ecology and environment, inc.
International Specialists in the Environment

ANALYTICAL SERVICES CENTER
4493 Walden Avenue
Lancaster, New York 14086
Tel. (716) 685-8080, Fax: (716) 685-0852

RECEIVED
MAY 28 1998

May 27, 1998

Ms. Smita Sumbaly
START Analytical Coordinator
Roy F. Weston, Inc.
USEPA Region II START
1090 King Georges Post Road
Suite 201
Edison, New Jersey 08837-3703

RE: 9800.915

Dear Ms. Sumbaly:

Attached is the laboratory report of the analyses conducted on samples received at the Analytical Services Center on May 6, 1998. Analyses were performed according to procedures set forth in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods"' SW-846, Third Edition, Update III, June 1997, USEPA.

Under separate cover, you will be receiving an invoice for job 9800.915.

The chain of custody form provided herein is integral to this report and must be included with the analytical results forms upon transferral to another data user.

The accuracy of all analyses depends upon the representative nature of the sample and the reliability of collection procedures as well as the accuracy of the laboratory analysis of the sample as submitted. Ecology and Environment, Inc.'s activity and representations with respect to these samples are limited solely to the laboratory analysis of the samples presented to us.

The samples on which this report is based will be retained by E & E for a period of 30 days from the date of this report, unless otherwise instructed by the client. If additional storage of the sample is requested by the client, a storage fee of $1.00 per sample container per month will be charged for each sample, with such charges accruing until destruction of the sample is authorized by the client.

Very truly yours,

Caryn Wojtowicz

Caryn Wojtowicz - Project Manager
Analytical Services Center

212041

CW/fal
Enclosure

recycled paper

ecology and environment, inc.
International Specialists in the Environment

ANALYTICAL SERVICES CENTER
4493 Walden Avenue
Lancaster, New York 14086
Tel. (716) 685-8080, Fax: (716) 685-0852

May 23, 1998

LAB NAME: Ecology & Environment Inc.

PROJECT NUMBER: RFP #2535

SDG NARRATIVE:

Sample results are reported in the CLP format using CLP qualifiers.

PCB concentrations have been quantitated on both the RTX-5 and RTX-35 columns with both values reported on Form 10B. The lower of the two values is reported on Form 1D. The Aroclor patterns are greatly weathered and degraded resulting in the high %D value between concentrations on the two columns. There also appears to be some chlorinated biphenyls (but not PCB congeners) in many of the samples which distorts the patterns and the quantitation.

The software problem used to generate the final report rounds the calibration factor to three significant figures in the final calculations.

Soil samples underwent sulfur cleanup procedures.

Aqueous sample RB-1 was extracted using 500 mL due to limited sample volume. Quantitation limits have been adjusted accordingly.

Recovery of the surrogate decachlorobiphenyl was low for PBLKW1 on both columns. The associated samples had acceptable decachlorobiphenyl recovery. Recovery of surrogate tetrachloro-m-xylene was within acceptable limits for all samples.

Batch QC is included in this report. The aqueous batch matrix spike/matrix spike duplicate (MS/MSD) was acceptable. The soil batch MS had a slightly low spike recovery at 47.9% (lower limit is 50%). The soil batch MSD was acceptable. RPD criteria was not met for the soil batch MS/MSD. No corrective action is required.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Marlene Davis

Caryn Wojtowicz - Project Manager
Analytical Services Center
May 23, 1998

4C
PCB METHOD BLANK SUMMARY

SAMPLE NO.

PBLKW1

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

Lab Sample ID: 1248-162-1 Lab File ID:

Matrix:(soil/water) WATER Extraction:(SepF/Cont/Sonc) SEPF

Sulfur Cleanup: (Y/N) Y Date Extracted: 05/11/98

Date Analyzed (1): 05/15/98 Date Analyzed (2): 05/15/98

Time Analyzed (1): 0047 Time Analyzed (2): 0047

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column (1): RTX-5 ID: 0.53 (mm) GC Column (2): RTX-35 ID: 0.53 (mm)

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

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	RB-1	6095	05/15/98	05/15/98

COMMENTS:

FORM IV PEST

SW8082

4C
PCB METHOD BLANK SUMMARY

SAMPLE NO.

PBLKS1

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

Lab Sample ID: 1338-39-1 Lab File ID:

Matrix:(soil/water) SOIL Extraction:(SepF/Cont/Sonc) SONC

Sulfur Cleanup: (Y/N) Y Date Extracted: 05/11/98

Date Analyzed (1): 05/16/98 Date Analyzed (2): 05/16/98

Time Analyzed (1): 1346 Time Analyzed (2): 1346

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column (1): RTX-5 ID: 0.53 (mm) GC Column (2): RTX-35 ID: 0.53 (mm)

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

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	A2-001	6088	05/16/98	05/16/98
02	A2-002	6089	05/16/98	05/16/98
03	A2-003	6090	05/16/98	05/16/98
04	A2-004	6091	05/16/98	05/16/98
05	A2-005	6092	05/16/98	05/16/98
06	A2-006	6093	05/16/98	05/16/98
07	A2-007	6094	05/16/98	05/16/98

COMMENTS:

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:19:34 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6088 1X
Sample Number	: 087	Study	: 9800.901
AutoSampler	: BUILT-IN	Rack/Vial	: 1/87
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 15:11:26 PM	Cycle	: 87

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
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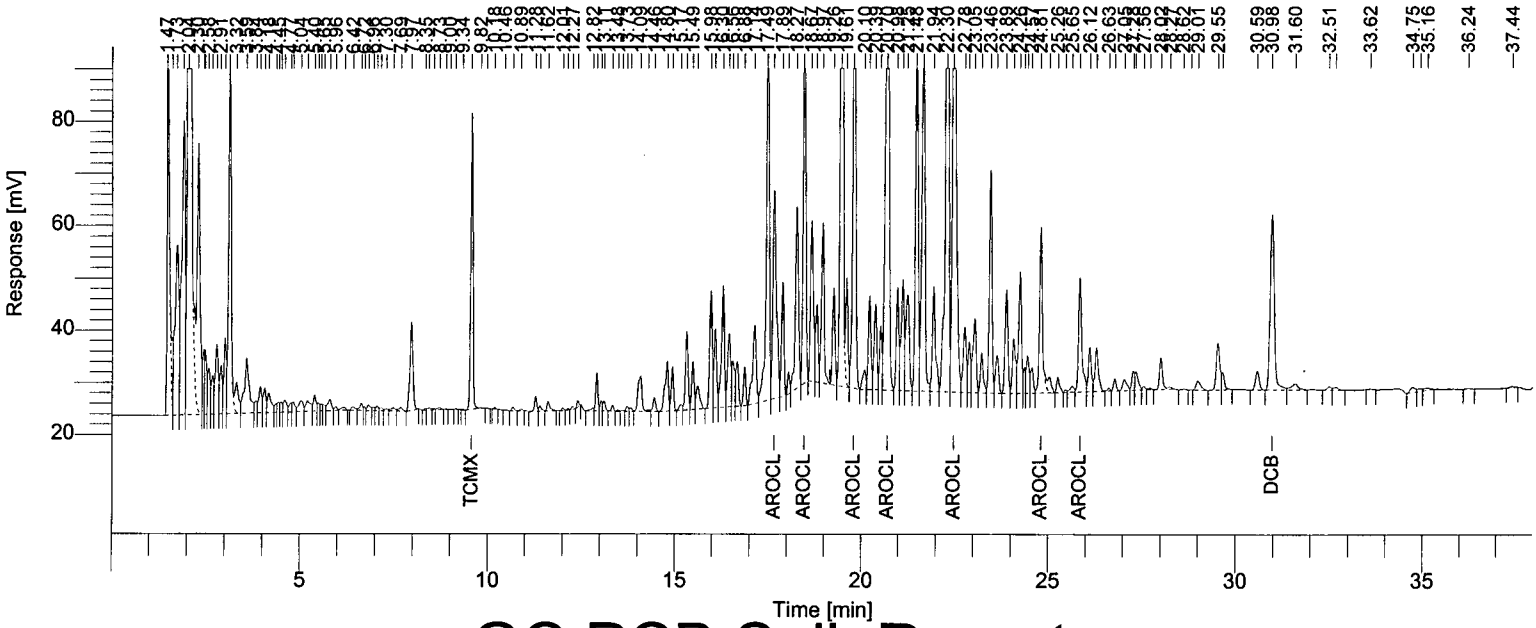

GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
55	9.57	TCMX	229741	0.0219	0.0073	10.0	30.000	1.0
	22.48	AR1254	2498144	0.5887	0.1962	10.0	30.000	1.0
	24.81	AR1260	309318	0.0747	0.0249	10.0	30.000	1.0
156	30.98	DCB	256408	0.0237	0.0079	10.0	30.000	1.0
			3293611	0.7090		40.0	120.000	4.0

05/21/98 17:19:34 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
96	17.66	Aroclor 1254-1	267688	0.4287	0.1429	10.0	30.000	1.0
100	18.47	Aroclor 1254-2	337005	0.3720	0.1240	10.0	30.000	1.0
107	19.81	Aroclor 1254-3	475463	0.5188	0.1729	10.0	30.000	1.0
112	20.70	Aroclor 1254-4	617554	0.6223	0.2074	10.0	30.000	1.0
120	22.48	Aroclor 1254-5	800435	0.9958	0.3319	10.0	30.000	1.0
			2498144	2.9375		50.0	150.000	5.0

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
0	20.65	Aroclor 1260-1	0	0.0000	0.0000	10.0	30.000	1.0
133	24.81	Aroclor 1260-4	172680	0.1652	0.0551	10.0	30.000	1.0
138	25.85	Aroclor 1260-5	136638	0.2722	0.0907	10.0	30.000	1.0
			309318	0.4375		30.0	90.000	3.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:19:37 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6088 1X
Sample Number	: 087	Study	: 9800.901
AutoSampler	: BUILT-IN	Rack/Vial	: 1/87
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 15:11:26 PM	Cycle	: 87

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
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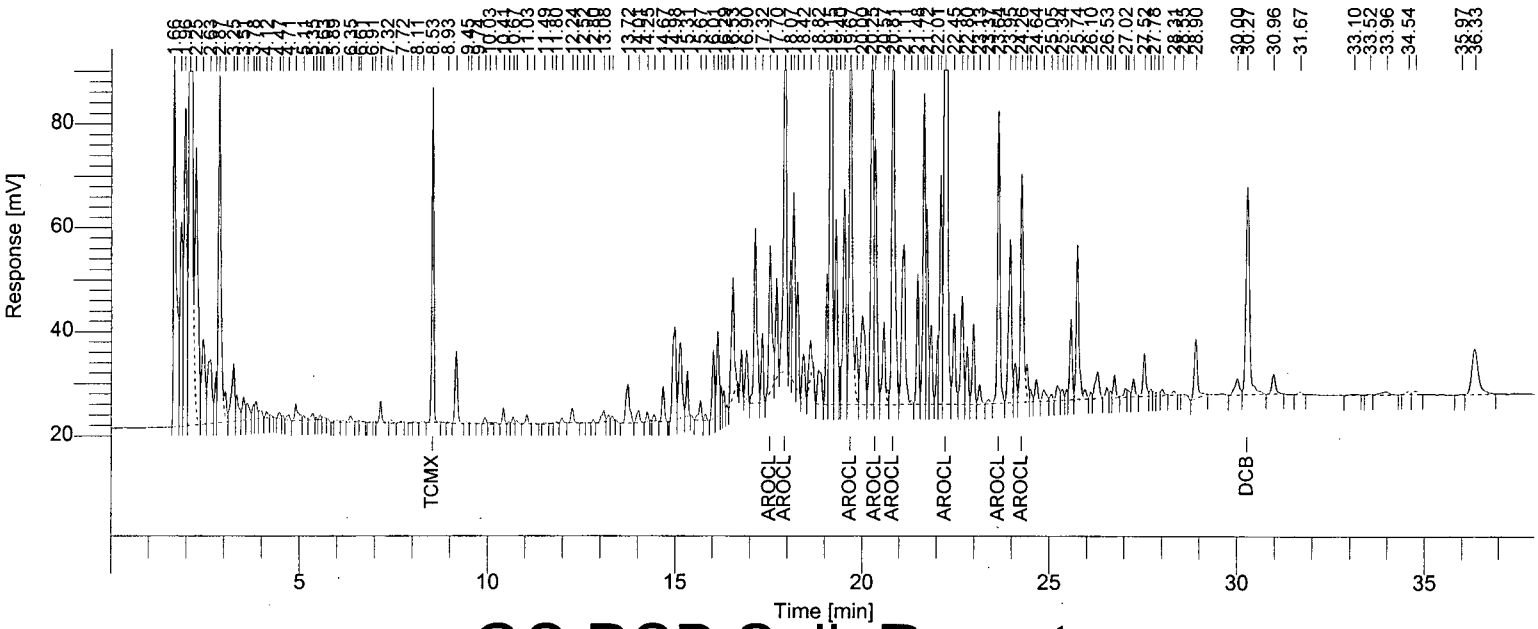

GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
44	8.53	TCMX	226479	0.0209	0.0070	10.0	30.00	1.0
	22.22	AR1254	2733029	0.7444	0.2481	10.0	30.00	1.0
	23.64	AR1260	742518	0.1694	0.0565	10.0	30.00	1.0
160	30.27	DCB	271208	0.0235	0.0078	10.0	30.00	1.0

05/21/98 17:19:37 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
91	17.52	Aroclor 1254-1	159675	0.2715	0.0905	10.0	30.00	1.0
93	17.92	Aroclor 1254-2	392260	0.5171	0.1724	10.0	30.00	1.0
105	19.67	Aroclor 1254-3	466032	0.4543	0.1514	10.0	30.00	1.0
112	20.81	Aroclor 1254-4	449463	0.7954	0.2651	10.0	30.00	1.0
121	22.22	Aroclor 1254-5	1265599	1.7241	0.5747	10.0	30.00	1.0

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
109	20.34	Aroclor 1260-1	237689	0.2746	0.0915	10.0	30.00	1.0
128	23.64	Aroclor 1260-4	259491	0.4063	0.1354	10.0	30.00	1.0
131	24.26	Aroclor 1260-5	245337	0.2093	0.0698	10.0	30.00	1.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:19:40 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6089 1X
Sample Number	: 088	Study	: 9800.901
AutoSampler	: BUILT-IN	Rack/Vial	: 1/88
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
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Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
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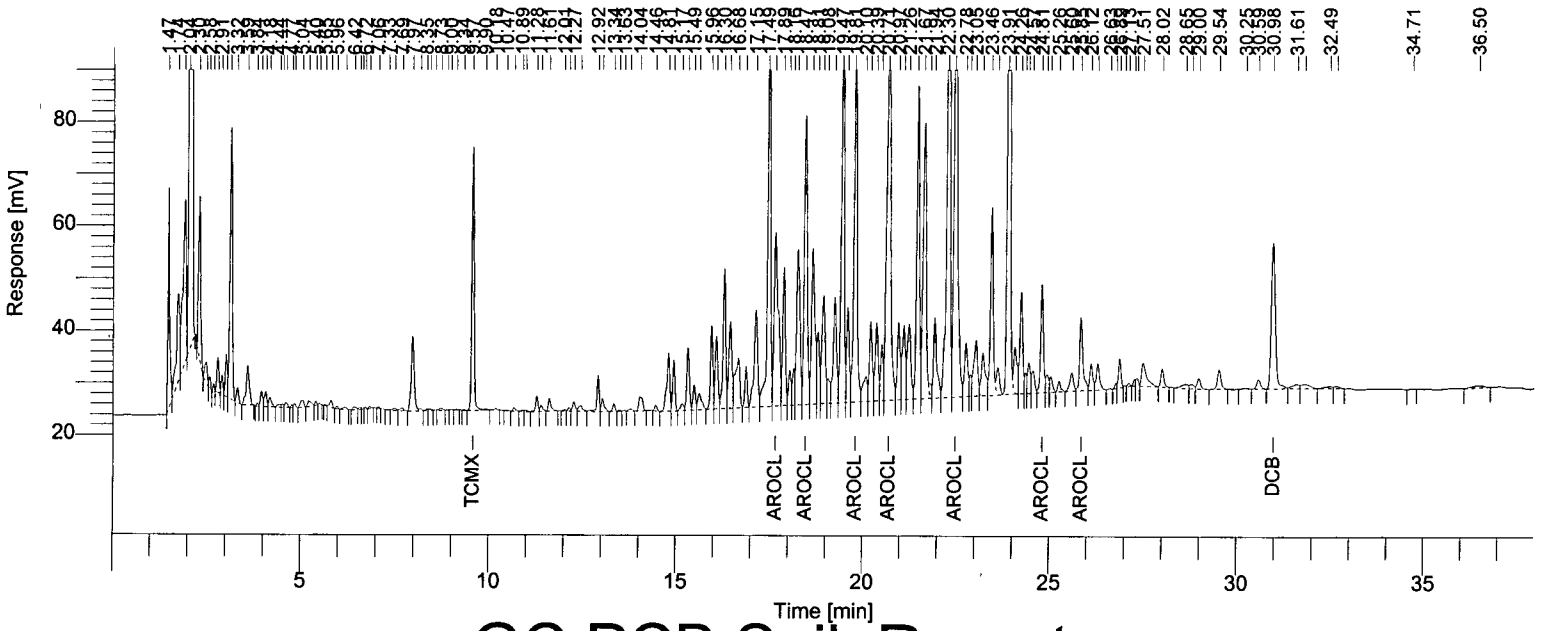

GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
51	9.57	TCMX	207596	0.0197	0.0066	10.0	30.000	1.0
	22.48	AR1254	2156509	0.5082	0.1694	10.0	30.000	1.0
	24.81	AR1260	191931	0.0463	0.0154	10.0	30.000	1.0
150	30.98	DCB	211436	0.0196	0.0065	10.0	30.000	1.0
			2767473	0.5939		40.0	120.000	4.0

05/21/98 17:19:40 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
87	17.67	Aroclor 1254-1	259475	0.4155	0.1385	10.0	30.000	1.0
92	18.47	Aroclor 1254-2	304691	0.3363	0.1121	10.0	30.000	1.0
100	19.81	Aroclor 1254-3	385446	0.4205	0.1402	10.0	30.000	1.0
105	20.71	Aroclor 1254-4	555628	0.5599	0.1866	10.0	30.000	1.0
114	22.48	Aroclor 1254-5	651269	0.8102	0.2701	10.0	30.000	1.0
			2156509	2.5425		50.0	150.000	5.0

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
0	20.65	Aroclor 1260-1	0	0.0000	0.0000	10.0	30.000	1.0
127	24.81	Aroclor 1260-4	105635	0.1011	0.0337	10.0	30.000	1.0
132	25.85	Aroclor 1260-5	86296	0.1719	0.0573	10.0	30.000	1.0
			191931	0.2730		30.0	90.000	3.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:19:43 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6089 1X
Sample Number	: 088	Study	: 9800.901
AutoSampler	: BUILT-IN	Rack/Vial	: 1/88
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
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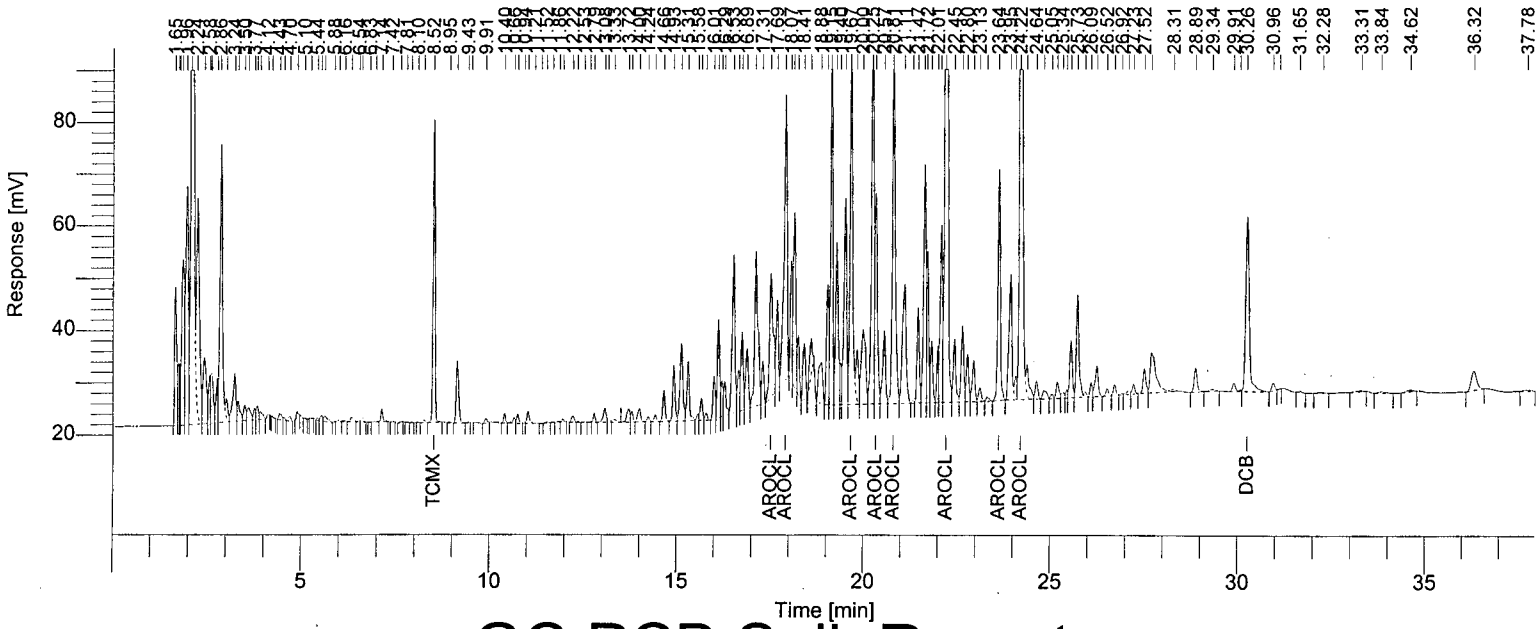

GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
47	8.52	TCMX	203809	0.0188	0.0063	10.0	30.00	1.0
	22.22	AR1254	2233335	0.6083	0.2028	10.0	30.00	1.0
	24.22	AR1260	1254341	0.2862	0.0954	10.0	30.00	1.0
158	30.26	DCB	225978	0.0196	0.0065	10.0	30.00	1.0

05/21/98 17:19:43 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
94	17.52	Aroclor 1254-1	164752	0.2801	0.0934	10.0	30.00	1.0
96	17.91	Aroclor 1254-2	313620	0.4135	0.1378	10.0	30.00	1.0
108	19.67	Aroclor 1254-3	342622	0.3340	0.1113	10.0	30.00	1.0
114	20.81	Aroclor 1254-4	357189	0.6321	0.2107	10.0	30.00	1.0
123	22.22	Aroclor 1254-5	1055153	1.4374	0.4791	10.0	30.00	1.0

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
112	20.33	Aroclor 1260-1	185376	0.2142	0.0714	10.0	30.00	1.0
130	23.64	Aroclor 1260-4	201164	0.3149	0.1050	10.0	30.00	1.0
133	24.22	Aroclor 1260-5	867802	0.7405	0.2468	10.0	30.00	1.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:19:46 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6090 1X
Sample Number	: 089	Study	: 9800.901
AutoSampler	: BUILT-IN	Rack/Vial	: 1/89
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
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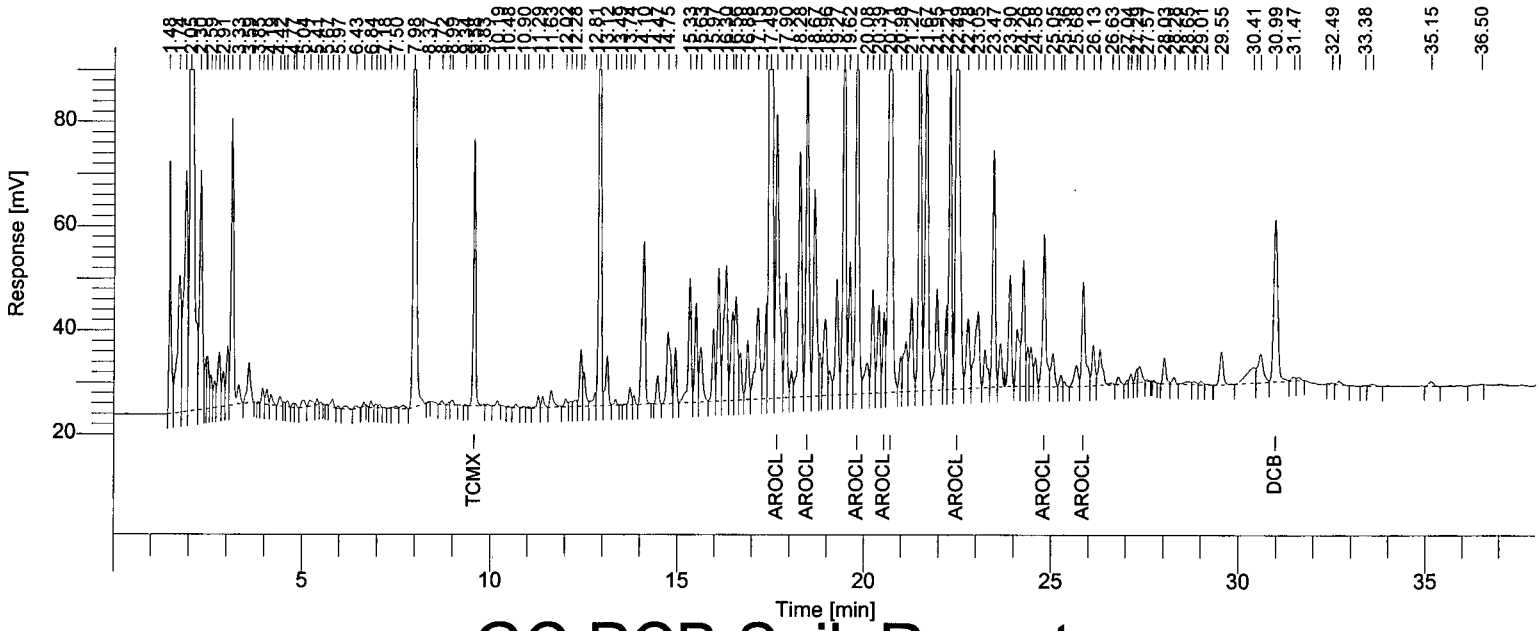

GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
48	9.58	TCMX	208873	0.0199	0.0066	10.0	30.000	1.0
	22.49	AR1254	2771816	0.6532	0.2177	10.0	30.000	1.0
	24.82	AR1260	373170	0.0901	0.0300	10.0	30.000	1.0
152	30.99	DCB	231050	0.0214	0.0071	10.0	30.000	1.0
			3584910	0.7846		40.0	120.000	4.0

05/21/98 17:19:46 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
89	17.66	Aroclor 1254-1	360597	0.5775	0.1925	10.0	30.000	1.0
93	18.47	Aroclor 1254-2	353565	0.3903	0.1301	10.0	30.000	1.0
101	19.81	Aroclor 1254-3	491243	0.5360	0.1787	10.0	30.000	1.0
106	20.71	Aroclor 1254-4	697275	0.7026	0.2342	10.0	30.000	1.0
115	22.49	Aroclor 1254-5	869135	1.0812	0.3604	10.0	30.000	1.0
			2771816	3.2876		50.0	150.000	5.0

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
105	20.53	Aroclor 1260-1	70972	0.0893	0.0298	10.0	30.000	1.0
127	24.82	Aroclor 1260-4	173060	0.1656	0.0552	10.0	30.000	1.0
132	25.86	Aroclor 1260-5	129139	0.2573	0.0858	10.0	30.000	1.0
			373170	0.5122		30.0	90.000	3.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:19:49 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6090 1X
Sample Number	: 089	Study	: 9800.901
AutoSampler	: BUILT-IN	Rack/Vial	: 1/89
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 16:36:50 PM	Cycle	: 89

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Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_089.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
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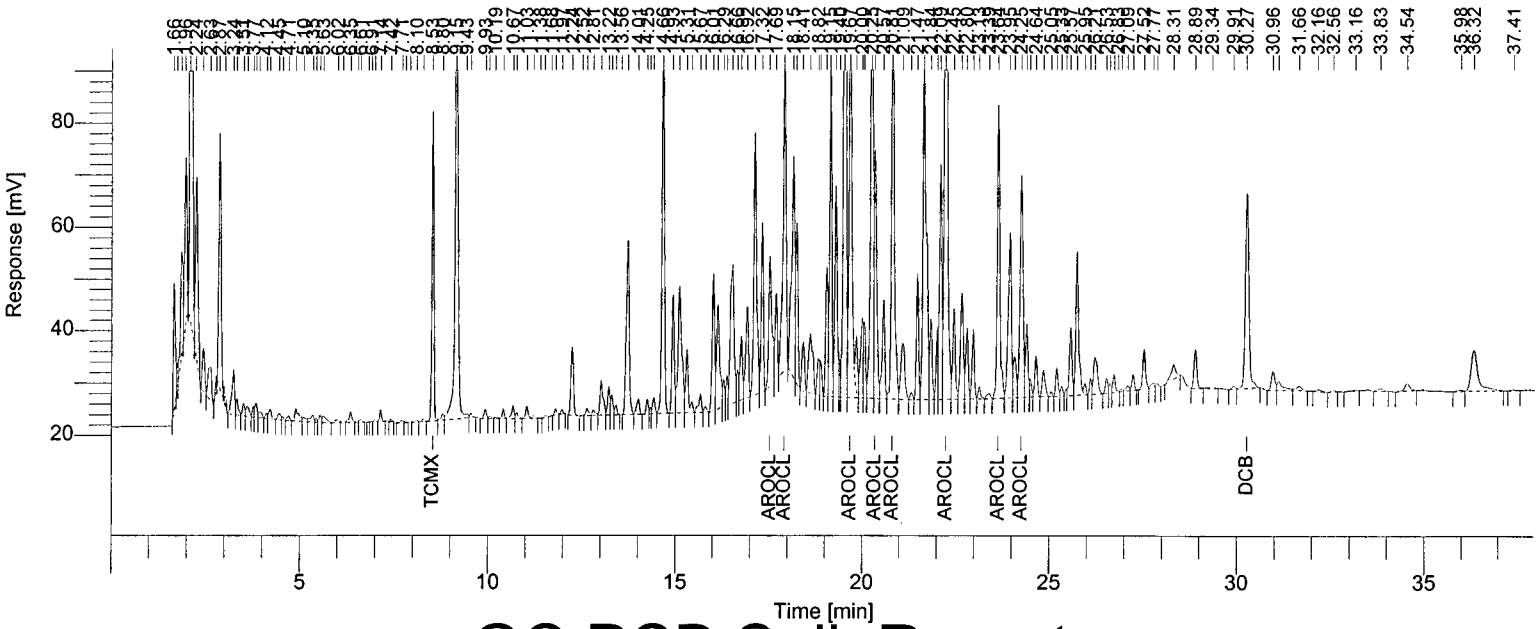

GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
45	8.53	TCMX	210204	0.0194	0.0065	10.0	30.00	1.0
	22.23	AR1254	2244928	0.6114	0.2038	10.0	30.00	1.0
	23.64	AR1260	737163	0.1682	0.0561	10.0	30.00	1.0
161	30.27	DCB	247566	0.0215	0.0072	10.0	30.00	1.0

05/21/98 17:19:49 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
94	17.52	Aroclor 1254-1	148861	0.2531	0.0844	10.0	30.00	1.0
96	17.91	Aroclor 1254-2	336961	0.4442	0.1481	10.0	30.00	1.0
108	19.67	Aroclor 1254-3	452822	0.4414	0.1471	10.0	30.00	1.0
115	20.81	Aroclor 1254-4	431208	0.7631	0.2544	10.0	30.00	1.0
123	22.23	Aroclor 1254-5	875077	1.1921	0.3974	10.0	30.00	1.0

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
113	20.34	Aroclor 1260-1	223342	0.2580	0.0860	10.0	30.00	1.0
130	23.64	Aroclor 1260-4	273704	0.4285	0.1428	10.0	30.00	1.0
133	24.25	Aroclor 1260-5	240118	0.2049	0.0683	10.0	30.00	1.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:19:52 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6091 1X
Sample Number	: 090	Study	: 9800.901
AutoSampler	: BUILT-IN	Rack/Vial	: 1/90
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.98 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 17:19:36 PM	Cycle	: 90

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
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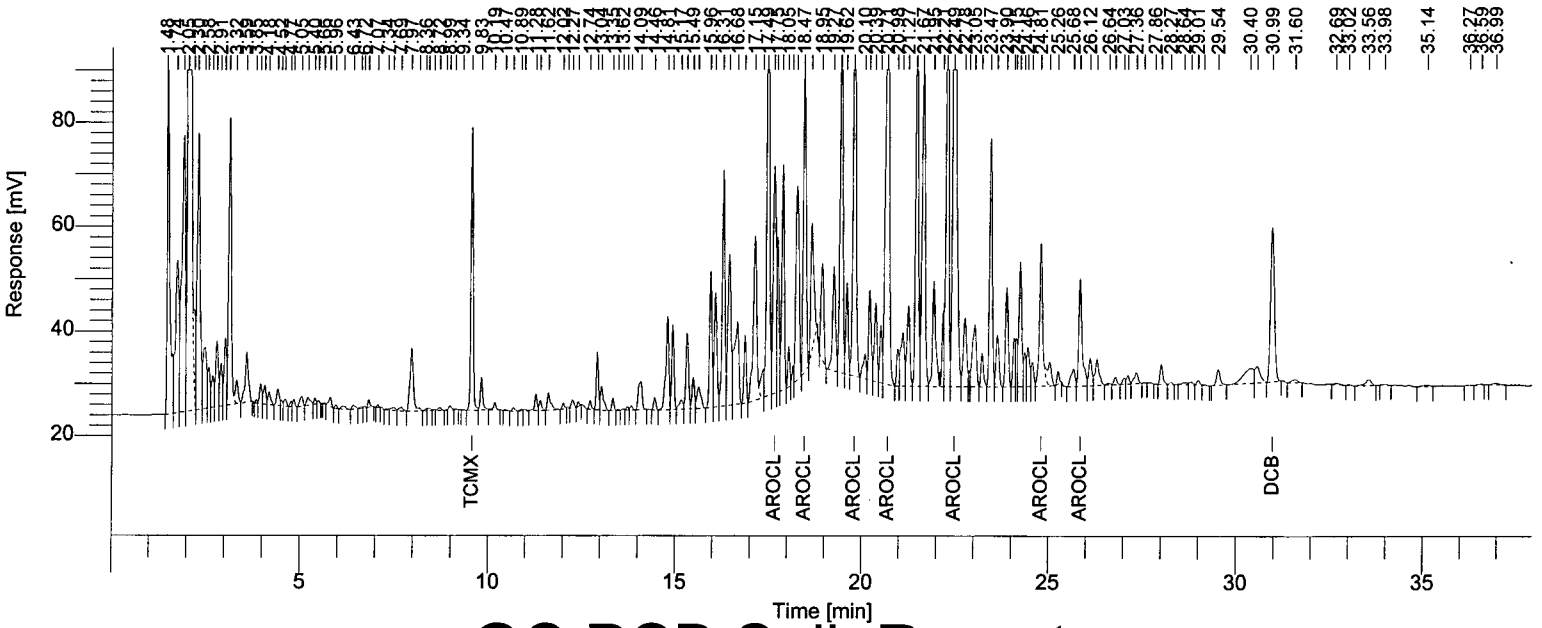

GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
51	9.58	TCMX	223334	0.0212	0.0071	10.0	30.000	1.0
	22.49	AR1254	2462946	0.5805	0.1935	10.0	30.000	1.0
	24.81	AR1260	290094	0.0701	~~0.0234~~ 0.0085	10.0	30.000	1.0
153	30.99	DCB	212466	0.0197	0.0066	10.0	30.000	1.0
			3188839	0.6914		40.0	120.000	4.0

BC 5/26/98

05/21/98 17:19:52 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
90	17.67	Aroclor 1254-1	245372	0.3929	0.1310	10.0	30.000	1.0
96	18.47	Aroclor 1254-2	301794	0.3331	0.1110	10.0	30.000	1.0
102	19.81	Aroclor 1254-3	445473	0.4860	0.1620	10.0	30.000	1.0
107	20.71	Aroclor 1254-4	596178	0.6008	0.2003	10.0	30.000	1.0
116	22.49	Aroclor 1254-5	874129	1.0874	0.3625	10.0	30.000	1.0
			2462946	2.9003		50.0	150.000	5.0

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
0	20.65	Aroclor 1260-1	0	0.0000	0.0000	10.0	30.000	1.0
130	24.81	Aroclor 1260-4	161425	0.1545	0.0515	10.0	30.000	1.0
134	25.85	Aroclor 1260-5	128669	0.2564	0.0855	10.0	30.000	1.0
			290094	0.4108		30.0	90.000	3.0

5/26/98

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:19:55 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6091 1X
Sample Number	: 090	Study	: 9800.901
AutoSampler	: BUILT-IN	Rack/Vial	: 1/90
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.98 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 17:19:36 PM	Cycle	: 90

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
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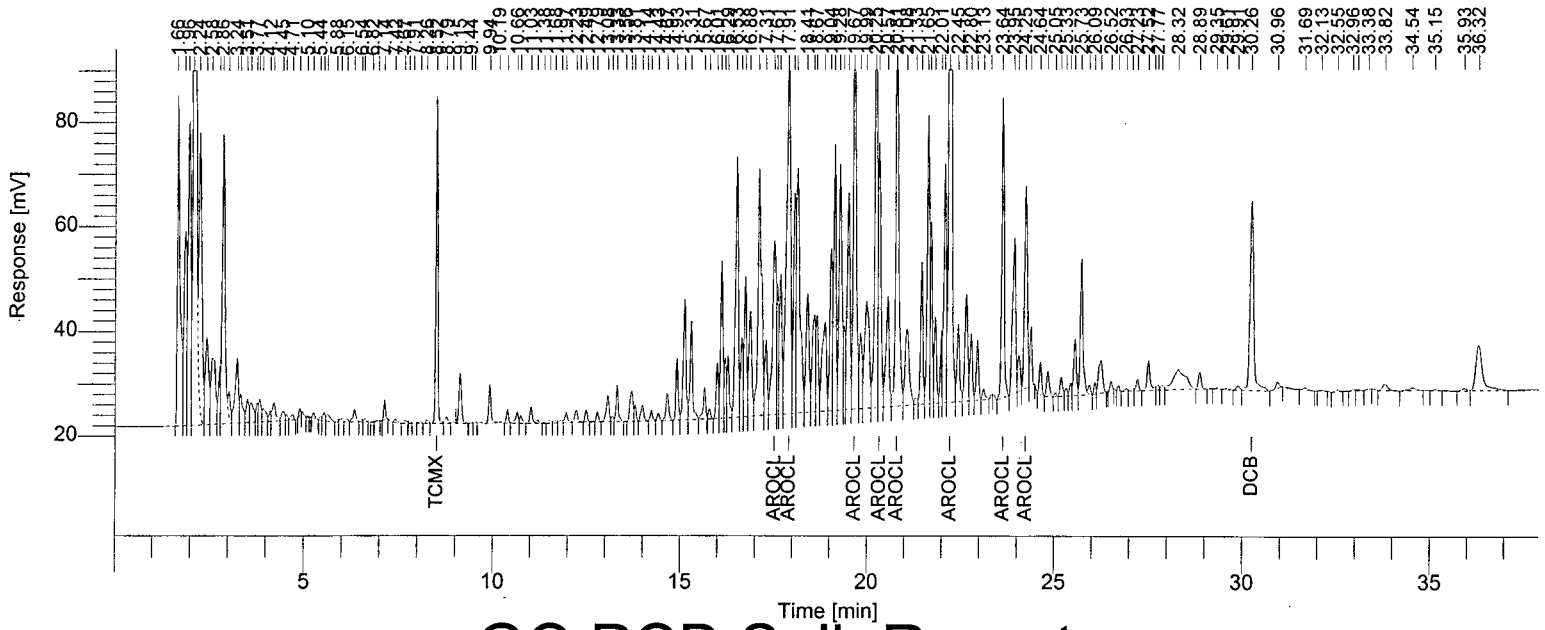

GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
44	8.52	TCMX	224376	0.0207	0.0069	10.0	30.00	1.0
	22.22	AR1254	2649938	0.7217	0.2406	10.0	30.00	1.0
	23.64	AR1260	701871	0.1601	0.0534	10.0	30.00	1.0
160	30.26	DCB	249340	0.0216	0.0072	10.0	30.00	1.0

05/21/98 17:19:55 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
93	17.52	Aroclor 1254-1	229577	0.3903	0.1301	10.0	30.00	1.0
96	17.91	Aroclor 1254-2	519877	0.6854	0.2285	10.0	30.00	1.0
108	19.67	Aroclor 1254-3	459373	0.4478	0.1493	10.0	30.00	1.0
114	20.81	Aroclor 1254-4	445521	0.7884	0.2628	10.0	30.00	1.0
123	22.22	Aroclor 1254-5	995590	1.3563	0.4521	10.0	30.00	1.0

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
112	20.33	Aroclor 1260-1	238470	0.2755	0.0918	10.0	30.00	1.0
130	23.64	Aroclor 1260-4	259826	0.4068	0.1356	10.0	30.00	1.0
133	24.25	Aroclor 1260-5	203575	0.1737	0.0579	10.0	30.00	1.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:19:59 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6092 1X
Sample Number	: 094	Study	: 9800.901
AutoSampler	: BUILT-IN	Rack/Vial	: 1/94
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 20:10:22 PM	Cycle	: 94

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
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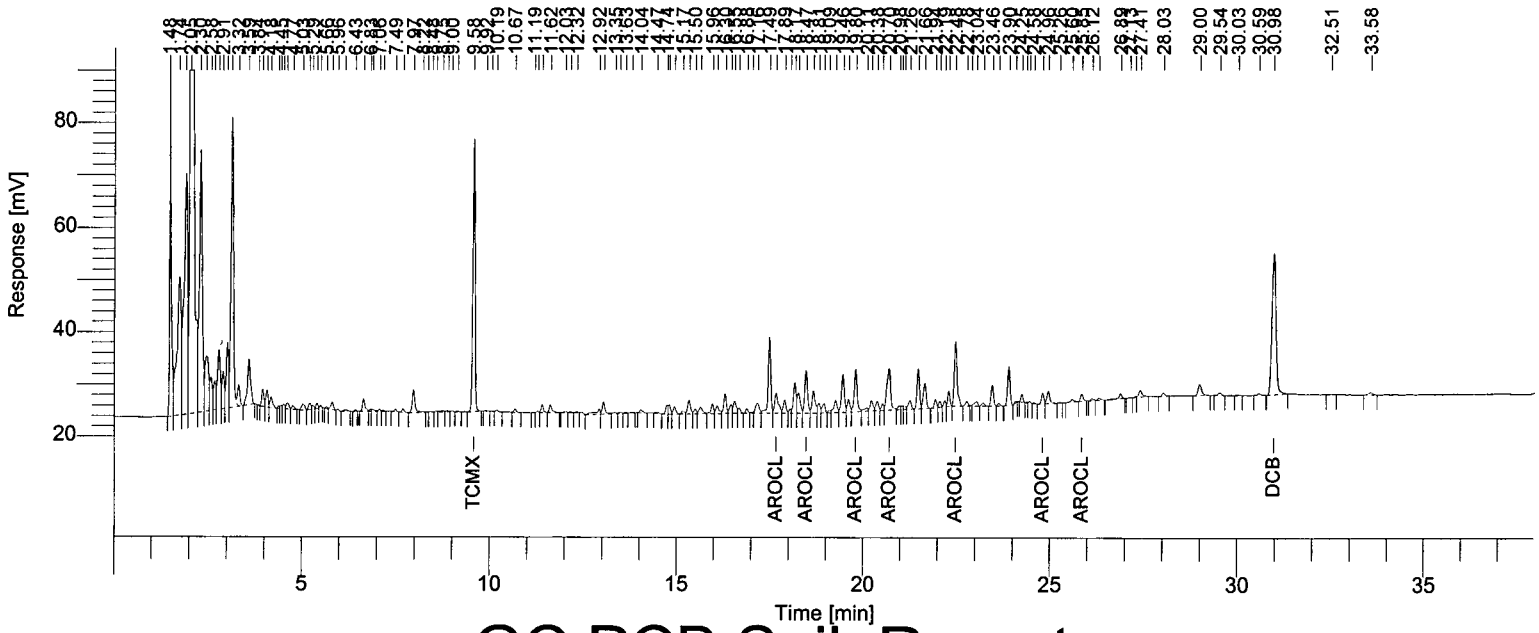

GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
50	9.58	TCMX	209025	0.0199	0.0066	10.0	30.000	1.0
	22.48	AR1254	236418	0.0557	0.0186	10.0	30.000	1.0
	~~24.81~~	~~AR1260~~	16164	0.0039	0.0013	10.0	30.000	1.0
145	30.98	DCB	202055	0.0187	0.0062	10.0	30.000	1.0
			663661	0.0982		40.0	120.000	4.0

BJ 5/22/98

05/21/98 17:19:59 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
87	17.67	Aroclor 1254-1	25988	0.0416	0.0139	10.0	30.000	1.0
92	18.47	Aroclor 1254-2	43887	0.0484	0.0161	10.0	30.000	1.0
100	19.80	Aroclor 1254-3	43930	0.0479	0.0160	10.0	30.000	1.0
105	20.70	Aroclor 1254-4	57286	0.0577	0.0192	10.0	30.000	1.0
116	22.48	Aroclor 1254-5	65327	0.0813	0.0271	10.0	30.000	1.0
			236418	0.2770		50.0	150.000	5.0

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
0	20.65	Aroclor 1260-1	0	0.0000	0.0000	10.0	30.000	1.0
129	24.81	Aroclor 1260-4	9863	0.0094	0.0031	10.0	30.000	1.0
133	25.85	Aroclor 1260-5	6300	0.0126	0.0042	10.0	30.000	1.0
			16164	0.0220		30.0	90.000	3.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:20:02 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6092 1X
Sample Number	: 094	Study	: 9800.901
AutoSampler	: BUILT-IN	Rack/Vial	: 1/94
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 20:10:22 PM	Cycle	: 94

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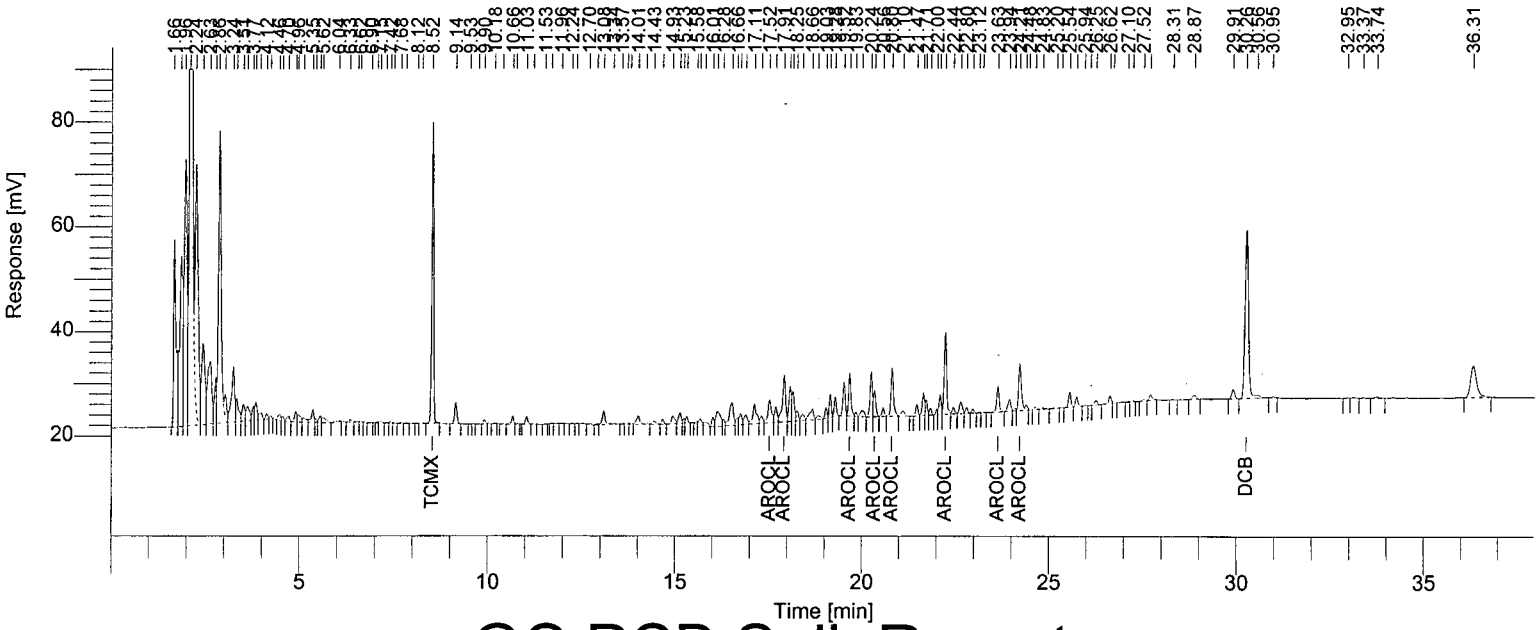

GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
44	8.52	TCMX	203385	0.0188	0.0063	10.0	30.00	1.0
	22.23	AR1254	237933	0.0648	0.0216	10.0	30.00	1.0
	~~24.21~~	~~AR1260~~	92641	0.0211	0.0070	10.0	30.00	1.0
145	30.26	DCB	203178	0.0176	0.0059	10.0	30.00	1.0

BEL 5/22/98

05/21/98 17:20:02 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
87	17.52	Aroclor 1254-1	29805	0.0507	0.0169	10.0	30.00	1.0
89	17.91	Aroclor 1254-2	52644	0.0694	0.0231	10.0	30.00	1.0
100	19.67	Aroclor 1254-3	36043	0.0351	0.0117	10.0	30.00	1.0
106	20.80	Aroclor 1254-4	46061	0.0815	0.0272	10.0	30.00	1.0
114	22.23	Aroclor 1254-5	73381	0.1000	0.0333	10.0	30.00	1.0

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
104	20.33	Aroclor 1260-1	22129	0.0256	0.0085	10.0	30.00	1.0
121	23.63	Aroclor 1260-4	22844	0.0358	0.0119	10.0	30.00	1.0
124	24.21	Aroclor 1260-5	47668	0.0407	0.0136	10.0	30.00	1.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:20:05 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6093 1X
Sample Number	: 095	Study	: 9800.901
AutoSampler	: BUILT-IN	Rack/Vial	: 1/95
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.98 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 20:53:04 PM	Cycle	: 95

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
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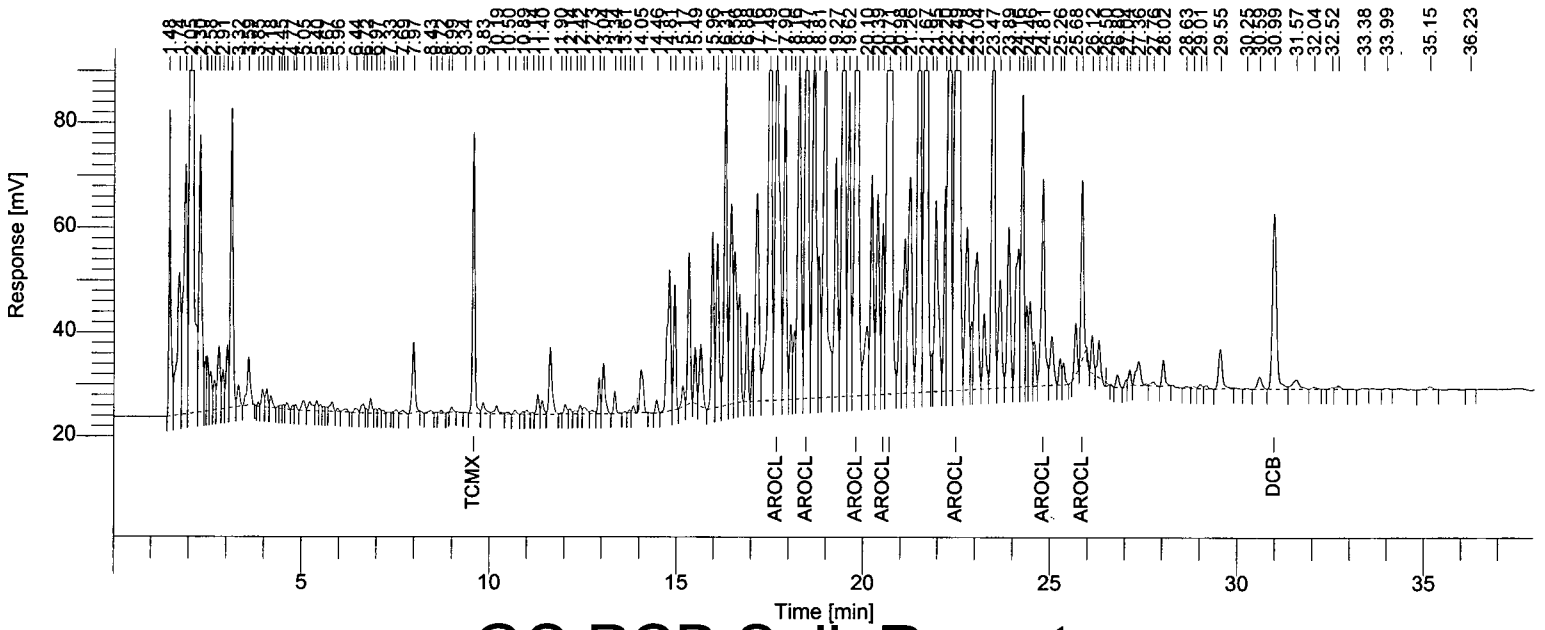

GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
53	9.58	TCMX	222295	0.0211	0.0070	10.0	30.000	1.0
	22.49	AR1254	6590792	1.5533	0.5178	10.0	30.000	1.0
	24.81	AR1260	566085	0.1367	0.0456	10.0	30.000	1.0
160	30.99	DCB	259198	0.0240	0.0080	10.0	30.000	1.0
			7638371	1.7351		40.0	120.000	4.0

05/21/98 17:20:05 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
96	17.67	Aroclor 1254-1	617655	0.9891	0.3297	10.0	30.000	1.0
101	18.47	Aroclor 1254-2	831381	0.9177	0.3059	10.0	30.000	1.0
108	19.81	Aroclor 1254-3	1319495	1.4396	0.4799	10.0	30.000	1.0
113	20.71	Aroclor 1254-4	1682435	1.6954	0.5651	10.0	30.000	1.0
123	22.49	Aroclor 1254-5	2139827	2.6620	0.8873	10.0	30.000	1.0
			6590792	7.7038		50.0	150.000	5.0

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
112	20.53	Aroclor 1260-1	155294	0.1955	0.0652	10.0	30.000	1.0
136	24.81	Aroclor 1260-4	245775	0.2352	0.0784	10.0	30.000	1.0
141	25.86	Aroclor 1260-5	165017	0.3288	0.1096	10.0	30.000	1.0
			566085	0.7594		30.0	90.000	3.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:20:08 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6093 1X
Sample Number	: 095	Study	: 9800.901
AutoSampler	: BUILT-IN	Rack/Vial	: 1/95
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.98 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 20:53:04 PM	Cycle	: 95

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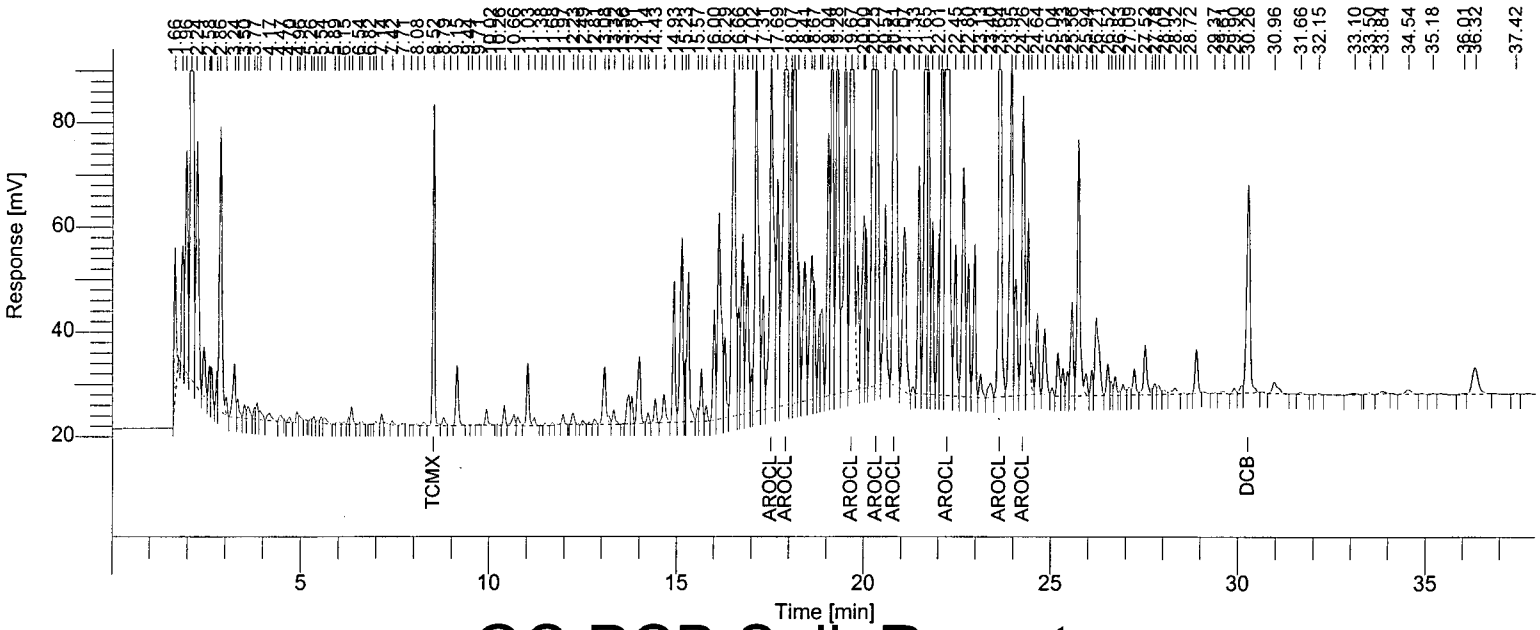
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_095.rst
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_095.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
46	8.52	TCMX	218447	0.0202	0.0067	10.0	30.00	1.0
	22.23	AR1254	5650534	1.5390	0.5130	10.0	30.00	1.0
	23.64	AR1260	1410649	0.3218	0.1073	10.0	30.00	1.0
175	30.26	DCB	258705	0.0224	0.0075	10.0	30.00	1.0

05/21/98 17:20:08 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
100	17.52	Aroclor 1254-1	488713	0.8309	0.2770	10.0	30.00	1.0
102	17.92	Aroclor 1254-2	1045294	1.3781	0.4594	10.0	30.00	1.0
115	19.67	Aroclor 1254-3	1088390	1.0610	0.3537	10.0	30.00	1.0
122	20.81	Aroclor 1254-4	906003	1.6033	0.5344	10.0	30.00	1.0
131	22.23	Aroclor 1254-5	2122134	2.8909	0.9636	10.0	30.00	1.0

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
120	20.33	Aroclor 1260-1	461945	0.5337	0.1779	10.0	30.00	1.0
138	23.64	Aroclor 1260-4	634473	0.9933	0.3311	10.0	30.00	1.0
141	24.26	Aroclor 1260-5	314231	0.2681	0.0894	10.0	30.00	1.0

2/016

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:20:12 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6094 1X
Sample Number	: 096	Study	: 9800.901
AutoSampler	: BUILT-IN	Rack/Vial	: 1/96
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 21:35:42 PM	Cycle	: 96

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
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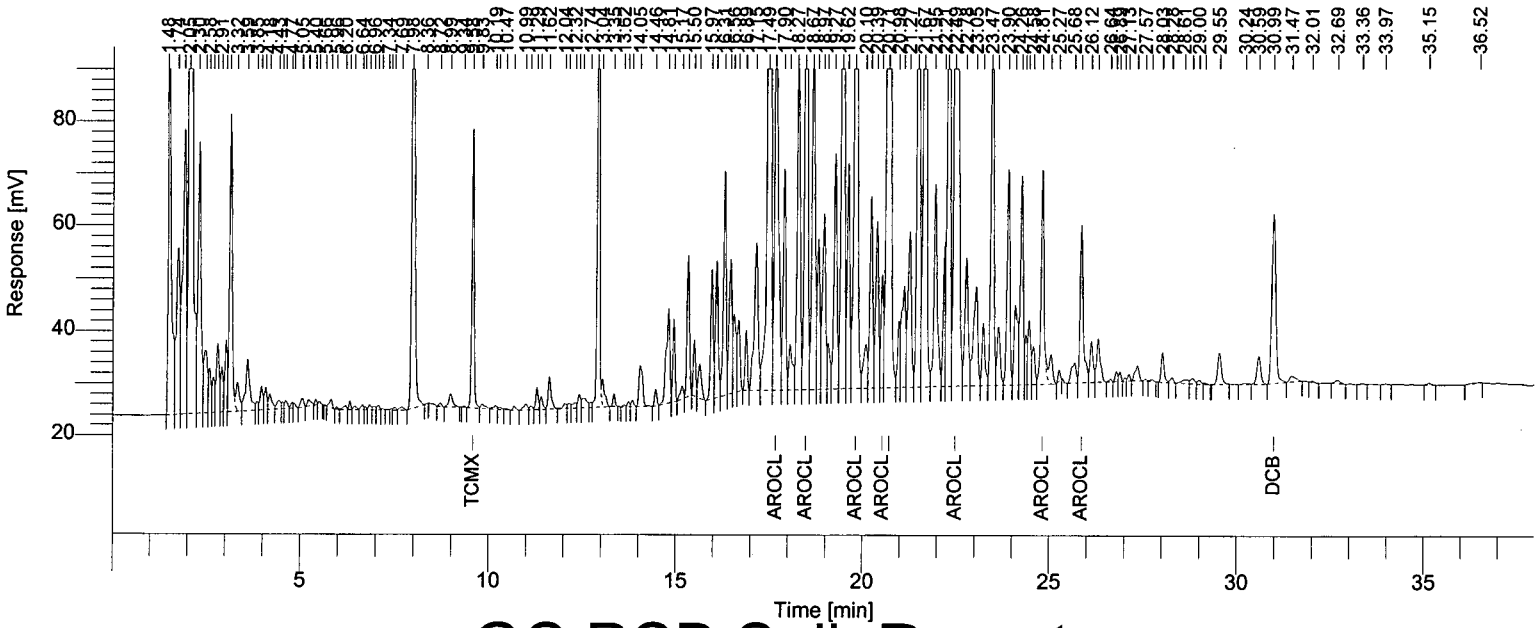

GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
49	9.58	TCMX	219126	0.0208	0.0069	10.0	30.000	1.0
	22.49	AR1254	5005702	1.1797	0.3932	10.0	30.000	1.0
	24.81	AR1260	506844	0.1224	0.0408	10.0	30.000	1.0
151	30.99	DCB	241502	0.0224	0.0075	10.0	30.000	1.0
			5973174	1.3453		40.0	120.000	4.0

05/21/98 17:20:12 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
89	17.67	Aroclor 1254-1	537527	0.8608	0.2869	10.0	30.000	1.0
93	18.47	Aroclor 1254-2	712593	0.7866	0.2622	10.0	30.000	1.0
101	19.81	Aroclor 1254-3	1025703	1.1191	0.3730	10.0	30.000	1.0
106	20.71	Aroclor 1254-4	1176745	1.1858	0.3953	10.0	30.000	1.0
115	22.49	Aroclor 1254-5	1553134	1.9321	0.6440	10.0	30.000	1.0
			5005702	5.8844		50.0	150.000	5.0

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
105	20.53	Aroclor 1260-1	101141	0.1273	0.0424	10.0	30.000	1.0
127	24.81	Aroclor 1260-4	225730	0.2160	0.0720	10.0	30.000	1.0
131	25.85	Aroclor 1260-5	179974	0.3586	0.1195	10.0	30.000	1.0
			506844	0.7019		30.0	90.000	3.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:20:15 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6094 1X
Sample Number	: 096	Study	: 9800.901
AutoSampler	: BUILT-IN	Rack/Vial	: 1/96
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 21:35:42 PM	Cycle	: 96

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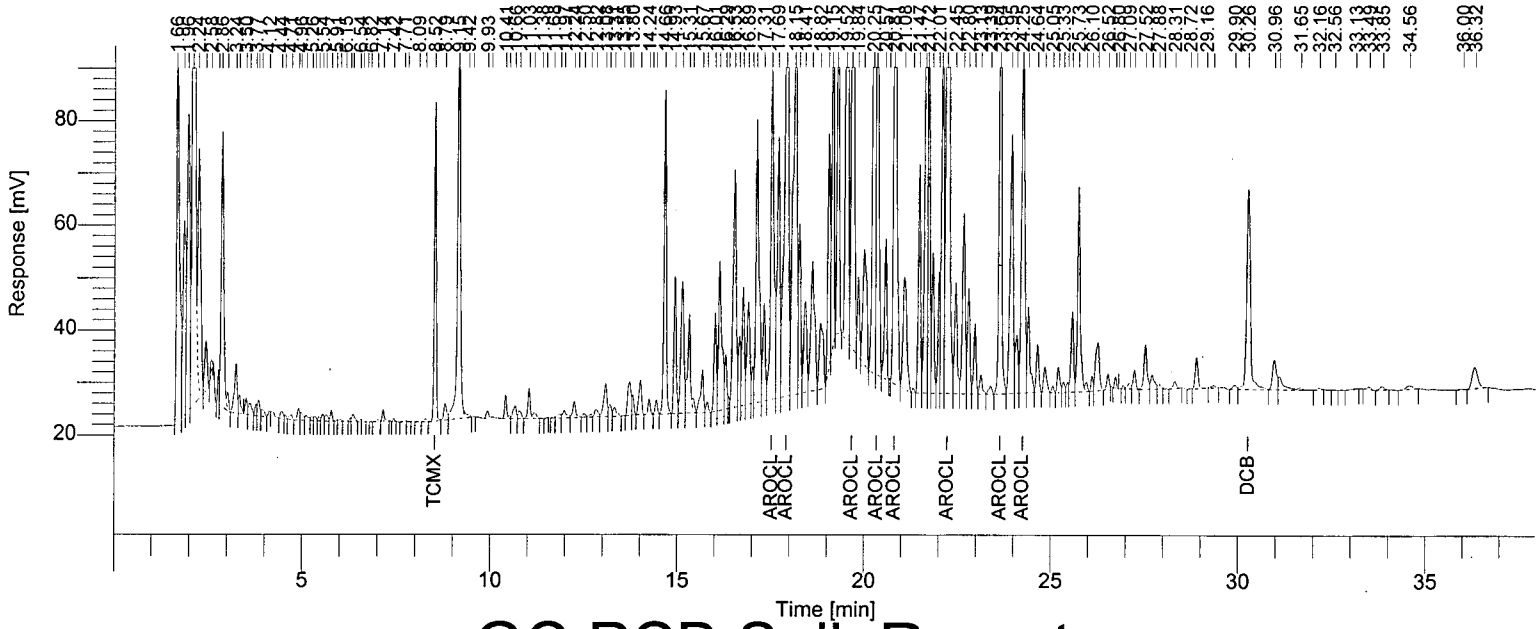
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
47	8.52	TCMX	215624	0.0199	0.0066	10.0	30.00	1.0
	22.23	AR1254	4203352	1.1448	0.3816	10.0	30.00	1.0
	23.64	AR1260	1230548	0.2807	0.0936	10.0	30.00	1.0
165	30.26	DCB	265910	0.0231	0.0077	10.0	30.00	1.0

05/21/98 17:20:15 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
98	17.52	Aroclor 1254-1	387447	0.6587	0.2196	10.0	30.00	1.0
100	17.91	Aroclor 1254-2	786671	1.0371	0.3457	10.0	30.00	1.0
110	19.67	Aroclor 1254-3	774514	0.7550	0.2517	10.0	30.00	1.0
117	20.81	Aroclor 1254-4	674696	1.1940	0.3980	10.0	30.00	1.0
126	22.23	Aroclor 1254-5	1580023	2.1524	0.7175	10.0	30.00	1.0

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
114	20.34	Aroclor 1260-1	385584	0.4455	0.1485	10.0	30.00	1.0
133	23.64	Aroclor 1260-4	449398	0.7036	0.2345	10.0	30.00	1.0
136	24.25	Aroclor 1260-5	395566	0.3375	0.1125	10.0	30.00	1.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:17:12 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6095
Sample Number	: 048	Study	: 9800.901
AutoSampler	: BUILT-IN	Rack/Vial	: 1/48
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/15/98 11:22:31 AM	Cycle	: 48

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_048.raw
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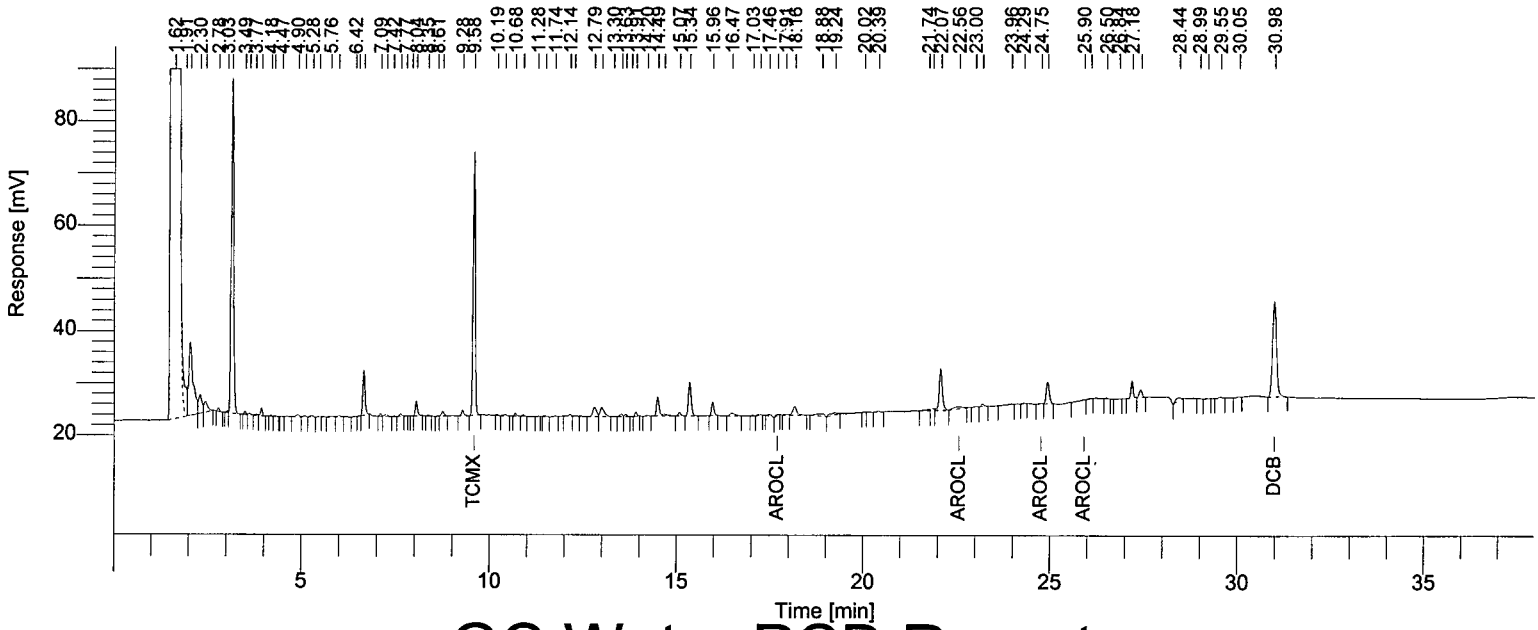
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R_5460.seq



GC Water PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/L	Amt. Ext.(L)	Dilution Factor	Final Vol. (ml)
36	9.58	TCMX	199833	0.0190	0.0002	1000.0000	1.0000	10.0000
	22.56	AR1254	9171	0.0022	0.0000	1000.0000	1.0000	10.0000
	24.75	AR1260	1799	0.0004	0.0000	1000.0000	1.0000	10.0000
91	30.98	DCB	136365	0.0126	0.0001	1000.0000	1.0000	10.0000

05/21/98 17:17:12 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/L	Amt. Ext.(L)	Dilution Factor	Final Vol. (ml)
63	17.69	Aroclor 1254-1	1587	0.0025	0.0000	1000.0000	1.0000	10.0000
0	18.46	Aroclor 1254-2	0	0.0000	0.0000	1000.0000	1.0000	10.0000
0	19.79	Aroclor 1254-3	0	0.0000	0.0000	1000.0000	1.0000	10.0000
0	20.69	Aroclor 1254-4	0	0.0000	0.0000	1000.0000	1.0000	10.0000
73	22.56	Aroclor 1254-5	7584	0.0094	0.0001	1000.0000	1.0000	10.0000

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/L	Amt. Ext.(L)	Dilution Factor	Final Vol. (ml)
0	20.65	Aroclor 1260-1	0	0.0000	0.0000	1000.0000	1.0000	10.0000
78	24.75	Aroclor 1260-4	933	0.0009	0.0000	1000.0000	1.0000	10.0000
80	25.90	Aroclor 1260-5	866	0.0017	0.0000	1000.0000	1.0000	10.0000

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:17:16 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6095
Sample Number	: 048	Study	: 9800.901
AutoSampler	: BUILT-IN	Rack/Vial	: 1/48
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/15/98 11:22:31 AM	Cycle	: 48

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
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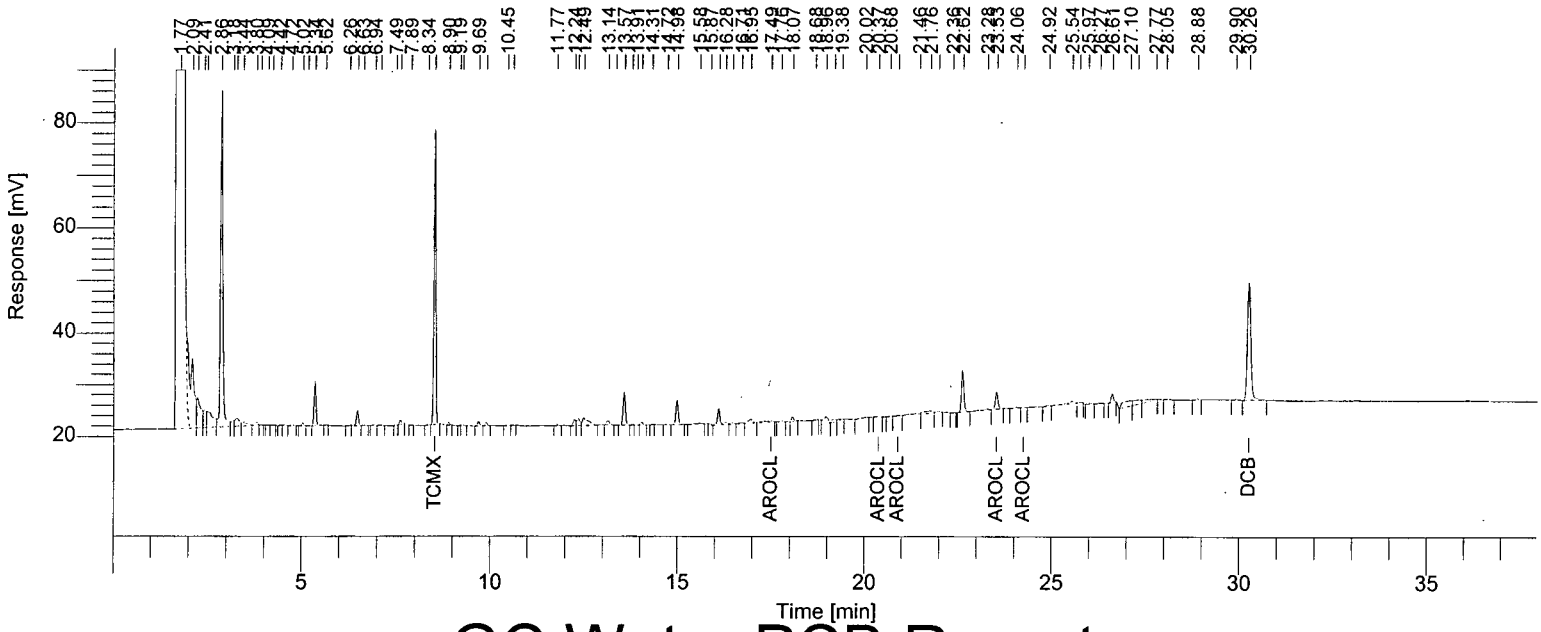

GC Water PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/L	Amt. Ext.(L)	Dilution Factor	Final Vol. (ml)
29	8.52	TCMX	196608	0.0181	0.0002	1000.0000	1.0000	10.0000
	17.49	AR1254	4843	0.0013	0.0000	1000.0000	1.0000	10.0000
	23.53	AR1260	18291	0.0042	0.0000	1000.0000	1.0000	10.0000
89	30.26	DCB	144750	0.0126	0.0001	1000.0000	1.0000	10.0000

05/21/98 17:17:16 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/L	Amt. Ext.(L)	Dilution Factor	Final Vol. (ml)
57	17.49	Aroclor 1254-1	3855	0.0066	0.0001	1000.0000	1.0000	10.0000
0	17.90	Aroclor 1254-2	0	0.0000	0.0000	1000.0000	1.0000	10.0000
0	19.66	Aroclor 1254-3	0	0.0000	0.0000	1000.0000	1.0000	10.0000
67	20.89	Aroclor 1254-4	988	0.0017	0.0000	1000.0000	1.0000	10.0000
0	22.22	Aroclor 1254-5	0	0.0000	0.0000	1000.0000	1.0000	10.0000

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/L	Amt. Ext.(L)	Dilution Factor	Final Vol. (ml)
65	20.37	Aroclor 1260-1	1067	0.0012	0.0000	1000.0000	1.0000	10.0000
74	23.53	Aroclor 1260-4	16369	0.0256	0.0003	1000.0000	1.0000	10.0000
76	24.25	Aroclor 1260-5	855	0.0007	0.0000	1000.0000	1.0000	10.0000

6J

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: E & E INC. Contract:

Instrument: HP68901A Date(s) Analyzed:

Column: RTX-5 4/29/98 to 4/29/98

	LEVEL					INITIAL	WINDOW
COMPOUND	LOW	MED	HIGH	AVE RT	WINDOW (+/-)	From	To
4C3N	3.13	3.13	3.14	3.13	0.05	3.08	3.18
TCMX	9.56	9.56	9.57	9.56	0.05	9.51	9.61
Aroclor 1016-1	10.89	10.89	10.90	10.89	0.07	10.82	10.96
Aroclor 1016-2	13.11	13.11	13.11	13.11	0.07	13.04	13.18
Aroclor 1016-3	14.08	14.08	14.09	14.08	0.07	14.01	14.15
Aroclor 1016-4	14.45	14.45	14.45	14.45	0.07	14.38	14.52
Aroclor 1016-5	14.73	14.73	14.74	14.73	0.07	14.66	14.80
Aroclor 1260-1	20.64	20.64	20.65	20.64	0.07	20.57	20.71
Aroclor 1260-2	21.47	21.47	21.48	21.47	0.07	21.40	21.54
Aroclor 1260-3	22.47	22.47	22.48	22.47	0.07	22.40	22.54
Aroclor 1260-4	24.80	24.80	24.81	24.80	0.07	24.73	24.87
Aroclor 1260-5	25.84	25.84	25.85	25.84	0.07	25.77	25.91
DCB	30.97	30.97	30.98	30.97	0.10	30.87	31.07

6J

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: E & E INC. Contract:

Instrument: HP68901B Date(s) Analyzed:

Column: RTX-35 4/29/98 to 4/29/98

	LEVEL					INITIAL	WINDOW
COMPOUND	LOW	MED	HIGH	AVE RT	WINDOW (+/-)	From	To
4C3N	2.86	2.85	2.86	2.86	0.05	2.81	2.91
TCMX	8.51	8.51	8.51	8.51	0.05	8.46	8.56
Aroclor 1016-1	10.66	10.66	10.66	10.66	0.07	10.59	10.73
Aroclor 1016-2	12.22	12.22	12.22	12.22	0.07	12.15	12.29
Aroclor 1016-3	13.70	13.71	13.71	13.71	0.07	13.64	13.78
Aroclor 1016-4	14.23	14.23	14.23	14.23	0.07	14.16	14.30
Aroclor 1016-5	14.68	14.68	14.68	14.68	0.07	14.61	14.75
Aroclor 1260-1	20.32	20.32	20.33	20.32	0.07	20.25	20.39
Aroclor 1260-2	20.79	20.80	20.80	20.80	0.07	20.73	20.87
Aroclor 1260-3	22.22	22.22	22.22	22.22	0.07	22.15	22.29
Aroclor 1260-4	23.61	23.61	23.62	23.61	0.07	23.54	23.68
Aroclor 1260-5	24.24	24.24	24.24	24.24	0.07	24.17	24.31
DCB	30.25	30.25	30.26	30.25	0.10	30.15	30.35

6J

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: E & E INC. Contract:

Instrument: HP68901A Date(s) Analyzed:

Column: RTX-5 4/30/98 to 4/30/98

	LEVEL					INITIAL WINDOW	
COMPOUND	LOW	MED	HIGH	AVE RT	WINDOW (+/-)	From	To
TCMX	9.56	9.57	9.57	9.57	0.07	9.50	9.64
Aroclor 1254-1	17.65	17.66	17.66	17.66	0.07	17.59	17.73
Aroclor 1254-2	18.45	18.45	18.46	18.45	0.07	18.38	18.52
Aroclor 1254-3	19.79	19.79	19.80	19.79	0.07	19.72	19.86
Aroclor 1254-4	20.69	20.69	20.70	20.69	0.07	20.62	20.76
Aroclor 1254-5	22.47	22.47	22.48	22.47	0.07	22.40	22.54
DCB	30.96	30.97	30.98	30.97	0.07	30.90	31.04

6J

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: E & E INC. Contract:

Instrument: HP68901B Date(s) Analyzed:

Column: RTX-35 4/30/98 to 4/30/98

	LEVEL					INITIAL	WINDOW
COMPOUND	LOW	MED	HIGH	AVE RT	WINDOW (+/-)	From	To
TCMX	8.51	8.51	8.52	8.51	0.07	8.44	8.58
Aroclor 1254-1	17.50	17.50	17.51	17.50	0.07	17.43	17.57
Aroclor 1254-2	17.90	17.90	17.90	17.90	0.07	17.83	17.97
Aroclor 1254-3	19.66	19.66	19.66	19.66	0.07	19.59	19.73
Aroclor 1254-4	20.80	20.79	20.80	20.80	0.07	20.73	20.87
Aroclor 1254-5	22.22	22.22	22.23	22.22	0.07	22.15	22.29
DCB	30.25	30.25	30.26	30.25	0.07	30.18	30.32

6F

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: E & E INC. Contract:

Instrument: HP68901A Date(s) Analyzed:

Column: RTX-5 4/29/98 to 4/29/98

LEVEL (ug/ml) Area							
COMPOUND	0.05	0.1	0.2	0.4	1.0	Ave CF	% RSD
Aroclor 1016-1	19192	38335	73790	128573	286257	348766	12.4
Aroclor 1016-2	21791	44497	87961	159290	369978	417760	7.8
Aroclor 1016-3	70985	143036	281138	510427	1162945	1338953	8.7
Aroclor 1016-4	30012	60093	116152	212587	485450	559770	9.0
Aroclor 1016-5	17908	36708	71251	136360	328735	350226	4.4
Aroclor 1260-1	43938	84197	160359	302993	692063	794414	9.2
Aroclor 1260-2	46185	87016	168340	315703	730755	831115	8.9
Aroclor 1260-3	50897	97527	194850	378907	928522	968650	3.5
Aroclor 1260-4	54494	102362	208186	411536	1041893	1045033	2.5
Aroclor 1260-5	25960	49424	99879	197377	503330	501922	2.1
COMPOUND	0.01	0.02	0.05	0.1	0.2	Ave CF	% RSD
4C3N	65651	134814	294982	536221	1010741	5924271	12.4
COMPOUND	0.005	0.01	0.02	0.04	0.1	Ave CF	% RSD
TCMX	54169	121029	234185	504326	1287668	12026156	6.7
DCB	58210	109076	191785	431861	1090321	10767717	6.9

Average 7.3

6F

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: E & E INC. Contract:

Instrument: HP68901B Date(s) Analyzed:

Column: RTX-35 4/29/98 to 4/29/98

LEVEL (ug/ml) Area							
COMPOUND	0.05	0.1	0.2	0.4	1.0	Ave CF	% RSD
Aroclor 1016-1	17667	35047	65595	110804	234385	308636	16.7
Aroclor 1016-2	40673	78095	145532	242709	498888	685546	19.1
Aroclor 1016-3	72736	139876	263690	449584	944437	1248065	16.9
Aroclor 1016-4	28459	55141	103986	182031	396681	498456	14.4
Aroclor 1016-5	18162	37009	71526	127255	281316	338083	11.1
Aroclor 1260-1	51796	96030	178737	311577	658681	865506	17.2
Aroclor 1260-2	57096	104868	195961	342509	729684	951272	17.0
Aroclor 1260-3	42453	80025	155056	280849	652674	755877	10.4
Aroclor 1260-4	36651	67842	131274	238299	530136	638739	12.2
Aroclor 1260-5	64816	121945	242786	444927	1017677	1171939	9.2
COMPOUND	0.01	0.02	0.05	0.1	0.2	Ave CF	% RSD
4C3N	62832	123841	256463	447633	813461	5229629	19.0
COMPOUND	0.005	0.01	0.02	0.04	0.1	Ave CF	% RSD
TCMX	58383	125484	231019	460511	1066569	11590883	5.8
DCB	63709	117329	205231	440292	1034757	11218224	9.2

Average 13.7

6F

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: E & E INC. Contract:

Instrument: HP68901A Date(s) Analyzed:

Column: RTX-5 4/30/98 to 4/30/98

LEVEL (ug/ml) Area							
COMPOUND	0.05	0.1	0.2	0.4	1.0	Ave CF	% RSD
Aroclor 1254-1	36951	66599	126122	229773	512238	624458	13.9
Aroclor 1254-2	54604	99185	181453	326187	722873	905907	16.0
Aroclor 1254-3	50370	95101	184984	351870	819758	916553	7.8
Aroclor 1254-4	57288	107362	199955	370762	815810	992374	12.9
Aroclor 1254-5	44486	84732	160344	304496	719263	803853	8.4
COMPOUND	0.005	0.01	0.02	0.04	0.1	Ave CF	% RSD
TCMX	47667	99182	221906	433890	1117692	10514214	7.1
DCB	54203	111700	225057	412611	1042553	10800851	3.9

Average 10.0

6F

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: E & E INC. Contract:

Instrument: HP68901B Date(s) Analyzed:

Column: RTX-35 4/30/98 to 4/30/98

LEVEL (ug/ml) Area							
COMPOUND	0.05	0.1	0.2	0.4	1.0	Ave CF	% RSD
Aroclor 1254-1	37105	66494	118705	207073	422635	588177	21.2
Aroclor 1254-2	48231	86173	153334	265053	536925	758516	22.0
Aroclor 1254-3	59958	113310	207663	375066	820926	1025833	14.7
Aroclor 1254-4	33275	63420	114847	204103	441249	565088	16.1
Aroclor 1254-5	42610	80670	144983	271931	606672	734063	13.4
COMPOUND	0.005	0.01	0.02	0.04	0.1	Ave CF	% RSD
TCMX	54199	110598	234811	425552	989345	10834480	6.2
DCB	60264	122436	242966	437858	1026118	11530466	7.7

Average 14.5

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901A ICAL Date(s) Analyzed:

Column: RTX-5 04/30/98 to: 04/30/98

Date/Time Analyzed : 5/14/98 23:21:55 PM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.67	17.59	17.73	0.222	0.200	11.1

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901A ICAL Date(s) Analyzed:

Column: RTX-5 04/29/98 to: 4/29/98

Date/Time Analyzed : 5/15/98 12:04 AM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
4C3N	3.13	3.08	3.18	0.0589	0.0500	17.8 *
TCMX	9.57	9.51	9.61	0.0217	0.0200	8.5
AR1016	10.90	10.82	10.96	0.2188	0.200	9.4
AR1260	20.65	20.57	20.71	0.2140	0.200	7.0
DCB	30.98	30.87	31.07	0.0216	0.0200	8.0

Not a primary surrogate 5/5/98

Ave %D = 10.1

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901A ICAL Date(s) Analyzed:

Column: RTX-5 04/30/98 to: 04/30/98

Date/Time Analyzed : 5/15/98 15:01:20 PM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.68	17.59	17.73	0.221	0.200	10.5

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901A ICAL Date(s) Analyzed:

Column: RTX-5 04/29/98 to: 4/29/98

Date/Time Analyzed : 5/15/98 15:44:01 PM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
4C3N	3.14	3.08	3.18	0.0600	0.0500	20.0 *
TCMX	9.58	9.51	9.61	0.0213	0.0200	6.5
AR1016	10.91	10.82	10.96	0.2162	0.200	8.1
AR1260	20.66	20.57	20.71	0.2160	0.200	8.0
DCB	30.99	30.87	31.07	0.0224	0.0200	12.0

Not a primary surrogate
5/3/98

Ave %D = 10.9

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901A ICAL Date(s) Analyzed:

Column: RTX-5 04/29/98 to: 4/29/98

Date/Time Analyzed : 5/16/98 12:15 AM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
4C3N	3.14	3.08	3.18	0.0605	0.0500	21.0 *
TCMX	9.58	9.51	9.61	0.0216	0.0200	8.0
AR1016	10.91	10.82	10.96	0.2168	0.200	8.4
AR1260	20.65	20.57	20.71	0.2150	0.200	7.5
DCB	30.99	30.87	31.07	0.0210	0.0200	5.0

Not a primary surrogate 5/25/98

Ave %D = 10.0

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901A ICAL Date(s) Analyzed:

Column: RTX-5 04/30/98 to: 04/30/98

Date/Time Analyzed : 5/16/98 12:58:34 AM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.67	17.59	17.73	0.219	0.200	9.7

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901A ICAL Date(s) Analyzed:

Column: RTX-5 04/29/98 to: 4/29/98

Date/Time Analyzed : 5/16/98 9:30 AM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
4C3N	3.14	3.08	3.18	0.0592	0.0500	18.4 *
TCMX	9.58	9.51	9.61	0.0222	0.0200	11.0
AR1016	10.91	10.82	10.96	0.2200	0.200	10.0
AR1260	20.65	20.57	20.71	0.2205	0.200	10.3
DCB	30.98	30.87	31.07	0.0218	0.0200	9.0

Not a primary surrogate 5/25/98

Ave %D = 11.7

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901A ICAL Date(s) Analyzed:

Column: RTX-5 04/30/98 to: 04/30/98

Date/Time Analyzed : 5/16/98 10:13:02 AM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.67	17.59	17.73	0.223	0.200	11.7

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901A ICAL Date(s) Analyzed:

Column: RTX-5 04/29/98 to: 4/29/98

Date/Time Analyzed : 5/16/98 18:44:57 PM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
4C3N	3.14	3.08	3.18	0.0581	0.0500	16.2 *
TCMX	9.57	9.51	9.61	0.0222	0.0200	11.0
AR1016	10.90	10.82	10.96	0.2210	0.200	10.5
AR1260	20.65	20.57	20.71	0.2218	0.200	10.9
DCB	30.98	30.87	31.07	0.0222	0.0200	11.0

Not a primary surrogate

Ave %D = 11.9

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901A ICAL Date(s) Analyzed:

Column: RTX-5 04/30/98 to: 04/30/98

Date/Time Analyzed : 5/16/98 19:27:37 PM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.67	17.59	17.73	0.223	0.200	11.7

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901A ICAL Date(s) Analyzed:

Column: RTX-5 04/29/98 to: 4/29/98

Date/Time Analyzed : 5/17/98 3:59 AM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
4C3N	3.13	3.08	3.18	0.0577	0.0500	15.4 *
TCMX	9.57	9.51	9.61	0.0221	0.0200	10.5
AR1016	10.90	10.82	10.96	0.2187	0.200	9.4
AR1260	20.65	20.57	20.71	0.2123	0.200	6.1
DCB	30.98	30.87	31.07	0.0217	0.0200	8.5

Not a primary surrogate 5/3/98 MC

Ave %D = 10.0

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901A ICAL Date(s) Analyzed:

Column: RTX-5 04/30/98 to: 04/30/98

Date/Time Analyzed : 5/17/98 4:41:50 AM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.67	17.59	17.73	0.219	0.200	9.7

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901B ICAL Date(s) Analyzed:

Column: RTX-35 04/30/98 to: 04/30/98

Date/Time Analyzed : 5/14/98 23:21:55 PM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.51	17.43	17.57	0.205	0.200	2.7

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901B ICAL Date(s) Analyzed:

Column: RTX-35 04/29/98 to: 4/29/98

Date/Time Analyzed : 5/15/98 12:04 AM

COMPOUND	RT	INITIAL WINDOW From	To	Calc Amt.(ng)	Expected Amt.(ng)	% D
4C3N	2.86	2.81	2.91	0.0578	0.0500	15.6 *
TCMX	8.52	8.46	8.56	0.0210	0.0200	5.0
AR1016	10.67	10.59	10.73	0.2174	0.200	8.7
AR1260	20.34	20.25	20.39	0.2046	0.200	2.3
DCB	30.26	30.15	30.35	0.0213	0.0200	6.5

Not a primary surrogate 5/23/98 AL

Ave %D = 7.6

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901B ICAL Date(s) Analyzed:

Column: RTX-35 04/30/98 to: 04/30/98

Date/Time Analyzed : 5/15/98 15:01:20 PM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.52	17.43	17.57	0.197	0.200	-1.6

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901B ICAL Date(s) Analyzed:

Column: RTX-35 04/29/98 to: 4/29/98

Date/Time Analyzed : 5/15/98 15:44:01 PM

COMPOUND	RT	INITIAL WINDOW From	To	Calc Amt.(ng)	Expected Amt.(ng)	% D
4C3N	2.87	2.81	2.91	0.0581	0.0500	16.2 *
TCMX	8.53	8.46	8.56	0.0203	0.0200	1.5
AR1016	10.68	10.59	10.73	0.2121	0.200	6.1
AR1260	20.34	20.25	20.39	0.1976	0.200	-1.2
DCB	30.27	30.15	30.35	0.0212	0.0200	6.0

Not a primary surrogate 5/20/98 AM

Ave %D = 6.2

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901B ICAL Date(s) Analyzed:

Column: RTX-35 04/29/98 to: 4/29/98

Date/Time Analyzed : 5/16/98 12:15 AM

COMPOUND	RT	INITIAL WINDOW From	To	Calc Amt.(ng)	Expected Amt.(ng)	% D
4C3N	2.86	2.81	2.91	0.0587	0.0500	17.4 *
TCMX	8.52	8.46	8.56	0.0208	0.0200	4.0
AR1016	10.67	10.59	10.73	0.2141	0.200	7.1
AR1260	20.33	20.25	20.39	0.2009	0.200	0.4
DCB	30.26	30.15	30.35	0.0219	0.0200	9.5

Not a primary surrogate

Ave %D = 7.7

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901B ICAL Date(s) Analyzed:

Column: RTX-35 04/30/98 to: 04/30/98

Date/Time Analyzed : 5/16/98 12:58:34 AM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.51	17.43	17.57	0.199	0.200	-0.3

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901B ICAL Date(s) Analyzed:

Column: RTX-35 04/29/98 to: 4/29/98

Date/Time Analyzed : 5/16/98 9:30 AM

COMPOUND	RT	INITIAL From	WINDOW To	Calc Amt.(ng)	Expected Amt.(ng)	% D
4C3N	2.86	2.81	2.91	0.0578	0.0500	15.6 *
TCMX	8.52	8.46	8.56	0.0213	0.0200	6.5
AR1016	10.67	10.59	10.73	0.2188	0.200	9.4
AR1260	20.33	20.25	20.39	0.2005	0.200	0.3
DCB	30.26	30.15	30.35	0.0214	0.0200	7.0

Not a primary surrogate 5/25/98

Ave %D = 7.7

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901B ICAL Date(s) Analyzed:

Column: RTX-35 04/30/98 to: 04/30/98

Date/Time Analyzed : 5/16/98 10:13:02 AM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.52	17.43	17.57	0.201	0.200	0.3

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901B ICAL Date(s) Analyzed:

Column: RTX-35 04/29/98 to: 4/29/98

Date/Time Analyzed : 5/16/98 18:44:57 PM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
4C3N	2.86	2.81	2.91	0.0562	0.0500	12.4
TCMX	8.52	8.46	8.56	0.0211	0.0200	5.5
AR1016	10.67	10.59	10.73	0.2165	0.200	8.2
AR1260	20.34	20.25	20.39	0.2035	0.200	1.7
DCB	30.27	30.15	30.35	0.0220	0.0200	10.0

Ave %D = 7.6

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901B ICAL Date(s) Analyzed:

Column: RTX-35 04/30/98 to: 04/30/98

Date/Time Analyzed : 5/16/98 19:27:37 PM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.51	17.43	17.57	0.203	0.200	1.7

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901B ICAL Date(s) Analyzed:

Column: RTX-35 04/29/98 to: 4/29/98

Date/Time Analyzed : 5/17/98 3:59 AM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
4C3N	2.86	2.81	2.91	0.0557	0.0500	11.4
TCMX	8.52	8.46	8.56	0.0209	0.0200	4.5
AR1016	10.67	10.59	10.73	0.2144	0.200	7.2
AR1260	20.33	20.25	20.39	0.1988	0.200	-0.6
DCB	30.26	30.15	30.35	0.0212	0.0200	6.0

Ave %D = 5.9

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: E & E INC. Contract:

Instrument: HP68901B ICAL Date(s) Analyzed:

Column: RTX-35 04/30/98 to: 04/30/98

Date/Time Analyzed : 5/17/98 4:41:50 AM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.51	17.43	17.57	0.200	0.200	0.1

* Value >15.0% Difference

FORM VII PCB

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

GC Column: RTX-5 ID: 0.53(mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901A

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.57 DCB: 31.00

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR1660M	AR1660M	04/29/98	2231	9.56	30.97
02	AR1254M	AR1254M	04/30/98	0703	9.57	30.97
03	AR1254M1	AR1254M1	05/11/98	1001	9.57	30.98
04	AR1660M1	AR1660M1	05/11/98	1044	9.57	30.98
05	ZZZZZ	1338-17-1	05/11/98	1203	9.58	30.99
06	ZZZZZ	1338-17-2	05/11/98	1246	9.56	30.98
07	ZZZZZ	6041	05/11/98	1328	9.57	30.99
08	ZZZZZ	6042	05/11/98	1411		
09	ZZZZZ	6043	05/11/98	1453	9.57	30.99
10	ZZZZZ	604401	05/11/98	1536	9.57	30.97
11	ZZZZZ	6045	05/11/98	1619	9.57	30.99
12	ZZZZZ	6046	05/11/98	1701	9.57	30.99
13	ZZZZZ	6047	05/11/98	1744	9.57	30.99
14	ZZZZZ	6048	05/11/98	1826	9.57	30.99
15	AR1254M2	AR1254M2	05/11/98	1951	9.57	30.98
16	AR1660M2	AR1660M2	05/11/98	2033	9.57	30.99
17	ZZZZZ	604901	05/11/98	2117	9.57	30.98
18	ZZZZZ	6049MS	05/11/98	2200	9.57	30.98
19	ZZZZZ	6049MSD	05/11/98	2242	9.57	30.98
20	ZZZZZ	6050	05/11/98	2325	9.57	30.98
21	ZZZZZ	6051	05/12/98	0008	9.57	30.99
22	ZZZZZ	6052	05/12/98	0050	9.57	30.98
23	ZZZZZ	6053	05/12/98	0133	9.57	30.99
24	ZZZZZ	6054	05/12/98	0216	9.57	30.98
25	ZZZZZ	6055	05/12/98	0258	9.57	30.98
26	ZZZZZ	6056	05/12/98	0341	9.57	30.98
27	AR1254M3	AR1254M3	05/12/98	0506	9.57	30.98
28	AR1660M3	AR1660M3	05/12/98	0549	9.57	30.99
29	ZZZZZ	6057	05/12/98	0631	9.57	30.98
30	ZZZZZ	6058	05/12/98	0714	9.57	30.99
31	ZZZZZ	6059	05/12/98	0757	9.57	30.99
32	ZZZZZ	6060	05/12/98	0839	9.57	30.99

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

GC Column: RTX-5 ID: 0.53(mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901A

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.57 DCB: 31.00

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR1254M4	AR1254M4	05/12/98	1004	9.58	30.99
02	AR1660M4	AR1660M4	05/12/98	1047	9.58	30.99
03	ZZZZZ	6049	05/12/98	1339	9.58	30.99
04	AR1254M5	AR1254M5	05/12/98	1525	9.58	30.99
05	AR1660M5	AR1660M5	05/12/98	1608	9.57	30.99
06	AR1254M6	AR1254M6	05/14/98	2321	9.57	30.98
07	AR1660M6	AR1660M6	05/15/98	0004	9.57	30.98
08	PBLKW1	1248-162-1	05/15/98	0047	9.57	30.98
09	ZZZZZ	1248-162-2	05/15/98	0129	9.57	30.98
10	RB-1	6095	05/15/98	1122	9.58	30.98
11	ZZZZZ	6209	05/15/98	1205	9.58	30.98
12	ZZZZZ	6209MS	05/15/98	1247	9.58	30.98
13	ZZZZZ	6209MSD	05/15/98	1330	9.58	30.99
14	AR1254M7	AR1254M7	05/15/98	1501	9.59	30.99
15	AR1660M7	AR1660M7	05/15/98	1544	9.58	30.99
16	ZZZZZ	1338-37-1	05/15/98	1626	9.58	30.99
17	ZZZZZ	1338-37-2	05/15/98	1709	9.58	30.99
18	ZZZZZ	6068	05/15/98	1752	9.58	30.99
19	ZZZZZ	6069	05/15/98	1834	9.58	30.98
20	ZZZZZ	6070	05/15/98	1917	9.58	30.98
21	ZZZZZ	6071	05/15/98	2000	9.58	30.98
22	ZZZZZ	6072	05/15/98	2042	9.58	30.98
23	ZZZZZ	6073	05/15/98	2125	9.58	30.98
24	ZZZZZ	607401	05/15/98	2207	9.58	30.98
25	ZZZZZ	607501	05/15/98	2250	9.58	30.98
26	AR1660M8	AR1660M8	05/16/98	0015	9.58	30.99
27	AR1254M8	AR1254M8	05/16/98	0058	9.58	30.98
28	ZZZZZ	607601	05/16/98	0141	9.57	30.98
29	ZZZZZ	6077	05/16/98	0223	9.57	30.98
30	ZZZZZ	6078	05/16/98	0306	9.57	30.97
31	ZZZZZ	6079	05/16/98	0349	9.57	30.98
32	ZZZZZ	608001	05/16/98	0431	9.57	30.98

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

GC Column: RTX-5 ID: 0.53(mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901A

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.57 DCB: 31.00

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	ZZZZZ	608101	05/16/98	0514	9.57	30.98
02	ZZZZZ	6082	05/16/98	0556	9.57	30.98
03	ZZZZZ	608301	05/16/98	0639	9.57	30.98
04	ZZZZZ	6083MS01	05/16/98	0722	9.57	30.97
05	ZZZZZ	6083MSD01	05/16/98	0804	9.57	30.98
06	AR1660M9	AR1660M9	05/16/98	0930	9.58	30.98
07	AR1254M9	AR1254M9	05/16/98	1013	9.58	30.98
08	ZZZZZ	608401	05/16/98	1055	9.58	30.98
09	ZZZZZ	608501	05/16/98	1138	9.58	30.99
10	ZZZZZ	6086	05/16/98	1220	9.58	30.98
11	ZZZZZ	6087	05/16/98	1303	9.58	30.98
12	PBLKS1	1338-39-1	05/16/98	1346	9.58	30.98
13	ZZZZZ	1338-39-2	05/16/98	1428	9.57	30.98
14	A2-001	6088	05/16/98	1511	9.57	30.98
15	A2-002	6089	05/16/98	1554	9.57	30.98
16	A2-003	6090	05/16/98	1636	9.58	30.99
17	A2-004	6091	05/16/98	1719	9.58	30.99
18	AR166010	AR1660M10	05/16/98	1844	9.57	30.98
19	AR125410	AR1254M10	05/16/98	1927	9.58	30.98
20	A2-005	6092	05/16/98	2010	9.58	30.98
21	A2-006	6093	05/16/98	2053	9.58	30.99
22	A2-007	6094	05/16/98	2135	9.58	30.99
23	AR166011	AR1660M11	05/17/98	0359	9.57	30.98
24	AR125411	AR1254M11	05/17/98	0441	9.57	30.98
25	AR166012	AR1660M12	05/17/98	1148	9.58	30.99
26	AR125412	AR1254M12	05/17/98	1230	9.58	30.99
27	AR166013	AR1660M13	05/19/98	1124	9.58	30.99
28	AR125413	AR1254M13	05/19/98	1213	9.59	30.99
29	AR166014	AR1660M14	05/19/98	2134	9.57	30.98
30	AR125414	AR1254M14	05/19/98	2217	9.57	30.98
31	AR125415	AR1254M15	05/20/98	0649	9.58	30.99
32	AR166015	AR1660M15	05/20/98	0732	9.58	30.99

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

GC Column: RTX-5 ID: 0.53(mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901A

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.57 DCB: 31.00

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR125416	AR1254M16	05/20/98	1639	9.58	31.00
02	AR166016	AR1660M16	05/20/98	1722	9.58	31.00
03	AR125417	AR1254M17	05/21/98	0110	9.57	30.98
04	AR166017	AR1660M17	05/21/98	0153	9.58	30.99

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

GC Column: RTX-35 ID: 0.53(mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901B

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 8.53 DCB: 30.25

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR1660M	AR1660M	04/29/98	2231	8.51	30.25
02	AR1254M	AR1254M	04/30/98	0703	8.51	30.25
03	AR1254M1	AR1254M1	05/11/98	1001	8.51	30.26
04	AR1660M1	AR1660M1	05/11/98	1044	8.51	30.27
05	ZZZZZ	1338-17-1	05/11/98	1203	8.51	30.27
06	ZZZZZ	1338-17-2	05/11/98	1246	8.52	30.27
07	ZZZZZ	6041	05/11/98	1328	8.52	30.27
08	ZZZZZ	6042	05/11/98	1411		
09	ZZZZZ	6043	05/11/98	1453	8.52	30.27
10	ZZZZZ	604401	05/11/98	1536	8.52	30.26
11	ZZZZZ	6045	05/11/98	1619	8.52	30.27
12	ZZZZZ	6046	05/11/98	1701	8.52	30.27
13	ZZZZZ	6047	05/11/98	1744	8.52	30.27
14	ZZZZZ	6048	05/11/98	1826	8.52	30.27
15	AR1254M2	AR1254M2	05/11/98	1951	8.52	30.27
16	AR1660M2	AR1660M2	05/11/98	2033	8.51	30.27
17	ZZZZZ	604901	05/11/98	2117	8.52	30.26
18	ZZZZZ	6049MS	05/11/98	2200	8.52	30.27
19	ZZZZZ	6049MSD	05/11/98	2242	8.52	30.26
20	ZZZZZ	6050	05/11/98	2325	8.52	30.26
21	ZZZZZ	6051	05/12/98	0008	8.52	30.26
22	ZZZZZ	6052	05/12/98	0050	8.52	30.27
23	ZZZZZ	6053	05/12/98	0133	8.52	30.26
24	ZZZZZ	6054	05/12/98	0216	8.52	30.27
25	ZZZZZ	6055	05/12/98	0258	8.52	30.27
26	ZZZZZ	6056	05/12/98	0341	8.51	30.26
27	AR1254M3	AR1254M3	05/12/98	0506	8.52	30.27
28	AR1660M3	AR1660M3	05/12/98	0549	8.51	30.27
29	ZZZZZ	6057	05/12/98	0631	8.52	30.26
30	ZZZZZ	6058	05/12/98	0714	8.52	30.27
31	ZZZZZ	6059	05/12/98	0757	8.52	30.27
32	ZZZZZ	6060	05/12/98	0839	8.52	30.27

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

GC Column: RTX-35 ID: 0.53(mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901B

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 8.53 DCB: 30.25

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR1254M4	AR1254M4	05/12/98	1004	8.52	30.27
02	AR1660M4	AR1660M4	05/12/98	1047	8.52	30.27
03	ZZZZZ	6049	05/12/98	1339	8.51	30.26
04	AR1254M5	AR1254M5	05/12/98	1525	8.52	30.27
05	AR1660M5	AR1660M5	05/12/98	1608	8.52	30.27
06	AR1254M6	AR1254M6	05/14/98	2321	8.52	30.26
07	AR1660M6	AR1660M6	05/15/98	0004	8.52	30.26
08	PBLKW1	1248-162-1	05/15/98	0047	8.52	30.26
09	ZZZZZ	1248-162-2	05/15/98	0129	8.52	30.26
10	RB-1	6095	05/15/98	1122	8.52	30.26
11	ZZZZZ	6209	05/15/98	1205	8.52	30.26
12	ZZZZZ	6209MS	05/15/98	1247	8.53	30.26
13	ZZZZZ	6209MSD	05/15/98	1330	8.53	30.26
14	AR1254M7	AR1254M7	05/15/98	1501	8.53	30.27
15	AR1660M7	AR1660M7	05/15/98	1544	8.53	30.27
16	ZZZZZ	1338-37-1	05/15/98	1626	8.53	30.27
17	ZZZZZ	1338-37-2	05/15/98	1709	8.53	30.27
18	ZZZZZ	6068	05/15/98	1752	8.53	30.27
19	ZZZZZ	6069	05/15/98	1834	8.53	30.27
20	ZZZZZ	6070	05/15/98	1917	8.52	30.26
21	ZZZZZ	6071	05/15/98	2000	8.52	30.26
22	ZZZZZ	6072	05/15/98	2042	8.52	30.26
23	ZZZZZ	6073	05/15/98	2125	8.52	30.26
24	ZZZZZ	607401	05/15/98	2207	8.52	30.26
25	ZZZZZ	607501	05/15/98	2250	8.52	30.26
26	AR1660M8	AR1660M8	05/16/98	0015	8.52	30.26
27	AR1254M8	AR1254M8	05/16/98	0058	8.52	30.26
28	ZZZZZ	607601	05/16/98	0141	8.52	30.26
29	ZZZZZ	6077	05/16/98	0223	8.52	30.26
30	ZZZZZ	6078	05/16/98	0306	8.52	30.26
31	ZZZZZ	6079	05/16/98	0349	8.52	30.26
32	ZZZZZ	608001	05/16/98	0431	8.52	30.26

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

GC Column: RTX-35 ID: 0.53(mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901B

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 8.53 DCB: 30.25

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	ZZZZZ	608101	05/16/98	0514	8.52	30.26
02	ZZZZZ	6082	05/16/98	0556	8.52	30.26
03	ZZZZZ	608301	05/16/98	0639	8.52	30.26
04	ZZZZZ	6083MS01	05/16/98	0722	8.52	30.26
05	ZZZZZ	6083MSD01	05/16/98	0804	8.52	30.27
06	AR1660M9	AR1660M9	05/16/98	0930	8.52	30.26
07	AR1254M9	AR1254M9	05/16/98	1013	8.53	30.27
08	ZZZZZ	608401	05/16/98	1055	8.52	30.26
09	ZZZZZ	608501	05/16/98	1138	8.52	30.26
10	ZZZZZ	6086	05/16/98	1220	8.53	30.27
11	ZZZZZ	6087	05/16/98	1303	8.53	30.27
12	PBLKS1	1338-39-1	05/16/98	1346	8.53	30.27
13	ZZZZZ	1338-39-2	05/16/98	1428	8.52	30.26
14	A2-001	6088	05/16/98	1511	8.53	30.27
15	A2-002	6089	05/16/98	1554	8.52	30.26
16	A2-003	6090	05/16/98	1636	8.53	30.27
17	A2-004	6091	05/16/98	1719	8.52	30.26
18	AR166010	AR1660M10	05/16/98	1844	8.52	30.27
19	AR125410	AR1254M10	05/16/98	1927	8.52	30.27
20	A2-005	6092	05/16/98	2010	8.52	30.26
21	A2-006	6093	05/16/98	2053	8.52	30.26
22	A2-007	6094	05/16/98	2135	8.52	30.26
23	AR166011	AR1660M11	05/17/98	0359	8.52	30.26
24	AR125411	AR1254M11	05/17/98	0441	8.52	30.26
25	AR166012	AR1660M12	05/17/98	1148	8.53	30.26
26	AR125412	AR1254M12	05/17/98	1230	8.52	30.27
27	AR166013	AR1660M13	05/19/98	1124	8.52	30.27
28	AR125413	AR1254M13	05/19/98	1213	8.52	30.26
29	AR166014	AR1660M14	05/19/98	2134	8.52	30.27
30	AR125414	AR1254M14	05/19/98	2217	8.52	30.27
31	AR125415	AR1254M15	05/20/98	0649	8.52	30.27
32	AR166015	AR1660M15	05/20/98	0732	8.52	30.27

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

GC Column: RTX-35 ID: 0.53(mm) Init. Calib. Date(s): 04/29/98 04/30/98

Instrument ID: 68901B

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 8.53 DCB: 30.25

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR125416	AR1254M16	05/20/98	1639	8.53	30.28
02	AR166016	AR1660M16	05/20/98	1722	8.53	30.28
03	AR125417	AR1254M17	05/21/98	0110	8.52	30.26
04	AR166017	AR1660M17	05/21/98	0153	8.52	30.26

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

A2-001

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

Lab Sample ID : 6088 Dates(s) Analyzed: 05/16/98 05/16/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53(mm) GC Column(2): RTX-35 ID: 0.53(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	17.66	17.59	17.73	186		
Aroclor-1254	2	18.47	18.38	18.52	161		
	3	19.81	19.72	19.86	224		
COLUMN 1	4	20.70	20.62	20.76	269		
	5	22.48	22.40	22.54	431	250	
	1	17.52	17.43	17.57	117		
	2	17.92	17.83	17.97	224		
	3	19.67	19.59	19.73	196		
COLUMN 2	4	20.81	20.72	20.86	344		
	5	22.22	22.15	22.29	746	330	32.0
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	71.4		
	5	25.85	25.77	25.91	118	95	
	1	20.34	20.25	20.39	119		
	2						
	3						
COLUMN 2	4	23.64	23.54	23.68	176		
	5	24.26	24.17	24.31	90.5	130	36.8

At least 3 peaks are required for identification of multicomponent analytes

FORM X PEST-2 SW8082

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

A2-002

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

Lab Sample ID : 6089 Dates(s) Analyzed: 05/16/98 05/16/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53(mm) GC Column(2): RTX-35 ID: 0.53(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	17.67	17.59	17.73	178		
Aroclor-1254	2	18.47	18.38	18.52	144		
	3	19.81	19.72	19.86	180		
COLUMN 1	4	20.71	20.62	20.76	239		
	5	22.48	22.40	22.54	346	220	
	1	17.52	17.43	17.57	120		
	2	17.91	17.83	17.97	177		
	3	19.67	19.59	19.73	143		
COLUMN 2	4	20.81	20.72	20.86	269		
	5	22.22	22.15	22.29	614	260	18.2
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	43.1		
	5	25.85	25.77	25.91	73.4	58	
	1	20.33	20.25	20.39	91.4		
	2						
	3						
COLUMN 2	4	23.64	23.54	23.68	135		
	5	24.22	24.17	24.31	316	180	210.3

At least 3 peaks are required for identification of multicomponent analytes

page 1 of 1

FORM X PEST-2 SW8082

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

A2-003

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

Lab Sample ID : 6090 Dates(s) Analyzed: 05/16/98 05/16/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53(mm) GC Column(2): RTX-35 ID: 0.53(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	17.66	17.59	17.73	250		
Aroclor-1254	2	18.47	18.38	18.52	169		
	3	19.81	19.72	19.86	232		
COLUMN 1	4	20.71	20.62	20.76	304		
	5	22.49	22.40	22.54	468	280	
	1	17.52	17.43	17.57	110		
	2	17.91	17.83	17.97	192		
	3	19.67	19.59	19.73	191		
COLUMN 2	4	20.81	20.72	20.86	330		
	5	22.23	22.15	22.29	516	270	3.7
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.82	24.73	24.87	71.6		
	5	25.86	25.77	25.91	111	91	
	1	20.34	20.25	20.39	112		
	2						
	3						
COLUMN 2	4	23.64	23.54	23.68	186		
	5	24.25	24.17	24.31	88.6	130	42.9

At least 3 peaks are required for identification of multicomponent analytes

FORM X PEST-2 SW8082

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

A2-004

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

Lab Sample ID : 6091 Dates(s) Analyzed: 05/16/98 05/16/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53(mm) GC Column(2): RTX-35 ID: 0.53(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	17.67	17.59	17.73	170		
Aroclor-1254	2	18.47	18.38	18.52	144		
	3	19.81	19.72	19.86	210		
COLUMN 1	4	20.71	20.62	20.76	260		
	5	22.49	22.40	22.54	470	250	
	1	17.52	17.43	17.57	169		
	2	17.91	17.83	17.97	297		
	3	19.67	19.59	19.73	194		
COLUMN 2	4	20.81	20.72	20.86	340		
	5	22.22	22.15	22.29	587	320	28.0
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	66.8		
	5	25.85	25.77	25.91	111	89	
	1	20.33	20.25	20.39	119		
	2						
	3						
COLUMN 2	4	23.64	23.54	23.68	176		
	5	24.25	24.17	24.31	75.1	120	34.8

At least 3 peaks are required for identification of multicomponent analytes

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FORM X PEST-2 SW8082

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

A2-005

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

Lab Sample ID : 6092 Dates(s) Analyzed: 05/16/98 05/16/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53(mm) GC Column(2): RTX-35 ID: 0.53(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	17.67	17.59	17.73	16.7		
Aroclor-1254	2	18.47	18.38	18.52	19.4		
	3	19.80	19.72	19.86	19.2		
COLUMN 1	4	20.70	20.62	20.76	23.2		
	5	22.48	22.40	22.54	32.6	22	
	1	17.52	17.43	17.57	20.3		
	2	17.91	17.83	17.97	27.9		
	3	19.67	19.59	19.73	14.1		
COLUMN 2	4	20.80	20.72	20.86	32.6		
	5	22.23	22.15	22.29	40.1	27	22.7

At least 3 peaks are required for identification of multicomponent analytes

FORM X PEST-2 SW8082

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

A2-006

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

Lab Sample ID : 6093 Dates(s) Analyzed: 05/16/98 05/16/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53(mm) GC Column(2): RTX-35 ID: 0.53(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	17.67	17.59	17.73	445		
Aroclor-1254	2	18.47	18.38	18.52	413		
	3	19.81	19.72	19.86	648		
COLUMN 1	4	20.71	20.62	20.76	763		
	5	22.49	22.40	22.54	1200	690	
	1	17.52	17.43	17.57	374		
	2	17.92	17.83	17.97	621		
	3	19.67	19.59	19.73	477		
COLUMN 2	4	20.81	20.72	20.86	720		
	5	22.23	22.15	22.29	1300	700	1.4
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	106		
	5	25.86	25.77	25.91	148	130	
	1	20.33	20.25	20.39	240		
	2						
	3						
COLUMN 2	4	23.64	23.54	23.68	448		
	5	24.26	24.17	24.31	121	270	107.7

At least 3 peaks are required for identification of multicomponent analytes

FORM X PEST-2 SW8082

10B
PCB IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

A2-007

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

Lab Sample ID : 6094 Dates(s) Analyzed: 05/16/98 05/16/98

Instrument ID (1): 68901A Instrument ID (2): 68901B

GC Column(1): RTX-5 ID: 0.53(mm) GC Column(2): RTX-35 ID: 0.53(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	17.67	17.59	17.73	358		
Aroclor-1254	2	18.47	18.38	18.52	327		
	3	19.81	19.72	19.86	466		
COLUMN 1	4	20.71	20.62	20.76	494		
	5	22.49	22.40	22.54	804	490	
	1	17.52	17.43	17.57	274		
	2	17.91	17.83	17.97	432		
	3	19.67	19.59	19.73	314		
COLUMN 2	4	20.81	20.72	20.86	496		
	5	22.23	22.15	22.29	896	480	2.1
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	89.8		
	5	25.85	25.77	25.91	149	120	
	1	20.34	20.25	20.39	185		
	2						
	3						
COLUMN 2	4	23.64	23.54	23.68	293		
	5	24.25	24.17	24.31	140	210	75.0

At least 3 peaks are required for identification of multicomponent analytes

FORM X PEST-2 SW8082

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:05 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 001	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/1
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.97 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
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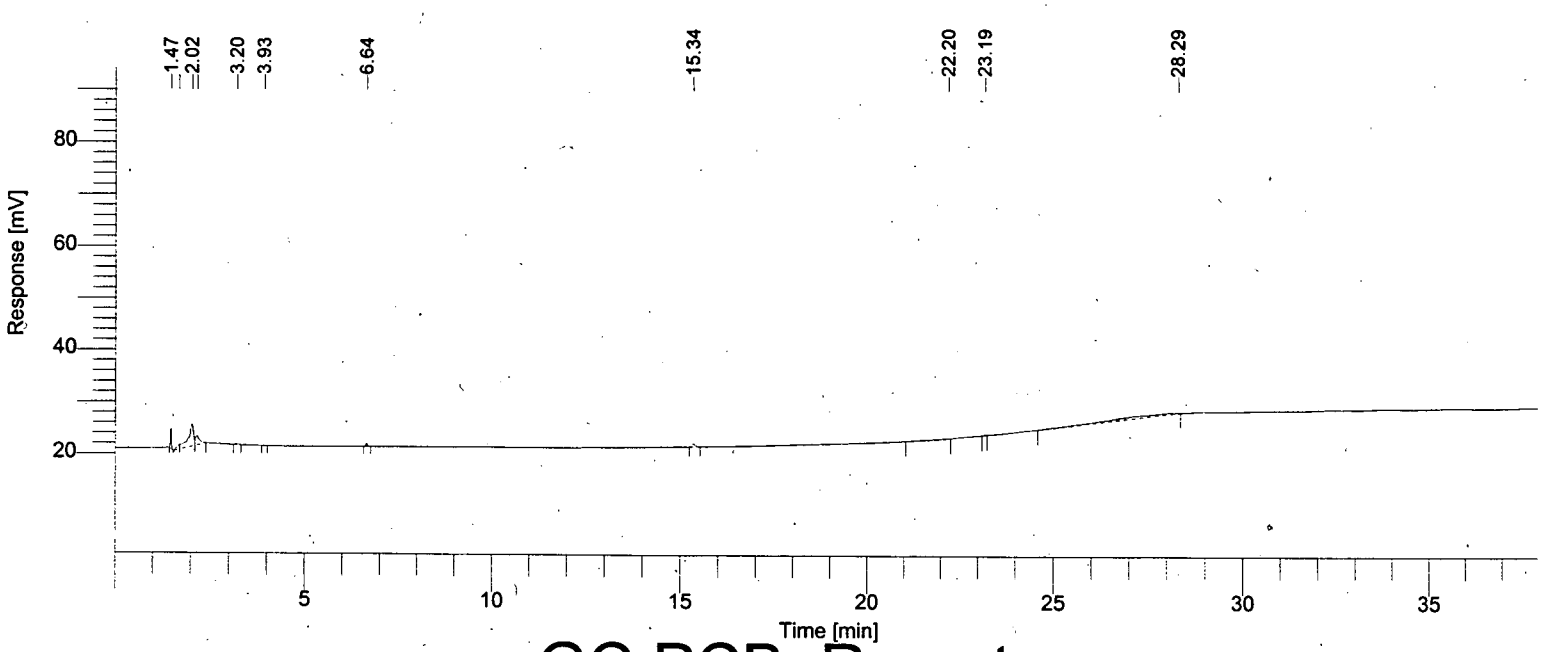

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

No peaks available to report

Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	10.90	Aroclor 1016-1	0	0.0000
0	13.11	Aroclor 1016-2	0	0.0000
0	14.08	Aroclor 1016-3	0	0.0000
0	14.45	Aroclor 1016-4	0	0.0000
0	14.73	Aroclor 1016-5	0	0.0000

05/22/98 08:45:05 AM Result:
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Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	20.65	Aroclor 1260-1	0	0.0000
0	21.48	Aroclor 1260-2	0	0.0000
0	22.48	Aroclor 1260-3	0	0.0000
0	24.81	Aroclor 1260-4	0	0.0000
0	25.85	Aroclor 1260-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:10 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 002	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/2
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 18:16:49 PM	Cycle	: 2

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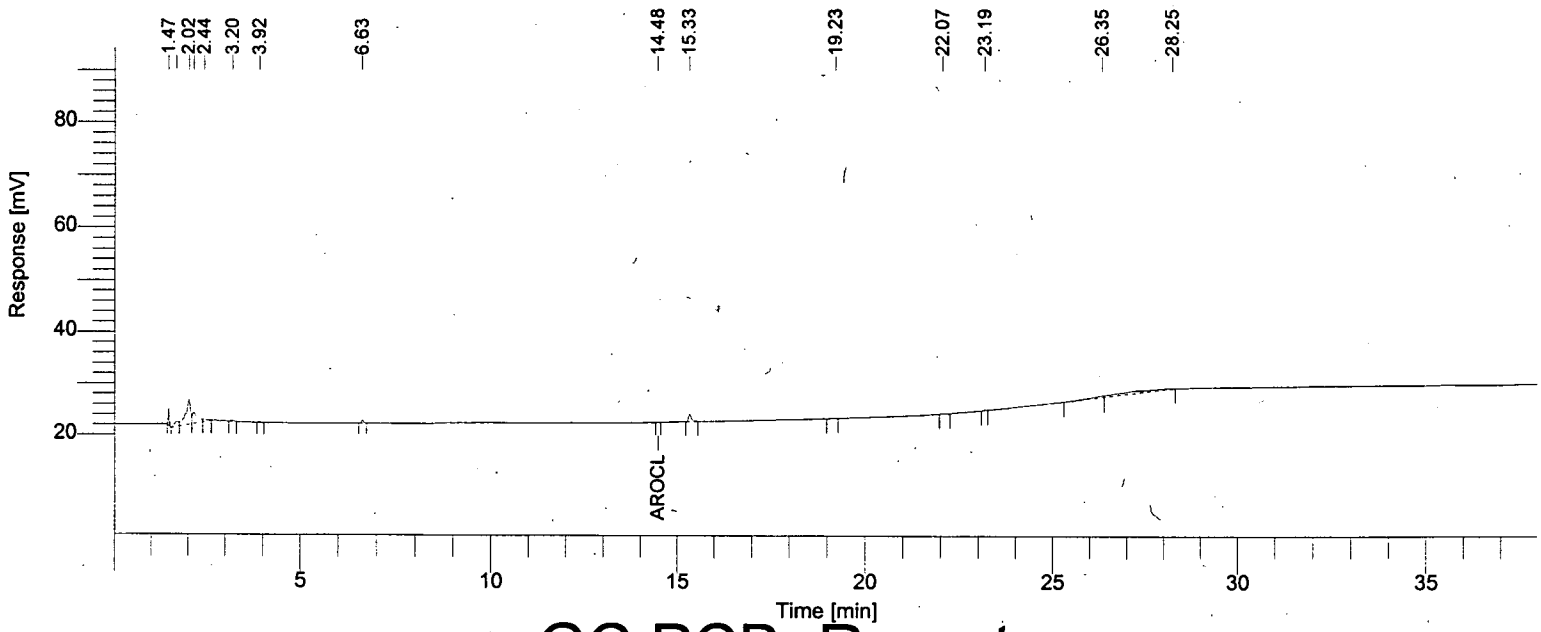

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	14.48	AR1016	213	0.0001

Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	10.90	Aroclor 1016-1	0	0.0000
0	13.11	Aroclor 1016-2	0	0.0000
0	14.08	Aroclor 1016-3	0	0.0000
9	14.48	Aroclor 1016-4	213	0.0004
0	14.73	Aroclor 1016-5	0	0.0000

05/22/98 08:45:10 AM Result:
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Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	20.65	Aroclor 1260-1	0	0.0000
0	21.48	Aroclor 1260-2	0	0.0000
0	22.48	Aroclor 1260-3	0	0.0000
0	24.81	Aroclor 1260-4	0	0.0000
0	25.85	Aroclor 1260-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:16 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1221M
Sample Number	: 003	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/3
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
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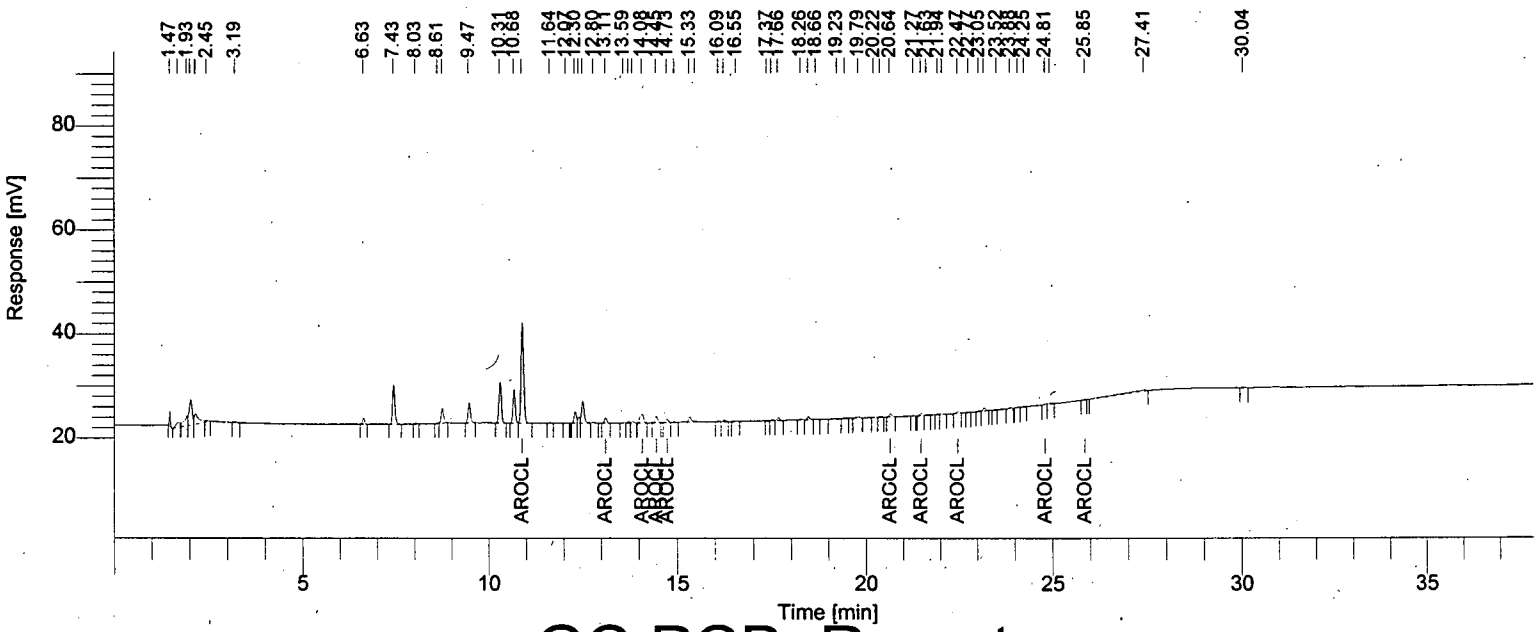

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	10.90	AR1016	117952	0.0391
	20.64	AR1260	7669	0.0019

05/22/98 08:45:16 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
16	10.90	Aroclor 1016-1	93871	0.2692
23	13.11	Aroclor 1016-2	4464	0.0107
27	14.08	Aroclor 1016-3	11254	0.0084
28	14.45	Aroclor 1016-4	5569	0.0099
29	14.73	Aroclor 1016-5	2794	0.0080

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
47	20.64	Aroclor 1260-1	2842	0.0036
49	21.47	Aroclor 1260-2	2111	0.0025
53	22.47	Aroclor 1260-3	1599	0.0017
61	24.81	Aroclor 1260-4	863	0.0008
63	25.85	Aroclor 1260-5	254	0.0005

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:22 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1232M
Sample Number	: 004	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/4
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 19:41:45 PM	Cycle	: 4

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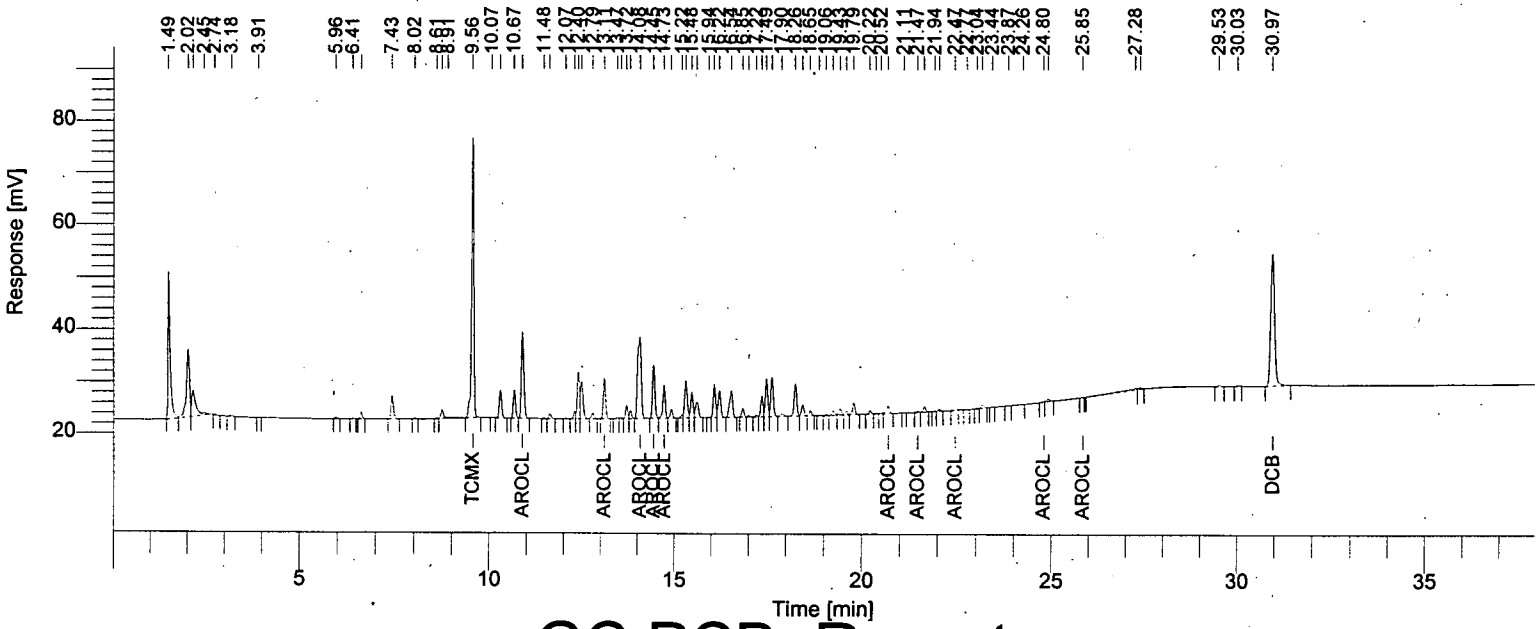

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
16	9.56	TCMX	223728	0.0186
	10.89	AR1016	297647	0.0987
	20.70	AR1260	10572	0.0026
84	30.97	DCB	183054	0.0170

05/22/98 08:45:22 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
20	10.89	Aroclor 1016-1	78462	0.2250
28	13.11	Aroclor 1016-2	34605	0.0828
33	14.08	Aroclor 1016-3	109733	0.0820
34	14.45	Aroclor 1016-4	46527	0.0831
35	14.73	Aroclor 1016-5	28319	0.0809

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
64	20.70	Aroclor 1260-1	7303	0.0092
66	21.47	Aroclor 1260-2	1118	0.0013
70	22.47	Aroclor 1260-3	1252	0.0013
77	24.80	Aroclor 1260-4	642	0.0006
79	25.85	Aroclor 1260-5	258	0.0005

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:28 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1248M
Sample Number	: 005	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/5
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 20:24:20 PM	Cycle	: 5

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Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_005.rst
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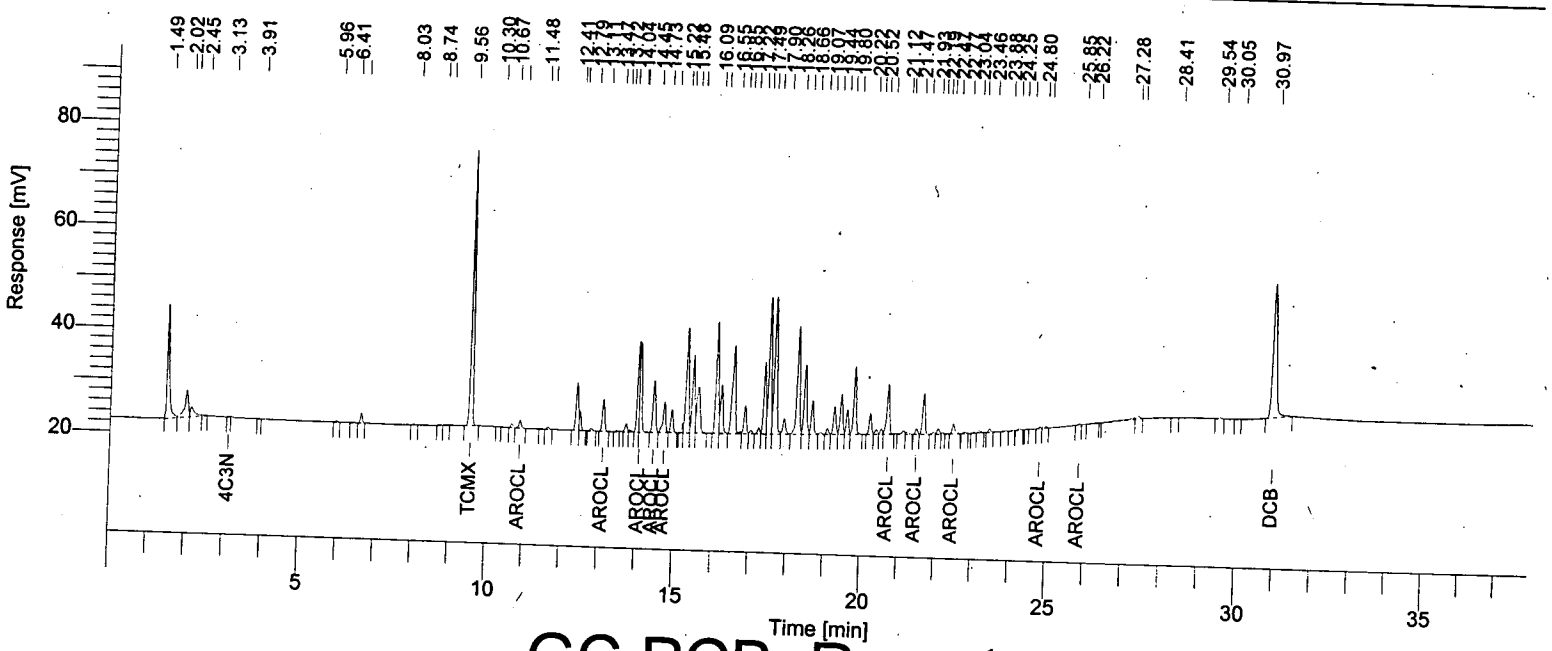
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
5	3.13	4C3N	342	0.0001
13	9.56	TCMX	209179	0.0174
	14.08	AR1016	172193	0.0571
	20.70	AR1260	65358	0.0158
86	30.97	DCB	189896	0.0176

05/22/98 08:45:28 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
16	10.89	Aroclor 1016-1	6600	0.0189
22	13.11	Aroclor 1016-2	27053	0.0648
28	14.08	Aroclor 1016-3	61407	0.0459
29	14.45	Aroclor 1016-4	47991	0.0857
30	14.73	Aroclor 1016-5	29143	0.0832

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
59	20.70	Aroclor 1260-1	48818	0.0615
62	21.47	Aroclor 1260-2	4746	0.0057
68	22.47	Aroclor 1260-3	10110	0.0104
77	24.80	Aroclor 1260-4	1084	0.0010
79	25.85	Aroclor 1260-5	600	0.0012

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:33 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1660L
Sample Number	: 006	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/6
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 21:06:53 PM	Cycle	: 6

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Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_006.rst
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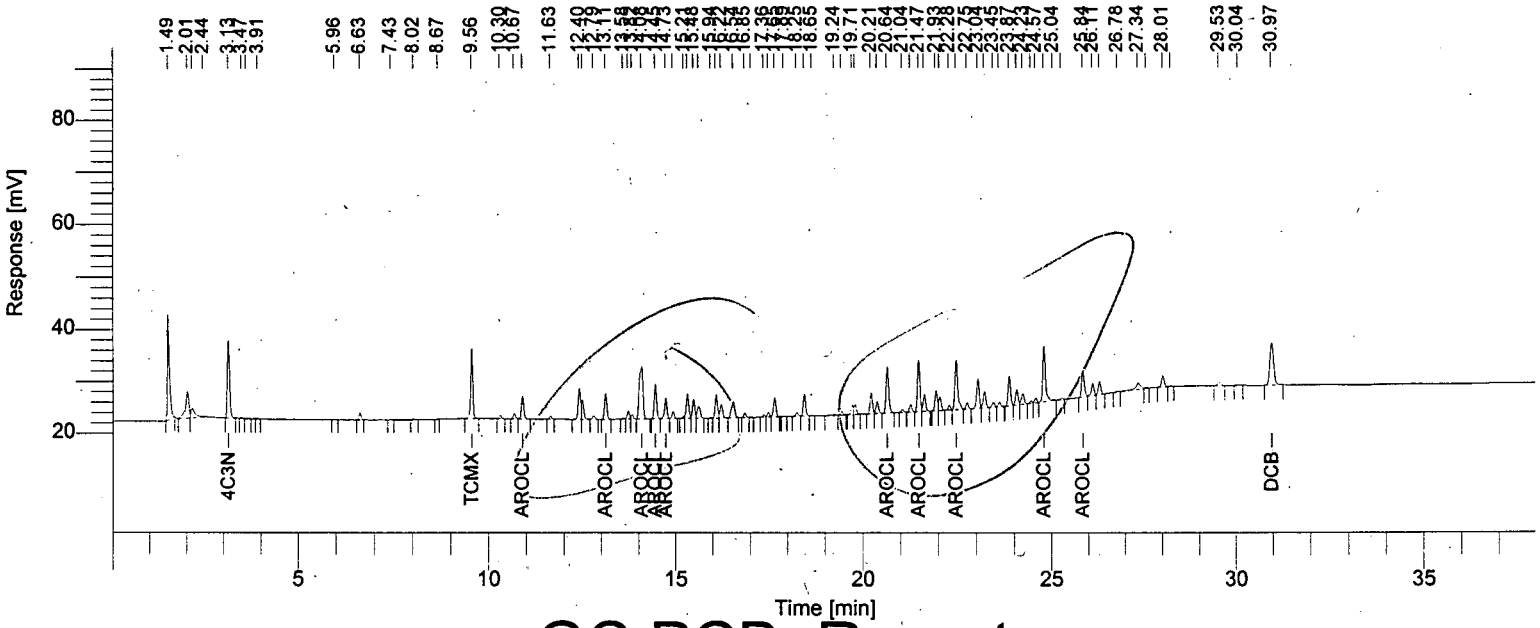
\\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_006.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
5	3.13	4C3N	65651	0.0111
14	9.56	TCMX	54169	0.0045
	14.08	AR1016	159888	0.0530
	24.80	AR1260	221474	0.0535
85	30.97	DCB	58210	0.0054

05/22/98 08:45:33 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
17	10.89	Aroclor 1016-1	19192	0.0550
22	13.11	Aroclor 1016-2	21791	0.0522
26	14.08	Aroclor 1016-3	70985	0.0530
27	14.45	Aroclor 1016-4	30012	0.0536
28	14.73	Aroclor 1016-5	17908	0.0511

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
53	20.64	Aroclor 1260-1	43938	0.0553
56	21.47	Aroclor 1260-2	46185	0.0556
61	22.47	Aroclor 1260-3	50897	0.0525
72	24.80	Aroclor 1260-4	54494	0.0521
75	25.84	Aroclor 1260-5	25960	0.0517

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:39 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1660ML
Sample Number	: 007	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/7
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.95 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 21:49:28 PM	Cycle	: 7

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\\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_007.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
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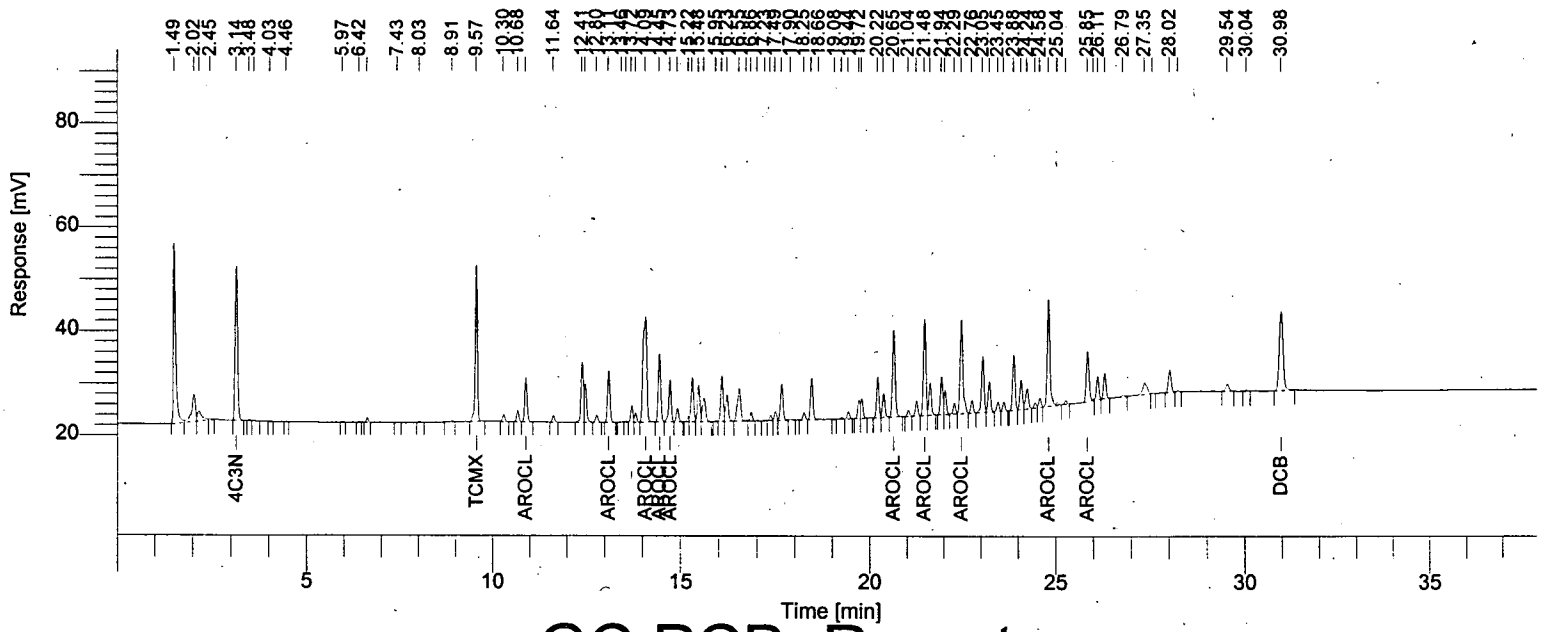

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
5	3.14	4C3N	134814	0.0228
16	9.57	TCMX	121029	0.0101
	14.09	AR1016	322668	0.1070
	24.81	AR1260	420528	0.1015
92	30.98	DCB	109076	0.0101

05/22/98 08:45:39 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
19	10.90	Aroclor 1016-1	38335	0.1099
24	13.11	Aroclor 1016-2	44497	0.1065
29	14.09	Aroclor 1016-3	143036	0.1068
30	14.45	Aroclor 1016-4	60093	0.1074
31	14.73	Aroclor 1016-5	36708	0.1048

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
59	20.65	Aroclor 1260-1	84197	0.1060
62	21.48	Aroclor 1260-2	87016	0.1047
67	22.47	Aroclor 1260-3	97527	0.1007
78	24.81	Aroclor 1260-4	102362	0.0980
81	25.85	Aroclor 1260-5	49424	0.0985

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:45 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1660M
Sample Number	: 008	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/8
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 22:31:59 PM	Cycle	: 8

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
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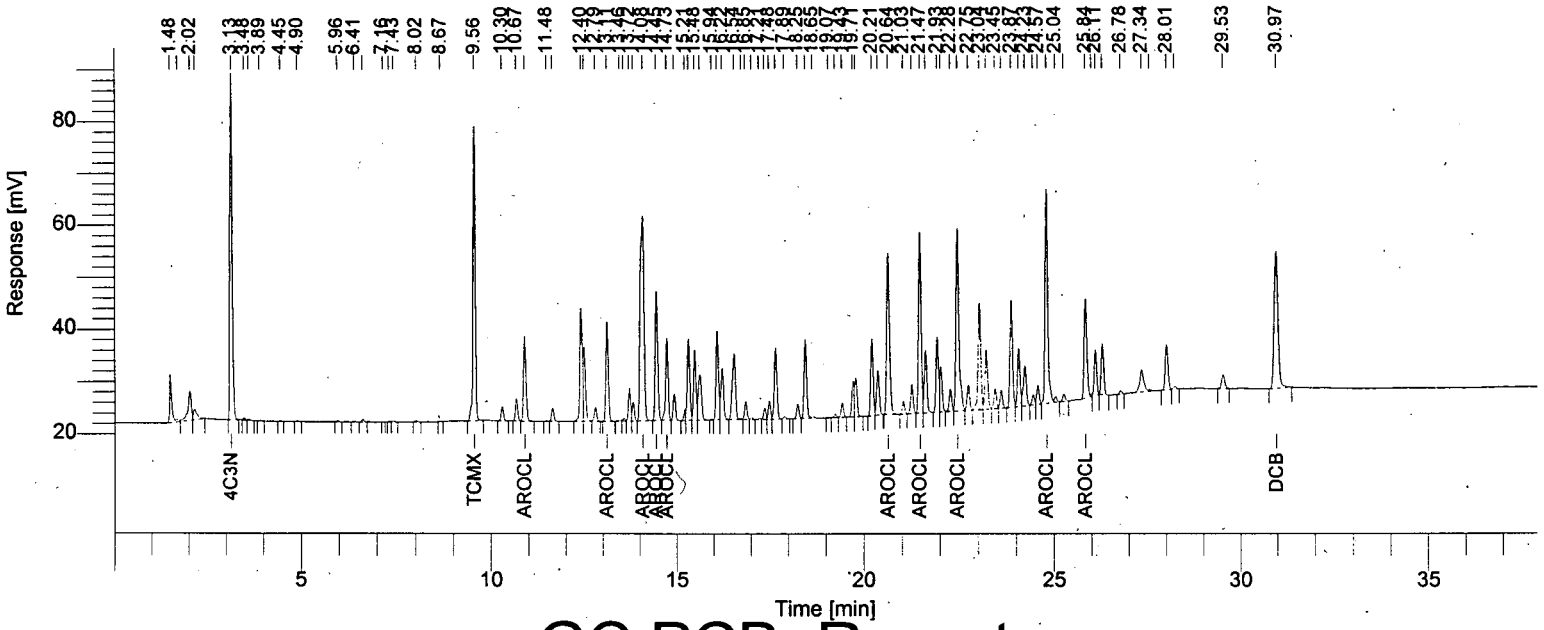

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
5	3.13	4C3N	294982	0.0498
19	9.56	TCMX	234185	0.0195
	14.08	AR1016	630292	0.2090
	24.80	AR1260	831615	0.2008
95	30.97	DCB	191785	0.0178

05/22/98 08:45:45 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
22	10.89	Aroclor 1016-1	73790	0.2116
28	13.11	Aroclor 1016-2	87961	0.2106
33	14.08	Aroclor 1016-3	281138	0.2100
34	14.45	Aroclor 1016-4	116152	0.2075
35	14.73	Aroclor 1016-5	71251	0.2034

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
63	20.64	Aroclor 1260-1	160359	0.2019
66	21.47	Aroclor 1260-2	168340	0.2025
71	22.47	Aroclor 1260-3	194850	0.2012
82	24.80	Aroclor 1260-4	208186	0.1992
85	25.84	Aroclor 1260-5	99879	0.1990

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:50 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1660MH
Sample Number	: 009	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/9
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 23:14:40 PM	Cycle	: 9

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
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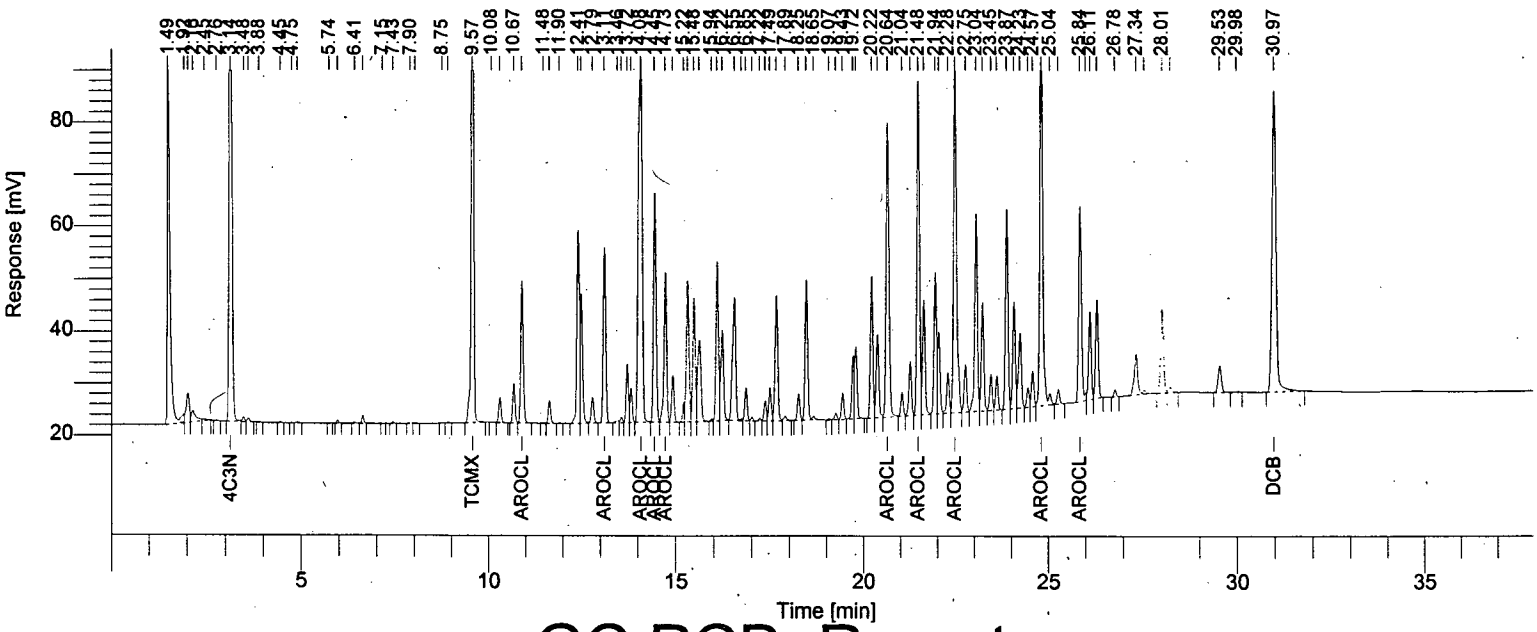

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
7	3.14	4C3N	536221	0.0905
24	9.57	TCMX	504326	0.0419
	14.08	AR1016	1147235	0.3804
	24.80	AR1260	1606516	0.3879
103	30.97	DCB	431861	0.0401

05/22/98 08:45:50 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
28	10.89	Aroclor 1016-1	128573	0.3687
35	13.11	Aroclor 1016-2	159290	0.3813
40	14.08	Aroclor 1016-3	510427	0.3812
41	14.45	Aroclor 1016-4	212587	0.3798
42	14.73	Aroclor 1016-5	136360	0.3893

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
70	20.64	Aroclor 1260-1	302993	0.3814
73	21.48	Aroclor 1260-2	315703	0.3799
78	22.47	Aroclor 1260-3	378907	0.3912
89	24.80	Aroclor 1260-4	411536	0.3938
92	25.84	Aroclor 1260-5	197377	0.3932

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:55 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1660H
Sample Number	: 010	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/10
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 23:57:13 PM	Cycle	: 10

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
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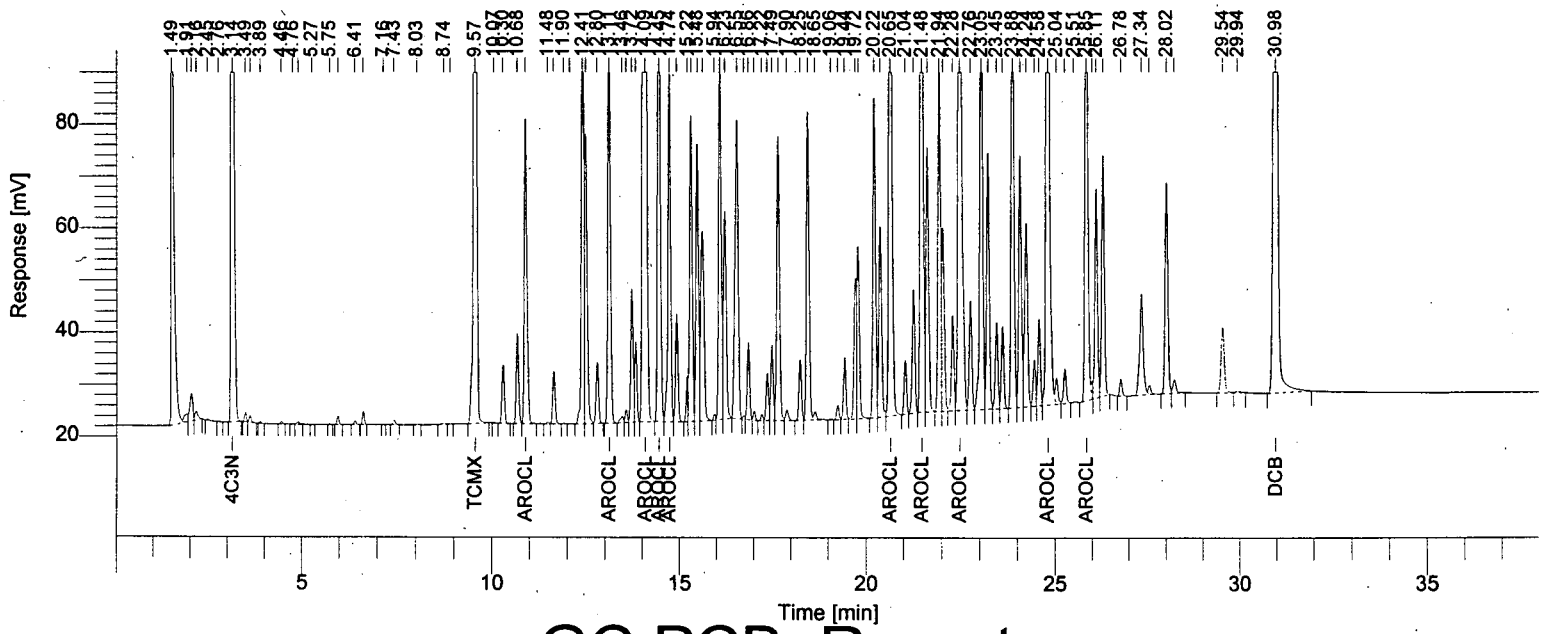

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
7	3.14	4C3N	1010741	0.1706
24	9.57	TCMX	1287668	0.1071
	14.09	AR1016	2633365	0.8733
	24.81	AR1260	3896564	0.9409
105	30.98	DCB	1090321	0.1013

05/22/98 08:45:55 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
28	10.90	Aroclor 1016-1	286257	0.8208
36	13.11	Aroclor 1016-2	369978	0.8856
41	14.09	Aroclor 1016-3	1162945	0.8685
42	14.45	Aroclor 1016-4	485450	0.8672
43	14.74	Aroclor 1016-5	328735	0.9386

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
71	20.65	Aroclor 1260-1	692063	0.8712
74	21.48	Aroclor 1260-2	730755	0.8792
79	22.48	Aroclor 1260-3	928522	0.9586
90	24.81	Aroclor 1260-4	1041893	0.9970
94	25.85	Aroclor 1260-5	503330	1.0028

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:59 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1660REF
Sample Number	: 011	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/11
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 00:39:41 AM	Cycle	: 11

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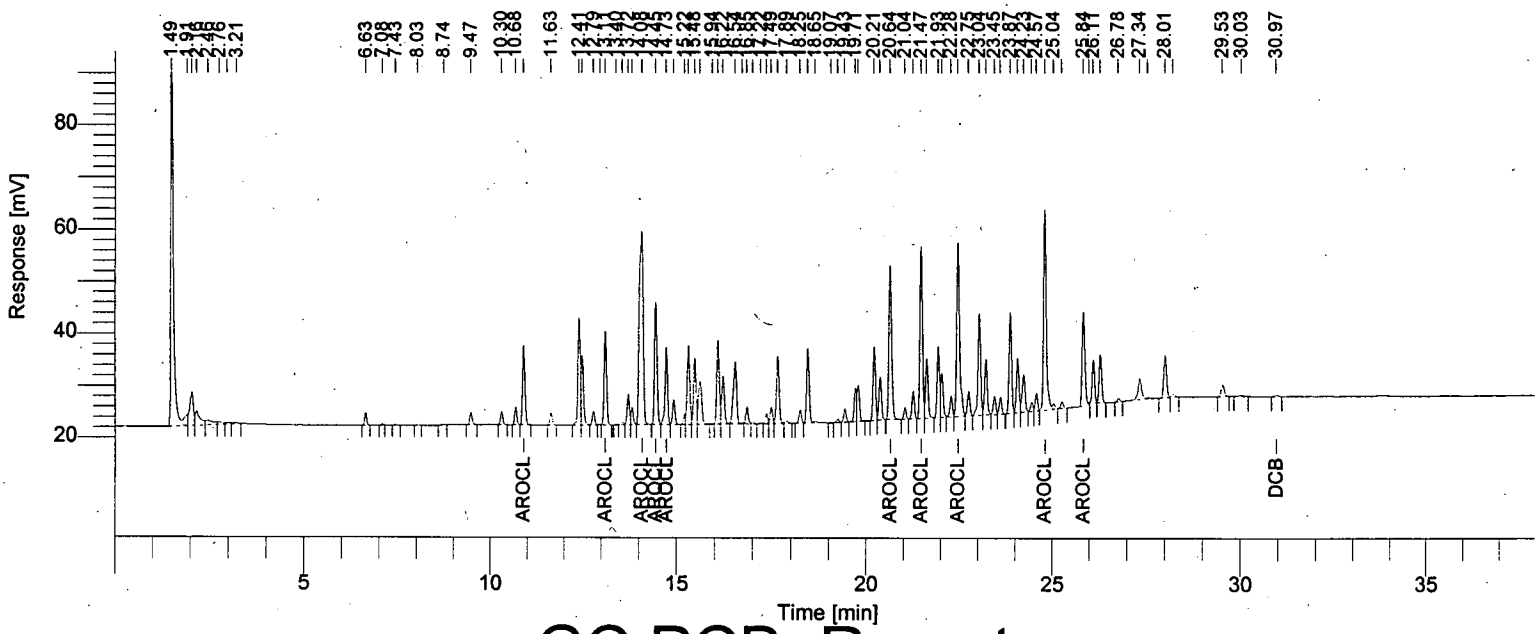
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	14.08	AR1016	597182	0.1980
	24.80	AR1260	789949	0.1908
91	30.97	DCB	1886	0.0002

05/22/98 08:45:59 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
17	10.89	Aroclor 1016-1	69687	0.1998
23	13.11	Aroclor 1016-2	83177	0.1991
28	14.08	Aroclor 1016-3	264465	0.1975
29	14.45	Aroclor 1016-4	110872	0.1981
30	14.73	Aroclor 1016-5	68982	0.1970

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
58	20.64	Aroclor 1260-1	153587	0.1933
61	21.47	Aroclor 1260-2	160168	0.1927
66	22.47	Aroclor 1260-3	185084	0.1911
77	24.80	Aroclor 1260-4	196462	0.1880
80	25.84	Aroclor 1260-5	94648	0.1886

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:04 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1242L
Sample Number	: 012	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/12
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 01:22:08 AM	Cycle	: 12

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Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_012.rst
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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
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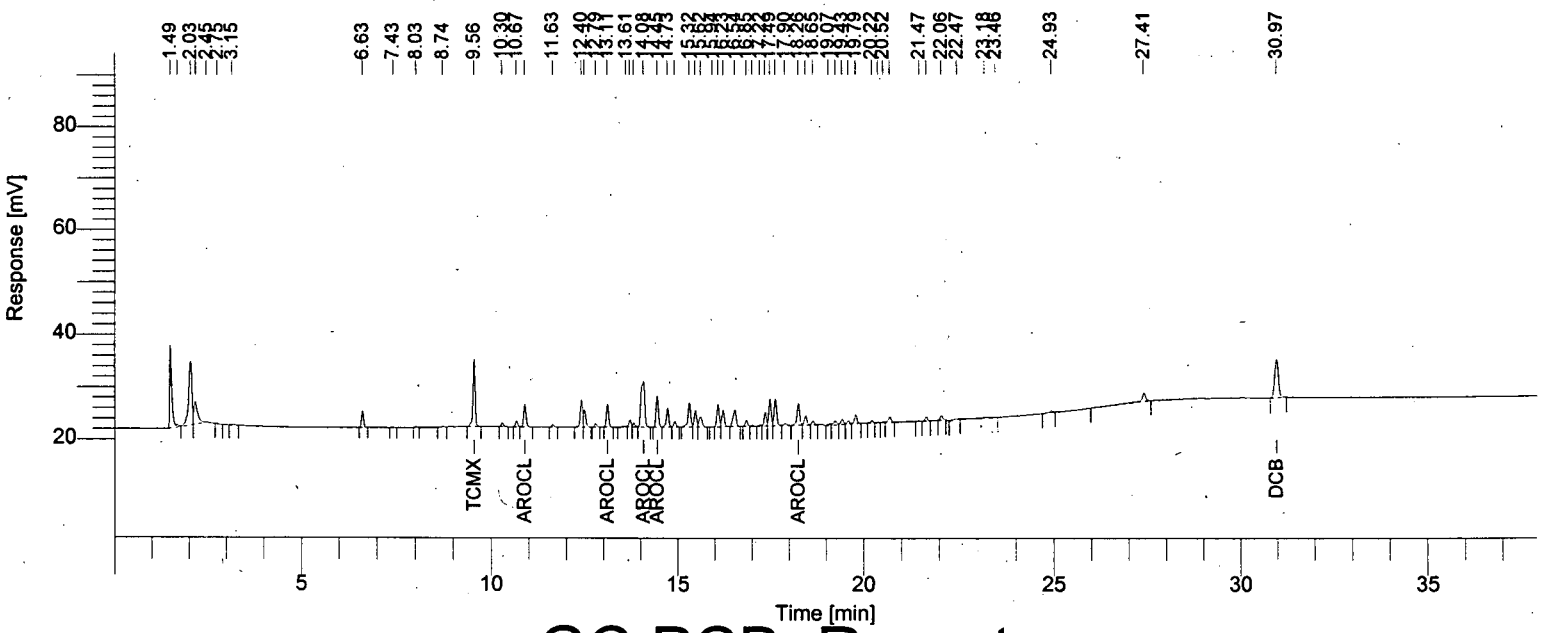

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
12	9.56	TCMX	51871	0.0046
	14.08	AR1242	148669	0.0543
62	30.97	DCB	52339	0.0050

05/22/98 08:46:04 AM Result:
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Group Report For : AR1242

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
15	10.89	Aroclor 1242-1	19306	0.0563
20	13.11	Aroclor 1242-2	19156	0.0530
24	14.08	Aroclor 1242-3	61951	0.0541
25	14.45	Aroclor 1242-4	26673	0.0550
42	18.26	Aroclor 1242-5	21583	0.0538

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:08 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1242ML
Sample Number	: 013	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/13
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 02:04:40 AM	Cycle	: 13

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
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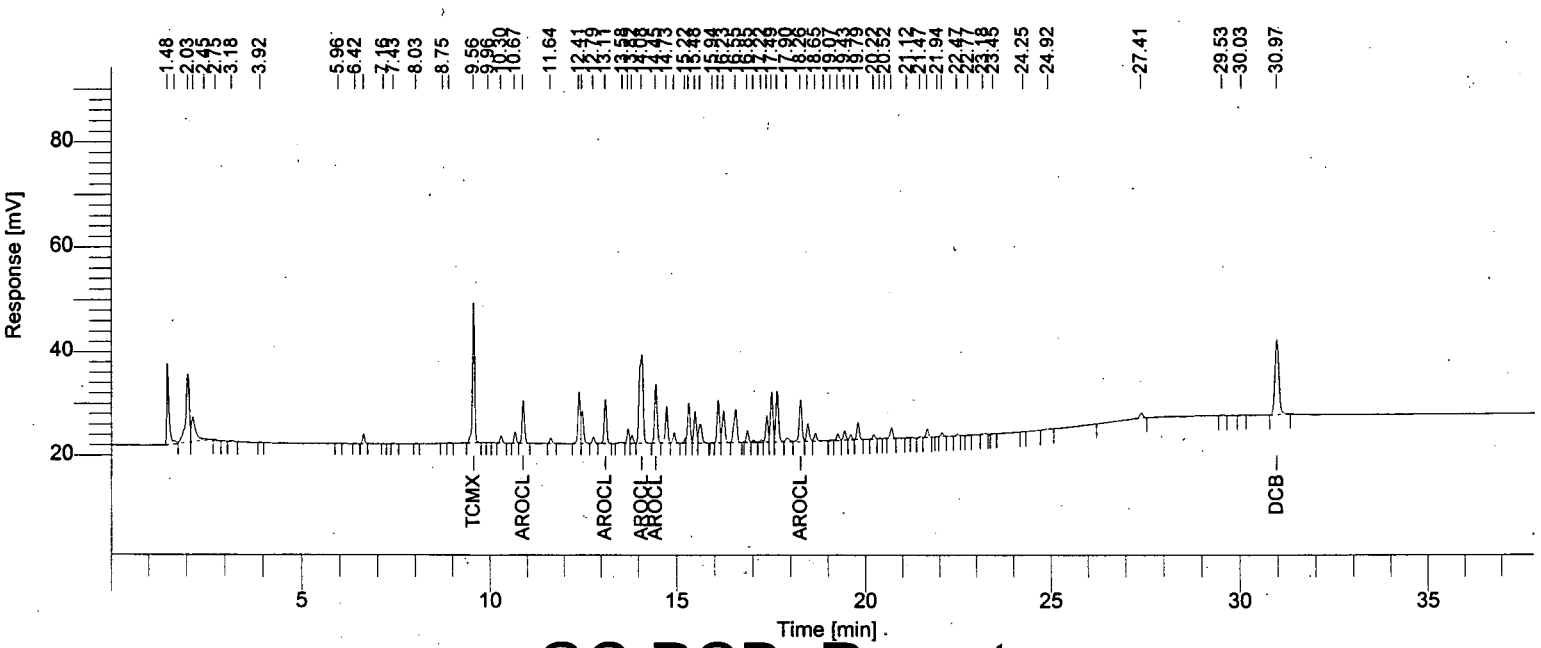

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
17	9.56	TCMX	109859	0.0097
	14.08	AR1242	290992	0.1064
76	30.97	DCB	105616	0.0102

05/22/98 08:46:08 AM Result:
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Group Report For : AR1242

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
21	10.89	Aroclor 1242-1	37541	0.1095
26	13.11	Aroclor 1242-2	38577	0.1068
30	14.08	Aroclor 1242-3	121932	0.1065
31	14.45	Aroclor 1242-4	51932	0.1071
49	18.26	Aroclor 1242-5	41010	0.1022

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:14 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1242M
Sample Number	: 014	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/14
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 02:47:16 AM	Cycle	: 14

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
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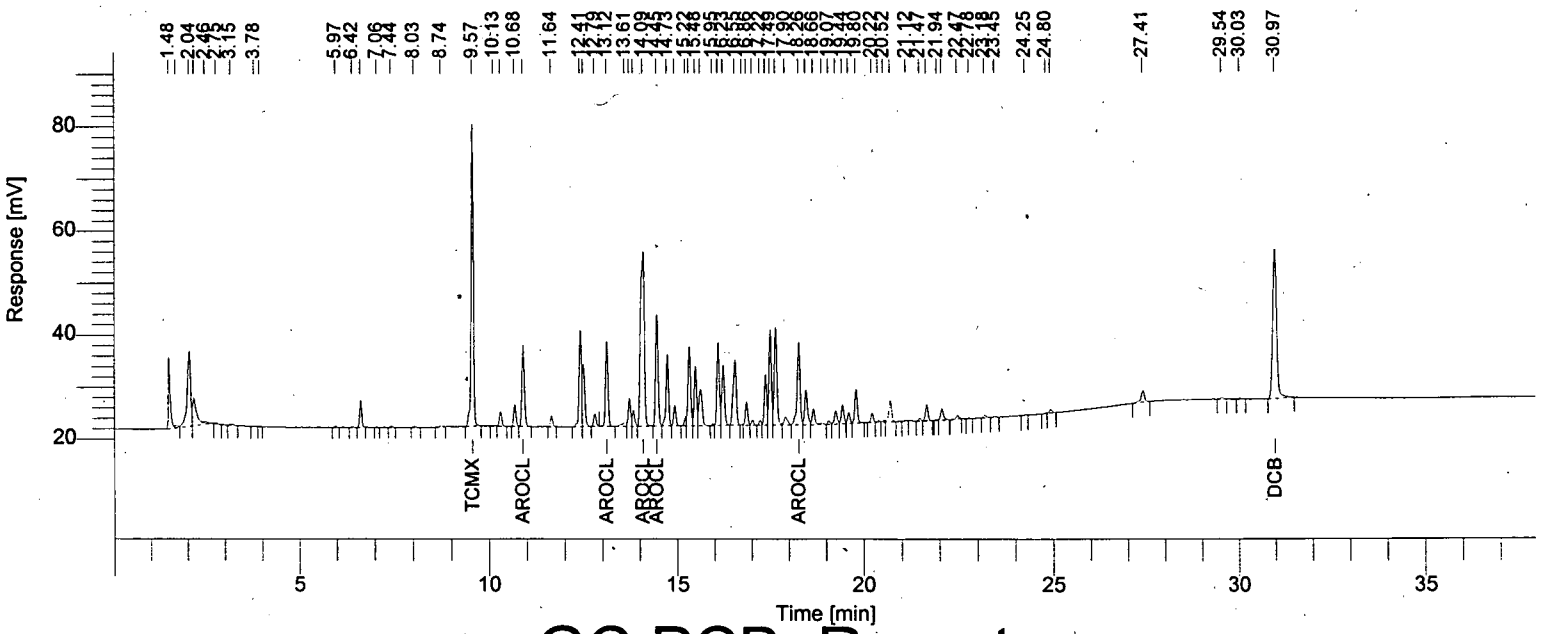

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
17	9.57	TCMX	241957	0.0213
	14.09	AR1242	578087	0.2113
78	30.97	DCB	213118	0.0205

05/22/98 08:46:14 AM Result:
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Group Report For : AR1242

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
21	10.90	Aroclor 1242-1	72236	0.2107
26	13.12	Aroclor 1242-2	76022	0.2104
30	14.09	Aroclor 1242-3	239731	0.2093
31	14.45	Aroclor 1242-4	101265	0.2088
50	18.26	Aroclor 1242-5	88833	0.2215

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:19 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1242MH
Sample Number	: 015	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/15
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 03:29:53 AM	Cycle	: 15

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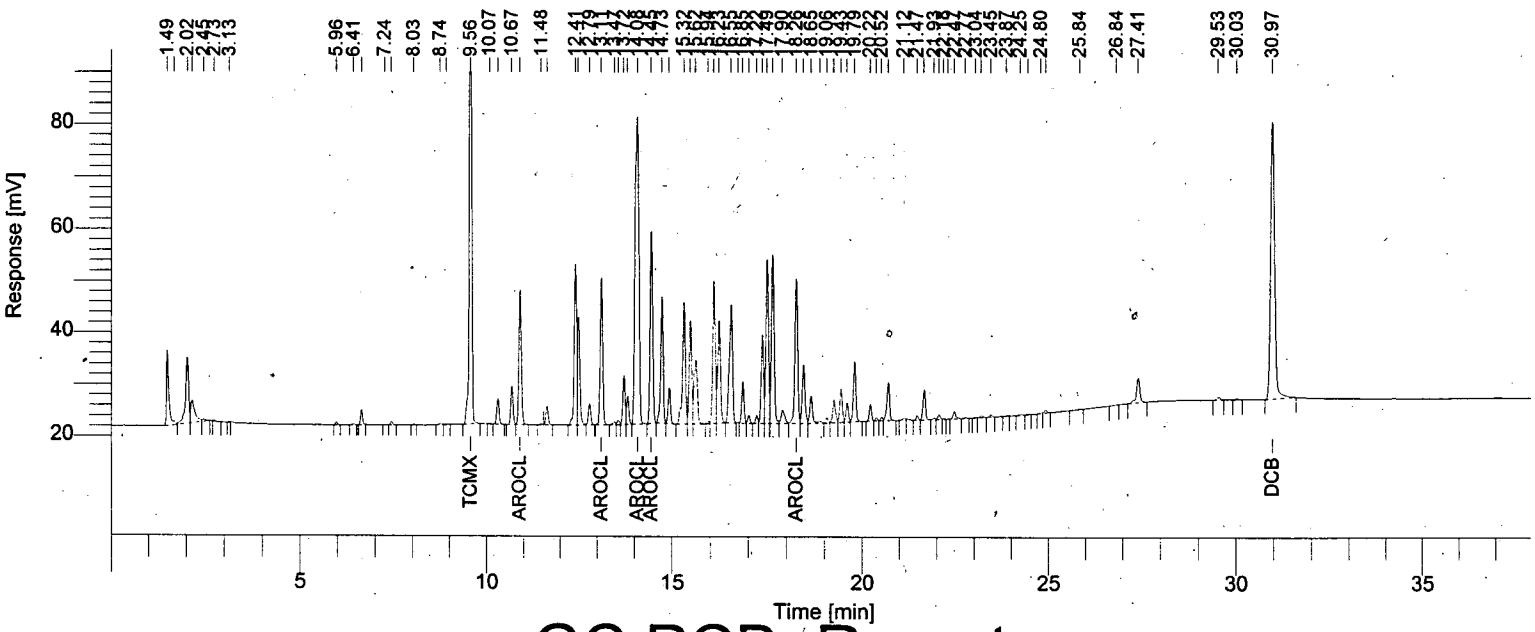
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
16	9.56	TCMX	452383	0.0398
	14.08	AR1242	1001598	0.3662
85	30.97	DCB	400096	0.0385

05/22/98 08:46:19 AM Result:
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Group Report For : AR1242

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
20	10.89	Aroclor 1242-1	122765	0.3581
26	13.11	Aroclor 1242-2	133386	0.3692
31	14.08	Aroclor 1242-3	423978	0.3702
32	14.45	Aroclor 1242-4	176349	0.3637
50	18.26	Aroclor 1242-5	145120	0.3618

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:24 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1242H
Sample Number	: 016	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/16
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 04:12:28 AM	Cycle	: 16

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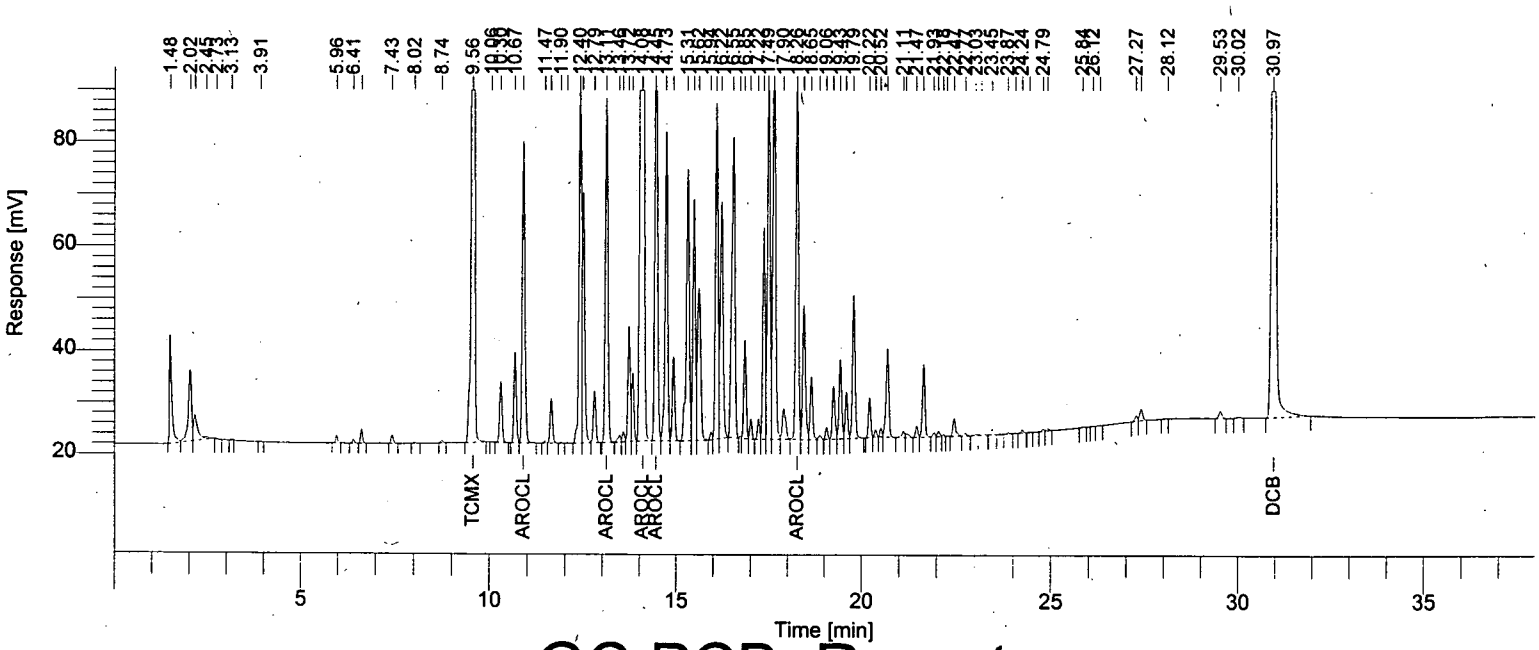

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
14	9.56	TCMX	1201762	0.1058
	14.08	AR1242	2399453	0.8772
90	30.97	DCB	1022432	0.0985

Group Report For : AR1242

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
18	10.89	Aroclor 1242-1	284475	0.8298
26	13.11	Aroclor 1242-2	323730	0.8962
31	14.08	Aroclor 1242-3	1009811	0.8817
32	14.45	Aroclor 1242-4	424622	0.8757
50	18.26	Aroclor 1242-5	356815	0.8896

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:28 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1242REF
Sample Number	: 017	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/17
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 04:55:08 AM	Cycle	: 17

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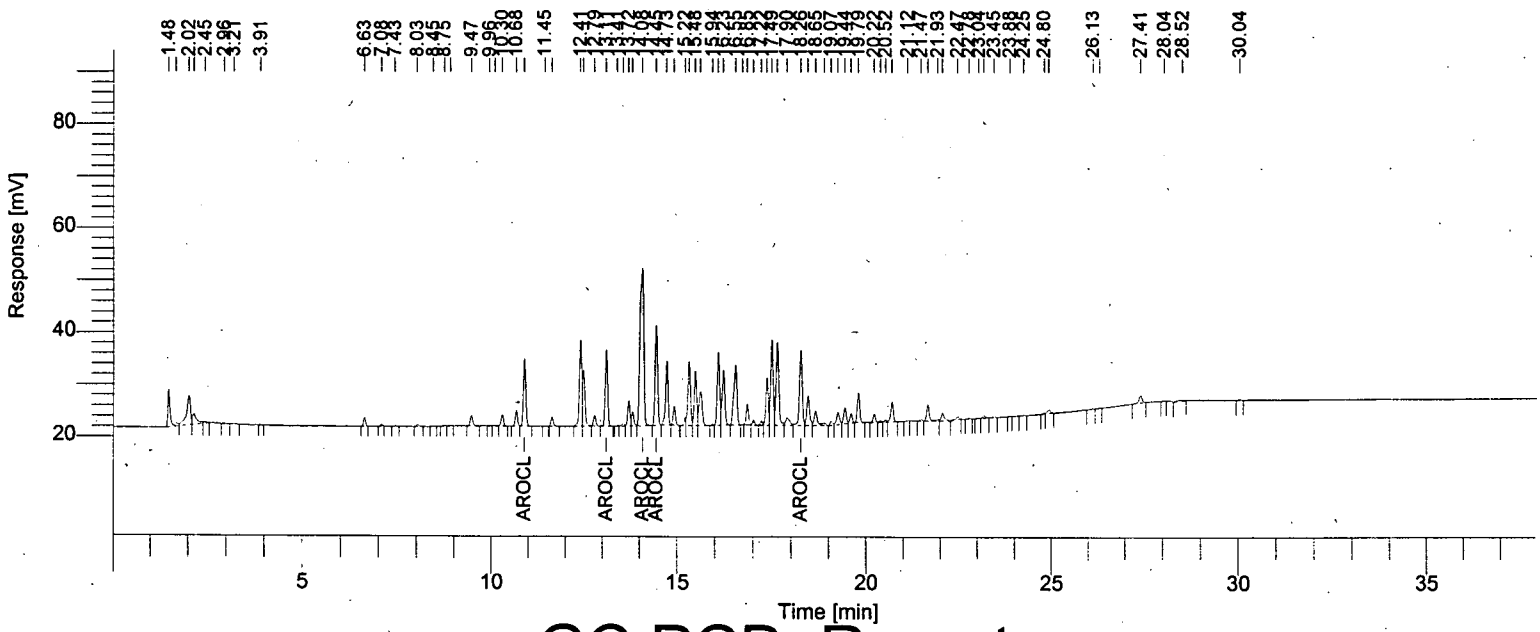

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	14.08	AR1242	503413	0.1840

Group Report For : AR1242

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
21	10.89	Aroclor 1242-1	58821	0.1716
27	13.11	Aroclor 1242-2	66368	0.1837
32	14.08	Aroclor 1242-3	213811	0.1867
33	14.45	Aroclor 1242-4	89445	0.1845
52	18.26	Aroclor 1242-5	74968	0.1869

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:33 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1254L
Sample Number	: 018	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/18
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.95 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 05:37:44 AM	Cycle	: 18

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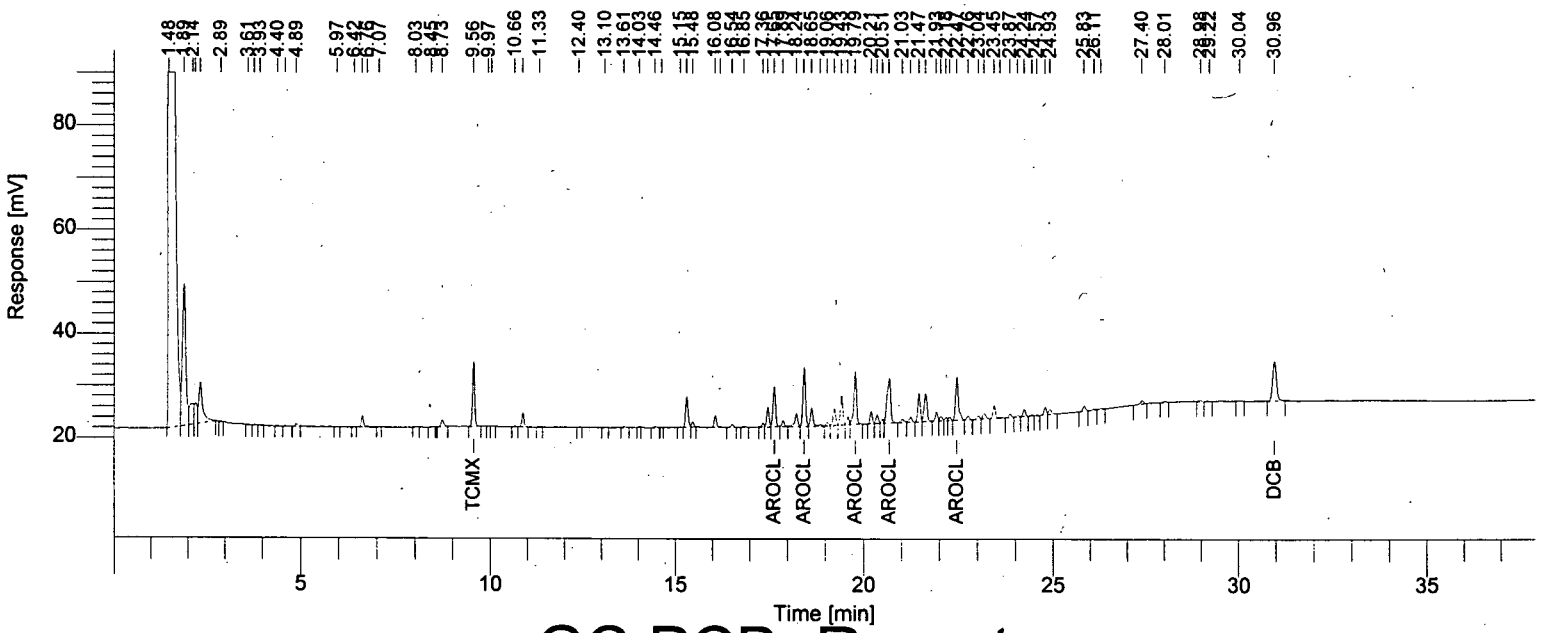

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
21	9.56	TCMX	47667	0.0045
	18.45	AR1254	243699	0.0574
86	30.96	DCB	54203	0.0050

05/22/98 08:46:33 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
42	17.65	Aroclor 1254-1	36951	0.0592
45	18.45	Aroclor 1254-2	54604	0.0603
52	19.79	Aroclor 1254-3	50370	0.0550
56	20.69	Aroclor 1254-4	57288	0.0577
65	22.47	Aroclor 1254-5	44486	0.0553

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:38 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1254ML
Sample Number	: 019	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/19
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 06:20:16 AM	Cycle	: 19

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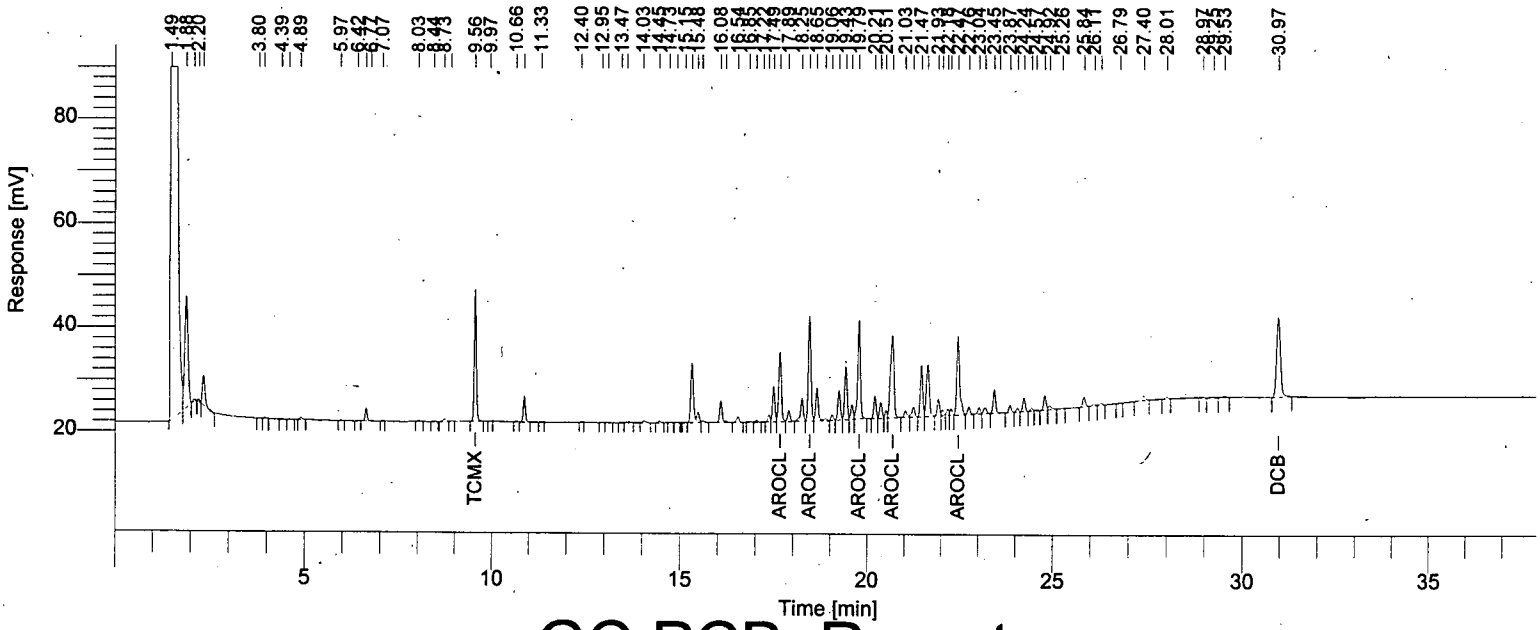

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
20	9.56	TCMX	99182	0.0094
	18.45	AR1254	452979	0.1068
92	30.97	DCB	111700	0.0103

05/22/98 08:46:38 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
46	17.66	Aroclor 1254-1	66599	0.1067
49	18.45	Aroclor 1254-2	99185	0.1095
56	19.79	Aroclor 1254-3	95101	0.1038
60	20.69	Aroclor 1254-4	107362	0.1082
69	22.47	Aroclor 1254-5	84732	0.1054

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:42 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1254M
Sample Number	: 020	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/20
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 07:02:52 AM	Cycle	: 20

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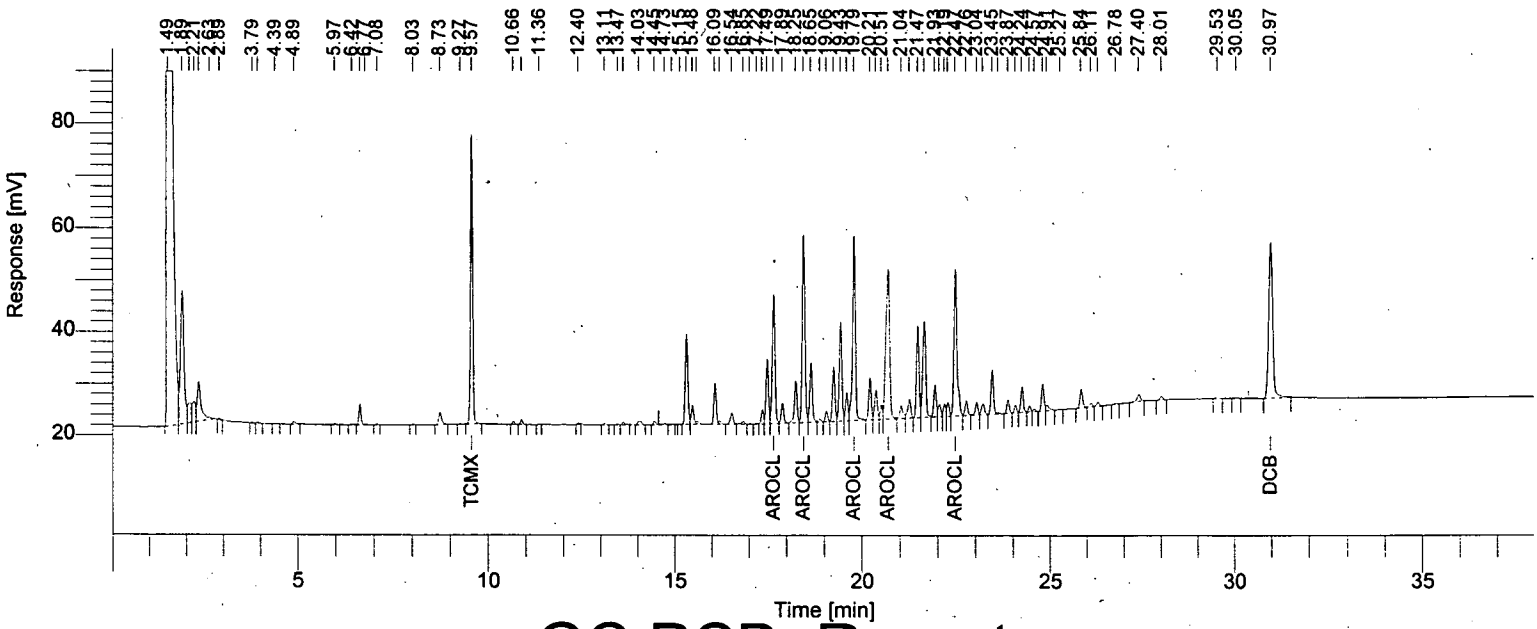

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
20	9.57	TCMX	221906	0.0211
	18.45	AR1254	852858	0.2010
89	30.97	DCB	225057	0.0208

05/22/98 08:46:42 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
44	17.66	Aroclor 1254-1	126122	0.2020
47	18.45	Aroclor 1254-2	181453	0.2003
54	19.79	Aroclor 1254-3	184984	0.2018
58	20.69	Aroclor 1254-4	199955	0.2015
67	22.47	Aroclor 1254-5	160344	0.1995

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:47 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1254MH
Sample Number	: 021	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/21
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 07:45:28 AM	Cycle	: 21

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
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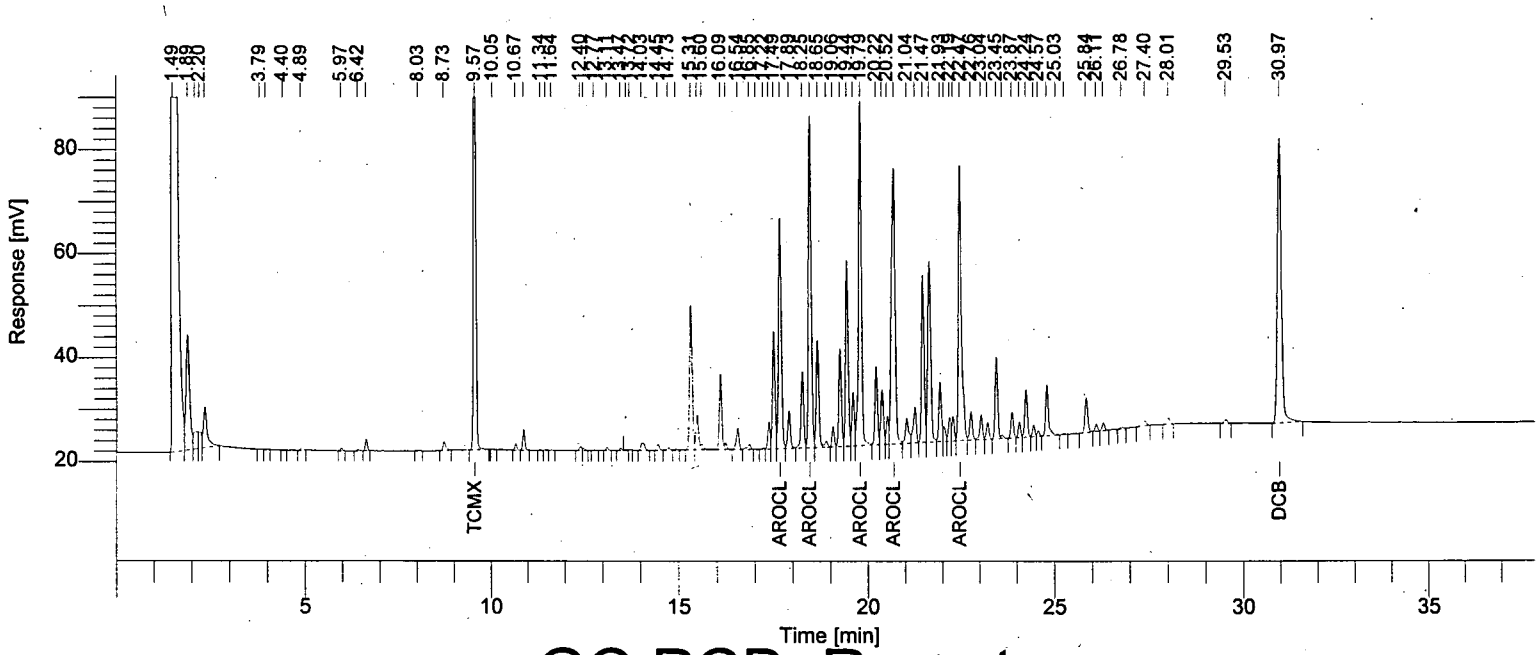

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
15	9.57	TCMX	433890	0.0413
	19.79	AR1254	1583088	0.3731
88	30.97	DCB	412611	0.0382

05/22/98 08:46:47 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
44	17.66	Aroclor 1254-1	229773	0.3680
47	18.46	Aroclor 1254-2	326187	0.3601
54	19.79	Aroclor 1254-3	351870	0.3839
58	20.69	Aroclor 1254-4	370762	0.3736
67	22.47	Aroclor 1254-5	304496	0.3788

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:52 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1254H
Sample Number	: 022	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/22
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.95 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 08:27:56 AM	Cycle	: 22

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Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_022.rst
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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
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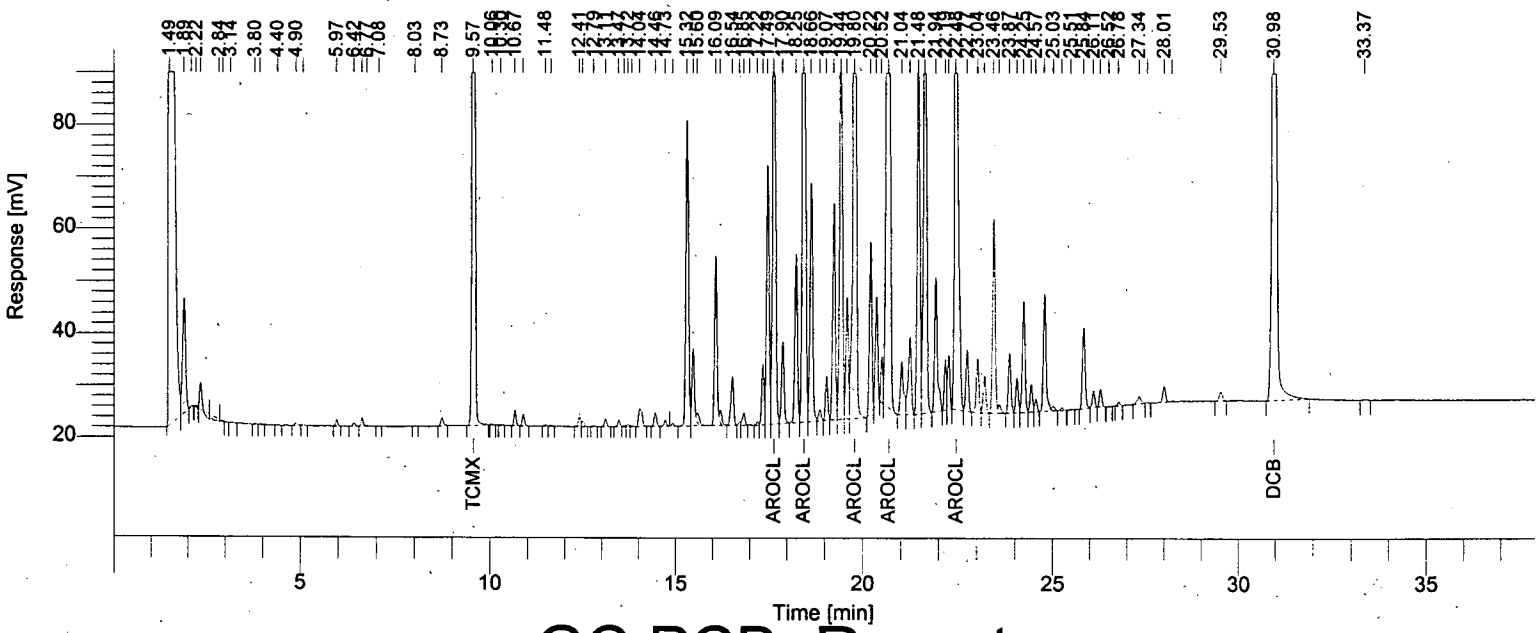

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
21	9.57	TCMX	1117692	0.1063
	19.80	AR1254	3589942	0.8461
99	30.98	DCB	1042553	0.0965

05/22/98 08:46:52 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
52	17.66	Aroclor 1254-1	512238	0.8203
55	18.46	Aroclor 1254-2	722873	0.7980
62	19.80	Aroclor 1254-3	819758	0.8944
66	20.70	Aroclor 1254-4	815810	0.8221
74	22.48	Aroclor 1254-5	719263	0.8948

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:57 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1254REF
Sample Number	: 023	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/23
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 09:10:24 AM	Cycle	: 23

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
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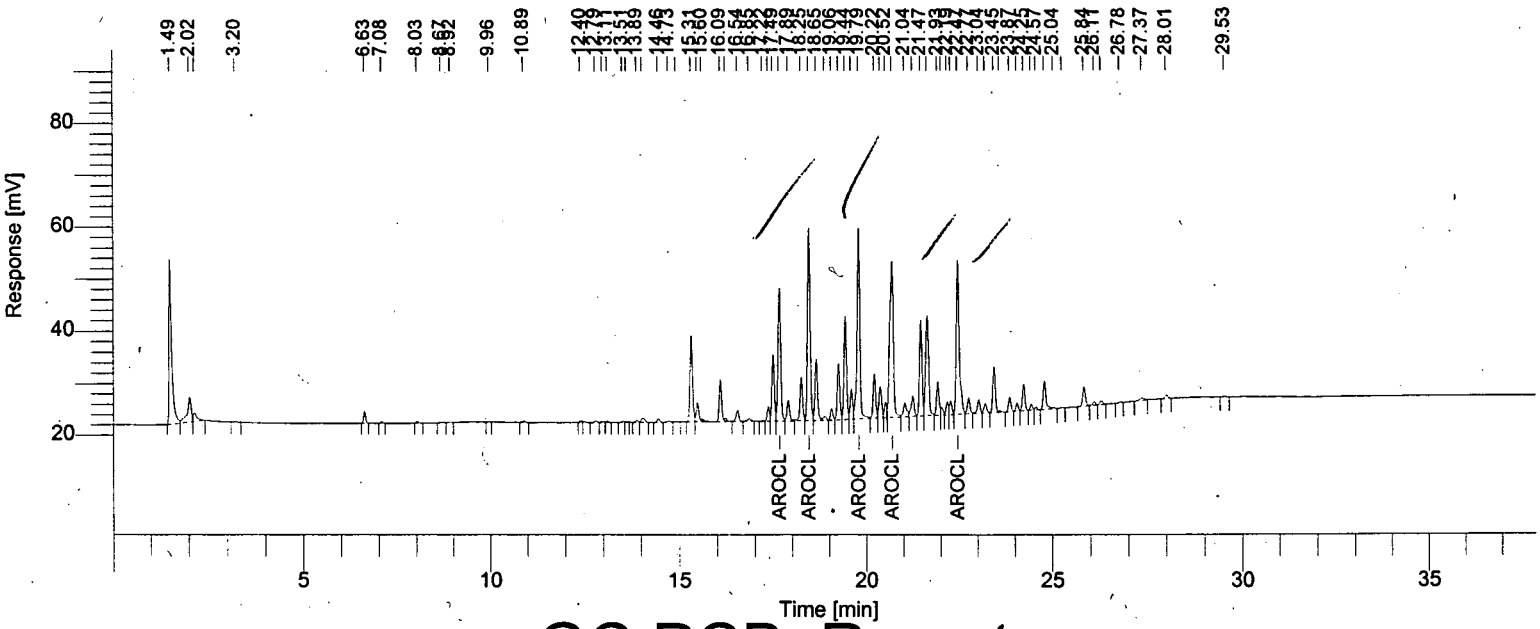

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	18.46	AR1254	886061	0.2088

Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
33	17.66	Aroclor 1254-1	129671	0.2077
36	18.46	Aroclor 1254-2	185047	0.2043
43	19.79	Aroclor 1254-3	194498	0.2122
47	20.70	Aroclor 1254-4	208961	0.2106
56	22.47	Aroclor 1254-5	167884	0.2088

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:08 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 001	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/1
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.97 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 17:34:18 PM	Cycle	: 1

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_001.raw
Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_001.rst
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_001.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
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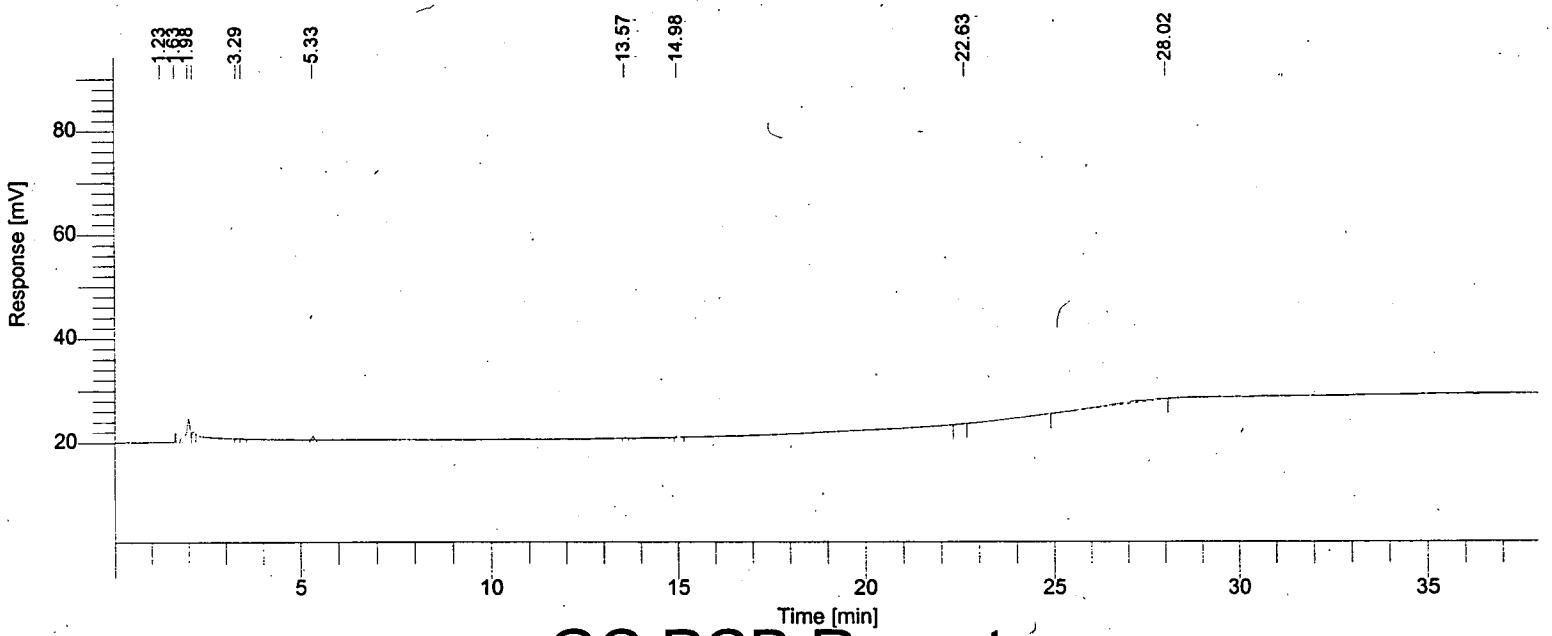


GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

No peaks available to report

Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	10.66	Aroclor 1016-1	0	0.0000
0	12.23	Aroclor 1016-2	0	0.0000
0	13.71	Aroclor 1016-3	0	0.0000
0	14.24	Aroclor 1016-4	0	0.0000
0	14.69	Aroclor 1016-5	0	0.0000

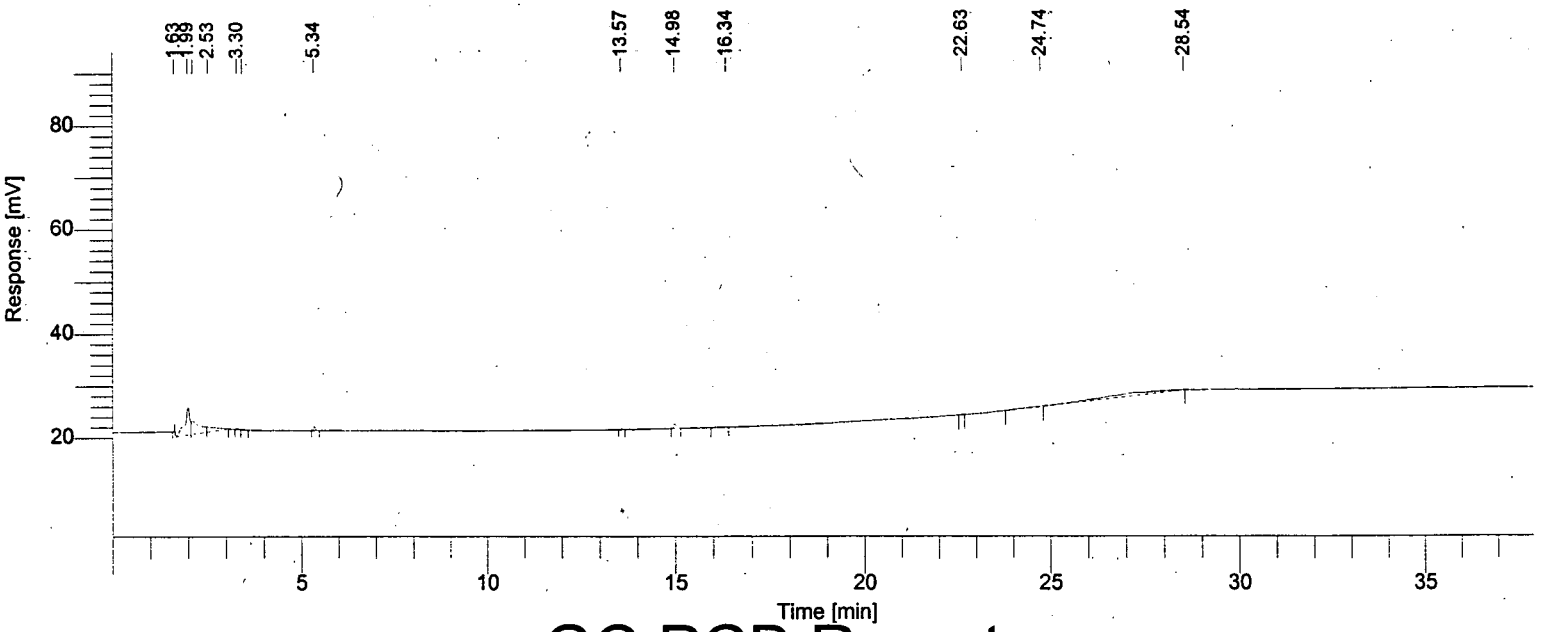
05/22/98 08:45:08 AM Result:
\\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_001.rst

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	20.33	Aroclor 1260-1	0	0.0000
0	20.80	Aroclor 1260-2	0	0.0000
0	22.23	Aroclor 1260-3	0	0.0000
0	23.62	Aroclor 1260-4	0	0.0000
0	24.24	Aroclor 1260-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:13 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 002	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/2
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 18:16:49 PM	Cycle	: 2

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_002.raw
Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_002.rst
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_002.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

No peaks available to report

Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	10.66	Aroclor 1016-1	0	0.0000
0	12.23	Aroclor 1016-2	0	0.0000
0	13.71	Aroclor 1016-3	0	0.0000
0	14.24	Aroclor 1016-4	0	0.0000
0	14.69	Aroclor 1016-5	0	0.0000

05/22/98 08:45:13 AM Result:
\\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_002.rst

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	20.33	Aroclor 1260-1	0	0.0000
0	20.80	Aroclor 1260-2	0	0.0000
0	22.23	Aroclor 1260-3	0	0.0000
0	23.62	Aroclor 1260-4	0	0.0000
0	24.24	Aroclor 1260-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:18 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1221M
Sample Number	: 003	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/3
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 18:59:16 PM	Cycle	: 3

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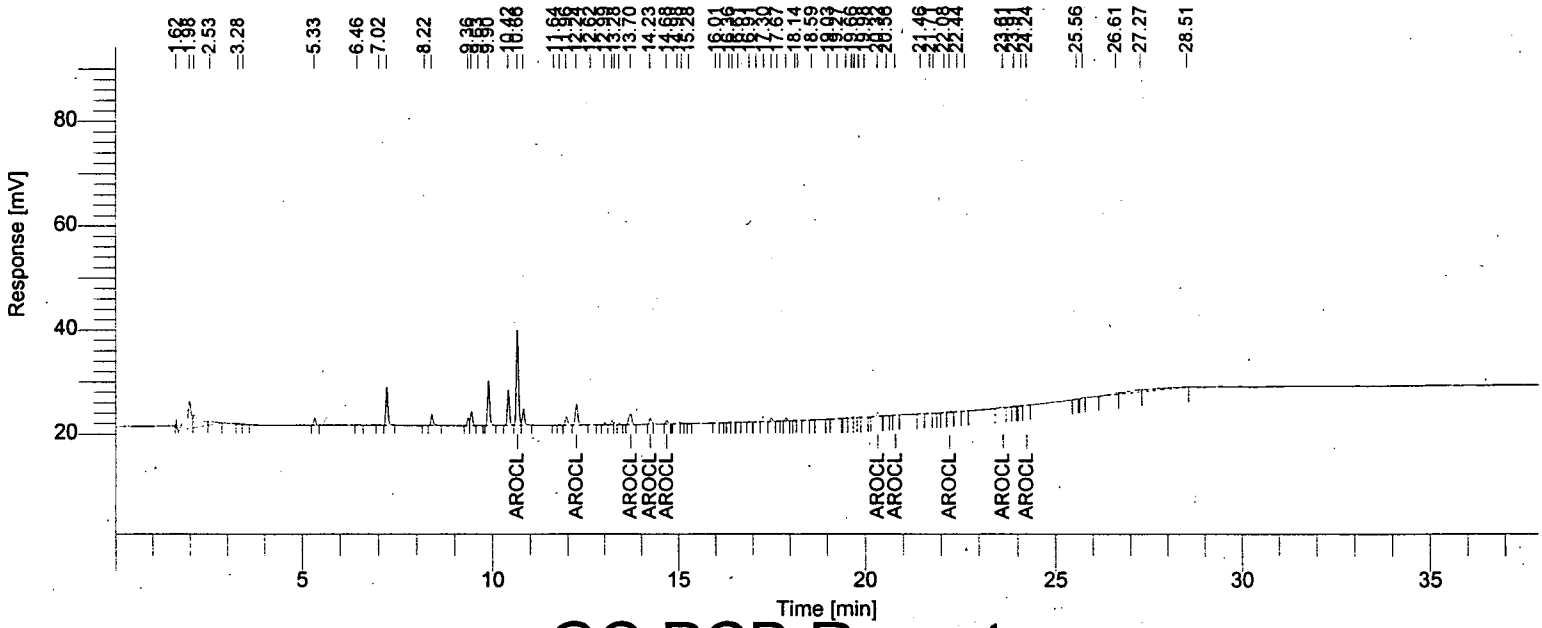
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	10.66	AR1016	113288	0.0368
	20.32	AR1260	10291	0.0023

05/22/98 08:45:18 AM Result:
\\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_003.rst

Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
18	10.66	Aroclor 1016-1	74067	0.2400
23	12.24	Aroclor 1016-2	20336	0.0297
29	13.70	Aroclor 1016-3	12111	0.0097
30	14.23	Aroclor 1016-4	3754	0.0075
31	14.68	Aroclor 1016-5	3020	0.0089

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
56	20.32	Aroclor 1260-1	3755	0.0043
58	20.79	Aroclor 1260-2	2194	0.0023
63	22.22	Aroclor 1260-3	1596	0.0021
66	23.61	Aroclor 1260-4	1623	0.0025
69	24.24	Aroclor 1260-5	1123	0.0010

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:24 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1232M
Sample Number	: 004	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/4
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 19:41:45 PM	Cycle	: 4

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
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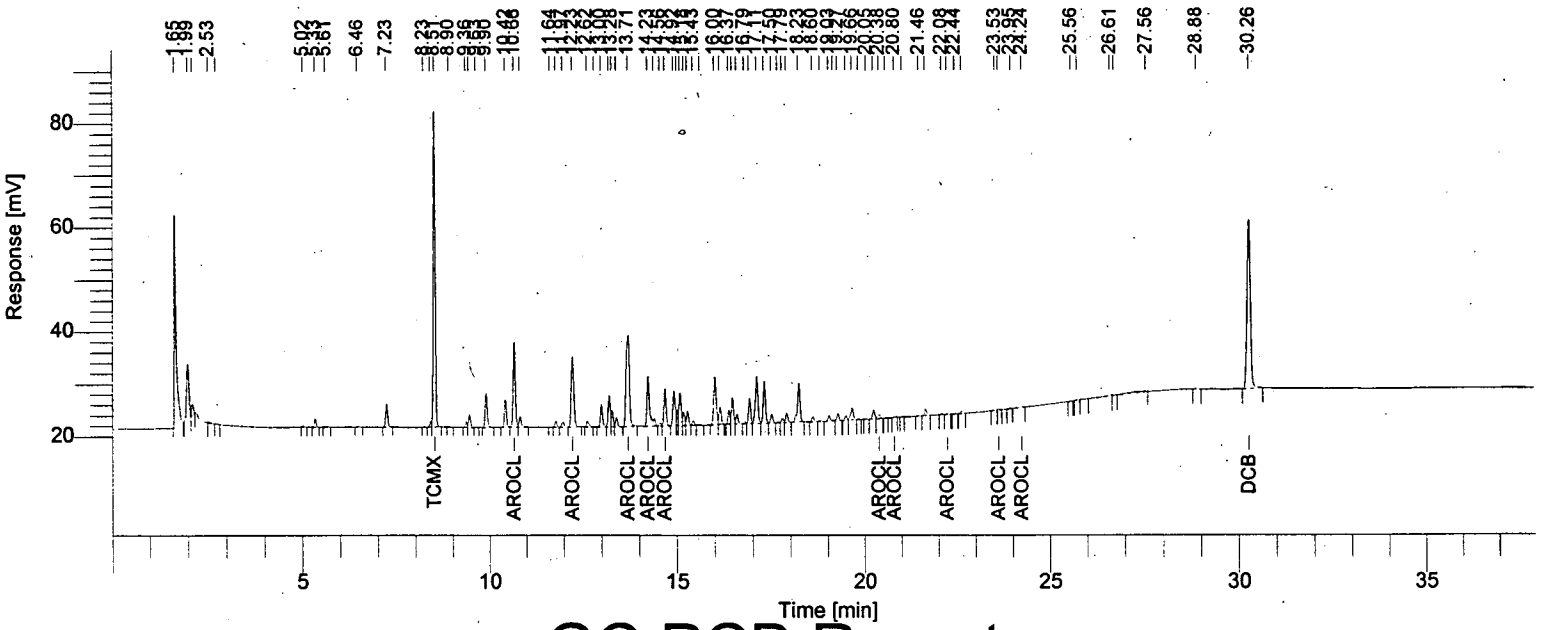

GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
13	8.51	TCMX	215411	0.0186
	13.71	AR1016	311890	0.1013
	20.38	AR1260	8511	0.0019
88	30.26	DCB	200375	0.0179

05/22/98 08:45:24 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
20	10.66	Aroclor 1016-1	65210	0.2113
25	12.23	Aroclor 1016-2	65522	0.0956
32	13.71	Aroclor 1016-3	108545	0.0870
33	14.23	Aroclor 1016-4	43846	0.0880
36	14.68	Aroclor 1016-5	28767	0.0851

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
68	20.38	Aroclor 1260-1	4150	0.0048
70	20.80	Aroclor 1260-2	948	0.0010
75	22.22	Aroclor 1260-3	1391	0.0018
79	23.62	Aroclor 1260-4	844	0.0013
81	24.24	Aroclor 1260-5	1179	0.0010

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:30 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1248M
Sample Number	: 005	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/5
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 20:24:20 PM	Cycle	: 5

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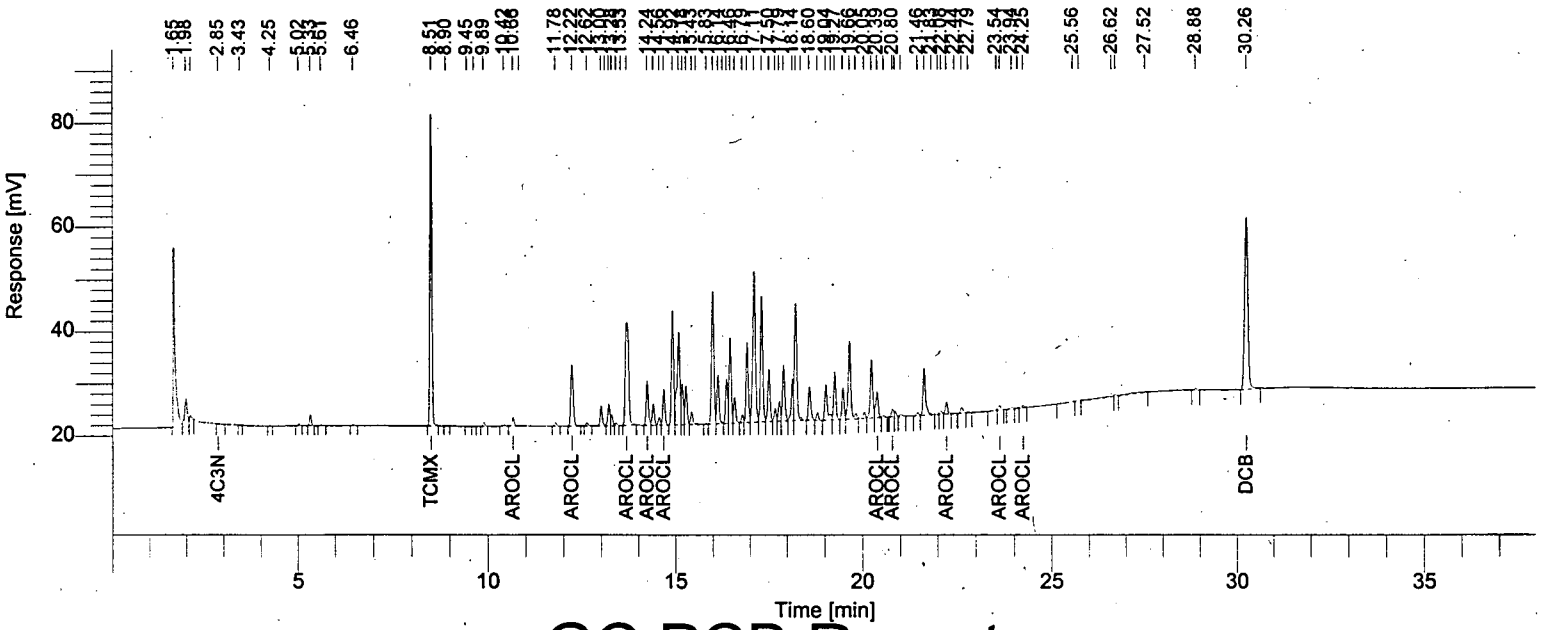
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
4	2.85	4C3N	394	0.0001
11	8.51	TCMX	213217	0.0184
	13.68	AR1016	250205	0.0813
	20.39	AR1260	46247	0.0106
92	30.26	DCB	205804	0.0183

05/22/98 08:45:30 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
17	10.66	Aroclor 1016-1	6354	0.0206
20	12.22	Aroclor 1016-2	53928	0.0787
28	13.68	Aroclor 1016-3	126895	0.1017
29	14.24	Aroclor 1016-4	35912	0.0720
32	14.68	Aroclor 1016-5	27115	0.0802

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
67	20.39	Aroclor 1260-1	24419	0.0282
69	20.80	Aroclor 1260-2	6229	0.0065
77	22.22	Aroclor 1260-3	10014	0.0132
82	23.63	Aroclor 1260-4	3757	0.0059
85	24.25	Aroclor 1260-5	1827	0.0016

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:36 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1660L
Sample Number	: 006	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/6
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 21:06:53 PM	Cycle	: 6

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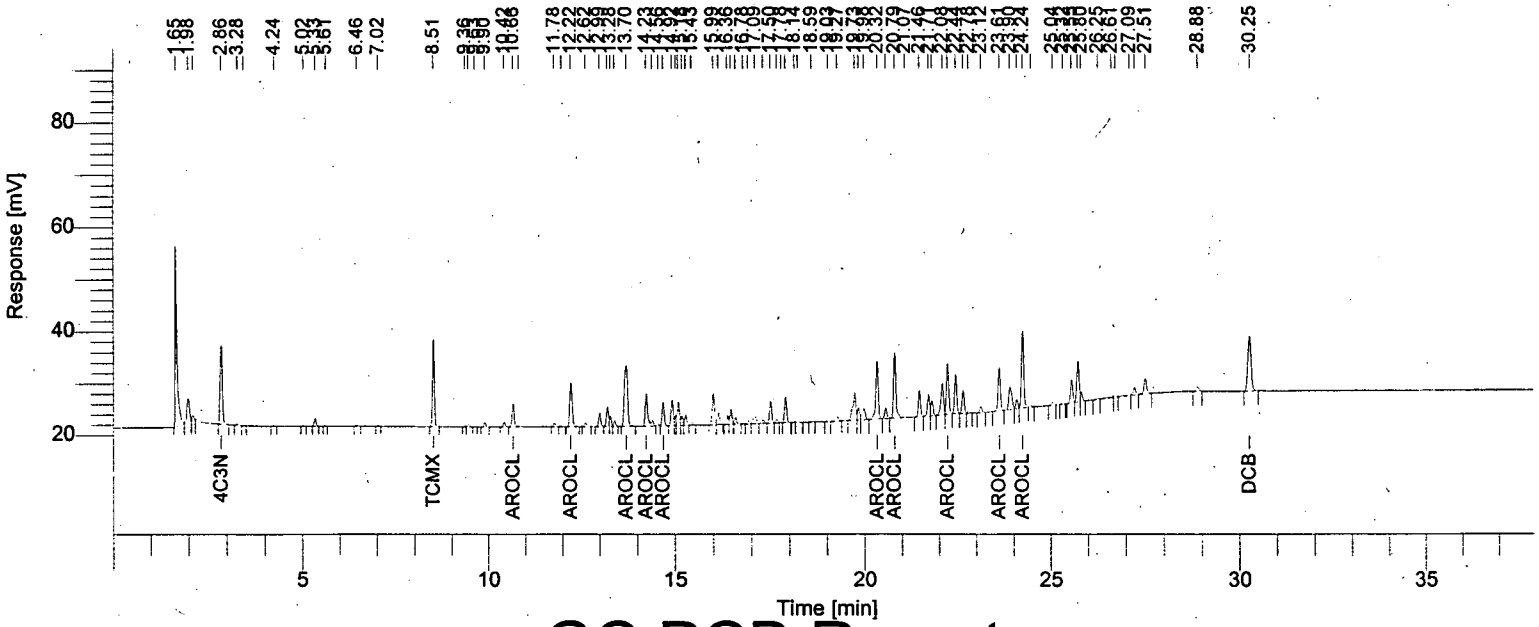
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
4	2.86	4C3N	62832	0.0120
13	8.51	TCMX	58383	0.0050
	13.70	AR1016	177697	0.0577
	24.24	AR1260	252812	0.0577
91	30.25	DCB	63709	0.0057

05/22/98 08:45:36 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
19	10.66	Aroclor 1016-1	17667	0.0572
23	12.22	Aroclor 1016-2	40673	0.0593
29	13.70	Aroclor 1016-3	72736	0.0583
30	14.23	Aroclor 1016-4	28459	0.0571
33	14.68	Aroclor 1016-5	18162	0.0537

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
61	20.32	Aroclor 1260-1	51796	0.0598
63	20.79	Aroclor 1260-2	57096	0.0600
69	22.22	Aroclor 1260-3	42453	0.0562
74	23.61	Aroclor 1260-4	36651	0.0574
77	24.24	Aroclor 1260-5	64816	0.0553

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:42 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1660ML
Sample Number	: 007	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/7
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.95 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 21:49:28 PM	Cycle	: 7

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Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_007.rst
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_007.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
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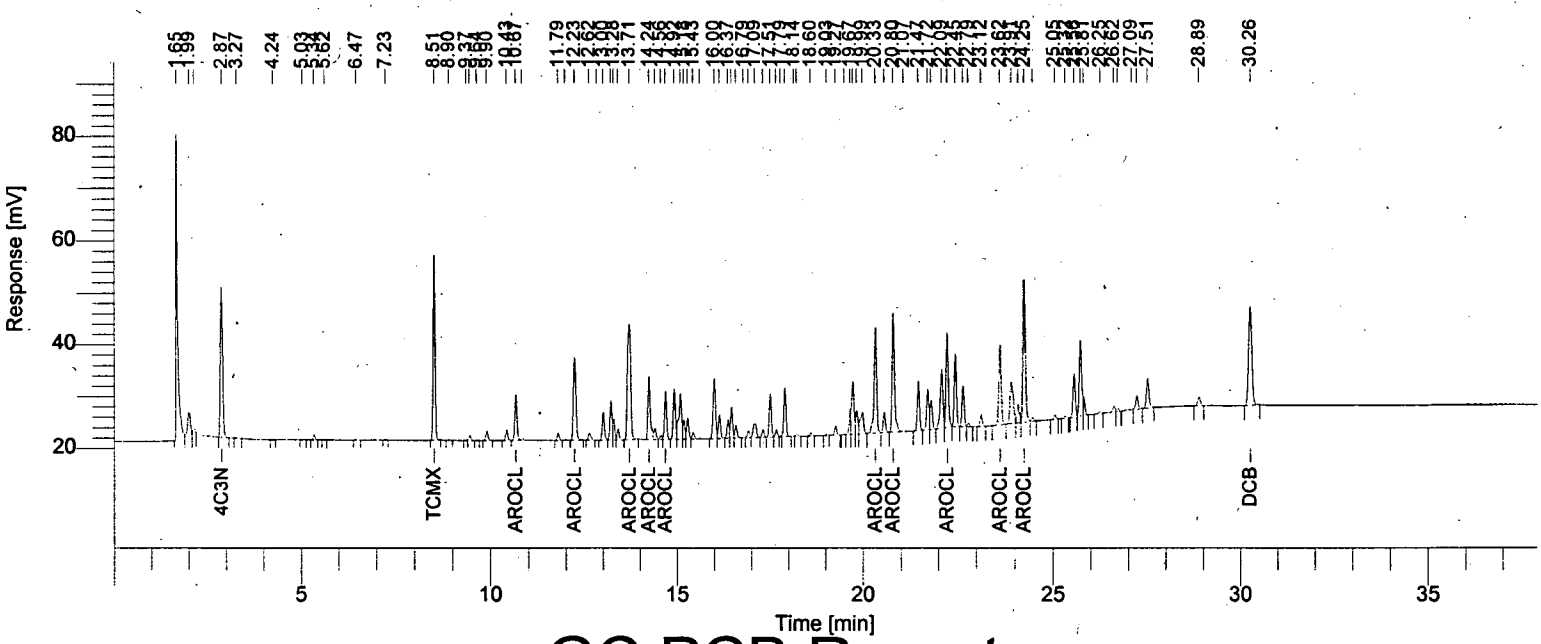

GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
4	2.87	4C3N	123841	0.0237
12	8.51	TCMX	125484	0.0108
	13.71	AR1016	345168	0.1121
	24.25	AR1260	470709	0.1074
94	30.26	DCB	117329	0.0105

05/22/98 08:45:42 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
19	10.67	Aroclor 1016-1	35047	0.1136
23	12.23	Aroclor 1016-2	78095	0.1139
30	13.71	Aroclor 1016-3	139876	0.1121
31	14.24	Aroclor 1016-4	55141	0.1106
34	14.69	Aroclor 1016-5	37009	0.1095

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
64	20.33	Aroclor 1260-1	96030	0.1110
66	20.80	Aroclor 1260-2	104868	0.1102
72	22.23	Aroclor 1260-3	80025	0.1059
77	23.62	Aroclor 1260-4	67842	0.1062
80	24.25	Aroclor 1260-5	121945	0.1041

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:48 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1660M
Sample Number	: 008	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/8
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 22:31:59 PM	Cycle	: 8

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
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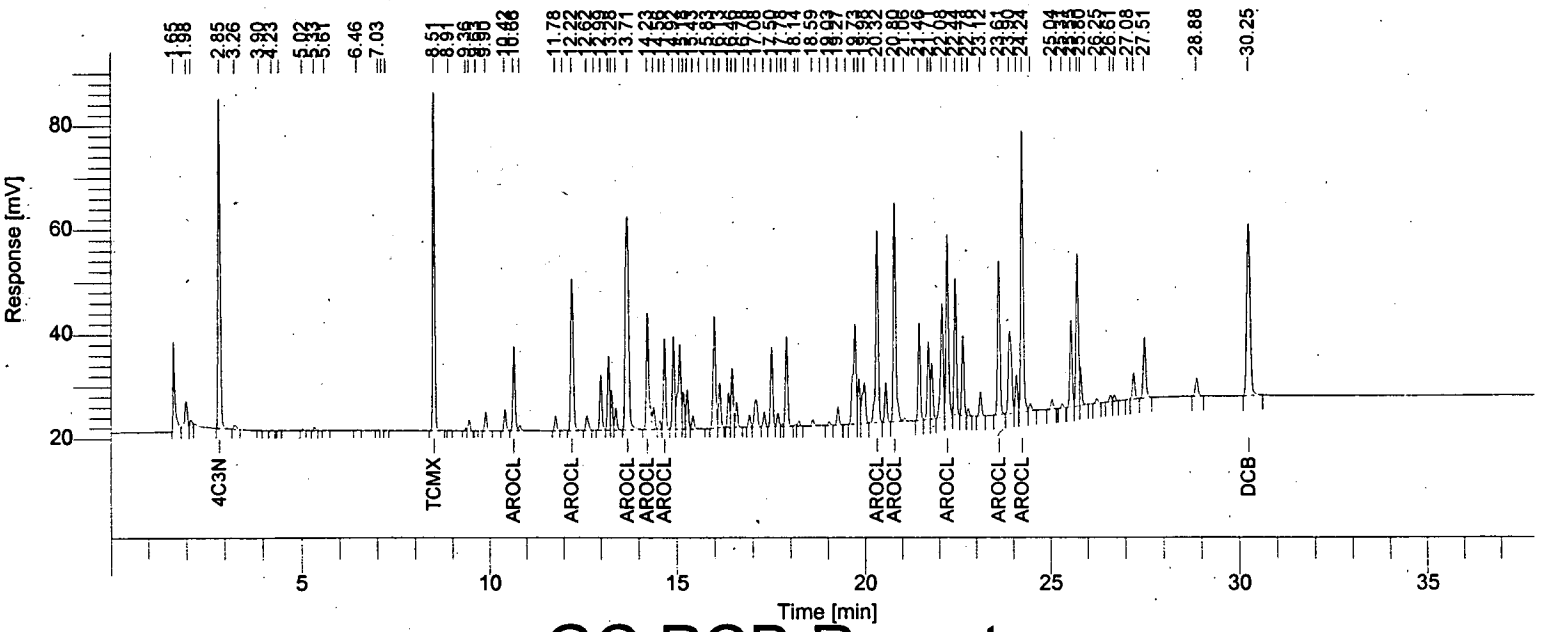

GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
4	2.85	4C3N	256463	0.0490
16	8.51	TCMX	231019	0.0199
	13.71	AR1016	650329	0.2112
	24.24	AR1260	903814	0.2062
99	30.25	DCB	205231	0.0183

05/22/98 08:45:48 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
23	10.66	Aroclor 1016-1	65595	0.2125
27	12.22	Aroclor 1016-2	145532	0.2123
34	13.71	Aroclor 1016-3	263690	0.2113
35	14.23	Aroclor 1016-4	103986	0.2086
38	14.68	Aroclor 1016-5	71526	0.2116

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
69	20.32	Aroclor 1260-1	178737	0.2065
71	20.80	Aroclor 1260-2	195961	0.2060
77	22.22	Aroclor 1260-3	155056	0.2051
82	23.61	Aroclor 1260-4	131274	0.2055
85	24.24	Aroclor 1260-5	242786	0.2072

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:52 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1660MH
Sample Number	: 009	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/9
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 23:14:40 PM	Cycle	: 9

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
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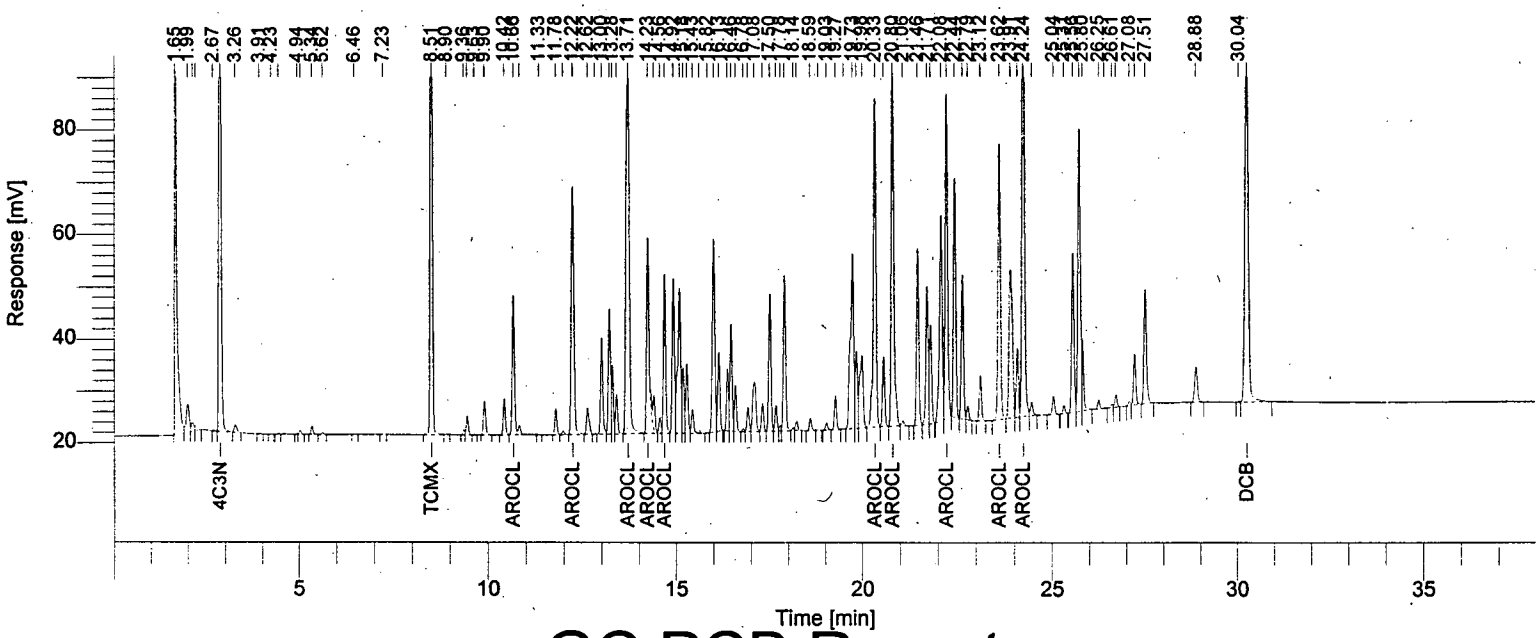

GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
6	2.86	4C3N	447633	0.0856
17	8.51	TCMX	460511	0.0397
	13.71	AR1016	1112382	0.3613
	24.24	AR1260	1618160	0.3692
103	30.26	DCB	440292	0.0392

05/22/98 08:45:52 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
24	10.66	Aroclor 1016-1	110804	0.3590
29	12.22	Aroclor 1016-2	242709	0.3540
36	13.71	Aroclor 1016-3	449584	0.3602
37	14.23	Aroclor 1016-4	182031	0.3652
40	14.68	Aroclor 1016-5	127255	0.3764

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
71	20.33	Aroclor 1260-1	311577	0.3600
73	20.80	Aroclor 1260-2	342509	0.3601
79	22.23	Aroclor 1260-3	280849	0.3716
84	23.62	Aroclor 1260-4	238299	0.3731
87	24.24	Aroclor 1260-5	444927	0.3796

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:45:57 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1660H
Sample Number	: 010	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/10
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/29/98 23:57:13 PM	Cycle	: 10

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
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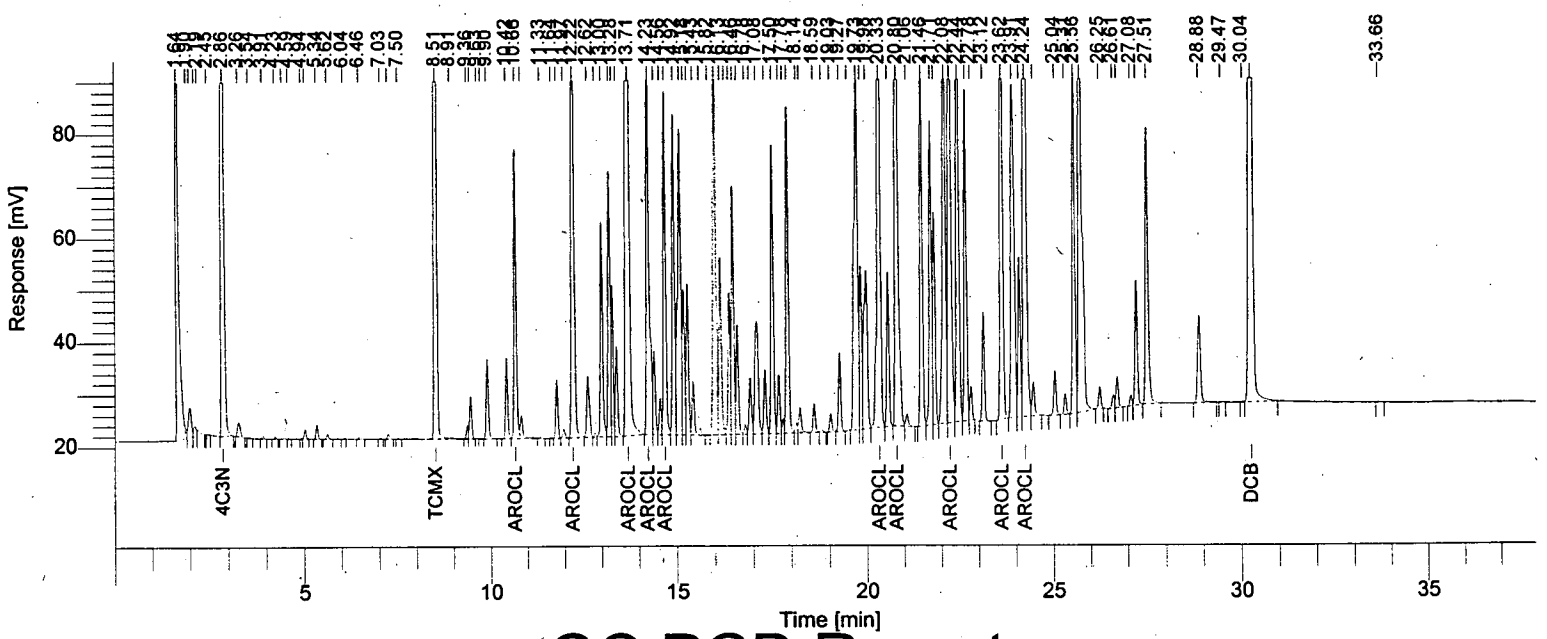

GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
7	2.86	4C3N	813461	0.1555
23	8.51	TCMX	1066569	0.0920
	13.71	AR1016	2355707	0.7651
	24.24	AR1260	3588852	0.8187
111	30.26	DCB	1034757	0.0922

05/22/98 08:45:57 AM Result:
\\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_010.rst

Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
31	10.66	Aroclor 1016-1	234385	0.7594
37	12.22	Aroclor 1016-2	498888	0.7277
44	13.71	Aroclor 1016-3	944437	0.7567
45	14.23	Aroclor 1016-4	396681	0.7958
48	14.68	Aroclor 1016-5	281316	0.8321

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
80	20.33	Aroclor 1260-1	658681	0.7610
82	20.80	Aroclor 1260-2	729684	0.7671
88	22.22	Aroclor 1260-3	652674	0.8635
93	23.62	Aroclor 1260-4	530136	0.8300
96	24.24	Aroclor 1260-5	1017677	0.8684

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:02 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1660REF
Sample Number	: 011	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/11
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 00:39:41 AM	Cycle	: 11

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
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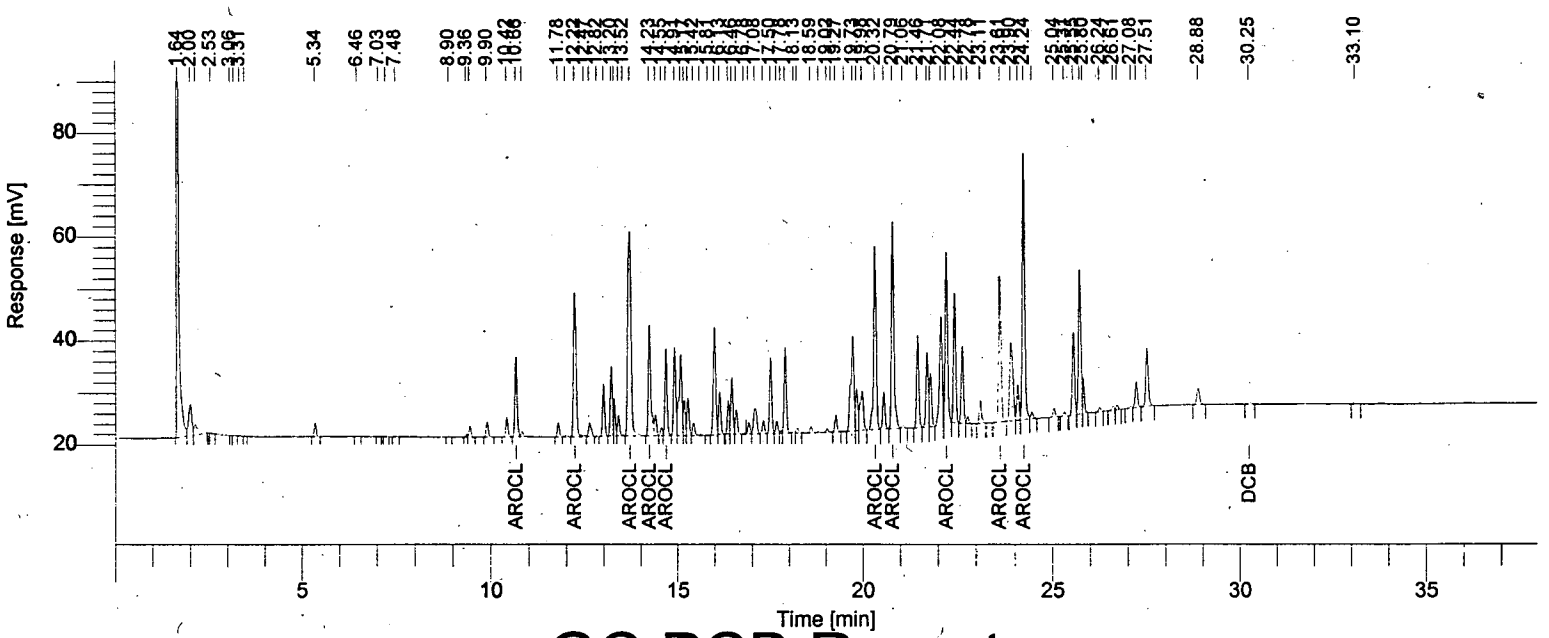

GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	13.70	AR1016	620899	0.2017
	24.24	AR1260	859481	0.1961
98	30.25	DCB	2146	0.0002

05/22/98 08:46:02 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
19	10.66	Aroclor 1016-1	62801	0.2035
23	12.22	Aroclor 1016-2	138324	0.2018
32	13.70	Aroclor 1016-3	251857	0.2018
33	14.23	Aroclor 1016-4	99795	0.2002
36	14.68	Aroclor 1016-5	68122	0.2015

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
68	20.32	Aroclor 1260-1	170352	0.1968
70	20.79	Aroclor 1260-2	186566	0.1961
76	22.22	Aroclor 1260-3	147858	0.1956
81	23.61	Aroclor 1260-4	125819	0.1970
84	24.24	Aroclor 1260-5	228886	0.1953

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:06 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1242L
Sample Number	: 012	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/12
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 01:22:08 AM	Cycle	: 12

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth
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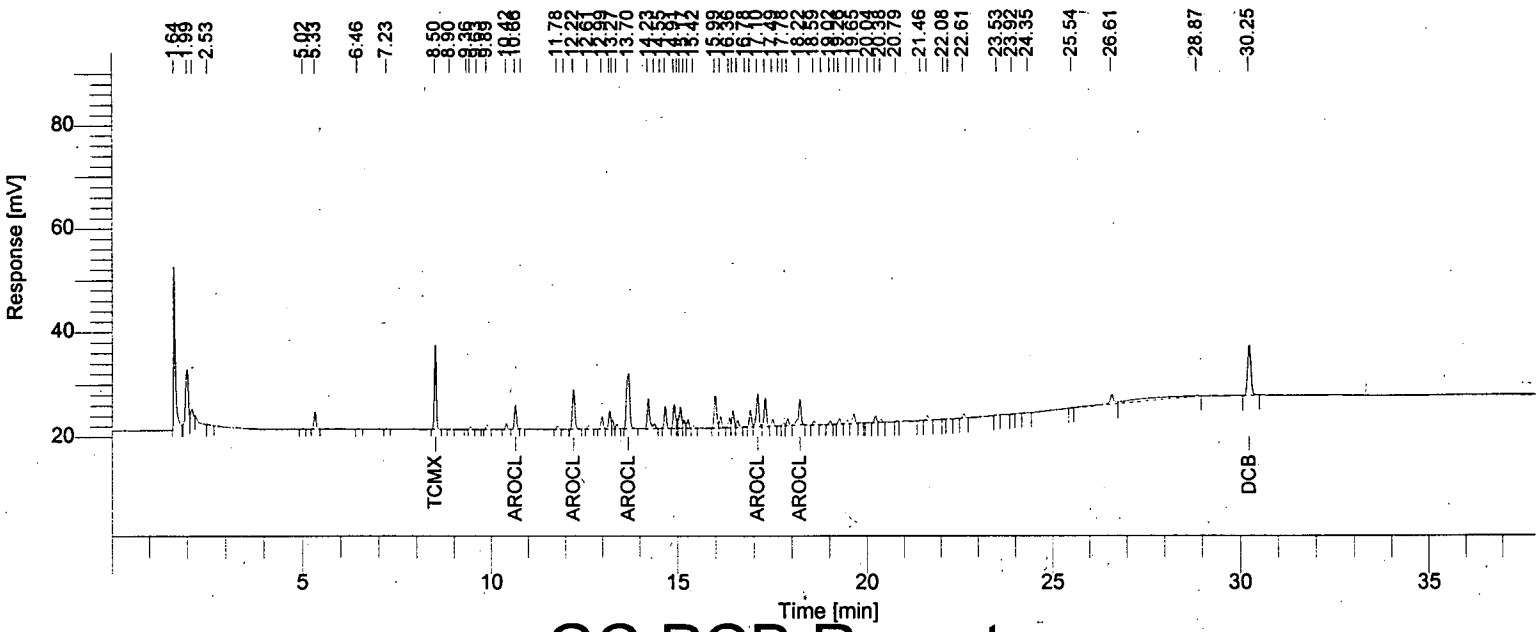

GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
9	8.50	TCMX	56072	0.0051
	13.70	AR1242	175843	0.0593
74	30.25	DCB	58420	0.0052

05/22/98 08:46:06 AM Result:
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Group Report For : AR1242

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
16	10.66	Aroclor 1242-1	17985	0.0587
20	12.22	Aroclor 1242-2	36362	0.0608
26	13.70	Aroclor 1242-3	65309	0.0593
44	17.10	Aroclor 1242-4	30746	0.0585
50	18.22	Aroclor 1242-5	25442	0.0588

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:11 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1242ML
Sample Number	: 013	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/13
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 02:04:40 AM	Cycle	: 13

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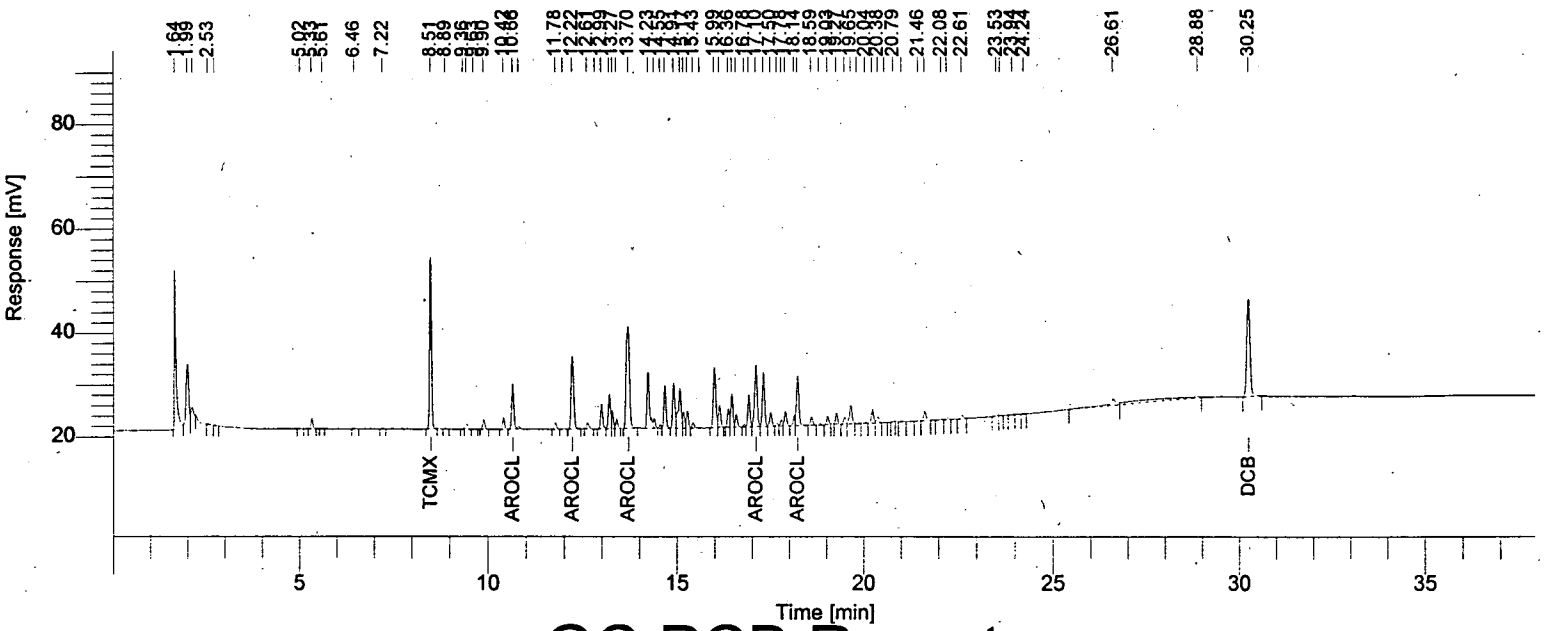

GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
11	8.51	TCMX	115385	0.0105
	13.70	AR1242	329588	0.1112
79	30.25	DCB	117702	0.0105

05/22/98 08:46:11 AM Result:
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Group Report For : AR1242

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
18	10.66	Aroclor 1242-1	34610	0.1129
22	12.22	Aroclor 1242-2	67759	0.1133
29	13.70	Aroclor 1242-3	123527	0.1123
47	17.10	Aroclor 1242-4	58681	0.1117
54	18.22	Aroclor 1242-5	45011	0.1039

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:16 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1242M
Sample Number	: 014	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/14
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 02:47:16 AM	Cycle	: 14

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth
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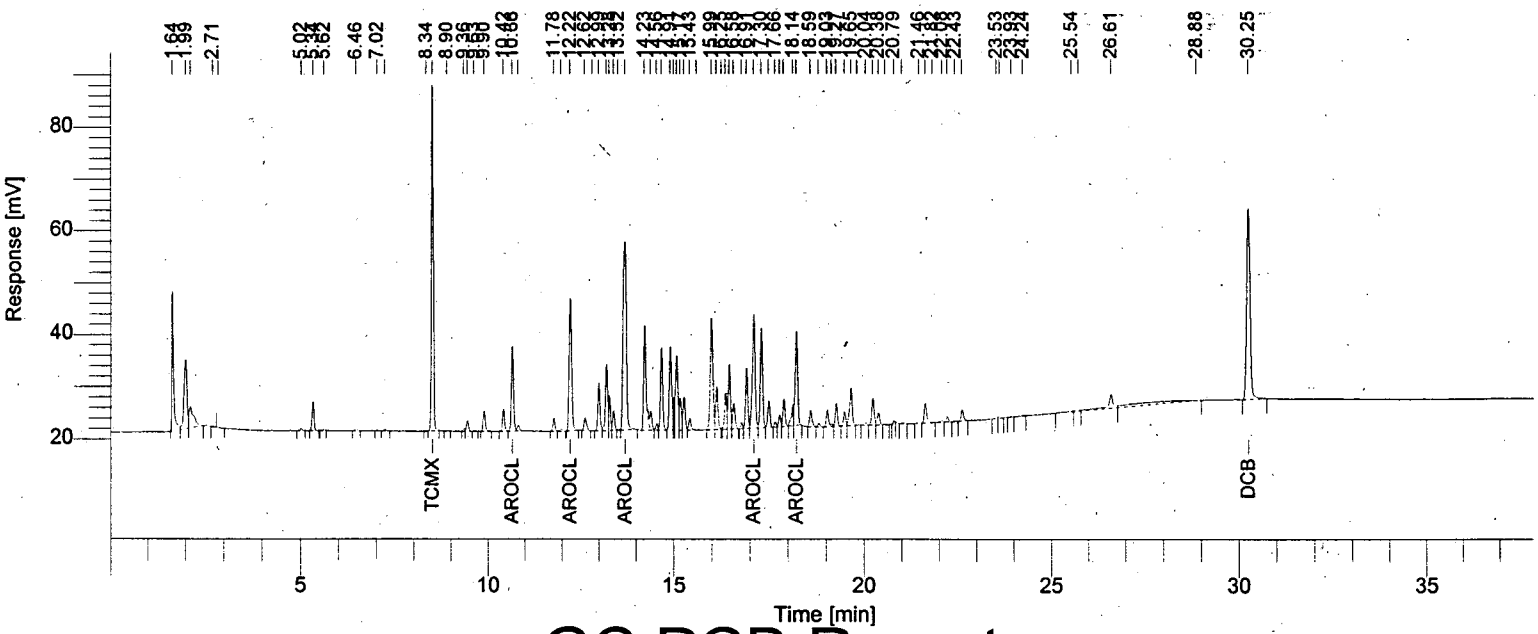

GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
13	8.51	TCMX	239301	0.0217
	13.70	AR1242	612075	0.2065
89	30.25	DCB	233024	0.0208

05/22/98 08:46:16 AM Result:
\\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_014.rst

Group Report For : AR1242

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
20	10.66	Aroclor 1242-1	65305	0.2130
24	12.22	Aroclor 1242-2	125220	0.2094
32	13.70	Aroclor 1242-3	229312	0.2084
52	17.10	Aroclor 1242-4	109715	0.2088
59	18.22	Aroclor 1242-5	82523	0.1906

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:21 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1242MH
Sample Number	: 015	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/15
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 03:29:53 AM	Cycle	: 15

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Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_015.rst
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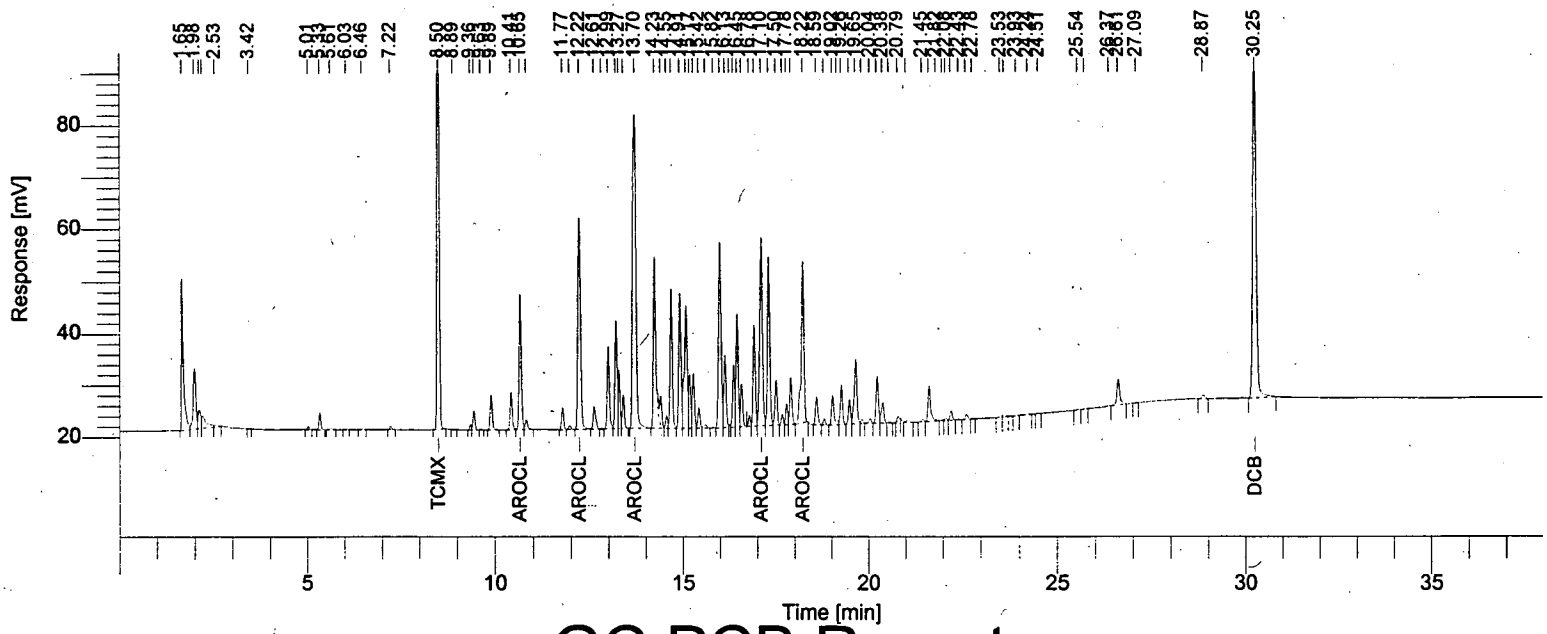
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
13	8.50	TCMX	417148	0.0378
	13.70	AR1242	1048181	0.3537
92	30.25	DCB	427509	0.0382

05/22/98 08:46:21 AM Result:
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Group Report For : AR1242

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
20	10.65	Aroclor 1242-1	106632	0.3478
24	12.22	Aroclor 1242-2	207395	0.3468
31	13.70	Aroclor 1242-3	387781	0.3524
51	17.10	Aroclor 1242-4	185290	0.3527
57	18.22	Aroclor 1242-5	161083	0.3720

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:26 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1242H
Sample Number	: 016	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/16
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 04:12:28 AM	Cycle	: 16

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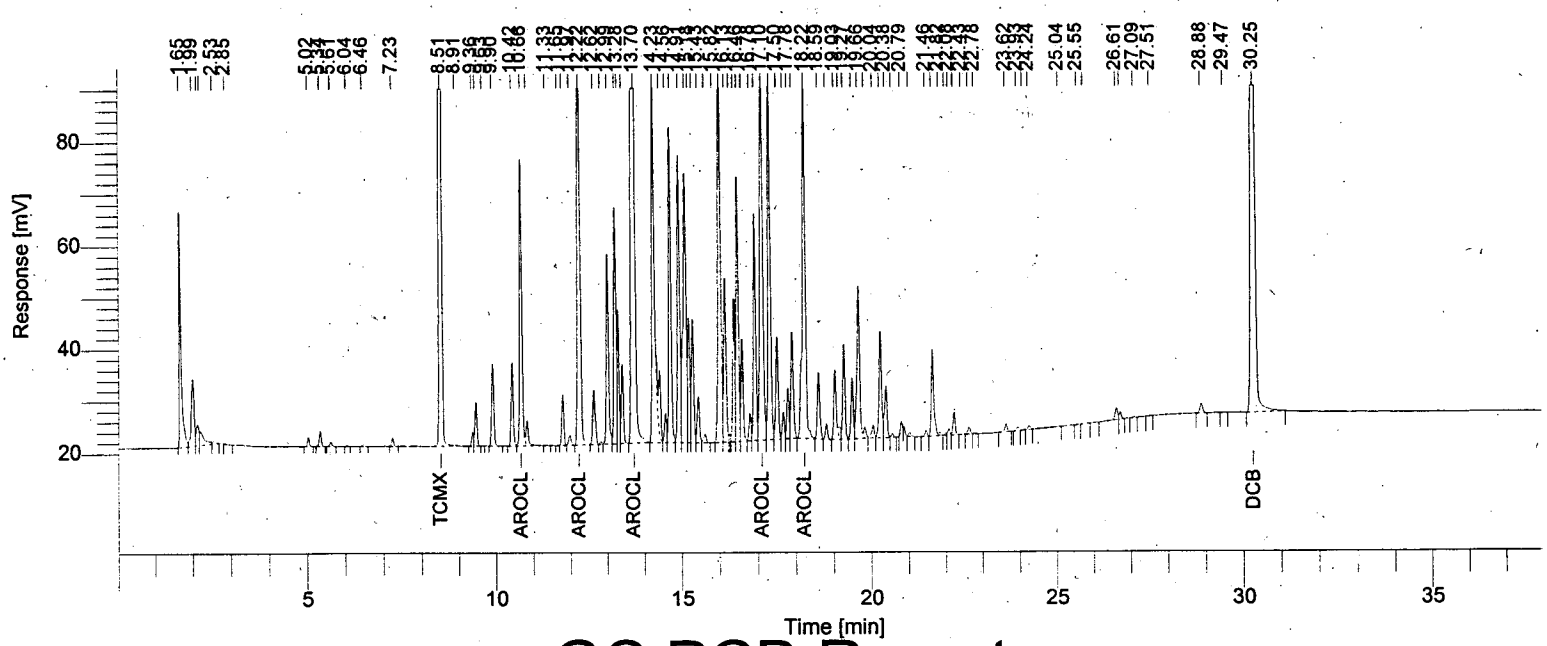
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
13	8.51	TCMX	1002830	0.0909
	13.70	AR1242	2323663	0.7841
96	30.25	DCB	1010692	0.0904

05/22/98 08:46:26 AM Result:
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Group Report For : AR1242

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
20	10.66	Aroclor 1242-1	234068	0.7634
26	12.22	Aroclor 1242-2	440803	0.7371
33	13.70	Aroclor 1242-3	844697	0.7676
53	17.10	Aroclor 1242-4	413285	0.7867
59	18.22	Aroclor 1242-5	390810	0.9025

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:31 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1242REF
Sample Number	: 017	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/17
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 04:55:08 AM	Cycle	: 17

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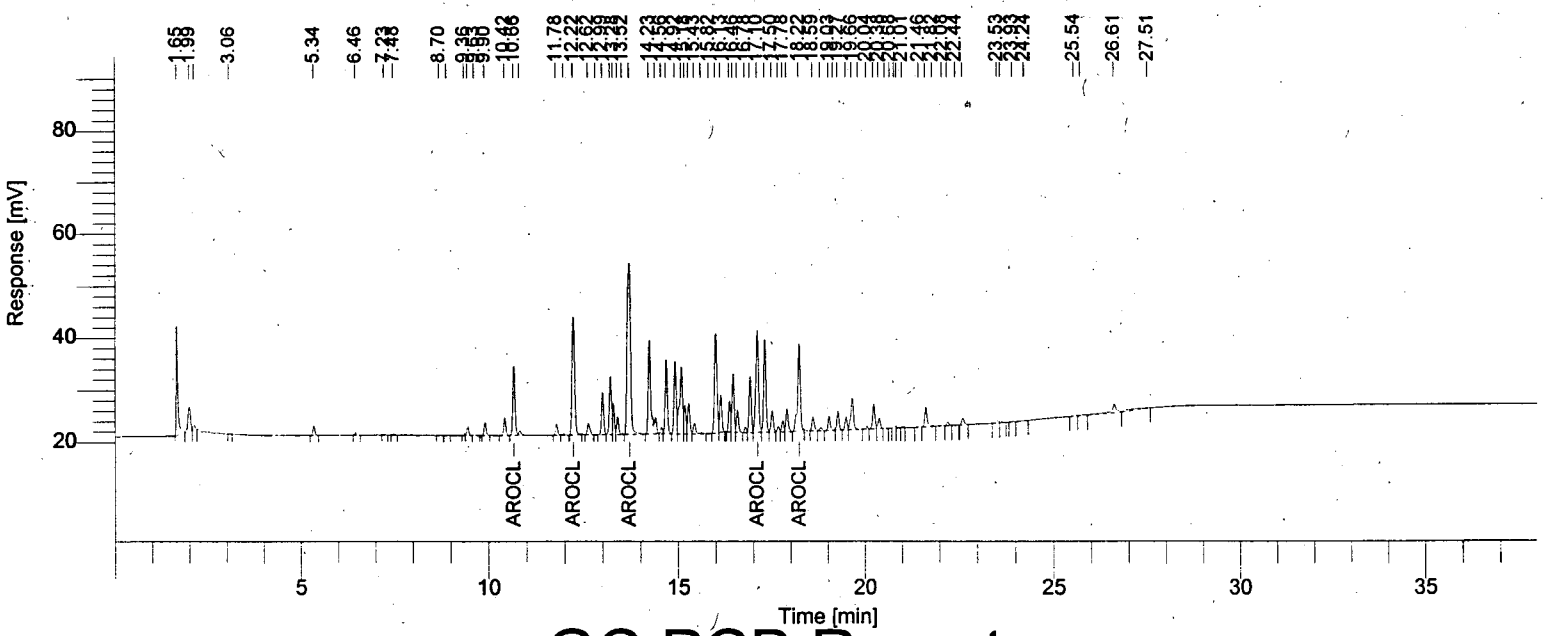
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	13.71	AR1242	558061	0.1883

Group Report For : AR1242

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
16	10.66	Aroclor 1242-1	53566	0.1747
20	12.22	Aroclor 1242-2	111276	0.1861
28	13.71	Aroclor 1242-3	210336	0.1911
47	17.10	Aroclor 1242-4	98607	0.1877
53	18.22	Aroclor 1242-5	84276	0.1946

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:35 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1254L
Sample Number	: 018	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/18
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.95 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 05:37:44 AM	Cycle	: 18

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Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_018.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
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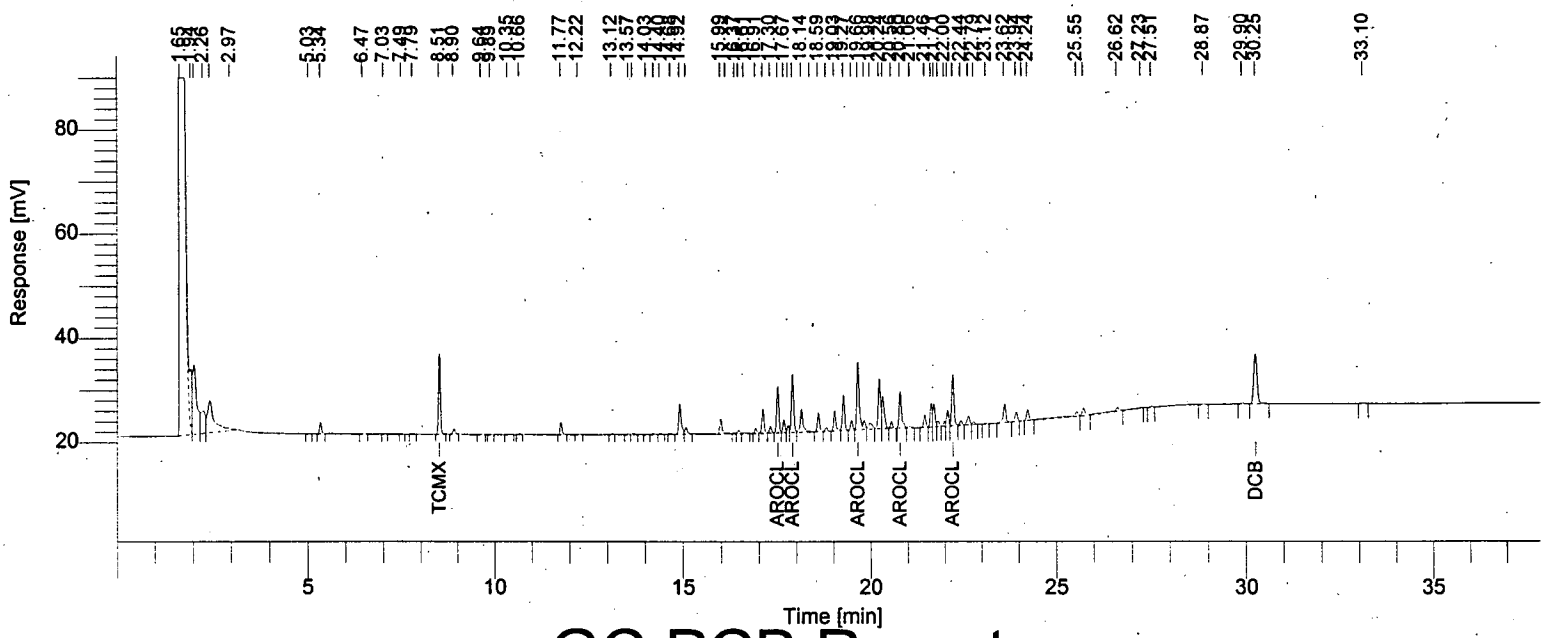

GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
13	8.51	TCMX	54199	0.0050
	19.66	AR1254	221179	0.0602
79	30.25	DCB	60264	0.0052

05/22/98 08:46:35 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
38	17.50	Aroclor 1254-1	37105	0.0631
41	17.90	Aroclor 1254-2	48231	0.0636
49	19.66	Aroclor 1254-3	59958	0.0584
55	20.80	Aroclor 1254-4	33275	0.0589
63	22.22	Aroclor 1254-5	42610	0.0580

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:40 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1254ML
Sample Number	: 019	Study	: 8082.ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/19
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 06:20:16 AM	Cycle	: 19

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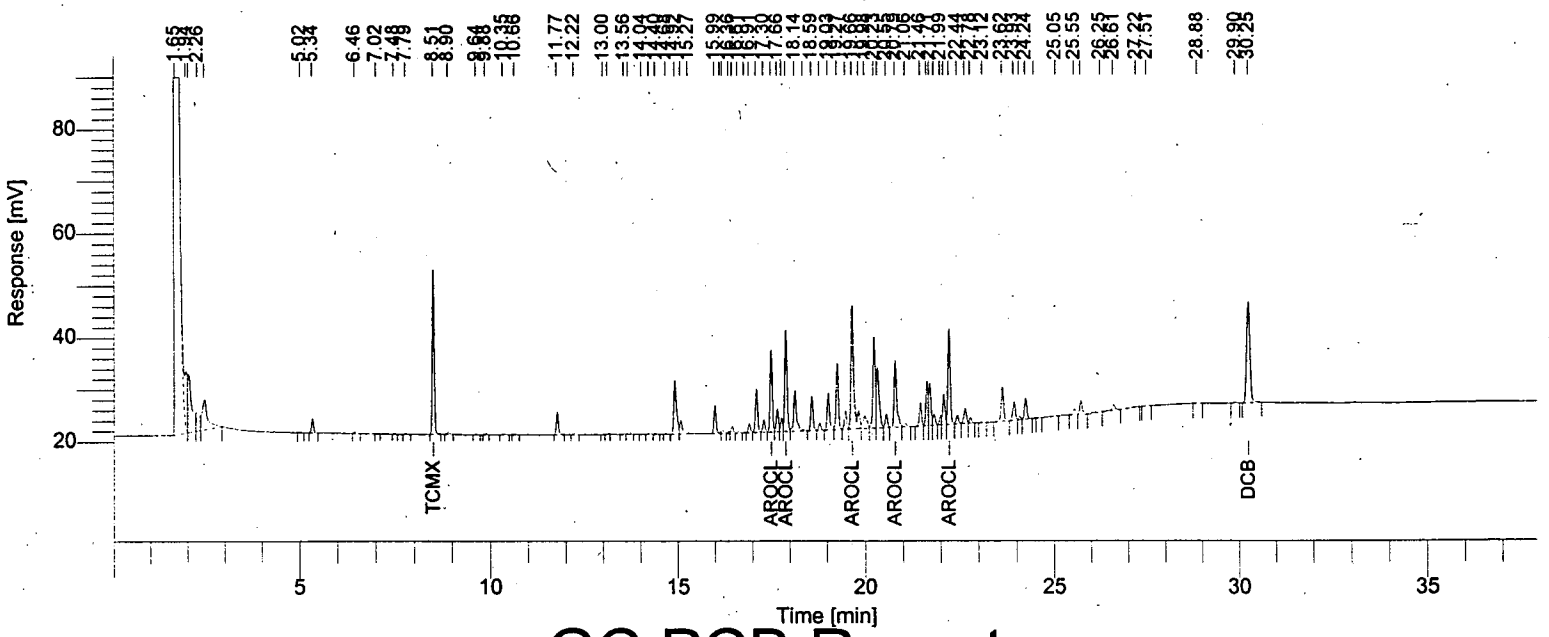
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
12	8.51	TCMX	110598	0.0102
	19.66	AR1254	410067	0.1117
85	30.25	DCB	122436	0.0106

05/22/98 08:46:40 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
41	17.50	Aroclor 1254-1	66494	0.1131
44	17.90	Aroclor 1254-2	86173	0.1136
52	19.66	Aroclor 1254-3	113310	0.1105
58	20.79	Aroclor 1254-4	63420	0.1122
66	22.22	Aroclor 1254-5	80670	0.1099

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:44 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1254M
Sample Number	: 020	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/20
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 07:02:52 AM	Cycle	: 20

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
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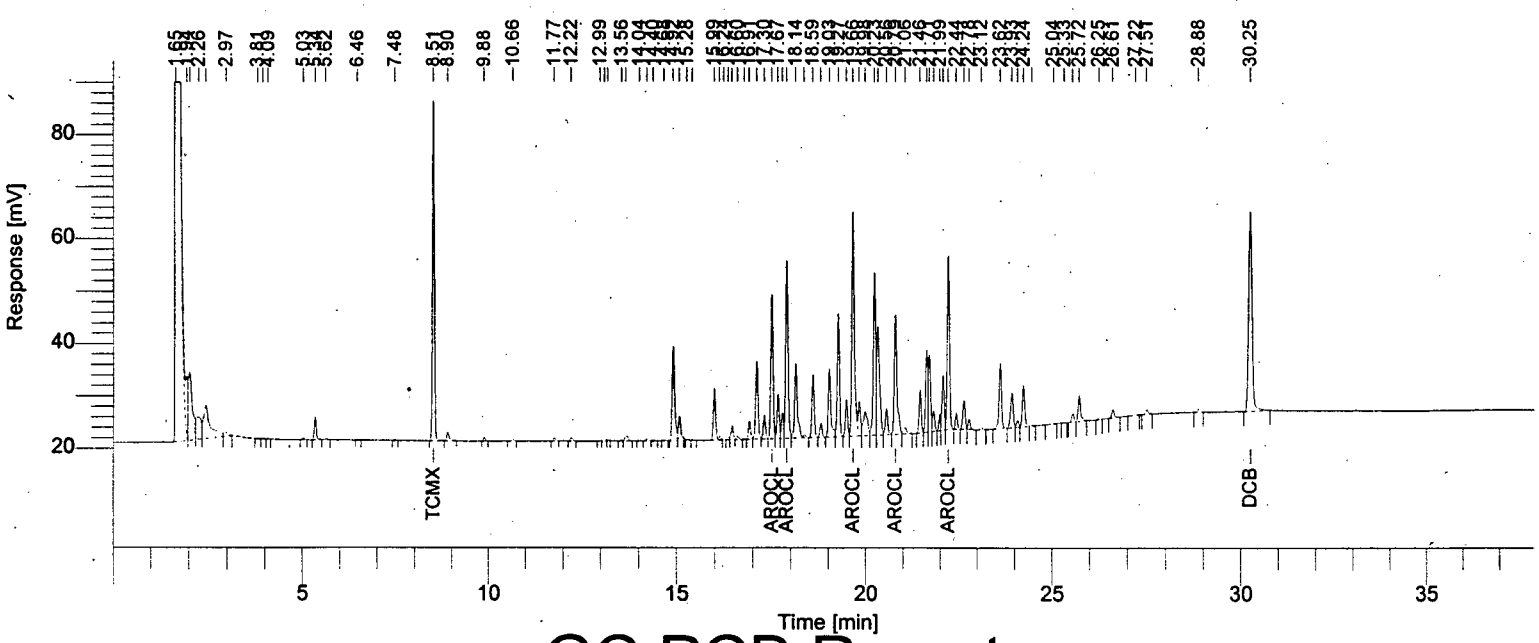

GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
15	8.51	TCMX	234811	0.0217
	19.66	AR1254	739531	0.2014
88	30.25	DCB	242966	0.0211

05/22/98 08:46:44 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
44	17.50	Aroclor 1254-1	118705	0.2018
47	17.90	Aroclor 1254-2	153334	0.2021
55	19.66	Aroclor 1254-3	207663	0.2024
61	20.79	Aroclor 1254-4	114847	0.2032
69	22.22	Aroclor 1254-5	144983	0.1975

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:49 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1254MH
Sample Number	: 021	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/21
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 07:45:28 AM	Cycle	: 21

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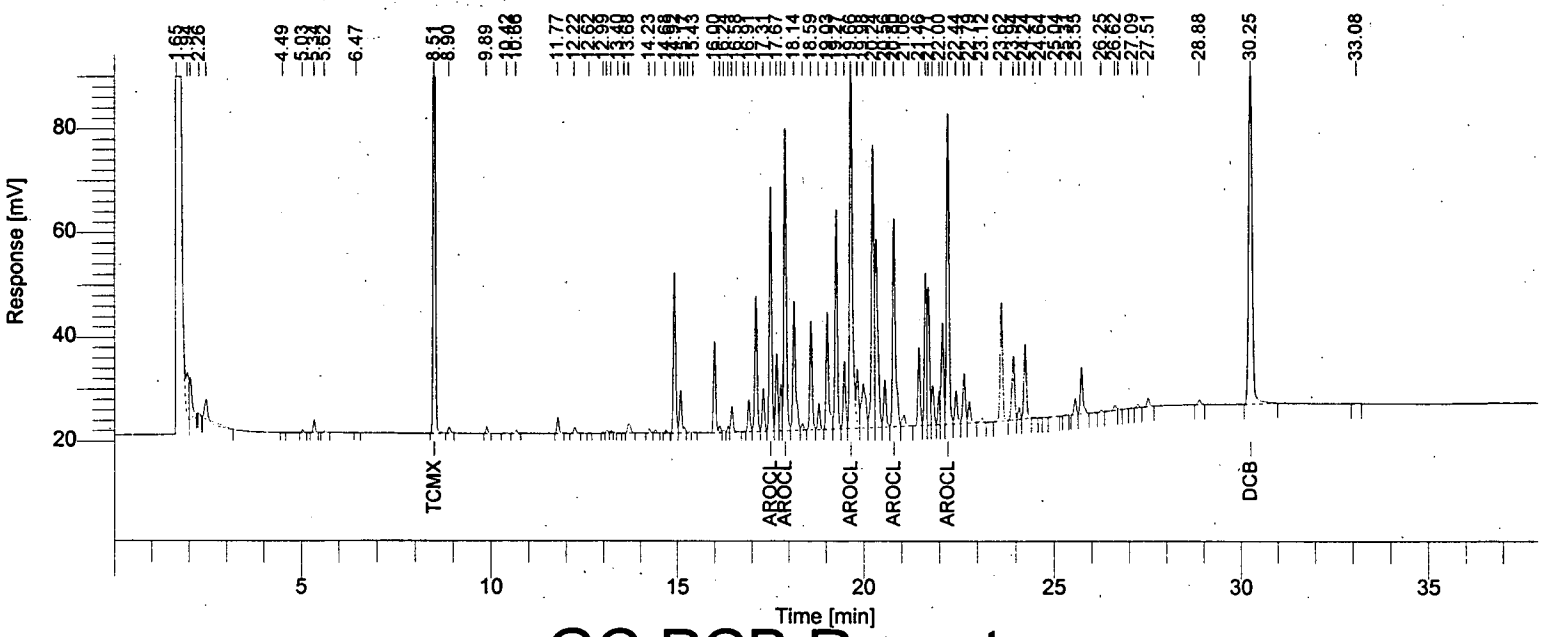

GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
11	8.51	TCMX	425552	0.0393
	19.66	AR1254	1323228	0.3604
90	30.25	DCB	437858	0.0380

05/22/98 08:46:49 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
43	17.50	Aroclor 1254-1	207073	0.3521
46	17.90	Aroclor 1254-2	265053	0.3494
54	19.66	Aroclor 1254-3	375066	0.3656
60	20.80	Aroclor 1254-4	204103	0.3612
68	22.22	Aroclor 1254-5	271931	0.3704

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:55 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1254H
Sample Number	: 022	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/22
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.95 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 08:27:56 AM	Cycle	: 22

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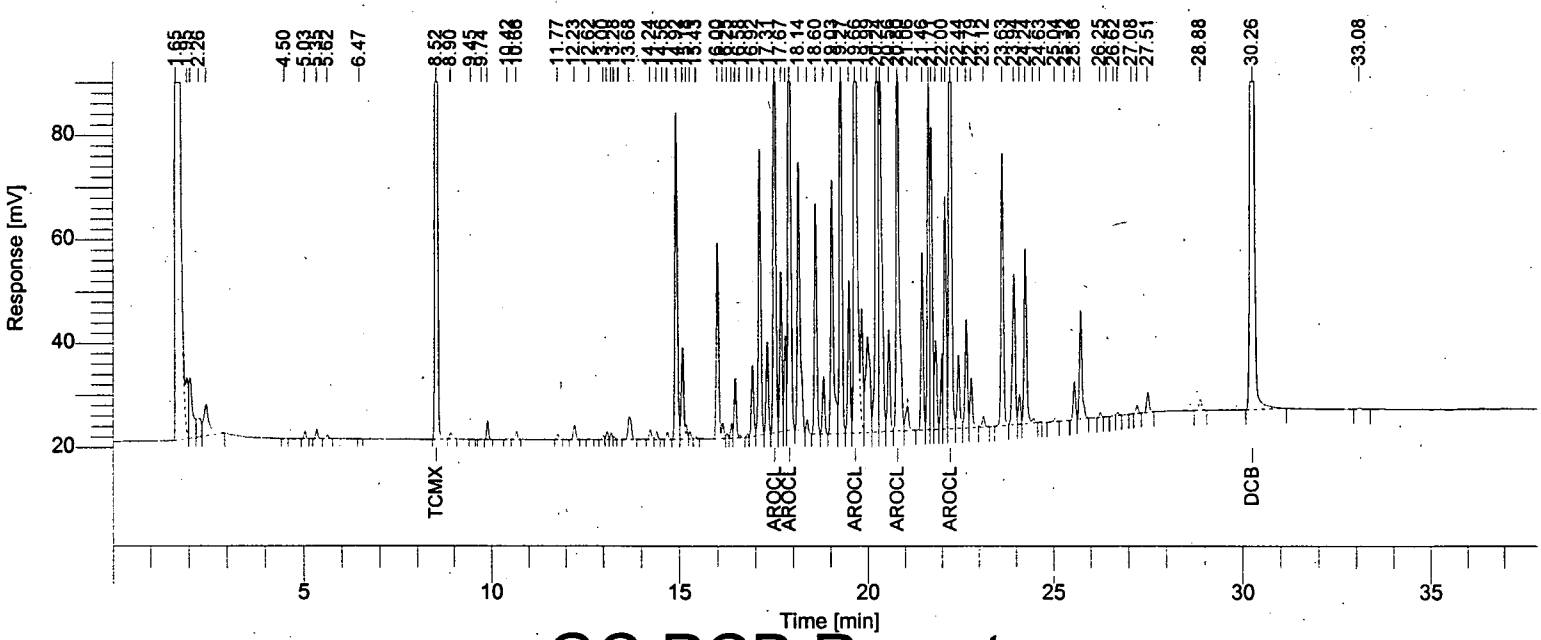

GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
11	8.52	TCMX	989345	0.0913
	19.66	AR1254	2828407	0.7703
94	30.26	DCB	1026118	0.0890

05/22/98 08:46:55 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
46	17.51	Aroclor 1254-1	422635	0.7186
49	17.90	Aroclor 1254-2	536925	0.7079
57	19.66	Aroclor 1254-3	820926	0.8003
63	20.80	Aroclor 1254-4	441249	0.7808
71	22.23	Aroclor 1254-5	606672	0.8265

Software Version	: 6.0.2:G11	Date	: 05/22/98 08:46:59 AM
Operator	: LEWANDOWSKIB	Sample Name	: AR1254REF
Sample Number	: 023	Study	: 8082 ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/23
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 04/30/98 09:10:24 AM	Cycle	: 23

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Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
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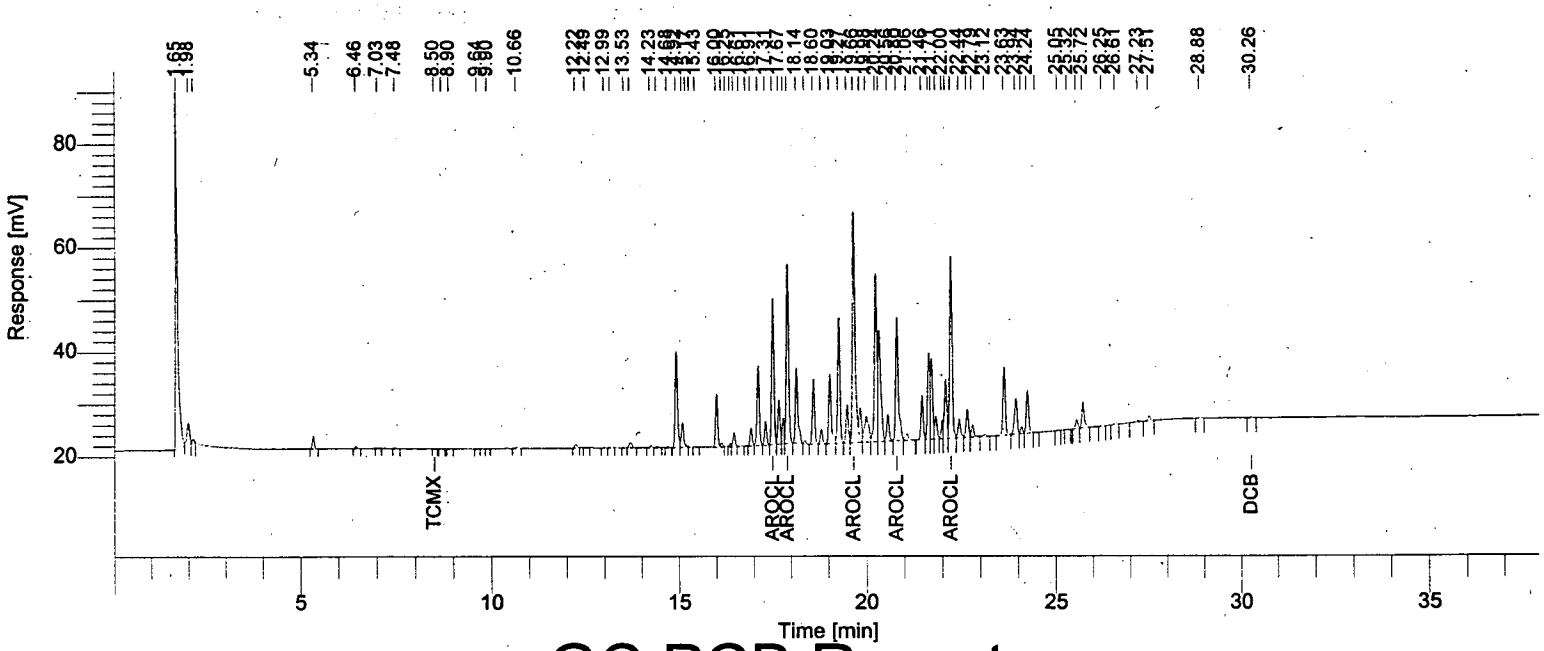

GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
8	8.50	TCMX	300	0.0000
	19.66	AR1254	759422	0.2068
82	30.26	DCB	751	0.0001

05/22/98 08:46:59 AM Result:
\\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_023.rst

Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
38	17.50	Aroclor 1254-1	119898	0.2038
41	17.90	Aroclor 1254-2	152184	0.2006
49	19.66	Aroclor 1254-3	213448	0.2081
55	20.80	Aroclor 1254-4	118478	0.2097
63	22.23	Aroclor 1254-5	155414	0.2117

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:58:04 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 039	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/39
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/14/98 22:39:19 PM	Cycle	: 39

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_039.raw
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_039.rst
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_039.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
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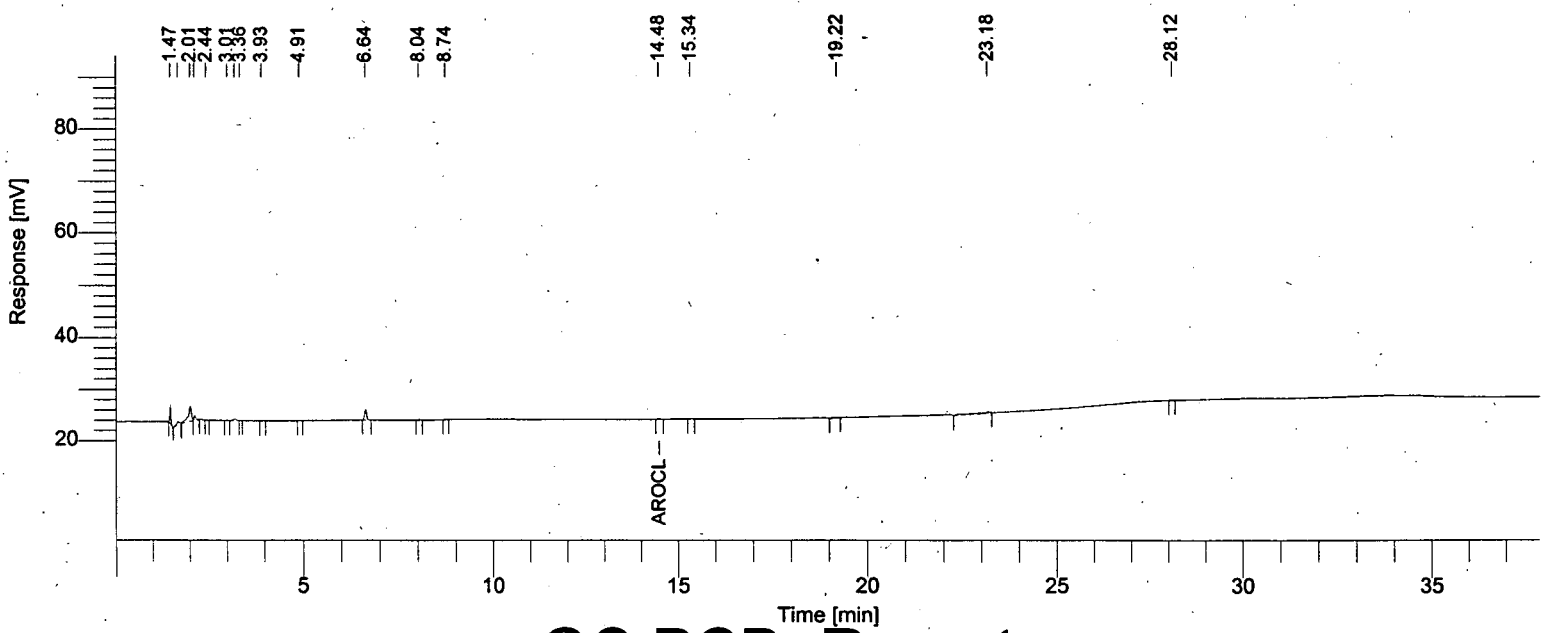

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	14.48	AR1016	748	0.0002

Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	10.90	Aroclor 1016-1	0	0.0000
0	13.11	Aroclor 1016-2	0	0.0000
0	14.08	Aroclor 1016-3	0	0.0000
14	14.48	Aroclor 1016-4	748	0.0013
0	14.73	Aroclor 1016-5	0	0.0000

05/18/98 10:58:04 AM Result:
\\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_039.rst

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	20.65	Aroclor 1260-1	0	0.0000
0	21.48	Aroclor 1260-2	0	0.0000
0	22.48	Aroclor 1260-3	0	0.0000
0	24.81	Aroclor 1260-4	0	0.0000
0	25.85	Aroclor 1260-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:58:09 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 040	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/40
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/14/98 23:21:55 PM	Cycle	: 40

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_040.raw
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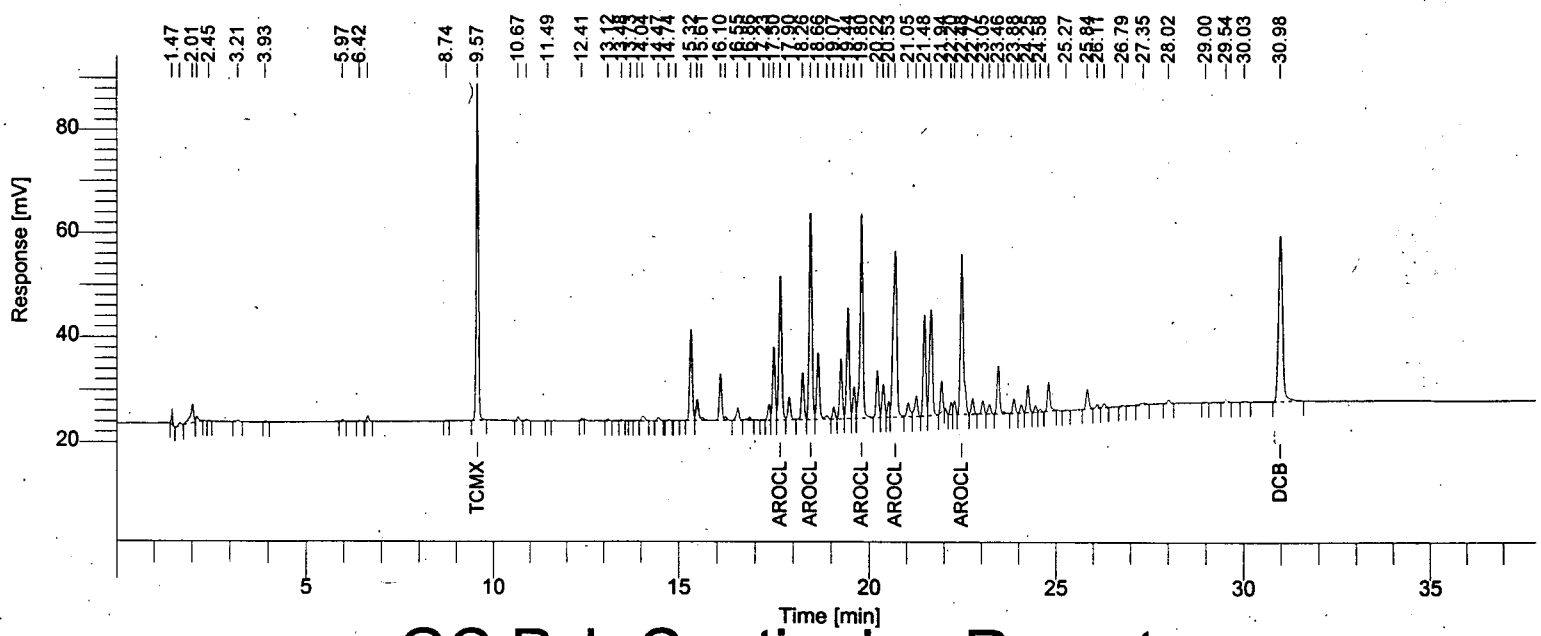
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_040.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
12	9.57	TCMX	262324	0.0249	0.020	24.7
	18.46	AR1254	942915	0.2222	0.200	11.1
79	30.98	DCB	242932	0.0225	0.020	12.5
			1448171	0.2697		

05/18/98 10:58:09 AM Result:
\\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_040:rst

Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
35	17.67	Aroclor 1254-1	142195	0.2277	0.000	----
38	18.46	Aroclor 1254-2	200508	0.2213	0.000	----
45	19.80	Aroclor 1254-3	206554	0.2254	0.000	----
49	20.70	Aroclor 1254-4	220182	0.2219	0.000	----
57	22.48	Aroclor 1254-5	173475	0.2158	0.000	----
			942915	1.1121		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:10:53 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 041	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/41
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/15/98 00:04:36 AM	Cycle	: 41

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_041.raw
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Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_041.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
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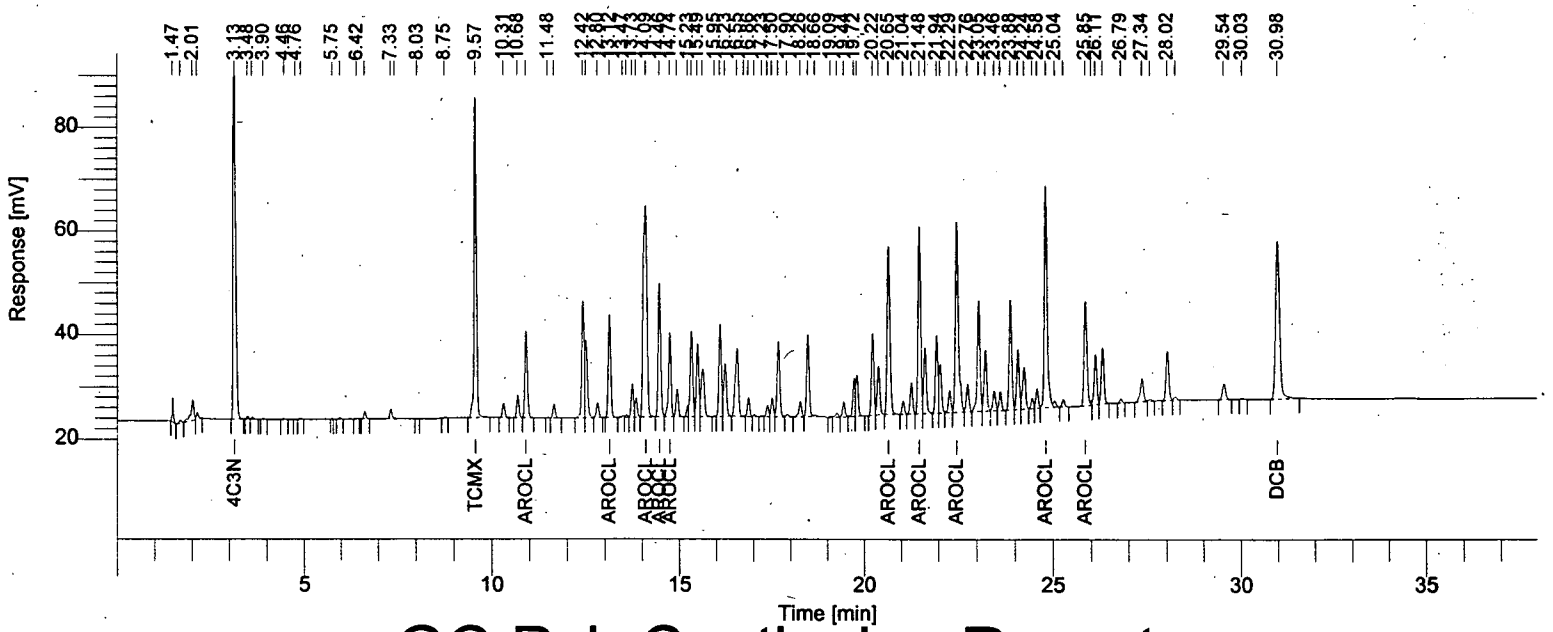

GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
5	3.13	4C3N	348924	0.0589	0.050	17.8
20	9.57	TCMX	261072	0.0217	0.020	8.5
	14.09	AR1016	659910	0.2188	0.200	9.4
	24.81	AR1260	886009	0.2140	0.200	7.0
97	30.98	DCB	232191	0.0216	0.020	7.8
			2388106	0.5350		

05/18/98 11:10:53 AM Result:
\\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_041.rst

Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
23	10.90	Aroclor 1016-1	76518	0.2194	0.000	----
29	13.12	Aroclor 1016-2	92291	0.2209	0.000	----
34	14.09	Aroclor 1016-3	291955	0.2180	0.000	----
35	14.46	Aroclor 1016-4	122570	0.2190	0.000	----
36	14.74	Aroclor 1016-5	76575	0.2186	0.000	----
			659910	1.0960		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
64	20.65	Aroclor 1260-1	170560	0.2147	0.000	----
67	21.48	Aroclor 1260-2	177654	0.2138	0.000	----
72	22.48	Aroclor 1260-3	207064	0.2138	0.000	----
83	24.81	Aroclor 1260-4	221435	0.2119	0.000	----
86	25.85	Aroclor 1260-5	109296	0.2178	0.000	----
			886009	1.0719		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:11:44 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 052	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/52
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/15/98 14:18:53 PM	Cycle	: 52

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Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_052.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
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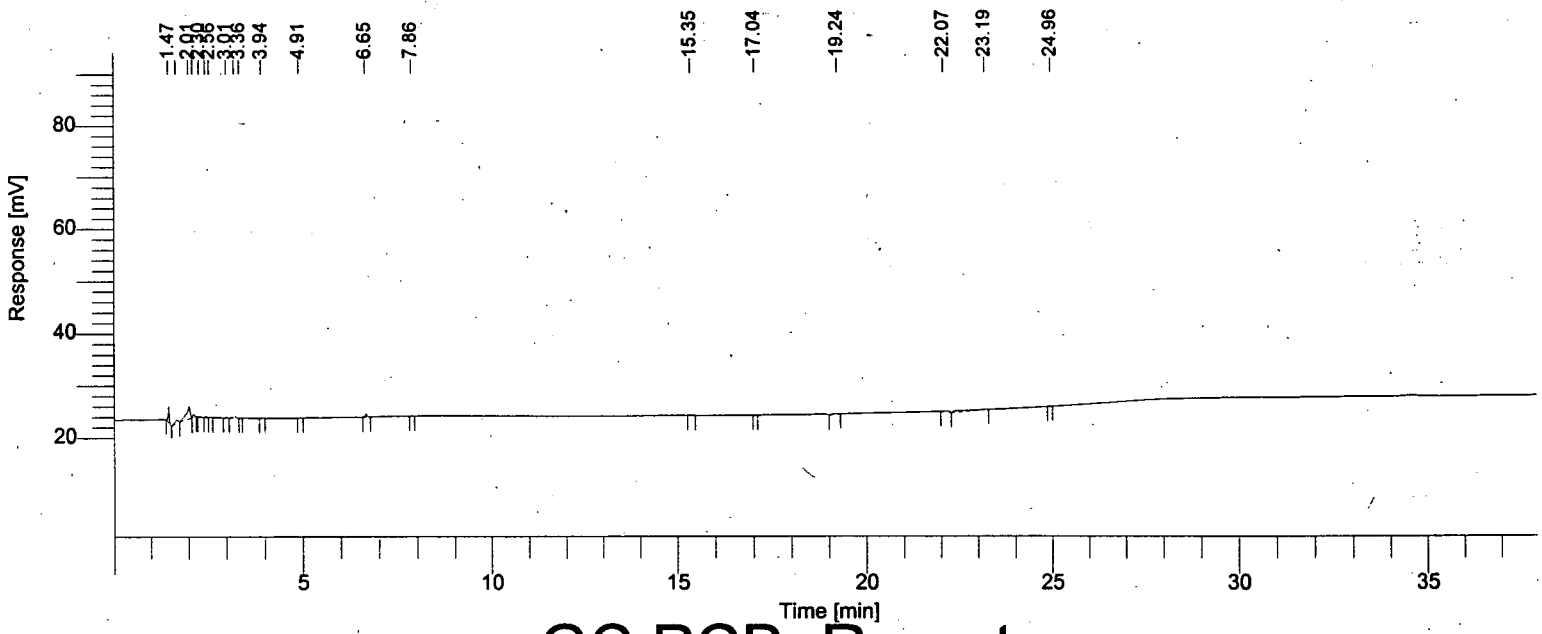

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

No peaks available to report

Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	10.90	Aroclor 1016-1	0	0.0000
0	13.11	Aroclor 1016-2	0	0.0000
0	14.08	Aroclor 1016-3	0	0.0000
0	14.45	Aroclor 1016-4	0	0.0000
0	14.73	Aroclor 1016-5	0	0.0000

05/18/98 11:11:44 AM Result:
\\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_052:rst

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	20.65	Aroclor 1260-1	0	0.0000
0	21.48	Aroclor 1260-2	0	0.0000
0	22.48	Aroclor 1260-3	0	0.0000
0	24.81	Aroclor 1260-4	0	0.0000
0	25.85	Aroclor 1260-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:11:50 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 053	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/53
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.95 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/15/98 15:01:20 PM	Cycle	: 53

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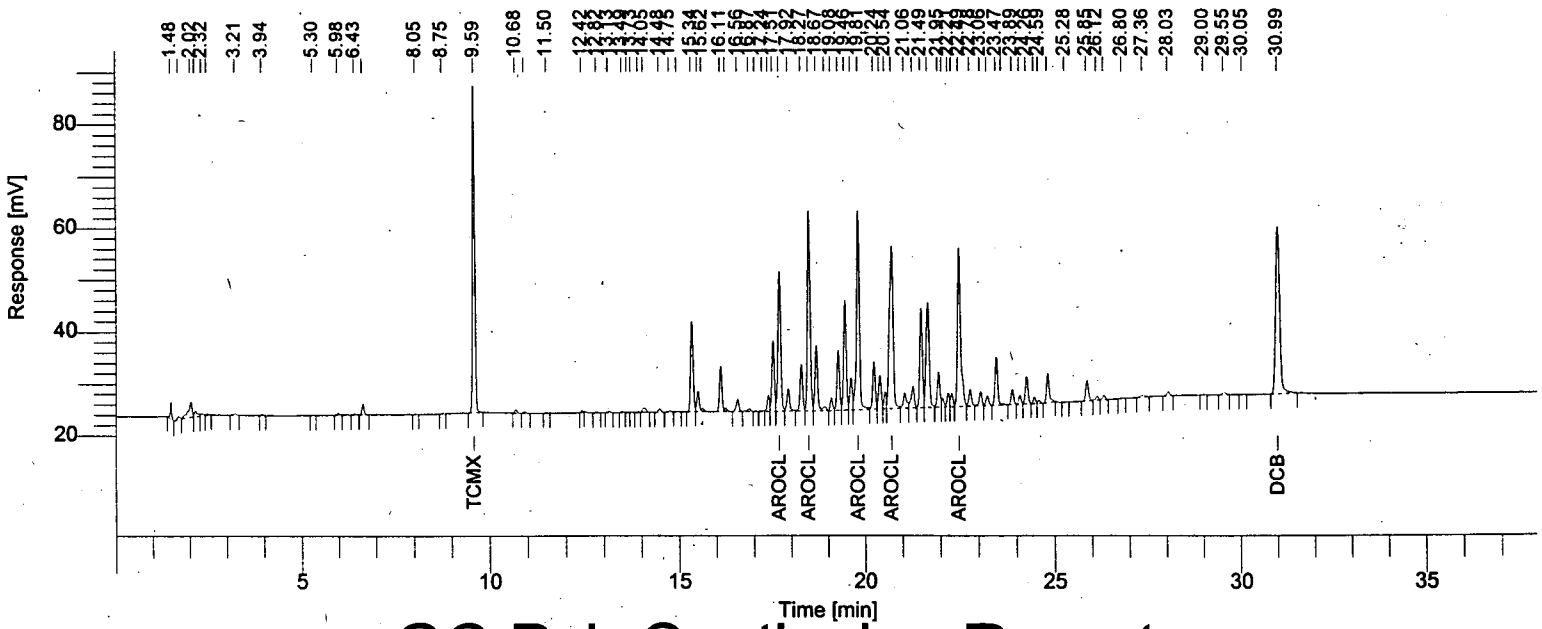
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
15	9.59	TCMX	255242	0.0243	0.020	21.4
	18.48	AR1254	937216	0.2209	0.200	10.4
86	30.99	DCB	246201	0.0228	0.020	14.0
			1438659	0.2679		

05/18/98 11:11:50 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
41	17.68	Aroclor 1254-1	138939	0.2225	0.000	-----
44	18.48	Aroclor 1254-2	196250	0.2166	0.000	-----
51	19.81	Aroclor 1254-3	206404	0.2252	0.000	-----
55	20.71	Aroclor 1254-4	219565	0.2213	0.000	-----
64	22.49	Aroclor 1254-5	176058	0.2190	0.000	-----
			937216	1.1046		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:11:54 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 054	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/54
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/15/98 15:44:01 PM	Cycle	: 54

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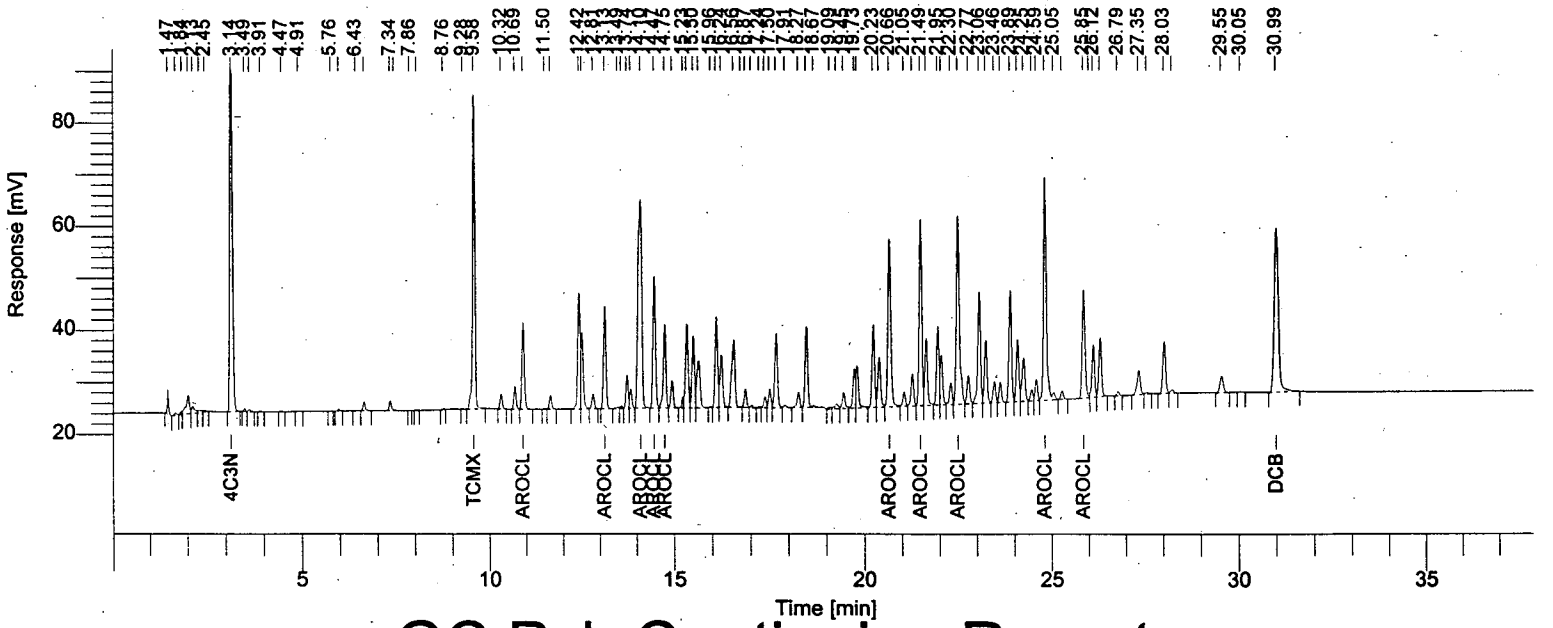
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
8	3.14	4C3N	355426	0.0600	0.050	20.0
24	9.58	TCMX	255619	0.0213	0.020	6.3
	14.10	AR1016	651831	0.2162	0.200	8.1
	24.82	AR1260	894314	0.2160	0.200	8.0
101	30.99	DCB	240924	0.0224	0.020	11.9
			2398113	0.5357		

05/18/98 11:11:54 AM Result:
\\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_054.rst

Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
27	10.91	Aroclor 1016-1	76349	0.2189	0.000	-----
33	13.13	Aroclor 1016-2	91459	0.2189	0.000	-----
38	14.10	Aroclor 1016-3	287048	0.2144	0.000	-----
39	14.47	Aroclor 1016-4	121023	0.2162	0.000	-----
40	14.75	Aroclor 1016-5	75951	0.2169	0.000	-----
			651831	1.0853		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
68	20.66	Aroclor 1260-1	175432	0.2208	0.000	-----
71	21.49	Aroclor 1260-2	176462	0.2123	0.000	-----
76	22.48	Aroclor 1260-3	206714	0.2134	0.000	-----
87	24.82	Aroclor 1260-4	224143	0.2145	0.000	-----
90	25.85	Aroclor 1260-5	111563	0.2223	0.000	-----
			894314	1.0833		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:19:45 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 065	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/65
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/15/98 23:33:14 PM	Cycle	: 65

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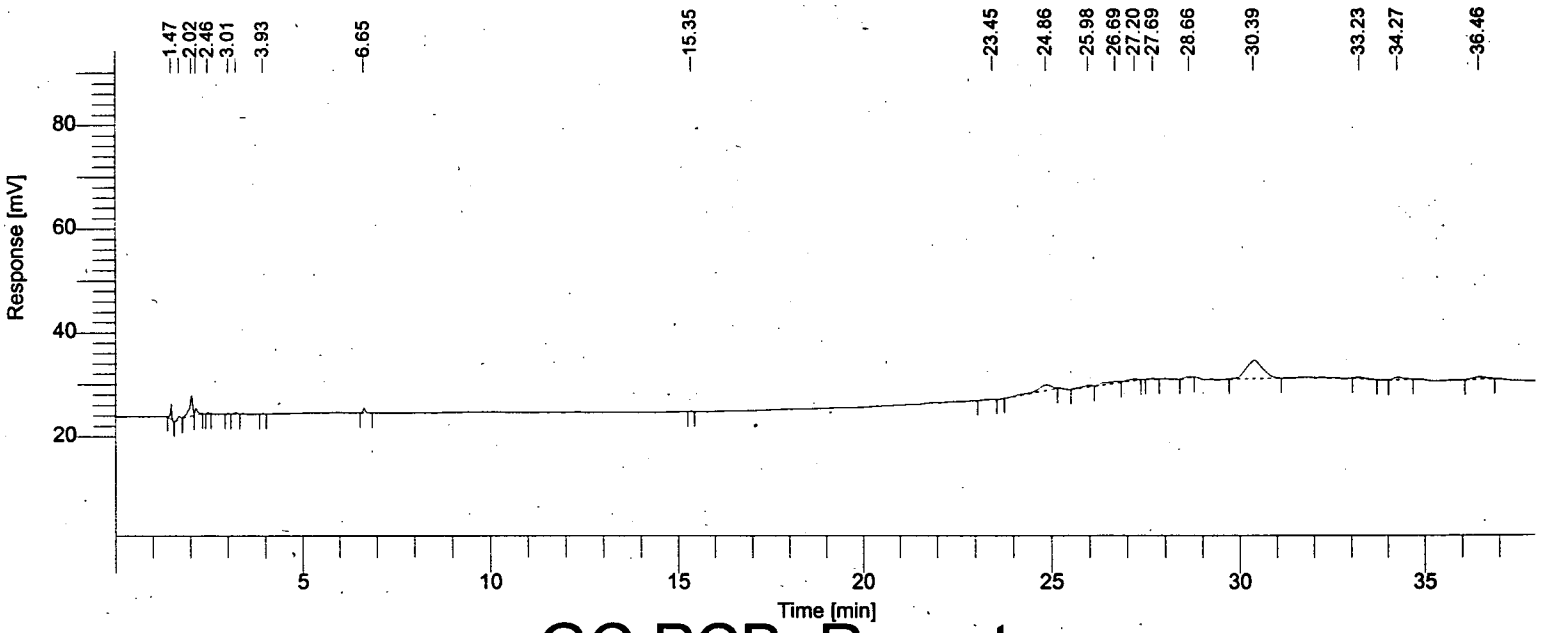

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

No peaks available to report

Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	17.66	Aroclor 1254-1	0	0.0000
0	18.46	Aroclor 1254-2	0	0.0000
0	19.79	Aroclor 1254-3	0	0.0000
0	20.69	Aroclor 1254-4	0	0.0000
0	22.47	Aroclor 1254-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:19:49 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 066	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/66
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.98 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 00:15:56 AM	Cycle	: 66

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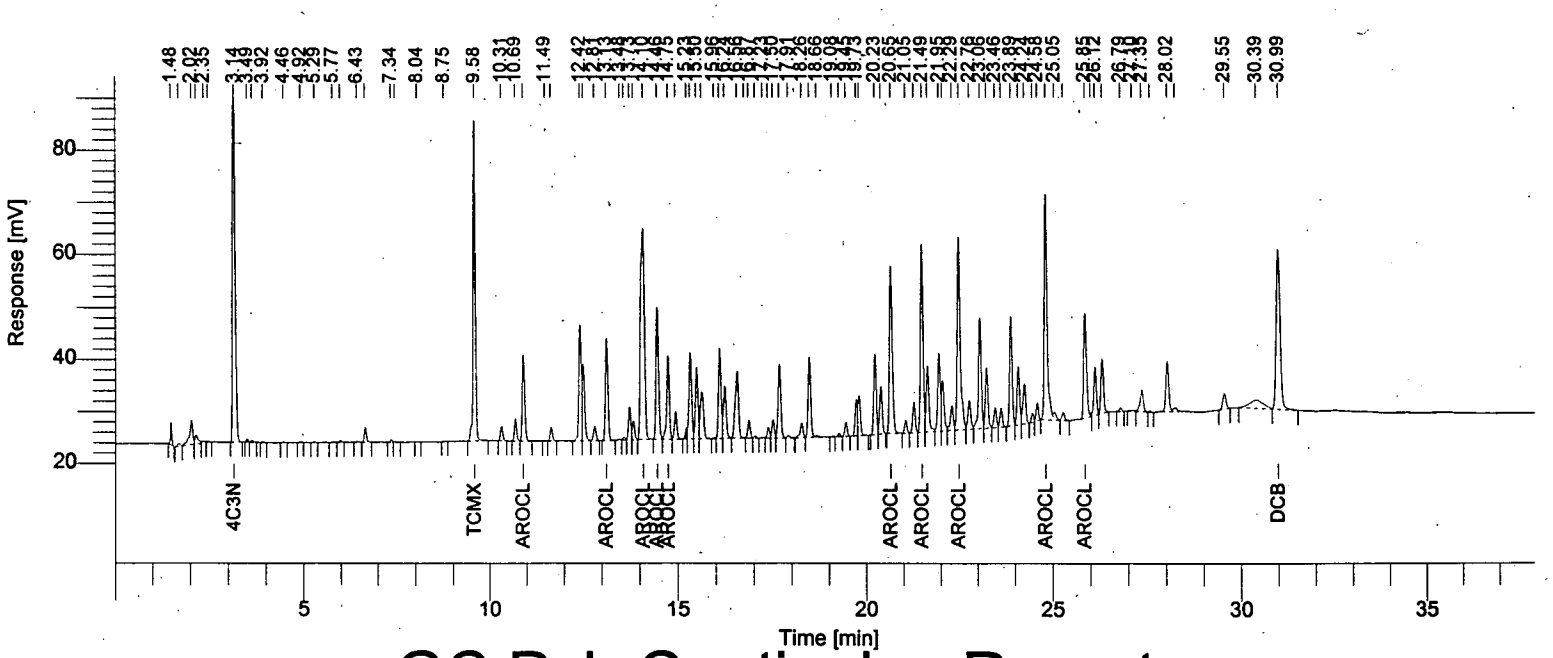
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_066.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
7	3.14	4C3N	358295	0.0605	0.050	21.0
22	9.58	TCMX	259308	0.0216	0.020	7.8
	14.10	AR1016	653770	0.2168	0.200	8.4
	24.81	AR1260	890255	0.2150	0.200	7.5
100	30.99	DCB	225657	0.0210	0.020	4.8
			2387284	0.5348		

05/18/98 11:19:49 AM Result:
\\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_066.rst

Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
25	10.91	Aroclor 1016-1	75818	0.2174	0.000	----
31	13.13	Aroclor 1016-2	91355	0.2187	0.000	----
36	14.10	Aroclor 1016-3	289282	0.2161	0.000	----
37	14.46	Aroclor 1016-4	121414	0.2169	0.000	----
38	14.75	Aroclor 1016-5	75900	0.2167	0.000	----
			653770	1.0857		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
66	20.65	Aroclor 1260-1	168446	0.2120	0.000	----
69	21.49	Aroclor 1260-2	177250	0.2133	0.000	----
74	22.48	Aroclor 1260-3	211357	0.2182	0.000	----
85	24.81	Aroclor 1260-4	227078	0.2173	0.000	----
88	25.85	Aroclor 1260-5	106124	0.2114	0.000	----
			890255	1.0722		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:19:54 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 067	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/67
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 00:58:34 AM	Cycle	: 67

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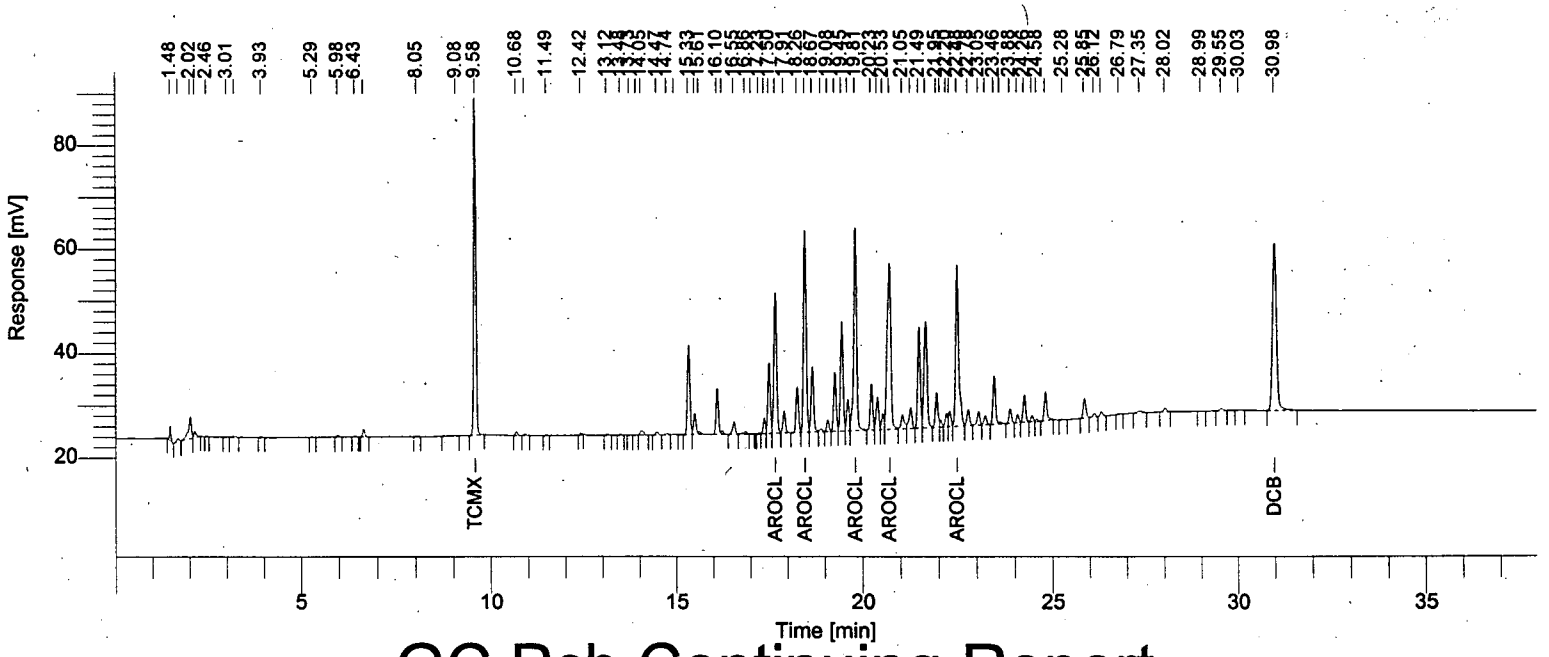

GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
15	9.58	TCMX	261418	0.0249	0.020	24.3
	19.81	AR1254	931017	0.2194	0.200	9.7
84	30.98	DCB	242256	0.0224	0.020	12.1
			1434691	0.2667		

05/18/98 11:19:54 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
39	17.67	Aroclor 1254-1	137758	0.2206	0.000	-----
42	18.47	Aroclor 1254-2	195214	0.2155	0.000	-----
49	19.81	Aroclor 1254-3	202710	0.2212	0.000	-----
53	20.71	Aroclor 1254-4	218513	0.2202	0.000	-----
62	22.48	Aroclor 1254-5	176822	0.2200	0.000	-----
			931017	1.0974		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:20:52 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 078	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/78
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.98 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 08:47:36 AM	Cycle	: 78

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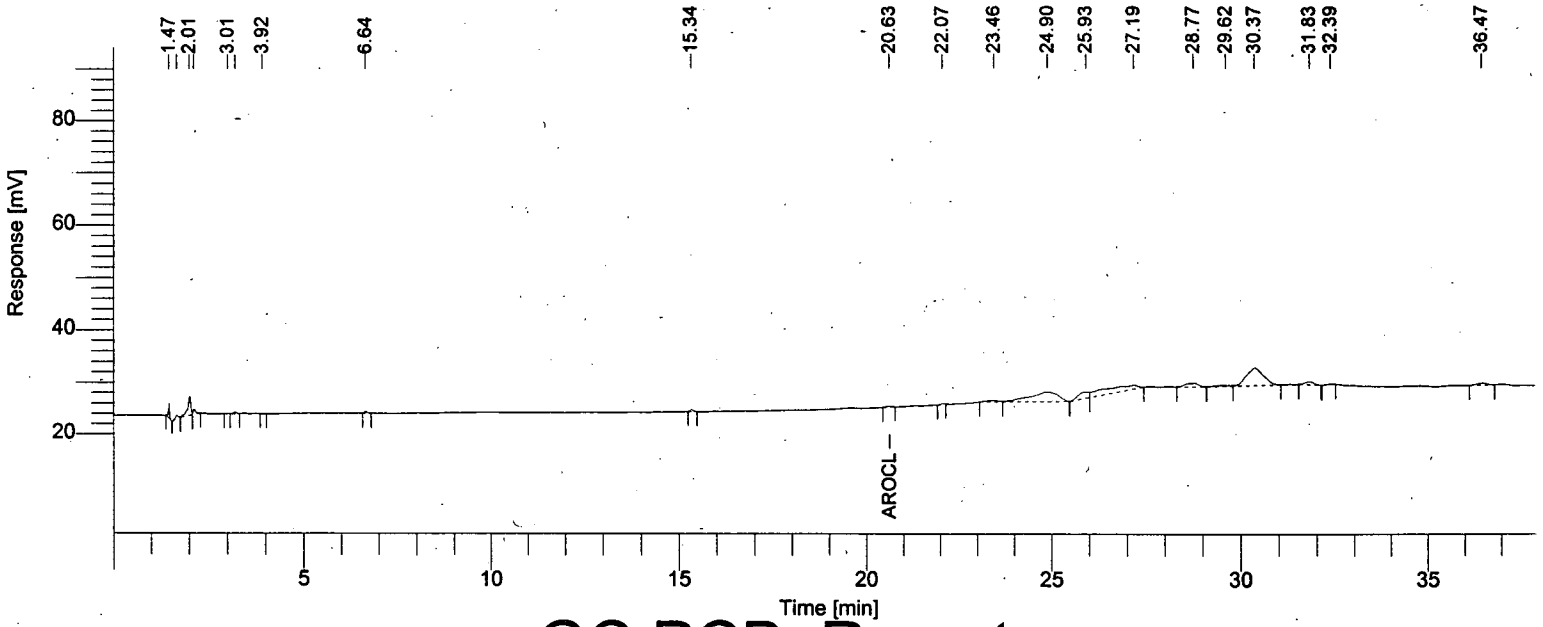

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	20.63	AR1254	1326	0.0003

Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	17.66	Aroclor 1254-1	0	0.0000
0	18.46	Aroclor 1254-2	0	0.0000
0	19.79	Aroclor 1254-3	0	0.0000
10	20.63	Aroclor 1254-4	1326	0.0013
0	22.47	Aroclor 1254-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:20:57 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 079	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/79
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 09:30:19 AM	Cycle	: 79

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
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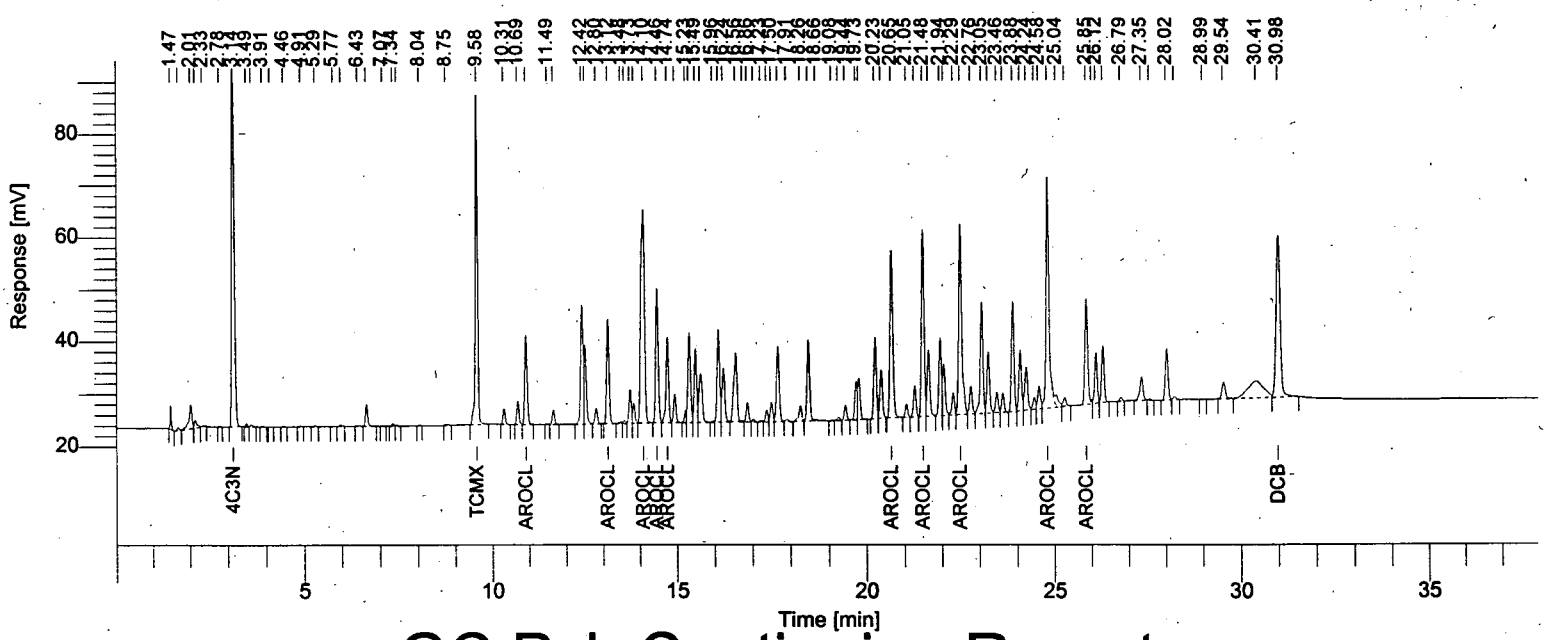

GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
7	3.14	4C3N	350464	0.0592	0.050	18.3
24	9.58	TCMX	266590	0.0222	0.020	10.8
	14.10	AR1016	663360	0.2200	0.200	10.0
	24.81	AR1260	913060	0.2205	0.200	10.2
102	30.98	DCB	234513	0.0218	0.020	8.9
			2427986	0.5436		

05/18/98 11:20:57 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
27	10.91	Aroclor 1016-1	77706	0.2228	0.000	-----
33	13.12	Aroclor 1016-2	93202	0.2231	0.000	-----
38	14.10	Aroclor 1016-3	292273	0.2183	0.000	-----
39	14.46	Aroclor 1016-4	123209	0.2201	0.000	-----
40	14.74	Aroclor 1016-5	76971	0.2198	0.000	-----
			663360	1.1041		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
68	20.65	Aroclor 1260-1	169136	0.2129	0.000	-----
71	21.48	Aroclor 1260-2	175886	0.2116	0.000	-----
76	22.48	Aroclor 1260-3	207772	0.2145	0.000	-----
87	24.81	Aroclor 1260-4	250487	0.2397	0.000	-----
90	25.85	Aroclor 1260-5	109780	0.2187	0.000	-----
			913060	1.0974		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:21:02 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 080	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/80
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.97 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 10:13:02 AM	Cycle	: 80

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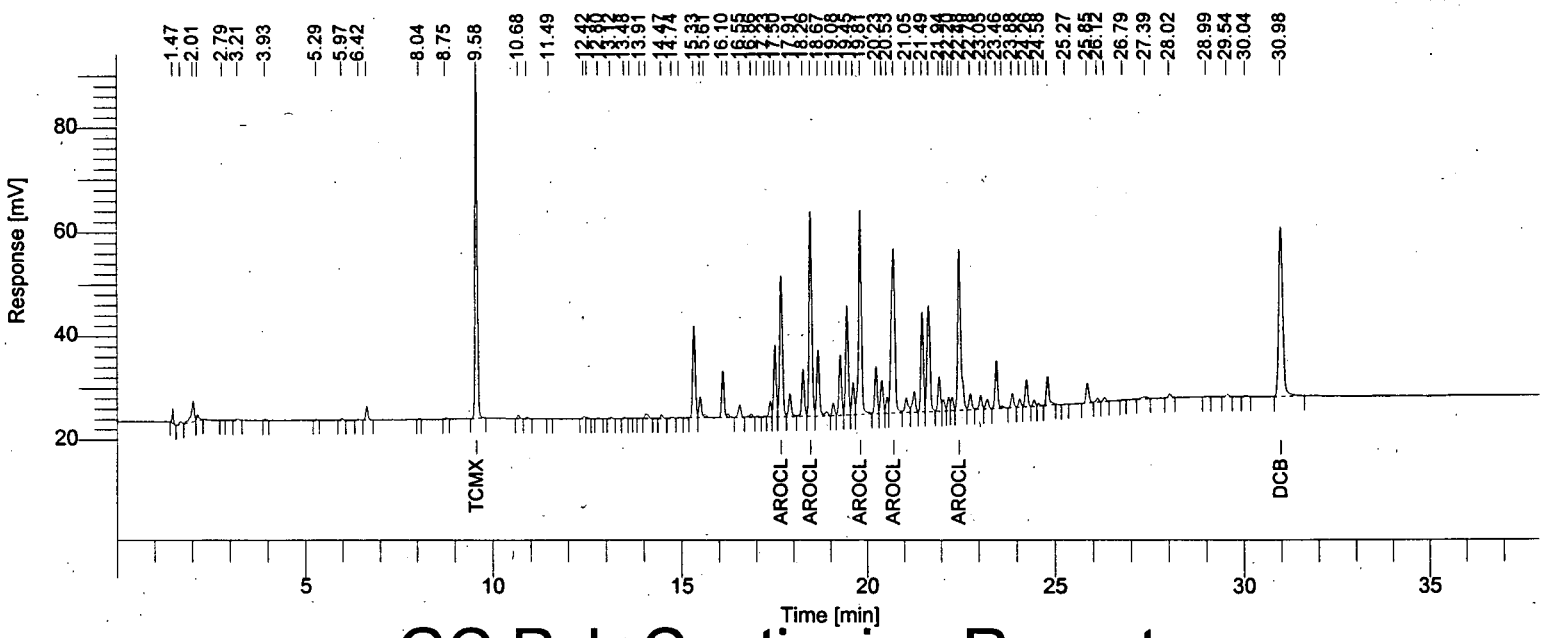

GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
14	9.58	TCMX	267281	0.0254	0.020	27.1
	18.47	AR1254	947323	0.2233	0.200	11.6
85	30.98	DCB	247229	0.0229	0.020	14.4
			1461832	0.2716		

05/18/98 11:21:02 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
40	17.67	Aroclor 1254-1	141050	0.2259	0.000	-----
43	18.47	Aroclor 1254-2	199083	0.2198	0.000	-----
50	19.81	Aroclor 1254-3	208475	0.2275	0.000	-----
54	20.71	Aroclor 1254-4	221364	0.2231	0.000	-----
63	22.48	Aroclor 1254-5	177351	0.2206	0.000	-----
			947323	1.1168		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:31:26 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 091	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/91
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 18:02:15 PM	Cycle	: 91

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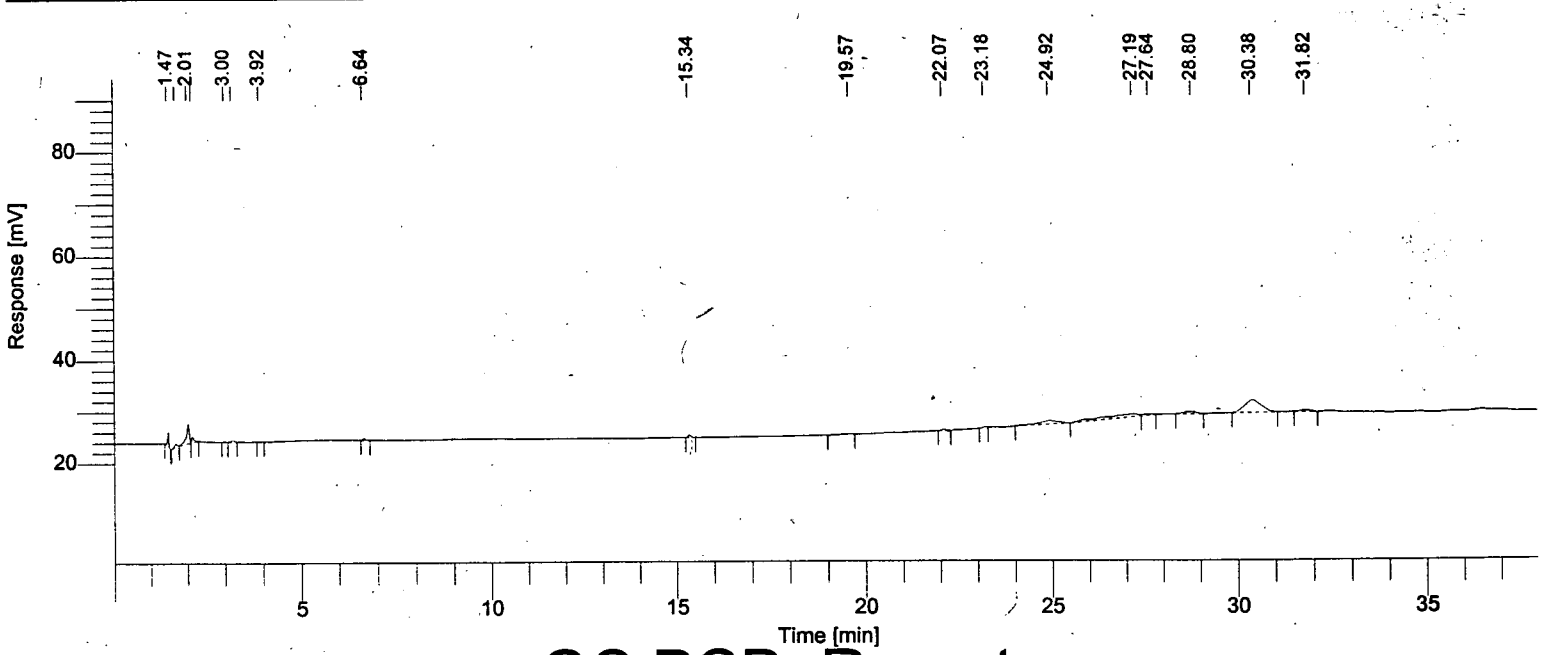

GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

No peaks available to report

Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	17.66	Aroclor 1254-1	0	0.0000
0	18.46	Aroclor 1254-2	0	0.0000
0	19.79	Aroclor 1254-3	0	0.0000
0	20.69	Aroclor 1254-4	0	0.0000
0	22.47	Aroclor 1254-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:31:30 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 092	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/92
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 18:44:57 PM	Cycle	: 92

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
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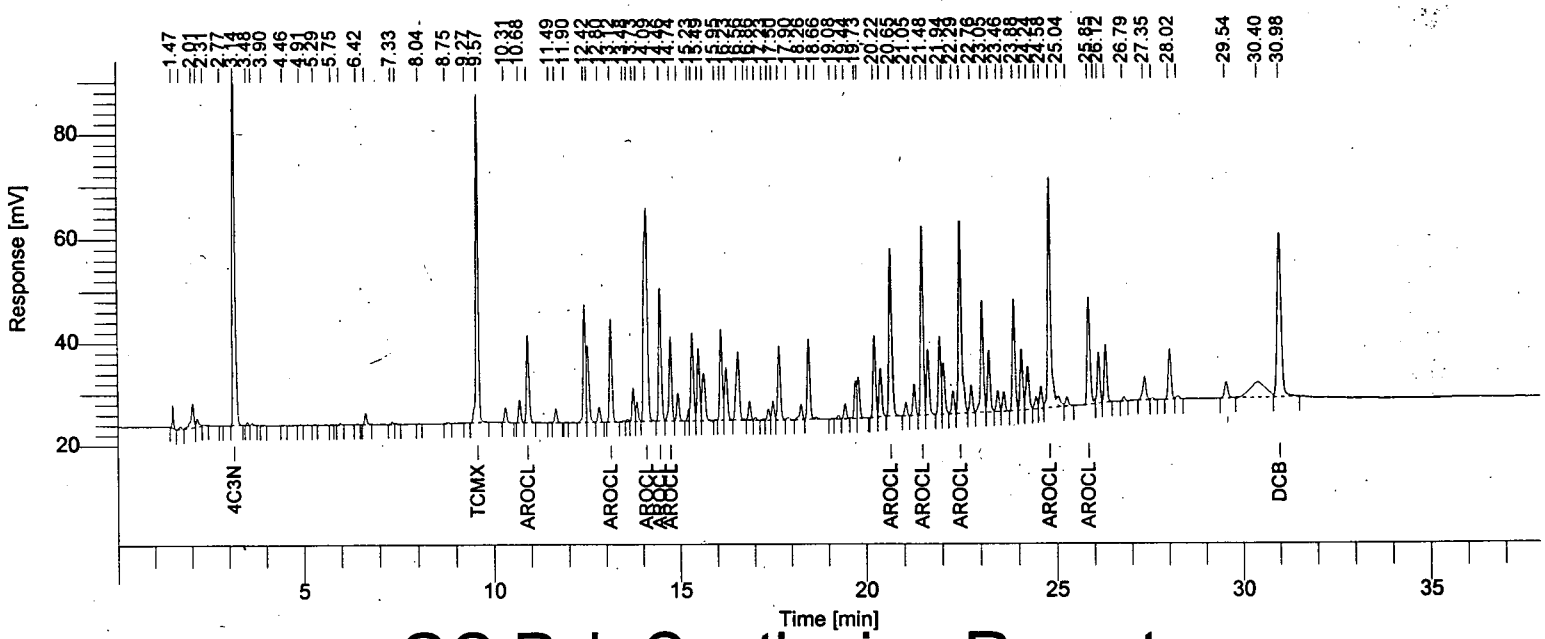

GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
7	3.14	4C3N	344371	0.0581	0.050	16.3
23	9.57	TCMX	266433	0.0222	0.020	10.8
	14.09	AR1016	666456	0.2210	0.200	10.5
	24.81	AR1260	918677	0.2218	0.200	10.9
101	30.98	DCB	239410	0.0222	0.020	11.2
			2435347	0.5454		

05/18/98 11:31:30 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
26	10.90	Aroclor 1016-1	77846	0.2232	0.000	-----
33	13.12	Aroclor 1016-2	93561	0.2240	0.000	-----
38	14.09	Aroclor 1016-3	293579	0.2193	0.000	-----
39	14.46	Aroclor 1016-4	123926	0.2214	0.000	-----
40	14.74	Aroclor 1016-5	77544	0.2214	0.000	-----
			666456	1.1092		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
68	20.65	Aroclor 1260-1	171415	0.2158	0.000	-----
71	21.48	Aroclor 1260-2	178766	0.2151	0.000	-----
76	22.48	Aroclor 1260-3	210998	0.2178	0.000	-----
87	24.81	Aroclor 1260-4	245811	0.2352	0.000	-----
90	25.85	Aroclor 1260-5	111688	0.2225	0.000	-----
			918677	1.1064		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:31:34 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 093	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/93
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 19:27:37 PM	Cycle	: 93

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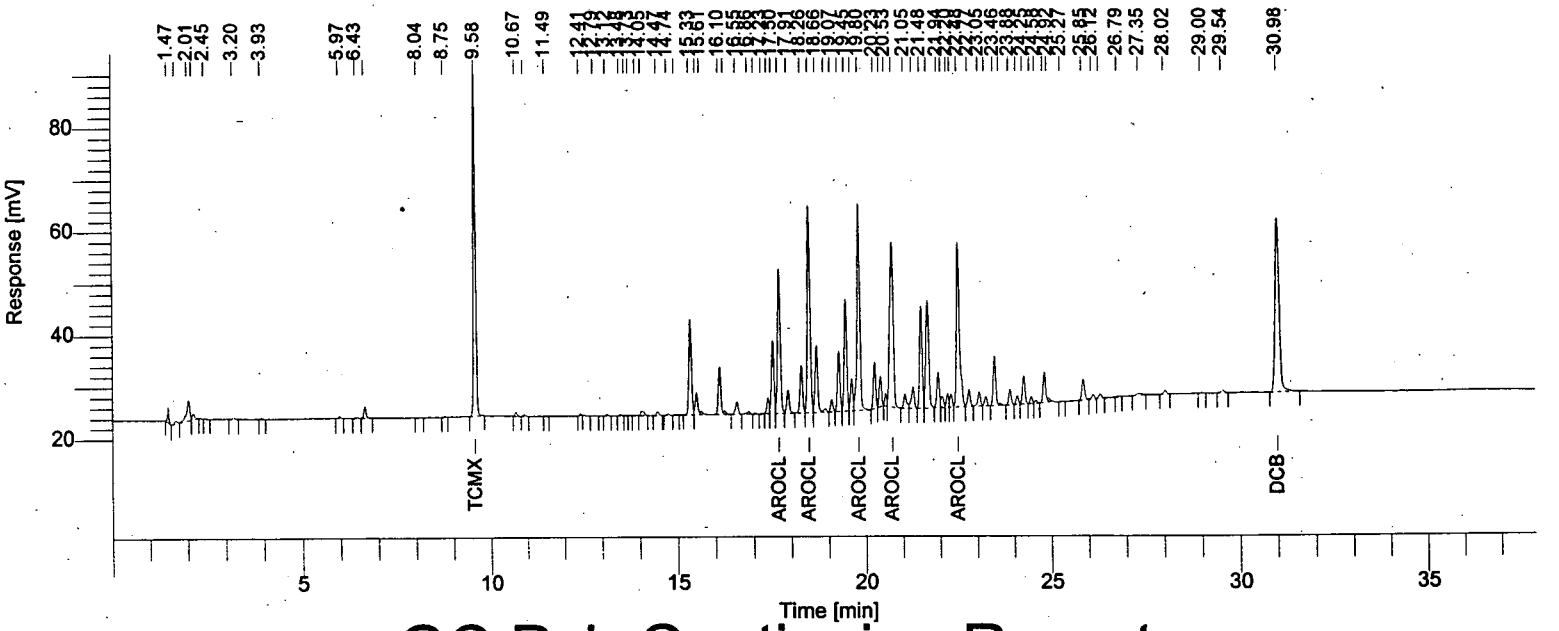

GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
13	9.58	TCMX	271015	0.0258	0.020	28.9
	18.47	AR1254	947484	0.2233	0.200	11.6
84	30.98	DCB	253483	0.0235	0.020	17.3
			1471982	0.2725		

05/18/98 11:31:34 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
39	17.67	Aroclor 1254-1	143458	0.2297	0.000	-----
42	18.47	Aroclor 1254-2	201752	0.2227	0.000	-----
49	19.80	Aroclor 1254-3	207061	0.2259	0.000	-----
53	20.70	Aroclor 1254-4	214727	0.2164	0.000	-----
62	22.48	Aroclor 1254-5	180487	0.2245	0.000	-----
			947484	1.1193		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:43:18 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 104	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/4
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/17/98 03:16:41 AM	Cycle	: 104

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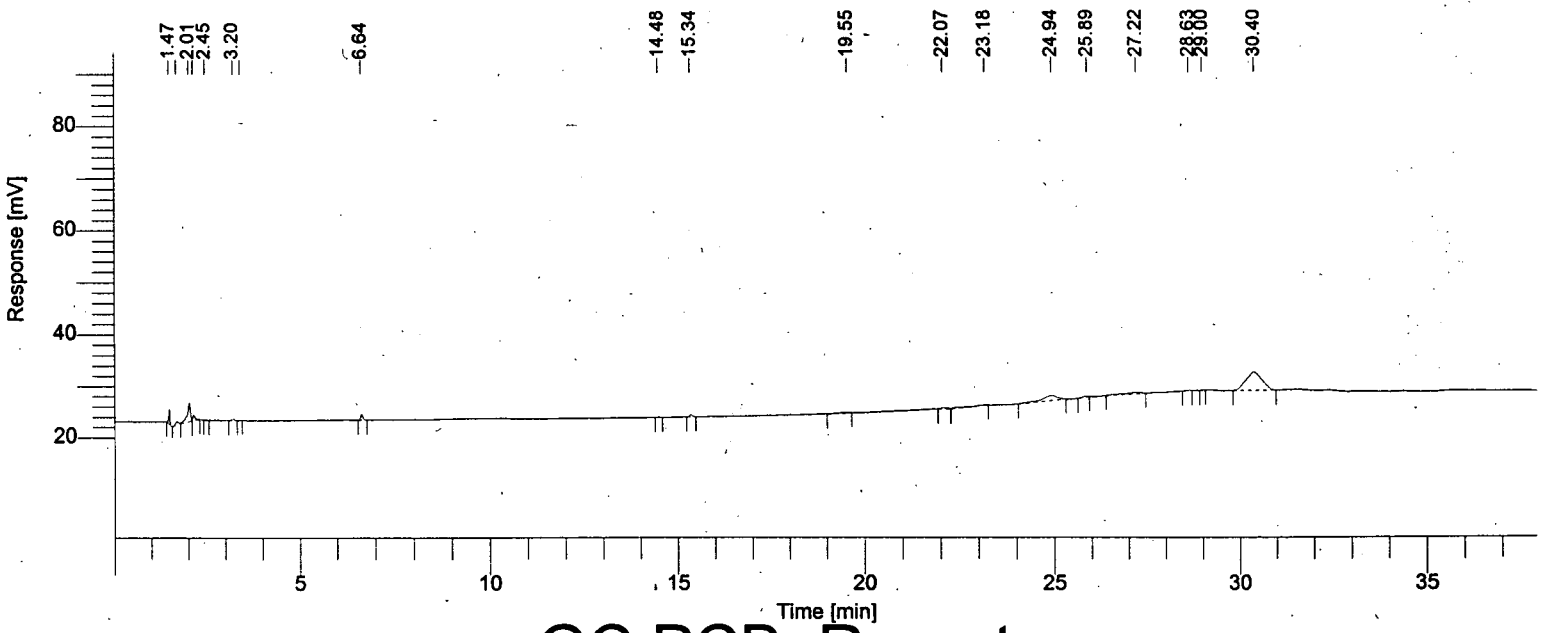
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

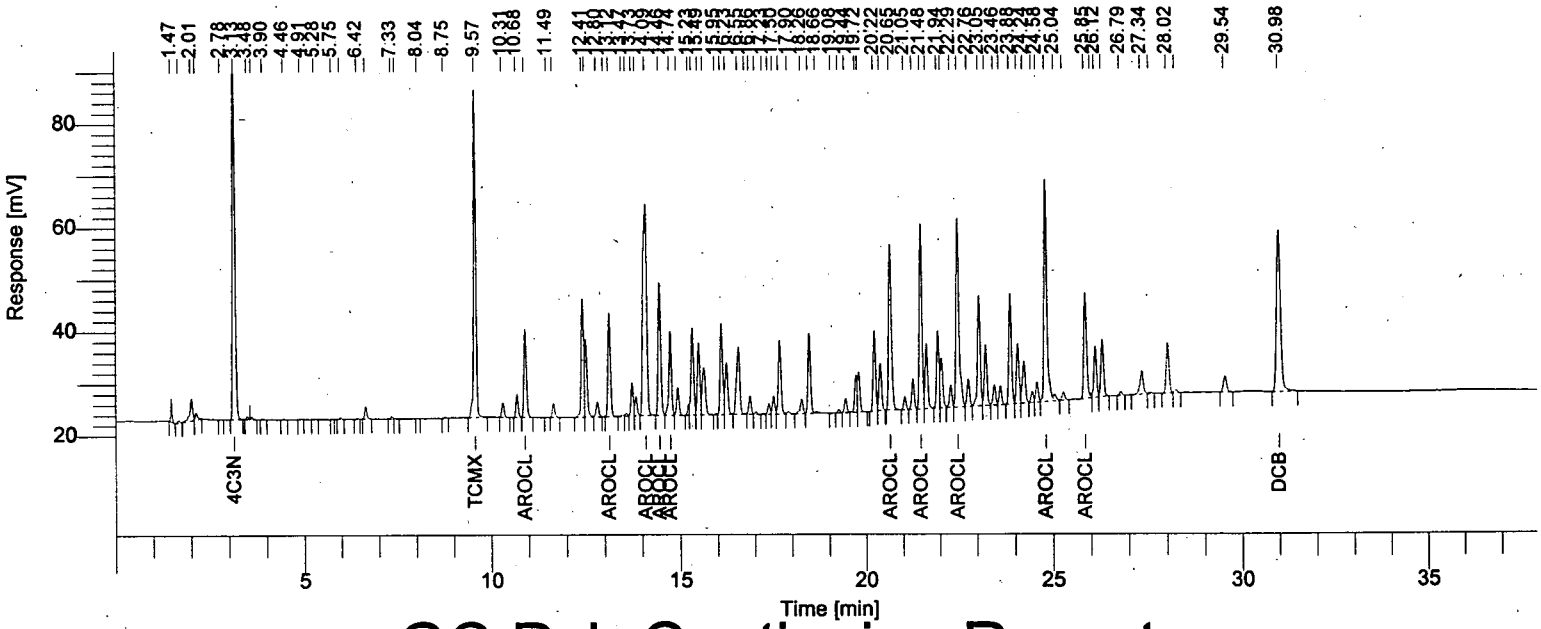
No peaks available to report

Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	17.66	Aroclor 1254-1	0	0.0000
0	18.46	Aroclor 1254-2	0	0.0000
0	19.79	Aroclor 1254-3	0	0.0000
0	20.69	Aroclor 1254-4	0	0.0000
0	22.47	Aroclor 1254-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:43:24 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 105	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/5
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/17/98 03:59:15 AM	Cycle	: 105

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_105.raw
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_105.rst
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_105.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
6	3.13	4C3N	341618	0.0577	0.050	15.3
21	9.57	TCMX	265597	0.0221	0.020	10.4
	14.09	AR1016	659546	0.2187	0.200	9.4
	24.81	AR1260	879101	0.2123	0.200	6.1
98	30.98	DCB	234152	0.0217	0.020	8.7
			2380015	0.5325		

05/18/98 11:43:24 AM Result:
\\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_105.rst

Group Report For : AR1016

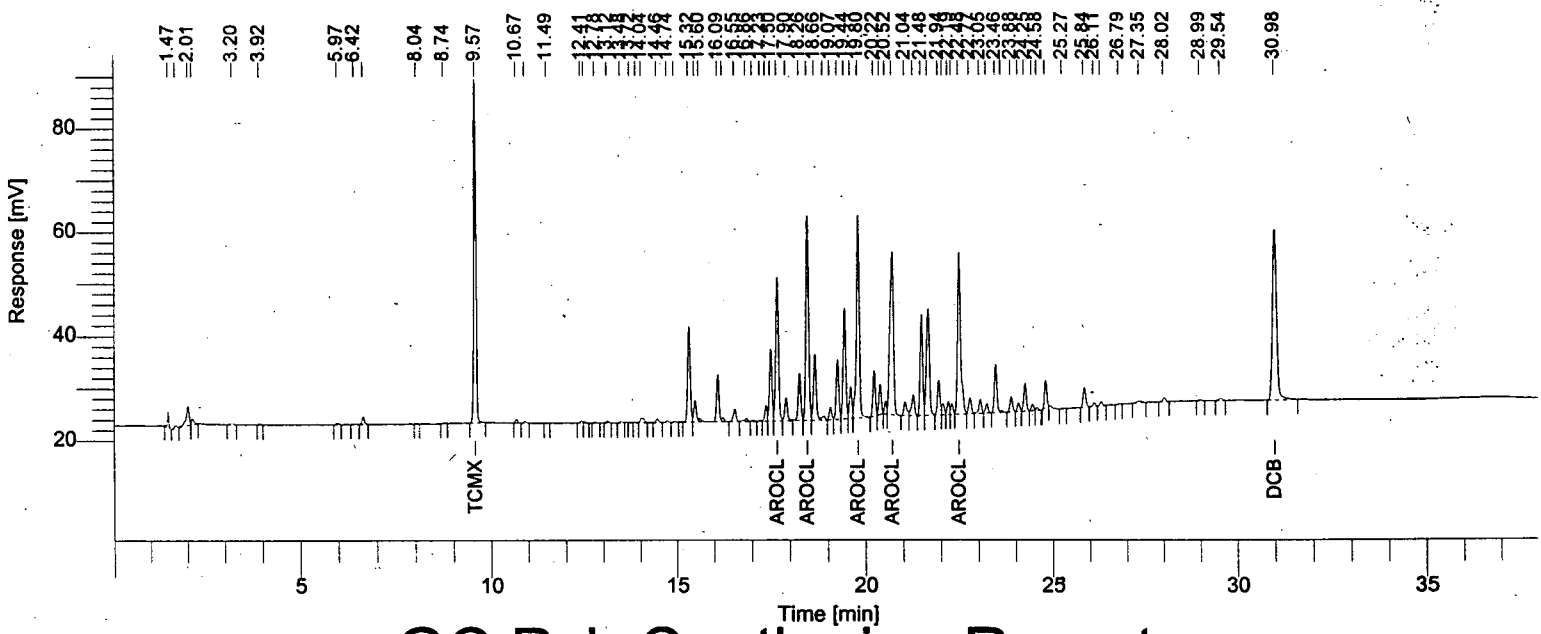
Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
24	10.90	Aroclor 1016-1	77693	0.2228	0.000	-----
31	13.12	Aroclor 1016-2	93289	0.2233	0.000	-----
36	14.09	Aroclor 1016-3	289931	0.2165	0.000	-----
37	14.46	Aroclor 1016-4	122299	0.2185	0.000	-----
38	14.74	Aroclor 1016-5	76333	0.2180	0.000	-----
			659546	1.0990		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
66	20.65	Aroclor 1260-1	167637	0.2110	0.000	-----
69	21.48	Aroclor 1260-2	174498	0.2100	0.000	-----
74	22.48	Aroclor 1260-3	204648	0.2113	0.000	-----
85	24.81	Aroclor 1260-4	223229	0.2136	0.000	-----
88	25.85	Aroclor 1260-5	109091	0.2173	0.000	-----
			879101	1.0632		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:43:31 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 106	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/6
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/17/98 04:41:50 AM	Cycle	: 106

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_106.raw
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_106.rst
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_106.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC Pcb Continuing Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
12	9.57	TCMX	267961	0.0255	0.020	27.4
	18.46	AR1254	931066	0.2194	0.200	9.7
82	30.98	DCB	248090	0.0230	0.020	14.8
			1447116	0.2679		

05/18/98 11:43:31 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
38	17.67	Aroclor 1254-1	141373	0.2264	0.000	----
41	18.46	Aroclor 1254-2	199260	0.2200	0.000	----
48	19.80	Aroclor 1254-3	203286	0.2218	0.000	----
52	20.70	Aroclor 1254-4	210557	0.2122	0.000	----
61	22.48	Aroclor 1254-5	176591	0.2197	0.000	----
			931066	1.1000		

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:58:06 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 039	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/39
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/14/98 22:39:19 PM	Cycle	: 39

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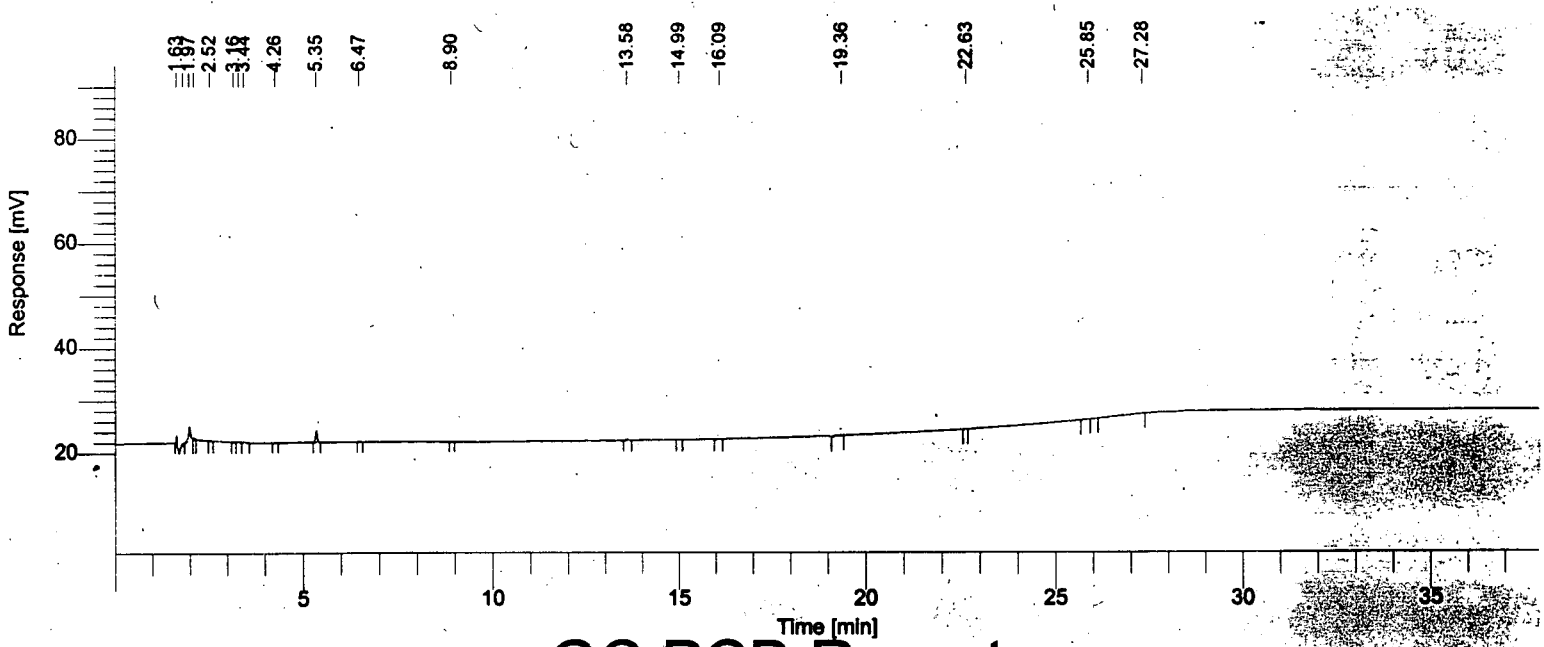
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_039.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

No peaks available to report

Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	10.66	Aroclor 1016-1	0	0.0000
0	12.23	Aroclor 1016-2	0	0.0000
0	13.71	Aroclor 1016-3	0	0.0000
0	14.24	Aroclor 1016-4	0	0.0000
0	14.69	Aroclor 1016-5	0	0.0000

05/18/98 10:58:06 AM Result:
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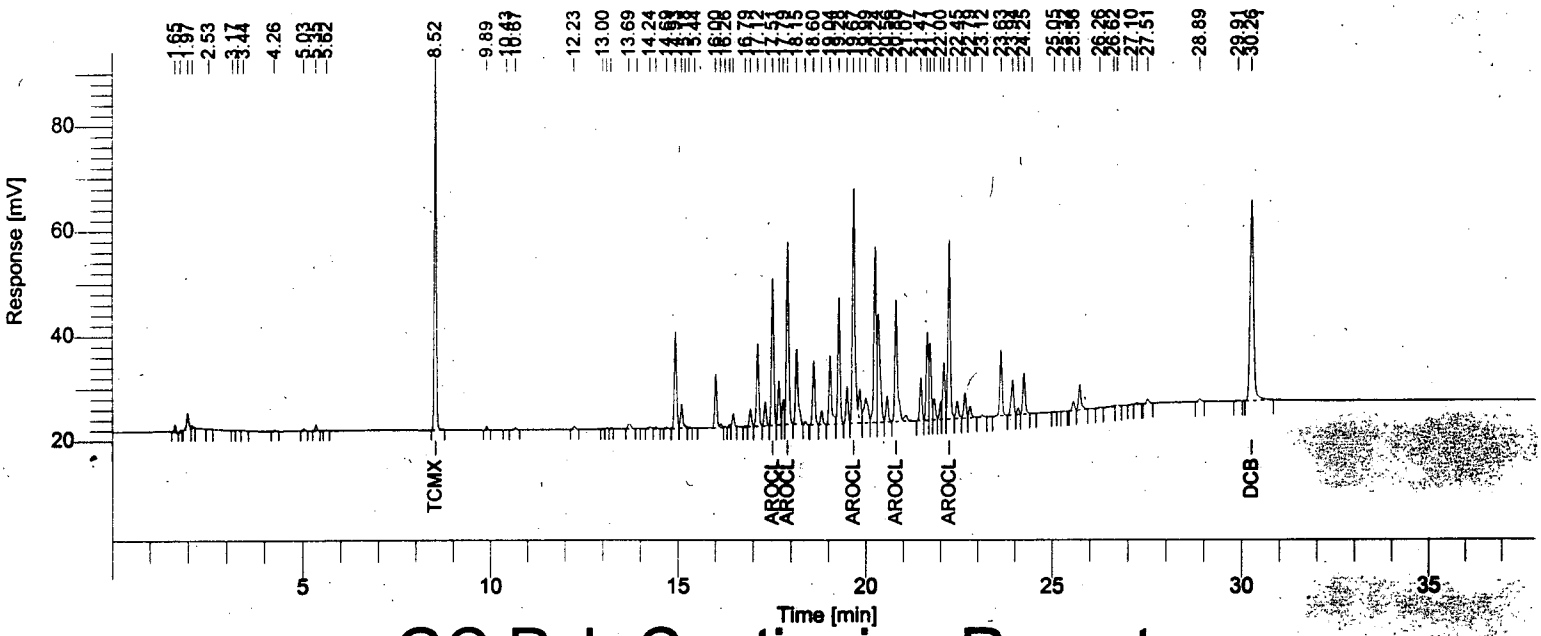
Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	20.33	Aroclor 1260-1	0	0.0000
0	20.80	Aroclor 1260-2	0	0.0000
0	22.23	Aroclor 1260-3	0	0.0000
0	23.62	Aroclor 1260-4	0	0.0000
0	24.24	Aroclor 1260-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:58:11 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 040	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/40
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/14/98 23:21:55 PM	Cycle	: 40

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_040.raw
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_040.rst
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from
\\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_040.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
13	8.52	TCMX	255840	0.0236	0.020	18.1
	19.67	AR1254	754234	0.2054	0.200	2.7
87	30.26	DCB	250172	0.0217	0.020	8.5
			1260245	0.2507		

05/18/98 10:58:11 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
40	17.51	Aroclor 1254-1	120532	0.2049	0.000	-----
43	17.91	Aroclor 1254-2	153304	0.2021	0.000	-----
51	19.67	Aroclor 1254-3	213327	0.2080	0.000	-----
57	20.80	Aroclor 1254-4	115474	0.2043	0.000	-----
65	22.23	Aroclor 1254-5	151596	0.2065	0.000	-----
			754234	1.0259		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:10:56 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 041	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/41
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/15/98 00:04:36 AM	Cycle	: 41

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_041.raw
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_041.rst
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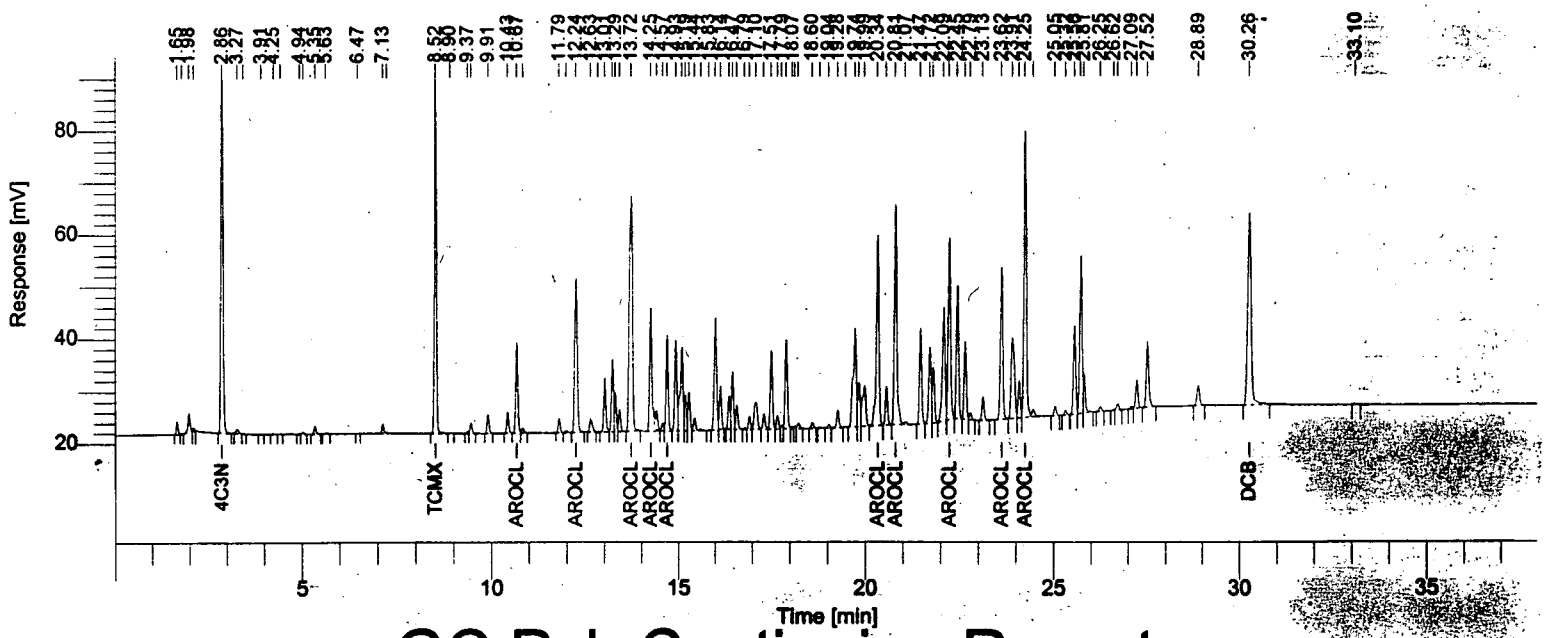
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
5	2.86	4C3N	302515	0.0578	0.050	15.7
18	8.52	TCMX	243945	0.0210	0.020	5.2
	13.72	AR1016	669429	0.2174	0.200	8.7
	24.25	AR1260	897016	0.2046	0.200	2.3
101	30.26	DCB	239025	0.0213	0.020	6.5
			2351929	0.5223		

05/18/98 11:10:56 AM Result:
\\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_041.rst

Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
24	10.67	Aroclor 1016-1	68058	0.2205	0.000	----
28	12.24	Aroclor 1016-2	144482	0.2108	0.000	----
35	13.72	Aroclor 1016-3	276388	0.2215	0.000	----
36	14.25	Aroclor 1016-4	106810	0.2143	0.000	----
39	14.69	Aroclor 1016-5	73692	0.2180	0.000	----
			669429	1.0850		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
71	20.34	Aroclor 1260-1	176163	0.2035	0.000	----
73	20.81	Aroclor 1260-2	194604	0.2046	0.000	----
79	22.23	Aroclor 1260-3	153696	0.2033	0.000	----
84	23.62	Aroclor 1260-4	129382	0.2026	0.000	----
87	24.25	Aroclor 1260-5	243170	0.2075	0.000	----
			897016	1.0215		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:11:48 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 052	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/52
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/15/98 14:18:53 PM	Cycle	: 52

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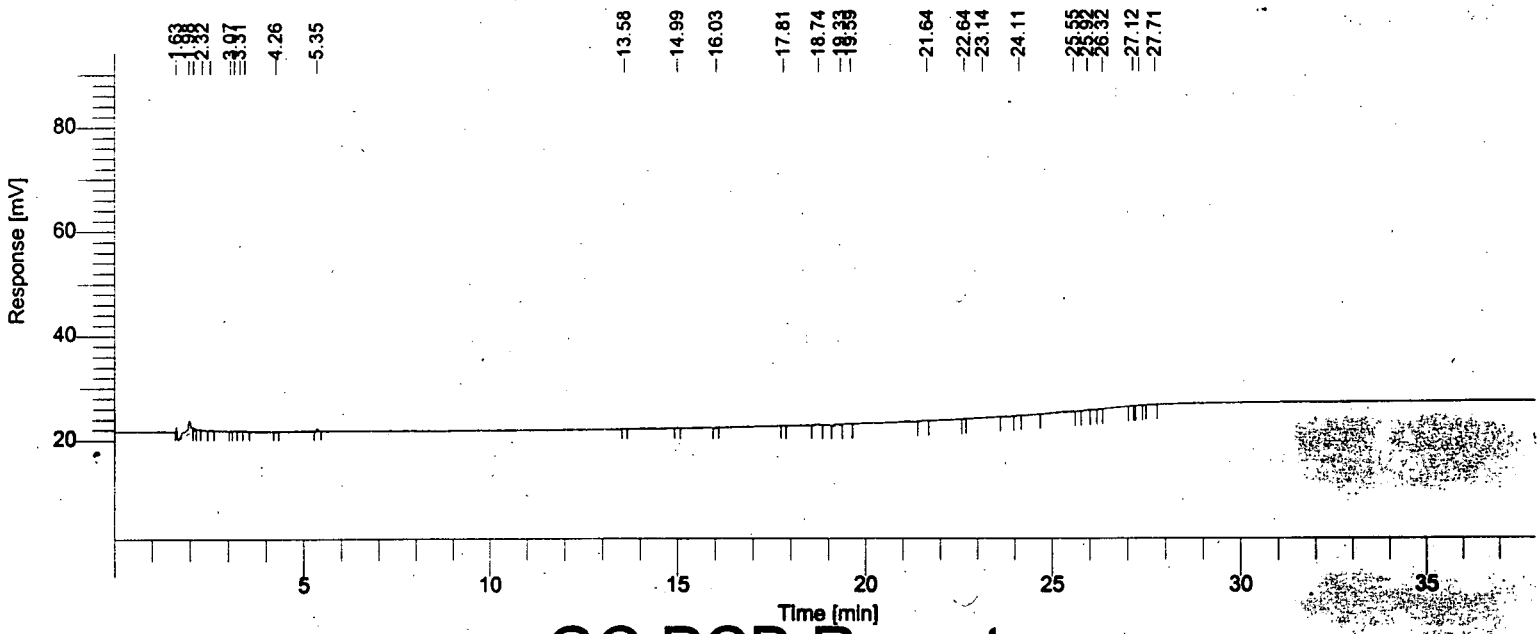
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_052.rst
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_052.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

No peaks available to report

Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	10.66	Aroclor 1016-1	0	0.0000
0	12.23	Aroclor 1016-2	0	0.0000
0	13.71	Aroclor 1016-3	0	0.0000
0	14.24	Aroclor 1016-4	0	0.0000
0	14.69	Aroclor 1016-5	0	0.0000

05/18/98 11:11:48 AM Result:
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Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	20.33	Aroclor 1260-1	0	0.0000
0	20.80	Aroclor 1260-2	0	0.0000
0	22.23	Aroclor 1260-3	0	0.0000
0	23.62	Aroclor 1260-4	0	0.0000
0	24.24	Aroclor 1260-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/19/98 13:32:19 PM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 053	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/53
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.95 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/15/98 15:01:20 PM	Cycle	: 53

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_053.raw
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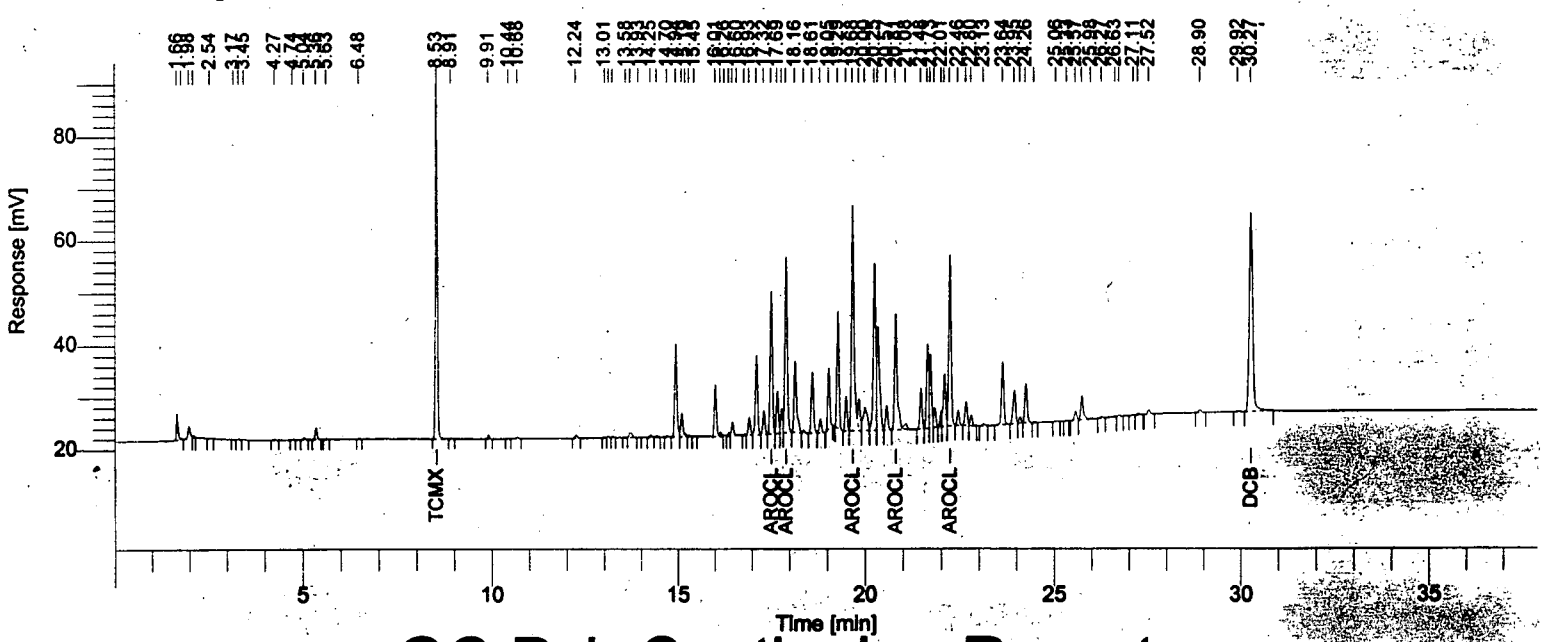
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_053.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
15	8.53	TCMX	248584	0.0229	0.020	14.7
	19.68	AR1254	722654	0.1968	0.200	-1.6
93	30.27	DCB	248250	0.0215	0.020	7.6
			1219488	0.2413		

05/19/98 13:32:19 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
45	17.52	Aroclor 1254-1	116795	0.1986	0.000	----
48	17.92	Aroclor 1254-2	148235	0.1954	0.000	----
56	19.68	Aroclor 1254-3	203542	0.1984	0.000	----
62	20.81	Aroclor 1254-4	112191	0.1985	0.000	----
70	22.24	Aroclor 1254-5	141891	0.1933	0.000	----
			722654	0.9842		

Software Version	: 6.0.2:G11	Date	: 05/19/98 13:32:22 PM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 054	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/54
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/15/98 15:44:01 PM	Cycle	: 54

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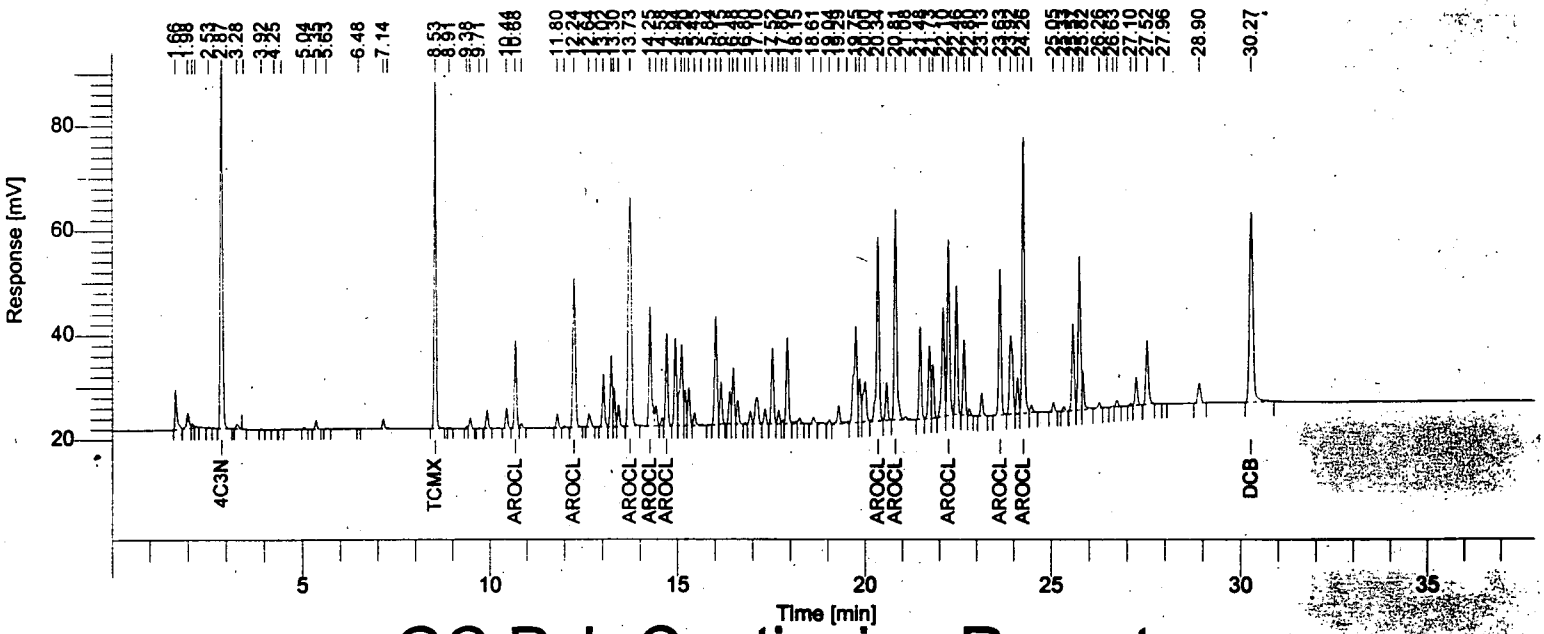
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_054.rst
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_054.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
6	2.87	4C3N	303771	0.0581	0.050	16.2
18	8.53	TCMX	235429	0.0203	0.020	1.6
	13.73	AR1016	653066	0.2121	0.200	6.1
	24.26	AR1260	866105	0.1976	0.200	-1.2
103	30.27	DCB	238068	0.0212	0.020	6.1
			2296439	0.5093		

05/19/98 13:32:22 PM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
25	10.68	Aroclor 1016-1	66469	0.2154	0.000	----
29	12.24	Aroclor 1016-2	141032	0.2057	0.000	----
36	13.73	Aroclor 1016-3	268980	0.2155	0.000	----
37	14.25	Aroclor 1016-4	105096	0.2108	0.000	----
40	14.70	Aroclor 1016-5	71489	0.2115	0.000	----
			653066	1.0589		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
71	20.34	Aroclor 1260-1	170702	0.1972	0.000	----
73	20.81	Aroclor 1260-2	187000	0.1966	0.000	----
79	22.24	Aroclor 1260-3	147621	0.1953	0.000	----
84	23.63	Aroclor 1260-4	125319	0.1962	0.000	----
87	24.26	Aroclor 1260-5	235463	0.2009	0.000	----
			866105	0.9862		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:19:47 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 065	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/65
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/15/98 23:33:14 PM	Cycle	: 65

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Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_065.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
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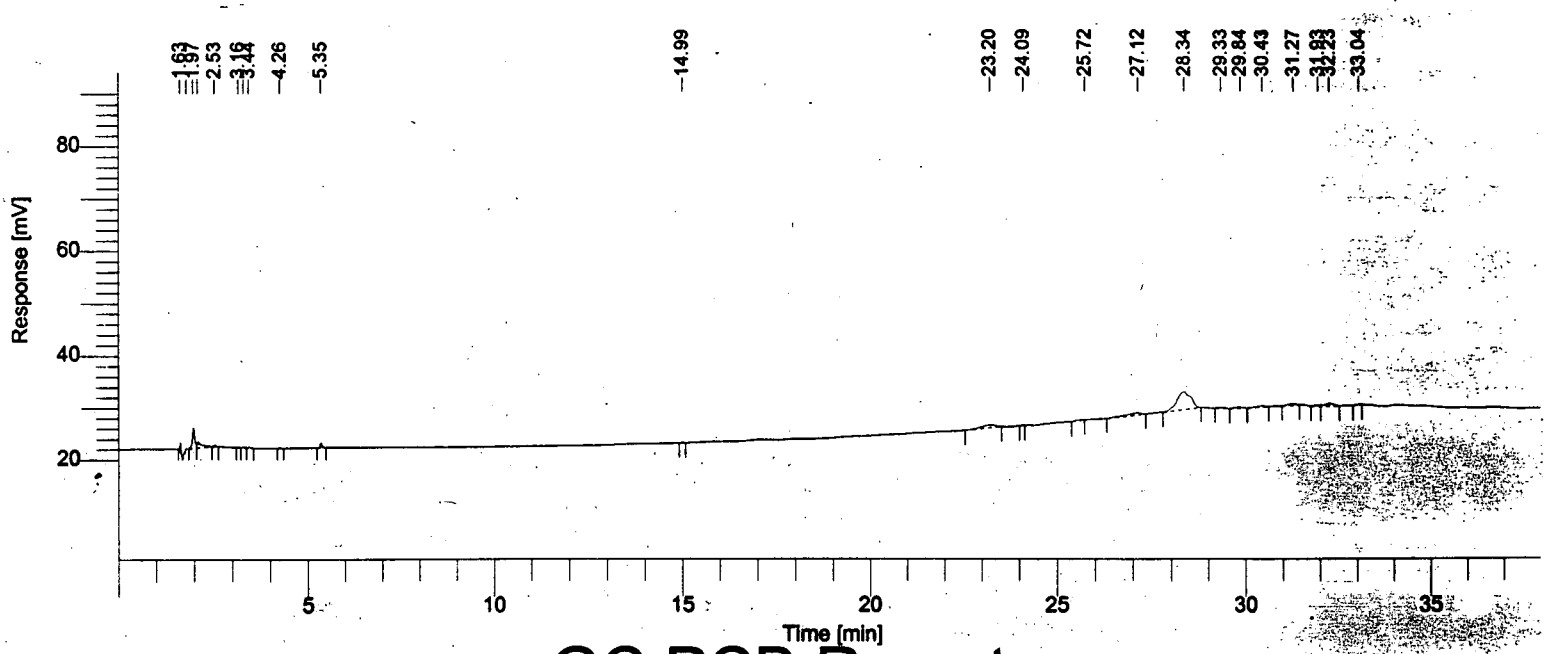

GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

No peaks available to report

Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	17.50	Aroclor 1254-1	0	0.0000
0	17.90	Aroclor 1254-2	0	0.0000
0	19.66	Aroclor 1254-3	0	0.0000
0	20.80	Aroclor 1254-4	0	0.0000
0	22.22	Aroclor 1254-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:19:52 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 066	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/66
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.98 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 00:15:56 AM	Cycle	: 66

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_066.raw
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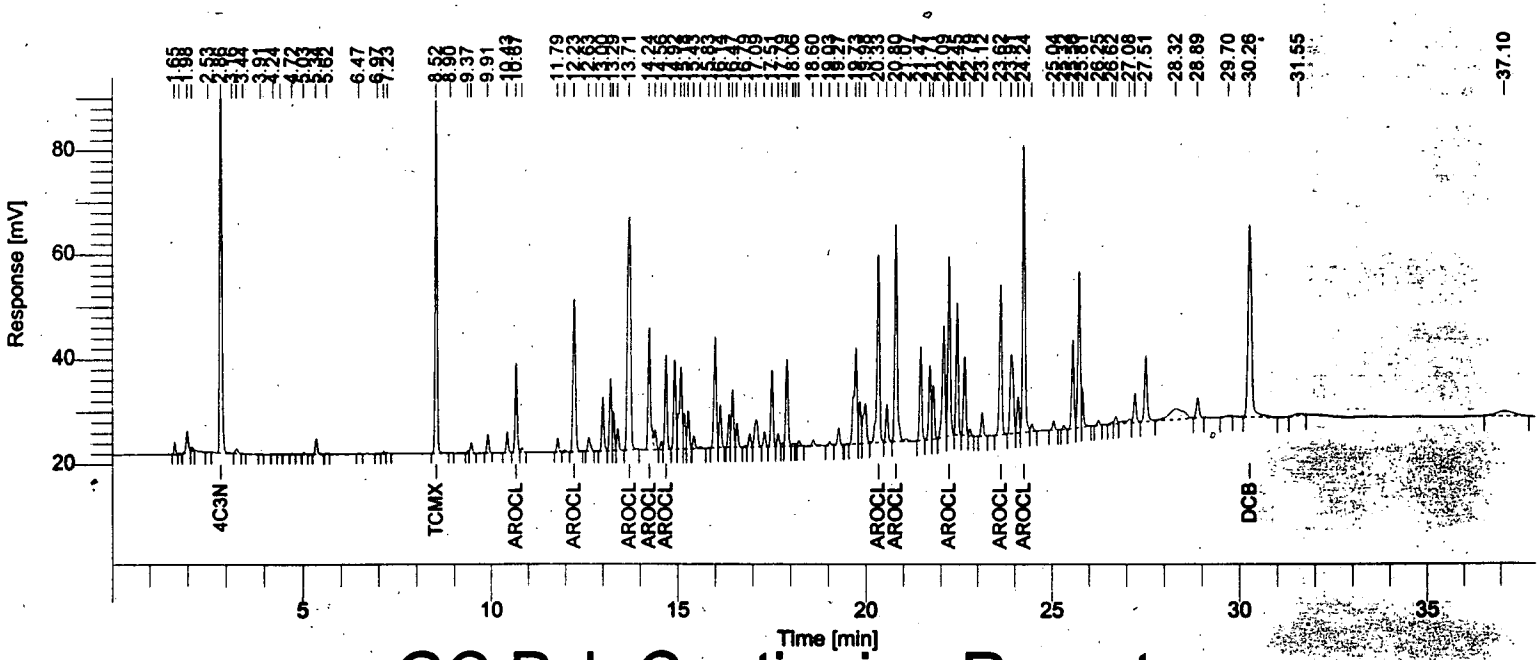
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_066.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
6	2.86	4C3N	307221	0.0587	0.050	17.5
21	8.52	TCMX	241066	0.0208	0.020	4.0
	13.71	AR1016	659180	0.2141	0.200	7.1
	24.24	AR1260	880805	0.2009	0.200	0.5
106	30.26	DCB	245574	0.0219	0.020	9.5
			2333846	0.5165		

05/18/98 11:19:52 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
27	10.67	Aroclor 1016-1	67001	0.2171	0.000	----
31	12.23	Aroclor 1016-2	142662	0.2081	0.000	----
38	13.71	Aroclor 1016-3	271753	0.2177	0.000	----
39	14.24	Aroclor 1016-4	105752	0.2122	0.000	----
42	14.69	Aroclor 1016-5	72012	0.2130	0.000	----
			659180	1.0681		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
74	20.33	Aroclor 1260-1	171571	0.1982	0.000	----
76	20.80	Aroclor 1260-2	189812	0.1995	0.000	----
82	22.23	Aroclor 1260-3	150684	0.1993	0.000	----
87	23.62	Aroclor 1260-4	127551	0.1997	0.000	----
90	24.24	Aroclor 1260-5	241186	0.2058	0.000	----
			880805	1.0026		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:19:56 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 067	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/67
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 00:58:34 AM	Cycle	: 67

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Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
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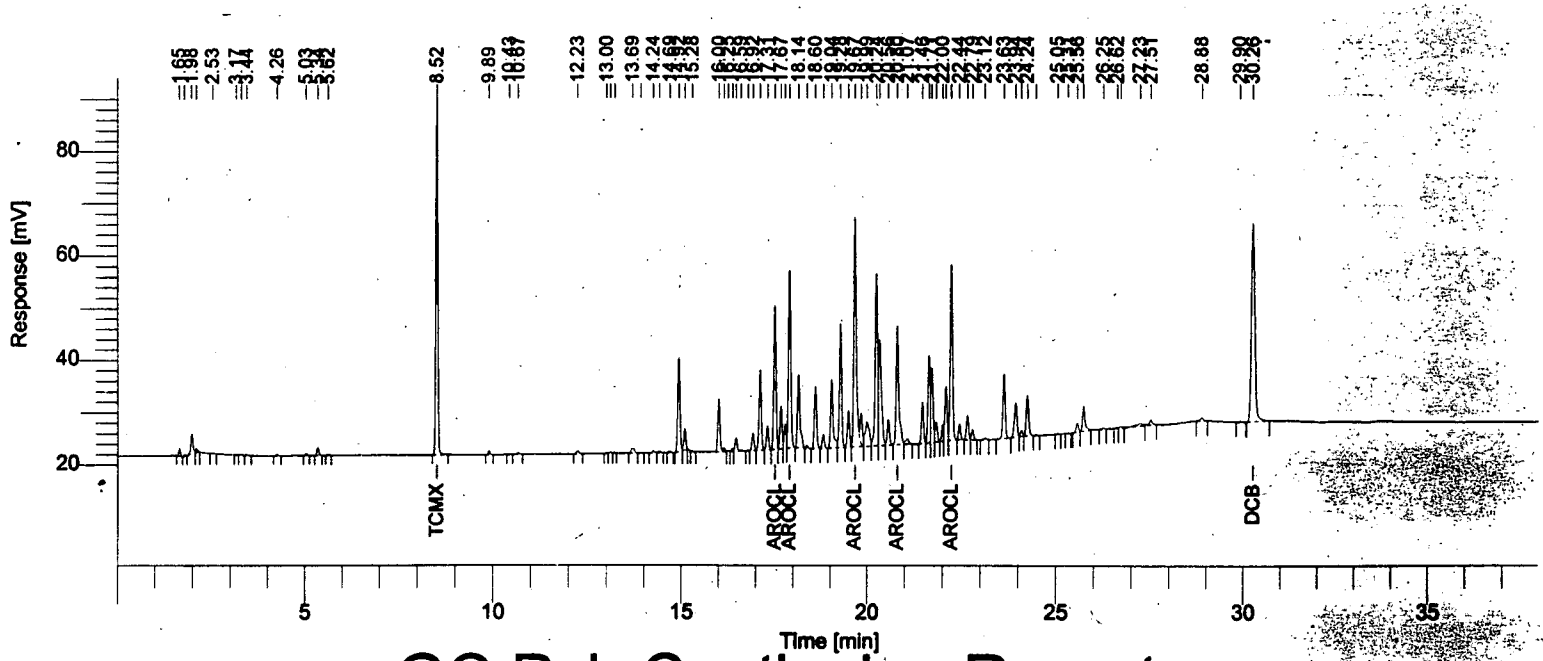

GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
13	8.52	TCMX	252083	0.0233	0.020	16.3
	19.67	AR1254	732204	0.1994	0.200	-0.3
85	30.26	DCB	244985	0.0212	0.020	6.2
			1229272	0.2439		

05/18/98 11:19:56 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
39	17.51	Aroclor 1254-1	116889	0.1987	0.000	—
42	17.90	Aroclor 1254-2	149069	0.1965	0.000	—
50	19.67	Aroclor 1254-3	209189	0.2039	0.000	—
56	20.80	Aroclor 1254-4	112249	0.1986	0.000	—
64	22.23	Aroclor 1254-5	144809	0.1973	0.000	—
			732204	0.9951		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:20:55 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 078	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/78
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.98 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 08:47:36 AM	Cycle	: 78

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Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
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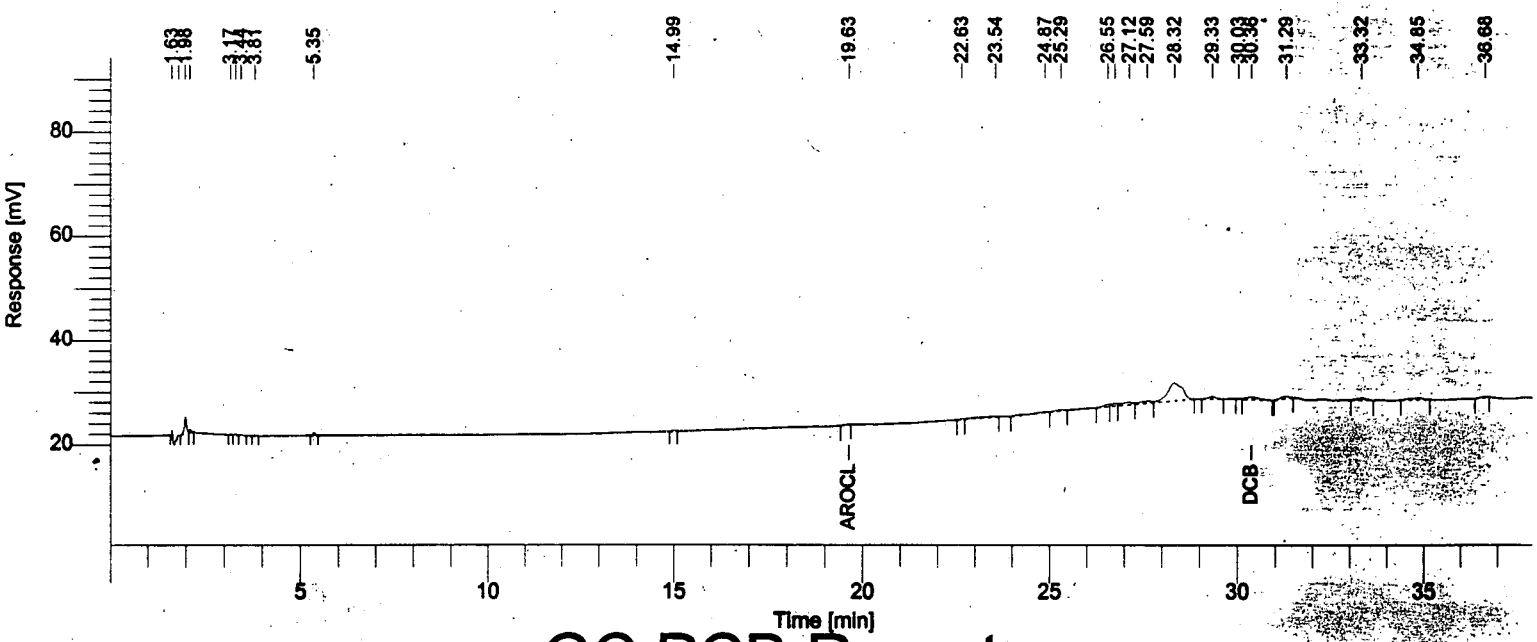

GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	19.63	AR1254	789	0.0002
23	30.36	DCB	11440	0.0010

05/18/98 11:20:55 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	17.50	Aroclor 1254-1	0	0.0000
0	17.90	Aroclor 1254-2	0	0.0000
11	19.63	Aroclor 1254-3	789	0.0008
0	20.80	Aroclor 1254-4	0	0.0000
0	22.22	Aroclor 1254-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:20:59 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 079	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/79
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 09:30:19 AM	Cycle	: 79

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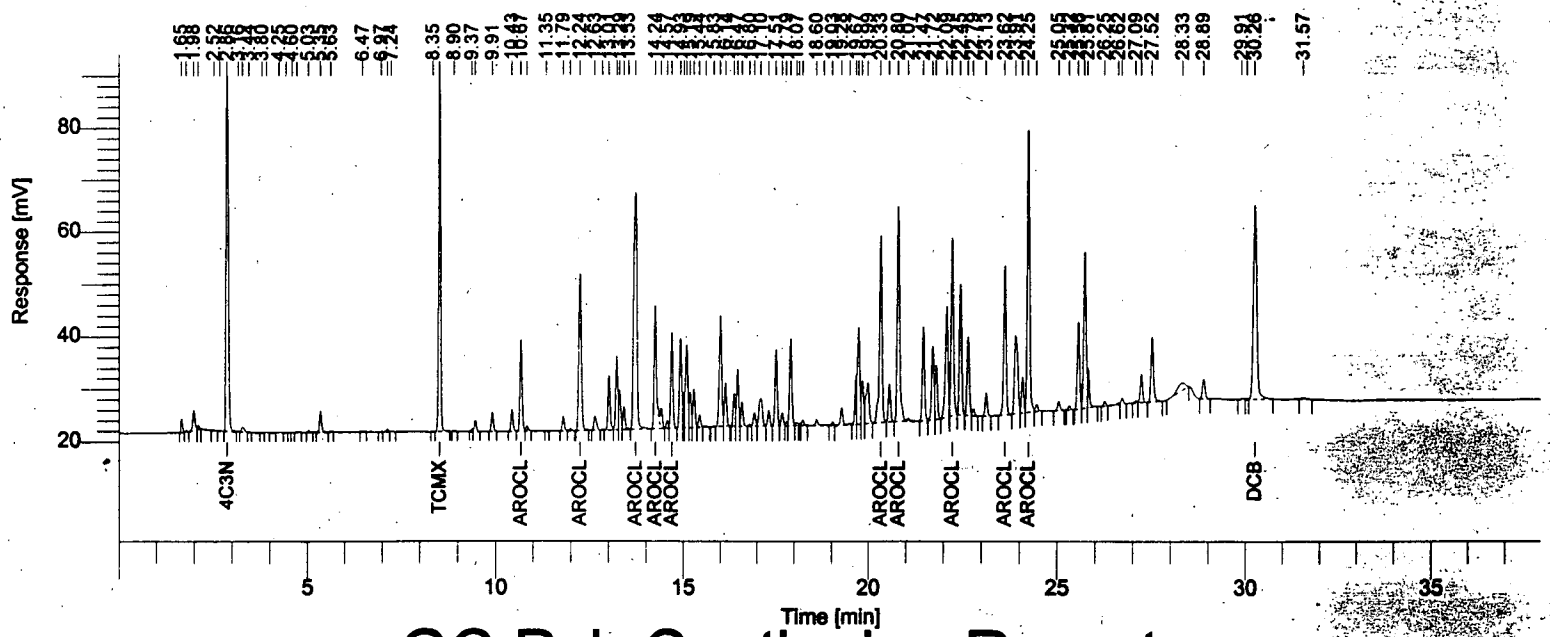
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
7	2.86	4C3N	302346	0.0578	0.050	15.6
25	8.52	TCMX	246723	0.0213	0.020	6.4
	13.72	AR1016	673663	0.2188	0.200	9.4
	24.25	AR1260	878869	0.2005	0.200	0.3
115	30.26	DCB	239841	0.0214	0.020	6.9
			2341442	0.5198		

05/18/98 11:20:59 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
31	10.67	Aroclor 1016-1	68588	0.2222	0.000	---
36	12.24	Aroclor 1016-2	145245	0.2119	0.000	---
44	13.72	Aroclor 1016-3	280093	0.2244	0.000	---
45	14.24	Aroclor 1016-4	107558	0.2158	0.000	---
48	14.69	Aroclor 1016-5	72179	0.2135	0.000	---
			673663	1.0878		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
82	20.33	Aroclor 1260-1	172887	0.1998	0.000	---
84	20.80	Aroclor 1260-2	189529	0.1992	0.000	---
90	22.23	Aroclor 1260-3	150131	0.1986	0.000	---
95	23.62	Aroclor 1260-4	127187	0.1991	0.000	---
98	24.25	Aroclor 1260-5	239136	0.2041	0.000	---
			878869	1.0008		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:21:04 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 080	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/80
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.97 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 10:13:02 AM	Cycle	: 80

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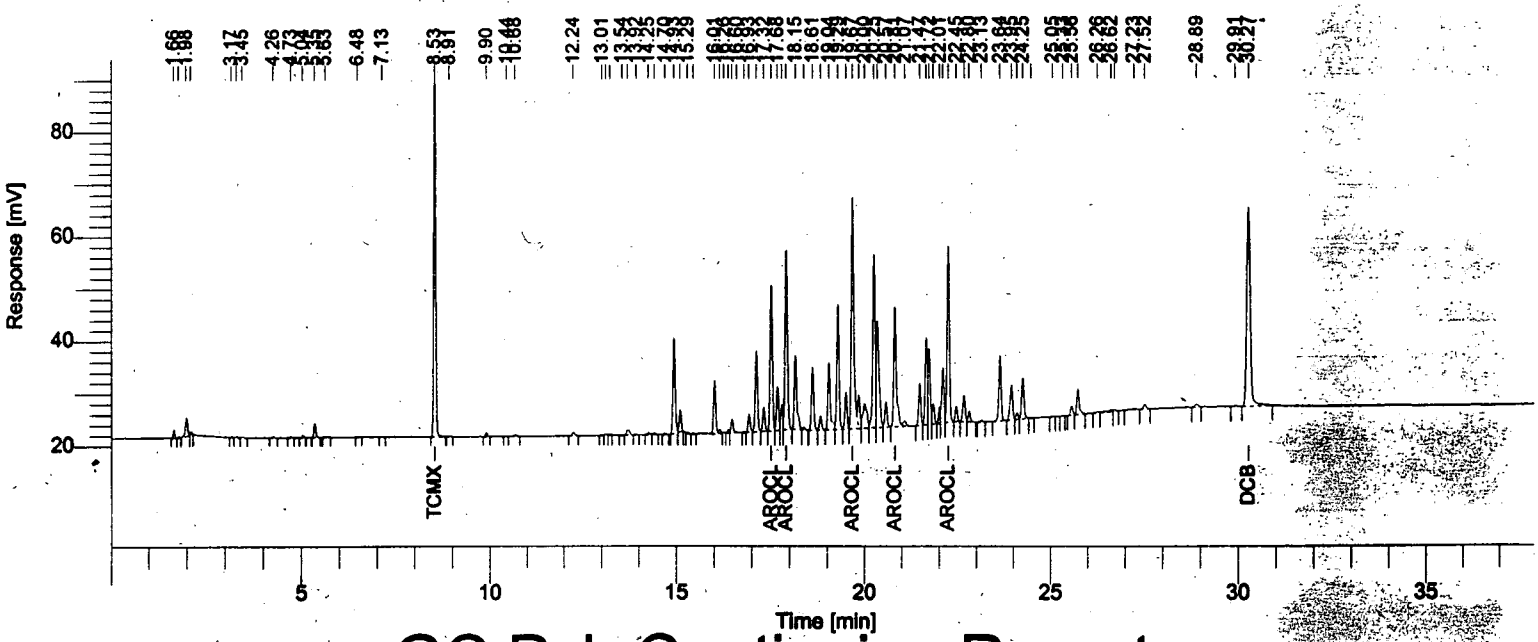

GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
15	8.53	TCMX	257801	0.0238	0.020	19.0
	19.67	AR1254	736745	0.2007	0.200	0.3
90	30.27	DCB	250272	0.0217	0.020	8.5
			1244818	0.2462		

05/18/98 11:21:04 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
44	17.52	Aroclor 1254-1	118465	0.2014	0.000	----
47	17.91	Aroclor 1254-2	150265	0.1981	0.000	----
55	19.67	Aroclor 1254-3	209817	0.2045	0.000	----
61	20.81	Aroclor 1254-4	113761	0.2013	0.000	----
69	22.24	Aroclor 1254-5	144436	0.1968	0.000	----
			736745	1.0021		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:31:28 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 091	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/91
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 18:02:15 PM	Cycle	: 91

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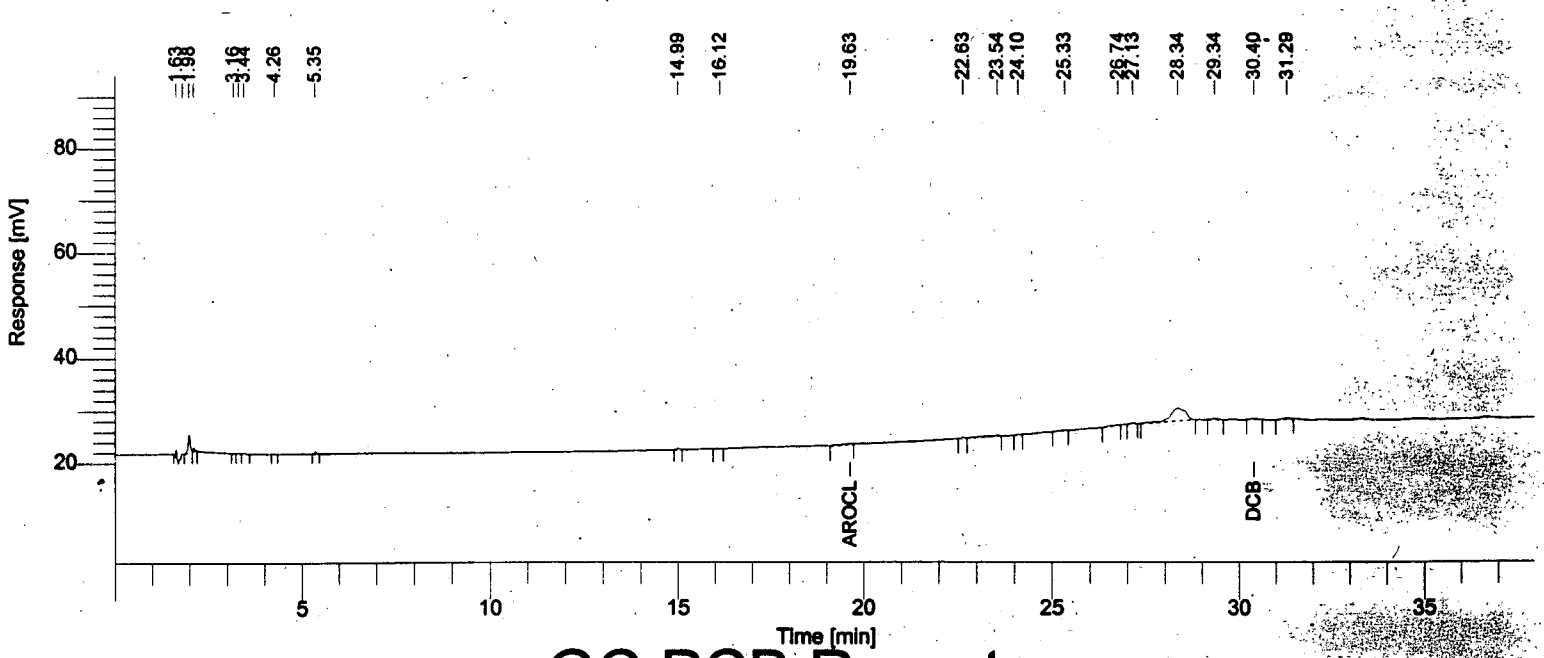

GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	19.63	AR1254	4351	0.0012
21	30.40	DCB	2687	0.0002

05/18/98 11:31:28 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	17.50	Aroclor 1254-1	0	0.0000
0	17.90	Aroclor 1254-2	0	0.0000
12	19.63	Aroclor 1254-3	4351	0.0042
0	20.80	Aroclor 1254-4	0	0.0000
0	22.22	Aroclor 1254-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:31:32 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 092	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/92
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 18:44:57 PM	Cycle	: 92

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_092.raw
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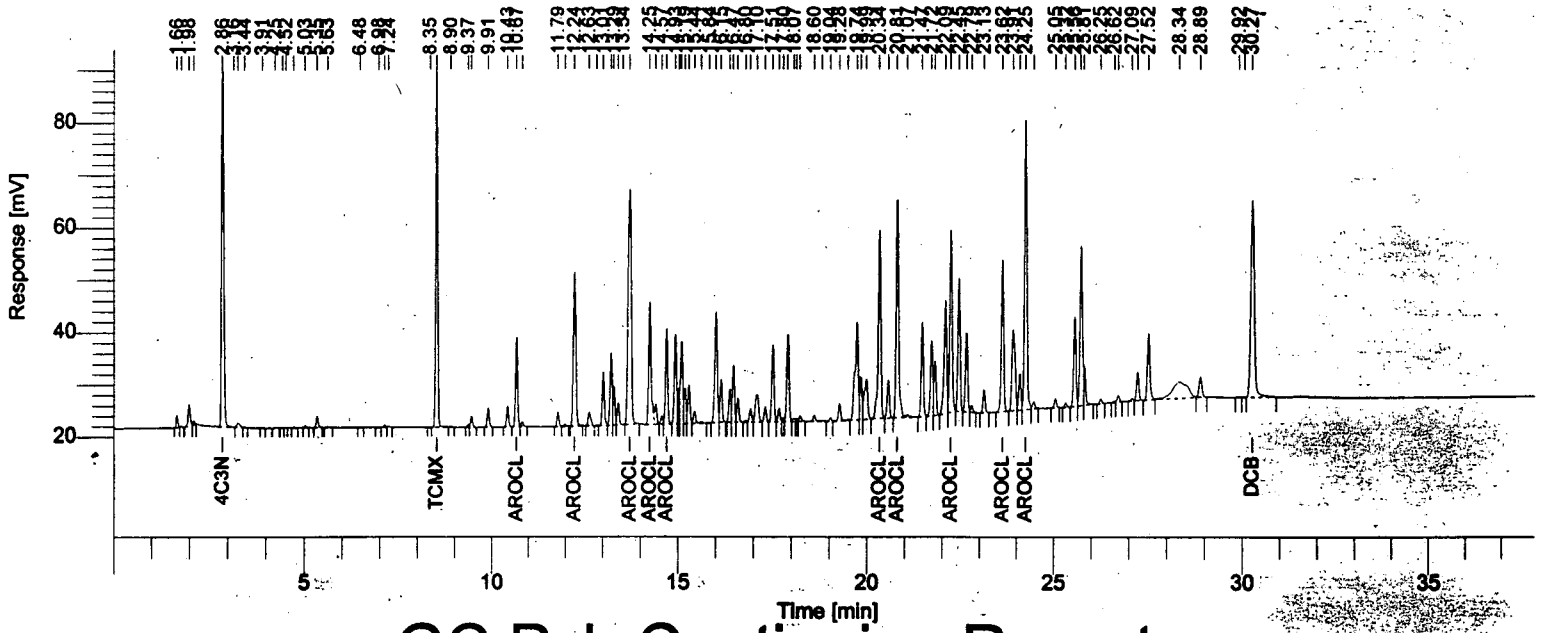
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_092.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
5	2.86	4C3N	293833	0.0562	0.050	12.4
22	8.52	TCMX	244462	0.0211	0.020	5.5
	13.72	AR1016	666602	0.2165	0.200	8.3
	24.25	AR1260	891832	0.2035	0.200	1.7
110	30.27	DCB	246328	0.0220	0.020	9.8
			2343056	0.5192		

05/18/98 11:31:32 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
28	10.67	Aroclor 1016-1	67969	0.2202	0.000	-----
32	12.24	Aroclor 1016-2	144366	0.2106	0.000	-----
40	13.72	Aroclor 1016-3	274668	0.2201	0.000	-----
41	14.25	Aroclor 1016-4	107019	0.2147	0.000	-----
44	14.70	Aroclor 1016-5	72579	0.2147	0.000	-----
			666602	1.0803		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
77	20.34	Aroclor 1260-1	174248	0.2013	0.000	-----
79	20.81	Aroclor 1260-2	191984	0.2018	0.000	-----
85	22.23	Aroclor 1260-3	152656	0.2020	0.000	-----
90	23.62	Aroclor 1260-4	129464	0.2027	0.000	-----
93	24.25	Aroclor 1260-5	243479	0.2078	0.000	-----
			891832	1.0155		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:31:37 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 093	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/93
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 19:27:37 PM	Cycle	: 93

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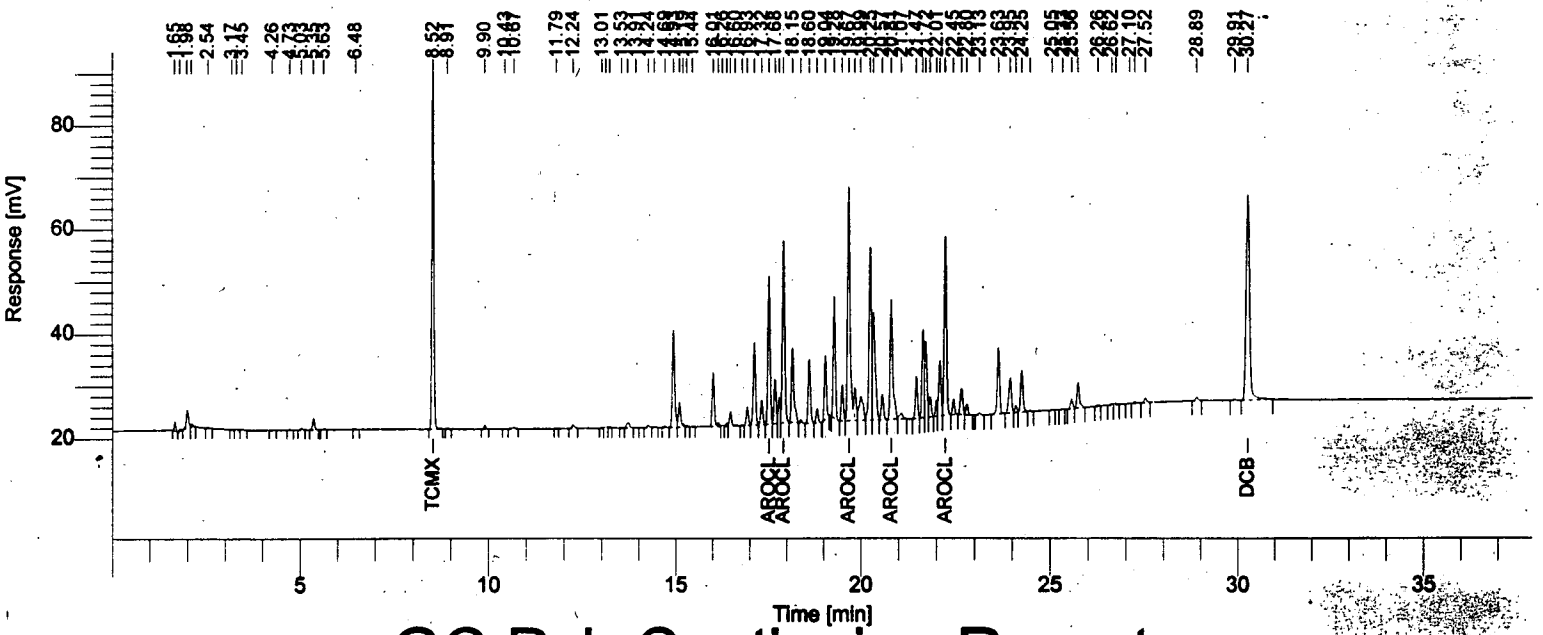
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
15	8.52	TCMX	258559	0.0239	0.020	19.3
	19.67	AR1254	746356	0.2033	0.200	1.6
93	30.27	DCB	256655	0.0223	0.020	11.3
			1261571	0.2494		

05/18/98 11:31:37 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
46	17.51	Aroclor 1254-1	120830	0.2054	0.000	---
49	17.91	Aroclor 1254-2	152812	0.2015	0.000	---
57	19.67	Aroclor 1254-3	211315	0.2060	0.000	---
63	20.81	Aroclor 1254-4	113966	0.2017	0.000	---
71	22.23	Aroclor 1254-5	147433	0.2008	0.000	---
			746356	1.0154		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:43:21 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 104	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/4
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/17/98 03:16:41 AM	Cycle	: 104

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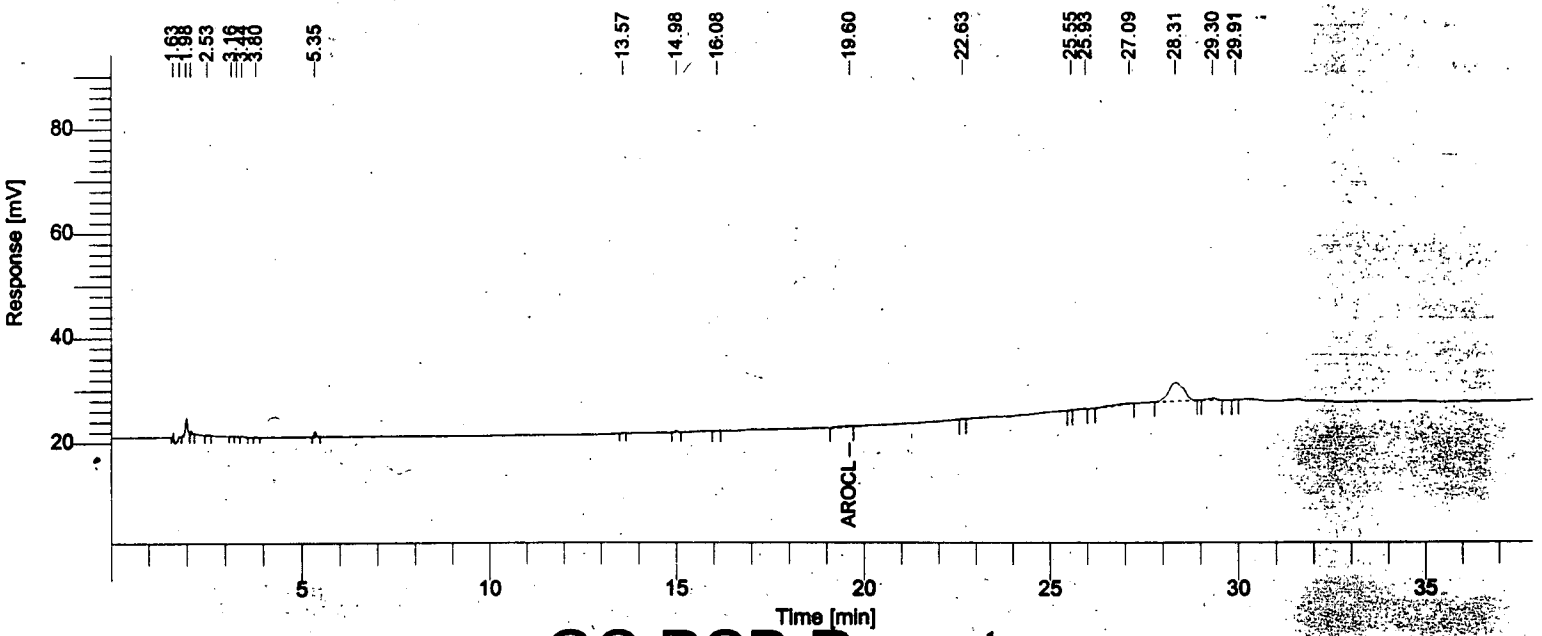
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	19.60	AR1254	5047	0.0014

Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	17.50	Aroclor 1254-1	0	0.0000
0	17.90	Aroclor 1254-2	0	0.0000
14	19.60	Aroclor 1254-3	5047	0.0049
0	20.80	Aroclor 1254-4	0	0.0000
0	22.22	Aroclor 1254-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:43:27 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 105	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/5
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.99 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/17/98 03:59:15 AM	Cycle	: 105

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Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
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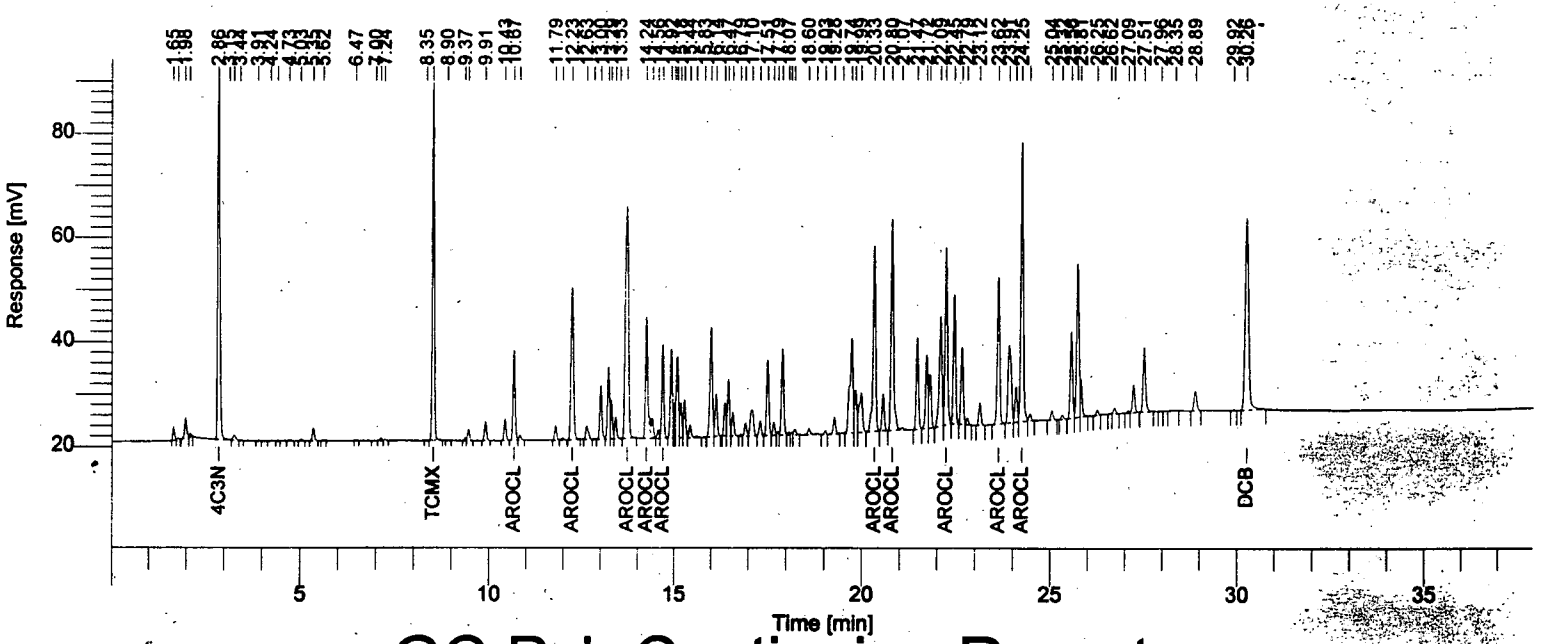

GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
5	2.86	4C3N	291078	0.0557	0.050	11.3
21	8.52	TCMX	242377	0.0209	0.020	4.6
	13.71	AR1016	660172	0.2144	0.200	7.2
	24.25	AR1260	871584	0.1988	0.200	-0.6
109	30.26	DCB	237479	0.0212	0.020	5.8
			2302690	0.5110		

05/18/98 11:43:27 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
27	10.67	Aroclor 1016-1	67698	0.2193	0.000	----
31	12.23	Aroclor 1016-2	143587	0.2094	0.000	----
39	13.71	Aroclor 1016-3	271831	0.2178	0.000	----
40	14.24	Aroclor 1016-4	105187	0.2110	0.000	----
43	14.69	Aroclor 1016-5	71869	0.2126	0.000	----
			660172	1.0702		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
76	20.33	Aroclor 1260-1	170042	0.1965	0.000	----
78	20.80	Aroclor 1260-2	188117	0.1978	0.000	----
84	22.23	Aroclor 1260-3	149220	0.1974	0.000	----
89	23.62	Aroclor 1260-4	126157	0.1975	0.000	----
92	24.25	Aroclor 1260-5	238049	0.2031	0.000	----
			871584	0.9923		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:43:33 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 106	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/6
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/17/98 04:41:50 AM	Cycle	: 106

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Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_106.rst
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Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
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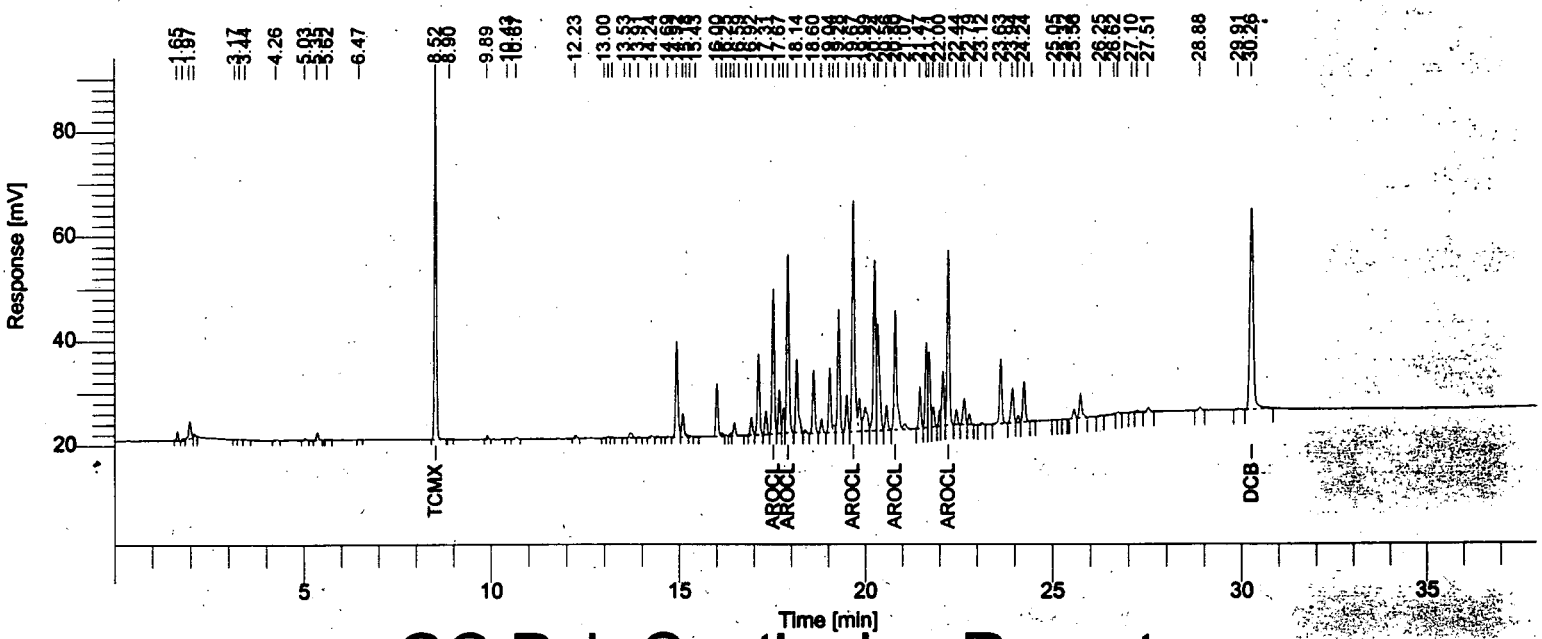

GC Pcb Continuing Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
13	8.52	TCMX	255495	0.0236	0.020	17.9
	19.67	AR1254	735088	0.2002	0.200	0.1
91	30.26	DCB	250205	0.0217	0.020	8.5
			1240788	0.2455		

05/18/98 11:43:33 AM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
43	17.51	Aroclor 1254-1	118813	0.2020	0.000	-----
46	17.90	Aroclor 1254-2	150041	0.1978	0.000	-----
55	19.67	Aroclor 1254-3	208618	0.2034	0.000	-----
61	20.80	Aroclor 1254-4	113709	0.2012	0.000	-----
69	22.23	Aroclor 1254-5	143907	0.1960	0.000	-----
			735088	1.0004		

1D
PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

PBLKW1

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.901 SAS No.: SDG No.: 6088

Matrix: (soil/water) WATER Lab Sample ID: 1248-162-1

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received:

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/11/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/15/98

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM I PEST SW8082

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:16:56 PM
Operator	: LEWANDOWSKIB	Sample Name	: 1248-162-1
Sample Number	: 042	Study	: 9800.901/916
AutoSampler	: BUILT-IN	Rack/Vial	: 1/42
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/15/98 00:47:15 AM	Cycle	: 42

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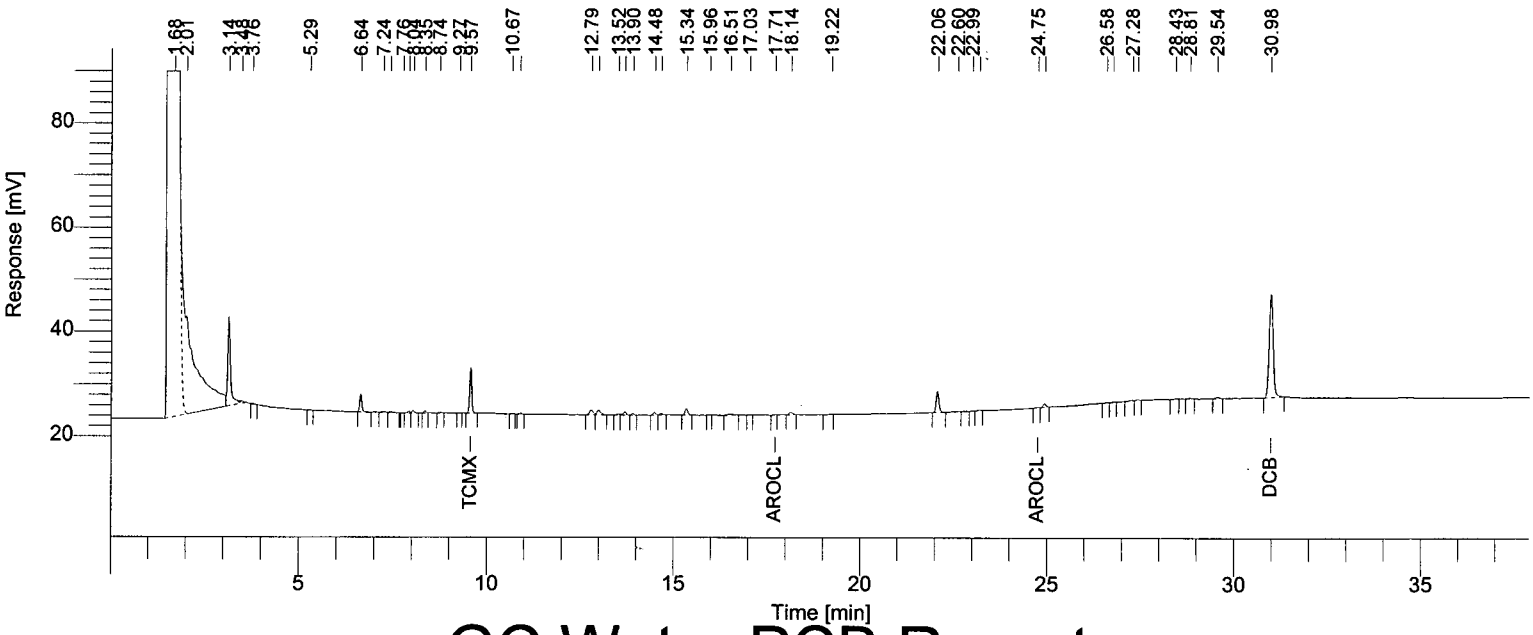

GC Water PCB Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/L	Amt. Ext.(L)	Dilution Factor	Final Vol. (ml)
16	9.57	TCMX	33406	0.0032	0.0000	1000.0000	1.0000	10.0000
	~~17.71~~	~~AR1254~~	607	0.0001	0.0000	1000.0000	1.0000	10.0000
	24.75	AR1260	630	0.0002	0.0000	1000.0000	1.0000	10.0000
46	30.98	DCB	145776	0.0135	0.0001	1000.0000	1.0000	10.0000

BG 5/22/98

05/21/98 17:16:56 PM Result:
\\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_042.rst

Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/L	Amt. Ext.(L)	Dilution Factor	Final Vol. (ml)
30	17.71	Aroclor 1254-1	607	0.0010	0.0000	1000.0000	1.0000	10.0000
0	18.46	Aroclor 1254-2	0	0.0000	0.0000	1000.0000	1.0000	10.0000
0	19.79	Aroclor 1254-3	0	0.0000	0.0000	1000.0000	1.0000	10.0000
0	20.69	Aroclor 1254-4	0	0.0000	0.0000	1000.0000	1.0000	10.0000
0	22.47	Aroclor 1254-5	0	0.0000	0.0000	1000.0000	1.0000	10.0000

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/L	Amt. Ext.(L)	Dilution Factor	Final Vol. (ml)
0	20.65	Aroclor 1260-1	0	0.0000	0.0000	1000.0000	1.0000	10.0000
37	24.75	Aroclor 1260-4	630	0.0006	0.0000	1000.0000	1.0000	10.0000
0	25.85	Aroclor 1260-5	0	0.0000	0.0000	1000.0000	1.0000	10.0000

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:17:00 PM
Operator	: LEWANDOWSKIB	Sample Name	: 1248-162-1
Sample Number	: 042	Study	: 9800.901/916
AutoSampler	: BUILT-IN	Rack/Vial	: 1/42
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.94 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/15/98 00:47:15 AM	Cycle	: 42

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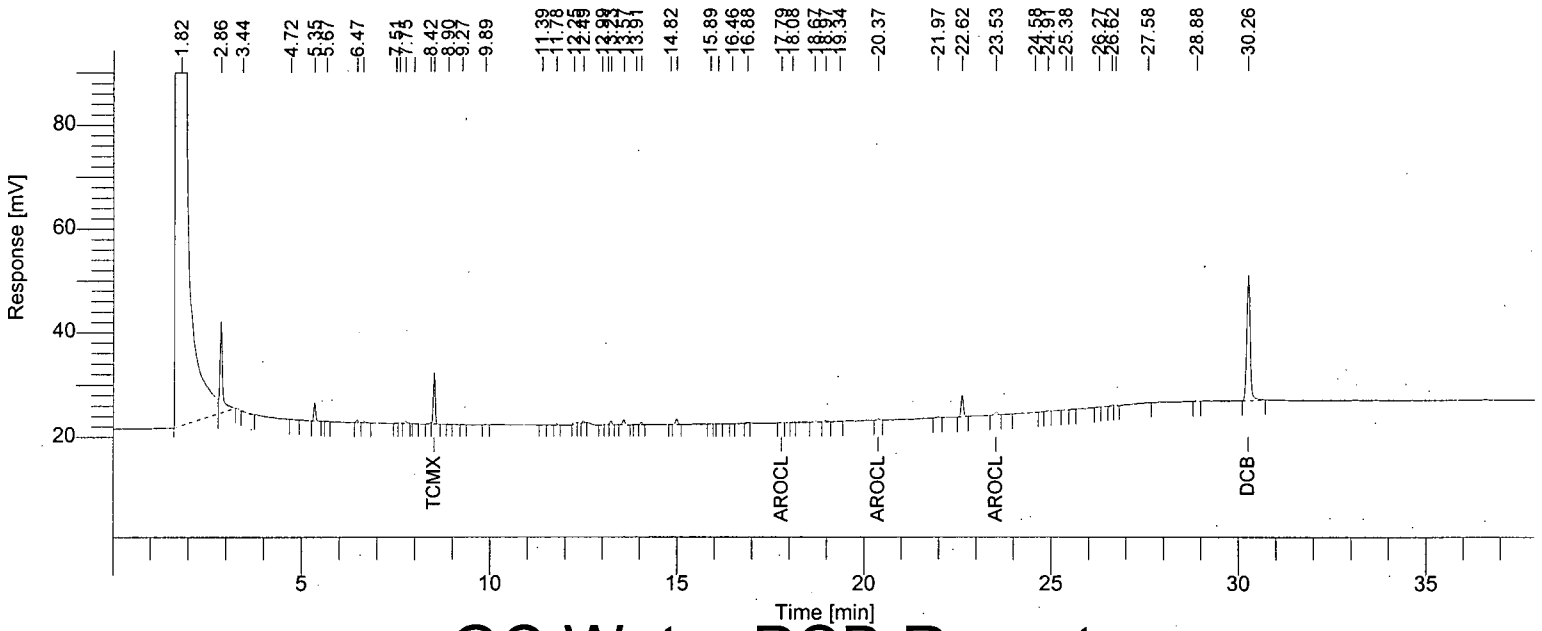
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R_5460.seq



GC Water PCB Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/L	Amt. Ext.(L)	Dilution Factor	Final Vol. (ml)
14	8.52	TCMX	34568	0.0032	0.0000	1000.0000	1.0000	10.0000
	~~17.79~~	~~AR1254~~	539	0.0001	0.0000	1000.0000	1.0000	10.0000
	~~23.53~~	~~AR1260~~	4540	0.0010	0.0000	1000.0000	1.0000	10.0000
52	30.26	DCB	153637	0.0133	0.0001	1000.0000	1.0000	10.0000

5/22/98

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05/21/98 17:17:00 PM Result:
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Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/L	Amt. Ext.(L)	Dilution Factor	Final Vol. (ml)
0	17.50	Aroclor 1254-1	0	0.0000	0.0000	1000.0000	1.0000	10.0000
34	17.79	Aroclor 1254-2	539	0.0007	0.0000	1000.0000	1.0000	10.0000
0	19.66	Aroclor 1254-3	0	0.0000	0.0000	1000.0000	1.0000	10.0000
0	20.80	Aroclor 1254-4	0	0.0000	0.0000	1000.0000	1.0000	10.0000
0	22.22	Aroclor 1254-5	0	0.0000	0.0000	1000.0000	1.0000	10.0000

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/L	Amt. Ext.(L)	Dilution Factor	Final Vol. (ml)
39	20.37	Aroclor 1260-1	1364	0.0016	0.0000	1000.0000	1.0000	10.0000
42	23.53	Aroclor 1260-4	3176	0.0050	0.0000	1000.0000	1.0000	10.0000
0	24.24	Aroclor 1260-5	0	0.0000	0.0000	1000.0000	1.0000	10.0000

RAO 5/22/98

1D
PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

PBLKS1

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 980900 SAS No.: SDG No.: 6068

Matrix: (soil/water) SOIL Lab Sample ID: 1338-37-1

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: decanted: (Y/N) Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/11/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/15/98

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

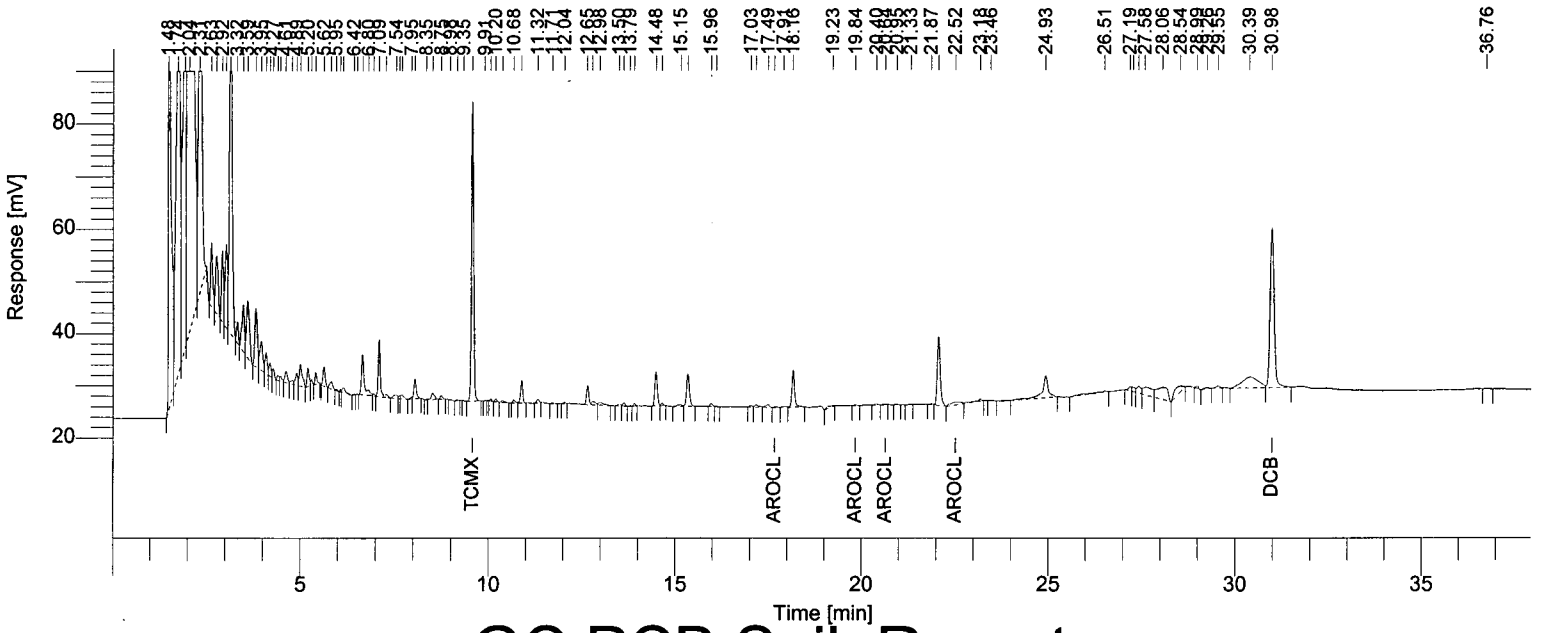
GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

FORM I PEST SW8082

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:19:20 PM
Operator	: LEWANDOWSKIB	Sample Name	: SBK1338-39-1 1X
Sample Number	: 085	Study	: 9800.901/902/916
AutoSampler	: BUILT-IN	Rack/Vial	: 1/85
Instrument Name	: HP68901	Channel	: A
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.97 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 13:46:05 PM	Cycle	: 85

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_085.raw
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_085.rst
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_085.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R_5460.seq



GC PCB Soil Report

HP6890 1A RTX-5 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
51	9.58	TCMX	230793	0.0220	0.0073	10.0	30.000	1.0
	~~20.64~~	~~AR1260~~	421	0.0001	0.0000	10.0	30.000	1.0
	~~22.52~~	~~AR1254~~	12240	0.0029	0.0010	10.0	30.000	1.0
103	30.98	DCB	230693	0.0214	0.0071	10.0	30.000	1.0
			474146	0.0463		40.0	120.000	4.0

BJ 5/21/98

05/21/98 17:19:20 PM Result:
\\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_085.rst

Group Report For : AR1254

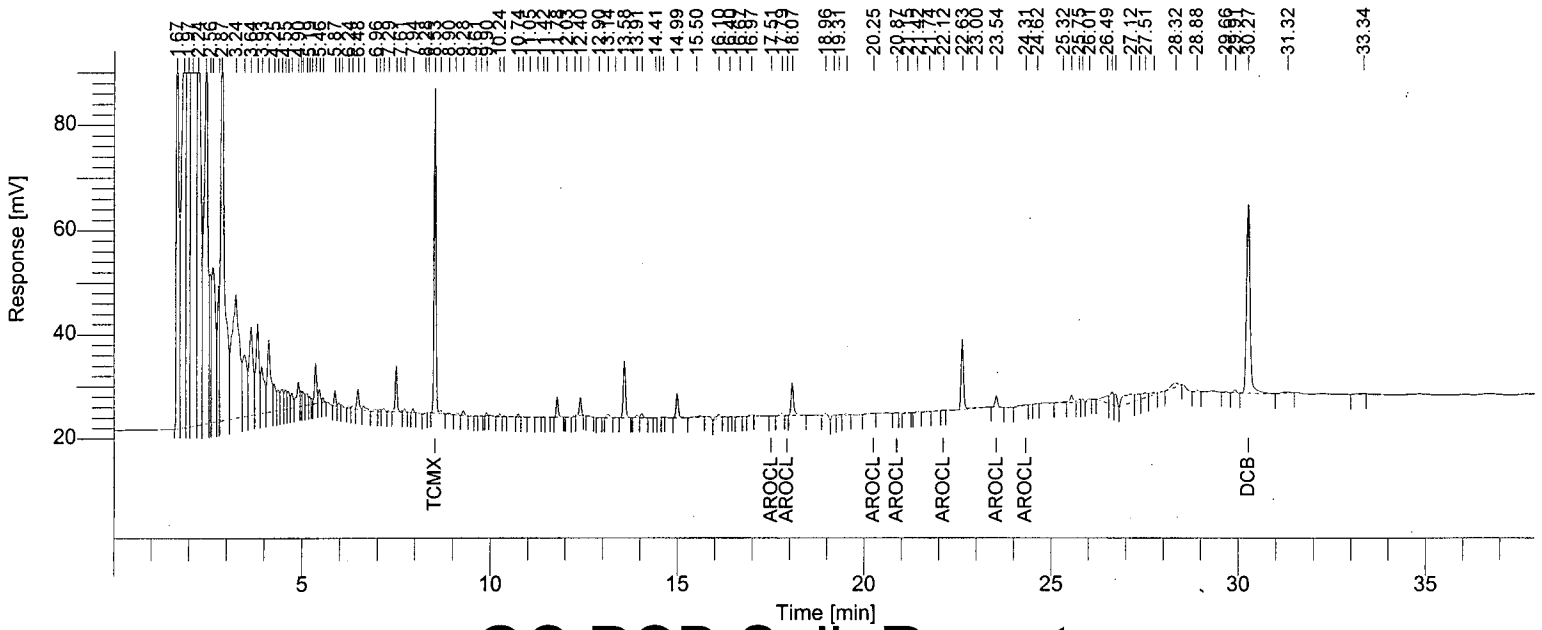
Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
77	17.67	Aroclor 1254-1	1303	0.0021	0.0007	10.0	30.000	1.0
0	18.46	Aroclor 1254-2	0	0.0000	0.0000	10.0	30.000	1.0
81	19.84	Aroclor 1254-3	555	0.0006	0.0002	10.0	30.000	1.0
0	20.69	Aroclor 1254-4	0	0.0000	0.0000	10.0	30.000	1.0
88	22.52	Aroclor 1254-5	10381	0.0129	0.0043	10.0	30.000	1.0
			12240	0.0156		50.0	150.000	5.0

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
83	20.64	Aroclor 1260-1	421	0.0005	0.0002	10.0	30.000	1.0
0	24.81	Aroclor 1260-4	0	0.0000	0.0000	10.0	30.000	1.0
0	25.85	Aroclor 1260-5	0	0.0000	0.0000	10.0	30.000	1.0
			421	0.0005		30.0	90.000	3.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:19:23 PM
Operator	: LEWANDOWSKIB	Sample Name	: SBK1338-39-1 1X
Sample Number	: 085	Study	: 9800.901/902/916
AutoSampler	: BUILT-IN	Rack/Vial	: 1/85
Instrument Name	: HP68901	Channel	: B
Instrument Serial #	: NONE	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 37.97 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 05/16/98 13:46:05 PM	Cycle	: 85

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_085.raw
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_085.rst
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_085.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R_5460.seq



GC PCB Soil Report

HP6890 1B RTX-35 30m 0.53mm 2ul Inj Method 8082

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
49	8.53	TCMX	218719	0.0202	0.0067	10.0	30.00	1.0
	~~17.51~~	~~AR1254~~	1598	0.0004	0.0001	10.0	30.00	1.0
	~~23.54~~	~~AR1260~~	14504	0.0033	0.0011	10.0	30.00	1.0
120	30.27	DCB	240497	0.0209	0.0070	10.0	30.00	1.0

BG 5/27/98

05/21/98 17:19:23 PM Result:
\\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_085.rst

Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
85	17.51	Aroclor 1254-1	699	0.0012	0.0004	10.0	30.00	1.0
87	17.93	Aroclor 1254-2	435	0.0006	0.0002	10.0	30.00	1.0
0	19.66	Aroclor 1254-3	0	0.0000	0.0000	10.0	30.00	1.0
94	20.87	Aroclor 1254-4	238	0.0004	0.0001	10.0	30.00	1.0
98	22.12	Aroclor 1254-5	226	0.0003	0.0001	10.0	30.00	1.0

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
93	20.25	Aroclor 1260-1	1185	0.0014	0.0005	10.0	30.00	1.0
101	23.54	Aroclor 1260-4	10302	0.0161	0.0054	10.0	30.00	1.0
102	24.31	Aroclor 1260-5	3017	0.0026	0.0009	10.0	30.00	1.0

ecology and environment, inc.

SOIL EXTRACTION LOGBOOK

TEST PCB SOP# 19 REV# 2 BATCH# 9805113881

EXTRACTED BY T. Miller EXTRACTION DATE 5-11-98

MATERIALS USED: 1.0 mL Surrogate 1245-21-2 expiration date 10/29/98

1.0 mL Spike 1245-24-1 expiration date 11/6/98

solvent: Methylene Chloride lot # L46311

Acetone L19278

Hexane L20317 Bot E 008

Acetonitrile

BALANCE CALIBRATION boook# 807 page# 187-2 CONCENTRATED BY steambath ✓ turbovap

JOB#/CLIENT	Sample No.	Sample Wt (g)	Final Vol. (mL)	Conc'd by	Date	Comments
1338-39-1	Blank	30.0	10.0 mls	[illegible]	5/12/98	
1338-39-2	LCS					
~~9800.901~~	LCSD					
9800.901	1 6088.01					
	2 6089.01					
	3 6090.01					
	4 6091.01					
	5 6092.01					
	6 6093.01					
	7 6094.01					
9800.916	8 6198.01					
	9 6199.01					
	10 6200.01					
	11 6201.01					
	12 6202.01					
	13 6203.01					
	14 6204.01					
	15 6205.01					
	16 6206.01					
	17 6207.01					
	18 6208.01					
9800.902	19 6096.01					
start chicago	20 6097.01					
9800.916	MS 6198.01 7220					
	MSD 6198.01 7270					

I have witnessed the addition of surrogate and spiking solutions. The correct type and amount has been added as indicated in the SOP. (Signed)

The above information is a complete and accurate statement of the work it documents. All deviations have been noted. Corrective action forms have been completed if applicable.

recycled paper

ecology and environment

Project No.
Book No. 1248 TITLE ecology and environment, inc.

From Page No.

PCB
Sop 4 Rev. 2
5/11/98
R Braun

9805113C1P
Bal. Cal. 807-187-2

Lab No.	ID No.	Amount	PH	Solvent	Exchange Solvent	F.V.	Date Cont.	SIGN	witness
9800.916	6209.013200	100ml	7	MeCl2	Hexane	10.0ml	5/11/98	RB	[illegible]
Weston	6209.013220	100ml		246311	620317				
	6209.013230	50/50ml		3x60ml	50ml	"			
901	6095.013200	500/50ml							
WBlk	1248-162-1	10ml							
WLCS	1248-162-2								
IPR	1								
	2								
	3								
	4								

Added 8081 Pest Surrogate to all Samples (1245-21-2) Including IPR's 1.0ml
Added Weston Spike 8082 (1245-24-1) to LCS, MS, MSD only 1.0ml
Added 1.0ml of ARGO 1660 PCB spike (1245-15-4) to IPRS only.
last Entry

last Entry R Braun 5/11/98

To Page No.

Witnessed & Understood by me, [signature] Date 5/14/98 Invented by Date Recorded by

Project No.
Book No. 1219 TITLE

om Page No.

E. & E. Inc. ASC GC Lab Instrument Runlog

Notebook # 1219 Page # 58

Method: SW-846 8082 SOP GC.73
Inst.ID: HP68901A/HP68901B
Operator: B. Lewandowski Init. BL Date: 4/29/98

Oven Prog: 150C, 1 min, 5c/min => 280C, 11 min
Inj Temp: 200C Det Temp: 300C Detector A,B ECD,ECD
Column A: RTX-5 30M 0.53mm 1.0um film
Column B: RTX-35 30M 0.53mm 0.5um film

File Name	Job Number	Sample Name	Samp Num.	Date of Injection	Time of Injection	COMMENTS	DCB DIL
1a 0429 001.rst	8082 CCV	HEXANE	001	04/29/98	05:34:18 PM	L20317	1
1a 0429 002.rst	8082 CCV	HEXANE	002	04/29/98	06:16:49 PM	L20317	1
1a 0429 003.rst	8082 ICAL	AR1221M	003	04/29/98	06:59:16 PM	445-184-6	1
1a 0429 004.rst	8082 ICAL	AR1232M	004	04/29/98	07:41:45 PM	445-180-4	1
1a 0429 005.rst	8082 ICAL	AR1248M	005	04/29/98	08:24:20 PM	445-180-9	1
1a 0429 006.rst	8082 ICAL	AR1660L	006	04/29/98	09:06:53 PM	445-184-1	1
1a 0429 007.rst	8082 ICAL	AR1660ML	007	04/29/98	09:49:28 PM	445-184-2	1
1a 0429 008.rst	8082 ICAL	AR1660M	008	04/29/98	10:31:59 PM	445-184-7	1
1a 0429 009.rst	8082 ICAL	AR1660MH	009	04/29/98	11:14:40 PM	445-184-4	1
1a 0429 010.rst	8082 ICAL	AR1660H	010	04/29/98	11:57:13 PM	445-184-5	1
1a 0429 011.rst	8082 ICAL	AR1660REF	011	04/30/98	12:39:41 AM	445-482-5	1
1a 0429 012.rst	8082 ICAL	AR1242L	012	04/30/98	01:22:08 AM	445-181-1	1
1a 0429 013.rst	8082 ICAL	AR1242ML	013	04/30/98	02:04:40 AM	445-181-2	1
1a 0429 014.rst	8082 ICAL	AR1242M	014	04/30/98	02:47:16 AM	445-181-3	1
1a 0429 015.rst	8082 ICAL	AR1242MH	015	04/30/98	03:29:53 AM	445-181-4	1
1a 0429 016.rst	8082 ICAL	AR1242H	016	04/30/98	04:12:28 AM	445-181-5	1
1a 0429 017.rst	8082 ICAL	AR1242REF	017	04/30/98	04:55:08 AM	445-183-3	1
1a 0429 018.rst	8082 ICAL	AR1254L	018	04/30/98	05:37:44 AM	445-175-1	1
1a 0429 019.rst	8082 ICAL	AR1254ML	019	04/30/98	06:20:16 AM	445-175-2	1
1a 0429 020.rst	8082 ICAL	AR1254M	020	04/30/98	07:02:52 AM	445-185-1	1
1a 0429 021.rst	8082 ICAL	AR1254MH	021	04/30/98	07:45:28 AM	445-175-4	1
1a 0429 022.rst	8082 ICAL	AR1254H	022	04/30/98	08:27:56 AM	445-181-5	1
1a 0429 023.rst	8082 ICAL	AR1254REF	023	04/30/98	09:10:24 AM	445-183-1	1

BL 5/2/98

To Page No.

Witnessed & Understood by me, Date 5/22/98 Invented by Date

Recorded by

E. & E. Inc. ASC GC Lab Instrument Runlog

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Notebook # 1219 Page # 51

Method: GC.14(8081) GC.72(8081A) GC.73(8082)
Inst.ID: HP5890#1
Operator: B. LEWANDOWSKI Init: BL Date: 5/11/98

Oven Prog: 150C, 1 min, 5c/min => 280C, 11 min
Inj Temp: 200C Det Temp: 300C Detector A,B ECD,ECD
Column A/B: RTX5/RTX35 30M 0.53mm 1.0um film

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BL 5/13/98

File Name	Job Number	Sample Name	Date of Injection	Time of Injection	COMMENTS	~~DCB~~ DIL
1a 0511 001.rst		HEXANE	05/11/98	09:19:02 AM	LOT# L20317	1
1a 0511 002.rst	8082 CCV	0.2ug/ml AR1254	05/11/98	10:01:36 AM	445-185-1	1
1a 0511 003.rst	8082 CCV	0.2ug/ml AR1660	05/11/98	10:44:11 AM	445-184-7	1
1a 0511 004.rst	9800.898	SBLK 1338-17-1	05/11/98	12:03:56 PM	Hg + H2SO4	1
1a 0511 005.rst	9800.898	SLCS 1338-17-2	05/11/98	12:46:25 PM	Hg + H2SO4	1
1a 0511 006.rst	9800.898	6041 2X	05/11/98	01:28:52 PM	Hg + H2SO4 400uL/800u	2
1a 0511 007.rst	9800.898	6042 20X	05/11/98	02:11:27 PM	Hg + H2SO4 50uL/mL	20
1a 0511 008.rst	9800.898	6043	05/11/98	02:53:54 PM	Hg + H2SO4	1
1a 0511 009.rst	9800.898	6044	05/11/98	03:36:35 PM	Hg + H2SO4	1
1a 0511 010.rst	9800.898	6045 2X	05/11/98	04:19:04 PM	Hg + H2SO4 400uL/800u	2
1a 0511 011.rst	9800.898	6046	05/11/98	05:01:32 PM	Hg + H2SO4	1
1a 0511 012.rst	9800.898	6047	05/11/98	05:44:07 PM	Hg + H2SO4	1
1a 0511 013.rst	9800.898	6048	05/11/98	06:26:43 PM	Hg + H2SO4	1
1a 0511 014.rst		HEXANE	05/11/98	07:09:19 PM	LOT# L20317	1
1a 0511 015.rst	CCV	0.2UG/ML AR1254	05/11/98	07:51:53 PM	445-185-1	1
1a 0511 016.rst	CCV	0.2UG/ML AR1660	05/11/98	08:33:42 PM	445-184-7	1
1a 0511 017.rst	9800.898	6049 4X	05/11/98	09:17:35 PM	Hg + H2SO4 200uL/800u	4
1a 0511 018.rst	9800.898	6049 MS 4X	05/11/98	10:00:15 PM	Hg + H2SO4 200uL/800u	4
1a 0511 019.rst	9800.898	6049 MSD 4X	05/11/98	10:42:55 PM	Hg + H2SO4 200uL/800u	4
1a 0511 020.rst	9800.898	6050 4X	05/11/98	11:25:31 PM	Hg + H2SO4 200uL/800u	4
1a 0511 021.rst	9800.898	6051 2X	05/12/98	12:08:07 AM	Hg + H2SO4 400uL/800u	2
1a 0511 022.rst	9800.898	6052	05/12/98	12:50:43 AM	Hg + H2SO4	1
1a 0511 023.rst	9800.898	6053	05/12/98	01:33:29 AM	Hg + H2SO4	1
1a 0511 024.rst	9800.898	6054	05/12/98	02:16:07 AM	Hg + H2SO4	1
1a 0511 025.rst	9800.898	6055	05/12/98	02:58:47 AM	Hg + H2SO4	1
1a 0511 026.rst	9800.898	6056 5X	05/12/98	03:41:24 AM	Hg + H2SO4 200uL/mL	5
1a 0511 027.rst		HEXANE	05/12/98	04:24:07 AM	LOT# L20317	1
1a 0511 028.rst		0.2UG/ML AR1254	05/12/98	05:06:43 AM	445-185-1	1
1a 0511 029.rst		0.2UG/ML AR1660	05/12/98	05:49:19 AM	445-184-7	1
1a 0511 030.rst	9800.898	6057 2X	05/12/98	06:31:55 AM	Hg + H2SO4 400uL/800u	2
1a 0511 031.rst	9800.898	6058	05/12/98	07:14:32 AM	Hg + H2SO4	1
1a 0511 032.rst	9800.898	6059	05/12/98	07:57:04 AM	Hg + H2SO4	1
1a 0511 033.rst	9800.898	6060	05/12/98	08:39:40 AM	Hg + H2SO4	1
1a 0511 034.rst		HEXANE	05/12/98	09:22:15 AM	BAKER L20317	1
1a 0511 035.rst	CCV	0.2UG/ML AR1254	05/12/98	10:04:47 AM	445-185-1	1
1a 0511 036.rst	CCV	0.2UG/ML AR1660	05/12/98	10:47:20 AM	445-184-7	1
1a 0511 037.rst	9800.898	6049 4X	05/12/98	01:39:13 PM	Hg + H2SO4+200UL/800U	4
1a 0511 038.rst		HEXANE	05/12/98	02:43:17 PM	BAKER L20317	1
1a 0511 039.rst	CCV	0.2UG/ML AR1254	05/12/98	03:25:53 PM	445-185-1	1
1a 0511 040.rst	CCV	0.2UG/ML AR1660	05/12/98	04:08:25 PM	445-184-7	1

Bruce Lewandowski

BL 5/13/98

To Page No. _____

Witnessed & Understood by me,	Date	Invented by	Date	
Richard L. Gray	5/13/98	Recorded by		272

Project No.
Book No. 1219 TITLE

F

E. & E. Inc. ASC GC Lab Instrument Runlog

Notebook # 1219 Page # 52

Method: SW-846 8082 SOP GC.73
Inst.ID: HP68901A/HP68901B
Operator: B. LEWANDOWSKI Init: BL Date: 5/13/98

Oven Prog: 150C, 1 min, 5c/min => 280C, 11 min
Inj Temp: 200C Det Temp: 300C Detector A,B ECD,ECD
Column A: RTX-5 30M 0.53mm 1.0um film
Column B: RTX-35 30M 0.53mm 0.5um film

File Name	Job Number	Sample Name	Samp Num.	Date of Injection	Time of Injection	COMMENTS	DCB DIL
1a 0513 001.rst		HEXANE	001	05/13/98	02:37:52 PM	BAKER L20317	1
1a 0513 002.rst	8082 CCV	0.2UG/ML AR1660	002	05/13/98	03:20:31 PM	445-184-7	1
1a 0513 003.rst	8082 CCV	0.2UG/ML AR1254	003	05/13/98	04:03:11 PM	445-185-1	1
1a 0513 004.rst	9800.876	WLCS 1248-149-1	004	05/13/98	07:15:08 PM	HG&H2S04	1
1a 0513 005.rst	9800.876	WLCS 1248-149-2	005	05/13/98	07:57:49 PM	HG&H2S04	1
1a 0513 006.rst	9800.876	WBLK 1248-149-3	006	05/13/98	08:40:24 PM	HG&H2S04	1
1a 0513 007.rst	9800.880/876	SBLK 1338-7-1	007	05/13/98	09:22:59 PM	HG&H2S04	1
1a 0513 008.rst	9800.880/876	SLCS 1338-7-2	008	05/13/98	10:05:34 PM	HG&H2S04	1
1a 0513 009.rst	9800.876	5877	009	05/13/98	10:48:11 PM	HG&H2S04	1
1a 0513 010.rst		HEXANE	010	05/13/98	11:30:40 PM	BAKER L20317	1
1a 0513 011.rst	8082 CCV	0.2UG/ML AR1254	011	05/14/98	12:13:16 AM	445-185-1	1
1a 0513 012.rst	8082 CCV	0.2UG/ML AR1660	012	05/14/98	12:55:51 AM	445-184-7	1
1a 0513 013.rst	9800.880	5931	013	05/14/98	01:38:23 AM	HG&H2S04	1
1a 0513 014.rst	9800.880	5928 10X	014	05/14/98	02:20:59 AM	HG&H2S04 100UL/1ML	10
1a 0513 015.rst	9800.880	5929 10X	015	05/14/98	03:03:32 AM	HG&H2S04 100UL/1ML	10
1a 0513 016.rst	9800.880	5930 10X	016	05/14/98	03:46:11 AM	HG&H2S04 100UL/1ML	10
1a 0513 017.rst	9800.876	5874	017	05/14/98	04:28:47 AM	HG&H2S04	1
1a 0513 018.rst	9800.876	5875	018	05/14/98	06:38:59 AM	HG&H2S04	1
1a 0513 019.rst	9800.876	5876	019	05/14/98	07:21:31 AM	HG&H2S04	1
1a 0513 020.rst	9800.876	5876 MS	020	05/14/98	08:04:09 AM	HG&H2S04	1
1a 0513 021.rst	9800.876	5876 MSD	021	05/14/98	08:46:43 AM	HG&H2S04	1
1a 0513 022.rst		HEXANE	022	05/14/98	09:29:19 AM	BAKER L20317	1
1a 0513 023.rst	8082 CCV	0.2UG/ML AR1254	023	05/14/98	10:11:51 AM	445-185-1	1
1a 0513 024.rst	8082 CCV	0.2UG/ML AR1660	024	05/14/98	11:15:06 AM	445-184-7	1
1a 0513 025.rst	8082 CCV	0.2UG/ML AR1254	025	05/14/98	11:57:41 AM	445-185-1	1
1a 0513 026.rst	9800.876	5874 100X	026	05/14/98	12:40:28 PM	HG&H2S04 10UL/1ML	100
1a 0513 027.rst		HEXANE	027	05/14/98	01:23:01 PM	BAKER L20317	1
1a 0513 028.rst	8082 CCV	0.2UG/ML AR1254	028	05/14/98	02:05:41 PM	445-185-1	1
1a 0513 029.rst	8082 CCV	0.2UG/ML AR1660	029	05/14/98	02:48:17 PM	445-184-7	1
1a 0513 030.rst	9800.863	SBLK1338-42-1	030	05/14/98	03:36:45 PM	AR1254 MDLS	1
1a 0513 031.rst	9800.863	AR1254MDL REP 1 5753	031	05/14/98	04:19:14 PM	AR1254 MDLS	1
1a 0513 032.rst	9800.863	AR1254MDL REP 2 5754	032	05/14/98	05:40:23 PM	AR1254 MDLS	1
1a 0513 033.rst	9800.863	AR1254MDL REP 3 5755	033	05/14/98	06:23:57 PM	AR1254 MDLS	1
1a 0513 034.rst	9800.863	AR1254MDL REP 4 5756	034	05/14/98	07:06:25 PM	AR1254 MDLS	1
1a 0513 035.rst	9800.863	AR1254MDL REP 5 5757	035	05/14/98	07:49:00 PM	AR1254 MDLS	1
1a 0513 036.rst	9800.863	AR1254MDL REP 6 5758	036	05/14/98	08:31:40 PM	AR1254 MDLS	1
1a 0513 037.rst	9800.863	AR1254MDL REP 7 5759	037	05/14/98	09:14:07 PM	AR1254 MDLS	1
1a 0513 038.rst	9800.863	AR1254MDL REP 8 LCS	038	05/14/98	09:56:43 PM	AR1254 MDLS	1
1a 0513 039.rst	CCV	HEXANE	039	05/14/98	10:39:19 PM	BAKER L20317	1
1a 0513 040.rst	8082 CCV	0.2UG/ML AR1254	040	05/14/98	11:21:55 PM	445-185-1	1

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Witnessed & Understood by me, Date 5/19/98 Invented by Recorded by Date

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E. & E. Inc. ASC GC Lab Instrument Runlog

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Notebook # 1219 Page # 53

Method: SW-846 8082 SOP GC.73
Inst.ID: HP68901A/HP68901B
Operator: B. LEWANDOWSKI Init: BJ Date: 5/15/98

Oven Prog: 150C, 1 min, 5c/min => 280C, 11 min
Inj Temp: 200C Det Temp: 300C Detector A,B ECD,ECD
Column A: RTX-5 30M 0.53mm 1.0um film
Column B: RTX-35 30M 0.53mm 0.5um film

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File Name	Job Number	Sample Name	Samp Num.	Date of Injection	Time of Injection	COMMENTS	DCB DIL
1a 0513 041.rst	8082 CCV	0.2UG/ML AR1660	041	05/15/98	12:04:36 AM	445-184-7	1
1a 0513 042.rst	9800.901/916	1248-162-1	042	05/15/98	12:47:15 AM	HG&H2S04	1
1a 0513 043.rst	9800.901/916	1248-162-2	043	05/15/98	01:29:51 AM	HG&H2S04	1
1a 0513 044.rst	R. GROUND	AR1660 IPR 1	044	05/15/98	02:12:27 AM	HG&H2S04	1
1a 0513 045.rst	9800.901/916	AR1660 IPR 2	045	05/15/98	09:01:54 AM		1
1a 0513 046.rst	9800.901/916	AR1660 IPR 3	046	05/15/98	10:19:11 AM		1
1a 0513 047.rst	R. GROUND	AR1660 IPR 4	047	05/15/98	10:39:55 AM	HG&H2S04	1
1a 0513 048.rst	9800.901	6095	048	05/15/98	11:22:31 AM	HG&H2S04	1
1a 0513 049.rst	9800.916	6209	049	05/15/98	12:05:07 PM	HG&H2S04	1
1a 0513 050.rst	9800.916	6209MS	050	05/15/98	12:47:43 PM	HG&H2S04	1
1a 0513 051.rst	9800.916	6209MSD	051	05/15/98	01:30:16 PM	HG&H2S04	1
1a 0513 052.rst		HEXANE	052	05/15/98	02:18:53 PM	BAKER L20317	1
1a 0513 053.rst	8082 CCV	0.2UG/ML AR1254	053	05/15/98	03:01:20 PM	445-185-1	1
1a 0513 054.rst	8082 CCV	0.2UG/ML AR1660	054	05/15/98	03:44:01 PM	445-184-7	1
1a 0513 055.rst	9800.900	1338-37-1	055	05/15/98	04:26:42 PM	HG + H2S04	1
1a 0513 056.rst	9800.900	1338-37-2	056	05/15/98	05:09:23 PM	HG + H2S04	1
1a 0513 057.rst	9800.900	6068	057	05/15/98	05:52:05 PM	HG + H2S04	1
1a 0513 058.rst	9800.900	6069	058	05/15/98	06:34:42 PM	HG + H2S04	1
1a 0513 059.rst	9800.900	6070	059	05/15/98	07:17:26 PM	HG + H2S04	1
1a 0513 060.rst	9800.900	6071	060	05/15/98	08:00:07 PM	HG + H2S04	1
1a 0513 061.rst	9800.900	6072	061	05/15/98	08:42:47 PM	HG + H2S04	1
1a 0513 062.rst	9800.900	6073	062	05/15/98	09:25:26 PM	HG + H2S04	1
1a 0513 063.rst	9800.900	6074	063	05/15/98	10:07:57 PM	HG + H2S04	1
1a 0513 064.rst	9800.900	6075	064	05/15/98	10:50:33 PM	HG + H2S04	1
1a 0513 065.rst		HEXANE	065	05/15/98	11:33:14 PM	BAKER L20317	1
1a 0513 066.rst	CCV	0.2UG/ML AR1660	066	05/16/98	12:15:56 AM	445-184-7	1
1a 0513 067.rst	CCV	0.2UG/ML AR1254	067	05/16/98	12:58:34 AM	445-185-1	1
1a 0513 068.rst	9800.900	6076 1X	068	05/16/98	01:41:10 AM	HG + H2S04	1
1a 0513 069.rst	9800.900	6077 1X	069	05/16/98	02:23:50 AM	HG + H2S04	1
1a 0513 070.rst	9800.900	6078 1X	070	05/16/98	03:06:23 AM	HG + H2S04	1
1a 0513 071.rst	9800.900	6079 1X	071	05/16/98	03:49:00 AM	HG + H2S04	1
1a 0513 072.rst	9800.900	6080 1X	072	05/16/98	04:31:39 AM	HG + H2S04	1
1a 0513 073.rst	9800.900	6081 1X	073	05/16/98	05:14:15 AM	HG + H2S04	1
1a 0513 074.rst	9800.900	6082 1X	074	05/16/98	05:56:51 AM	HG + H2S04	1
1a 0513 075.rst	9800.900	6083 1X	075	05/16/98	06:39:31 AM	HG + H2S04	1
1a 0513 076.rst	9800.900	6083 MS 1X	076	05/16/98	07:22:12 AM	HG + H2S04	1
1a 0513 077.rst	9800.900	6083 MSD 1X	077	05/16/98	08:04:56 AM	HG + H2S04	1
1a 0513 078.rst		HEXANE	078	05/16/98	08:47:36 AM	BAKER L20317	1
1a 0513 079.rst	CCV	0.2UG/ML AR1660	079	05/16/98	09:30:19 AM	445-184-7	1
1a 0513 080.rst	CCV	0.2UG/ML AR1254	080	05/16/98	10:13:02 AM	445-185-1	1

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Witnessed & Understood by me, [signature] Date 5/19/98 Invented by [signature] Date

Recorded by

Project No.
Book No. 1219 TITLE

E. & E. Inc. ASC GC Lab Instrument Runlog

Notebook # 1219 Page # 54

Method: SW-846 8082 SOP GC.73
Inst.ID: HP68901A/HP68901B
Operator: B. LEWANDOWSKI Init: BL Date: 5/16/98

Oven Prog: 150C, 1 min, 5c/min => 280C, 11 min
Inj Temp: 200C Det Temp: 300C Detector A,B ECD,ECD
Column A: RTX-5 30M 0.53mm 1.0um film
Column B: RTX-35 30M 0.53mm 0.5um film

File Name	Job Number	Sample Name	Samp Num.	Date of Injection	Time of Injection	COMMENTS	DCB DIL
1a 0513 081.rst	9800.900	6084 1X	081	05/16/98	10:55:31 AM	HG + H2S04	1
1a 0513 082.rst	9800.900	6085 1X	082	05/16/98	11:38:07 AM	HG + H2S04	1
1a 0513 083.rst	9800.900	6086 1X	083	05/16/98	12:20:47 PM	HG + H2S04	1
1a 0513 084.rst	9800.900	6087 1X	084	05/16/98	01:03:27 PM	HG + H2S04	1
1a 0513 085.rst	9800.901/902/916	SBK1338-39-1 1X	085	05/16/98	01:46:05 PM	HG + H2S04	1
1a 0513 086.rst	9800.901/902/916	SLCS1338-39-2 1X	086	05/16/98	02:28:46 PM	HG + H2S04	1
1a 0513 087.rst	9800.901	6088 1X	087	05/16/98	03:11:26 PM	HG + H2S04	1
1a 0513 088.rst	9800.901	6089 1X	088	05/16/98	03:54:10 PM	HG + H2S04	1
1a 0513 089.rst	9800.901	6090 1X	089	05/16/98	04:36:50 PM	HG + H2S04	1
1a 0513 090.rst	9800.901	6091 1X	090	05/16/98	05:19:36 PM	HG + H2S04	1
1a 0513 091.rst		HEXANE	091	05/16/98	06:02:15 PM	BAKER L20317	1
1a 0513 092.rst	CCV	0.2UG/ML AR1660	092	05/16/98	06:44:57 PM	445-184-7	1
1a 0513 093.rst	CCV	0.2UG/ML AR1254	093	05/16/98	07:27:37 PM	445-185-1	1
1a 0513 094.rst	9800.901	6092 1X	094	05/16/98	08:10:22 PM	HG + H2S04	1
1a 0513 095.rst	9800.901	6093 1X	095	05/16/98	08:53:04 PM	HG + H2S04	1
1a 0513 096.rst	9800.901	6094 1X	096	05/16/98	09:35:42 PM	HG + H2S04	1
1a 0513 097.rst	9800.916	6198 1X	097	05/16/98	10:18:21 PM	HG + H2S04	1
1a 0513 098.rst	9800.916	6199 1X	098	05/16/98	11:00:57 PM	HG + H2S04	1
1a 0513 099.rst	9800.916	6200 1X	099	05/16/98	11:43:34 PM	HG + H2S04	1
1a 0513 100.rst	9800.916	6201 1X	100	05/17/98	12:26:15 AM	HG + H2S04	1
1a 0513 101.rst	9800.916	6202 1X	101	05/17/98	01:08:54 AM	HG + H2S04	1
1a 0513 102.rst	9800.916	6203 1X	102	05/17/98	01:51:29 AM	HG + H2S04	1
1a 0513 103.rst	9800.916	6204 1X	103	05/17/98	02:34:00 AM	HG + H2S04	1
1a 0513 104.rst		HEXANE	104	05/17/98	03:16:41 AM	BAKER L20317	1
1a 0513 105.rst	CCV	0.2UG/ML AR1660	105	05/17/98	03:59:15 AM	445-184-7	1
1a 0513 106.rst	CCV	0.2UG/ML AR1254	106	05/17/98	04:41:50 AM	445-185-1	1
1a 0513 107.rst	9800.916	6205 1X	107	05/17/98	05:24:29 AM	HG + H2S04	1
1a 0513 108.rst	9800.916	6206 1X	108	05/17/98	06:07:08 AM	HG + H2S04	1
1a 0513 109.rst	9800.916	6207 1X	109	05/17/98	06:49:45 AM	HG + H2S04	1
1a 0513 110.rst	9800.916	6208 1X	110	05/17/98	07:32:22 AM	HG + H2S04	1
1a 0513 111.rst	9800.902	6096 1X	111	05/17/98	08:15:01 AM	HG + H2S04	1
1a 0513 112.rst	9800.902	6097 1X	112	05/17/98	08:57:40 AM	HG + H2S04	1
1a 0513 113.rst	9800.916	6198 MS 1X	113	05/17/98	09:40:17 AM	HG + H2S04	1
1a 0513 114.rst	9800.916	6198 MSD 1X	114	05/17/98	10:22:57 AM	HG + H2S04	1
1a 0513 115.rst		HEXANE	115	05/17/98	11:05:38 AM	BAKER L20317	1
1a 0513 116.rst	CCV	0.2UG/ML AR1660	116	05/17/98	11:48:17 AM	445-184-7	1
1a 0513 117.rst	CCV	0.2UG/ML AR1254	117	05/17/98	12:30:53 PM	445-185-1	1
1a 0513 118.rst	9800.787/972	1248-173-1	118	05/17/98	01:13:33 PM	HG + H2S04	1
1a 0513 119.rst	9800.787/972	1248-173-2	119	05/17/98	01:56:12 PM	HG + H2S04	1
1a 0513 120.rst	9800.787/972	1248-173-3	120	05/17/98	02:38:53 PM	HG + H2S04	1

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Witnessed & Understood by me,	Date	Invented by	Date
	5/19/98	Recorded by	

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E. & E. Inc. ASC GC Lab Instrument Runlog

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Notebook # 1219 Page # 55

Method: SW-846 8082 SOP GC.73
Inst.ID: HP68901A/HP68901B
Operator: BLEWANDOWSKI Init: BJ Date: 5/17/98

Oven Prog: 150C, 1 min, 5c/min => 280C, 11 min
Inj Temp: 200C Det Temp: 300C Detector A,B ECD,ECD
Column A: RTX-5 30M 0.53mm 1.0um film
Column B: RTX-35 30M 0.53mm 0.5um film

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File Name	Job Number	Sample Name	Samp Num.	Date of Injection	Time of Injection	COMMENTS	DCB DIL
1a 0513 121.rst	9800.787	5232	121	05/17/98	03:21:37 PM	HG + H2S04	1
1a 0513 122.rst	9800.972	6617	122	05/17/98	04:04:17 PM	HG + H2S04	1
1a 0513 123.rst	9800.972	6618	123	05/17/98	04:46:58 PM	HG + H2S04	1
1a 0513 124.rst	9800.787	1338-55-1	124	05/17/98	05:29:33 PM	HG + H2S04	1
1a 0513 125.rst	9800.787	1338-55-2	125	05/17/98	06:12:12 PM	HG + H2S04	1
1a 0513 126.rst	9800.787	5244	126	05/17/98	06:54:53 PM	HG + H2S04	1
1a 0513 127.rst	9800.787	5244MS	127	05/17/98	07:37:29 PM	HG + H2S04	1
1a 0513 128.rst	9800.787	HEXANE	128	05/18/98	06:26:25 AM	BAKER L20317	1
1a 0513 129.rst	CCV	0.2UG/ML AR1660	129	05/18/98	07:09:04 AM	445-184-7	1
1a 0513 130.rst	CCV	0.2UG/ML AR1254	130	05/18/98	07:51:39 AM	445-185-1	1
1a 0513 131.rst	9800.972/787	1248-173-1	131	05/18/98	09:38:24 AM	HG + H2S04	1
1a 0513 132.rst	9800.972/787	1248-173-2	132	05/18/98	10:21:00 AM	HG + H2S04	1
1a 0513 133.rst	9800.972/787	1248-173-3	133	05/18/98	11:03:44 AM	HG + H2S04	1
1a 0513 134.rst	9800.787	5232	134	05/18/98	11:46:20 AM	HG + H2S04	1
1a 0513 135.rst	9800.972	6617	135	05/18/98	12:28:56 PM	HG + H2S04	1
1a 0513 136.rst	9800.972	6618	136	05/18/98	01:11:34 PM	HG + H2S04	1
1a 0513 137.rst	9800.787	1338-55-1	137	05/18/98	01:54:07 PM	HG + H2S04	1
1a 0513 138.rst	9800.787	1338-55-2	138	05/18/98	02:36:51 PM	HG + H2S04	1
1a 0513 139.rst	9800.787	5244	139	05/18/98	03:19:28 PM	HG + H2S04	1
1a 0513 140.rst	9800.787	5244MS	140	05/18/98	04:02:09 PM	HG + H2S04	1
1a 0513 141.rst	9800.787	5244MSD	141	05/18/98	04:44:48 PM	HG + H2S04	1
1a 0513 142.rst		HEXANE	142	05/18/98	05:27:27 PM	BAKER L20317	1
1a 0513 143.rst	CCV	0.2UG/ML AR1660	143	05/18/98	06:09:13 PM	445-184-7	1
1a 0513 144.rst	CCV	0.2UG/ML AR1254	144	05/18/98	06:53:07 PM	445-185-1	1
1a 0513 145.rst	9800.787/902	OBLK 855-128-1	145	05/18/98	07:35:44 PM	HG + H2S04	1
1a 0513 146.rst	9800.787/902	OLCS 855-128-2	146	05/18/98	08:18:21 PM	HG + H2S04	1
1a 0513 147.rst	9800.787/902	OLCS 855-128-3	147	05/18/98	09:00:56 PM	HG + H2S04	1
1a 0513 148.rst	9800.787	5238	148	05/18/98	09:43:27 PM	HG + H2S04	1
1a 0513 149.rst	9800.787	5239	149	05/18/98	10:26:02 PM	HG + H2S04	1
1a 0513 150.rst	9800.787	5240	150	05/18/98	11:08:40 PM	HG + H2S04	1
1a 0513 151.rst	9800.902	6098	151	05/18/98	11:51:13 PM	HG + H2S04	1
1a 0513 152.rst	CCV	0.2UG/ML AR1242	152	05/19/98	12:33:48 AM	445-181-3	1
1a 0513 153.rst	CCV	0.2UG/ML AR1660	153	05/19/98	01:16:27 AM	445-184-7	1
1a 0513 154.rst	CCV	0.2UG/ML AR1254	154	05/19/98	01:59:00 AM	445-185-1	1
1a 0513 155.rst	9801.003	1338-61-1	155	05/19/98	02:41:37 AM	HG + H2S04+100UL/1ML	1
1a 0513 156.rst	9801.003	1338-61-2	156	05/19/98	03:24:14 AM	HG + H2S04+100UL/1ML	1
1a 0513 157.rst	9801.003	1338-61-3	157	05/19/98	04:06:45 AM	HG + H2S04+100UL/1ML	1
1a 0513 158.rst	9801.003	6863 10X	158	05/19/98	04:49:16 AM	HG + H2S04+100UL/1ML	10
1a 0513 159.rst		HEXANE	159	05/19/98	05:31:48 AM	BAKER L20317	1
1a 0513 160.rst	CCV	0.2UG/ML AR1242	160	05/19/98	06:14:25 AM	445-181-3	1

Witnessed & Understood by me, Date 5/19/98 Invented by Recorded by Date

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Project No._____
Book No. 1219 TITLE _____

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E. & E. Inc. ASC GC Lab Instrument Runlog

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Notebook # 1219 Page # 56

Method: SW-846 8082 SOP GC.73
Inst.ID: HP68901A/HP68901B
Operator: B. LEWANDOWSKI Init: BJ Date: 5/19/98

Oven Prog: 150C, 1 min, 5c/min => 280C, 11 min
Inj Temp: 200C Det Temp: 300C Detector A,B ECD,ECD
Column A: RTX-5 30M 0.53mm 1.0um film
Column B: RTX-35 30M 0.53mm 0.5um film

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File Name	Job Number	Sample Name	Samp Num.	Date of Injection	Time of Injection	COMMENTS	DCB DIL
1a 0513 161.rst	CCV	0.2UG/ML AR1660	161	05/19/98	06:57:04 AM	445-184-7	1
1a 0513 162.rst	CCV	0.2UG/ML AR1254	162	05/19/98	07:54:59 AM	445-185-1	1
1a 0513 163.rst	9801.003	6863 50X	163	05/19/98	09:16:31 AM	HG&H2S04&20UL/1ML	50
1a 0513 164.rst	9800.787	5238 10X	164	05/19/98	09:59:07 AM	HG&H2S04&100UL/1ML	10
1a 0513 165.rst		0.2UG/ML AR1242	165	05/19/98	10:41:44 AM	445-181-3	1
1a 0513 166.rst		0.2UG/ML AR1660	166	05/19/98	11:24:21 AM	445-184-7	1
1a 0513 167.rst		0.2UG/ML AR1254	167	05/19/98	12:13:16 PM	445-185-1	1
1a 0513 168.rst	9800.900	6074 10X	168	05/19/98	01:28:08 PM	HG&H2S04&100UL/1ML	10
1a 0513 169.rst	9800.900	6075 10X	169	05/19/98	02:10:50 PM	HG&H2S04&100UL/1ML	10
1a 0513 170.rst	9800.900	6076 5X	170	05/19/98	02:53:25 PM	HG&H2S04&200UL/1ML	5
1a 0513 171.rst	9800.900	6080 2X	171	05/19/98	03:36:06 PM	HG&H2S04&400UL/800UL	2
1a 0513 172.rst	9800.900	6081 2X	172	05/19/98	04:18:45 PM	HG&H2S04&400UL/800UL	2
1a 0513 173.rst	9800.900	6083 4X	173	05/19/98	05:01:24 PM	HG&H2S04&200UL/800UL	4
1a 0513 174.rst	9800.900	6083 MS 4X	174	05/19/98	05:44:01 PM	HG&H2S04&200UL/800UL	4
1a 0513 175.rst	9800.900	6083 MSD 4X	175	05/19/98	06:43:54 PM	HG&H2S04&200UL/800UL	4
1a 0513 176.rst	9800.900	6084 2X	176	05/19/98	07:26:34 PM	HG&H2S04&400UL/800UL	2
1a 0513 177.rst	9800.900	6085 5X	177	05/19/98	08:09:14 PM	HG&H2S04&100UL/1ML	5
1a 0513 178.rst		HEXANE	178	05/19/98	08:51:54 PM	BAKER L20317	1
1a 0513 179.rst	CCV	0.2UG/ML AR1660	179	05/19/98	09:34:25 PM	445-184-7	1
1a 0513 180.rst	CCV	0.2UG/ML AR1254	180	05/19/98	10:17:04 PM	445-185-1	1
1a 0513 181.rst	9800.915	SBLK 1338-41-1	181	05/19/98	10:59:41 PM	HG + H2S04	1
1a 0513 182.rst	9800.915	SLCS 1338-41-2	182	05/19/98	11:42:21 PM	HG + H2S04	1
1a 0513 183.rst	9800.915	6178	183	05/20/98	12:24:57 AM	HG + H2S04	1
1a 0513 184.rst	9800.915	6179	184	05/20/98	01:06:47 AM	HG + H2S04	1
1a 0513 185.rst	9800.915	6179 MS	185	05/20/98	01:50:43 AM	HG + H2S04	1
1a 0513 186.rst	9800.915	6179 MSD	186	05/20/98	02:33:16 AM	HG + H2S04	1
1a 0513 187.rst	9800.915	6180	187	05/20/98	03:15:52 AM	HG + H2S04	1
1a 0513 188.rst	9800.915	6181	188	05/20/98	03:58:32 AM	HG + H2S04	1
1a 0513 189.rst	9800.915	6182	189	05/20/98	04:41:08 AM	HG + H2S04	1
1a 0513 190.rst	9800.915	6183	190	05/20/98	05:23:46 AM	HG + H2S04	1
1a 0513 191.rst		HEXANE	191	05/20/98	06:06:24 AM	BAKER L20317	1
1a 0513 192.rst	CCV	0.2UG/ML AR1254	192	05/20/98	06:49:37 AM	445-185-1	1
1a 0513 193.rst	CCV	0.2UG/ML AR1660	193	05/20/98	07:32:16 AM	445-184-7	1
1a 0513 194.rst	9800.915	6184	194	05/20/98	08:14:53 AM	HG + H2S04	1
1a 0513 195.rst	9800.915	6185	195	05/20/98	08:57:35 AM	HG + H2S04	1

To Page No.____

Witnessed & Understood by me,	Date	Invented by	Date
Denise L. Giglia	5/20/98	Recorded by	

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E. & E. Inc. ASC GC Lab Instrument Runlog

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Notebook # 1219 Page # 57

Method: SW-846 8082 SOP GC.73
Inst.ID: HP68901A/HP68901B
Operator: B. LEWANDOWSKI Init: BL Date: 5/20/98

Oven Prog: 150C, 1 min, 5c/min => 280C, 11 min
Ini Temp: 200C Det Temp: 300C Detector A,B ECD,ECD
Column A: RTX-5 30M 0.53mm 1.0um film
Column B: RTX-35 30M 0.53mm 0.5um film

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File Name	Job Number	Sample Name	Samp Num.	Date of Injection	Time of Injection	COMMENTS	DCB DIL
1a 0513 196.rst	9800.915	6186	196	05/20/98	09:40:13 AM	HG + H2S04	1
1a 0513 197.rst	9800.915	6187	197	05/20/98	10:22:54 AM	HG + H2S04	1
1a 0513 198.rst	9800.915	6188	198	05/20/98	11:05:33 AM	HG + H2S04	1
1a 0513 199.rst	9800.915	6189	199	05/20/98	11:48:17 AM	HG + H2S04	1
1a 0513 200.rst	9800.915	6190	200	05/20/98	12:30:58 PM	HG + H2S04	1
1a 0513 201.rst	9800.915	6191	201	05/20/98	01:48:55 PM	HG + H2S04	1
1a 0513 202.rst	9800.915	6192	202	05/20/98	02:31:30 PM	HG + H2S04	1
1a 0513 203.rst	9800.915	6193	203	05/20/98	03:14:06 PM	HG + H2S04	1
1a 0513 204.rst		HEXANE	204	05/20/98	03:56:34 PM	BAKER L20317	1
1a 0513 205.rst	CCV	0.2UG/ML AR1254	205	05/20/98	04:39:18 PM	445-185-1	1
1a 0513 206.rst	CCV	0.2UG/ML AR1660	206	05/20/98	05:22:03 PM	445-184-7	1
1a 0513 207.rst	9800.915	6194	207	05/20/98	06:04:45 PM	HG + H2S04	1
1a 0513 208.rst	9800.915	6195	208	05/20/98	06:47:13 PM	HG + H2S04	1
1a 0513 209.rst	9800.915	6196	209	05/20/98	07:29:46 PM	HG + H2S04	1
1a 0513 210.rst	9800.915	6197	210	05/20/98	08:12:27 PM	HG + H2S04	1
1a 0513 211.rst	9800.915	6179 4X	211	05/20/98	08:55:01 PM	HG + H2S04&200UL/800U	4
1a 0513 212.rst	9800.915	6179 MS 4X	212	05/20/98	09:37:35 PM	HG + H2S04&200UL/800U	4
1a 0513 213.rst	9800.915	6179 MSD 4X	213	05/20/98	10:20:13 PM	HG + H2S04&200UL/800U	4
1a 0513 214.rst	9800.898	6044 10X	214	05/20/98	11:02:53 PM	HG + H2S04&100UL/1ML	10
1a 0513 215.rst	901/902/916	1338-39-2 1X	215	05/20/98	11:45:30 PM	HG + H2S04	1
1a 0513 216.rst		HEXANE	216	05/21/98	12:28:06 AM	BAKER L20317	1
1a 0513 217.rst	CCV	0.2UG/ML AR1254	217	05/21/98	01:10:37 AM	445-185-1	1
1a 0513 218.rst	CCV	0.2UG/ML AR1660	218	05/21/98	01:53:09 AM	445-184-7	1
1a 0513 219.rst	9800.876	WBK1248-149-3	219	05/21/98	02:35:45 AM	HG&H2S04	1
1a 0513 220.rst	9800.876	WLCS1248-149-2	220	05/21/98	03:18:17 AM	HG&H2S04	1
1a 0513 221.rst	9800.876	WLCS1248-149-1	221	05/21/98	04:00:49 AM	HG&H2S04	1
1a 0513 222.rst	9800.876	5877 20X	222	05/21/98	04:43:29 AM	HG&H2S04&50UL/1ML	20
1a 0513 223.rst	9800.876	5877 1X	223	05/21/98	05:26:09 AM	HG&H2S04	1
1a 0513 224.rst	9800.876	SBK1338-7-1	224	05/21/98	06:08:48 AM	HG&H2S04	1
1a 0513 225.rst	9800.876	SLCS1338-7-2	225	05/21/98	06:51:25 AM	HG&H2S04	1
1a 0513 226.rst	9800.876	5874 50X	226	05/21/98	07:34:03 AM	HG&H2S04&20UL/1ML	50
1a 0513 227.rst	9800.876	5875 1X	227	05/21/98	08:16:33 AM	HG&H2S04	1
1a 0513 228.rst	9800.876	5876 5X	228	05/21/98	08:59:09 AM	HG&H2S04&200UL/1ML	5
1a 0513 229.rst	9800.876	5876 MS 5X	229	05/21/98	09:41:37 AM	HG&H2S04&200UL/1ML	5
1a 0513 230.rst	9800.876	5876 MSD 5X	230	05/21/98	10:24:08 AM	HG&H2S04&200UL/1ML	5
1a 0513 231.rst		HEXANE	231	05/21/98	11:06:38 AM	BAKER L20317	1
1a 0513 232.rst	CCV	0.2UG/ML AR1254	232	05/21/98	11:49:09 AM	445-185-1	1
1a 0513 233.rst	CCV	0.2UG/ML AR1660	233	05/21/98	12:31:26 PM	445-184-7	1

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Witnessed & Understood by me,	Date	Invented by	Date
[illegible]	5/20/98	Recorded by	

PCBs Calculations

PCBs are calculated using the total area of the 5 identified peaks divided by the average of the 5 mean calibration factors (Cf) for the individual biphenyls.

(Total Area) / (Average of all the calibration Factors) = Raw Amount (ng)

This value is reported on the front of the PCB Quantification Report for each specific Aroclor.

The individual biphenyl peaks are calculated separately under the Group Report heading using the individual calibration factors for each biphenyl. This is used to examine the relative ratios of the peaks within the Aroclor pattern, thus allowing the analyst to check for any skewing of the pattern.

The average of the total amounts of the individual peaks, is mathematically similiar to the raw amount reported using the total area and average Cf. The group report is only used as an inspection tool to verify results of the total PCB quantification.