212038

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 27, 1998

RECEIVED
MAY 28 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: 9800.916

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 9800.916.

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

CW/fal
Enclosure

recycled paper

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4493 Walden Avenue
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Tel. (716) 685-8080, Fax: (716) 685-0852

RECEIVED
MAY 28 1998

May 27, 1998

LAB NAME: Ecology & Environment Inc.

PROJECT NUMBER: RFP #2535

SDG NARRATIVE:

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

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

Due to rounding or the chromatographers opinion not to use of some of the identified peaks due to interferences, some PCB quantitation values on the sample chromatograms may differ from the results reported on the form I.

Samples underwent sulfur cleanup procedures.

The aqueous matrix spike/matrix spike duplicate analyses of sample RB-2 were extracted using 500 mL each due to limited sample volume.

Samples A4-004, A4-005, A4-005, and A4-009 required analysis at secondary dilutions due to the concentrations of PCBs present.

Recovery of the surrogate decachlorobiphenyl was not met for sample RB-2 on both columns. PBLKW1 did not meet the surrogate recovery criteria for tetrachloro-m-xylene on both columns. Sample A4-007 did not meet any of the surrogate recovery criterion. Recoveries were all low, ranging from 16% to 49% (lower limits are 50%).

The continuing calibration check standard analyzed on 5/26/98 at 1847 hours did not meet the response criteria for decachlorobiphenyl on both columns. Response was low, but sufficient for detection. Associated samples met the recovery criteria for decachlorobiphenyl.

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.

Caryn Wojtowicz

Caryn Wojtowicz - Project Manager
Analytical Services Center
May 27, 1998

recycled paper

RFP No.: 2535

PO No.: 92116

CHAIN OF CUSTODY RECORD

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

3 of 3

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #s)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER
A4-003	5/5/98 ~~0 1325~~ 1325	5	L	G	6				X						
A4-004	1332								X						
A4-005	1330								X						
A4-006	1440								X						
A4-007	1350								X						
A4-008	1405								X						
A4-009	1300								X						
A4-010	1315								X						
A4-011	1415								X						
RB-2	1515								X						
									X						

Comments: 5 pt calibration using Aroclor 1254 STD

Person Assuming Responsibility for Sample: T. O'Neill — Time: 1630 — Date (MM/DD/YY): 5/5/98

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Thomas O'Neill	1530	5/5/98		
All	Fred Ex	1030	5/6/98	[illegible]	

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C. and GRR Environmental Services

Ecology and Environment, Inc. Analytical Services Center

Cooler Receipt Form

PACKAGE RECEIPT #: 653 NUMBER OF COOLERS: 1 DATE RECEIVED: 5-6-98

E & E PROJECT #: _____ PROJECT OR SITE NAME: Weston

A. Preliminary Examination Phase

CIRCLE ONE

1. Did coolers come with airbill or packing slip? _____ YES NO NA

   Enter carrier here and print airbill # below: FedEx

2. Did cooler(s) have custody seals? _____ YES NO NA

   If YES, how many and where? 2 on Seam

3. Were custody seals unbroken and intact on receipt? _____ YES NO* NA

4. Were custody seals dated and signed? _____ YES NO NA

   If YES, enter date: _____ Name: _____

5. Sign here to acknowledge receipt of cooler (s): _____

   Date cooler(s) opened: 5/6/98 C-O-C numbers: _____

   Cooler(s) opened by (print): Kelly Gordon Signature: _____

6. Were the C-O-C forms received? _____ YES NO* NA

7. Was the project identifiable from the C-O-C form? _____ YES NO* NA
   If YES, enter the project number and name in the heading above.

Please record Temperature Blank or Cooler Temperature for Each Cooler, Range (2 - 5°C)*

AIRBILL #	TEMP. °C	AIRBILL #	TEMP. °C	AIRBILL #	TEMP. °C
4811728983	3.0				

Thermometer # _____ Correction factor _____

B. Unpacking Phase

8. Was enough packing material used in cooler(s)? _____ YES NO NA
   Type of material: ☑ Vermiculite ☐ Bubble Wrap ☐ Other

9. If required, was enough ice used? _____ YES NO NA
   If YES, type of ice used: ☑ Wet ☐ Dry ☐ Blue ☐ Other

10. Was a temperature blank included inside cooler(s)? _____ YES NO NA
    If YES, indicate temperature blank temperature in table above. If NO, indicate cooler temperature in table above.

11. Were all containers sealed in separate plastic bags? _____ YES NO NA

12. Did all containers arrive unbroken and in good condition? _____ YES NO* NA

C. Login Phase

Samples Logged in By (print): William H. Howard Signature: _____ Date: 5-6-98

13. Were all container labels complete (e.g. date, time preserv)? _____ YES NO* NA

14. Were all C-O-C forms filled out properly in ink and signed? _____ YES NO* NA

15. Did the C-O-C form agree with containers received? _____ YES NO* NA

16. Were the correct containers used for the tests requested? _____ YES NO* NA

17. Were the correct preservatives listed on the sample labels? _____ YES NO* NA

18. Was a sufficient sample volume sent for the tests requested? _____ YES NO* NA

19. Were all volatile samples received without head space? _____ YES NO* NA

* If No or Temperature Outside of Acceptable Range, a Corrective Action Form Must Be Filed.

JOB NUMBER : 9800.916

Ecology and Environment, Inc.
SAMPLE TRACKING REPORT

SAMPLE NUMBER	CLIENT SAMPLE ID		DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
SOLIDS TOTAL		-S			
6198.01	A4-001		05/05/98		05/21/98
6199.01	A4-002		05/05/98		05/21/98
6200.01	A4-003		05/05/98		05/21/98
6201.01	A4-004		05/05/98		05/21/98
6202.01	A4-005		05/05/98		05/21/98
6203.01	A4-006		05/05/98		05/21/98
6204.01	A4-007		05/05/98		05/21/98
6205.01	A4-008		05/05/98		05/21/98
6206.01	A4-009		05/05/98		05/21/98
6207.01	A4-010		05/05/98		05/21/98
6208.01	A4-011		05/05/98		05/21/98

TEST CODE :STS 1 JOB NUMBER :9800.916
ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : ROY F. WESTON
TEST NAME : SOLIDS TOTAL UNITS : %
PARAMETER : Solids-Total

SAMPLE ID	RESULTS	Q
EE-98-06198		
A4-001	80	
EE-98-06199		
A4-002	79	
EE-98-06200		
A4-003	80	
EE-98-06201		
A4-004	81	
EE-98-06202		
A4-005	78	
EE-98-06203		
A4-006	80	
EE-98-06204		
A4-007	78	
EE-98-06205		
A4-008	82	
EE-98-06206		
A4-009	78	
EE-98-06207		
A4-010	74	
EE-98-06208		
A4-011	91	

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE

QUALITY CONTROL FOR PRECISION
RESULTS OF ANALYSIS OF DUPLICATE
ANALYSES OF SOLID SAMPLES

9800.916

(%)

Parameter	E & E Laboratory No. 98-	Sample Result	Duplicate Result	Relative Percent Difference (RPD)
Solids-Total	Batch QC	85.0	86.1	1.3

THIS RPD IS WITHIN E & E, INC. QC TARGETS.

Project No. 1238
Book No. 1238 TITLE

From Page No.

Test Performed: STS
Date Analyzed: 5/21/98
Work Performed by: malissa Offerbeck (T) / Nile Macario / Paul Bernard

9805211170
In at 12:30 @ 105°C mos 5/21/98
(T) out at 7:20 @ 103°C mc 5/22/98

Method: GAC 14
Instrument: mettler pm 300
Stock: NA
Prepared: NA Book Page: NA
Stand.: NA Book Page: NA
Curve Date: NA Expires: NA
Other: NA

Job #	Sample ID	Dish #	Dish wt. (g)	Wet wt. Sample (g)	Dry wt (g) Dish+Sample	% Solid	% moisture
9800.916	6198.01	1	1.83	5.88	6.55	80.3	19.7
	6199.01	2	1.83	6.21	6.73	78.9	21.1
	6200.01	3	1.84	6.47	7.01	79.9	20.1
	6201.01	4	1.83	7.04	7.54	81.1	18.9
	6202.01	5	1.83	7.45	7.67	78.4	21.6
	6203.01	6	1.83	5.84	6.52	80.3	19.7
	6204.01	7	1.84	6.67	7.05	78.1	21.9
	6205.01	8	1.84	5.68	6.49	81.9	18.1
	6206.01	9	1.86	5.73	6.36	78.5	21.5
	6207.01	10	1.85	7.08	7.08	73.9	26.1
	6208.01	11	1.84	8.08	9.18	90.8	9.16
9800.966	6555.01	12	1.85	5.27	4.52	50.7	49.3
9801.030	7051.01	13	1.83	5.45	6.41	84.0	16.0
	7052.01	14	1.84	5.59	6.79	88.6	11.4
	7053.01	15	1.84	5.15	6.07	82.1	17.9
	7054.01	16	1.82	5.98	6.52	78.6	21.4
	7055.01	17	1.86	5.66	6.80	87.3	12.7
	7056.01	18	1.87	5.30	6.26	82.8	17.2
	7057.01	19	1.84	6.11	7.11	86.3	RPD 1.3% 13.7
	7058.01	20	1.86	6.26	7.18	85.0	15.0
	7058.01 dup	21	1.85	6.68	7.60	86.1	13.9
	7059.01	22	1.85	5.22	5.69	73.6	26.4
9800.909	6127.04	23	1.84	5.44	6.39	83.6	16.4
	6128.04	24	1.83	5.92	6.59	80.4	19.6
	6129.04	25	1.82	6.25	7.02	83.2	16.8
	6130.04	26	1.84	5.42	6.25	81.4	18.6
	6131.04	27	1.84	6.76	7.31	80.9	19.1
9800.988	6725.01	28	1.85	6.00	7.02	86.2	13.8

To Page No.

Witnessed & Understood by me, Paul F. Bernard
Date 5-22-98
Invented by
Recorded by
Date

mc 5/22/98
TITLE
From Page No.
Test Performed: S
Date Analyzed: 5/
Work Performed by: m

Job #
9800.988
9801.051
9801.004

Witnessed & Under
Paul F. B

4C
PCB METHOD BLANK SUMMARY

SAMPLE NO.

PBLKS1

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

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	A4-001	6198	05/16/98	05/16/98
02	A4-001MS	6198MS	05/17/98	05/17/98
03	A4-001MSD	6198MSD	05/17/98	05/17/98
04	A4-002	6199	05/16/98	05/16/98
05	A4-003	6200	05/16/98	05/16/98
06	A4-004	6201	05/26/98	05/26/98
07	A4-005	6202	05/26/98	05/26/98
08	A4-006	6203	05/26/98	05/26/98
09	A4-007	6204	05/26/98	05/26/98
10	A4-008	6205	05/17/98	05/17/98
11	A4-009	6206	05/26/98	05/26/98
12	A4-010	6207	05/17/98	05/17/98
13	A4-011	6208	05/17/98	05/17/98

COMMENTS:

FORM IV PEST

SW8082

4C
PCB METHOD BLANK SUMMARY

SAMPLE NO.

PBLKW1

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

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)

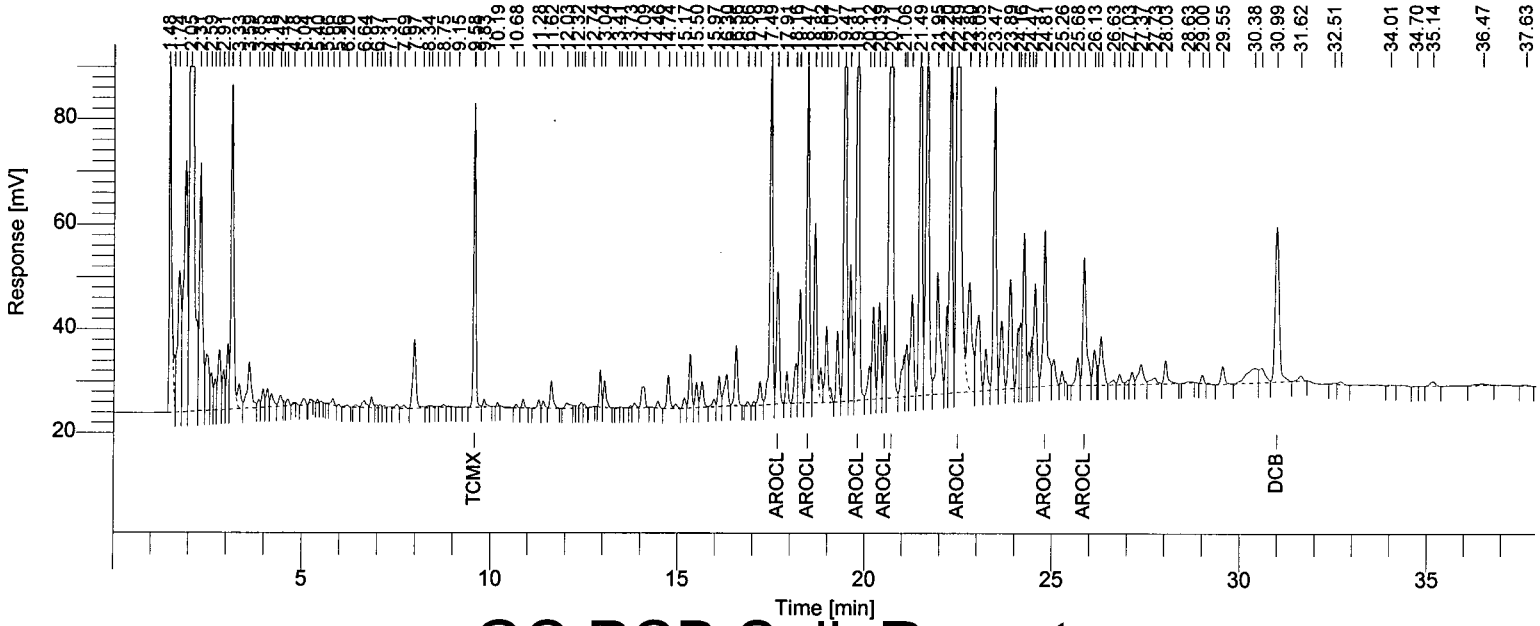
THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	RB-2	6209	05/15/98	05/15/98
02	RB-2MS	6209MS	05/15/98	05/15/98
03	RB-2MSD	6209MSD	05/15/98	05/15/98

COMMENTS:

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:20:18 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6198 1X
Sample Number	: 097	Study	: 9800.916
AutoSampler	: BUILT-IN	Rack/Vial	: 1/97
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 22:18:21 PM	Cycle	: 97

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_097.raw
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_097.rst
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_097.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
49	9.58	TCMX	237035	0.0225	0.0075	10.0	30.000	1.0
	22.49	AR1254	2830415	0.6671	0.2224	10.0	30.000	1.0
	24.81	AR1260	420203	0.1015	0.0338	10.0	30.000	1.0
147	30.99	DCB	223689	0.0207	0.0069	10.0	30.000	1.0
			3711342	0.8118		40.0	120.000	4.0

05/21/98 17:20:18 PM Result:
\\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_097.rst

Group Report For : AR1254

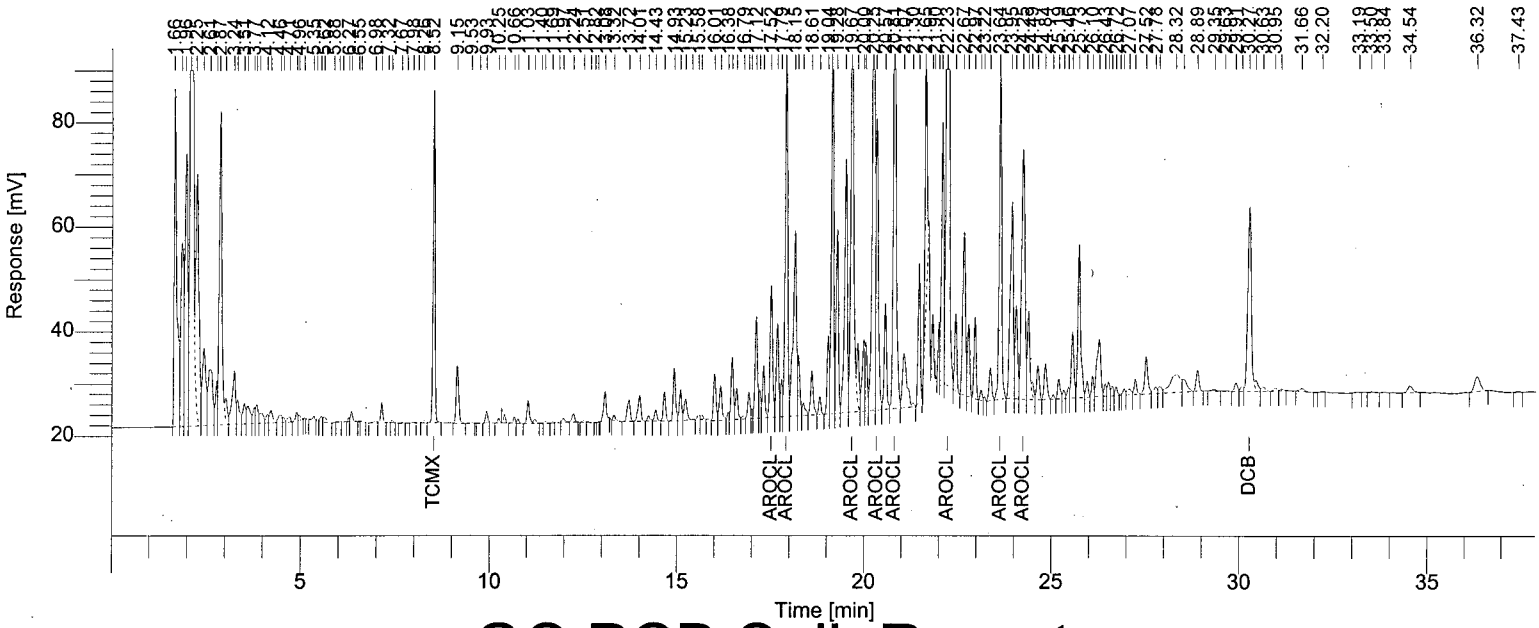
Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/g	Final Vol. (ml)	Amt Ext. (gr)	Dilution Factor
86	17.67	Aroclor 1254-1	135743	0.2174	0.0725	10.0	30.000	1.0
90	18.47	Aroclor 1254-2	326585	0.3605	0.1202	10.0	30.000	1.0
98	19.81	Aroclor 1254-3	498673	0.5441	0.1814	10.0	30.000	1.0
103	20.71	Aroclor 1254-4	765410	0.7718	0.2571	10.0	30.000	1.0
112	22.49	Aroclor 1254-5	1104004	1.3734	0.4578	10.0	30.000	1.0
			2830415	3.2666		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
102	20.53	Aroclor 1260-1	62711	0.0789	0.0263	10.0	30.000	1.0
125	24.81	Aroclor 1260-4	196696	0.1882	0.0627	10.0	30.000	1.0
130	25.86	Aroclor 1260-5	160796	0.3204	0.1068	10.0	30.000	1.0
			420203	0.5875		30.0	90.000	3.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:20:21 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6198 1X
Sample Number	: 097	Study	: 9800.916
AutoSampler	: BUILT-IN	Rack/Vial	: 1/97
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 22:18:21 PM	Cycle	: 97

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_097.raw
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_097.rst
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_097.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	225863	0.0208	0.0069	10.0	30.00	1.0
	22.23	AR1254	2445564	0.6661	0.2220	10.0	30.00	1.0
	23.64	AR1260	846412	0.1931	0.0644	10.0	30.00	1.0
163	30.27	DCB	230238	0.0200	0.0067	10.0	30.00	1.0

05/21/98 17:20:21 PM Result:
\\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_097.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
91	17.52	Aroclor 1254-1	121819	0.2071	0.0690	10.0	30.00	1.0
94	17.91	Aroclor 1254-2	330431	0.4356	0.1452	10.0	30.00	1.0
104	19.67	Aroclor 1254-3	479407	0.4673	0.1558	10.0	30.00	1.0
111	20.81	Aroclor 1254-4	495676	0.8772	0.2924	10.0	30.00	1.0
120	22.23	Aroclor 1254-5	1018230	1.3871	0.4624	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	20.33	Aroclor 1260-1	250924	0.2899	0.0966	10.0	30.00	1.0
128	23.64	Aroclor 1260-4	290981	0.4556	0.1519	10.0	30.00	1.0
131	24.25	Aroclor 1260-5	304508	0.2598	0.0866	10.0	30.00	1.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:20:24 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6199 1X
Sample Number	: 098	Study	: 9800.916
AutoSampler	: BUILT-IN	Rack/Vial	: 1/98
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 23:00:57 PM	Cycle	: 98

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Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_098.rst
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_098.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
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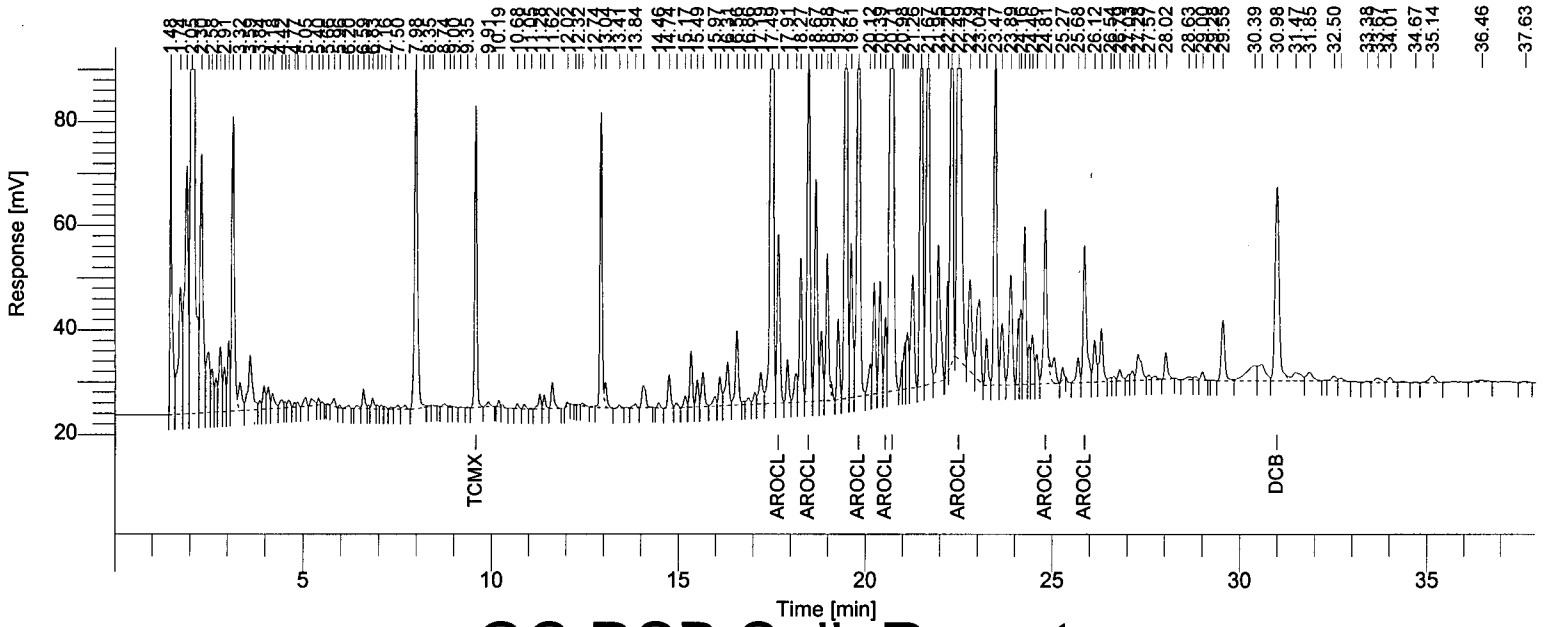

GC PCB Soil Report

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
52	9.58	TCMX	236942	0.0225	0.0075	10.0	30.000	1.0
	22.49	AR1254	3082593	0.7265	0.2422	10.0	30.000	1.0
	24.81	AR1260	426729	0.1030	0.0343	10.0	30.000	1.0
152	30.98	DCB	288081	0.0267	0.0089	10.0	30.000	1.0
			4034345	0.8787		40.0	120.000	4.0

05/21/98 17:20:24 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	172252	0.2758	0.0919	10.0	30.000	1.0
93	18.47	Aroclor 1254-2	370320	0.4088	0.1363	10.0	30.000	1.0
101	19.81	Aroclor 1254-3	607388	0.6627	0.2209	10.0	30.000	1.0
106	20.71	Aroclor 1254-4	820314	0.8266	0.2755	10.0	30.000	1.0
116	22.49	Aroclor 1254-5	1112319	1.3837	0.4612	10.0	30.000	1.0
			3082593	3.5577		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	63452	0.0799	0.0266	10.0	30.000	1.0
129	24.81	Aroclor 1260-4	197206	0.1887	0.0629	10.0	30.000	1.0
133	25.85	Aroclor 1260-5	166071	0.3309	0.1103	10.0	30.000	1.0
			426729	0.5995		30.0	90.000	3.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:20:27 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6199 1X
Sample Number	: 098	Study	: 9800.916
AutoSampler	: BUILT-IN	Rack/Vial	: 1/98
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 23:00:57 PM	Cycle	: 98

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Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_098.rst
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_098.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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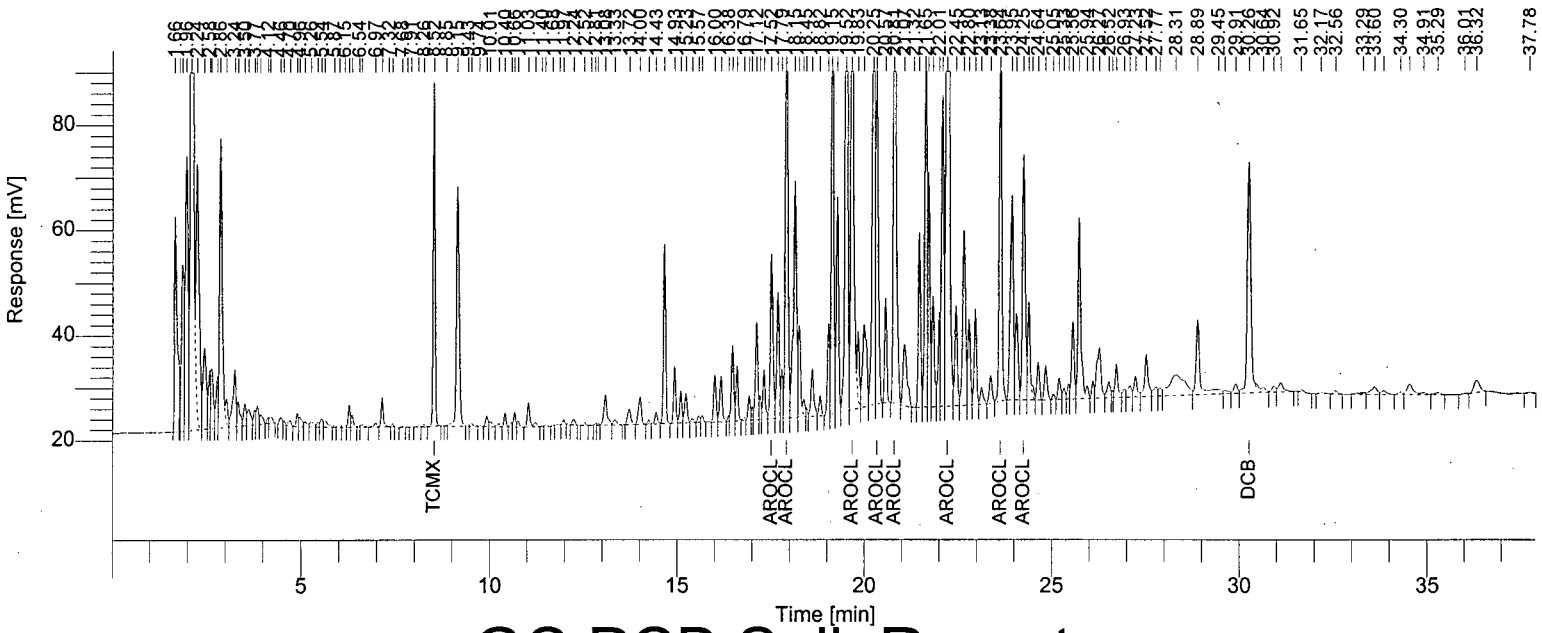

GC PCB Soil Report

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
48	8.52	TCMX	231841	0.0214	0.0071	10.0	30.00	1.0
	22.23	AR1254	2920010	0.7953	0.2651	10.0	30.00	1.0
	23.64	AR1260	873533	0.1993	0.0664	10.0	30.00	1.0
164	30.26	DCB	296270	0.0257	0.0086	10.0	30.00	1.0

05/21/98 17:20:27 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
97	17.52	Aroclor 1254-1	155496	0.2644	0.0881	10.0	30.00	1.0
100	17.92	Aroclor 1254-2	405498	0.5346	0.1782	10.0	30.00	1.0
111	19.67	Aroclor 1254-3	563316	0.5491	0.1830	10.0	30.00	1.0
117	20.81	Aroclor 1254-4	538193	0.9524	0.3175	10.0	30.00	1.0
126	22.23	Aroclor 1254-5	1257508	1.7131	0.5710	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
115	20.33	Aroclor 1260-1	284916	0.3292	0.1097	10.0	30.00	1.0
133	23.64	Aroclor 1260-4	343640	0.5380	0.1793	10.0	30.00	1.0
136	24.25	Aroclor 1260-5	244978	0.2090	0.0697	10.0	30.00	1.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:20:30 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6200 1X
Sample Number	: 099	Study	: 9800.916
AutoSampler	: BUILT-IN	Rack/Vial	: 1/99
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 23:43:34 PM	Cycle	: 99

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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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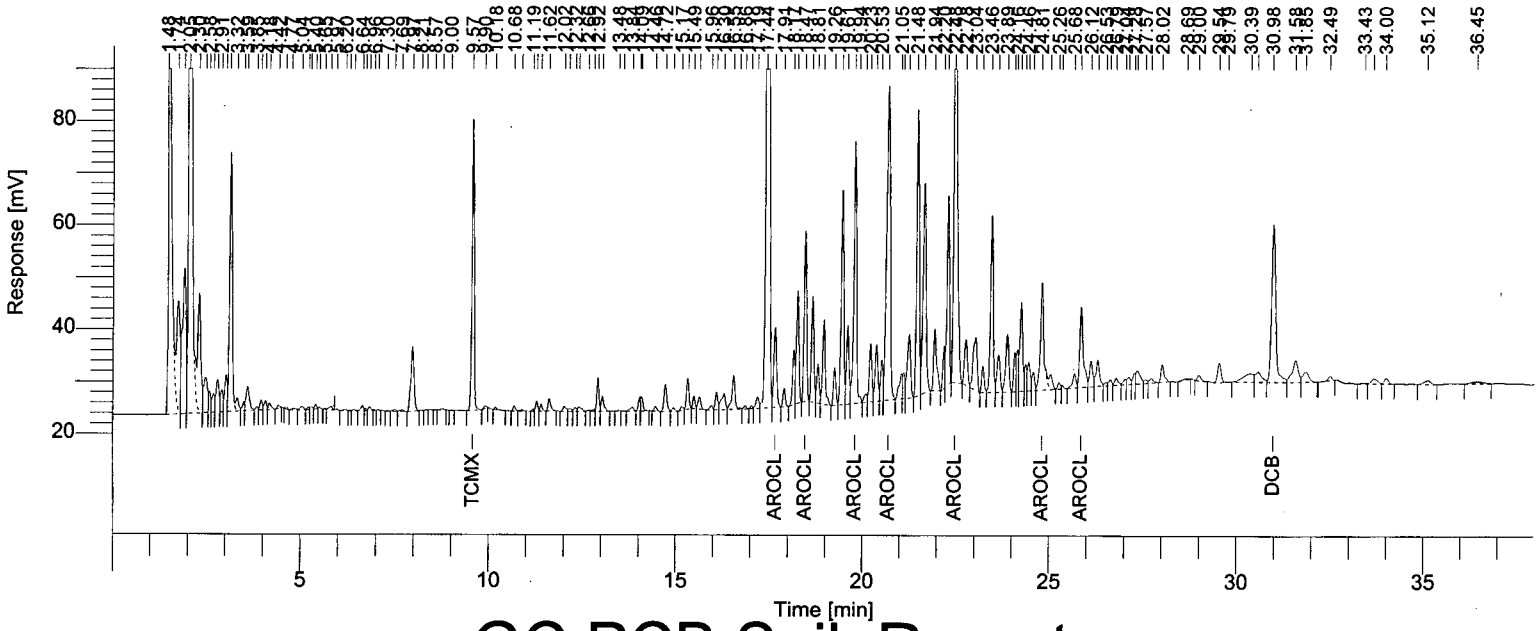

GC PCB Soil Report

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
48	9.57	TCMX	227585	0.0216	0.0072	10.0	30.000	1.0
	22.48	AR1254	1478407	0.3484	0.1161	10.0	30.000	1.0
	24.81	AR1260	235330	0.0568	0.0189	10.0	30.000	1.0
149	30.98	DCB	233937	0.0217	0.0072	10.0	30.000	1.0
			2175258	0.4486		40.0	120.000	4.0

05/21/98 17:20:30 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
86	17.66	Aroclor 1254-1	82254	0.1317	0.0439	10.0	30.000	1.0
90	18.47	Aroclor 1254-2	156338	0.1726	0.0575	10.0	30.000	1.0
97	19.80	Aroclor 1254-3	256559	0.2799	0.0933	10.0	30.000	1.0
103	20.71	Aroclor 1254-4	414725	0.4179	0.1393	10.0	30.000	1.0
112	22.48	Aroclor 1254-5	568530	0.7073	0.2358	10.0	30.000	1.0
			1478407	1.7094		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
125	24.81	Aroclor 1260-4	131869	0.1262	0.0421	10.0	30.000	1.0
130	25.85	Aroclor 1260-5	103460	0.2061	0.0687	10.0	30.000	1.0
			235330	0.3323		30.0	90.000	3.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:20:33 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6200 1X
Sample Number	: 099	Study	: 9800.916
AutoSampler	: BUILT-IN	Rack/Vial	: 1/99
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 23:43:34 PM	Cycle	: 99

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Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_099.rst
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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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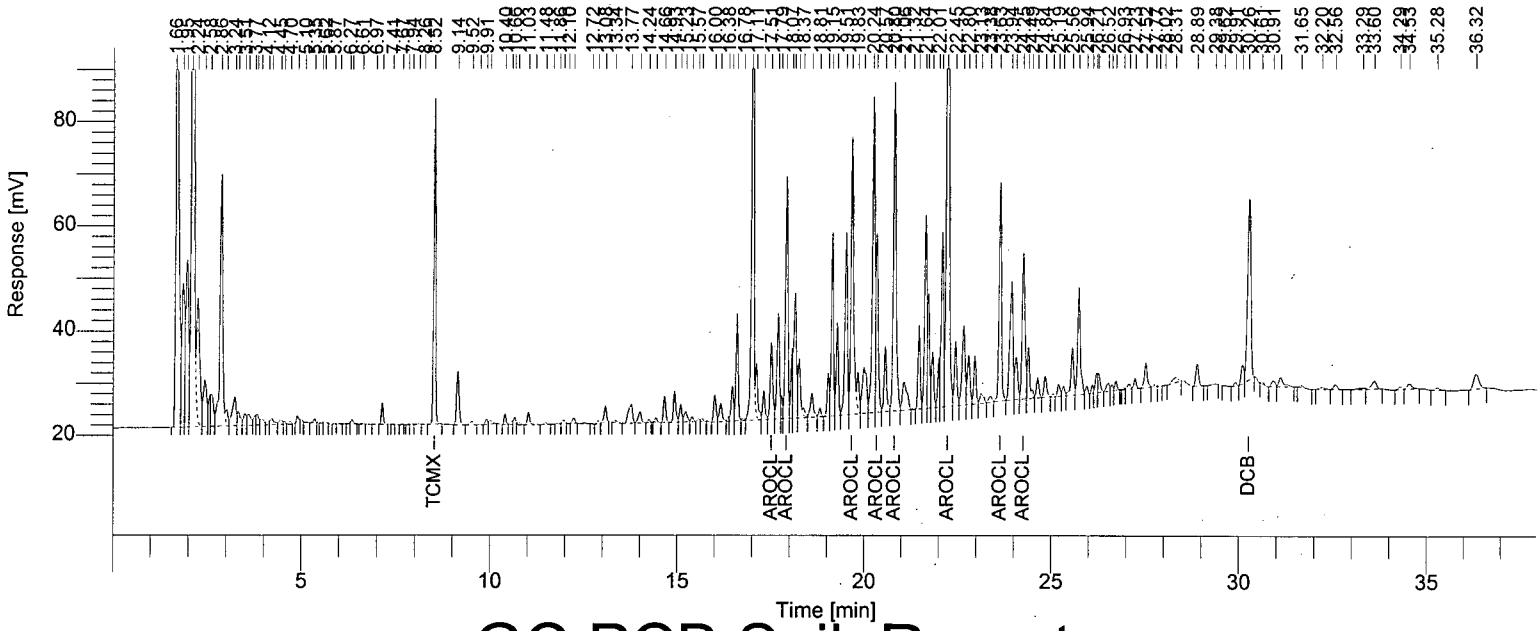

GC PCB Soil Report

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
41	8.52	TCMX	220990	0.0204	0.0068	10.0	30.00	1.0
	22.23	AR1254	1484601	0.4043	0.1348	10.0	30.00	1.0
	23.63	AR1260	487147	0.1111	0.0370	10.0	30.00	1.0
152	30.26	DCB	210852	0.0183	0.0061	10.0	30.00	1.0

05/21/98 17:20:33 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
83	17.51	Aroclor 1254-1	72466	0.1232	0.0411	10.0	30.00	1.0
86	17.91	Aroclor 1254-2	215241	0.2838	0.0946	10.0	30.00	1.0
97	19.67	Aroclor 1254-3	268378	0.2616	0.0872	10.0	30.00	1.0
103	20.80	Aroclor 1254-4	315793	0.5588	0.1863	10.0	30.00	1.0
112	22.23	Aroclor 1254-5	612723	0.8347	0.2782	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
101	20.33	Aroclor 1260-1	151015	0.1745	0.0582	10.0	30.00	1.0
119	23.63	Aroclor 1260-4	186940	0.2927	0.0976	10.0	30.00	1.0
122	24.25	Aroclor 1260-5	149192	0.1273	0.0424	10.0	30.00	1.0

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:07:37 AM
Operator	: LEWANDOWSKIB	Sample Name	: 6201
Sample Number	: 004	Study	: 9800.916
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	: 10.00
Data Acquisition Time	: 05/26/98 20:12:59 PM	Cycle	: 4

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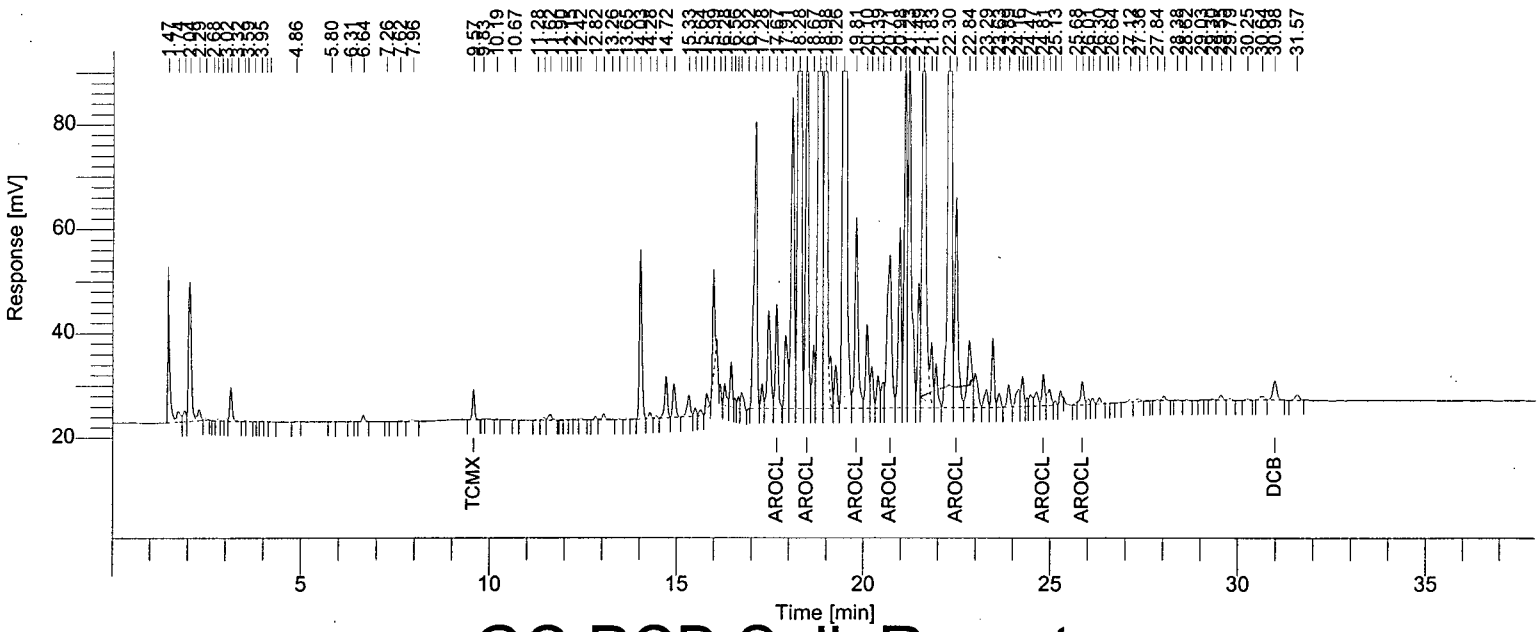
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980526320R\HP68_0526R.seq



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
26	9.57	TCMX	23126	0.0022	0.0073	10.0	30.000	10.0
	18.48	AR1254	1272415	0.2999	0.9996	10.0	30.000	10.0
	~~24.81~~	~~AR1260~~	56210	0.0136	0.0452	10.0	30.000	10.0
126	30.98	DCB	27580	0.0026	0.0085	10.0	30.000	10.0
			1379332	0.3182		40.0	120.000	40.0

BM 5/27/98

05/27/98 10:07:37 AM 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
64	17.67	Aroclor 1254-1	100616	0.1611	0.5371	10.0	30.000	10.0
68	18.48	Aroclor 1254-2	470463	0.5193	1.7311	10.0	30.000	10.0
75	19.81	Aroclor 1254-3	220048	0.2401	0.8003	10.0	30.000	10.0
80	20.71	Aroclor 1254-4	245549	0.2474	0.8248	10.0	30.000	10.0
89	22.48	Aroclor 1254-5	235740	0.2933	0.9775	10.0	30.000	10.0
			1272415	1.4612		50.0	150.000	50.0

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	10.0
101	24.81	Aroclor 1260-4	29759	0.0285	0.0949	10.0	30.000	10.0
106	25.85	Aroclor 1260-5	26451	0.0527	0.1757	10.0	30.000	10.0
			56210	0.0812		30.0	90.000	30.0

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:07:40 AM
Operator	: LEWANDOWSKIB	Sample Name	: 6201
Sample Number	: 004	Study	: 9800.916
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	: 10.00
Data Acquisition Time	: 05/26/98 20:12:59 PM	Cycle	: 4

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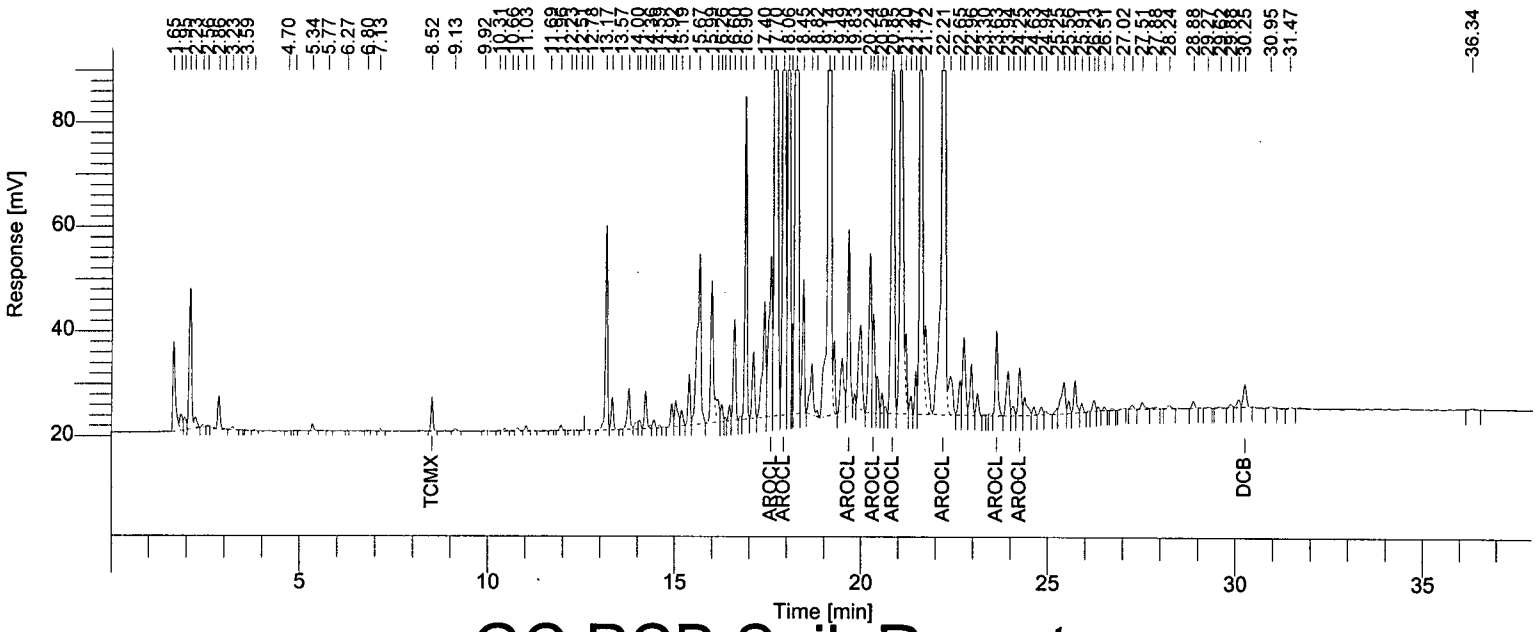
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980526320R\HP68_0526R.seq



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
21	8.52	TCMX	23043	0.0021	0.0071	10.0	30.00	10.0
	20.33	~~AR1260~~	~~212178~~	0.0484	0.1614	10.0	30.00	10.0
	22.21	AR1254	3617757	0.9853	3.2844	10.0	30.00	10.0
127	30.25	DCB	25729	0.0022	0.0074	10.0	30.00	10.0

BG/5/27/98

05/27/98 10:07:40 AM 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
63	17.58	Aroclor 1254-1	188238	0.3200	1.0668	10.0	30.00	10.0
65	17.92	Aroclor 1254-2	1065585	1.4048	4.6828	10.0	30.00	10.0
75	19.66	Aroclor 1254-3	148149	0.1444	0.4814	10.0	30.00	10.0
83	20.85	Aroclor 1254-4	502381	0.8890	2.9634	10.0	30.00	10.0
90	22.21	Aroclor 1254-5	1713404	2.3341	7.7805	10.0	30.00	10.0

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
79	20.33	Aroclor 1260-1	86179	0.0996	0.3319	10.0	30.00	10.0
99	23.63	Aroclor 1260-4	76688	0.1201	0.4002	10.0	30.00	10.0
102	24.25	Aroclor 1260-5	49311	0.0421	0.1403	10.0	30.00	10.0

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:07:42 AM
Operator	: LEWANDOWSKIB	Sample Name	: 6202
Sample Number	: 005	Study	: 9800.916
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	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 2.00
Data Acquisition Time	: 05/26/98 20:55:36 PM	Cycle	: 5

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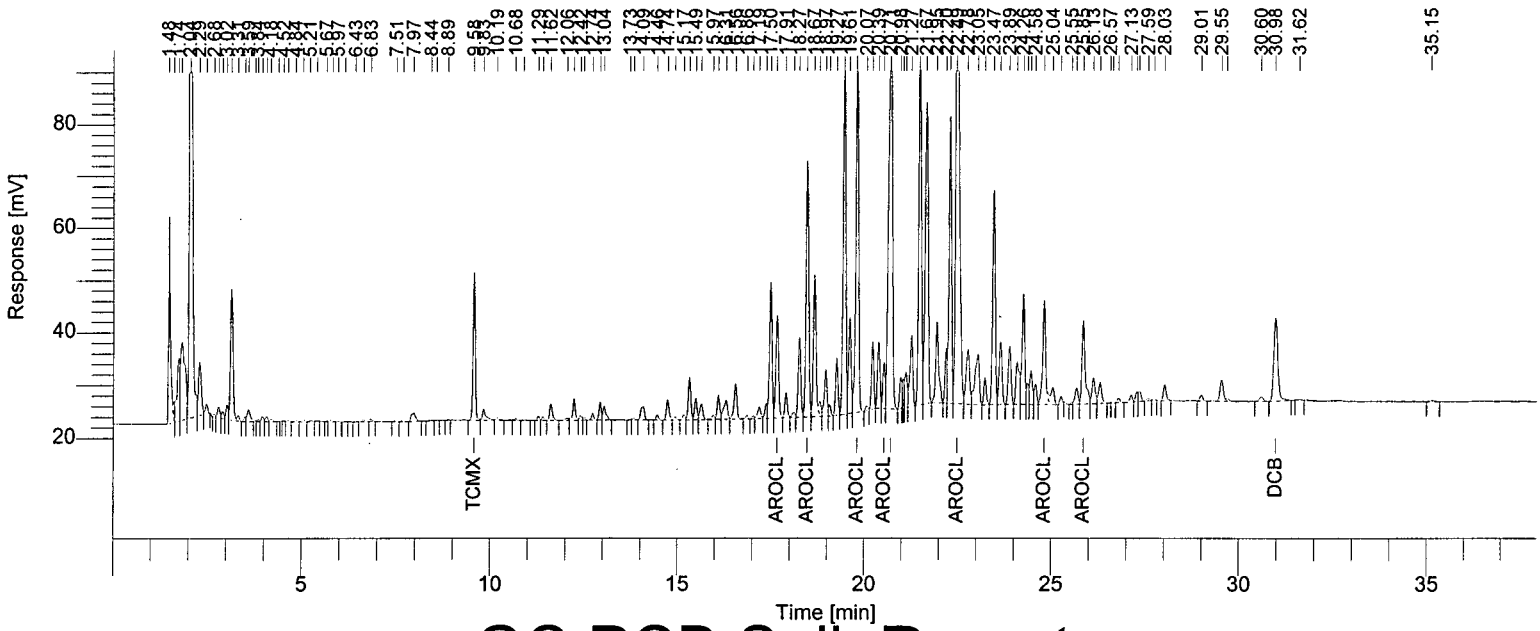

GC PCB Soil Report

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
41	9.58	TCMX	113269	0.0108	0.0072	10.0	30.000	2.0
	22.49	AR1254	1995707	0.4703	0.3136	10.0	30.000	2.0
	24.81	AR1260	243640	0.0588	0.0392	10.0	30.000	2.0
135	30.98	DCB	117959	0.0109	0.0073	10.0	30.000	2.0
			2470575	0.5509		40.0	120.000	8.0

05/27/98 10:07:42 AM 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
75	17.67	Aroclor 1254-1	101135	0.1620	0.1080	10.0	30.000	2.0
79	18.47	Aroclor 1254-2	247173	0.2728	0.1819	10.0	30.000	2.0
87	19.81	Aroclor 1254-3	347747	0.3794	0.2529	10.0	30.000	2.0
92	20.71	Aroclor 1254-4	532875	0.5370	0.3580	10.0	30.000	2.0
102	22.49	Aroclor 1254-5	766776	0.9539	0.6359	10.0	30.000	2.0
			1995707	2.3051		50.0	150.000	10.0

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
91	20.53	Aroclor 1260-1	36089	0.0454	0.0303	10.0	30.000	2.0
114	24.81	Aroclor 1260-4	110752	0.1060	0.0707	10.0	30.000	2.0
119	25.85	Aroclor 1260-5	96798	0.1929	0.1286	10.0	30.000	2.0
			243640	0.3443		30.0	90.000	6.0

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:07:45 AM
Operator	: LEWANDOWSKIB	Sample Name	: 6202
Sample Number	: 005	Study	: 9800.916
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	: 38.00 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 2.00
Data Acquisition Time	: 05/26/98 20:55:36 PM	Cycle	: 5

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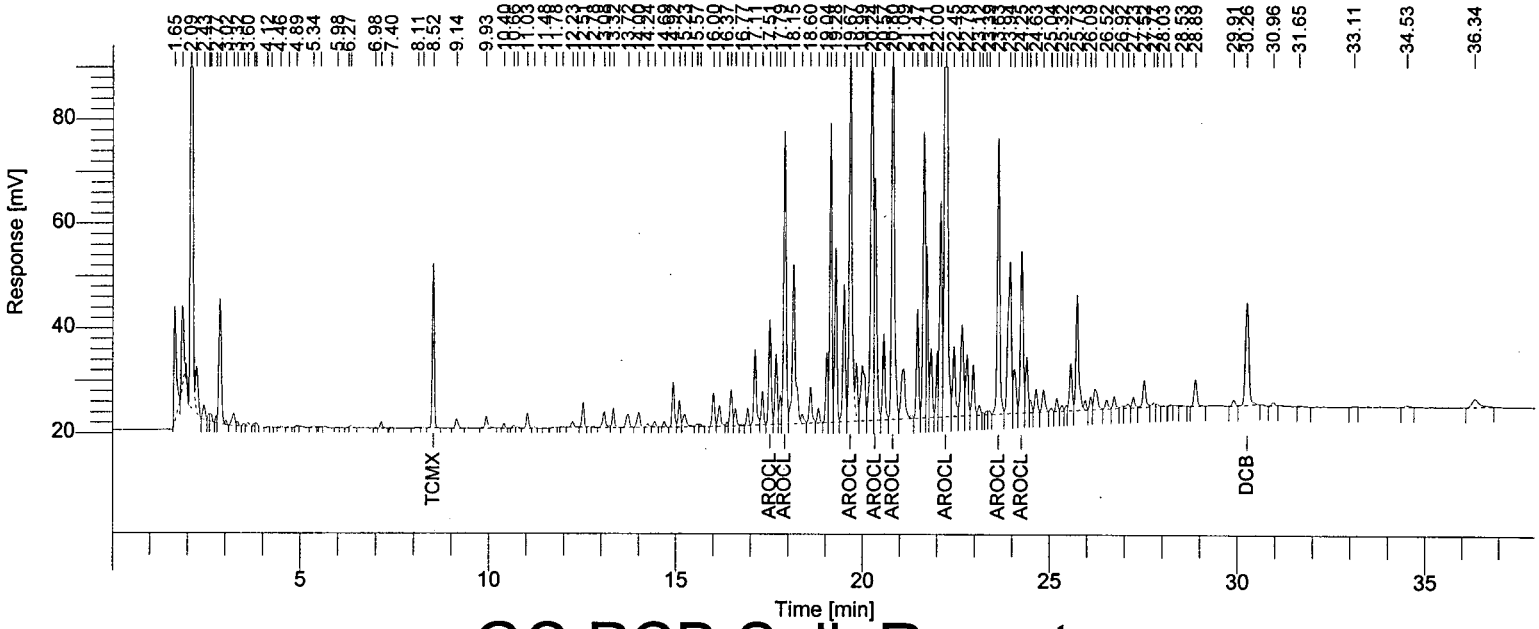
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980526320R\HP68_0526R.seq



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
32	8.52	TCMX	112607	0.0104	0.0069	10.0	30.00	2.0
	22.23	AR1254	1948915	0.5308	0.3539	10.0	30.00	2.0
	23.63	AR1260	610393	0.1393	0.0928	10.0	30.00	2.0
136	30.26	DCB	127398	0.0110	0.0074	10.0	30.00	2.0

05/27/98 10:07:45 AM 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
70	17.51	Aroclor 1254-1	91706	0.1559	0.1039	10.0	30.00	2.0
73	17.91	Aroclor 1254-2	258114	0.3403	0.2269	10.0	30.00	2.0
82	19.67	Aroclor 1254-3	376292	0.3668	0.2445	10.0	30.00	2.0
88	20.80	Aroclor 1254-4	397367	0.7032	0.4688	10.0	30.00	2.0
97	22.23	Aroclor 1254-5	825437	1.1245	0.7497	10.0	30.00	2.0

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
86	20.33	Aroclor 1260-1	209578	0.2421	0.1614	10.0	30.00	2.0
106	23.63	Aroclor 1260-4	243074	0.3806	0.2537	10.0	30.00	2.0
109	24.25	Aroclor 1260-5	157741	0.1346	0.0897	10.0	30.00	2.0

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:07:47 AM
Operator	: LEWANDOWSKIB	Sample Name	: 6203
Sample Number	: 006	Study	: 9800.916
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	: 2.00
Data Acquisition Time	: 05/26/98 21:38:12 PM	Cycle	: 6

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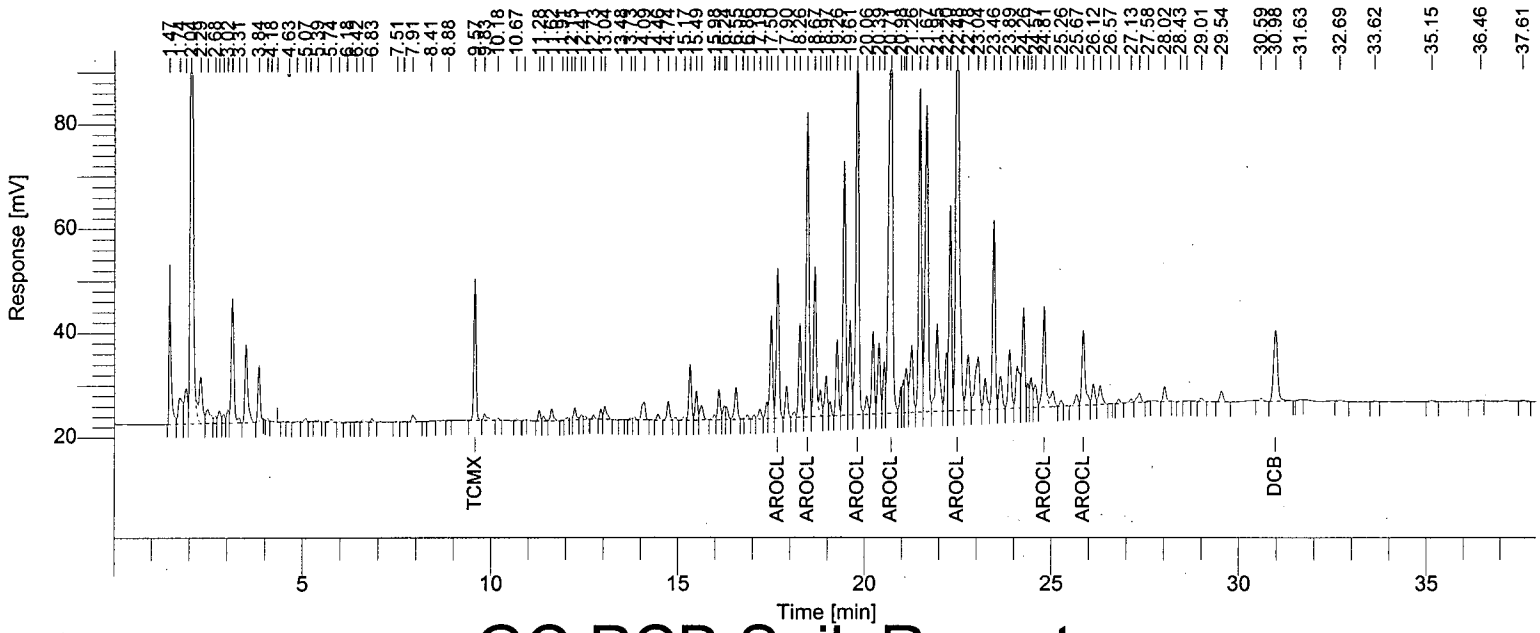

GC PCB Soil Report

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
34	9.57	TCMX	110987	0.0106	0.0070	10.0	30.000	2.0
	22.48	AR1254	2074262	0.4889	0.3259	10.0	30.000	2.0
	24.81	AR1260	191003	0.0461	0.0307	10.0	30.000	2.0
131	30.98	DCB	101266	0.0094	0.0063	10.0	30.000	2.0
			2477519	0.5549		40.0	120.000	8.0

05/27/98 10:07:47 AM 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
73	17.67	Aroclor 1254-1	146956	0.2353	0.1569	10.0	30.000	2.0
77	18.47	Aroclor 1254-2	294944	0.3256	0.2171	10.0	30.000	2.0
85	19.81	Aroclor 1254-3	405304	0.4422	0.2948	10.0	30.000	2.0
90	20.71	Aroclor 1254-4	565478	0.5698	0.3799	10.0	30.000	2.0
100	22.48	Aroclor 1254-5	661580	0.8230	0.5487	10.0	30.000	2.0
			2074262	2.3960		50.0	150.000	10.0

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	2.0
112	24.81	Aroclor 1260-4	105271	0.1007	0.0672	10.0	30.000	2.0
117	25.85	Aroclor 1260-5	85732	0.1708	0.1139	10.0	30.000	2.0
			191003	0.2715		30.0	90.000	6.0

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:07:50 AM
Operator	: LEWANDOWSKIB	Sample Name	: 6203
Sample Number	: 006	Study	: 9800.916
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	: 2.00
Data Acquisition Time	: 05/26/98 21:38:12 PM	Cycle	: 6

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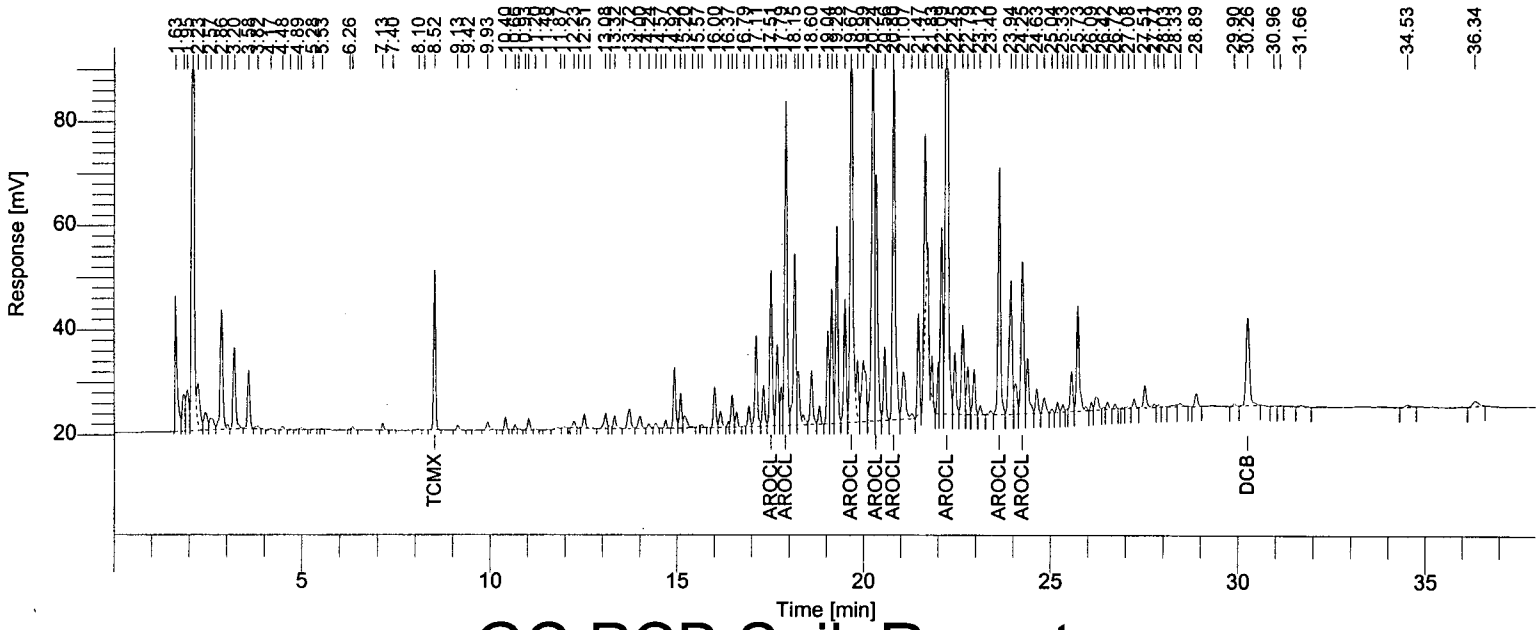

GC PCB Soil Report

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
26	8.52	TCMX	110861	0.0102	0.0068	10.0	30.00	2.0
	22.23	AR1254	1867428	0.5086	0.3391	10.0	30.00	2.0
	23.63	AR1260	590328	0.1347	0.0898	10.0	30.00	2.0
131	30.26	DCB	108451	0.0094	0.0063	10.0	30.00	2.0

05/27/98 10:07:50 AM 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
67	17.51	Aroclor 1254-1	134256	0.2283	0.1522	10.0	30.00	2.0
70	17.91	Aroclor 1254-2	285850	0.3769	0.2512	10.0	30.00	2.0
80	19.67	Aroclor 1254-3	423205	0.4125	0.2750	10.0	30.00	2.0
86	20.80	Aroclor 1254-4	354637	0.6276	0.4184	10.0	30.00	2.0
94	22.23	Aroclor 1254-5	669482	0.9120	0.6080	10.0	30.00	2.0

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
84	20.33	Aroclor 1260-1	221430	0.2558	0.1706	10.0	30.00	2.0
101	23.63	Aroclor 1260-4	216719	0.3393	0.2262	10.0	30.00	2.0
104	24.25	Aroclor 1260-5	152179	0.1299	0.0866	10.0	30.00	2.0

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:07:53 AM
Operator	: LEWANDOWSKIB	Sample Name	: 6204
Sample Number	: 007	Study	: 9800.916
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	: 37.94 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	: 05/26/98 22:20:47 PM	Cycle	: 7

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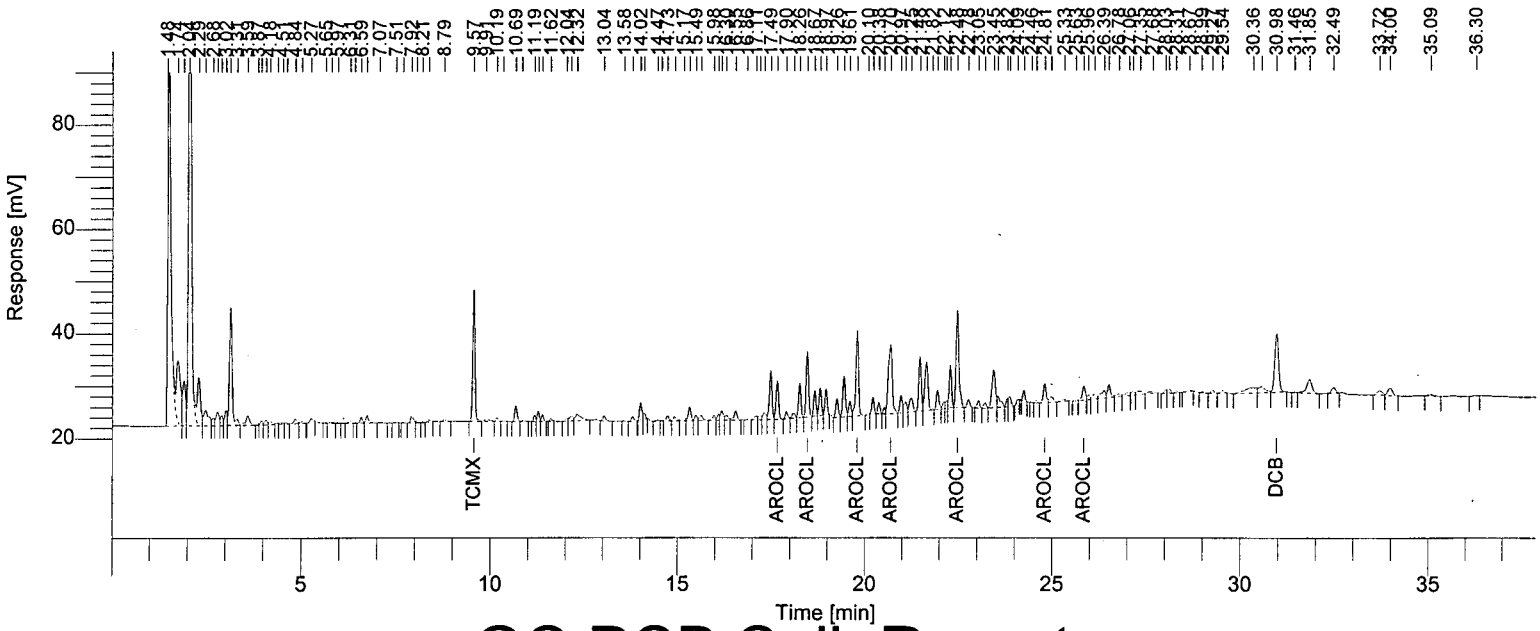

GC PCB Soil Report

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
39	9.57	TCMX	102470	0.0097	0.0032	10.0	30.000	1.0
	22.48	AR1254	372588	0.0878	0.0293	10.0	30.000	1.0
	24.81	AR1260	35373	0.0085	0.0028	10.0	30.000	1.0
137	30.98	DCB	81094	0.0075	0.0025	10.0	30.000	1.0
			591525	0.1136		40.0	120.000	4.0

RG 5/27/98

05/27/98 10:07:53 AM 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
75	17.67	Aroclor 1254-1	36065	0.0578	0.0193	10.0	30.000	1.0
79	18.47	Aroclor 1254-2	58922	0.0650	0.0217	10.0	30.000	1.0
86	19.80	Aroclor 1254-3	81615	0.0890	0.0297	10.0	30.000	1.0
91	20.70	Aroclor 1254-4	97764	0.0985	0.0328	10.0	30.000	1.0
102	22.48	Aroclor 1254-5	98222	0.1222	0.0407	10.0	30.000	1.0
			372588	0.4325		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
114	24.81	Aroclor 1260-4	19712	0.0189	0.0063	10.0	30.000	1.0
118	25.85	Aroclor 1260-5	15661	0.0312	0.0104	10.0	30.000	1.0
			35373	0.0501		30.0	90.000	3.0

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:07:56 AM
Operator	: LEWANDOWSKIB	Sample Name	: 6204
Sample Number	: 007	Study	: 9800.916
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	: 37.94 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	: 05/26/98 22:20:47 PM	Cycle	: 7

Raw Data File : \\gcsrv1\TCData\hp68901\may\980526320r\1B_0526_007.raw
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Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
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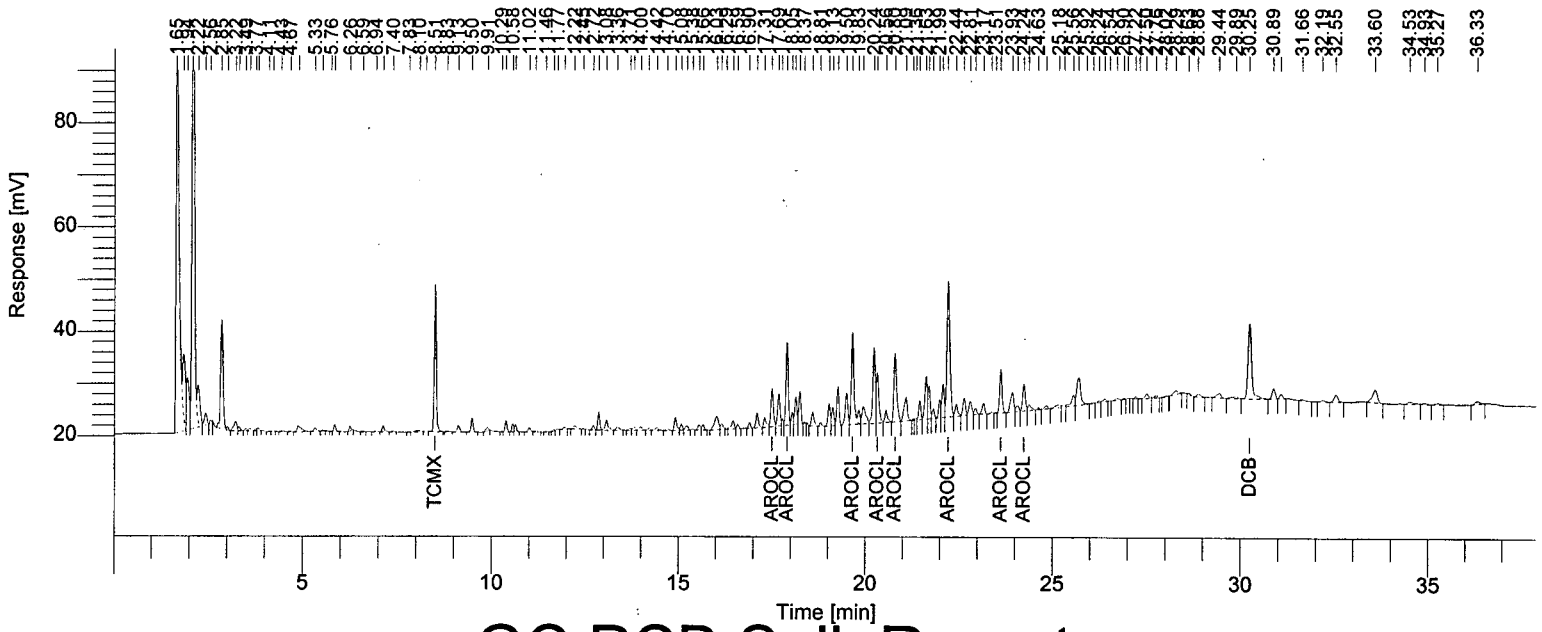

GC PCB Soil Report

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
33	8.51	TCMX	105032	0.0097	0.0032	10.0	30.00	1.0
	20.32	AR1260	108209	0.0247	0.0082	10.0	30.00	1.0
	22.22	AR1254	397507	0.1083	0.0361	10.0	30.00	1.0
141	30.25	DCB	97980	0.0085	0.0028	10.0	30.00	1.0

05/27/98 10:07:56 AM 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
74	17.50	Aroclor 1254-1	33506	0.0570	0.0190	10.0	30.00	1.0
77	17.90	Aroclor 1254-2	68431	0.0902	0.0301	10.0	30.00	1.0
88	19.66	Aroclor 1254-3	83249	0.0812	0.0271	10.0	30.00	1.0
94	20.80	Aroclor 1254-4	68486	0.1212	0.0404	10.0	30.00	1.0
104	22.22	Aroclor 1254-5	143836	0.1959	0.0653	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
92	20.32	Aroclor 1260-1	46040	0.0532	0.0177	10.0	30.00	1.0
112	23.62	Aroclor 1260-4	36568	0.0573	0.0191	10.0	30.00	1.0
115	24.24	Aroclor 1260-5	25601	0.0218	0.0073	10.0	30.00	1.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:21:02 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6205 1X
Sample Number	: 107	Study	: 9800.916
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	: 37.94 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 05:24:29 AM	Cycle	: 107

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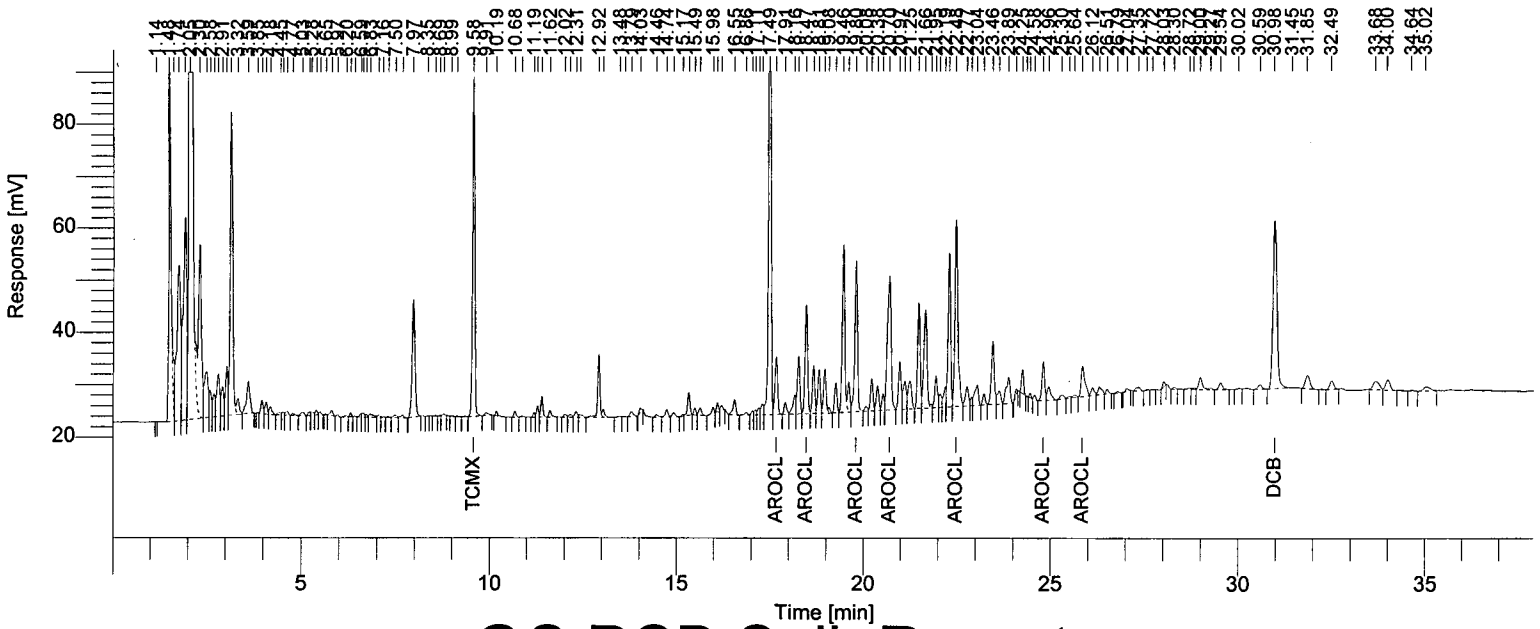

GC PCB Soil Report

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
52	9.58	TCMX	264848	0.0252	0.0084	10.0	30.000	1.0
	22.48	AR1254	684637	0.1614	0.0538	10.0	30.000	1.0
	24.81	AR1260	79137	0.0191	0.0064	10.0	30.000	1.0
152	30.98	DCB	240102	0.0222	0.0074	10.0	30.000	1.0
			1268724	0.2279		40.0	120.000	4.0

52

05/21/98 17:21:02 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
88	17.66	Aroclor 1254-1	56177	0.0900	0.0300	10.0	30.000	1.0
92	18.47	Aroclor 1254-2	101382	0.1119	0.0373	10.0	30.000	1.0
100	19.80	Aroclor 1254-3	145270	0.1585	0.0528	10.0	30.000	1.0
105	20.70	Aroclor 1254-4	179847	0.1812	0.0604	10.0	30.000	1.0
116	22.48	Aroclor 1254-5	201961	0.2512	0.0837	10.0	30.000	1.0
			684637	0.7928		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	36698	0.0351	0.0117	10.0	30.000	1.0
134	25.85	Aroclor 1260-5	42438	0.0846	0.0282	10.0	30.000	1.0
			79137	0.1197		30.0	90.000	3.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:21:05 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6205 1X
Sample Number	: 107	Study	: 9800.916
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	: 37.94 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 05:24:29 AM	Cycle	: 107

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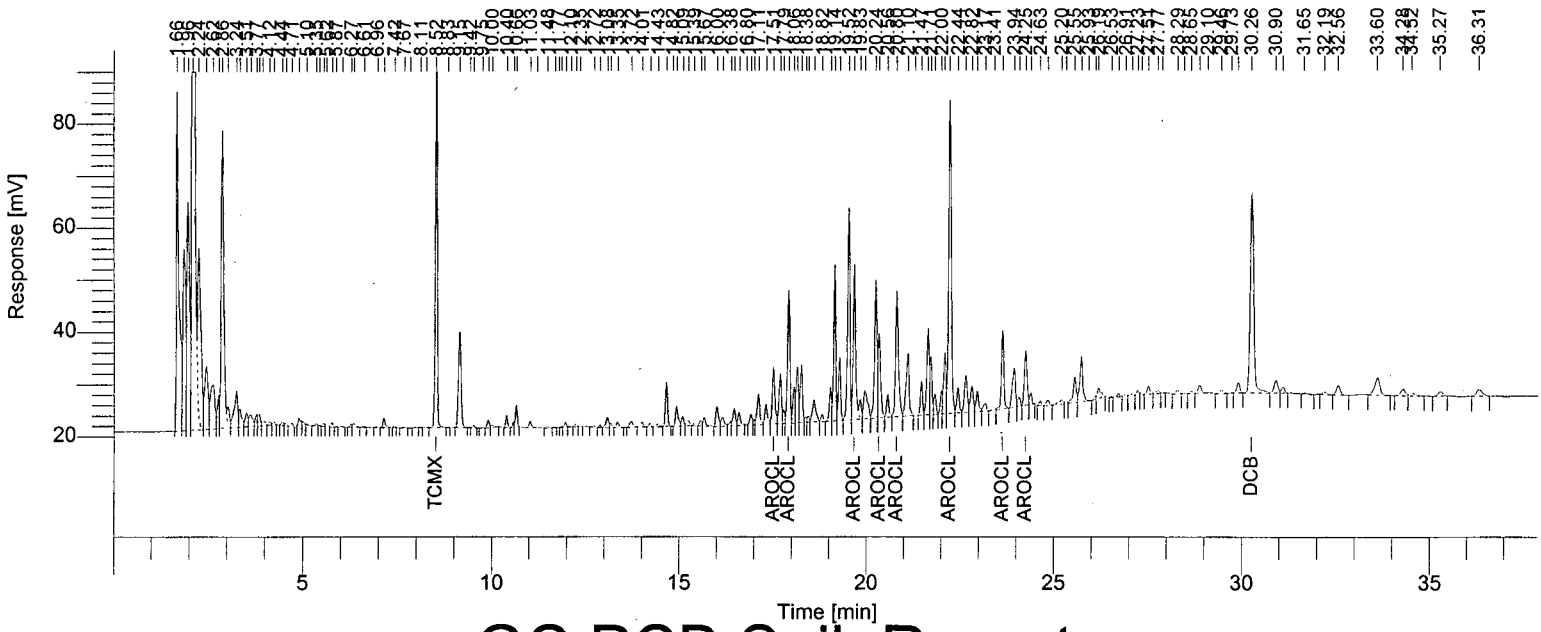

GC PCB Soil Report

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
42	8.52	TCMX	255256	0.0236	0.0079	10.0	30.00	1.0
	20.33	AR1260	199080	0.0454	0.0151	10.0	30.00	1.0
	22.22	AR1254	735294	0.2003	0.0668	10.0	30.00	1.0
158	30.26	DCB	251182	0.0218	0.0073	10.0	30.00	1.0

05/21/98 17:21:05 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
90	17.51	Aroclor 1254-1	52626	0.0895	0.0298	10.0	30.00	1.0
93	17.91	Aroclor 1254-2	115826	0.1527	0.0509	10.0	30.00	1.0
105	19.67	Aroclor 1254-3	138162	0.1347	0.0449	10.0	30.00	1.0
111	20.80	Aroclor 1254-4	127935	0.2264	0.0755	10.0	30.00	1.0
120	22.22	Aroclor 1254-5	300745	0.4097	0.1366	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	20.33	Aroclor 1260-1	77391	0.0894	0.0298	10.0	30.00	1.0
127	23.63	Aroclor 1260-4	68306	0.1069	0.0356	10.0	30.00	1.0
130	24.25	Aroclor 1260-5	53383	0.0456	0.0152	10.0	30.00	1.0

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:07:58 AM
Operator	: LEWANDOWSKIB	Sample Name	: 6206
Sample Number	: 008	Study	: 9800.916
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	: 37.95 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 4.00
Data Acquisition Time	: 05/26/98 23:03:18 PM	Cycle	: 8

Raw Data File : \\gcsrv1\TCData\hp68901\may\980526320r\1a_0526_008.raw
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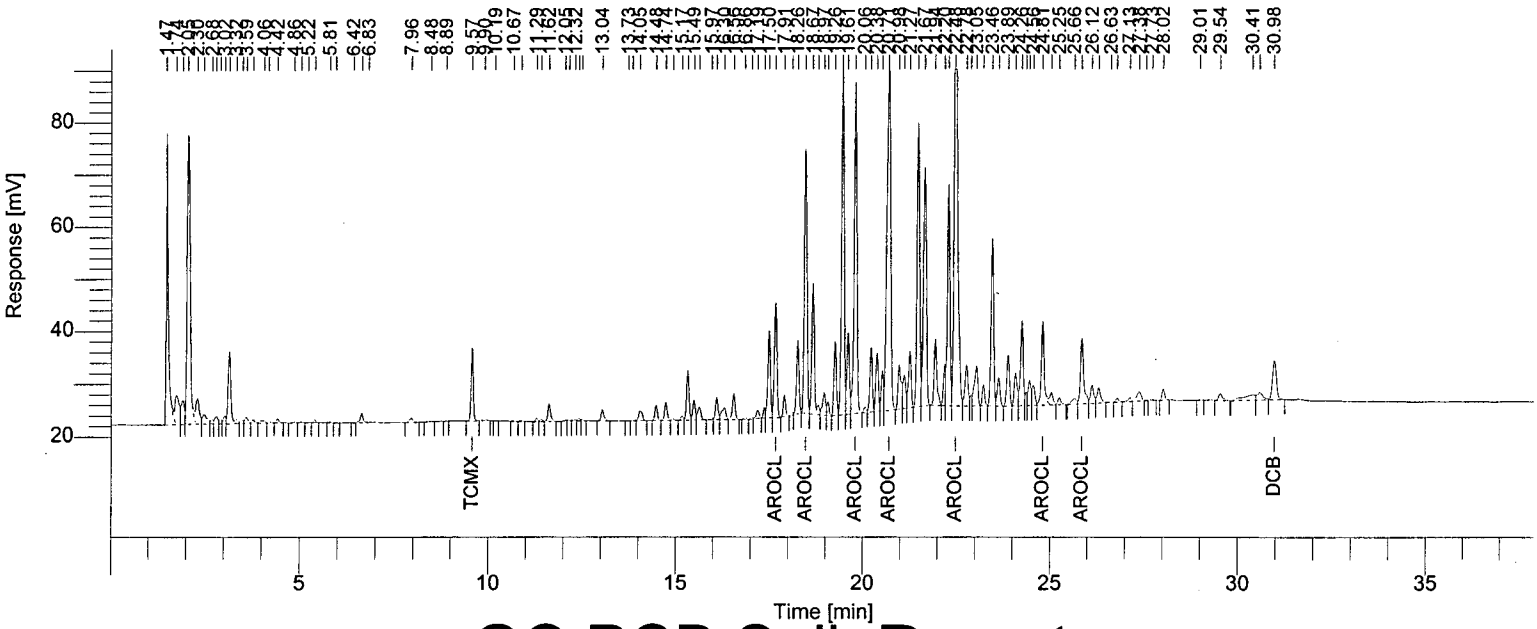
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980526320R\HP68_0526R.seq



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
31	9.57	TCMX	55421	0.0053	0.0070	10.0	30.000	4.0
	22.48	AR1254	1729470	0.4076	0.5435	10.0	30.000	4.0
	24.81	AR1260	161782	0.0391	0.0521	10.0	30.000	4.0
121	30.98	DCB	53567	0.0050	0.0066	10.0	30.000	4.0
			2000240	0.4569		40.0	120.000	16.0

05/27/98 10:07:58 AM 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
64	17.67	Aroclor 1254-1	109577	0.1755	0.2340	10.0	30.000	4.0
68	18.47	Aroclor 1254-2	249532	0.2754	0.3673	10.0	30.000	4.0
76	19.81	Aroclor 1254-3	320309	0.3495	0.4660	10.0	30.000	4.0
81	20.71	Aroclor 1254-4	462066	0.4656	0.6208	10.0	30.000	4.0
90	22.48	Aroclor 1254-5	587986	0.7315	0.9753	10.0	30.000	4.0
			1729470	1.9975		50.0	150.000	20.0

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	4.0
103	24.81	Aroclor 1260-4	86277	0.0826	0.1101	10.0	30.000	4.0
107	25.85	Aroclor 1260-5	75504	0.1504	0.2006	10.0	30.000	4.0
			161782	0.2330		30.0	90.000	12.0

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:08:00 AM
Operator	: LEWANDOWSKIB	Sample Name	: 6206
Sample Number	: 008	Study	: 9800.916
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	: 37.95 min
Sampling Rate	: 5.0000 pts/s		
Volume Injected	: 1.000000 ul	Area Reject	: 100.000000
Sample Amount	: 1.0000	Dilution Factor	: 4.00
Data Acquisition Time	: 05/26/98 23:03:18 PM	Cycle	: 8

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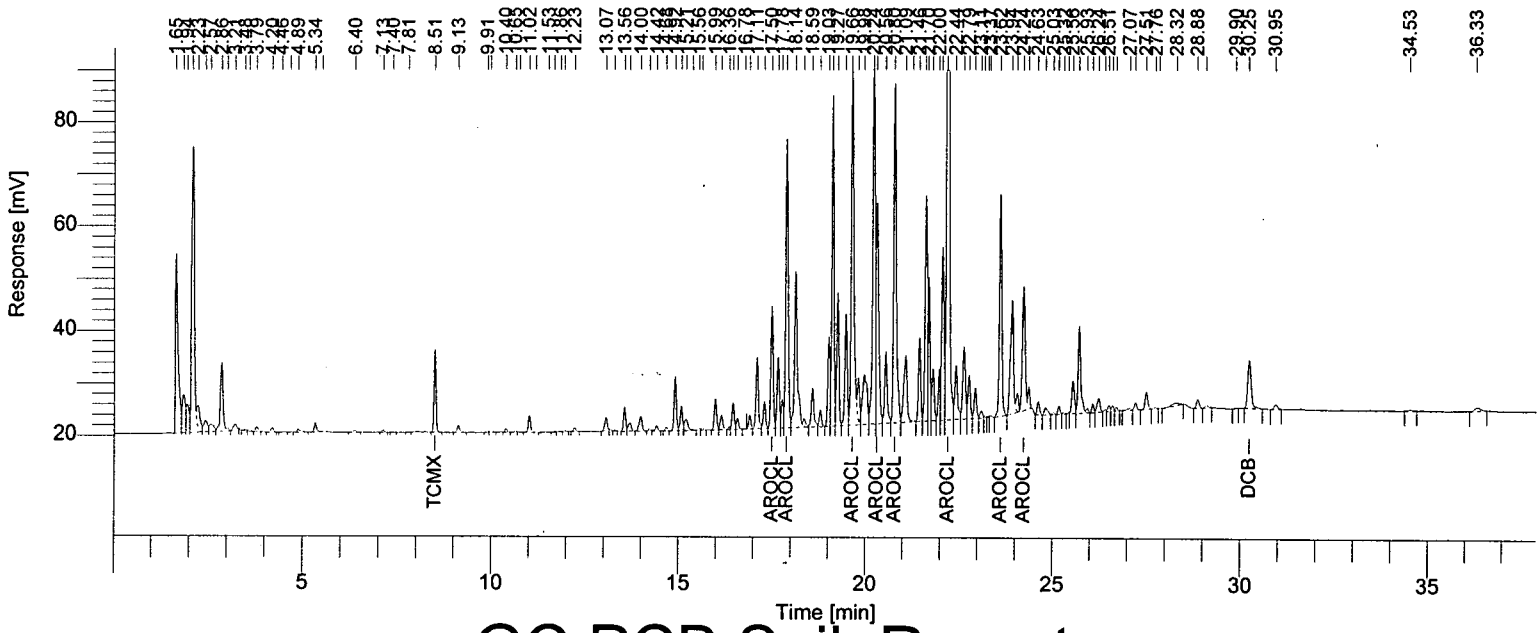
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980526320R\HP68_0526R.seq



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
24	8.51	TCMX	56297	0.0052	0.0069	10.0	30.00	4.0
	22.22	AR1254	1662049	0.4527	0.6036	10.0	30.00	4.0
	23.62	AR1260	512751	0.1170	0.1560	10.0	30.00	4.0
126	30.25	DCB	58175	0.0050	0.0067	10.0	30.00	4.0

05/27/98 10:08:00 AM 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
61	17.50	Aroclor 1254-1	103392	0.1758	0.2344	10.0	30.00	4.0
64	17.90	Aroclor 1254-2	252723	0.3332	0.4442	10.0	30.00	4.0
73	19.66	Aroclor 1254-3	342502	0.3339	0.4452	10.0	30.00	4.0
79	20.80	Aroclor 1254-4	318607	0.5638	0.7518	10.0	30.00	4.0
88	22.22	Aroclor 1254-5	644824	0.8784	1.1712	10.0	30.00	4.0

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
77	20.32	Aroclor 1260-1	195853	0.2263	0.3017	10.0	30.00	4.0
97	23.62	Aroclor 1260-4	189322	0.2964	0.3952	10.0	30.00	4.0
100	24.24	Aroclor 1260-5	127577	0.1089	0.1451	10.0	30.00	4.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:21:15 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6207 1X
Sample Number	: 109	Study	: 9800.916
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	: 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 06:49:45 AM	Cycle	: 109

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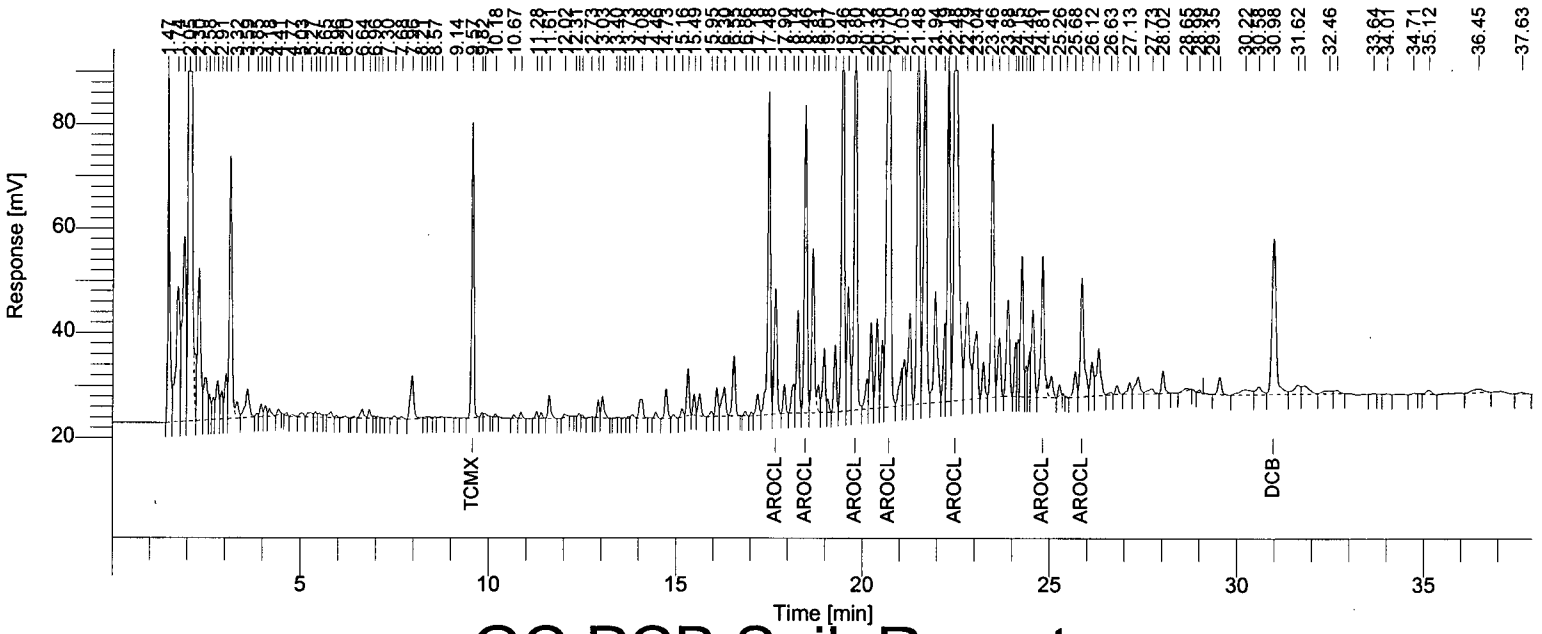
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R_5460.seq



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
47	9.57	TCMX	228610	0.0217	0.0072	10.0	30.000	1.0
	22.48	AR1254	2564256	0.6043	0.2014	10.0	30.000	1.0
	24.81	AR1260	305344	0.0737	0.0246	10.0	30.000	1.0
143	30.98	DCB	234938	0.0218	0.0073	10.0	30.000	1.0
			3333148	0.7216		40.0	120.000	4.0

05/21/98 17:21:15 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
84	17.66	Aroclor 1254-1	127433	0.2041	0.0680	10.0	30.000	1.0
88	18.46	Aroclor 1254-2	297590	0.3285	0.1095	10.0	30.000	1.0
96	19.80	Aroclor 1254-3	451313	0.4924	0.1641	10.0	30.000	1.0
101	20.70	Aroclor 1254-4	698683	0.7041	0.2347	10.0	30.000	1.0
110	22.48	Aroclor 1254-5	989237	1.2306	0.4102	10.0	30.000	1.0
			2564256	2.9596		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
123	24.81	Aroclor 1260-4	157599	0.1508	0.0503	10.0	30.000	1.0
128	25.85	Aroclor 1260-5	147745	0.2944	0.0981	10.0	30.000	1.0
			305344	0.4452		30.0	90.000	3.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:21:18 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6207 1X
Sample Number	: 109	Study	: 9800.916
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	: 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 06:49:45 AM	Cycle	: 109

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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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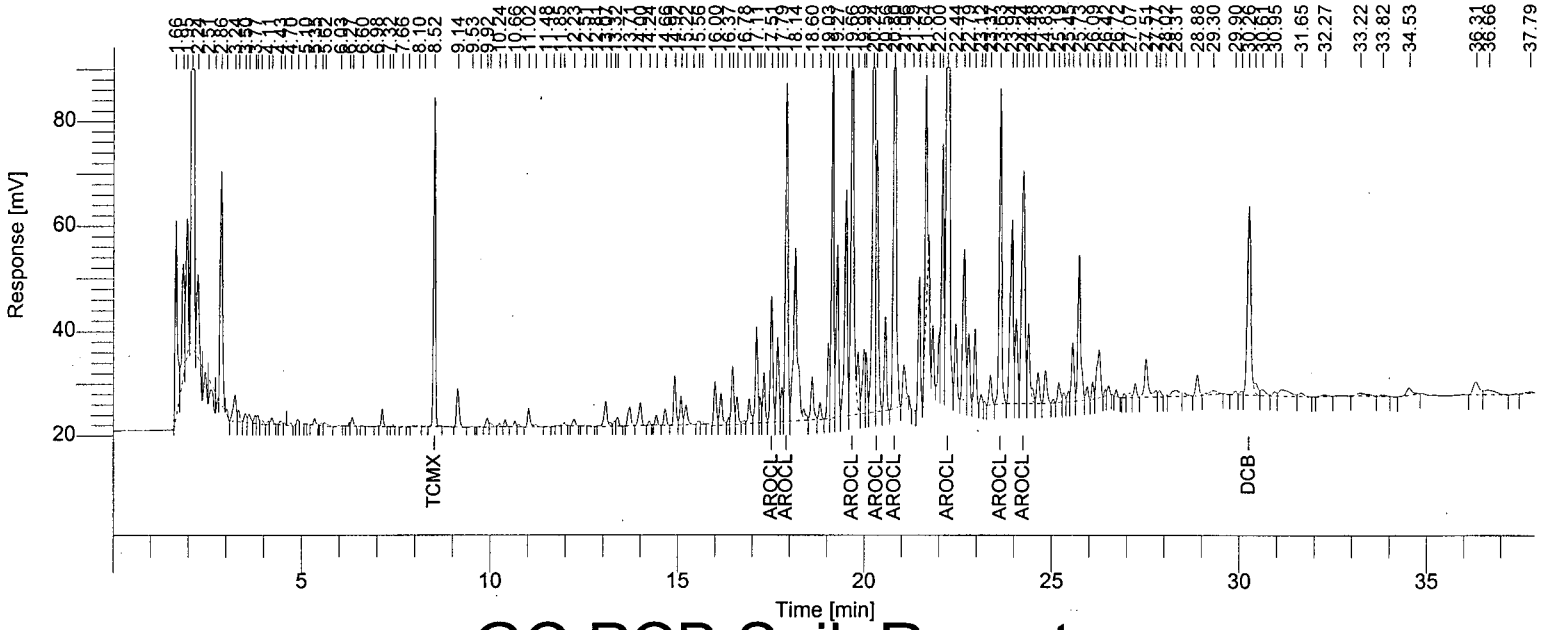

GC PCB Soil Report

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
40	8.52	TCMX	222635	0.0205	0.0068	10.0	30.00	1.0
	22.22	AR1254	2246273	0.6118	0.2039	10.0	30.00	1.0
	23.63	AR1260	774235	0.1766	0.0589	10.0	30.00	1.0
153	30.26	DCB	234683	0.0204	0.0068	10.0	30.00	1.0

05/21/98 17:21:18 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
85	17.51	Aroclor 1254-1	114124	0.1940	0.0647	10.0	30.00	1.0
88	17.91	Aroclor 1254-2	304133	0.4010	0.1337	10.0	30.00	1.0
97	19.66	Aroclor 1254-3	441221	0.4301	0.1434	10.0	30.00	1.0
104	20.80	Aroclor 1254-4	444976	0.7874	0.2625	10.0	30.00	1.0
112	22.22	Aroclor 1254-5	941818	1.2830	0.4277	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
102	20.33	Aroclor 1260-1	224350	0.2592	0.0864	10.0	30.00	1.0
120	23.63	Aroclor 1260-4	270548	0.4236	0.1412	10.0	30.00	1.0
123	24.24	Aroclor 1260-5	279337	0.2384	0.0795	10.0	30.00	1.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:21:22 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6208 1X
Sample Number	: 110	Study	: 9800.916
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	: 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 07:32:22 AM	Cycle	: 110

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_110.raw
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_110.rst
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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar5460_0429.mth
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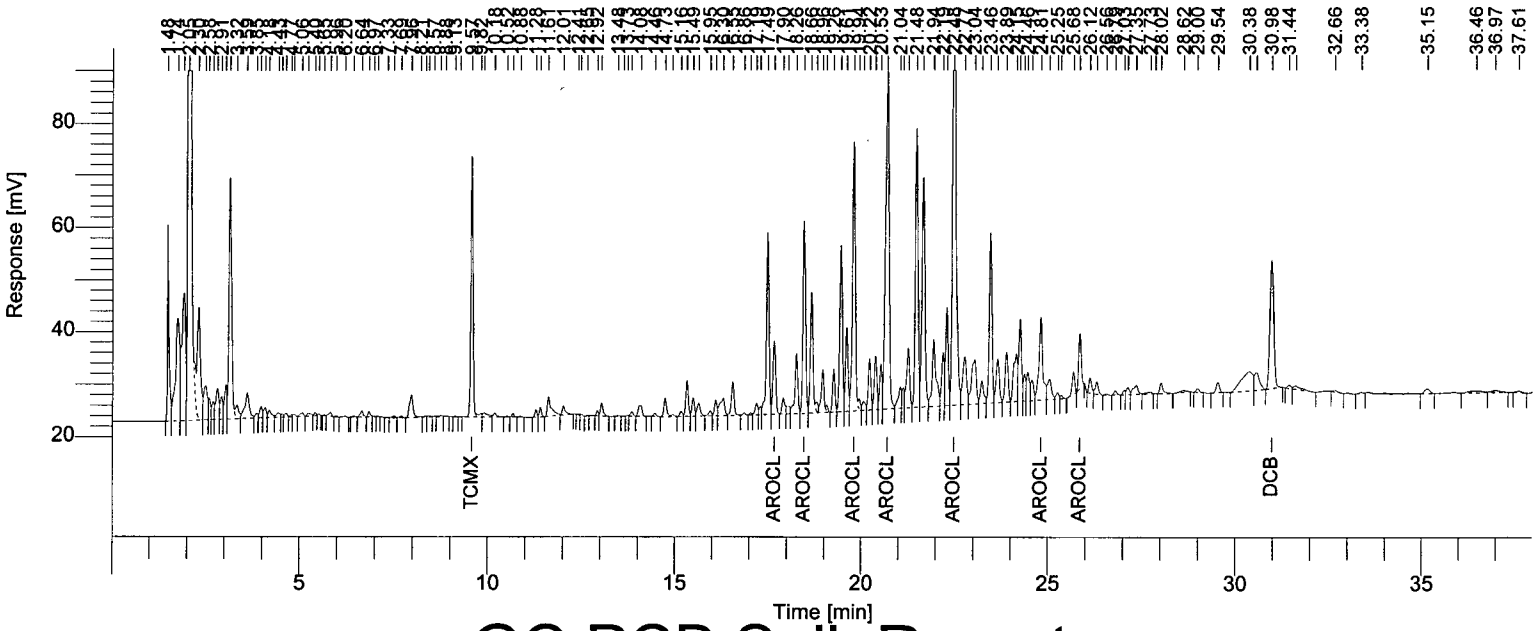

GC PCB Soil Report

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	9.57	TCMX	201408	0.0192	0.0064	10.0	30.000	1.0
	22.48	AR1254	1547233	0.3646	0.1215	10.0	30.000	1.0
	24.81	AR1260	160310	0.0387	0.0129	10.0	30.000	1.0
146	30.98	DCB	177227	0.0164	0.0055	10.0	30.000	1.0
			2086178	0.4389		40.0	120.000	4.0

05/21/98 17:21:22 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
86	17.66	Aroclor 1254-1	73916	0.1184	0.0395	10.0	30.000	1.0
90	18.46	Aroclor 1254-2	183147	0.2022	0.0674	10.0	30.000	1.0
98	19.80	Aroclor 1254-3	272372	0.2972	0.0991	10.0	30.000	1.0
104	20.70	Aroclor 1254-4	429823	0.4331	0.1444	10.0	30.000	1.0
113	22.48	Aroclor 1254-5	587976	0.7314	0.2438	10.0	30.000	1.0
			1547233	1.7823		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
125	24.81	Aroclor 1260-4	110740	0.1060	0.0353	10.0	30.000	1.0
130	25.85	Aroclor 1260-5	49570	0.0988	0.0329	10.0	30.000	1.0
			160310	0.2047		30.0	90.000	3.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:21:26 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6208 1X
Sample Number	: 110	Study	: 9800.916
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	: 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 07:32:22 AM	Cycle	: 110

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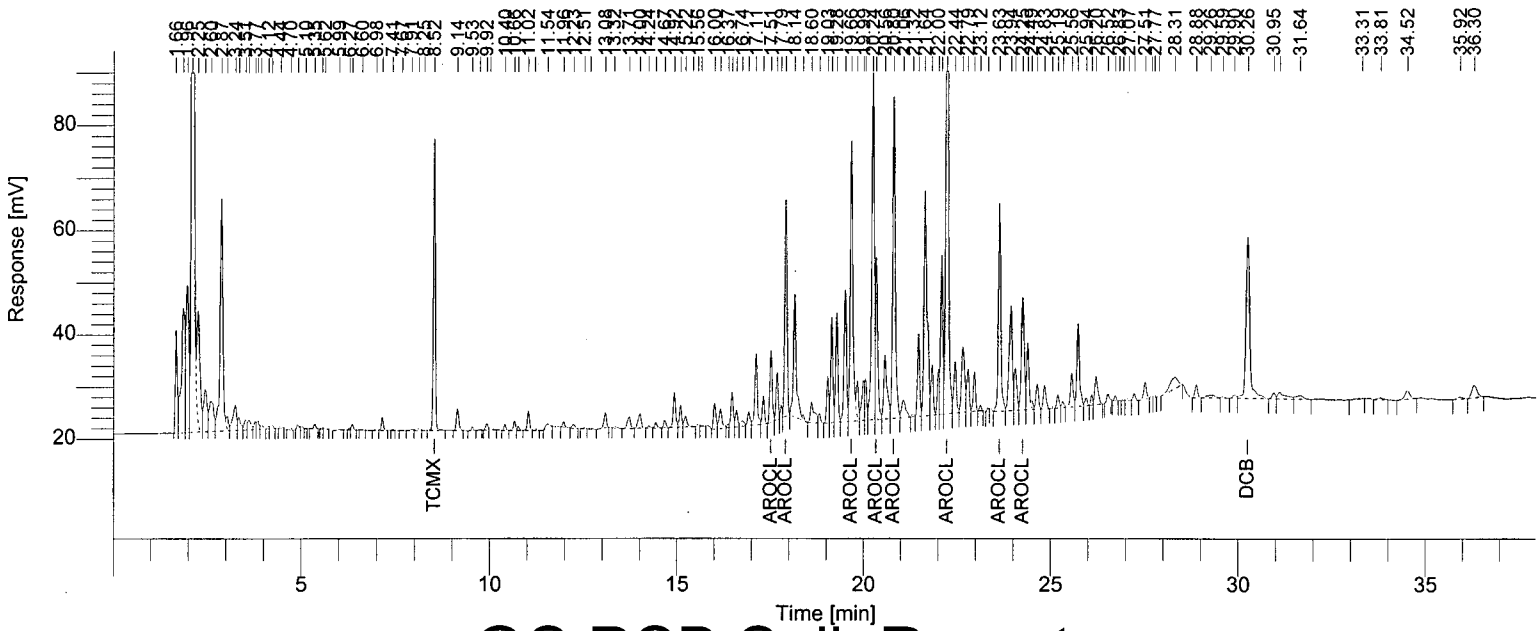
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R_5460.seq



GC 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
37	8.52	TCMX	199262	0.0184	0.0061	10.0	30.00	1.0
	22.23	AR1254	1327578	0.3616	0.1205	10.0	30.00	1.0
	23.63	AR1260	439492	0.1003	0.0334	10.0	30.00	1.0
140	30.26	DCB	222568	0.0193	0.0064	10.0	30.00	1.0

05/21/98 17:21:26 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
75	17.51	Aroclor 1254-1	61769	0.1050	0.0350	10.0	30.00	1.0
78	17.91	Aroclor 1254-2	183371	0.2417	0.0806	10.0	30.00	1.0
87	19.66	Aroclor 1254-3	264278	0.2576	0.0859	10.0	30.00	1.0
94	20.80	Aroclor 1254-4	301607	0.5337	0.1779	10.0	30.00	1.0
102	22.23	Aroclor 1254-5	516554	0.7037	0.2346	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
92	20.33	Aroclor 1260-1	135262	0.1563	0.0521	10.0	30.00	1.0
109	23.63	Aroclor 1260-4	186832	0.2925	0.0975	10.0	30.00	1.0
112	24.25	Aroclor 1260-5	117397	0.1002	0.0334	10.0	30.00	1.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:17:24 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6209
Sample Number	: 049	Study	: 9800.916
AutoSampler	: BUILT-IN	Rack/Vial	: 1/49
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 12:05:07 PM	Cycle	: 49

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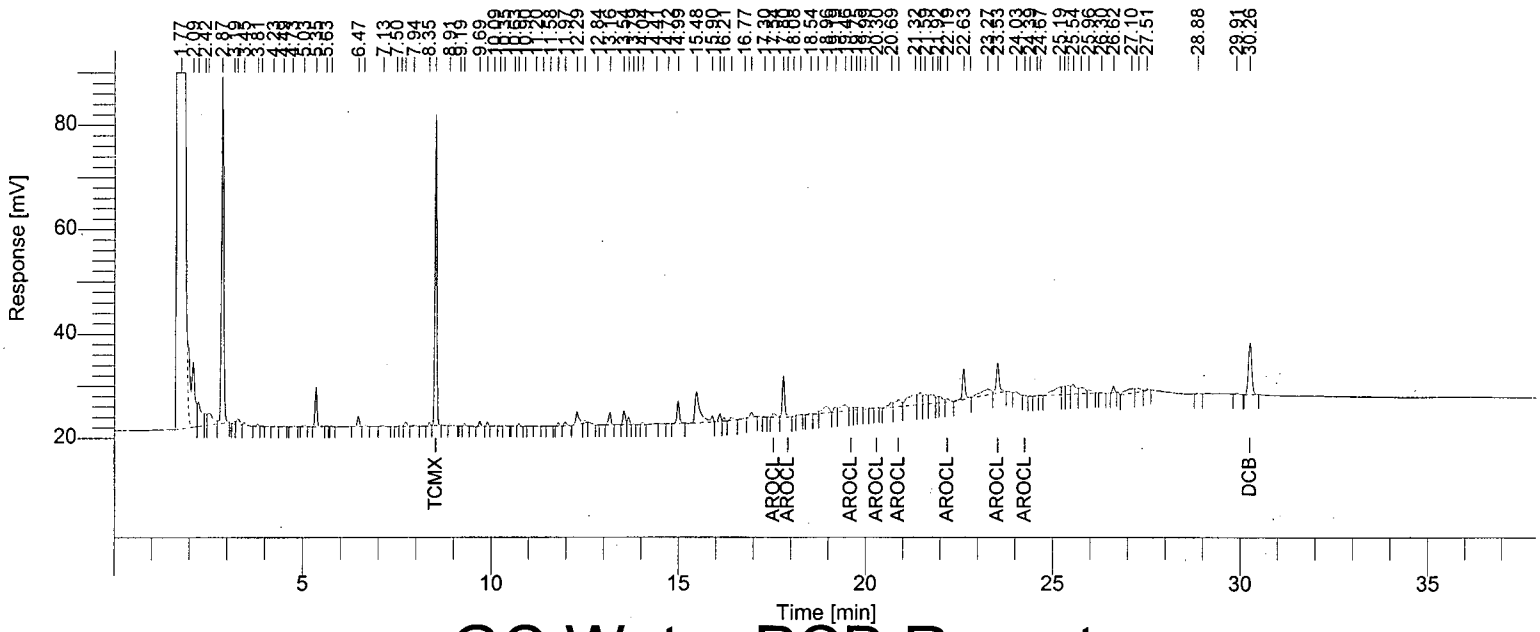
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R_5460.seq



GC 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)
27	8.52	TCMX	208575	0.0193	0.0002	1000.0000	1.0000	10.0000
	20.88	AR1254	33497	0.0091	0.0001	1000.0000	1.0000	10.0000
	23.53	AR1260	34910	0.0080	0.0001	1000.0000	1.0000	10.0000
111	30.26	DCB	61170	0.0053	0.0001	1000.0000	1.0000	10.0000

05/21/98 17:17:24 PM Result:
\\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_049.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)
64	17.54	Aroclor 1254-1	5500	0.0094	0.0001	1000.0000	1.0000	10.0000
66	17.92	Aroclor 1254-2	2380	0.0031	0.0000	1000.0000	1.0000	10.0000
74	19.61	Aroclor 1254-3	5060	0.0049	0.0000	1000.0000	1.0000	10.0000
81	20.88	Aroclor 1254-4	15933	0.0282	0.0003	1000.0000	1.0000	10.0000
88	22.19	Aroclor 1254-5	4624	0.0063	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)
79	20.30	Aroclor 1260-1	1076	0.0012	0.0000	1000.0000	1.0000	10.0000
92	23.53	Aroclor 1260-4	32793	0.0513	0.0005	1000.0000	1.0000	10.0000
94	24.26	Aroclor 1260-5	1041	0.0009	0.0000	1000.0000	1.0000	10.0000

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:17:20 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6209
Sample Number	: 049	Study	: 9800.916
AutoSampler	: BUILT-IN	Rack/Vial	: 1/49
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 12:05:07 PM	Cycle	: 49

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_049.raw
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_049.rst
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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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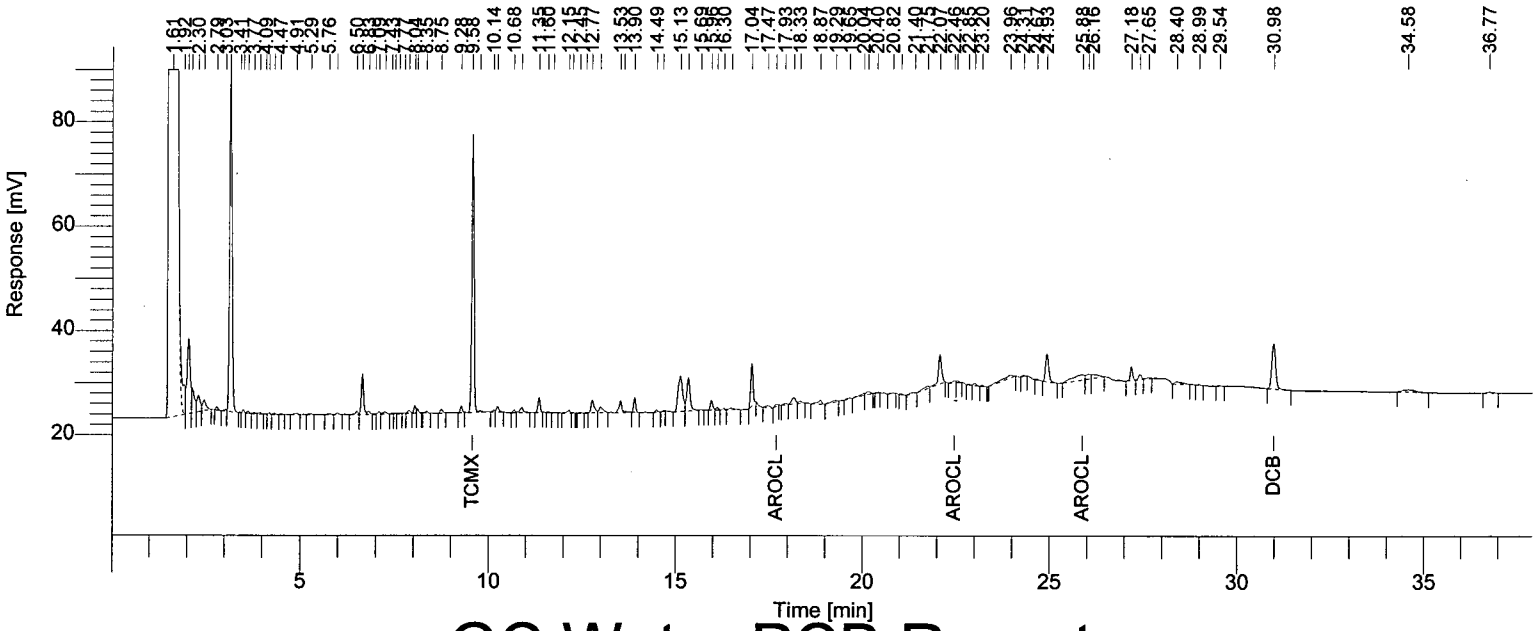

GC Water PCB Report

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)
39	9.58	TCMX	214039	0.0204	0.0002	1000.0000	1.0000	10.0000
	22.46	AR1254	4385	0.0010	0.0000	1000.0000	1.0000	10.0000
	25.88	AR1260	24153	0.0058	0.0001	1000.0000	1.0000	10.0000
101	30.98	DCB	62696	0.0058	0.0001	1000.0000	1.0000	10.0000

05/21/98 17:17:20 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)
68	17.69	Aroclor 1254-1	2018	0.0032	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
83	22.46	Aroclor 1254-5	2366	0.0029	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
0	24.81	Aroclor 1260-4	0	0.0000	0.0000	1000.0000	1.0000	10.0000
92	25.88	Aroclor 1260-5	24153	0.0481	0.0005	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: 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

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: 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

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

COMPOUND	RT	INITIAL WINDOW From	To	Calc Amt.(ng)	Expected 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 5/27/98 AR

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

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

COMPOUND	RT	INITIAL WINDOW From	To	Calc Amt.(ng)	Expected 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 5/7/98 M

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

COMPOUND	RT	INITIAL WINDOW From	To	Calc Amt.(ng)	Expected 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 5/6/98 AR

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 5/7/98 AR

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 5/7/98 AA

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: HP68901A ICAL Date(s) Analyzed:

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

Date/Time Analyzed : 5/17/98 11:48 AM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
4C3N	3.15	3.08	3.18	0.0582	0.0500	16.4 *
TCMX	9.58	9.51	9.61	0.0219	0.0200	9.5
AR1016	10.91	10.82	10.96	0.2015	0.200	0.8
AR1260	20.65	20.57	20.71	0.1904	0.200	-4.8
DCB	30.99	30.87	31.07	0.0200	0.0200	0.0

Not a primary surrogate

Ave %D = 6.3

* 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 12:30:53 PM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.67	17.59	17.73	0.191	0.200	-4.8

* 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 : 5/26/98 18:47:43 PM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
4C3N	3.14	3.08	3.18	0.0580	0.0500	16.0 *
TCMX	9.58	9.51	9.61	0.0209	0.0200	4.5
AR1016	10.91	10.82	10.96	0.2003	0.200	0.1
AR1260	20.66	20.57	20.71	0.1754	0.200	-12.3
DCB	30.99	30.87	31.07	0.0159	0.0200	-20.5 *

Not a primary surrogate 5/27/98 AR

Ave %D = 10.7

* 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 : 5/26/98 19:30:23 PM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.67	17.59	17.73	0.182	0.200	-9.0

* 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 04/29/98 to: 4/29/98

Date/Time Analyzed : 5/27/98 4:01 AM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
4C3N	3.13	3.08	3.18	0.0608	0.0500	21.6 *
TCMX	9.57	9.51	9.61	0.0222	0.0200	11.0
AR1016	10.90	10.82	10.96	0.2140	0.200	7.0
AR1260	20.64	20.57	20.71	0.1949	0.200	-2.6
DCB	30.97	30.87	31.07	0.0201	0.0200	0.5

Not a primary surrogate 5/27/98

Ave %D = 8.5

* 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 04/30/98 to: 04/30/98

Date/Time Analyzed : 5/27/98 4:44:31 AM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.66	17.59	17.73	0.201	0.200	0.5

* Value >15.0% Difference

FORM VII PCB

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: 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: 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: 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: 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

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	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 5/5/98 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 5/8/98 AR

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 5/27/98 AR

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 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	0.0213	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

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

COMPOUND	RT	INITIAL WINDOW From	To	Calc Amt.(ng)	Expected 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

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 11:48 AM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
4C3N	2.87	2.81	2.91	0.0565	0.0500	13.0
TCMX	8.53	8.46	8.56	0.0209	0.0200	4.5
AR1016	10.67	10.59	10.73	0.2037	0.200	1.8
AR1260	20.34	20.25	20.39	0.1710	0.200	-14.5
DCB	30.26	30.15	30.35	0.0188	0.0200	-6.0

Ave %D = 8.0

* 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 12:30:53 PM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.51	17.43	17.57	0.176	0.200	-12.1

* 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 : 5/26/98 18:47:43 PM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
4C3N	2.86	2.81	2.91	0.0561	0.0500	12.2
TCMX	8.52	8.46	8.56	0.0205	0.0200	2.5
AR1016	10.67	10.59	10.73	0.2008	0.200	0.4
AR1260	20.33	20.25	20.39	0.1755	0.200	-12.3
DCB	30.27	30.15	30.35	0.0165	0.0200	-17.5 *

Ave %D = 9.0

* 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 : 5/26/98 19:30:23 PM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.51	17.43	17.57	0.177	0.200	-11.6

* 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 : 5/27/98 4:01 AM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
4C3N	2.86	2.81	2.91	0.0596	0.0500	19.2 *
TCMX	8.51	8.46	8.56	0.0218	0.0200	9.0
AR1016	10.66	10.59	10.73	0.2148	0.200	7.4
AR1260	20.32	20.25	20.39	0.1938	0.200	-3.1
DCB	30.25	30.15	30.35	0.0202	0.0200	1.0

Not a primary surrogate

Ave %D = 7.9

* 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 : 5/27/98 4:44:31 AM

		INITIAL	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ng)	Amt.(ng)	% D
AR1254	17.50	17.43	17.57	0.194	0.200	-3.0

* Value >15.0% Difference

FORM VII PCB

8D
PCB ANALYTICAL SEQUENCE

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

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.: 9800.916 SAS No.: SDG No.: 6198

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	ZZZZZ	6095	05/15/98	1122	9.58	30.98
11	RB-2	6209	05/15/98	1205	9.58	30.98
12	RB-2MS	6209MS	05/15/98	1247	9.58	30.98
13	RB-2MSD	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.: 9800.916 SAS No.: SDG No.: 6198

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	ZZZZZ	6088	05/16/98	1511	9.57	30.98
15	ZZZZZ	6089	05/16/98	1554	9.57	30.98
16	ZZZZZ	6090	05/16/98	1636	9.58	30.99
17	ZZZZZ	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	ZZZZZ	6092	05/16/98	2010	9.58	30.98
21	ZZZZZ	6093	05/16/98	2053	9.58	30.99
22	ZZZZZ	6094	05/16/98	2135	9.58	30.99
23	A4-001	6198	05/16/98	2218	9.58	30.99
24	A4-002	6199	05/16/98	2300	9.58	30.98
25	A4-003	6200	05/16/98	2343	9.57	30.98
26	A4-004	6201	05/26/98	2012	9.57	30.98
27	A4-005	6202	05/26/98	2055	9.58	30.98
28	A4-006	6203	05/26/98	2138	9.57	30.98
29	A4-007	6204	05/26/98	2220	9.57	30.98
30	AR166011	AR1660M11	05/17/98	0359	9.57	30.98
31	AR125411	AR1254M11	05/17/98	0441	9.57	30.98
32	A4-008	6205	05/17/98	0524	9.58	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.: 9800.916 SAS No.: SDG No.: 6198

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	A4-009	6206	05/26/98	2303	9.57	30.98
02	A4-010	6207	05/17/98	0649	9.57	30.98
03	A4-011	6208	05/17/98	0732	9.57	30.98
04	ZZZZZ	6096	05/17/98	0815		31.11
05	ZZZZZ	6097	05/17/98	0857		31.05
06	A4-001MS	6198MS	05/17/98	0940	9.58	30.99
07	A4-001MSD	6198MSD	05/17/98	1022	9.58	30.99
08	AR166012	AR1660M12	05/17/98	1148	9.58	30.99
09	AR125412	AR1254M12	05/17/98	1230	9.58	30.99
10	AR166013	AR1660M13	05/19/98	1124	9.58	30.99
11	AR125413	AR1254M13	05/19/98	1213	9.59	30.99
12	ZZZZZ	6074	05/19/98	1328	9.59	30.99
13	ZZZZZ	6075	05/19/98	1410	9.57	30.98
14	ZZZZZ	6076	05/19/98	1453	9.57	30.98
15	ZZZZZ	6080	05/19/98	1536	9.58	30.99
16	ZZZZZ	6081	05/19/98	1618	9.58	30.99
17	ZZZZZ	6083	05/19/98	1701	9.58	30.99
18	ZZZZZ	6083MS	05/19/98	1744	9.58	30.99
19	ZZZZZ	6083MSD	05/19/98	1843	9.59	30.99
20	ZZZZZ	6084	05/19/98	1926	9.57	30.98
21	ZZZZZ	6085	05/19/98	2009	9.57	30.99
22	AR166014	AR1660M14	05/19/98	2134	9.57	30.98
23	AR125414	AR1254M14	05/19/98	2217	9.57	30.98
24	ZZZZZ	1338-41-1	05/19/98	2259	9.57	30.98
25	ZZZZZ	1338-41-2	05/19/98	2342	9.57	30.98
26	ZZZZZ	6178	05/20/98	0024	9.57	30.99
27	ZZZZZ	617901	05/20/98	0106	9.57	30.99
28	ZZZZZ	6179MS01	05/20/98	0150	9.57	30.98
29	ZZZZZ	6179MSD01	05/20/98	0233	9.58	30.98
30	ZZZZZ	6180	05/20/98	0315	9.58	30.99
31	ZZZZZ	6181	05/20/98	0358	9.57	30.99
32	ZZZZZ	6182	05/20/98	0441	9.58	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.: 9800.916 SAS No.: SDG No.: 6198

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	6183	05/20/98	0523	9.58	30.99
02	AR125415	AR1254M15	05/20/98	0649	9.58	30.99
03	AR166015	AR1660M15	05/20/98	0732	9.58	30.99
04	ZZZZZ	6184	05/20/98	0814	9.58	30.99
05	ZZZZZ	6185	05/21/98	1314	9.57	30.98
06	ZZZZZ	6186	05/21/98	1356	9.57	30.98
07	ZZZZZ	6187	05/21/98	1439	9.57	30.98
08	ZZZZZ	6188	05/20/98	1105	9.58	30.99
09	ZZZZZ	6189	05/20/98	1148	9.59	31.00
10	ZZZZZ	6190	05/21/98	1521	9.57	30.98
11	ZZZZZ	6191	05/21/98	1604	9.57	30.98
12	ZZZZZ	6192	05/20/98	1431	9.59	31.00
13	ZZZZZ	6193	05/20/98	1514	9.59	31.00
14	AR125416	AR1254M16	05/20/98	1639	9.58	31.00
15	AR166016	AR1660M16	05/20/98	1722	9.58	31.00
16	ZZZZZ	6194	05/20/98	1804	9.59	31.02
17	ZZZZZ	6195	05/21/98	1646	9.57	30.98
18	ZZZZZ	6196	05/21/98	1729	9.57	30.98
19	ZZZZZ	6197	05/21/98	1811	9.57	30.98
20	ZZZZZ	6179	05/20/98	2055	9.58	30.99
21	ZZZZZ	6179MS	05/20/98	2137	9.58	30.99
22	ZZZZZ	6179MSD	05/20/98	2220	9.57	30.98
23	ZZZZZ	6044	05/20/98	2302	9.57	30.97
24	AR125417	AR1254M17	05/21/98	0110	9.57	30.98
25	AR166017	AR1660M17	05/21/98	0153	9.58	30.99
26	AR125418	AR1254M18	05/21/98	1149	9.58	30.99
27	AR166018	AR1660M18	05/21/98	1231	9.58	30.99
28	ZZZZZ	6185	05/21/98	1314	9.57	30.98
29	ZZZZZ	6186	05/21/98	1356	9.57	30.98
30	ZZZZZ	6187	05/21/98	1439	9.57	30.98
31	ZZZZZ	6190	05/21/98	1521	9.57	30.98
32	ZZZZZ	6191	05/21/98	1604	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.: 9800.916 SAS No.: SDG No.: 6198

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 #
1	ZZZZZ	6195	05/21/98	1646	9.57	30.98
2	ZZZZZ	6196	05/21/98	1729	9.57	30.98
3	ZZZZZ	6197	05/21/98	1811	9.57	30.98
4	AR166019	AR1660M19	05/21/98	1937	9.57	30.98
5	AR166020	AR1660M20	05/22/98	0450	9.56	30.97
6	AR125420	AR1254M20	05/22/98	0533	9.57	30.97
7	AR166023	AR1660M23	05/26/98	1847	9.58	30.99
8	AR125423	AR1254M23	05/26/98	1930	9.58	30.98
9	A4-004	6201	05/26/98	2012	9.57	30.98
10	A4-005	6202	05/26/98	2055	9.58	30.98
11	A4-006	6203	05/26/98	2138	9.57	30.98
12	A4-007	6204	05/26/98	2220	9.57	30.98
13	A4-009	6206	05/26/98	2303	9.57	30.98
14	AR166024	AR1660M24	05/27/98	0401	9.57	30.97
15	AR125424	AR1254M24	05/27/98	0444	9.57	30.97

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.: 9800.916 SAS No.: SDG No.: 6198

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.: 9800.916 SAS No.: SDG No.: 6198

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	ZZZZZ	6095	05/15/98	1122	8.52	30.26
11	RB-2	6209	05/15/98	1205	8.52	30.26
12	RB-2MS	6209MS	05/15/98	1247	8.53	30.26
13	RB-2MSD	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.: 9800.916 SAS No.: SDG No.: 6198

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	ZZZZZ	6088	05/16/98	1511	8.53	30.27
15	ZZZZZ	6089	05/16/98	1554	8.52	30.26
16	ZZZZZ	6090	05/16/98	1636	8.53	30.27
17	ZZZZZ	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	ZZZZZ	6092	05/16/98	2010	8.52	30.26
21	ZZZZZ	6093	05/16/98	2053	8.52	30.26
22	ZZZZZ	6094	05/16/98	2135	8.52	30.26
23	A4-001	6198	05/16/98	2218	8.52	30.27
24	A4-002	6199	05/16/98	2300	8.52	30.26
25	A4-003	6200	05/16/98	2343	8.52	30.26
26	A4-004	6201	05/26/98	2012	8.52	30.25
27	A4-005	6202	05/26/98	2055	8.52	30.26
28	A4-006	6203	05/26/98	2138	8.52	30.26
29	A4-007	6204	05/26/98	2220	8.51	30.25
30	AR166011	AR1660M11	05/17/98	0359	8.52	30.26
31	AR125411	AR1254M11	05/17/98	0441	8.52	30.26
32	A4-008	6205	05/17/98	0524	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.: 9800.916 SAS No.: SDG No.: 6198

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	A4-009	6206	05/26/98	2303	8.51	30.25
02	A4-010	6207	05/17/98	0649	8.52	30.26
03	A4-011	6208	05/17/98	0732	8.52	30.26
04	ZZZZZ	6096	05/17/98	0815	8.58	30.19
05	ZZZZZ	6097	05/17/98	0857		30.32
06	A4-001MS	6198MS	05/17/98	0940	8.53	30.27
07	A4-001MSD	6198MSD	05/17/98	1022	8.52	30.26
08	AR166012	AR1660M12	05/17/98	1148	8.53	30.26
09	AR125412	AR1254M12	05/17/98	1230	8.52	30.27
10	AR166013	AR1660M13	05/19/98	1124	8.52	30.27
11	AR125413	AR1254M13	05/19/98	1213	8.52	30.26
12	ZZZZZ	6074	05/19/98	1328	8.52	30.26
13	ZZZZZ	6075	05/19/98	1410	8.52	30.26
14	ZZZZZ	6076	05/19/98	1453	8.52	30.27
15	ZZZZZ	6080	05/19/98	1536	8.53	30.27
16	ZZZZZ	6081	05/19/98	1618	8.53	30.27
17	ZZZZZ	6083	05/19/98	1701	8.52	30.27
18	ZZZZZ	6083MS	05/19/98	1744	8.52	30.27
19	ZZZZZ	6083MSD	05/19/98	1843	8.52	30.26
20	ZZZZZ	6084	05/19/98	1926	8.52	30.26
21	ZZZZZ	6085	05/19/98	2009	8.52	30.27
22	AR166014	AR1660M14	05/19/98	2134	8.52	30.27
23	AR125414	AR1254M14	05/19/98	2217	8.52	30.27
24	ZZZZZ	1338-41-1	05/19/98	2259	8.52	30.27
25	ZZZZZ	1338-41-2	05/19/98	2342	8.52	30.27
26	ZZZZZ	6178	05/20/98	0024	8.52	30.27
27	ZZZZZ	617901	05/20/98	0106	8.52	30.27
28	ZZZZZ	6179MS01	05/20/98	0150	8.52	30.26
29	ZZZZZ	6179MSD01	05/20/98	0233	8.52	30.27
30	ZZZZZ	6180	05/20/98	0315	8.52	30.27
31	ZZZZZ	6181	05/20/98	0358	8.53	30.27
32	ZZZZZ	6182	05/20/98	0441	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.: 9800.916 SAS No.: SDG No.: 6198

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	6183	05/20/98	0523	8.52	30.26
02	AR125415	AR1254M15	05/20/98	0649	8.52	30.27
03	AR166015	AR1660M15	05/20/98	0732	8.52	30.27
04	ZZZZZ	6184	05/20/98	0814	8.53	30.27
05	ZZZZZ	6185	05/21/98	1314	8.52	30.27
06	ZZZZZ	6186	05/21/98	1356	8.52	30.26
07	ZZZZZ	6187	05/21/98	1439	8.52	30.26
08	ZZZZZ	6188	05/20/98	1105	8.53	30.27
09	ZZZZZ	6189	05/20/98	1148	8.53	30.27
10	ZZZZZ	6190	05/21/98	1521	8.52	30.27
11	ZZZZZ	6191	05/21/98	1604	8.52	30.26
12	ZZZZZ	6192	05/20/98	1431	8.53	30.27
13	ZZZZZ	6193	05/20/98	1514	8.53	30.28
14	AR125416	AR1254M16	05/20/98	1639	8.53	30.28
15	AR166016	AR1660M16	05/20/98	1722	8.53	30.28
16	ZZZZZ	6194	05/20/98	1804	8.53	30.29
17	ZZZZZ	6195	05/21/98	1646	8.52	30.26
18	ZZZZZ	6196	05/21/98	1729	8.52	30.26
19	ZZZZZ	6197	05/21/98	1811	8.52	30.26
20	ZZZZZ	6179	05/20/98	2055	8.52	30.27
21	ZZZZZ	6179MS	05/20/98	2137	8.52	30.27
22	ZZZZZ	6179MSD	05/20/98	2220	8.52	30.26
23	ZZZZZ	6044	05/20/98	2302	8.52	30.26
24	AR125417	AR1254M17	05/21/98	0110	8.52	30.26
25	AR166017	AR1660M17	05/21/98	0153	8.52	30.26
26	AR125418	AR1254M18	05/21/98	1149	8.52	30.26
27	AR166018	AR1660M18	05/21/98	1231	8.52	30.27
28	ZZZZZ	6185	05/21/98	1314	8.52	30.27
29	ZZZZZ	6186	05/21/98	1356	8.52	30.26
30	ZZZZZ	6187	05/21/98	1439	8.52	30.26
31	ZZZZZ	6190	05/21/98	1521	8.52	30.27
32	ZZZZZ	6191	05/21/98	1604	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.: 9800.916 SAS No.: SDG No.: 6198

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	6195	05/21/98	1646	8.52	30.26
02	ZZZZZ	6196	05/21/98	1729	8.52	30.26
03	ZZZZZ	6197	05/21/98	1811	8.52	30.26
04	AR166019	AR1660M19	05/21/98	1937	8.52	30.26
05	AR166020	AR1660M20	05/22/98	0450	8.51	30.25
06	AR125419	AR1254M19	05/22/98	0533	8.51	30.25
07	AR166023	AR1660M23	05/26/98	1847	8.52	30.27
08	AR125423	AR1254M23	05/26/98	1930	8.52	30.26
09	A4-004	6201	05/26/98	2012	8.52	30.25
10	A4-005	6202	05/26/98	2055	8.52	30.26
11	A4-006	6203	05/26/98	2138	8.52	30.26
12	A4-007	6204	05/26/98	2220	8.51	30.25
13	A4-009	6206	05/26/98	2303	8.51	30.25
14	AR166024	AR1660M24	05/27/98	0401	8.51	30.25
15	AR125424	AR1254M24	05/27/98	0444	8.51	30.25

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.

A4-001

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Lab Sample ID : 6198 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	90.5		
Aroclor-1254	2	18.47	18.38	18.52	150		
	3	19.81	19.72	19.86	227		
COLUMN 1	4	20.71	20.62	20.76	321		
	5	22.49	22.40	22.54	572	270	
	1	17.52	17.43	17.57	86.2		
	2	17.91	17.83	17.97	181		
	3	19.67	19.59	19.73	194		
COLUMN 2	4	20.81	20.72	20.86	364		
	5	22.23	22.15	22.29	577	280	3.7
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	78.3		
	5	25.86	25.77	25.91	133	110	
	1	20.33	20.25	20.39	121		
	2						
	3						
COLUMN 2	4	23.64	23.54	23.68	190		
	5	24.25	24.17	24.31	108	140	27.3

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.

A4-002

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Lab Sample ID : 6199 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	116		
Aroclor-1254	2	18.47	18.38	18.52	172		
	3	19.81	19.72	19.86	280		
COLUMN 1	4	20.71	20.62	20.76	349		
	5	22.49	22.40	22.54	583	300	
	1	17.52	17.43	17.57	112		
	2	17.92	17.83	17.97	226		
	3	19.67	19.59	19.73	231		
COLUMN 2	4	20.81	20.72	20.86	401		
	5	22.23	22.15	22.29	722	340	13.3
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	79.5		
	5	25.85	25.77	25.91	139	110	
	1	20.33	20.25	20.39	139		
	2						
	3						
COLUMN 2	4	23.64	23.54	23.68	227		
	5	24.25	24.17	24.31	88.1	150	36.4

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.

A4-003

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Lab Sample ID : 6200 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	54.9		
Aroclor-1254	2	18.47	18.38	18.52	71.8		
	3	19.80	19.72	19.86	117		
COLUMN 1	4	20.71	20.62	20.76	174		
	5	22.48	22.40	22.54	294	140	
	1	17.51	17.43	17.57	51.3		
	2	17.91	17.83	17.97	118		
	3	19.67	19.59	19.73	109		
COLUMN 2	4	20.80	20.72	20.86	232		
	5	22.23	22.15	22.29	347	170	21.4
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	52.5		
	5	25.85	25.77	25.91	85.8	69	
	1	20.33	20.25	20.39	72.6		
	2						
	3						
COLUMN 2	4	23.63	23.54	23.68	122		
	5	24.25	24.17	24.31	53.0	83	20.3

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.

A4-004

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Lab Sample ID : 6201 Dates(s) Analyzed: 05/26/98 05/26/98

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	663		
Aroclor-1254	2	18.48	18.38	18.52	2140		
	3	19.81	19.72	19.86	988		
COLUMN 1	4	20.71	20.62	20.76	1020		
	5	22.48	22.40	22.54	1200	1200	
	1						
	2	17.92	17.83	17.97	5780		
	3	19.66	19.59	19.73	594		
COLUMN 2	4	20.85	20.72	20.86	3650		
	5	22.21	22.15	22.29	9600	4900	308.3
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	117		
	5	25.85	25.77	25.91	217	170	
	1						
	2						
	3						
COLUMN 2	4	23.63	23.54	23.68	494		
	5	24.25	24.17	24.31	173	330	94.1

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.

A4-005

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Lab Sample ID : 6202 Dates(s) Analyzed: 05/26/98 05/26/98

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	138		
Aroclor-1254	2	18.47	18.38	18.52	233		
	3	19.81	19.72	19.86	324		
COLUMN 1	4	20.71	20.62	20.76	459		
	5	22.49	22.40	22.54	814	390	
	1						
	2	17.91	17.83	17.97	291		
	3	19.67	19.59	19.73	313		
COLUMN 2	4	20.80	20.72	20.86	599		
	5	22.23	22.15	22.29	960	540	38.5
	1	20.53	20.57	20.71	38.8		
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	90.4		
	5	25.85	25.77	25.91	165	98	
	1						
	2						
	3						
COLUMN 2	4	23.63	23.54	23.68	325		
	5	24.25	24.17	24.31	115	220	124.5

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.

A4-006

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Lab Sample ID : 6203 Dates(s) Analyzed: 05/26/98 05/26/98

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	196		
Aroclor-1254	2	18.47	18.38	18.52	271		
	3	19.81	19.72	19.86	368		
COLUMN 1	4	20.71	20.62	20.76	474		
	5	22.48	22.40	22.54	685	400	
	1						
	2	17.91	17.83	17.97	314		
	3	19.67	19.59	19.73	343		
COLUMN 2	4	20.80	20.72	20.86	522		
	5	22.23	22.15	22.29	759	480	20.0
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	83.8		
	5	25.85	25.77	25.91	142	110	
	1						
	2						
	3						
COLUMN 2	4	23.63	23.54	23.68	283		
	5	24.25	24.17	24.31	108	200	81.8

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.

A4-007

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Lab Sample ID : 6204 Dates(s) Analyzed: 05/26/98 05/26/98

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	24.7		
Aroclor-1254	2	18.47	18.38	18.52	27.8		
	3	19.80	19.72	19.86	38.0		
COLUMN 1	4	20.70	20.62	20.76	42.1		
	5	22.48	22.40	22.54	52.2	37	
	1						
	2	17.90	17.83	17.97	38.5		
	3	19.66	19.59	19.73	34.6		
COLUMN 2	4	20.80	20.72	20.86	51.6		
	5	22.22	22.15	22.29	83.7	52	40.5
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	8.04		
	5	25.85	25.77	25.91	13.3	11	
	1						
	2						
	3						
COLUMN 2	4	23.62	23.54	23.68	24.5		
	5	24.24	24.17	24.31	9.32	17	54.6

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.

A4-008

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Lab Sample ID : 6205 Dates(s) Analyzed: 05/17/98 05/17/98

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	36.6		
Aroclor-1254	2	18.47	18.38	18.52	45.4		
	3	19.80	19.72	19.86	64.4		
COLUMN 1	4	20.70	20.62	20.76	73.6		
	5	22.48	22.40	22.54	102	64	
	1	17.51	17.43	17.57	36.4		
	2	17.91	17.83	17.97	62.0		
	3	19.67	19.59	19.73	54.7		
COLUMN 2	4	20.80	20.72	20.86	91.8		
	5	22.22	22.15	22.29	166	82	28.1
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	14.2		
	5	25.85	25.77	25.91	34.3	24	
	1	20.33	20.25	20.39	36.3		
	2						
	3						
COLUMN 2	4	23.63	23.54	23.68	43.5		
	5	24.25	24.17	24.31	18.5	33	37.5

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.

A4-009

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Lab Sample ID : 6206 Dates(s) Analyzed: 05/26/98 05/26/98

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	300		
Aroclor-1254	2	18.47	18.38	18.52	470		
	3	19.81	19.72	19.86	597		
COLUMN 1	4	20.71	20.62	20.76	795		
	5	22.48	22.40	22.54	1250	680	
	1						
	2	17.90	17.83	17.97	569		
	3	19.66	19.59	19.73	570		
COLUMN 2	4	20.80	20.72	20.86	961		
	5	22.22	22.15	22.29	1500	900	32.4
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	141		
	5	25.85	25.77	25.91	257	200	
	1						
	2						
	3						
COLUMN 2	4	23.62	23.54	23.68	507		
	5	24.24	24.17	24.31	186	350	75.0

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.

A4-010

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Lab Sample ID : 6207 Dates(s) Analyzed: 05/17/98 05/17/98

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	91.9		
Aroclor-1254	2	18.46	18.38	18.52	148		
	3	19.80	19.72	19.86	222		
COLUMN 1	4	20.70	20.62	20.76	317		
	5	22.48	22.40	22.54	554	270	
	1	17.51	17.43	17.57	87.3		
	2	17.91	17.83	17.97	181		
	3	19.66	19.59	19.73	194		
COLUMN 2	4	20.80	20.72	20.86	354		
	5	22.22	22.15	22.29	577	280	3.7
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	67.8		
	5	25.85	25.77	25.91	132	100	
	1	20.33	20.25	20.39	117		
	2						
	3						
COLUMN 2	4	23.63	23.54	23.68	191		
	5	24.24	24.17	24.31	107	140	40.0

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.

A4-011

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Lab Sample ID : 6208 Dates(s) Analyzed: 05/17/98 05/17/98

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	43.3		
Aroclor-1254	2	18.46	18.38	18.52	74.0		
	3	19.80	19.72	19.86	109		
COLUMN 1	4	20.70	20.62	20.76	158		
	5	22.48	22.40	22.54	268	130	
	1	17.51	17.43	17.57	38.4		
	2	17.91	17.83	17.97	88.5		
	3	19.66	19.59	19.73	94.2		
COLUMN 2	4	20.80	20.72	20.86	195		
	5	22.23	22.15	22.29	258	130	0.0
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	38.7		
	5	25.85	25.77	25.91	36.1	37	
	1	20.33	20.25	20.39	57.2		
	2						
	3						
COLUMN 2	4	23.63	23.54	23.68	107		
	5	24.25	24.17	24.31	36.6	67	81.1

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.

A4-001MS

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Lab Sample ID : 6198MS Dates(s) Analyzed: 05/17/98 05/17/98

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	244		
Aroclor-1254	2	18.47	18.38	18.52	281		
	3	19.81	19.72	19.86	372		
COLUMN 1	4	20.71	20.62	20.76	425		
	5	22.49	22.40	22.54	623	390	
	1	17.52	17.43	17.57	206		
	2	17.91	17.83	17.97	283		
	3	19.67	19.59	19.73	303		
COLUMN 2	4	20.81	20.72	20.86	426		
	5	22.23	22.15	22.29	686	380	2.6
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	73.2		
	5	25.86	25.77	25.91	148	110	
	1	20.34	20.25	20.39	175		
	2						
	3						
COLUMN 2	4	23.64	23.54	23.68	226		
	5	24.25	24.17	24.31	106	170	54.6

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.

A4-001MSD

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Lab Sample ID : 6198MSD Dates(s) Analyzed: 05/17/98 05/17/98

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	257		
Aroclor-1254	2	18.47	18.38	18.52	304		
	3	19.81	19.72	19.86	401		
COLUMN 1	4	20.71	20.62	20.76	476		
	5	22.49	22.40	22.54	706	430	
	1	17.51	17.43	17.57	206		
	2	17.91	17.83	17.97	289		
	3	19.67	19.59	19.73	329		
COLUMN 2	4	20.81	20.72	20.86	474		
	5	22.23	22.15	22.29	763	410	4.9
	1						
Aroclor-1260	2						
	3						
COLUMN 1	4	24.81	24.73	24.87	84.2		
	5	25.86	25.77	25.91	164	120	
	1	20.33	20.25	20.39	187		
	2						
	3						
COLUMN 2	4	23.64	23.54	23.68	248		
	5	24.25	24.17	24.31	122	190	58.3

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.

RB-2MS

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Lab Sample ID : 6209MS Dates(s) Analyzed: 05/15/98 05/15/98

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	9.48		
Aroclor-1254	2	18.47	18.38	18.52	8.90		
	3	19.81	19.72	19.86	9.81		
COLUMN 1	4	20.71	20.62	20.76	9.26		
	5	22.49	22.40	22.54	8.98	9.3	
	1	17.52	17.43	17.57	8.05		
	2	17.91	17.83	17.97	8.00		
	3	19.67	19.59	19.73	8.35		
COLUMN 2	4	20.81	20.72	20.86	7.61		
	5	22.23	22.15	22.29	8.09	8.0	16.2

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.

RB-2MSD

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Lab Sample ID : 6209MSD Dates(s) Analyzed: 05/15/98 05/15/98

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)

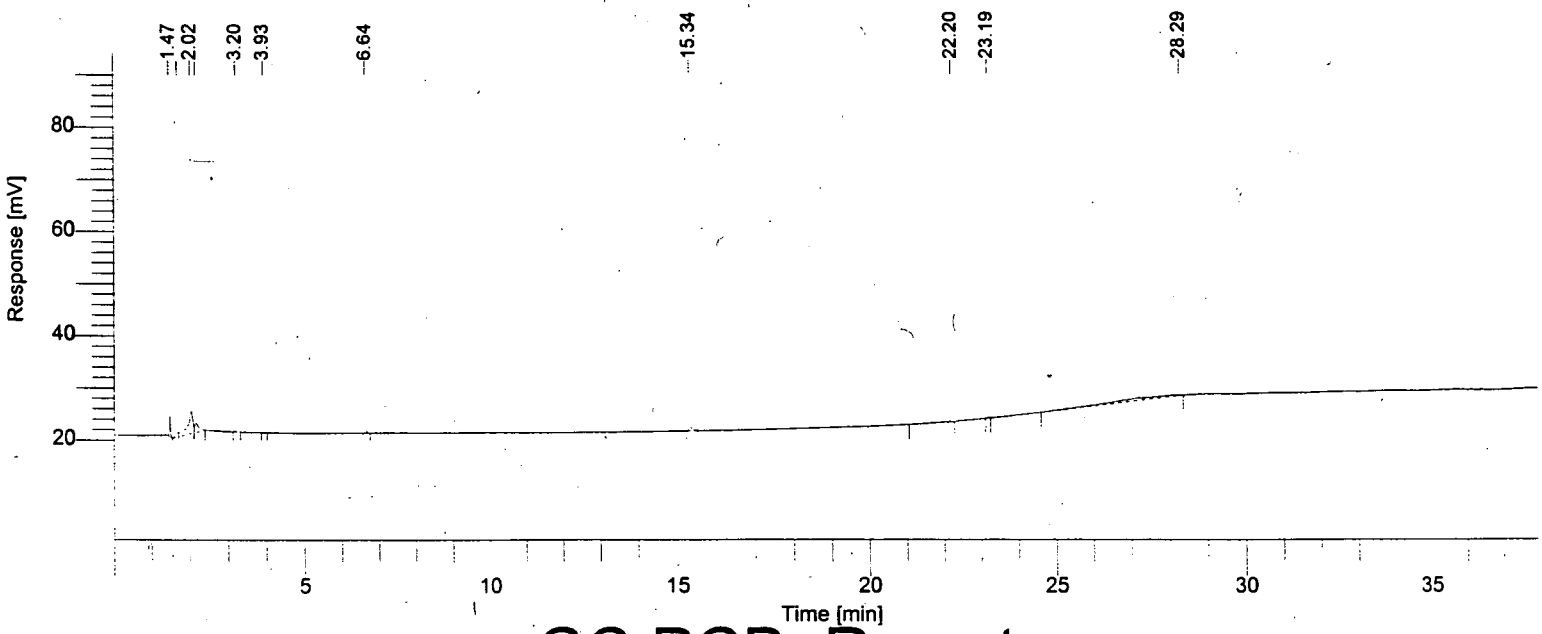
ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	17.68	17.59	17.73	8.89		
Aroclor-1254	2	18.47	18.38	18.52	8.53		
	3	19.81	19.72	19.86	9.31		
COLUMN 1	4	20.71	20.62	20.76	8.91		
	5	22.49	22.40	22.54	8.73	8.9	
	1	17.52	17.43	17.57	7.39		
	2	17.91	17.83	17.97	7.34		
	3	19.67	19.59	19.73	7.92		
COLUMN 2	4	20.81	20.72	20.86	7.02		
	5	22.24	22.15	22.29	7.63	7.5	18.7

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
Data Acquisition Time	: 04/29/98 17:34:18 PM	Cycle	: 1

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_001.raw
Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_001.rst
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_001.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

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:
\\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_001.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	: 05/22/98 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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Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_002.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
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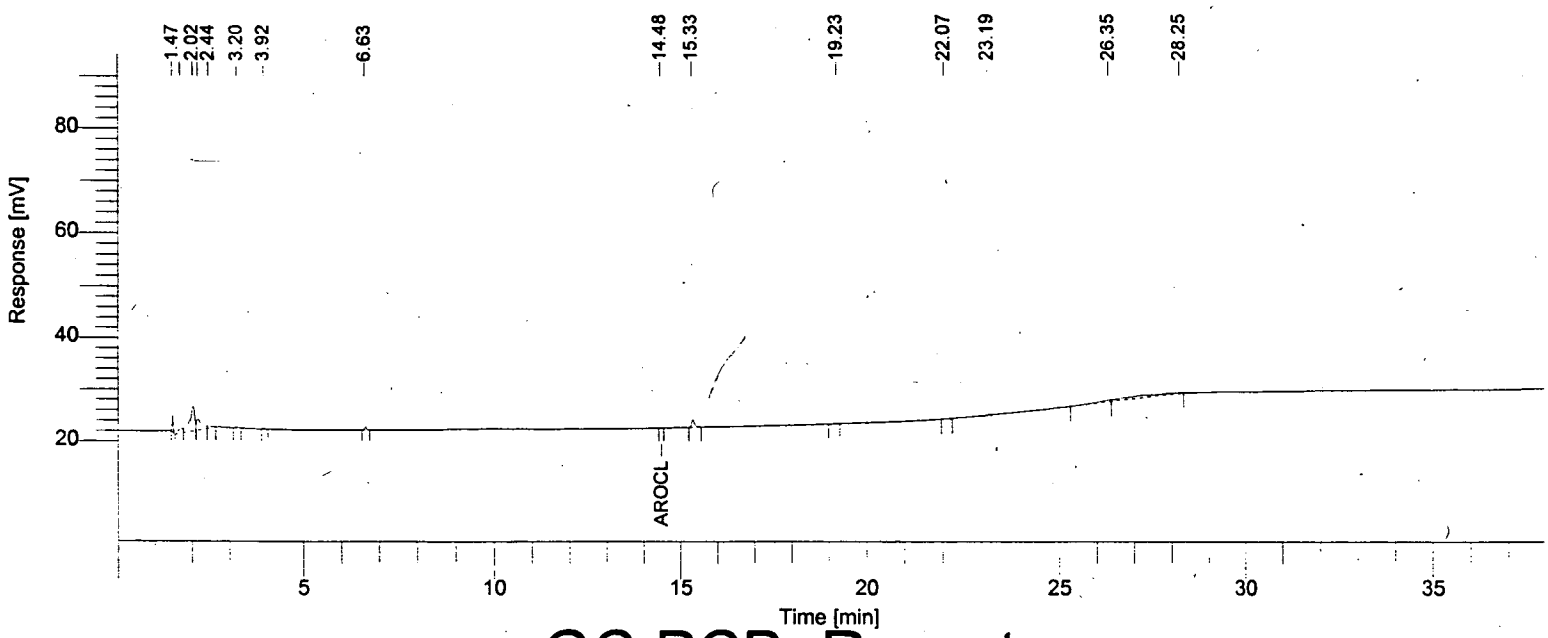

GC PCB Report

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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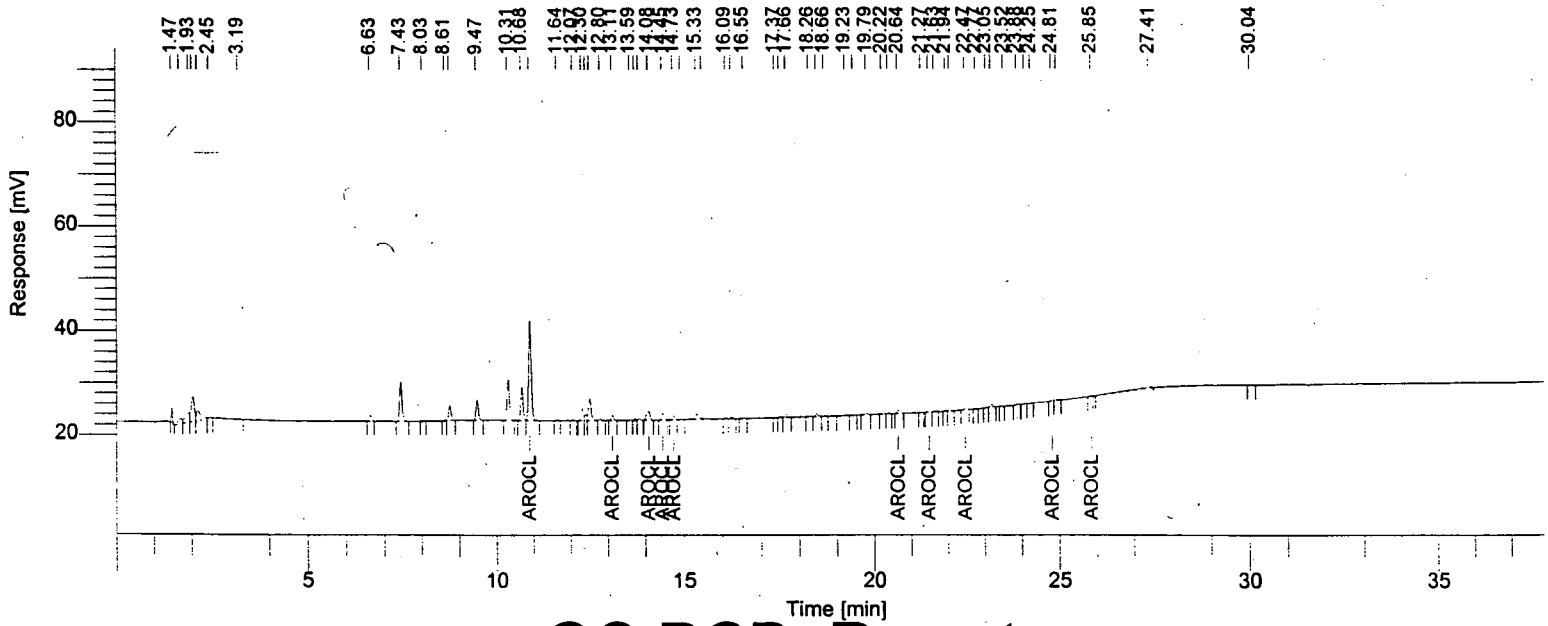
Group Report For : AR1260

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
Data Acquisition Time	: 04/29/98 18:59:16 PM	Cycle	: 3

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_003.raw
Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_003.rst
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
\\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_003.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
	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

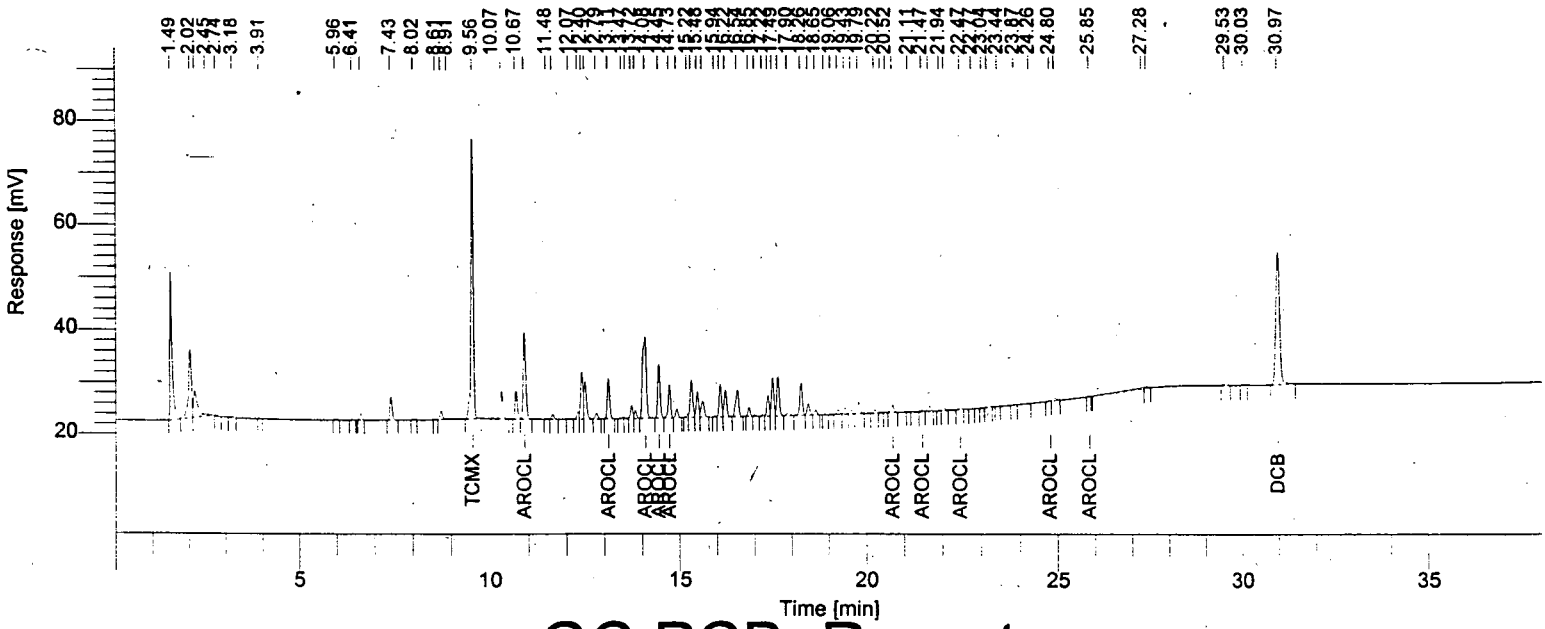
Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
16	10.90	Aroclor 1016-1	93871	0.2692
23	13.11	Aroclor 1016-2	4464	0.0107
27	14.08	Aroclor 1016-3	11254	0.0084
28	14.45	Aroclor 1016-4	5569	0.0099
29	14.73	Aroclor 1016-5	2794	0.0080

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

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_004.raw
Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_004.rst
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_004.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
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:
\\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_004.rst

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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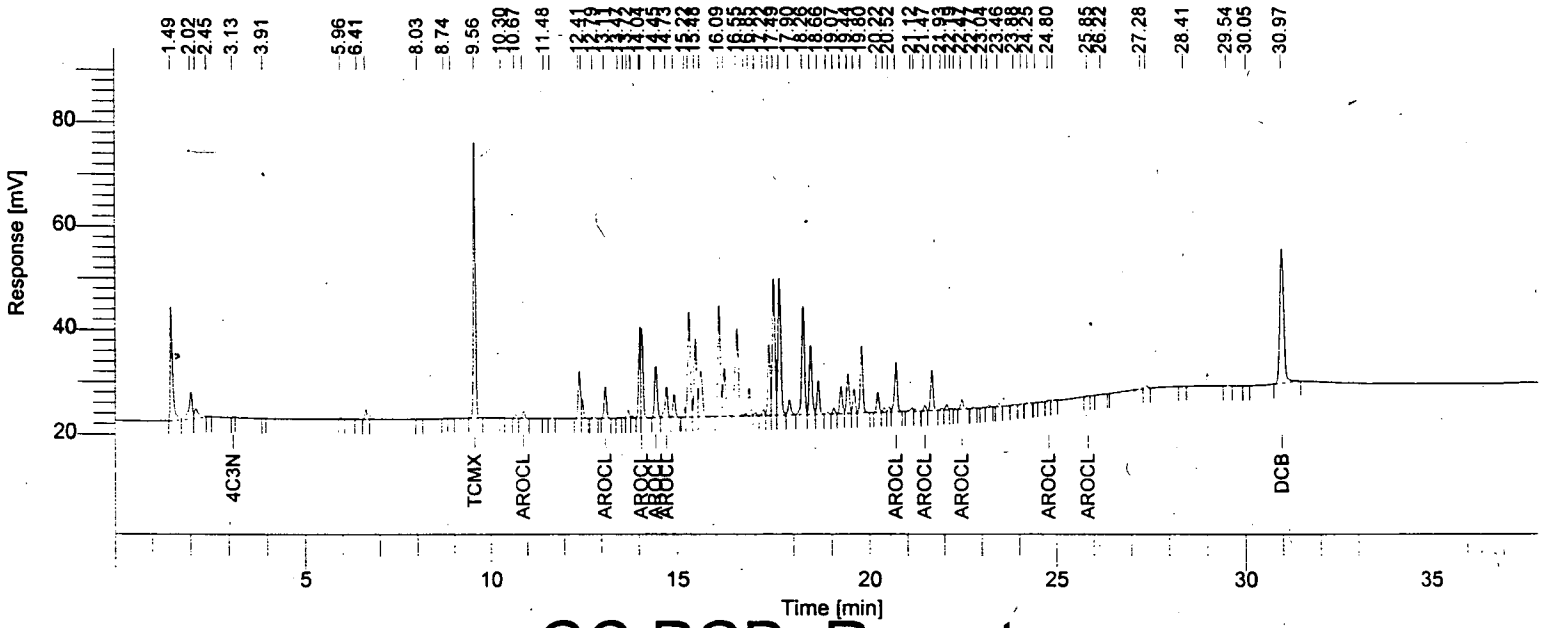
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_005.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



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	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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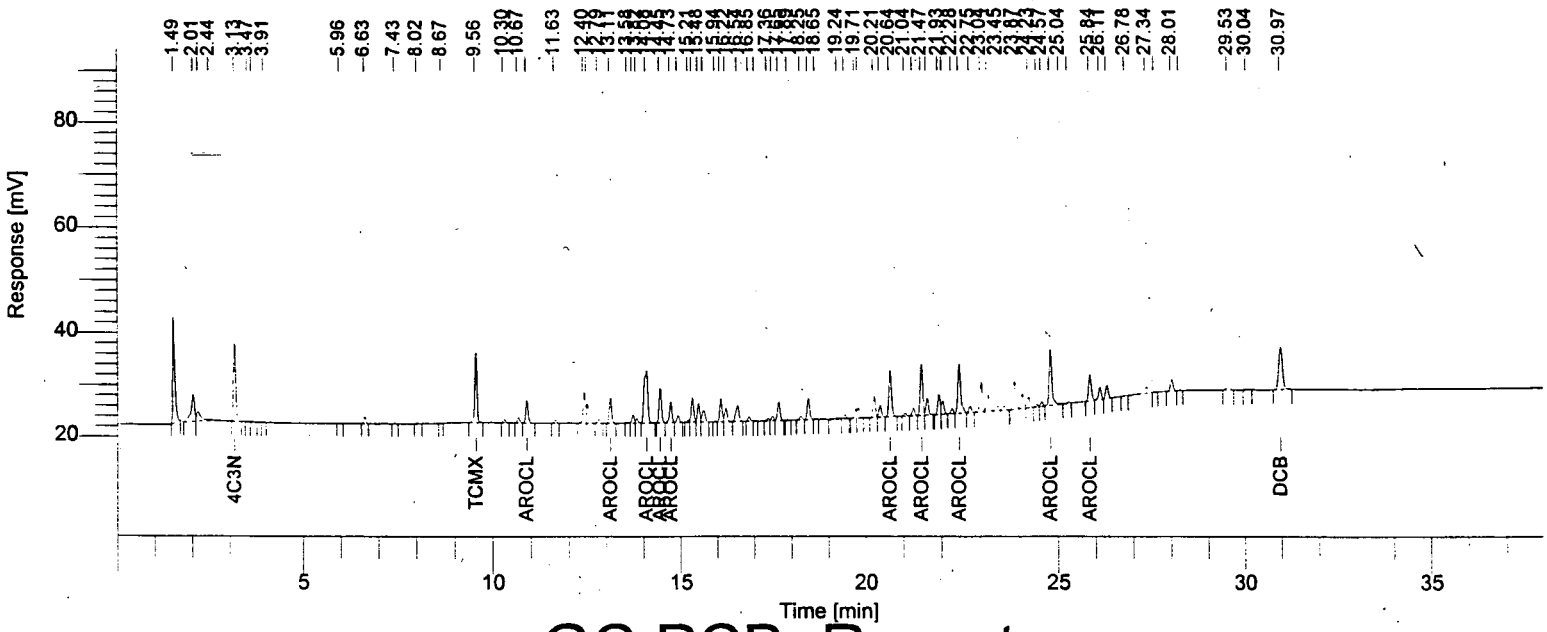
Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_006.rst
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_006.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
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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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
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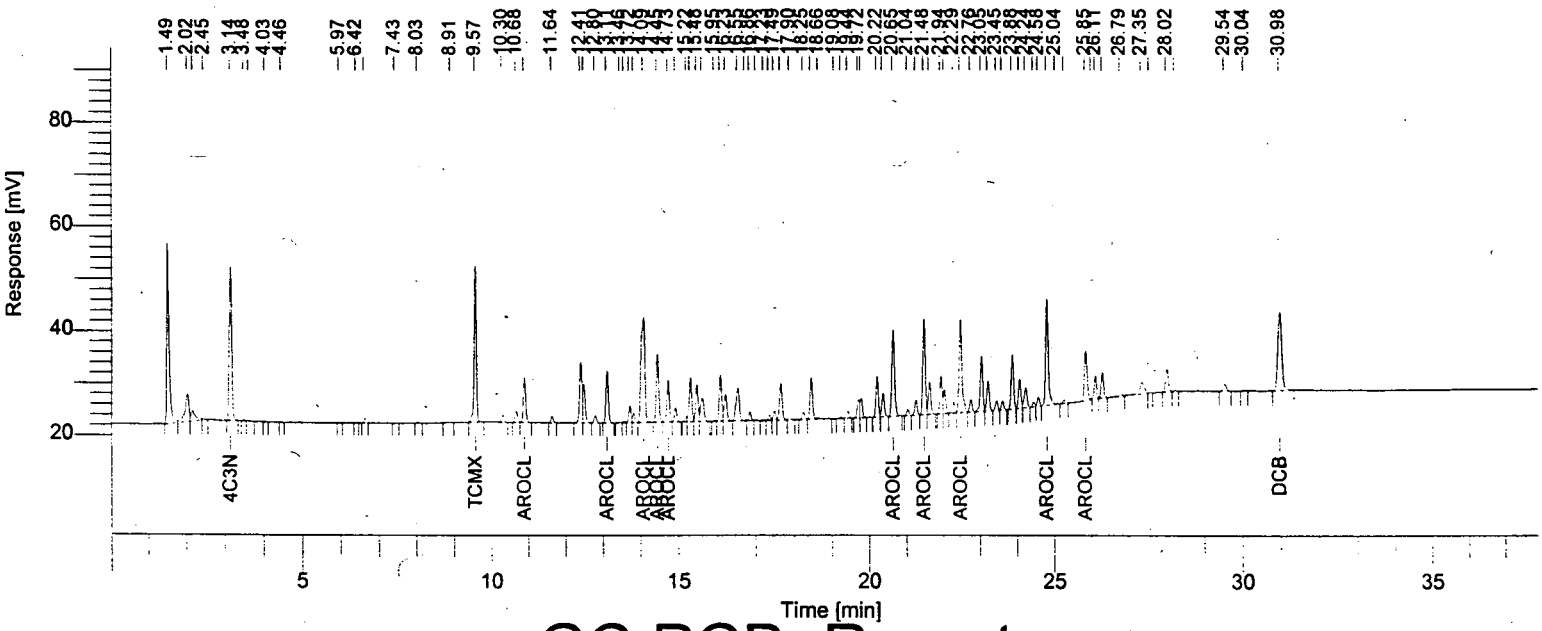

GC PCB Report

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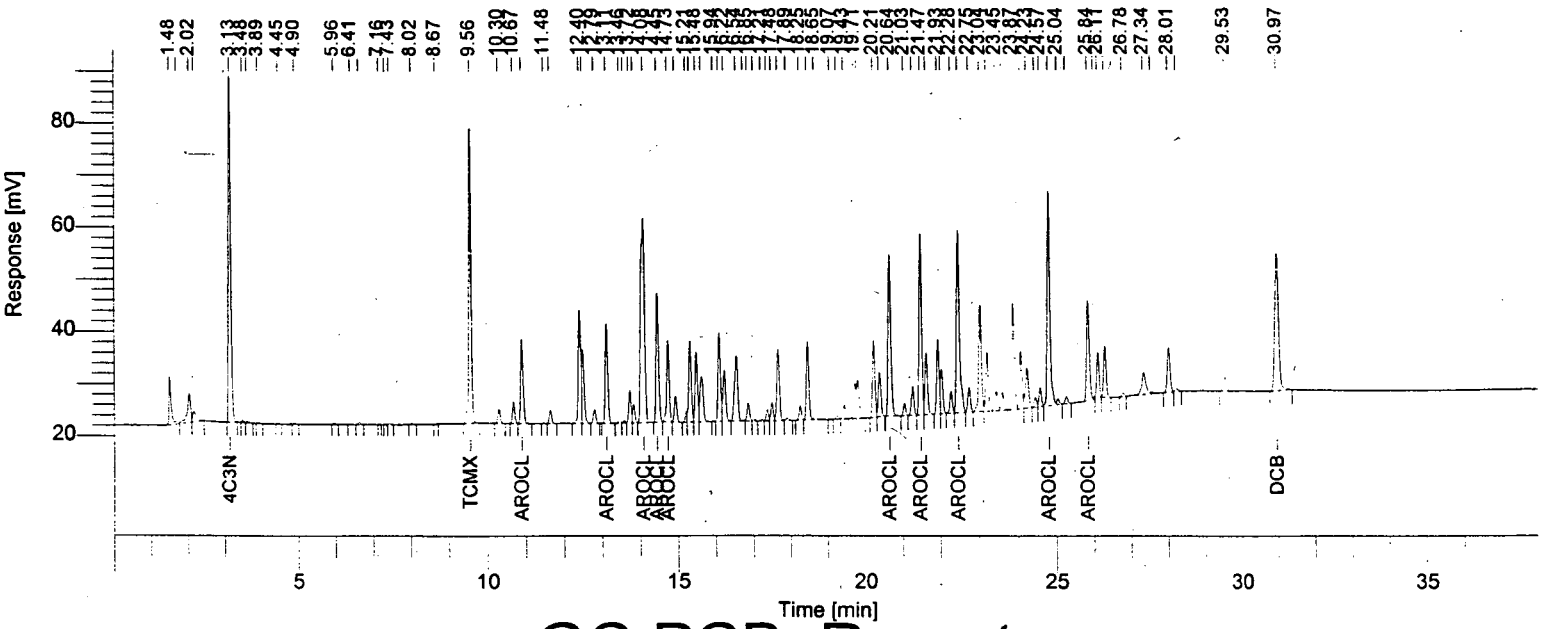
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



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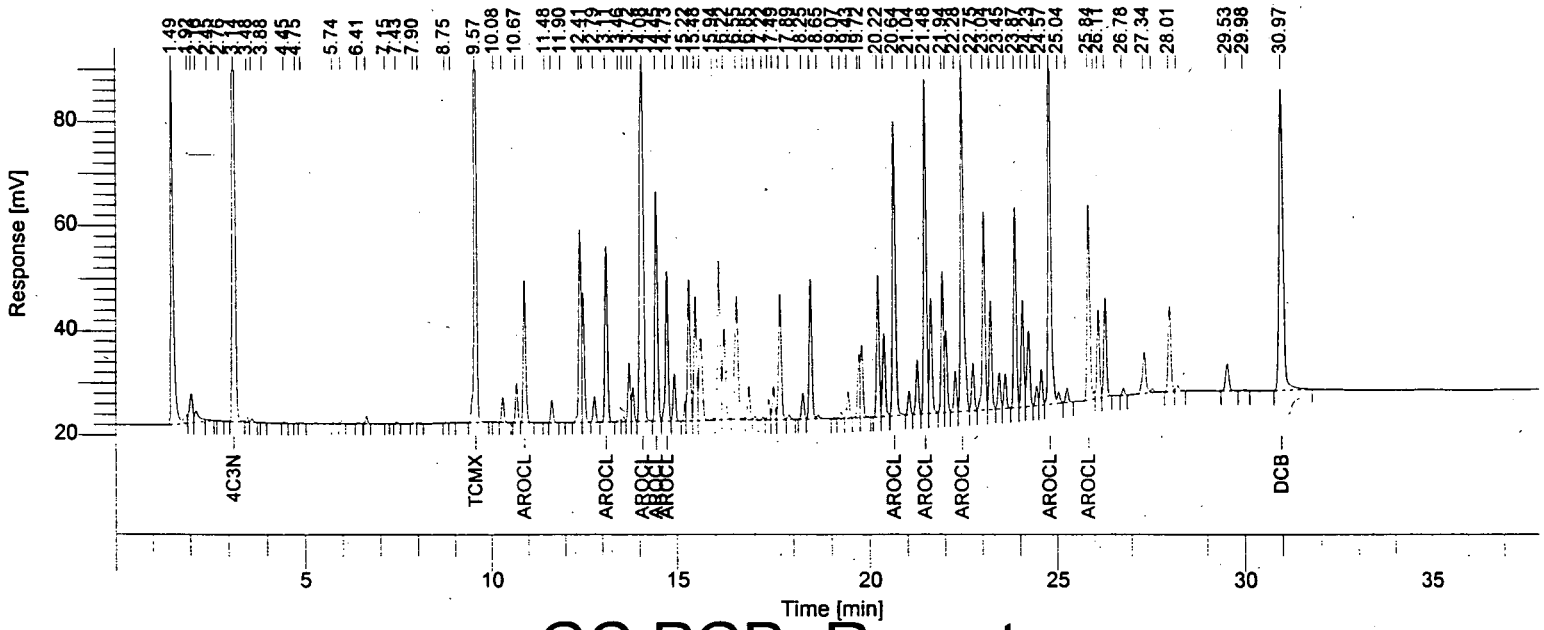
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



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
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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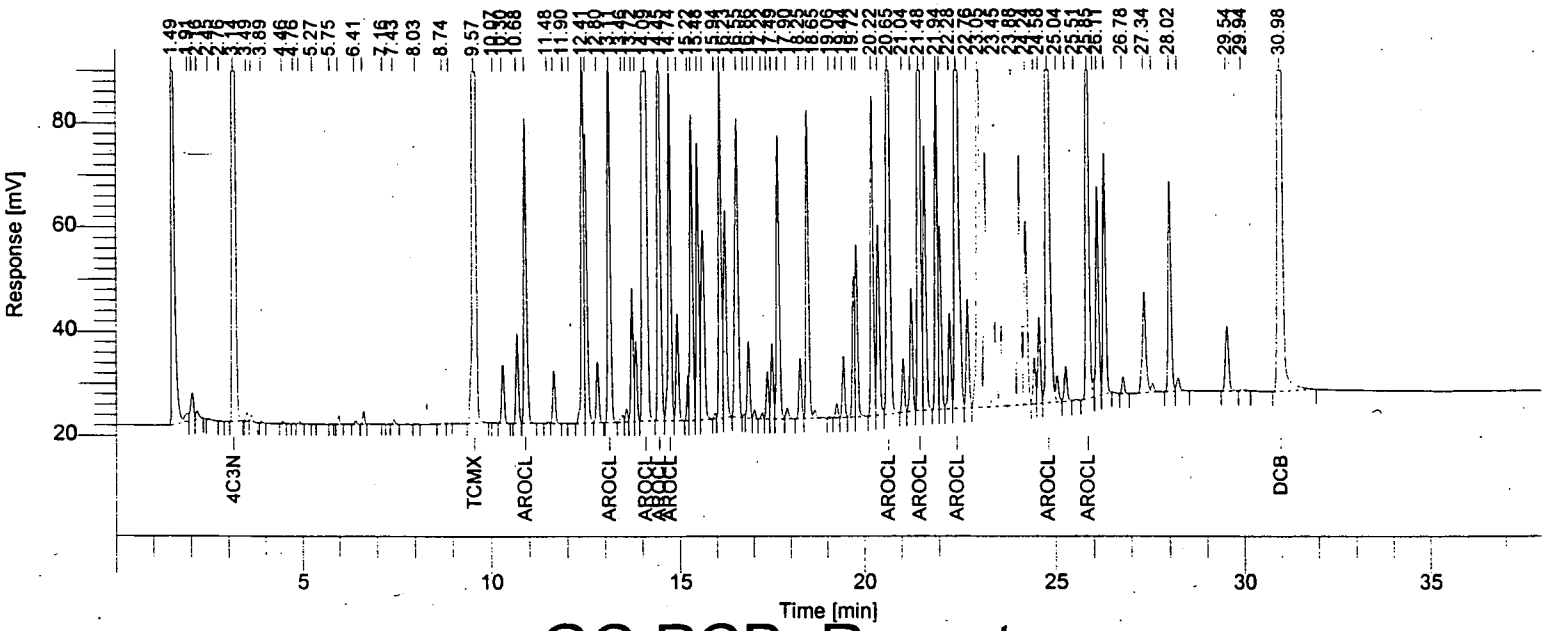

GC PCB Report

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
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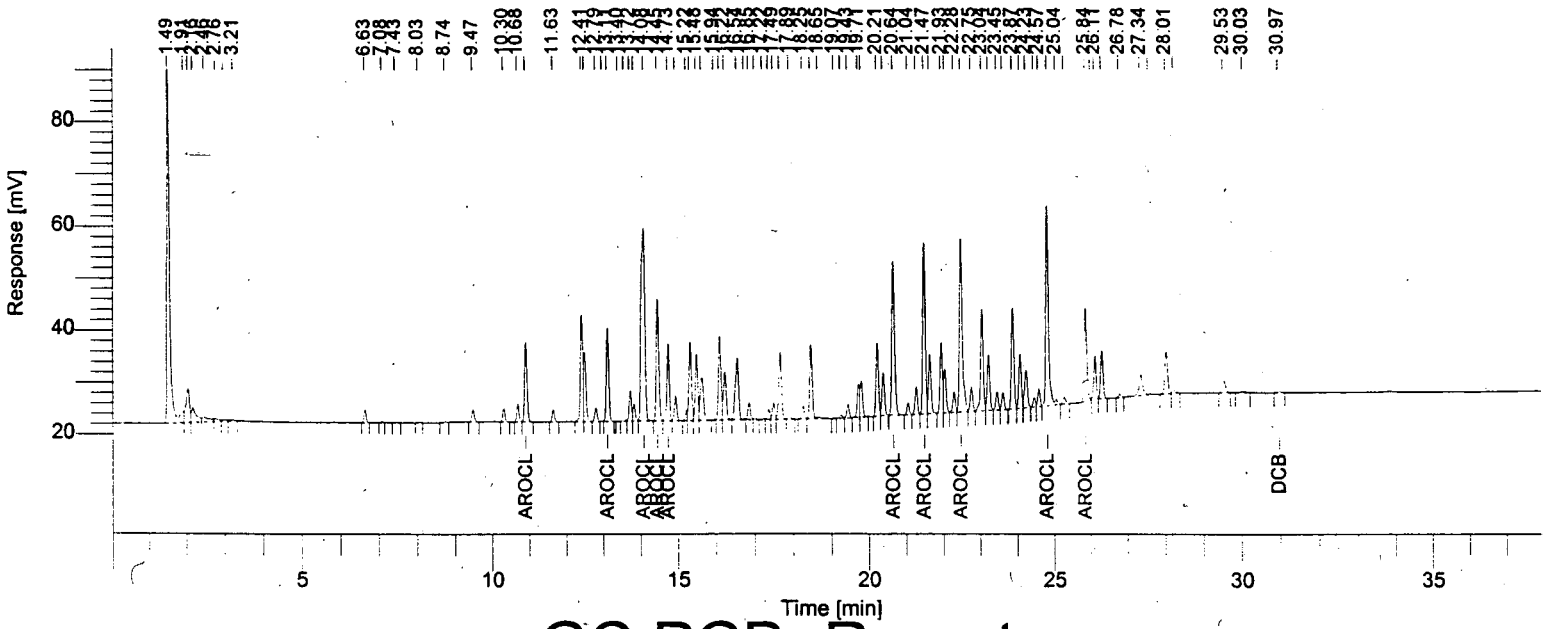

GC PCB Report

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

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	14.08	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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Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1242_0429.mth
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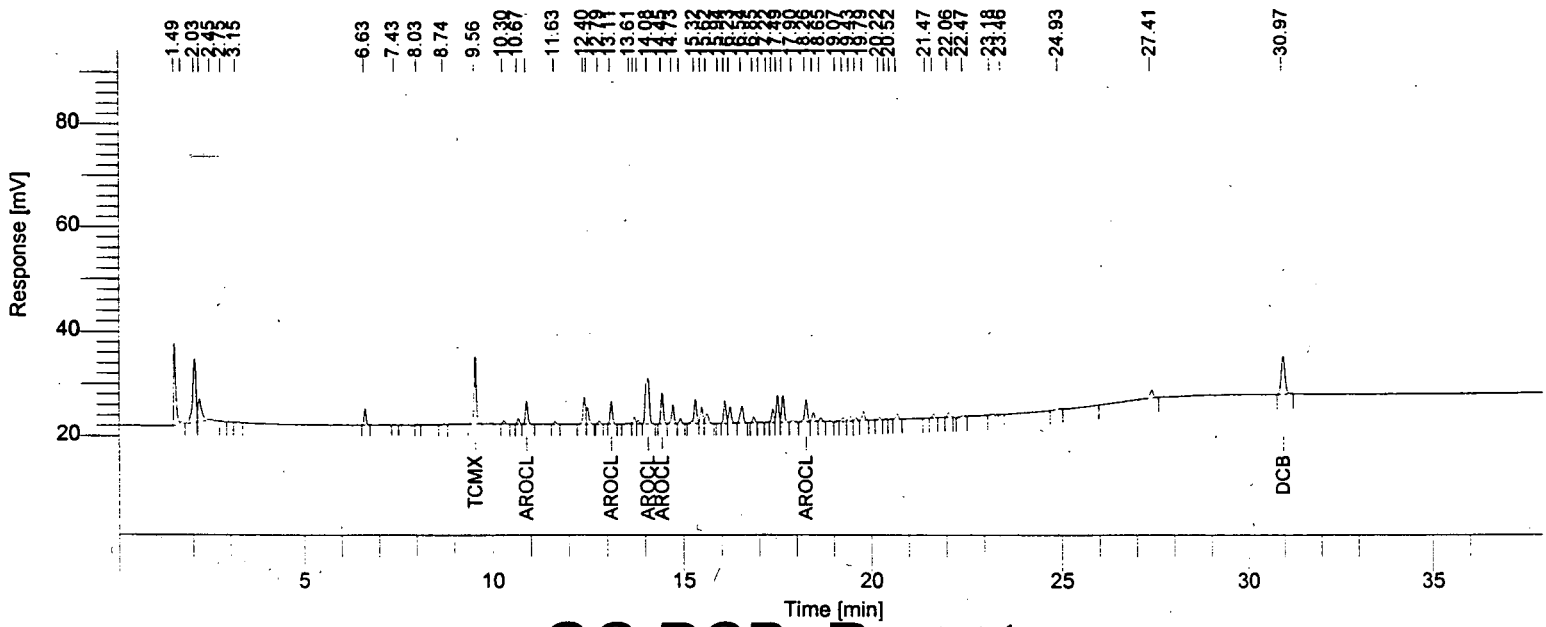

GC PCB Report

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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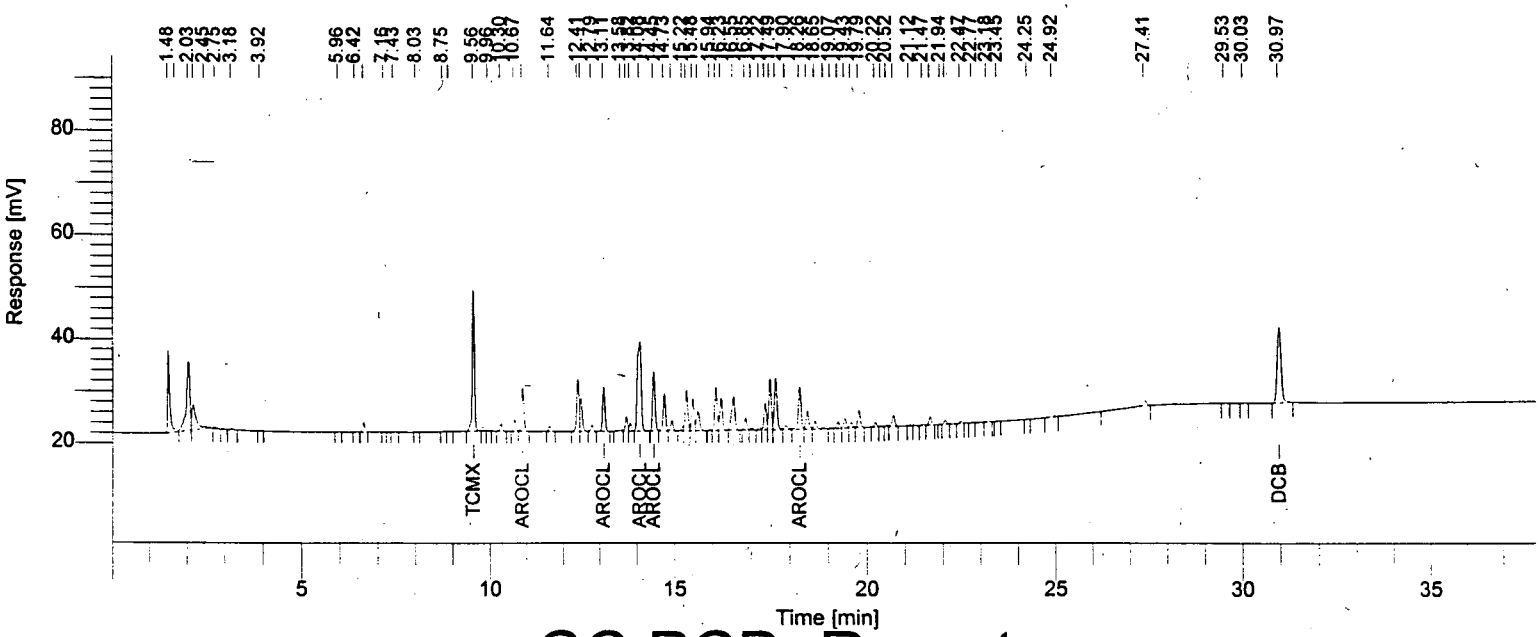

GC PCB Report

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
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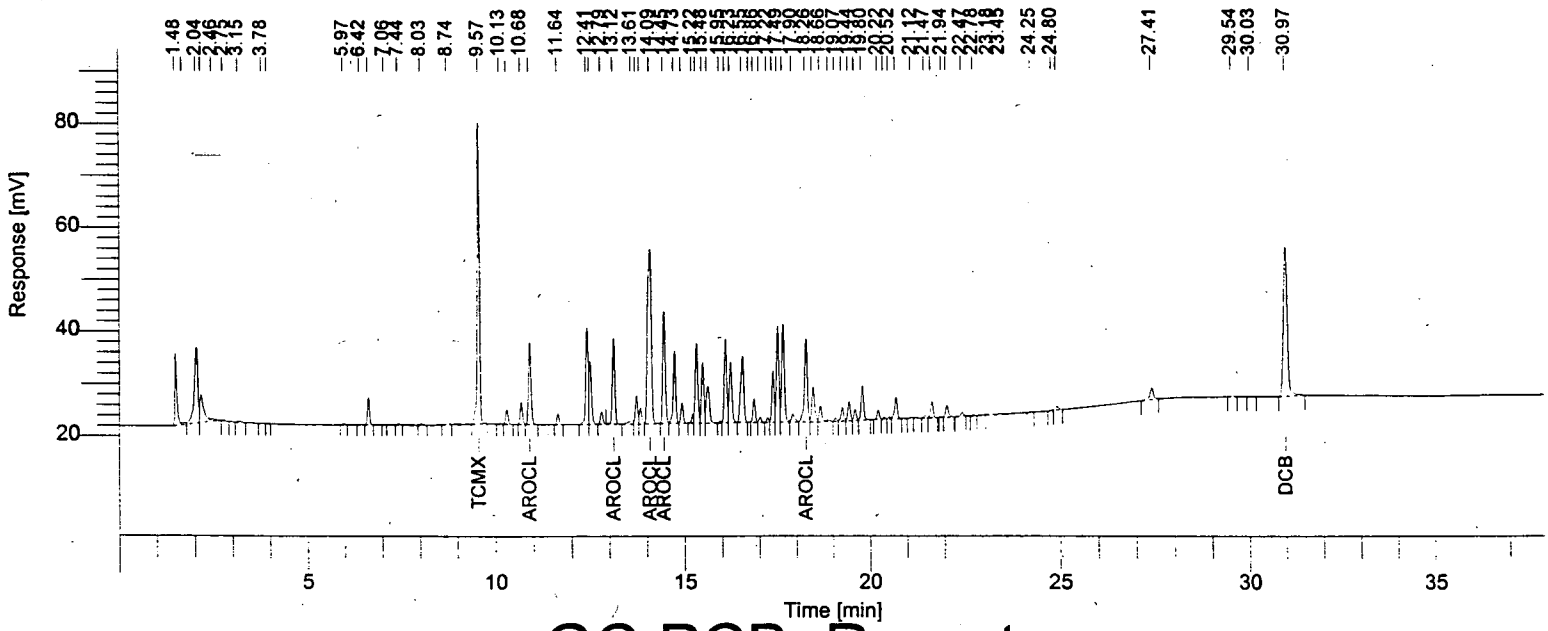

GC PCB Report

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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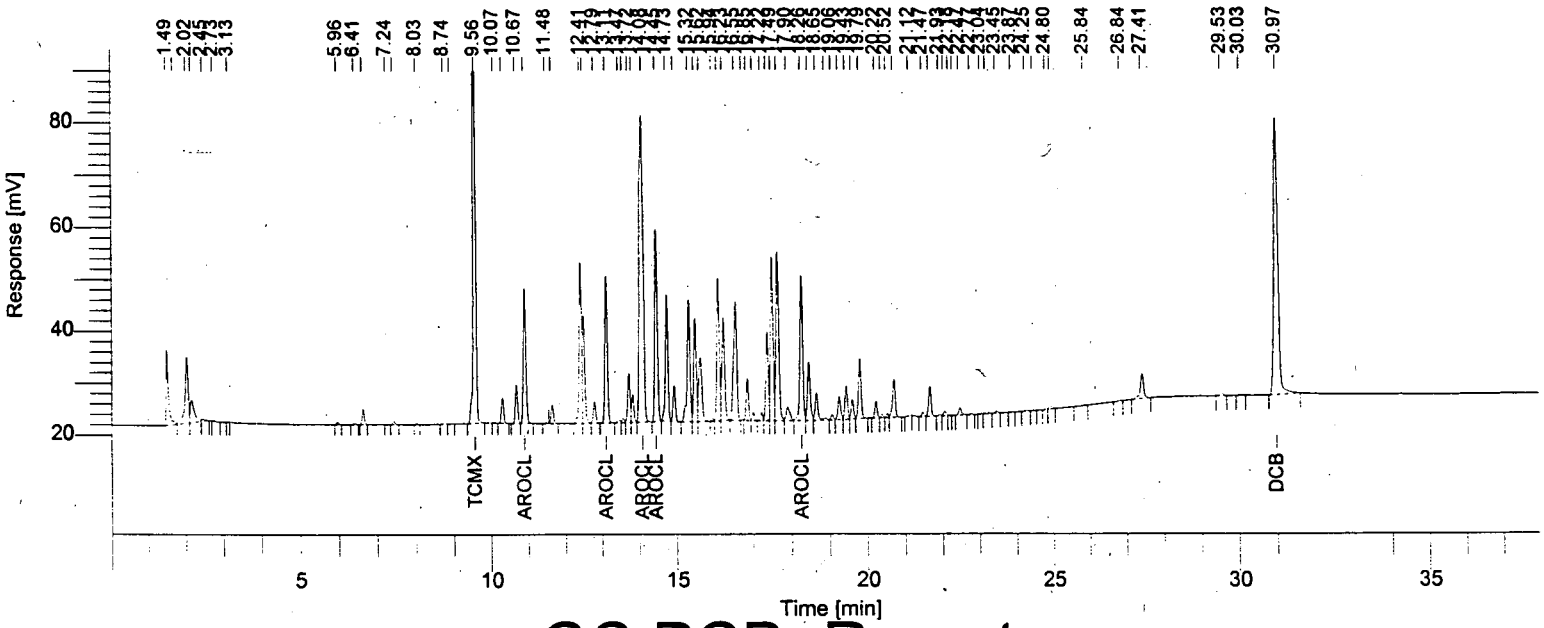

GC PCB Report

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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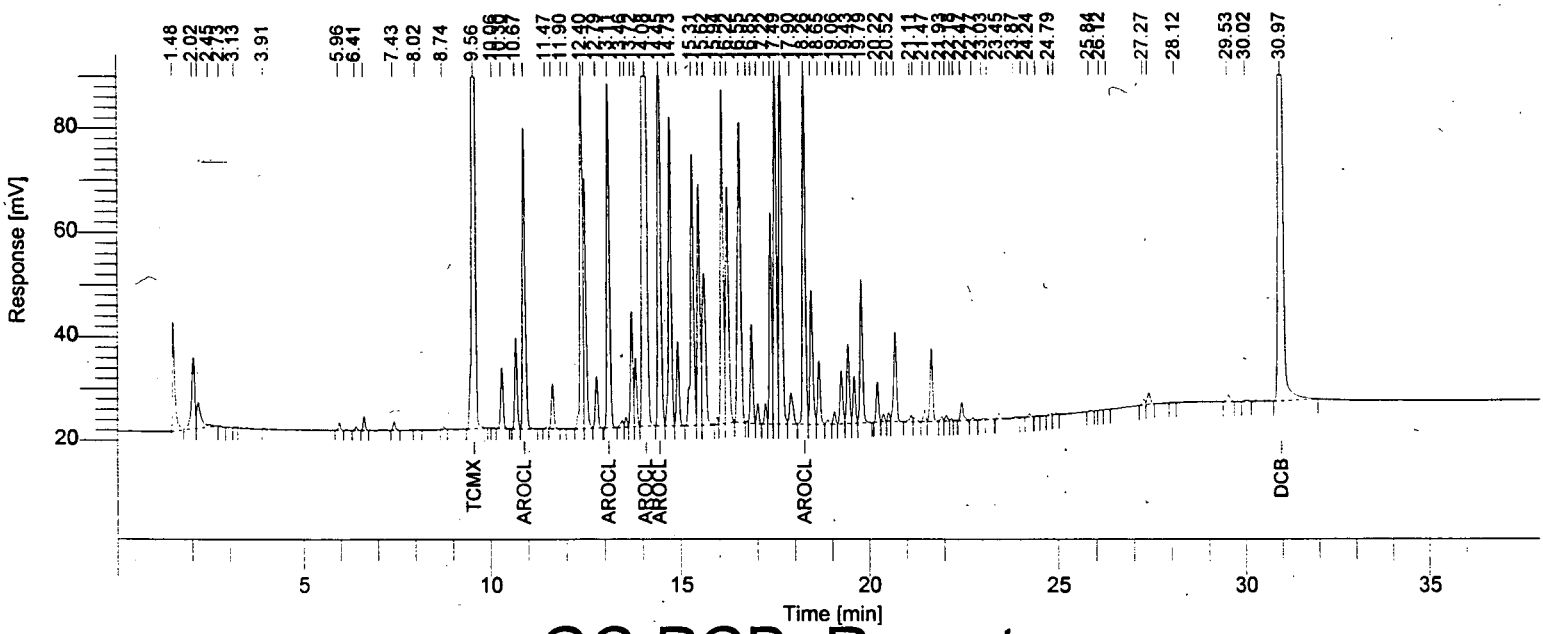

GC PCB Report

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

05/22/98 08:46:24 AM Result:
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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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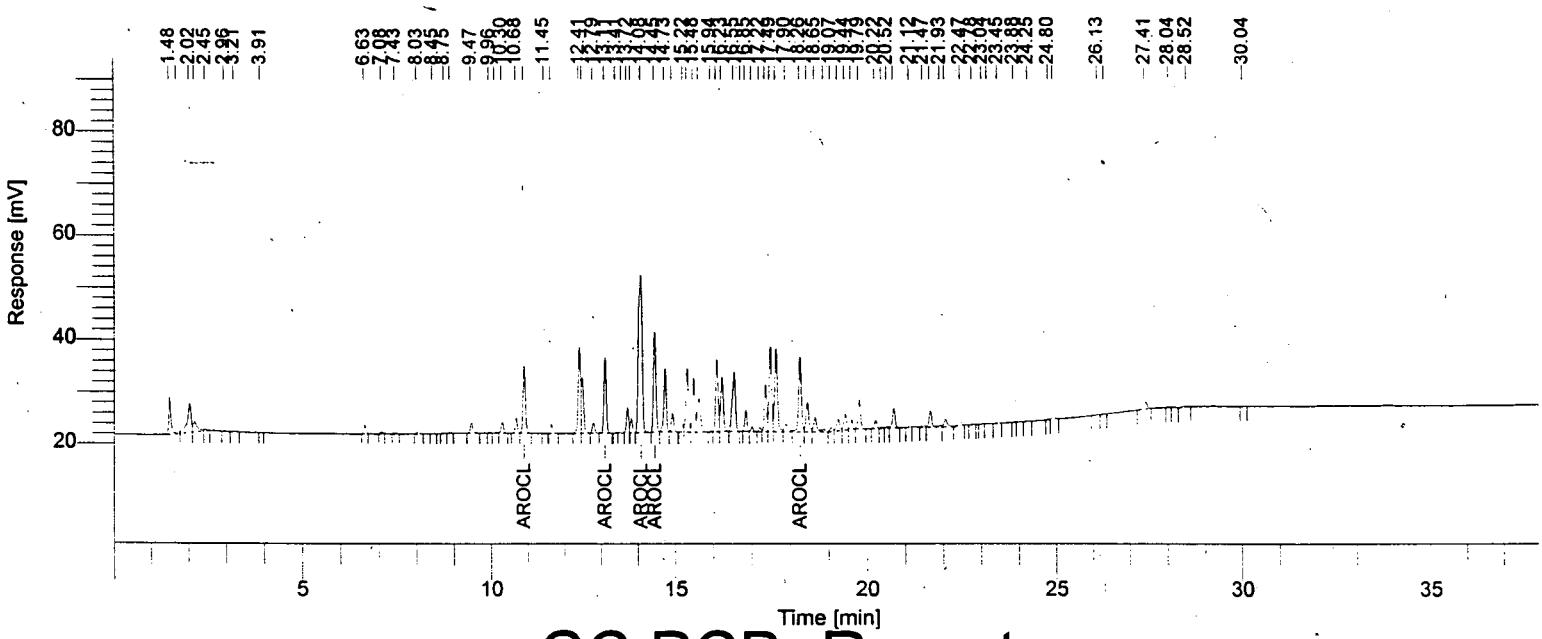

GC PCB Report

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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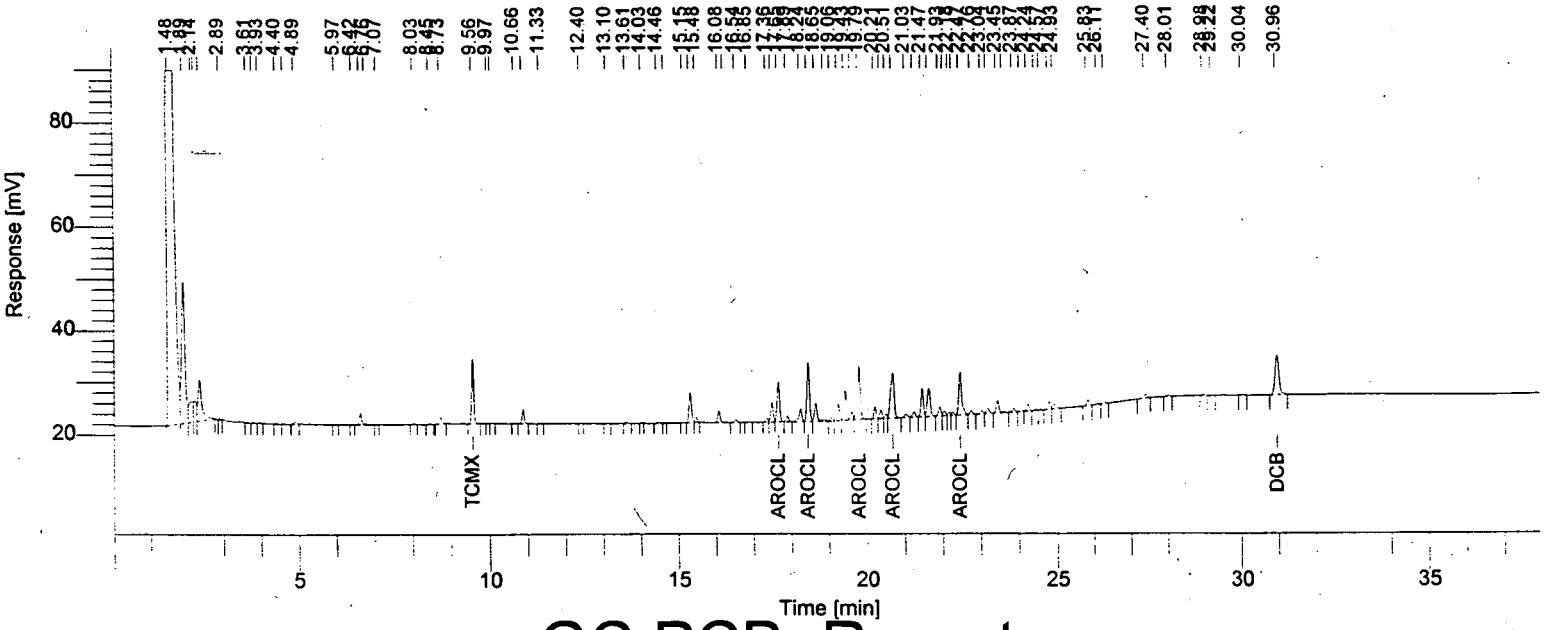

GC PCB Report

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:
\\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_018.rst

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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Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_019.rst
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\\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_019.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
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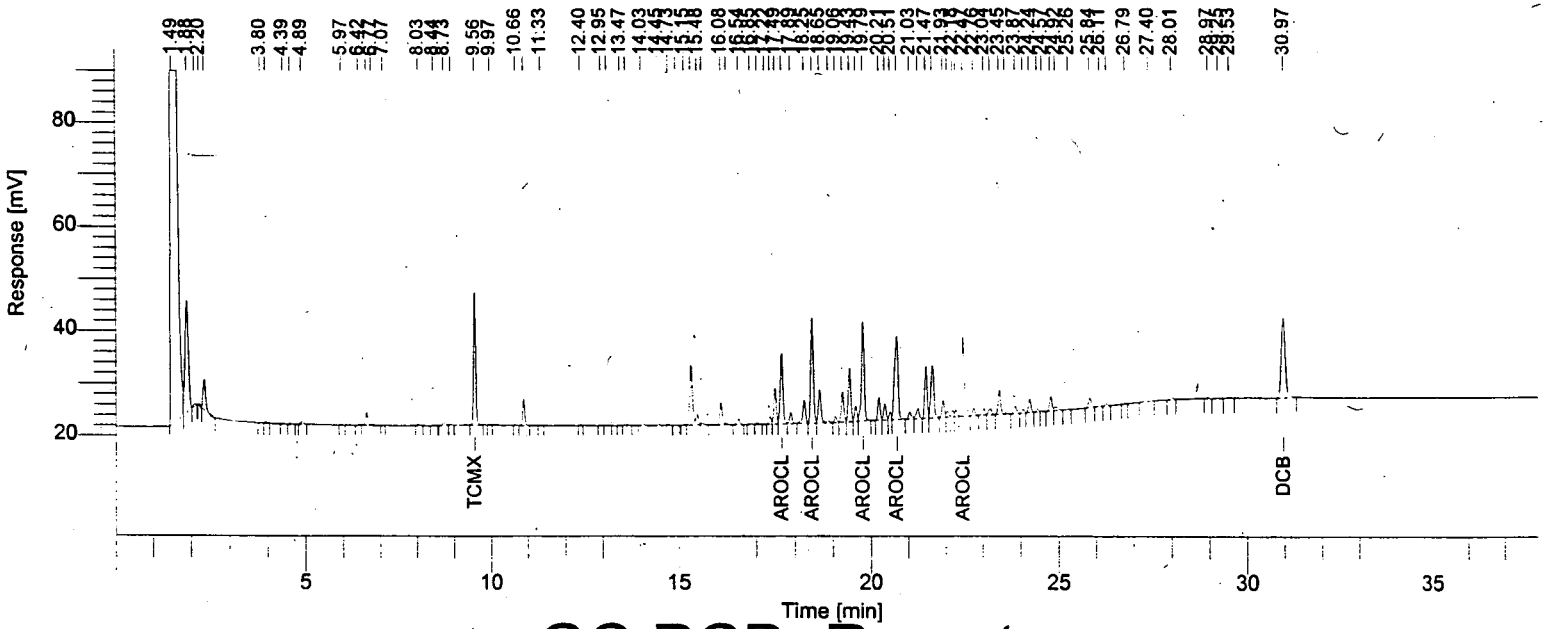

GC PCB Report

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

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
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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Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_020.rst
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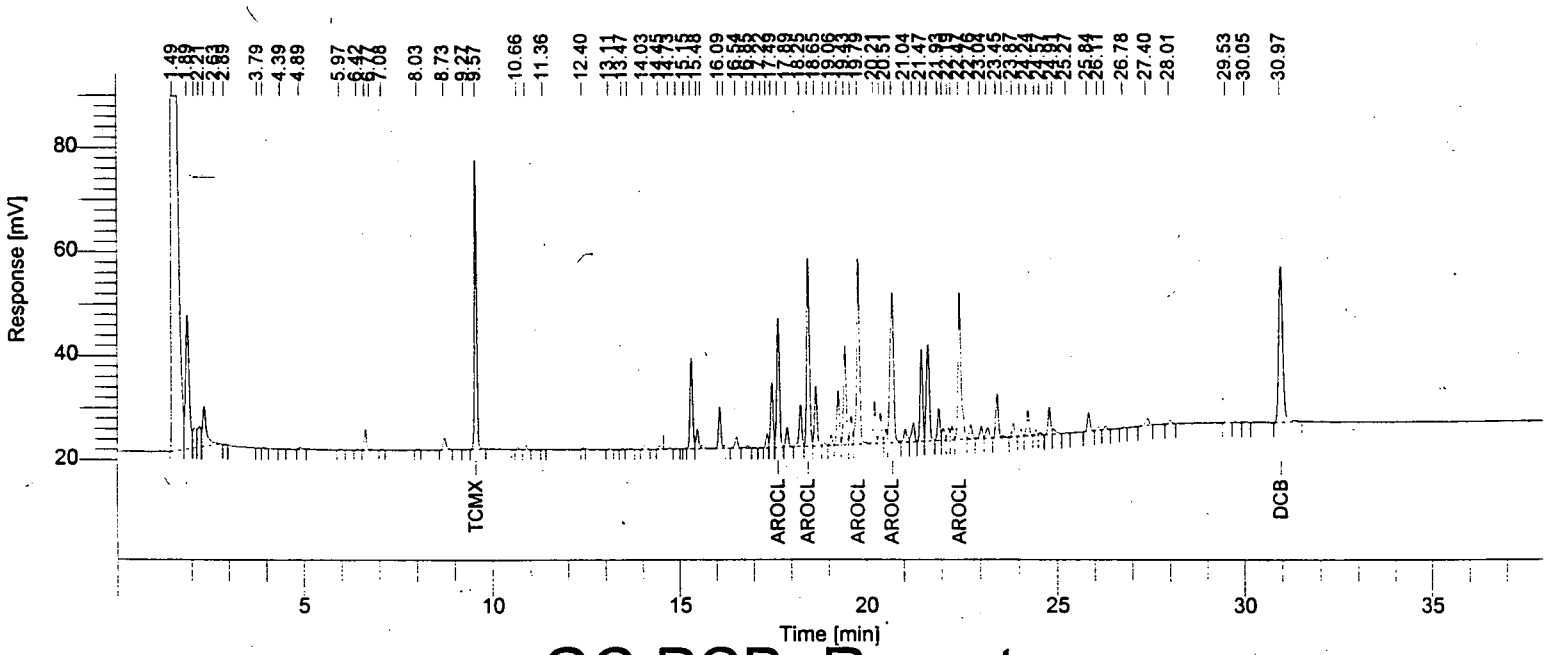
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



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
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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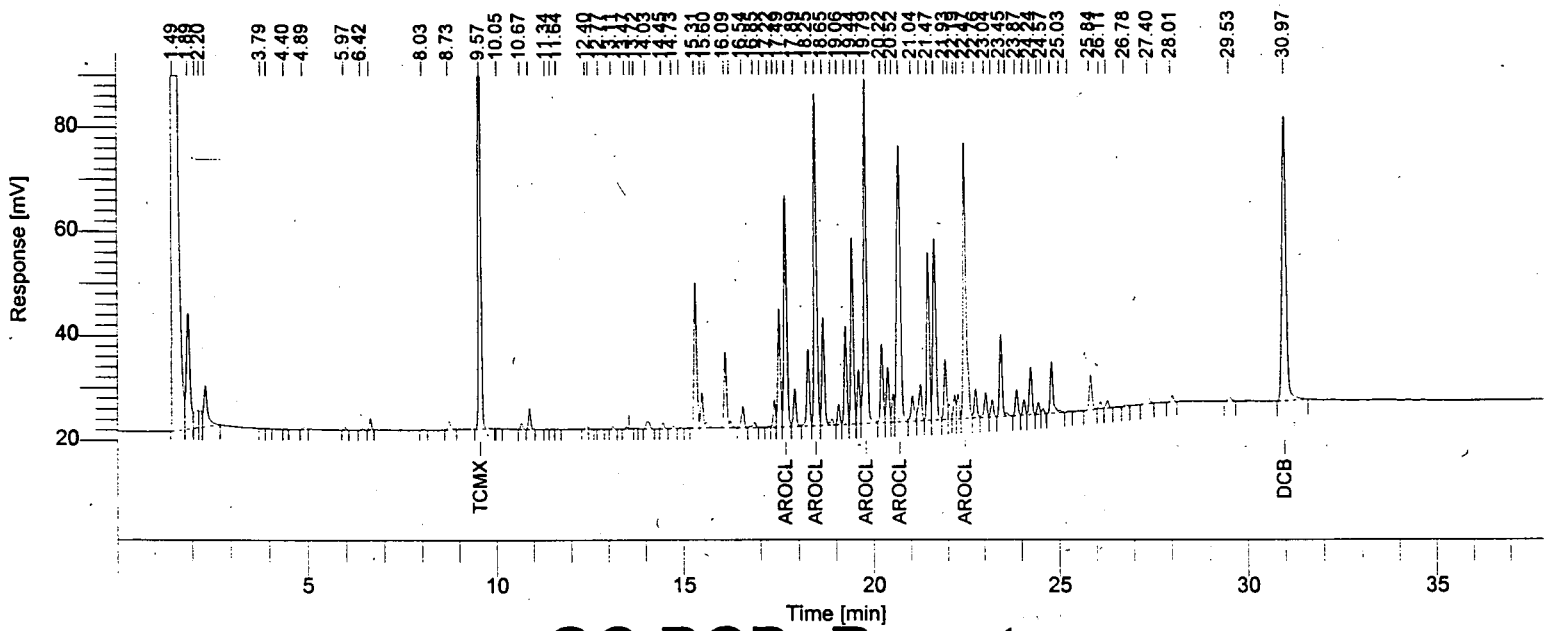
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
\\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_021.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



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
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
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_022.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
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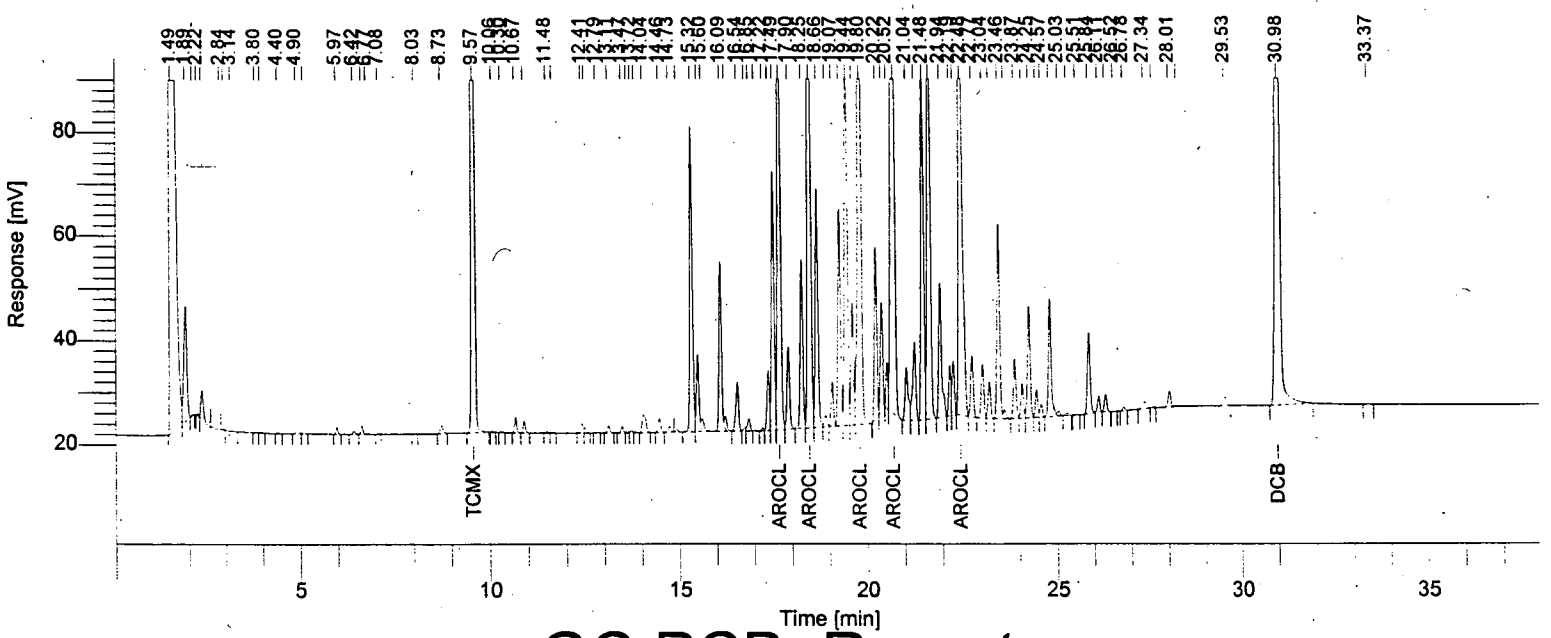

GC PCB Report

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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Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_023.rst
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from
\\gcsrv1\TCData\hp68901\april\980429320r\1a_0429_023.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
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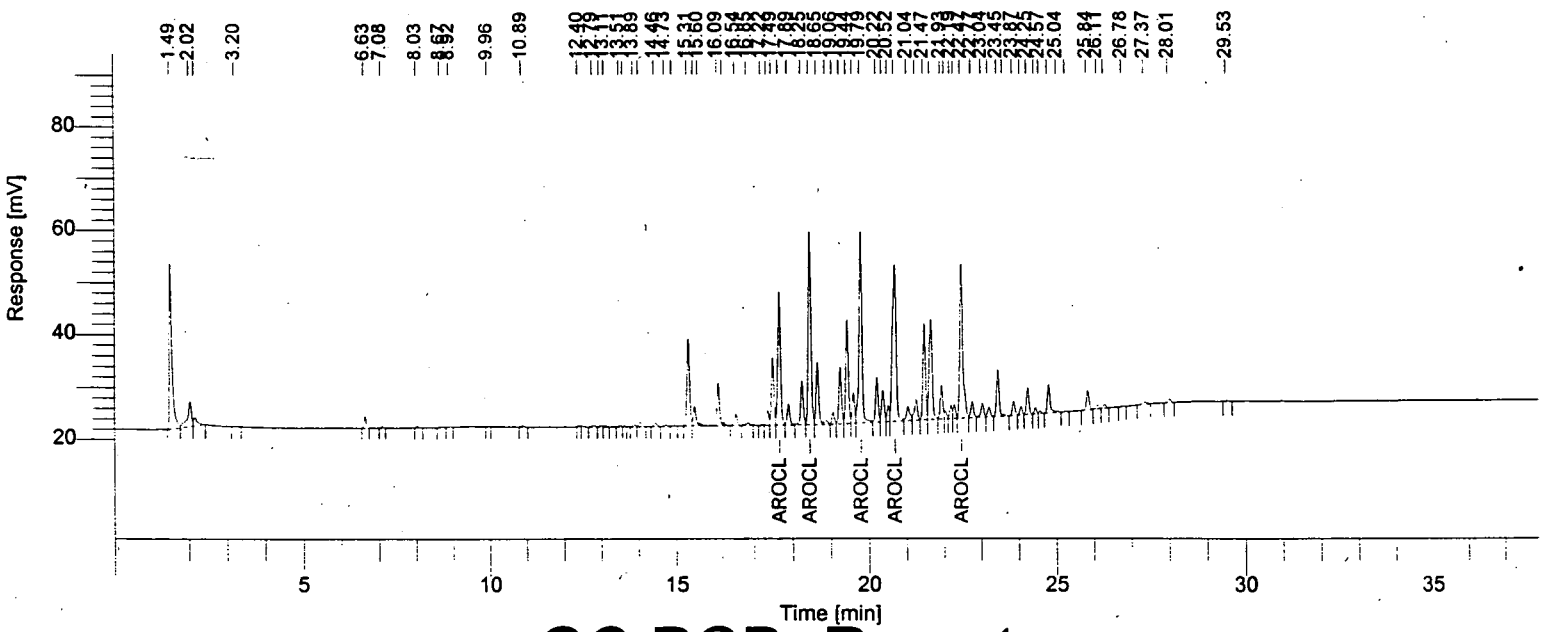

GC PCB Report

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

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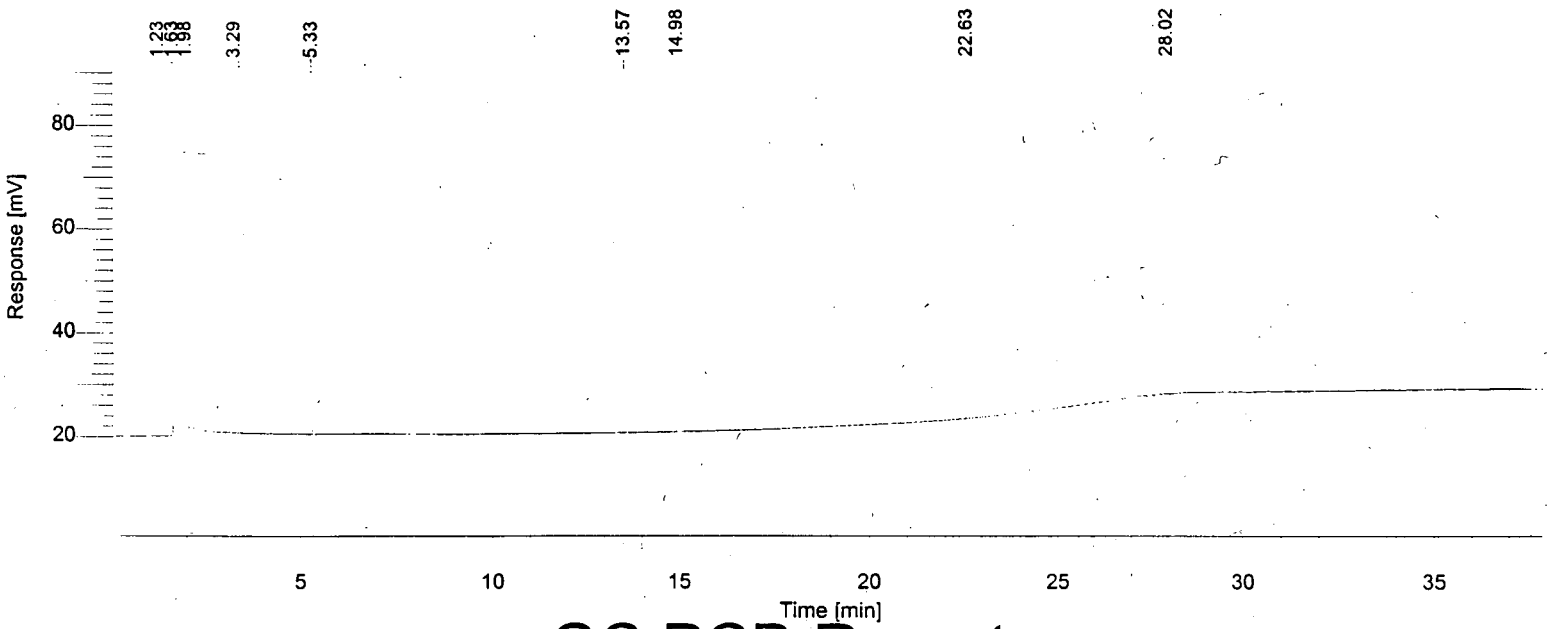
\\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_001.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



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 08:45:08 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

191A

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

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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
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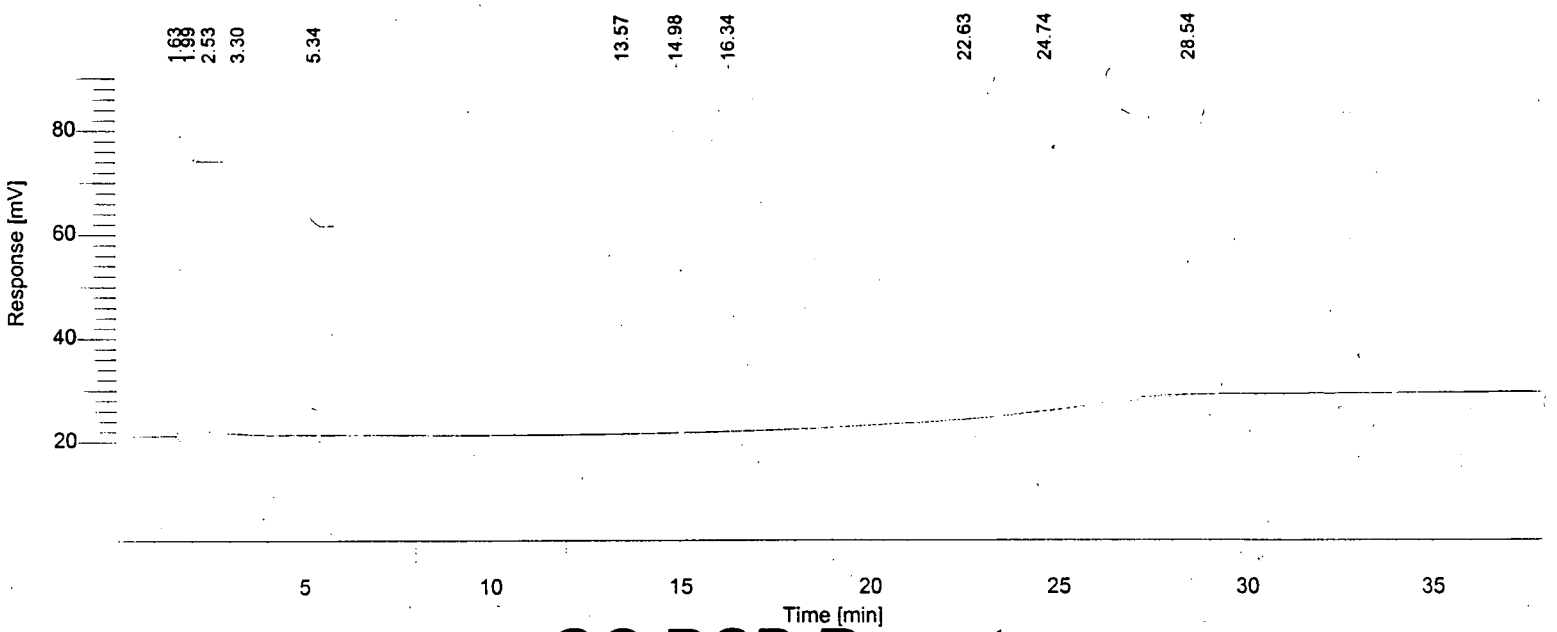

GC PCB Report

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 08:45:13 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	: 05/22/98 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
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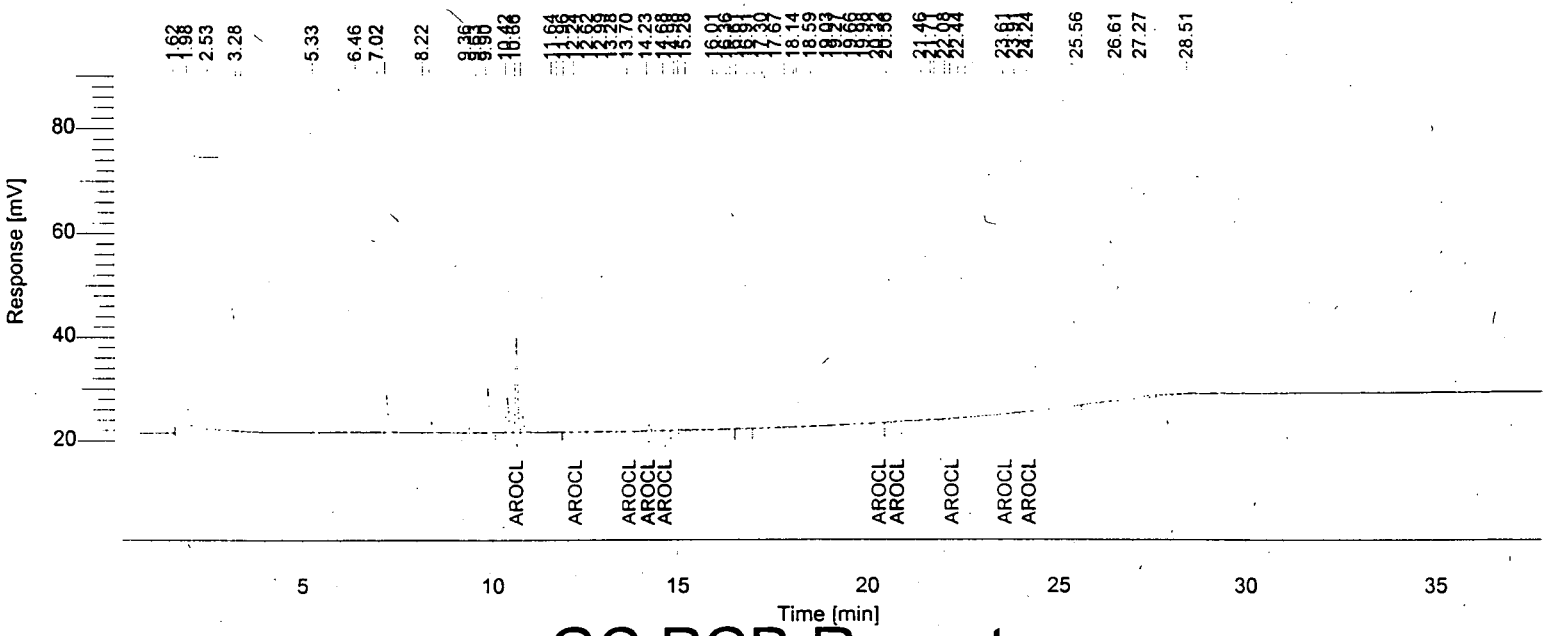

GC PCB Report

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

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

05/22/98 08:45:18 AM Result:
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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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Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_004.rst
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_004.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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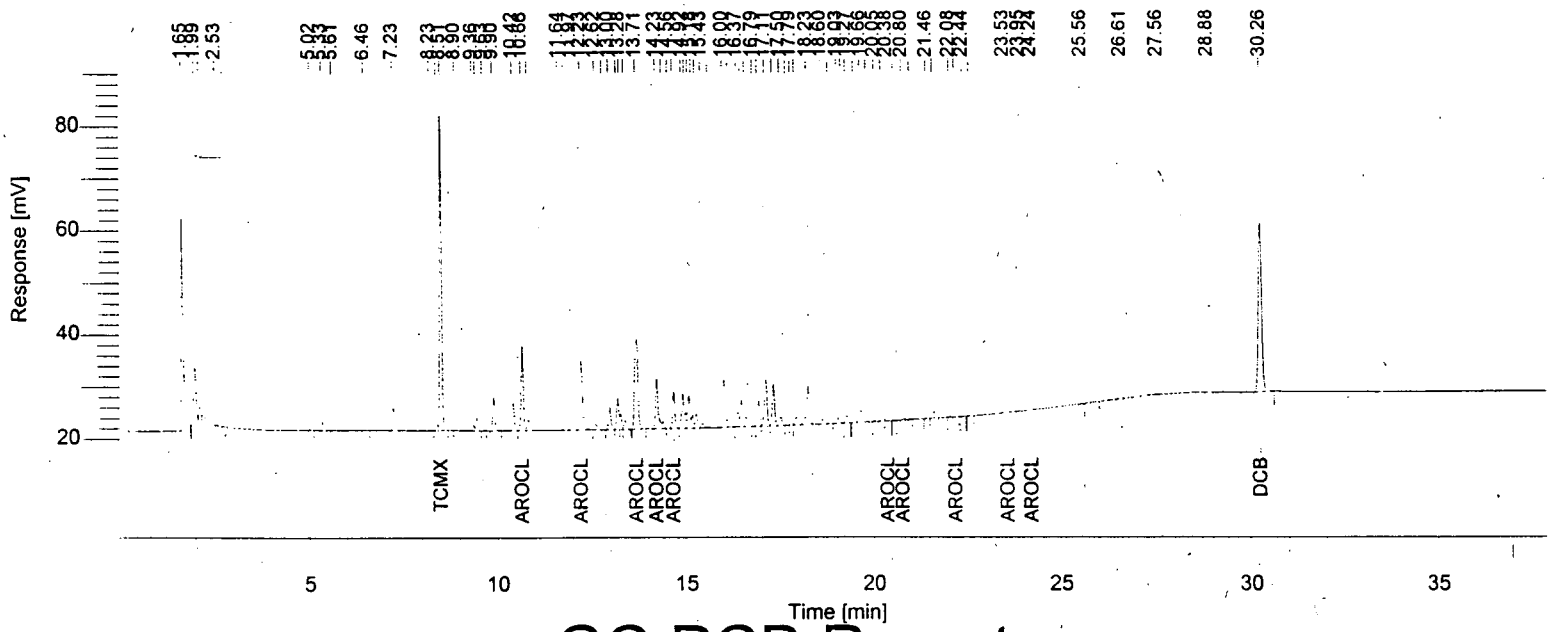

GC PCB Report

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

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
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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Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_005.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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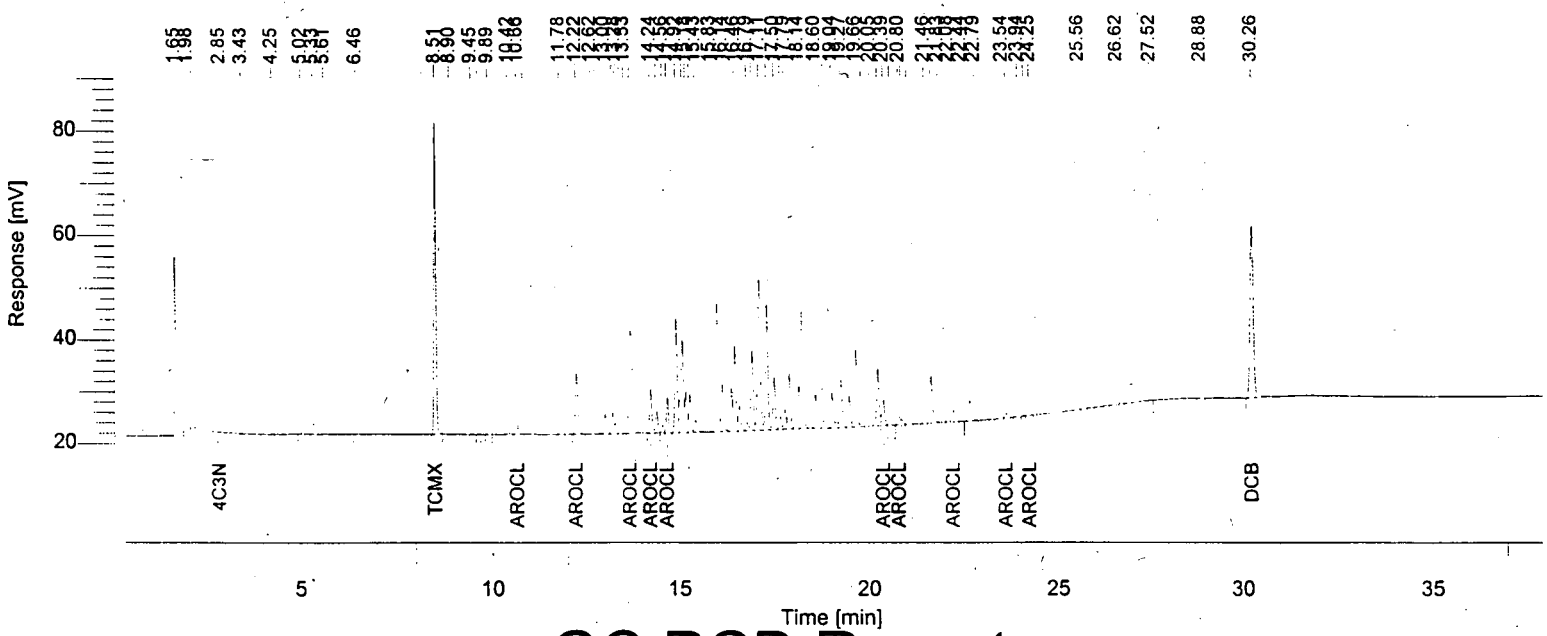

GC PCB Report

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

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
4	2.85	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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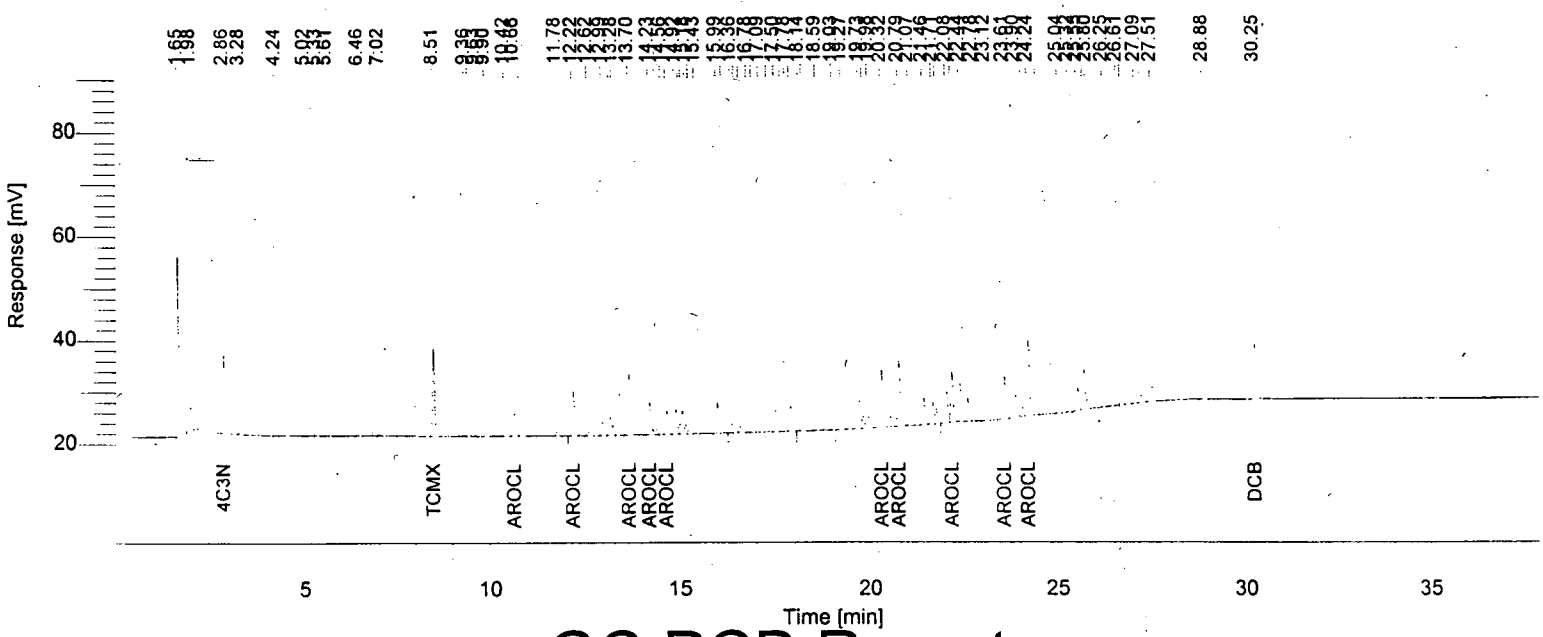
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



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

200

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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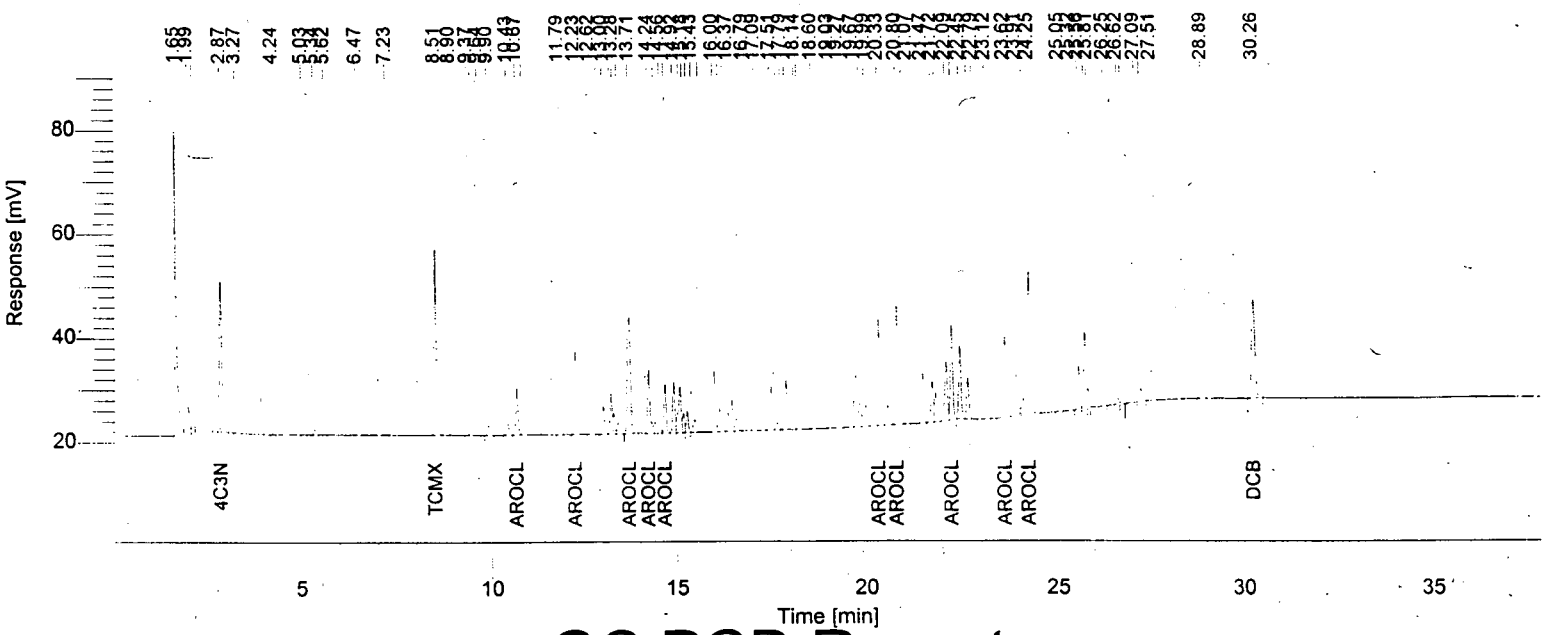
\\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_007.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



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	2.87	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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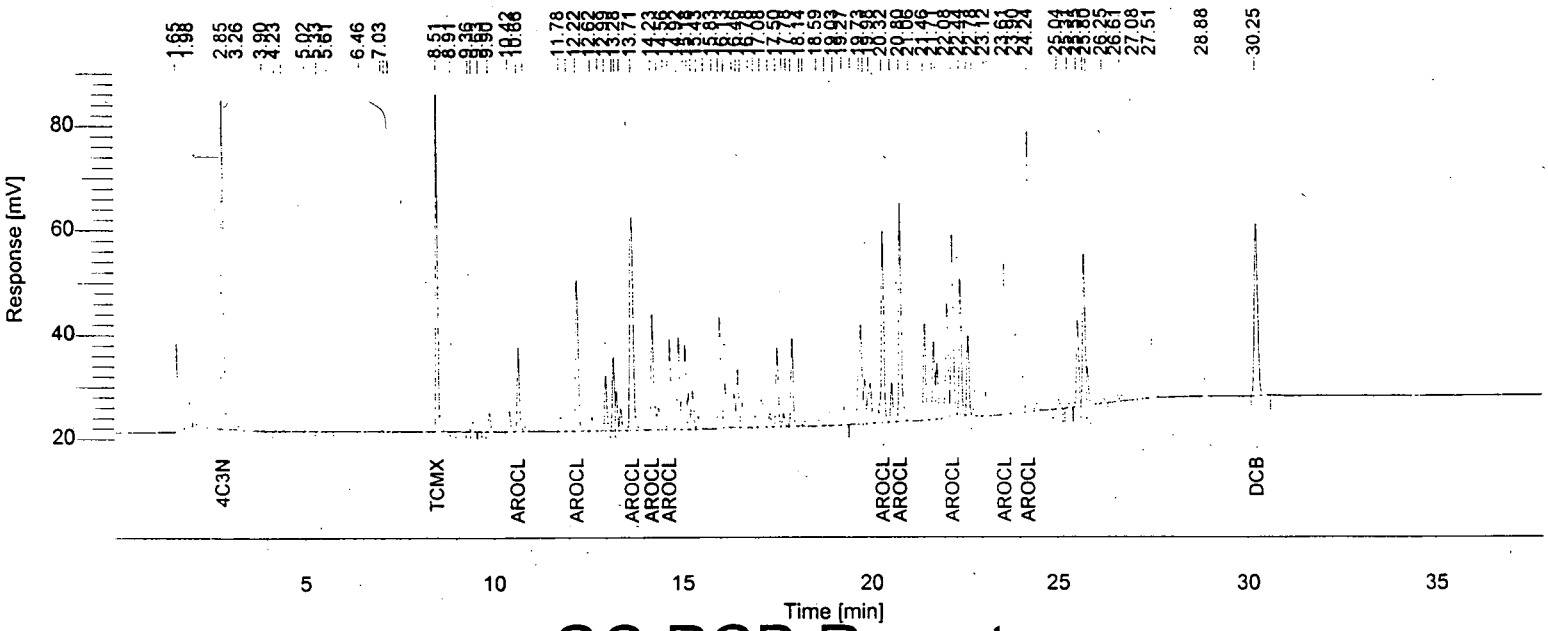
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



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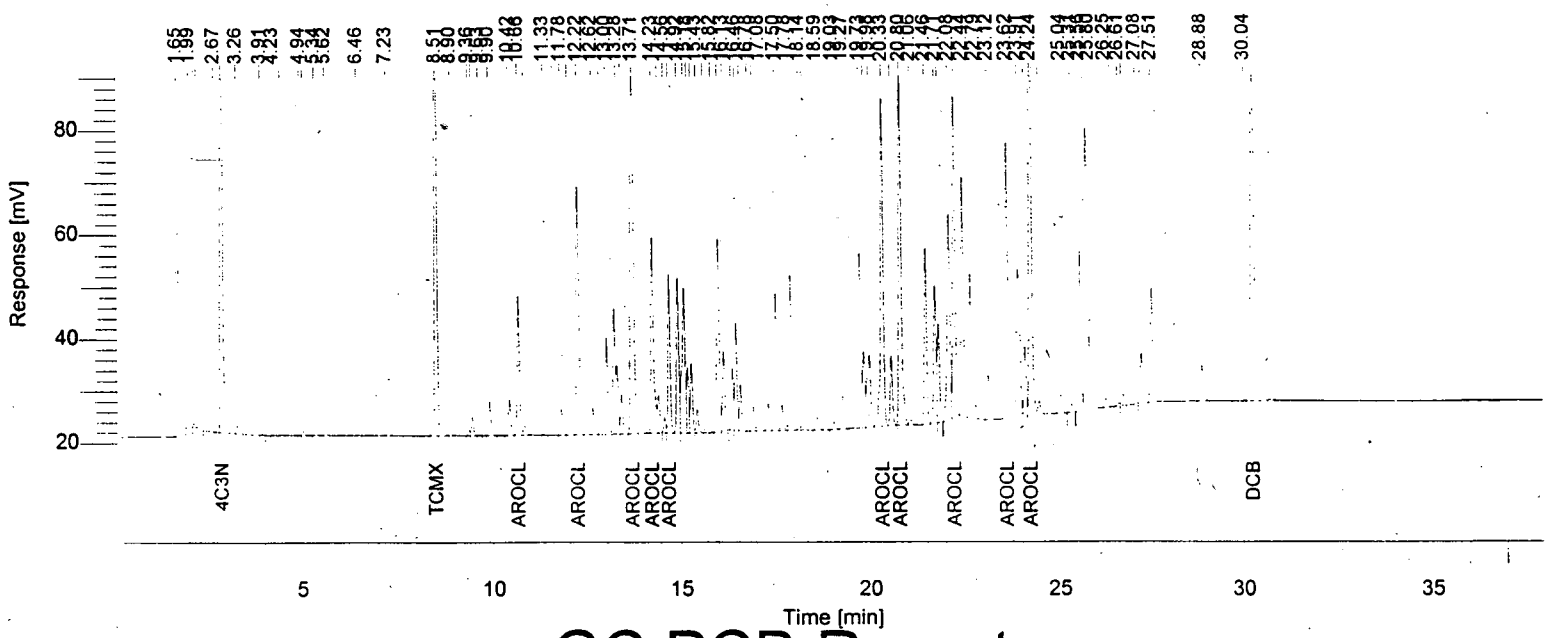
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



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
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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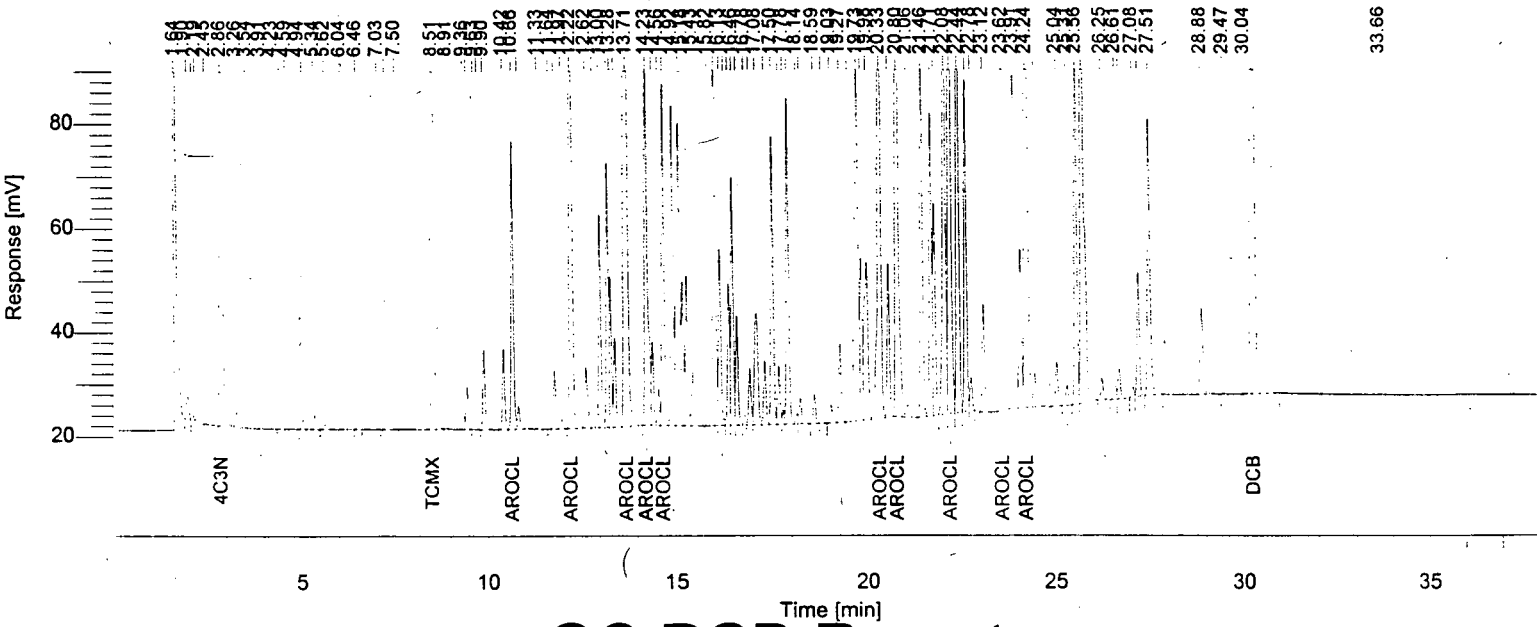

GC PCB Report

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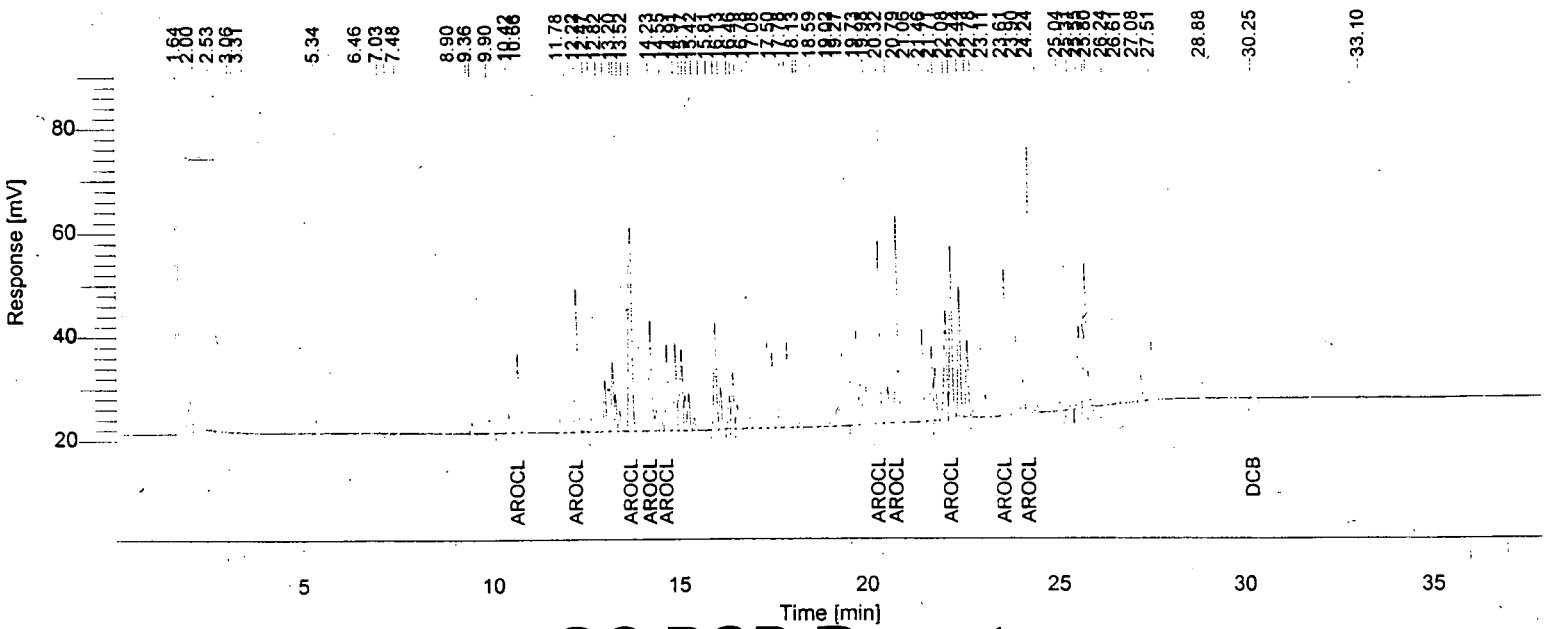

GC PCB Report

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

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	13.70	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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Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_012.rst
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\\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_012.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth
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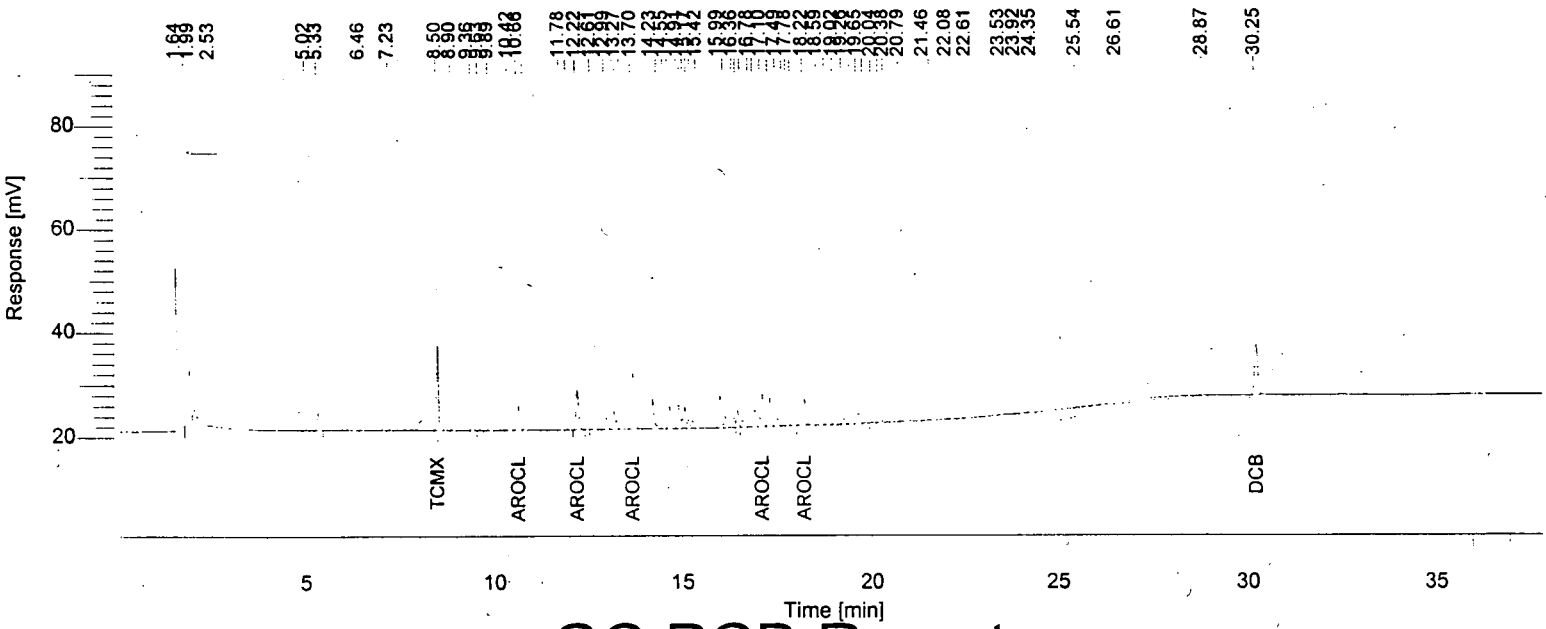

GC PCB Report

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

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
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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Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1242_0429.mth
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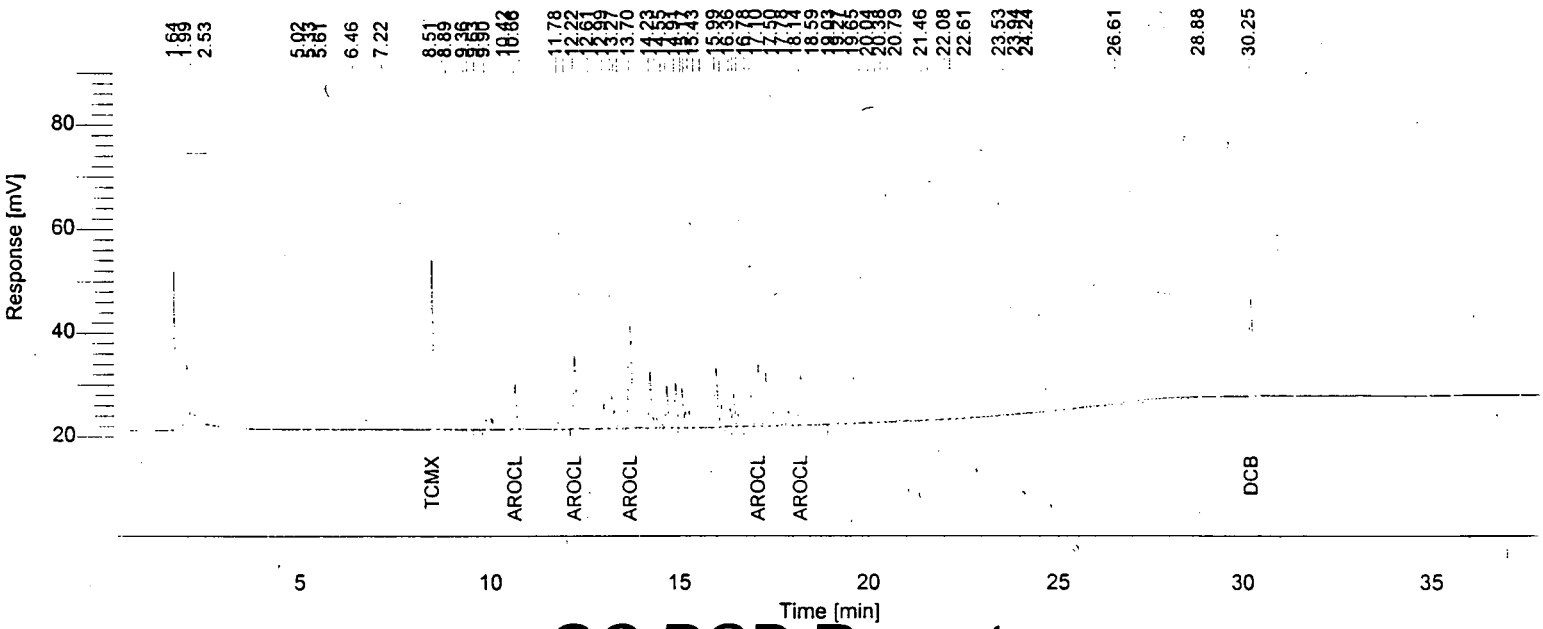

GC PCB Report

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

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
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
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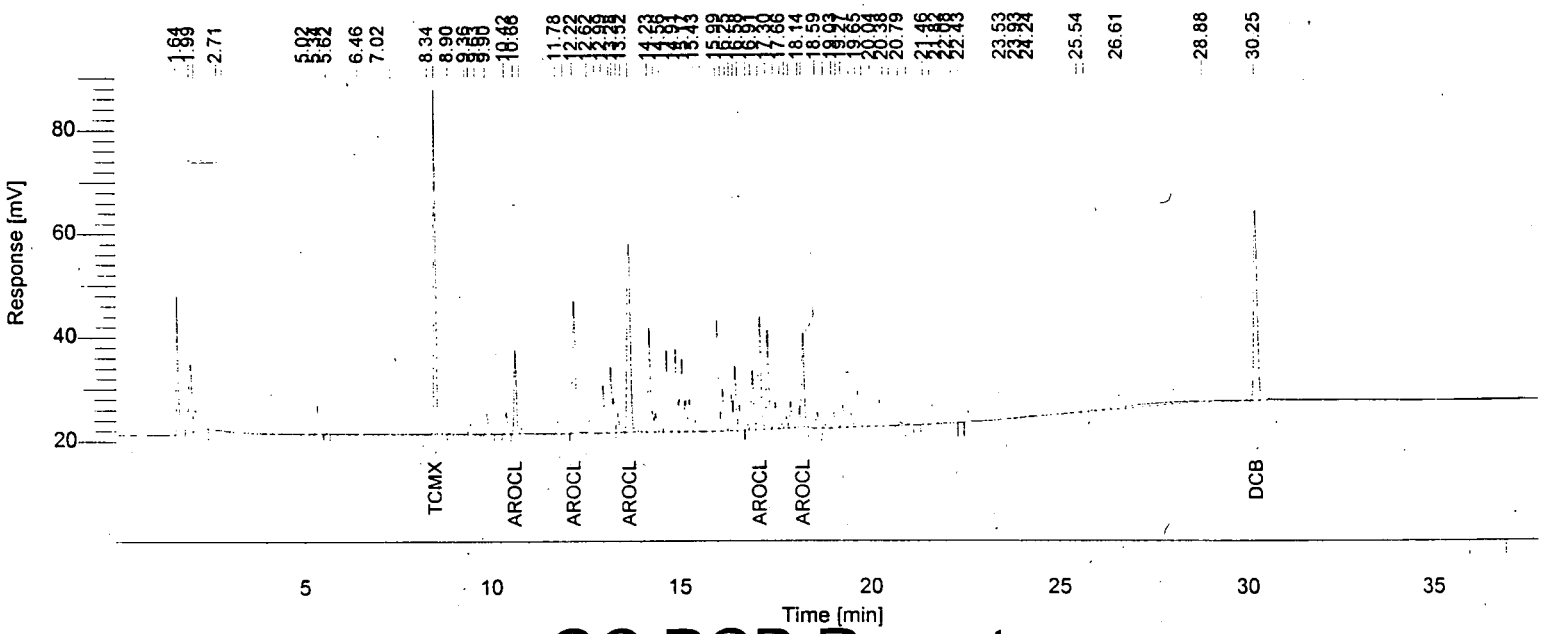

GC PCB Report

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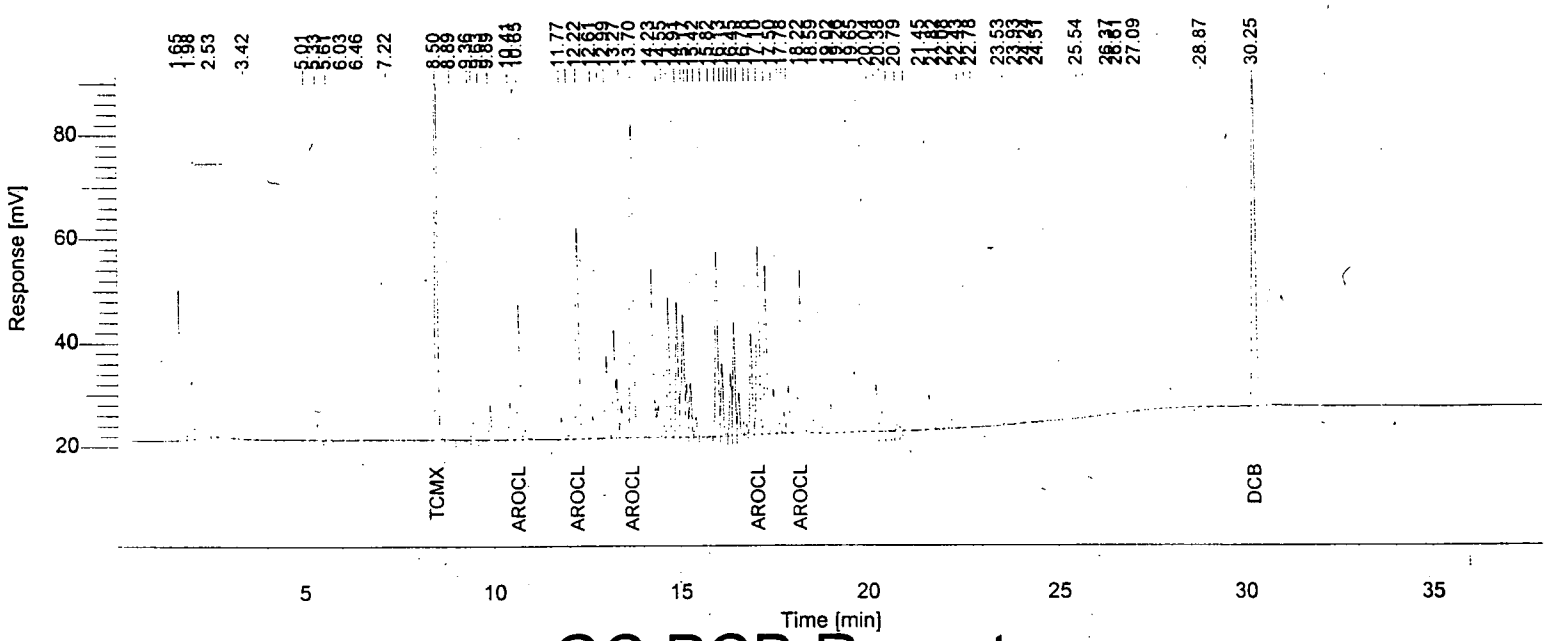

GC PCB Report

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

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
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
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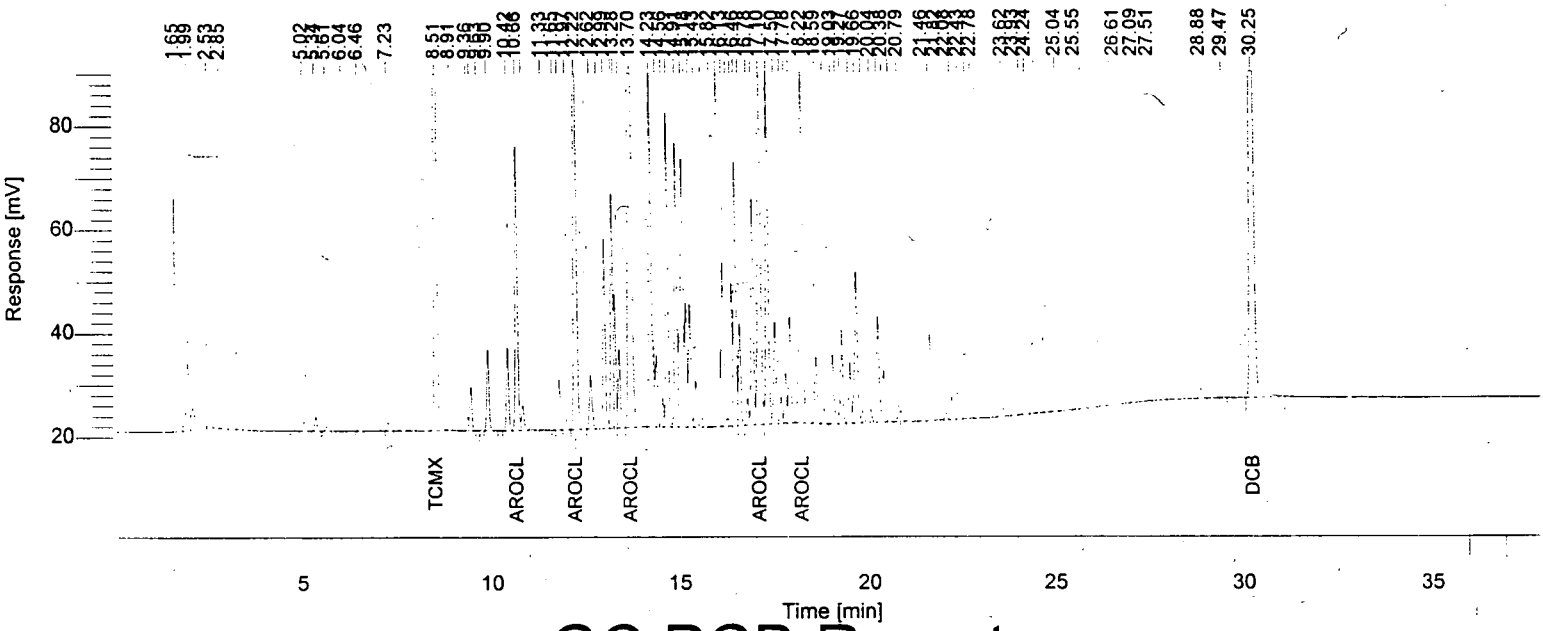

GC PCB Report

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	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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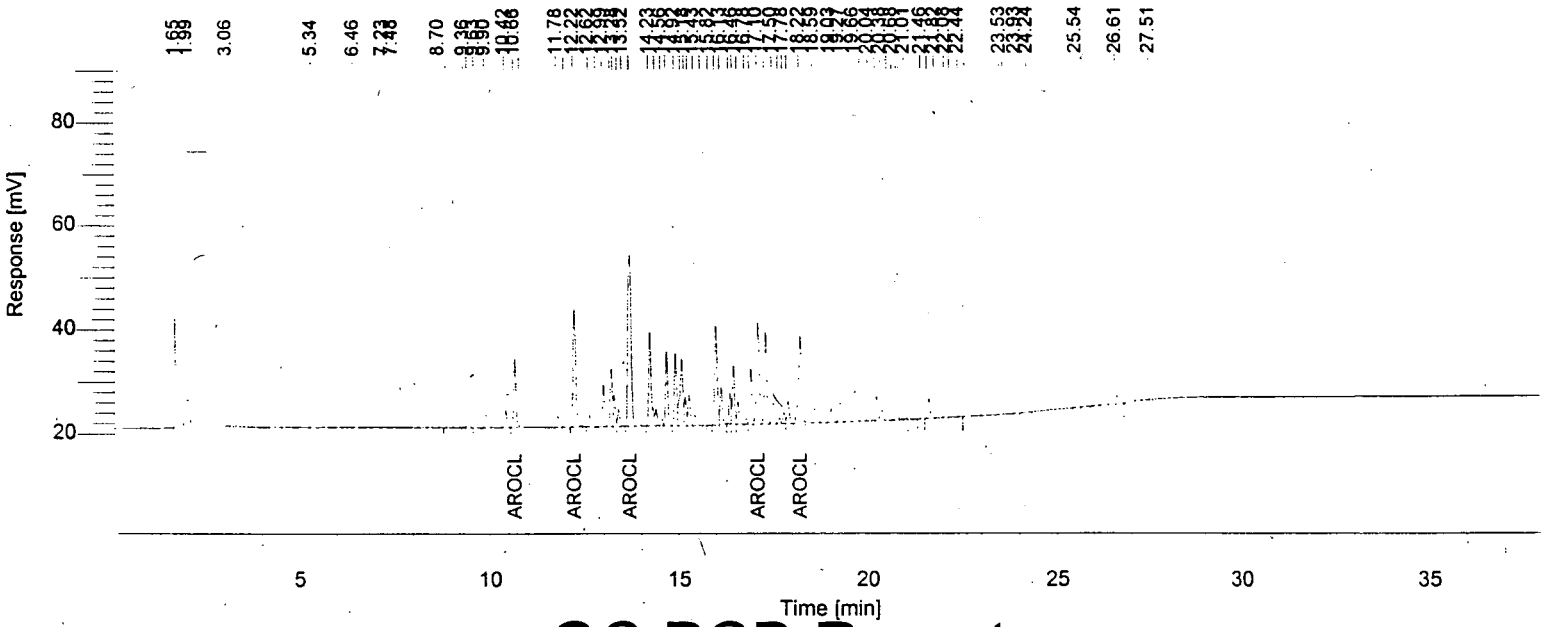

GC PCB Report

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

222

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
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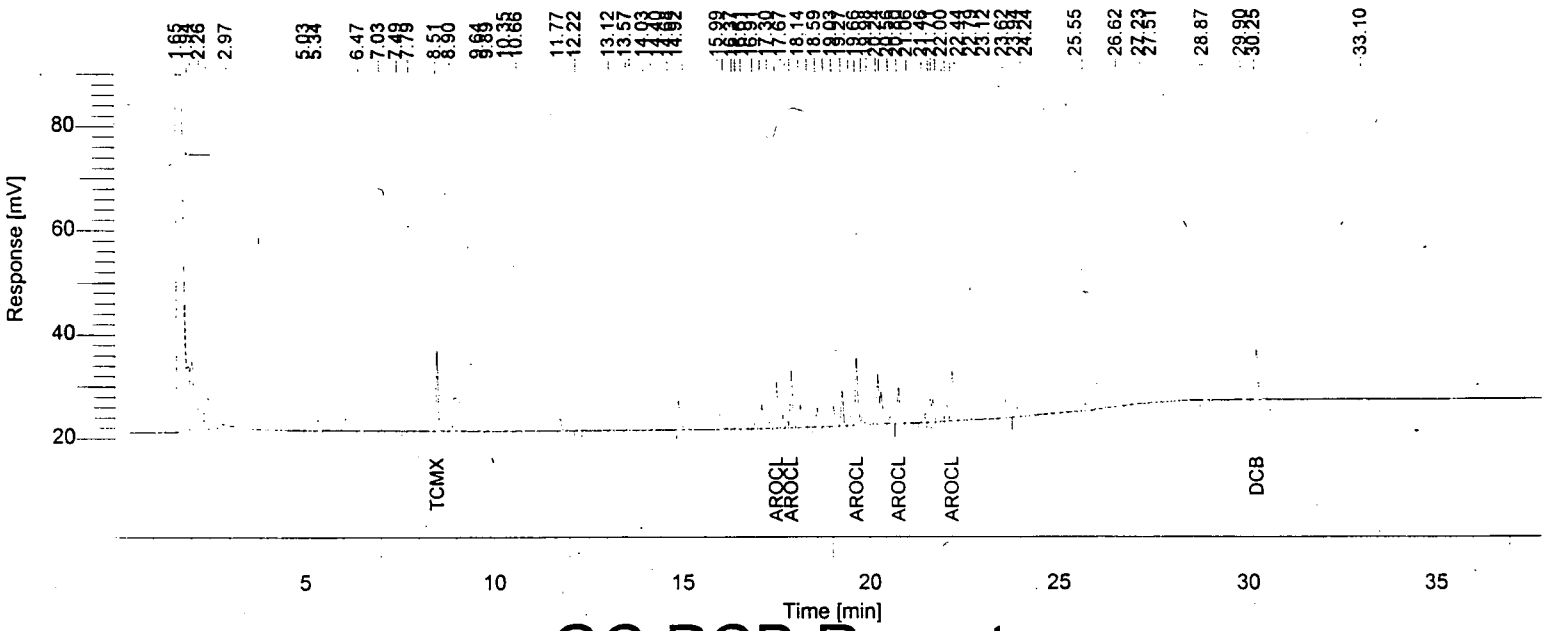

GC PCB Report

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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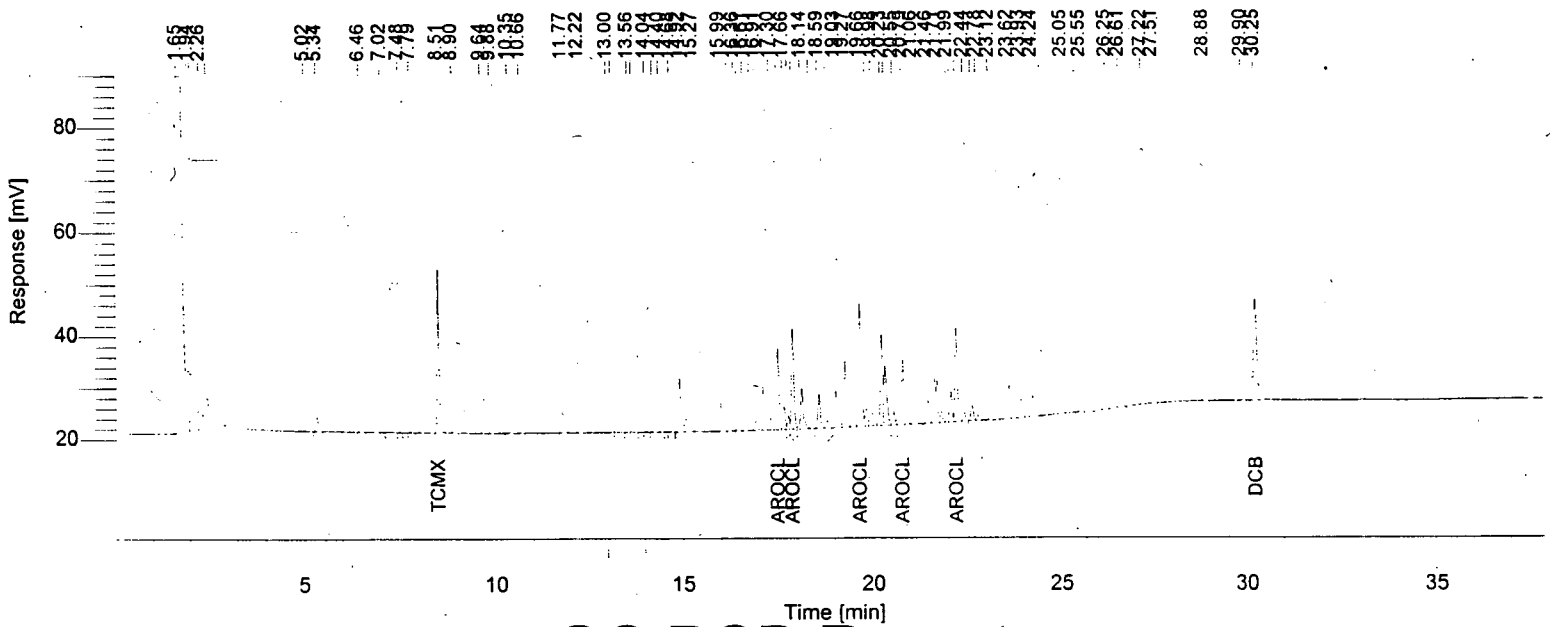

GC PCB Report

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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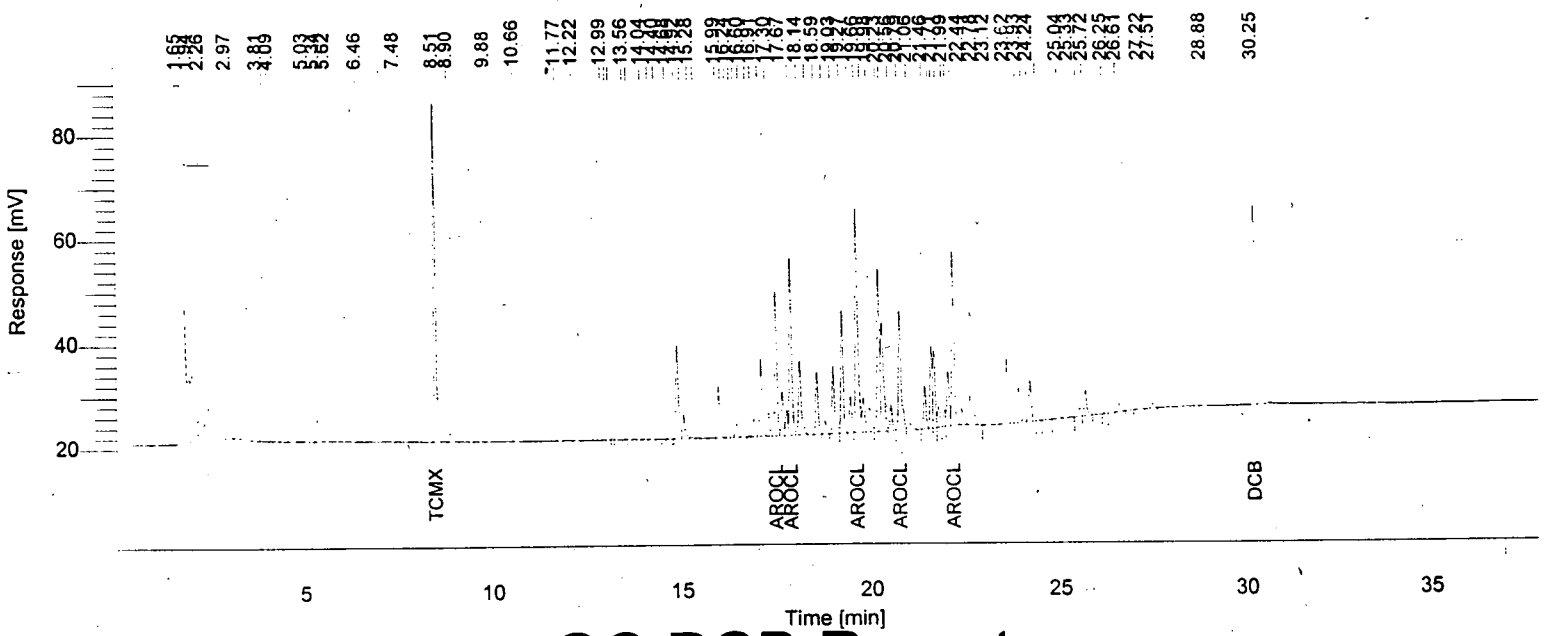

GC PCB Report

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

Raw Data File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_021.raw
Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_021.rst
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_021.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
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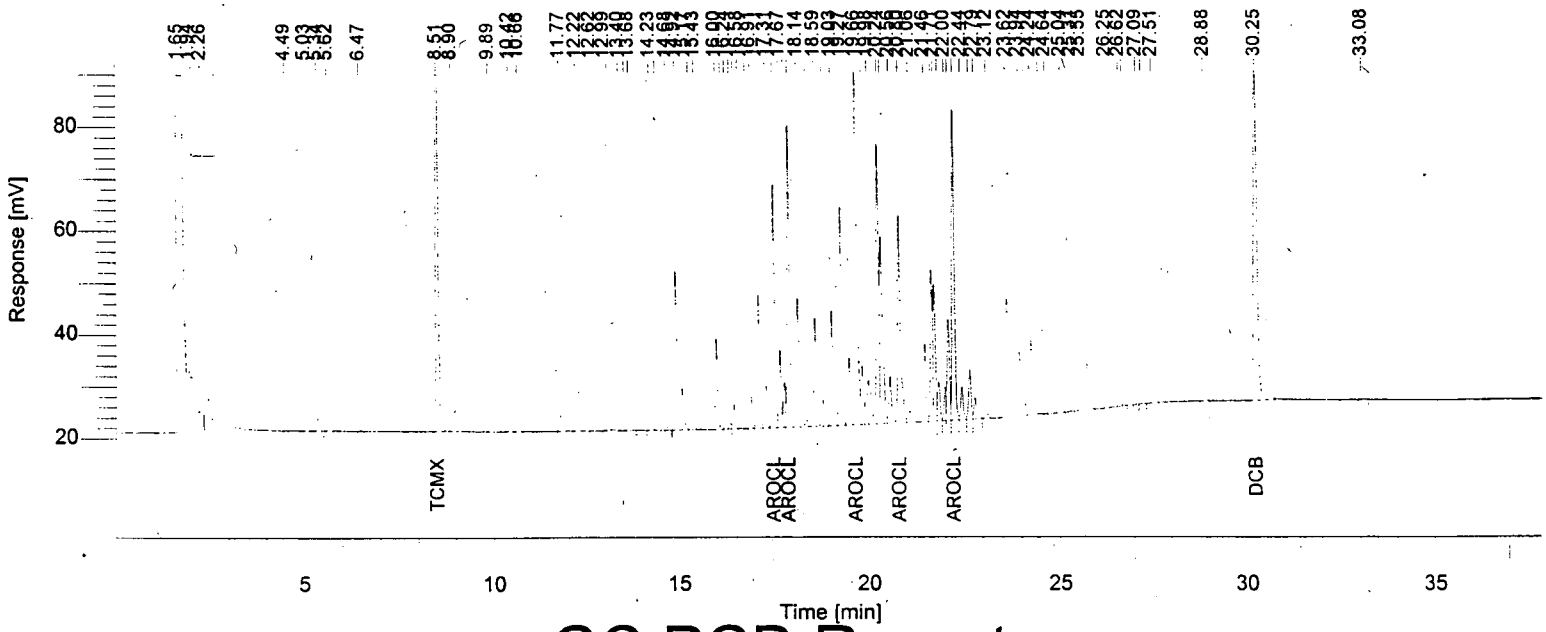
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



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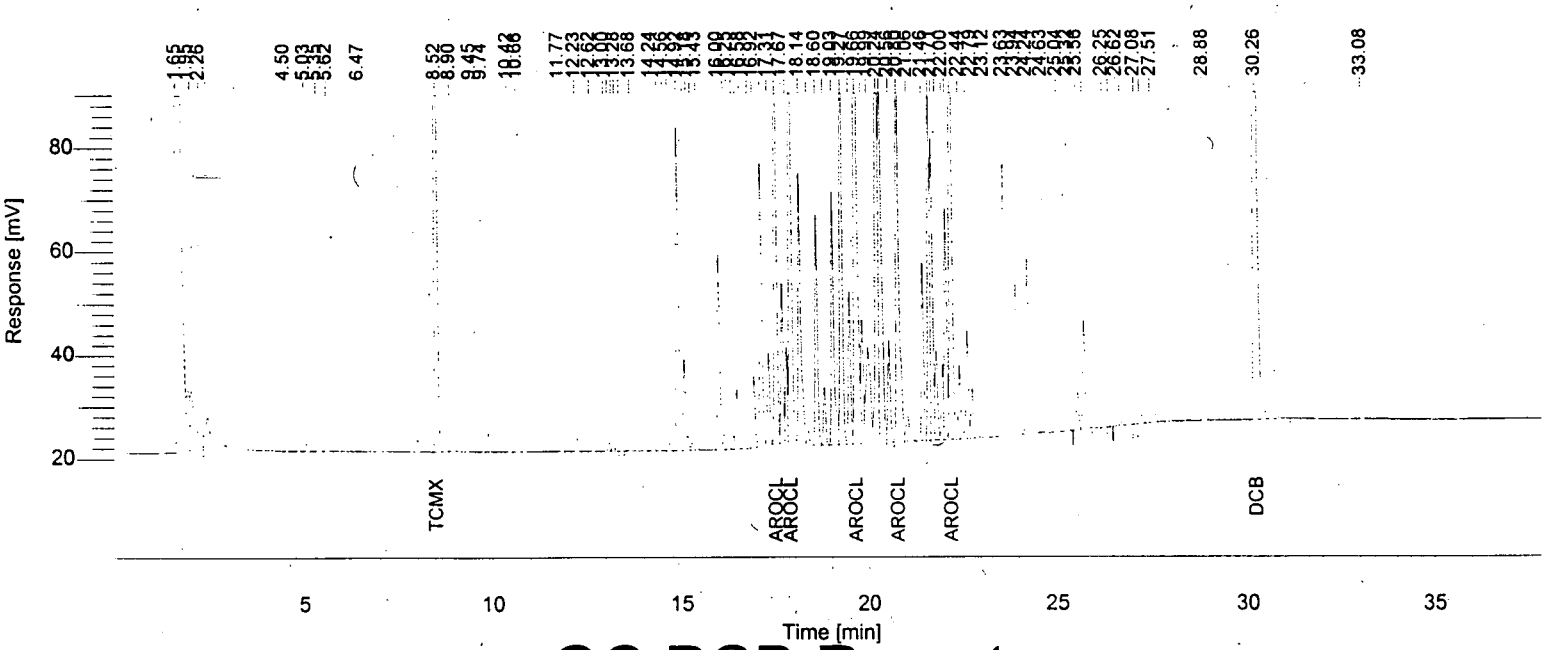

GC PCB Report

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

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
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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Result File : \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_023.rst
Inst Method : \\gcsrv1\TCData\hp68901\methods\6811a_clp_acq from \\gcsrv1\TCData\hp68901\april\980429320r\1b_0429_023.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
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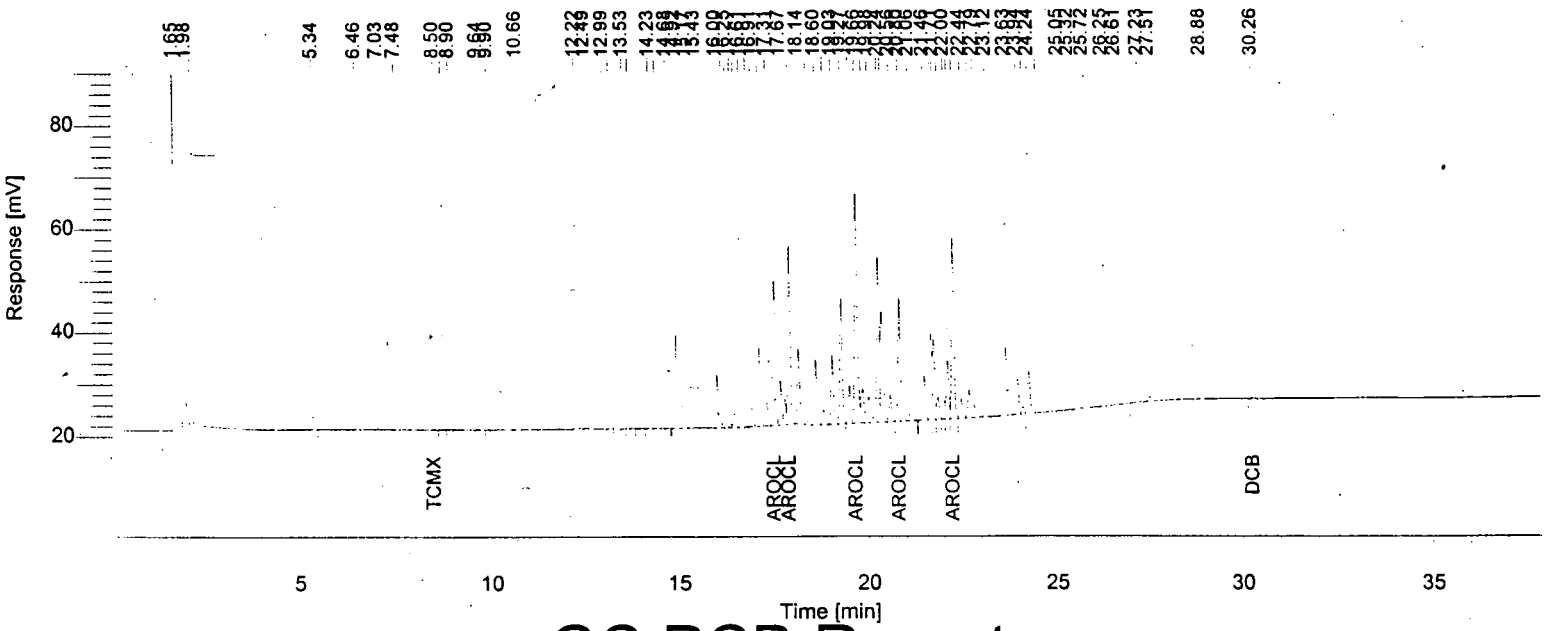
Sequence File : \\gcsrv1\TCData\HP68901\APRIL\980429320R\681_0429R.seq



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
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:
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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	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 10:26:08 AM
Operator	: NEARYR	Sample Name	: HEXANE
Sample Number	: 001	Study	:
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	: 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	: 05/13/98 14:37:52 PM	Cycle	: 1

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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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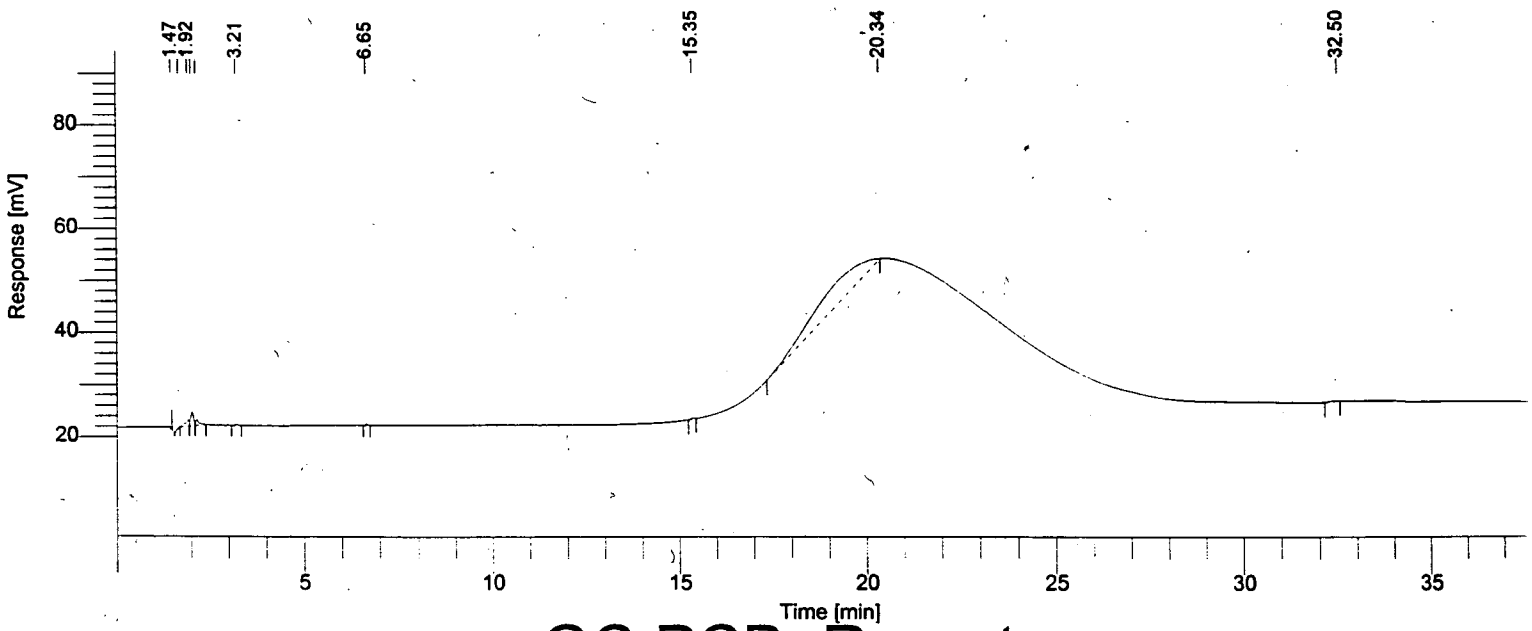

GC PCB Report

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

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 10:26:08 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	: 05/18/98 10:26:14 AM
Operator	: NEARYR	Sample Name	: 0.2UG/ML AR1660
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	: 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	: 05/13/98 15:20:31 PM	Cycle	: 2

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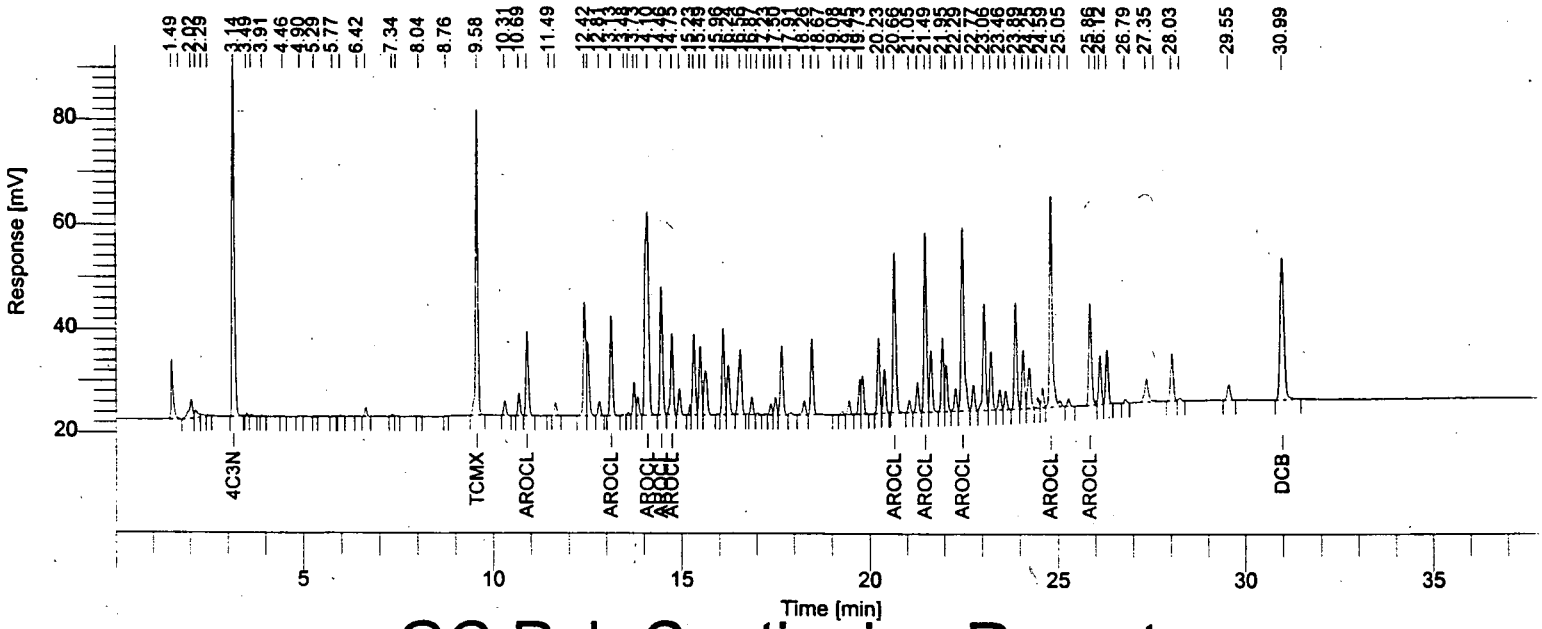
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



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
7	3.14	4C3N	315251	0.0532	0.050	6.4
22	9.58	TCMX	242757	0.0202	0.020	0.9
	14.10	AR1016	634493	0.2104	0.200	5.2
	24.82	AR1260	838689	0.2025	0.200	1.3
98	30.99	DCB	201223	0.0187	0.020	-6.6
			2232413	0.5050		

05/18/98 10:26:14 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
25	10.91	Aroclor 1016-1	74919	0.2148	0.000	—
31	13.13	Aroclor 1016-2	89561	0.2144	0.000	—
36	14.10	Aroclor 1016-3	280901	0.2098	0.000	—
37	14.46	Aroclor 1016-4	116928	0.2089	0.000	—
38	14.75	Aroclor 1016-5	72185	0.2061	0.000	—
			634493	1.0540		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
66	20.66	Aroclor 1260-1	158810	0.1999	0.000	—
69	21.49	Aroclor 1260-2	167262	0.2012	0.000	—
74	22.48	Aroclor 1260-3	196808	0.2032	0.000	—
85	24.82	Aroclor 1260-4	211036	0.2019	0.000	—
88	25.86	Aroclor 1260-5	104773	0.2087	0.000	—
			838689	1.0150		

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:26:20 AM
Operator	: NEARYR	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 003	Study	: 8082 CCV
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
Data Acquisition Time	: 05/13/98 16:03:11 PM	Cycle	: 3

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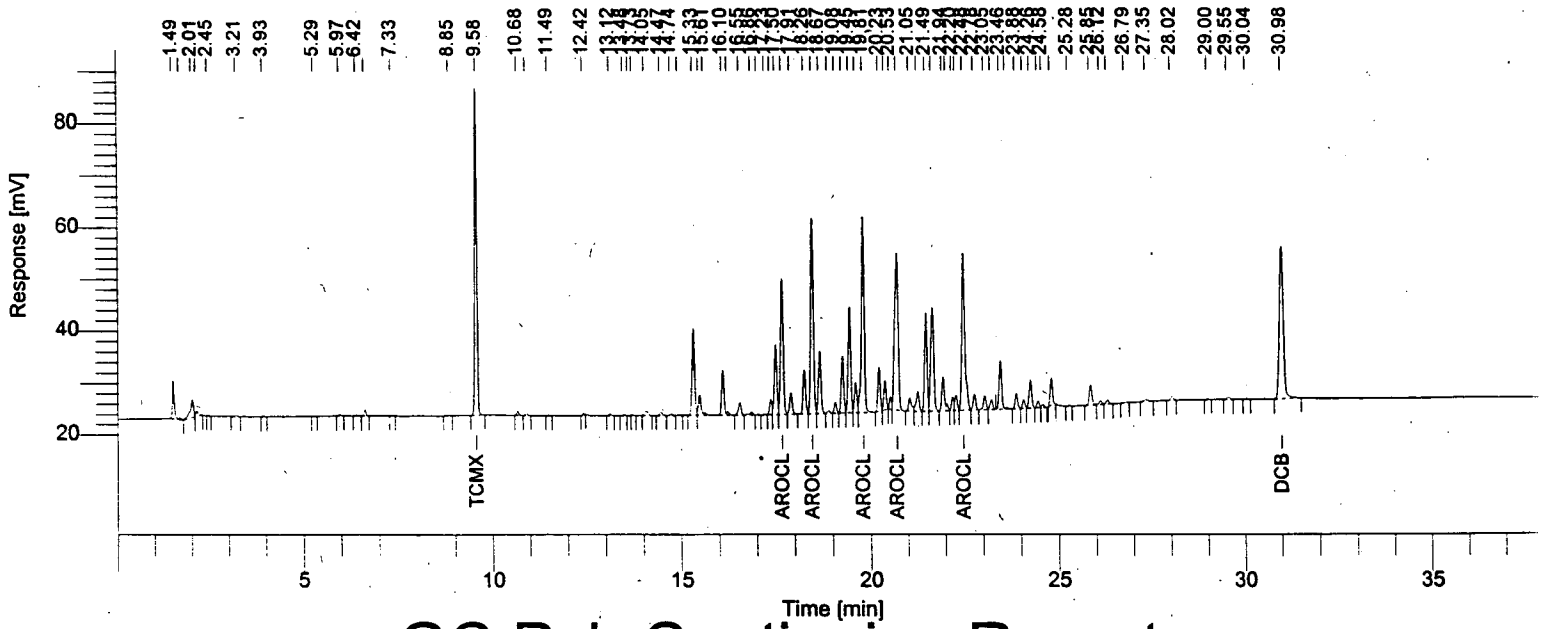

GC Pcb Continuing Report

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	250891	0.0239	0.020	19.3
	19.81	AR1254	889138	0.2095	0.200	4.8
83	30.98	DCB	217837	0.0202	0.020	0.8
			1357867	0.2536		

05/18/98 10:26:20 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	131843	0.2111	0.000	—
41	18.47	Aroclor 1254-2	186765	0.2062	0.000	—
48	19.81	Aroclor 1254-3	194409	0.2121	0.000	—
52	20.71	Aroclor 1254-4	204885	0.2065	0.000	—
61	22.48	Aroclor 1254-5	171235	0.2130	0.000	—
			889138	1.0489		

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:27:01 AM
Operator	: PFALZERJ	Sample Name	: HEXANE
Sample Number	: 010	Study	:
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	: 05/13/98 23:30:40 PM	Cycle	: 10

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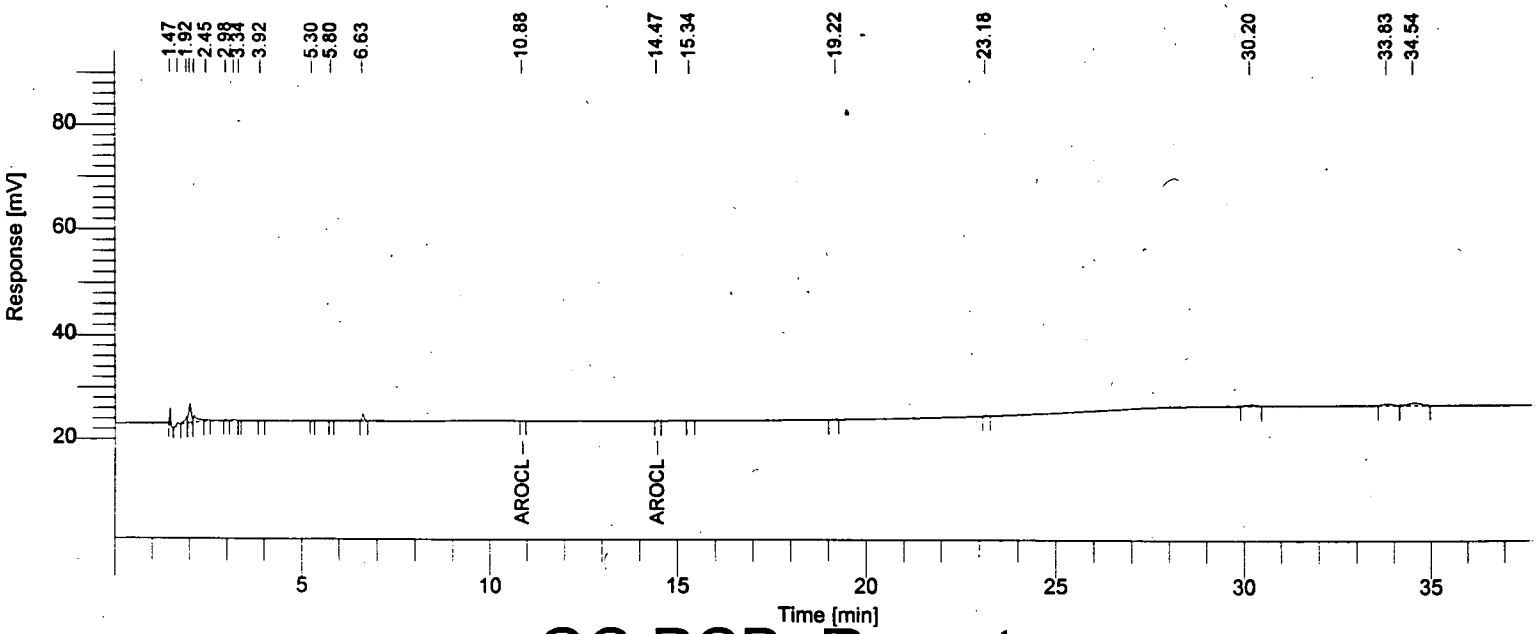

GC PCB Report

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

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	14.47	AR1016	499	0.0002

Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
14	10.88	Aroclor 1016-1	189	0.0005
0	13.11	Aroclor 1016-2	0	0.0000
0	14.08	Aroclor 1016-3	0	0.0000
15	14.47	Aroclor 1016-4	310	0.0006
0	14.73	Aroclor 1016-5	0	0.0000

05/18/98 10:27:01 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	: 05/18/98 10:27:08 AM
Operator	: PFALZERJ	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 011	Study	: 8082 CCV
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	: 05/14/98 00:13:16 AM	Cycle	: 11

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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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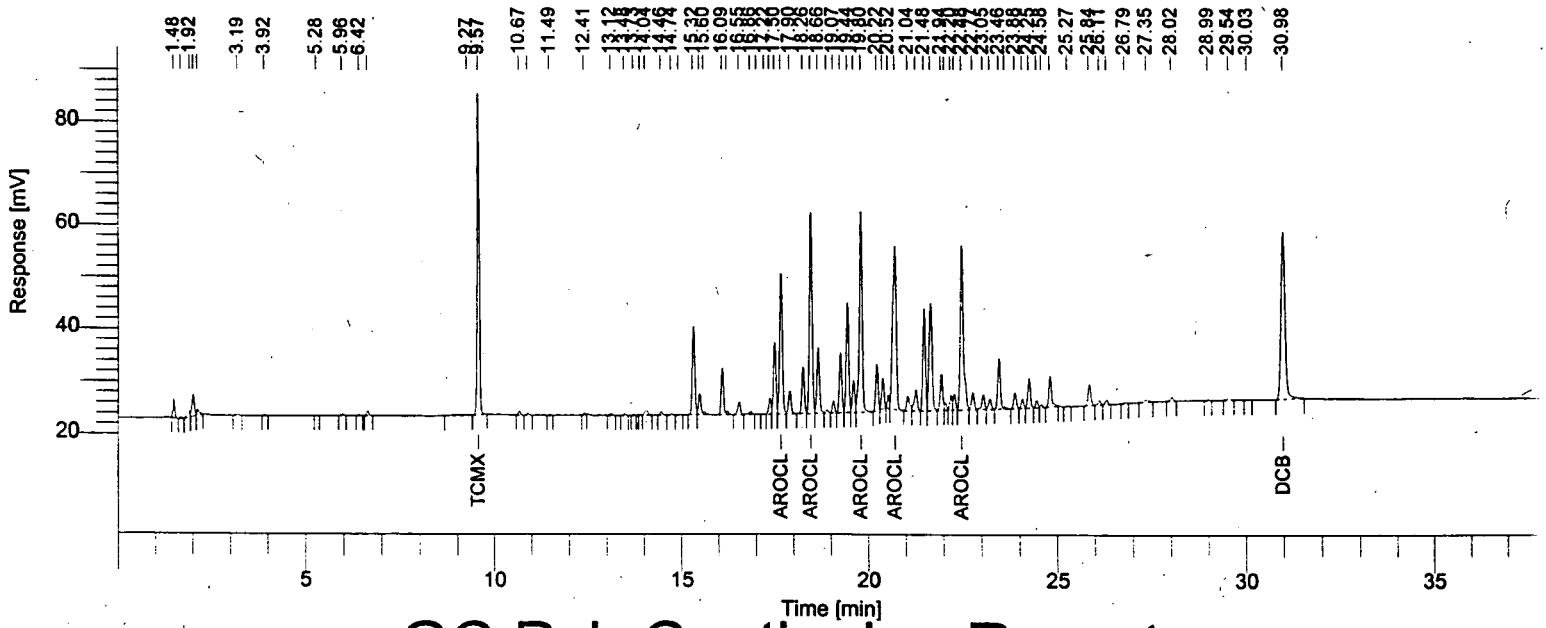

GC Pcb Continuing Report

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	9.57	TCMX	247817	0.0236	0.020	17.8
	19.80	AR1254	921792	0.2172	0.200	8.6
82	30.98	DCB	242385	0.0224	0.020	12.2
			1411994	0.2633		

05/18/98 10:27:08 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
37	17.67	Aroclor 1254-1	136920	0.2193	0.000	—
40	18.46	Aroclor 1254-2	193161	0.2132	0.000	—
47	19.80	Aroclor 1254-3	200753	0.2190	0.000	—
51	20.70	Aroclor 1254-4	211307	0.2129	0.000	—
60	22.48	Aroclor 1254-5	179651	0.2235	0.000	—
			921792	1.0879		

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:27:12 AM
Operator	: PFALZERJ	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 012	Study	: 8082 CCV
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	: 05/14/98 00:55:51 AM	Cycle	: 12

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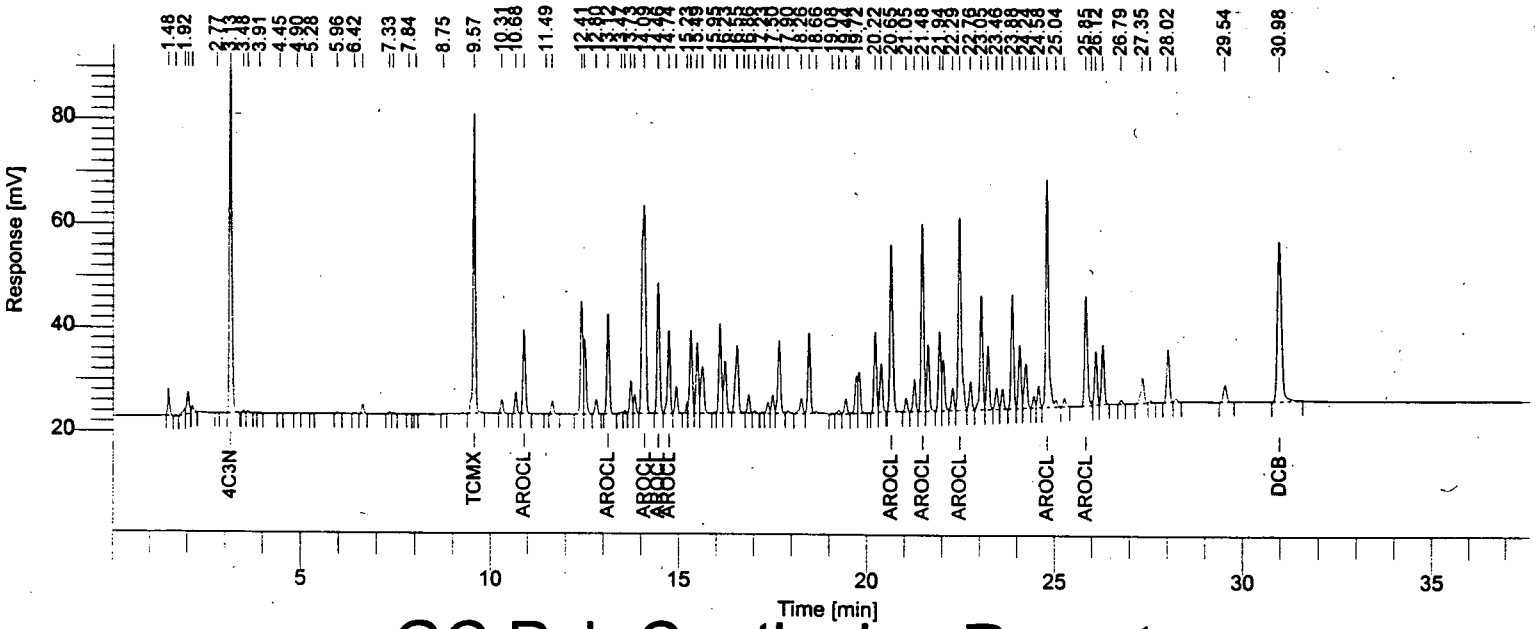

GC Pcb Continuing Report

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	3.13	4C3N	312290	0.0527	0.050	5.4
22	9.57	TCMX	241357	0.0201	0.020	0.3
	14.09	AR1016	645732	0.2141	0.200	7.1
	24.81	AR1260	903604	0.2182	0.200	9.1
98	30.98	DCB	234313	0.0218	0.020	8.8
			2337296	0.5269		

05/18/98 10:27:12 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
	25	10.90	Aroclor 1016-1	74283	0.2130	0.000	—
	31	13.12	Aroclor 1016-2	89990	0.2154	0.000	—
	36	14.09	Aroclor 1016-3	285802	0.2135	0.000	—
	37	14.46	Aroclor 1016-4	120260	0.2148	0.000	—
	38	14.74	Aroclor 1016-5	75397	0.2153	0.000	—
				645732	1.0720		

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	169265	0.2131	0.000	—
	69	21.48	Aroclor 1260-2	178296	0.2145	0.000	—
	74	22.48	Aroclor 1260-3	210340	0.2171	0.000	—
	85	24.81	Aroclor 1260-4	231381	0.2214	0.000	—
	88	25.85	Aroclor 1260-5	114321	0.2278	0.000	—
				903604	1.0939		

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:56:32 AM
Operator	: PFALZERJ	Sample Name	: HEXANE
Sample Number	: 022	Study	:
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	: 37.94 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 09:29:19 AM	Cycle	: 22

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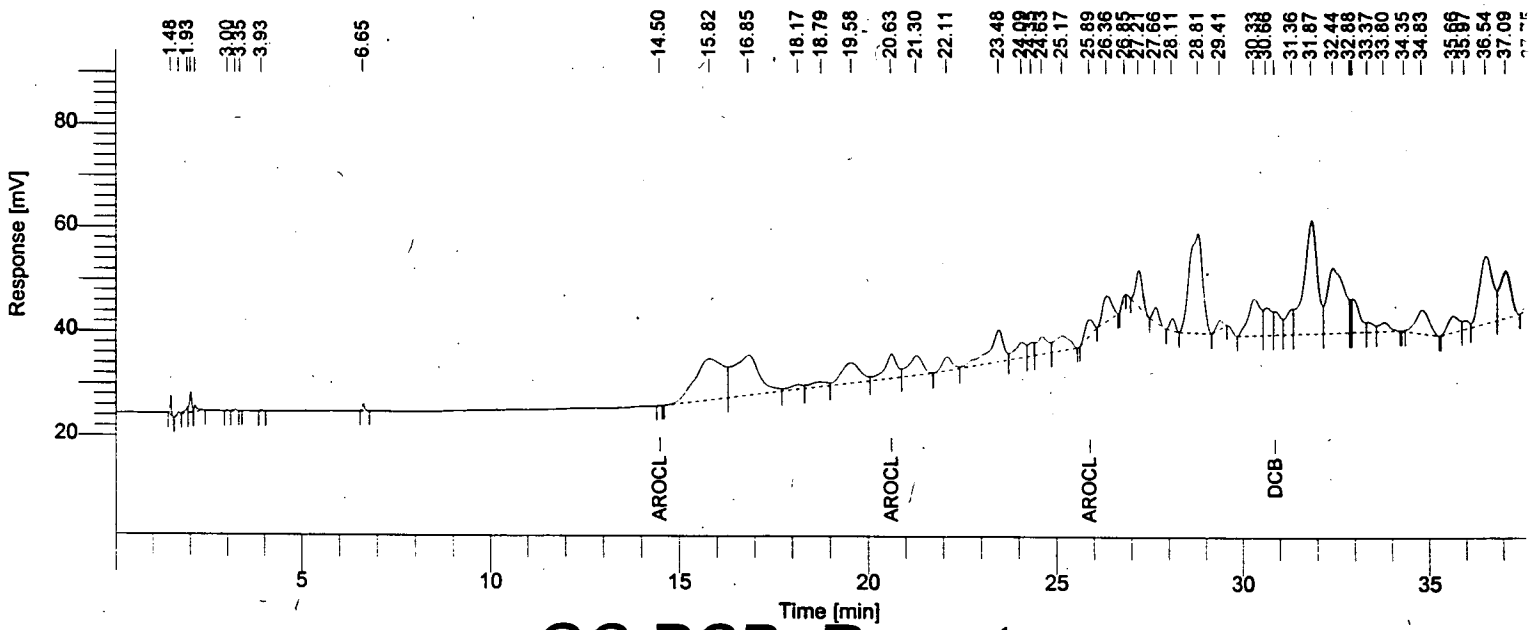

GC PCB Report

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

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	14.50	AR1016	261	0.0001
	20.63	AR1260	156448	0.0378
35	30.88	DCB	60539	0.0056

05/18/98 10:56:32 AM Result:
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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
11	14.50	Aroclor 1016-4	261	0.0005
0	14.73	Aroclor 1016-5	0	0.0000

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
17	20.63	Aroclor 1260-1	108393	0.1364
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
25	25.89	Aroclor 1260-5	48055	0.0957

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:56:38 AM
Operator	: PFALZERJ	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 023	Study	: 8082 CCV
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	: 37.95 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	: 05/14/98 10:11:51 AM	Cycle	: 23

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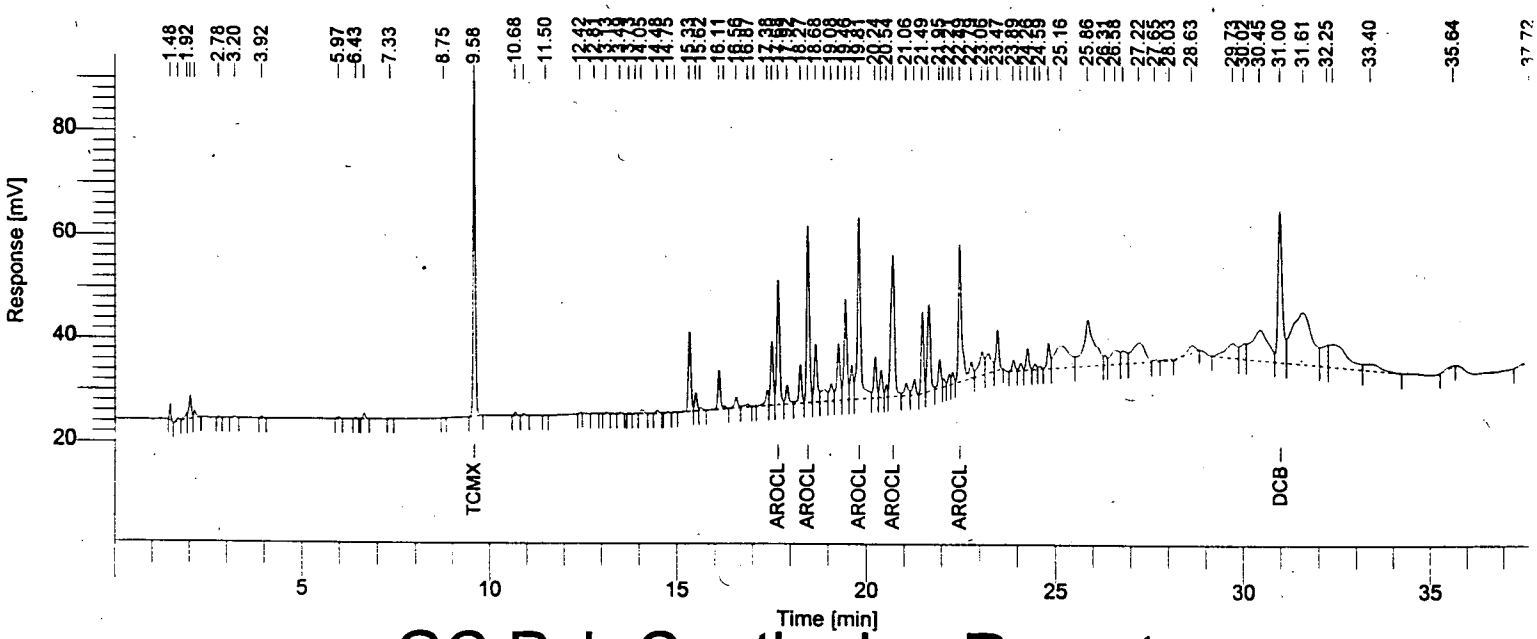

GC Pcb Continuing Report

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	265032	0.0252	0.020	26.0
	19.81	AR1254	864594	0.2038	0.200	1.9
84	31.00	DCB	238675	0.0221	0.020	10.5
			1368302	0.2511		

05/18/98 10:56:38 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	17.68	Aroclor 1254-1	128486	0.2058	0.000	—
41	18.48	Aroclor 1254-2	172702	0.1906	0.000	—
48	19.81	Aroclor 1254-3	213684	0.2331	0.000	—
52	20.71	Aroclor 1254-4	190617	0.1921	0.000	—
61	22.49	Aroclor 1254-5	159105	0.1979	0.000	—
			864594	1.0195		

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:56:44 AM
Operator	: PFALZERJ	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 024	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/24
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	: 05/14/98 11:15:06 AM	Cycle	: 24

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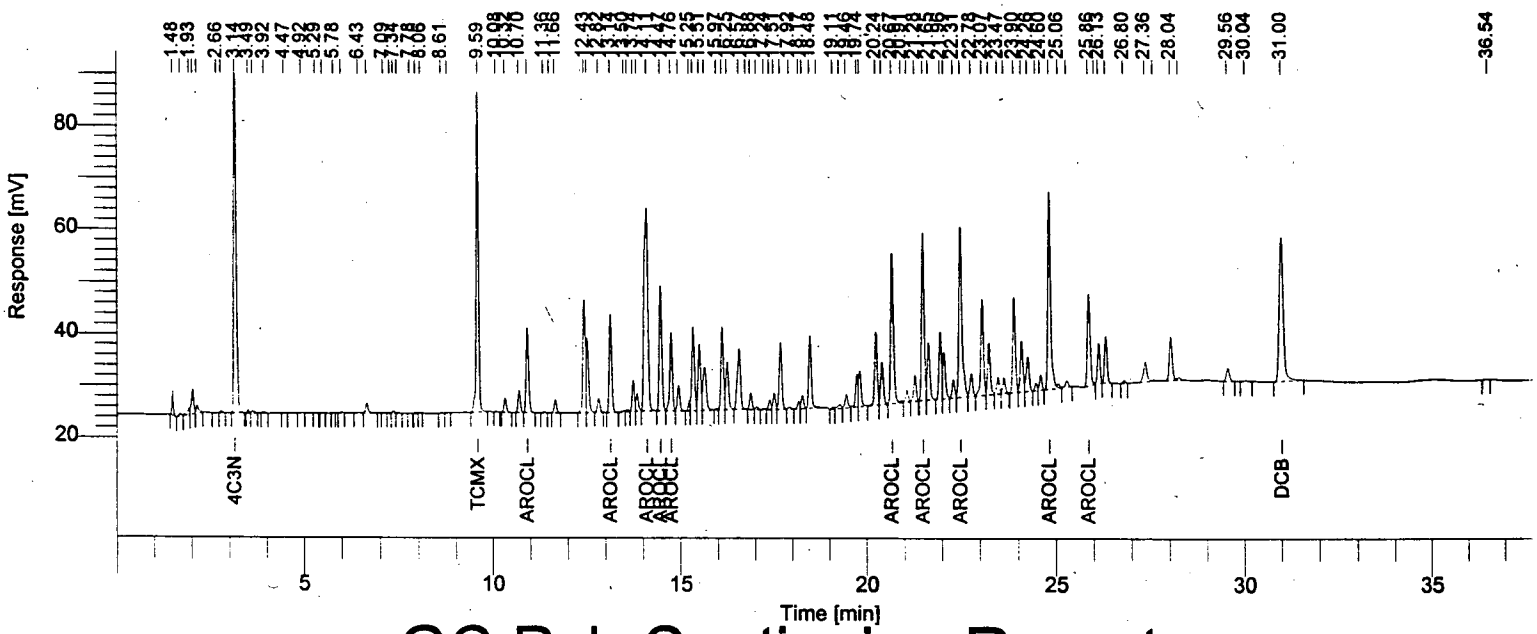

GC Pcb Continuing Report

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
8	3.14	4C3N	336970	0.0569	0.050	13.8
29	9.59	TCMX	262151	0.0218	0.020	9.0
	14.11	AR1016	629561	0.2088	0.200	4.4
	24.82	AR1260	789903	0.1907	0.200	-4.6
110	31.00	DCB	212470	0.0197	0.020	-1.3
			2231056	0.4979		

05/18/98 10:56:44 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
33	10.92	Aroclor 1016-1	75642	0.2169	0.000	—
40	13.14	Aroclor 1016-2	89189	0.2135	0.000	—
45	14.11	Aroclor 1016-3	278059	0.2077	0.000	—
46	14.47	Aroclor 1016-4	115371	0.2061	0.000	—
47	14.76	Aroclor 1016-5	71299	0.2036	0.000	—
			629561	1.0477		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
76	20.67	Aroclor 1260-1	153446	0.1932	0.000	—
80	21.50	Aroclor 1260-2	158483	0.1907	0.000	—
85	22.49	Aroclor 1260-3	187088	0.1931	0.000	—
96	24.82	Aroclor 1260-4	197025	0.1885	0.000	—
99	25.86	Aroclor 1260-5	93862	0.1870	0.000	—
			789903	0.9525		

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:56:51 AM
Operator	: PFALZERJ	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 025	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/25
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 11:57:41 AM	Cycle	: 25

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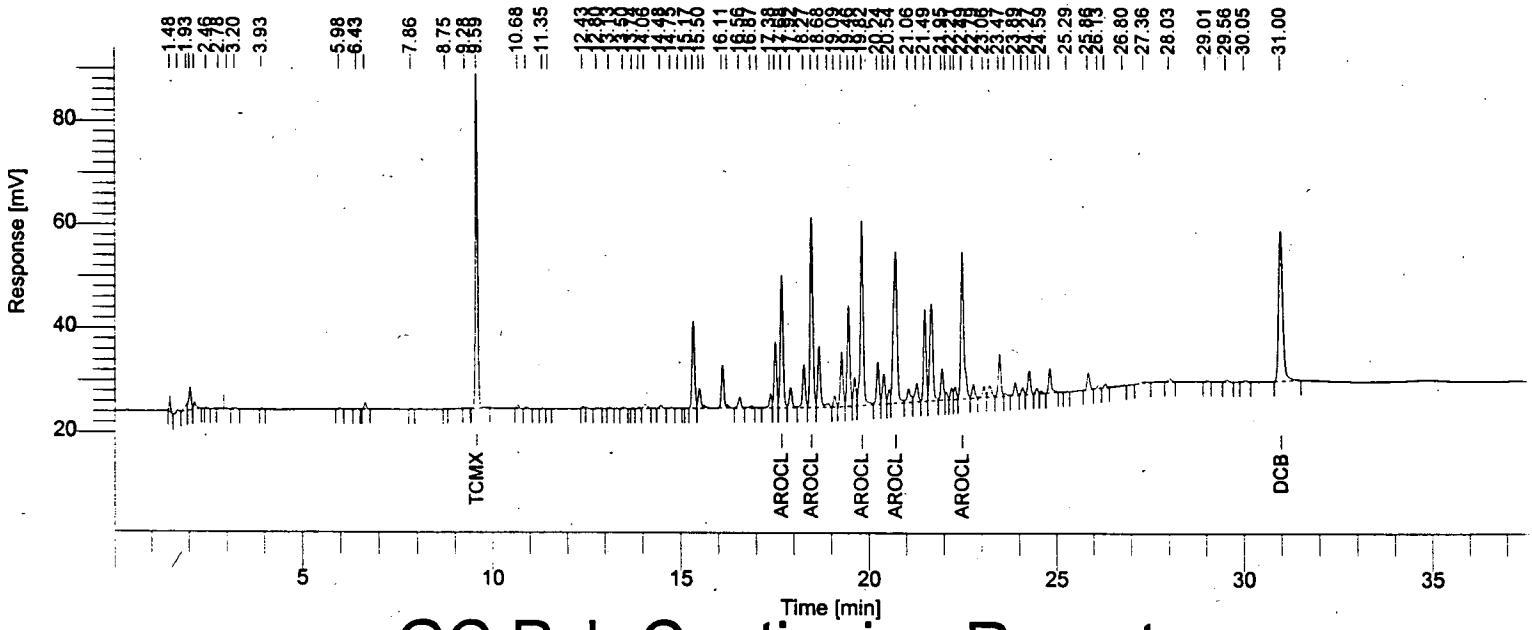

GC Pcb Continuing Report

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
17	9.59	TCMX	265140	0.0252	0.020	26.1
	18.48	AR1254	873498	0.2059	0.200	2.9
88	31.00	DCB	220599	0.0204	0.020	2.1
			1359237	0.2515		

05/18/98 10:56:51 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	17.68	Aroclor 1254-1	131522	0.2106	0.000	—
46	18.48	Aroclor 1254-2	185766	0.2051	0.000	—
53	19.82	Aroclor 1254-3	190881	0.2083	0.000	—
57	20.72	Aroclor 1254-4	203684	0.2052	0.000	—
66	22.49	Aroclor 1254-5	161644	0.2011	0.000	—
			873498	1.0303		

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:57:01 AM
Operator	: PFALZERJ	Sample Name	: HEXANE
Sample Number	: 027	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/27
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 13:23:01 PM	Cycle	: 27

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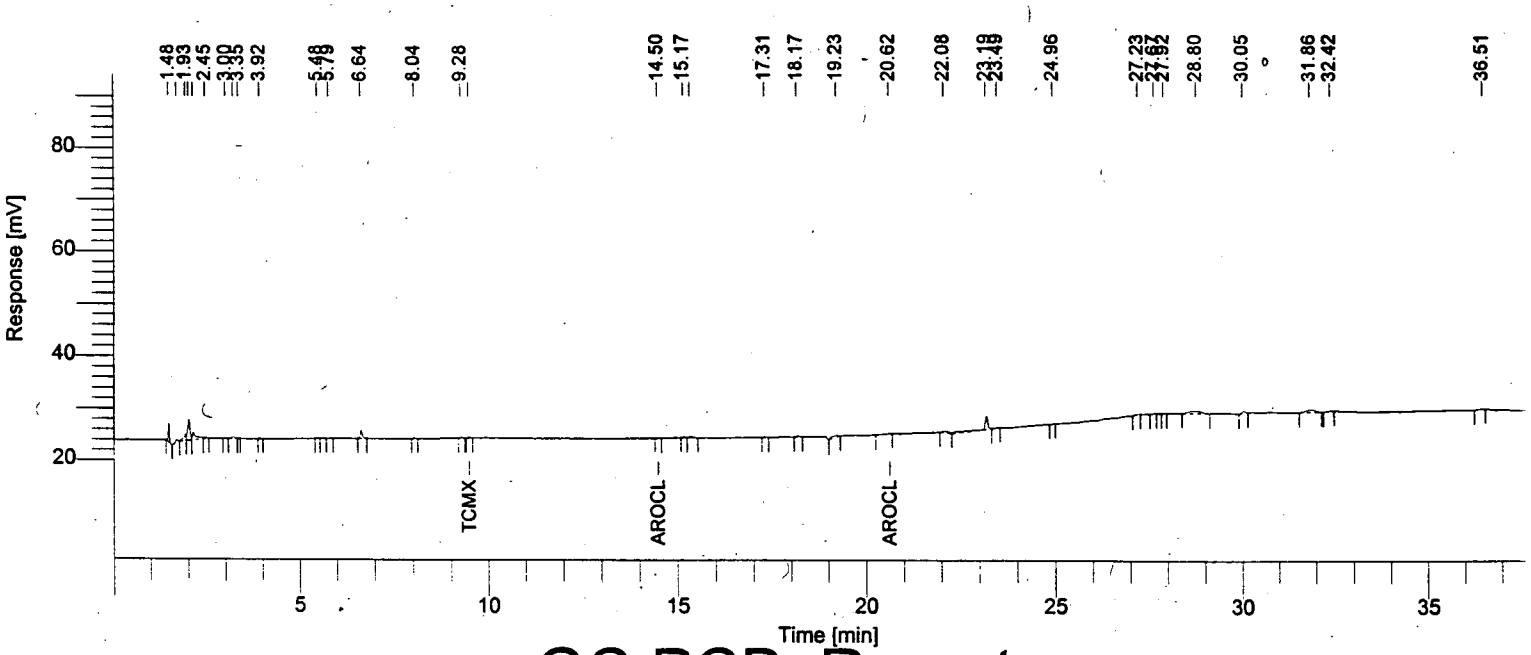

GC PCB Report

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

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
16	9.49	TCMX	364	0.0000
	14.50	AR1016	331	0.0001
	20.62	AR1260	796	0.0002

05/18/98 10:57:01 AM Result:
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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
17	14.50	Aroclor 1016-4	331	0.0006
0	14.73	Aroclor 1016-5	0	0.0000

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
23	20.62	Aroclor 1260-1	796	0.0010
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 10:57:05 AM
Operator	: PFALZERJ	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 028	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/28
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	: 05/14/98 14:05:41 PM	Cycle	: 28

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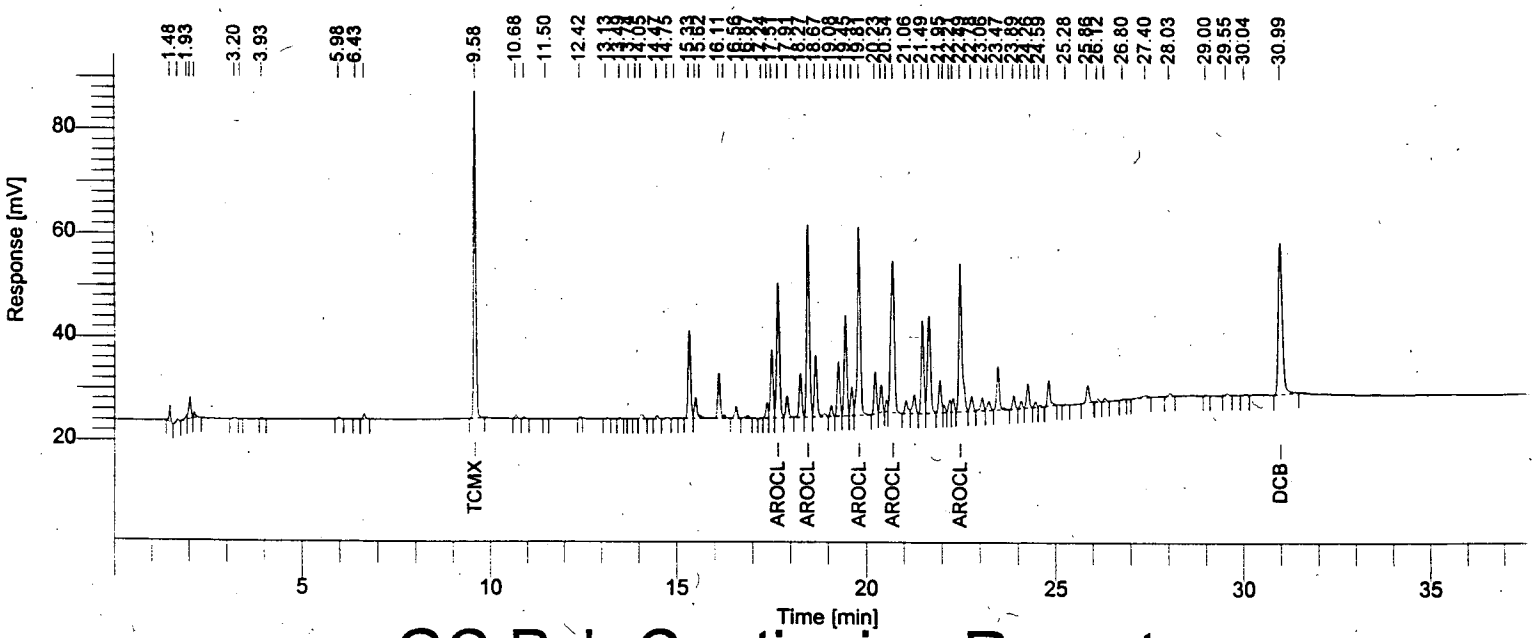

GC Pcb Continuing Report

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
12	9.58	TCMX	258944	0.0246	0.020	23.1
	18.47	AR1254	874841	0.2062	0.200	3.1
80	30.99	DCB	222195	0.0206	0.020	2.9
			1355979	0.2514		

05/18/98 10:57:05 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
35	17.68	Aroclor 1254-1	136132	0.2180	0.000	—
38	18.47	Aroclor 1254-2	188175	0.2077	0.000	—
45	19.81	Aroclor 1254-3	189400	0.2066	0.000	—
49	20.71	Aroclor 1254-4	197454	0.1990	0.000	—
58	22.49	Aroclor 1254-5	163682	0.2036	0.000	—
			874841	1.0350		

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:57:10 AM
Operator	: PFALZERJ	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 029	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/29
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 14:48:17 PM	Cycle	: 29

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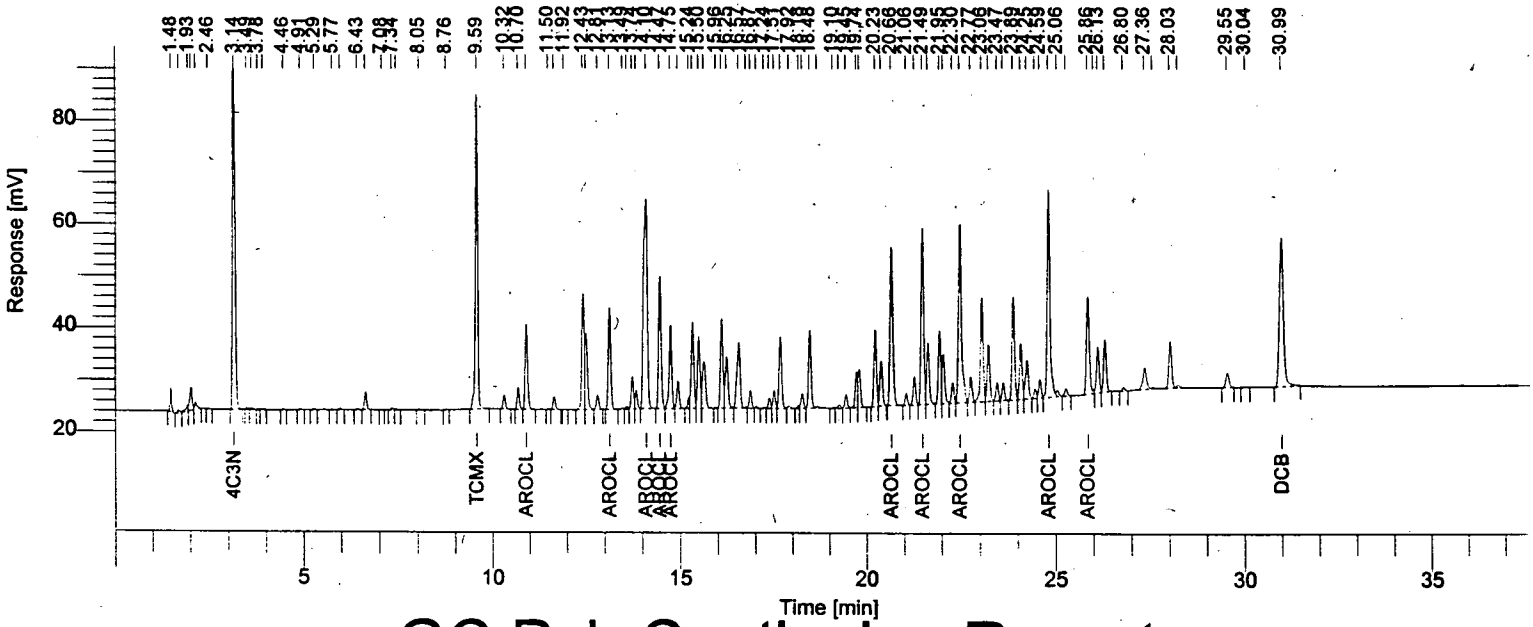

GC Pcb Continuing Report

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	332320	0.0561	0.050	12.2
24	9.59	TCMX	258828	0.0215	0.020	7.6
	14.10	AR1016	657792	0.2181	0.200	9.1
	24.82	AR1260	835684	0.2018	0.200	0.9
103	30.99	DCB	218311	0.0203	0.020	1.4
			2302935	0.5178		

05/18/98 10:57:10 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	76184	0.2184	0.000	—
34	13.13	Aroclor 1016-2	91950	0.2201	0.000	—
39	14.10	Aroclor 1016-3	290821	0.2172	0.000	—
40	14.47	Aroclor 1016-4	122298	0.2185	0.000	—
41	14.75	Aroclor 1016-5	76538	0.2185	0.000	—
			657792	1.0928		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
70	20.66	Aroclor 1260-1	161462	0.2032	0.000	—
73	21.49	Aroclor 1260-2	166998	0.2009	0.000	—
78	22.49	Aroclor 1260-3	194082	0.2004	0.000	—
89	24.82	Aroclor 1260-4	211200	0.2021	0.000	—
92	25.86	Aroclor 1260-5	101942	0.2031	0.000	—
			835684	1.0097		

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

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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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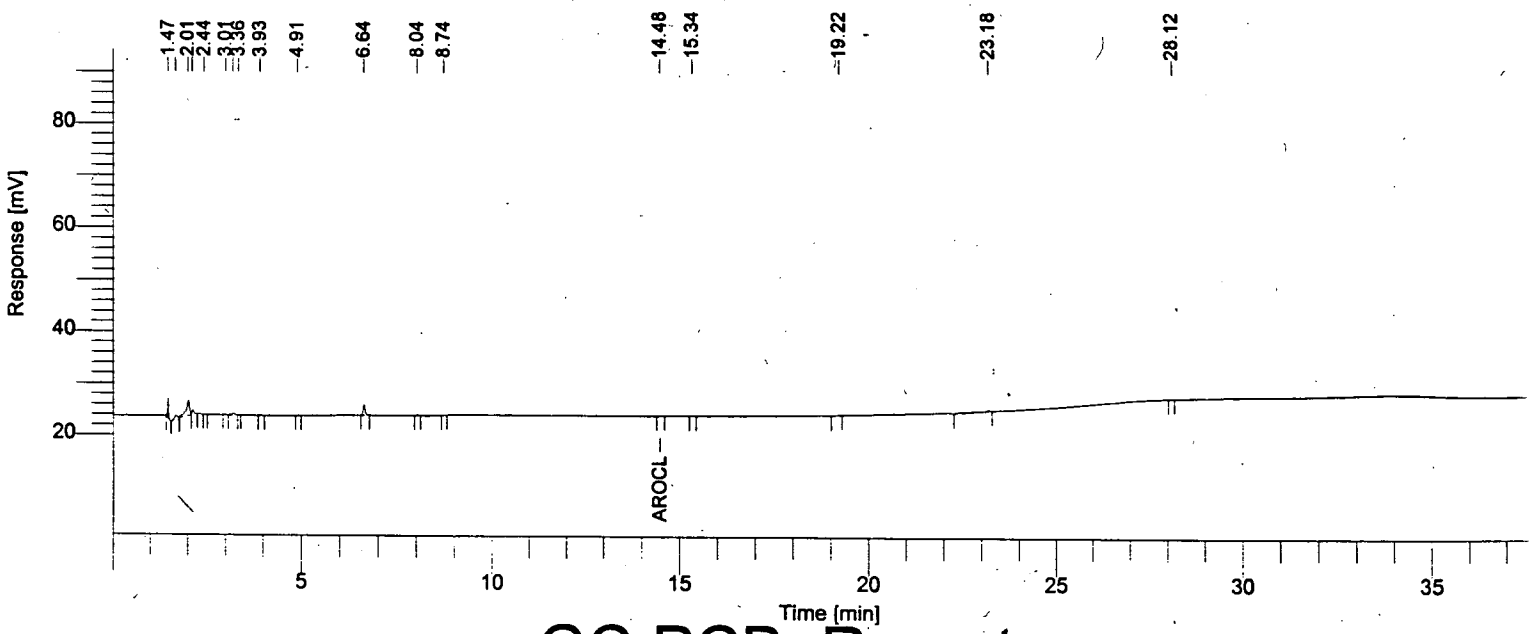

GC PCB Report

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:
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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	: 05/18/98 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

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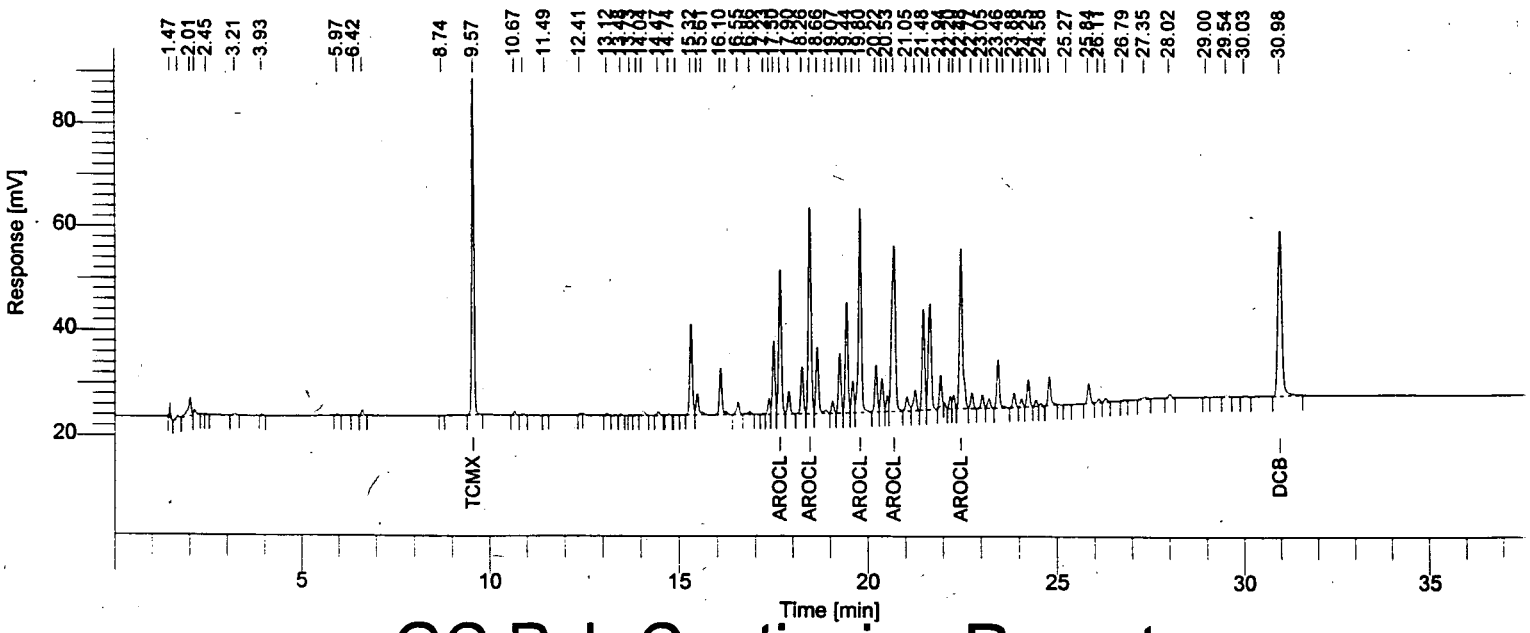
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC Pcb 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:
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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

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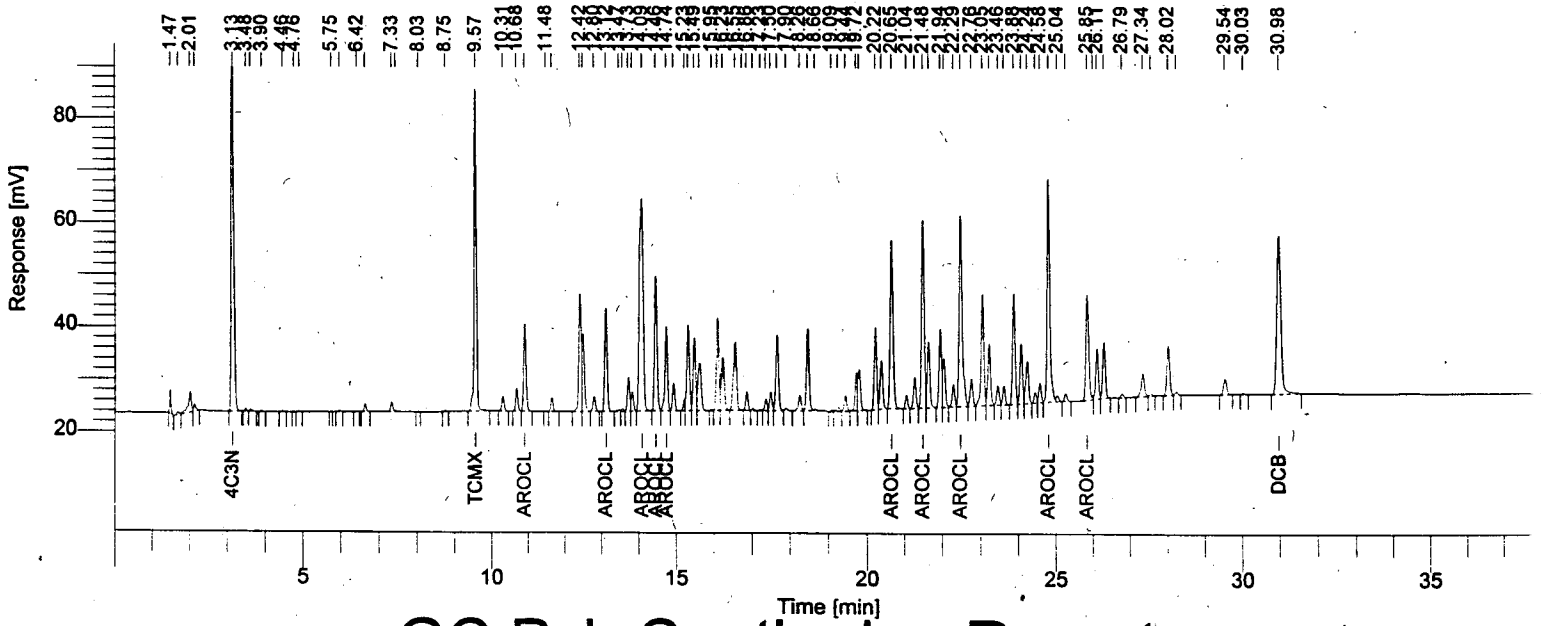
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



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
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:
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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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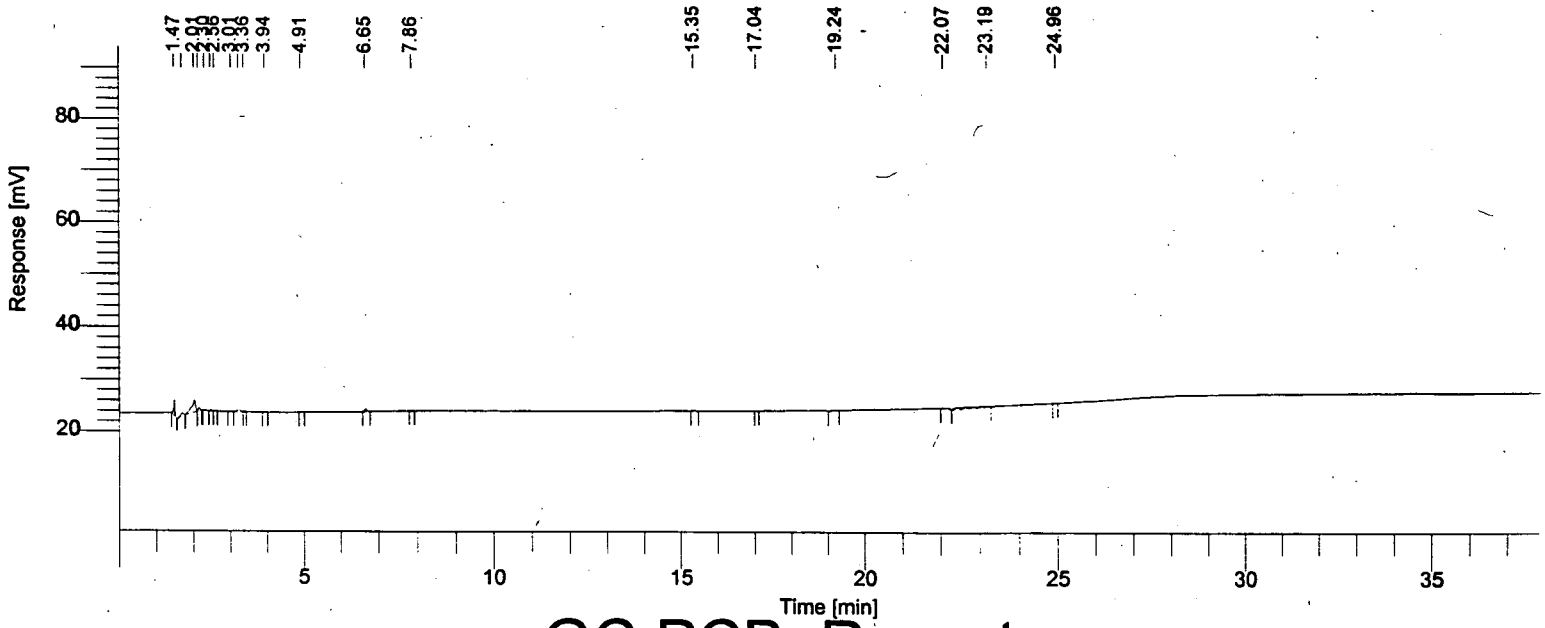

GC PCB Report

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:
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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	: 05/18/98 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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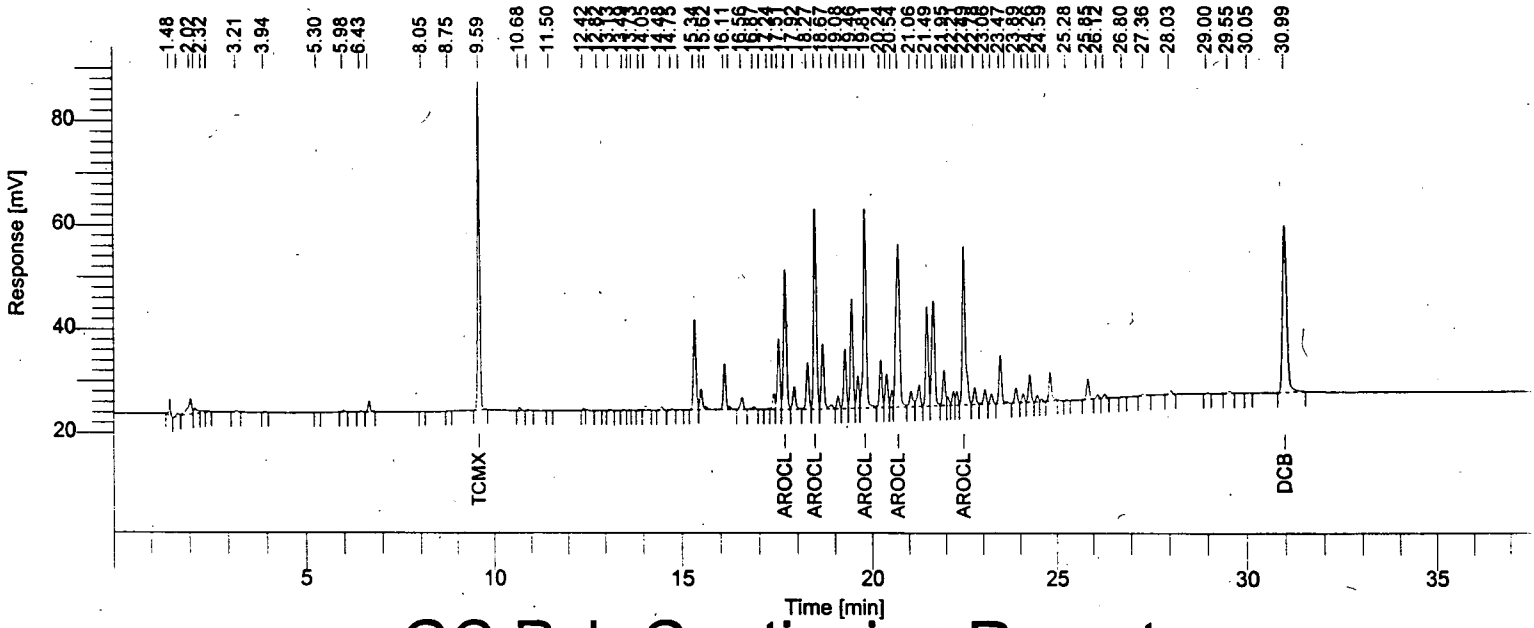

GC Pcb Continuing Report

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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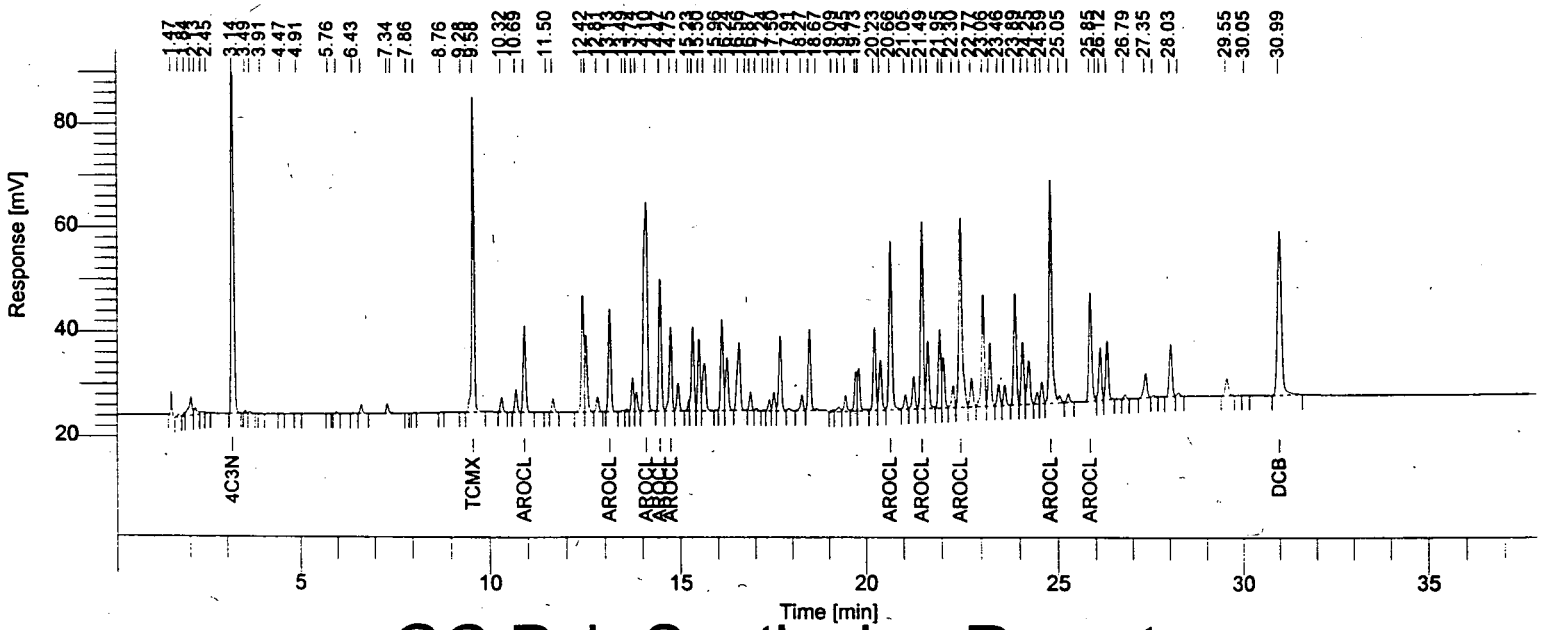

GC Pcb Continuing Report

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:
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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	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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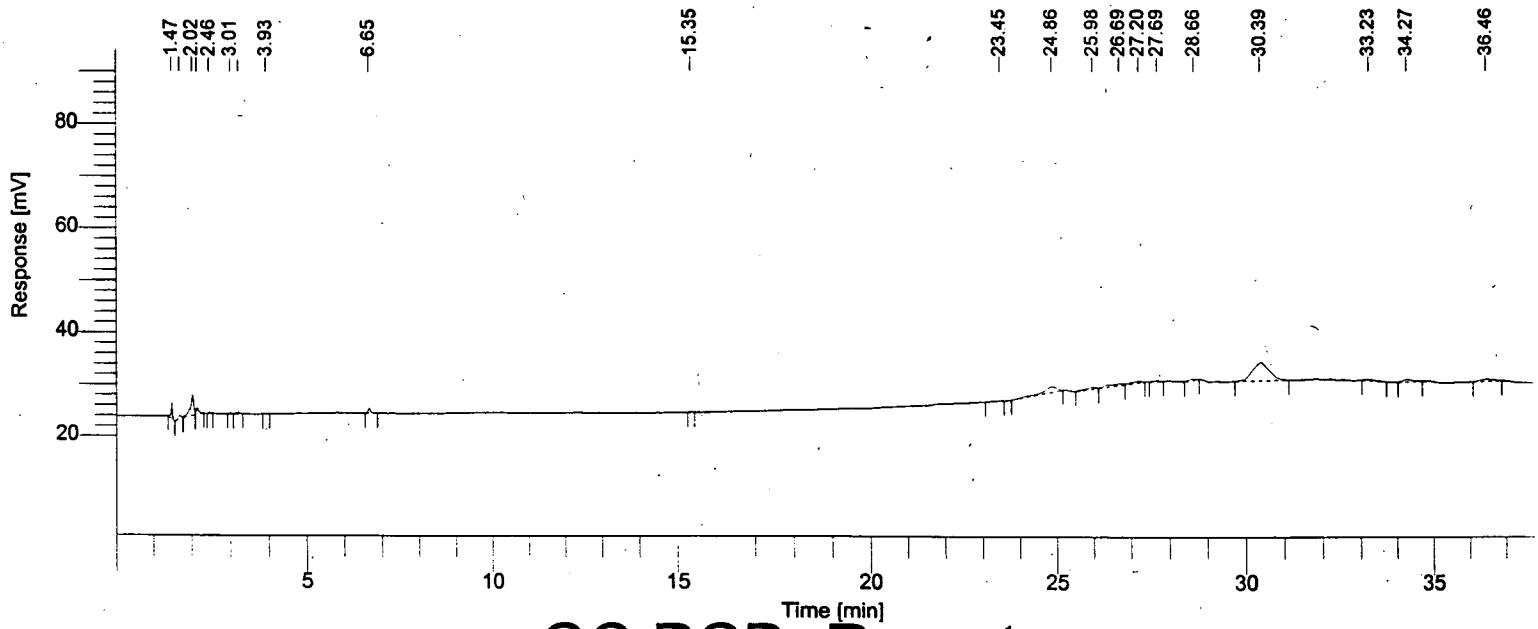

GC PCB Report

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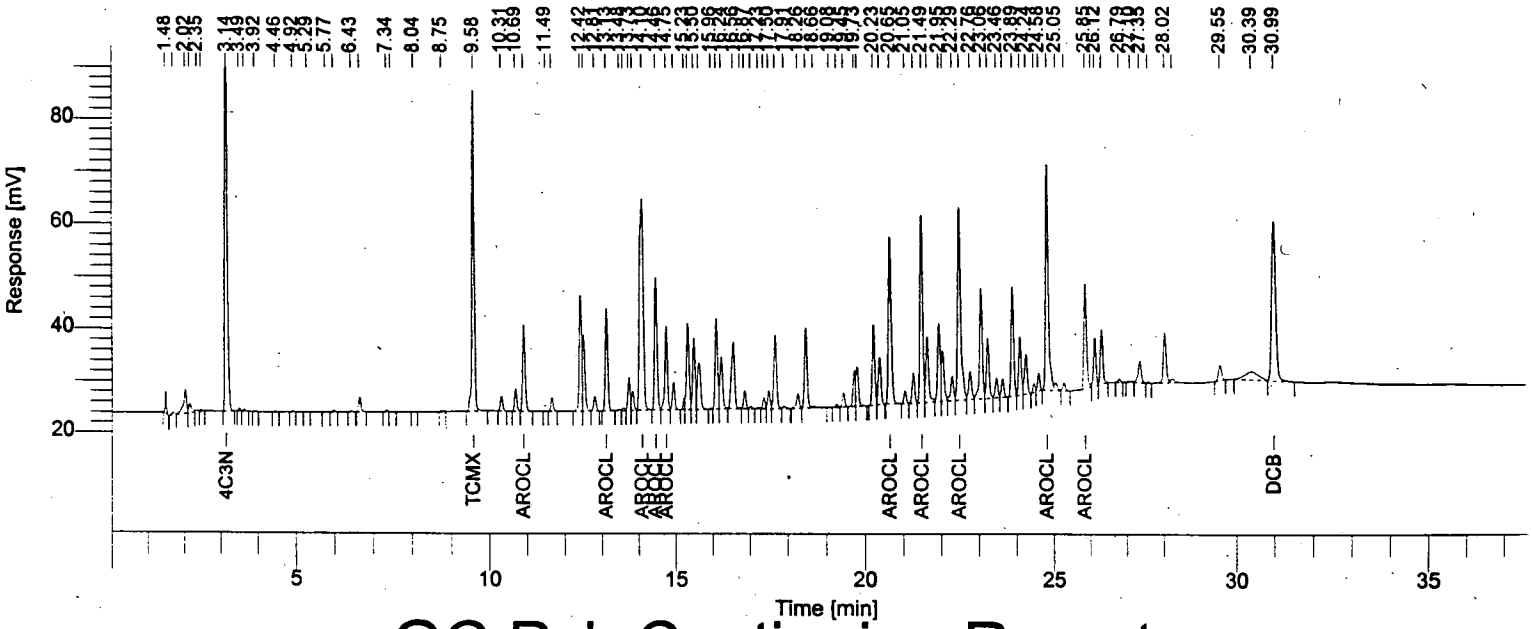

GC Pcb Continuing Report

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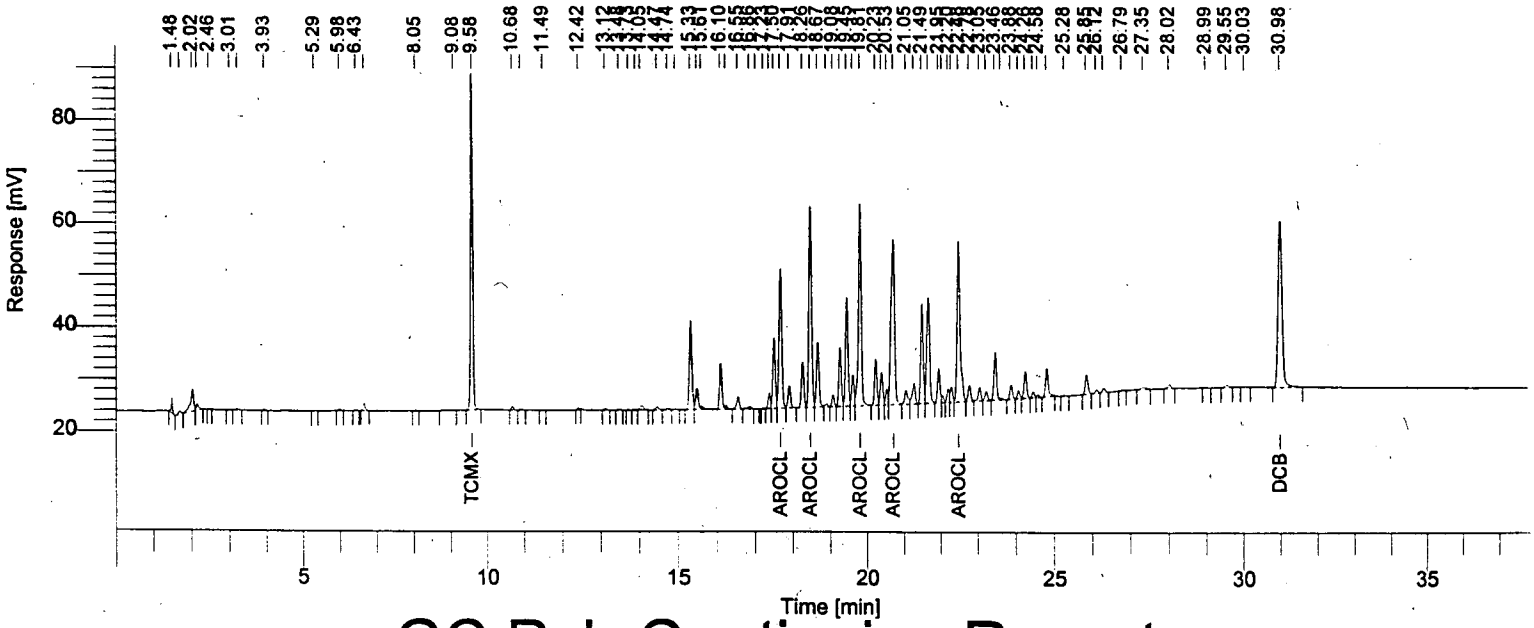

GC Pcb Continuing Report

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
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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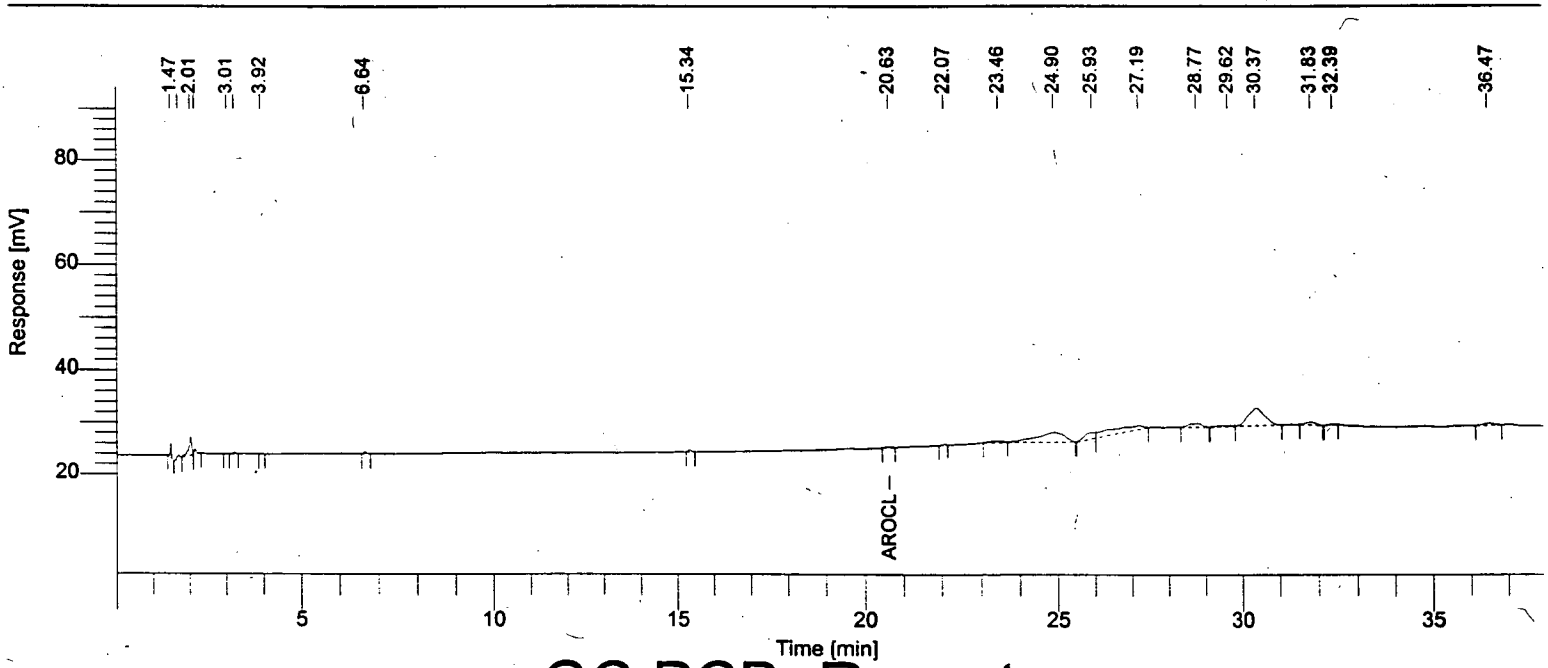

GC PCB Report

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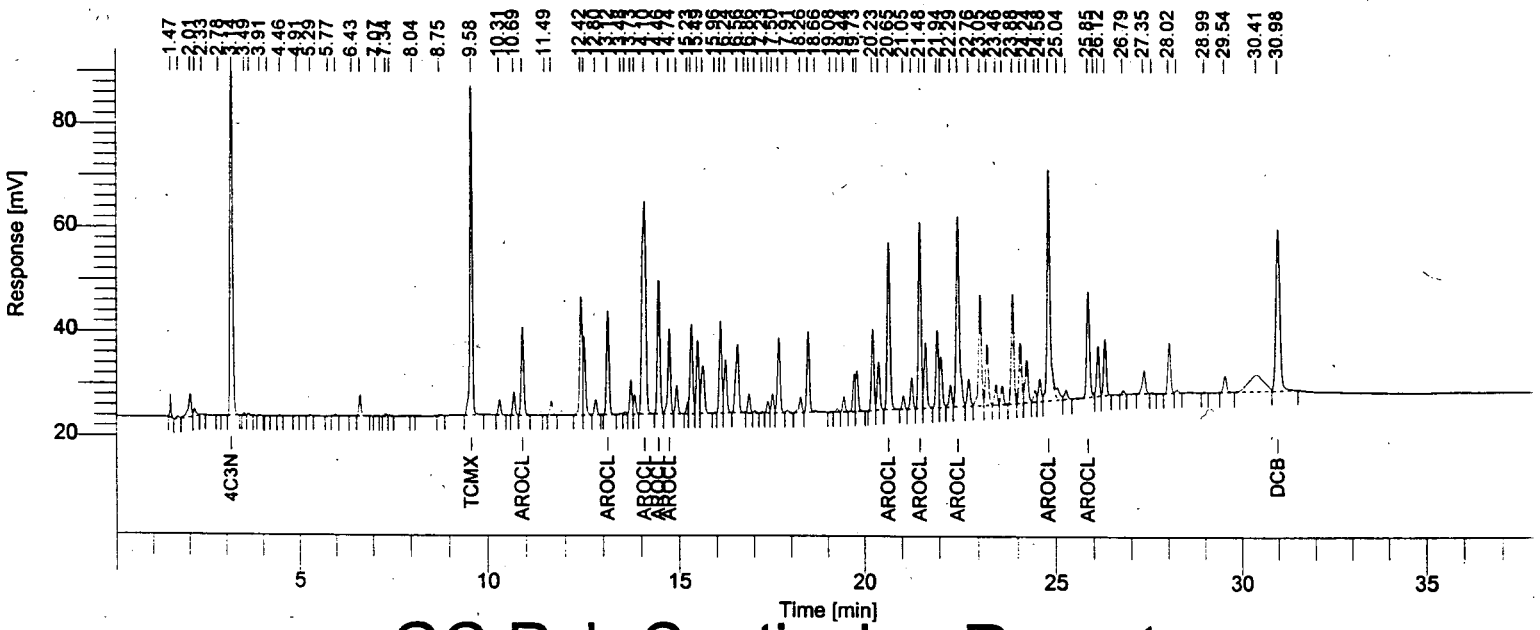
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



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	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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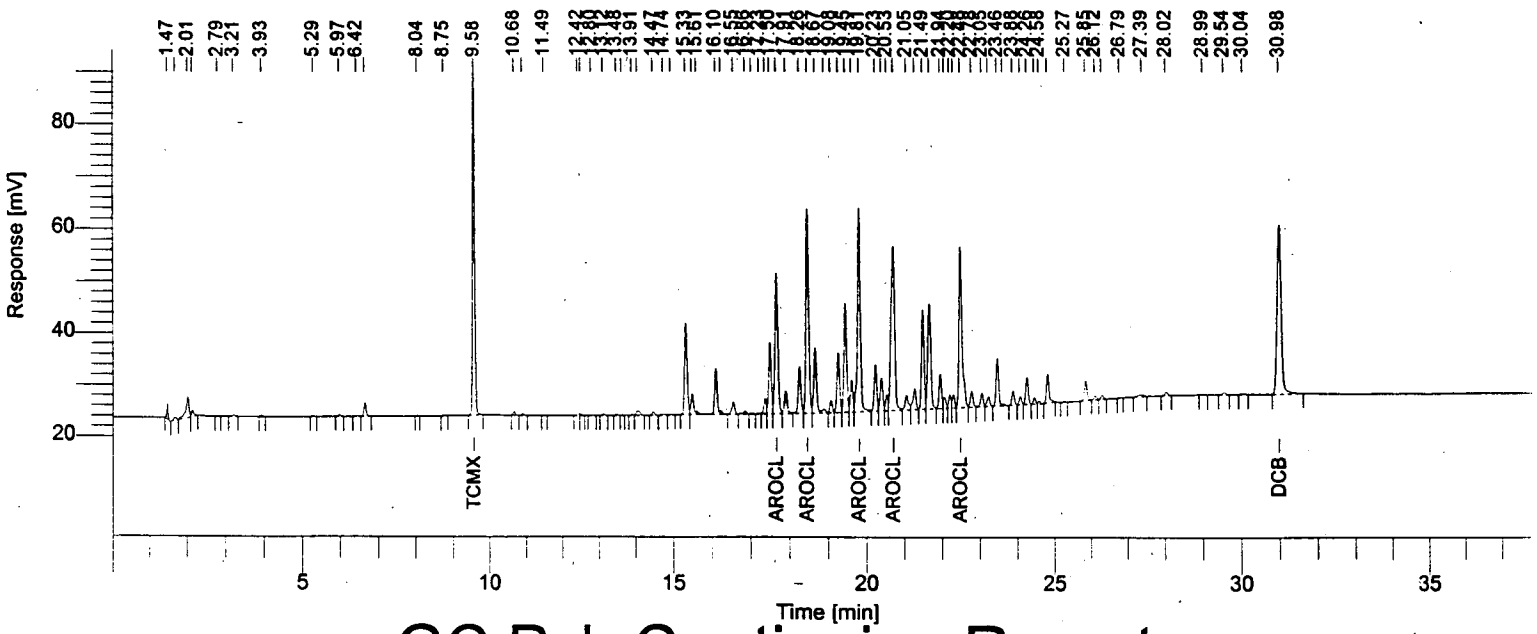

GC Pcb Continuing Report

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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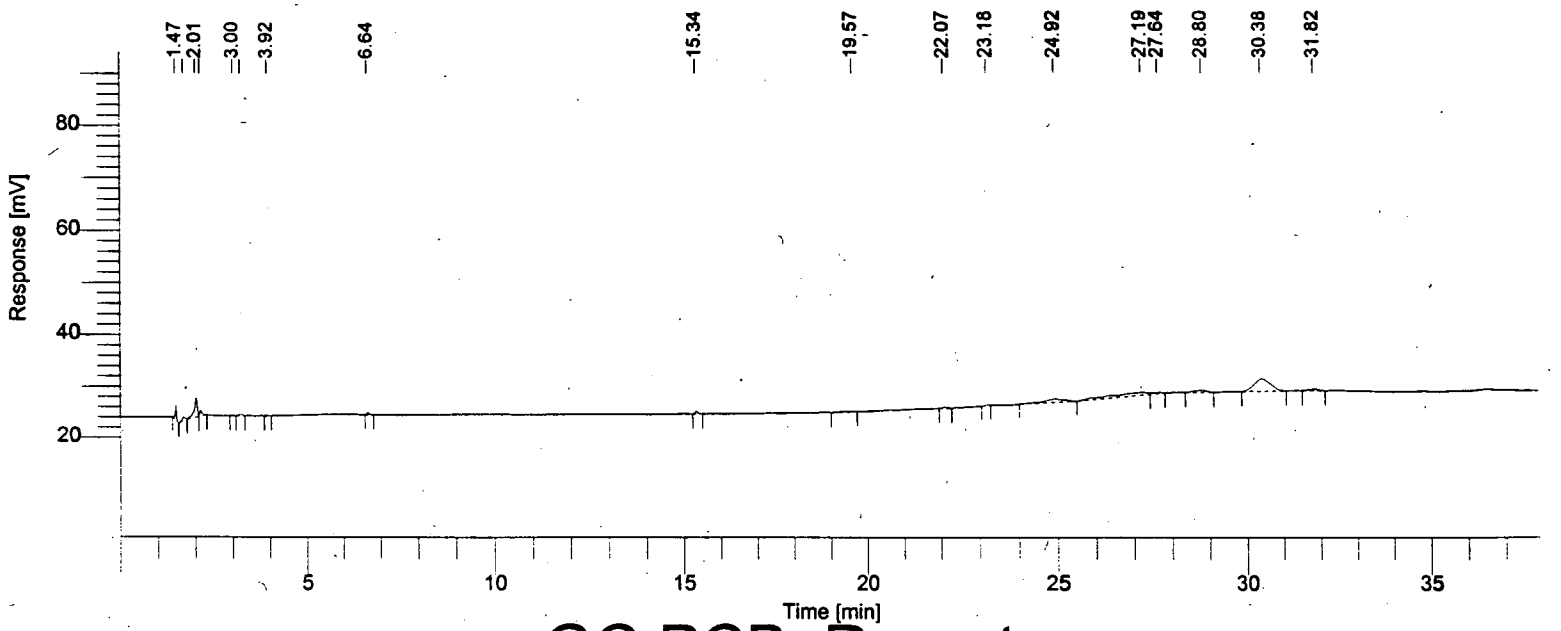

GC PCB Report

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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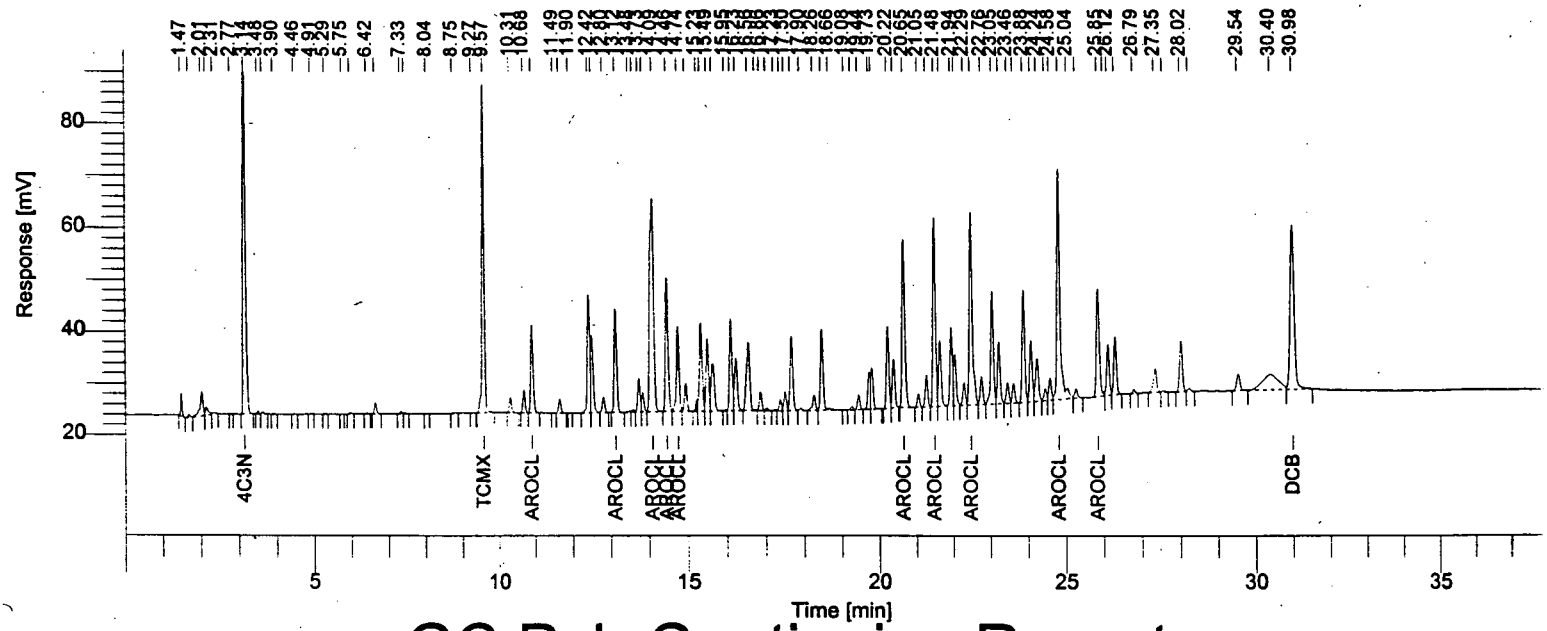

GC Pcb Continuing Report

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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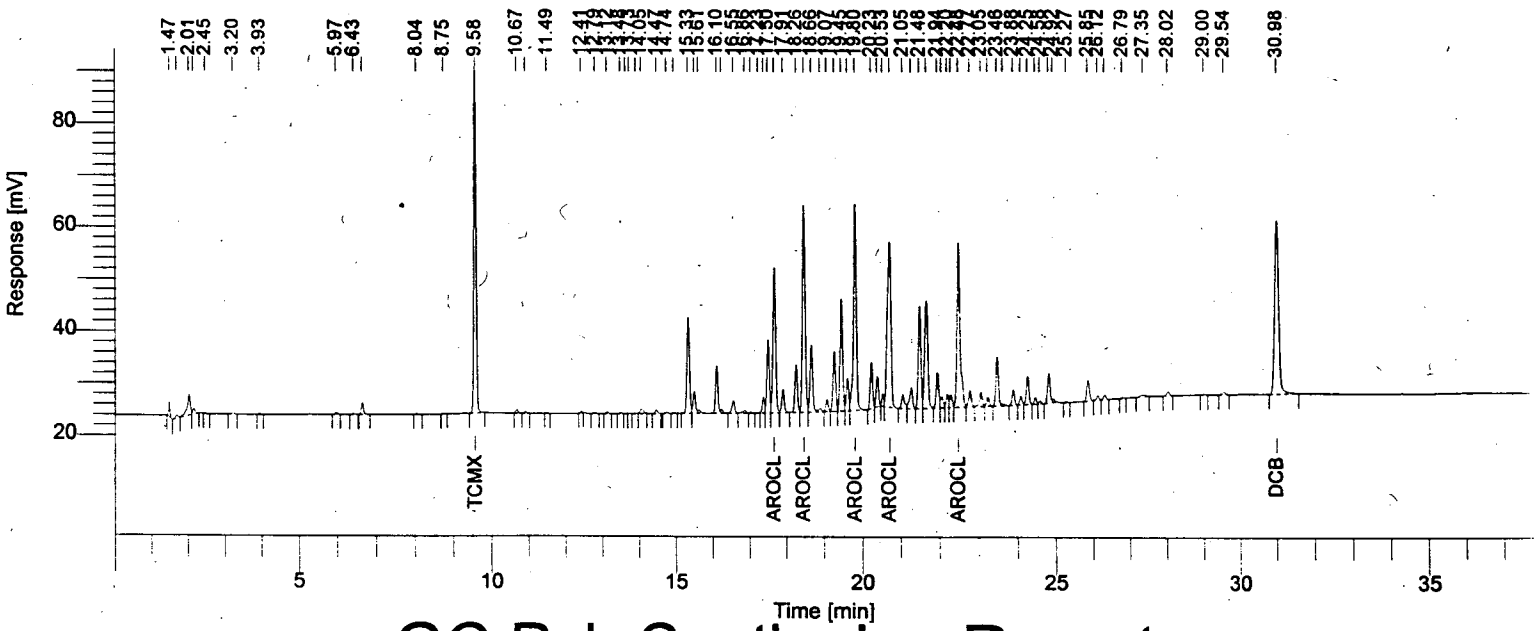

GC Pcb Continuing Report

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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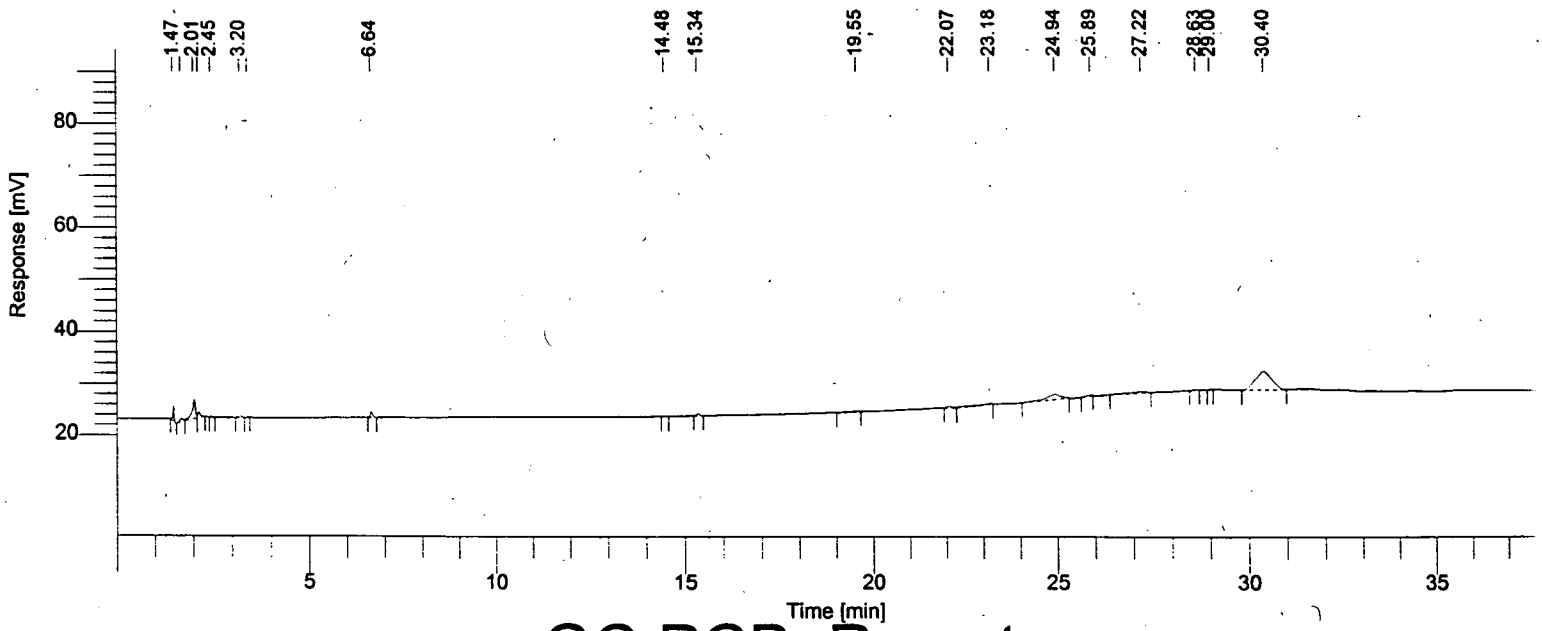
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_104.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC PCB 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

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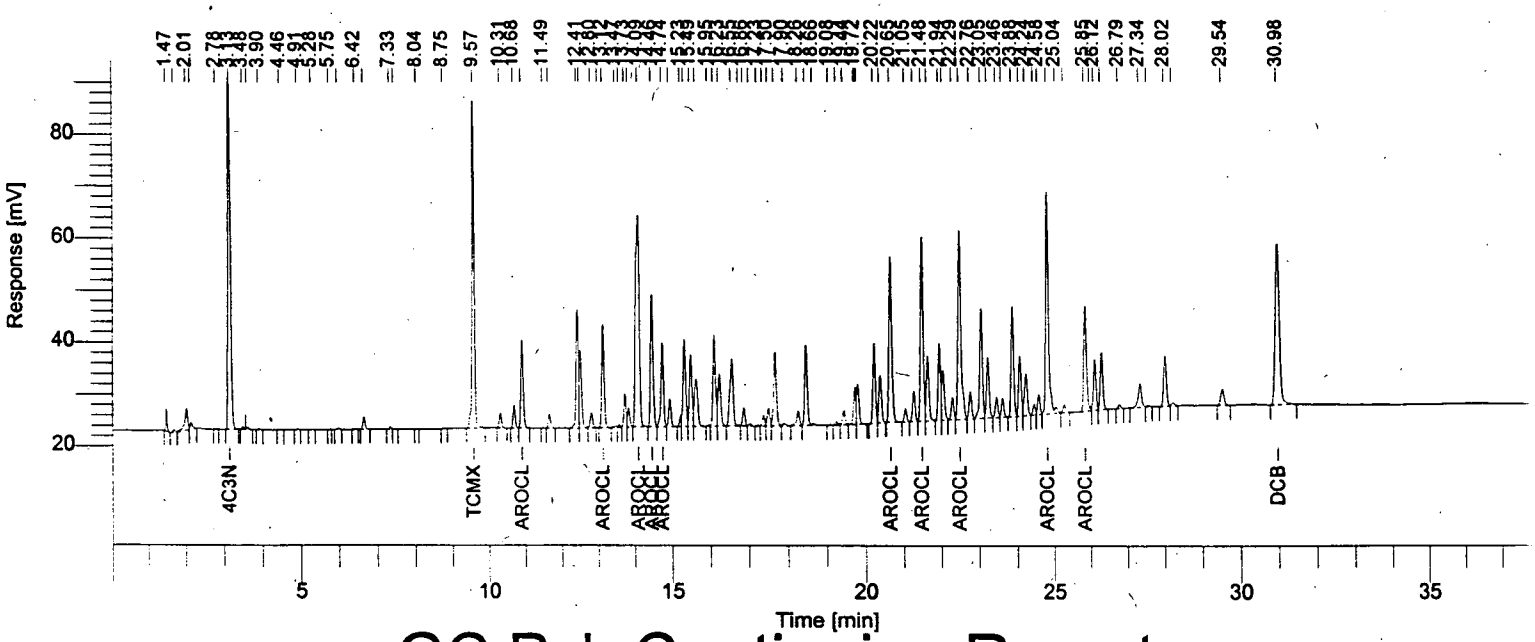
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



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
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

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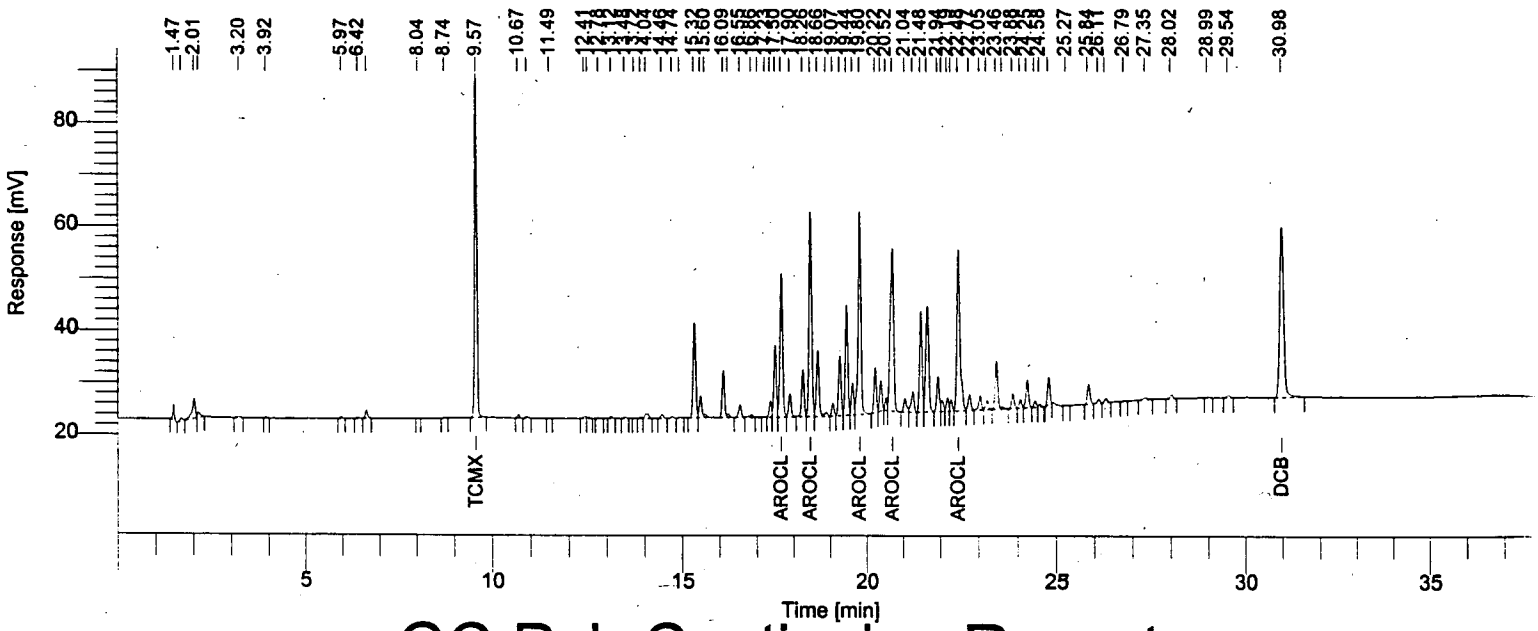
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC Pcb 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 11:44:16 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 115	Study	:
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	: 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 11:05:38 AM	Cycle	: 115

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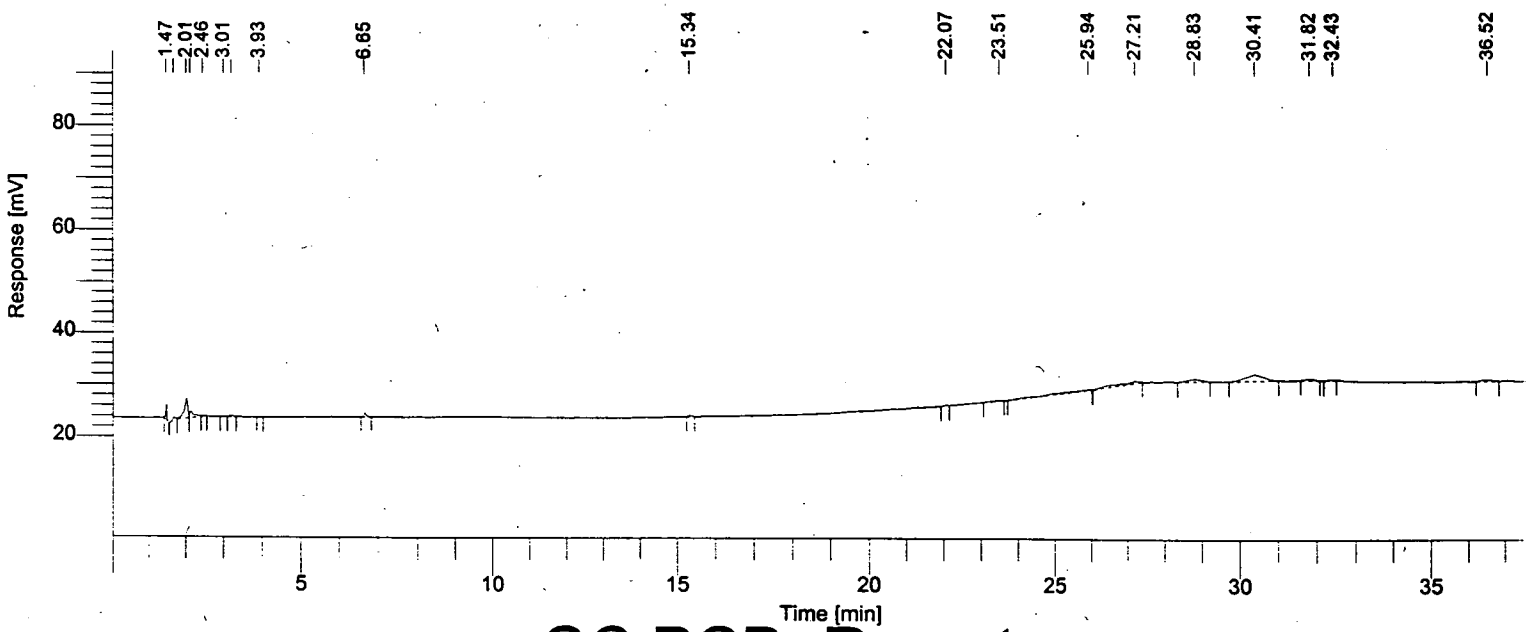

GC PCB Report

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

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 11:44:22 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 116	Study	: CCV
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	: 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 11:48:17 AM	Cycle	: 116

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1a_0513_116.raw
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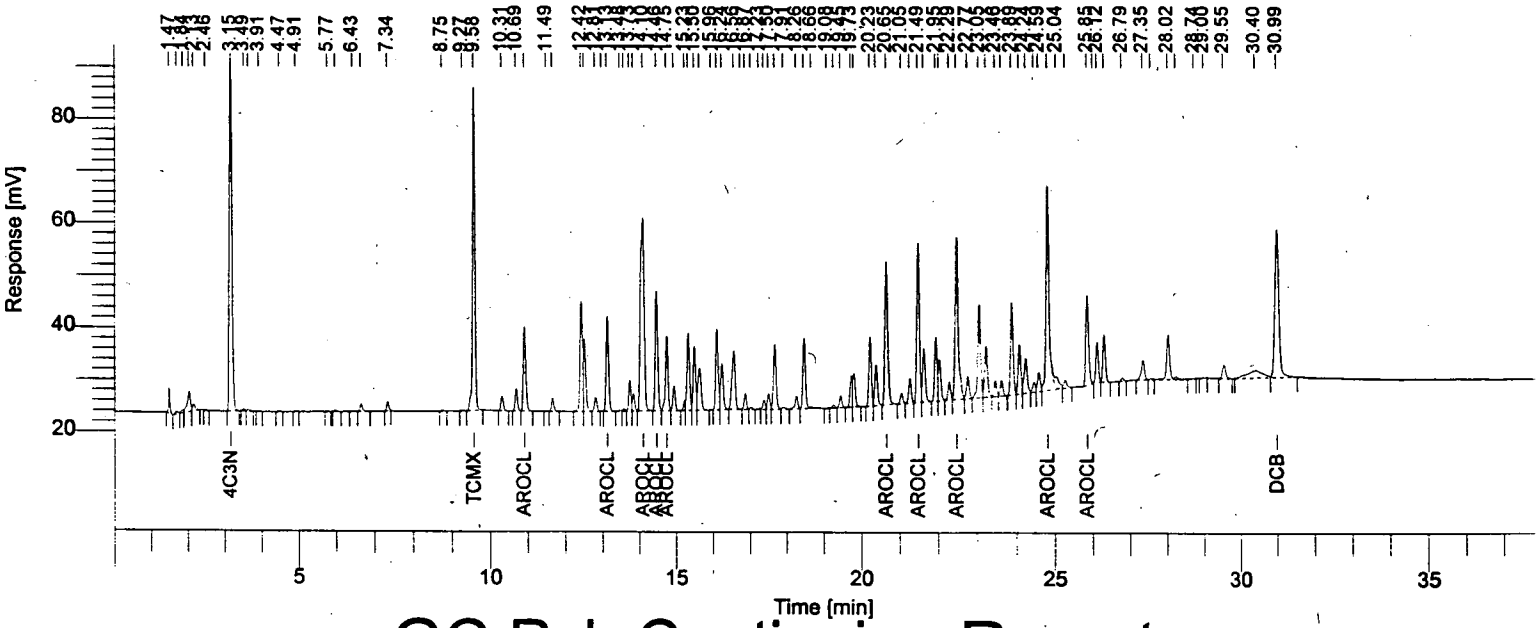
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



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
7	3.15	4C3N	345055	0.0582	0.050	16.5
20	9.58	TCMX	263096	0.0219	0.020	9.4
	14.10	AR1016	607531	0.2015	0.200	0.7
	24.81	AR1260	788484	0.1904	0.200	-4.8
100	30.99	DCB	215263	0.0200	0.020	-0.0
			2219430	0.4920		

05/18/98 11:44:22 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
23	10.91	Aroclor 1016-1	75386	0.2162	0.000	---
30	13.13	Aroclor 1016-2	86539	0.2072	0.000	---
35	14.10	Aroclor 1016-3	266304	0.1989	0.000	---
36	14.46	Aroclor 1016-4	110844	0.1980	0.000	---
37	14.75	Aroclor 1016-5	68458	0.1955	0.000	---
			607531	1.0157		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
65	20.65	Aroclor 1260-1	146588	0.1845	0.000	---
68	21.49	Aroclor 1260-2	149155	0.1795	0.000	---
73	22.48	Aroclor 1260-3	173821	0.1794	0.000	---
84	24.81	Aroclor 1260-4	225826	0.2161	0.000	---
87	25.85	Aroclor 1260-5	93095	0.1855	0.000	---
			788484	0.9450		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:44:28 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 117	Study	: CCV
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	: 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 12:30:53 PM	Cycle	: 117

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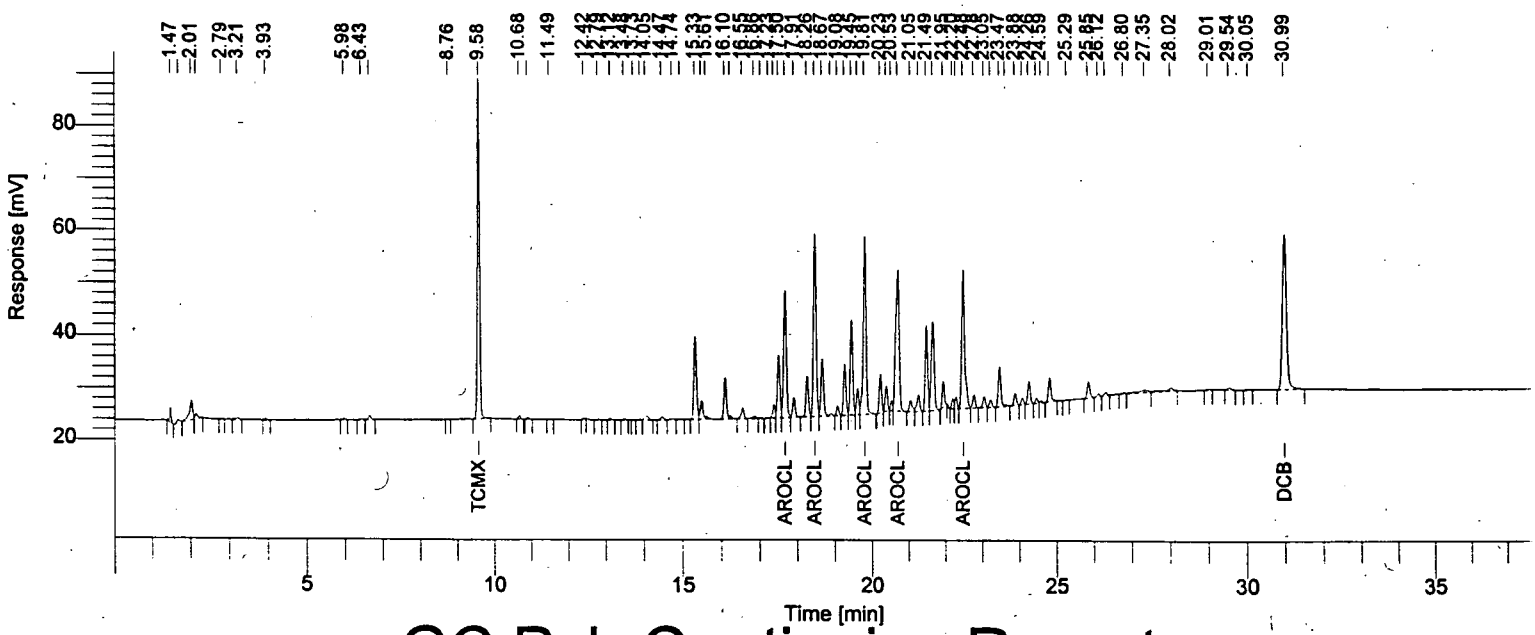

GC Pcb Continuing Report

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
12	9.58	TCMX	266719	0.0254	0.020	26.8
	18.47	AR1254	808122	0.1905	0.200	-4.8
81	30.99	DCB	223883	0.0207	0.020	3.6
			1298724	0.2365		

05/18/98 11:44:28 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
37	17.67	Aroclor 1254-1	125452	0.2009	0.000	---
40	18.47	Aroclor 1254-2	176364	0.1947	0.000	---
47	19.81	Aroclor 1254-3	176164	0.1922	0.000	---
51	20.71	Aroclor 1254-4	181923	0.1833	0.000	---
59	22.48	Aroclor 1254-5	148219	0.1844	0.000	---
			808122	0.9555		

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:26:11 AM
Operator	: NEARYR	Sample Name	: HEXANE
Sample Number	: 001	Study	:
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	: 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	: 05/13/98 14:37:52 PM	Cycle	: 1

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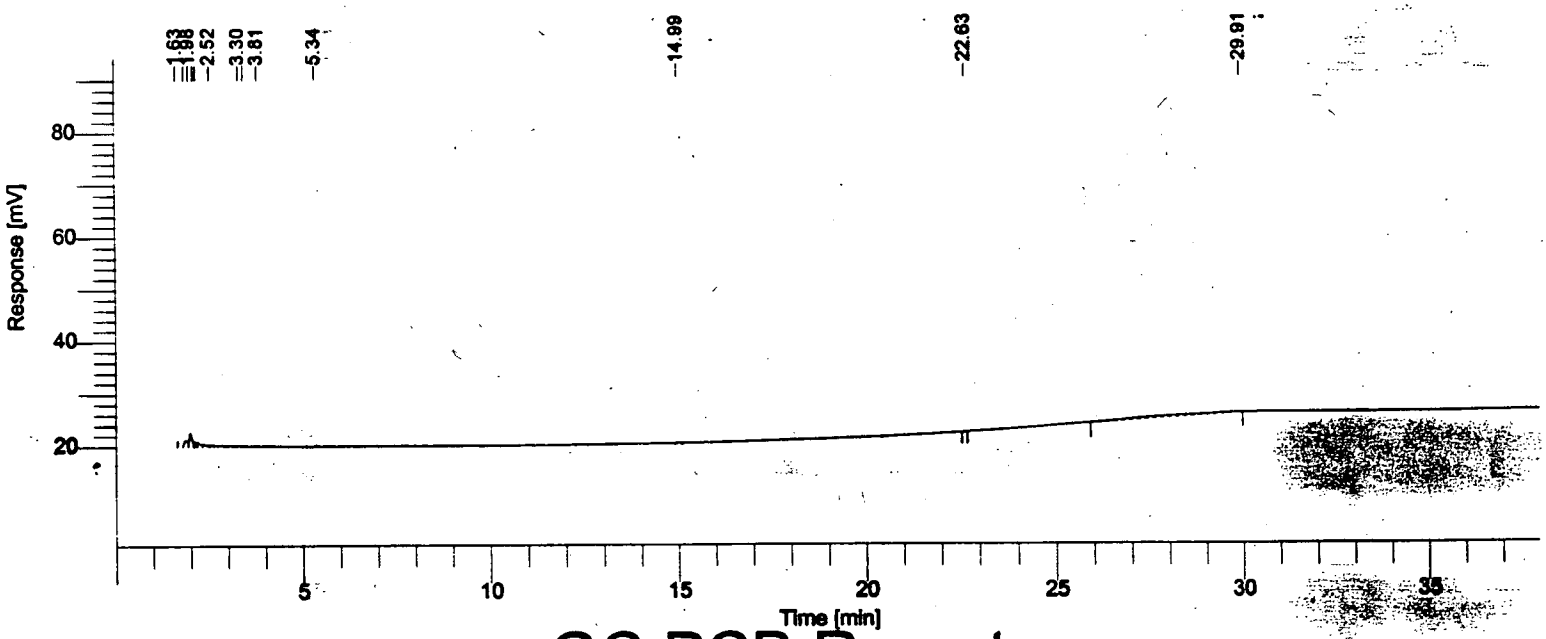
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC PCB 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 10:26:11 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 10:26:17 AM
Operator	: NEARYR	Sample Name	: 0.2UG/ML AR1660
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	: 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	: 05/13/98 15:20:31 PM	Cycle	: 2

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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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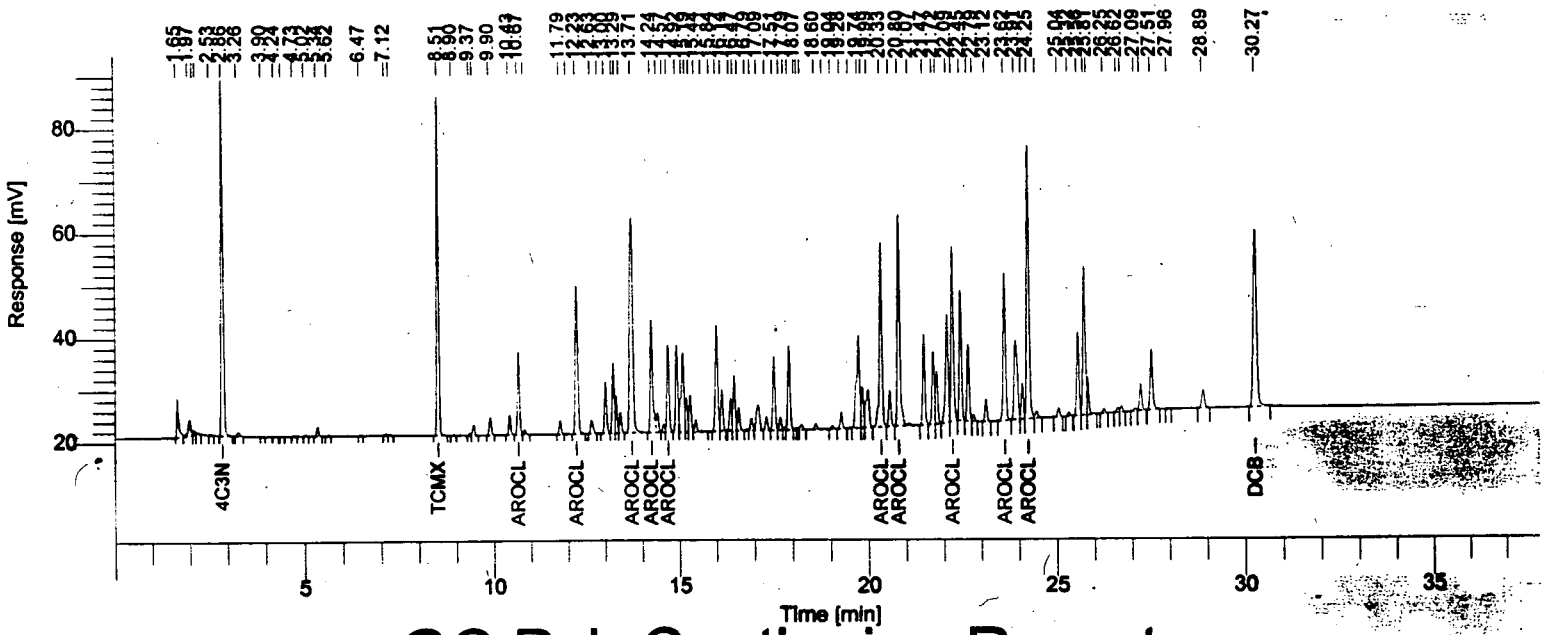

GC Pcb Continuing Report

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	271191	0.0519	0.050	3.7
18	8.51	TCMX	228825	0.0197	0.020	-1.3
	13.71	AR1016	631502	0.2051	0.200	2.6
	24.25	AR1260	866573	0.1977	0.200	-1.2
102	30.27	DCB	213242	0.0190	0.020	-5.0
			2211332	0.4934		

05/18/98 10:26:17 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
24	10.67	Aroclor 1016-1	63840	0.2068	0.000	—
28	12.23	Aroclor 1016-2	138721	0.2023	0.000	—
35	13.71	Aroclor 1016-3	259848	0.2082	0.000	—
36	14.24	Aroclor 1016-4	100759	0.2021	0.000	—
39	14.69	Aroclor 1016-5	68334	0.2021	0.000	—
			631502	1.0217		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
71	20.33	Aroclor 1260-1	169210	0.1955	0.000	—
73	20.80	Aroclor 1260-2	186603	0.1962	0.000	—
79	22.23	Aroclor 1260-3	148448	0.1964	0.000	—
84	23.62	Aroclor 1260-4	128383	0.2010	0.000	—
87	24.25	Aroclor 1260-5	233928	0.1996	0.000	—
			866573	0.9887		

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:26:23 AM
Operator	: NEARYR	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 003	Study	: 8082 CCV
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	: 05/13/98 16:03:11 PM	Cycle	: 3

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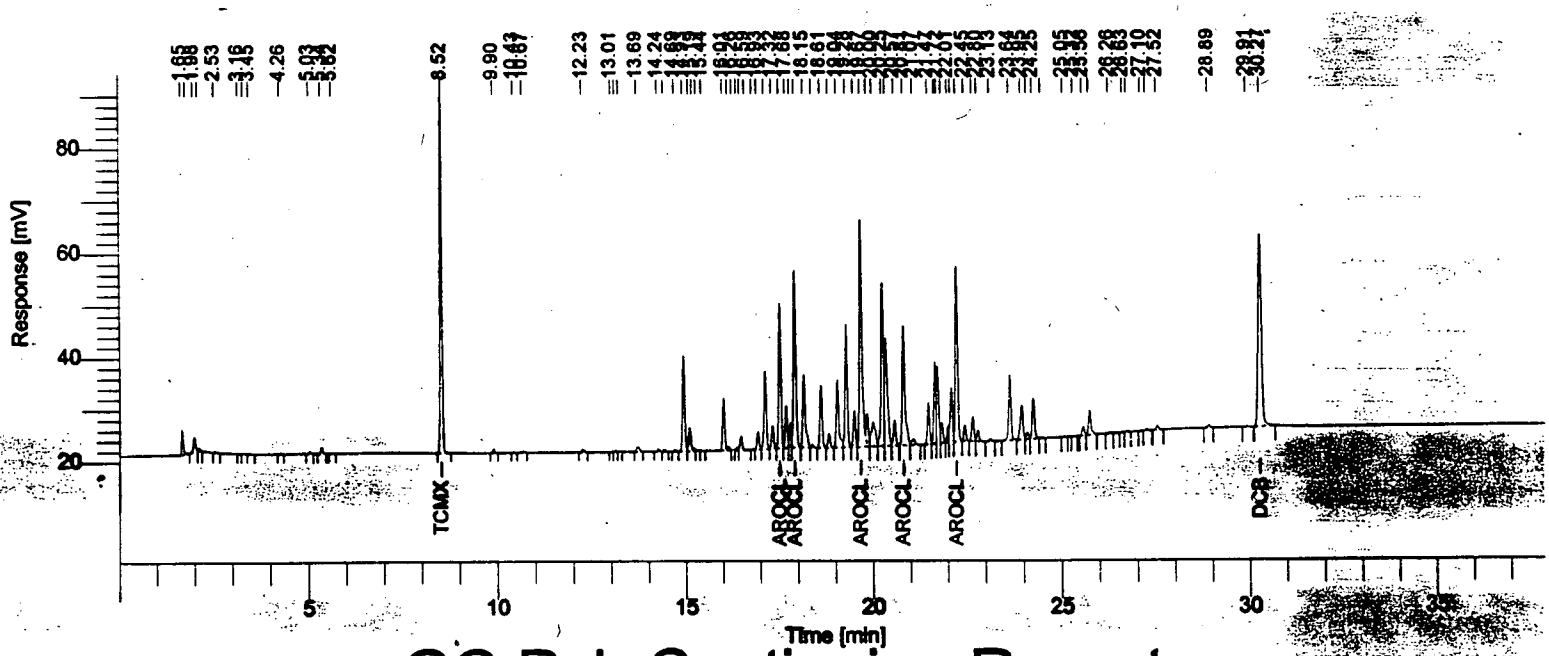

GC Pcb Continuing Report

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	247800	0.0229	0.020	14.4
	19.67	AR1254	736350	0.2005	0.200	0.3
87	30.27	DCB	229988	0.0199	0.020	-0.3
			1214138	0.2434		

05/18/98 10:26:23 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	17.52	Aroclor 1254-1	117664	0.2000	0.000	—
43	17.91	Aroclor 1254-2	149803	0.1975	0.000	—
51	19.67	Aroclor 1254-3	209454	0.2042	0.000	—
57	20.81	Aroclor 1254-4	113653	0.2011	0.000	—
65	22.24	Aroclor 1254-5	145776	0.1986	0.000	—
			736350	1.0014		

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:27:05 AM
Operator	: PFALZERJ	Sample Name	: HEXANE
Sample Number	: 010	Study	:
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	: 05/13/98 23:30:40 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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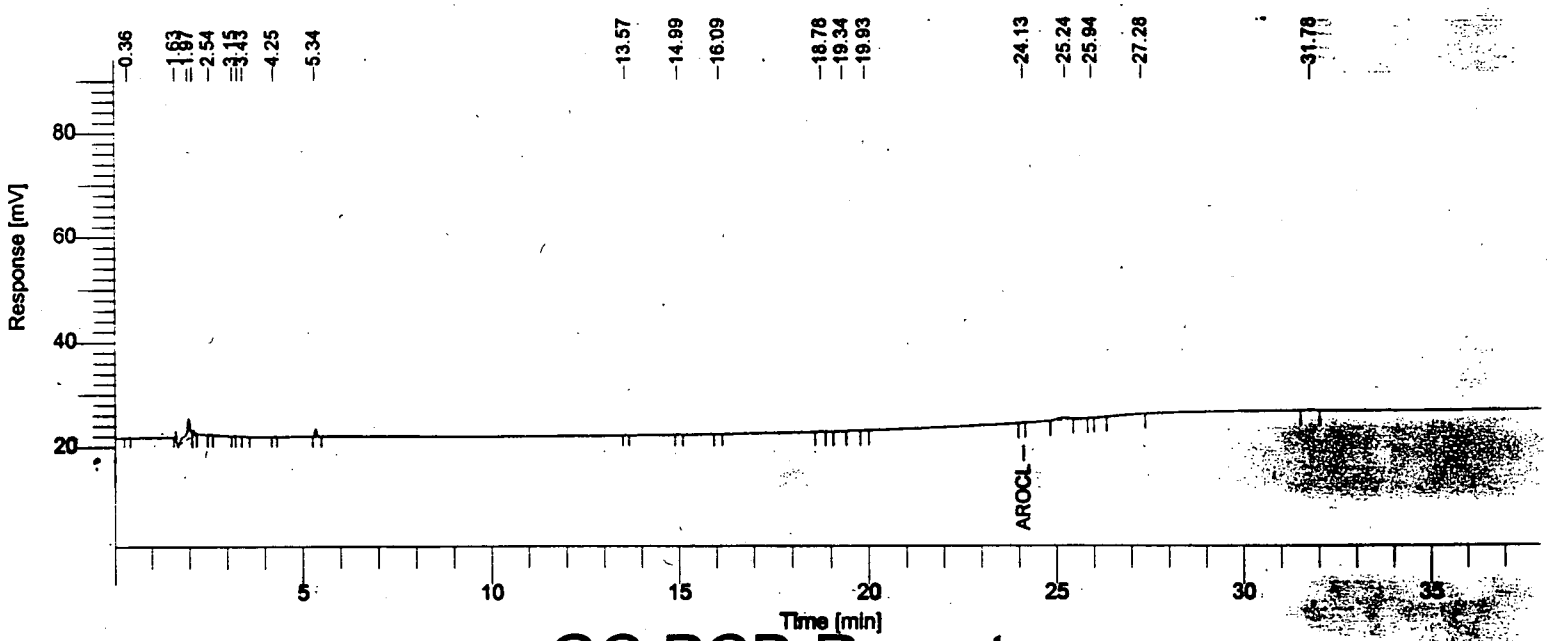

GC PCB Report

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

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	24.13	AR1260	334	0.0001

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 10:27:05 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
17	24.13	Aroclor 1260-5	334	0.0003

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:27:10 AM
Operator	: PFALZERJ	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 011	Study	: 8082 CCV
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	: 05/14/98 00:13:16 AM	Cycle	: 11

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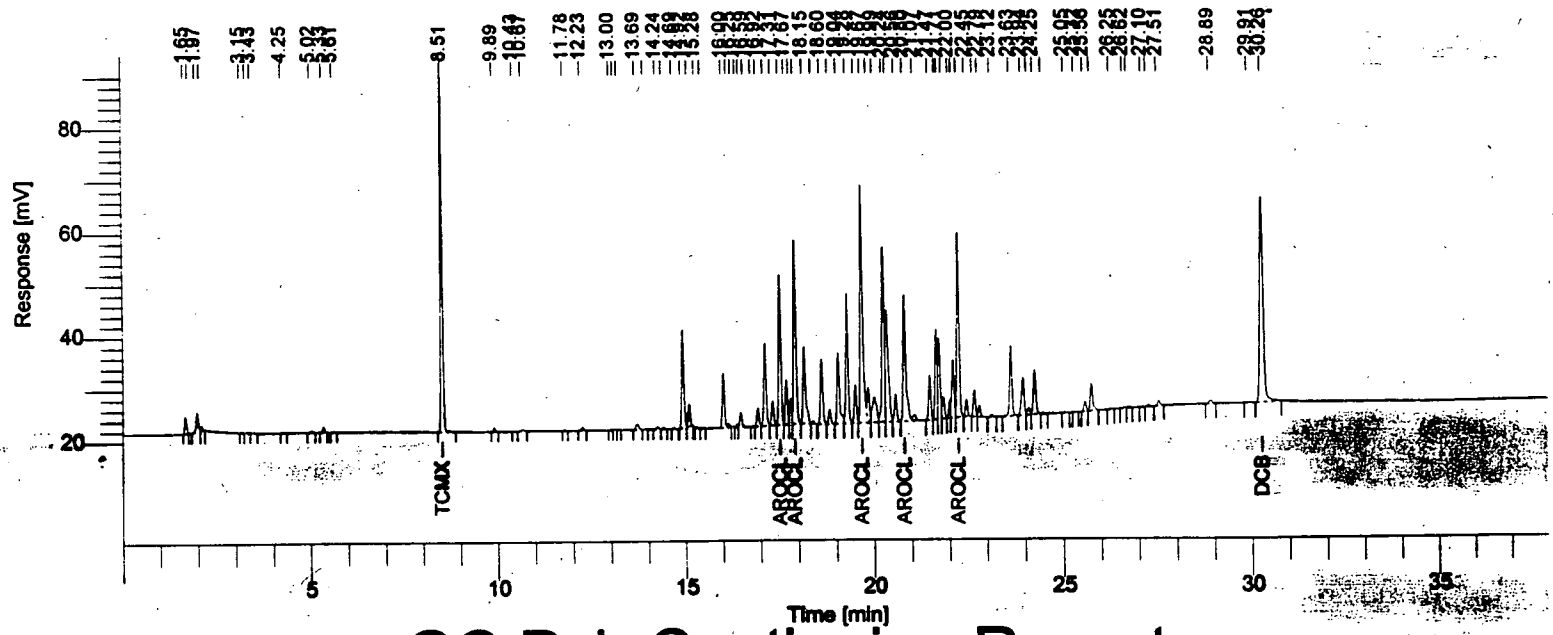
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



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
12	8.51	TCMX	251259	0.0232	0.020	16.0
	19.67	AR1254	774837	0.2110	0.200	5.5
87	30.26	DCB	256705	0.0223	0.020	11.3
			1282801	0.2565		

05/18/98 10:27:10 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	122479	0.2082	0.000	—
43	17.91	Aroclor 1254-2	156126	0.2058	0.000	—
51	19.67	Aroclor 1254-3	219361	0.2138	0.000	—
57	20.80	Aroclor 1254-4	121755	0.2155	0.000	—
65	22.23	Aroclor 1254-5	155116	0.2113	0.000	—
			774837	1.0547		

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:27:15 AM
Operator	: PFALZERJ	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 012	Study	: 8082 CCV
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	: 05/14/98 00:55:51 AM	Cycle	: 12

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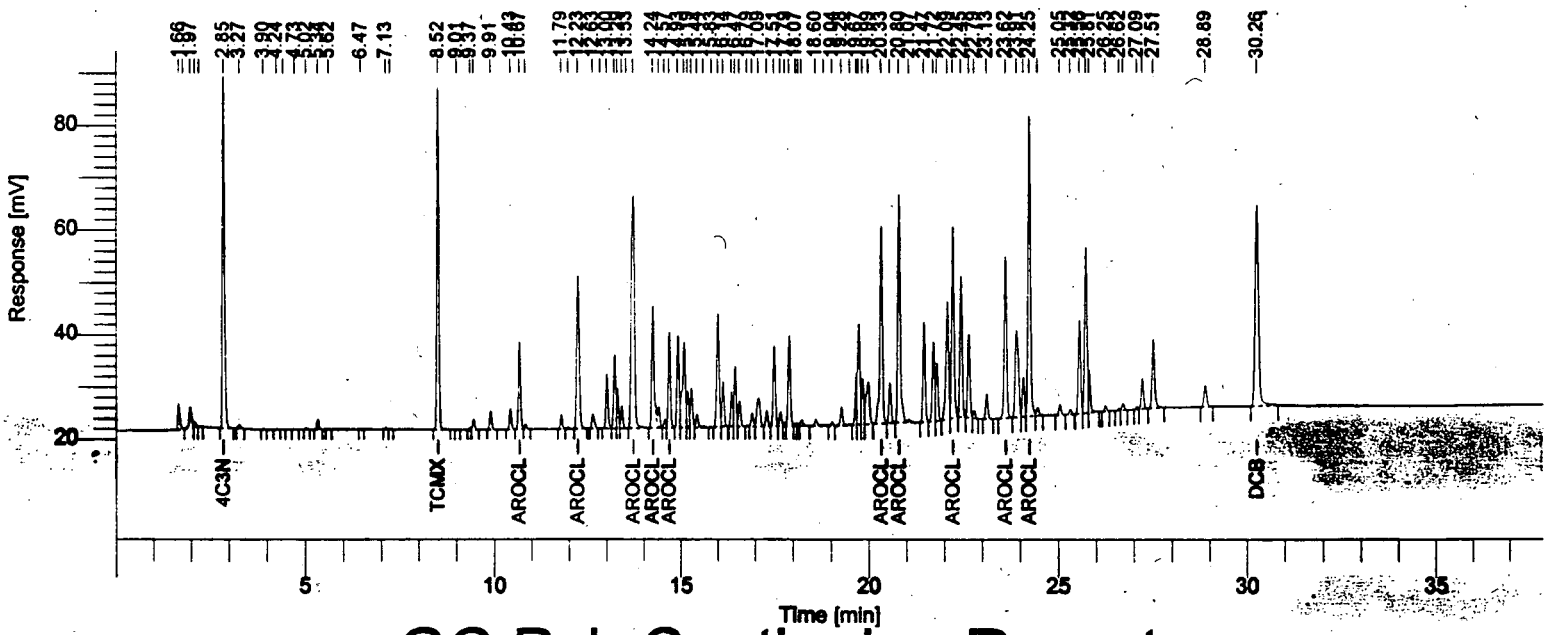

GC Pcb Continuing Report

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
6	2.85	4C3N	276686	0.0529	0.050	5.8
18	8.52	TCMX	235362	0.0203	0.020	1.5
	13.71	AR1016	671486	0.2181	0.200	9.1
	24.25	AR1260	943094	0.2152	0.200	7.6
103	30.26	DCB	246917	0.0220	0.020	10.1
			2373545	0.5285		

05/18/98 10:27:15 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
24	10.67	Aroclor 1016-1	66613	0.2158	0.000	—
28	12.23	Aroclor 1016-2	143992	0.2100	0.000	—
36	13.71	Aroclor 1016-3	279023	0.2236	0.000	—
37	14.24	Aroclor 1016-4	107753	0.2162	0.000	—
40	14.69	Aroclor 1016-5	74104	0.2192	0.000	—
			671486	1.0848		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
73	20.33	Aroclor 1260-1	182266	0.2106	0.000	—
75	20.80	Aroclor 1260-2	202311	0.2127	0.000	—
81	22.23	Aroclor 1260-3	161799	0.2141	0.000	—
86	23.62	Aroclor 1260-4	139431	0.2183	0.000	—
89	24.25	Aroclor 1260-5	257288	0.2195	0.000	—
			943094	1.0751		

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:56:36 AM
Operator	: PFALZERJ	Sample Name	: HEXANE
Sample Number	: 022	Study	:
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	: 37.94 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 09:29:19 AM	Cycle	: 22

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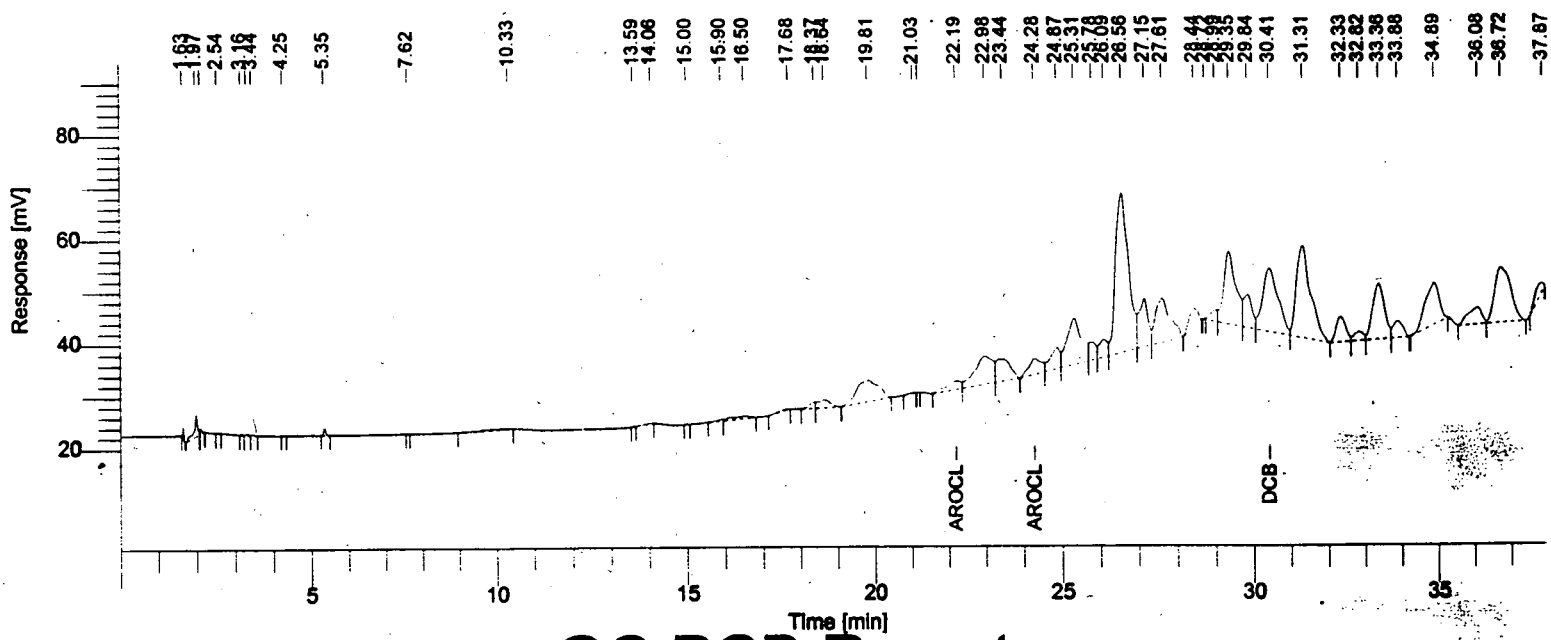

GC PCB Report

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

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	24.28	AR1260	112806	0.0257
39	30.41	DCB	347723	0.0310

05/18/98 10:56:36 AM Result:
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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

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
23	22.19	Aroclor 1260-3	43272	0.0572
0	23.62	Aroclor 1260-4	0	0.0000
26	24.28	Aroclor 1260-5	69534	0.0593

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:56:41 AM
Operator	: PFALZERJ	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 023	Study	: 8082 CCV
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	: 37.95 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	: 05/14/98 10:11:51 AM	Cycle	: 23

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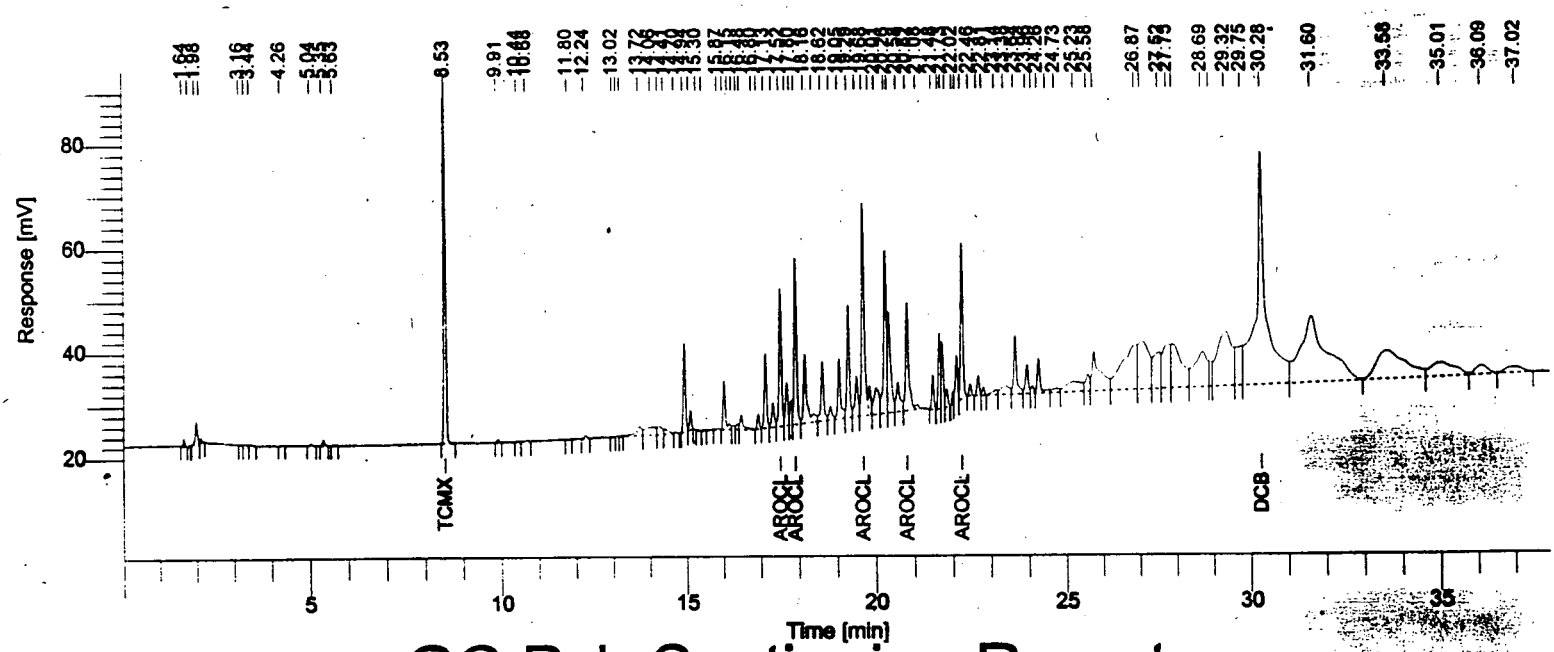

GC Pcb Continuing Report

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
12	8.53	TCMX	260998	0.0241	0.020	20.4
	19.68	AR1254	702879	0.1914	0.200	-4.3
89	30.28	DCB	822181	0.0713	0.020	256.5
			1786057	0.2868		

05/18/98 10:56:41 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	17.52	Aroclor 1254-1	120346	0.2046	0.000	—
43	17.92	Aroclor 1254-2	142896	0.1884	0.000	—
51	19.68	Aroclor 1254-3	200121	0.1951	0.000	—
57	20.82	Aroclor 1254-4	111139	0.1967	0.000	—
65	22.24	Aroclor 1254-5	128376	0.1749	0.000	—
			702879	0.9596		

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:56:47 AM
Operator	: PFALZERJ	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 024	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/24
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	: 05/14/98 11:15:06 AM	Cycle	: 24

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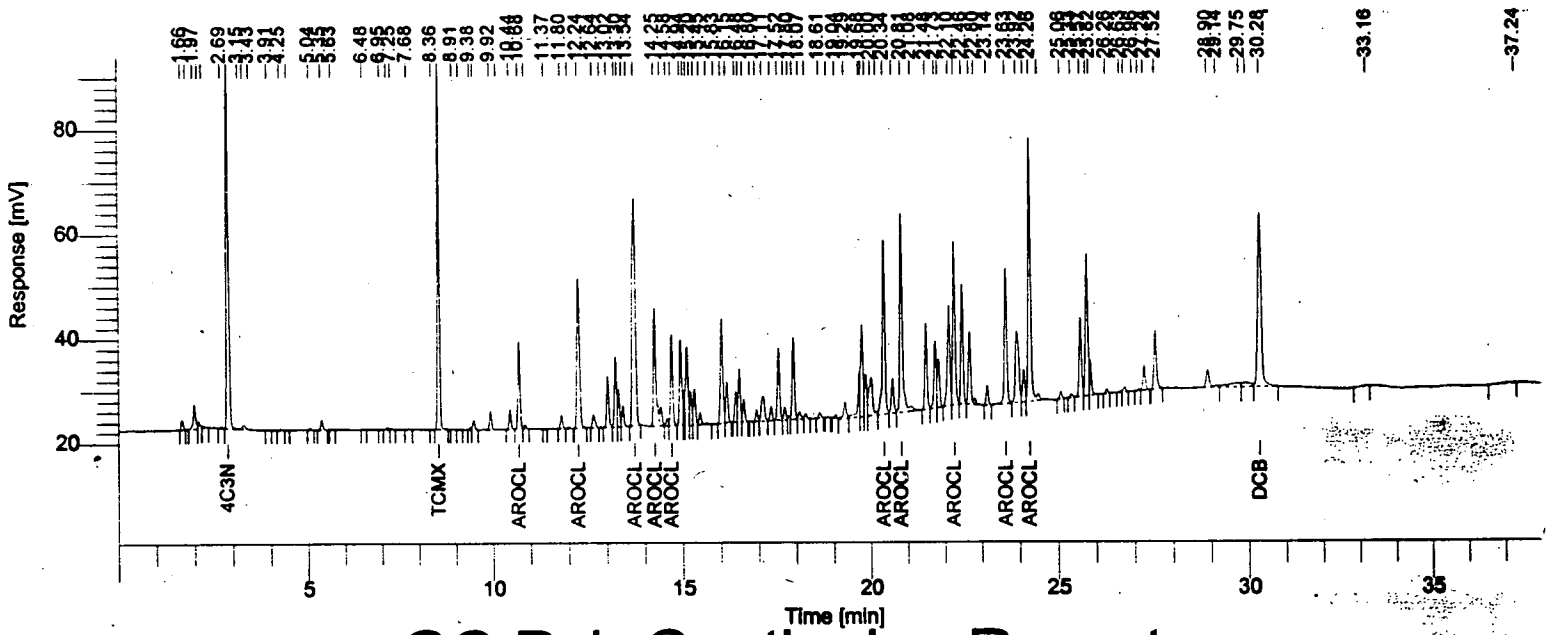

GC Pcb Continuing Report

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
7	2.86	4C3N	292806	0.0560	0.050	12.0
23	8.53	TCMX	243377	0.0210	0.020	5.0
	13.73	AR1016	644381	0.2093	0.200	4.6
	24.26	AR1260	825481	0.1883	0.200	-5.8
115	30.28	DCB	219910	0.0196	0.020	-2.0
			2225955	0.4942		

05/18/98 10:56:47 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	10.68	Aroclor 1016-1	66181	0.2144	0.000	---
36	12.24	Aroclor 1016-2	140778	0.2054	0.000	---
44	13.73	Aroclor 1016-3	264092	0.2116	0.000	---
45	14.25	Aroclor 1016-4	103265	0.2072	0.000	---
48	14.70	Aroclor 1016-5	70064	0.2072	0.000	---
			644381	1.0458		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
81	20.34	Aroclor 1260-1	163078	0.1884	0.000	---
83	20.81	Aroclor 1260-2	183564	0.1930	0.000	---
89	22.24	Aroclor 1260-3	137163	0.1815	0.000	---
94	23.63	Aroclor 1260-4	119107	0.1865	0.000	---
97	24.26	Aroclor 1260-5	222569	0.1899	0.000	---
			825481	0.9392		

Software Version	: 6.0.2:G11	Date	: 05/18/98 10:56:53 AM
Operator	: PFALZERJ	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 025	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/25
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 11:57:41 AM	Cycle	: 25

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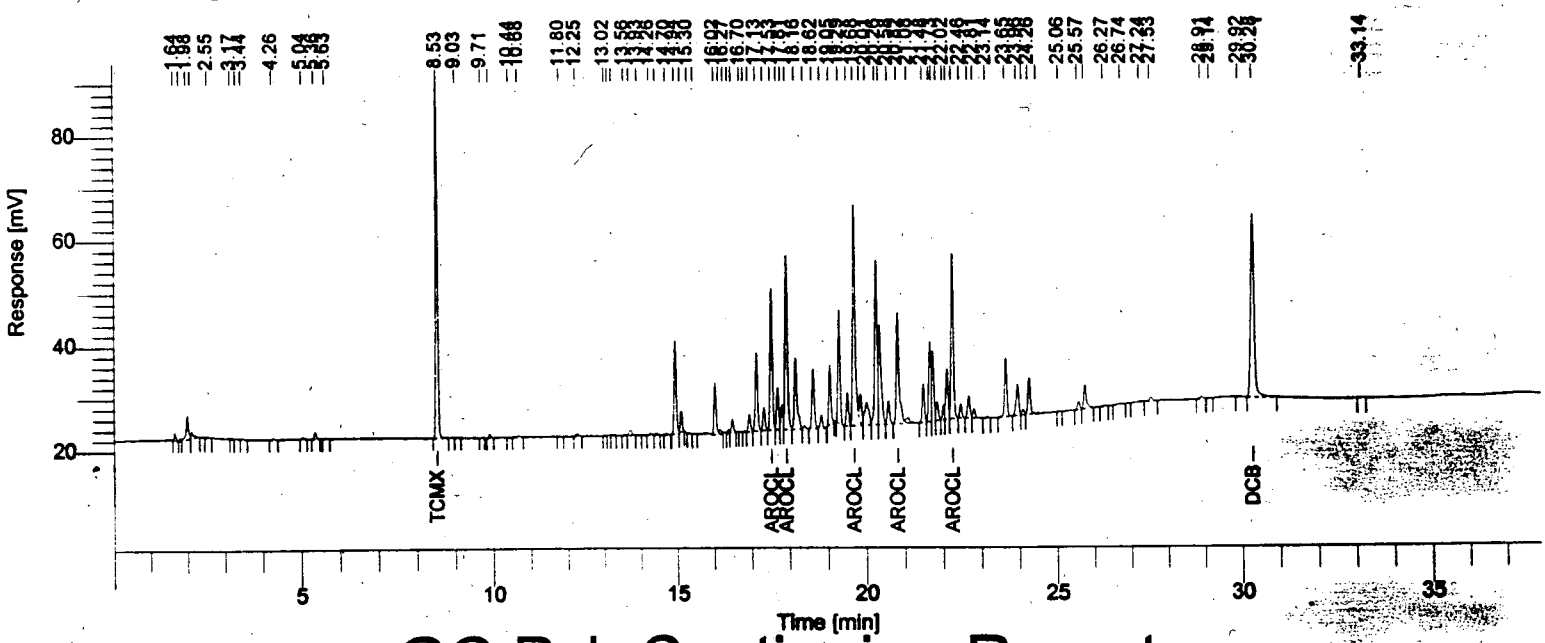
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_025.rst
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_025.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
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	8.53	TCMX	256700	0.0237	0.020	18.5
	19.68	AR1254	704384	0.1918	0.200	-4.1
89	30.28	DCB	228132	0.0198	0.020	-1.1
			1189216	0.2353		

05/18/98 10:56:53 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	17.53	Aroclor 1254-1	115504	0.1964	0.000	—
47	17.92	Aroclor 1254-2	148702	0.1960	0.000	—
55	19.68	Aroclor 1254-3	197425	0.1925	0.000	—
61	20.82	Aroclor 1254-4	107993	0.1911	0.000	—
69	22.25	Aroclor 1254-5	134760	0.1836	0.000	—
			704384	0.9596		

Software Version	: 6.0.2:G11	Date	: 05/26/98 11:47:01 AM
Operator	: PFALZERJ	Sample Name	: HEXANE
Sample Number	: 027	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/27
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 13:23:01 PM	Cycle	: 27

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_027.raw
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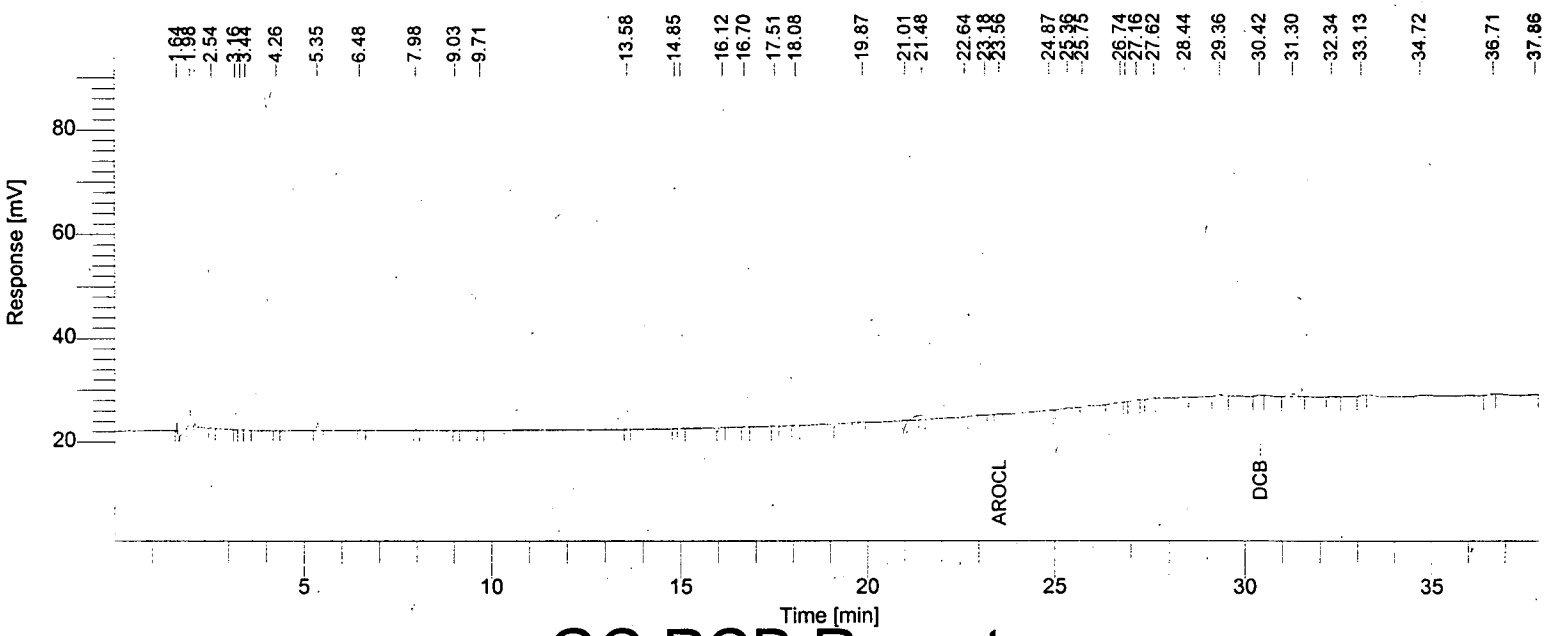
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_027.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_027.rst
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_027.rst
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
	23.56	AR1260	423	0.0001
36	30.42	DCB	1021	0.0001

05/26/98 11:47:01 AM Result:
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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

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
26	23.56	Aroclor 1260-4	423	0.0007
0	24.24	Aroclor 1260-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/19/98 12:57:56 PM
Operator	: PFALZERJ	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 028	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/28
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	: 05/14/98 14:05:41 PM	Cycle	: 28

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_028.raw
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_028.rst
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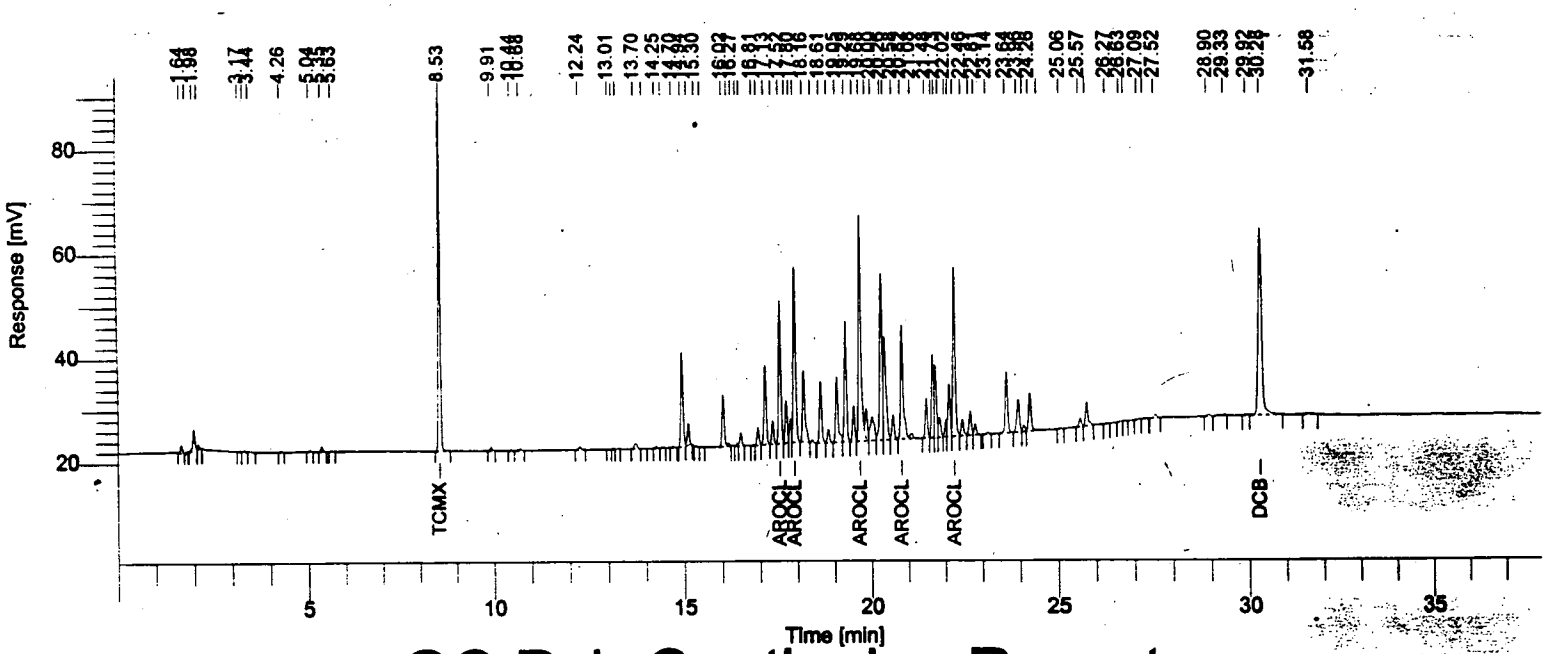
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



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
12	8.53	TCMX	253688	0.0234	0.020	17.1
	19.68	AR1254	722892	0.1969	0.200	-1.6
85	30.28	DCB	237676	0.0206	0.020	3.1
			1214256	0.2409		

05/19/98 12:57:56 PM Result:
\\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_028.rst

Group Report For : AR1254

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
38	17.52	Aroclor 1254-1	117071	0.1990	0.000	—
41	17.92	Aroclor 1254-2	147744	0.1948	0.000	—
49	19.68	Aroclor 1254-3	204897	0.1997	0.000	—
55	20.82	Aroclor 1254-4	110441	0.1954	0.000	—
63	22.24	Aroclor 1254-5	142738	0.1944	0.000	—
			722892	0.9834		

Software Version	: 6.0.2:G11	Date	: 05/19/98 12:57:59 PM
Operator	: PFALZERJ	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 029	Study	: 8082 CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/29
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 14:48:17 PM	Cycle	: 29

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_029.raw
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_029.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
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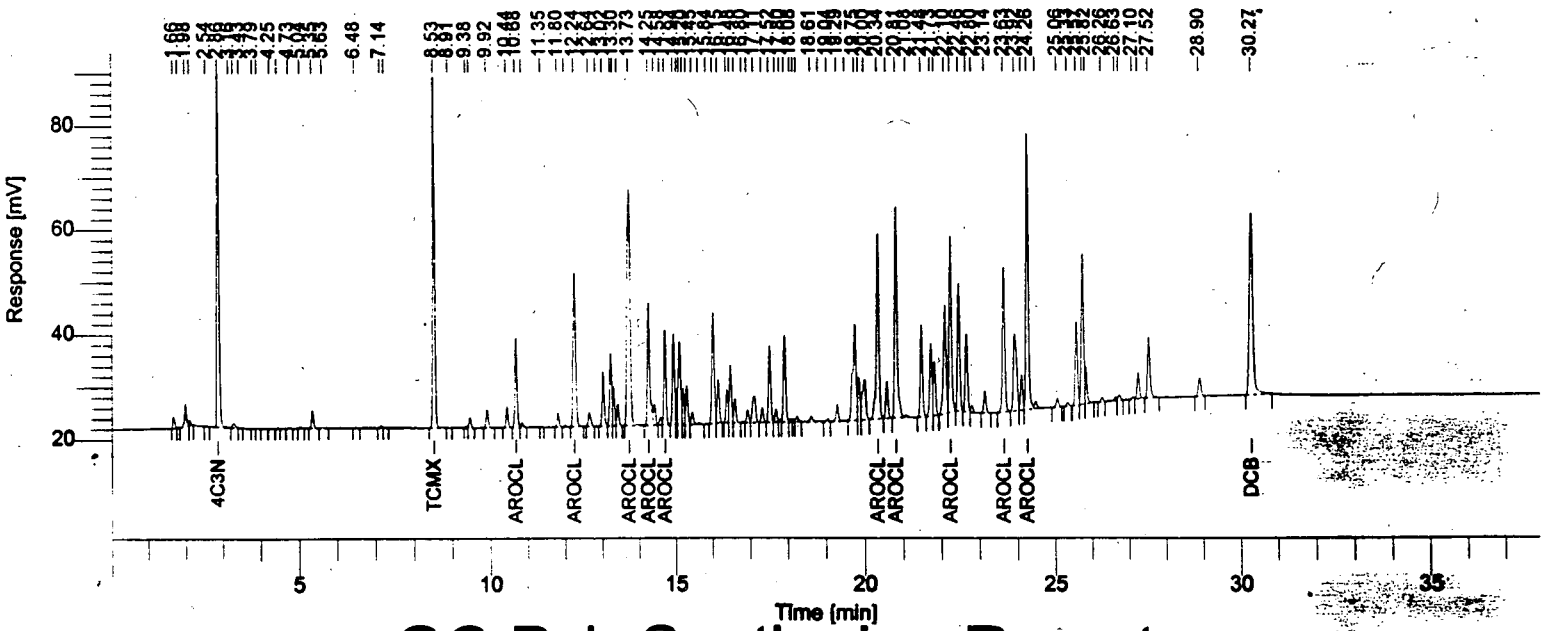

GC Pcb Continuing Report

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
6	2.86	4C3N	288978	0.0553	0.050	10.5
21	8.53	TCMX	243720	0.0210	0.020	5.1
	13.73	AR1016	673775	0.2188	0.200	9.4
	24.26	AR1260	862343	0.1967	0.200	-1.6
106	30.27	DCB	228307	0.0204	0.020	1.8
			2297124	0.5122		

05/19/98 12:57:59 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
27	10.68	Aroclor 1016-1	67661	0.2192	0.000	—
32	12.24	Aroclor 1016-2	144709	0.2111	0.000	—
39	13.73	Aroclor 1016-3	279639	0.2241	0.000	—
40	14.25	Aroclor 1016-4	108022	0.2167	0.000	—
43	14.70	Aroclor 1016-5	73745	0.2181	0.000	—
			673775	1.0892		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
76	20.34	Aroclor 1260-1	170566	0.1971	0.000	—
78	20.81	Aroclor 1260-2	187686	0.1973	0.000	—
84	22.24	Aroclor 1260-3	147003	0.1945	0.000	—
89	23.63	Aroclor 1260-4	124146	0.1944	0.000	—
92	24.26	Aroclor 1260-5	232942	0.1988	0.000	—
			862343	0.9820		

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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Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_039.rst
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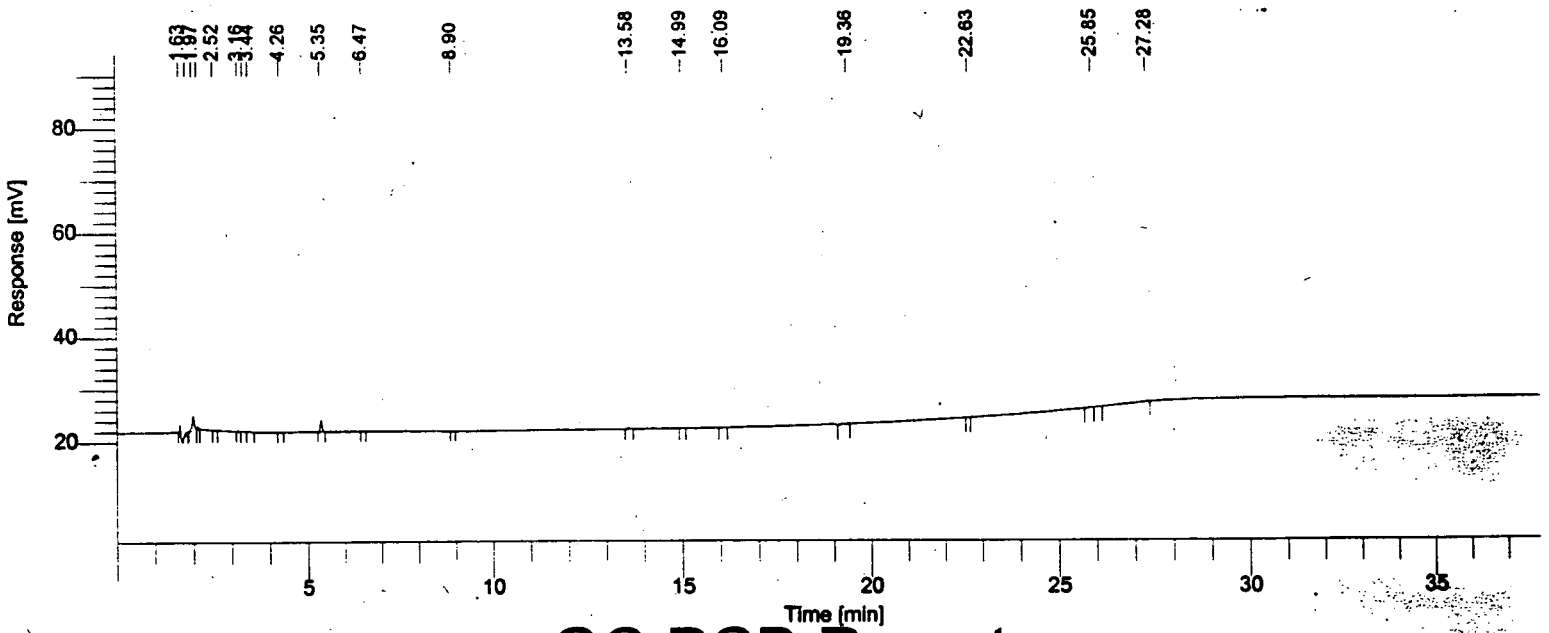

GC PCB Report

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

05/18/98 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

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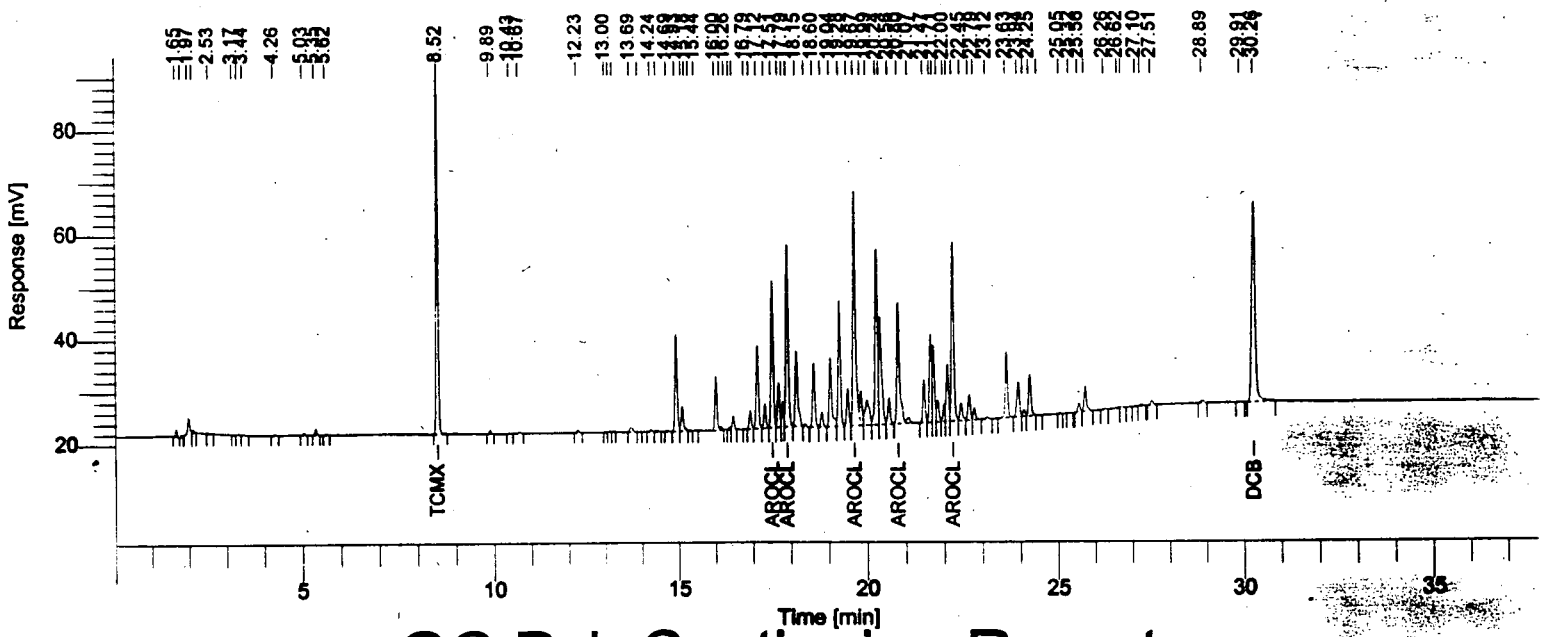

GC Pcb Continuing Report

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	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

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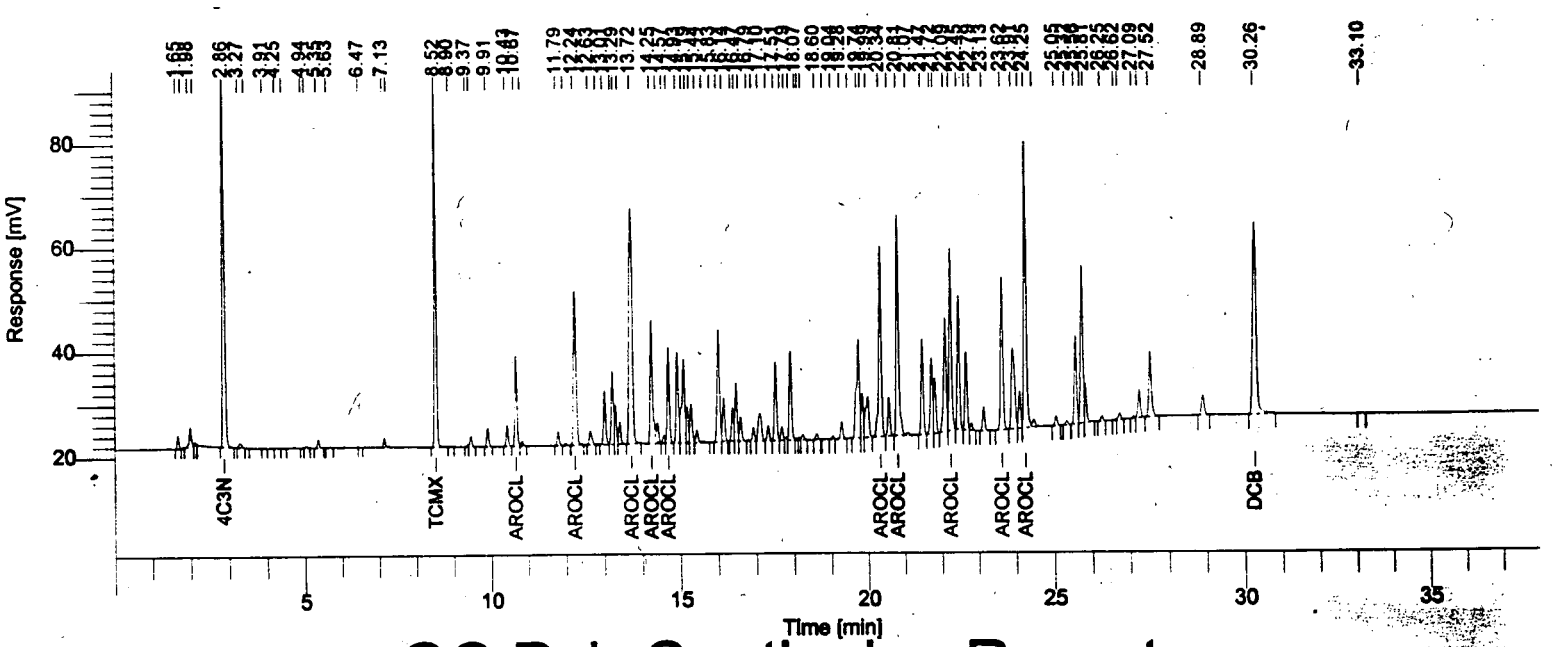
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



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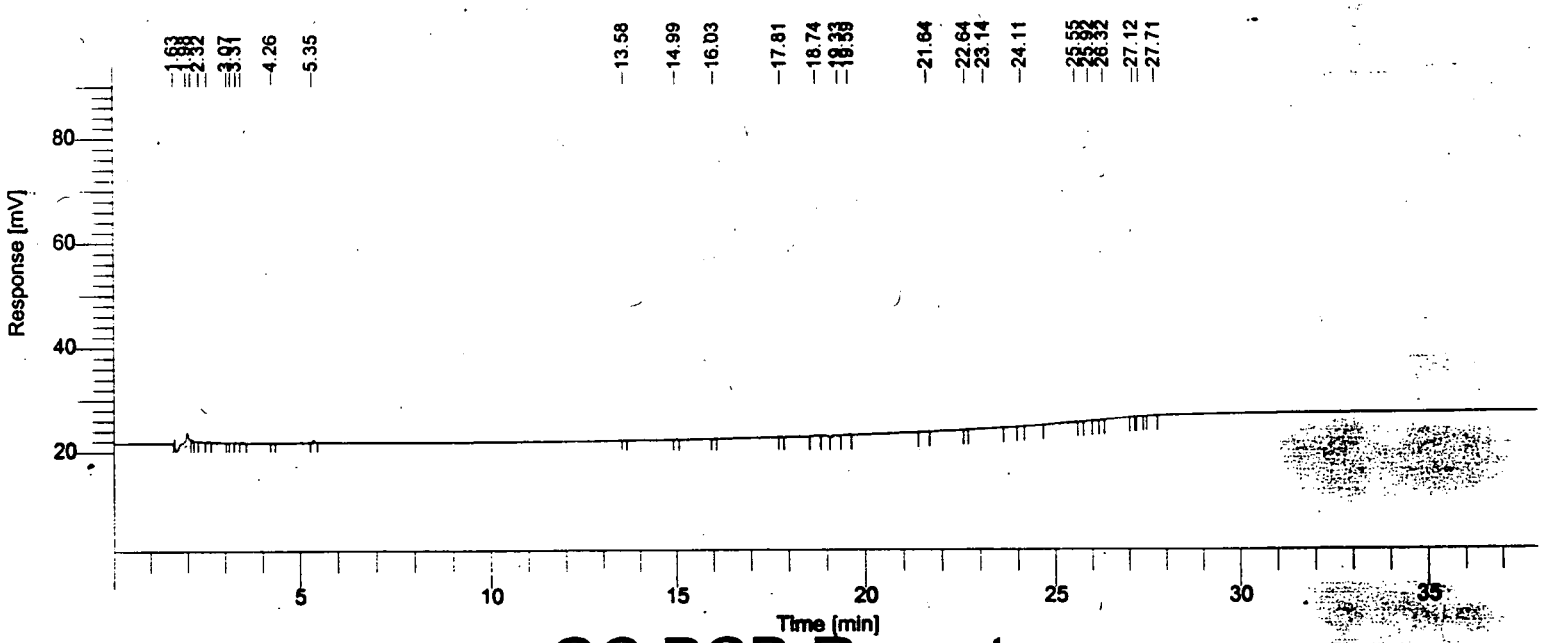

GC PCB Report

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

05/18/98 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

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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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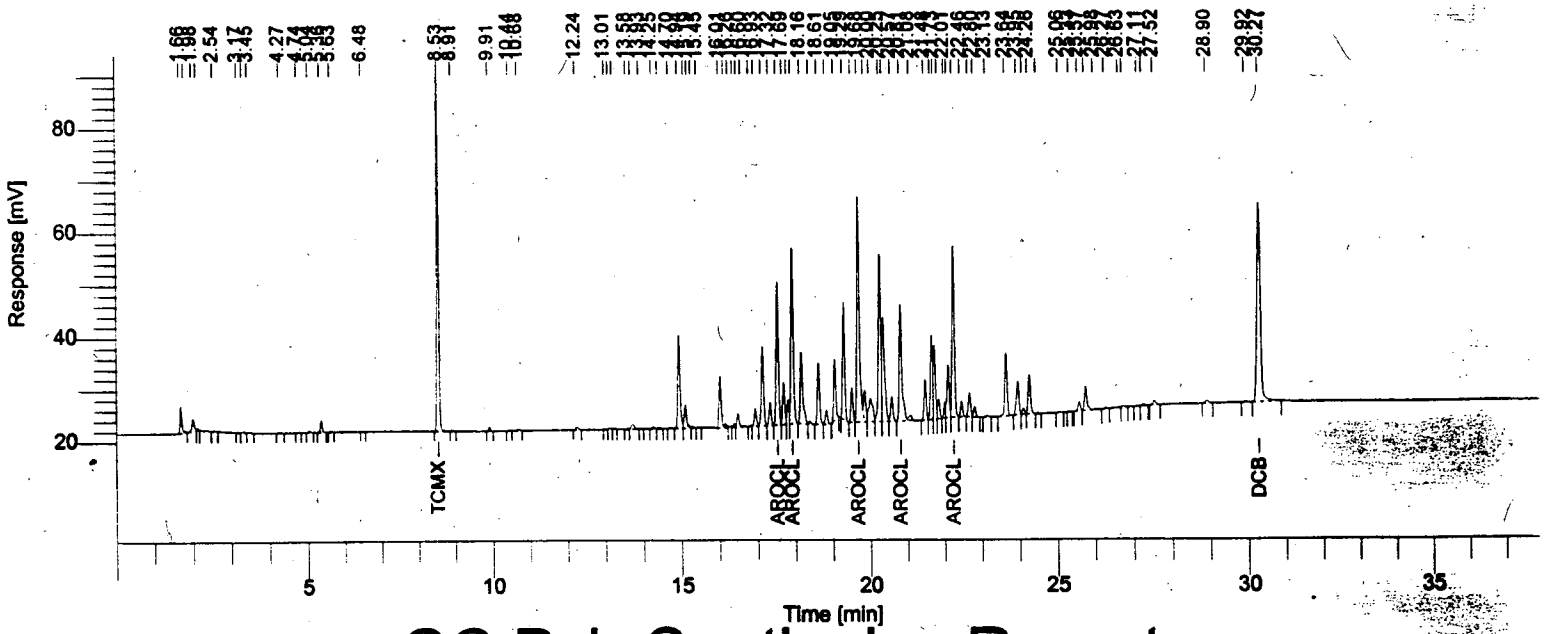

GC Pcb Continuing Report

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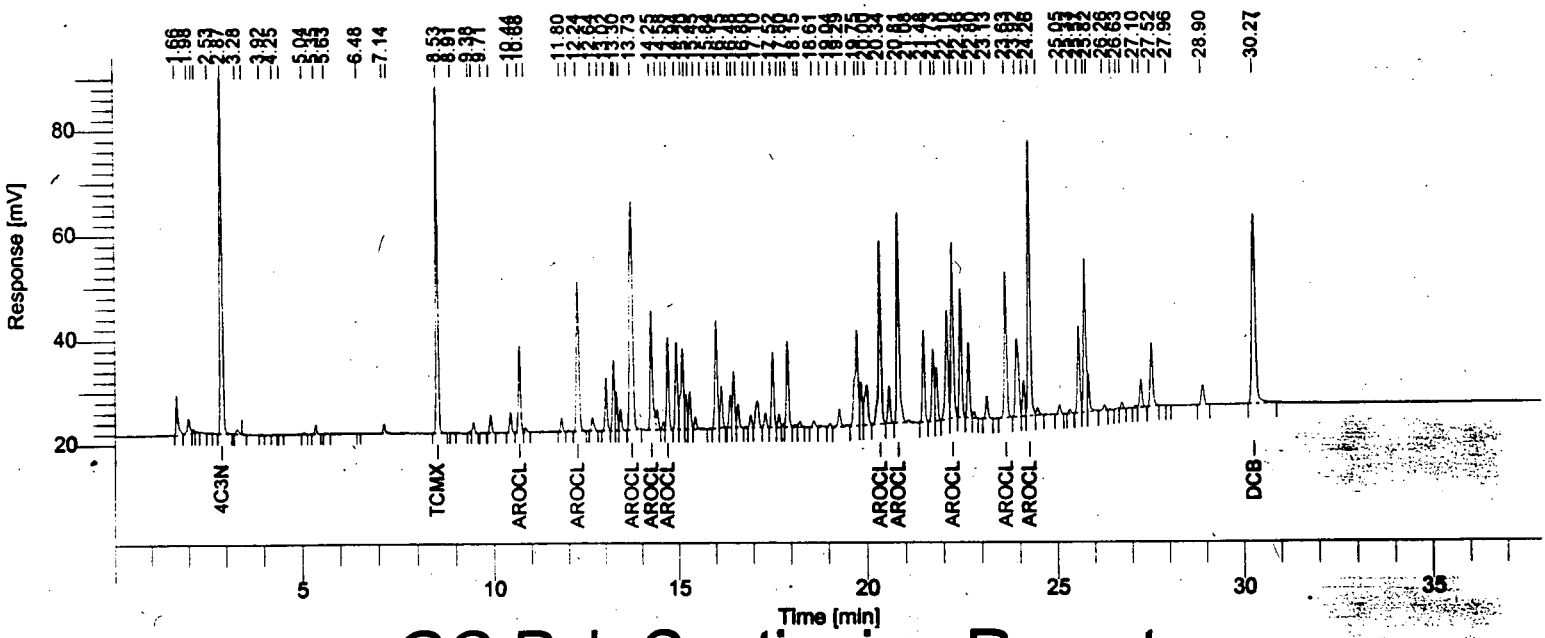

GC Pcb Continuing Report

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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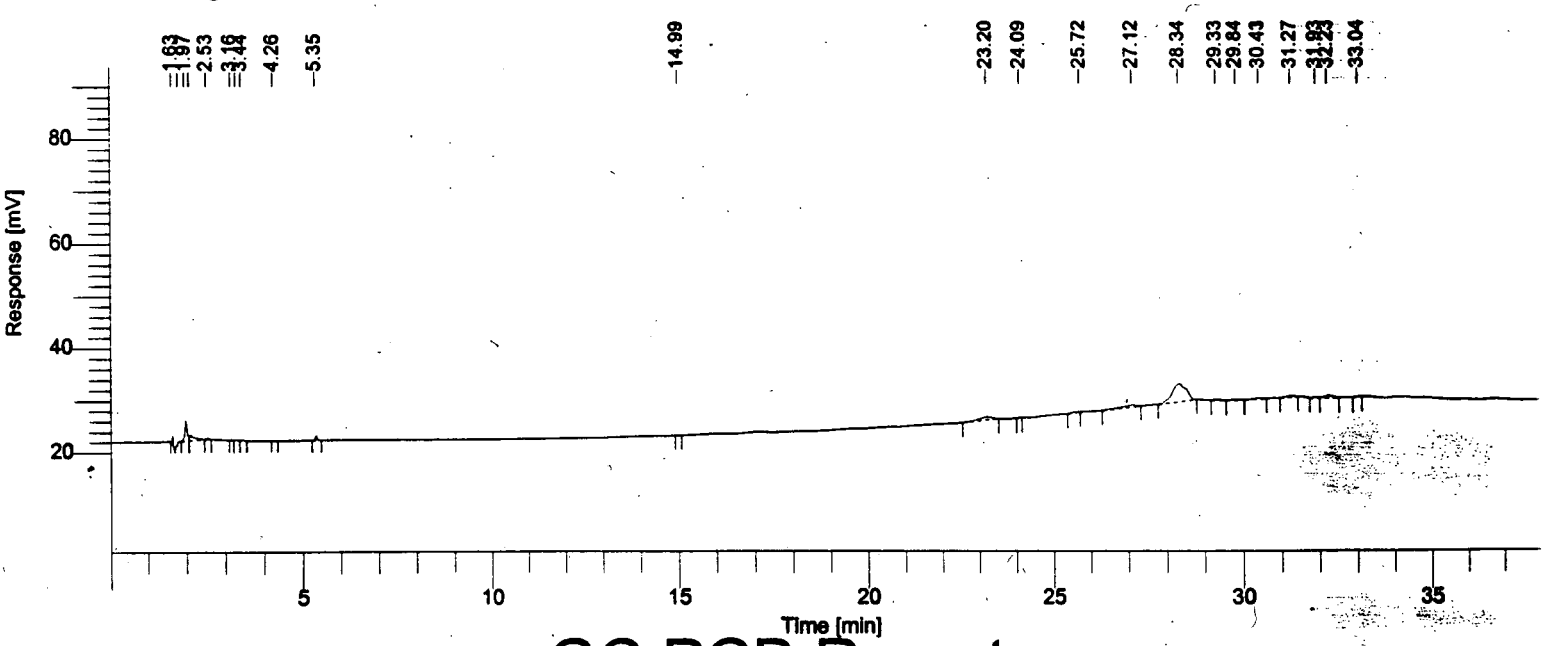

GC PCB Report

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

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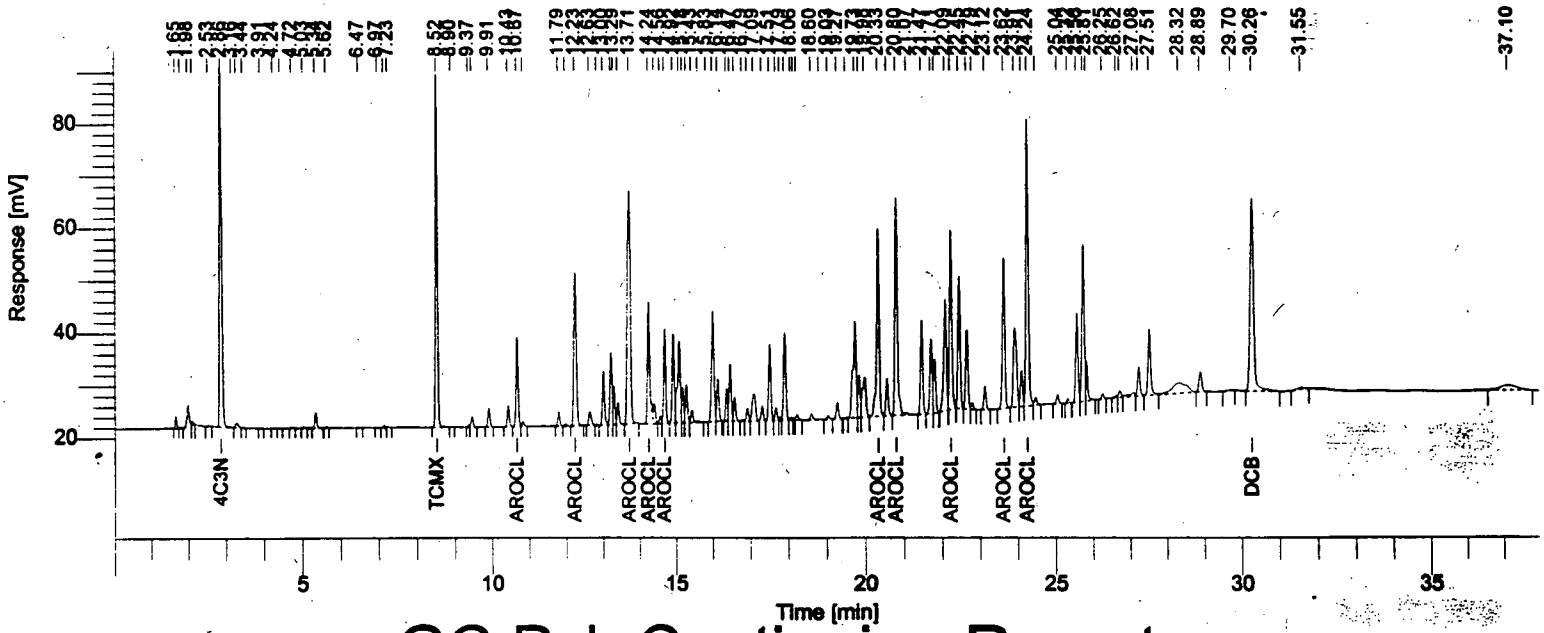
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



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
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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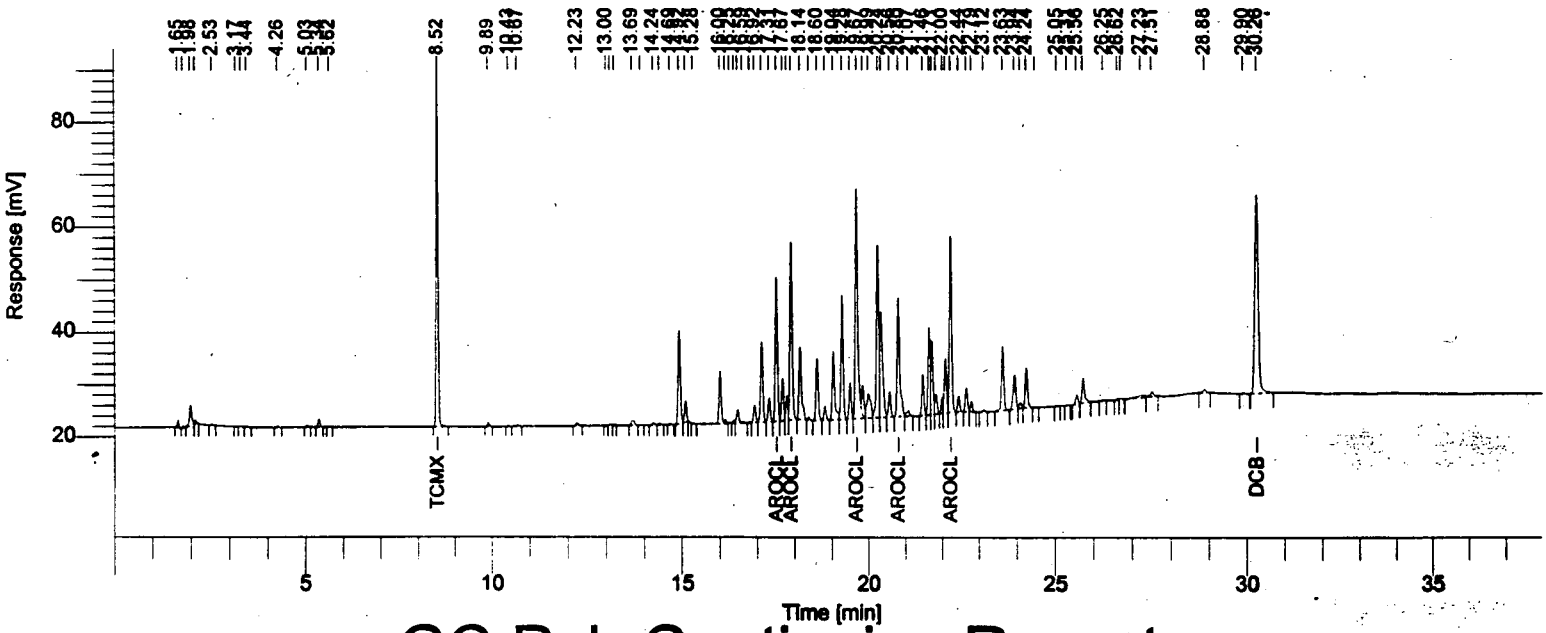

GC Pcb Continuing Report

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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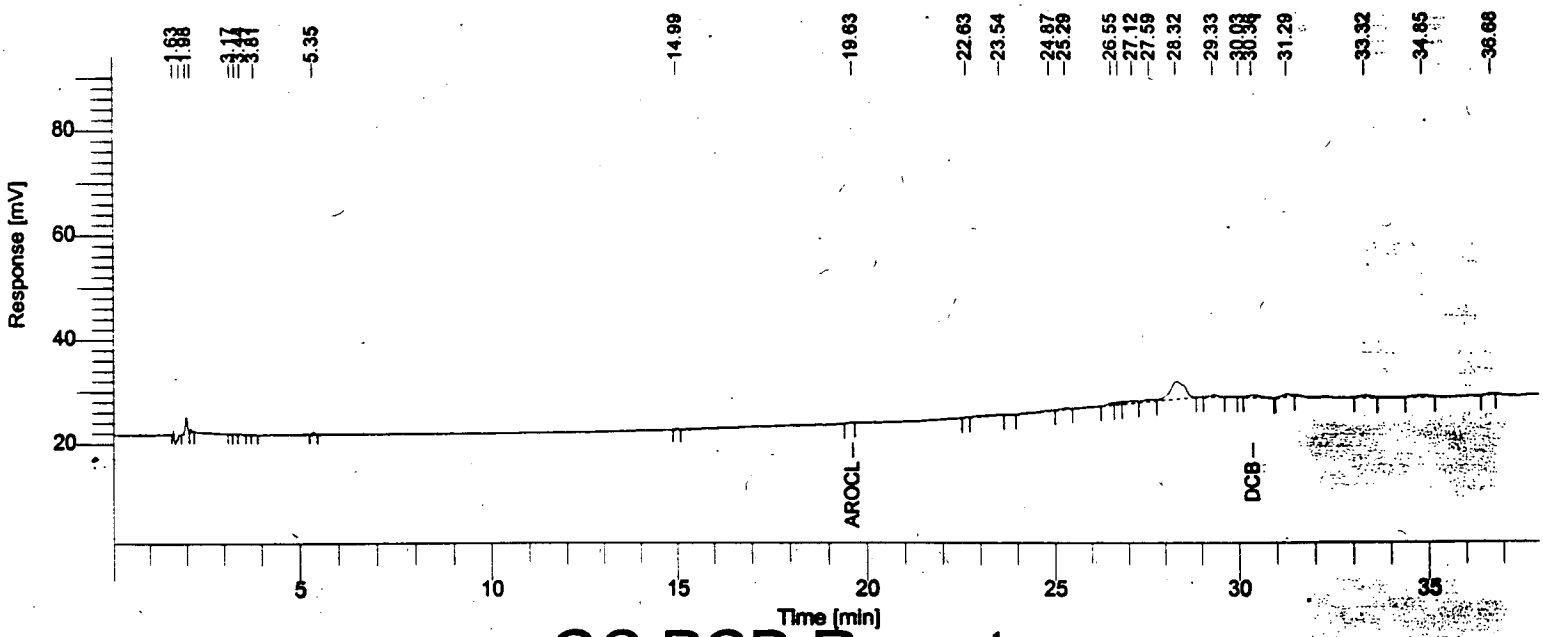

GC PCB Report

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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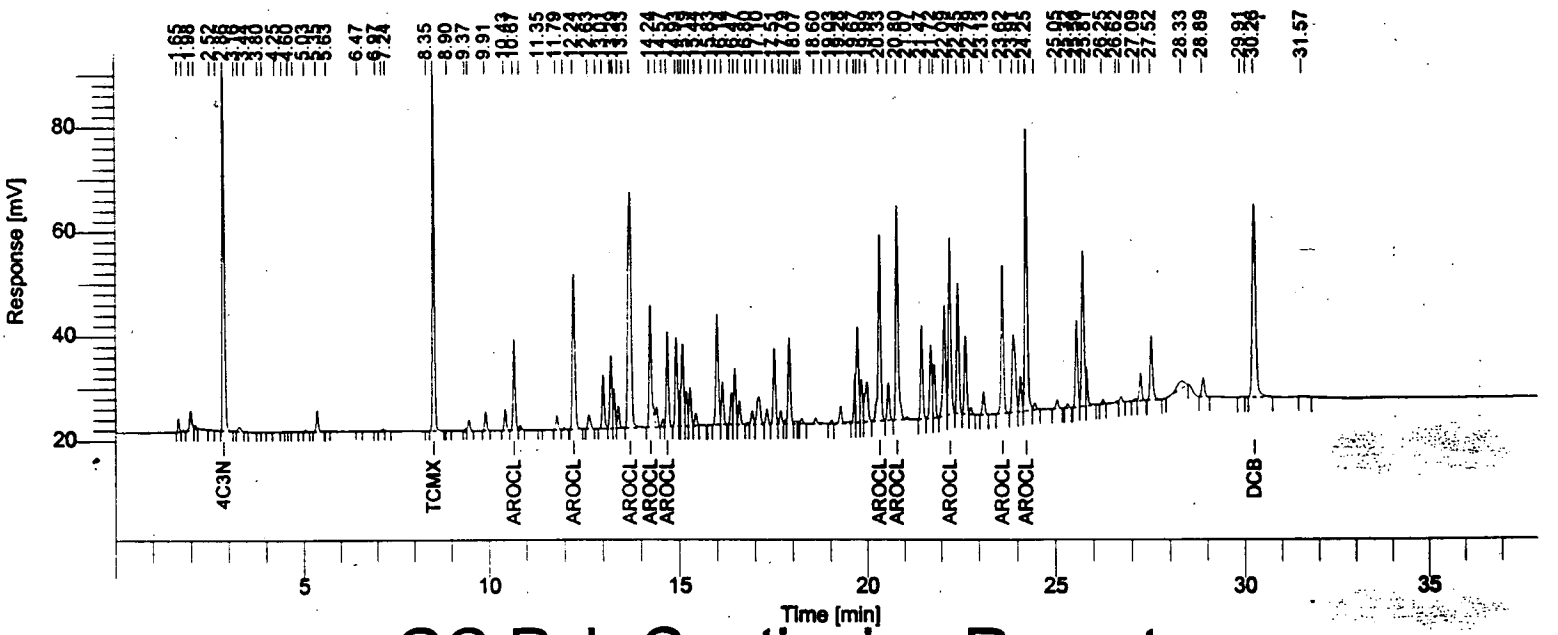
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



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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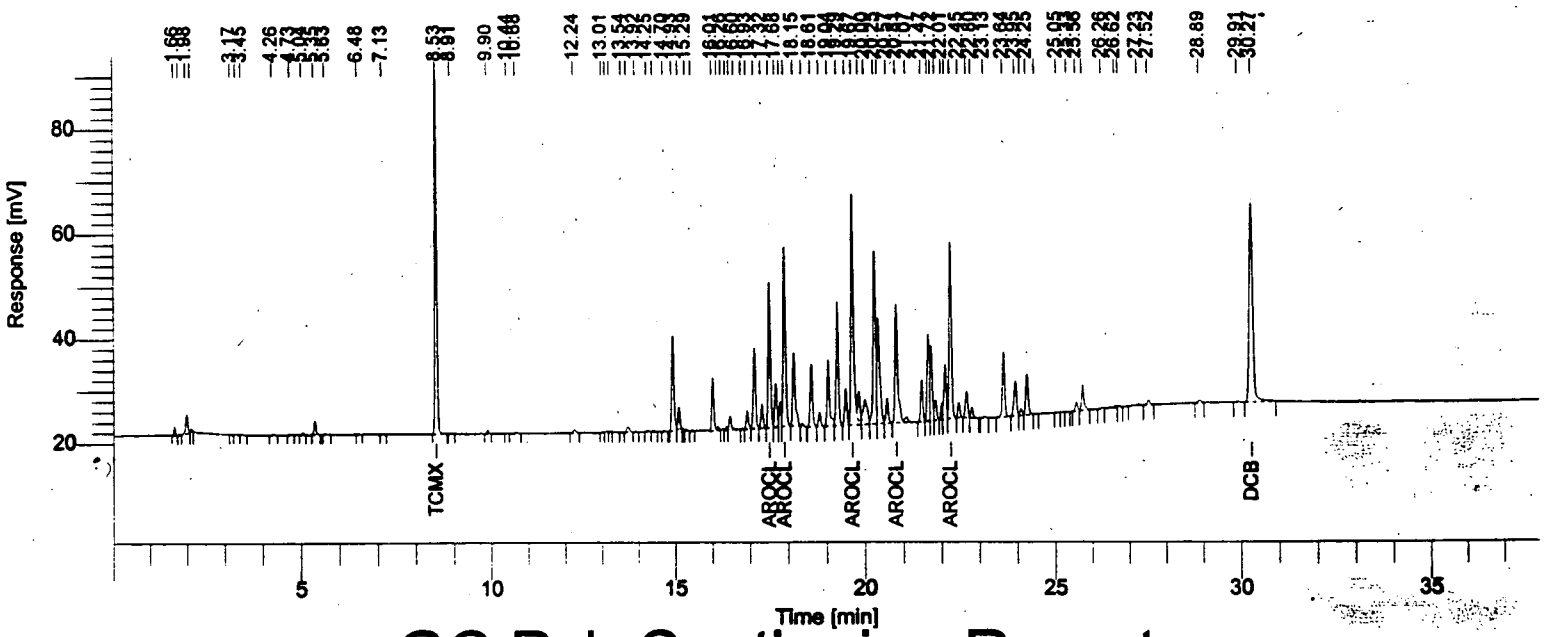

GC Pcb Continuing Report

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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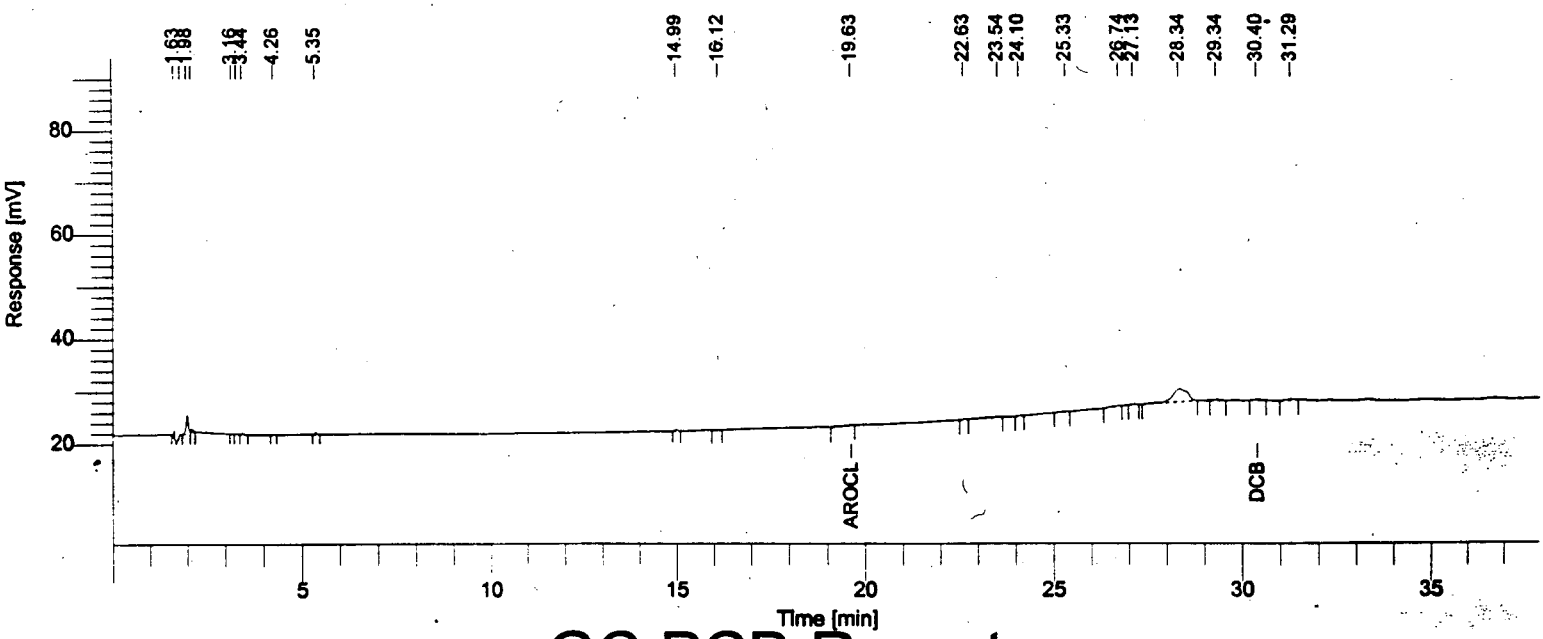
Group Report For : AR1254

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

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_091.raw
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_091.rst
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from
\\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_091.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 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

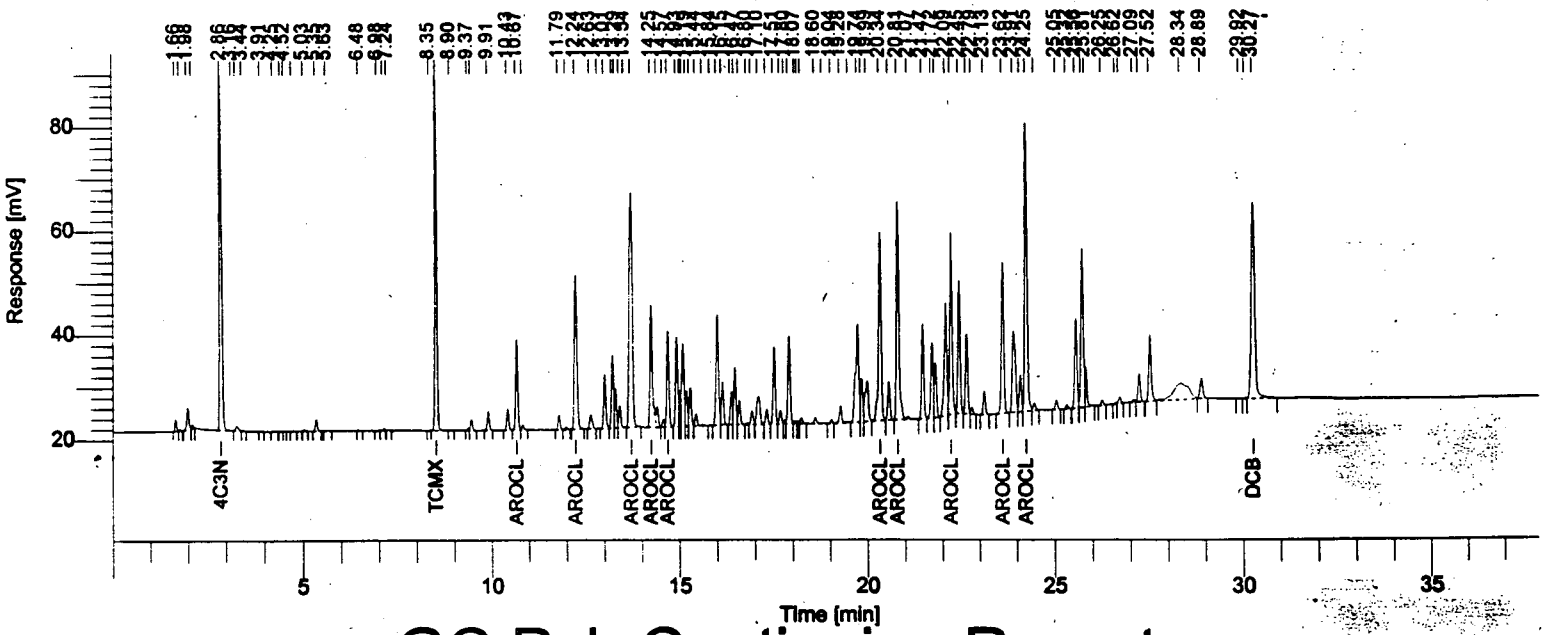
05/18/98 11:31:28 AM Result:
\\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_091.rst

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
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_092.rst
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:
\\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_092.rst

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

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_093.raw
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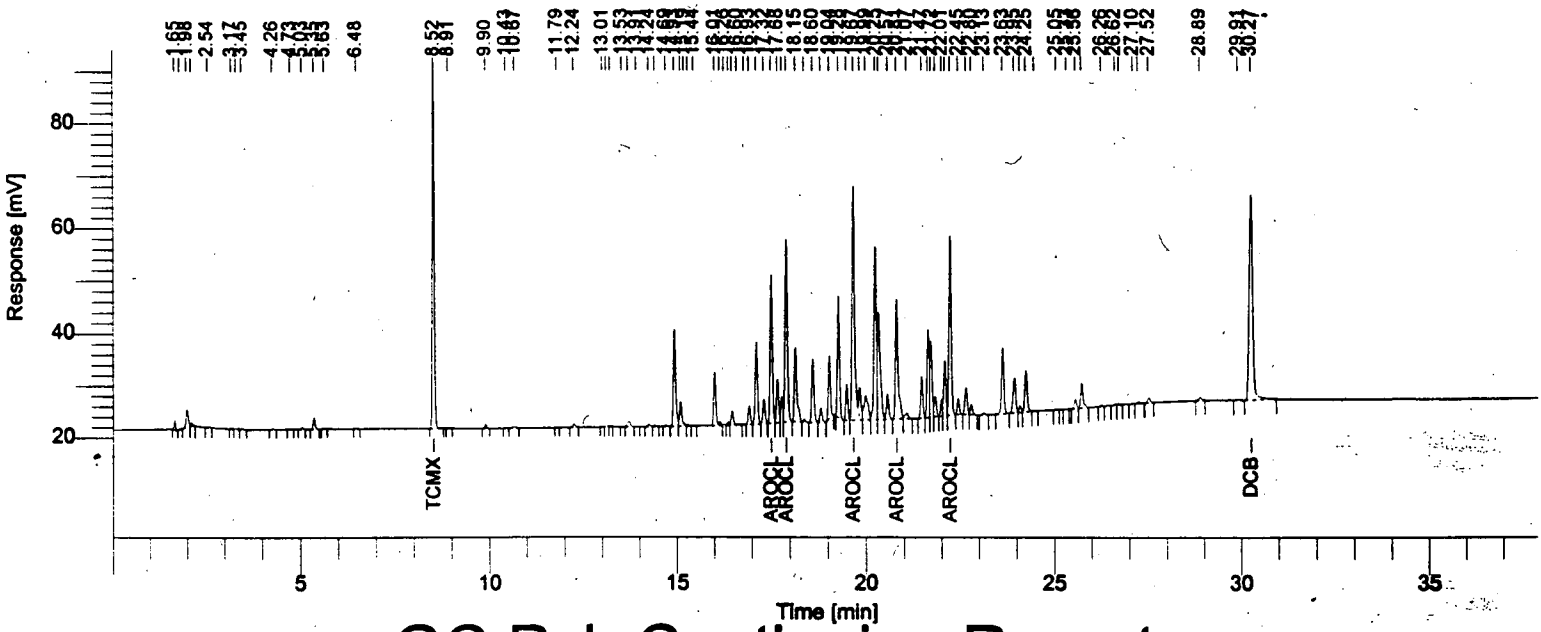
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_093.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



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	8.52	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		

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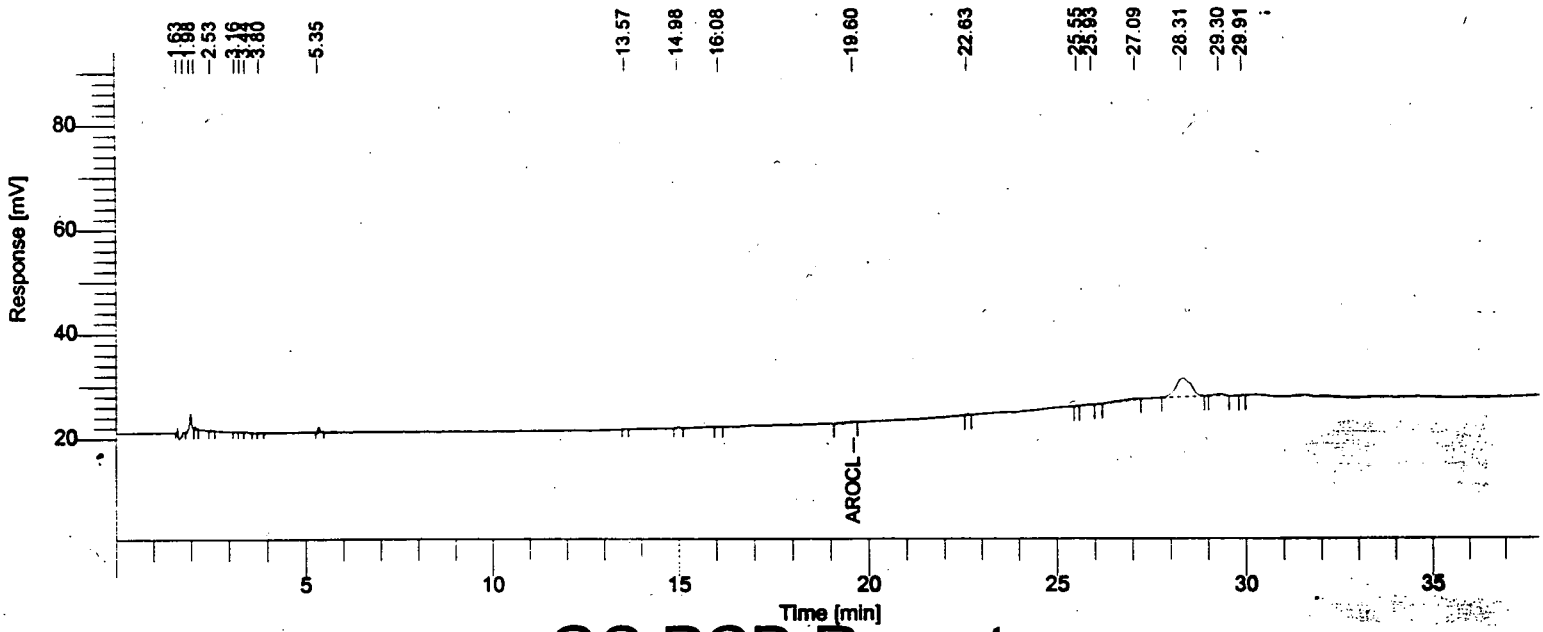
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



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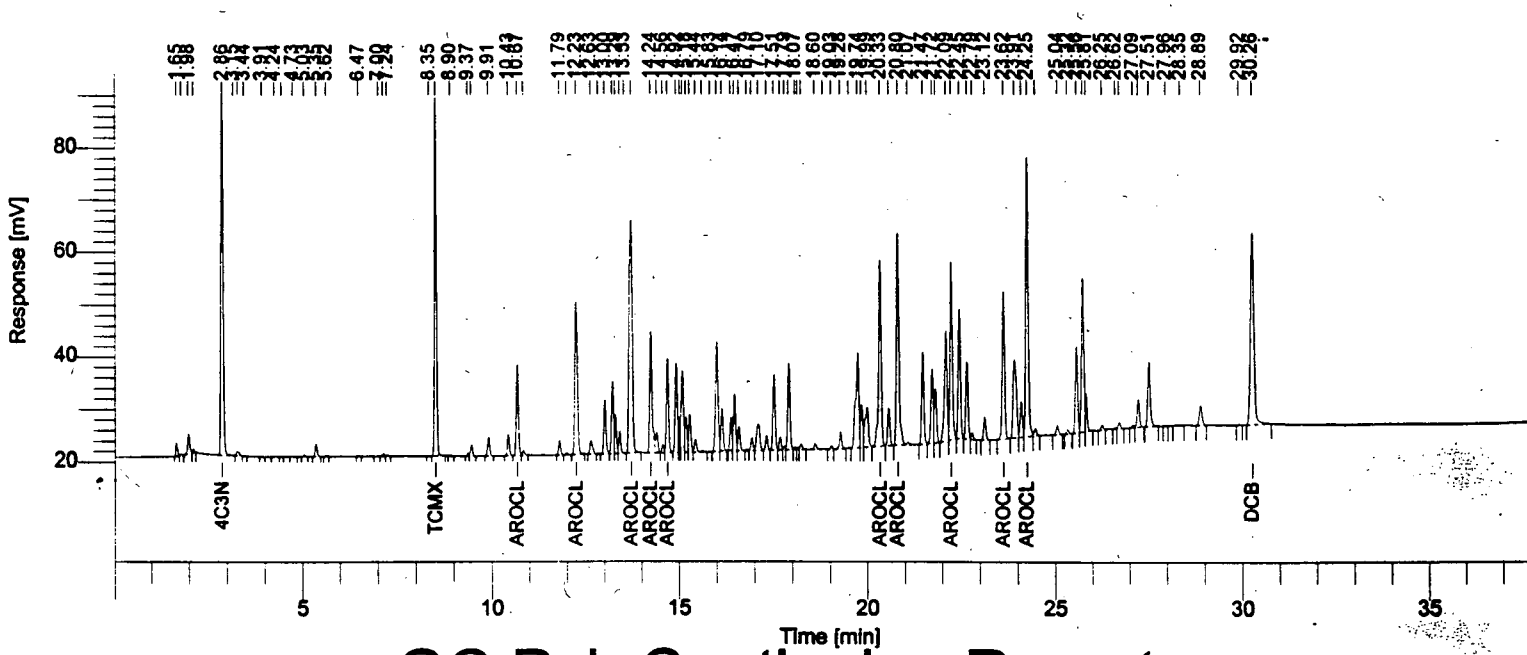
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



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	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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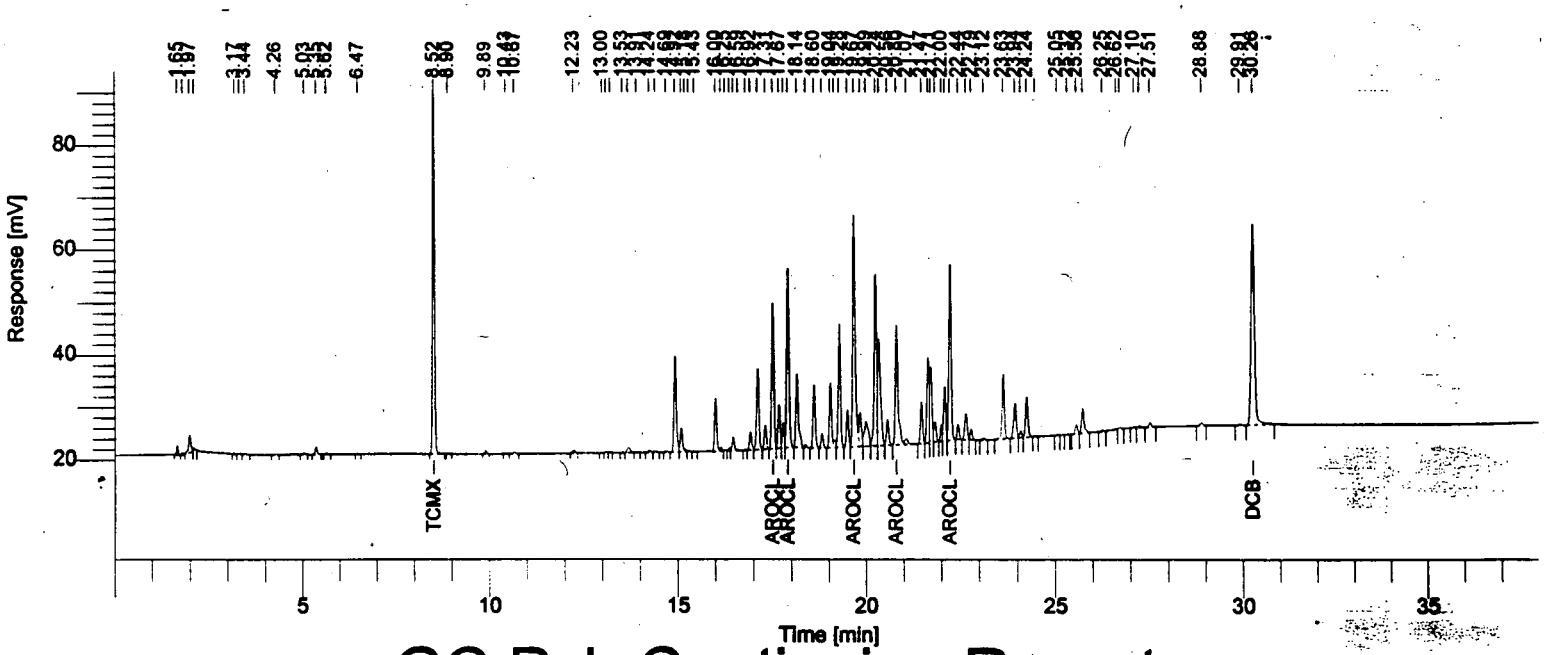

GC Pcb Continuing Report

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		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:44:18 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 115	Study	:
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	: 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 11:05:38 AM	Cycle	: 115

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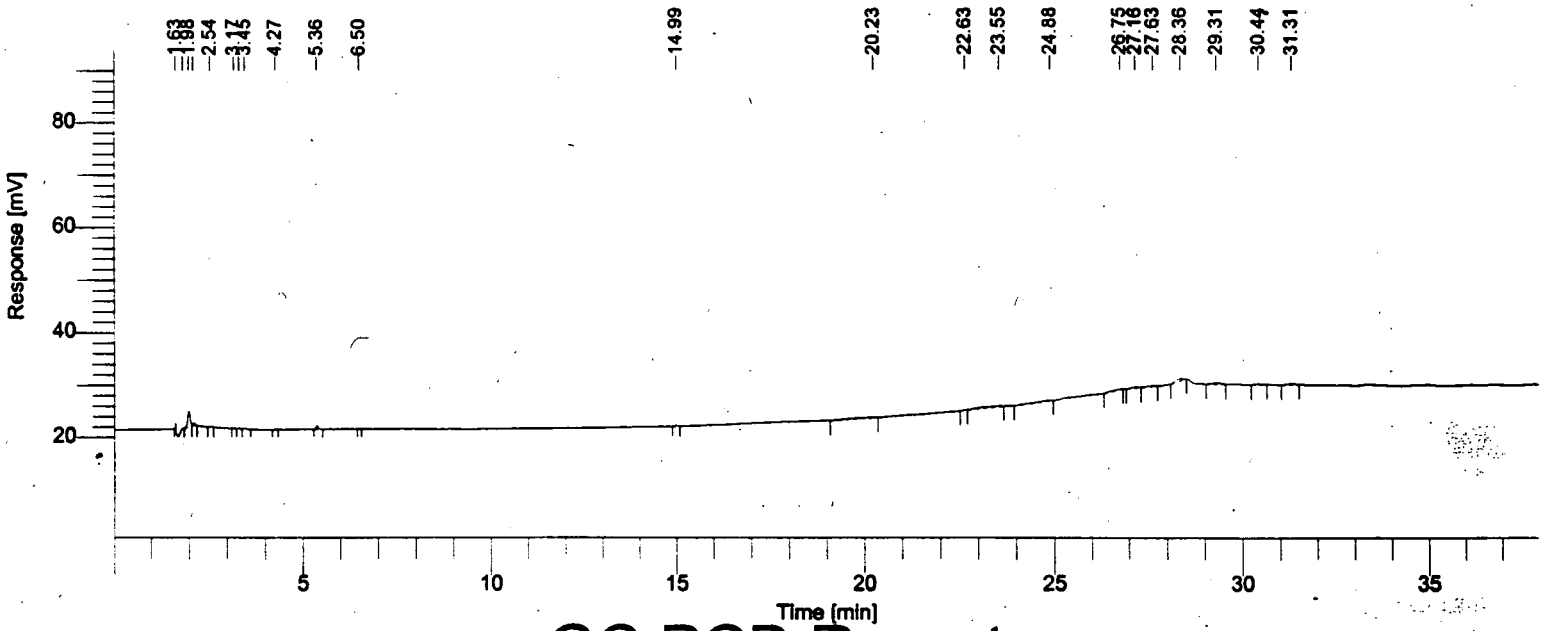
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



GC PCB Report

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

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 11:44:25 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 116	Study	: CCV
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	: 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 11:48:17 AM	Cycle	: 116

Raw Data File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_116.raw
Result File : \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_116.rst
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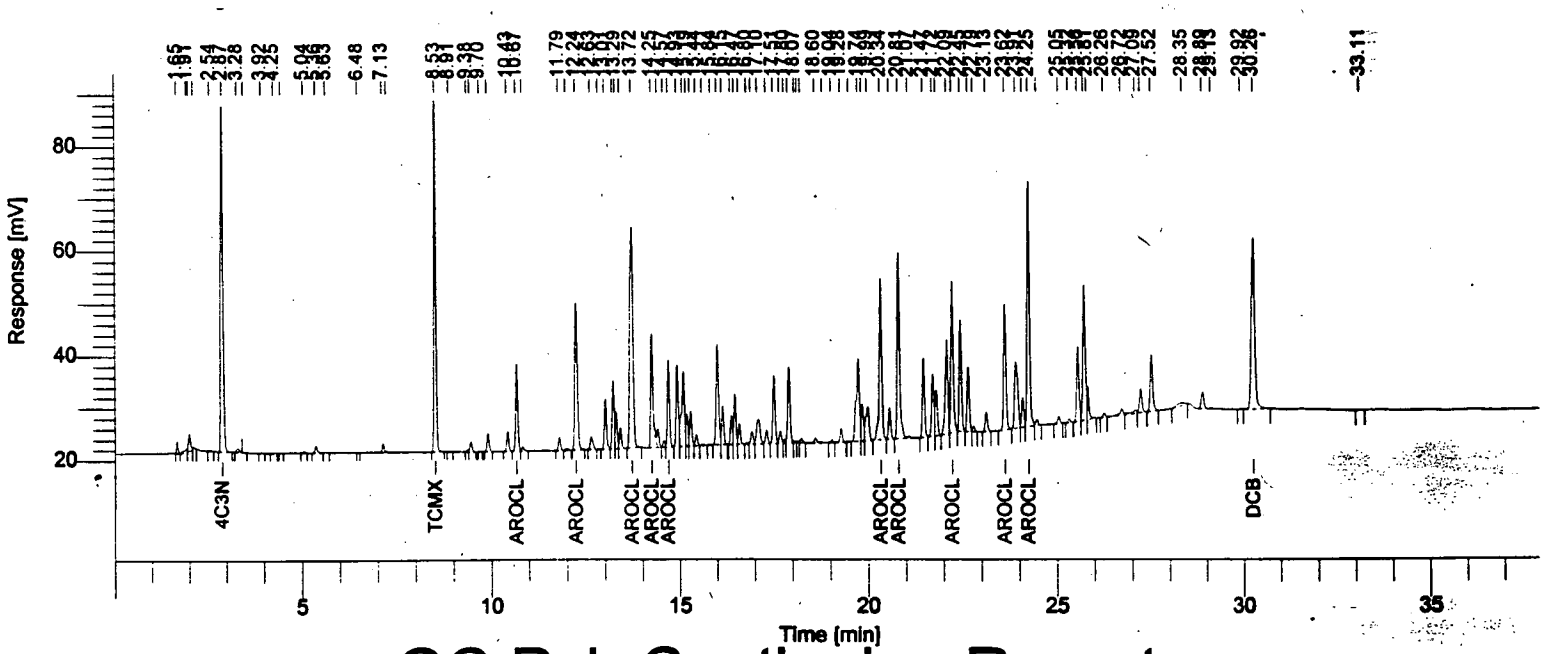
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



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
6	2.87	4C3N	295477	0.0565	0.050	13.0
18	8.53	TCMX	241950	0.0209	0.020	4.4
	13.72	AR1016	627202	0.2037	0.200	1.9
	24.25	AR1260	749360	0.1710	0.200	-14.5
104	30.26	DCB	210849	0.0188	0.020	-6.0
			2124838	0.4708		

05/18/98 11:44:25 AM Result:
\\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_116.rst

Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
25	10.67	Aroclor 1016-1	66210	0.2145	0.000	---
29	12.24	Aroclor 1016-2	137897	0.2011	0.000	---
36	13.72	Aroclor 1016-3	258185	0.2069	0.000	---
37	14.25	Aroclor 1016-4	98810	0.1982	0.000	---
40	14.70	Aroclor 1016-5	66099	0.1955	0.000	---
			627202	1.0163		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
72	20.34	Aroclor 1260-1	147338	0.1702	0.000	---
74	20.81	Aroclor 1260-2	162243	0.1706	0.000	---
80	22.23	Aroclor 1260-3	127265	0.1684	0.000	---
85	23.62	Aroclor 1260-4	106241	0.1663	0.000	---
88	24.25	Aroclor 1260-5	206273	0.1760	0.000	---
			749360	0.8515		

Software Version	: 6.0.2:G11	Date	: 05/18/98 11:44:31 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 117	Study	: CCV
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	: 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 12:30:53 PM	Cycle	: 117

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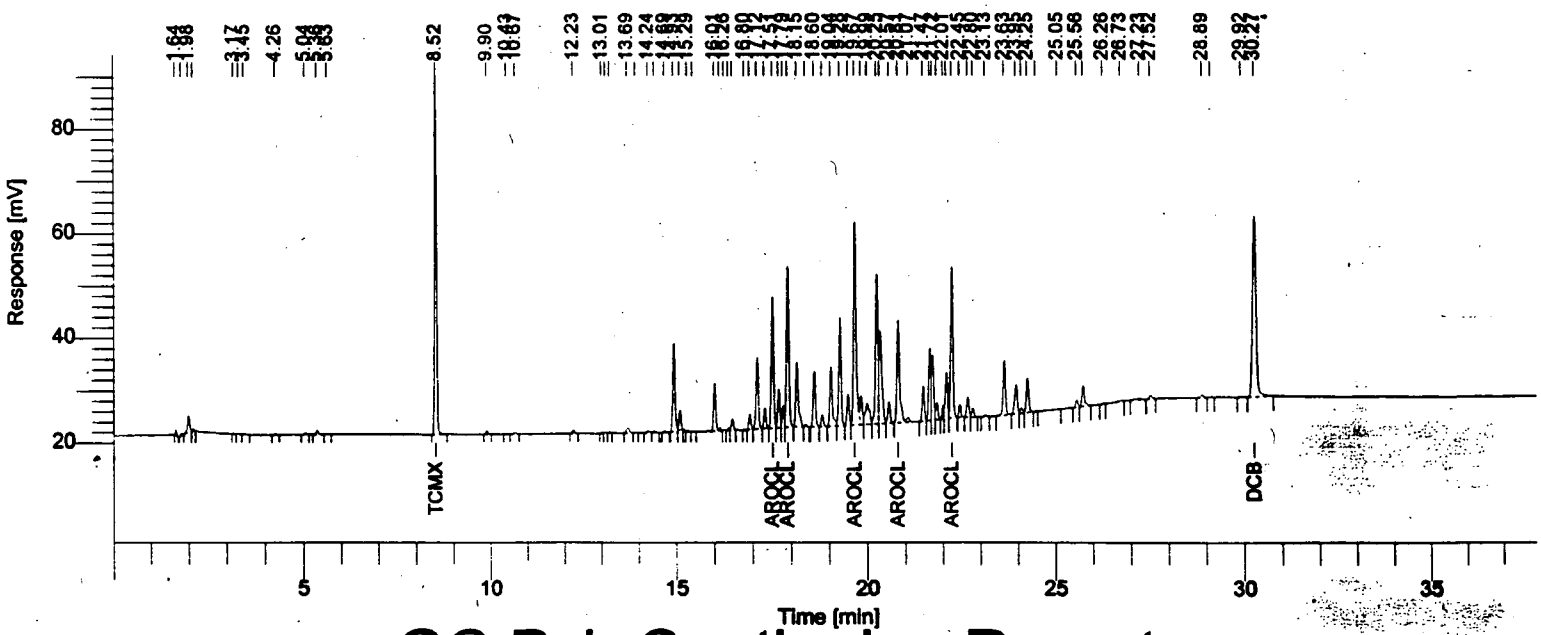
Inst Method : \\gcsrv1\TCData\HP68901\Methods\6811A_CLP_ACQ from \\gcsrv1\TCData\hp68901\may\980513320r\1B_0513_117.rst
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1254_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R.seq



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
12	8.52	TCMX	253674	0.0234	0.020	17.1
	19.67	AR1254	645765	0.1759	0.200	-12.1
83	30.27	DCB	223084	0.0193	0.020	-3.3
			1122522	0.2186		

05/18/98 11:44:31 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	17.51	Aroclor 1254-1	106831	0.1816	0.000	—
41	17.91	Aroclor 1254-2	134321	0.1771	0.000	—
49	19.67	Aroclor 1254-3	183219	0.1786	0.000	—
55	20.81	Aroclor 1254-4	97758	0.1730	0.000	—
63	22.23	Aroclor 1254-5	123636	0.1684	0.000	—
			645765	0.8787		

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:17:24 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 001	Study	:
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	: 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	: 05/26/98 18:05:09 PM	Cycle	: 1

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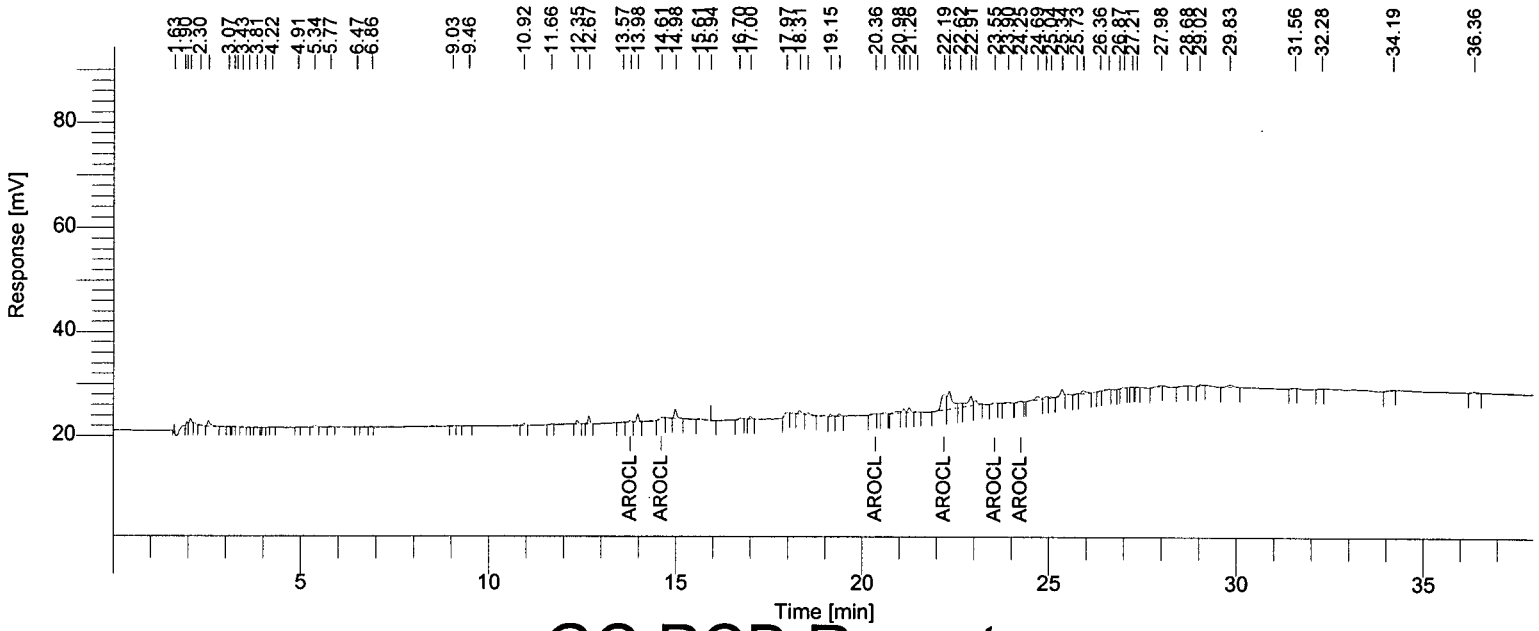
Proc Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980526320R\HP68_0526R.seq



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
	13.78	AR1016	4313	0.0014
	22.19	AR1260	30842	0.0070

05/27/98 10:17:24 AM Result:
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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
27	13.78	Aroclor 1016-3	1925	0.0015
0	14.24	Aroclor 1016-4	0	0.0000
29	14.61	Aroclor 1016-5	2388	0.0071

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
40	20.36	Aroclor 1260-1	888	0.0010
0	20.80	Aroclor 1260-2	0	0.0000
46	22.19	Aroclor 1260-3	27710	0.0367
51	23.55	Aroclor 1260-4	990	0.0015
53	24.25	Aroclor 1260-5	1254	0.0011

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:17:29 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 002	Study	: 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	: 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	: 05/26/98 18:47:43 PM	Cycle	: 2

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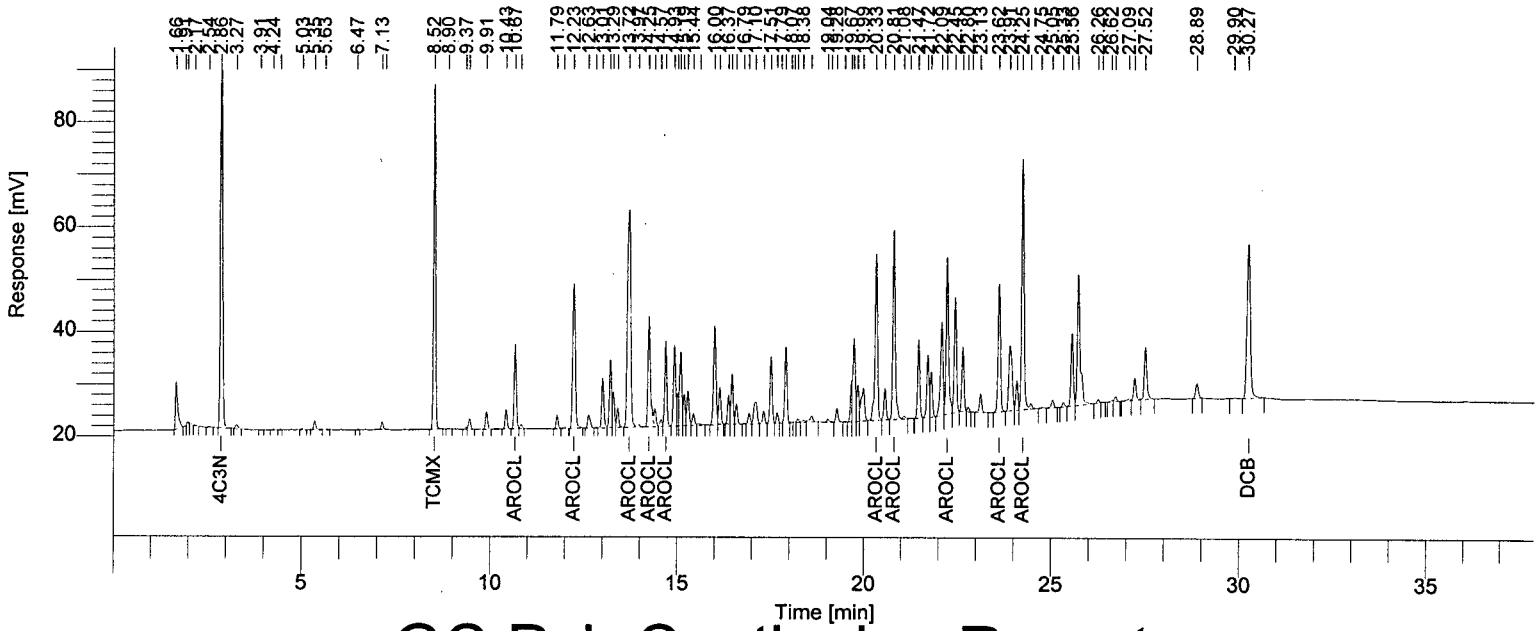

GC Pcb Continuing Report

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
6	2.86	4C3N	293584	0.0561	0.050	12.3
17	8.52	TCMX	237043	0.0205	0.020	2.3
	13.72	AR1016	618230	0.2008	0.200	0.4
	24.25	AR1260	769442	0.1755	0.200	-12.2
107	30.27	DCB	185334	0.0165	0.020	-17.4
			2103633	0.4695		

05/27/98 10:17:29 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
23	10.67	Aroclor 1016-1	64078	0.2076	0.000	-----
27	12.23	Aroclor 1016-2	136307	0.1988	0.000	-----
34	13.72	Aroclor 1016-3	255984	0.2051	0.000	-----
36	14.25	Aroclor 1016-4	96786	0.1942	0.000	-----
39	14.69	Aroclor 1016-5	65075	0.1925	0.000	-----
			618230	0.9982		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
73	20.33	Aroclor 1260-1	151252	0.1748	0.000	-----
75	20.81	Aroclor 1260-2	164919	0.1734	0.000	-----
82	22.23	Aroclor 1260-3	137535	0.1820	0.000	-----
88	23.62	Aroclor 1260-4	108398	0.1697	0.000	-----
91	24.25	Aroclor 1260-5	207338	0.1769	0.000	-----
			769442	0.8767		

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:07:34 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 003	Study	: CCV
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	: 05/26/98 19:30:23 PM	Cycle	: 3

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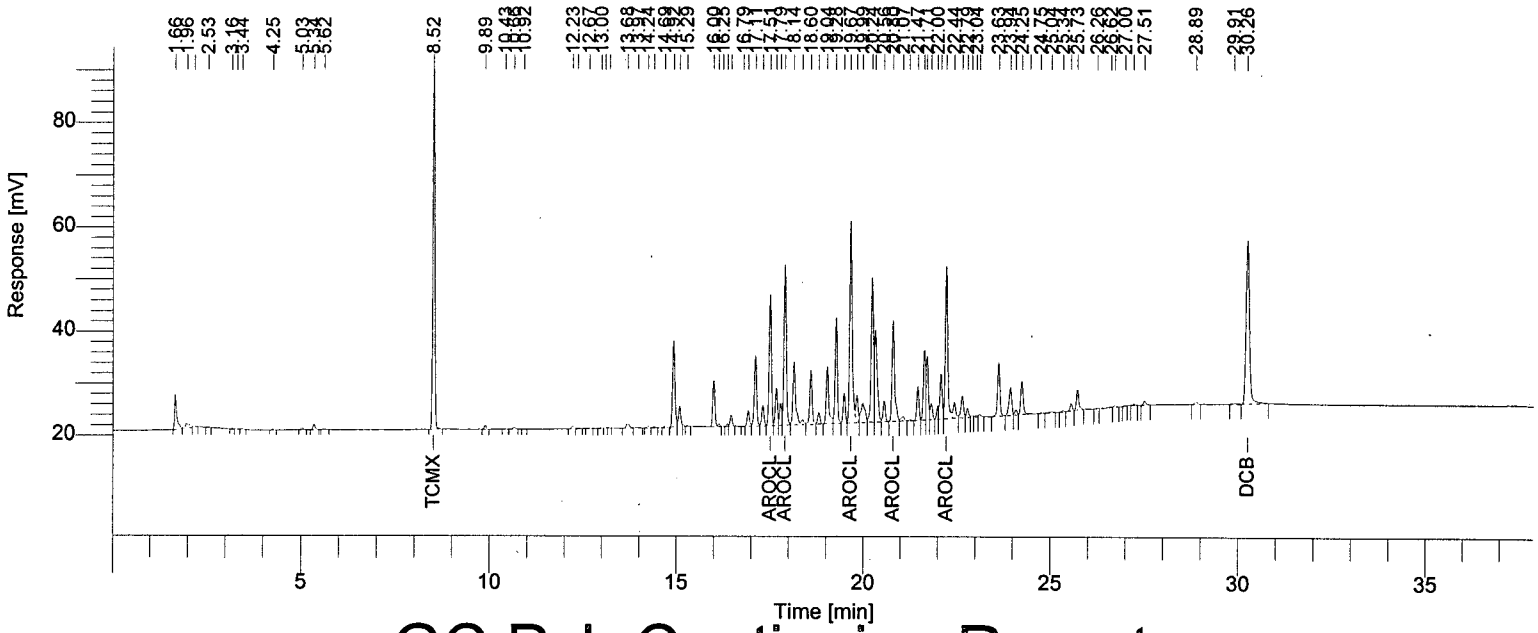

GC Pcb Continuing Report

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
12	8.52	TCMX	249814	0.0231	0.020	15.3
	19.67	AR1254	649669	0.1769	0.200	-11.5
91	30.26	DCB	200180	0.0174	0.020	-13.2
			1099663	0.2174		

05/27/98 10:07:34 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
40	17.51	Aroclor 1254-1	107551	0.1829	0.000	-----
43	17.90	Aroclor 1254-2	135885	0.1791	0.000	-----
51	19.67	Aroclor 1254-3	180060	0.1755	0.000	-----
57	20.80	Aroclor 1254-4	94297	0.1669	0.000	-----
66	22.23	Aroclor 1254-5	131877	0.1797	0.000	-----
			649669	0.8841		

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:08:34 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 014	Study	:
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	: 05/27/98 03:19:18 AM	Cycle	: 14

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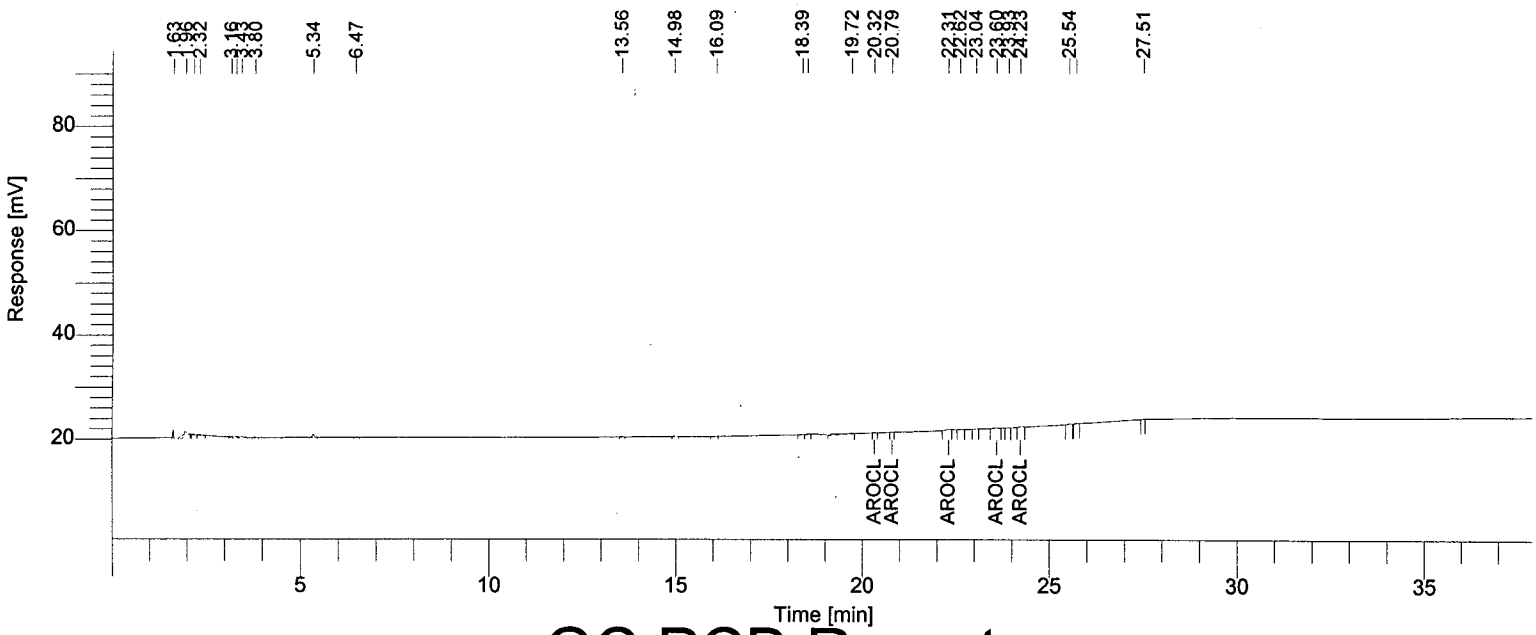

GC PCB Report

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

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
	24.23	AR1260	2969	0.0007

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

05/27/98 10:08:34 AM Result:
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Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
17	20.32	Aroclor 1260-1	164	0.0002
18	20.79	Aroclor 1260-2	161	0.0002
19	22.31	Aroclor 1260-3	824	0.0011
22	23.60	Aroclor 1260-4	780	0.0012
24	24.23	Aroclor 1260-5	1040	0.0009

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:08:39 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 015	Study	: CCV
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	: 05/27/98 04:01:52 AM	Cycle	: 15

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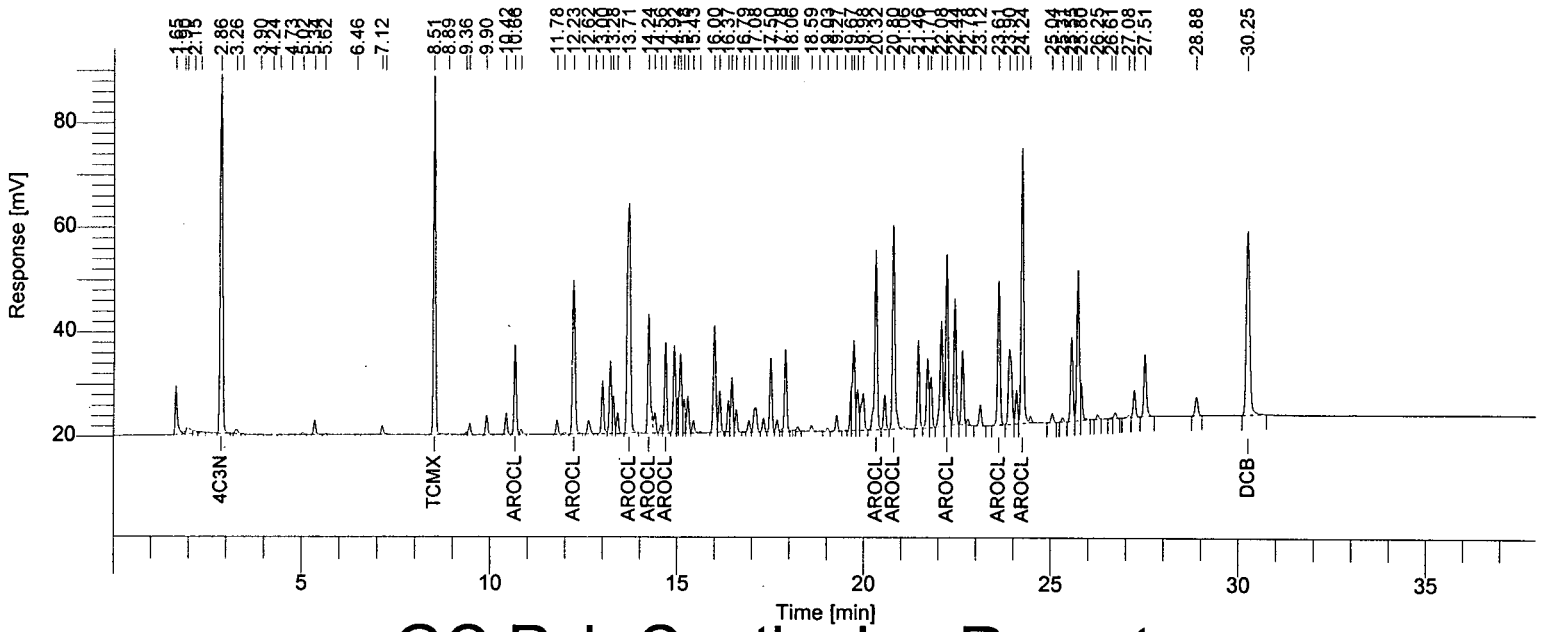

GC Pcb Continuing Report

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
6	2.86	4C3N	311764	0.0596	0.050	19.2
19	8.51	TCMX	252177	0.0218	0.020	8.8
	13.71	AR1016	661193	0.2148	0.200	7.4
	24.24	AR1260	849606	0.1938	0.200	-3.1
103	30.25	DCB	226420	0.0202	0.020	0.9
			2301159	0.5101		

05/27/98 10:08:39 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
25	10.66	Aroclor 1016-1	68954	0.2234	0.000	-----
29	12.23	Aroclor 1016-2	144935	0.2114	0.000	-----
36	13.71	Aroclor 1016-3	271274	0.2174	0.000	-----
37	14.24	Aroclor 1016-4	104965	0.2106	0.000	-----
40	14.68	Aroclor 1016-5	71064	0.2102	0.000	-----
			661193	1.0730		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
73	20.32	Aroclor 1260-1	164447	0.1900	0.000	-----
75	20.80	Aroclor 1260-2	181039	0.1903	0.000	-----
81	22.22	Aroclor 1260-3	146742	0.1941	0.000	-----
86	23.61	Aroclor 1260-4	123552	0.1934	0.000	-----
89	24.24	Aroclor 1260-5	233827	0.1995	0.000	-----
			849606	0.9674		

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:08:44 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 016	Study	: CCV
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	: 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	: 05/27/98 04:44:31 AM	Cycle	: 16

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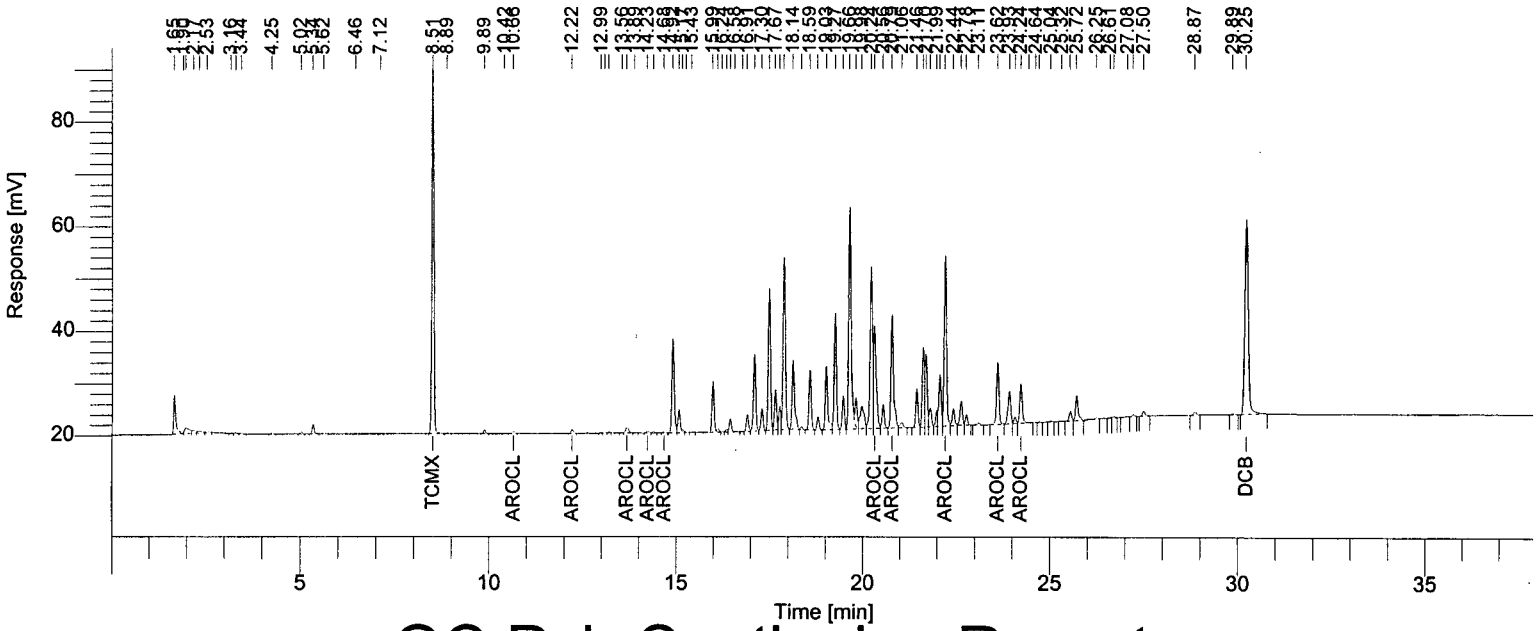

GC Pcb Continuing Report

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
16	8.51	TCMX	266326	0.0230	0.020	14.9
	13.68	AR1016	13458	0.0044	0.200	-97.8
	22.22	AR1260	441033	0.1006	0.200	-49.7
95	30.25	DCB	239779	0.0214	0.020	6.9
			960596	0.1493		

05/27/98 10:08:44 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
20	10.66	Aroclor 1016-1	1708	0.0055	0.000	-----
21	12.22	Aroclor 1016-2	2929	0.0043	0.000	-----
26	13.68	Aroclor 1016-3	5872	0.0047	0.000	-----
28	14.23	Aroclor 1016-4	1867	0.0037	0.000	-----
30	14.68	Aroclor 1016-5	1082	0.0032	0.000	-----
			13458	0.0215		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
61	20.32	Aroclor 1260-1	100062	0.1156	0.000	-----
63	20.79	Aroclor 1260-2	107308	0.1128	0.000	-----
71	22.22	Aroclor 1260-3	143971	0.1905	0.000	-----
76	23.62	Aroclor 1260-4	53985	0.0845	0.000	-----
79	24.24	Aroclor 1260-5	35707	0.0305	0.000	-----
			441033	0.5339		

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:17:21 AM
Operator	: LEWANDOWSKIB	Sample Name	: HEXANE
Sample Number	: 001	Study	:
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	: 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	: 05/26/98 18:05:09 PM	Cycle	: 1

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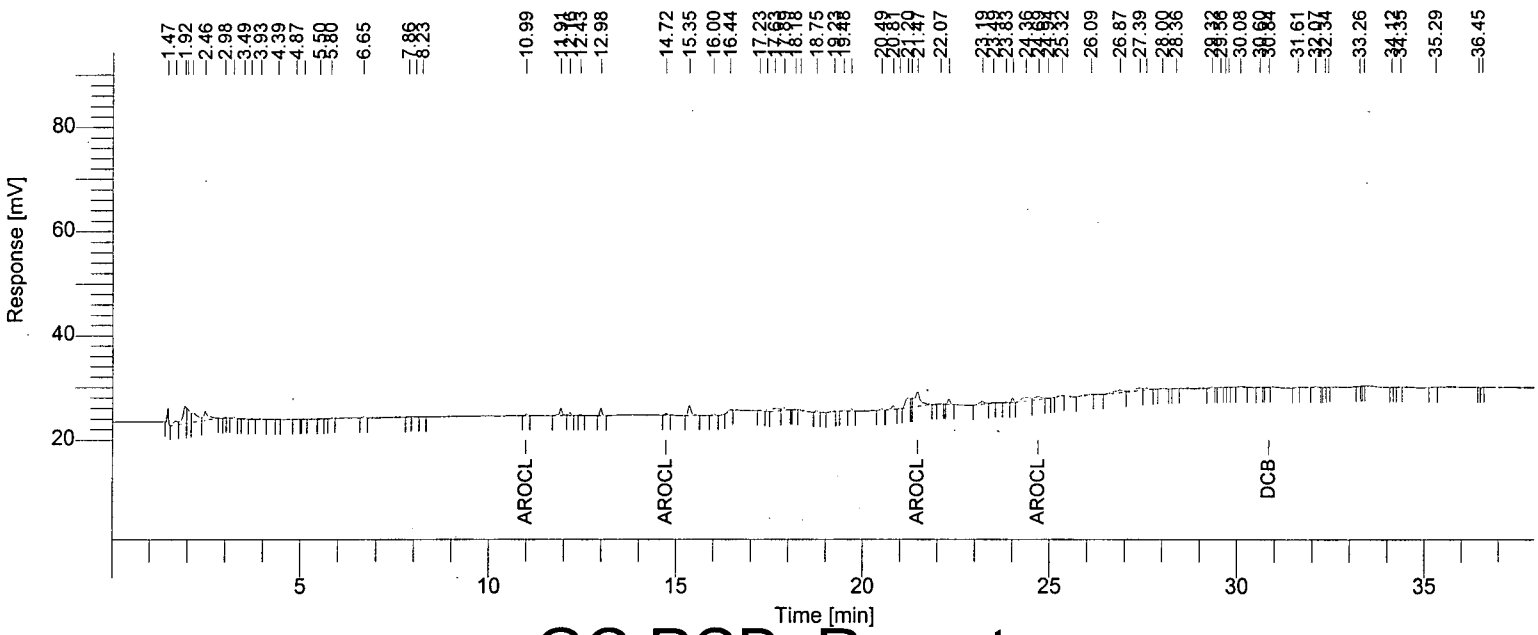
Proc Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Calib Method : \\gcsrv1\TCData\hp68901\methods\681a_ar1660_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980526320R\HP68_0526R.seq



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
	14.72	AR1016	3085	0.0010
	21.47	AR1260	40639	0.0098
68	30.84	DCB	178	0.0000

05/27/98 10:17:21 AM Result:
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Group Report For : AR1016

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
21	10.99	Aroclor 1016-1	1466	0.0042
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
26	14.72	Aroclor 1016-5	1619	0.0046

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount
0	20.65	Aroclor 1260-1	0	0.0000
45	21.47	Aroclor 1260-2	32347	0.0389
0	22.48	Aroclor 1260-3	0	0.0000
53	24.69	Aroclor 1260-4	8292	0.0079
0	25.85	Aroclor 1260-5	0	0.0000

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:17:26 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 002	Study	: 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	: 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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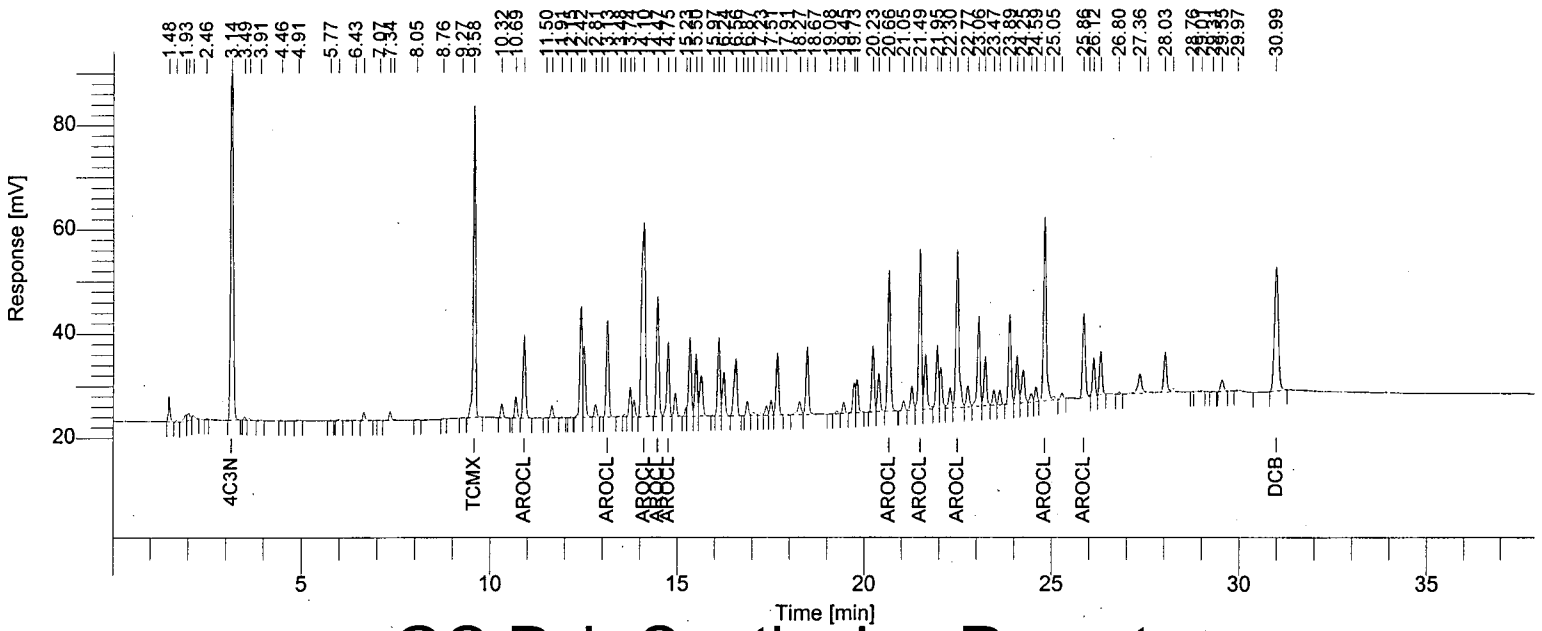

GC Pcb Continuing Report

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	343612	0.0580	0.050	16.0
23	9.58	TCMX	251072	0.0209	0.020	4.4
	14.10	AR1016	604080	0.2003	0.200	0.2
	24.82	AR1260	726517	0.1754	0.200	-12.3
106	30.99	DCB	170895	0.0159	0.020	-20.6
			2096175	0.4705		

05/27/98 10:17:26 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	10.91	Aroclor 1016-1	74083	0.2124	0.000	-----
35	13.13	Aroclor 1016-2	85875	0.2056	0.000	-----
40	14.10	Aroclor 1016-3	266084	0.1987	0.000	-----
41	14.47	Aroclor 1016-4	110016	0.1965	0.000	-----
42	14.75	Aroclor 1016-5	68023	0.1942	0.000	-----
			604080	1.0075		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
70	20.66	Aroclor 1260-1	139299	0.1753	0.000	-----
73	21.49	Aroclor 1260-2	156357	0.1881	0.000	-----
78	22.49	Aroclor 1260-3	168499	0.1740	0.000	-----
89	24.82	Aroclor 1260-4	178399	0.1707	0.000	-----
92	25.86	Aroclor 1260-5	83962	0.1673	0.000	-----
			726517	0.8754		

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:27:38 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 003	Study	: CCV
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
Data Acquisition Time	: 05/26/98 19:30:23 PM	Cycle	: 3

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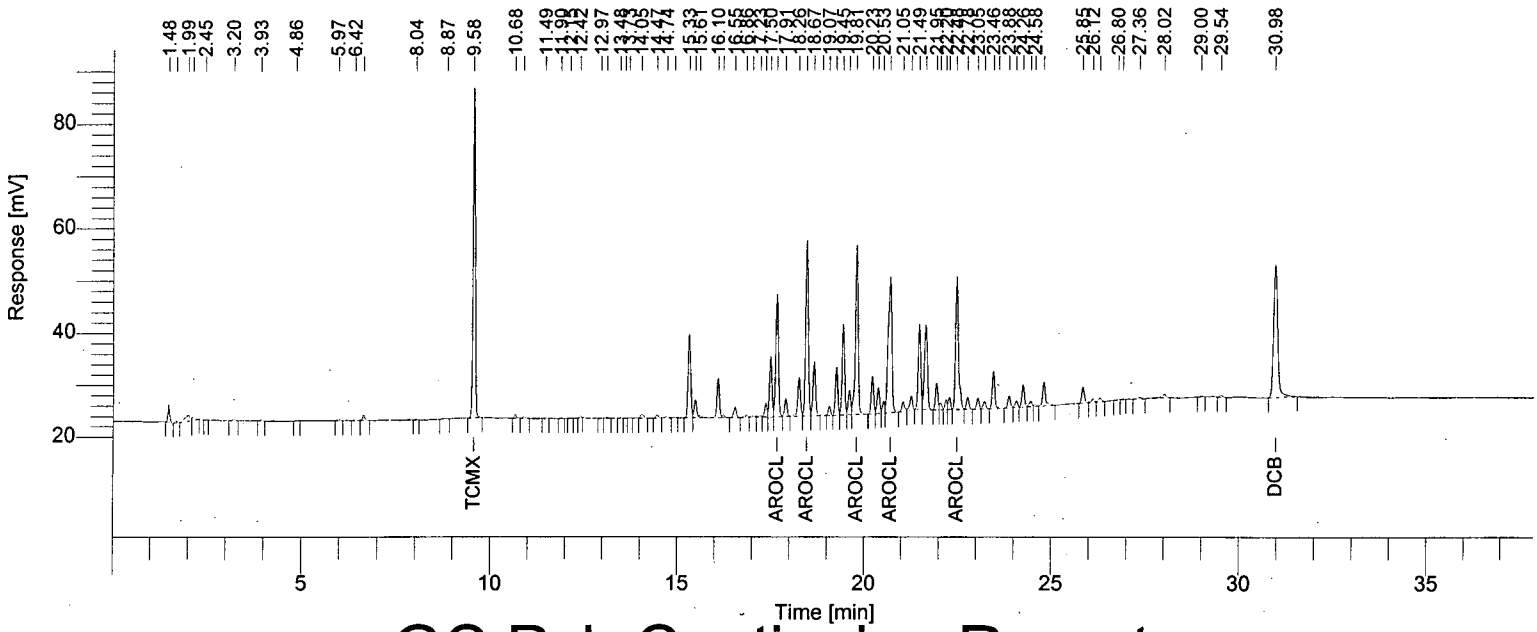

GC Pcb Continuing Report

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
14	9.58	TCMX	255079	0.0243	0.020	21.3
	18.47	AR1254	772210	0.1820	0.200	-9.0
85	30.98	DCB	194217	0.0180	0.020	-10.1
			1221506	0.2242		

05/27/98 10:27:38 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	17.67	Aroclor 1254-1	117794	0.1886	0.000	-----
44	18.47	Aroclor 1254-2	168396	0.1859	0.000	-----
51	19.81	Aroclor 1254-3	166901	0.1821	0.000	-----
55	20.71	Aroclor 1254-4	179165	0.1805	0.000	-----
64	22.48	Aroclor 1254-5	139954	0.1741	0.000	-----
			772210	0.9113		

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:08:36 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1660
Sample Number	: 015	Study	: CCV
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	: 05/27/98 04:01:52 AM	Cycle	: 15

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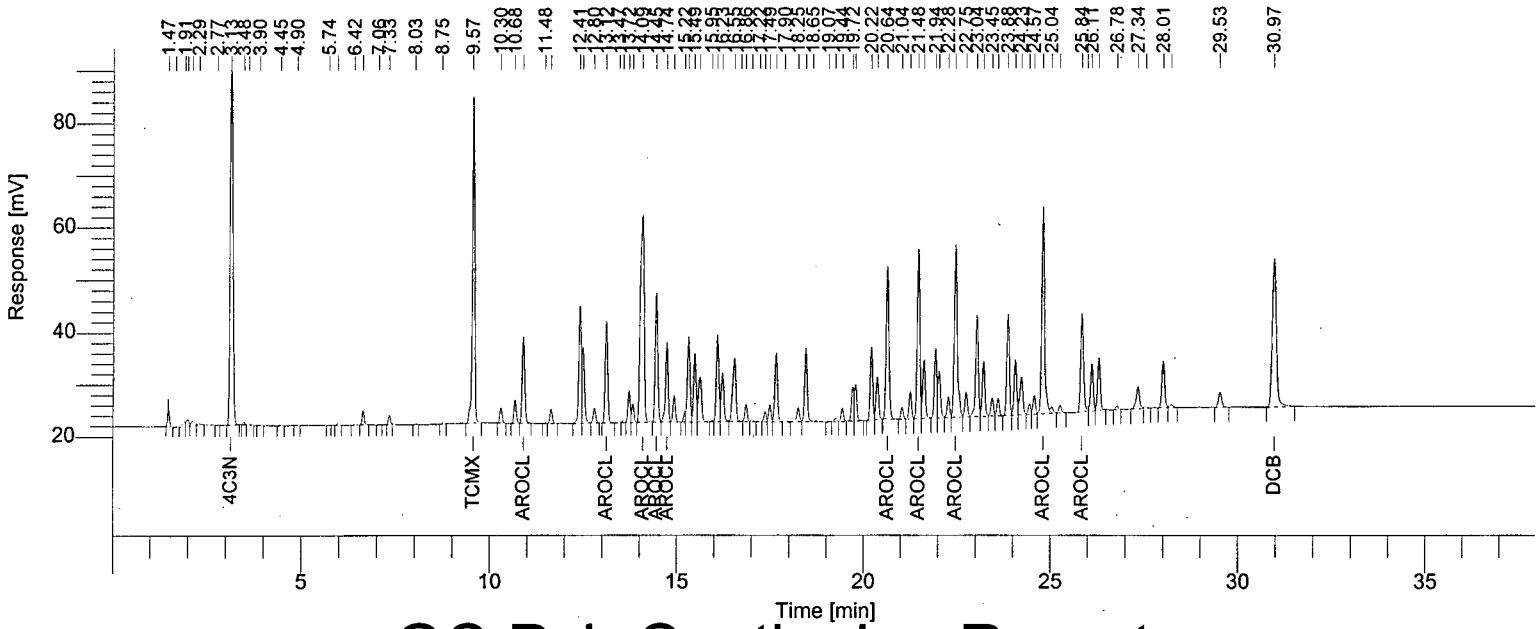

GC Pcb Continuing Report

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
8	3.13	4C3N	360103	0.0608	0.050	21.6
22	9.57	TCMX	266637	0.0222	0.020	10.9
	14.09	AR1016	645163	0.2140	0.200	7.0
	24.80	AR1260	807048	0.1949	0.200	-2.6
98	30.97	DCB	216612	0.0201	0.020	0.6
			2295563	0.5119		

05/27/98 10:08:36 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
25	10.90	Aroclor 1016-1	78134	0.2240	0.000	-----
31	13.12	Aroclor 1016-2	91905	0.2200	0.000	-----
36	14.09	Aroclor 1016-3	283194	0.2115	0.000	-----
37	14.45	Aroclor 1016-4	118590	0.2119	0.000	-----
38	14.74	Aroclor 1016-5	73339	0.2094	0.000	-----
			645163	1.0768		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
66	20.64	Aroclor 1260-1	152385	0.1918	0.000	-----
69	21.48	Aroclor 1260-2	159858	0.1923	0.000	-----
74	22.47	Aroclor 1260-3	185864	0.1919	0.000	-----
85	24.80	Aroclor 1260-4	207314	0.1984	0.000	-----
88	25.84	Aroclor 1260-5	101627	0.2025	0.000	-----
			807048	0.9769		

Software Version	: 6.0.2:G11	Date	: 05/27/98 10:08:41 AM
Operator	: LEWANDOWSKIB	Sample Name	: 0.2UG/ML AR1254
Sample Number	: 016	Study	: CCV
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	: 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	: 05/27/98 04:44:31 AM	Cycle	: 16

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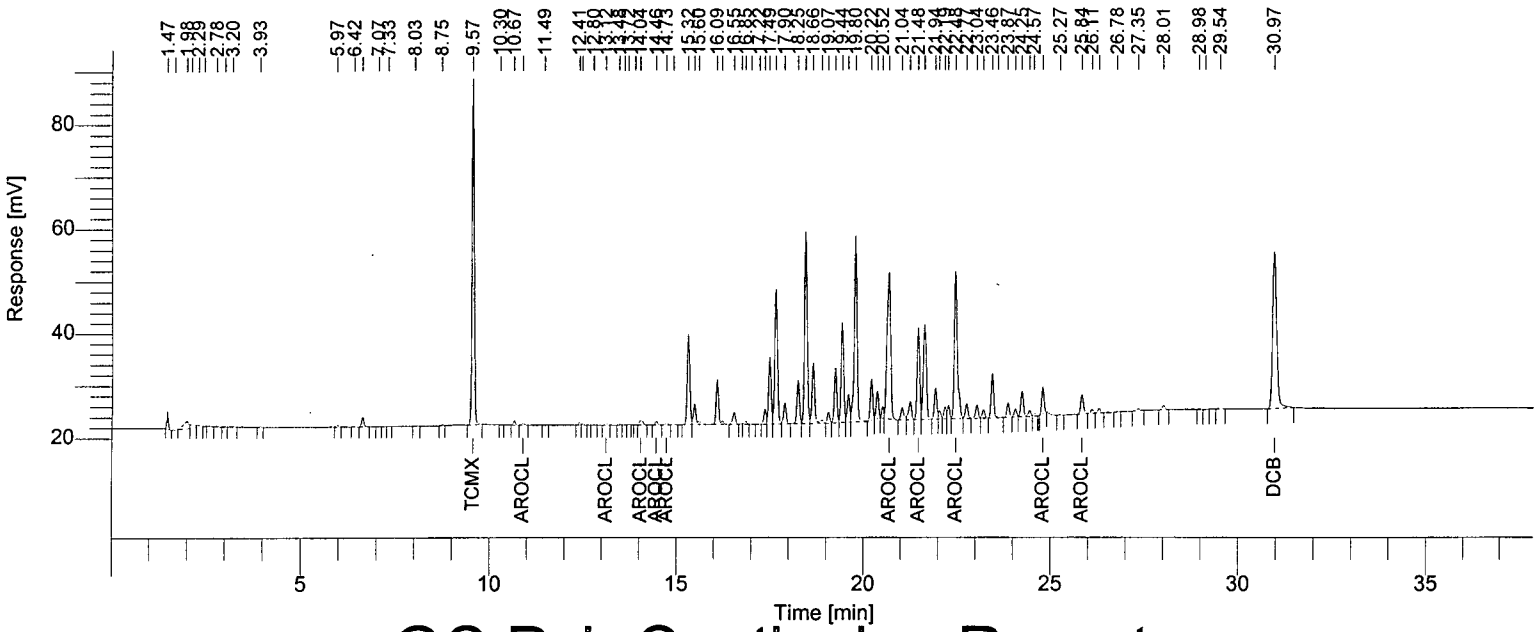

GC Pcb Continuing Report

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
18	9.57	TCMX	271007	0.0225	0.020	12.7
	14.04	AR1016	13423	0.0045	0.200	-97.8
	22.48	AR1260	479187	0.1157	0.200	-42.1
92	30.97	DCB	229304	0.0213	0.020	6.5
			992920	0.1640		

05/27/98 10:08:41 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
21	10.90	Aroclor 1016-1	1584	0.0045	0.000	-----
26	13.12	Aroclor 1016-2	1646	0.0039	0.000	-----
31	14.04	Aroclor 1016-3	5495	0.0041	0.000	-----
32	14.46	Aroclor 1016-4	3257	0.0058	0.000	-----
33	14.73	Aroclor 1016-5	1442	0.0041	0.000	-----
			13423	0.0225		

Group Report For : AR1260

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Expected Amt. (ug/mL)	% Difference
61	20.70	Aroclor 1260-1	192114	0.2418	0.000	-----
64	21.48	Aroclor 1260-2	84492	0.1017	0.000	-----
70	22.48	Aroclor 1260-3	160607	0.1658	0.000	-----
81	24.80	Aroclor 1260-4	22465	0.0215	0.000	-----
83	25.84	Aroclor 1260-5	19509	0.0389	0.000	-----
			479187	0.5697		

1D
PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

PBLKW1

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

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

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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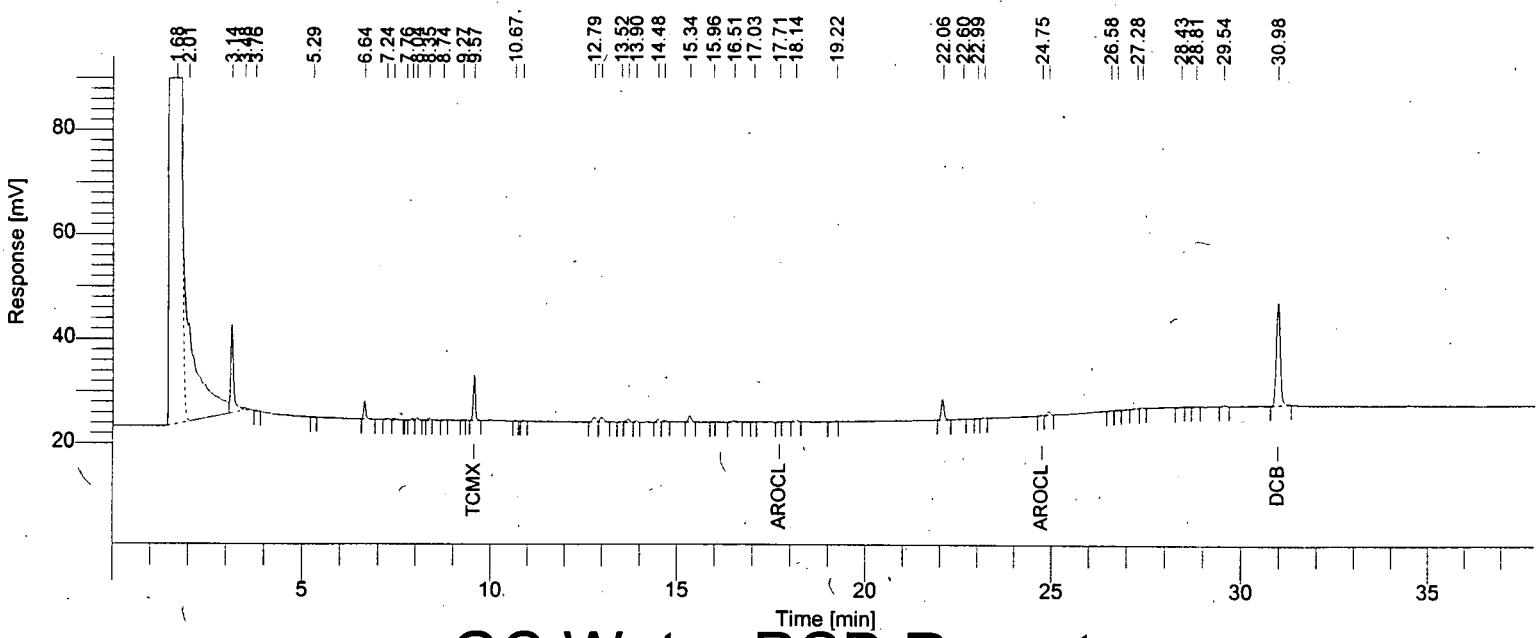

GC Water PCB Report

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:
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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)
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
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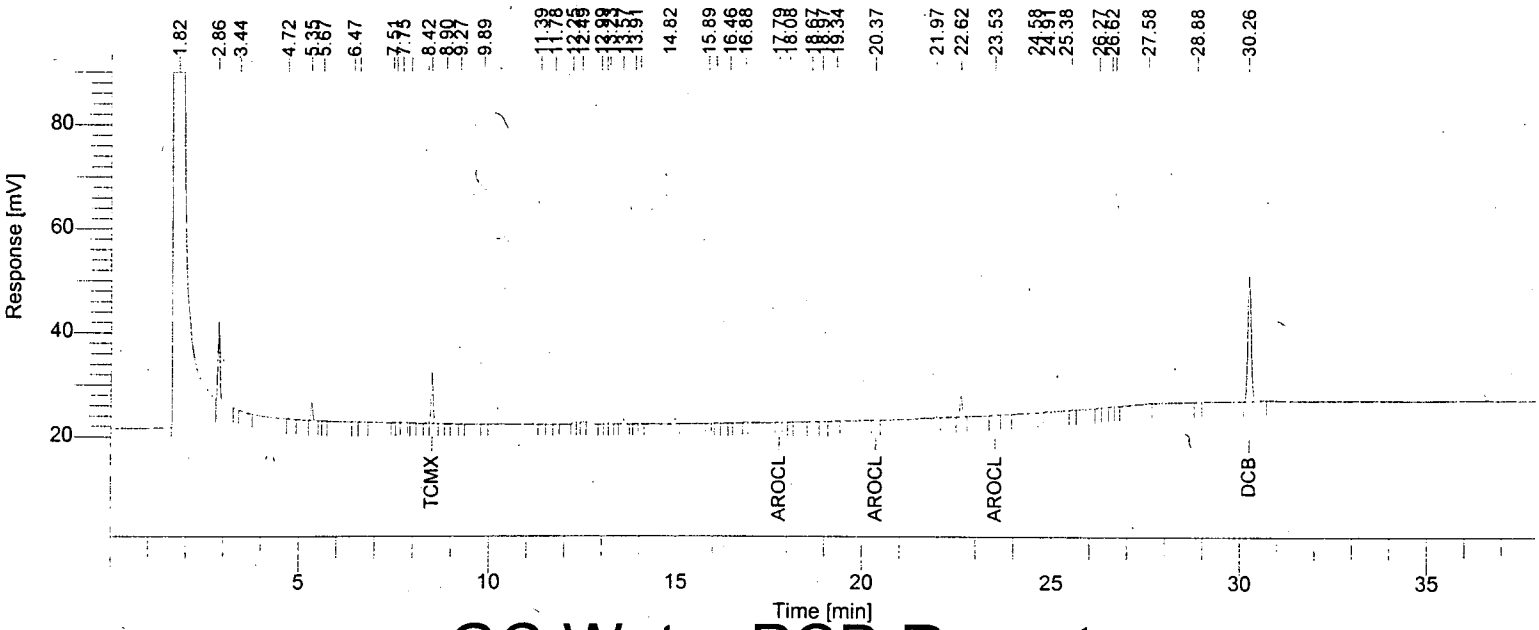

GC Water PCB Report

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)
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

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

BOJ 5/22/98

1D
PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

PBLKS1

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Matrix: (soil/water) SOIL Lab Sample ID: 1338-39-1

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: 05/16/98

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
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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
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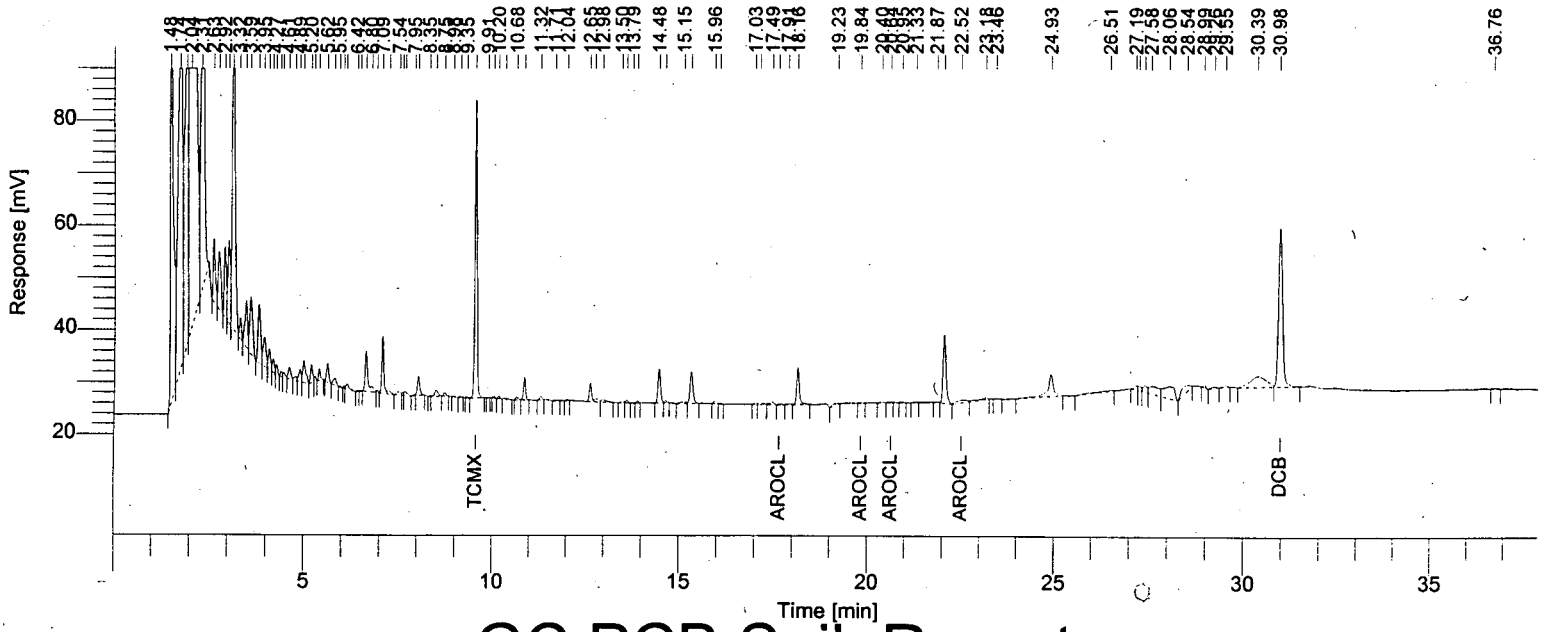

GC PCB Soil Report

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	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:
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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
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

BD 5/22/98

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

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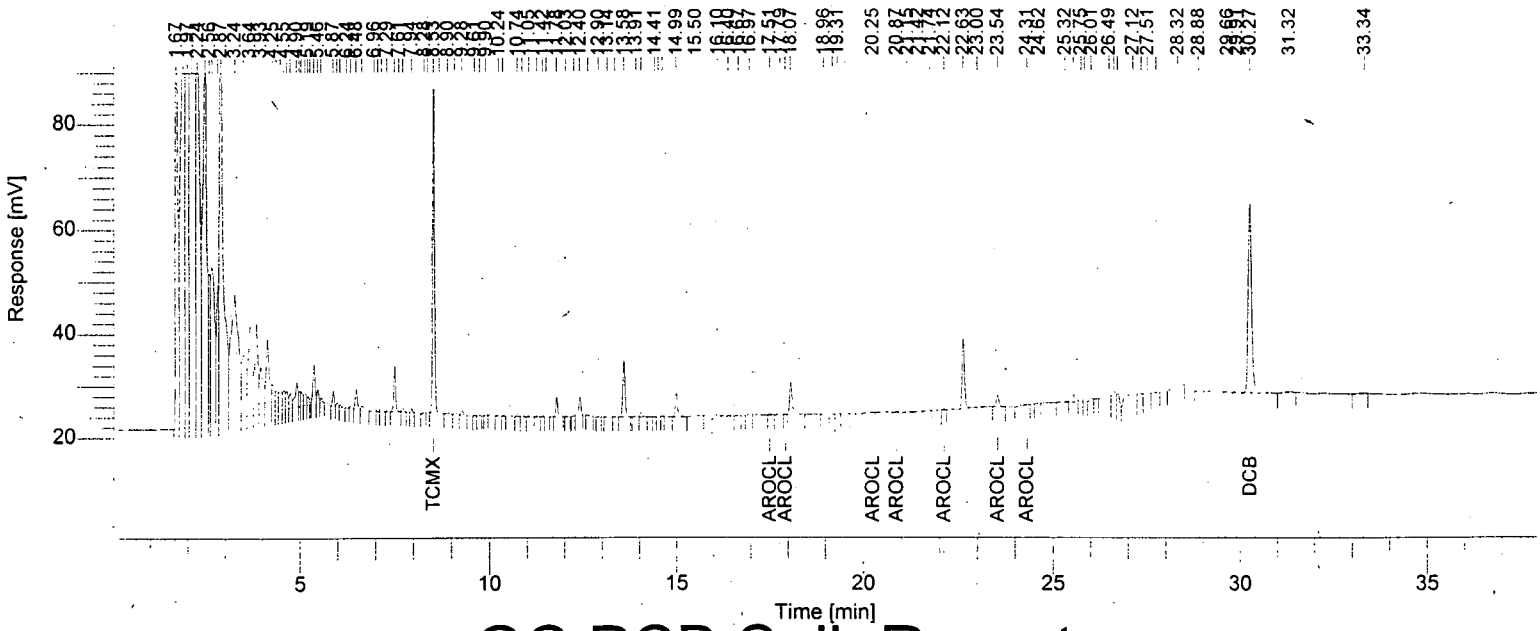

GC PCB Soil Report

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
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 5/22/98

05/21/98 17:19:23 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
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

B 05/22/98

1D
PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

A4-001MS

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Matrix: (soil/water) SOIL Lab Sample ID: 6198MS

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 20 decanted: (Y/N) N Date Received: 05/06/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/11/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/17/98

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	380	
11096-82-5	Aroclor-1260	110	P

FORM I PEST SW8082

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:21:45 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6198 MS 1X
Sample Number	: 113	Study	: 9800.916
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	: 05/17/98 09:40:17 AM	Cycle	: 113

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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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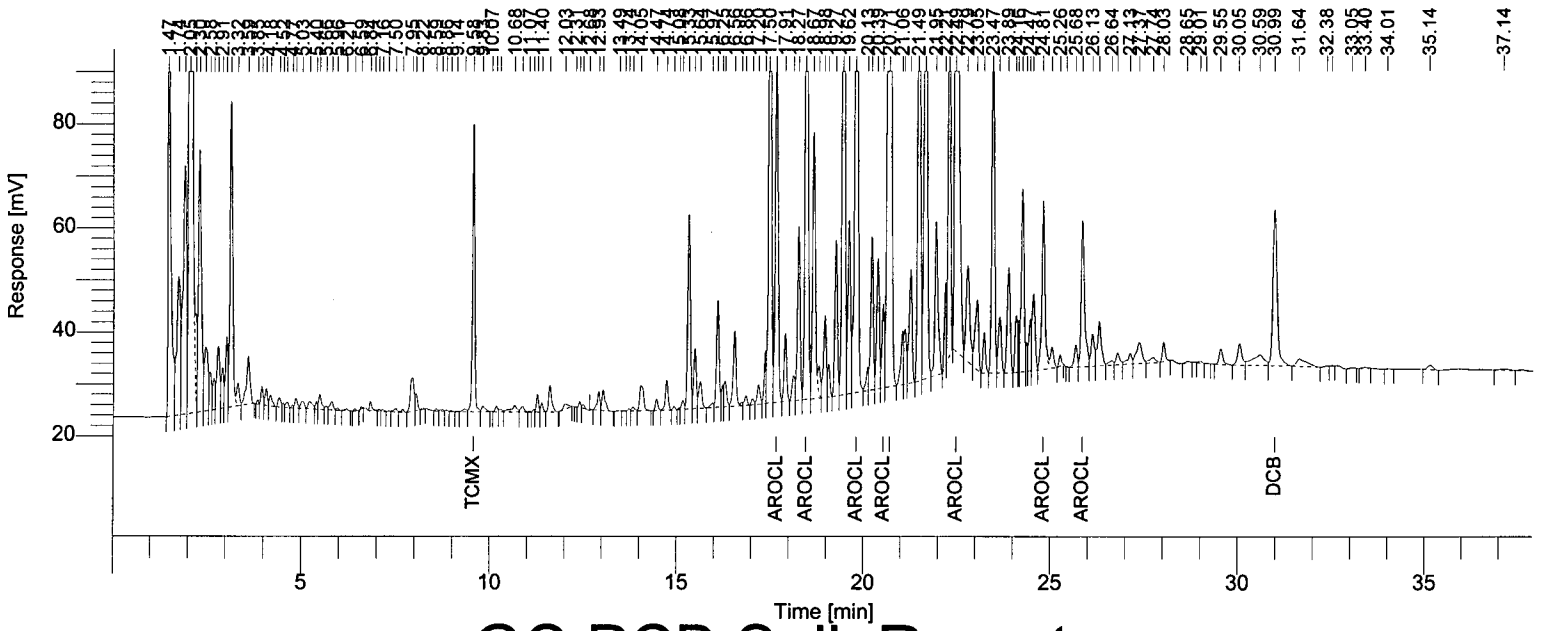

GC PCB Soil Report

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
51	9.58	TCMX	231612	0.0220	0.0073	10.0	30.000	1.0
	22.49	AR1254	4012498	0.9456	0.3152	10.0	30.000	1.0
	24.81	AR1260	432342	0.1044	0.0348	10.0	30.000	1.0
153	30.99	DCB	237373	0.0220	0.0073	10.0	30.000	1.0
			4913825	1.0941		40.0	120.000	4.0

05/21/98 17:21:45 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	17.67	Aroclor 1254-1	366259	0.5865	0.1955	10.0	30.000	1.0
98	18.47	Aroclor 1254-2	611348	0.6748	0.2249	10.0	30.000	1.0
106	19.81	Aroclor 1254-3	818181	0.8927	0.2976	10.0	30.000	1.0
111	20.71	Aroclor 1254-4	1012772	1.0206	0.3402	10.0	30.000	1.0
120	22.49	Aroclor 1254-5	1203938	1.4977	0.4992	10.0	30.000	1.0
			4012498	4.6723		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
110	20.53	Aroclor 1260-1	70061	0.0882	0.0294	10.0	30.000	1.0
133	24.81	Aroclor 1260-4	183833	0.1759	0.0586	10.0	30.000	1.0
138	25.86	Aroclor 1260-5	178448	0.3555	0.1185	10.0	30.000	1.0
			432342	0.6196		30.0	90.000	3.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:21:49 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6198 MS 1X
Sample Number	: 113	Study	: 9800.916
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	: 05/17/98 09:40:17 AM	Cycle	: 113

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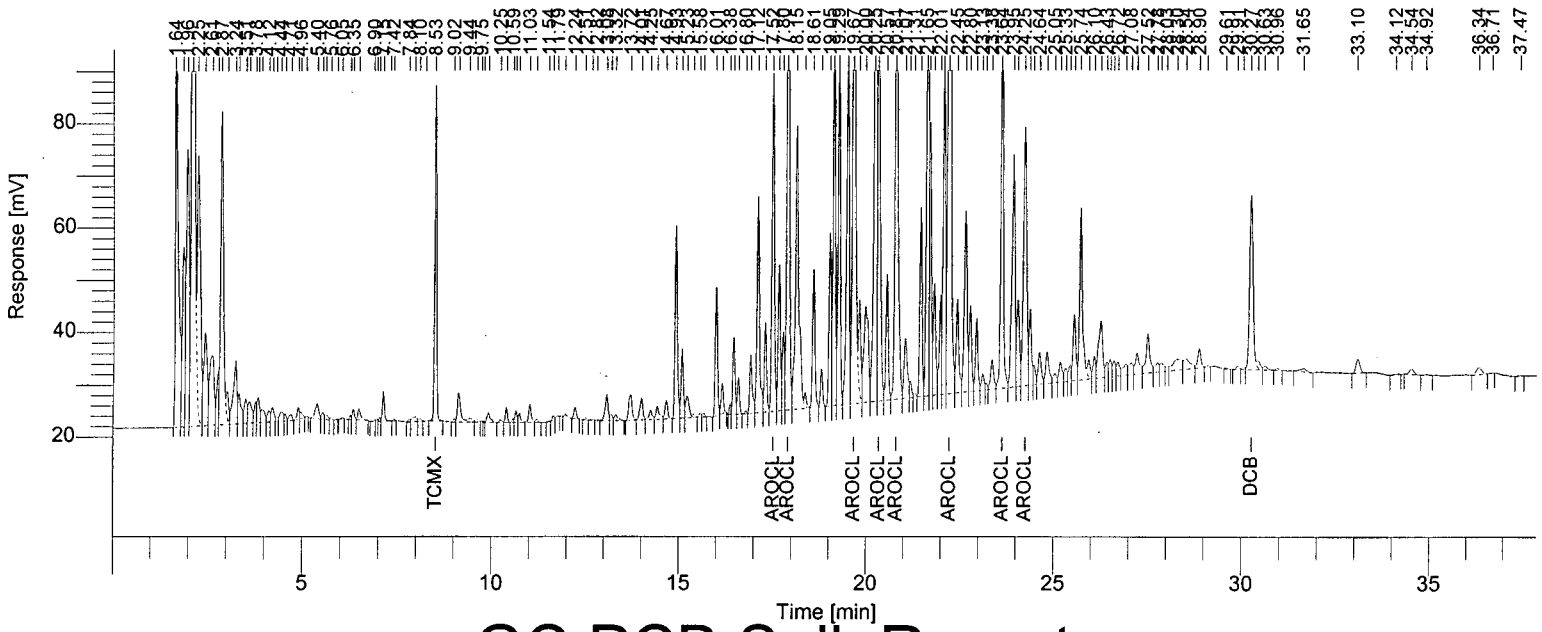

GC PCB Soil Report

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
46	8.53	TCMX	230833	0.0213	0.0071	10.0	30.00	1.0
	20.34	AR1260	1009913	0.2304	0.0768	10.0	30.00	1.0
	22.23	AR1254	3343874	0.9107	0.3036	10.0	30.00	1.0
163	30.27	DCB	215533	0.0187	0.0062	10.0	30.00	1.0

05/21/98 17:21:49 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
92	17.52	Aroclor 1254-1	290957	0.4947	0.1649	10.0	30.00	1.0
95	17.91	Aroclor 1254-2	514744	0.6786	0.2262	10.0	30.00	1.0
104	19.67	Aroclor 1254-3	747772	0.7289	0.2430	10.0	30.00	1.0
110	20.81	Aroclor 1254-4	579783	1.0260	0.3420	10.0	30.00	1.0
120	22.23	Aroclor 1254-5	1210618	1.6492	0.5497	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
108	20.34	Aroclor 1260-1	363929	0.4205	0.1402	10.0	30.00	1.0
128	23.64	Aroclor 1260-4	346049	0.5418	0.1806	10.0	30.00	1.0
131	24.25	Aroclor 1260-5	299934	0.2559	0.0853	10.0	30.00	1.0

1D
PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

A4-001MSD

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Matrix: (soil/water) SOIL Lab Sample ID: 6198MSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 20 decanted: (Y/N) N Date Received: 05/06/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/11/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/17/98

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	410	
11096-82-5	Aroclor-1260	120	P

FORM I PEST SW8082

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:21:53 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6198 MSD 1X
Sample Number	: 114	Study	: 9800.916
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	: 05/17/98 10:22:57 AM	Cycle	: 114

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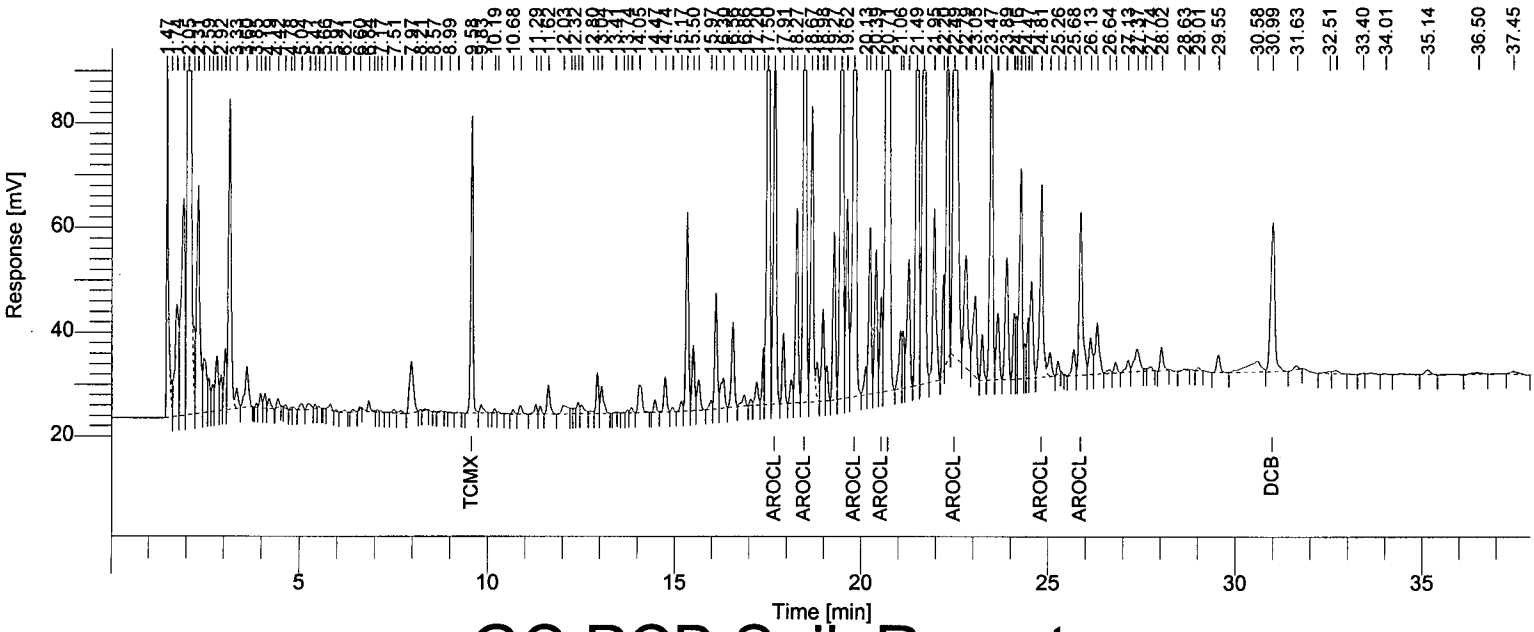

GC PCB Soil Report

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	234709	0.0223	0.0074	10.0	30.000	1.0
	22.49	AR1254	4427498	1.0434	0.3478	10.0	30.000	1.0
	24.81	AR1260	489035	0.1181	0.0394	10.0	30.000	1.0
145	30.99	DCB	219178	0.0203	0.0068	10.0	30.000	1.0
			5370420	1.2042		40.0	120.000	4.0

05/21/98 17:21:53 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	385492	0.6173	0.2058	10.0	30.000	1.0
91	18.47	Aroclor 1254-2	662773	0.7316	0.2439	10.0	30.000	1.0
99	19.81	Aroclor 1254-3	881584	0.9619	0.3206	10.0	30.000	1.0
104	20.71	Aroclor 1254-4	1133448	1.1422	0.3807	10.0	30.000	1.0
113	22.49	Aroclor 1254-5	1364200	1.6971	0.5657	10.0	30.000	1.0
			4427498	5.1500		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
103	20.53	Aroclor 1260-1	79700	0.1003	0.0334	10.0	30.000	1.0
126	24.81	Aroclor 1260-4	211652	0.2025	0.0675	10.0	30.000	1.0
131	25.86	Aroclor 1260-5	197683	0.3939	0.1313	10.0	30.000	1.0
			489035	0.6967		30.0	90.000	3.0

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:21:57 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6198 MSD 1X
Sample Number	: 114	Study	: 9800.916
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	: 05/17/98 10:22:57 AM	Cycle	: 114

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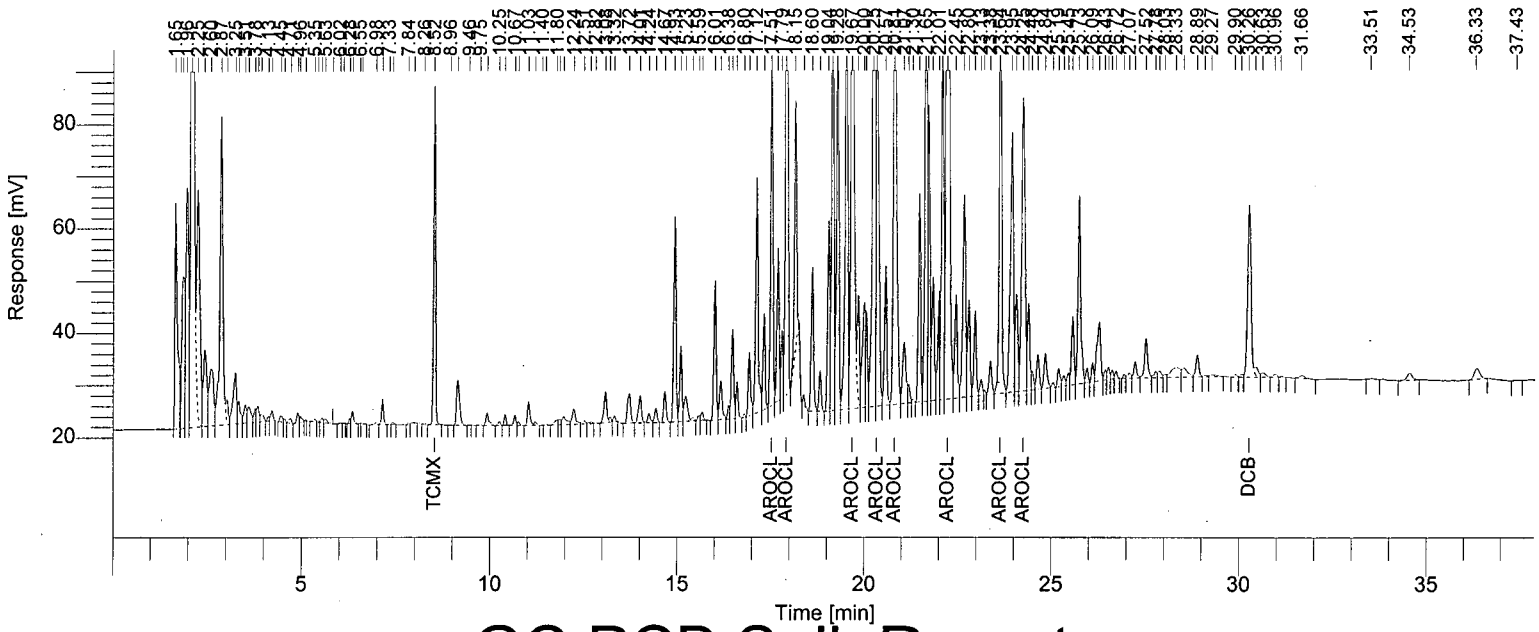

GC PCB Soil Report

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	231555	0.0214	0.0071	10.0	30.00	1.0
	22.23	AR1254	3618855	0.9856	0.3285	10.0	30.00	1.0
	23.64	AR1260	1113224	0.2540	0.0847	10.0	30.00	1.0
160	30.26	DCB	212279	0.0184	0.0061	10.0	30.00	1.0

05/21/98 17:21:57 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
88	17.51	Aroclor 1254-1	290636	0.4941	0.1647	10.0	30.00	1.0
91	17.91	Aroclor 1254-2	526078	0.6936	0.2312	10.0	30.00	1.0
100	19.67	Aroclor 1254-3	811473	0.7910	0.2637	10.0	30.00	1.0
107	20.81	Aroclor 1254-4	645010	1.1414	0.3805	10.0	30.00	1.0
117	22.23	Aroclor 1254-5	1345658	1.8332	0.6111	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
105	20.33	Aroclor 1260-1	388342	0.4487	0.1496	10.0	30.00	1.0
125	23.64	Aroclor 1260-4	379912	0.5948	0.1983	10.0	30.00	1.0
128	24.25	Aroclor 1260-5	344970	0.2944	0.0981	10.0	30.00	1.0

1D
PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

RB-2MS

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Matrix: (soil/water) WATER Lab Sample ID: 6209MS

Sample wt/vol: 500.0 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 05/06/98

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: Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	2.0	U
11104-28-2	Aroclor-1221	4.0	U
11141-16-5	Aroclor-1232	2.0	U
53469-21-9	Aroclor-1242	2.0	U
12672-29-6	Aroclor-1248	2.0	U
11097-69-1	Aroclor-1254	8.0	
11096-82-5	Aroclor-1260	2.0	U

FORM I PEST SW8082

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:17:33 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6209MS
Sample Number	: 050	Study	: 9800.916
AutoSampler	: BUILT-IN	Rack/Vial	: 1/50
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 12:47:43 PM	Cycle	: 50

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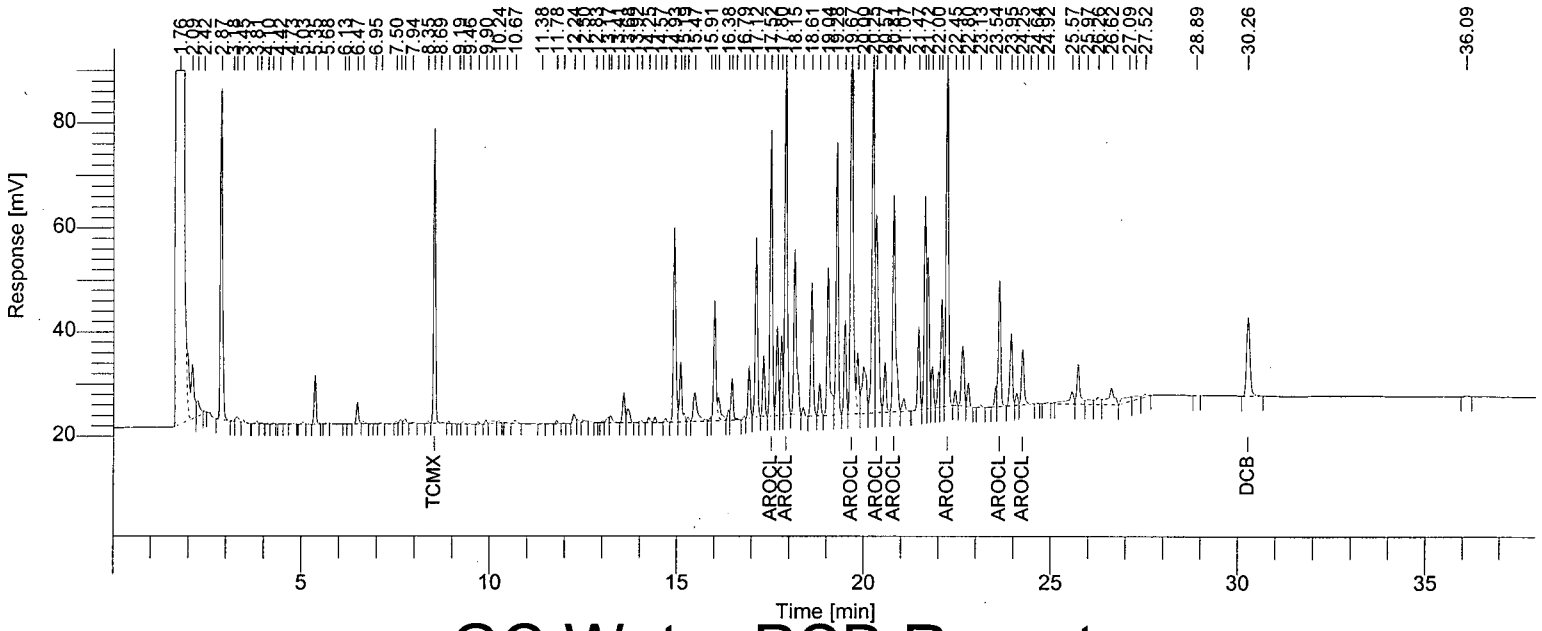
Calib Method : \\gcsrv1\TCData\hp68901\methods\681b_ar5460_0429.mth
Sequence File : \\gcsrv1\TCData\HP68901\May\980513320R\HP68_0513R_5460.seq



GC 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	8.53	TCMX	199678	0.0184	0.0004	500.0000	1.0000	10.0000
	19.67	AR1254	1480912	0.4033	0.0081	500.0000	1.0000	10.0000
	20.34	AR1260	362973	0.0828	0.0017	500.0000	1.0000	10.0000
122	30.26	DCB	95126	0.0083	0.0002	500.0000	1.0000	10.0000

05/21/98 17:17:33 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)
74	17.52	Aroclor 1254-1	236680	0.4024	0.0080	500.0000	1.0000	10.0000
77	17.91	Aroclor 1254-2	303374	0.4000	0.0080	500.0000	1.0000	10.0000
85	19.67	Aroclor 1254-3	428513	0.4177	0.0084	500.0000	1.0000	10.0000
91	20.81	Aroclor 1254-4	215283	0.3810	0.0076	500.0000	1.0000	10.0000
99	22.23	Aroclor 1254-5	297063	0.4047	0.0081	500.0000	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)
89	20.34	Aroclor 1260-1	202792	0.2343	0.0047	500.0000	1.0000	10.0000
105	23.63	Aroclor 1260-4	108248	0.1695	0.0034	500.0000	1.0000	10.0000
108	24.25	Aroclor 1260-5	51932	0.0443	0.0009	500.0000	1.0000	10.0000

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:17:28 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6209MS
Sample Number	: 050	Study	: 9800.916
AutoSampler	: BUILT-IN	Rack/Vial	: 1/50
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 12:47:43 PM	Cycle	: 50

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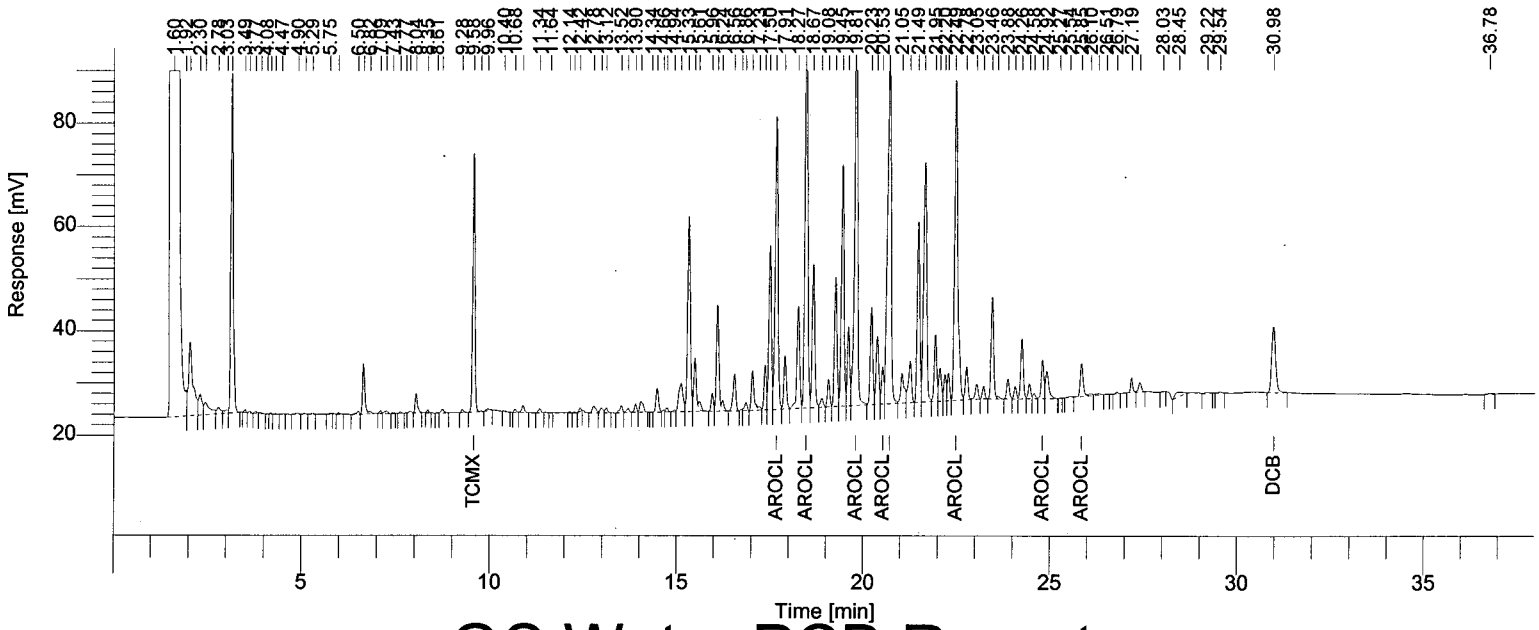

GC Water PCB Report

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)
36	9.58	TCMX	200469	0.0191	0.0004	500.0000	1.0000	10.0000
	19.81	AR1254	1968604	0.4639	0.0093	500.0000	1.0000	10.0000
	24.81	AR1260	99899	0.0241	0.0005	500.0000	1.0000	10.0000
122	30.98	DCB	92658	0.0086	0.0002	500.0000	1.0000	10.0000

05/21/98 17:17:28 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)
73	17.67	Aroclor 1254-1	295917	0.4739	0.0095	500.0000	1.0000	10.0000
76	18.47	Aroclor 1254-2	403013	0.4449	0.0089	500.0000	1.0000	10.0000
83	19.81	Aroclor 1254-3	449351	0.4903	0.0098	500.0000	1.0000	10.0000
87	20.71	Aroclor 1254-4	459489	0.4630	0.0093	500.0000	1.0000	10.0000
96	22.49	Aroclor 1254-5	360833	0.4489	0.0090	500.0000	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)
86	20.53	Aroclor 1260-1	30871	0.0389	0.0008	500.0000	1.0000	10.0000
107	24.81	Aroclor 1260-4	35252	0.0337	0.0007	500.0000	1.0000	10.0000
111	25.85	Aroclor 1260-5	33776	0.0673	0.0013	500.0000	1.0000	10.0000

1D
PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

RB-2MSD

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9800.916 SAS No.: SDG No.: 6198

Matrix: (soil/water) WATER Lab Sample ID: 6209MSD

Sample wt/vol: 500.0 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 05/06/98

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: Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	2.0	U
11104-28-2	Aroclor-1221	4.0	U
11141-16-5	Aroclor-1232	2.0	U
53469-21-9	Aroclor-1242	2.0	U
12672-29-6	Aroclor-1248	2.0	U
11097-69-1	Aroclor-1254	7.5	
11096-82-5	Aroclor-1260	2.0	U

FORM I PEST SW8082

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:17:41 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6209MSD
Sample Number	: 051	Study	: 9800.916
AutoSampler	: BUILT-IN	Rack/Vial	: 1/51
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 13:30:16 PM	Cycle	: 51

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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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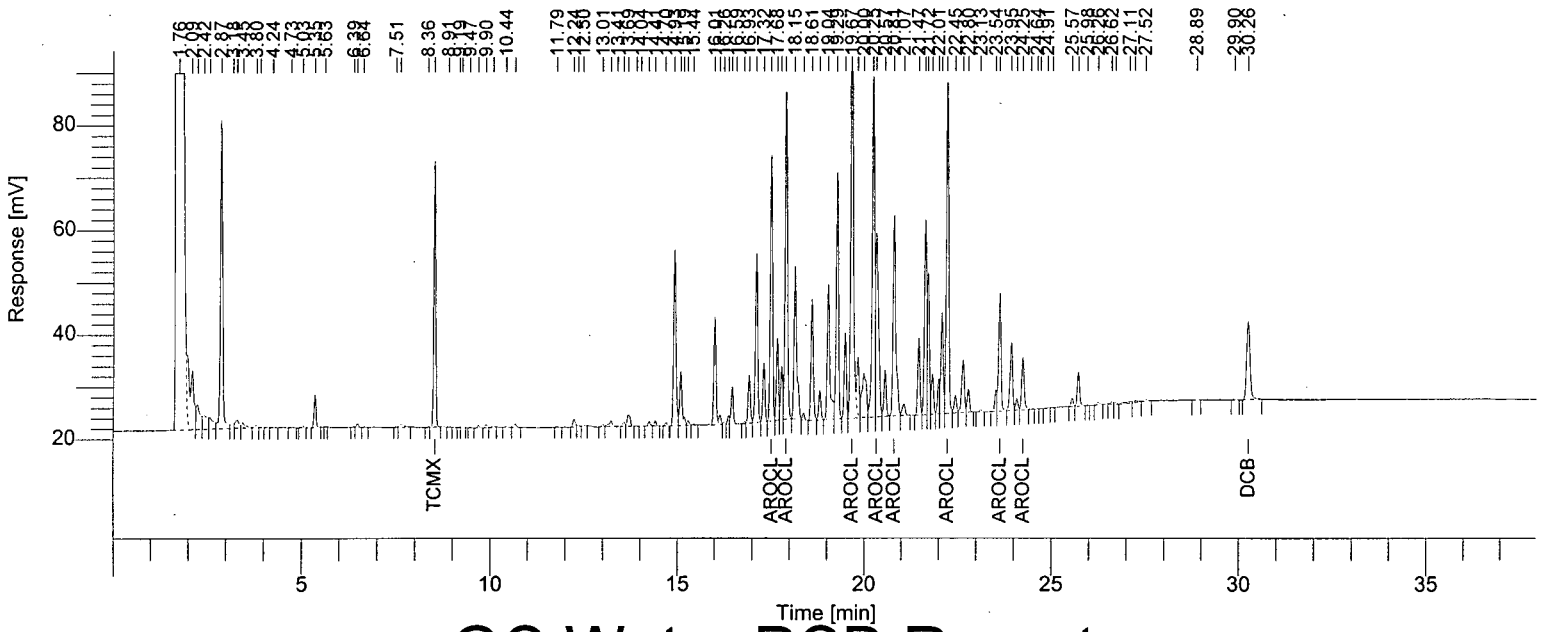

GC Water PCB Report

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)
23	8.53	TCMX	177571	0.0164	0.0003	500.0000	1.0000	10.0000
	19.67	AR1254	1380471	0.3760	0.0075	500.0000	1.0000	10.0000
	20.34	AR1260	337146	0.0769	0.0015	500.0000	1.0000	10.0000
113	30.26	DCB	94777	0.0082	0.0002	500.0000	1.0000	10.0000

05/21/98 17:17:41 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)
62	17.52	Aroclor 1254-1	217347	0.3695	0.0074	500.0000	1.0000	10.0000
65	17.91	Aroclor 1254-2	278315	0.3669	0.0073	500.0000	1.0000	10.0000
73	19.67	Aroclor 1254-3	406185	0.3960	0.0079	500.0000	1.0000	10.0000
79	20.81	Aroclor 1254-4	198516	0.3513	0.0070	500.0000	1.0000	10.0000
87	22.24	Aroclor 1254-5	280109	0.3816	0.0076	500.0000	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)
77	20.34	Aroclor 1260-1	187099	0.2162	0.0043	500.0000	1.0000	10.0000
93	23.64	Aroclor 1260-4	102421	0.1603	0.0032	500.0000	1.0000	10.0000
96	24.25	Aroclor 1260-5	47626	0.0406	0.0008	500.0000	1.0000	10.0000

Software Version	: 6.0.2:G11	Date	: 05/21/98 17:17:37 PM
Operator	: LEWANDOWSKIB	Sample Name	: 6209MSD
Sample Number	: 051	Study	: 9800.916
AutoSampler	: BUILT-IN	Rack/Vial	: 1/51
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 13:30:16 PM	Cycle	: 51

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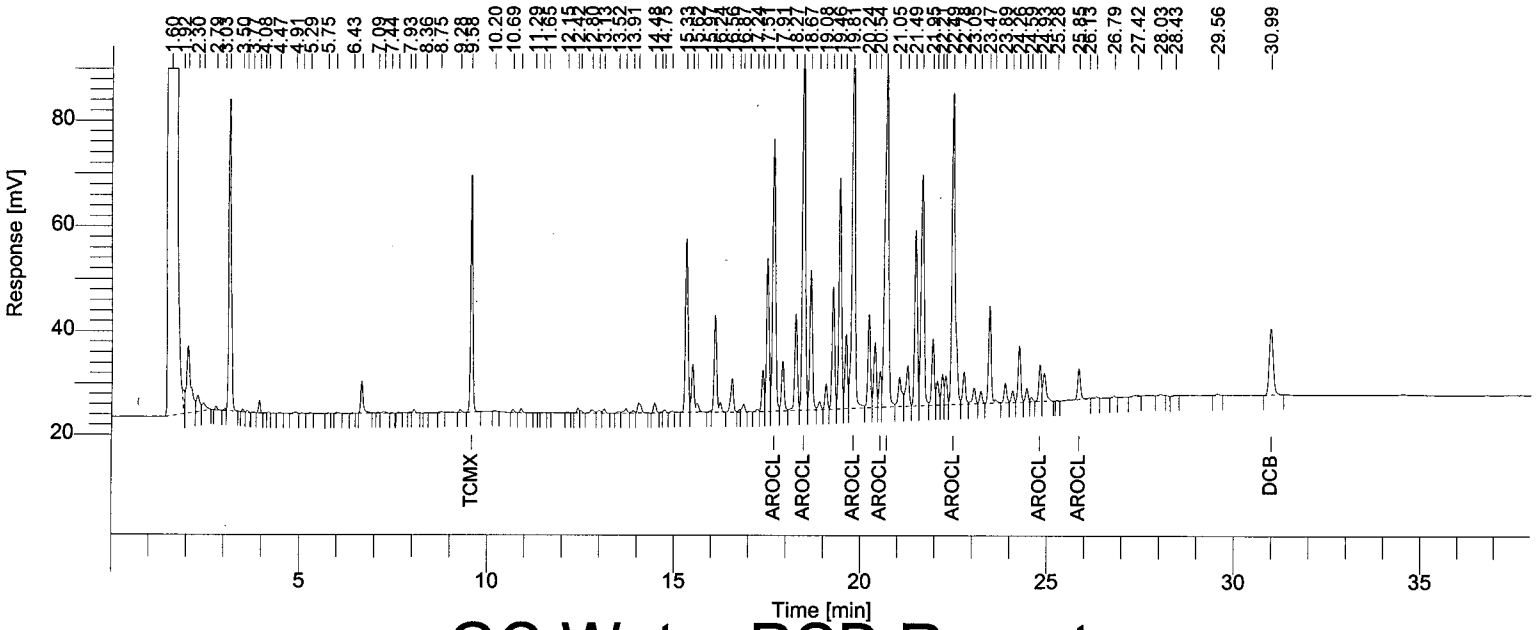

GC Water PCB Report

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)
32	9.58	TCMX	180586	0.0172	0.0003	500.0000	1.0000	10.0000
	19.81	AR1254	1883195	0.4438	0.0089	500.0000	1.0000	10.0000
	24.81	AR1260	95494	0.0231	0.0005	500.0000	1.0000	10.0000
111	30.99	DCB	93265	0.0086	0.0002	500.0000	1.0000	10.0000

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

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Raw Amount	Sample Conc. ug/L	Amt. Ext.(L)	Dilution Factor	Final Vol. (ml)
66	17.68	Aroclor 1254-1	277250	0.4440	0.0089	500.0000	1.0000	10.0000
69	18.47	Aroclor 1254-2	386370	0.4265	0.0085	500.0000	1.0000	10.0000
76	19.81	Aroclor 1254-3	426394	0.4652	0.0093	500.0000	1.0000	10.0000
80	20.71	Aroclor 1254-4	442145	0.4455	0.0089	500.0000	1.0000	10.0000
89	22.49	Aroclor 1254-5	351035	0.4367	0.0087	500.0000	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)
79	20.54	Aroclor 1260-1	30288	0.0381	0.0008	500.0000	1.0000	10.0000
100	24.81	Aroclor 1260-4	33395	0.0320	0.0006	500.0000	1.0000	10.0000
103	25.85	Aroclor 1260-5	31811	0.0634	0.0013	500.0000	1.0000	10.0000

Project No.

Book No. 1248 TITLE ecology and environment, inc.

From Page No.

Test Performed: PCB
Standard Method: Sop 4 Rev. 2
Date: 5/11/98
Work Performed by: R Braunold

9805113C1P
Bal. Cal. 807-187-2

Job No.	ID No.	Amount	Pt	Solvent	Exchange Solvent	F.V.	Date Conc.	SIGN	witness
9800.916	6209.013200	10.0ml		MeCl2	Hexane	10.0ml	5/11/98	RB.	
Weston	6209.013220	10.0ml 500ml		246311	620317				
	6209.013230	5.0/5.0ml		3x60ml	50ml				
901	6095.013200	1000ml 500/500ml							
WBIK	1248-162-1	10.0ml							
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 IPR5 only.
last Entry

last Entry R. Braunold 5/11/98

To Page No.

Witnessed & Understood by me, Date 5/14/98 Invented by Date

Recorded by

ecology and environment, inc.

SOIL EXTRACTION LOGBOOK

TEST PCB SOP# 19 REV# 2 BATCH# 9805113888P

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 Bot E 008

Hexane L20317

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					
9800.901	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					
	20 6097.01					
9800.916	MS 6198.01 3220					
	MSD 6198.01 3230					

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.

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ecology and environment

Project No.
Book No. 1219 TITLE

om Page No.

E. & E. Inc. ASC GC Lab Instrument Runlog

Notebook # 1219 Page # 58

STANDARDS
MAP
ICAL

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

Project No._____
Book No. 1219 TITLE _____

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, [signature] Date 5/19/98

Invented by [signature] Date

Recorded by

From Page No

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: BL 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

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.L.Ewandowski Init: BJ 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 5/19/98 Invented by Recorded by Date

Project No.
Book No. 1219 TITLE

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E. & E. Inc. ASC GC Lab Instrument Runlog

Notebook # 1219 Page # 66

Run Batch 98052L320R

Method: SW-846 8082 SOP GC.73
Inst.ID: HP68901A/HP68901B
Operator: Blewandowski Init: BS Date: 5/26/98

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 0526 001.rst		HEXANE	001	05/26/98	06:05:09 PM	L20317	1
1a 0526 002.rst	CCV	0.2UG/ML AR1660	002	05/26/98	06:47:43 PM	445-148-7	1
1a 0526 003.rst	CCV	0.2UG/ML AR1254	003	05/26/98	07:30:23 PM	445-185-1	1
1a 0526 004.rst	9800.916	6201	004	05/26/98	08:12:59 PM	HG +H2S04 100UL/1ML	10
1a 0526 005.rst	9800.916	6202	005	05/26/98	08:55:36 PM	HG +H2S04 100UL/200UL	2
1a 0526 006.rst	9800.916	6203	006	05/26/98	09:38:12 PM	HG +H2S04 100UL/200UL	2
1a 0526 007.rst	9800.916	6204	007	05/26/98	10:20:47 PM	HG +H2S04	1
1a 0526 008.rst	9800.916	6206	008	05/26/98	11:03:18 PM	HG +H2S04 100UL/400UL	4
1a 0526 009.rst	9800.901/916	1248-162-1	009	05/26/98	11:45:55 PM	HG +H2S04	1
1a 0526 010.rst	9800.901/916	AR1660 IPR 1	010	05/27/98	12:28:36 AM	HG +H2S04	1
1a 0526 011.rst	9800.901/916	AR1660 IPR 2	011	05/27/98	01:11:19 AM	HG +H2S04	1
1a 0526 012.rst	9800.901/916	AR1660 IPR 3	012	05/27/98	01:53:58 AM	HG +H2S04	1
1a 0526 013.rst	9800.901/916	AR1660 IPR 4	013	05/27/98	02:36:39 AM	HG +H2S04	1
1a 0526 014.rst		HEXANE	014	05/27/98	03:19:18 AM	L20317	1
1a 0526 015.rst	CCV	0.2UG/ML AR1660	015	05/27/98	04:01:52 AM	445-148-7	1
1a 0526 016.rst	CCV	0.2UG/ML AR1254	016	05/27/98	04:44:31 AM	445-185-1	1

BS 5/27/98

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Witnessed & Understood by me, | Date 5/27/98 | Invented by | Date | 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.