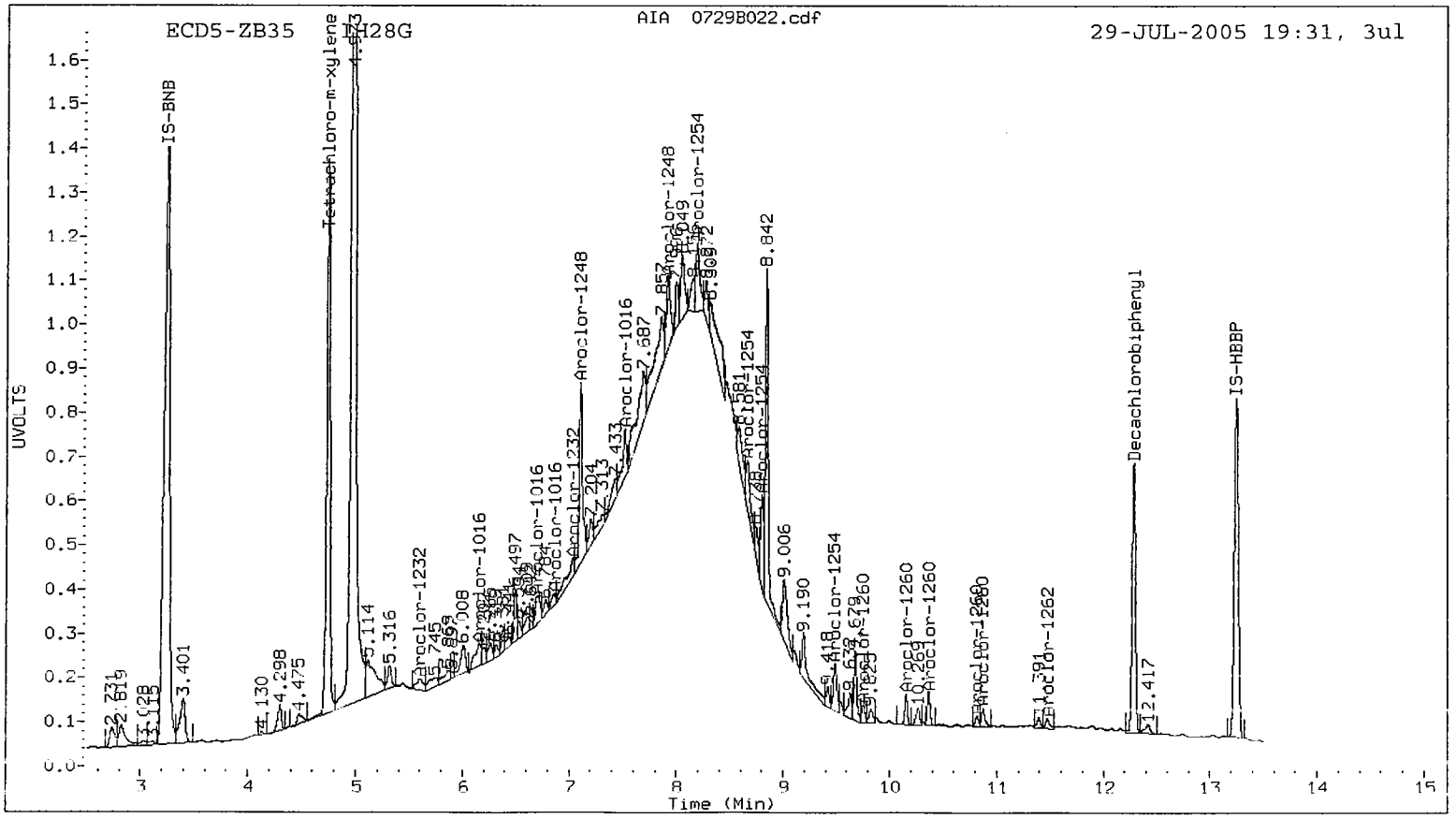
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1232
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Decachlorobiphenyl
IS-HBBP

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-RI-SEDC-02B
SAMPLE

Lab Sample ID: IH28H
LIMS ID: 05-11888
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/14/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/29/05 19:48
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 26.0 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 8.2
Percent Moisture: 15.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	19	< 19 U
53469-21-9	Aroclor 1242	19	< 19 U
12672-29-6	Aroclor 1248	19	< 19 U
11097-69-1	Aroclor 1254	19	< 19 U
11096-82-5	Aroclor 1260	19	< 19 U
11104-28-2	Aroclor 1221	19	< 19 U
11141-16-5	Aroclor 1232	19	< 19 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	93.5%
Tetrachlorometaxylene	85.5%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B023.d
Data file 2: 20050720.b/0729-2.b/0729B023.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH28H
Client ID: AN-RI-SEDC-02B
Injection Date: 29-JUL-2005 19:48
Report Date: 08/02/2005 09:56
Matrix: SOIL
Dilution Factor: 1.000

CLP Col RT	CLP Col Shift	CLP Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.561	0.019	73134893	4.741	0.013	12854530	0.0315	0.0342	8.4	Tetrachloro-m-xylene
10.313	0.006	49716957	12.283	0.008	6001900	0.0374	0.0348	7.3	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	78.7	85.6
Decachlorobiphenyl	93.6	86.9

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	164097882	30.5
Hexabromobiphenyl	62776174	83815859	33.5

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	27556146	16.5
Hexabromobiphenyl	10484374	11414432	8.9

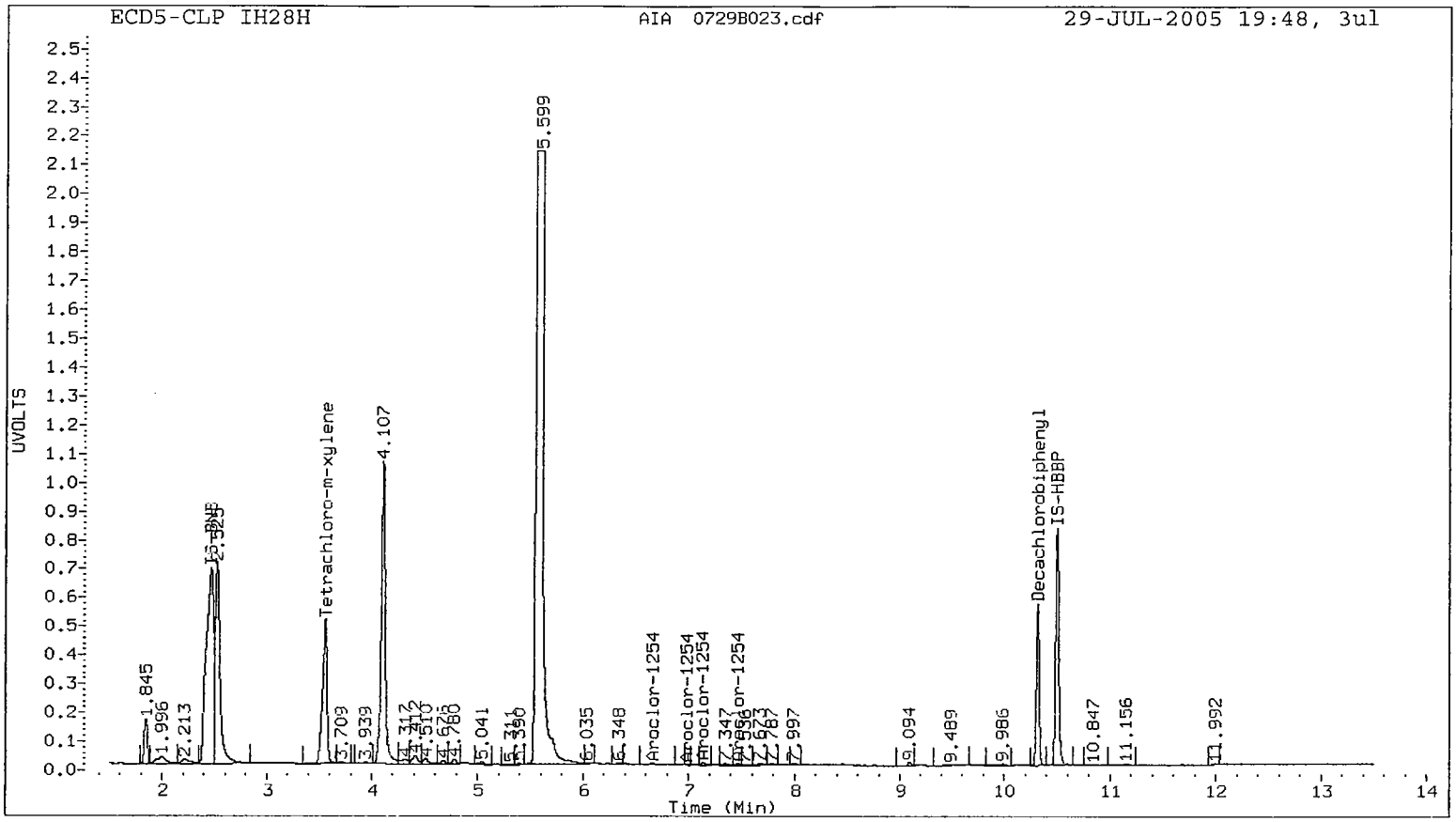
* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	RT	CLP Col Shift	Area	Amount	Peak#	RT	ZB35 Col Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	6.720	0.016	42474	0.003
Aroclor-1248	2	---			0.000	2	7.109	-0.023	493966	0.061
Aroclor-1248	3	---			0.000	3	7.520	0.007	75177	0.008
Aroclor-1248	4	---			0.000	4	7.923	0.011	595394	0.045
	Col1Ave: <3 Quant Peaks					Col2Ave: 0.029				
Aroclor-1254	1	6.664	0.008	1283494	0.011	1	8.189	0.003	106369	0.009
Aroclor-1254	2	6.991	0.007	407101	0.007	2	---			0.000
Aroclor-1254	3	7.135	0.006	1331611	0.011	3	8.801	0.007	113456	0.007
Aroclor-1254	4	7.464	0.008	962356	0.010	4	9.492	0.008	91830	0.009
	Total Col1Ave (4 peaks): 0.010					Total Col2Ave (3 peaks): 0.008			RPD = 16	
	Corrected Ave (4 peaks): 0.010					Corrected Ave (3 peaks): 0.008			RPD = 16	
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	---			0.000	2	---			0.000
Aroclor-1260	3	---			0.000	3	10.363	0.002	211732	0.011
Aroclor-1260	4	---			0.000	4	10.809	-0.004	591114	0.122
Aroclor-1260	5	---			0.000	5	10.864	-0.002	141274	0.012
	Col1Ave: <3 Quant Peaks					Col2Ave: 0.049				
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	10.363	0.002	211732	0.008
Aroclor-1262	3	---			0.000	3	10.864	-0.004	141274	0.008
Aroclor-1262	4	---			0.000	4	11.471	0.002	447033	0.053
	Col1Ave: <3 Quant Peaks					Col2Ave: 0.023				
Aroclor-1268	1	---			0.000	1	10.809	0.000	591114	0.022
Aroclor-1268	2	---			0.000	2	10.864	-0.003	141274	0.006
Aroclor-1268	3	---			0.000	3	11.253	0.045	755194	0.037
Aroclor-1268	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: 0.022				

Total PCB Area Col1 (3.642 - 10.391) = 764612353 Col1 Total PCB = 0.9 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 8312580 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.5ppm in Ical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Time (Min)
Tetrachloro-m-xylene
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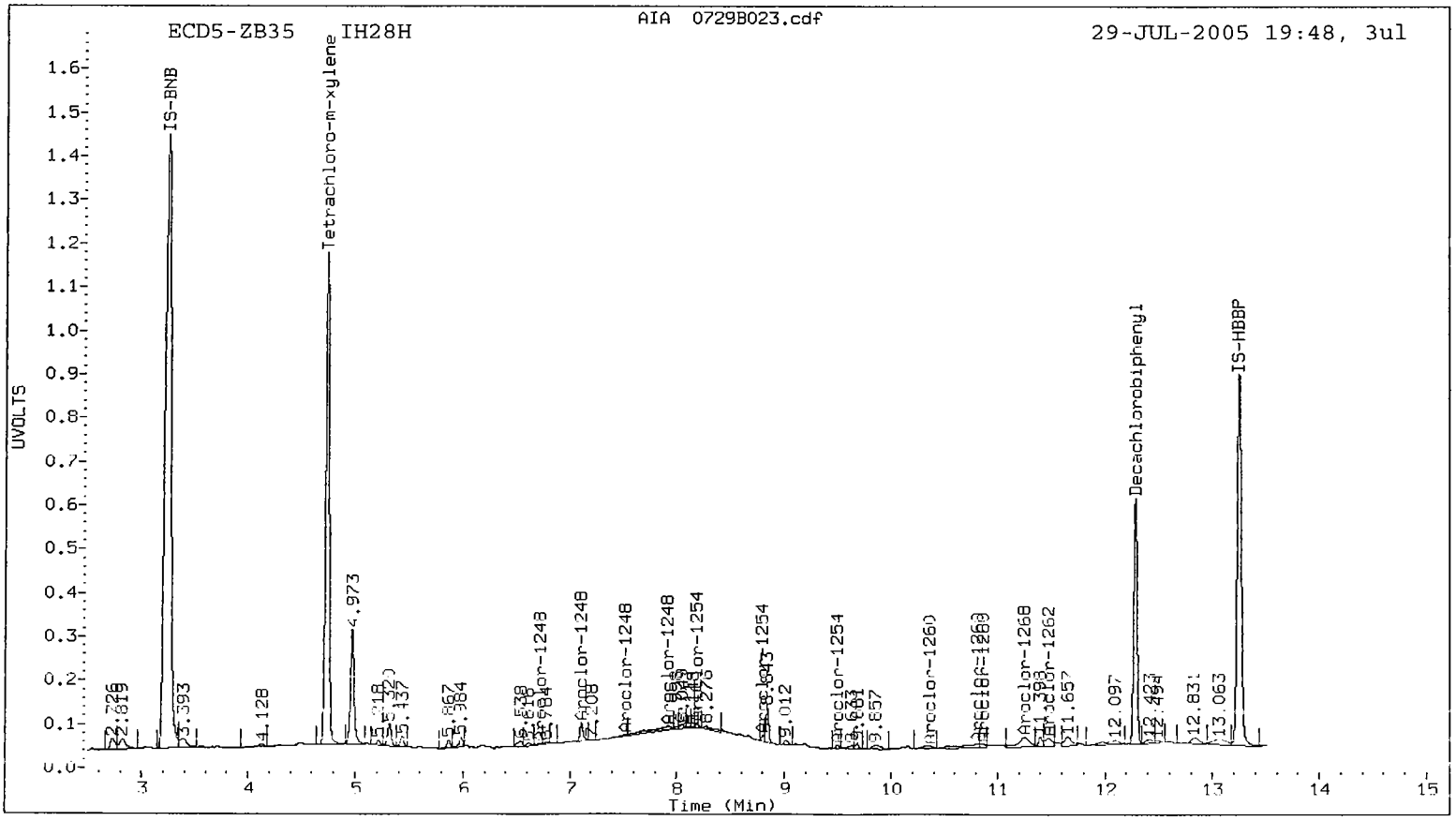
5.599
Decachlorobiphenyl
IS-HBBP
Aroclor-1254
Aroclor-1254
Aroclor-1254
Aroclor-1254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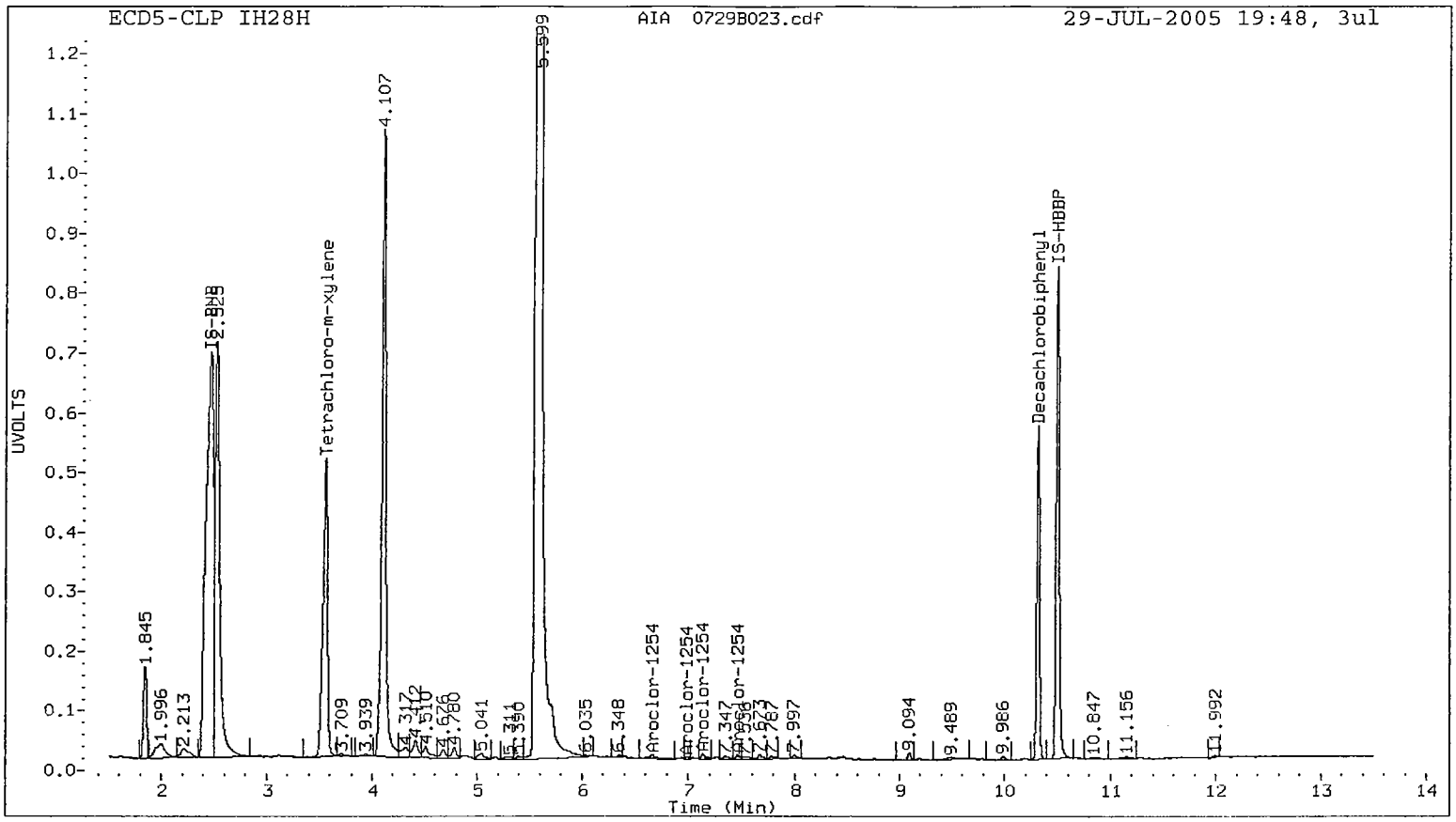
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
4.973
Decachlorobiphenyl
IS-HBBP
Aroclor-1248
Aroclor-1248
Aroclor-1248
Aroclor-1254
Aroclor-1254
Aroclor-1254
Aroclor-1260
Aroclor-1268
Aroclor-1262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UVOLTS
Time (Min)
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
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Aroclor-1254
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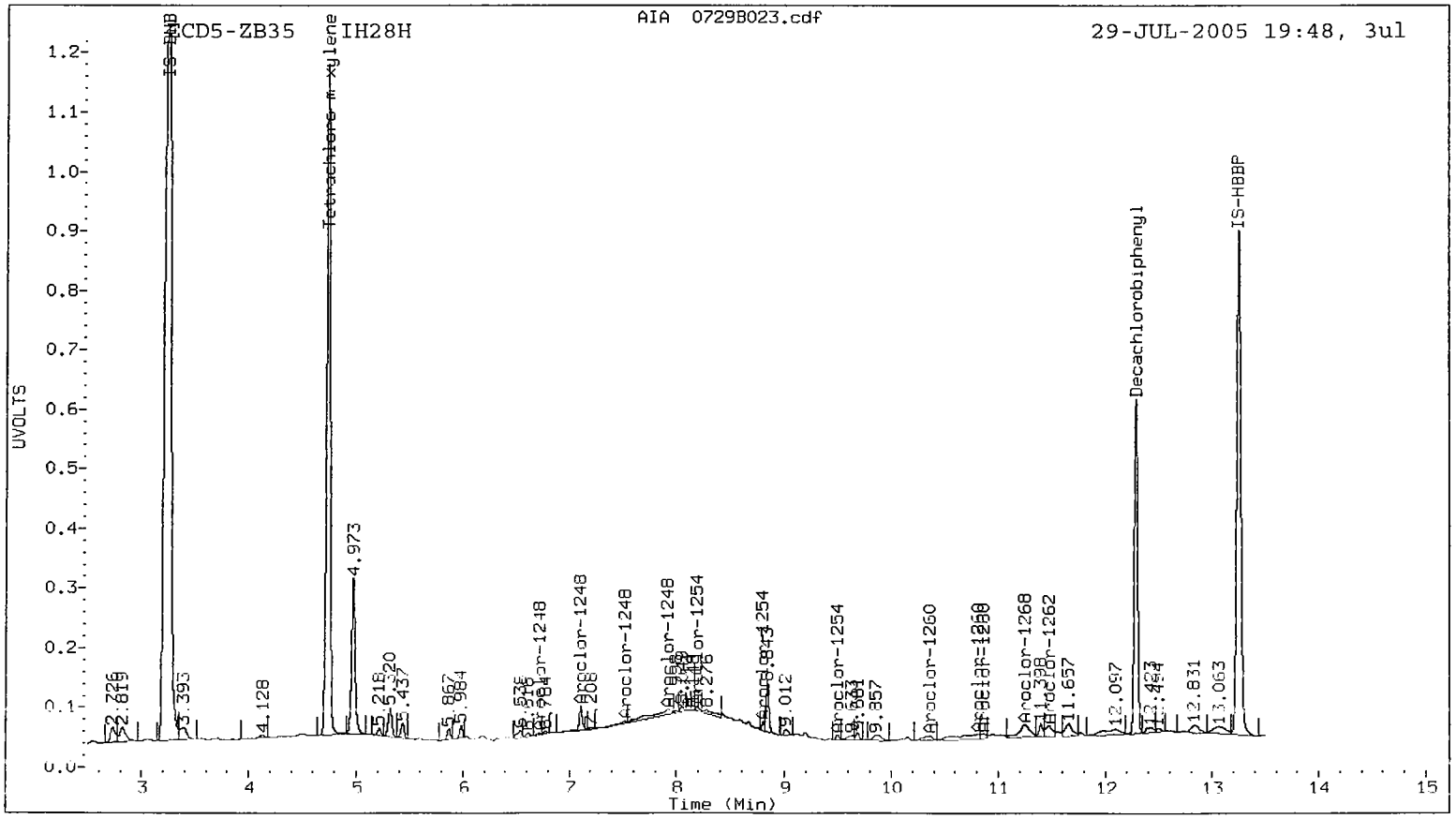
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AIA 0729B023.cdf
29-JUL-2005 19:48, 3ul
UVOLTS
Time (Min)
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
Aroclor-1248
Aroclor-1248
Aroclor-1248
Aroclor-1254
Aroclor-1254
Aroclor-1260
Aroclor-1268
Aroclor-1262

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-RI-SEDC-06A
SAMPLE

Lab Sample ID: IH28I
LIMS ID: 05-11889
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/14/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/29/05 20:05
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.2
Percent Moisture: 57.8%

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

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	84.0%
Tetrachlorometaxylene	88.0%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B024.d
Data file 2: 20050720.b/0729-2.b/0729B024.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH28I
Client ID: AN-RI-SEDC-06A
Injection Date: 29-JUL-2005 20:05
Report Date: 08/02/2005 09:56
Matrix: SOIL
Dilution Factor: 1.000

CLP Col RT	CLP Col Shift	CLP Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.561	0.019	64963683	4.742	0.013	11913366	0.0335	0.0352	5.1	Tetrachloro-m-xylene
10.311	0.004	39641177	12.282	0.007	5794079	0.0336	0.0334	0.5	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	83.7	88.1
Decachlorobiphenyl	83.9	83.5

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	137104104	9.0
Hexabromobiphenyl	62776174	74491681	18.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	24812831	4.9
Hexabromobiphenyl	10484374	11471826	9.4

* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

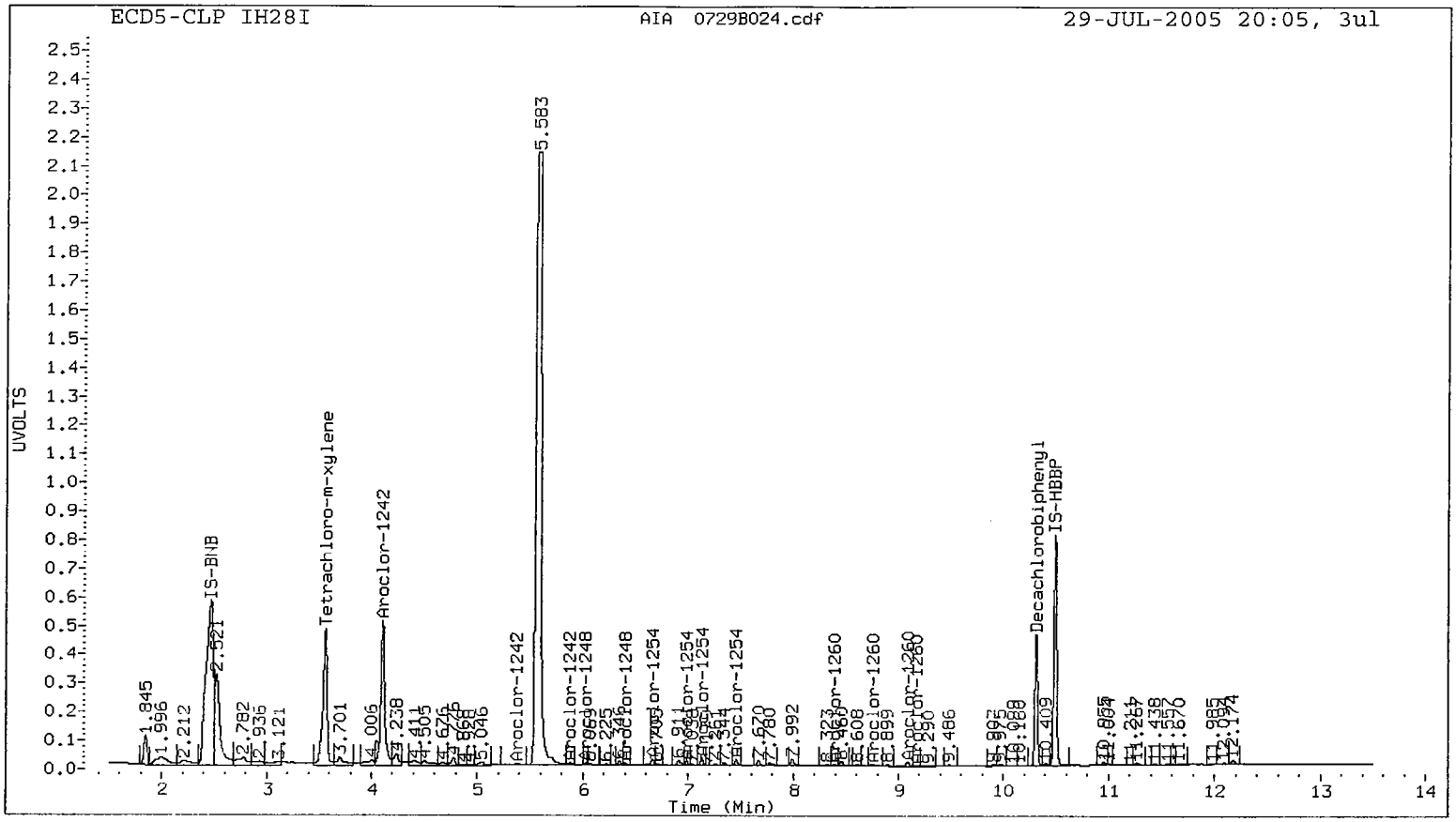
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
		CLP Col					ZB35 Col			
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
		Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks			
Aroclor-1221	1	---			0.000	1	5.221	-0.039	125889	0.036
Aroclor-1221	2	---			0.000	2	5.435	-0.027	140239	0.066
Aroclor-1221	3	---			0.000	3	5.510	-0.047	263802	0.038
		Col1Ave: <3 Quant Peaks					Col2Ave: 0.046			
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
		Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks			
Aroclor-1242	1	4.105	0.026	65235874	2.390	1	5.510	-0.046	263802	0.065
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	5.377	0.018	1845466	0.041	3	---			0.000
Aroclor-1242	4	5.880	0.006	1247338	0.029	4	7.037	-0.017	200654	0.046
Aroclor-1242	NS	---			----	5	7.520	0.008	144571	0.027
		Total Col1Ave (3 peaks): 0.820					Total Col2Ave (3 peaks): 0.046			RPD = 179*
		Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks): 0.046			
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	5.880	0.006	1247338	0.018	2	7.137	0.005	186575	0.026
Aroclor-1248	3	6.027	0.047	770563	0.019	3	7.520	0.007	144571	0.017
Aroclor-1248	4	6.400	0.004	831967	0.013	4	7.919	0.006	324247	0.028
		Total Col1Ave (3 peaks): 0.017					Total Col2Ave (3 peaks): 0.023			RPD = 34
		Corrected Ave (3 peaks): 0.017					Corrected Ave (3 peaks): 0.023			RPD = 34
Aroclor-1254	1	6.662	0.006	3153540	0.032	1	8.190	0.004	616169	0.059
Aroclor-1254	2	6.987	0.003	1470306	0.030	2	8.564	0.003	362938	0.046
Aroclor-1254	3	7.132	0.003	2461093	0.025	3	8.799	0.005	501468	0.032
Aroclor-1254	4	7.458	0.002	1866626	0.023	4	9.489	0.005	502292	0.056
		Total Col1Ave (4 peaks): 0.028					Total Col2Ave (4 peaks): 0.048			RPD = 55*
		Corrected Ave (4 peaks): 0.028					Corrected Ave (4 peaks): 0.048			RPD = 55*
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	8.396	-0.002	627378	0.010	2	10.156	0.008	194490	0.021
Aroclor-1260	3	8.754	0.001	744383	0.005	3	10.366	0.004	228970	0.012
Aroclor-1260	4	9.086	0.006	2796878	0.026	4	---			0.000
Aroclor-1260	5	9.167	0.005	677463	0.019	5	10.872	0.005	97075	0.008
		Total Col1Ave (4 peaks): 0.015					Total Col2Ave (3 peaks): 0.014			RPD = 7
		Corrected Ave (3 peaks): 0.011					Corrected Ave (3 peaks): 0.014			RPD = 20
Aroclor-1262	1	---			0.000	1	10.156	0.009	194490	0.014
Aroclor-1262	2	---			0.000	2	10.366	0.004	228970	0.008
Aroclor-1262	3	---			0.000	3	10.872	0.003	97075	0.006
Aroclor-1262	4	---			0.000	4	---			0.000
		Col1Ave: <3 Quant Peaks					Col2Ave: 0.009			
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
		Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks			

Total PCB Area Col1 (3.642 - 10.391) = 564804131 Col1 Total PCB = 0.7 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 13734300 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.5ppm in Ical

PCB-Form 10 Mod.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29-JUL-2005 20:05, 3ul
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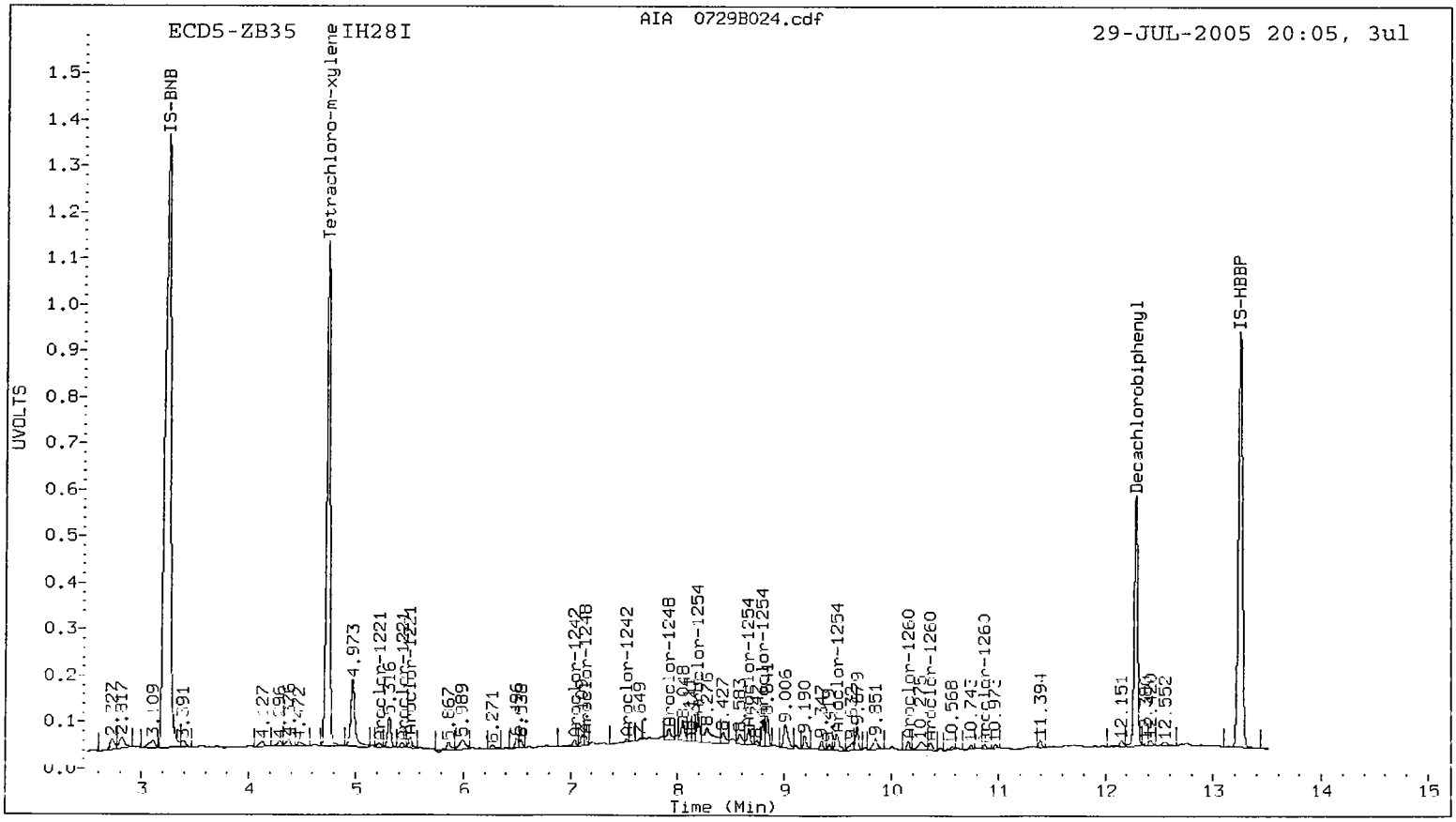
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1242
5.583
Decachlorobiphenyl
IS-HBBP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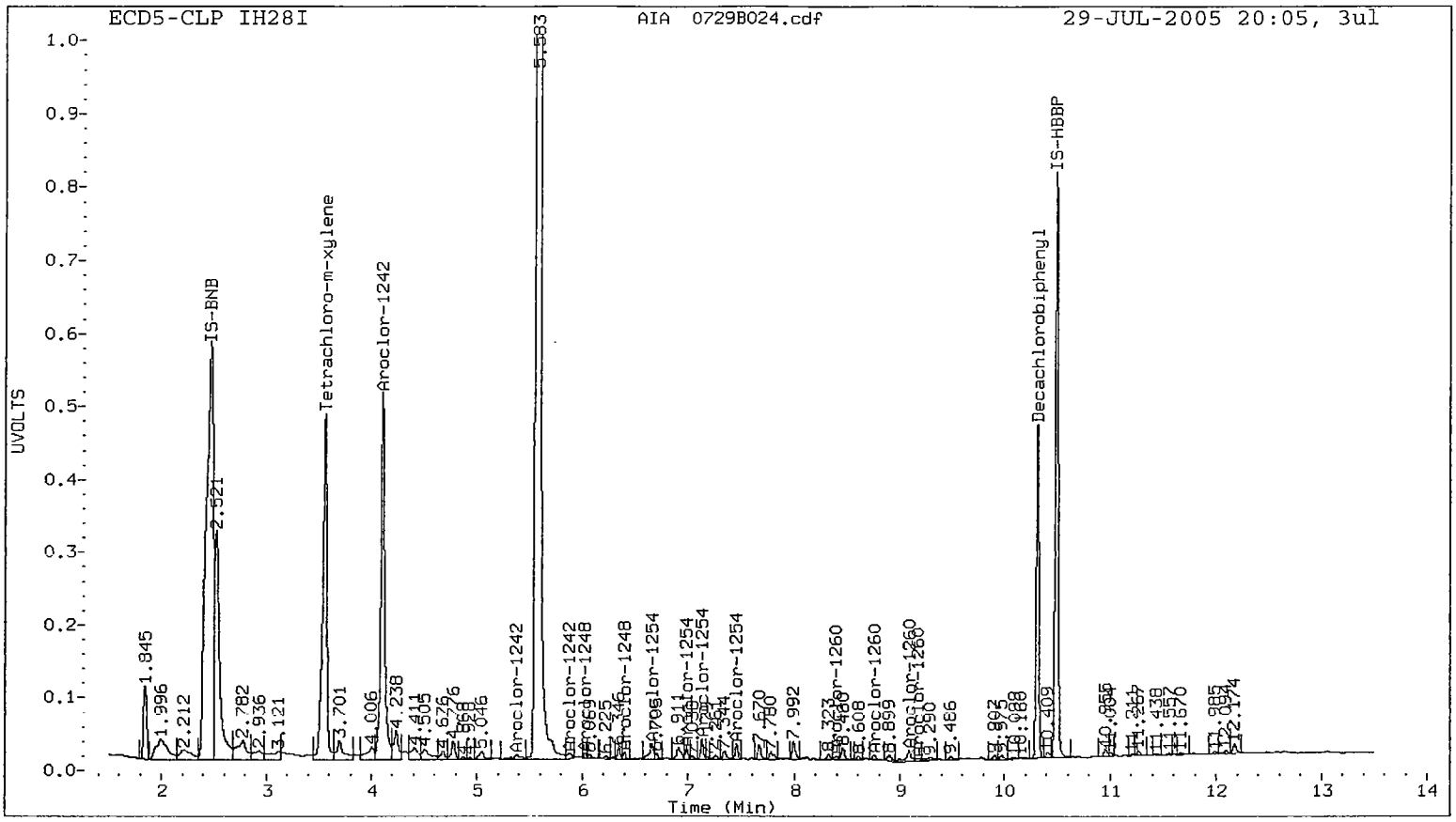
Decachlorobiphenyl
IS-HBBP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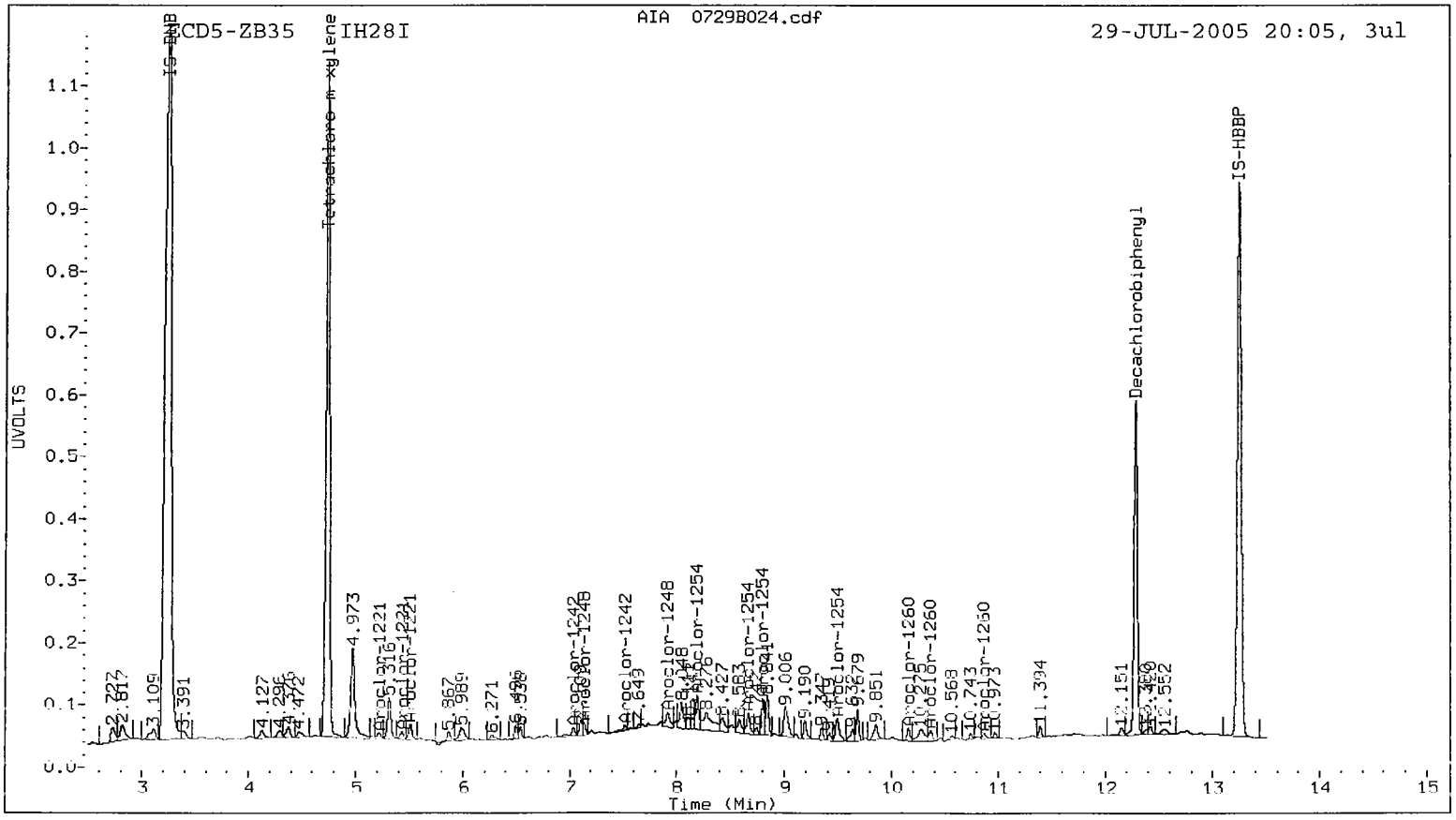
Tetrachloro-m-xylene
Aroclor-1242
IS-HBBP
Decachlorobiphenyl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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
IS-HBBP
Decachlorobiphenyl

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-RI-SEDC-06B
SAMPLE

Lab Sample ID: IH28J
LIMS ID: 05-11890
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/14/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/29/05 20:22
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: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.6
Percent Moisture: 34.8%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	19	< 20 U
53469-21-9	Aroclor 1242	19	< 20 U
12672-29-6	Aroclor 1248	19	< 20 U
11097-69-1	Aroclor 1254	19	< 20 U
11096-82-5	Aroclor 1260	19	< 20 U
11104-28-2	Aroclor 1221	19	< 20 U
11141-16-5	Aroclor 1232	19	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	93.0%
Tetrachlorometaxylene	93.2%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B025.d
Data file 2: 20050720.b/0729-2.b/0729B025.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH28J
Client ID: AN-RI-SEDC-06B
Injection Date: 29-JUL-2005 20:22
Report Date: 08/02/2005 09:56
Matrix: SOIL
Dilution Factor: 1.000

CLP Col RT	CLP Col Shift	CLP Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.562	0.020	67423914	4.742	0.013	12308895	0.0319	0.0373	15.8	Tetrachloro-m-xylene
10.312	0.005	47218434	12.283	0.008	6204720	0.0372	0.0360	3.2	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	79.6	93.3
Decachlorobiphenyl	92.9	90.0

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	149593862	18.9
Hexabromobiphenyl	62776174	80157093	27.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	24204760	2.4
Hexabromobiphenyl	10484374	11405644	8.8

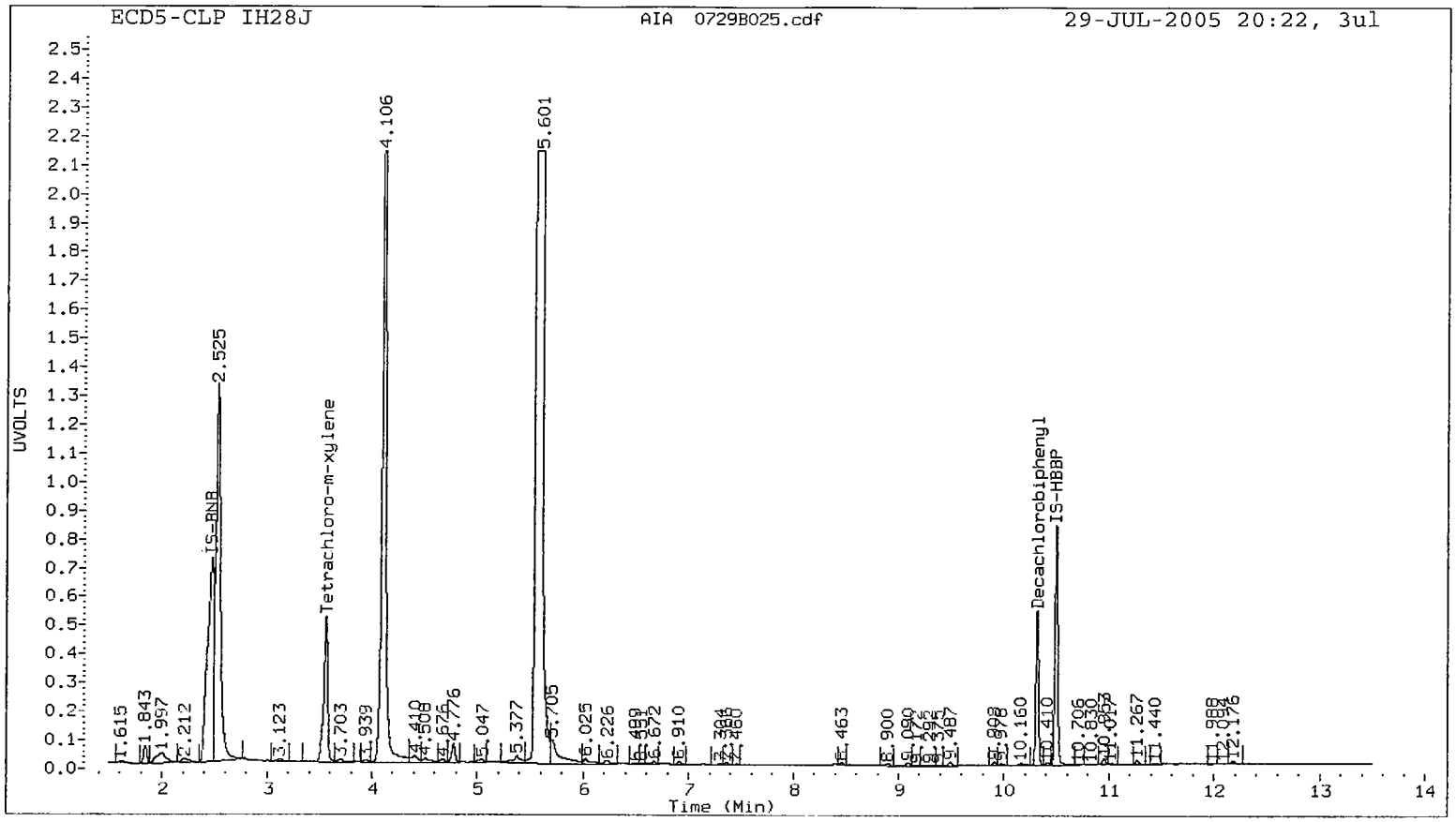
* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	CLP Col Peak#	RT	Shift	Area	Amount	ZB35 Col Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	---			0.000	2	---			0.000
Aroclor-1260	3	---			0.000	3	---			0.000
Aroclor-1260	4	---			0.000	4	---			0.000
Aroclor-1260	5	---			0.000	5	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	---			0.000
Aroclor-1262	3	---			0.000	3	---			0.000
Aroclor-1262	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				

Total PCB Area Col1 (3.642 - 10.391) = 1006747837 Col1 Total PCB = 1.2 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 15585206 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.5ppm in ical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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
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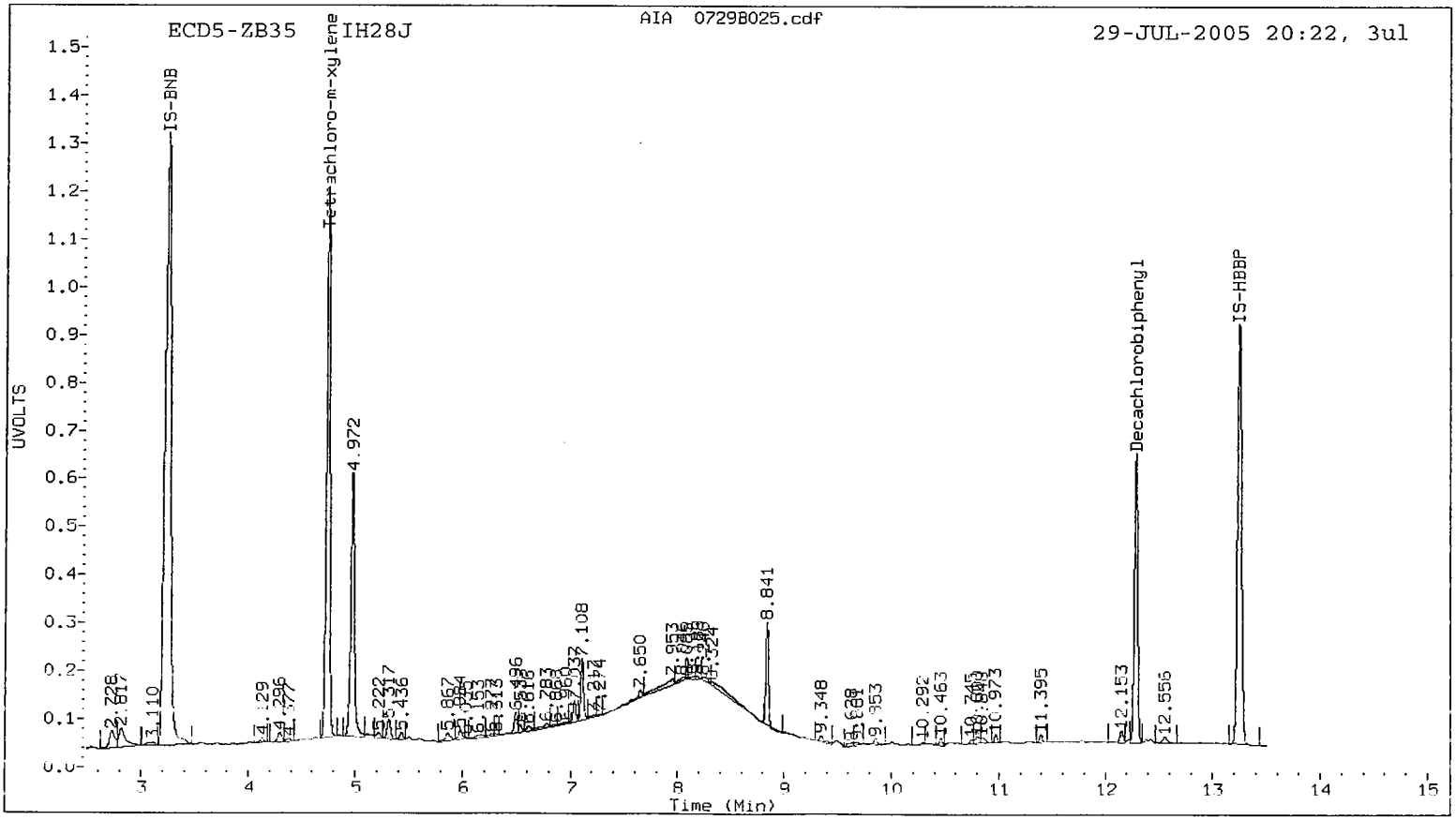
4.106
5.601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IS-HBBP
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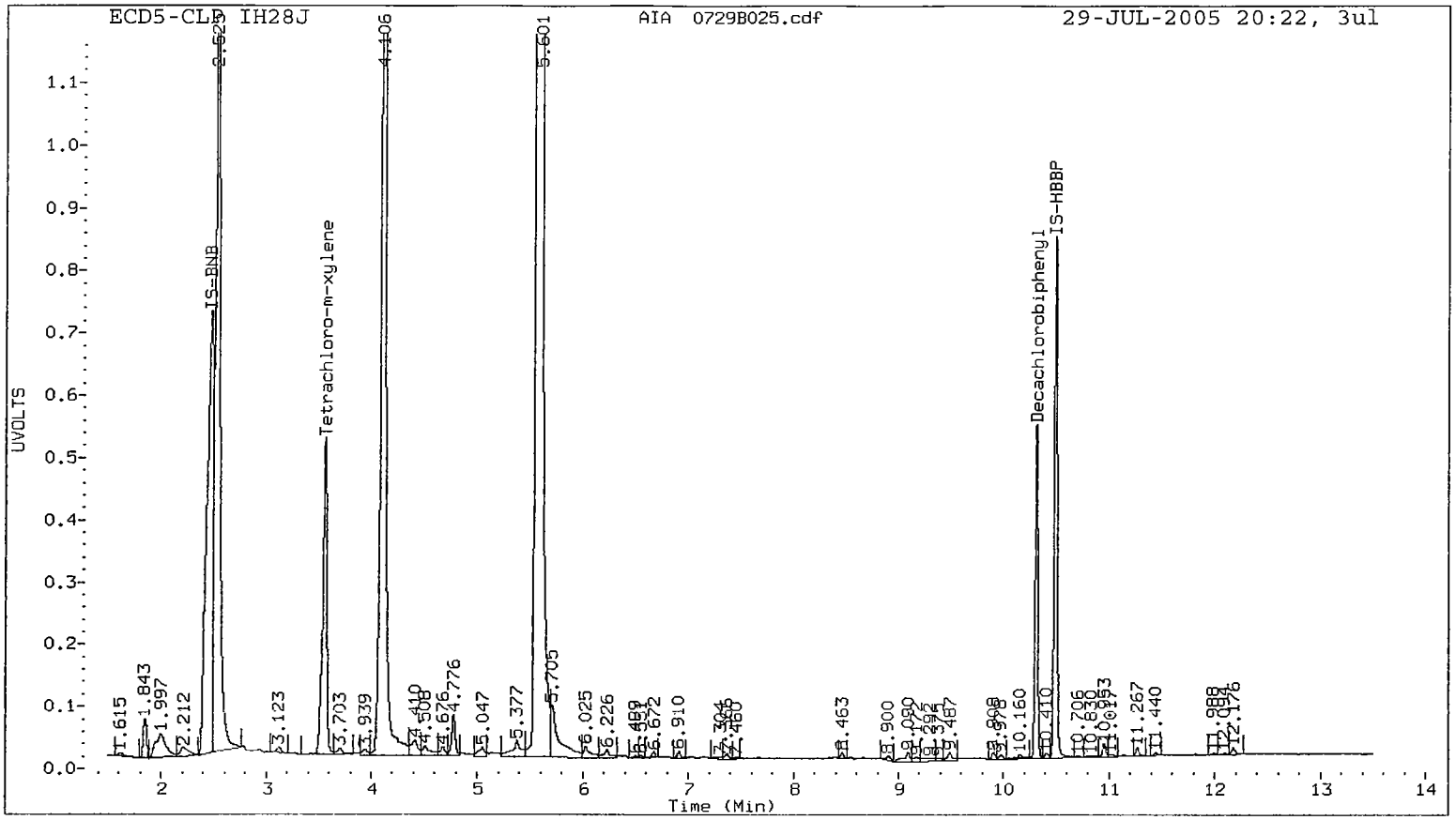
8.841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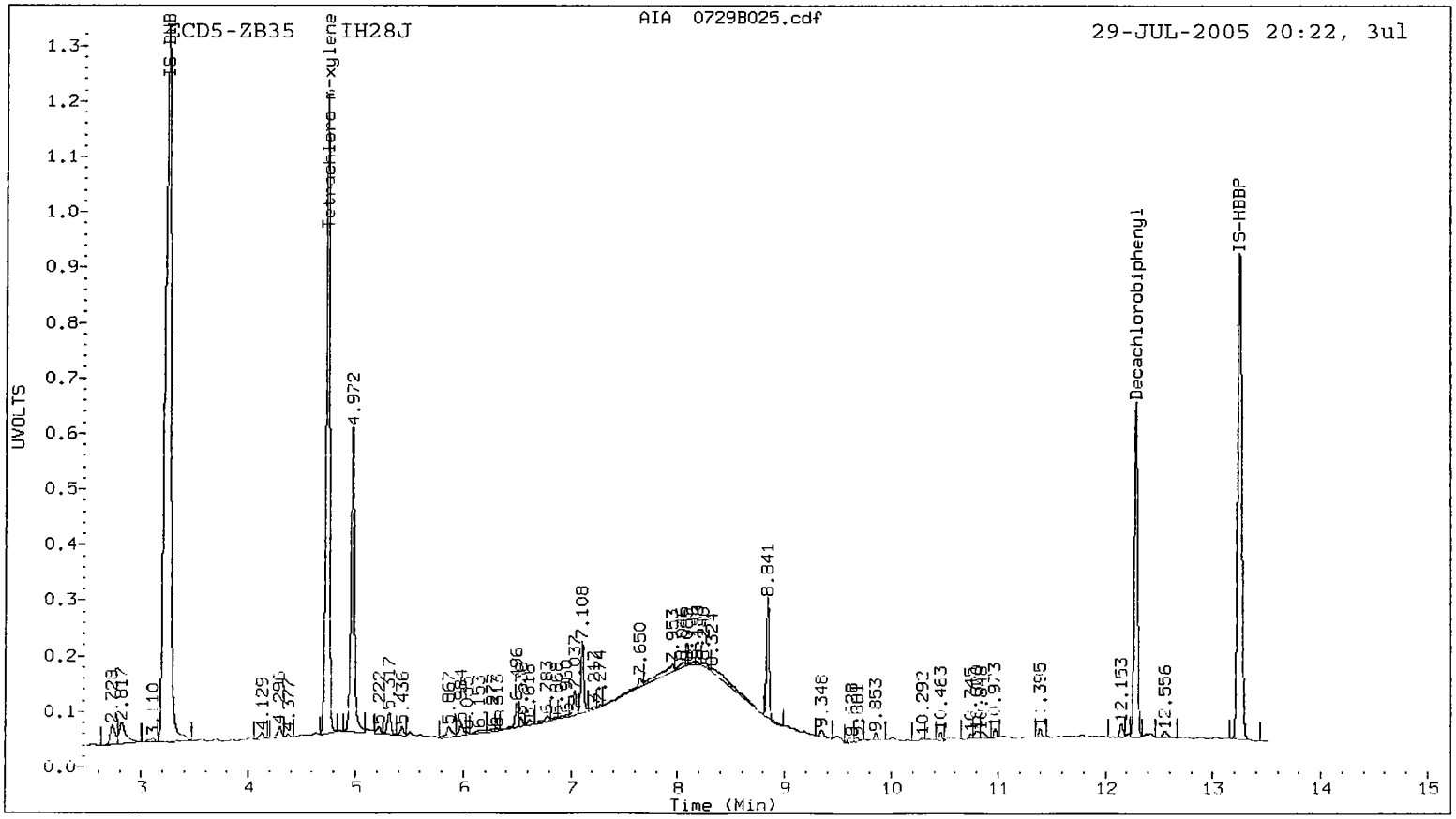
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-RI-SEDC-06C
SAMPLE

Lab Sample ID: IH28K
LIMS ID: 05-11891
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/14/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/29/05 20:39
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 26.0 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.7
Percent Moisture: 34.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	19	< 19 U
53469-21-9	Aroclor 1242	19	< 19 U
12672-29-6	Aroclor 1248	19	< 19 U
11097-69-1	Aroclor 1254	19	< 19 U
11096-82-5	Aroclor 1260	19	< 19 U
11104-28-2	Aroclor 1221	19	< 19 U
11141-16-5	Aroclor 1232	19	< 19 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	88.0%
Tetrachlorometaxylene	88.0%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B026.d
Data file 2: 20050720.b/0729-2.b/0729B026.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH28K
Client ID: AN-RI-SEDC-06C
Injection Date: 29-JUL-2005 20:39
Report Date: 08/02/2005 09:56
Matrix: SOIL
Dilution Factor: 1.000

CLP Col RT	CLP Col Shift	CLP Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.563	0.021	69508309	4.744	0.015	12814416	0.0327	0.0352	7.5	Tetrachloro-m-xylene
10.313	0.006	49801778	12.283	0.007	5677651	0.0352	0.0330	6.6	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	81.7	88.0
Decachlorobiphenyl	88.1	82.5

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	150339708	19.5
Hexabromobiphenyl	62776174	89184981	42.1

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	26716028	13.0
Hexabromobiphenyl	10484374	11386660	8.6

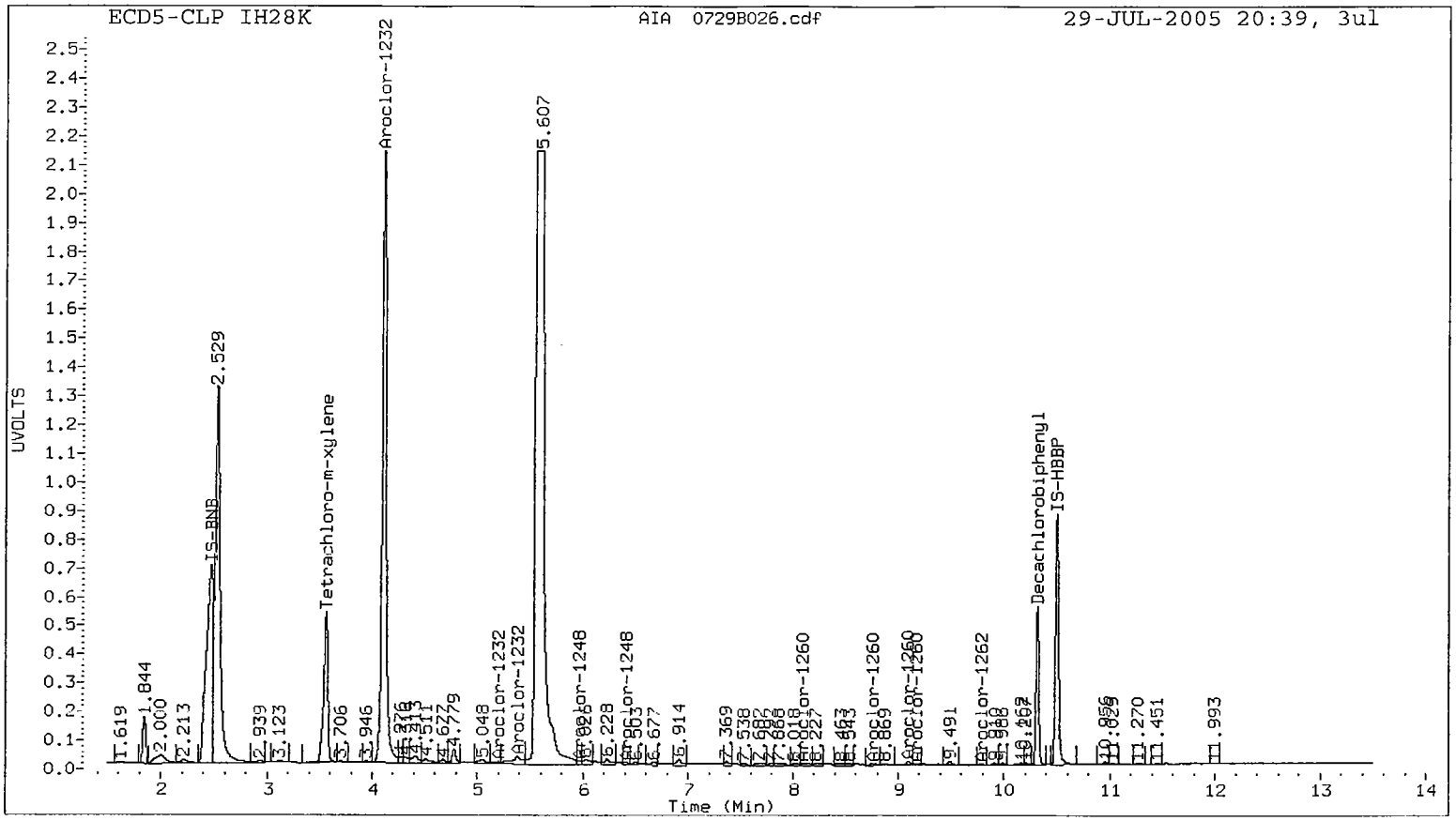
* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
		CLP Col					ZB35 Col			
Aroclor-1016	1	---			0.000	1	6.151	0.005	132705	0.011
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	6.869	-0.024	71768	0.008
Aroclor-1016	4	---			0.000	4	7.497	-0.015	86494	0.013
		Col1Ave: <3 Quant Peaks					Col2Ave: 0.011			
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
		Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks			
Aroclor-1232	1	4.108	0.032	287765473	7.334	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	5.204	0.017	2226718	0.038	3	---			0.000
Aroclor-1232	4	5.380	0.022	9611043	0.369	4	---			0.000
		Total Col1Ave (3 peaks): 2.580					Col2Ave: <3 Quant Peaks			
Aroclor-1242	1	4.108	0.029	287765473	9.615	1	---			0.000
Aroclor-1242	2	5.204	0.015	2226718	0.021	2	---			0.000
Aroclor-1242	3	5.380	0.021	9611043	0.193	3	6.869	-0.025	71768	0.010
Aroclor-1242	4	---			0.000	4	7.038	-0.015	302228	0.064
Aroclor-1242	NS	---			----	5	7.497	-0.015	86494	0.015
		Total Col1Ave (3 peaks): 3.276					Total Col2Ave (3 peaks): 0.030		RPD = 196*	
		Corrected Ave: < 3 Peaks					Corrected Ave: < 3 Peaks			
Aroclor-1248	1	5.204	0.019	2226718	0.027	1	---			0.000
Aroclor-1248	2	---			0.000	2	7.110	-0.022	1113799	0.142
Aroclor-1248	3	5.971	-0.009	1876196	0.043	3	7.497	-0.016	86494	0.010
Aroclor-1248	4	6.411	0.015	1565309	0.022	4	7.961	0.049	1042262	0.082
		Total Col1Ave (3 peaks): 0.031					Total Col2Ave (3 peaks): 0.078		RPD = 87*	
		Corrected Ave (3 peaks): 0.031					Corrected Ave: < 3 Peaks			
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
		Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks			
Aroclor-1260	1	8.100	-0.015	2171593	0.029	1	---			0.000
Aroclor-1260	2	---			0.000	2	---			0.000
Aroclor-1260	3	8.763	0.010	1270409	0.008	3	---			0.000
Aroclor-1260	4	9.096	0.016	1689011	0.013	4	---			0.000
Aroclor-1260	5	9.175	0.013	300884	0.007	5	---			0.000
		Total Col1Ave (4 peaks): 0.014					Col2Ave: <3 Quant Peaks			
Aroclor-1262	1	8.100	-0.016	2171593	0.017	1	---			0.000
Aroclor-1262	2	8.763	0.009	1270409	0.005	2	---			0.000
Aroclor-1262	3	9.175	0.013	300884	0.003	3	---			0.000
Aroclor-1262	4	9.786	0.007	413918	0.006	4	---			0.000
		Total Col1Ave (4 peaks): 0.008					Col2Ave: <3 Quant Peaks			
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
		Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks			

Total PCB Area Col1 (3.642 - 10.391) = 1076920553 Col1 Total PCB = 1.3 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 14026689 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.5ppm in Ical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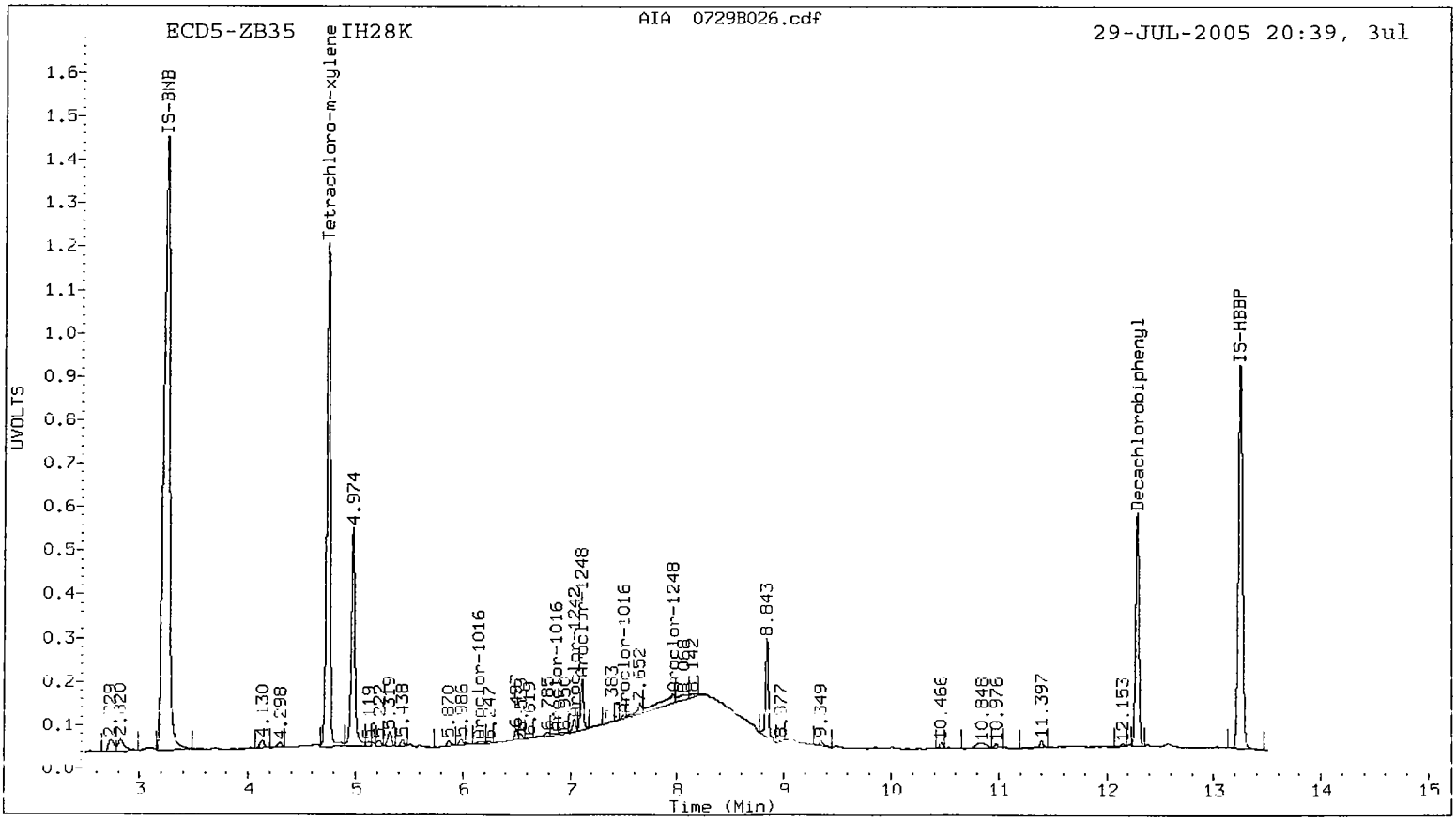
AIA 0729B026.cdf
29-JUL-2005 20:39, 3ul
UVOLTS
Time (Min)
Aroclor-1232
5.607
2.529
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP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AIA 0729B026.cdf
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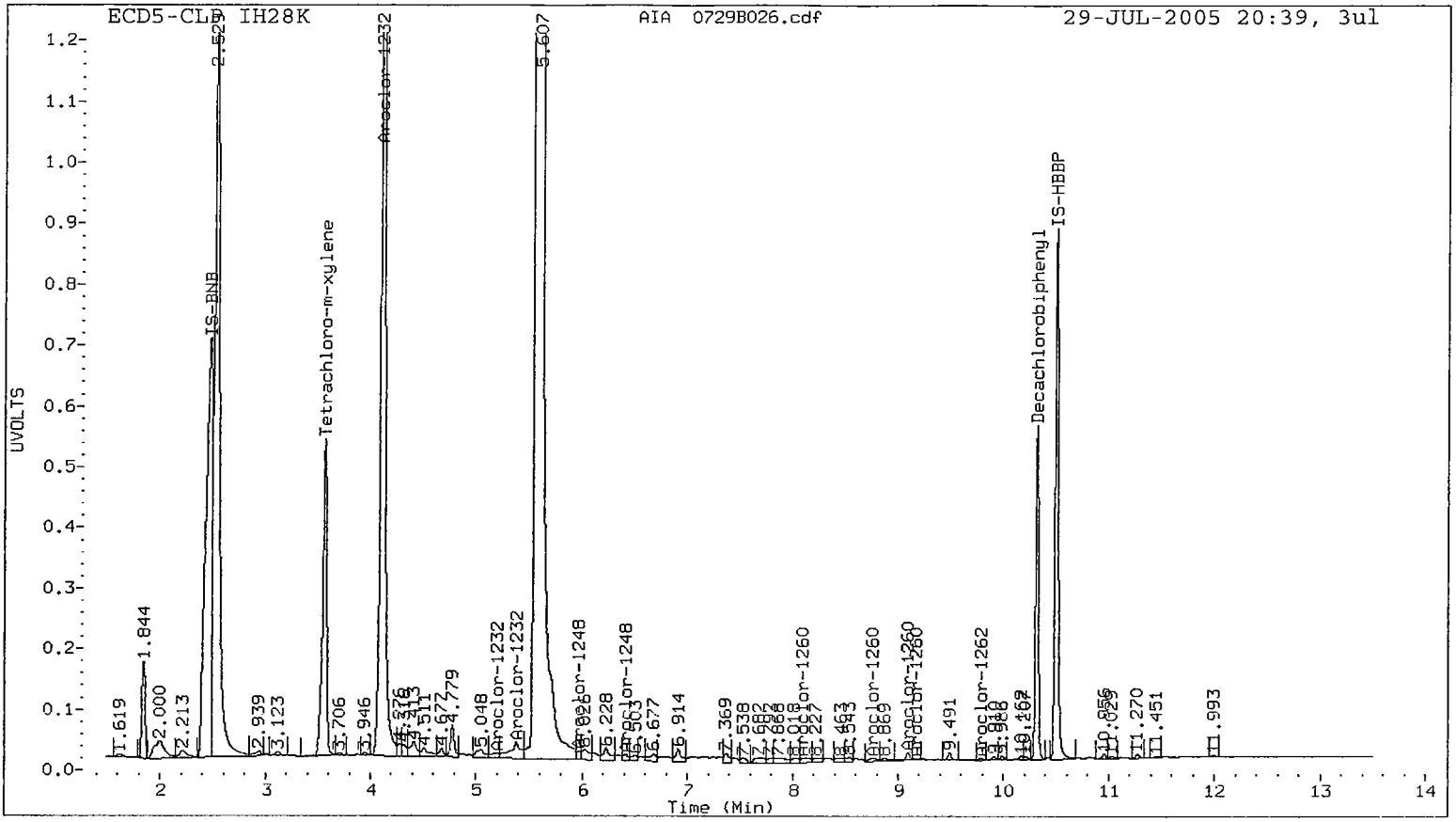
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
4.974
8.843
Decachlorobiphenyl
IS-HBBP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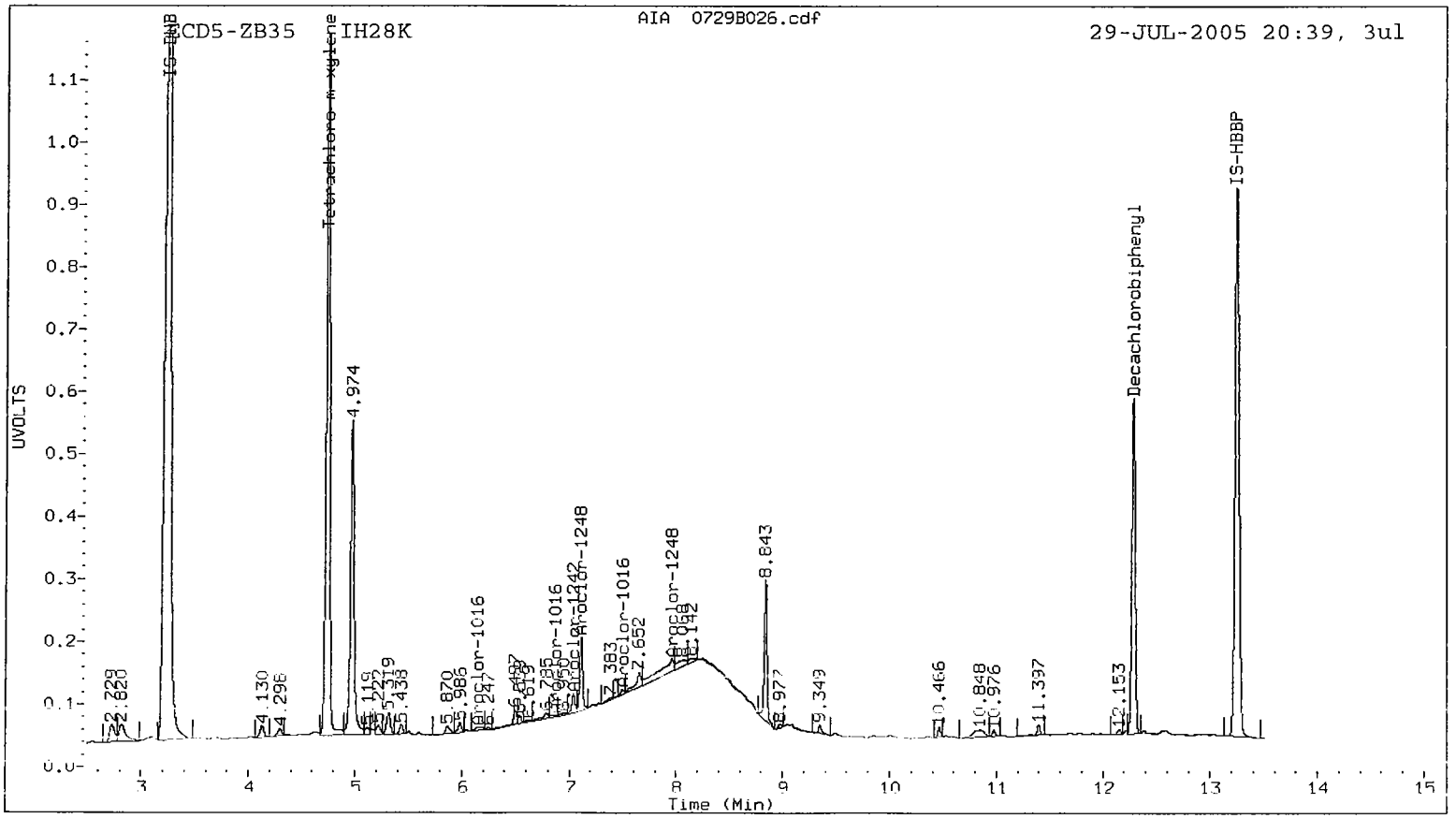
AIA 0729B026.cdf
29-JUL-2005 20:39, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1232
Decachlorobiphenyl
IS-HBBP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AIA 0729B026.cdf
29-JUL-2005 20:39, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
4.974
Decachlorobiphenyl
IS-HBBP

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-RI-SEDC-07A
SAMPLE

Lab Sample ID: IH28L
LIMS ID: 05-11892
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/14/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/29/05 20:56
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: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.5
Percent Moisture: 35.5%

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

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	90.0%
Tetrachlorometaxylene	88.5%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B027.d
Data file 2: 20050720.b/0729-2.b/0729B027.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH28L
Client ID: AN-RI-SEDC-07A
Injection Date: 29-JUL-2005 20:56
Report Date: 08/02/2005 09:56
Matrix: SOIL
Dilution Factor: 1.000

CLP Col RT	CLP Col Shift	CLP Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.562	0.020	71430544	4.742	0.013	12296672	0.0332	0.0354	6.5	Tetrachloro-m-xylene
10.312	0.005	49377069	12.282	0.007	5821716	0.0360	0.0335	7.1	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	83.1	88.6
Decachlorobiphenyl	90.0	83.7

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	151928287	20.8
Hexabromobiphenyl	62776174	86567216	37.9

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	25467215	7.7
Hexabromobiphenyl	10484374	11494532	9.6

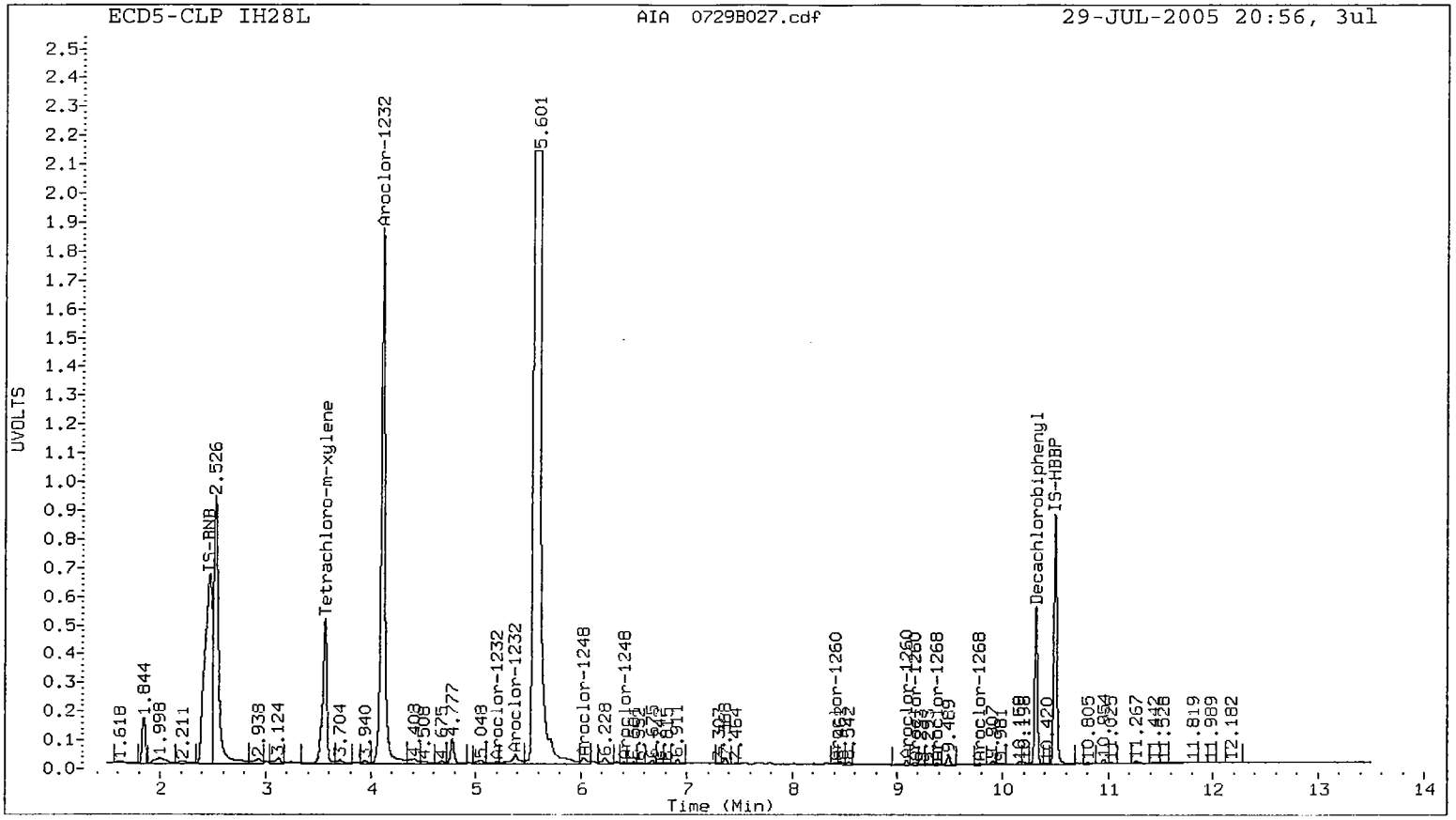
* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	CLP Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	6.147	0.001	97980	0.009
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	6.864	-0.029	75945	0.008
Aroclor-1016	4	---			0.000	4	7.495	-0.017	98300	0.015
		Col1Ave: <3 Quant Peaks					Col2Ave: 0.011			
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
		Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks			
Aroclor-1232	1	4.107	0.031	234543668	5.915	1	5.508	-0.048	127140	0.022
Aroclor-1232	2	---			0.000	2	6.147	-0.002	97980	0.018
Aroclor-1232	3	5.201	0.014	2223997	0.037	3	---			0.000
Aroclor-1232	4	5.378	0.020	8409779	0.319	4	7.036	-0.018	682225	0.292
		Total Col1Ave (3 peaks): 2.091					Total Col2Ave (3 peaks): 0.111			RPD = 180*
		Corrected Ave: < 3 Peaks					Corrected Ave: < 3 Peaks			
Aroclor-1242	1	4.107	0.028	234543668	7.755	1	5.508	-0.048	127140	0.031
Aroclor-1242	2	5.201	0.012	2223997	0.021	2	---			0.000
Aroclor-1242	3	5.378	0.019	8409779	0.167	3	6.864	-0.030	75945	0.011
Aroclor-1242	4	---			0.000	4	7.036	-0.017	682225	0.152
Aroclor-1242	NS	---			----	5	7.495	-0.017	98300	0.018
		Total Col1Ave (3 peaks): 2.648					Total Col2Ave (4 peaks): 0.053			RPD = 192*
		Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks): 0.020			
Aroclor-1248	1	5.201	0.016	2223997	0.027	1	---			0.000
Aroclor-1248	2	---			0.000	2	7.108	-0.024	955922	0.128
Aroclor-1248	3	6.027	0.047	3902728	0.088	3	7.495	-0.018	98300	0.011
Aroclor-1248	4	6.410	0.014	1114246	0.016	4	7.957	0.045	436234	0.036
		Total Col1Ave (3 peaks): 0.043					Total Col2Ave (3 peaks): 0.059			RPD = 30
		Corrected Ave: < 3 Peaks					Corrected Ave: < 3 Peaks			
Aroclor-1254	1	---			0.000	1	8.147	-0.039	40804	0.004
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	8.841	0.047	2015371	0.126
Aroclor-1254	4	---			0.000	4	9.491	0.007	216316	0.023
		Col1Ave: <3 Quant Peaks					Col2Ave: 0.051			
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	8.413	0.015	872103	0.011	2	---			0.000
Aroclor-1260	3	---			0.000	3	---			0.000
Aroclor-1260	4	9.092	0.012	3412471	0.027	4	---			0.000
Aroclor-1260	5	9.171	0.009	1714718	0.042	5	---			0.000
		Total Col1Ave (3 peaks): 0.027					Col2Ave: <3 Quant Peaks			
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	---			0.000
Aroclor-1262	3	---			0.000	3	---			0.000
Aroclor-1262	4	---			0.000	4	---			0.000
		Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks			
Aroclor-1268	1	9.171	0.014	1714718	0.007	1	---			0.000
Aroclor-1268	2	9.375	0.003	1154420	0.006	2	---			0.000
Aroclor-1268	3	9.779	0.001	778275	0.011	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
		Total Col1Ave (3 peaks): 0.008					Col2Ave: <3 Quant Peaks			

Total PCB Area Col1 (3.642 - 10.391) = 969013868 Col1 Total PCB = 1.2 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 12785109 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.5ppm in Ical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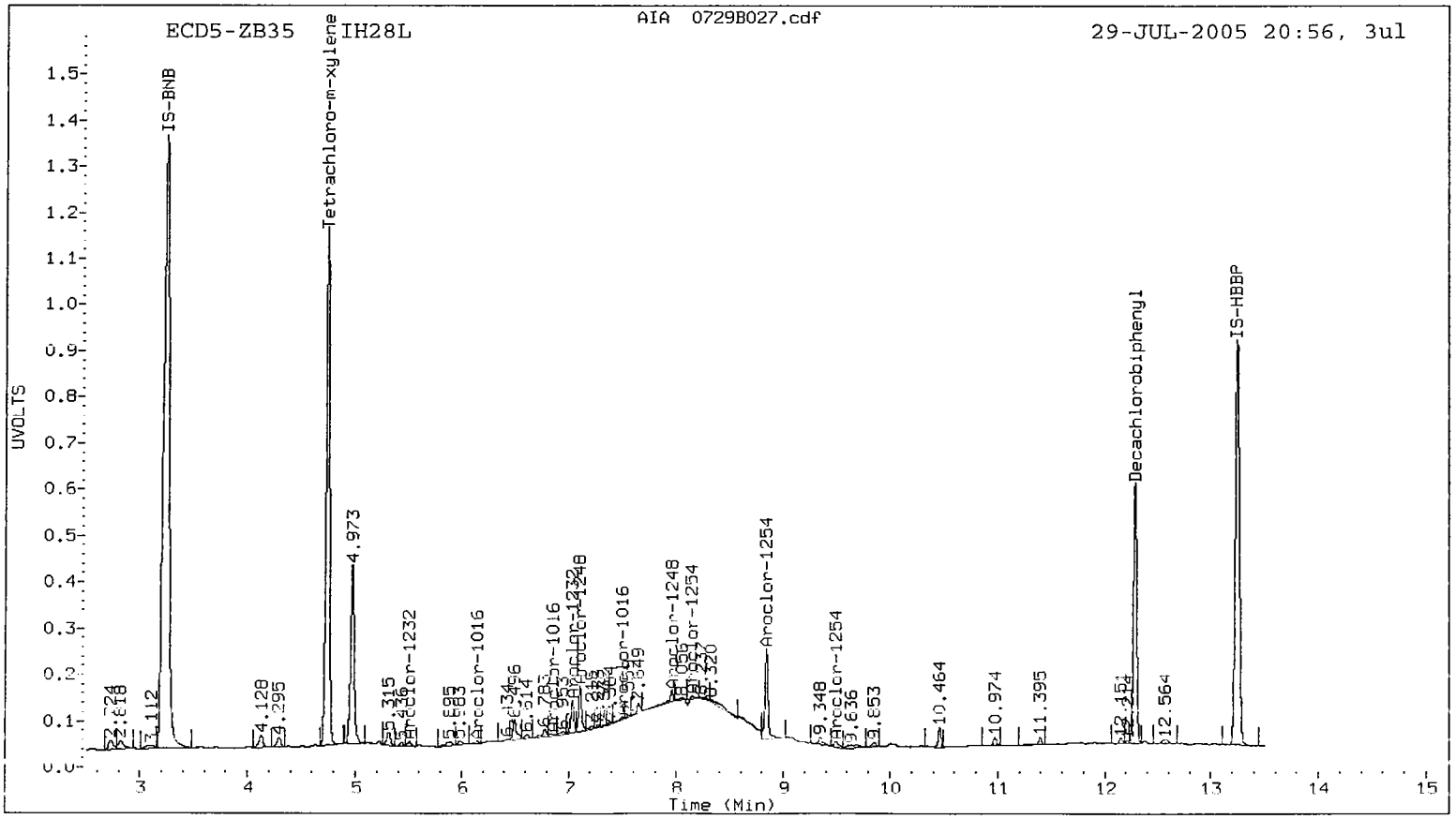
AIA 0729B027.cdf
29-JUL-2005 20:56, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1232
Aroclor-1248
Aroclor-1260
Aroclor-1268
Decachlorobiphenyl
IS-HBBP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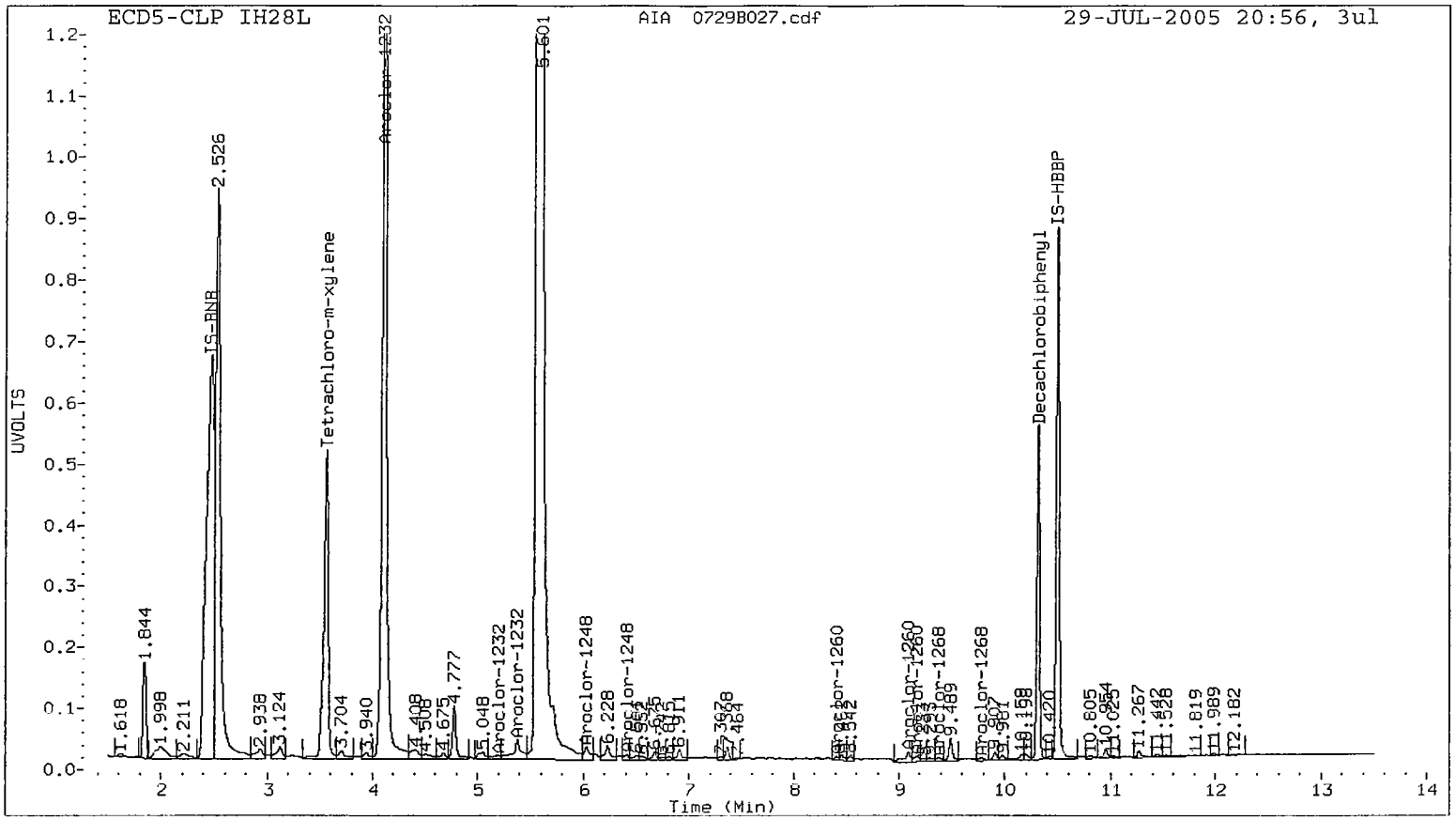
AIA 0729B027.cdf
29-JUL-2005 20:56, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1232
Aroclor-1248
Aroclor-1254
Decachlorobiphenyl
IS-HBBP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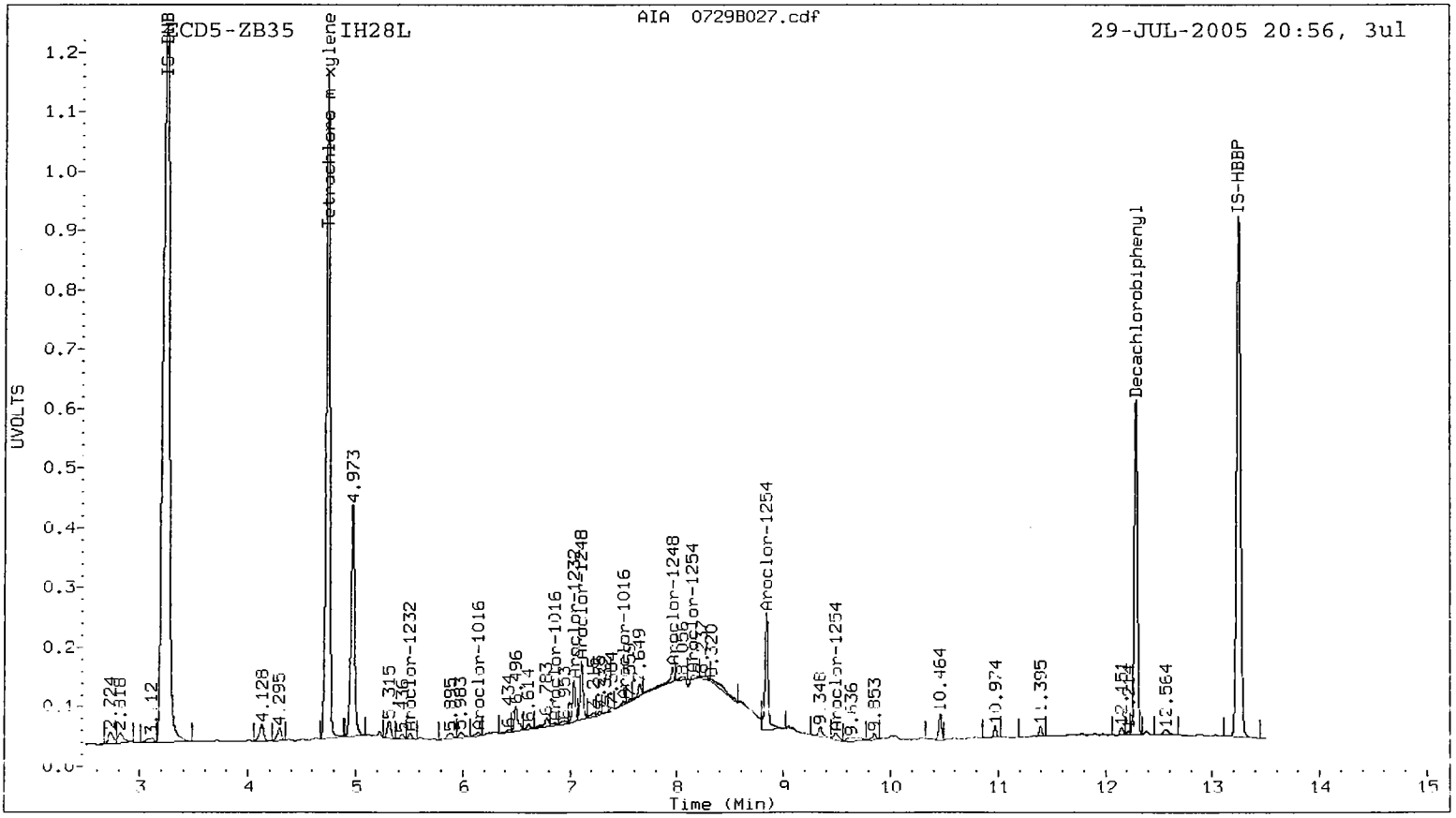
UVOLTS
Time (Min)
1.844
2.526
IS-BNB
Tetrachloro-m-xylene
Aroclor-1232
5.601
Decachlorobiphenyl
IS-HBBP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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
4.973
Aroclor-1254
Decachlorobiphenyl
IS-HBBP

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-RI-SEDC-07B
SAMPLE

Lab Sample ID: IH28M
LIMS ID: 05-11893
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/14/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/29/05 21:13
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.3
Percent Moisture: 47.1%

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

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	84.2%
Tetrachlorometaxylene	87.8%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B028.d
Data file 2: 20050720.b/0729-2.b/0729B028.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH28M
Client ID: AN-RI-SEDC-07B
Injection Date: 29-JUL-2005 21:13
Report Date: 08/02/2005 09:56
Matrix: SOIL
Dilution Factor: 1.000

CLP Col RT	CLP Col Shift	CLP Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.564	0.022	57726911	4.744	0.015	11110292	0.0255	0.0351	31.4	Tetrachloro-m-xylene
10.311	0.004	38126336	12.282	0.007	5715109	0.0337	0.0328	2.7	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	63.9	87.7
Decachlorobiphenyl	84.2	82.0

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	159692215	27.0
Hexabromobiphenyl	62776174	71392596	13.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	23249021	-1.7
Hexabromobiphenyl	10484374	11524924	9.9

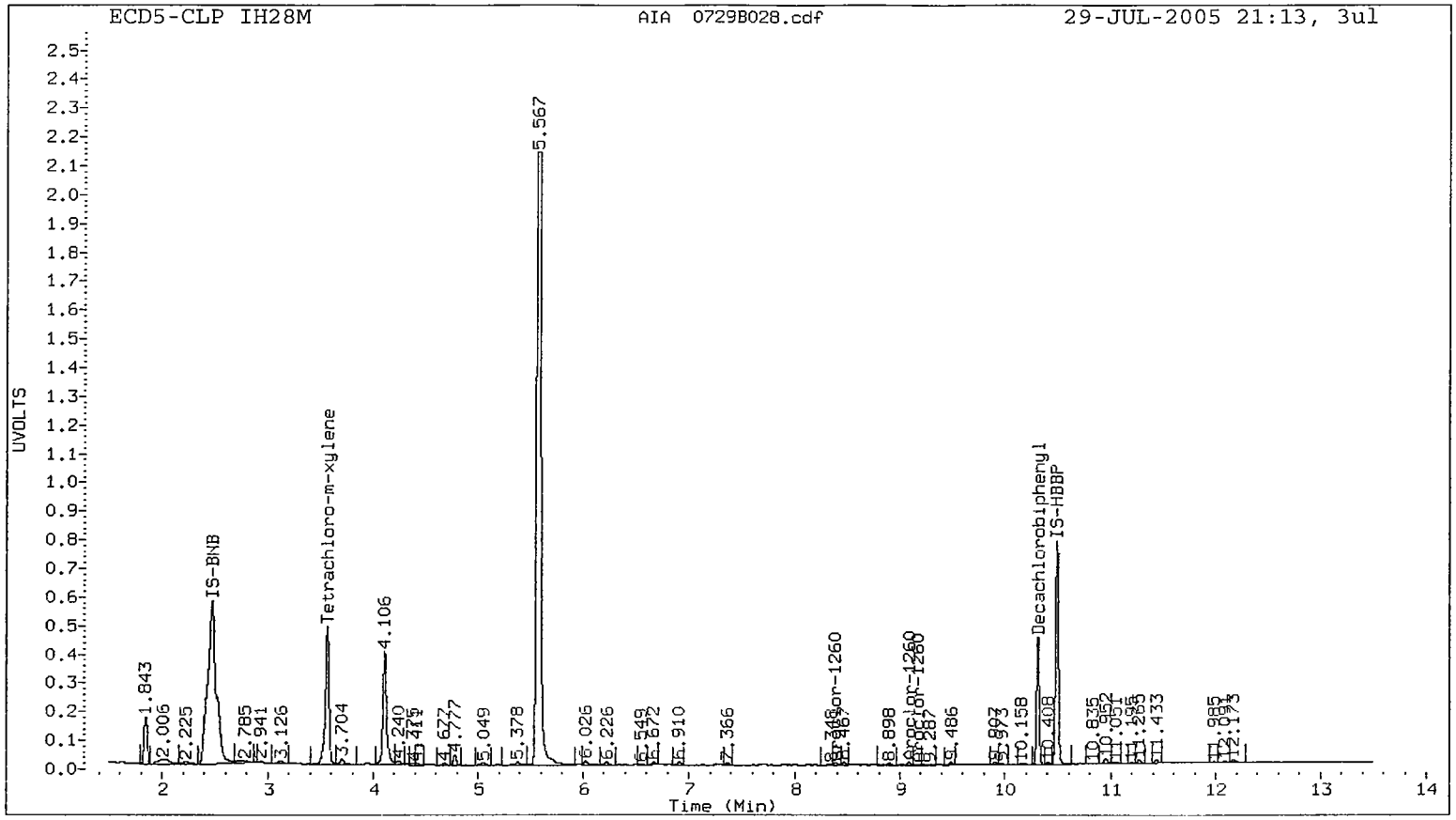
* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

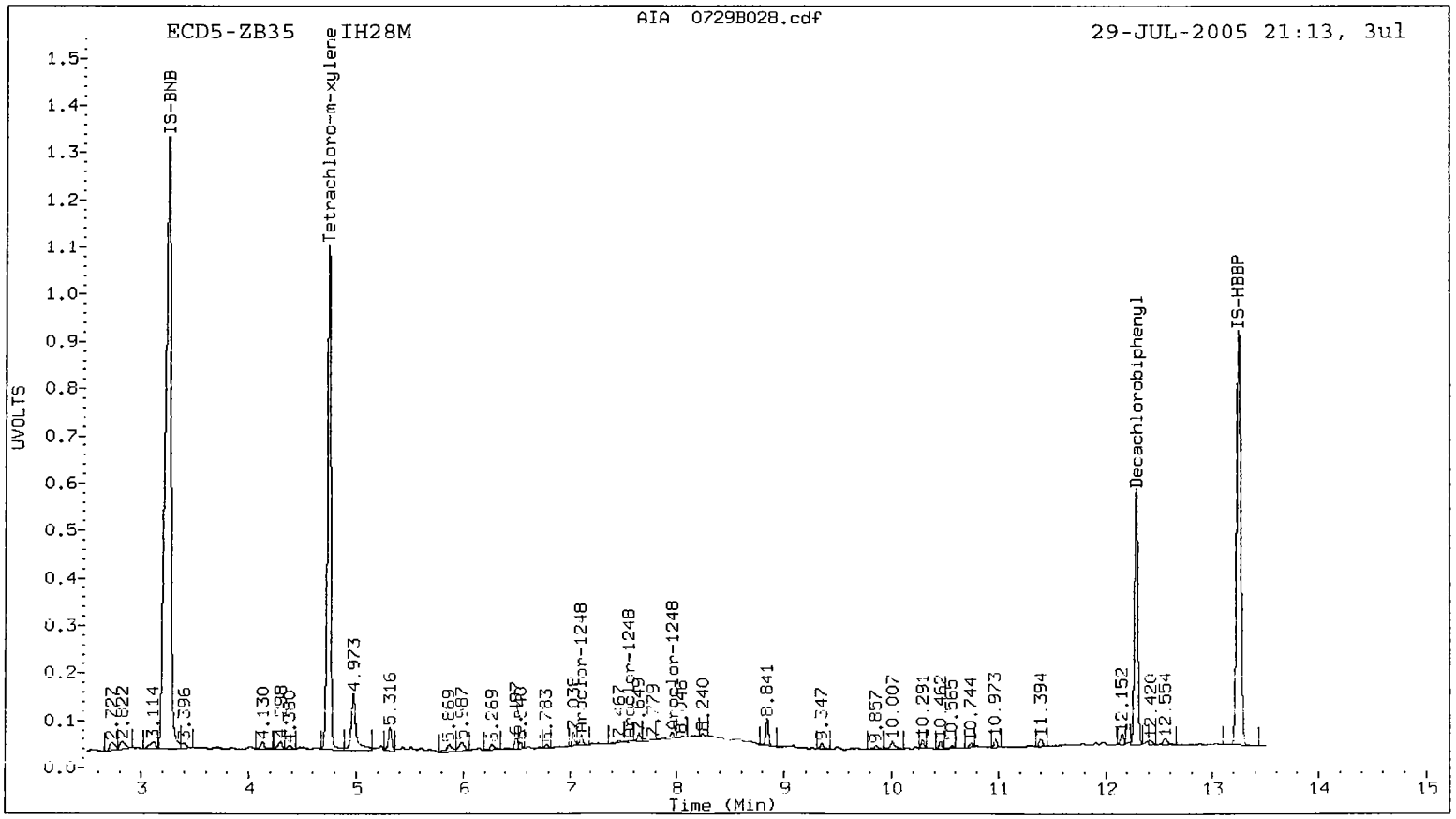
Aroclor	Peak#	RT	CLP Col Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	7.109	-0.023	248936	0.037
Aroclor-1248	3	---			0.000	3	7.556	0.043	78045	0.010
Aroclor-1248	4	---			0.000	4	7.958	0.046	247548	0.022
	Col1Ave: <3 Quant Peaks					Col2Ave: 0.023				
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	8.388	-0.010	904628	0.014	2	---			0.000
Aroclor-1260	3	---			0.000	3	---			0.000
Aroclor-1260	4	9.089	0.009	1739791	0.017	4	---			0.000
Aroclor-1260	5	9.170	0.008	707428	0.021	5	---			0.000
	Total Col1Ave (3 peaks): 0.017					Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	---			0.000
Aroclor-1262	3	---			0.000	3	---			0.000
Aroclor-1262	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				

Total PCB Area Col1 (3.642 - 10.391) = 466345730 Col1 Total PCB = 0.6 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 6207914 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.5ppm in ical


ECD5-CLP IH28M
AIA 0729B028.cdf
29-JUL-2005 21:13, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
4.106
5.567
Decachlorobiphenyl
IS-HBBP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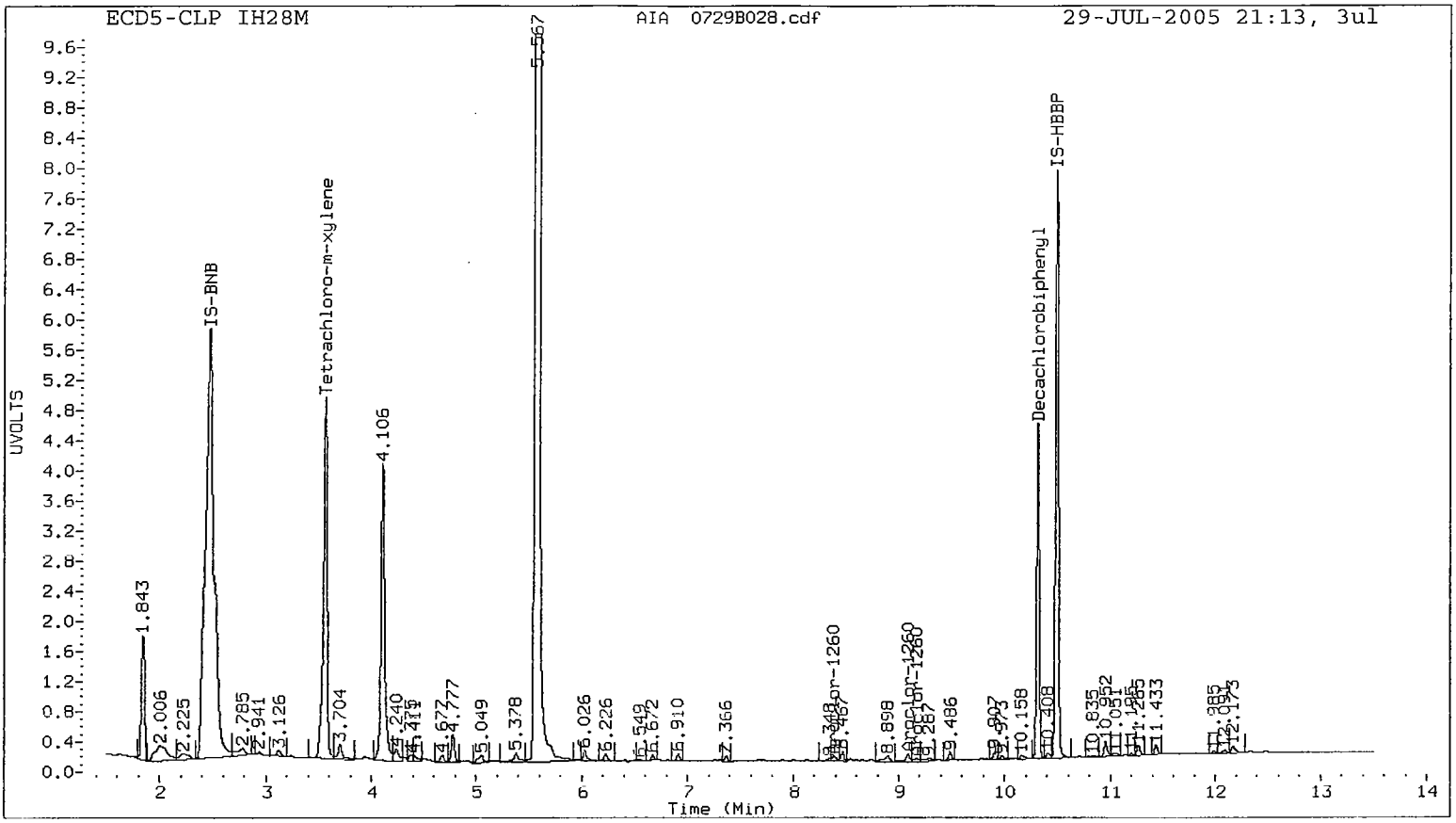
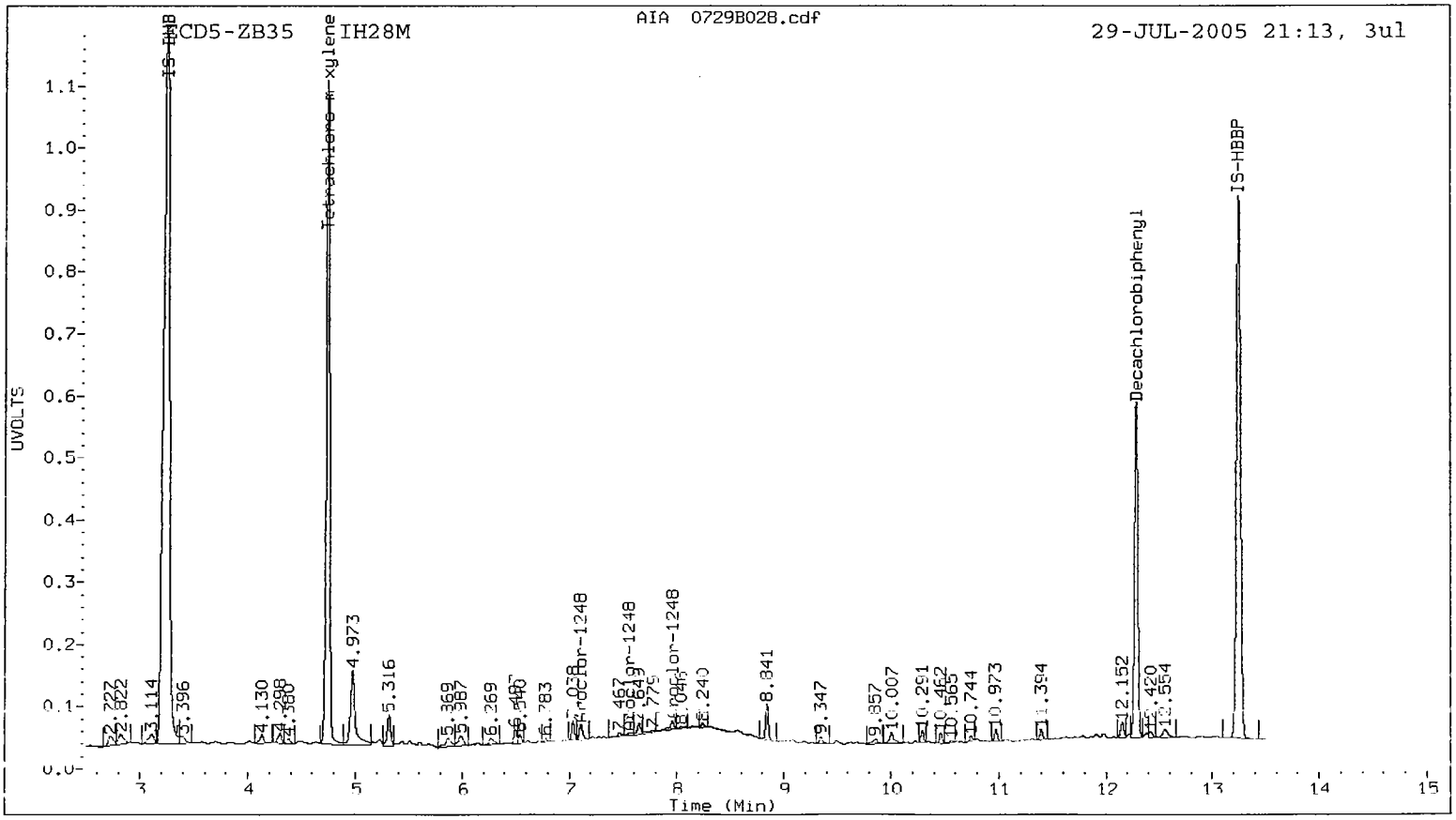
AIA 0729B028.cdf
29-JUL-2005 21:13, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
4.973
5.316
8.841
Decachlorobiphenyl
IS-HBBP


ECD5-CLP IH28M
AIA 0729B028.cdf
29-JUL-2005 21:13, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
4.106
5.567
Decachlorobiphenyl
IS-HBBP
1.843


CD5-ZB35 IH28M
AIA 0729B028.cdf
29-JUL-2005 21:13, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
4.973
Decachlorobiphenyl
IS-HBBP
8.841

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-RI-SEDCZ-08A
SAMPLE

Lab Sample ID: IH28N
LIMS ID: 05-11894
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/13/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/29/05 21:30
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: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.4
Percent Moisture: 51.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	19	< 20 U
53469-21-9	Aroclor 1242	19	< 20 U
12672-29-6	Aroclor 1248	19	< 20 U
11097-69-1	Aroclor 1254	19	< 20 U
11096-82-5	Aroclor 1260	19	< 20 U
11104-28-2	Aroclor 1221	19	< 20 U
11141-16-5	Aroclor 1232	19	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	86.2%
Tetrachlorometaxylene	91.2%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B029.d
Data file 2: 20050720.b/0729-2.b/0729B029.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH28N
Client ID: AN-RI-SEDCZ-08A
Injection Date: 29-JUL-2005 21:30
Report Date: 08/02/2005 09:56
Matrix: SOIL
Dilution Factor: 1.000

CLP Col RT	CLP Col Shift	CLP Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.565	0.023	55993669	4.744	0.015	10812147	0.0345	0.0365	5.6	Tetrachloro-m-xylene
10.311	0.004	37614748	12.282	0.007	5833256	0.0345	0.0341	1.3	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	86.2	91.2
Decachlorobiphenyl	86.4	85.2

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	114719034	-8.8
Hexabromobiphenyl	62776174	68684895	9.4

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	21759274	-8.0
Hexabromobiphenyl	10484374	11315170	7.9

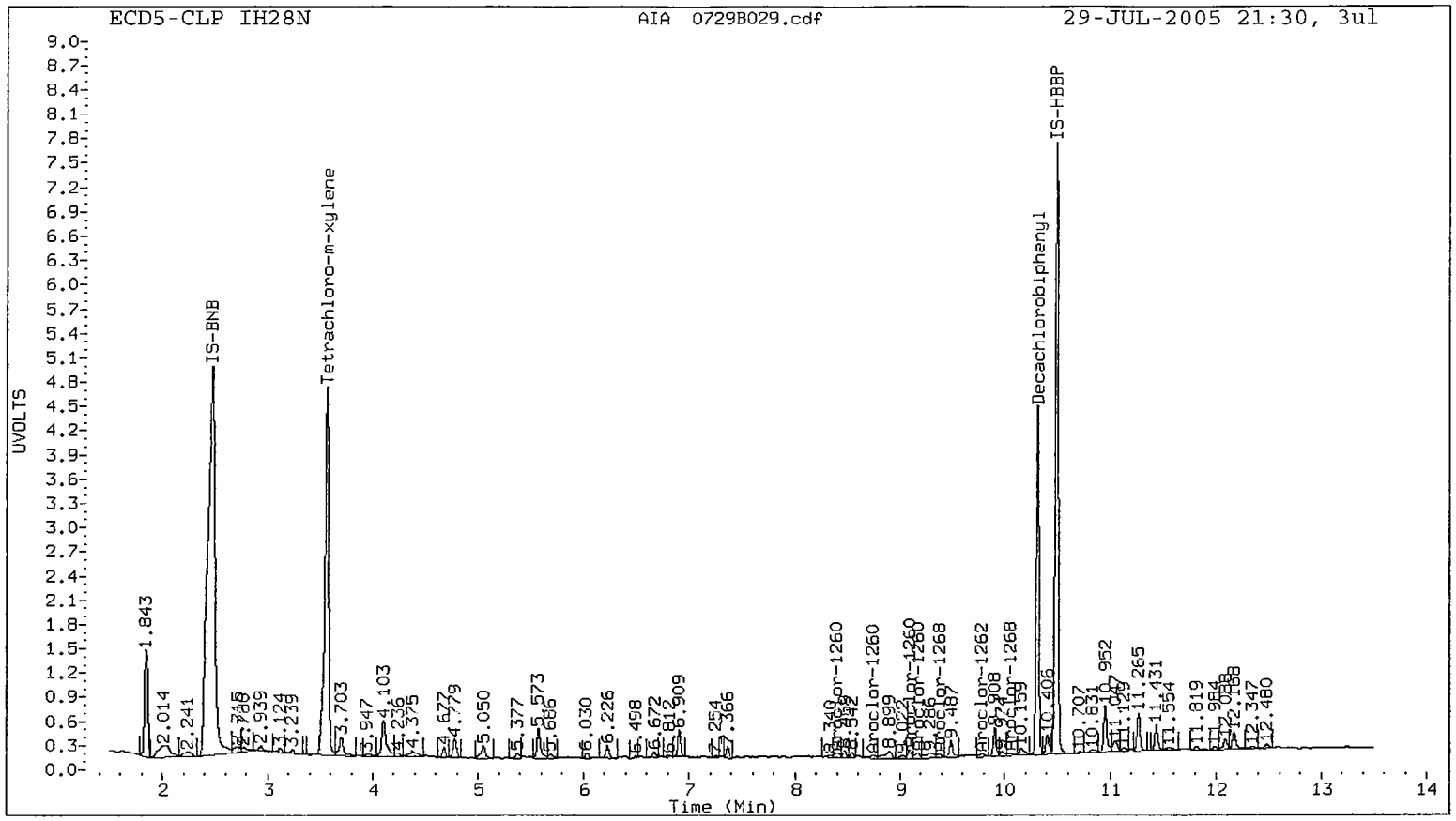
* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

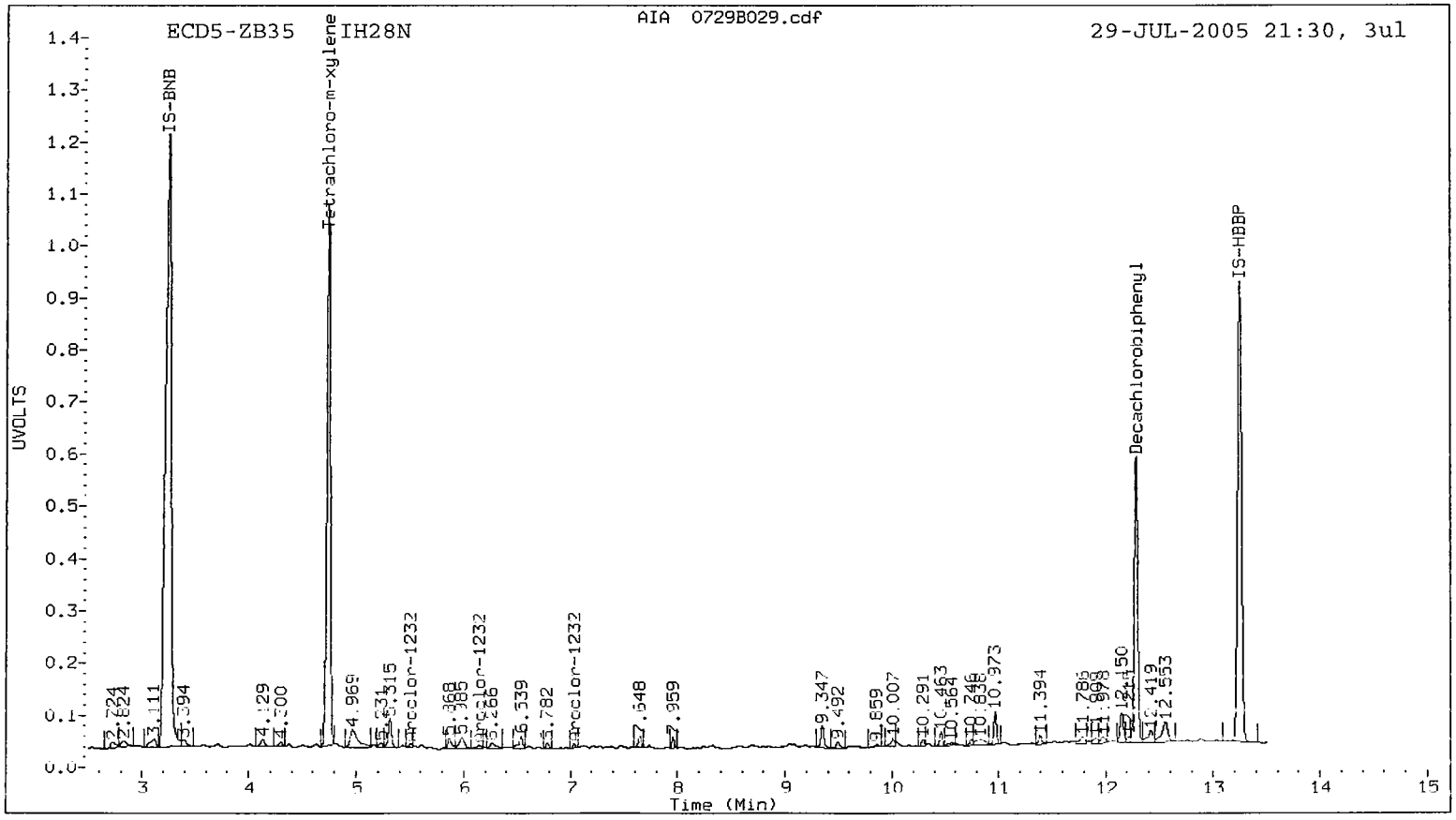
	CLP Col				ZB35 Col			
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	5.508	-0.048	96185	0.019
Aroclor-1232	2	---			0.000	2	6.147	-0.002	93433	0.020
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	7.037	-0.017	67074	0.034
	Col1Ave: <3 Quant Peaks					Col2Ave: 0.024				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	8.393	-0.005	964679	0.016	2	---			0.000
Aroclor-1260	3	8.739	-0.014	1137231	0.009	3	---			0.000
Aroclor-1260	4	9.089	0.009	1388094	0.014	4	---			0.000
Aroclor-1260	5	9.171	0.009	1168461	0.036	5	---			0.000
	Total Col1Ave (4 peaks): 0.019					Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	8.739	-0.015	1137231	0.006	2	---			0.000
Aroclor-1262	3	9.171	0.009	1168461	0.015	3	---			0.000
Aroclor-1262	4	9.781	0.002	733072	0.014	4	---			0.000
	Total Col1Ave (3 peaks): 0.012					Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	9.171	0.014	1168461	0.006	1	---			0.000
Aroclor-1268	2	9.374	0.002	830343	0.006	2	---			0.000
Aroclor-1268	3	9.781	0.003	733072	0.014	3	---			0.000
Aroclor-1268	4	10.048	-0.050	668307	0.002	4	---			0.000
	Total Col1Ave (4 peaks): 0.007					Col2Ave: <3 Quant Peaks				

Total PCB Area Col1 (3.642 - 10.391) = 95465849 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 4414710 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.5ppm in ical


ECD5-CLP IH28N
AIA 0729B029.cdf
29-JUL-2005 21:30, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP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AIA 0729B029.cdf
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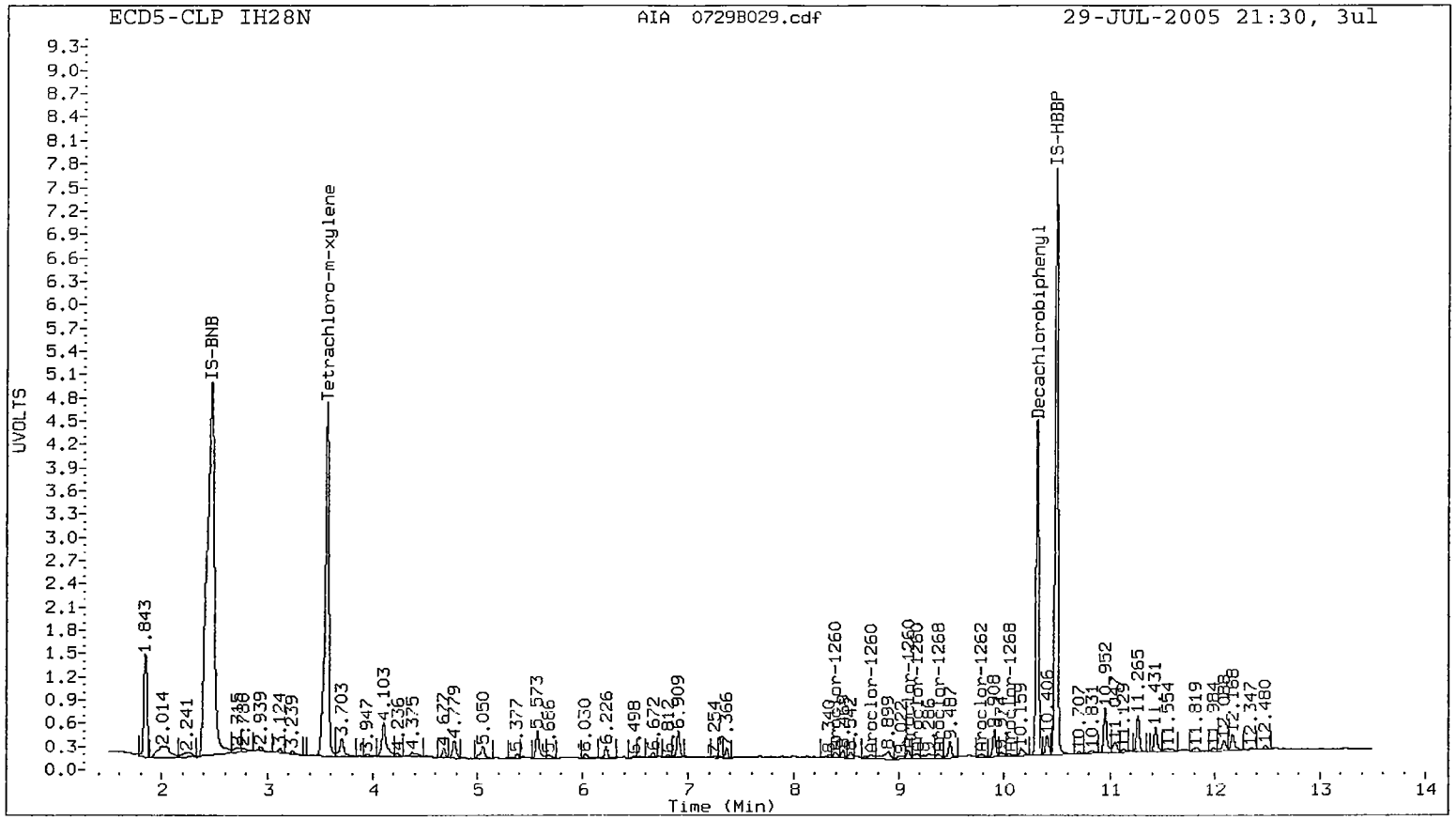
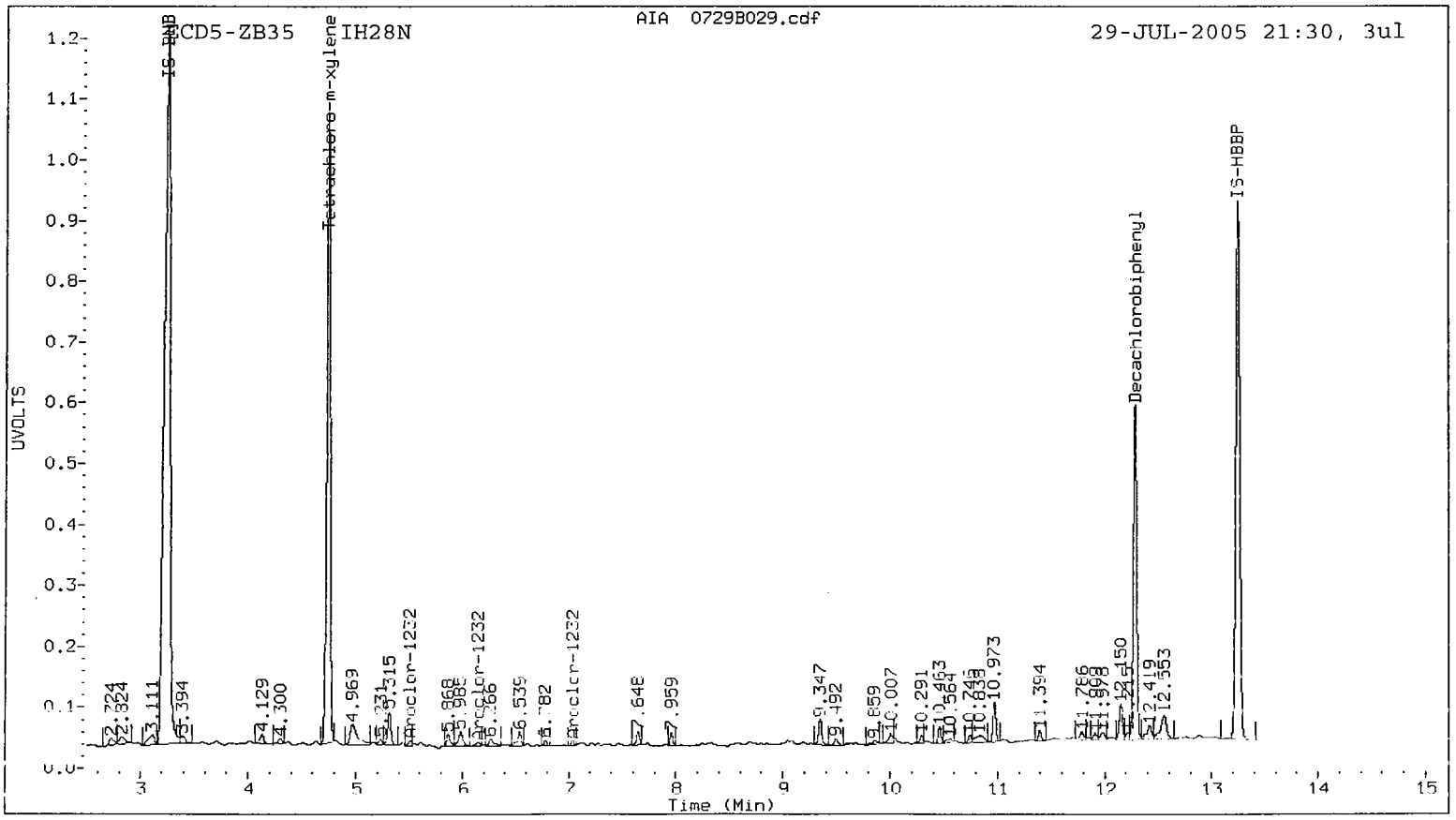
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP


ECD5-CLP IH28N
AIA 0729B029.cdf
29-JUL-2005 21:30, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP


ECD5-ZB35 IH28N
AIA 0729B029.cdf
29-JUL-2005 21:30, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP

ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: AN-RI-SEDCZ-08B
SAMPLE

Lab Sample ID: IH28O
LIMS ID: 05-11895
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH28-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/13/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/29/05 21:47
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: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.3
Percent Moisture: 50.7%

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

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	83.8%
Tetrachlorometaxylene	103%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B030.d
Data file 2: 20050720.b/0729-2.b/0729B030.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH280
Client ID: AN-RI-SEDCZ-08B
Injection Date: 29-JUL-2005 21:47
Report Date: 08/02/2005 09:56
Matrix: SOIL
Dilution Factor: 1.000

CLP Col RT	CLP Col Shift	CLP Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.564	0.022	67587221	4.743	0.014	11193121	0.0413	0.0378	8.8	Tetrachloro-m-xylene
10.311	0.004	39036079	12.281	0.006	5617300	0.0333	0.0335	0.6	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	103.3	94.6
Decachlorobiphenyl	83.3	83.8

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	115642550	-8.1
Hexabromobiphenyl	62776174	73914648	17.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	21722172	-8.1
Hexabromobiphenyl	10484374	11081088	5.7

* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

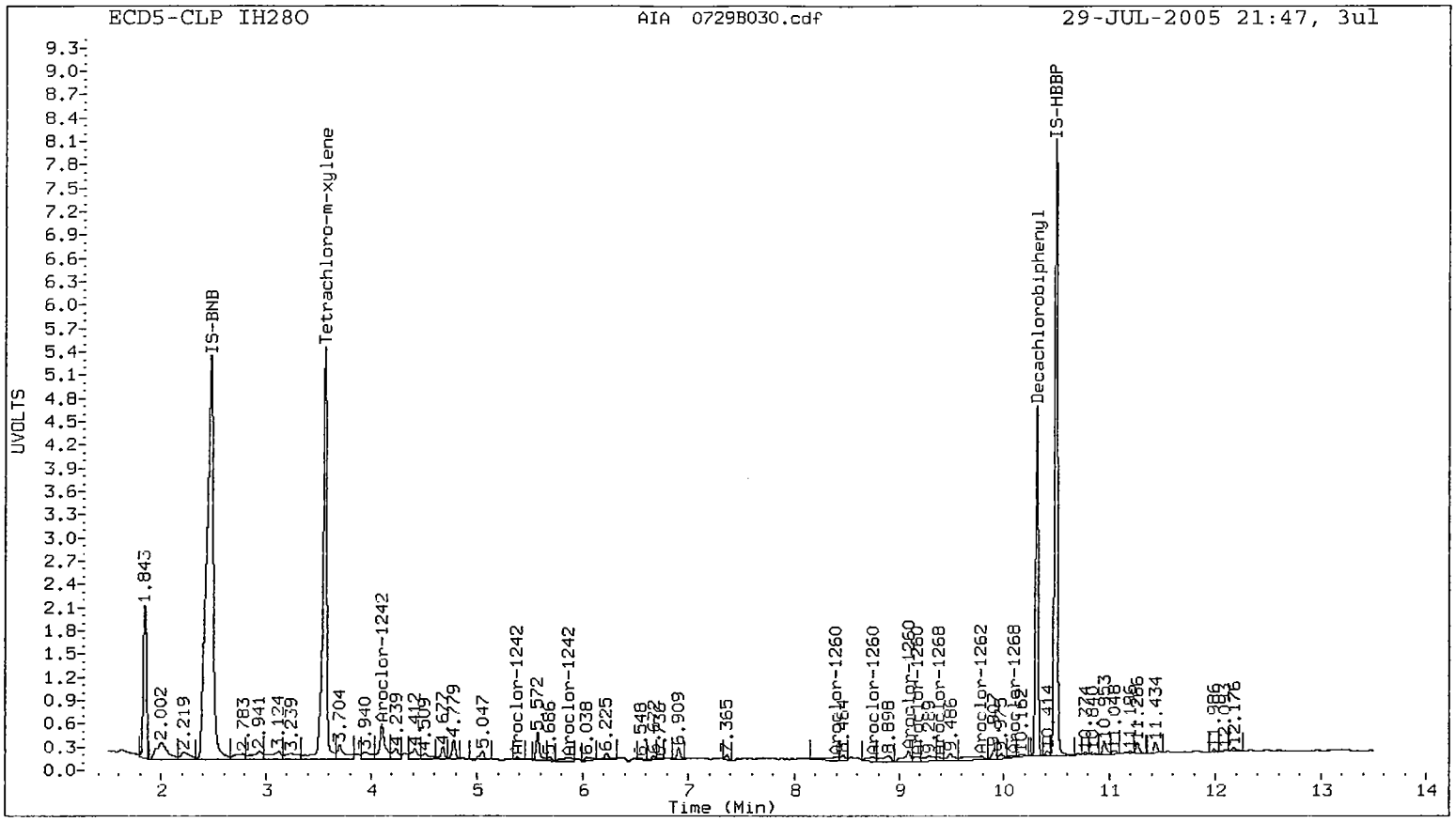
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
		CLP Col					ZB35 Col			
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	4.103	0.024	7931069	0.345	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	5.377	0.018	398091	0.010	3	---			0.000
Aroclor-1242	4	5.859	-0.015	1441959	0.040	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
	Total Col1Ave (3 peaks): 0.132					Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
	Col1Ave: <3 Quant Peaks					Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	8.393	-0.005	2074882	0.032	2	---			0.000
Aroclor-1260	3	8.745	-0.008	1732990	0.012	3	---			0.000
Aroclor-1260	4	9.089	0.009	2984291	0.028	4	---			0.000
Aroclor-1260	5	9.171	0.009	1273522	0.036	5	---			0.000
	Total Col1Ave (4 peaks): 0.027					Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	8.745	-0.009	1732990	0.009	2	---			0.000
Aroclor-1262	3	9.171	0.009	1273522	0.015	3	---			0.000
Aroclor-1262	4	9.783	0.004	3043647	0.055	4	---			0.000
	Total Col1Ave (3 peaks): 0.026					Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	9.171	0.014	1273522	0.006	1	---			0.000
Aroclor-1268	2	9.373	0.001	825630	0.005	2	---			0.000
Aroclor-1268	3	9.783	0.005	3043647	0.052	3	---			0.000
Aroclor-1268	4	10.102	0.004	551316	0.001	4	---			0.000
	Total Col1Ave (4 peaks): 0.016					Col2Ave: <3 Quant Peaks				

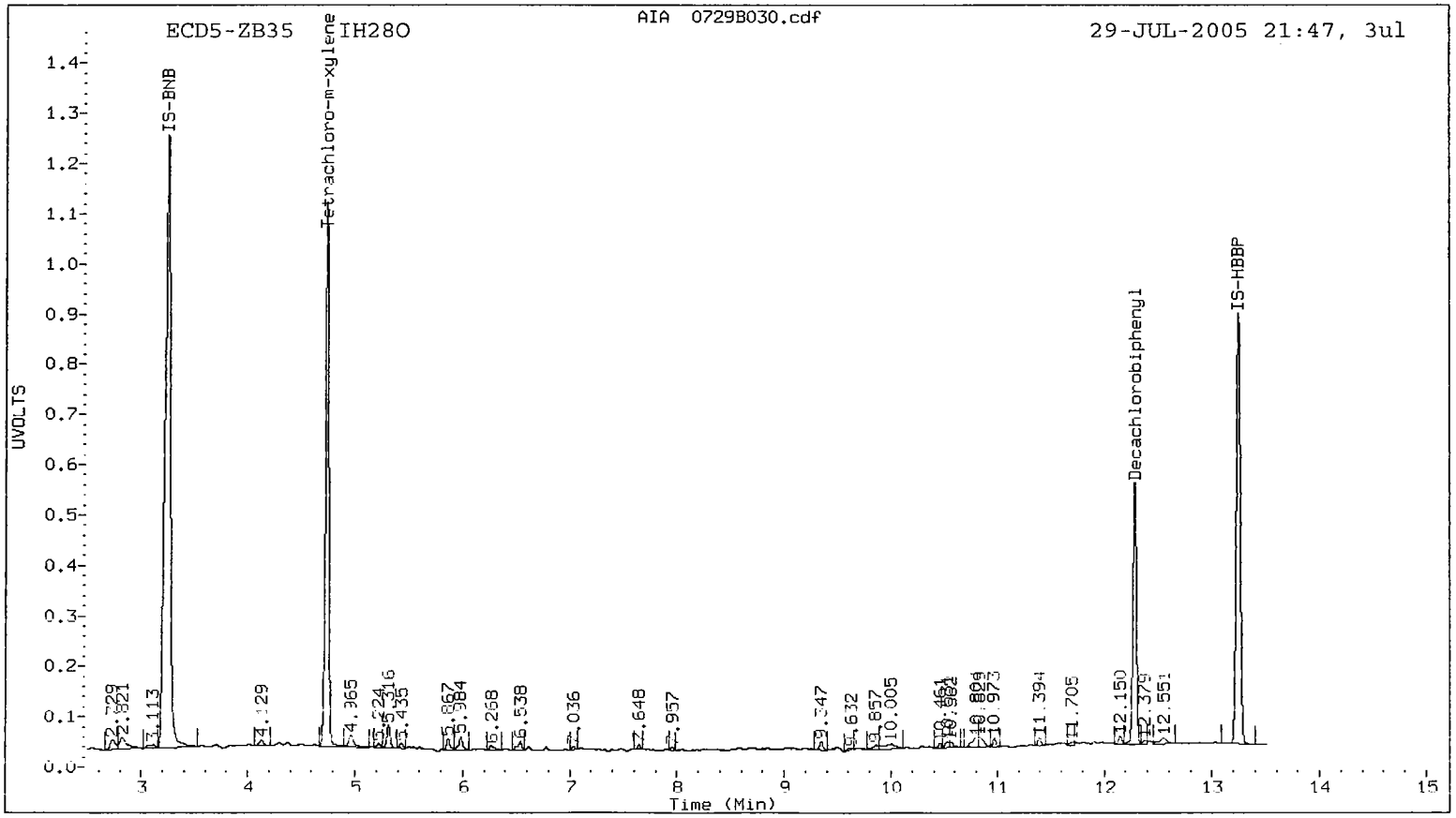
Total PCB Area Col1 (3.642 - 10.391) = 103343000 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 2976397 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.5ppm in ical

PCB-Form 10 Mod.


ECD5-CLP IH280
AIA 0729B030.cdf
29-JUL-2005 21:47, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1242
Aroclor-1260
Aroclor-1268
Aroclor-1262
Decachlorobiphenyl
IS-HBBP


ECD5-ZB35 IH280
AIA 0729B030.cdf
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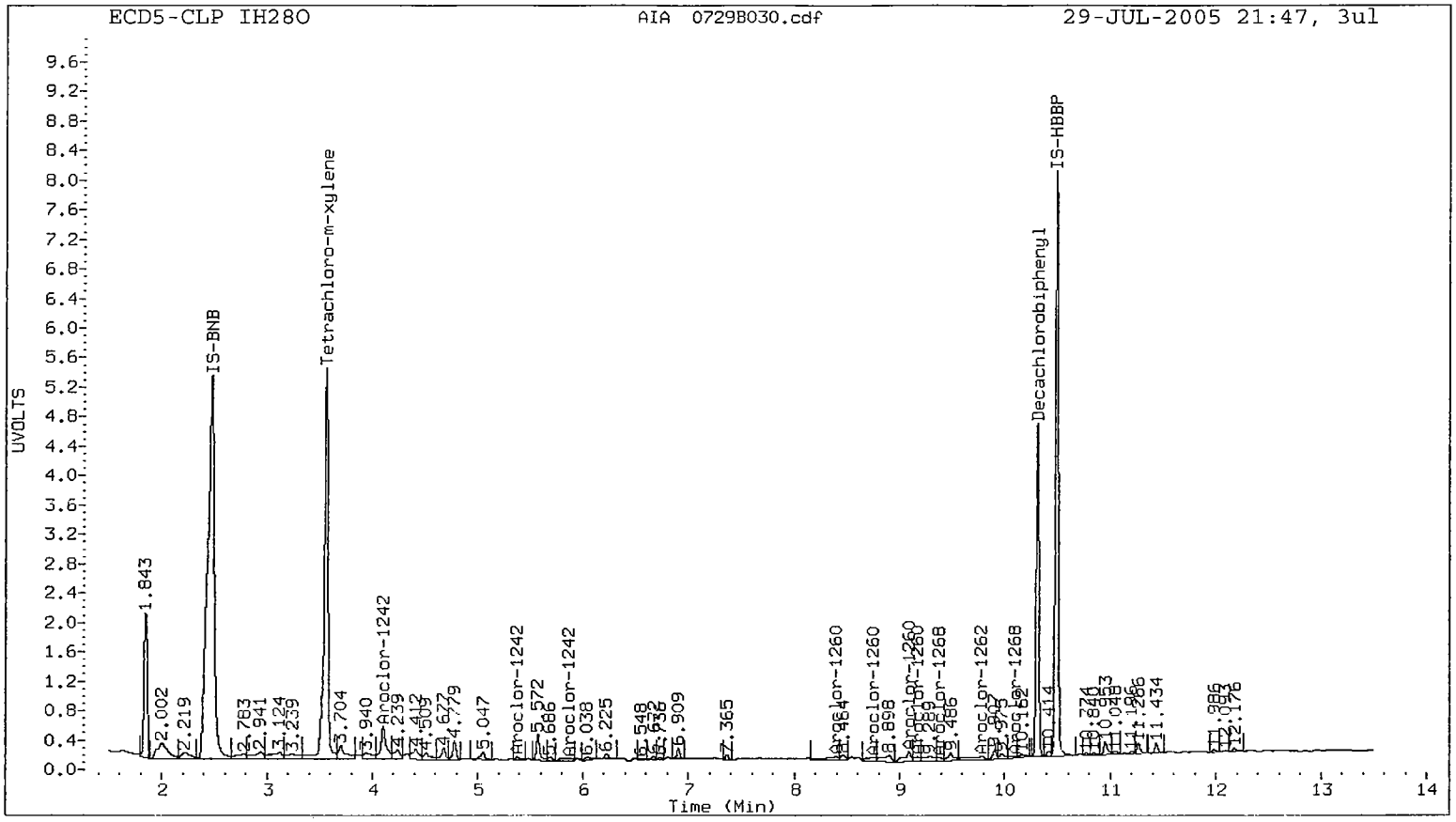
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP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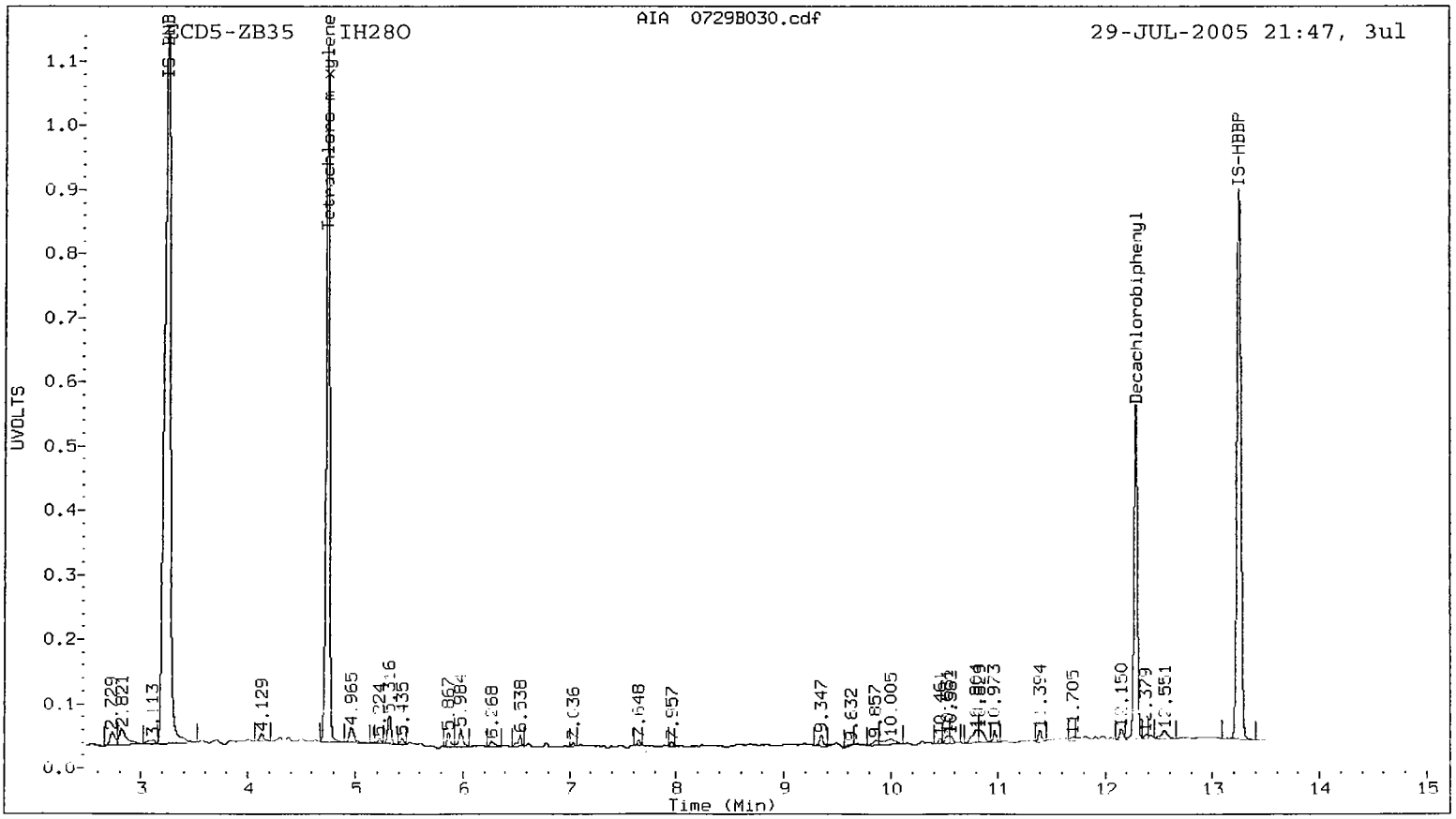
AIA 0729B030.cdf
29-JUL-2005 21:47, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
1.843
2.002
2.219
2.783
2.941
3.124
3.239
3.704
3.940
4.239
4.412
4.509
4.677
4.779
5.047
5.572
5.886
6.038
6.225
6.548
6.736
6.909
7.365
7.964
8.898
9.289
9.486
9.907
10.414
10.824
11.196
11.434
12.176


ECD5-ZB35 IH280
AIA 0729B030.cdf
29-JUL-2005 21:47, 3ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
2.629
2.821
3.113
4.129
4.965
5.224
5.435
5.867
5.984
6.268
6.538
7.036
7.648
7.957
9.347
9.632
9.857
10.005
10.973
11.394
11.705
12.150
12.379
12.551