ecology and environment, inc.
International Specialists in the Environment

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

RECEIVED
MAY - 1 1996
MAY-01, 1996

April 30, 1996

Ms. Smita Sumbaly
Roy F. Weston
1090 King Georges Post Road
Suite 201
Edison, New Jersey 08837

RE: 9600.789

Dear Ms. Sumbaly:

Attached is the laboratory report of the analyses conducted on samples received at the Analytical Services Center on April 24, 1996. Analyses were performed according to procedures set forth in NIOSH 5503 and 7300.

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.

All 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 samples 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 samples is authorized by the client.

CASE NARRATIVE

Desorption efficiency raw data is located on pages 8-13 of this data package.

211220

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METALS

Due to software limitations, E & E identification codes have been used throughout this report. Full client ID's can be found in the comment section on form 1.

The following calculation was used for the determination of arsenic and lead in air samples:

$$\frac{\text{ug}}{\text{Liter}} \times \frac{0.01\ \text{Liter}}{1\ \text{filter}} = \frac{\text{ug}}{\text{filter}}$$

The spike recoveries for samples MCEF-SA and MCEF-SB were calculated using the associated lot blanks as the original sample results (MCEF-LA and MCEF-LB respectively).

Lead was detected in the preparation blank at 0.256 ug/filter, just above the IDL of 0.21 ug/filter. Lead was also detected in all the samples. It is not possible to redigest and reanalyze filters.

PCB in Air

The following calculations were used for the determination of PCB's in air samples:

1. $$\text{Result}\ \frac{\text{ug}}{\text{tube}} = \frac{1.0\ \text{ml final volume}}{\text{tube}} \times \text{concentration}\ \frac{\text{ug}}{\text{ml}}$$

2. liters x (1 cubic meter / 1000 liters) = 1 cubic meter

$$\text{Result}\ \frac{\text{ug}}{\text{cubic meter}} = \text{concentration}\ \frac{\text{ug}}{\text{ml}} \times \frac{1.0\ \text{ml final volume}}{\text{volume sampled (cubic meter)}}$$

$\frac{(0.1)(1000L)}{(30L)\ m^3} = 3.3\ug/m^3$

Accidentally, pesticide spiking solution was added to all samples instead of PCB surrogate solution. The pesticide compounds do not interfere with the PCB pattern.

The extraction codes for the PCB in air analyses are as follows: 3200 = front end of tube, 3210 = back end of tube, 3220 = front end of spiked tube, 3290 = back end of spiked tube.

The continuing AROCLOR-1254 standards (runs 17, 28, & 35) exceeded the 15% difference criteria. Percent differences were 16%, 17%, and 24% respectively.

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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.

Gary Hahn

Gary Hahn - Manager
Analytical Services Center
April 30, 1996

Total number of pages in this data package is: 358 .

CHAIN OF CUSTODY RECORD

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ENVIRONMENTAL PROTECTION AGENCY — REGION II
Environmental Services Division
EDISON, NEW JERSEY 08817

Name of Unit and Address: Roy F. Weston - START
1090 King Georges Post Rd
Suite 201 Edison NJ 08837 (908) 225-6116

REF: RFP# 1316

Sample Number	Number of Containers	Description of Samples
MCEF-SA	1	NIOSH 7300- LOT SPIKE A volume = 0 litres ~~SKO~~ JO
MCEF-SB	1	NIOSH 7300 - LOT SPIKE B
MCEF-LA	1	NIOSH 7300 - LOT BLANK A
MCEF-LB	1	NIOSH 7300 - LOT BLANK B
MCEF-FA	1	NIOSH 7300 - Field BLANK A
MCEF-FB	1	NIOSH 7300 - Field BLANK B volume = 0 litres
STN1-Pb	1	STATION 1 - MCEF volume = 900 l
STN2-Pb	1	STATION 2 - MCEF volume = 900 l
STN3-Pb	1	STATION 3 - MCEF volume = 900 l
STN4-Pb	1	STATION 4 - MCEF volume = 900 l

ALL samples below for analysis per NIOSH 7300 for lead, cadmium, silver, arsenic

GILIAN FILTER LOT: 922I229

Person Assuming Responsibility for Sample:	Time	Date
Josh [illegible]	5:30 pm	4/23/96

Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody
ALL	Josh [illegible]				
Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody
	FedEx	Keith H. [illegible]	0930	4-24-96	Analysis
Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody
Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody

CHAIN OF CUSTODY RECORD

RECEIVED MAY 1 1996

ENVIRONMENTAL PROTECTION AGENCY – REGION II
Environmental Services Division
EDISON, NEW JERSEY 08817

Name of Unit and Address: ROY F. WESTON - START
1090 KING GEORGES POST Rd
SUITE 201 EDISON NJ 08837 (908) 225-6116

RFP#: 1316

Sample Number	Number of Containers	Description of Samples
		* ALL SAMPLES BELOW FOR ANALYSIS PER NIOSH 5503 ** SAMPLES ENTAIL BOTH A FLORISIL TUBE + A 13mm GLASS FIBER FILTER
LB-PCB (A,B,C)	3 SETS	3 LOT BLANKS - NIOSH 5503 VOLUME = 0 SKC LOT 377 FLORISIL TUBES || FILTER LOT = SKC 9494
BLND-PCB (A,B,C)	3 SETS	3 BLIND SPIKES - NIOSH 5503 VOLUME = 0
ANAL-PCB (A,B,C)	3 SETS	3 ANALYTICAL SPIKES - NIOSH 5503 VOLUME = 0
DE-PCB (A-O)	15 SETS	15 DESORPTION EFFICIENCY SAMPLES - NIOSH 5503 VOLUME = 0
STN1-PCB	1 SET	STATION 1 PCB VOL = 30 l
STN2-PCB	1 SET	STATION 2 PCB VOL = 30 l
STN3-PCB	1 SET	STATION 3 PCB VOL = 30 l
STN4-PCB	1 SET	STATION 4 PCB VOL = 30 l

Person Assuming Responsibility for Sample: [signature] Time: 5:30 pm Date: 4/23/96

Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody
ALL	[signature]				
Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody
	Fed Ex	[signature]	0930	4-24-96	Analysis
Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody
Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody

1995

Ecology and Environment, Inc.
Analytical Services Center
Cooler Receipt Form

PACKAGE RECEIPT #: 636 NUMBER OF COOLERS: 1 DATE RECEIVED: 4-24-96

E&E Project #: Project or Site Name: Roy F. Weston -START

A: Preliminary Examination Phase

(CIRCLE ONE)

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

if YES, enter carrier here and print airbill # below: FedEx

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

if YES, how many and where: 1 at each seam

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

4 Where custody seals dated and signed? YES NO*

if YES, enter Date: 4-23-96 Name: J. Price

5 Initial here to acknowledge receipt of cooler(s): WLK

B Unpacking Phase:

Date Cooler(s) Opened: 4-24-96 C-O-C Numbers:

Coolers Opened By(print): William H. Howard (sign): William H. Howard

6 Where C-O-C forms received and sealed in plastic bag? YES NO*

7 Was the project identifiable from the C-O-C form? YES NO

if YES, enter the project number and name in the heading above.

8 Was enough packing material used in cooler(s)? YES NO

Circle type of material: Vermiculite Bubble Wrap Other

9 If required, was enough ice used?: NA ~~YES~~ ~~NO~~

if YES, circle type of ice: WET DRY BLUE Other

10 Was a temperature blank included inside cooler(s)? YES NO

if Yes, indicate temperature in table below.

If No, indicate Cooler temperature in table below.

11 Were all containers sealed in separate plastic bags?: YES NO*

12 Did all containers arrive unbroken and in good condition? YES NO

C Login Phase:

Date Samples Logged in: 4-24-96

Samples logged in By(print): William H. Howard (sign): William H. Howard

13 Were all container labels complete(eg.date,time,preserv.)? YES NO*

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

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

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

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

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

19 Were all volatile samples received without head space? NA ~~YES~~ ~~NO~~

Please record Temp. Blank or Cooler Temp. for each cooler, range (2 - 5 C°)*

AIRBILL #	TEMP.C°	AIRBILL #	TEMP.C°	AIRBILL #	TEMP.C°
335 5819 302	NA				

* If NO or Temp. outside of acceptable range a Discrepancy form must be filed.

6

JOB NUMBER : 9600.789

Ecology and Environment, Inc.
SAMPLE TRACKING REPORT

SAMPLE NUMBER	CLIENT SAMPLE ID	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
TO-10 PCB IN AIR	-AIR			
43062.01	BLIND-PCB-A	04/23/96	04/25/96	04/26/96
43063.01	BLIND-PCB-B	04/23/96	04/25/96	04/26/96
43064.01	BLIND-PCB-C	04/23/96	04/25/96	04/26/96
43065.01	LB-PCB-A	04/23/96	04/25/96	04/26/96
43066.01	LB-PCB-B	04/23/96	04/25/96	04/26/96
43067.01	LB-PCB-C	04/23/96	04/25/96	04/26/96
43068.01	STN1-PCB	04/23/96	04/25/96	04/26/96
43069.01	STN2-PCB	04/23/96	04/25/96	04/26/96
43070.01	STN3-PCB	04/23/96	04/25/96	04/26/96
43071.01	STN4-PCB	04/23/96	04/25/96	04/26/96

Batch No. 0426203P

Test Performed: METALS DIGESTION

Date: 4-26-96

Work Performed by: C. Baldwe

Job Number	ID Number	pH (1 - 14)	Color	Clarity	Texture	Artifacts	Digestion Code (ICP)	Digestion Code Furnace	Initial Weight or Volume	Final Weight or Volume	Color (Final) ICP	Clarity (Final) ICP	Color (Final) Furnace	Clarity (Final) Furnace
9600.789	43049.01 Ø MCEF-SA				SPK		28		1 Filter	10ml	CL	C		
	43050.01 Ø MCEF-SB				SPK									
	43051.01 MCEF-LA													
	43052.01 MCEF-LB													
	43053.01 MCEF-FA													
	43054.01 MCEF-FB													
	43055.01 STN1-PB													
	43056.01 STN2-PB													
	43057.01 STN3-PB													
	43058.01 STN3-PB													
	PB 500								-					
	LCS 500								-					

Ø Added 100 ml of ICP Spiking Solutions #1 (lot #W152) and #2 (lot #W251)

Comments:

BALANCE MODEL _____

CALIBRATION SERIAL # _____

0.50g = _____ HOT PLATE _____

1.00g = _____ TEMP= _____

2.00g = _____

Circle one reference

REFERENCE	METHOD		
CLP	ILMO 3.0	ILMO 4.0	
SW846	3050 (SOLIDS)	3010 (ICP-WATER)	3020 (FURNACE-WATER)
OTHER	NIOSH Air Filters		

Approved by: _____ Date: _____

F0131191.PM6

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR PCB IN AIR SAMPLES

9600.789

(ug/tube)

Parameter	E & E Laboratory No. 96-43059	Original Value	Amount Added	Amount Determined	Percent Recovery
PCB-1242	Front	ND	2.0	1.86	93.0

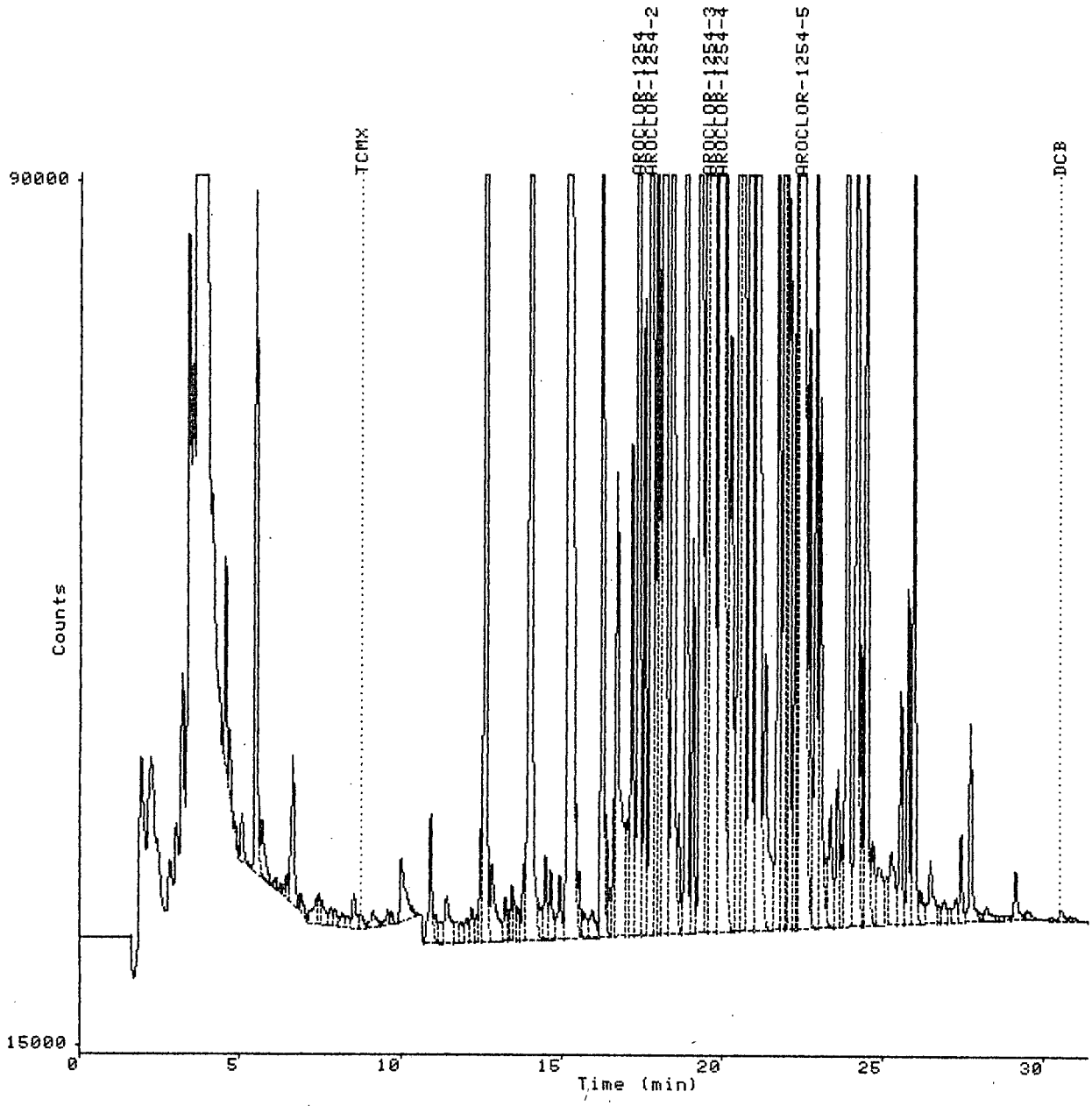
THIS RECOVERY IS WITHIN E & E, INC. QC TARGETS.

ND = NOT DETECTED

Run Number..... 8
Sample Name..... 43059 3220
Run Date..... 25-APR-1996 22:14:25
Raw File..... 6_0425_008
Method Name..... 6_1254_0425
Method Type..... Linear

ANAL-PCB-A

58901B 30M 0.53mm RTX-35 2uL INJ



43059 3220

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43059 3220 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_008 Analysis Date: 25-APR-1996 22:14:25

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.53		85938	BV	1
	4.68		26983	VV	2
	4.85		4987	VB	3
	5.06		24953	BB	4
	5.49		298755	BE	5
	5.69		42412	EB	6
	6.11		4020	VB	7
	6.28		2783	BV	8
	6.37		3086	VV	9
	6.46		9539	VV	10
	6.64		87331	VB	11
	6.88		13649	BB	12
	7.37		21399	BV	13
	7.44		14621	VV	14
	7.52		20620	VV	15
	7.84		11616	VV	16
	7.95		11761	VV	17
	8.19		10223	VV	18
	8.34		7806	VV	19
	8.55		24412	VV	20
TCMX	8.76	-0.00177	11030	VB	21
DM 4/29	9.13		18665	BV	22
	9.59		11097	VV	23
	9.70		6922	VB	24
	10.00		71434	BE	25
	10.92		79183	BE	26
	11.08		14165	EV	27
	11.21		18749	EV	28
	11.42		53951	VV	29
	11.70		19056	VV	30
	11.89		14092	VV	31
	12.04		16367	VV	32
	12.21		25492	VV	33
	12.38		13550	VV	34
	12.49		46991	VV	35
	12.61		2154806	VE	36
	12.83		84898	EV	37
	13.26		23624	VV	38
	13.37		12791	VV	39
	13.47		26738	VV	40
	13.55		18133	VV	41
	13.67		16570	VV	42
	13.83		33575	VV	43
	14.03		2103679	VE	44
	14.37		23428	EV	45
	14.50		44892	EV	46
	14.66		40174	EV	47
	14.94		45300	VV	48
	15.23		3569721	VE	49
	15.54		37332	EV	50

Sample ID: 43059 3220 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_008 Analysis Date: 25-APR-1996 22:14:25

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	15.69		22271	EV	51
	15.97		30676	EV	52
	16.25		565916	VE	53
	16.38		31742	EV	54
	16.51		19021	EV	55
	16.63		48675	VV	56
	16.72		344172	VV	57
	17.03		63031	VV	58
	17.17		225776	VV	59
AROCLOR-1254	17.36	2.00	870119	VV	60
	17.56		281159	VV	61
AROCLOR-1254-2	17.75	1.94	1510712	VV	62
	17.92		464790	VV	63
	18.03		241475	VV	64
	18.15		1976572	VV	65
	18.39		973453	VE	66
	18.61		48865	EV	67
	18.84		671218	VV	68
	19.06		172067	VV	69
	19.28		947874	VV	70
AROCLOR-1254-3	19.52	1.55	1169120	VV	71
	19.61		5822963	VV	72
AROCLOR-1254-4	19.90	1.96	3154464	VE	73
	20.06		245537	EV	74
	20.22		426914	EV	75
	20.48		1837954	VV	76
	20.55		1141881	VV	77
	20.81		3488129	VV	78
	21.03		1555268	VE	79
	21.29	$\bar{x}$ = 1.86	221526	EV	80
	21.69		585849	VV	81
	21.87	(4)	1225132	VV	82
	21.92		842871	VV	83
	22.05		285453	VV	84
	22.23		198230	VV	85
	22.31		622785	VV	86
~~AROCLOR-1254-5~~	22.42	~~4.58~~	5731280	VE	87
DMR 4/25/96	22.66		247161	EV	88
	22.88		411316	EV	89
	23.01		282208	VE	90
	23.23		28845	EV	91
	23.34		79963	EV	92
	23.56		91578	VV	93
	23.70		34111	VV	94
	23.84		1013168	VV	95
	24.16		678843	VE	96
	24.29		99409	EV	97
	24.45		717978	VE	98
	24.67		53293	EV	99
	24.87		71120	EV	100
	25.14		32915	VV	101

Sample ID: 43059 3220 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_008 Analysis Date: 25-APR-1996 22:14:25

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	25.24		75197	VV	102
	25.54		117418	VV	103
	25.76		145176	VV	104
	25.92		425589	VE	105
	26.15		24763	EV	106
	26.45		59861	VV	107
	26.71		12130	VV	108
	26.89		19581	VV	109
	27.08		9063	VV	110
	27.26		19458	VV	111
	27.41		43163	VV	112
	27.70		104139	VE	113
	28.07		4653	EV	114
	28.21		16781	EV	115
	28.50		2814	VV	116
	28.62		4348	VV	117
	28.82		5775	VV	118
	29.09		33762	VE	119
	29.52		10475	EB	120
DCB	30.54	5.70E-04	8440	VV	121
	32.86		4920	BB	122
	33.41		10986	BV	123
	33.72		5246	VV	124
	33.93		2579	VB	125

DMA 4/29

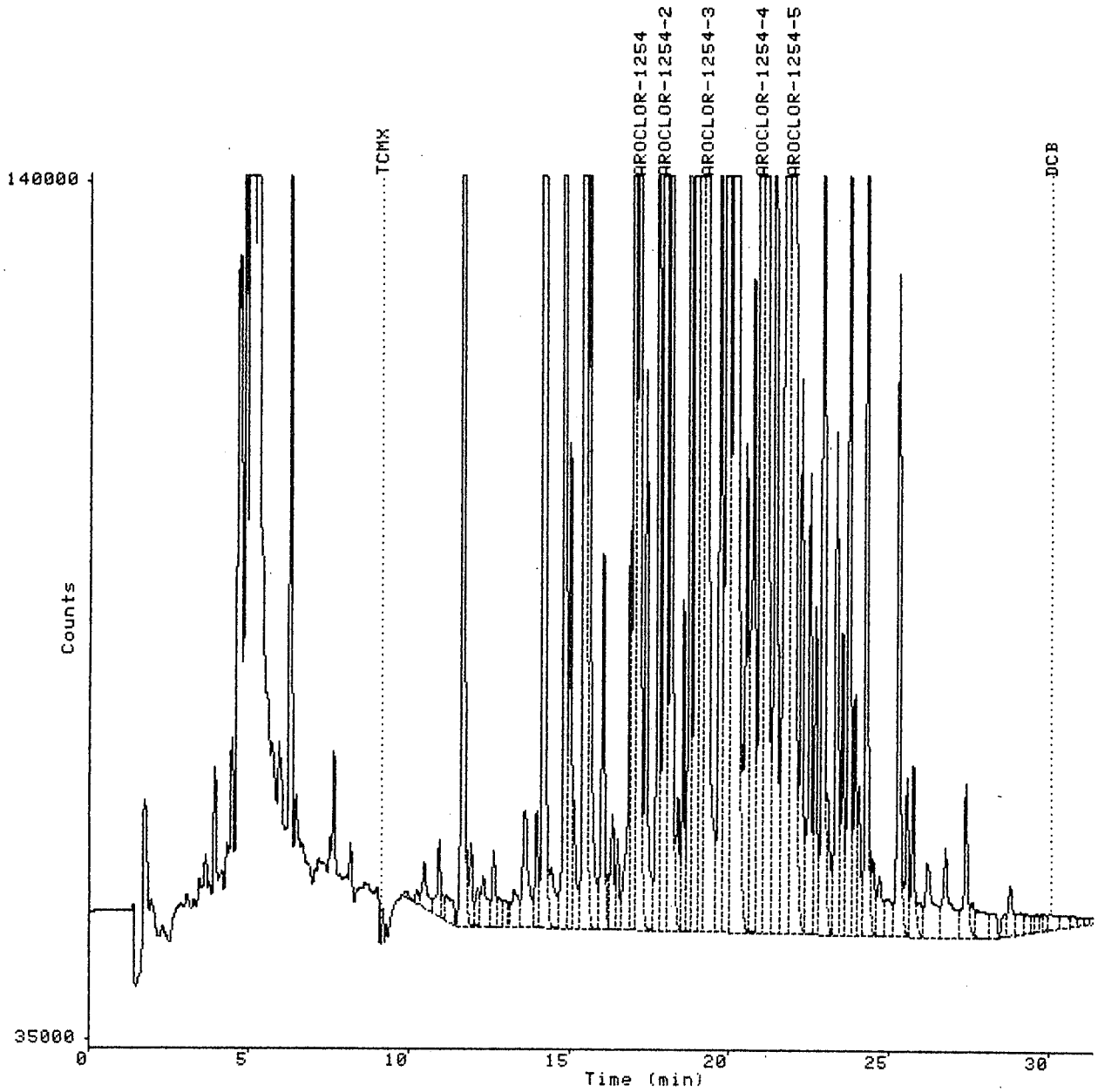
Average result...~~2.41~~ 1.86 UG/ML TV=2.0 93.0%

Run Number..... 8 End of Report.

ANAL-PCB-A

Run Number..... 8
Sample Name..... 43059 3220
Run Date..... 25-APR-1996 22:14:31
Raw File..... 5_0425_008
Method Name..... 5_1254_0425
Method Type..... Linear

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43059 3220

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43059 3220 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_008 Analysis Date: 25-APR-1996 22:14:31

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	9.91		6591	BB	1
	10.24		10430	BV	2
	10.46		61439	VV	3
	10.92		65915	VV	4
	11.05		14048	VV	5
	11.26		48515	VB	6
	11.64		1888768	BE	7
	11.93		83425	EV	8
	12.14		43556	EV	9
	12.30		75993	VV	10
	12.63		69862	VV	11
	12.77		34750	VV	12
	12.96		24555	VV	13
	13.10		15449	VV	14
	13.27		66990	VV	15
	13.59		180905	VV	16
	13.97		95790	VV	17
	14.17		2104824	VE	18
	14.41		94051	EV	19
	14.81		1042098	VV	20
	14.98		343772	VV	21
	15.09		102407	VV	22
	15.43		3565573	VE	23
	15.57		706648	EV	24
	16.03		312986	VE	25
	16.20		28691	EV	26
	16.33		101532	VV	27
	16.49		72821	VV	28
	16.86		321877	VV	29
	16.98		1021962	VV	30
AROCLOR-1254	17.13	1.97	2077042	VE	31
	17.36		438356	EV	32
	17.72		728194	VV	33
AROCLOR-1254-2	17.92	2.01	2905445	VV	34
	18.12		1059272	VE	35
	18.36		110062	EV	36
	18.52		237796	VV	37
	18.71		931294	VV	38
	18.90		2067798	VV	39
	19.09		6492851	VV	40
AROCLOR-1254-3	19.25	1.95	3529547	VV	41
	19.67		845444	VV	42
	19.88		5225035	VV	43
	20.15		3819599	VE	44
	20.48		470420	EV	45
	20.71		675245	EV	46
AROCLOR-1254-4	20.92	2.28	1822522	VV	47
	21.09		2485655	VV	48
	21.38		927971	VV	49
	21.73		5584326	VV	50

Sample ID: 43059 3220 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_008 Analysis Date: 25-APR-1996 22:14:31

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
AROCLOR-1254-5	21.90	2.01	3541472	VE	51
	22.20		411100	EV	52
	22.47		387089	EV	53
	22.65		258564	VV	54
	22.88		1088599	VE	55
	23.02		114312	EV	56
	23.29		424909	VV	57
	23.48		208858	VV	58
	23.68		648216	VV	59
	23.88		185808	VV	60
	23.99		111389	VV	61
	24.22		685365	VE	62
	24.45		82626	EV	63
	24.66		81900	EV	64
	24.91		62345	VV	65
	25.25		520857	VE	66
	25.51		127293	EV	67
	25.70		143993	VE	68
	25.91		39348	EV	69
	26.16		161446	VV	70
	26.72		167168	VV	71
	27.36		154934	VE	72
	27.57		35612	EV	73
	27.74		74873	EV	74
	28.17		48607	VB	75
	28.59		29510	BV	76
	28.74		63473	VV	77
	29.04		46396	VV	78
	29.28		24382	VV	79
	29.45		16967	VV	80
	29.58		20203	VV	81
	29.74		12508	VV	82
	29.81		19052	VV	83
DCB	30.02	-8.90E-04	41092	VV	84
	30.44		30028	VV	85
	30.72		20064	VV	86
	30.97		14261	VV	87
	31.21		7728	VV	88
	31.38		13004	VV	89
	31.66		12819	VV	90
	31.94		7909	VV	91
	32.45		7866	VV	92
	33.98		3022	VV	93
	34.83		5595	BB	94
	35.31		7029	BV	95
	35.63		15704	VV	96
	36.06		9434	VV	97
	36.49		3599	VV	98

Average result...2.04 UG/ML

TEST CODE :APCB 1

JOB NUMBER :9600.789
ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : ROY F. WESTON
TEST NAME : TO-10 PCB IN AIR
UNITS : UG/TUBE
SAMPLE ID LAB : EE-96-43062
MATRIX: AIR
SAMPLE ID CLIENT: BLIND-PCB-A

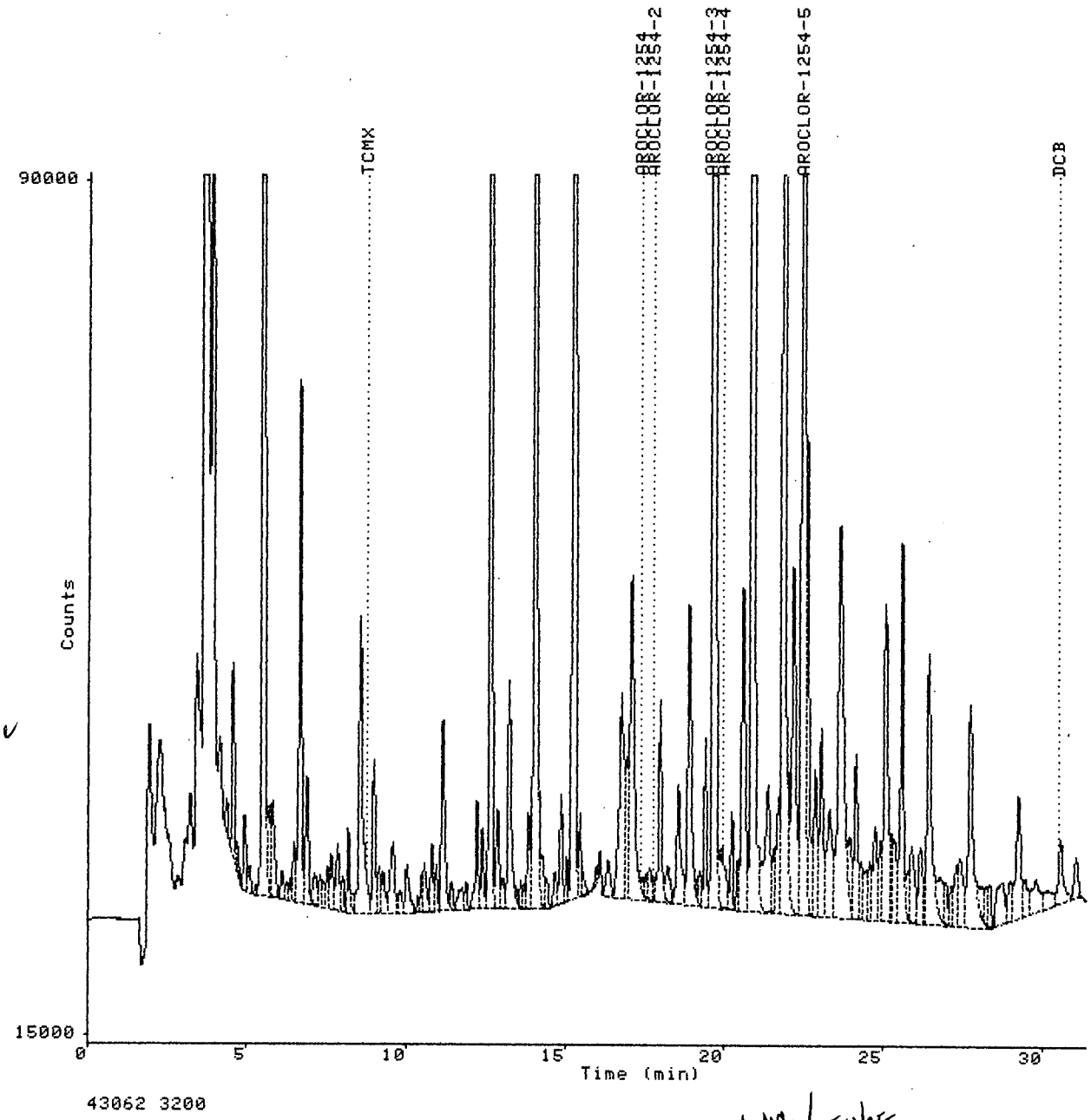
PARAMETER	RESULTS	Q	QNT. LIMIT
PCB-1242	ND		0.10
PCB-1254	ND		0.10
PCB-1221	ND		0.10
PCB-1232	ND		0.10
PCB-1248	ND		0.10
PCB-1260	ND		0.10
PCB-1016	ND		0.10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
N = ANALYTE WAS NOT CONFIRMED BY ALTERNATE PROCEDURE

Run Number..... 13
Sample Name..... 43062 3200
Run Date..... 26-APR-1996 01:47:12
Raw File..... 6_0425_013
Method Name..... 6_1254_0425
Method Type..... Linear

Blind-PCB-A

58901B 30M 0.53mm RTX-35 2uL INJ



0.1 mg x 1ml / ml / Tube

All PCB's < 0.1 mg / Tube

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43062 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_013 Analysis Date: 26-APR-1996 01:47:12

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.36		16171	BB	1
	4.55		92868	BE	2
	4.69		14197	EB	3
	4.93		40826	BV	4
	5.09		12766	VB	5
	5.30		3591	BV	6
	5.51		950938	VE	7
	5.69		37436	EV	8
	5.80		69581	EB	9
	6.12		15872	BV	10
	6.28		9735	VV	11
	6.40		7635	VV	12
	6.48		27959	VV	13
	6.66		258610	VV	14
	6.88		79760	VE	15
	7.14		22920	EV	16
	7.30		16092	VV	17
	7.39		13494	VV	18
	7.53		20196	VV	19
	7.64		33691	VV	20
	7.84		37472	VV	21
	8.01		20054	VB	22
	8.18		37071	BE	23
	8.29		9451	EV	24
	8.55		206922	VV	25
	8.98		87049	VV	26
	9.14		23937	VV	27
	9.27		25934	VV	28
	9.57		59083	VV	29
	9.72		6971	VV	30
	9.81		13545	VV	31
	10.01		37001	VB	32
	10.36		6636	BV	33
	10.49		15662	VV	34
	10.56		32246	VV	35
	10.80		37142	VV	36
	10.93		23272	VV	37
	11.13		127054	VE	38
	11.41		15222	EB	39
	11.74		23054	BV	40
	11.88		12548	VB	41
	12.21		57251	BV	42
	12.39		38993	VV	43
	12.62		2475704	VE	44
	12.86		64397	EV	45
	13.04		17867	EV	46
	13.22		164766	VE	47
	13.47		5822	EV	48
	13.60		10796	EV	49
	13.70		11161	EV	50

Sample ID: 43062 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_013 Analysis Date: 26-APR-1996 01:47:12

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.84		54950	VV	51
	14.04		2309970	VE	52
	14.27		39415	EV	53
	14.42		12975	EB	54
	14.68		21429	BV	55
	14.86		60155	VV	56
	15.04		19414	VV	57
	15.25		2040352	VE	58
	15.45		36832	EV	59
	15.56		11574	EB	60
	15.99		4713	BB	61
	16.36		27636	BB	62
	16.76		206434	BV	63
	16.95		54877	VV	64
	17.07		271109	VE	65
AROCLOR-1254	17.45	-0.0375	9649	EV	66
	17.57		9591	EV	67
	17.64		19066	EV	68
AROCLOR-1254-2	17.77	-0.0621	10640	EV	69
	17.95		103476	VE	70
	18.19		30442	EV	71
	18.52		95306	VV	72
	18.86		221344	VE	73
	19.09		3312	EV	74
	19.16		7533	EV	75
	19.22		15246	EV	76
	19.37		72629	VV	77
AROCLOR-1254-3	19.62	7.32	5417780	VE	78
AROCLOR-1254-4	19.90	0.00253	70121	EV	79
	20.20		43641	EB	80
	20.40		24154	BV	81
	20.54		232631	VV	82
	20.83		3996781	VE	83
	21.32		143223	EV	84
	21.55		37511	EV	85
	21.66		58984	VV	86
	21.80		1403787	VE	87
	22.13		283567	EV	88
AROCLOR-1254-5	22.41	2.76	3459577	VE	89
	22.56		201496	EV	90
	22.82		105968	VV	91
	23.01		124565	VV	92
	23.28		119031	VV	93
	23.60		426053	VE	94
	23.91		48343	EV	95
	24.10		104053	VV	96
	24.26		37718	VV	97
	24.44		33775	VV	98
	24.56		36067	VV	99
	24.72		70304	VV	100
	24.90		44470	VV	101

Sample ID: 43062 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_013 Analysis Date: 26-APR-1996 01:47:12

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	25.04		244782	VV	102
	25.22		40479	VV	103
	25.32		51196	VV	104
	25.55		208028	VE	105
	25.76		22577	EV	106
	25.85		68612	EV	107
	26.13		62269	VV	108
	26.26		9358	VV	109
	26.39		236190	VE	110
	26.76		49514	EV	111
	26.94		22565	EV	112
	27.14		26098	VV	113
	27.28		37510	VV	114
	27.38		64669	VV	115
	27.70		217138	VE	116
	28.06		27135	EV	117
	28.25		25156	EV	118
	28.31		23132	EB	119
	28.70		66382	BV	120
	28.94		37281	VV	121
	29.20		113211	VV	122
	29.41		37716	VV	123
	29.77		51693	VV	124
	30.15		32364	VV	125
DCB	30.54	0.00311	64601	VV	126
	31.03		31900	VB	127
	31.90		16834	VV	128
	32.27		6052	VV	129
	32.57		8730	VV	130
	32.92		13249	VB	131
	33.30		26806	BV	132
	33.55		4667	VV	133
	33.83		27669	VV	134
	34.43		8231	VB	135

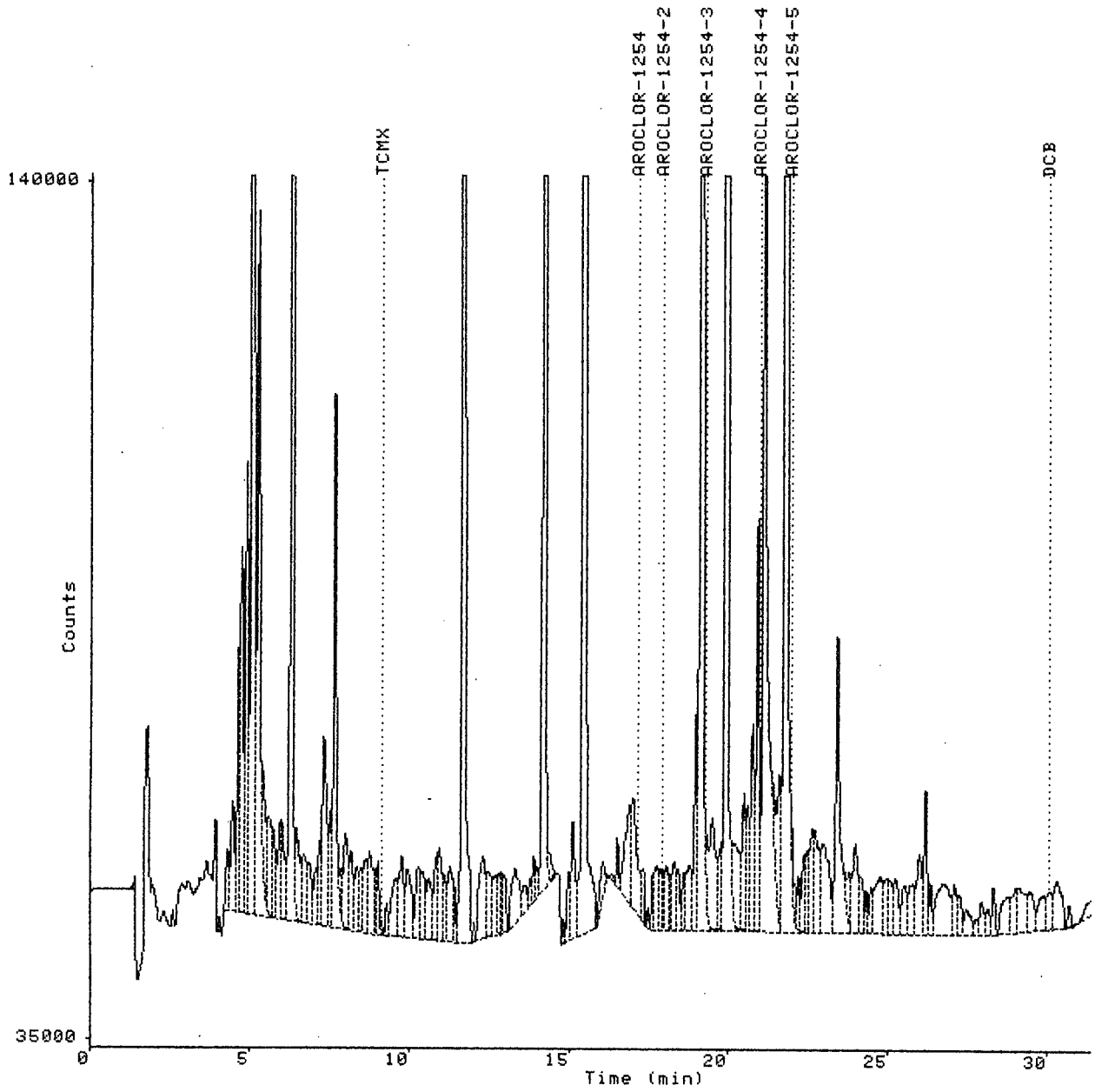
Average result...2.00 UG/ML

Run Number..... 13 End of Report.

Run Number..... 13
Sample Name..... 43062 3200
Run Date..... 26-APR-1996 01:47:17
Raw File..... 5_0425_013
Method Name..... 5_1254_0425
Method Type..... Linear

Blind-PCB-A

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43062 3200

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43062 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_013 Analysis Date: 26-APR-1996 01:47:17

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.31		48405	BV	1
	4.46		105535	VV	2
	4.66		166352	VV	3
	4.74		305944	VV	4
	4.89		323665	VV	5
	5.06		1373640	VV	6
	5.26		658398	VE	7
	5.42		84273	EV	8
	5.60		112142	EV	9
	5.71		82755	VV	10
	5.95		71614	VV	11
	6.00		85753	VV	12
	6.29		1106402	VE	13
	6.47		98551	EV	14
	6.70		91557	EV	15
	6.87		56263	VV	16
	7.08		47680	VV	17
	7.18		61072	VV	18
	7.32		231229	VV	19
	7.53		76522	VV	20
	7.65		410060	VE	21
	7.87		35785	EV	22
	8.01		114601	EV	23
	8.18		77365	VV	24
	8.37		62454	VV	25
	8.50		52687	VV	26
	8.65		77336	VV	27
	8.76		109786	VV	28
	8.93		25992	VV	29
	9.02		44921	VE	30
TCMX	9.13	-0.00261	4820	EB	31
	9.31		24203	BV	32
	9.62		97308	VV	33
	9.75		92295	VV	34
	9.95		116071	VV	35
	10.29		88969	VV	36
	10.41		71776	VV	37
	10.61		82519	VV	38
	10.86		74459	VV	39
	10.93		89102	VV	40
	11.05		53081	VV	41
	11.26		96524	VV	42
	11.37		33259	VV	43
	11.65		2597523	VB	44
	12.03		9511	BV	45
	12.33		135310	VV	46
	12.44		93581	VV	47
	12.69		60476	VV	48
	12.81		41945	VV	49
	12.85		41683	VV	50

Sample ID: 43062 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_013 Analysis Date: 26-APR-1996 01:47:17

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	12.95		36315	VB	51
	13.30		118234	BV	52
	13.60		31260	VV	53
	13.78		16638	VV	54
	13.89		34104	VV	55
	13.98		16152	VV	56
	14.19		2275419	VE	57
	14.38		25985	EB	58
	14.82		13056	BV	59
	14.99		56544	VV	60
	15.10		126446	VV	61
	15.44		3673959	VB	62
	16.06		45350	BB	63
	16.32		5974	BV	64
	16.51		31351	VV	65
	16.89		139954	VV	66
	16.99		178003	VV	67
	17.31		44371	VB	68
	17.46		8773	BB	69
	17.64		38864	BV	70
	17.72		56463	VV	71
	17.82		43317	VV	72
AROCLOR-1254-2	17.94	-0.0591	38113	VV	73
	18.04		58334	VV	74
	18.16		25611	VV	75
	18.27		70684	VV	76
	18.38		46249	VV	77
	18.59		44269	VV	78
	18.77		97254	VV	79
	18.95		139503	VV	80
	19.10		6141873	VE	81
	19.48		209063	EV	82
	19.75		78999	EV	83
	19.89		3544651	VE	84
	20.18		145209	EV	85
	20.45		125286	EV	86
	20.56		99467	VV	87
	20.72		185828	VV	88
AROCLOR-1254-4	20.88	0.332	304874	VV	89
	21.07		1257802	VE	90
	21.57		161452	EV	91
	21.74		5002500	VE	92
AROCLOR-1254-5	22.05	-0.0281	35025	EV	93
	22.16		37722	EV	94
	22.37		79328	EV	95
	22.49		63365	VV	96
	22.60		95378	VV	97
	22.67		132392	VV	98
	22.95		194939	VV	99
	23.37		359315	VE	100
	23.74		59428	EV	101

Sample ID: 43062 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_013 Analysis Date: 26-APR-1996 01:47:17

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	23.94		133981	VV	102
	24.11		47140	VV	103
	24.29		27572	VV	104
	24.43		34802	VV	105
	24.74		128756	VV	106
	24.93		57912	VV	107
	25.01		50819	VV	108
	25.22		70705	VV	109
	25.49		65493	VV	110
	25.75		80983	VV	111
	25.96		103702	VV	112
	26.15		117212	VV	113
	26.30		36101	VV	114
	26.73		178815	VV	115
	27.07		58853	VV	116
	27.20		39855	VV	117
	27.44		42982	VV	118
	27.75		13182	VV	119
	27.92		40229	VV	120
	28.12		25873	VV	121
	28.28		39773	VB	122
	28.65		79842	BV	123
	28.99		65261	VV	124
	29.07		99052	VV	125
	29.42		67074	VV	126
	29.86		72637	VV	127
DCB	30.05	-1.85E-04	55535	VV	128
	30.27		106499	VB	129
	30.68		17857	BB	130
	31.47		71728	BV	131
	31.97		6933	VV	132
	32.19		6429	VV	133
	32.97		67881	BV	134
	33.37		88601	VB	135
	33.74		8676	BV	136
	33.99		26623	VV	137
	34.40		159727	VB	138
	35.89		169764	BV	139
	36.26		117844	VV	140
	36.99		151831	VB	141
	37.52		15955	BV	142
	37.72		9169	VB	143

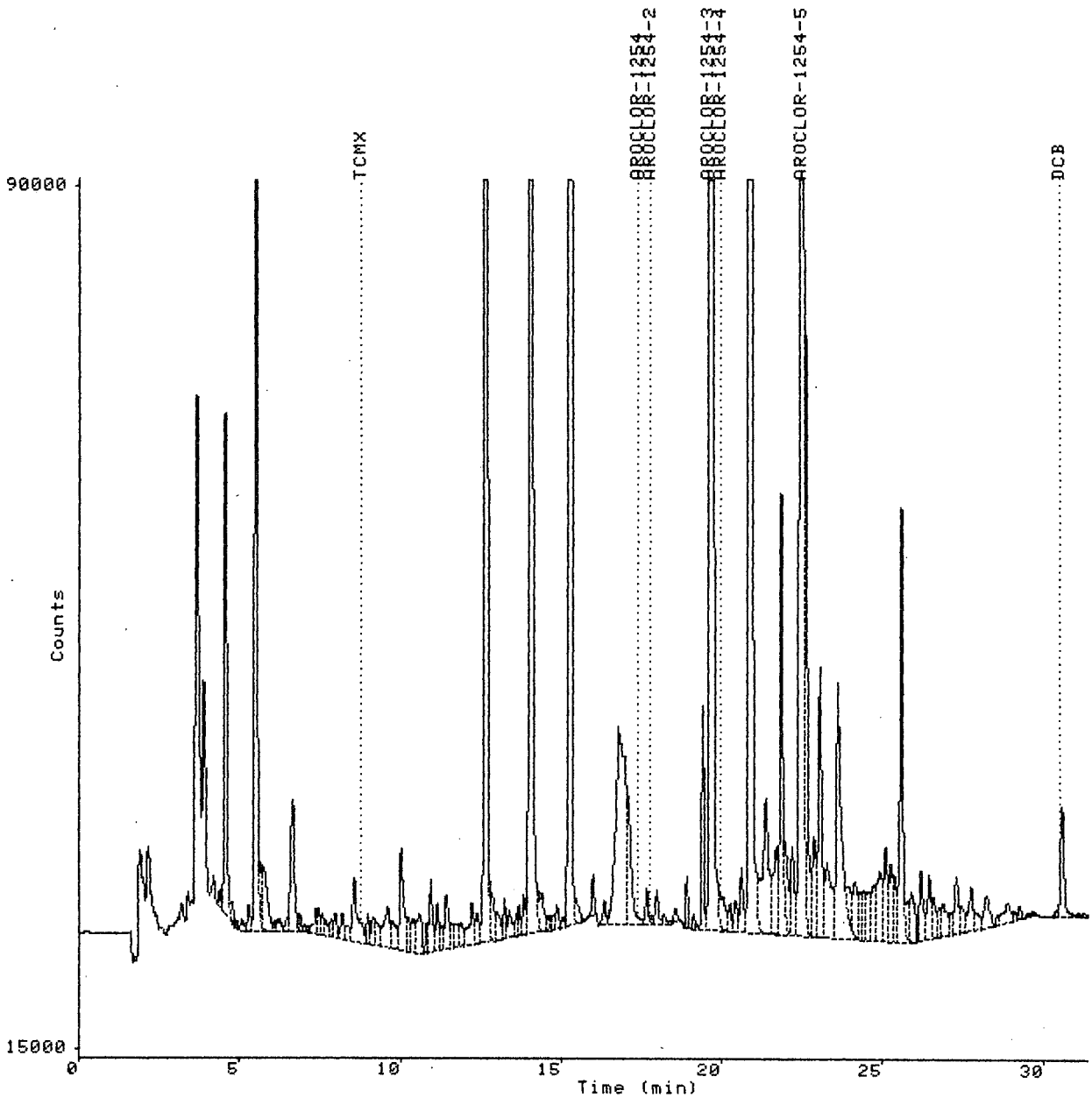
Average result...0.0489 UG/ML

Run Number..... 13 End of Report.

Run Number..... 14
Sample Name..... 43062 3210
Run Date..... 26-APR-1996 02:29:32
Raw File..... 6_0425_014
Method Name..... 6_1254_0425
Method Type..... Linear

Blind -PCB-A

58901B 30M 0.53mm RTX-35 2uL INJ



43062 3210

Ah < 0.1 ng/Tube

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43062 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_014 Analysis Date: 26-APR-1996 02:29:32

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.39		7379	BV	1
	4.55		243642	VE	2
	4.76		12267	EB	3
	4.93		2737	BB	4
	5.09		7179	BV	5
	5.31		14978	VV	6
	5.51		413685	VE	7
	5.68		22450	EV	8
	5.76		58680	EV	9
	6.12		4732	VV	10
	6.23		8437	VV	11
	6.48		7807	VV	12
	6.65		96855	VE	13
	6.88		6734	EV	14
	7.03		2996	EB	15
	7.38		14565	VV	16
	7.45		11175	VV	17
	7.56		10315	VV	18
	7.63		8611	VV	19
	7.84		9243	VV	20
	7.96		14618	VV	21
	8.19		15550	VV	22
	8.35		11333	VV	23
	8.56		61639	VV	24
	8.98		13880	VV	25
	9.15		17894	VV	26
	9.25		18295	VV	27
	9.59		41249	VV	28
	9.72		28898	VV	29
	10.00		77491	VV	30
	10.22		17025	VV	31
	10.35		21881	VV	32
	10.55		43798	VB	33
	10.82		14444	BV	34
	10.93		45531	VV	35
	11.14		27796	VV	36
	11.28		13885	VV	37
	11.41		41558	VV	38
	11.60		12942	VV	39
	11.75		20171	VV	40
	11.89		17323	VV	41
	12.22		40543	VV	42
	12.39		21266	VV	43
	12.63		3251008	VE	44
	12.84		37487	EV	45
	13.01		23478	EV	46
	13.23		19841	VV	47
	13.39		22048	VV	48
	13.61		10397	VV	49
	13.70		15290	VV	50

Sample ID: 43062 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_014 Analysis Date: 26-APR-1996 02:29:32

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.84		22693	VV	51
	14.04		2889447	VE	52
	14.39		40327	EV	53
	14.61		7021	EV	54
	14.67		5705	EV	55
	14.76		6235	VV	56
	14.87		15958	VV	57
	15.05		6726	VB	58
	15.25		2792961	BE	59
	15.44		21104	EB	60
	15.99		18006	BB	61
	16.35		14599	BV	62
	16.80		353132	VV	63
	17.07		92396	VV	64
	17.65		18381	VE	65
AROCLOR-1254-2	17.76	-0.0724	2881	EV	66
	17.96		19574	VV	67
	18.17		5689	VV	68
	18.54		7119	BB	69
	18.88		21738	BB	70
	19.09		5780	BV	71
	19.38		86954	VV	72
AROCLOR-1254-3	19.63	7.90	5842111	VE	73
AROCLOR-1254-4	19.99	-0.0169	39578	EV	74
	20.22		14908	EV	75
	20.37		22543	EV	76
	20.56		37816	VV	77
	20.83		4526475	VE	78
	21.32		166687	EV	79
	21.65		79624	EV	80
	21.80		220508	VE	81
	21.92		50636	EV	82
	22.15		59541	VV	83
AROCLOR-1254-5	22.41	3.61	4526460	VE	84
	22.56		245758	EV	85
	22.83		72949	VV	86
	23.01		169914	VV	87
	23.24		88105	VV	88
	23.57		251032	VE	89
	23.89		30748	EV	90
	24.10		43359	EV	91
	24.27		30497	VV	92
	24.39		32680	VV	93
	24.56		32938	VV	94
	24.76		49480	VV	95
	24.89		70384	VV	96
	25.07		65091	VV	97
	25.23		49520	VV	98
	25.33		34425	VV	99
	25.55		219411	VE	100
	25.75		24020	EV	101

Sample ID: 43062 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_014 Analysis Date: 26-APR-1996 02:29:32

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	25.90		44277	EB	102
	26.16		54170	BV	103
	26.41		44081	VV	104
	26.54		31792	VV	105
	26.75		18582	VV	106
	26.85		34358	VV	107
	27.12		14448	VV	108
	27.27		43129	VV	109
	27.40		23685	VV	110
	27.72		39432	VV	111
	27.87		16299	VV	112
	28.19		37152	VB	113
	28.55		6793	BV	114
	28.84		30066	VV	115
	29.05		6745	VV	116
	29.22		7889	VB	117
	30.37		2905	BV	118
DCB	30.55	0.00346	72424	VE	119
	33.34		3963	BV	120
	33.51		6315	VV	121
	33.70		4411	VV	122
	33.92		14671	VB	123

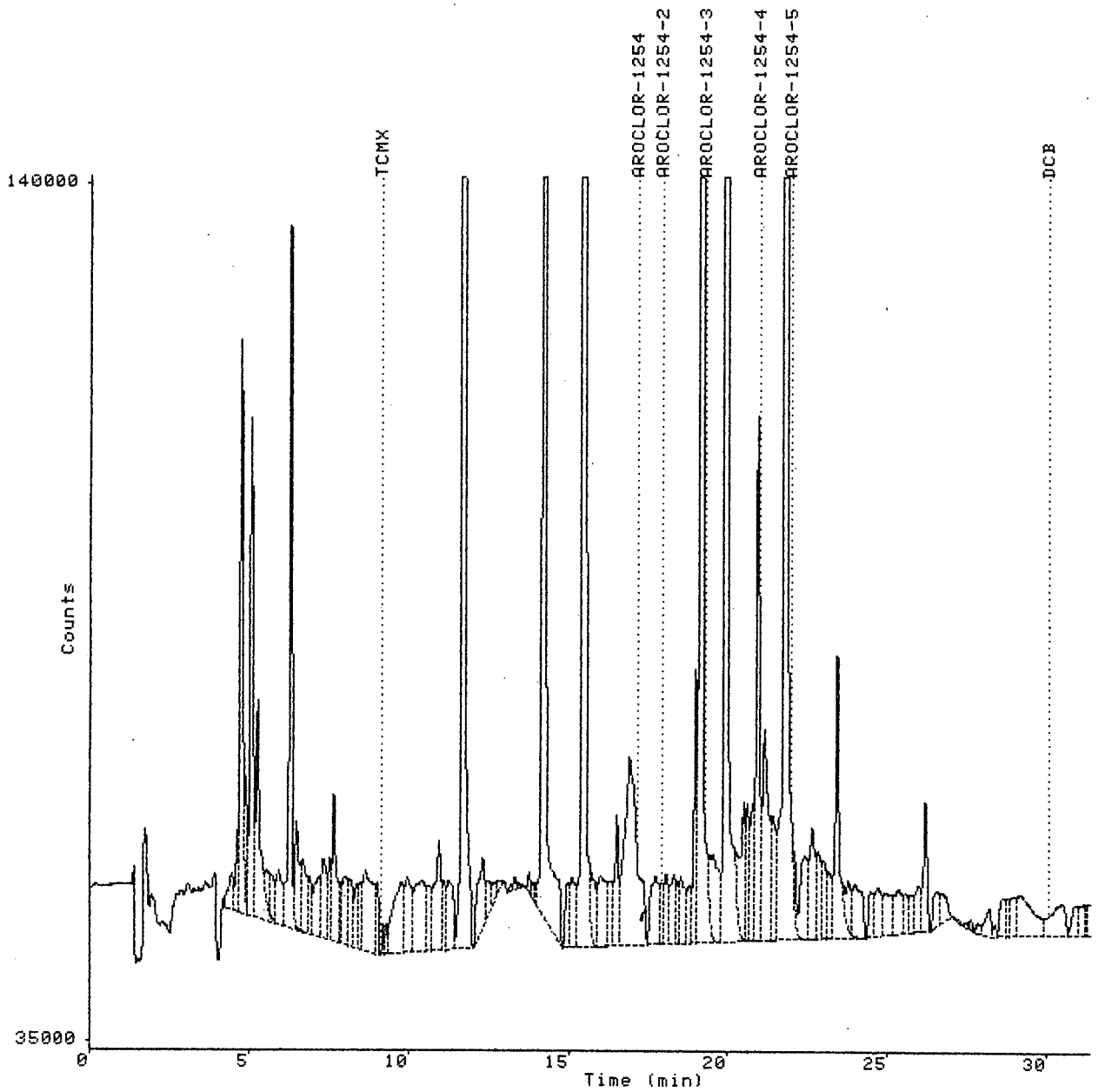
Average result...2.28 UG/ML

Run Number..... 14 End of Report.

Run Number..... 14
Sample Name..... 43062 3210
Run Date..... 26-APR-1996 02:29:38
Raw File..... 5_0425_014
Method Name..... 5_1254_0425
Method Type..... Linear

Blind-PCB-A

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43062 3210

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43062 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_014 Analysis Date: 26-APR-1996 02:29:38

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.45		51031	BV	1
	4.64		52592	VV	2
	4.74		443856	VE	3
	4.89		71080	EV	4
	5.06		415925	VV	5
	5.26		271768	VE	6
	5.55		40981	EV	7
	5.70		47949	EV	8
	5.93		83693	VV	9
	6.28		508940	VE	10
	6.47		116713	EV	11
	6.69		101423	EV	12
	6.87		58179	VV	13
	7.17		91566	VV	14
	7.34		116535	VV	15
	7.53		63765	VV	16
	7.64		167725	VV	17
	7.86		34156	VV	18
	8.02		106651	VV	19
	8.18		74852	VV	20
	8.41		57703	VV	21
	8.54		71723	VV	22
	8.66		211739	VV	23
	9.01		50446	VB	24
TCMX	9.22	-0.00212	17317	BV	25
	9.31		14989	VV	26
	9.65		211255	VV	27
	9.97		147917	VV	28
	10.41		202793	VV	29
	10.61		92849	VV	30
	10.94		175742	VV	31
	11.07		59099	VV	32
	11.24		124889	VV	33
	11.65		3225504	VB	34
	12.33		131471	BV	35
	12.45		38299	VV	36
	12.71		16233	VV	37
	12.79		6483	VB	38
	13.20		6210	BV	39
	13.31		10844	VV	40
	13.40		3864	VV	41
	13.75		14402	BV	42
	13.89		9913	VV	43
	13.98		13262	VV	44
	14.19		3166580	VB	45
	14.99		77978	BV	46
	15.11		98981	VV	47
	15.44		4649641	VE	48
	15.79		89322	EV	49
	16.00		179842	EV	50

Sample ID: 43062 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_014 Analysis Date: 26-APR-1996 02:29:38

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	16.34		62261	VV	51
	16.50		144798	VV	52
	16.90		645775	VV	53
	17.68		151616	VV	54
AROCLOR-1254-2	17.92	-0.0465	55666	VV	55
	18.04		78160	VV	56
	18.28		101721	VV	57
	18.42		42859	VV	58
	18.51		106012	VV	59
	18.78		63491	VV	60
	18.95		182108	VV	61
	19.11		6590828	VE	62
	19.52		195865	EV	63
	19.90		4637309	VE	64
	20.46		179687	EV	65
	20.57		130021	EV	66
	20.74		111870	EV	67
AROCLOR-1254-4	20.88	0.545	471169	EV	68
	21.10		348317	VV	69
	21.36		164653	VV	70
	21.74		5885012	VE	71
	22.37		186664	EV	72
	22.60		178793	EV	73
	22.79		119812	VV	74
	22.97		84002	VV	75
	23.12		64335	VV	76
	23.37		319952	VE	77
	23.73		70428	EV	78
	24.04		134810	EB	79
	24.44		55484	BV	80
	24.68		102778	VV	81
	24.94		87809	VV	82
	25.33		100529	VV	83
	25.53		40922	VV	84
	25.76		50453	VV	85
	25.95		71868	VV	86
	26.15		123894	VB	87
	26.52		60959	BV	88
	26.77		55528	VB	89
	27.43		4435	BV	90
	27.59		6622	VB	91
	27.81		11632	BV	92
	28.15		39631	VV	93
	28.34		6951	VB	94
	28.60		57973	BV	95
	28.76		29575	VV	96
	28.97		71263	VV	97
	29.41		181630	VV	98
	30.43		128379	VV	99
	30.90		53897	VV	100
	31.16		44868	VV	101

Sample ID: 43062 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_014 Analysis Date: 26-APR-1996 02:29:38

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	31.23		15420	VV	102
	31.37		56990	VV	103
	32.52		376140	VV	104
	33.38		199944	VV	105
	34.00		79024	VV	106
	34.32		162086	VB	107
	35.77		63784	BE	108
	36.27		4807	EB	109
	37.49		9655	BB	110

Average result...0.0997 UG/ML

Run Number..... 14 End of Report.

TEST CODE :APCB 1

JOB NUMBER :9600.789
ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : ROY F. WESTON
TEST NAME : TO-10 PCB IN AIR
UNITS : UG/TUBE
SAMPLE ID LAB : EE-96-43063
MATRIX: AIR
SAMPLE ID CLIENT: BLIND-PCB-B

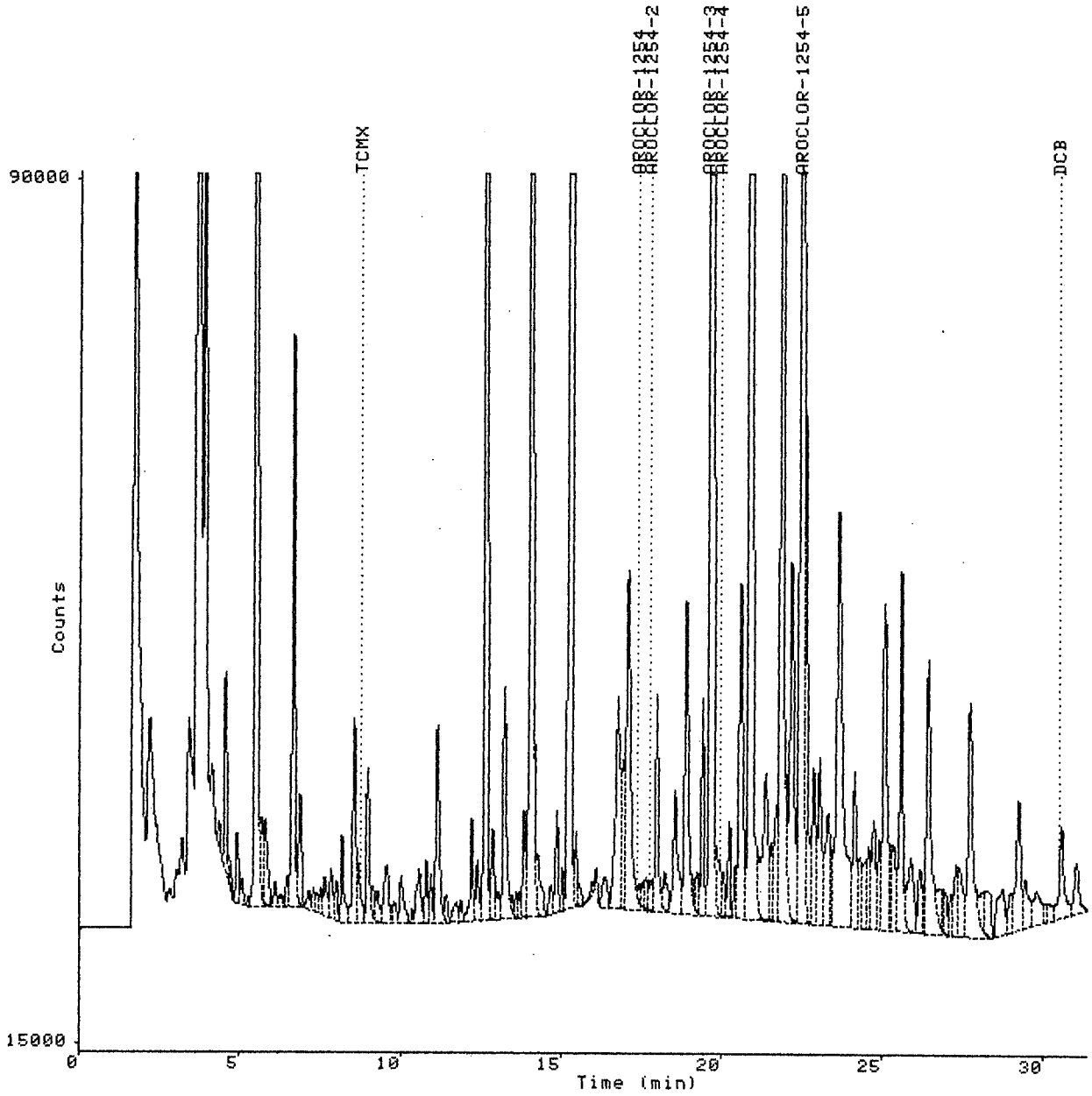
PARAMETER	RESULTS	Q	QNT. LIMIT
PCB-1242	ND		0.10
PCB-1254	ND		0.10
PCB-1221	ND		0.10
PCB-1232	ND		0.10
PCB-1248	ND		0.10
PCB-1260	ND		0.10
PCB-1016	ND		0.10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
N = ANALYTE WAS NOT CONFIRMED BY ALTERNATE PROCEDURE

Run Number..... 15
Sample Name..... 43063 3200
Run Date..... 26-APR-1996 03:11:51
Raw File..... 6_0425_015
Method Name..... 6_1254_0425
Method Type..... Linear

Blind - PCB-B

58901B 30M 0.53mm RTX-35 2uL INJ



43063 3200

All < 0.1 ng/Tube

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43063 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_015 Analysis Date: 26-APR-1996 03:11:51

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.36		12346	BB	1
	4.55		96361	BE	2
	4.69		14138	EB	3
	4.93		37886	BV	4
	5.09		12369	VB	5
	5.30		2938	BV	6
	5.51		826987	VE	7
	5.69		36096	EV	8
	5.80		62755	EV	9
	6.12		13408	VV	10
	6.29		5967	VV	11
	6.40		3189	VV	12
	6.48		13229	VV	13
	6.66		283839	VE	14
	6.88		63263	EB	15
	7.15		9696	BV	16
	7.30		10226	VV	17
	7.39		11487	VV	18
	7.53		11220	VV	19
	7.65		23942	VV	20
	7.84		27518	VV	21
	8.02		21980	VB	22
	8.19		46249	BV	23
	8.56		117417	VV	24
TCMX	8.68	-5.52E-04	34472	VV	25
	8.98		93293	VE	26
	9.14		13957	EV	27
	9.28		20551	EV	28
	9.56		50971	VV	29
	9.72		6596	VV	30
	9.82		12996	VV	31
	10.01		37000	VB	32
	10.36		5891	BV	33
	10.57		47680	VV	34
	10.80		33099	VV	35
	10.94		23353	VV	36
	11.14		132964	VE	37
	11.42		15247	EB	38
	11.75		20621	BV	39
	11.89		11299	VV	40
	12.22		54368	VV	41
	12.40		34454	VV	42
	12.63		2743240	VE	43
	12.87		57257	EV	44
	13.03		17081	EV	45
	13.22		164365	VE	46
	13.48		7755	EV	47
	13.61		10040	EV	48
	13.70		11597	EV	49
	13.85		60897	VV	50

Sample ID: 43063 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_015 Analysis Date: 26-APR-1996 03:11:51

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	14.04		2688542	VE	51
	14.28		53796	EB	52
	14.69		19363	BV	53
	14.86		54386	VV	54
	15.04		17661	VV	55
	15.25		2411956	VE	56
	15.45		33548	EV	57
	15.56		12203	EB	58
	15.99		3636	BB	59
	16.37		28442	BV	60
	16.76		208075	VV	61
	16.96		61613	VV	62
	17.07		279669	VE	63
AROCLOR-1254	17.45	-0.0315	12192	EV	64
	17.56		11047	EV	65
	17.64		18642	EV	66
AROCLOR-1254-2	17.78	-0.0558	15383	EV	67
	17.96		111213	VE	68
	18.20		32103	EV	69
	18.52		103311	VV	70
	18.86		229772	VE	71
	19.10		7097	EV	72
	19.17		7691	EV	73
	19.23		21340	EV	74
	19.38		94684	VV	75
AROCLOR-1254-3	19.63	7.90	5839055	VE	76
AROCLOR-1254-4	19.89	-0.0130	45726	EV	77
	19.99		25632	EV	78
	20.20		44695	EV	79
	20.40		24948	VV	80
	20.54		241645	VV	81
	20.83		4701136	VE	82
	21.33		170601	EV	83
	21.55		47794	EV	84
	21.66		62397	VV	85
	21.80		1180141	VE	86
	22.13		289261	EV	87
AROCLOR-1254-5	22.42	3.35	4195204	VE	88
	22.56		214653	EV	89
	22.82		115930	VV	90
	23.01		117014	VV	91
	23.28		107171	VV	92
	23.38		20402	VV	93
	23.60		485959	VV	94
	24.10		100208	VV	95
	24.27		50008	VV	96
	24.44		43868	VV	97
	24.56		54934	VV	98
	24.71		79494	VV	99
	24.90		49797	VV	100
	25.04		252039	VV	101

Sample ID: 43063 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_015 Analysis Date: 26-APR-1996 03:11:51

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	25.22		33243	VV	102
	25.32		55410	VV	103
	25.55		200502	VE	104
	25.86		83404	EV	105
	26.14		47136	VV	106
	26.25		11970	VV	107
	26.39		240285	VE	108
	26.75		28975	EV	109
	26.85		20760	EV	110
	26.94		20228	EV	111
	27.13		27598	VV	112
	27.28		47031	VV	113
	27.37		61300	VV	114
	27.69		226440	VE	115
	28.08		29164	EV	116
	28.24		56241	EB	117
	28.65		68935	BV	118
	28.95		28671	VV	119
	29.19		126135	VV	120
	29.41		50189	VV	121
	29.77		55501	VV	122
	30.04		11575	VV	123
	30.16		19182	VV	124
DCB	30.55	0.00421	88951	VV	125
	31.02		48434	VB	126
	31.90		33428	BV	127
	32.27		10763	VV	128
	32.57		9904	VV	129
	32.91		18833	VB	130
	33.29		29238	BV	131
	33.55		7951	VV	132
	33.83		24789	VB	133
	34.46		2669	BE	134

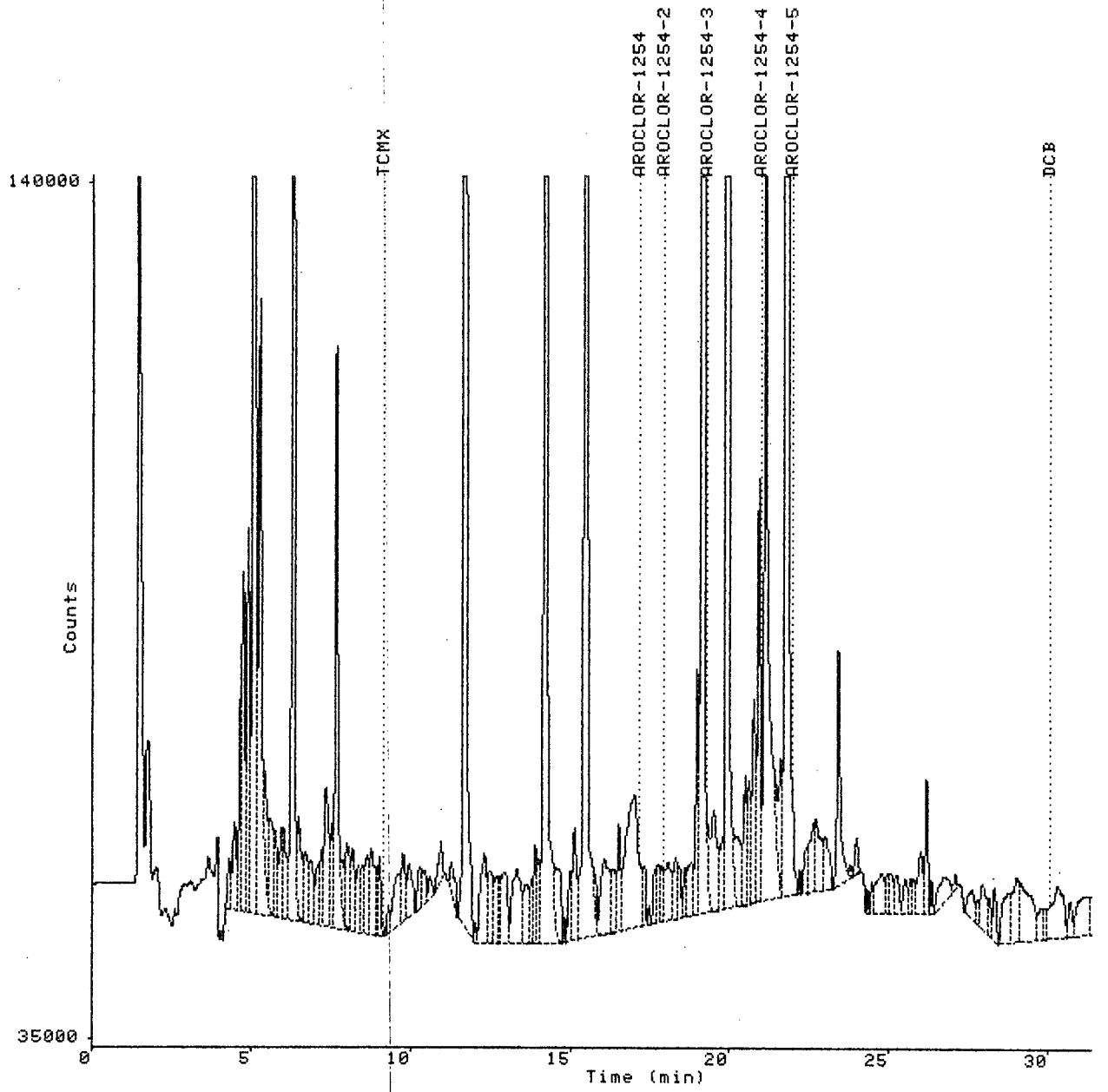
Average result...2.23 UG/ML

Run Number..... 15 End of Report.

Run Number..... 15
Sample Name..... 43063 3200
Run Date..... 26-APR-1996 03:11:55
Raw File..... 5_0425_015
Method Name..... 5_1254_0425
Method Type..... Linear

Blind-PCB-B

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43063 3200

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43063 3200
Datafile: 5_0425_015

Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Analysis Date: 26-APR-1996 03:11:55

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.31		39731	BV	1
	4.47		83456	VV	2
	4.66		121967	VV	3
	4.74		289283	VV	4
	4.89		276864	VV	5
	5.06		1174962	VV	6
	5.26		600179	VE	7
	5.41		83383	EV	8
	5.59		100456	EV	9
	5.72		81795	VV	10
	5.95		68243	VV	11
	6.00		92943	VV	12
	6.29		961527	VE	13
	6.47		111037	EV	14
	6.69		91859	VV	15
	6.87		62935	VV	16
	7.07		51325	VV	17
	7.18		58254	VV	18
	7.33		181694	VV	19
	7.54		65632	VV	20
	7.65		451310	VE	21
	7.86		41581	EV	22
	8.01		107849	EV	23
	8.18		85288	VV	24
	8.38		61663	VV	25
	8.50		48156	VV	26
	8.65		93034	VV	27
	8.77		110514	VV	28
	8.93		29545	VV	29
	9.02		50054	VE	30
TCMX	9.14	-0.00263	4180	EB	31
	9.32		21280	BV	32
	9.64		91640	VV	33
	9.76		75202	VV	34
	9.95		78335	VB	35
	10.29		45435	BV	36
	10.42		31188	VV	37
	10.61		20565	VB	38
	10.94		39760	BB	39
	11.27		42580	BB	40
	11.66		2833533	BB	41
	12.04		9950	BV	42
	12.32		138272	VV	43
	12.46		102566	VV	44
	12.70		72828	VV	45
	12.79		32926	VV	46
	12.92		106120	VV	47
	13.33		183240	VV	48
	13.62		82715	VV	49
	13.77		46499	VV	50

Sample ID: 43063 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_015 Analysis Date: 26-APR-1996 03:11:55

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.90		88564	VV	51
	14.00		63045	VV	52
	14.19		2817864	VE	53
	14.62		117662	EB	54
	14.82		14007	BV	55
	14.99		59318	VV	56
	15.11		127395	VV	57
	15.45		4317152	VE	58
	16.07		193886	EV	59
	16.33		77605	EV	60
	16.51		100663	VV	61
	16.96		461343	VV	62
	17.31		40495	VV	63
	17.46		9543	VB	64
	17.65		41971	BV	65
	17.72		47832	VV	66
AROCLOR-1254-2	17.83	-0.0476	54099	VV	67
	18.05		108142	VV	68
	18.28		70403	VV	69
	18.39		35402	VV	70
	18.59		41893	VV	71
	18.78		82202	VV	72
	18.95		159695	VV	73
	19.11		6445674	VE	74
	19.48		198881	EV	75
	19.75		58220	VV	76
	19.90		4103252	VE	77
	20.20		114237	EV	78
	20.46		113754	EV	79
	20.57		103864	VV	80
	20.73		183865	VV	81
AROCLOR-1254-4	20.88	0.337	308935	VV	82
	21.08		1066328	VE	83
	21.57		136953	EV	84
	21.74		5610070	VB	85
	22.17		11676	BV	86
	22.38		42371	VV	87
	22.61		93628	VV	88
	22.68		115567	VV	89
	22.96		90694	VB	90
	23.38		211207	BE	91
	23.75		9200	EV	92
	23.94		30089	EB	93
	24.30		11402	BV	94
	24.44		20582	VV	95
	24.75		89127	VV	96
	24.94		34896	VV	97
	25.03		40615	VV	98
	25.22		45520	VV	99
	25.49		40089	VV	100
	25.67		28351	VV	101

Sample ID: 43063 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_015 Analysis Date: 26-APR-1996 03:11:55

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	25.75		29458	VV	102
	25.96		76605	VV	103
	26.15		97779	VV	104
	26.31		17950	VB	105
	26.76		75373	BV	106
	27.07		10858	VB	107
	27.60		48905	BV	108
	27.74		18054	VV	109
	27.92		79613	VV	110
	28.12		21514	VV	111
	28.28		46078	VB	112
	28.76		106688	BV	113
	28.98		108744	VV	114
	29.31		197620	VV	115
	29.78		45011	VV	116
DCB	29.88	-0.00176	23321	VV	117
	30.29		179215	VV	118
	30.68		36531	VV	119
	31.23		130952	VV	120
	31.77		174781	VV	121
	31.98		59914	VV	122
	32.19		49822	VV	123
	32.31		105790	VV	124
	32.74		58396	VV	125
	33.16		105714	VV	126
	33.38		108019	VB	127
	33.74		8025	BB	128
	34.00		19934	BV	129
	34.44		30286	VV	130
	35.68		36046	BE	131
	36.25		18807	BV	132
	37.01		101284	VB	133
	37.52		16478	BV	134
	37.73		7911	VB	135

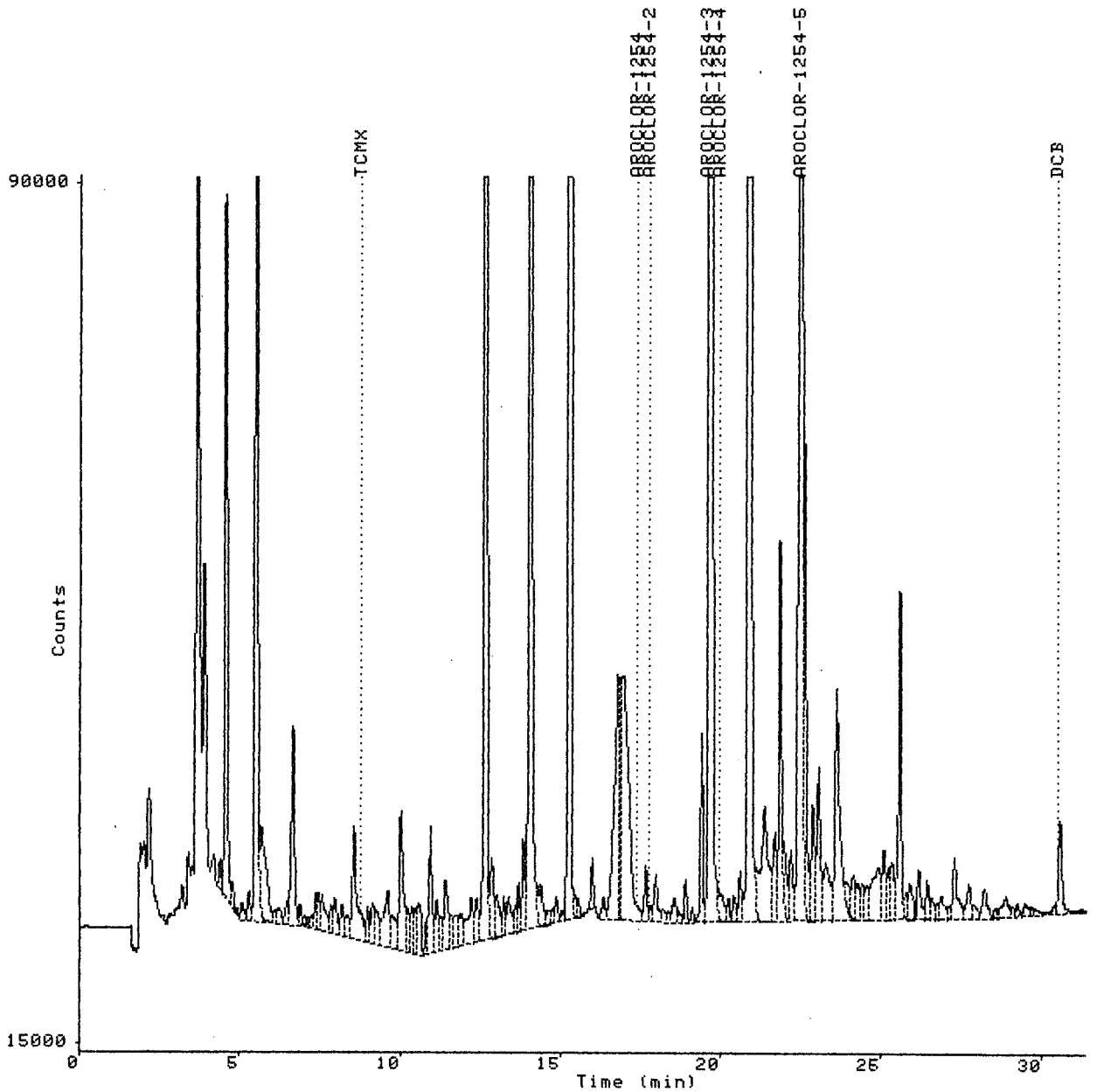
Average result...0.0579 UG/ML

Run Number..... 15 End of Report.

Run Number..... 16
Sample Name..... 43063 3210
Run Date..... 26-APR-1996 03:54:10
Raw File..... 6_0425_016
Method Name..... 6_1254_0425
Method Type..... Linear

Blind - PCB-B

58901B 30M 0.53mm RTX-35 2uL INJ



43063 3210

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

All < 0.1 ng/Tube

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43063 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_016 Analysis Date: 26-APR-1996 03:54:10

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.39		12829	BV	1
	4.55		343681	VV	2
	4.77		12516	VV	3
	5.09		10046	BV	4
	5.31		15749	VV	5
	5.51		553099	VE	6
	5.78		97201	EV	7
	6.13		8500	VV	8
	6.23		10470	VV	9
	6.48		11539	VV	10
	6.66		119928	VE	11
	6.89		8266	EV	12
	7.03		4014	EB	13
	7.18		3662	BV	14
	7.30		6191	VV	15
	7.38		15453	VV	16
	7.45		14723	VV	17
	7.56		28557	VV	18
	7.84		14816	VV	19
	7.96		22409	VV	20
	8.19		18924	VV	21
	8.35		17264	VV	22
	8.56		96185	VV	23
	8.99		17419	VV	24
	9.15		26214	VV	25
	9.26		24800	VV	26
	9.60		57527	VV	27
	9.80		34181	VV	28
	10.00		107905	VV	29
	10.21		17736	VV	30
	10.35		28973	VV	31
	10.49		19713	VV	32
	10.59		39734	VB	33
	10.84		15595	BV	34
	10.93		73501	VV	35
	11.14		31631	VV	36
	11.27		20325	VV	37
	11.41		53595	VV	38
	11.58		16633	VV	39
	11.74		29621	VV	40
	11.90		23066	VV	41
	12.22		49359	VV	42
	12.40		32741	VV	43
	12.63		2819577	VE	44
	12.84		56835	EV	45
	13.01		34158	EV	46
	13.23		20168	VV	47
	13.39		32002	VV	48
	13.61		12535	VV	49
	13.70		22719	VV	50

Sample ID: 43063 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_016 Analysis Date: 26-APR-1996 03:54:10

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.84		50004	VV	51
	14.04		2422291	VE	52
	14.39		39588	EV	53
	14.63		10587	EV	54
	14.76		6856	VV	55
	14.87		15697	VV	56
	15.06		5962	VB	57
	15.25		2287612	BE	58
	15.44		11322	EV	59
	15.54		9809	EB	60
	15.99		22610	BB	61
	16.35		12227	BV	62
	16.78		216498	VV	63
	16.86		103887	VV	64
	16.94		302953	VV	65
	17.65		28227	VV	66
AROCLOR-1254-2	17.77	-0.0680	6199	VV	67
	17.96		30755	VV	68
	18.18		9639	VV	69
	18.36		5018	VV	70
	18.54		18007	VV	71
	18.71		6307	VV	72
	18.88		19197	VV	73
	19.10		5795	VB	74
	19.38		77660	BV	75
AROCLOR-1254-3	19.63	7.64	5650476	VE	76
AROCLOR-1254-4	19.99	-0.0216	32107	EV	77
	20.22		12518	EV	78
	20.37		18038	EV	79
	20.56		28149	VV	80
	20.83		4478028	VE	81
	21.32		165618	EV	82
	21.65		63552	VV	83
	21.80		192242	VE	84
	21.92		42374	EV	85
	22.15		44075	VV	86
AROCLOR-1254-5	22.42	3.13	3926186	VE	87
	22.56		193954	EV	88
	22.83		80473	EV	89
	23.01		102265	VV	90
	23.24		70160	VV	91
	23.57		211619	VE	92
	23.88		24143	EV	93
	24.11		31592	EV	94
	24.25		23744	VV	95
	24.39		24595	VV	96
	24.55		24759	VV	97
	24.90		87908	VV	98
	25.06		47910	VV	99
	25.24		28442	VV	100
	25.32		37638	VV	101

Sample ID: 43063 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_016 Analysis Date: 26-APR-1996 03:54:10

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	25.55		164564	VE	102
	25.76		14655	EV	103
	25.87		30786	EV	104
	26.15		37216	VV	105
	26.41		22817	VV	106
	26.53		16900	VV	107
	26.74		10000	VV	108
	26.86		22152	VV	109
	27.11		7744	VV	110
	27.27		55532	VV	111
	27.71		29024	VV	112
	27.87		12432	VV	113
	28.19		29726	VB	114
	28.55		6368	BV	115
	28.84		26877	VV	116
	29.06		7818	VV	117
	29.21		8030	VV	118
	29.46		12281	VV	119
	29.65		6112	VV	120
	29.75		6939	VV	121
	30.14		3973	VV	122
	30.37		5456	VV	123
DCB	30.55	0.00315	65411	VE	124
	31.88		4422	BB	125

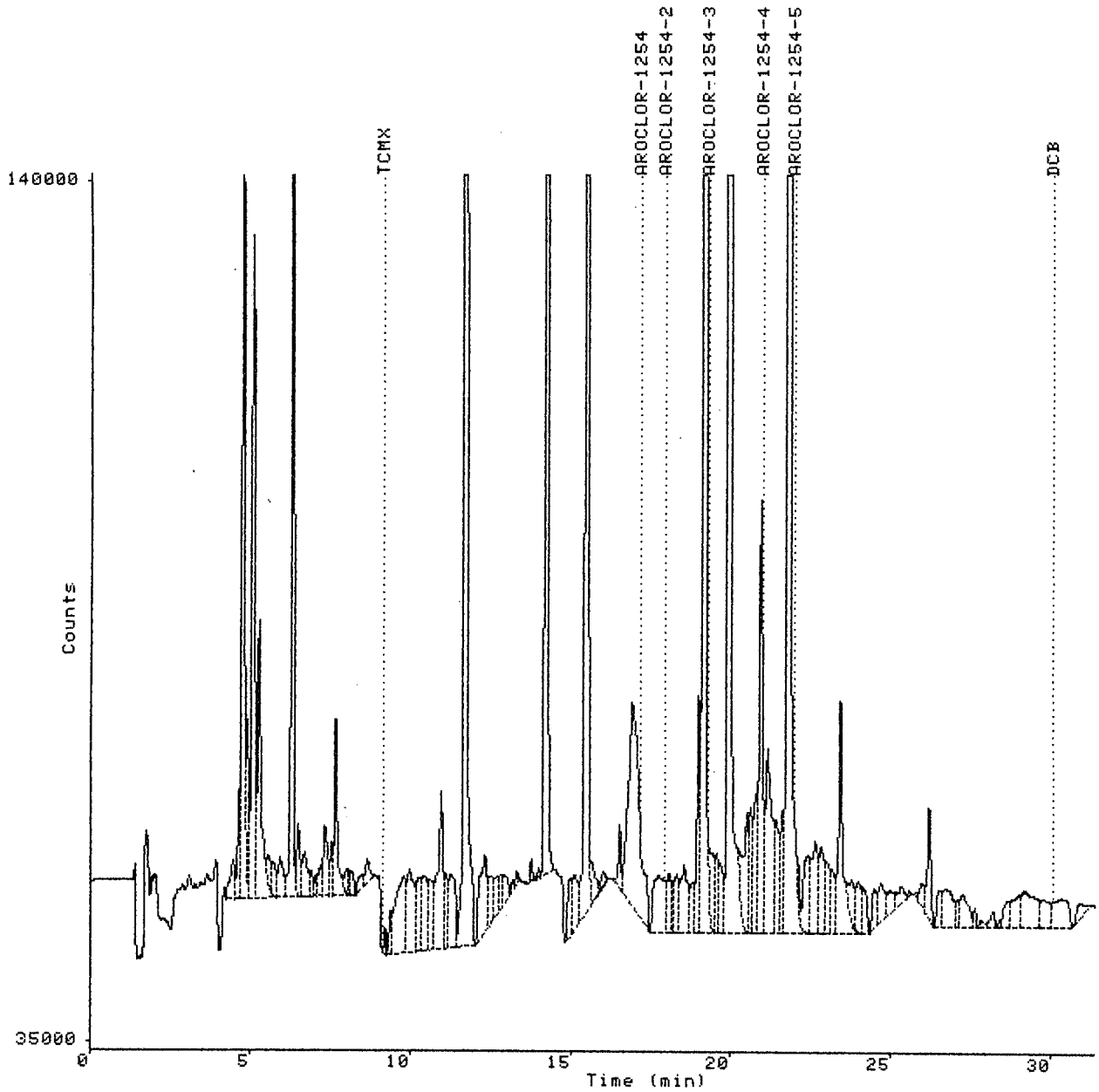
Average result...2.14 UG/ML

Run Number..... 16 End of Report.

Run Number..... 16
Sample Name..... 43063 3210
Run Date..... 26-APR-1996 03:54:16
Raw File..... 5_0425_016
Method Name..... 5_1254_0425
Method Type..... Linear

Blind-PCB-B

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43063 3210

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43063 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_016 Analysis Date: 26-APR-1996 03:54:16

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.46		53165	BV	1
	4.64		66957	VV	2
	4.74		595017	VE	3
	4.89		90732	EV	4
	5.06		550312	VV	5
	5.26		303802	VE	6
	5.56		35026	EV	7
	5.71		33352	EV	8
	5.94		57608	VV	9
	6.28		615139	VE	10
	6.48		67762	EV	11
	6.69		57685	EV	12
	6.88		23468	VV	13
	7.07		16721	VV	14
	7.17		25830	VV	15
	7.33		83229	VV	16
	7.54		36685	VV	17
	7.65		149208	VE	18
	8.01		21153	EV	19
	8.06		15012	EV	20
	8.18		20043	EB	21
	8.46		25063	BV	22
	8.67		30243	VB	23
TCMX	9.20	-0.00239	10332	BB	24
	9.40		39366	BV	25
	9.79		199495	VV	26
	9.97		158016	VV	27
	10.30		102209	VV	28
	10.44		106228	VV	29
	10.61		98319	VV	30
	10.94		215138	VV	31
	11.07		58258	VV	32
	11.29		129431	VV	33
	11.66		2831430	VB	34
	12.24		146052	BV	35
	12.46		61691	VV	36
	12.70		37771	VV	37
	12.79		32405	VV	38
	12.90		33338	VV	39
	13.20		9193	VV	40
	13.31		8458	VB	41
	13.75		12742	BE	42
	13.99		5880	VV	43
	14.19		2324048	VB	44
	14.98		71644	BV	45
	15.11		71029	VV	46
	15.45		3658244	VE	47
	15.63		50893	EV	48
	16.00		17497	EB	49
	16.50		51090	BV	50

Sample ID: 43063 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_016 Analysis Date: 26-APR-1996 03:54:16

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	16.91		610404	VB	51
	17.73		177025	BV	52
AROCLOR-1254-2	18.05	-0.0399	64744	VV	53
	18.19		24926	VV	54
	18.28		61288	VV	55
	18.51		135673	VV	56
	18.79		53530	VV	57
	18.95		157551	VV	58
	19.11		6307993	VE	59
AROCLOR-1254-3	19.39	-0.0276	83258	EV	60
	19.53		76493	EV	61
	19.62		70250	EV	62
	19.90		4611812	VE	63
	20.45		155767	EV	64
	20.57		113946	EV	65
	20.74		131228	EV	66
AROCLOR-1254-4	20.88	0.450	397229	EV	67
	21.10		319451	VV	68
	21.36		135663	VV	69
	21.60		98490	VV	70
	21.75		5146681	VE	71
	22.38		156055	EV	72
	22.60		162095	EV	73
	22.79		121561	VV	74
	22.97		71449	VV	75
	23.12		66098	VV	76
	23.38		285114	VE	77
	23.73		64146	EV	78
	23.95		66881	EV	79
	24.07		60703	VB	80
	24.44		49752	BV	81
	24.67		75424	VV	82
	24.95		42033	VV	83
	25.31		32969	VV	84
	25.54		4106	VB	85
	25.76		4844	BV	86
	25.95		32101	VV	87
	26.15		98972	VB	88
	26.52		53728	BV	89
	26.68		103473	VV	90
	27.08		25493	VV	91
	27.22		73177	VV	92
	27.59		13009	VB	93
	27.79		8959	BV	94
	28.16		19109	VB	95
	28.37		4446	BV	96
	28.63		36442	VV	97
	28.99		77619	VV	98
	29.15		139229	VV	99
	29.74		68752	VV	100
	30.34		112298	VB	101

Sample ID: 43063 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_016 Analysis Date: 26-APR-1996 03:54:16

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	30.90		27190	BE	102
	32.06		65314	VV	103
	32.52		44489	VV	104
	32.69		33861	VV	105
	33.36		121261	VV	106
	34.00		57515	VV	107
	34.32		140020	VB	108
	36.12		129201	BE	109
	37.12		8304	BV	110
	37.49		14597	VB	111

Average result...0.0765 UG/ML

Run Number..... 16 End of Report.

TEST CODE :APCB 1

JOB NUMBER :9600.789
ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : ROY F. WESTON
TEST NAME : TO-10 PCB IN AIR
UNITS : UG/TUBE
SAMPLE ID LAB : EE-96-43064
MATRIX: AIR
SAMPLE ID CLIENT: BLIND-PCB-C

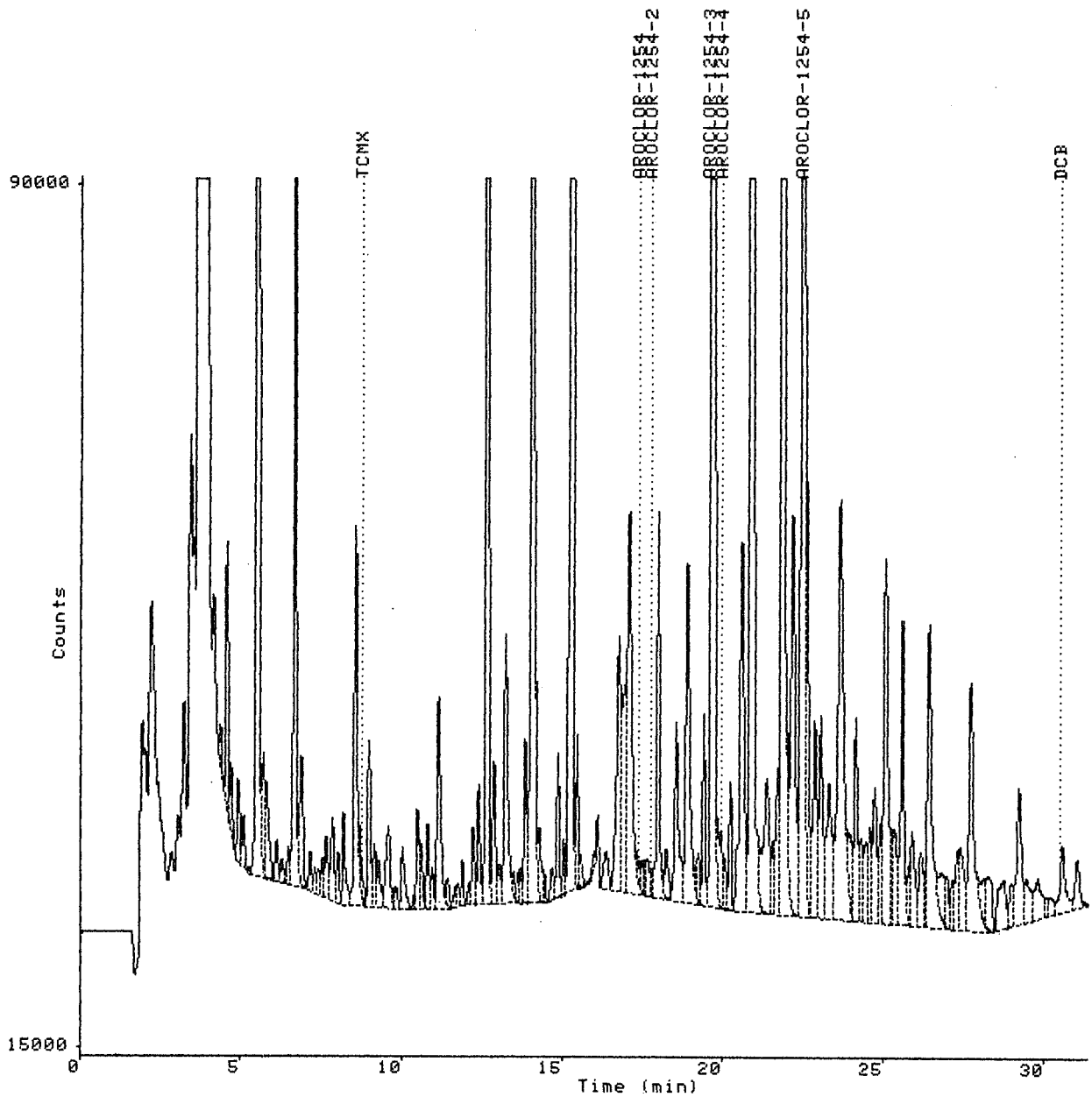
PARAMETER	RESULTS	Q	QNT. LIMIT
PCB-1242	ND		0.10
PCB-1254	ND		0.10
PCB-1221	ND		0.10
PCB-1232	ND		0.10
PCB-1248	ND		0.10
PCB-1260	ND		0.10
PCB-1016	ND		0.10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
N = ANALYTE WAS NOT CONFIRMED BY ALTERNATE PROCEDURE

Run Number..... 18
Sample Name..... 43064 3200
Run Date..... 26-APR-1996 05:18:55
Raw File..... 6_0425_018
Method Name..... 6_1254_0425
Method Type..... Linear

Blind - PCB - C

58901B 30M 0.53mm RTX-35 2uL INJ



43064 3200

All < 0.1 mg/Tube

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43064 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_018 Analysis Date: 26-APR-1996 05:18:55

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.36		18728	BB	1
	4.56		117850	BV	2
	4.70		31976	VB	3
	4.93		44383	BV	4
	5.09		26592	VB	5
	5.52		1000449	VE	6
	5.70		59511	EV	7
	5.80		61881	EB	8
	6.13		23130	BV	9
	6.29		11911	VV	10
	6.38		4676	VV	11
	6.49		16288	VV	12
	6.67		354507	VE	13
	6.88		79832	EB	14
	7.15		18562	BV	15
	7.30		10233	VV	16
	7.41		14376	VV	17
	7.54		17715	VV	18
	7.65		34445	VV	19
	7.84		49210	VV	20
	8.02		26932	VB	21
	8.19		50266	BV	22
	8.55		216452	VE	23
TCMX	8.69	-8.82E-04	28137	EV	24
	8.98		95074	VV	25
	9.15		33210	VV	26
	9.28		27533	VV	27
	9.58		68789	VE	28
	9.72		6006	EV	29
	9.81		12113	VV	30
	10.01		43106	VB	31
	10.36		4986	BV	32
	10.47		50989	VV	33
	10.57		37776	VV	34
	10.80		44464	VV	35
	10.94		20919	VV	36
	11.14		149296	VE	37
	11.42		15467	EB	38
	11.70		14629	BV	39
	11.76		9045	VV	40
	11.88		19480	VB	41
	12.11		11032	BV	42
	12.22		42280	VV	43
	12.39		57986	VV	44
	12.63		2772515	VE	45
	12.86		85662	EV	46
	13.03		23485	VV	47
	13.22		201702	VE	48
	13.48		11624	EV	49
	13.61		10959	EV	50

Sample ID: 43064 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_018 Analysis Date: 26-APR-1996 05:18:55

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.70		16662	EV	51
	13.84		89791	VV	52
	14.04		2675683	VE	53
	14.28		43509	EV	54
	14.43		13487	EB	55
	14.68		21556	BV	56
	14.86		76193	VV	57
	15.04		23373	VV	58
	15.25		2374068	VE	59
	15.45		64518	EV	60
	15.56		15445	EB	61
	16.00		5718	BB	62
	16.37		33386	BV	63
	16.75		196352	VV	64
	16.95		150136	VV	65
	17.07		326786	VE	66
AROCLOR-1254	17.30	-0.0347	10841	EV	67
	17.45		14540	EV	68
	17.56		16209	EV	69
	17.64		21647	VV	70
AROCLOR-1254-2	17.78	-0.0603	12016	VV	71
	17.96		177744	VE	72
	18.21		35925	EV	73
	18.51		137393	VV	74
	18.86		272747	VE	75
	19.10		3487	EV	76
	19.17		12052	EV	77
	19.22		21951	EV	78
	19.38		83442	VV	79
AROCLOR-1254-3	19.63	7.92	5856123	VE	80
AROCLOR-1254-4	19.90	-6.52E-04	65117	EV	81
	20.00		26929	EV	82
	20.20		60017	EB	83
	20.54		311648	BV	84
	20.83		4828598	VE	85
	21.32		167641	EV	86
	21.56		42222	EV	87
	21.66		73082	VV	88
	21.80		1948955	VE	89
	22.12		340944	EV	90
AROCLOR-1254-5	22.42	3.18	3980777	VE	91
	22.56		190552	EV	92
	22.82		145153	VV	93
	23.01		138336	VV	94
	23.27		143755	VV	95
	23.61		474092	VE	96
	23.91		55676	EV	97
	24.10		126696	VV	98
	24.27		56236	VV	99
	24.43		56279	VV	100
	24.56		59402	VV	101

Sample ID: 43064 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_018 Analysis Date: 26-APR-1996 05:18:55

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	24.71		95906	VV	102
	24.90		53940	VV	103
	25.03		287181	VV	104
	25.22		41974	VV	105
	25.32		61534	VV	106
	25.55		185669	VE	107
	25.77		24063	EV	108
	25.86		78889	VV	109
	26.13		59640	VV	110
	26.25		16387	VV	111
	26.38		275191	VE	112
	26.76		59293	EV	113
	26.95		26620	EV	114
	27.13		34121	VV	115
	27.29		47109	VV	116
	27.36		79483	VV	117
	27.69		250471	VE	118
	28.08		33851	EV	119
	28.22		64987	EB	120
	28.74		76412	BV	121
	28.95		33750	VV	122
	29.19		133971	VV	123
	29.41		52997	VV	124
	29.77		60337	VV	125
	30.04		10263	VV	126
	30.14		19675	VV	127
DCB	30.55	0.00359	75188	VE	128
	31.01		43241	VE	129
	31.90		24681	BV	130
	32.27		12003	VV	131
	32.56		10658	VV	132
	32.91		20930	VB	133
	33.28		29727	BV	134
	33.53		9307	VV	135
	33.80		23045	VB	136
	34.90		2885	VB	137

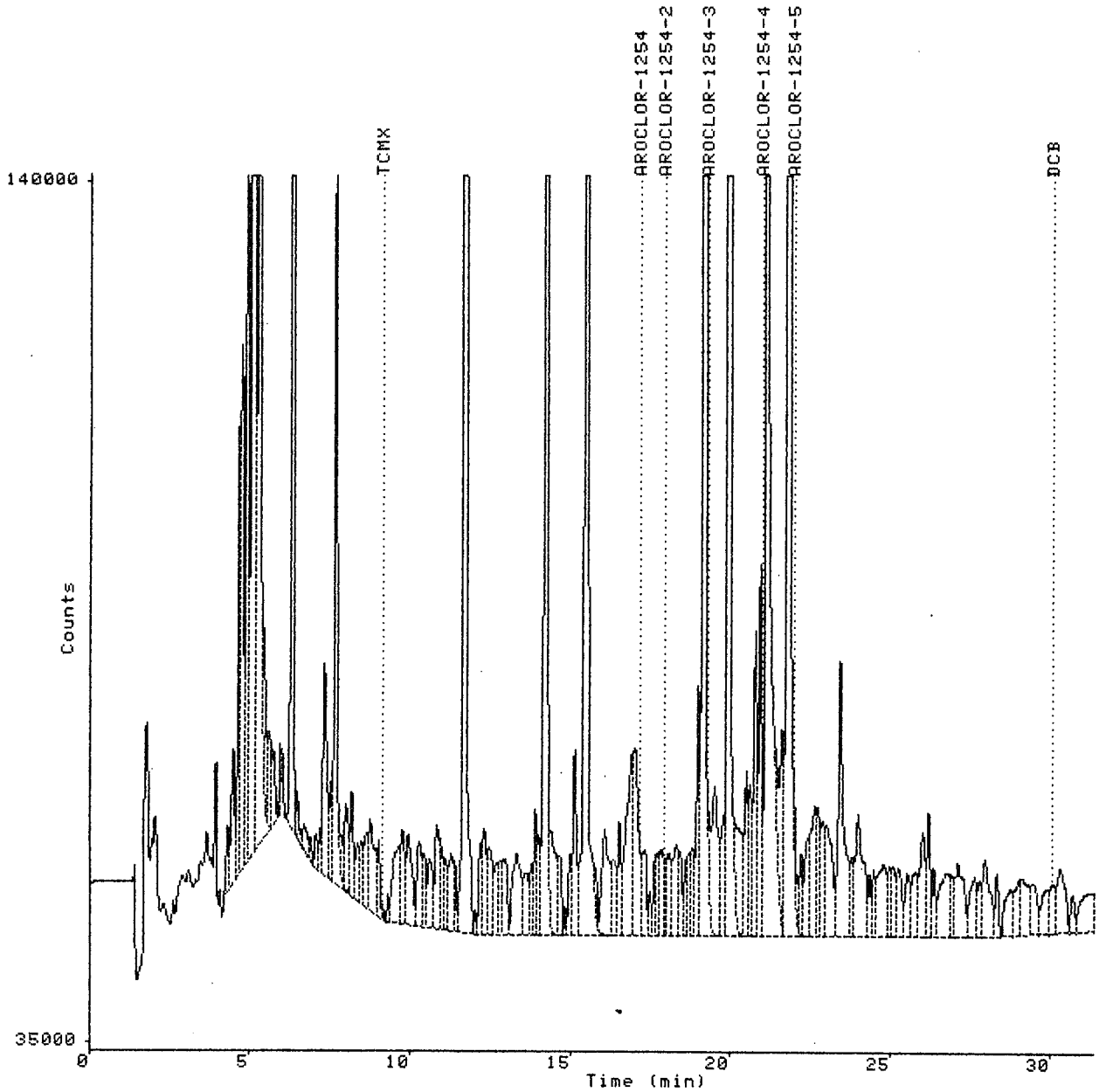
Average result...2.20 UG/ML

Run Number..... 18 End of Report.

Run Number..... 18
Sample Name..... 43064 3200
Run Date..... 26-APR-1996 05:18:59
Raw File..... 5_0425_018
Method Name..... 5_1254_0425
Method Type..... Linear

Blind - PCB-C

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43064 3200

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43064 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_018 Analysis Date: 26-APR-1996 05:18:59

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.32		49372	BV	1
	4.47		118534	VV	2
	4.66		277213	VV	3
	4.74		416886	VV	4
	4.90		547018	VV	5
	5.07		2407171	VV	6
	5.26		1087403	VE	7
	5.42		114344	EV	8
	5.58		90334	EV	9
	5.73		53590	VB	10
	5.95		21993	BB	11
	6.30		1043440	BE	12
	6.47		33496	EV	13
	6.70		32294	EV	14
	6.87		14330	VB	15
	7.06		26432	BV	16
	7.19		23990	VV	17
	7.31		226932	VV	18
	7.54		58381	VV	19
	7.65		498668	VE	20
	7.85		33466	EV	21
	8.01		96297	EV	22
	8.19		87822	VV	23
	8.38		46653	VV	24
	8.50		54955	VV	25
	8.66		74932	VV	26
	8.77		130092	VV	27
	9.02		55760	VE	28
TCMX	9.14	-0.00262	4536	EB	29
	9.32		13208	VV	30
	9.55		134457	VV	31
	9.76		99384	VV	32
	9.95		135906	VV	33
	10.29		101505	VV	34
	10.42		72076	VV	35
	10.62		85168	VV	36
	10.83		110397	VV	37
	10.93		71386	VV	38
	11.07		61317	VV	39
	11.28		90906	VV	40
	11.38		39220	VV	41
	11.66		2858252	VB	42
	12.04		12707	BV	43
	12.20		67863	VV	44
	12.31		105139	VV	45
	12.45		114780	VV	46
	12.71		70726	VV	47
	12.79		53046	VV	48
	12.93		92374	VV	49
	13.33		187751	VV	50

Sample ID: 43064 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_018 Analysis Date: 26-APR-1996 05:18:59

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.60		83588	VV	51
	13.77		52155	VV	52
	13.90		103580	VV	53
	14.00		71598	VV	54
	14.19		2654032	VE	55
	14.38		157972	EV	56
	14.65		82270	EB	57
	14.82		15362	BV	58
	14.98		67021	VV	59
	15.11		177240	VV	60
	15.45		4236621	VE	61
	16.06		220639	EV	62
	16.33		96346	EV	63
	16.51		103741	VV	64
	16.91		300033	VV	65
	16.99		286493	VV	66
	17.31		97076	VV	67
	17.46		29870	VV	68
	17.64		63797	VV	69
	17.73		61428	VV	70
	17.82		92290	VV	71
AROCLOR-1254-2	17.96	-0.0594	37744	VV	72
	18.05		79932	VV	73
	18.28		133706	VV	74
	18.38		66537	VV	75
	18.60		56703	VV	76
	18.68		60178	VV	77
	18.79		82181	VV	78
	18.95		176358	VV	79
AROCLOR-1254-3	19.11	3.67	6521346	VE	80
	19.48		281131	EV	81
	19.75		102786	VV	82
	19.90		4309545	VE	83
	20.20		177520	EV	84
	20.45		153597	EV	85
	20.57		126251	VV	86
	20.73		260497	VV	87
AROCLOR-1254-4	20.88	0.293	274771	VV	88
	21.07		1671118	VE	89
	21.57		225110	EV	90
	21.74		5533127	VE	91
AROCLOR-1254-5	22.07	-0.0204	48367	EV	92
	22.17		64302	EV	93
	22.38		102127	EV	94
	22.61		204621	VV	95
	22.67		116901	VV	96
	22.85		111917	VV	97
	22.95		205346	VV	98
	23.38		404026	VV	99
	23.75		72756	VV	100
	23.94		251762	VV	101

Sample ID: 43064 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_018 Analysis Date: 26-APR-1996 05:18:59

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	24.30		47375	VV	102
	24.43		54802	VV	103
	24.74		176204	VV	104
	24.94		61867	VV	105
	25.03		74358	VV	106
	25.22		92832	VV	107
	25.50		83462	VV	108
	25.77		109136	VV	109
	25.97		144155	VV	110
	26.15		108968	VV	111
	26.31		57699	VV	112
	26.73		168463	VV	113
	26.85		57632	VV	114
	27.07		168831	VV	115
	27.60		110849	VV	116
	27.75		52115	VV	117
	27.92		149606	VV	118
	28.28		56258	VB	119
	28.64		99712	BV	120
	29.00		80860	VV	121
	29.07		120721	VV	122
	29.43		95247	VV	123
	29.88		91756	VV	124
DCB	30.07	5.40E-04	70400	VV	125
	30.28		149546	VV	126
	30.69		41103	VV	127
	31.09		134906	VV	128
	31.43		29686	VV	129
	31.50		26847	VV	130
	31.77		90395	VV	131
	31.96		97293	VV	132
	32.21		144871	VV	133
	32.92		152019	VV	134
	33.38		118220	VV	135
	33.74		12739	VB	136
	34.00		18982	BV	137
	34.78		145981	VB	138
	35.31		17958	BV	139
	35.66		12856	VB	140
	36.26		19014	BV	141
	37.04		108145	VB	142
	37.53		18059	BV	143
	37.72		16709	VB	144

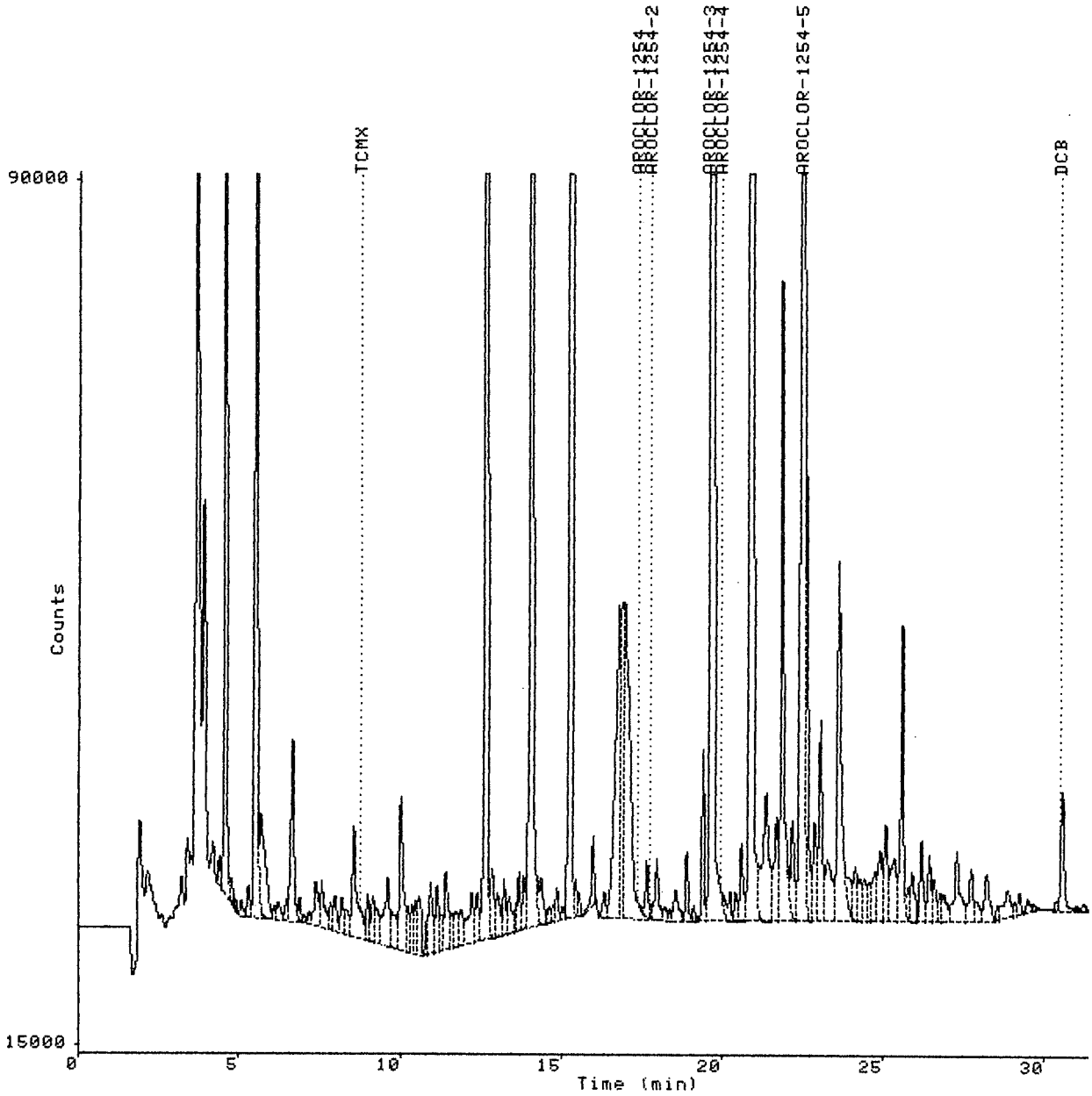
Average result...0.777 UG/ML

Run Number..... 18 End of Report.

Run Number..... 19
Sample Name..... 43064 3210
Run Date..... 26-APR-1996 06:01:18
Raw File..... 6_0425_019
Method Name..... 6_1254_0425
Method Type..... Linear

Blind - PCB -C

58901B 30M 0.53mm RTX-35 2uL INJ



43064 3210

All < 0.1 ug/Tube

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43064 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_019 Analysis Date: 26-APR-1996 06:01:18

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.40		13071	BV	1
	4.55		386975	VE	2
	4.78		13366	EV	3
	4.92		4082	EB	4
	5.09		8187	BV	5
	5.31		17275	VV	6
	5.51		548836	VE	7
	5.77		102389	EV	8
	6.13		8180	VV	9
	6.24		11694	VV	10
	6.48		10392	VV	11
	6.66		113395	VE	12
	6.88		10248	EV	13
	7.03		2841	EB	14
	7.16		5001	BV	15
	7.38		35649	VV	16
	7.56		34416	VV	17
	7.84		15114	VV	18
	7.96		22816	VV	19
	8.20		21262	VV	20
	8.32		19924	VV	21
	8.56		99696	VV	22
	8.99		23836	VV	23
	9.15		29346	VV	24
	9.26		24924	VV	25
	9.60		66410	VV	26
	9.72		37222	VV	27
	10.00		117117	VV	28
	10.21		19033	VV	29
	10.36		28521	VV	30
	10.48		25177	VV	31
	10.56		43037	VB	32
	10.84		17982	BV	33
	10.94		51620	VV	34
	11.14		43684	VV	35
	11.26		20089	VV	36
	11.41		57947	VV	37
	11.58		17644	VV	38
	11.74		31741	VV	39
	11.89		26721	VV	40
	12.22		54487	VV	41
	12.39		33983	VV	42
	12.63		3100952	VE	43
	12.85		49203	EV	44
	13.01		35585	EV	45
	13.23		30212	VV	46
	13.39		31795	VV	47
	13.61		11644	VV	48
	13.70		27567	VV	49
	13.84		31944	VV	50

Sample ID: 43064 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_019 Analysis Date: 26-APR-1996 06:01:18

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	14.04		2682739	VE	51
	14.39		42942	EV	52
	14.65		11279	EV	53
	14.76		6653	VV	54
	14.87		20827	VV	55
	15.06		7085	VB	56
	15.25		2493506	BE	57
	15.45		18791	EV	58
	15.54		9561	EB	59
	15.99		29567	BB	60
	16.35		15014	BV	61
	16.78		273577	VV	62
	16.89		150886	VV	63
	16.94		381155	VE	64
	17.65		29249	EV	65
AROCLOR-1254-2	17.76	-0.0681	6134	EV	66
	17.96		38723	EV	67
	18.19		10236	VV	68
	18.36		5073	VV	69
	18.54		27116	VV	70
	18.73		3317	VV	71
	18.87		35657	VE	72
	19.10		6383	EB	73
	19.38		68904	VV	74
AROCLOR-1254-3	19.63	8.00	5915384	VE	75
	20.22		25113	EV	76
	20.37		18861	EV	77
	20.56		48416	EV	78
	20.83		4917460	VE	79
	21.32		173541	EV	80
	21.65		76348	VV	81
	21.80		350236	VE	82
	22.14		66255	EV	83
AROCLOR-1254-5	22.42	3.40	4258392	VE	84
	22.56		183444	EV	85
	22.83		71664	VV	86
	23.01		129820	VV	87
	23.25		77795	VV	88
	23.57		290520	VE	89
	23.88		32621	EV	90
	24.11		37698	EV	91
	24.25		29016	VV	92
	24.39		29743	VV	93
	24.56		26504	VV	94
	24.73		43019	VV	95
	24.89		59500	VV	96
	25.06		71772	VV	97
	25.33		68414	VV	98
	25.55		155871	VE	99
	25.76		17594	EV	100
	25.86		38783	EV	101

Sample ID: 43064 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_019 Analysis Date: 26-APR-1996 06:01:18

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	26.16		55086	VV	102
	26.40		40131	VV	103
	26.55		30671	VV	104
	26.75		18662	VV	105
	26.85		24836	VV	106
	27.27		79960	VV	107
	27.71		42506	VV	108
	27.87		17974	VV	109
	28.19		47384	VB	110
	28.55		9405	BV	111
	28.84		37746	VV	112
	29.06		8754	VV	113
	29.20		12950	VV	114
	29.47		11183	VV	115
	29.64		4176	VV	116
	30.37		4416	BV	117
DCB	30.55	0.00372	78160	VE	118
	31.02		3160	EV	119
	31.22		4623	EV	120
	31.89		4112	VV	121
	32.92		2599	BB	122
	33.27		2556	BV	123

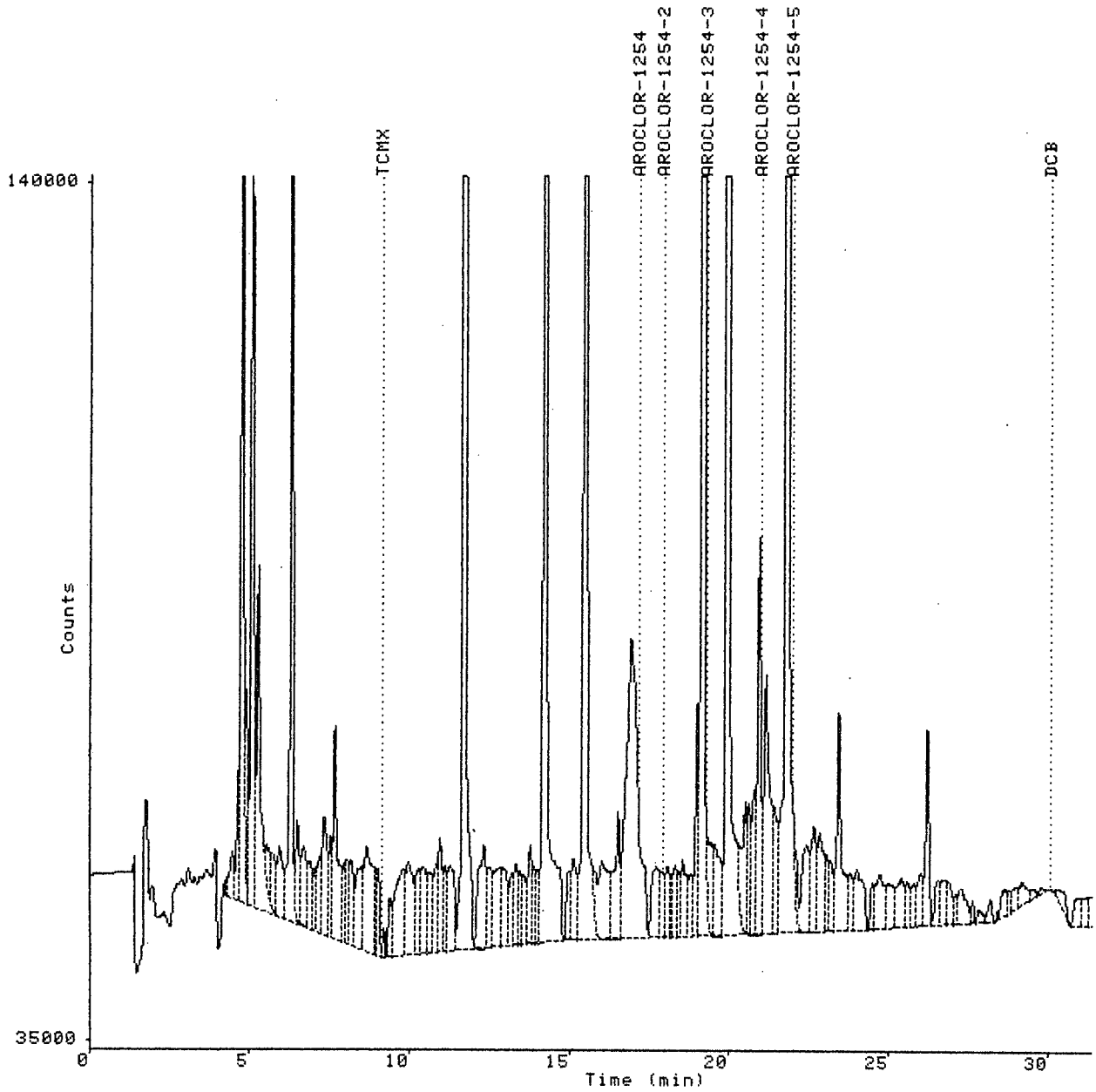
Average result...2.27 UG/ML

Run Number..... 19 End of Report.

Run Number..... 19
Sample Name..... 43064 3210
Run Date..... 26-APR-1996 06:01:25
Raw File..... 5_0425_019
Method Name..... 5_1254_0425
Method Type..... Linear

Blank- PCB-C

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43064 3210

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43064 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_019 Analysis Date: 26-APR-1996 06:01:25

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.30		9516	BV	1
	4.46		52907	VV	2
	4.64		77667	VV	3
	4.75		677291	VE	4
	4.89		108106	EV	5
	5.06		650358	VV	6
	5.26		396746	VE	7
	5.56		53779	EV	8
	5.72		63516	EV	9
	5.94		108067	VV	10
	6.29		657986	VE	11
	6.48		106756	EV	12
	6.70		112615	EV	13
	6.88		69546	VV	14
	7.07		49961	VV	15
	7.18		63804	VV	16
	7.33		165157	VV	17
	7.54		72638	VV	18
	7.65		267588	VV	19
	8.01		61112	VV	20
	8.06		61492	VV	21
	8.18		92051	VV	22
	8.45		150528	VV	23
	8.68		229637	VV	24
	8.94		49309	VV	25
	9.02		51679	VV	26
TCMX	9.20	-0.00227	13556	VB	27
	9.40		54810	BV	28
	9.81		225291	VV	29
	9.97		177724	VV	30
	10.30		111656	VV	31
	10.43		126977	VV	32
	10.62		115658	VV	33
	10.85		77856	VV	34
	10.94		120338	VV	35
	11.08		77578	VV	36
	11.29		152088	VV	37
	11.66		3169097	VE	38
	12.25		197186	EV	39
	12.46		106334	EV	40
	12.79		151811	VV	41
	12.91		115412	VV	42
	13.20		78970	VV	43
	13.31		88248	VV	44
	13.41		55813	VV	45
	13.50		78378	VV	46
	13.75		112566	VV	47
	13.89		61223	VV	48
	13.98		42123	VV	49
	14.19		3092366	VB	50

Sample ID: 43064 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_019 Analysis Date: 26-APR-1996 06:01:25

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	14.98		79597	BV	51
	15.11		125200	VV	52
	15.45		4223445	VE	53
	16.01		236886	EV	54
	16.51		201682	EV	55
	16.91		952594	VV	56
	17.70		144939	VV	57
AROCLOR-1254-2	17.89	-0.0289	80052	VV	58
	18.05		81861	VV	59
	18.19		33804	VV	60
	18.28		77762	VV	61
	18.42		38073	VV	62
	18.51		121662	VV	63
	18.79		67021	VV	64
	18.95		161470	VV	65
	19.11		6553483	VE	66
AROCLOR-1254-3	19.40	-0.0158	103793	EV	67
	19.52		176264	EV	68
	19.90		4963332	VE	69
	20.45		168988	EV	70
	20.57		119463	EV	71
	20.74		132846	EV	72
AROCLOR-1254-4	20.88	0.404	361249	EV	73
	21.10		437405	VV	74
	21.42		139377	VV	75
	21.74		5607300	VE	76
	22.38		201477	EV	77
	22.60		167962	EV	78
	22.80		150835	VV	79
	22.97		68951	VV	80
	23.12		73088	VV	81
	23.38		283775	VV	82
	23.73		81044	VV	83
	24.04		142441	VB	84
	24.44		51213	BV	85
	24.68		121739	VV	86
	24.95		88246	VV	87
	25.35		109807	VV	88
	25.54		50034	VV	89
	25.76		57789	VV	90
	25.95		76189	VV	91
	26.15		177714	VV	92
	26.51		69412	VV	93
	26.68		71086	VV	94
	26.83		51472	VV	95
	27.09		26853	VV	96
	27.23		79215	VV	97
	27.59		16170	VV	98
	27.79		20320	VV	99
	28.15		26168	VB	100
	28.38		4763	BV	101

Sample ID: 43064 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_019 Analysis Date: 26-APR-1996 06:01:25

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	28.61		45358	VV	102
	28.75		15184	VV	103
	28.97		39205	VV	104
	29.15		51621	VV	105
	29.46		14047	VV	106
	29.76		11471	VB	107
	30.30		40213	BB	108
	30.91		50298	BV	109
	31.20		47908	VV	110
	31.36		57815	VV	111
	32.00		146700	VV	112
	32.31		58690	VV	113
	32.52		163755	VV	114
	33.36		189276	VV	115
	34.01		73078	VV	116
	34.33		170443	VB	117
	35.76		73234	BV	118
	36.21		192194	VV	119
	36.84		55575	VV	120
	36.92		23492	VV	121
	37.06		70730	VV	122
	37.49		33284	VB	123

Average result...0.0719 UG/ML

Run Number..... 19 End of Report.

TEST CODE :APCB 1

JOB NUMBER :9600.789
ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : ROY F. WESTON
TEST NAME : TO-10 PCB IN AIR
UNITS : UG/TUBE
SAMPLE ID LAB : EE-96-43065
MATRIX: AIR
SAMPLE ID CLIENT: LB-PCB-A

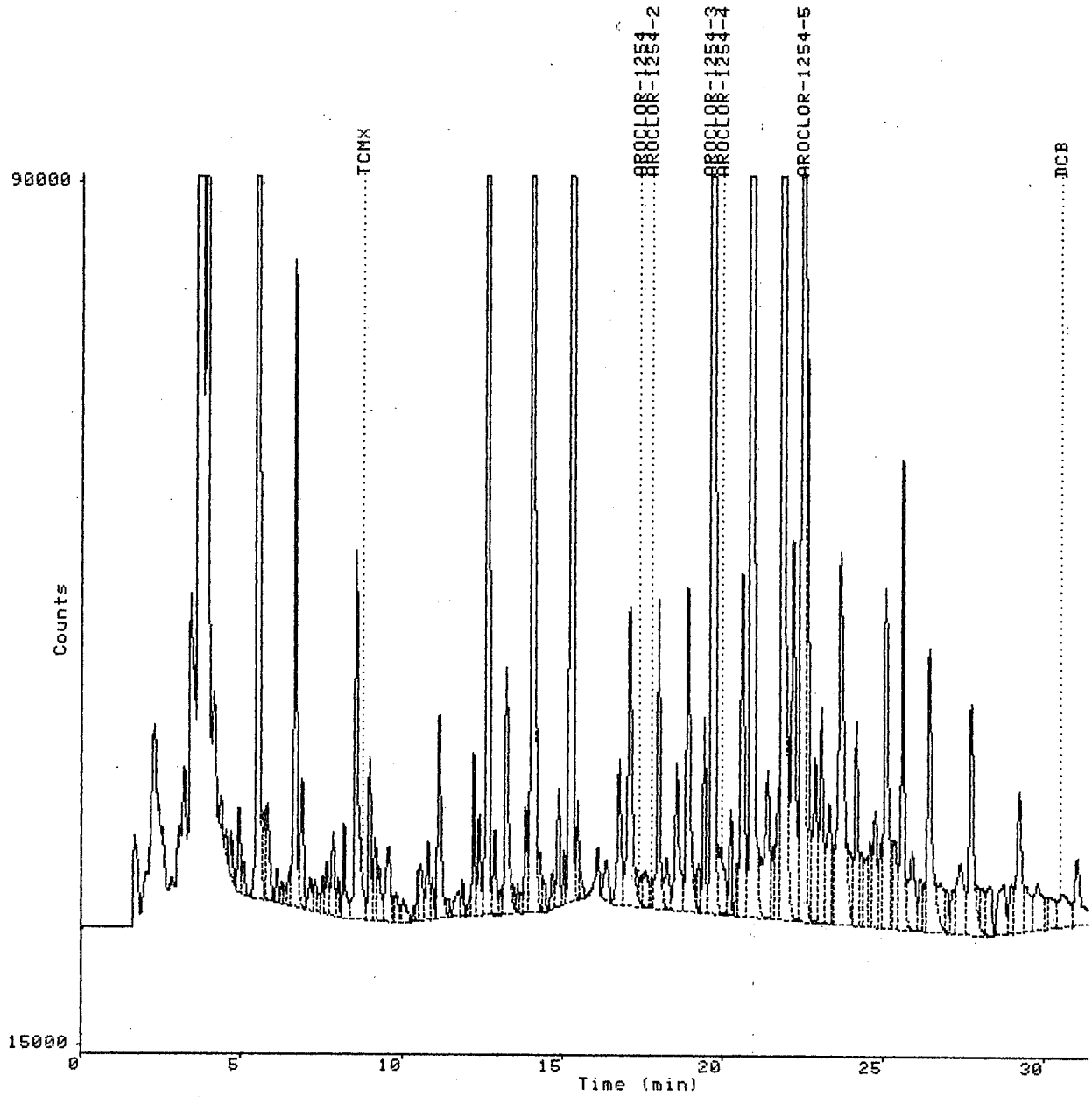
PARAMETER	RESULTS	Q	QNT. LIMIT
PCB-1242	ND		0.10
PCB-1254	ND		0.10
PCB-1221	ND		0.10
PCB-1232	ND		0.10
PCB-1248	ND		0.10
PCB-1260	ND		0.10
PCB-1016	ND		0.10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
N = ANALYTE WAS NOT CONFIRMED BY ALTERNATE PROCEDURE

Run Number..... 20
Sample Name..... 43065 3200
Run Date..... 26-APR-1996 06:43:41
Raw File..... 6_0425_020
Method Name..... 6_1254_0425
Method Type..... Linear

LB-PCB-A

58901B 30M 0.53mm RTX-35 2uL INJ



43065 3200

All < 0.1 ng/tube

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43065 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_020 Analysis Date: 26-APR-1996 06:43:41

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.36		19505	BV	1
	4.52		11805	VB	2
	4.69		22890	BB	3
	4.93		46044	BV	4
	5.08		15550	VB	5
	5.51		935862	BE	6
	5.69		36113	EV	7
	5.80		67531	EB	8
	6.12		18969	BV	9
	6.28		11550	VV	10
	6.39		6435	VV	11
	6.48		14589	VV	12
	6.66		313990	VE	13
	6.88		74751	EV	14
	7.14		20970	VV	15
	7.29		16924	VV	16
	7.40		8341	VV	17
	7.53		16056	VV	18
	7.64		31828	VV	19
	7.84		48909	VV	20
	8.02		14492	VB	21
	8.19		48023	BV	22
	8.55		247592	VV	23
	8.98		93509	VV	24
	9.15		43512	VV	25
	9.27		31904	VV	26
	9.56		64454	VV	27
	9.72		11052	VV	28
	9.81		15270	VV	29
	9.93		5733	VV	30
	10.02		18608	VB	31
	10.36		6563	BV	32
	10.50		22357	VV	33
	10.56		37838	VV	34
	10.80		47185	VV	35
	10.94		21892	VV	36
	11.13		140068	VE	37
	11.42		11395	EB	38
	11.76		27308	BV	39
	11.88		17218	VV	40
	12.11		10352	VV	41
	12.22		72470	VV	42
	12.39		53859	VV	43
	12.63		2829315	VE	44
	12.87		48625	EV	45
	13.05		13176	EV	46
	13.22		180836	VE	47
	13.48		10089	EV	48
	13.61		12038	EV	49
	13.72		9009	EV	50

Sample ID: 43065 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_020 Analysis Date: 26-APR-1996 06:43:41

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.84		58208	VV	51
	14.04		2611119	VE	52
	14.28		37149	EV	53
	14.43		13566	EB	54
	14.68		24667	BV	55
	14.86		64266	VV	56
	15.04		22091	VV	57
	15.25		2271971	VE	58
	15.45		41585	EV	59
	15.56		13969	EB	60
	16.36		34392	BB	61
	16.75		100449	BV	62
	17.07		240933	VE	63
AROCLOR-1254	17.30	-0.0293	13141	EV	64
	17.46		15058	EV	65
	17.56		27513	EV	66
	17.69		8073	VV	67
AROCLOR-1254-2	17.79	-0.0605	11796	VV	68
	17.96		153575	VE	69
	18.20		41351	EV	70
	18.52		119191	VV	71
	18.86		245537	VE	72
	19.09		5685	EV	73
	19.17		11553	EV	74
	19.22		20554	EV	75
	19.38		86659	VV	76
AROCLOR-1254-3	19.63	8.00	5912466	VE	77
AROCLOR-1254-4	19.90	0.00717	77418	EV	78
	20.20		49007	EB	79
	20.39		24184	BV	80
	20.54		246686	VV	81
	20.83		4765625	VE	82
	21.33		162637	EV	83
	21.55		44137	EV	84
	21.66		62720	VV	85
	21.80		1968401	VE	86
	22.12		315026	EV	87
AROCLOR-1254-5	22.42	3.28	4115910	VE	88
	22.56		229629	EV	89
	22.82		125940	EV	90
	23.01		143719	VV	91
	23.27		105601	VV	92
	23.38		26995	VV	93
	23.61		409256	VE	94
	23.91		45401	EV	95
	24.10		130702	VV	96
	24.27		46954	VV	97
	24.44		43372	VV	98
	24.56		53927	VV	99
	24.71		83668	VV	100
	24.89		44556	VV	101

Sample ID: 43065 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_020 Analysis Date: 26-APR-1996 06:43:41

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	25.03		262042	VV	102
	25.22		36543	VV	103
	25.32		57059	VV	104
	25.55		240822	VE	105
	25.85		89365	EV	106
	26.11		39064	VV	107
	26.26		16984	VV	108
	26.38		241822	VE	109
	26.75		48411	EV	110
	26.94		23970	EV	111
	27.14		31393	VV	112
	27.37		96831	VV	113
	27.69		200033	VE	114
	27.94		22636	EV	115
	28.06		30816	EV	116
	28.28		53936	EB	117
	28.69		75797	BV	118
	28.95		40443	VV	119
	29.18		137283	VV	120
	29.40		57929	VV	121
	29.77		68964	VV	122
	30.07		17637	VV	123
	30.14		43118	VV	124
DCB	30.54	0.00342	71543	VV	125
	31.00		108753	VE	126
	31.90		29721	VV	127
	32.25		18072	VV	128
	32.56		9833	VV	129
	32.92		12233	VB	130
	33.26		19841	BE	131

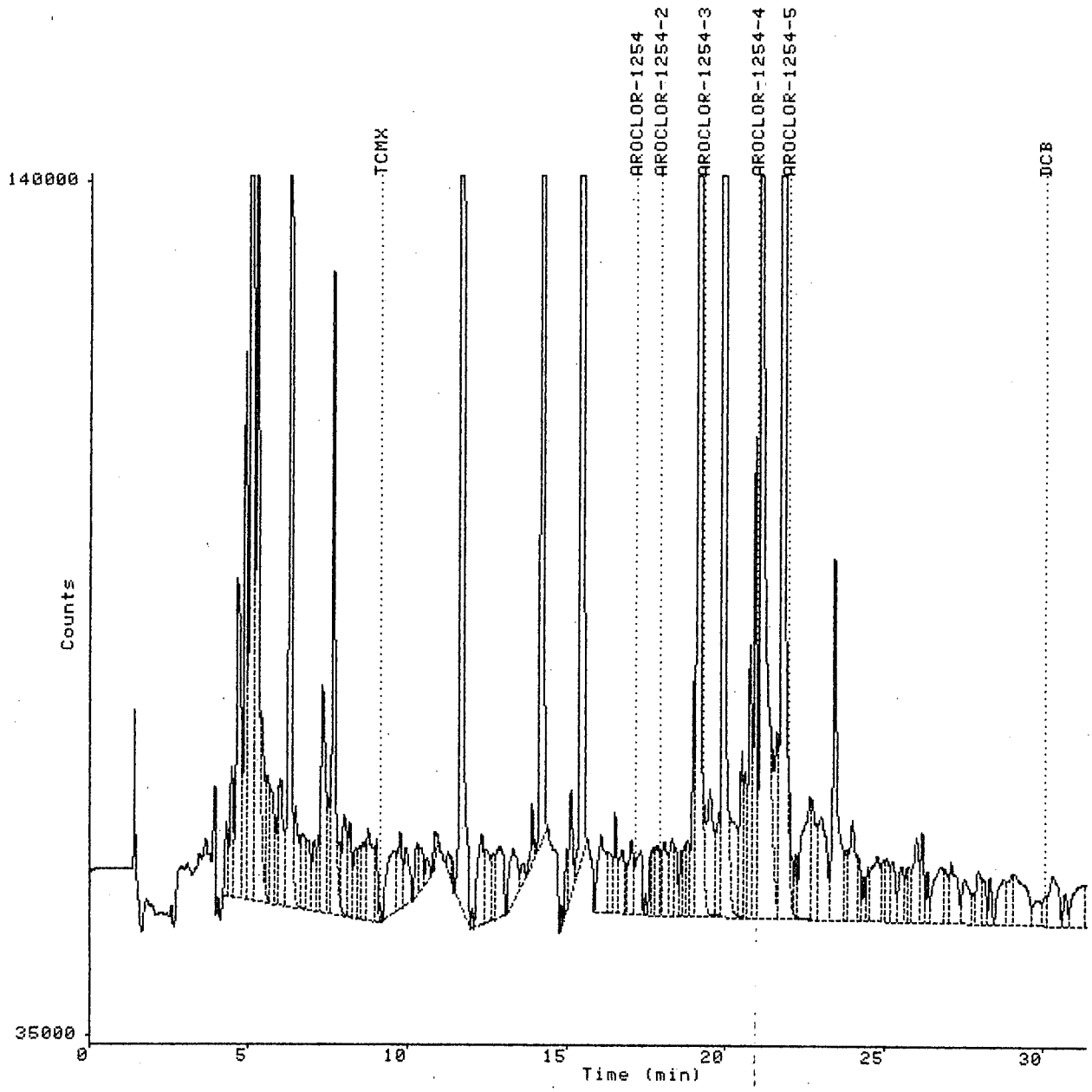
Average result...2.24 UG/ML

Run Number..... 20 End of Report.

Run Number..... 20
Sample Name..... 43065 3200
Run Date..... 26-APR-1996 06:43:50
Raw File..... 5_0425_020
Method Name..... 5_1254_0425
Method Type..... Linear

LB-PCB-A

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43065 3200

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43065 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_020 Analysis Date: 26-APR-1996 06:43:50

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.30		55475	BV	1
	4.46		123592	VV	2
	4.66		420520	VV	3
	4.89		398469	VV	4
	5.06		1600995	VV	5
	5.25		796827	VE	6
	5.41		112371	EV	7
	5.58		125275	EV	8
	5.71		121712	VV	9
	5.95		78757	VV	10
	6.00		137484	VV	11
	6.29		1066933	VE	12
	6.46		103868	EV	13
	6.69		107220	EV	14
	6.87		64729	VV	15
	7.06		69135	VV	16
	7.19		49956	VV	17
	7.31		288221	VV	18
	7.53		63915	VV	19
	7.64		497343	VE	20
	7.85		46452	EV	21
	8.01		123464	EV	22
	8.18		95198	VV	23
	8.38		64928	VV	24
	8.51		52424	VV	25
	8.62		85022	VV	26
	8.77		158487	VV	27
	9.02		53688	VE	28
TCMX	9.13	-0.00258	5464	EB	29
	9.58		168762	BV	30
	9.76		84849	VV	31
	9.95		88979	VB	32
	10.30		57538	BV	33
	10.41		39726	VV	34
	10.61		23022	VB	35
	10.87		15196	BB	36
	11.27		21174	BV	37
	11.38		13241	VB	38
	11.65		2978918	BB	39
	12.03		10872	BV	40
	12.32		143053	VV	41
	12.44		110984	VV	42
	12.70		67587	VV	43
	12.87		135416	VB	44
	13.32		119705	BV	45
	13.61		21364	VB	46
	13.90		42528	BV	47
	13.99		6782	VV	48
	14.19		2581575	VB	49
	14.82		10580	BV	50

Sample ID: 43065 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_020 Analysis Date: 26-APR-1996 06:43:50

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	14.99		47125	VV	51
	15.10		92166	VV	52
	15.44		3871796	VB	53
	16.07		153562	BV	54
	16.32		76598	VV	55
	16.51		92727	VV	56
	16.74		85492	VV	57
	16.87		25310	VV	58
AROCLOR-1254	17.01	-0.0118	91257	VV	59
	17.29		102500	VV	60
	17.46		9286	VB	61
	17.64		42265	BV	62
	17.73		55019	VV	63
	17.82		71812	VV	64
AROCLOR-1254-2	17.96	-0.0675	26471	VV	65
	18.04		89805	VV	66
	18.28		105102	VV	67
	18.39		44090	VV	68
	18.60		45294	VV	69
	18.70		46362	VV	70
	18.77		74548	VV	71
	18.95		161984	VV	72
	19.11		6570938	VE	73
	19.48		247862	EV	74
	19.76		84479	EV	75
	19.90		4196586	VE	76
	20.27		156899	EV	77
	20.45		154553	EV	78
	20.56		116465	VV	79
	20.73		240821	VV	80
AROCLOR-1254-4	20.88	0.393	352153	VV	81
	21.07		1670528	VE	82
	21.57		194697	EV	83
	21.74		5586347	VE	84
AROCLOR-1254-5	22.05	-0.0198	49344	EV	85
	22.17		44123	EV	86
	22.62		290473	EV	87
	22.68		150537	VV	88
	22.97		220040	VV	89
	23.38		445347	VV	90
	23.75		57294	VV	91
	23.94		158476	VV	92
	24.11		52941	VV	93
	24.30		29459	VV	94
	24.44		41597	VV	95
	24.74		150185	VV	96
	24.94		51017	VV	97
	25.02		73526	VV	98
	25.22		76297	VV	99
	25.49		74239	VV	100
	25.68		50139	VV	101

Sample ID: 43065 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_020 Analysis Date: 26-APR-1996 06:43:50

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	25.75		34944	VV	102
	25.96		126072	VV	103
	26.15		76750	VV	104
	26.31		37142	VV	105
	26.64		144184	VV	106
	26.85		53135	VV	107
	27.08		122364	VV	108
	27.49		85888	VV	109
	27.72		21772	VV	110
	27.92		70508	VV	111
	28.10		46506	VV	112
	28.28		36688	VV	113
	28.66		101096	VV	114
	28.99		71226	VV	115
	29.29		165419	VV	116
	29.79		50472	VV	117
DCB	30.10	-0.00105	37760	VV	118
	30.34		122947	VV	119
	30.69		31856	VV	120
	31.08		128926	VV	121
	31.52		72467	VV	122
	31.77		111146	VV	123
	31.98		56149	VV	124
	32.33		161530	VV	125
	32.92		179862	VV	126
	33.38		127747	VV	127
	33.74		17709	VV	128
	34.00		28645	VV	129
	34.52		260720	VV	130
	35.68		175646	VV	131
	35.92		110850	VV	132
	36.27		140689	VV	133
	37.01		182054	VB	134
	37.52		17631	BV	135
	37.73		8856	VB	136

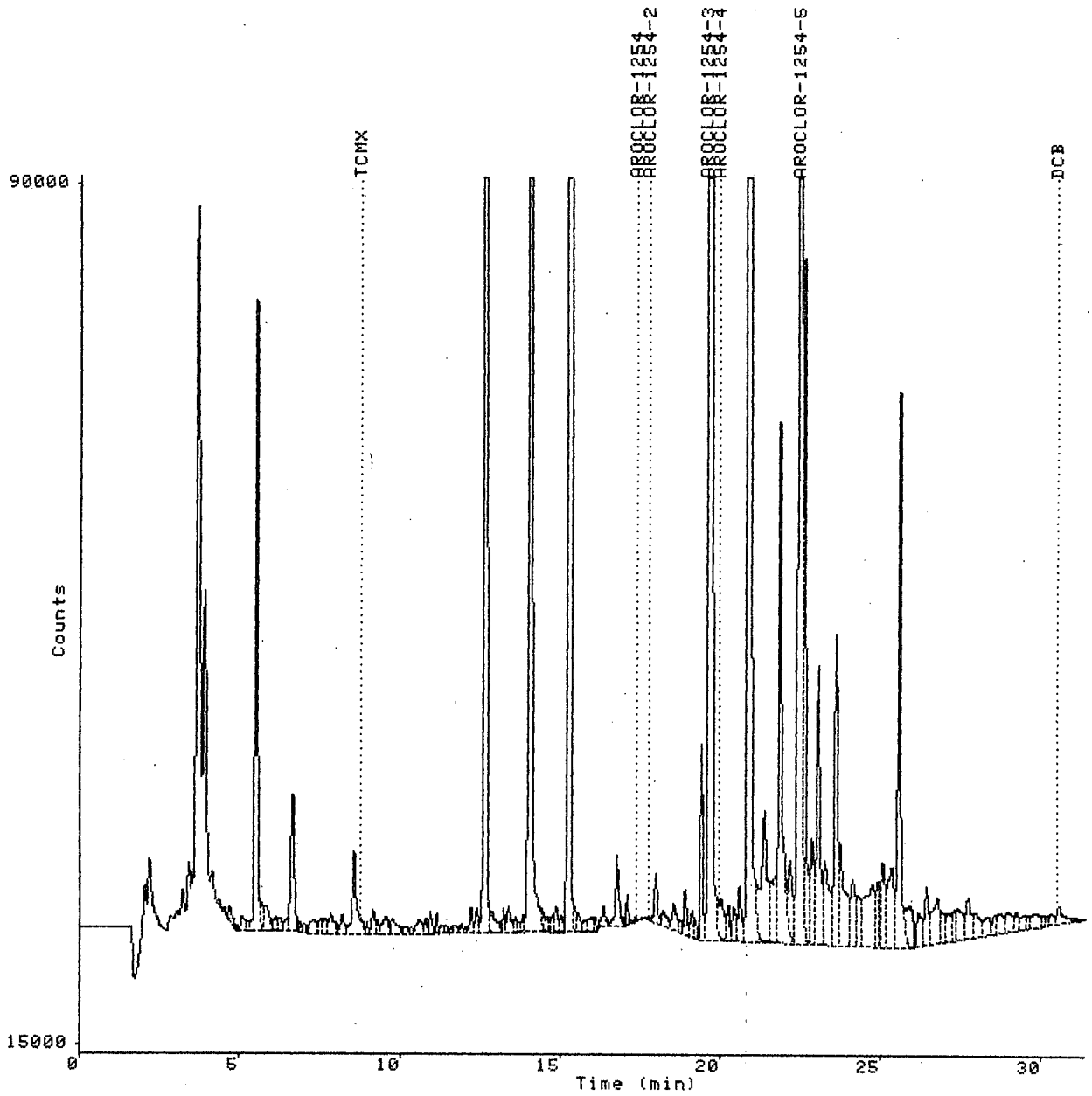
Average result...0.0587 UG/ML

Run Number..... 20 End of Report.

Run Number..... 21
Sample Name..... 43065 3210
Run Date..... 26-APR-1996 07:26:03
Raw File..... 6_0425_021
Method Name..... 6_1254_0425
Method Type..... Linear

LB-PCB-A

58901B 30M 0.53mm RTX-35 2uL INJ



43065 3210

All < 0.1 mg/Tube

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43065 3210 Instrument: 5890IB 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_021 Analysis Date: 26-APR-1996 07:26:03

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.36		3141	BV	1
	4.54		3363	VV	2
	4.70		11970	VB	3
	5.10		12750	VV	4
	5.27		5344	VV	5
	5.52		293783	VE	6
	5.70		12786	EV	7
	5.83		25429	EV	8
	6.13		10450	VV	9
	6.26		10224	VV	10
	6.48		8683	VV	11
	6.66		91858	VB	12
	6.89		3735	BV	13
	7.02		4423	VB	14
	7.28		16484	BV	15
	7.44		4181	VV	16
	7.53		8129	VV	17
	7.65		11588	VV	18
	7.84		16947	VV	19
	8.00		4277	VV	20
	8.20		15740	VV	21
	8.56		70328	VB	22
	8.98		4466	BV	23
	9.16		15330	VV	24
	9.26		6952	VV	25
	9.55		19975	VV	26
	9.74		18299	VV	27
	10.03		3336	VV	28
	10.15		5956	VV	29
	10.34		3696	VV	30
	10.60		16324	VV	31
	10.80		8135	VV	32
	10.94		11109	VB	33
	11.14		8015	BV	34
	11.30		5929	VV	35
	11.42		4511	VV	36
	11.64		3476	VV	37
	11.72		5837	VV	38
	11.90		4747	VV	39
	12.05		2840	VV	40
	12.22		14629	VV	41
	12.40		14748	VV	42
	12.63		2819971	VE	43
	12.87		26848	EV	44
	13.23		10447	VV	45
	13.39		20309	VV	46
	13.61		8457	VV	47
	13.72		5079	VV	48
	13.85		9090	VV	49
	14.04		2449157	VE	50

Sample ID: 43065 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_021 Analysis Date: 26-APR-1996 07:26:03

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	14.60		15411	EV	51
	14.69		5661	EV	52
	14.76		6005	EV	53
	14.87		17937	EV	54
	15.04		9890	EV	55
	15.25		2382290	VE	56
	15.44		15471	EV	57
	15.56		10909	EV	58
	15.80		8046	VV	59
	15.99		13422	VV	60
	16.08		7215	VB	61
	16.36		16334	BV	62
	16.77		44744	VE	63
	17.08		10667	BE	64
	17.96		23818	BV	65
	18.19		13079	VV	66
	18.53		22804	VV	67
	18.73		4803	VV	68
	18.87		22117	VV	69
	19.09		17520	VV	70
	19.21		6307	VB	71
	19.38		81121	BV	72
AROCLOR-1254-3	19.63	7.63	5643997	VE	73
AROCLOR-1254-4	20.00	-0.0133	45269	EV	74
	20.22		20401	EV	75
	20.37		24134	EV	76
	20.56		32765	VV	77
	20.83		4258920	VE	78
	21.33		159464	EV	79
	21.66		60675	EV	80
	21.80		323053	VE	81
	22.14		56845	EV	82
AROCLOR-1254-5	22.41	3.23	4045580	VE	83
	22.56		277939	EV	84
	22.83		79207	VV	85
	23.01		175612	VV	86
	23.24		92421	VV	87
	23.57		189603	VV	88
	23.71		111400	VV	89
	24.11		59177	VV	90
	24.26		36262	VV	91
	24.73		120901	VV	92
	24.91		34382	VV	93
	24.95		20242	VV	94
	25.06		61383	VV	95
	25.33		96144	VV	96
	25.55		274427	VE	97
	25.88		48205	EB	98
	26.16		35114	BV	99
	26.40		42363	VV	100
	26.74		68219	VV	101

Sample ID: 43065 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_021 Analysis Date: 26-APR-1996 07:26:03

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	26.94		26220	VV	102
	27.09		24636	VV	103
	27.28		20837	VV	104
	27.39		36858	VV	105
	27.70		46550	VV	106
	27.93		28947	VV	107
	28.31		23714	VV	108
	28.56		14449	VV	109
	28.71		23924	VV	110
	28.92		27692	VV	111
	29.20		14318	VV	112
	29.42		14879	VV	113
	29.57		6286	VV	114
	29.77		27179	VV	115
	30.03		6187	VV	116
	30.15		6938	VV	117
	30.30		11527	VV	118
DCB	30.54	0.00143	27385	VE	119
	32.91		3412	BB	120

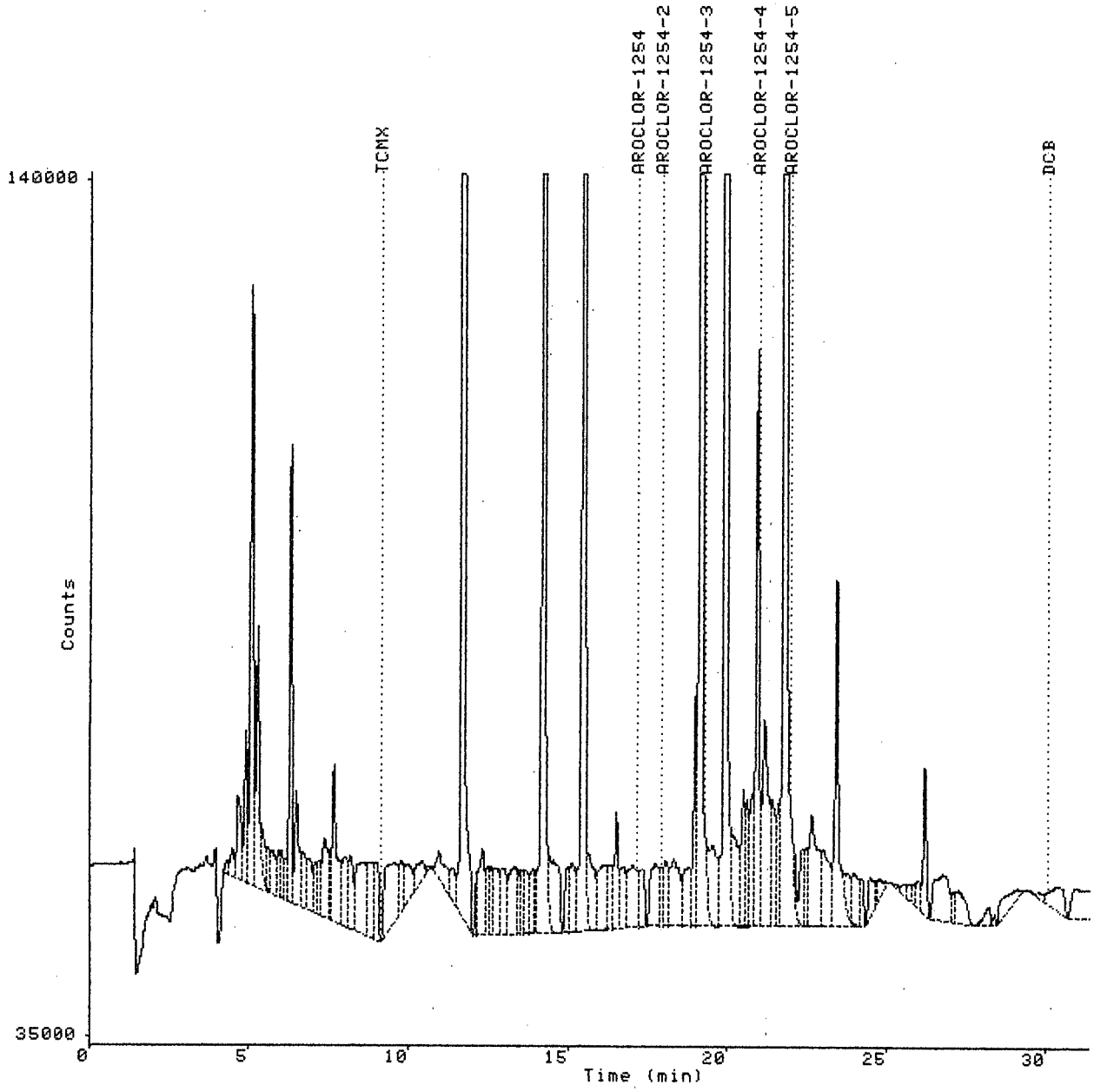
Average result...2.16 UG/ML

Run Number..... 21 End of Report.

Run Number..... 21
Sample Name..... 43065 3210
Run Date..... 26-APR-1996 07:26:09
Raw File..... 5_0425_021
Method Name..... 5_1254_0425
Method Type..... Linear

LB-PCB-A

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43065 3210

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43065 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_021 Analysis Date: 26-APR-1996 07:26:09

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.32		11446	BV	1
	4.47		27011	VV	2
	4.67		108507	VV	3
	4.90		109739	VV	4
	5.07		480406	VV	5
	5.26		240306	VE	6
	5.48		42747	EV	7
	5.58		39616	EV	8
	5.73		52378	VV	9
	5.95		40332	VV	10
	6.01		40309	VV	11
	6.15		18484	VV	12
	6.29		300715	VV	13
	6.47		126498	VV	14
	6.69		70806	VV	15
	6.88		57314	VV	16
	7.08		44641	VV	17
	7.19		50484	VV	18
	7.37		114690	VV	19
	7.53		38242	VV	20
	7.65		211927	VV	21
	8.02		97386	VV	22
	8.19		82824	VV	23
	8.60		190450	VV	24
	8.78		136029	VV	25
	9.02		68561	VB	26
	9.50		212794	BV	27
	9.76		66443	VV	28
	9.95		67304	VV	29
	10.41		50474	VV	30
	10.61		4323	VB	31
	10.94		71625	BV	32
	11.37		41540	VV	33
	11.66		2979297	VB	34
	12.15		37909	BV	35
	12.31		126009	VV	36
	12.48		57810	VV	37
	12.57		51050	VV	38
	12.70		101123	VV	39
	12.92		115676	VV	40
	13.30		138156	VV	41
	13.40		47286	VV	42
	13.55		55965	VV	43
	13.65		80635	VV	44
	13.89		78904	VV	45
	13.97		27214	VV	46
	14.19		2565043	VE	47
	14.60		185184	EB	48
	14.98		80561	BV	49
	15.11		95651	VV	50

Sample ID: 43065 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_021 Analysis Date: 26-APR-1996 07:26:09

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	15.45		3814551	VE	51
	15.64		137083	EV	52
	16.08		163383	EV	53
	16.32		69275	VV	54
	16.50		135438	VV	55
	16.72		86474	VV	56
AROCLOR-1254	17.01	0.0554	158672	VV	57
	17.33		90015	VB	58
	17.68		140650	BV	59
AROCLOR-1254-2	17.93	-0.0450	57772	VV	60
	18.05		77396	VV	61
	18.29		172795	VV	62
	18.70		122450	VV	63
	18.95		164476	VV	64
	19.11		6352881	VE	65
	19.52		183346	EV	66
	19.89		4305342	VE	67
	20.18		157875	EV	68
	20.46		138119	EV	69
	20.56		112547	EV	70
	20.74		117738	VV	71
AROCLOR-1254-4	20.88	0.572	491946	VV	72
	21.13		347312	VV	73
	21.36		153961	VV	74
	21.60		116180	VV	75
	21.74		5163713	VE	76
	22.32		111148	EV	77
	22.46		76078	EV	78
	22.61		264308	EV	79
	22.98		151315	VV	80
	23.38		366173	VE	81
	23.73		65236	EV	82
	23.94		93985	EV	83
	24.16		38171	VB	84
	24.43		61533	BV	85
	24.63		12376	VV	86
	24.73		23939	VE	87
	25.26		3963	VV	88
	25.50		14705	VV	89
	25.68		13731	VV	90
	25.86		21883	VV	91
	25.96		28648	VV	92
	26.15		116616	VB	93
	26.77		179556	BV	94
	27.09		25968	VV	95
	27.32		79481	VB	96
	28.16		30917	VV	97
	28.34		6516	VB	98
	28.76		74963	BB	99
	29.72		8797	BV	100
	30.36		84053	VB	101

Sample ID: 43065 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_021 Analysis Date: 26-APR-1996 07:26:09

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	30.98		140349	BV	102
	31.52		23922	VV	103
	31.82		49095	VV	104
	32.06		54848	VV	105
	32.15		19581	VV	106
	32.22		30674	VV	107
	32.37		62037	VV	108
	32.84		77655	VV	109
	33.19		60303	VV	110
	33.39		104048	VV	111
	34.01		65087	VV	112
	34.35		168411	VB	113
	35.99		65629	BE	114
	37.49		7998	BB	115

Average result...0.116 UG/ML

Run Number..... 21 End of Report.

TEST CODE :APCB 1 JOB NUMBER :9600.789
ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : ROY F. WESTON
TEST NAME : TO-10 PCB IN AIR UNITS : UG/TUBE
SAMPLE ID LAB : EE-96-43066 MATRIX: AIR
SAMPLE ID CLIENT: LB-PCB-B

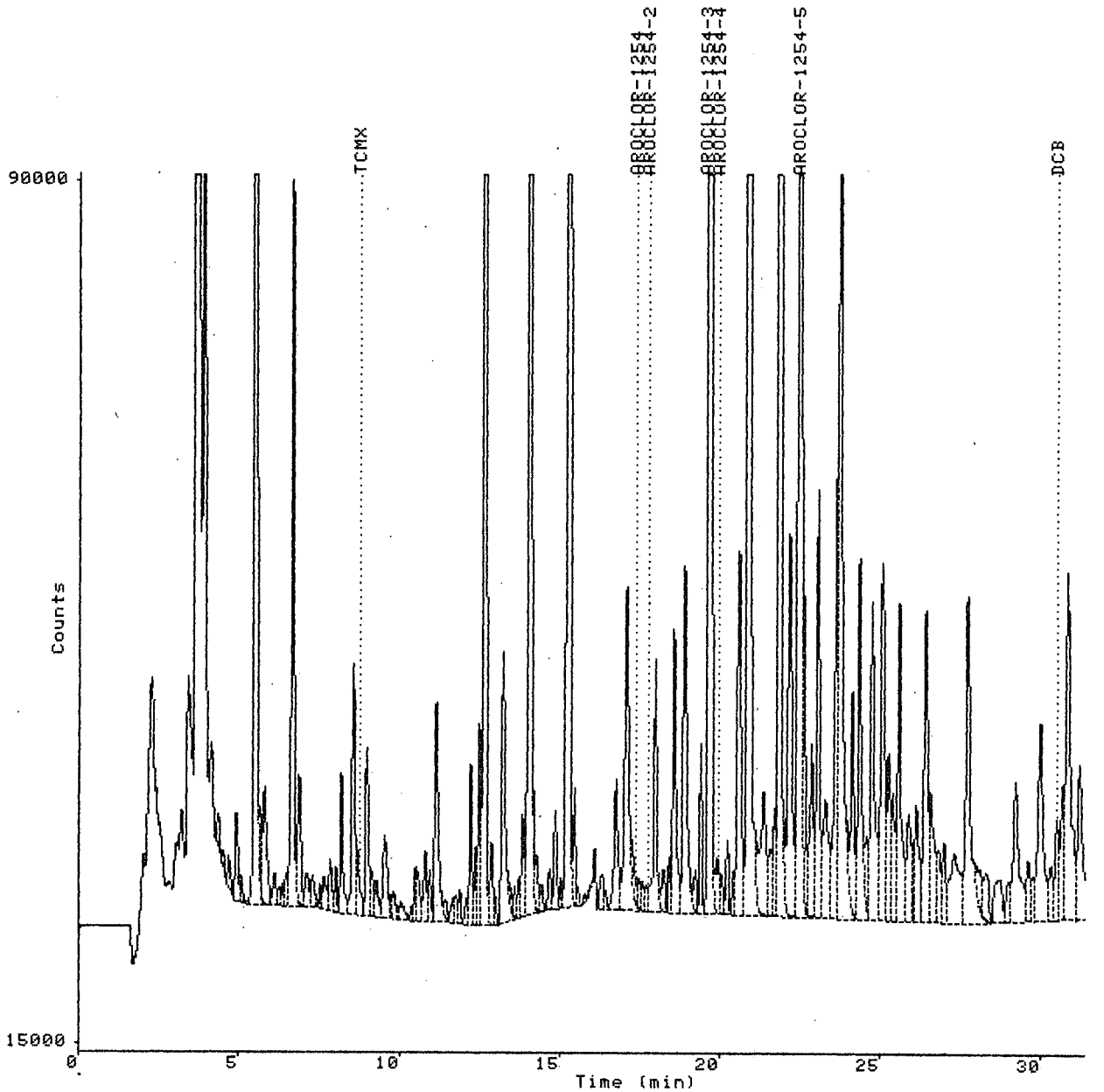
PARAMETER	RESULTS	Q	QNT. LIMIT
PCB-1242	ND		0.10
PCB-1254	ND		0.10
PCB-1221	ND		0.10
PCB-1232	ND		0.10
PCB-1248	ND		0.10
PCB-1260	ND		0.10
PCB-1016	ND		0.10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
N = ANALYTE WAS NOT CONFIRMED BY ALTERNATE PROCEDURE

Run Number..... 22
Sample Name..... 43066 3200
Run Date..... 26-APR-1996 08:08:23
Raw File..... 6_0425_022
Method Name..... 6_1254_0425
Method Type..... Linear

LB-PCB-B

58901B 30M 0.53mm RTX-35 2uL INJ



43066 3200

All < 0.1mg/Tube

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43066 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_022 Analysis Date: 26-APR-1996 08:08:23

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.36		18814	BV	1
	4.52		8519	VB	2
	4.69		17217	BB	3
	4.93		49922	BV	4
	5.08		12532	VB	5
	5.51		880247	VE	6
	5.68		33971	EV	7
	5.81		83887	EV	8
	6.12		19811	VV	9
	6.27		10533	VV	10
	6.40		8620	VV	11
	6.48		14903	VV	12
	6.66		354366	VE	13
	6.88		77878	EV	14
	7.11		25847	VV	15
	7.29		17611	VV	16
	7.39		3332	VB	17
	7.53		8643	BV	18
	7.64		22378	VV	19
	7.84		30122	VV	20
	8.02		17613	VB	21
	8.19		69089	BV	22
	8.55		140573	VV	23
TCMX	8.68	-4.82E-04	35808	VV	24
	8.98		101382	VV	25
	9.14		22275	VV	26
	9.27		21854	VV	27
	9.53		64045	VV	28
	9.72		10107	VV	29
	9.81		15122	VV	30
	9.95		3474	VV	31
	10.08		14368	VB	32
	10.36		5051	BV	33
	10.48		24667	VV	34
	10.55		28617	VV	35
	10.80		40782	VV	36
	10.94		24978	VV	37
	11.13		152336	VE	38
	11.42		10873	EB	39
	11.70		14859	BV	40
	11.76		12963	VV	41
	11.88		14602	VB	42
	12.12		12615	BV	43
	12.21		73751	VV	44
	12.39		30485	VV	45
	12.48		85417	VV	46
	12.63		2533929	VE	47
	12.87		50839	EV	48
	13.00		9600	EB	49
	13.22		205928	BE	50

Sample ID: 43066 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_022 Analysis Date: 26-APR-1996 08:08:23

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.47		12596	EV	51
	13.61		13995	EV	52
	13.74		17828	EV	53
	13.84		57402	VV	54
	14.04		2493630	VE	55
	14.28		39630	EV	56
	14.45		12769	EB	57
	14.69		22657	BV	58
	14.85		56601	VV	59
	15.04		11146	VV	60
	15.25		2195885	VE	61
	15.45		48078	EV	62
	15.56		7673	EB	63
	15.77		3208	BB	64
	16.32		25707	BV	65
	16.42		6907	VV	66
	16.75		90752	VV	67
	17.07		257863	VE	68
	17.23		24973	EV	69
AROCLOR-1254	17.45	-0.0239	15416	EV	70
	17.54		18242	VV	71
AROCLOR-1254-2	17.69	-0.0598	12383	VV	72
	17.96		135428	VE	73
	18.20		31885	EB	74
	18.38		20077	BV	75
	18.53		175084	VV	76
	18.85		262367	VE	77
	19.22		25494	EV	78
	19.37		66795	VV	79
AROCLOR-1254-3	19.63	7.18	5314359	VE	80
AROCLOR-1254-4	19.89	-0.0161	40762	EV	81
	19.99		21419	EV	82
	20.19		34988	VB	83
	20.39		18684	BV	84
	20.54		260358	VV	85
	20.83		4398818	VE	86
	21.31		149184	EV	87
	21.53		47153	EV	88
	21.66		47704	VV	89
	21.80		1739262	VE	90
	22.12		313891	EV	91
AROCLOR-1254-5	22.41	2.95	3700273	VE	92
	22.56		123103	EV	93
	22.82		128010	EV	94
	23.01		239473	VV	95
	23.26		136852	VV	96
	23.60		219389	VV	97
	23.69		677182	VE	98
	24.09		132910	EV	99
	24.31		249000	VE	100
	24.55		42646	EV	101

Sample ID: 43066 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_022 Analysis Date: 26-APR-1996 08:08:23

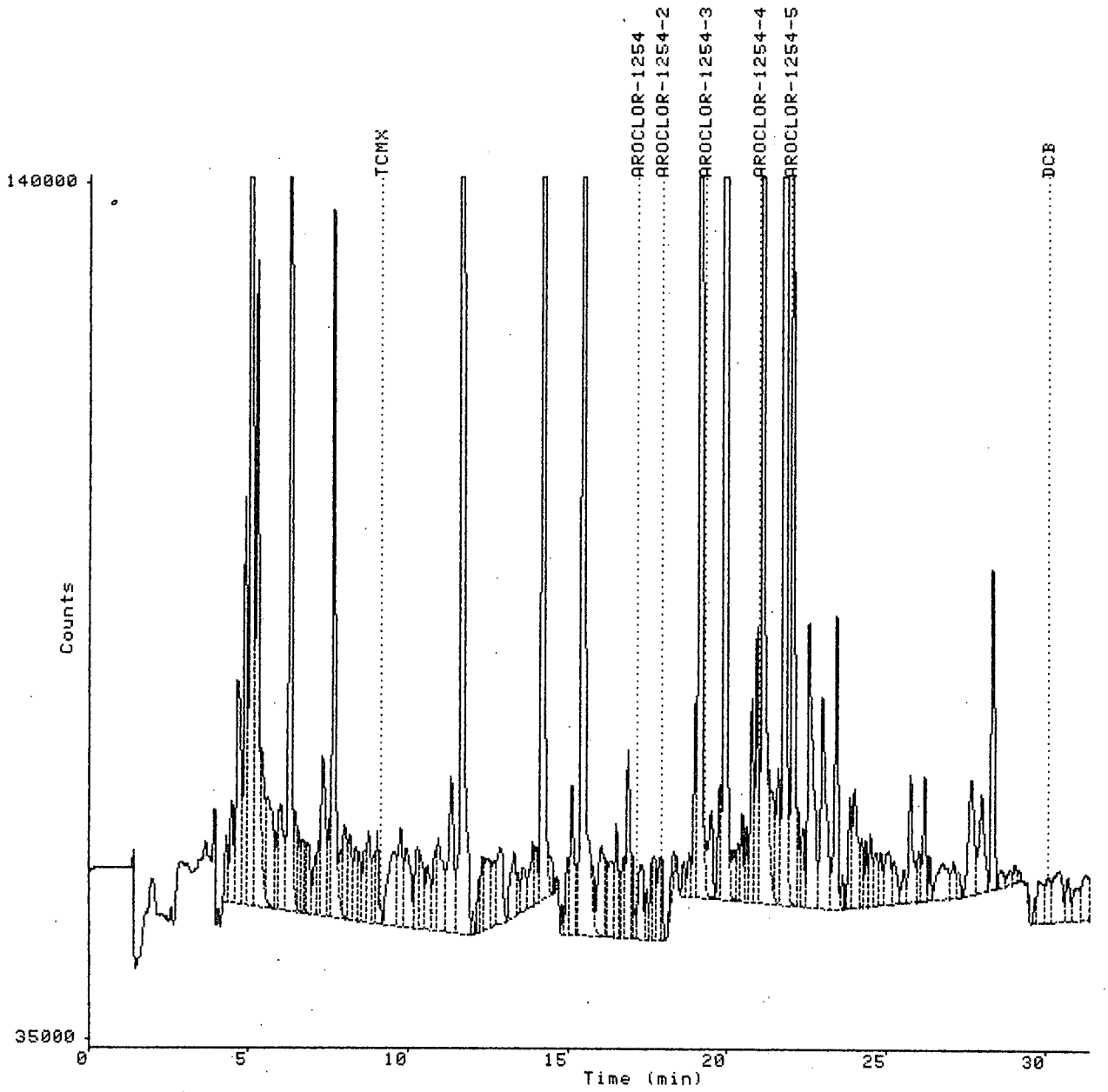
Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	24.71		243000	VV	102
	25.03		280362	VV	103
	25.24		97523	VV	104
	25.35		78060	VV	105
	25.55		212965	VV	106
	25.85		84700	VV	107
	25.97		25749	VV	108
	26.09		87575	VV	109
	26.23		15941	VV	110
	26.38		215427	VV	111
	26.53		111188	VV	112
	26.78		52629	VV	113
	26.96		55919	VV	114
	27.28		127614	VV	115
	27.68		303858	VE	116
	28.05		37903	EV	117
	28.26		46407	EB	118
	28.66		67098	BV	119
	28.99		32858	VV	120
	29.17		159640	VV	121
	29.58		47651	VV	122
	29.75		26944	VV	123
	29.96		204051	VV	124
	30.30		43288	VV	125
DCB	30.48	0.00349	73113	VV	126
	30.67		82512	VV	127
	30.81		316024	VV	128
	31.18		169273	VE	129
	31.57		26083	EV	130
	31.92		59523	VV	131
	32.24		26552	VV	132
	32.37		28682	VV	133
	32.61		23982	VB	134
	32.93		13526	BV	135
	33.16		100923	VV	136
	33.46		22016	VV	137
	33.73		31713	VV	138
	33.96		55195	VV	139
	34.42		27229	VV	140
	34.90		2646	VB	141

Average result...2.01 UG/ML

Run Number..... 22 End of Report.

Run Number..... 22
Sample Name..... 43066 3200 LB-PCB-B
Run Date..... 26-APR-1996 08:08:29
Raw File..... 5_0425_022
Method Name..... 5_1254_0425
Method Type..... Linear

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43066 3200

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43066 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_022 Analysis Date: 26-APR-1996 08:08:29

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.30		50275	BV	1
	4.46		99536	VV	2
	4.67		311555	VV	3
	4.89		301953	VV	4
	5.06		1196639	VV	5
	5.26		629678	VE	6
	5.41		104486	EV	7
	5.68		205039	EV	8
	5.95		69229	VV	9
	6.01		122620	VV	10
	6.29		971924	VE	11
	6.46		62049	EV	12
	6.57		52711	EV	13
	6.69		59993	EV	14
	6.78		39065	VV	15
	6.86		62199	VV	16
	7.09		46888	VV	17
	7.19		51306	VV	18
	7.32		206190	VV	19
	7.54		58566	VV	20
	7.64		531971	VE	21
	7.88		38606	EV	22
	8.02		115904	EV	23
	8.18		83085	VV	24
	8.37		75171	VV	25
	8.47		46809	VV	26
	8.66		61462	VV	27
	8.77		105082	VV	28
	8.93		43588	VV	29
TCMX	9.03	-1.54E-04	68321	VB	30
	9.48		165434	BV	31
	9.75		114871	VV	32
	9.94		136385	VV	33
	10.28		96527	VV	34
	10.38		74781	VV	35
	10.60		80060	VV	36
	10.85		66415	VV	37
	10.93		159302	VV	38
	11.33		219220	VV	39
	11.65		2782866	VE	40
	12.03		10268	EB	41
	12.22		32525	BV	42
	12.32		68568	VV	43
	12.49		110707	VV	44
	12.70		58662	VV	45
	12.87		125518	VB	46
	13.30		102823	BV	47
	13.42		29275	VV	48
	13.60		60835	VV	49
	13.89		81361	VV	50

Sample ID: 43066 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_022 Analysis Date: 26-APR-1996 08:08:29

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	14.00		46378	VV	51
	14.19		2244627	VE	52
	14.47		32184	EB	53
	14.62		5330	BB	54
	14.82		16391	BV	55
	14.99		63161	VV	56
	15.10		150370	VV	57
	15.26		35791	VV	58
	15.44		3678722	VE	59
	16.04		157591	EV	60
	16.16		56345	EV	61
	16.35		99711	EV	62
	16.50		102894	VV	63
	16.62		31395	VV	64
	16.74		64403	VV	65
	16.86		174229	VV	66
	16.99		36821	VV	67
AROCLOR-1254	17.08	-0.0904	12447	VV	68
	17.29		105948	VV	69
	17.46		35108	VV	70
	17.64		62098	VV	71
	17.68		61329	VV	72
	17.88		76291	VV	73
AROCLOR-1254-2	17.93	-0.0608	35812	VB	74
	18.29		38702	BB	75
	18.61		26721	BV	76
	18.79		39328	VV	77
	18.95		122403	VV	78
	19.10		5867042	VE	79
	19.47		109998	EV	80
	19.74		98306	VV	81
	19.89		3869541	VE	82
	20.16		52117	EV	83
	20.31		48474	EV	84
	20.43		63770	VV	85
	20.56		48675	VV	86
	20.72		168939	VV	87
AROCLOR-1254-4	20.88	0.204	204936	VV	88
	21.06		1321727	VE	89
	21.36		114694	EV	90
	21.55		121495	EV	91
	21.74		4745899	VE	92
AROCLOR-1254-5	21.99	0.322	638237	EV	93
	22.16		54754	VV	94
	22.32		76227	VV	95
	22.52		402333	VV	96
	22.94		315829	VV	97
	23.37		255814	VE	98
	23.57		17880	EB	99
	23.79		112059	BV	100
	23.94		161968	VV	101

Sample ID: 43066 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_022 Analysis Date: 26-APR-1996 08:08:29

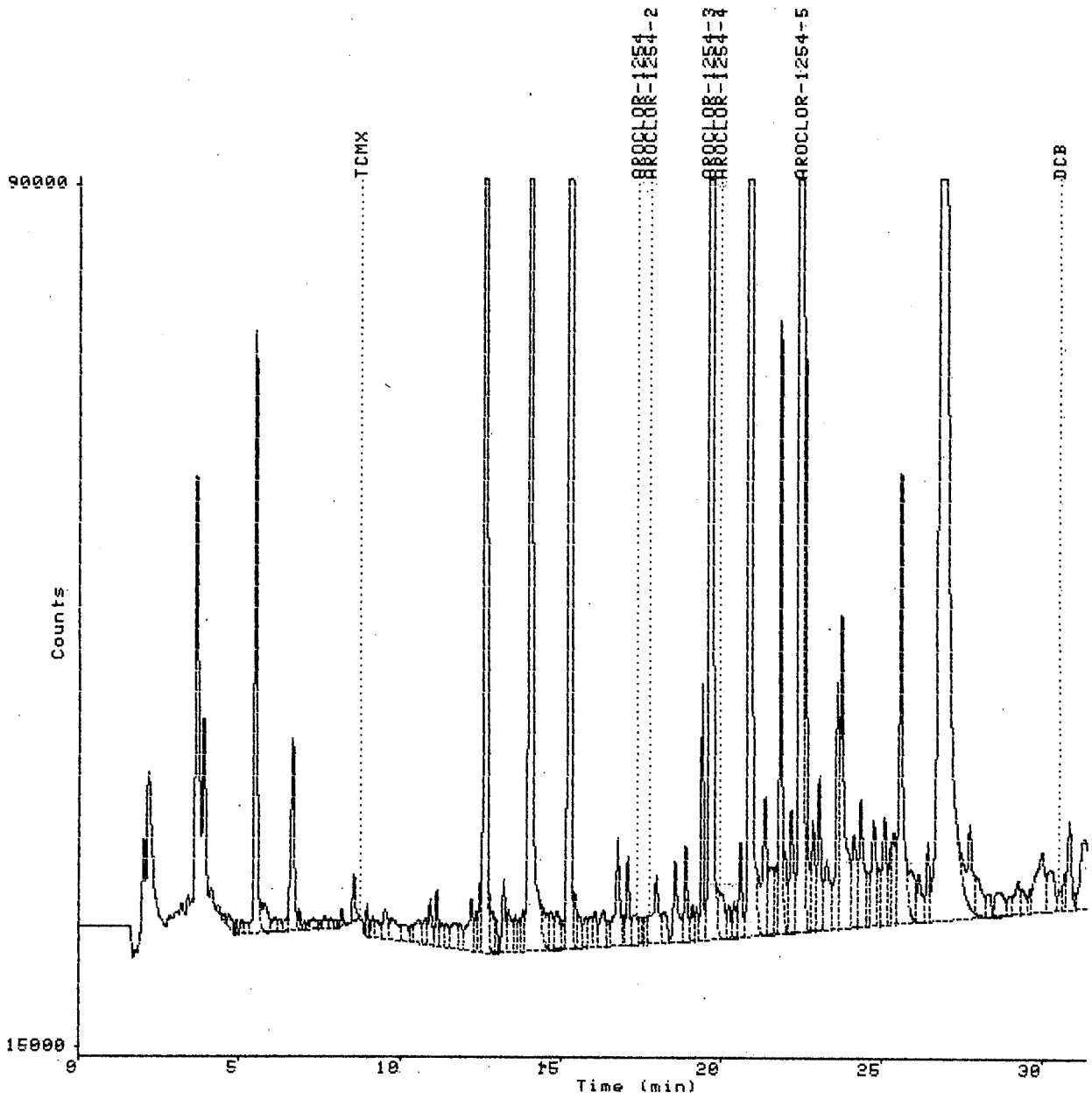
Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	24.16		48913	VV	102
	24.30		50129	VV	103
	24.45		78752	VV	104
	24.62		59404	VV	105
	24.78		47769	VV	106
	25.03		94482	VV	107
	25.19		55739	VV	108
	25.51		35886	VV	109
	25.69		150544	VV	110
	25.97		46840	VV	111
	26.14		101200	VV	112
	26.31		30818	VV	113
	26.72		107199	VV	114
	27.06		49752	VV	115
	27.23		22768	VB	116
	27.62		182445	BV	117
	27.94		138409	VV	118
	28.27		278255	VB	119
	28.55		27305	BV	120
	28.84		19383	VV	121
	28.98		18553	VV	122
	29.11		10293	VB	123
	29.37		8327	BB	124
	29.65		18908	BV	125
	29.76		74492	VV	126
DCB	30.06	3.57E-04	66639	VV	127
	30.40		135152	VV	128
	30.68		51185	VV	129
	30.99		60488	VV	130
	31.24		82762	VV	131
	31.48		126855	VV	132
	31.78		26596	VV	133
	32.22		211721	VV	134
	32.79		49024	VV	135
	33.06		85273	VV	136
	33.41		132251	VV	137
	33.71		39731	VV	138
	33.98		28332	VV	139
	34.37		191342	VV	140
	34.83		146777	VV	141
	35.36		97883	VV	142
	35.55		140167	VV	143
	35.92		103451	VV	144
	36.05		164526	VV	145
	36.42		81795	VV	146
	36.73		80599	VV	147
	37.07		1669197	VB	148

Average result...0.0749 UG/ML

Run Number..... 23
Sample Name..... 43066 3210
Run Date..... 26-APR-1996 08:50:50
Raw File..... 6_0425_023
Method Name..... 6_1254_0425
Method Type..... Linear

LB- PCB-B

58901B 30M 0.53mm RTX-35 2uL INJ



43066 3210

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43066 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_023 Analysis Date: 26-APR-1996 08:50:50

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.35		4721	BV	1
	4.53		4240	VV	2
	4.68		12408	VB	3
	4.93		5808	BV	4
	5.10		9783	VV	5
	5.28		9174	VV	6
	5.51		290060	VE	7
	5.81		37049	EV	8
	6.12		11765	EV	9
	6.24		10434	VV	10
	6.48		8821	VV	11
	6.66		125730	VE	12
	6.87		8506	EV	13
	7.04		4501	EV	14
	7.17		4553	VV	15
	7.29		12952	VV	16
	7.55		3378	VV	17
	7.65		10418	VV	18
	7.84		7989	VV	19
	8.01		3167	VB	20
	8.19		9295	BV	21
	8.56		25636	VB	22
	8.97		12987	BV	23
	9.15		12537	VV	24
	9.27		13558	VV	25
	9.53		26737	VV	26
	9.73		28951	VV	27
	10.05		20576	VV	28
	10.36		11105	VV	29
	10.55		28575	VV	30
	10.80		18491	VV	31
	10.93		27339	VV	32
	11.13		28429	VV	33
	11.31		15962	VV	34
	11.43		17200	VV	35
	11.76		32130	VV	36
	11.88		16967	VV	37
	12.22		50789	VV	38
	12.39		19712	VV	39
	12.49		26352	VV	40
	12.62		3412836	VE	41
	12.86		36656	EV	42
	12.98		12792	EB	43
	13.22		43582	BV	44
	13.38		39875	VV	45
	13.60		23013	VV	46
	13.74		17286	VV	47
	13.84		24282	VV	48
	14.04		3237234	VE	49
	14.59		33377	EV	50

Sample ID: 43066 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_023 Analysis Date: 26-APR-1996 08:50:50

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	14.69		29784	EV	51
	14.88		36500	EV	52
	15.06		14881	EV	53
	15.25		3054648	VE	54
	15.44		30269	EV	55
	15.57		22887	EV	56
	15.78		21242	VV	57
	15.98		30238	VV	58
	16.08		21702	VV	59
	16.33		38942	VV	60
	16.44		14804	VV	61
	16.76		91579	VV	62
	16.96		11625	VV	63
	17.07		51165	VV	64
	17.27		31046	VV	65
AROCLOR-1254	17.45	-0.0238	15438	VV	66
	17.53		12716	VV	67
AROCLOR-1254-2	17.70	-0.0517	18399	VV	68
	17.95		75610	VV	69
	18.22		29795	VB	70
	18.53		72253	BV	71
	18.86		60099	VV	72
	19.08		19764	VV	73
	19.22		19982	VV	74
	19.37		112006	VV	75
AROCLOR-1254-3	19.62	7.64	5650051	VE	76
AROCLOR-1254-4	19.99	-0.00614	56492	EV	77
	20.21		21563	EV	78
	20.36		25746	EV	79
	20.54		56104	VV	80
	20.82		4520953	VE	81
	21.31		131386	EV	82
	21.50		67346	EV	83
	21.65		33983	VV	84
	21.79		276834	VE	85
	21.93		42248	EV	86
	22.13		97233	EV	87
AROCLOR-1254-5	22.41	3.99	4991072	VE	88
	22.56		208246	EV	89
	22.81		81425	VV	90
	23.00		101279	VV	91
	23.24		83065	VV	92
	23.57		143654	VV	93
	23.70		265178	VV	94
	24.09		91211	VV	95
	24.31		122559	VV	96
	24.54		19520	VV	97
	24.72		96836	VV	98
	24.89		29465	VV	99
	25.04		87587	VV	100
	25.25		45591	VV	101

Sample ID: 43066 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_023 Analysis Date: 26-APR-1996 08:50:50

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	25.34		56316	VV	102
	25.55		310734	VE	103
	25.91		56805	EV	104
	26.11		47072	EV	105
	26.39		48129	VV	106
	26.84		1922347	VE	107
	27.70		97053	EV	108
	27.92		43078	EV	109
	28.28		24727	EV	110
	28.61		42281	EV	111
	28.92		18224	VV	112
	29.19		33786	VV	113
	29.31		23489	VV	114
	29.60		14724	VV	115
	29.95		103878	VV	116
	30.22		61777	VV	117
DCB	30.54	8.13E-04	13811	VV	118
	30.68		20941	VV	119
	30.81		67325	VE	120
	31.01		6749	EV	121
	31.28		136194	VV	122
	31.86		77953	VV	123
	32.32		110813	VV	124
	32.60		24404	VV	125
	33.06		273667	VV	126
	34.00		145156	VB	127

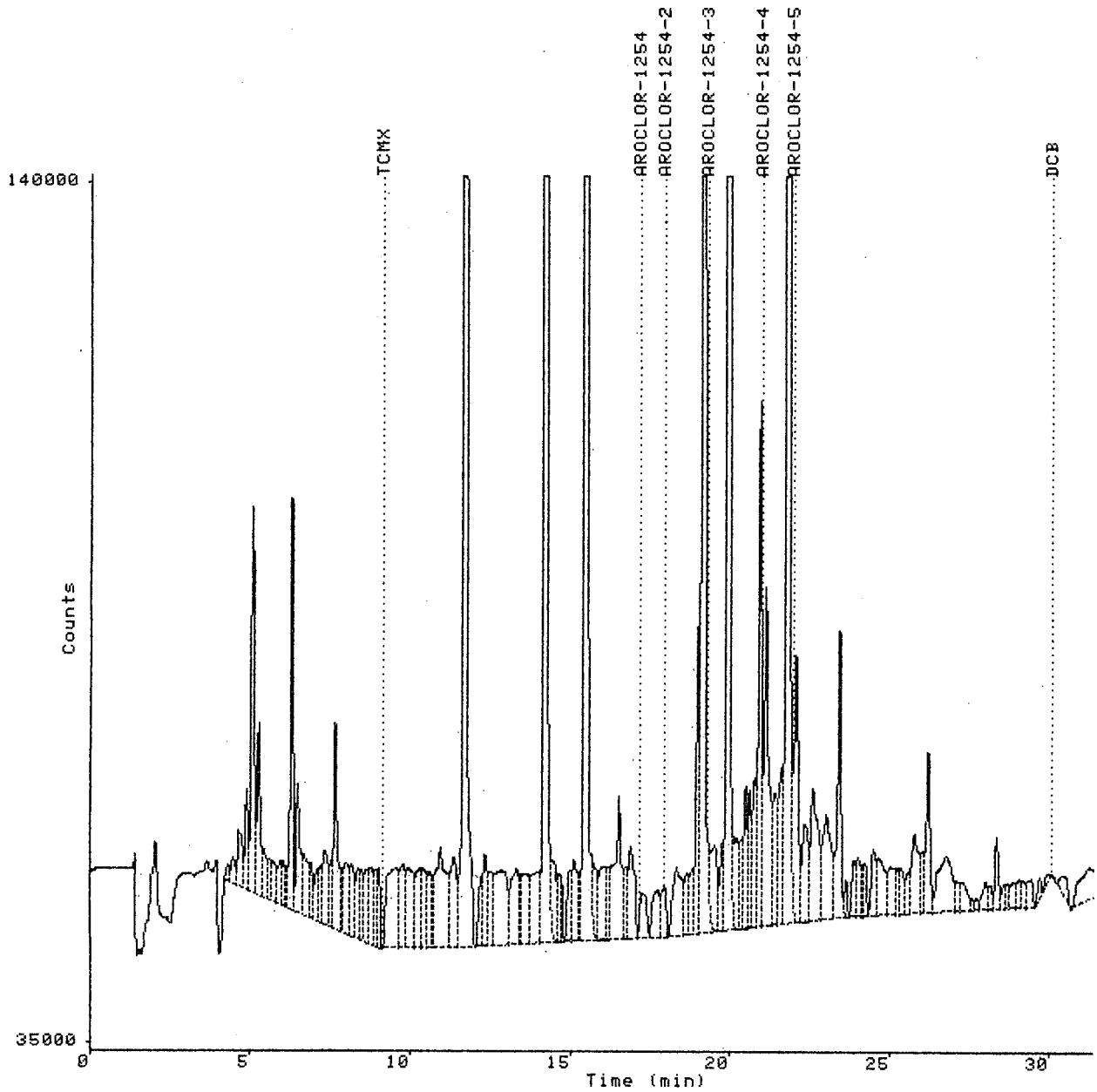
Average result...2.31 UG/ML

Run Number..... 23 End of Report.

Run Number..... 23
Sample Name..... 43066 3210
Run Date..... 26-APR-1996 08:50:57
Raw File..... 5_0425_023
Method Name..... 5_1254_0425
Method Type..... Linear

LB- PCB-B

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43066 3210

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43066 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_023 Analysis Date: 26-APR-1996 08:50:57

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.30		14089	BV	1
	4.46		26003	VV	2
	4.67		79283	VV	3
	4.89		74772	VV	4
	5.06		316974	VV	5
	5.26		156947	VV	6
	5.41		53972	VV	7
	5.60		34246	VV	8
	5.72		42205	VV	9
	5.94		34599	VV	10
	6.01		45162	VV	11
	6.13		18048	VV	12
	6.28		269616	VV	13
	6.46		146256	VV	14
	6.67		77809	VV	15
	6.87		49949	VV	16
	7.10		43242	VV	17
	7.19		41149	VV	18
	7.34		113408	VV	19
	7.54		44402	VV	20
	7.64		201973	VV	21
	7.87		41186	VV	22
	8.01		104736	VV	23
	8.18		81349	VV	24
	8.39		68624	VV	25
	8.46		54599	VV	26
	8.65		69893	VV	27
	8.76		98524	VV	28
	8.93		59321	VV	29
	9.02		51741	VB	30
	9.53		238619	BV	31
	9.75		131917	VV	32
	9.96		168091	VV	33
	10.28		101042	VV	34
	10.38		112641	VV	35
	10.59		77221	VV	36
	10.71		30355	VV	37
	10.93		271480	VV	38
	11.35		160327	VV	39
	11.65		3702937	VB	40
	12.22		61007	BV	41
	12.32		103314	VV	42
	12.46		94567	VV	43
	12.82		237131	VV	44
	13.30		157072	VV	45
	13.42		51828	VV	46
	13.59		123029	VV	47
	14.01		178970	VV	48
	14.18		3181497	VE	49
	14.47		96914	EV	50

Sample ID: 43066 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_023 Analysis Date: 26-APR-1996 08:50:57

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	14.62		51953	EV	51
	14.69		35510	EB	52
	14.98		79040	BV	53
	15.10		106974	VV	54
	15.26		36177	VV	55
	15.44		4872267	VE	56
	15.78		92813	EV	57
	16.04		117083	EV	58
	16.16		68693	EV	59
	16.50		273958	VV	60
	16.72		64632	VV	61
	16.86		138432	VV	62
AROCLOR-1254	17.28	-0.0241	78966	VV	63
	17.71		87124	VV	64
AROCLOR-1254-2	17.92	-0.0353	71203	VB	65
	18.29		171095	BV	66
	18.63		71922	VV	67
	18.81		63273	VV	68
	18.94		202690	VV	69
	19.10		6414392	VE	70
	19.49		150192	EV	71
	19.74		77131	EV	72
	19.89		4423589	VE	73
	20.16		124684	EV	74
	20.31		67984	EV	75
	20.44		130379	EV	76
	20.56		111785	VV	77
	20.73		144754	VV	78
AROCLOR-1254-4	20.88	0.516	448775	VV	79
	21.07		430197	VV	80
	21.37		152179	VV	81
	21.57		154251	VV	82
	21.74		5786507	VE	83
AROCLOR-1254-5	22.01	0.143	330177	EV	84
	22.30		155286	EV	85
	22.55		275952	VV	86
	22.98		249112	VV	87
	23.37		255013	VE	88
	23.58		23756	EB	89
	23.81		57431	BV	90
	23.95		71349	VV	91
	24.09		24955	VV	92
	24.16		41236	VV	93
	24.44		94789	VV	94
	24.61		114338	VV	95
	25.02		103169	VV	96
	25.18		27404	VV	97
	25.28		55308	VV	98
	25.54		40890	VV	99
	25.72		168665	VV	100
	25.99		45283	VV	101

Sample ID: 43066 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_023 Analysis Date: 26-APR-1996 08:50:57

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	26.14		166973	VV	102
	26.73		219447	VV	103
	27.05		25291	VV	104
	27.23		60682	VV	105
	27.55		9117	VV	106
	27.67		10555	VV	107
	27.96		44705	VV	108
	28.10		21308	VV	109
	28.29		68213	VV	110
	28.57		28476	VV	111
	28.63		18991	VV	112
	28.85		35976	VV	113
	29.00		30666	VV	114
	29.08		35290	VV	115
	29.38		44004	VB	116
	29.66		19784	BV	117
DCB	29.93	-0.00258	6471	VB	118
	30.42		39355	BB	119
	31.27		175169	BE	120
	32.15		3351	EB	121
	32.81		4606	BV	122
	33.35		106469	VB	123
	33.98		45442	BV	124
	34.40		144550	VB	125
	35.67		370972	BV	126
	37.11		636094	VB	127

Average result...0.120 UG/ML

Run Number..... 23 End of Report.

TEST CODE :APCB 1 JOB NUMBER :9600.789
ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : ROY F. WESTON
TEST NAME : TO-10 PCB IN AIR UNITS : UG/TUBE
SAMPLE ID LAB : EE-96-43067 MATRIX: AIR
SAMPLE ID CLIENT: LB-PCB-C

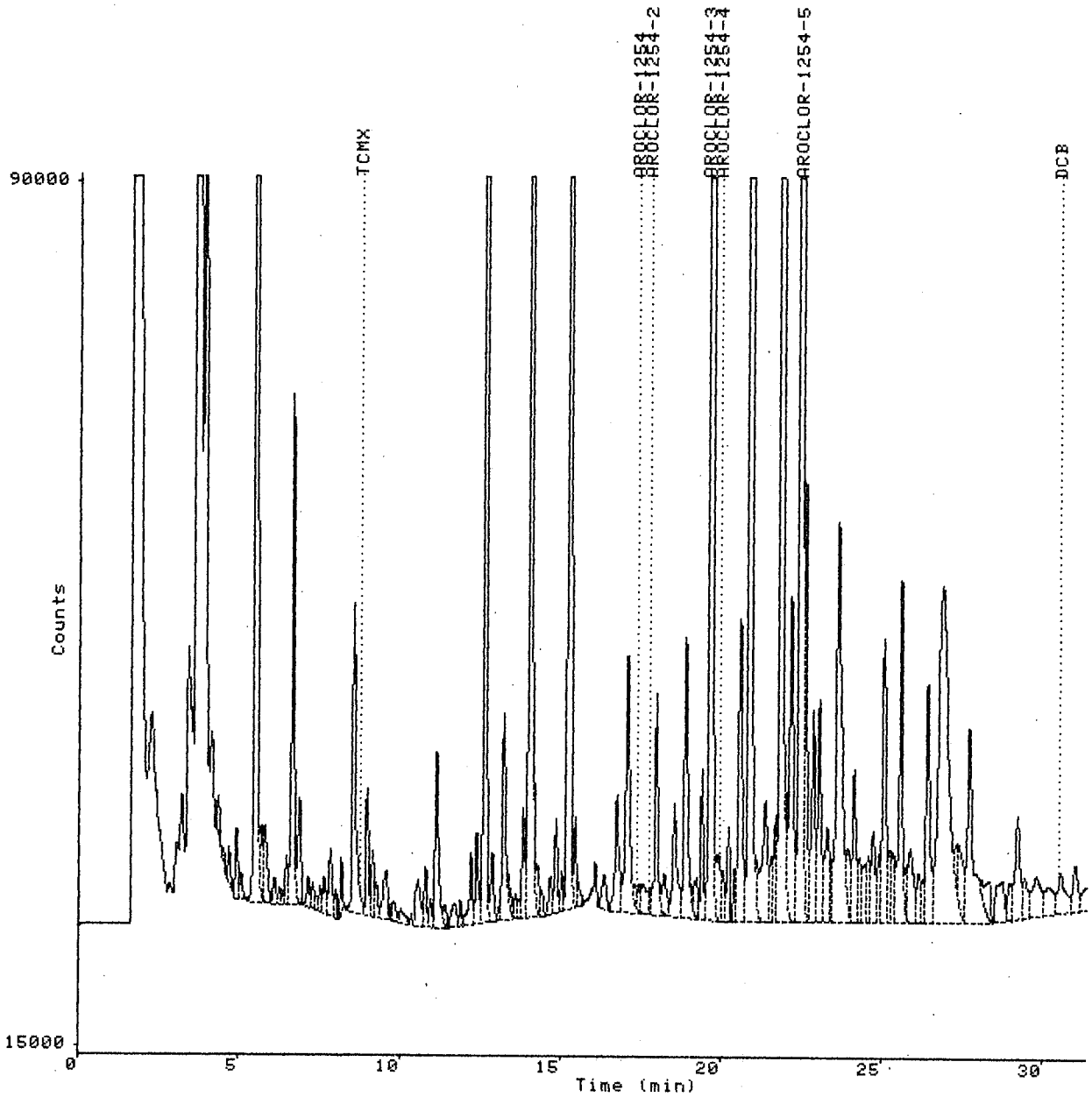
PARAMETER	RESULTS	Q	QNT. LIMIT
PCB-1242	ND		0.10
PCB-1254	ND		0.10
PCB-1221	ND		0.10
PCB-1232	ND		0.10
PCB-1248	ND		0.10
PCB-1260	ND		0.10
PCB-1016	ND		0.10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
N = ANALYTE WAS NOT CONFIRMED BY ALTERNATE PROCEDURE

Run Number..... 24
Sample Name..... 43067 3200
Run Date..... 26-APR-1996 09:33:20
Raw File..... 6_0425_024
Method Name..... 6_1254_0425
Method Type..... Linear

LB-PCB-C

58901B 30M 0.53mm RTX-35 2uL INJ



43067 3200

All PCB's < 0.1 ng/Tube

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43067 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_024 Analysis Date: 26-APR-1996 09:33:20

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.35		20563	BV	1
	4.52		6572	VB	2
	4.69		19520	BB	3
	4.93		36440	BV	4
	5.08		12250	VB	5
	5.51		891460	BE	6
	5.69		30780	EV	7
	5.80		56809	EB	8
	6.12		14744	BV	9
	6.28		8282	VV	10
	6.39		3943	VV	11
	6.48		21866	VV	12
	6.66		245348	VE	13
	6.87		62774	EB	14
	7.15		15672	BV	15
	7.29		13603	VV	16
	7.40		6101	VV	17
	7.52		11478	VV	18
	7.64		22799	VV	19
	7.83		40521	VV	20
	8.01		10678	VB	21
	8.18		20439	BB	22
	8.54		190385	BV	23
	8.97		66152	VV	24
	9.14		33385	VV	25
	9.26		15359	VV	26
	9.54		41659	VV	27
	9.74		6695	VV	28
	9.81		11550	VV	29
	10.02		12080	VV	30
	10.34		3436	VB	31
	10.56		45156	BV	32
	10.79		30590	VV	33
	10.94		14386	VV	34
	11.13		118680	VE	35
	11.40		11249	EB	36
	11.70		24332	BV	37
	11.88		12149	VV	38
	12.21		45496	VV	39
	12.39		47862	VV	40
	12.62		2155490	VE	41
	12.86		41427	EB	42
	13.10		5407	BV	43
	13.22		144783	VE	44
	13.37		15076	EV	45
	13.60		11286	EV	46
	13.70		9278	VV	47
	13.84		60990	VV	48
	14.03		2079873	VE	49
	14.27		33300	EV	50

Sample ID: 43067 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_024 Analysis Date: 26-APR-1996 09:33:20

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	14.43		11348	EB	51
	14.68		23076	BV	52
	14.85		52199	VV	53
	15.03		17608	VV	54
	15.24		1791327	VE	55
	15.44		40014	EV	56
	15.55		13185	EB	57
	16.35		28361	BB	58
	16.75		83227	BV	59
	17.06		196405	VE	60
AROCLOR-1254	17.30	-0.0329	11604	EV	61
	17.45		13925	EV	62
	17.55		31091	EV	63
AROCLOR-1254-2	17.79	-0.0627	10169	VV	64
	17.95		115744	VE	65
	18.20		36366	EV	66
	18.51		95993	VV	67
	18.85		203023	VE	68
	19.09		5404	EV	69
	19.21		28237	EV	70
	19.37		70295	VV	71
AROCLOR-1254-3	19.62	6.74	4988250	VE	72
AROCLOR-1254-4	19.89	-0.00537	57694	EV	73
	19.98		30682	EV	74
	20.19		46148	EB	75
	20.40		25202	BV	76
	20.53		215311	VV	77
	20.82		3655032	VE	78
	21.32		142669	EV	79
	21.54		40157	EV	80
	21.65		53520	VV	81
	21.79		1376387	VE	82
	22.12		262561	EV	83
AROCLOR-1254-5	22.41	2.52	3158770	VE	84
	22.56		178952	EV	85
	22.81		141997	VV	86
	23.00		145773	VV	87
	23.27		87938	VV	88
	23.37		18015	VV	89
	23.59		421428	VE	90
	23.90		43393	EV	91
	24.09		103370	VV	92
	24.26		44734	VV	93
	24.43		36967	VV	94
	24.55		43764	VV	95
	24.70		67733	VV	96
	24.89		38548	VV	97
	25.03		204237	VV	98
	25.22		37174	VV	99
	25.32		38794	VV	100
	25.55		200052	VE	101

Sample ID: 43067.3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_024 Analysis Date: 26-APR-1996 09:33:20

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	25.75		27141	EV	102
	25.84		69490	EV	103
	26.10		38822	VV	104
	26.25		16671	VV	105
	26.37		172616	VV	106
	26.84		681811	VE	107
	27.28		14444	EV	108
	27.35		69687	EV	109
	27.68		233694	VE	110
	28.28		44743	EB	111
	28.68		65743	BV	112
	28.94		30390	VV	113
	29.17		102406	VV	114
	29.40		45857	VV	115
	29.76		71529	VV	116
	30.17		53489	VV	117
DCB	30.54	0.00305	63213	VV	118
	30.99		49339	VV	119
	31.34		45645	VV	120
	31.89		51628	VV	121
	32.28		29546	VV	122
	33.06		89260	VB	123
	33.99		134378	BB	124
	34.87		8522	BB	125

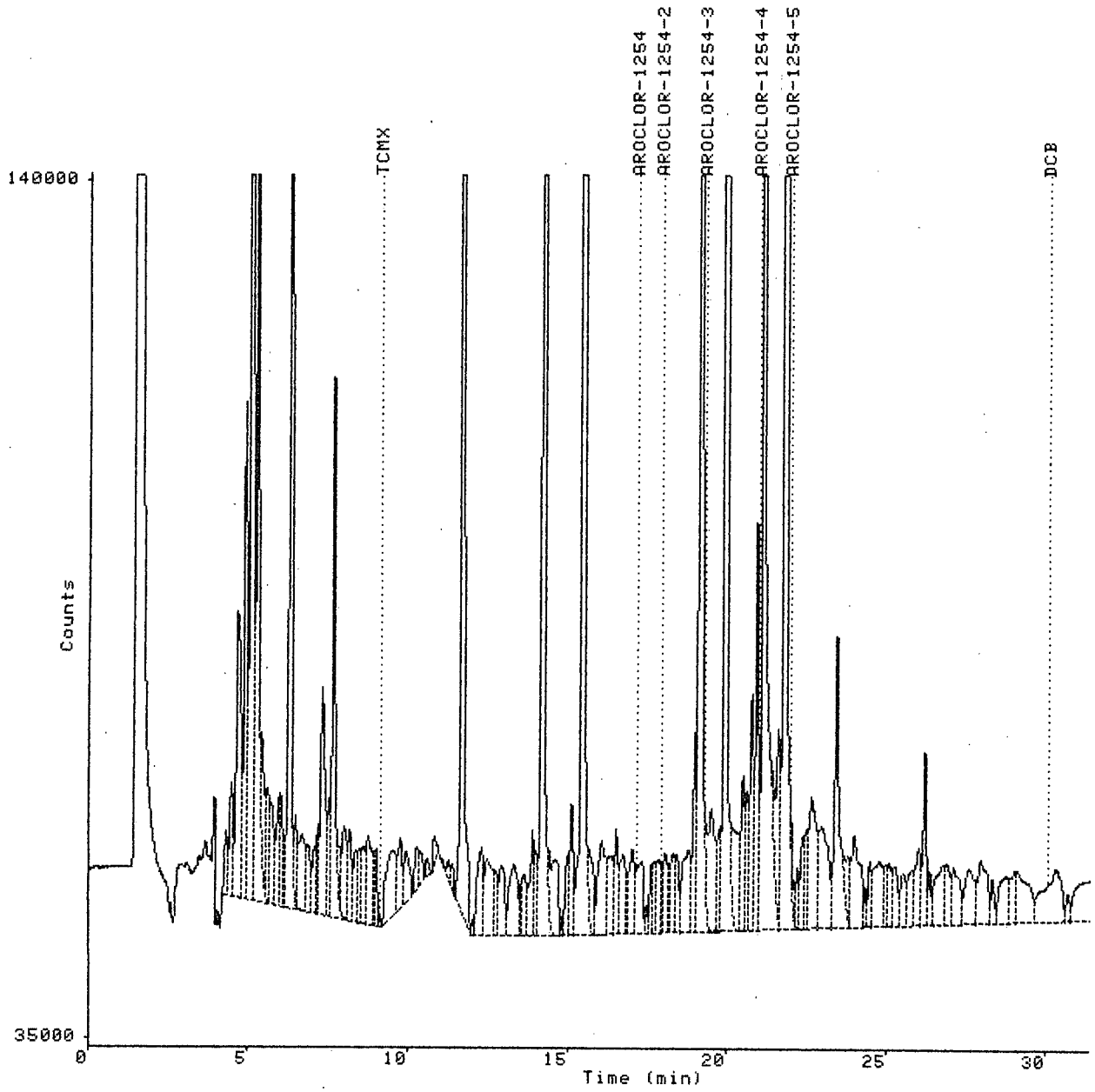
Average result...1.83 UG/ML

Run Number..... 24 End of Report.

Run Number..... 24
Sample Name..... 43067 3200
Run Date..... 26-APR-1996 09:33:27
Raw File..... 5_0425_024
Method Name..... 5_1254_0425
Method Type..... Linear

LB-PCB-C

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43067 3200

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43067 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_024 Analysis Date: 26-APR-1996 09:33:27

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.30		50125	BV	1
	4.46		109687	VV	2
	4.67		385480	VV	3
	4.89		365859	VV	4
	5.06		1390569	VV	5
	5.25		708912	VE	6
	5.41		101321	EV	7
	5.59		114368	EV	8
	5.72		104716	VV	9
	5.94		76486	VV	10
	6.00		103672	VV	11
	6.14		30628	VV	12
	6.28		1001695	VE	13
	6.46		69248	EV	14
	6.69		136164	EV	15
	6.87		64966	VV	16
	7.07		57444	VV	17
	7.18		61419	VV	18
	7.30		273270	VV	19
	7.52		74668	VV	20
	7.64		428213	VE	21
	7.85		45747	EV	22
	8.01		118412	EV	23
	8.17		92307	VV	24
	8.38		64485	VV	25
	8.50		66707	VV	26
	8.62		75004	VV	27
	8.76		138095	VV	28
	8.95		26050	VV	29
	9.01		41378	VE	30
TCMX	9.13	-0.00266	3403	EB	31
	9.51		175595	BV	32
	9.75		78833	VV	33
	9.94		78828	VB	34
	10.28		47148	BV	35
	10.39		27008	VB	36
	10.61		15842	BB	37
	10.83		18824	BB	38
	11.05		2551	BV	39
	11.25		14500	VV	40
	11.37		16625	VB	41
	11.65		2402128	BB	42
	12.03		7607	BV	43
	12.30		139982	VV	44
	12.46		155177	VV	45
	12.74		63318	VV	46
	12.91		101126	VV	47
	13.30		169865	VV	48
	13.56		37788	VV	49
	13.63		63671	VV	50

Sample ID: 43067 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_024 Analysis Date: 26-APR-1996 09:33:27

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.89		118150	VV	51
	13.99		68226	VV	52
	14.18		2134968	VE	53
	14.58		164135	EB	54
	14.82		9175	BV	55
	14.98		69773	VV	56
	15.09		131979	VV	57
	15.44		3264215	VE	58
	15.76		96399	EV	59
	16.05		204913	EV	60
	16.33		104293	VV	61
	16.50		108523	VV	62
	16.73		120904	VV	63
	16.85		24314	VV	64
AROCLOR-1254	17.00	0.0169	120046	VV	65
	17.28		130065	VV	66
	17.45		16429	VV	67
	17.63		61271	VV	68
	17.72		53288	VV	69
	17.81		75111	VV	70
AROCLOR-1254-2	17.95	-0.0651	29816	VV	71
	18.04		88233	VV	72
	18.14		24992	VV	73
	18.27		87192	VV	74
	18.37		73517	VV	75
	18.69		187010	VV	76
	18.94		143131	VV	77
	19.10		5788294	VE	78
	19.47		243498	EV	79
	19.74		93332	EV	80
	19.89		3251612	VE	81
	20.26		165678	EV	82
	20.44		153681	EV	83
	20.56		112134	VV	84
	20.72		217172	VV	85
AROCLOR-1254-4	20.87	0.339	310515	VV	86
	21.06		1297723	VE	87
	21.56		198801	EV	88
	21.74		4375261	VE	89
AROCLOR-1254-5	22.06	-0.0306	30743	EV	90
	22.16		41963	EV	91
	22.36		92637	EV	92
	22.49		93642	VV	93
	22.60		242332	VV	94
	22.93		270335	VV	95
	23.37		382182	VE	96
	23.74		79272	EV	97
	23.94		204939	VV	98
	24.29		26189	VV	99
	24.42		60243	VV	100
	24.73		161580	VV	101

Sample ID: 43067 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_024 Analysis Date: 26-APR-1996 09:33:27

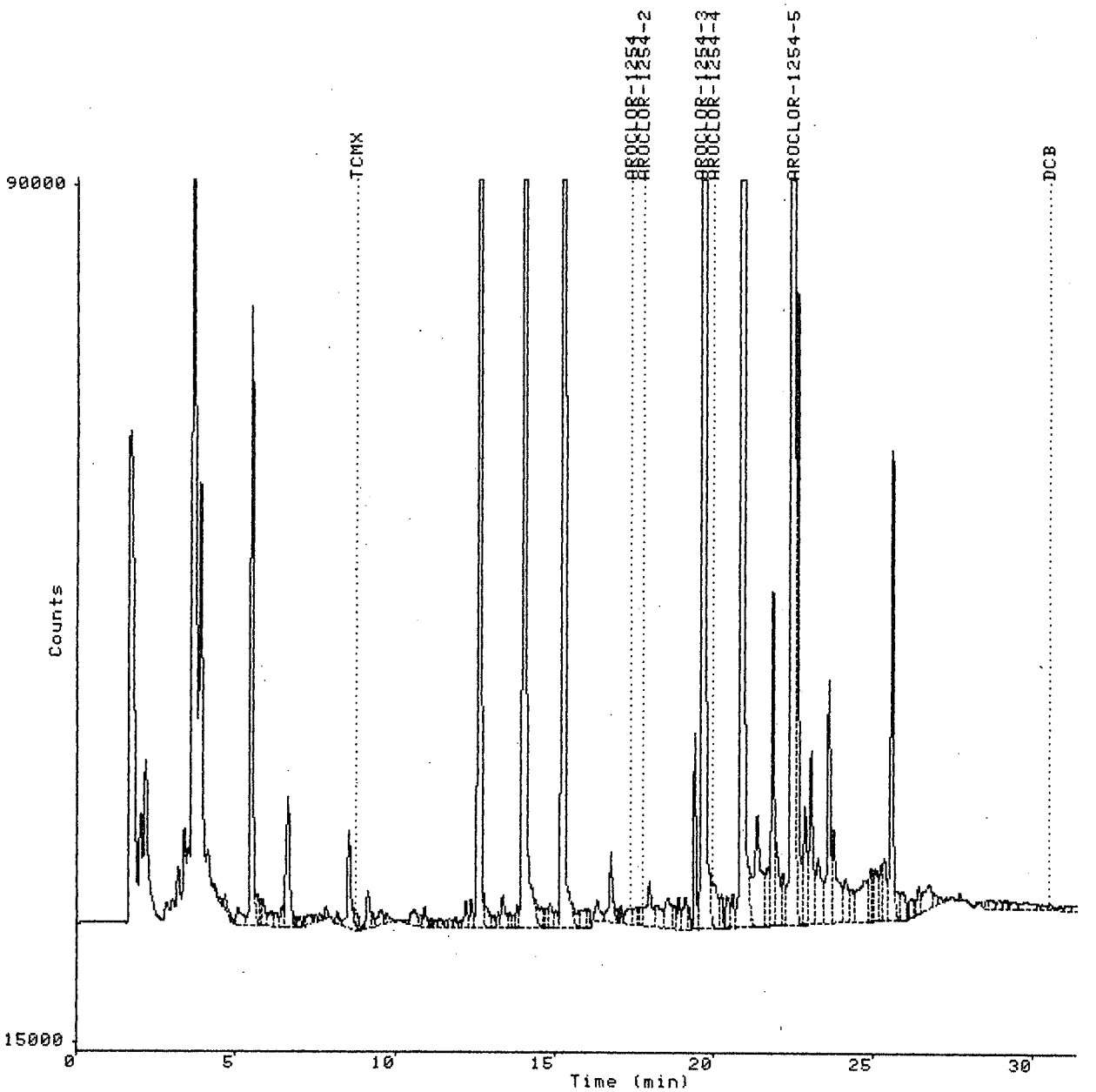
Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	24.93		46055	VV	102
	25.01		75621	VV	103
	25.22		83883	VV	104
	25.48		74607	VV	105
	25.70		90526	VV	106
	25.96		115218	VV	107
	26.14		145842	VV	108
	26.30		40066	VV	109
	26.74		151656	VV	110
	26.85		79101	VV	111
	27.06		122521	VV	112
	27.55		148907	VV	113
	27.99		151457	VV	114
	28.28		41419	VV	115
	28.62		115177	VV	116
	28.99		76551	VV	117
	29.29		174023	VV	118
	30.30		256658	VV	119
	30.68		27697	VV	120
	31.19		203387	VV	121
	31.75		96421	VV	122
	32.21		227641	VV	123
	32.88		85268	VV	124
	33.13		78072	VV	125
	33.36		110603	VB	126
	33.73		3940	BB	127
	33.99		19895	BV	128
	34.35		24039	VV	129
	35.88		253744	BV	130
	37.05		124960	VB	131
	37.50		16339	BV	132
	37.68		2649	VB	133

Average result...0.0521 UG/ML

Run Number..... 24 End of Report.

Run Number..... 25
Sample Name..... 43067 3210 LB-PCB-C
Run Date..... 26-APR-1996 10:16:28
Raw File..... 6_0425_025
Method Name..... 6_1254_0425
Method Type..... Linear

58901B 30M 0.53mm RTX-35 2uL INJ



43067 3210

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43067 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_025 Analysis Date: 26-APR-1996 10:16:28

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.33		3005	BB	1
	4.68		10277	BB	2
	5.08		18756	BV	3
	5.50		294871	VE	4
	5.68		14658	EV	5
	5.79		6119	EV	6
	5.84		20290	EV	7
	6.11		12578	VV	8
	6.25		10263	VV	9
	6.47		12419	VV	10
	6.64		95393	VE	11
	6.88		3971	EV	12
	7.00		5803	EB	13
	7.17		4330	BV	14
	7.29		9502	VV	15
	7.43		3121	VV	16
	7.51		3726	VV	17
	7.63		4261	VV	18
	7.83		6906	VB	19
	8.18		8426	BV	20
	8.55		63675	VE	21
TCMX	8.82	-0.00177	11038	EB	22
	9.14		23111	VV	23
	9.25		9135	VV	24
	9.55		15403	VV	25
	9.72		9318	VE	26
	10.58		17458	VV	27
	10.79		6782	VV	28
	10.92		11211	VB	29
	11.13		2914	BV	30
	11.32		5385	VV	31
	11.40		6997	VV	32
	11.62		3662	VV	33
	11.69		6921	VV	34
	11.88		6335	VV	35
	12.04		3218	VV	36
	12.21		17009	VV	37
	12.39		16820	VV	38
	12.62		2985211	VE	39
	12.85		22216	EV	40
	13.10		7004	EV	41
	13.22		6669	VV	42
	13.38		25318	VV	43
	13.60		8649	VV	44
	13.69		6213	VV	45
	13.84		12297	VV	46
	14.03		2546286	VE	47
	14.59		20464	EV	48
	14.67		5742	EV	49
	14.75		8443	EV	50

Sample ID: 43067 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_025 Analysis Date: 26-APR-1996 10:16:28

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	14.86		18545	EV	51
	15.03		11381	EV	52
	15.24		2574871	VE	53
	15.78		17103	EV	54
	15.97		20306	EV	55
	16.07		9013	EB	56
	16.34		17834	BV	57
	16.76		46380	VE	58
	16.96		6383	EV	59
	17.07		6937	VV	60
AROCLOR-1254	17.29	-0.0199	17100	VV	61
	17.55		17351	VV	62
	17.62		3741	VV	63
AROCLOR-1254-2	17.67	-0.0657	7940	VV	64
	17.95		45678	VV	65
	18.18		26509	VV	66
	18.52		38743	VV	67
	18.72		11262	VV	68
	18.86		17002	VV	69
	19.08		30923	VV	70
	19.19		6839	VB	71
	19.37		83780	BV	72
AROCLOR-1254-3	19.62	7.72	5710655	VE	73
AROCLOR-1254-4	19.98	-0.00768	54064	EV	74
	20.20		20471	EV	75
	20.37		26302	EV	76
	20.55		18851	VV	77
	20.82		4498857	VE	78
	21.31		165649	EV	79
	21.65		38884	EV	80
	21.80		170107	VV	81
	21.92		57561	VV	82
	22.13		32235	VV	83
AROCLOR-1254-5	22.41	3.27	4095985	VE	84
	22.56		253402	EV	85
	22.82		85512	EV	86
	23.00		117700	VV	87
	23.23		75255	VV	88
	23.56		140653	VV	89
	23.71		101345	VV	90
	24.10		41321	VV	91
	24.27		24998	VV	92
	24.71		79484	VV	93
	24.90		34571	VV	94
	24.95		15527	VV	95
	25.05		32311	VV	96
	25.23		36470	VV	97
	25.32		43845	VV	98
	25.54		219246	VE	99
	25.72		17204	EV	100
	25.89		28765	EB	101

Sample ID: 43067 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_025 Analysis Date: 26-APR-1996 10:16:28

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	26.15		15102	BV	102
	26.24		5734	VV	103
	26.39		18807	VV	104
	26.73		40339	VV	105
	26.85		10465	VV	106
	27.06		4503	VV	107
	27.69		2821	BB	108
	28.52		5147	BV	109
	28.69		7808	VV	110
	28.91		6491	VV	111
	29.10		4810	VV	112
	29.17		3349	VV	113
	29.39		7646	VV	114
	29.75		15557	VV	115
	30.27		4365	VV	116
DCB	30.53	3.73E-04	4079	VV	117
	30.84		3087	VV	118
	31.10		5107	VV	119
	31.31		4353	VV	120
	31.52		9412	VV	121
	31.86		5016	VV	122
	32.25		3891	VV	123
	32.35		4562	VV	124
	32.63		9130	VV	125
	32.87		4460	VB	126
	33.97		64221	BB	127

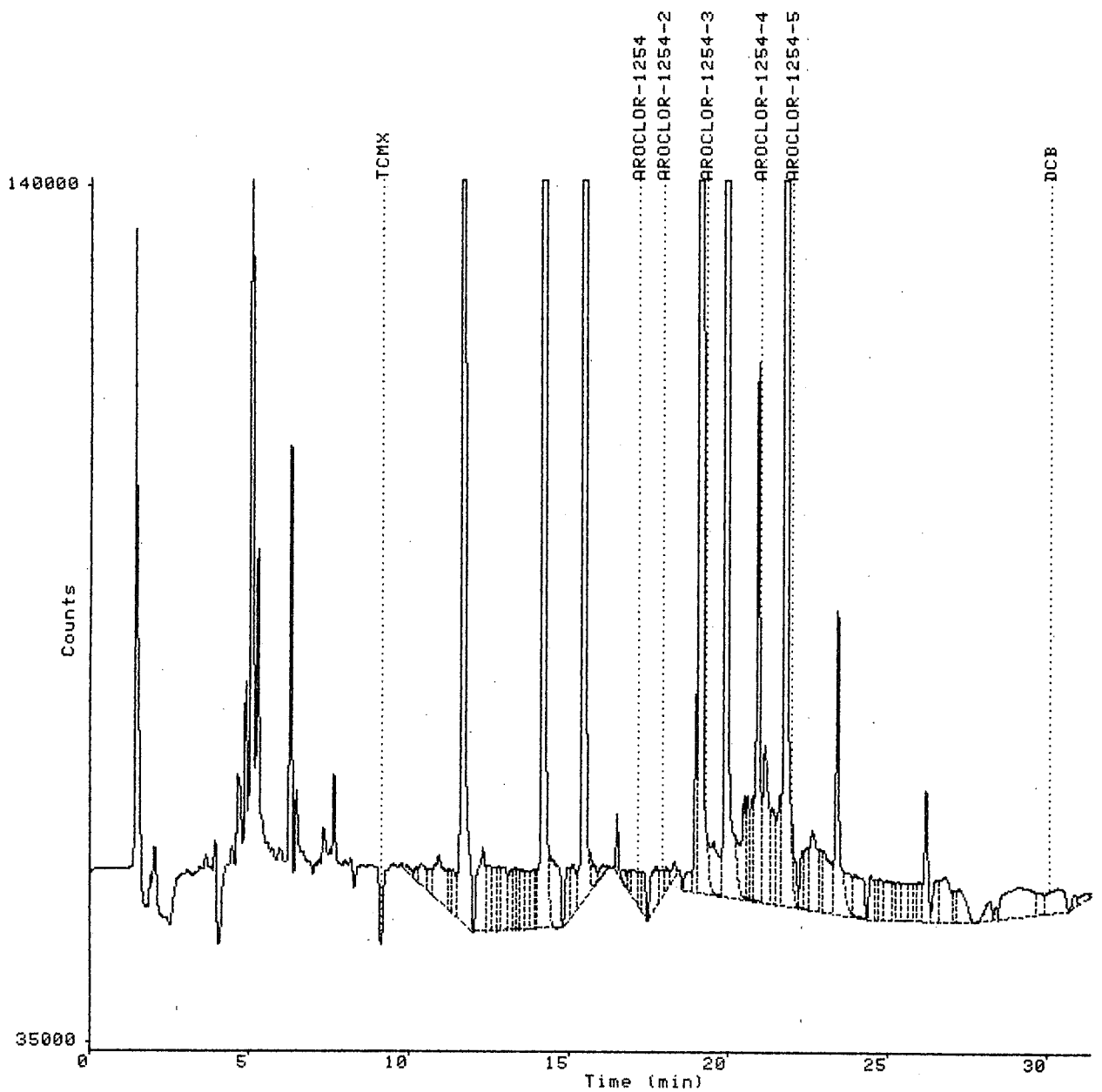
Average result...2.18 UG/ML

Run Number..... 25 End of Report.

Run Number..... 25
Sample Name..... 43067 3210
Run Date..... 26-APR-1996 10:16:37
Raw File..... 5_0425_025
Method Name..... 5_1254_0425
Method Type..... Linear

LB-PCB-C

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43067 3210

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43067 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_025 Analysis Date: 26-APR-1996 10:16:37

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	9.95		10365	BV	1
	10.29		14465	VV	2
	10.39		32401	VV	3
	10.60		32374	VV	4
	10.92		119310	VV	5
	11.25		37671	VV	6
	11.37		45449	VV	7
	11.65		3214377	VB	8
	12.24		167178	BV	9
	12.46		92279	VV	10
	12.68		60738	VV	11
	12.77		51460	VV	12
	12.90		107134	VV	13
	13.18		63366	VV	14
	13.30		64518	VV	15
	13.39		46683	VV	16
	13.52		54973	VV	17
	13.65		69881	VV	18
	13.88		78877	VV	19
	13.96		27803	VV	20
	14.18		2615199	VE	21
	14.60		170534	EB	22
	14.97		67860	BV	23
	15.10		66069	VV	24
	15.44		3836371	VE	25
	15.78		35584	EV	26
	16.06		16174	EB	27
	16.50		38521	BE	28
	16.70		17875	EV	29
	16.90		17441	VV	30
	17.00		54436	VV	31
AROCLOR-1254	17.24	-0.0729	29961	VV	32
	17.32		33918	VB	33
	17.65		85950	BV	34
AROCLOR-1254-2	17.92	-0.0642	31061	VV	35
	18.04		24138	VV	36
	18.28		22241	VB	37
	18.71		31478	BV	38
	18.94		120609	VV	39
	19.10		6335222	VE	40
	19.52		116315	EV	41
	19.89		4793205	VE	42
	20.45		129197	EV	43
	20.56		93809	EV	44
	20.74		94546	EV	45
AROCLOR-1254-4	20.88	0.515	447327	EV	46
	21.11		261844	VV	47
	21.36		112590	VV	48
	21.58		99978	VV	49
	21.73		5040581	VE	50

Sample ID: 43067 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_025 Analysis Date: 26-APR-1996 10:16:37

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
AROCLOR-1254-5	22.06	-0.0200	49001	EV	51
	22.29		48173	EV	52
	22.46		85017	EV	53
	22.60		152960	VV	54
	22.83		52129	VV	55
	22.96		119648	VV	56
	23.36		298116	VE	57
	23.71		60625	EV	58
	24.04		111680	EB	59
	24.42		64439	BV	60
	24.62		28838	VV	61
	24.73		51207	VV	62
	24.91		63345	VV	63
	25.11		35746	VV	64
	25.27		50995	VV	65
	25.50		54756	VV	66
	25.67		39399	VV	67
	25.82		34134	VV	68
	25.95		41475	VV	69
	26.14		121270	VV	70
	26.50		60372	VV	71
	26.74		124178	VV	72
	27.08		26596	VV	73
	27.29		84079	VB	74
	28.14		40620	BV	75
	28.35		10921	VV	76
	29.12		234398	VV	77
	29.70		41315	VV	78
	30.34		114509	VB	79
	30.85		17224	BV	80
	31.26		19763	VV	81
	31.36		2908	VV	82
	32.00		3090	BV	83
	33.36		15996	BB	84
	34.34		156311	BB	85
	35.74		23218	BE	86
	37.47		5806	BB	87

Average result...0.0715 UG/ML

Run Number..... 25 End of Report.

TEST CODE :APCB 1 JOB NUMBER :9600.789
ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : ROY F. WESTON
TEST NAME : TO-10 PCB IN AIR UNITS : UG/M3
SAMPLE ID LAB : EE-96-43068 MATRIX: AIR
SAMPLE ID CLIENT: STN1-PCB

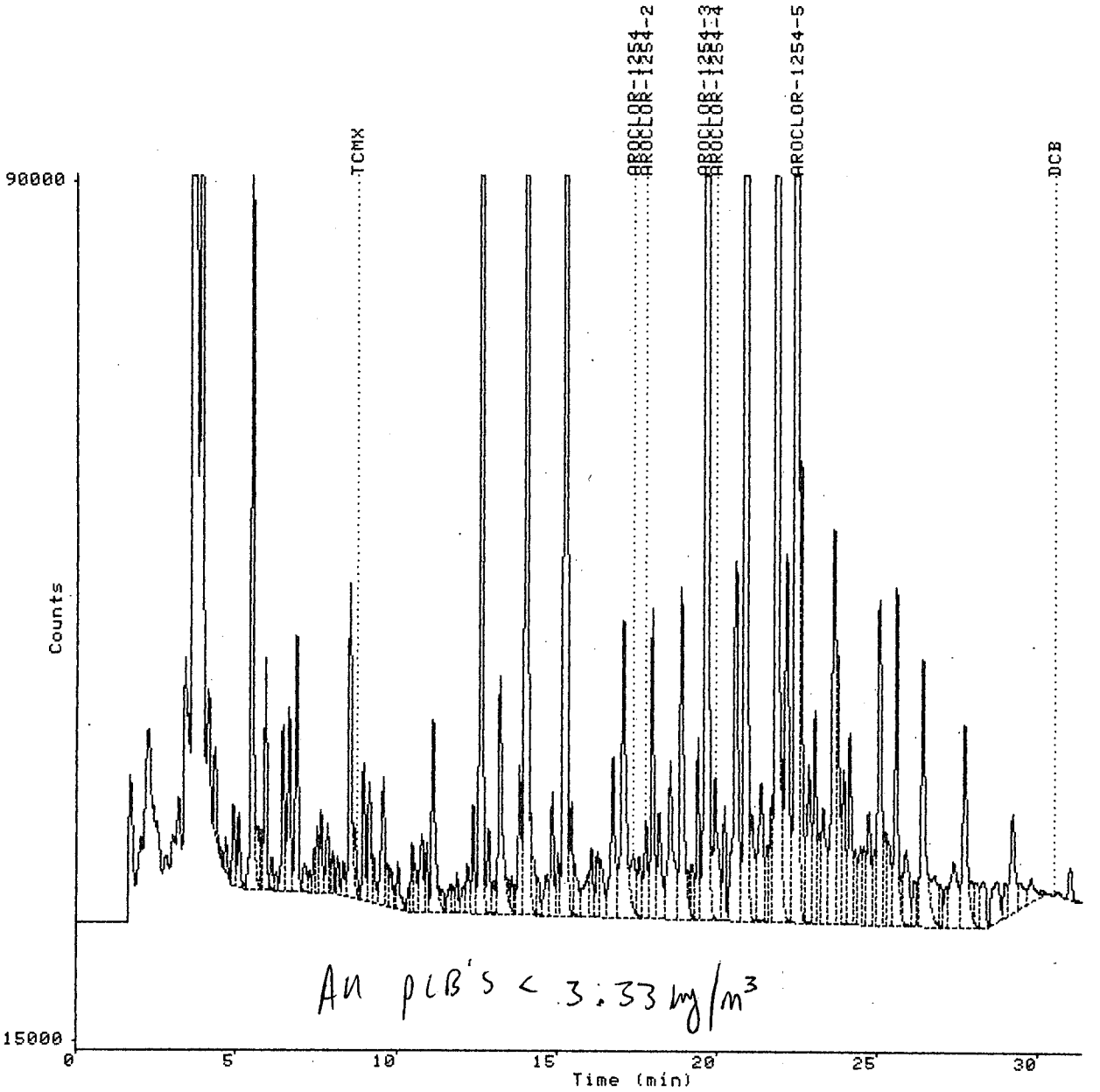
PARAMETER	RESULTS	Q	QNT. LIMIT
PCB-1242	ND		3.3
PCB-1254	ND		3.3
PCB-1221	ND		3.3
PCB-1232	ND		3.3
PCB-1248	ND		3.3
PCB-1260	ND		3.3
PCB-1016	ND		3.3

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
N = ANALYTE WAS NOT CONFIRMED BY ALTERNATE PROCEDURE

Run Number..... 26
Sample Name..... 43068 3200
Run Date..... 26-APR-1996 10:58:58
Raw File..... 6_0425_026
Method Name..... 6_1254_0425
Method Type..... Linear

STN1-PCB

58901B 30M 0.53mm RTX-35 2uL INJ



An PCB's < 3.33 ng/m³

43068 3200

sample contains some similar RT's as AR1254 although pattern does not exist.

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43068 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_026 Analysis Date: 26-APR-1996 10:58:58

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.34		44628	BB	1
	4.52		3579	BB	2
	4.68		19602	BB	3
	4.93		44385	BV	4
	5.10		35349	VB	5
	5.50		356677	VE	6
	5.69		30820	EV	7
	5.80		28557	EV	8
	5.93		101576	VE	9
	6.12		16416	EV	10
	6.26		8500	VV	11
	6.46		80136	VV	12
	6.65		106722	VV	13
	6.88		135049	VE	14
	7.13		19848	EV	15
	7.28		9774	VV	16
	7.44		19256	VV	17
	7.52		27501	VV	18
	7.63		42128	VV	19
	7.84		35615	VV	20
	7.93		9877	VV	21
	8.01		15971	VB	22
	8.17		18080	BV	23
	8.35		18515	VV	24
	8.54		177557	VE	25
	8.68		28154	EV	26
TCMX	8.84	-0.00220	2838	EV	27
	8.97		73660	VV	28
	9.14		66772	VV	29
	9.26		25252	VV	30
	9.57		82842	VV	31
	9.70		19780	VV	32
	9.81		18142	VV	33
	9.92		7735	VV	34
	10.03		28156	VB	35
	10.35		8247	BV	36
	10.47		35849	VV	37
	10.55		23113	VV	38
	10.78		58711	VV	39
	10.93		33393	VV	40
	11.12		133610	VE	41
	11.40		13407	EV	42
	11.69		20403	VV	43
	11.75		9804	VV	44
	11.87		20400	VV	45
	12.08		17887	VV	46
	12.21		32678	VV	47
	12.38		52935	VV	48
	12.62		2567849	VE	49
	12.86		52048	EV	50

Sample ID: 43068 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_026 Analysis Date: 26-APR-1996 10:58:58

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.03		19135	EV	51
	13.21		189087	VE	52
	13.46		8348	EV	53
	13.59		15270	EV	54
	13.69		11914	EV	55
	13.83		83472	VV	56
	14.03		2416020	VE	57
	14.26		41539	EV	58
	14.42		19448	EV	59
	14.67		32286	VV	60
	14.85		72584	VV	61
	15.03		29632	VV	62
	15.24		2139014	VE	63
	15.44		56328	EV	64
	15.55		39874	EV	65
	16.00		50672	VV	66
	16.08		37928	VV	67
	16.26		34547	VV	68
	16.34		49025	VV	69
	16.74		128694	VV	70
	17.06		263317	VE	71
AROCLOR-1254	17.36	0.0551	48782	EV	72
	17.56		44621	EV	73
AROCLOR-1254-2	17.75	0.00383	60055	VV	74
	17.95		163054	VV	75
	18.16		80314	VV	76
	18.50		155914	VV	77
	18.84		255455	VE	78
	19.07		10638	EV	79
	19.16		16337	EV	80
	19.21		24454	EV	81
	19.37		86395	VV	82
AROCLOR-1254-3	19.62	7.58	5607787	VE	83
AROCLOR-1254-4	19.90	0.0428	133532	EV	84
	20.19		58325	EV	85
	20.53		310039	VV	86
	20.82		4386326	VE	87
	21.03		81013	EV	88
	21.32		139821	EV	89
	21.54		47567	VV	90
	21.65		62397	VV	91
	21.79		1714545	VE	92
	22.11		297453	EV	93
AROCLOR-1254-5	22.40	3.03	3799897	VE	94
	22.55		194898	EV	95
	22.81		128279	EV	96
	23.00		132310	VV	97
	23.15		38562	VV	98
	23.26		108261	VV	99
	23.59		310640	VV	100
	23.70		141309	VV	101

Sample ID: 43068 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_026 Analysis Date: 26-APR-1996 10:58:58

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	23.90		102189	VV	102
	24.09		131428	VV	103
	24.26		46417	VV	104
	24.45		55625	VV	105
	24.55		42075	VV	106
	24.70		83420	VV	107
	24.88		43209	VV	108
	25.02		244647	VV	109
	25.22		49695	VV	110
	25.31		52388	VV	111
	25.54		191608	VE	112
	25.75		22321	EV	113
	25.88		68674	EV	114
	26.11		33287	VV	115
	26.25		18984	VV	116
	26.37		222140	VE	117
	26.74		59489	EV	118
	26.93		22733	EV	119
	27.12		32036	VV	120
	27.35		90665	VV	121
	27.67		175054	VE	122
	27.92		24957	EV	123
	28.05		34924	EV	124
	28.26		47769	VB	125
	28.68		64466	BV	126
	28.94		26500	VV	127
	29.16		94510	VV	128
	29.39		32980	VV	129
	29.76		30974	VE	130
	30.12		2629	EB	131
	30.98		21064	BE	132
	31.88		6139	VB	133
	32.89		5777	BB	134
	33.23		14094	BE	135
	33.58		2844	EV	136
	33.84		9639	VV	137
	34.08		3442	VB	138

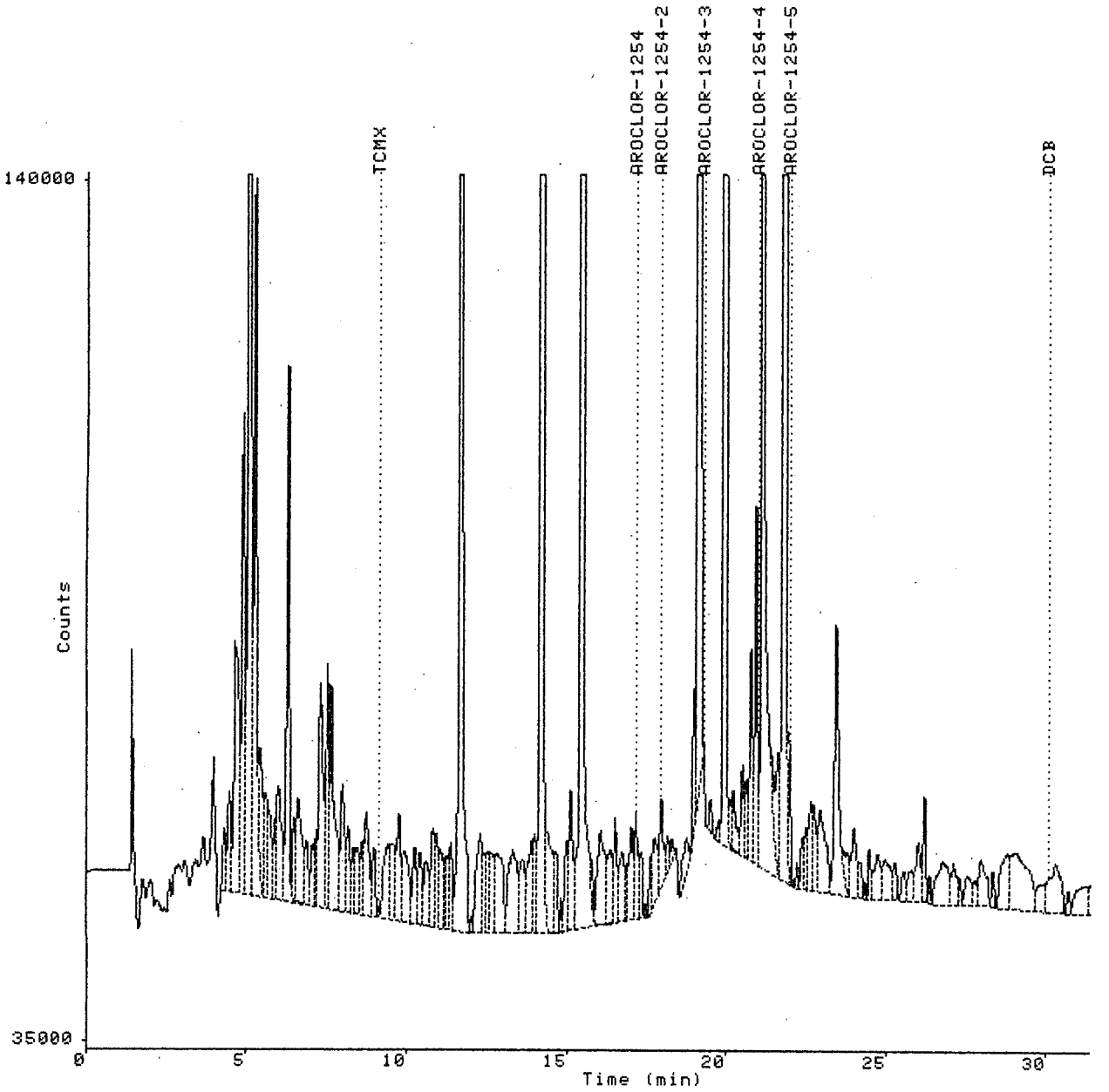
Average result...2.14 UG/ML

Run Number..... 26 End of Report.

Run Number..... 26
Sample Name..... 43068 3200
Run Date..... 26-APR-1996 10:59:08
Raw File..... 5_0425_026
Method Name..... 5_1254_0425
Method Type..... Linear

STN1-PCB

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43068 3200

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43068 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_026 Analysis Date: 26-APR-1996 10:59:08

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.30		47670	BV	1
	4.46		92370	VV	2
	4.67		349256	VV	3
	4.88		361012	VV	4
	5.05		1311966	VV	5
	5.25		622542	VE	6
	5.42		125313	EV	7
	5.59		100679	VV	8
	5.71		73853	VV	9
	5.94		74384	VV	10
	6.00		126480	VV	11
	6.28		377323	VE	12
	6.46		50862	EV	13
	6.60		171864	EV	14
	6.88		55015	VV	15
	7.06		52561	VV	16
	7.17		49196	VV	17
	7.30		249527	VV	18
	7.52		181563	VV	19
	7.64		259892	VV	20
	7.99		138512	VV	21
	8.17		78184	VV	22
	8.36		58666	VV	23
	8.46		68305	VV	24
	8.65		57346	VV	25
	8.75		119079	VV	26
	9.00		58751	VE	27
TCMX	9.13	-0.00268	2910	EV	28
	9.43		107076	VV	29
	9.53		110352	VV	30
	9.75		106118	VV	31
	9.91		128408	VV	32
	10.26		78471	VV	33
	10.42		76396	VV	34
	10.61		83915	VV	35
	10.82		95134	VV	36
	10.91		77559	VV	37
	11.05		67306	VV	38
	11.19		42127	VV	39
	11.26		43675	VV	40
	11.37		75408	VV	41
	11.64		2807152	VB	42
	12.02		7353	BV	43
	12.30		155253	VV	44
	12.44		57836	VV	45
	12.54		70118	VV	46
	12.64		75812	VV	47
	12.88		159205	VV	48
	13.30		210647	VV	49
	13.60		102606	VV	50

Sample ID: 43068 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_026 Analysis Date: 26-APR-1996 10:59:08

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.88		125295	VV	51
	13.98		83749	VV	52
	14.18		2524396	VE	53
	14.37		168539	EV	54
	14.64		82261	EB	55
	14.82		18502	BV	56
	14.98		79004	VV	57
	15.09		152050	VV	58
	15.43		3831643	VE	59
	16.04		214982	EV	60
	16.35		91450	EV	61
	16.50		98245	VV	62
	16.72		96530	VV	63
	16.86		32357	VV	64
	17.00		95751	VV	65
AROCLOR-1254	17.14	0.00259	105700	VV	66
	17.30		51541	VV	67
	17.45		6369	VB	68
	17.62		37944	BV	69
	17.73		76495	VV	70
AROCLOR-1254-2	17.93	-0.0254	84951	VV	71
	18.13		23583	VV	72
	18.27		13584	VB	73
	18.72		45370	BB	74
	18.93		73600	BV	75
	19.10		5929091	VB	76
	19.47		22013	BB	77
	19.74		15748	BV	78
	19.88		3668243	VE	79
	20.09		28071	EV	80
	20.17		60882	EV	81
	20.44		68889	VV	82
	20.56		58253	VV	83
	20.72		164372	VV	84
AROCLOR-1254-4	20.87	0.249	240478	VV	85
	21.06		1300603	VE	86
	21.56		124842	EV	87
	21.73		4925663	VE	88
AROCLOR-1254-5	21.89	0.00206	86983	EV	89
	22.16		12907	BV	90
	22.35		42665	VV	91
	22.47		56624	VV	92
	22.60		82397	VV	93
	22.67		72912	VV	94
	22.88		170610	VV	95
	23.37		312884	VE	96
	23.72		50826	EV	97
	23.93		94824	VV	98
	24.11		27480	VB	99
	24.29		7649	BV	100
	24.41		39614	VV	101

Sample ID: 43068 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_026 Analysis Date: 26-APR-1996 10:59:08

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	24.68		76447	VV	102
	24.92		82607	VV	103
	25.23		35632	VB	104
	25.49		31533	BV	105
	25.71		46322	VV	106
	25.96		73820	VV	107
	26.14		75314	VB	108
	26.30		14591	BB	109
	26.74		130407	BV	110
	27.06		55637	VV	111
	27.22		19258	VV	112
	27.50		51919	VV	113
	27.72		22576	VV	114
	27.91		89377	VB	115
	28.27		24340	BB	116
	28.64		123201	BV	117
	28.98		270305	VV	118
	29.82		57782	VV	119
	30.27		156834	VB	120
	30.67		17848	BV	121
	31.06		84327	VV	122
	31.76		123661	VV	123
	31.95		59705	VV	124
	32.21		122584	VV	125
	33.36		246026	VB	126
	33.72		6028	BB	127
	33.98		18968	BV	128
	34.34		56536	VV	129
	34.50		20922	VV	130
	34.60		48092	VB	131
	35.65		15239	BB	132
	36.23		16101	BV	133
	36.99		99314	VB	134
	37.48		16168	BV	135
	37.69		4092	VB	136

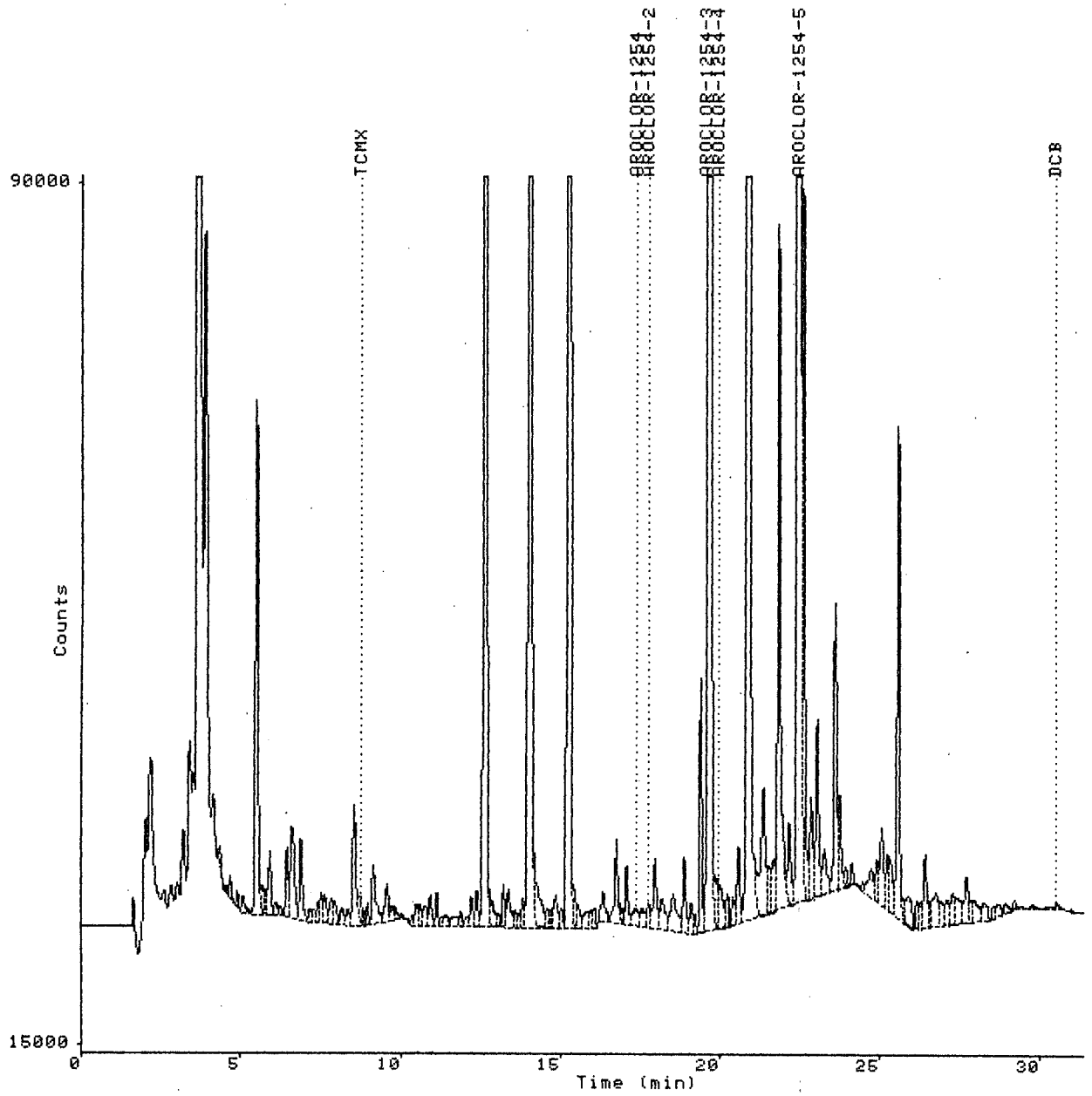
Average result...0.0457 UG/ML

Run Number..... 26 End of Report.

Run Number..... 27
Sample Name..... 43068 3210
Run Date..... 26-APR-1996 11:41:23
Raw File..... 6_0425_027
Method Name..... 6_1254_0425
Method Type..... Linear

STN1-PCB

58901B 30M 0.53mm RTX-35 2uL INJ



43068 3210

All PCB's < 3.33 ng/m³

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43068 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_027 Analysis Date: 26-APR-1996 11:41:23

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.34		10270	BB	1
	4.69		9994	BB	2
	4.91		6497	BB	3
	5.09		10656	BE	4
	5.51		246385	BE	5
	5.70		13942	EV	6
	5.78		7607	EV	7
	5.93		36854	EV	8
	6.11		8135	VV	9
	6.25		5032	VB	10
	6.46		31072	BV	11
	6.61		72633	VV	12
	6.89		41587	VB	13
	7.16		6986	BV	14
	7.29		6887	VV	15
	7.44		9614	VV	16
	7.52		13968	VV	17
	7.63		16268	VV	18
	7.84		15025	VV	19
	7.93		13679	VV	20
	8.18		11447	VV	21
	8.35		8634	VV	22
	8.55		74082	VE	23
TCMX	8.72	-0.00159	14451	EV	24
	8.85		3677	EB	25
	8.97		8172	BV	26
	9.14		43087	VV	27
	9.57		25083	VV	28
	9.72		7123	VV	29
	9.82		8212	VV	30
	10.35		3500	BV	31
	10.48		11593	VV	32
	10.58		11634	VV	33
	10.78		15483	VV	34
	10.93		15284	VV	35
	11.12		13850	VV	36
	11.32		5045	VV	37
	11.39		7722	VV	38
	11.69		10439	VV	39
	11.88		7422	VV	40
	12.07		5155	VV	41
	12.21		17377	VV	42
	12.39		17846	VV	43
	12.62		3287956	VE	44
	12.86		20905	EV	45
	13.07		8286	EV	46
	13.22		20472	VV	47
	13.38		26307	VV	48
	13.59		8148	VV	49
	13.69		5703	VV	50

Sample ID: 43068 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_027 Analysis Date: 26-APR-1996 11:41:23

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.84		15370	VV	51
	14.03		2775540	VE	52
	14.26		52628	EV	53
	14.59		9045	VV	54
	14.67		5612	VV	55
	14.75		6676	VV	56
	14.85		22140	VV	57
	15.03		10771	VV	58
	15.24		2651059	VE	59
	15.43		21451	EV	60
	15.54		14116	EV	61
	15.87		16188	VV	62
	15.99		11025	VV	63
	16.07		9395	VB	64
	16.35		22188	BV	65
	16.76		54013	VE	66
	17.07		30690	VV	67
AROCLOR-1254	17.36	-0.0168	18407	VV	68
	17.56		13867	VV	69
AROCLOR-1254-2	17.76	-0.0569	14531	VV	70
	17.95		42085	VV	71
	18.16		27250	VV	72
	18.51		44070	VV	73
	18.85		41443	VV	74
	19.08		17760	VV	75
	19.20		6105	VB	76
	19.37		101890	BV	77
AROCLOR-1254-3	19.62	8.42	6222870	VE	78
AROCLOR-1254-4	19.89	-0.0173	38909	EV	79
	19.98		29400	EV	80
	20.20		18181	EB	81
	20.36		17521	BV	82
	20.54		44949	VV	83
	20.82		5283667	VE	84
	21.31		127971	EV	85
	21.48		28520	EV	86
	21.65		31201	EV	87
	21.79		358453	VE	88
	22.12		49539	EV	89
AROCLOR-1254-5	22.40	3.89	4869380	VE	90
	22.55		254835	EV	91
	22.81		65917	VV	92
	23.00		100896	VV	93
	23.23		39236	VV	94
	23.56		153620	VV	95
	23.70		49819	VE	96
	23.90		9434	EV	97
	24.10		10757	VB	98
	24.46		4231	BV	99
	24.71		27296	VV	100
	24.89		27465	VV	101

Sample ID: 43068 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_027 Analysis Date: 26-APR-1996 11:41:23

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	25.04		49401	VV	102
	25.23		33586	VV	103
	25.31		27555	VV	104
	25.54		219203	VE	105
	25.74		10760	EV	106
	25.85		31025	EB	107
	26.14		18723	BV	108
	26.26		10768	VV	109
	26.38		45095	VV	110
	26.54		9645	VV	111
	26.73		40645	VV	112
	26.86		21530	VV	113
	27.07		20493	VV	114
	27.26		22602	VV	115
	27.37		29053	VV	116
	27.68		36583	VV	117
	27.81		9567	VV	118
	27.92		25320	VV	119
	28.24		20489	VB	120
	28.53		8839	BV	121
	28.70		11603	VV	122
	28.91		9086	VV	123
	29.17		5456	VE	124
	29.76		2886	VB	125
	30.28		3125	BV	126
DCB	30.53	3.80E-04	4252	VB	127
	32.89		4534	BB	128
	33.25		2936	BV	129

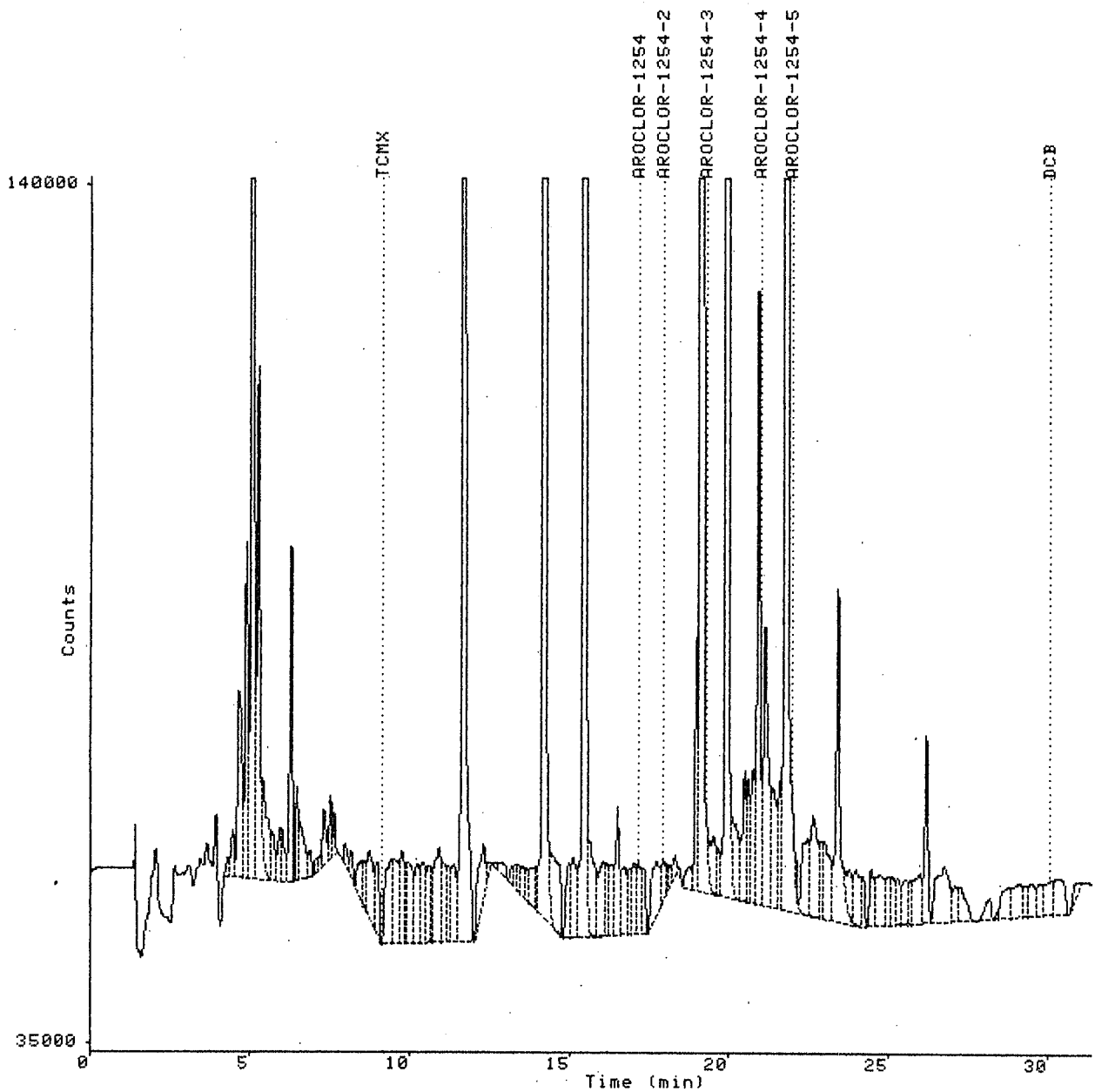
Average result...2.44 UG/ML

Run Number..... 27 End of Report.

Run Number..... 27
Sample Name..... 43068 3210
Run Date..... 26-APR-1996 11:41:28
Raw File..... 5_0425_027
Method Name..... 5_1254_0425
Method Type..... Linear

STN1-PCB

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43068 3210

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43068 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_027 Analysis Date: 26-APR-1996 11:41:28

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.32		14429	BV	1
	4.46		42377	VV	2
	4.67		239902	VV	3
	4.89		247750	VV	4
	5.06		940688	VV	5
	5.25		465511	VE	6
	5.41		119811	EV	7
	5.72		44439	VV	8
	5.94		42576	VV	9
	6.00		50619	VV	10
	6.28		220489	VB	11
	6.46		70264	BV	12
	6.58		83263	VV	13
	6.88		21382	VB	14
	7.07		10450	BV	15
	7.17		9519	VV	16
	7.32		54216	VV	17
	7.52		41728	VV	18
	7.64		21521	VB	19
	8.00		22169	BV	20
	8.18		21707	VV	21
	8.47		60865	VV	22
	8.63		31553	VV	23
	8.75		109303	VV	24
	8.99		73839	VB	25
	9.35		168643	BV	26
	9.52		108981	VV	27
	9.76		113025	VV	28
	9.88		41190	VV	29
	10.03		127330	VV	30
	10.26		105183	VV	31
	10.42		109817	VV	32
	10.61		68459	VV	33
	10.67		45037	VV	34
	10.92		176904	VV	35
	11.05		70739	VV	36
	11.19		74420	VV	37
	11.37		96254	VV	38
	11.64		3605916	VB	39
	12.23		106906	BV	40
	12.43		8332	VB	41
	12.67		3457	BV	42
	12.89		22531	VB	43
	13.19		14625	BV	44
	13.30		24137	VV	45
	13.39		22504	VV	46
	13.51		23776	VV	47
	13.63		29931	VV	48
	13.87		55935	VV	49
	13.98		27453	VV	50

Sample ID: 43068 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_027 Analysis Date: 26-APR-1996 11:41:28

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	14.18		2871205	VE	51
	14.60		176801	EB	52
	14.97		89985	BV	53
	15.10		106918	VV	54
	15.43		4284692	VE	55
	15.63		161839	EV	56
	16.05		124731	EV	57
	16.14		69503	VV	58
	16.36		77019	VV	59
	16.49		139016	VV	60
	16.71		88583	VV	61
	16.88		54044	VV	62
	17.00		79392	VV	63
AROCLOR-1254	17.14	-0.00383	99260	VV	64
	17.31		47950	VB	65
	17.67		120497	BV	66
AROCLOR-1254-2	17.93	-0.0558	42718	VV	67
	18.03		18355	VV	68
	18.15		13458	VV	69
	18.27		18656	VB	70
	18.71		35067	BV	71
	18.94		154776	VV	72
	19.10		6794739	VE	73
	19.51		88715	EV	74
	19.61		39603	EV	75
	19.88		5227921	VE	76
	20.17		126109	EV	77
	20.44		121350	EV	78
	20.56		104881	VV	79
	20.72		124669	VV	80
AROCLOR-1254-4	20.87	0.572	492327	VV	81
	21.09		407552	VV	82
	21.36		140844	VV	83
	21.58		107392	VV	84
	21.73		5805429	VE	85
	22.35		163615	EV	86
	22.60		184839	EV	87
	22.86		74653	VV	88
	22.96		139707	VV	89
	23.36		356811	VE	90
	23.72		62806	EV	91
	23.93		101299	EV	92
	24.14		45023	VB	93
	24.42		69777	BV	94
	24.70		121294	VV	95
	24.97		73213	VV	96
	25.11		48283	VV	97
	25.26		55853	VV	98
	25.50		71602	VV	99
	25.66		42694	VV	100
	25.94		105576	VV	101

Sample ID: 43068 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_027 Analysis Date: 26-APR-1996 11:41:28

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	26.14		159970	VV	102
	26.65		210276	VV	103
	27.07		47770	VV	104
	27.21		71459	VB	105
	28.11		37282	BB	106
	28.36		4698	BV	107
	28.63		74165	VV	108
	29.07		93666	VV	109
	29.31		35644	VV	110
	29.44		56641	VV	111
	29.74		49909	VV	112
DCB	30.09	0.00109	81646	VV	113
	30.32		100828	VB	114
	30.93		18882	BB	115
	31.74		3888	BV	116
	32.27		49521	VV	117
	32.81		49358	VV	118
	33.10		39222	VV	119
	33.37		70152	VB	120
	33.99		46480	BV	121
	34.32		163898	VB	122
	35.76		76290	BV	123
	35.98		21195	VV	124
	36.10		20675	VV	125
	36.21		30811	VE	126
	37.46		10288	BB	127

Average result...0.103 UG/ML

Run Number..... 27 End of Report.

TEST CODE :APCB 1

JOB NUMBER :9600.789
ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : ROY F. WESTON
TEST NAME : TO-10 PCB IN AIR
UNITS : UG/M3
SAMPLE ID LAB : EE-96-43069
MATRIX: AIR
SAMPLE ID CLIENT: STN2-PCB

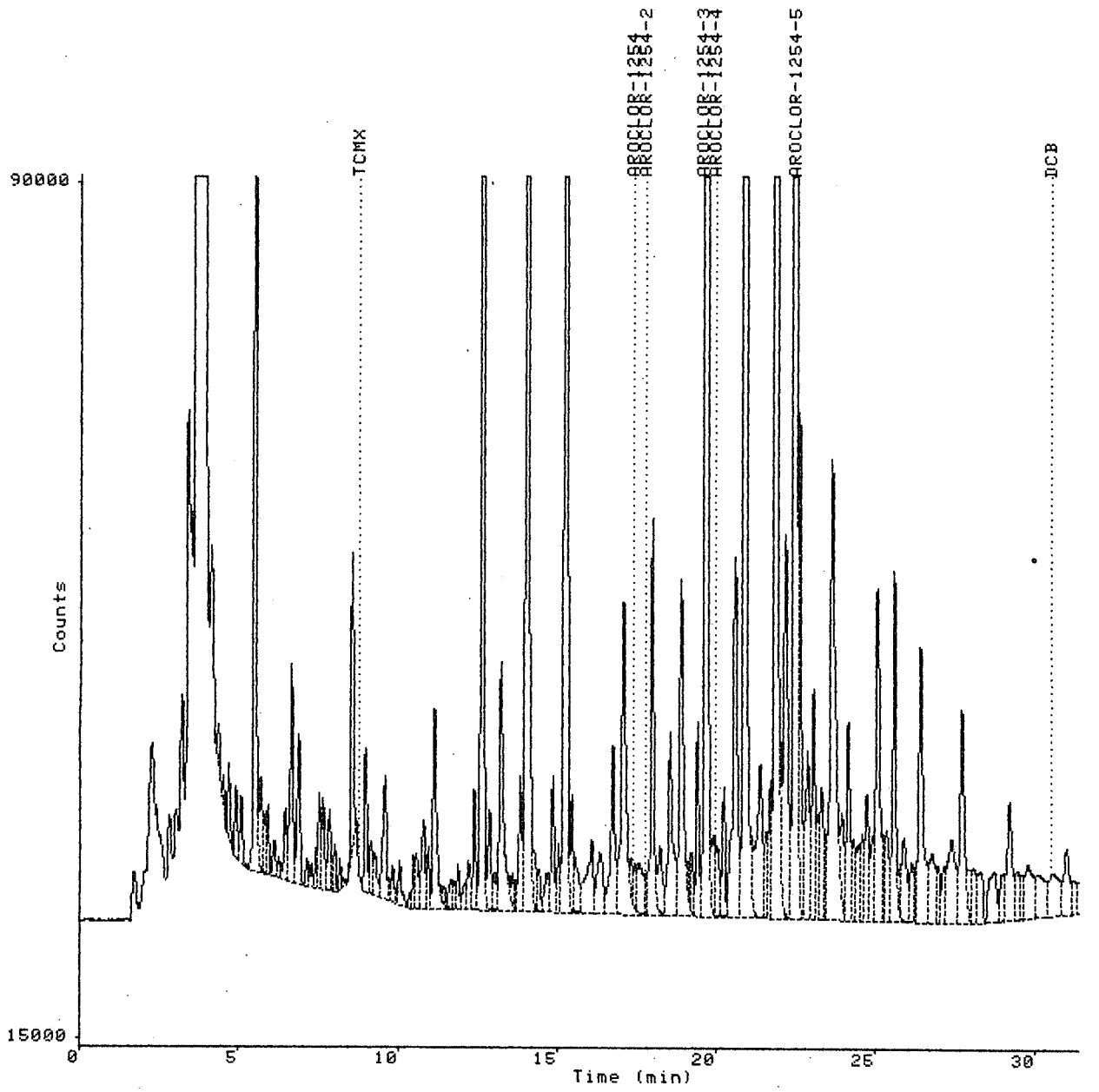
PARAMETER	RESULTS	Q	QNT. LIMIT
PCB-1242	ND		3.3
PCB-1254	ND		3.3
PCB-1221	ND		3.3
PCB-1232	ND		3.3
PCB-1248	ND		3.3
PCB-1260	ND		3.3
PCB-1016	ND		3.3

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
N = ANALYTE WAS NOT CONFIRMED BY ALTERNATE PROCEDURE

Run Number..... 29
Sample Name..... 43069 3200
Run Date..... 26-APR-1996 13:06:18
Raw File..... 6_0425_029
Method Name..... 6_1254_0425
Method Type..... Linear

STN2_PCB

58901B 30M 0.53mm RTX-35 2uL INJ



43069 3200

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

All PCB's < 3.33 ng/m³

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43069 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_029 Analysis Date: 26-APR-1996 13:06:18

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.35		20062	BV	1
	4.51		13399	VB	2
	4.68		36310	BB	3
	4.91		37023	BV	4
	5.08		34390	VB	5
	5.50		412853	BE	6
	5.69		49957	EV	7
	5.78		28346	EV	8
	5.92		29389	VB	9
	6.11		20521	BV	10
	6.27		8232	VV	11
	6.46		36722	VV	12
	6.65		125158	VV	13
	6.87		83882	VB	14
	7.14		12618	BV	15
	7.28		9637	VV	16
	7.43		14205	VV	17
	7.51		42096	VV	18
	7.63		47457	VV	19
	7.83		44659	VV	20
	7.93		7728	VV	21
	8.01		19634	VB	22
	8.17		12140	BV	23
	8.28		3647	VB	24
	8.54		137610	BB	25
	8.96		76891	BV	26
	9.14		30110	VV	27
	9.26		24030	VV	28
	9.57		86072	VE	29
	9.70		6574	EV	30
	9.81		18006	VV	31
	9.91		4188	VV	32
	10.02		27904	VB	33
	10.35		5514	BV	34
	10.48		23726	VV	35
	10.56		33762	VV	36
	10.78		62233	VV	37
	10.93		31944	VV	38
	11.12		145431	VE	39
	11.41		12491	EV	40
	11.69		22421	EV	41
	11.74		10691	VV	42
	11.87		23526	VV	43
	12.09		17789	VV	44
	12.20		33192	VV	45
	12.38		59159	VV	46
	12.62		2635337	VE	47
	12.86		61915	EV	48
	13.03		22410	EV	49
	13.21		208933	VE	50

Sample ID: 43069 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_029 Analysis Date: 26-APR-1996 13:06:18

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.59		18018	EV	51
	13.70		13056	EV	52
	13.83		77671	VV	53
	14.03		2436810	VE	54
	14.27		36189	EV	55
	14.42		21637	EV	56
	14.67		32175	VV	57
	14.84		79171	VV	58
	15.03		32333	VV	59
	15.24		2109778	VE	60
	15.44		56276	EV	61
	15.55		45541	EV	62
	16.08		97268	VV	63
	16.35		71459	VV	64
	16.74		132990	VV	65
	17.06		287965	VE	66
AROCLOR-1254	17.30	-0.0145	19396	EV	67
	17.44		24156	EV	68
	17.55		53420	EV	69
AROCLOR-1254-2	17.78	-0.0550	15941	VV	70
	17.95		205755	VE	71
	18.19		59667	EV	72
	18.50		163038	VV	73
	18.84		273607	VE	74
	19.09		8350	EV	75
	19.17		18388	EV	76
	19.20		25389	EV	77
	19.36		94734	VV	78
AROCLOR-1254-3	19.62	7.71	5702309	VE	79
AROCLOR-1254-4	19.88	-0.00328	60976	EV	80
	19.99		43606	EV	81
	20.19		69435	EV	82
	20.52		313961	VV	83
	20.82		4538002	VE	84
	21.32		185786	EV	85
	21.54		52105	EV	86
	21.65		70928	VV	87
	21.79		1828648	VE	88
	22.11		335606	EV	89
AROCLOR-1254-5	22.40	3.03	3800982	VE	90
	22.55		206790	EV	91
	22.81		145767	VV	92
	23.00		146007	VV	93
	23.15		45203	VV	94
	23.26		93071	VV	95
	23.36		27816	VV	96
	23.58		484825	VE	97
	23.90		61531	EV	98
	24.09		134513	VV	99
	24.26		53843	VV	100
	24.43		49738	VV	101

Sample ID: 43069 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_029 Analysis Date: 26-APR-1996 13:06:18

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	24.55		51243	VV	102
	24.69		90743	VV	103
	24.88		48317	VV	104
	25.02		257063	VV	105
	25.21		37560	VV	106
	25.31		58423	VV	107
	25.54		203930	VE	108
	25.76		22676	EV	109
	25.84		74752	EV	110
	26.09		46110	VV	111
	26.25		24322	VV	112
	26.36		226555	VV	113
	26.74		93928	VV	114
	26.92		31352	VV	115
	27.13		42426	VV	116
	27.35		120293	VV	117
	27.67		186296	VE	118
	27.91		29693	EV	119
	28.05		52853	VV	120
	28.26		50413	VB	121
	28.67		79646	BV	122
	28.95		38201	VV	123
	29.16		117982	VV	124
	29.40		42431	VV	125
	29.59		34718	VV	126
	29.75		84380	VV	127
	30.10		79492	VV	128
DCB	30.54	0.00436	92229	VV	129
	30.96		76315	VV	130
	31.19		34914	VV	131
	31.52		65990	VV	132
	31.88		58500	VV	133
	32.21		31154	VV	134
	32.90		72858	VV	135
	33.21		52651	VV	136
	33.75		67337	VV	137
	34.39		4465	VV	138

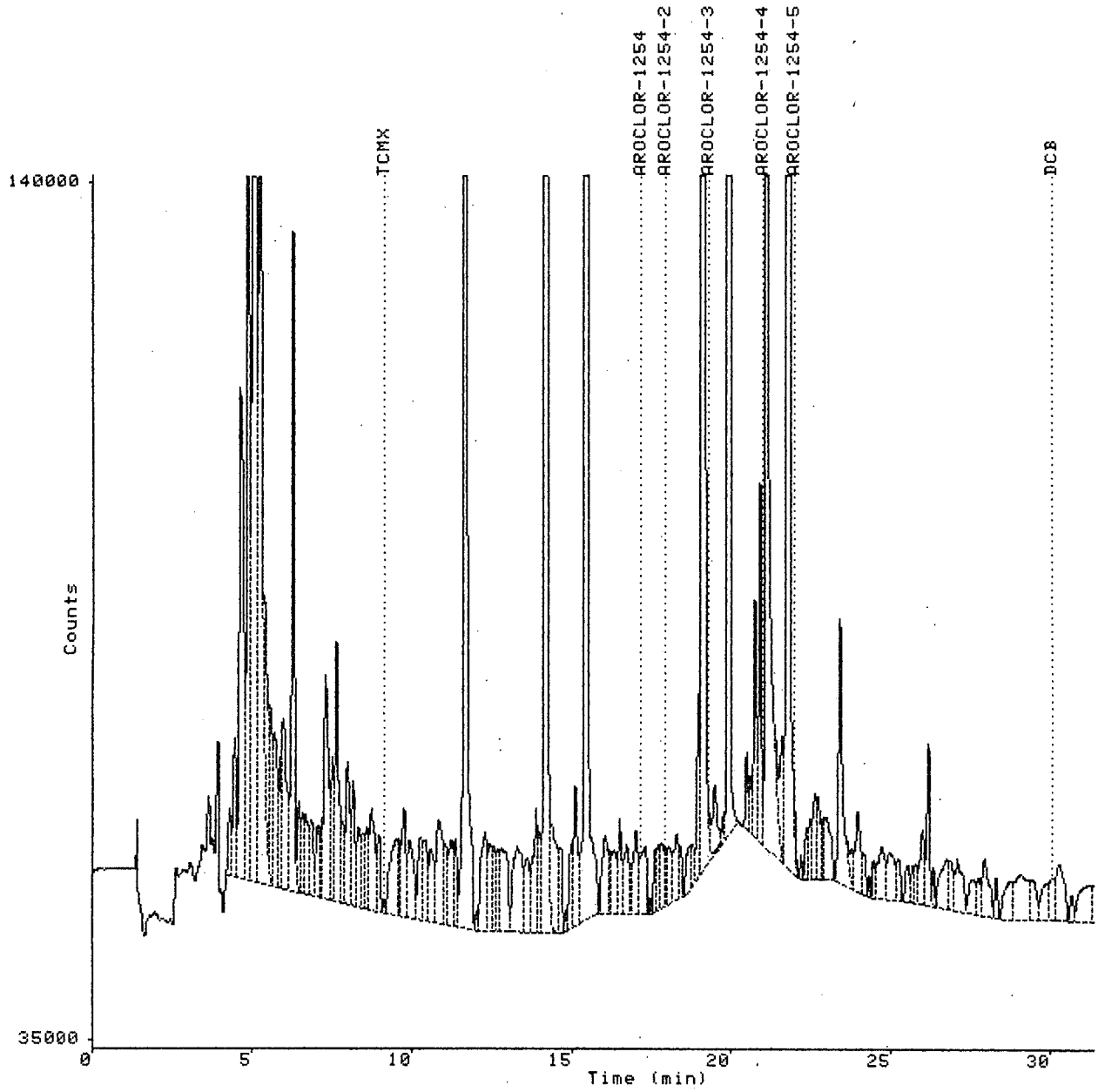
Average result...2.13 UG/ML

Run Number..... 29 End of Report.

Run Number..... 29
Sample Name..... 43069 3200
Run Date..... 26-APR-1996 13:06:20
Raw File..... 5_0425_029
Method Name..... 5_1254_0425
Method Type..... Linear

STNd - PCB

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43069 3200

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43069 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_029 Analysis Date: 26-APR-1996 13:06:20

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.30		51657	BV	1
	4.45		124438	VV	2
	4.65		618882	VV	3
	4.88		637138	VV	4
	5.05		2359983	VV	5
	5.24		1222278	VE	6
	5.40		161629	EV	7
	5.56		157511	EV	8
	5.71		177377	VV	9
	5.94		113019	VV	10
	5.99		186097	VV	11
	6.28		460461	VE	12
	6.46		62794	EV	13
	6.58		59174	EV	14
	6.68		93287	VV	15
	6.86		70374	VV	16
	7.06		66059	VV	17
	7.18		50909	VV	18
	7.30		273593	VV	19
	7.52		108348	VV	20
	7.64		257700	VV	21
	7.84		52024	VV	22
	7.99		160647	VV	23
	8.17		109395	VV	24
	8.35		81497	VV	25
	8.49		64342	VV	26
	8.63		78222	VV	27
	8.76		134282	VV	28
	8.99		65268	VB	29
TCMX	9.13	-0.00261	4793	BV	30
	9.42		151913	VV	31
	9.59		48923	VV	32
	9.75		115286	VV	33
	9.94		131130	VV	34
	10.28		97608	VV	35
	10.40		92226	VV	36
	10.60		99948	VV	37
	10.84		186339	VV	38
	11.04		61215	VV	39
	11.24		104595	VV	40
	11.36		69913	VV	41
	11.64		2867778	VB	42
	12.02		9214	BV	43
	12.24		158387	VV	44
	12.45		85229	VV	45
	12.54		63190	VV	46
	12.67		67216	VV	47
	12.78		163670	VV	48
	13.31		220590	VV	49
	13.60		100019	VV	50

Sample ID: 43069 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_029 Analysis Date: 26-APR-1996 13:06:20

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.88		157331	VV	51
	13.98		68325	VV	52
	14.18		2574981	VE	53
	14.37		198247	EV	54
	14.64		60700	VB	55
	14.81		11565	BV	56
	14.97		72435	VV	57
	15.09		154789	VV	58
	15.43		3777958	VB	59
	16.05		116888	BV	60
	16.16		45124	VV	61
	16.32		79565	VV	62
	16.50		90658	VV	63
	16.72		95763	VV	64
	16.86		22412	VV	65
AROCLOR-1254	17.00	0.00166	104761	VV	66
	17.30		111765	VB	67
	17.45		7263	BB	68
	17.63		49501	BV	69
	17.71		43846	VV	70
	17.80		65908	VV	71
AROCLOR-1254-2	17.94	-0.0620	34151	VV	72
	18.03		56144	VV	73
	18.26		98258	VV	74
	18.37		26359	VB	75
	18.70		51477	BV	76
	18.77		33305	VV	77
	18.94		114238	VV	78
	19.10		6238851	VE	79
	19.47		90098	EV	80
	19.75		17544	VV	81
	19.88		3764672	VB	82
	20.44		50834	BV	83
	20.55		40642	VV	84
	20.71		174855	VV	85
AROCLOR-1254-4	20.87	0.229	224665	VV	86
	21.06		1321223	VE	87
	21.56		123453	EV	88
	21.73		5066635	VE	89
AROCLOR-1254-5	22.04	-0.0398	14915	EB	90
	22.15		10916	BB	91
	22.35		44585	BV	92
	22.47		51645	VV	93
	22.60		84911	VV	94
	22.67		72207	VV	95
	22.85		46054	VV	96
	23.01		104146	VB	97
	23.36		286817	BE	98
	23.74		36627	EV	99
	23.93		110153	VV	100
	24.09		29521	VB	101

Sample ID: 43069 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_029 Analysis Date: 26-APR-1996 13:06:20

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	24.28		9388	BB	102
	24.42		26469	BV	103
	24.68		104732	VV	104
	24.93		91477	VV	105
	25.21		43136	VB	106
	25.48		39403	BV	107
	25.68		28991	VV	108
	25.75		34157	VV	109
	25.96		87996	VV	110
	26.14		120020	VE	111
	26.30		22358	EV	112
	26.62		110293	VV	113
	26.84		53466	VV	114
	27.06		98843	VV	115
	27.53		58662	VV	116
	27.72		37373	VV	117
	27.91		99426	VV	118
	28.27		28682	VB	119
	28.64		79164	BV	120
	29.06		155630	VV	121
	29.41		67846	VV	122
	29.88		65247	VV	123
DCB	30.06	1.82E-04	63065	VV	124
	30.26		124400	VB	125
	30.67		21816	BV	126
	31.08		116868	VV	127
	31.47		55073	VV	128
	31.75		98367	VV	129
	31.95		47166	VV	130
	32.18		141604	VV	131
	32.92		150596	VV	132
	33.36		112107	VB	133
	33.72		7604	BB	134
	33.97		19317	BV	135
	34.43		124393	VV	136
	34.84		25462	VV	137
	35.25		22580	VV	138
	35.62		12404	VB	139
	36.23		15186	BV	140
	37.01		99015	VB	141
	37.48		17799	BV	142
	37.68		6875	VB	143

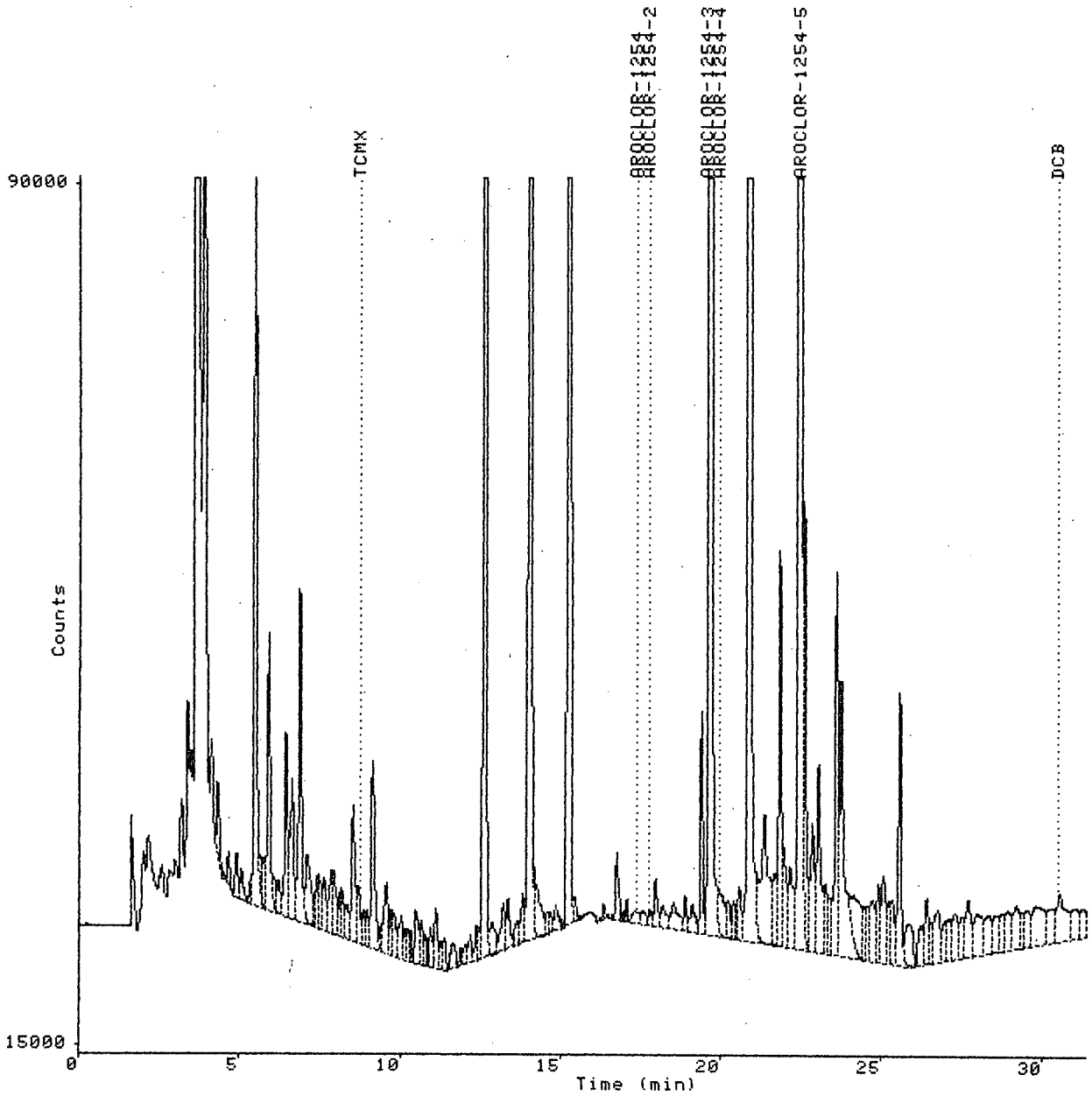
Average result...0.0258 UG/ML

Run Number..... 29 End of Report.

Run Number..... 30
Sample Name..... 43069 3210
Run Date..... 26-APR-1996 13:48:47
Raw File..... 6_0425_030
Method Name..... 6_1254_0425
Method Type..... Linear

STN 2 - PCB

58901B 30M 0.53mm RTX-35 2uL INJ



43069 3210

AN < 3.33 mg/m³

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43069 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_030 Analysis Date: 26-APR-1996 13:48:47

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.32		39414	BB	1
	4.67		15488	BB	2
	4.93		23853	BV	3
	5.07		16556	VB	4
	5.39		11065	BV	5
	5.49		355206	VE	6
	5.68		19330	EV	7
	5.84		26897	EV	8
	5.92		137186	VE	9
	6.10		16929	EV	10
	6.23		20217	EV	11
	6.45		92902	VV	12
	6.64		98740	VV	13
	6.88		183562	VE	14
	7.11		66535	EV	15
	7.36		11909	VV	16
	7.43		25779	VV	17
	7.51		21490	VV	18
	7.63		32317	VV	19
	7.84		36686	VV	20
	7.92		45454	VV	21
	8.13		14342	VV	22
	8.18		29711	VV	23
	8.34		23316	VV	24
	8.53		90673	VV	25
TCMX	8.70	-8.12E-04	29472	VV	26
	8.86		16824	VV	27
	8.97		20344	VV	28
	9.14		126287	VE	29
	9.42		9541	EV	30
	9.56		51983	VV	31
	9.72		24761	VV	32
	9.80		23399	VV	33
	10.02		33222	VV	34
	10.15		14236	VV	35
	10.22		14189	VV	36
	10.31		10626	VB	37
	10.48		40428	BV	38
	10.66		26270	VV	39
	10.79		12107	VB	40
	10.94		22978	BV	41
	11.11		39999	VV	42
	11.29		14028	VV	43
	11.38		17132	VB	44
	11.66		26027	BV	45
	11.89		8485	VV	46
	12.04		15779	VV	47
	12.19		16527	VV	48
	12.39		20628	VV	49
	12.49		10231	VV	50

Sample ID: 43069 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_030 Analysis Date: 26-APR-1996 13:48:47

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	12.61		2516252	VE	51
	12.86		36207	EV	52
	13.22		39946	VV	53
	13.37		34883	VV	54
	13.65		21694	VV	55
	13.83		31370	VV	56
	14.03		2620669	VE	57
	14.26		62051	EV	58
	14.58		11438	VV	59
	14.65		14593	VV	60
	14.86		21161	VV	61
	15.03		3295	VB	62
	15.24		2654925	BE	63
	15.43		13278	EV	64
	16.35		6365	BB	65
	16.76		37200	VE	66
	16.96		3013	EV	67
	17.07		7681	VB	68
AROCLOR-1254	17.30	-0.0225	16014	BV	69
	17.59		12359	VV	70
AROCLOR-1254-2	17.77	-0.0641	9159	VV	71
	17.95		29143	VV	72
	18.16		21985	VV	73
	18.50		37983	VV	74
	18.85		19276	VV	75
	19.08		27266	VV	76
	19.36		91851	VV	77
AROCLOR-1254-3	19.61	7.81	5773354	VE	78
AROCLOR-1254-4	19.98	-0.0102	50127	EV	79
	20.20		25482	EV	80
	20.35		20340	EV	81
	20.47		12397	VV	82
	20.53		33269	VV	83
	20.82		4778306	VE	84
	21.31		196612	EV	85
	21.64		49106	EV	86
	21.79		199840	VV	87
	21.91		66900	VV	88
	22.12		77294	VV	89
AROCLOR-1254-5	22.40	3.23	4051381	VE	90
	22.55		180831	EV	91
	22.81		96588	VV	92
	23.00		139099	VV	93
	23.22		52662	VV	94
	23.36		28712	VV	95
	23.56		213811	VV	96
	23.70		245883	VE	97
	24.10		89604	EV	98
	24.41		29397	VV	99
	24.53		29657	VV	100
	24.69		62509	VV	101

Sample ID: 43069 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_030 Analysis Date: 26-APR-1996 13:48:47

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	24.89		54324	VV	102
	25.04		76763	VV	103
	25.25		28369	VV	104
	25.30		41055	VV	105
	25.54		150169	VE	106
	25.82		58776	EB	107
	26.21		39133	BV	108
	26.38		50603	VV	109
	26.52		17309	VV	110
	26.72		67710	VV	111
	26.98		34437	VV	112
	27.07		27551	VV	113
	27.27		54911	VV	114
	27.49		33490	VV	115
	27.68		66736	VV	116
	27.95		69034	VV	117
	28.29		50645	VV	118
	28.52		43844	VV	119
	28.76		34712	VV	120
	28.90		41791	VV	121
	29.16		49534	VV	122
	29.30		25836	VV	123
	29.52		45076	VV	124
	29.79		89606	VV	125
	30.29		55963	VV	126
DCB	30.53	0.00407	85788	VV	127
	30.98		45400	VV	128
	31.25		32901	VV	129
	31.53		32614	VV	130
	31.68		21437	VV	131
	31.84		35151	VV	132
	32.18		51594	VV	133
	32.88		53179	VV	134
	33.51		54920	VV	135
	33.99		27877	VV	136
	34.43		4081	VV	137
	34.65		3065	VB	138

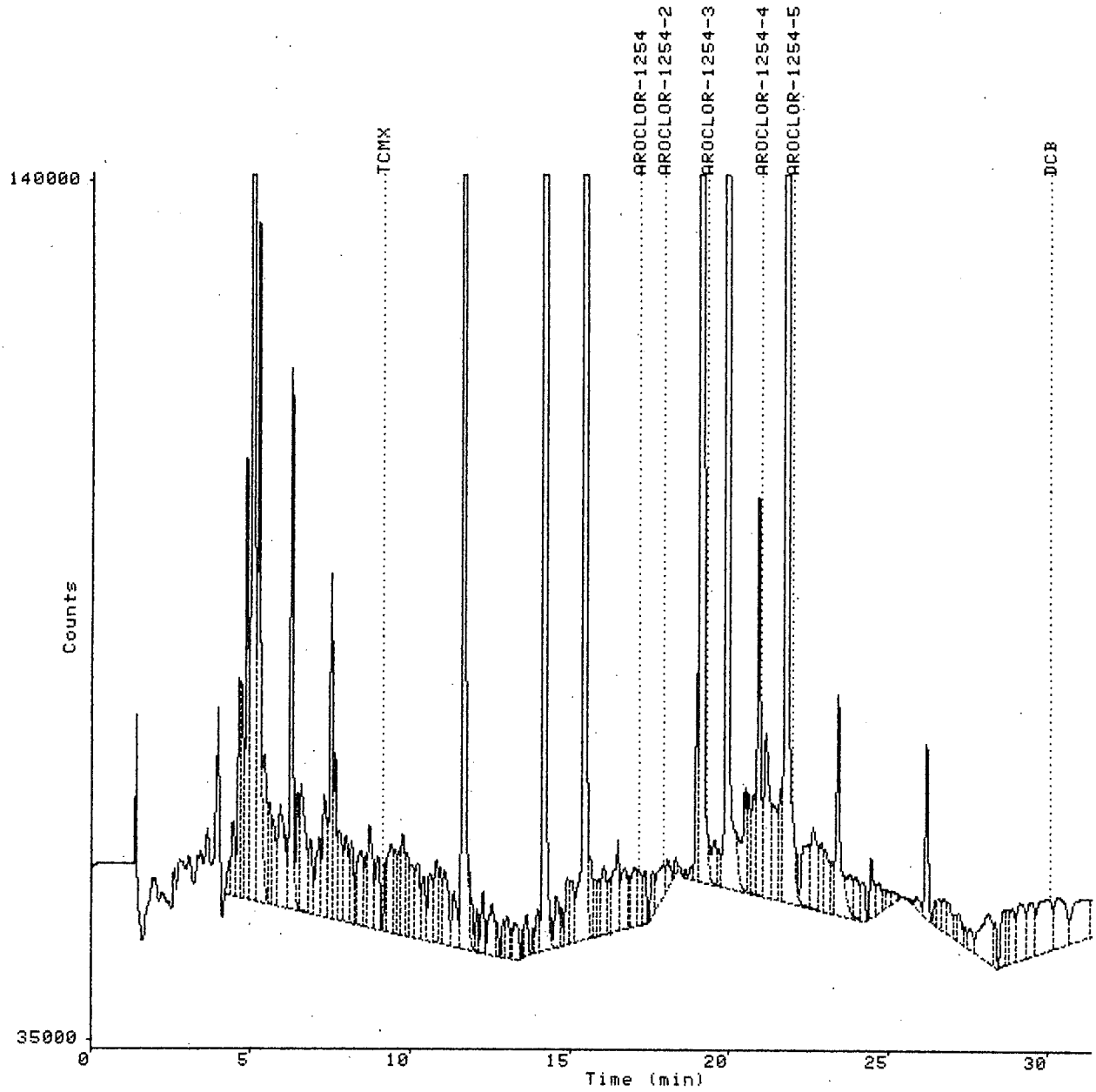
Average result...2.19 UG/ML

Run Number..... 30 End of Report.

Run Number..... 30
Sample Name..... 43069 3210
Run Date..... 26-APR-1996 13:48:50
Raw File..... 5_0425_030
Method Name..... 5_1254_0425
Method Type..... Linear

STN2 - PCB

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43069 3210

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43069 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_030 Analysis Date: 26-APR-1996 13:48:50

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.33		22213	BV	1
	4.44		72286	VV	2
	4.63		142499	VV	3
	4.69		181641	VV	4
	4.87		322333	VV	5
	5.04		1213531	VV	6
	5.24		600916	VE	7
	5.42		134027	EV	8
	5.57		88975	VV	9
	5.70		68848	VV	10
	5.93		191945	VV	11
	6.27		411926	VE	12
	6.45		76901	EV	13
	6.58		204187	EV	14
	6.87		72908	VV	15
	7.15		103414	VV	16
	7.30		152363	VV	17
	7.51		254338	VV	18
	7.63		115799	VV	19
	7.77		111330	VV	20
	7.99		104541	VV	21
	8.16		82172	VV	22
	8.34		35720	VV	23
	8.45		102535	VV	24
	8.65		48645	VV	25
	8.74		132686	VV	26
	8.99		78425	VB	27
	9.24		42050	BV	28
	9.40		134907	VV	29
	9.50		62266	VV	30
	9.65		50988	VV	31
	9.75		106822	VV	32
	9.88		88046	VV	33
	10.03		77717	VV	34
	10.23		89666	VV	35
	10.41		65674	VV	36
	10.62		90961	VV	37
	10.81		86429	VV	38
	10.92		57939	VV	39
	11.05		109516	VV	40
	11.36		72781	VV	41
	11.64		2761086	VE	42
	11.92		42732	EV	43
	12.09		29811	EV	44
	12.27		55845	EV	45
	12.55		80904	VV	46
	12.69		24397	VB	47
	12.90		26644	BV	48
	13.02		44073	VV	49
	13.14		14333	VV	50

Sample ID: 43069 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_030 Analysis Date: 26-APR-1996 13:48:50

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.27		55934	VB	51
	13.55		16547	BV	52
	13.63		36875	VB	53
	13.86		16651	BV	54
	14.00		42335	VV	55
	14.18		2277627	VE	56
	14.58		69301	EV	57
	14.71		24136	EV	58
	14.91		77582	VV	59
	15.03		67056	VV	60
	15.43		3942720	VE	61
	15.62		78964	EV	62
	15.78		45170	EV	63
	15.89		41849	EV	64
	16.05		95230	VV	65
	16.25		41293	VV	66
	16.48		143471	VV	67
	16.70		93544	VV	68
	16.84		35381	VV	69
	17.01		77871	VV	70
AROCLOR-1254	17.13	-0.0315	71526	VV	71
	17.33		43632	VB	72
	17.58		49832	BV	73
AROCLOR-1254-2	17.93	-0.0359	70345	VV	74
	18.04		32659	VV	75
	18.28		12772	VB	76
	18.60		4687	BV	77
	18.77		10542	VV	78
	18.94		125256	VV	79
	19.10		6360245	VE	80
	19.51		65846	EV	81
	19.61		30650	EV	82
	19.88		5034451	VE	83
	20.44		124935	EV	84
	20.55		93432	EV	85
	20.73		86314	EV	86
AROCLOR-1254-4	20.87	0.375	338806	EV	87
	21.11		278044	VV	88
	21.35		110579	VV	89
	21.57		97102	VV	90
	21.73		5278317	VE	91
	22.42		146802	EV	92
	22.59		140934	EV	93
	22.84		73054	VV	94
	22.96		78197	VV	95
	23.14		35160	VV	96
	23.36		243779	VE	97
	23.73		59383	EV	98
	23.92		52405	EV	99
	24.13		45601	VB	100
	24.40		67082	BV	101

Sample ID: 43069 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_030 Analysis Date: 26-APR-1996 13:48:50

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	24.66		46405	VV	102
	24.83		14995	VV	103
	24.92		14463	VV	104
	25.08		15547	VV	105
	25.26		4185	VB	106
	25.84		14049	VV	107
	26.14		126241	VB	108
	26.44		19642	BV	109
	26.53		30891	VV	110
	26.70		38767	VV	111
	26.82		41074	VV	112
	27.08		15663	VV	113
	27.17		33769	VV	114
	27.36		16520	VV	115
	27.51		26169	VV	116
	28.08		150803	VV	117
	28.29		29947	VB	118
	28.58		61210	BV	119
	28.69		62261	VV	120
	28.84		64251	VV	121
	29.09		135561	VV	122
	29.43		110752	VV	123
DCB	30.02	0.00729	208702	VV	124
	30.32		160882	VV	125
	30.98		178776	VV	126
	31.60		136286	VV	127
	31.98		84875	VV	128
	32.38		124809	VV	129
	32.82		55657	VV	130
	33.10		60481	VV	131
	33.43		56760	VB	132
	33.99		25952	BV	133
	34.14		3878	VB	134
	35.99		105075	BV	135
	36.48		36433	VV	136
	37.08		6683	BV	137
	37.45		11377	VB	138

Average result...0.0616 UG/ML

Run Number..... 30 End of Report.

TEST CODE :APCB 1 JOB NUMBER :9600.789
ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : ROY F. WESTON
TEST NAME : TO-10 PCB IN AIR UNITS : UG/M3
SAMPLE ID LAB : EE-96-43070 MATRIX: AIR
SAMPLE ID CLIENT: STN3-PCB

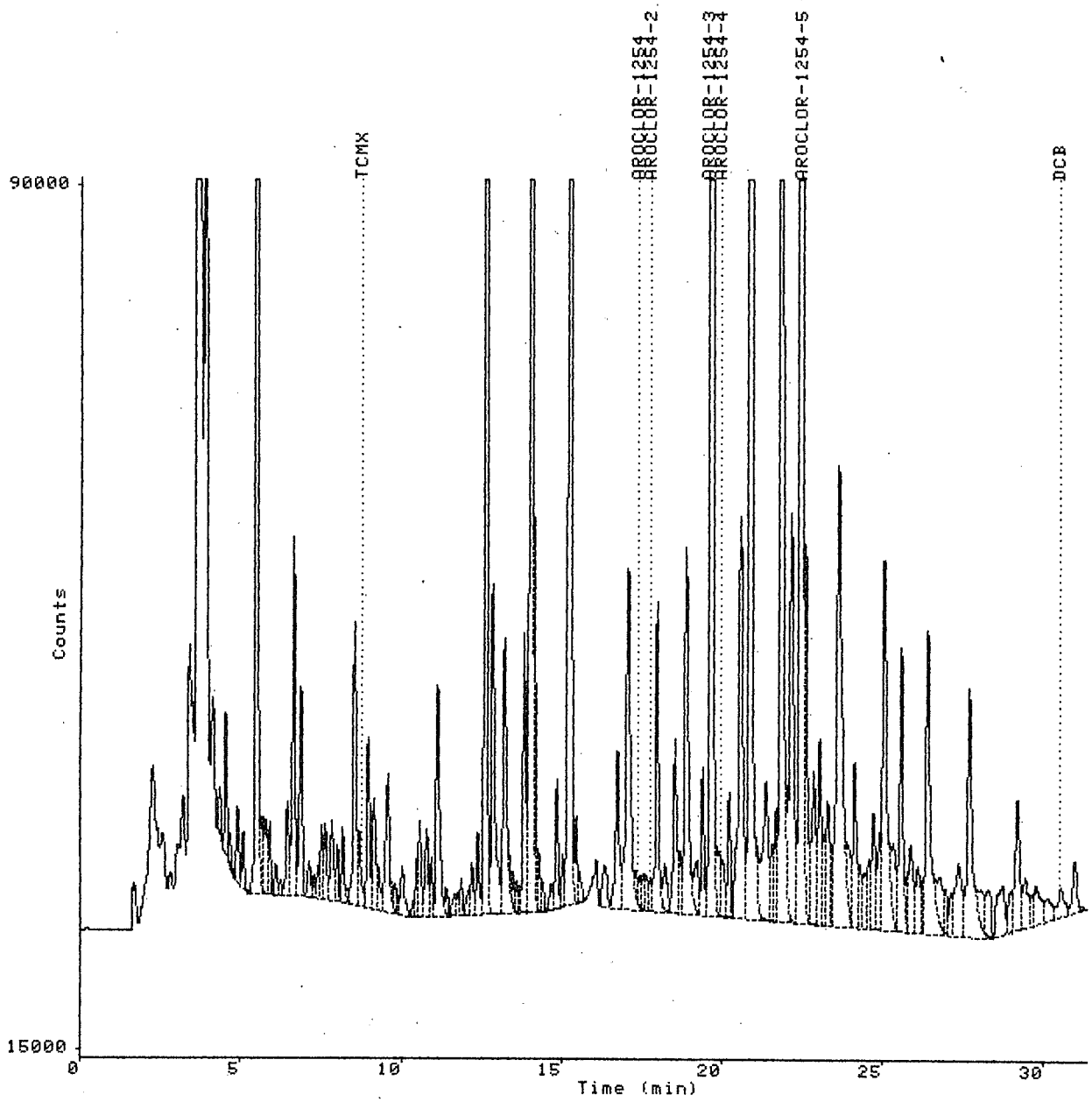
PARAMETER	RESULTS	Q	QNT. LIMIT
PCB-1242	ND		3.3
PCB-1254	ND		3.3
PCB-1221	ND		3.3
PCB-1232	ND		3.3
PCB-1248	ND		3.3
PCB-1260	ND		3.3
PCB-1016	ND		3.3

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
N = ANALYTE WAS NOT CONFIRMED BY ALTERNATE PROCEDURE

Run Number..... 31
Sample Name..... 43070 3200
Run Date..... 26-APR-1996 14:31:09
Raw File..... 6_0425_031
Method Name..... 6_1254_0425
Method Type..... Linear

STN3 - PCB

58901B 30M 0.53mm RTX-35 2uL INJ



43070 3200

All PCB's < 3.33 mg/m³

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43070 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_031 Analysis Date: 26-APR-1996 14:31:09

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.35		23545	BB	1
	4.54		63055	BE	2
	4.68		13967	EB	3
	4.92		39387	BV	4
	5.09		26339	VB	5
	5.50		561605	VE	6
	5.68		35151	EV	7
	5.80		42769	EV	8
	5.92		30142	EB	9
	6.12		16530	BV	10
	6.26		6089	VV	11
	6.46		47258	VV	12
	6.65		176001	VV	13
	6.88		112937	VB	14
	7.13		18428	BV	15
	7.28		9698	VV	16
	7.43		14169	VV	17
	7.52		33244	VV	18
	7.63		39371	VV	19
	7.83		48982	VV	20
	8.01		24178	VB	21
	8.18		35483	BE	22
	8.33		5085	EV	23
	8.54		155727	VV	24
TCMX	8.67	-1.76E-04	41687	VV	25
	8.96		94646	VV	26
	9.14		64516	VV	27
	9.26		24416	VV	28
	9.57		101357	VE	29
	9.69		7167	EV	30
	9.81		13342	EV	31
	9.90		4827	EV	32
	10.02		34045	VB	33
	10.35		5642	BV	34
	10.47		22986	VV	35
	10.55		53689	VV	36
	10.78		54341	VV	37
	10.93		28835	VV	38
	11.12		158284	VE	39
	11.40		15046	EB	40
	11.68		14413	BV	41
	11.74		10316	VV	42
	11.87		17379	VV	43
	12.09		15161	VV	44
	12.20		30325	VV	45
	12.38		42416	VV	46
	12.61		2243248	VE	47
	12.83		223800	EV	48
	13.21		204442	VE	49
	13.37		7950	EV	50

Sample ID: 43070 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_031 Analysis Date: 26-APR-1996 14:31:09

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.47		14164	EV	51
	13.59		13698	EV	52
	13.69		12250	VV	53
	13.83		148786	VV	54
	14.03		2123954	VE	55
	14.14		87723	EV	56
	14.27		33804	EV	57
	14.42		11116	VB	58
	14.67		17933	BV	59
	14.84		65551	VV	60
	15.03		21917	VV	61
	15.23		1836814	VE	62
	15.44		40296	EV	63
	15.55		17357	EB	64
	16.35		36451	BB	65
	16.73		106168	BV	66
	17.05		284119	VE	67
	17.29		12763	EV	68
AROCLOR-1254	17.44	-0.0202	16974	EV	69
	17.55		17672	EV	70
	17.61		19414	VV	71
AROCLOR-1254-2	17.77	-0.0579	13753	VV	72
	17.94		153987	VE	73
	18.19		36563	EV	74
	18.50		108710	VV	75
	18.64		31404	VV	76
	18.84		280236	VE	77
	19.20		43514	EV	78
	19.36		69812	VV	79
AROCLOR-1254-3	19.61	6.87	5083445	VE	80
AROCLOR-1254-4	19.88	-0.00913	51780	EV	81
	19.99		32713	EV	82
	20.18		61722	EV	83
	20.52		333885	VV	84
	20.81		3864398	VE	85
	21.31		159786	EV	86
	21.53		47068	EV	87
	21.65		57216	VV	88
	21.79		1281169	VE	89
	22.11		342276	EV	90
AROCLOR-1254-5	22.40	2.57	3224467	VE	91
	22.55		154314	EV	92
	22.81		127376	EV	93
	23.00		117162	VV	94
	23.15		35383	VV	95
	23.25		87269	VV	96
	23.37		26678	VV	97
	23.59		487645	VE	98
	23.89		49755	EV	99
	24.09		112357	VV	100
	24.25		35162	VV	101

Sample ID: 43070 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_031 Analysis Date: 26-APR-1996 14:31:09

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	24.42		36893	VV	102
	24.55		41171	VV	103
	24.69		82133	VV	104
	24.88		52037	VV	105
	25.01		312853	VE	106
	25.31		60115	EV	107
	25.54		176551	VE	108
	25.75		23996	EV	109
	25.84		71509	VV	110
	26.06		54170	VV	111
	26.24		21447	VV	112
	26.36		266119	VE	113
	26.74		58159	EV	114
	26.93		22121	EV	115
	27.12		31155	VV	116
	27.34		93331	VV	117
	27.66		233712	VE	118
	28.05		38037	EV	119
	28.27		47331	EB	120
	28.73		74462	BV	121
	28.94		28763	VV	122
	29.15		120182	VV	123
	29.40		55491	VV	124
	29.64		12129	VV	125
	29.76		50283	VV	126
	30.10		37178	VV	127
DCB	30.53	0.00191	38116	VV	128
	30.95		44985	VE	129
	31.89		34708	BV	130
	32.24		17678	VV	131
	32.54		6228	VV	132
	32.86		22894	VV	133
	33.20		23621	VB	134
	34.41		3218	BB	135

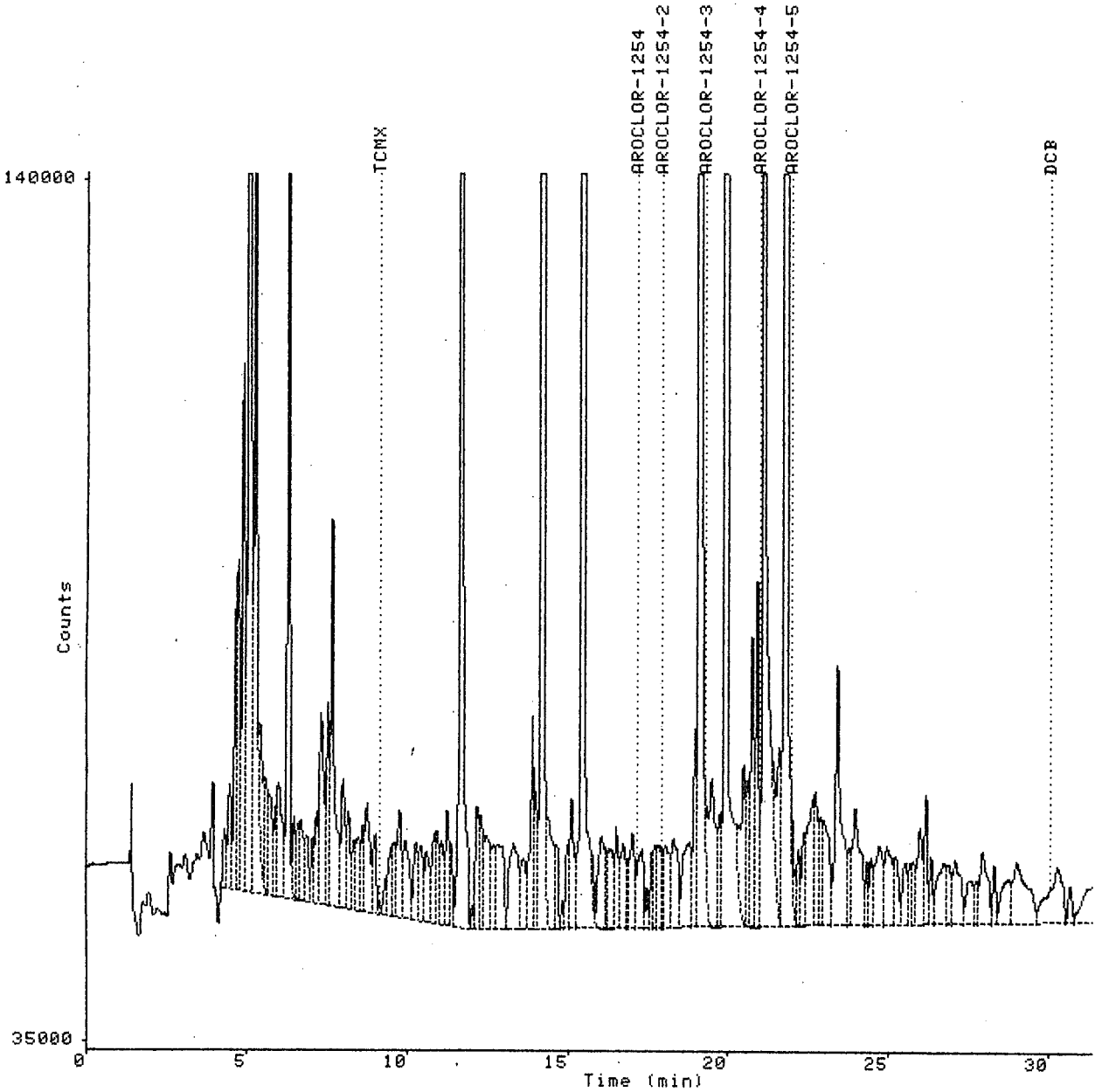
Average result...1.87 UG/ML

Run Number..... 31 End of Report.

Run Number..... 31
Sample Name..... 43070 3200
Run Date..... 26-APR-1996 14:31:15
Raw File..... 5_0425_031
Method Name..... 5_1254_0425
Method Type..... Linear

STN3-PCB

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43070 3200

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43070 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_031 Analysis Date: 26-APR-1996 14:31:15

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.30		45736	BV	1
	4.45		98744	VV	2
	4.65		181295	VV	3
	4.72		266820	VV	4
	4.88		385743	VV	5
	5.05		1407885	VV	6
	5.25		727326	VE	7
	5.41		110976	EV	8
	5.57		114872	EV	9
	5.71		103491	VV	10
	5.94		80633	VV	11
	5.99		130921	VV	12
	6.28		589895	VE	13
	6.46		53724	EV	14
	6.59		50880	EV	15
	6.67		99341	VV	16
	6.87		57830	VV	17
	7.06		52446	VV	18
	7.17		65671	VV	19
	7.30		223748	VV	20
	7.52		147951	VV	21
	7.64		371703	VV	22
	7.99		145649	VV	23
	8.17		86686	VV	24
	8.36		63518	VV	25
	8.48		77487	VV	26
	8.64		71560	VV	27
	8.75		130014	VV	28
	9.00		72254	VE	29
TCMX	9.12	-0.00262	4612	EV	30
	9.32		25296	VV	31
	9.53		81129	VV	32
	9.61		58659	VV	33
	9.75		113561	VV	34
	9.93		126339	VV	35
	10.27		84624	VV	36
	10.41		84934	VV	37
	10.60		92253	VV	38
	10.85		78888	VV	39
	10.91		79577	VV	40
	11.05		73851	VV	41
	11.25		125609	VV	42
	11.35		47120	VV	43
	11.64		2554042	VB	44
	12.02		11173	BV	45
	12.17		122765	VV	46
	12.28		96948	VV	47
	12.44		145014	VV	48
	12.67		79644	VV	49
	12.83		166375	VV	50

Sample ID: 43070 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_031 Analysis Date: 26-APR-1996 14:31:15

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.30		216300	VV	51
	13.59		92750	VV	52
	13.88		209503	VV	53
	13.98		98236	VV	54
	14.17		2247733	VE	55
	14.37		182019	EV	56
	14.63		75573	VB	57
	14.81		15656	BV	58
	14.97		71761	VV	59
	15.09		145720	VV	60
	15.43		3358556	VE	61
	16.05		163351	EV	62
	16.16		59603	EV	63
	16.32		101462	EV	64
	16.50		105897	VV	65
	16.72		113900	VV	66
	16.84		37451	VV	67
	17.00		130675	VV	68
	17.30		122250	VV	69
	17.45		25961	VV	70
	17.63		56250	VV	71
	17.72		68467	VV	72
	17.80		83217	VV	73
AROCLOR-1254-2	17.94	-0.0578	39990	VV	74
	18.03		119492	VV	75
	18.32		159786	VV	76
	18.69		195711	VV	77
	18.94		132103	VV	78
	19.09		5886060	VE	79
	19.47		291065	EV	80
	19.74		97141	EV	81
	19.88		3546149	VE	82
	20.44		187436	EV	83
	20.55		113737	EV	84
	20.71		263106	EV	85
AROCLOR-1254-4	20.86	0.283	266582	EV	86
	21.06		1271633	VE	87
	21.56		191757	EV	88
	21.73		4468943	VE	89
AROCLOR-1254-5	22.04	-0.0219	45687	EV	90
	22.16		59606	EV	91
	22.36		96526	EV	92
	22.60		194150	VV	93
	22.68		144200	VV	94
	22.84		97657	VV	95
	23.05		189662	VV	96
	23.36		401998	VV	97
	23.75		62849	VV	98
	23.93		250153	VV	99
	24.29		48930	VV	100
	24.42		58554	VV	101

Sample ID: 43070 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_031 Analysis Date: 26-APR-1996 14:31:15

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	24.69		175543	VV	102
	24.93		150639	VV	103
	25.20		86757	VV	104
	25.49		81912	VV	105
	25.66		50344	VV	106
	25.74		58457	VV	107
	25.95		131128	VV	108
	26.14		108182	VV	109
	26.30		55249	VV	110
	26.71		146497	VV	111
	26.84		72780	VV	112
	27.06		136472	VV	113
	27.52		83351	VV	114
	27.72		43551	VV	115
	27.91		143083	VV	116
	28.27		52089	VV	117
	28.62		107479	VV	118
	29.14		242743	VV	119
	30.28		223333	VV	120
	30.67		38450	VV	121
	31.46		143411	VV	122
	31.75		93333	VV	123
	31.94		79243	VV	124
	32.13		121085	VV	125
	32.89		147602	VV	126
	33.35		109207	VB	127
	33.71		13434	BB	128
	33.97		12769	BV	129
	34.50		33824	VB	130
	35.26		14741	BV	131
	35.62		56262	VV	132
	35.91		43153	VV	133
	36.23		89686	VV	134
	36.99		143845	VB	135
	37.48		15449	BV	136
	37.69		14493	VB	137

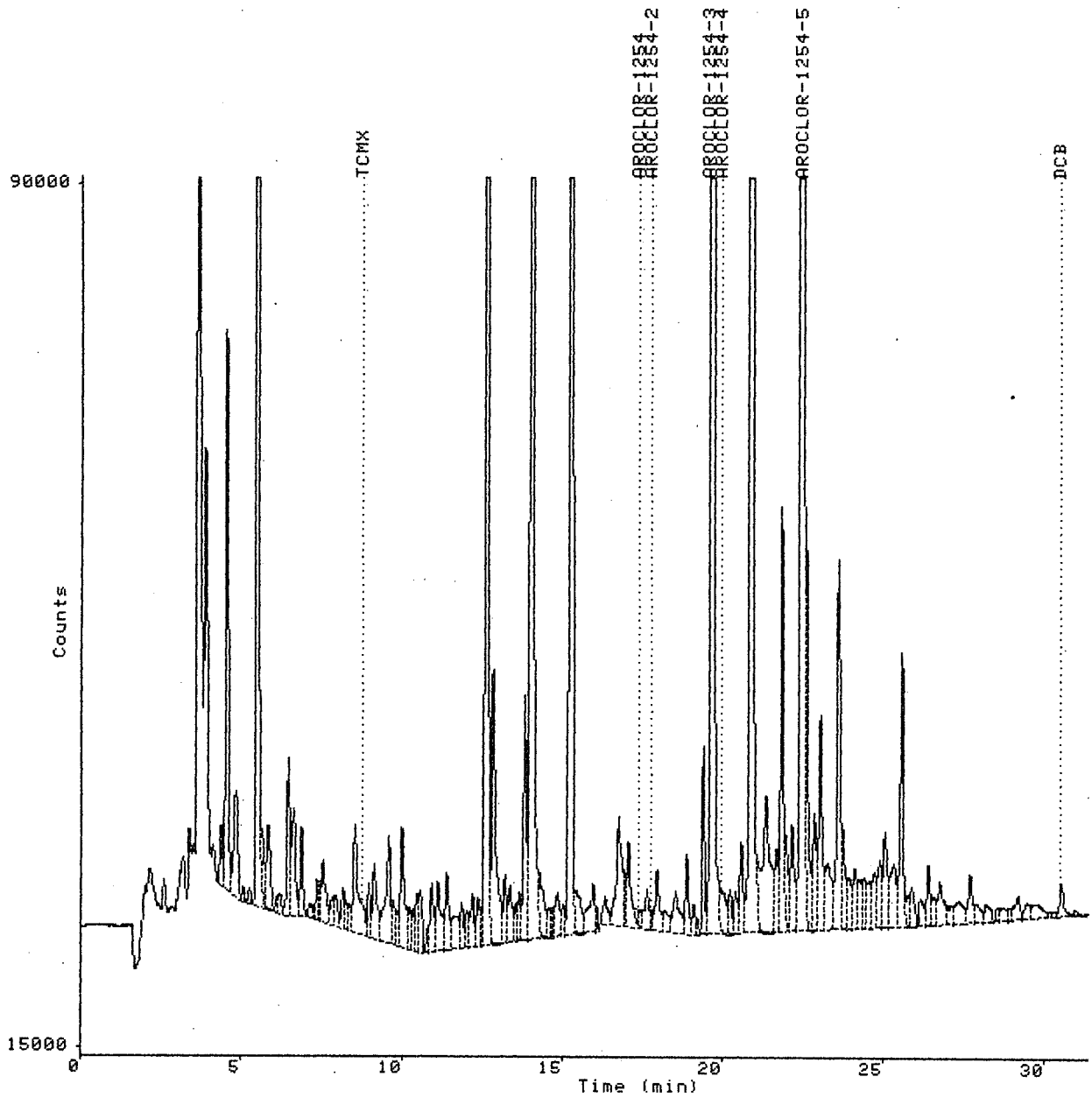
Average result...0.0406 UG/ML

Run Number..... 31 End of Report.

Run Number..... 32
Sample Name..... 43070 3210
Run Date..... 26-APR-1996 15:13:39
Raw File..... 6_0425_032
Method Name..... 6_1254_0425
Method Type..... Linear

STN3-PCB

58901B 30M 0.53mm RTX-35 2uL INJ



43070 3210

All < 3.33 mg/m³

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43070 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_032 Analysis Date: 26-APR-1996 15:13:39

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.38		29490	BV	1
	4.54		279402	VV	2
	4.84		85738	VB	3
	5.07		5634	BB	4
	5.28		7071	BB	5
	5.50		612698	BE	6
	5.65		34057	EV	7
	5.86		60897	EV	8
	6.16		7581	VV	9
	6.20		10603	VB	10
	6.47		74412	BV	11
	6.64		83769	VV	12
	6.88		43408	VB	13
	7.14		8354	BV	14
	7.27		4592	VV	15
	7.38		17435	VV	16
	7.43		13623	VV	17
	7.55		48560	VV	18
	7.83		14430	VV	19
	7.94		21831	VV	20
	8.18		24902	VV	21
	8.26		11486	VV	22
	8.35		12535	VV	23
	8.54		104932	VV	24
	8.98		28243	VV	25
	9.14		58980	VV	26
	9.58		90392	VV	27
	9.71		23877	VV	28
	9.81		20024	VV	29
	9.98		88881	VV	30
	10.21		22253	VV	31
	10.33		20076	VV	32
	10.46		29466	VV	33
	10.54		41213	VB	34
	10.83		12249	BV	35
	10.93		46102	VV	36
	11.12		63625	VV	37
	11.39		54126	VV	38
	11.67		45301	VV	39
	11.87		28158	VV	40
	12.03		25407	VV	41
	12.21		35376	VV	42
	12.38		30951	VV	43
	12.48		10184	VV	44
	12.61		3230815	VE	45
	12.82		211593	EV	46
	13.21		41199	VV	47
	13.37		49472	VV	48
	13.59		17911	VV	49
	13.68		24137	VV	50

Sample ID: 43070 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_032 Analysis Date: 26-APR-1996 15:13:39

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.83		131459	VV	51
	14.03		2908750	VE	52
	14.36		54550	EV	53
	14.60		15401	EV	54
	14.65		8871	EV	55
	14.75		13092	EV	56
	14.85		33985	VV	57
	15.04		20260	VV	58
	15.24		2655456	VE	59
	15.52		49171	EV	60
	15.97		57582	VV	61
	16.07		8607	VB	62
	16.34		22964	BV	63
	16.75		106583	VV	64
	16.94		21363	VV	65
	17.06		62709	VE	66
AROCLOR-1254	17.30	-0.0385	9246	EV	67
	17.44		9021	EV	68
	17.64		28689	VV	69
AROCLOR-1254-2	17.75	-0.0654	8134	VV	70
	17.94		43622	VV	71
	18.18		23297	VV	72
	18.51		49363	VV	73
	18.85		47526	VV	74
	19.08		17863	VV	75
	19.20		5491	VB	76
	19.36		78387	BV	77
AROCLOR-1254-3	19.61	8.21	6069741	VE	78
AROCLOR-1254-4	19.98	-0.0121	47096	EV	79
	20.19		28604	EV	80
	20.36		28653	EV	81
	20.53		59505	VV	82
	20.81		5257328	VE	83
	21.30		211385	EV	84
	21.64		51812	VV	85
	21.79		215417	VE	86
	21.92		50479	EV	87
	22.12		76070	VV	88
AROCLOR-1254-5	22.40	3.65	4569147	VE	89
	22.55		159066	EV	90
	22.81		85530	EV	91
	23.00		144285	VV	92
	23.23		79177	VV	93
	23.56		231618	VV	94
	23.70		67371	VV	95
	23.90		35967	VV	96
	24.09		45056	VV	97
	24.24		36019	VV	98
	24.38		36433	VV	99
	24.55		33803	VV	100
	24.70		44845	VV	101

Sample ID: 43070 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_032 Analysis Date: 26-APR-1996 15:13:39

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	24.88		55742	VV	102
	25.03		75050	VV	103
	25.31		69340	VV	104
	25.54		150015	VE	105
	25.73		17697	EV	106
	25.85		32456	EB	107
	26.13		25732	BV	108
	26.37		38166	VV	109
	26.53		21462	VV	110
	26.74		49958	VV	111
	27.10		19269	VV	112
	27.34		38948	VV	113
	27.67		38374	VV	114
	27.86		23821	VV	115
	28.23		21553	VB	116
	28.53		9627	BV	117
	28.70		15672	VV	118
	28.90		9135	VV	119
	29.16		25497	VV	120
	29.45		20355	VV	121
	29.72		30117	VV	122
	30.16		3334	VV	123
	30.28		6175	VV	124
DCB	30.53	0.00144	27693	VE	125
	30.96		4381	EB	126
	31.90		3427	BV	127
	32.88		2898	BB	128

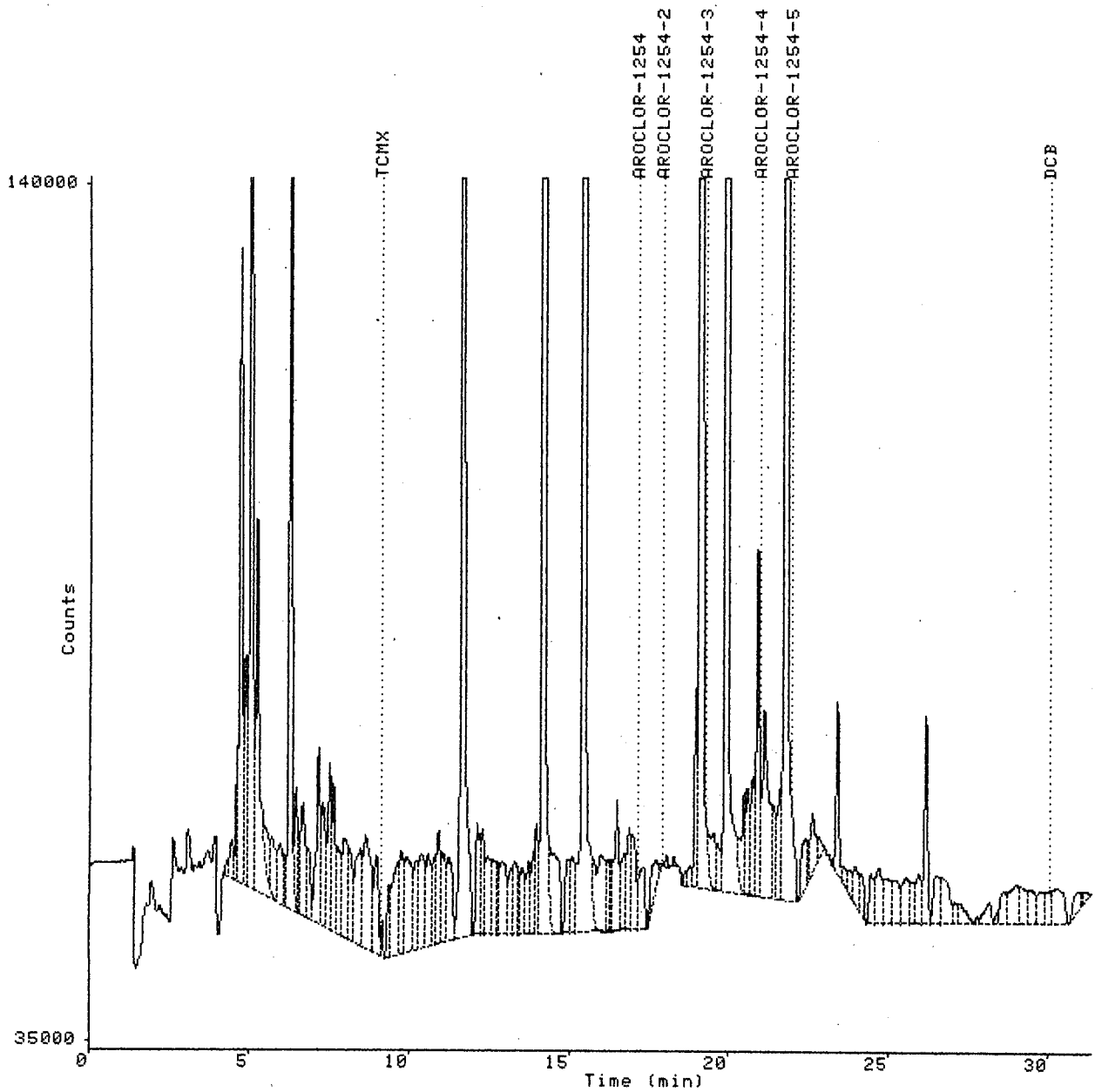
Average result...2.35 UG/ML

Run Number..... 32 End of Report.

Run Number..... 32
Sample Name..... 43070 3210
Run Date..... 26-APR-1996 15:13:39
Raw File..... 5_0425_032
Method Name..... 5_1254_0425
Method Type..... Linear

STN3-PCB

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43070 3210

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43070 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_032 Analysis Date: 26-APR-1996 15:13:39

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.33		10085	BV	1
	4.45		36933	VV	2
	4.63		85673	VV	3
	4.73		489384	VV	4
	4.88		153300	VV	5
	5.04		723247	VV	6
	5.24		428549	VE	7
	5.52		56941	EV	8
	5.71		84305	EV	9
	5.98		77011	VV	10
	6.11		31031	VV	11
	6.27		706362	VE	12
	6.46		91968	EV	13
	6.59		40342	EV	14
	6.68		138730	VV	15
	6.86		50000	VV	16
	7.16		176219	VV	17
	7.30		143863	VV	18
	7.52		143716	VV	19
	7.63		121862	VV	20
	7.74		105628	VV	21
	8.01		153767	VV	22
	8.15		92801	VV	23
	8.44		180061	VV	24
	8.67		230380	VV	25
	8.99		110260	VV	26
TCMX	9.17	-0.00215	16710	VB	27
	9.40		64729	BV	28
	9.66		142492	VV	29
	9.76		131364	VV	30
	10.00		178437	VV	31
	10.27		106608	VV	32
	10.40		140654	VV	33
	10.60		126493	VV	34
	10.83		80564	VV	35
	10.92		111845	VV	36
	11.06		97234	VV	37
	11.23		124507	VV	38
	11.64		3507761	VB	39
	12.14		112628	BV	40
	12.29		104862	VV	41
	12.44		110544	VV	42
	12.62		77824	VV	43
	12.75		46500	VV	44
	12.90		120925	VV	45
	13.18		61458	VV	46
	13.29		85597	VV	47
	13.38		40625	VV	48
	13.53		74089	VV	49
	13.73		79847	VV	50

Sample ID: 43070 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_032 Analysis Date: 26-APR-1996 15:13:39

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.88		62852	VV	51
	13.98		97033	VV	52
	14.18		3037670	VE	53
	14.48		191996	EB	54
	14.96		91995	BV	55
	15.09		93282	VV	56
	15.43		4405619	VE	57
	16.00		195262	EV	58
	16.17		71219	EV	59
	16.33		36637	EV	60
	16.49		158089	EV	61
	16.74		96560	VV	62
	16.87		100455	VV	63
	16.97		117622	VV	64
AROCLOR-1254	17.28	-0.00443	98658	VB	65
	17.70		66349	BV	66
	17.81		3802	VB	67
AROCLOR-1254-2	18.03	-0.0827	5451	BB	68
	18.27		5523	BB	69
	18.62		10472	BV	70
	18.77		21301	VV	71
	18.94		112568	VV	72
	19.10		6652282	VE	73
	19.51		83540	EV	74
	19.61		47593	EV	75
	19.88		5267964	VE	76
	20.44		111786	EV	77
	20.55		95065	EV	78
	20.72		108610	EV	79
AROCLOR-1254-4	20.87	0.324	298771	EV	80
	21.08		303427	VV	81
	21.35		95506	VV	82
	21.58		104477	VV	83
	21.73		5493285	VB	84
	22.36		81942	BV	85
	22.47		14983	VV	86
	22.59		74155	VV	87
	22.78		18225	VB	88
	23.36		120380	BE	89
	23.56		19443	EV	90
	23.72		26890	EV	91
	23.93		59117	VV	92
	24.09		45028	VB	93
	24.42		63849	BV	94
	24.67		108416	VV	95
	24.91		94926	VV	96
	25.24		70607	VV	97
	25.52		88188	VV	98
	25.74		54716	VV	99
	25.93		72282	VV	100
	26.14		172754	VV	101

Sample ID: 43070 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_032 Analysis Date: 26-APR-1996 15:13:39

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	26.50		89848	VV	102
	26.78		102778	VV	103
	27.05		23761	VV	104
	27.20		44017	VV	105
	27.75		6519	VV	106
	28.12		40841	VV	107
	28.35		7593	VV	108
	28.60		50455	VV	109
	28.96		105353	VV	110
	29.10		68256	VV	111
	29.38		60843	VV	112
	29.75		65998	VV	113
DCB	30.09	-4.44E-04	50246	VV	114
	30.34		103558	VB	115
	30.92		36766	BV	116
	31.06		7488	VV	117
	31.15		7216	VB	118
	31.70		3392	BV	119
	31.74		5073	VV	120
	31.95		39937	VV	121
	32.28		74178	VV	122
	32.74		89498	VV	123
	33.33		259542	VV	124
	33.99		196727	VB	125
	34.54		161284	BE	126
	36.02		63144	EB	127
	37.46		9139	BB	128

Average result...0.0474 UG/ML

Run Number..... 32 End of Report.

TEST CODE :APCB 1 JOB NUMBER :9600.789
ELAP ID : 10486

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : ROY F. WESTON
TEST NAME : TO-10 PCB IN AIR UNITS : UG/M3
SAMPLE ID LAB : EE-96-43071 MATRIX: AIR
SAMPLE ID CLIENT: STN4-PCB

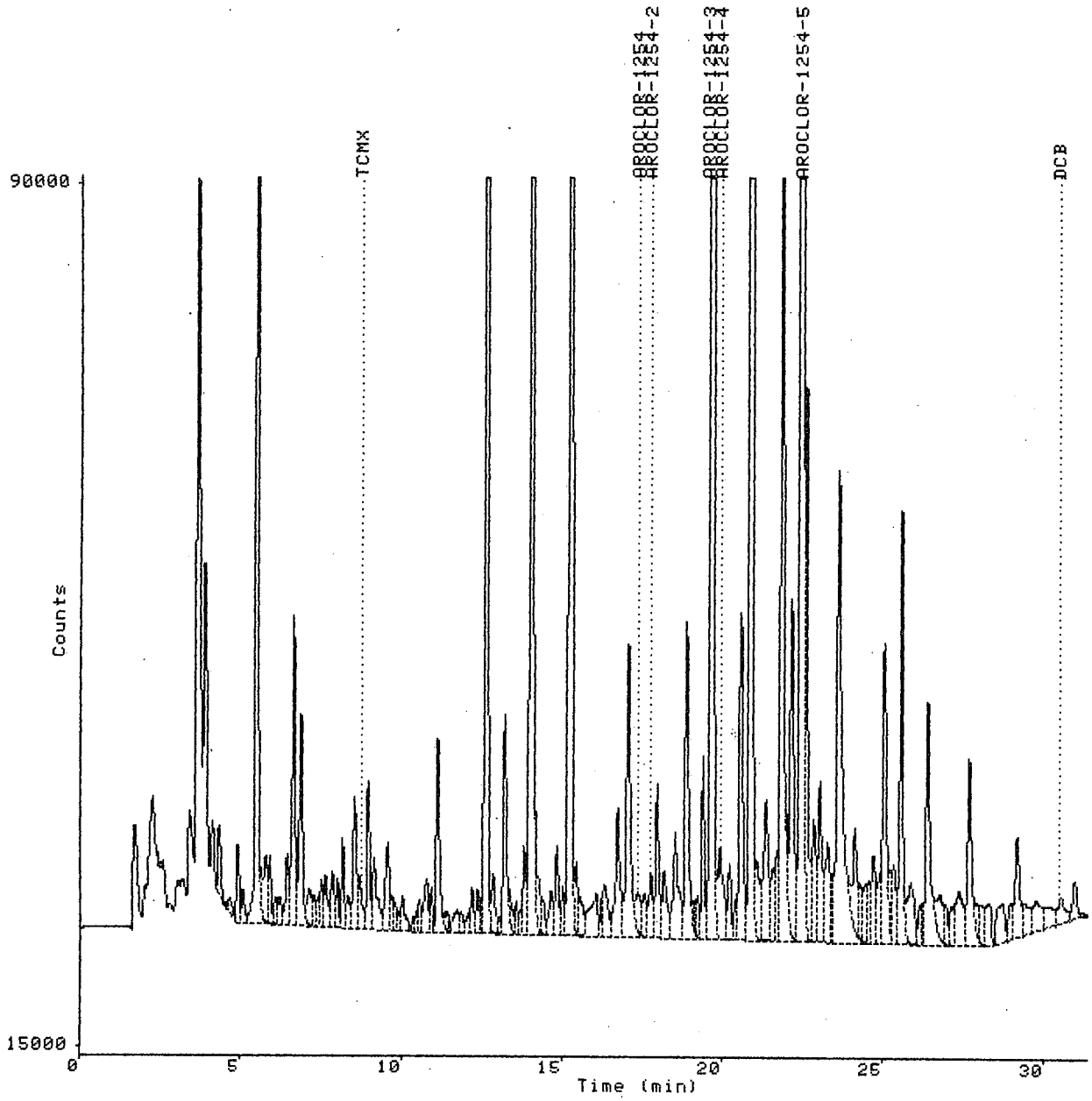
PARAMETER	RESULTS	Q	QNT. LIMIT
PCB-1242	ND		3.3
PCB-1254	ND		3.3
PCB-1221	ND		3.3
PCB-1232	ND		3.3
PCB-1248	ND		3.3
PCB-1260	ND		3.3
PCB-1016	ND		3.3

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
N = ANALYTE WAS NOT CONFIRMED BY ALTERNATE PROCEDURE

Run Number..... 33
Sample Name..... 43071 3200
Run Date..... 26-APR-1996 15:56:02
Raw File..... 6_0425_033
Method Name..... 6_1254_0425
Method Type..... Linear

STN4-PCB

58901B 30M 0.53mm RTX-35 2uL INJ



43071 3200

All < 3.33 ng/m³

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43071 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_033 Analysis Date: 26-APR-1996 15:56:02

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.34		36960	BB	1
	4.68		12339	VB	2
	4.93		42967	BV	3
	5.09		18088	VV	4
	5.50		487787	VE	5
	5.80		58821	EV	6
	5.92		32007	EV	7
	6.11		17113	EV	8
	6.24		15988	VV	9
	6.47		40715	VV	10
	6.65		170947	VV	11
	6.88		131428	VE	12
	7.14		28798	EV	13
	7.28		15659	VV	14
	7.44		16152	VV	15
	7.52		22604	VV	16
	7.64		32977	VV	17
	7.85		37563	VV	18
	8.01		21112	VV	19
	8.18		42289	VV	20
	8.35		20164	VV	21
	8.55		84250	VV	22
TCMX	8.67	-4.87E-04	35717	VV	23
	8.97		83224	VV	24
	9.14		60367	VV	25
	9.57		66678	VV	26
	9.70		17502	VV	27
	9.80		11953	VV	28
	9.94		7197	VV	29
	10.03		26126	VB	30
	10.36		6367	BV	31
	10.48		8143	VV	32
	10.56		19117	VV	33
	10.78		42153	VV	34
	10.93		21075	VV	35
	11.12		124393	VE	36
	11.41		13451	EV	37
	11.69		22445	VV	38
	11.86		12985	VV	39
	12.10		11885	VV	40
	12.21		26115	VV	41
	12.38		22512	VV	42
	12.50		11328	VV	43
	12.62		2739055	VE	44
	12.86		42647	EV	45
	13.04		7170	EV	46
	13.21		147449	VE	47
	13.37		18745	EV	48
	13.60		16859	VV	49
	13.72		9307	VV	50

Sample ID: 43071 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_033 Analysis Date: 26-APR-1996 15:56:02

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.84		50504	VV	51
	14.03		2577695	VE	52
	14.27		42982	EV	53
	14.42		17926	EV	54
	14.68		34319	VV	55
	14.84		56148	VV	56
	15.03		23551	VV	57
	15.24		2245539	VE	58
	15.44		40894	EV	59
	15.54		28753	EV	60
	16.08		67876	VV	61
	16.27		18160	VV	62
	16.34		44141	VV	63
	16.75		107635	VV	64
	17.06		227890	VE	65
AROCLOR-1254	17.37	0.0349	40241	EV	66
	17.57		33909	EV	67
AROCLOR-1254-2	17.76	-0.0191	42867	VV	68
	17.95		93569	VV	69
	18.16		55575	VV	70
	18.51		108192	VV	71
	18.84		224309	VE	72
	19.08		10718	EV	73
	19.16		10404	EV	74
	19.21		19689	EV	75
	19.37		83918	VV	76
AROCLOR-1254-3	19.62	7.14	5284612	VE	77
AROCLOR-1254-4	19.90	0.0231	102497	EV	78
	20.19		43214	EV	79
	20.38		20938	VV	80
	20.53		227980	VV	81
	20.82		3671673	VE	82
	21.03		62612	EV	83
	21.32		135903	EV	84
	21.54		48348	VV	85
	21.66		47457	VV	86
	21.80		820844	VE	87
	22.11		256394	EV	88
AROCLOR-1254-5	22.41	3.04	3816692	VE	89
	22.56		232276	EV	90
	22.82		97184	VV	91
	23.00		110832	VV	92
	23.25		94163	VV	93
	23.38		27624	VV	94
	23.58		486683	VE	95
	24.10		89054	EV	96
	24.26		33267	EV	97
	24.45		42596	EV	98
	24.56		33834	VV	99
	24.69		67881	VV	100
	24.88		39789	VV	101

Sample ID: 43071 3200 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_033 Analysis Date: 26-APR-1996 15:56:02

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	25.02		223777	VE	102
	25.22		29180	EV	103
	25.32		54057	VV	104
	25.55		224433	VE	105
	25.85		79865	EV	106
	26.14		22958	VV	107
	26.24		18206	VV	108
	26.37		204329	VE	109
	26.74		48673	EV	110
	26.93		28930	EV	111
	27.13		28825	VV	112
	27.34		81586	VV	113
	27.67		155557	VE	114
	27.90		20913	EV	115
	28.05		33479	EV	116
	28.28		45714	VB	117
	28.67		62537	BV	118
	28.95		26078	VV	119
	29.16		96794	VV	120
	29.40		40370	VV	121
	29.76		54619	VV	122
	30.13		41540	VV	123
DCB	30.54	0.00198	39713	VV	124
	30.96		34144	VE	125
	31.18		2748	EV	126
	31.90		6217	VV	127
	32.89		5383	VV	128
	33.21		11134	VE	129

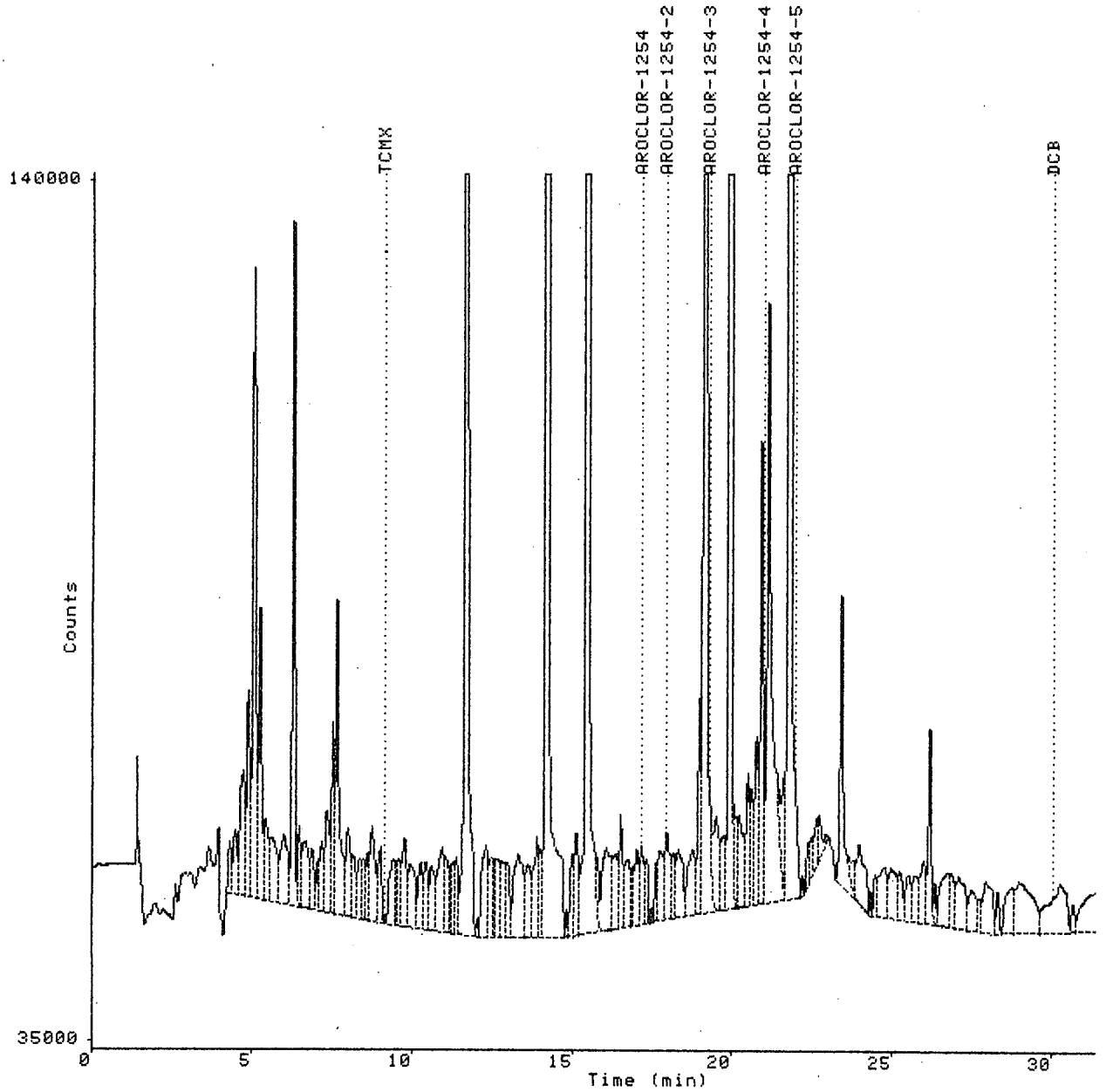
Average result...2.05 UG/ML

Run Number..... 33 End of Report.

Run Number..... 33
Sample Name..... 43071 3200
Run Date..... 26-APR-1996 15:56:10
Raw File..... 5_0425_033
Method Name..... 5_1254_0425
Method Type..... Linear

STN4-PCB

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43071 3200

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43071 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_033 Analysis Date: 26-APR-1996 15:56:10

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.30		40803	BV	1
	4.46		64971	VV	2
	4.70		186806	VV	3
	4.88		162187	VV	4
	5.05		534221	VV	5
	5.25		252908	VV	6
	5.43		98908	VV	7
	5.62		114247	VV	8
	6.00		135577	VV	9
	6.28		449449	VE	10
	6.46		57106	EV	11
	6.66		118854	EV	12
	6.88		59049	VV	13
	7.07		39487	VV	14
	7.17		61474	VV	15
	7.34		123040	VV	16
	7.52		138415	VV	17
	7.64		303095	VV	18
	8.00		115458	VV	19
	8.17		58944	VV	20
	8.38		64632	VV	21
	8.49		56552	VV	22
	8.64		52121	VV	23
	8.76		119461	VV	24
	9.01		71918	VE	25
	9.43		101699	BV	26
	9.54		34330	VV	27
	9.59		50485	VV	28
	9.75		102844	VV	29
	9.94		119920	VV	30
	10.26		74230	VV	31
	10.42		79225	VV	32
	10.60		90235	VV	33
	10.93		141459	VV	34
	11.05		63932	VV	35
	11.18		33493	VV	36
	11.26		53647	VV	37
	11.37		68948	VV	38
	11.64		3067380	VB	39
	12.02		7550	BV	40
	12.25		150060	VV	41
	12.46		75993	VV	42
	12.53		44390	VV	43
	12.64		89045	VV	44
	12.77		86103	VV	45
	12.94		63928	VV	46
	13.30		218200	VV	47
	13.61		103608	VV	48
	13.89		141736	VV	49
	13.99		57850	VV	50

Sample ID: 43071 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_033 Analysis Date: 26-APR-1996 15:56:10

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	14.18		3005793	VB	51
	14.82		14989	BV	52
	14.98		78079	VV	53
	15.10		115474	VV	54
	15.44		4051689	VE	55
	16.07		240290	EV	56
	16.33		93316	EV	57
	16.50		117365	VV	58
	16.72		94565	VV	59
	16.85		35444	VV	60
	17.00		86629	VV	61
AROCLOR-1254	17.14	-0.0221	80972	VV	62
	17.30		52754	VB	63
	17.45		6324	BB	64
	17.63		41045	BV	65
	17.73		96435	VV	66
AROCLOR-1254-2	17.93	0.00617	128687	VV	67
	18.13		54533	VV	68
	18.33		116314	VV	69
	18.75		132294	VV	70
	18.94		149794	VV	71
	19.10		6037899	VE	72
	19.47		155114	EV	73
	19.74		89294	EV	74
	19.89		3241092	VE	75
	20.08		73983	EV	76
	20.18		126449	EV	77
	20.45		126541	VV	78
	20.56		95033	VV	79
	20.72		155292	VV	80
AROCLOR-1254-4	20.87	0.392	351910	VV	81
	21.08		837003	VE	82
	21.59		115874	EV	83
	21.73		5025943	VB	84
	22.16		8908	BB	85
	22.35		38571	BV	86
	22.49		35154	VV	87
	22.60		39606	VV	88
	22.68		38092	VE	89
	22.89		4100	EB	90
	23.37		262431	BE	91
	23.74		38064	EV	92
	23.93		126470	EB	93
	24.29		11445	BV	94
	24.43		34235	VV	95
	24.72		112184	VV	96
	24.93		94449	VV	97
	25.22		61510	VV	98
	25.48		63110	VV	99
	25.69		70783	VV	100
	25.95		91038	VV	101

Sample ID: 43071 3200 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_033 Analysis Date: 26-APR-1996 15:56:10

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	26.14		152317	VE	102
	26.30		25643	EV	103
	26.61		134071	EV	104
	26.82		61930	VV	105
	27.06		118982	VV	106
	27.47		85791	VV	107
	27.71		22982	VV	108
	27.98		124090	VV	109
	28.28		35127	VB	110
	28.75		108350	BV	111
	29.17		245721	VV	112
	30.30		241540	VV	113
	30.67		28757	VV	114
	31.44		334368	VV	115
	32.21		184517	VV	116
	32.90		188422	VV	117
	33.37		123327	VE	118
	33.73		10157	EV	119
	33.98		35107	VV	120
	34.48		258039	VV	121
	35.66		199053	VV	122
	35.91		88840	VV	123
	36.25		120912	VV	124
	36.97		171448	VV	125
	37.48		16691	VE	126

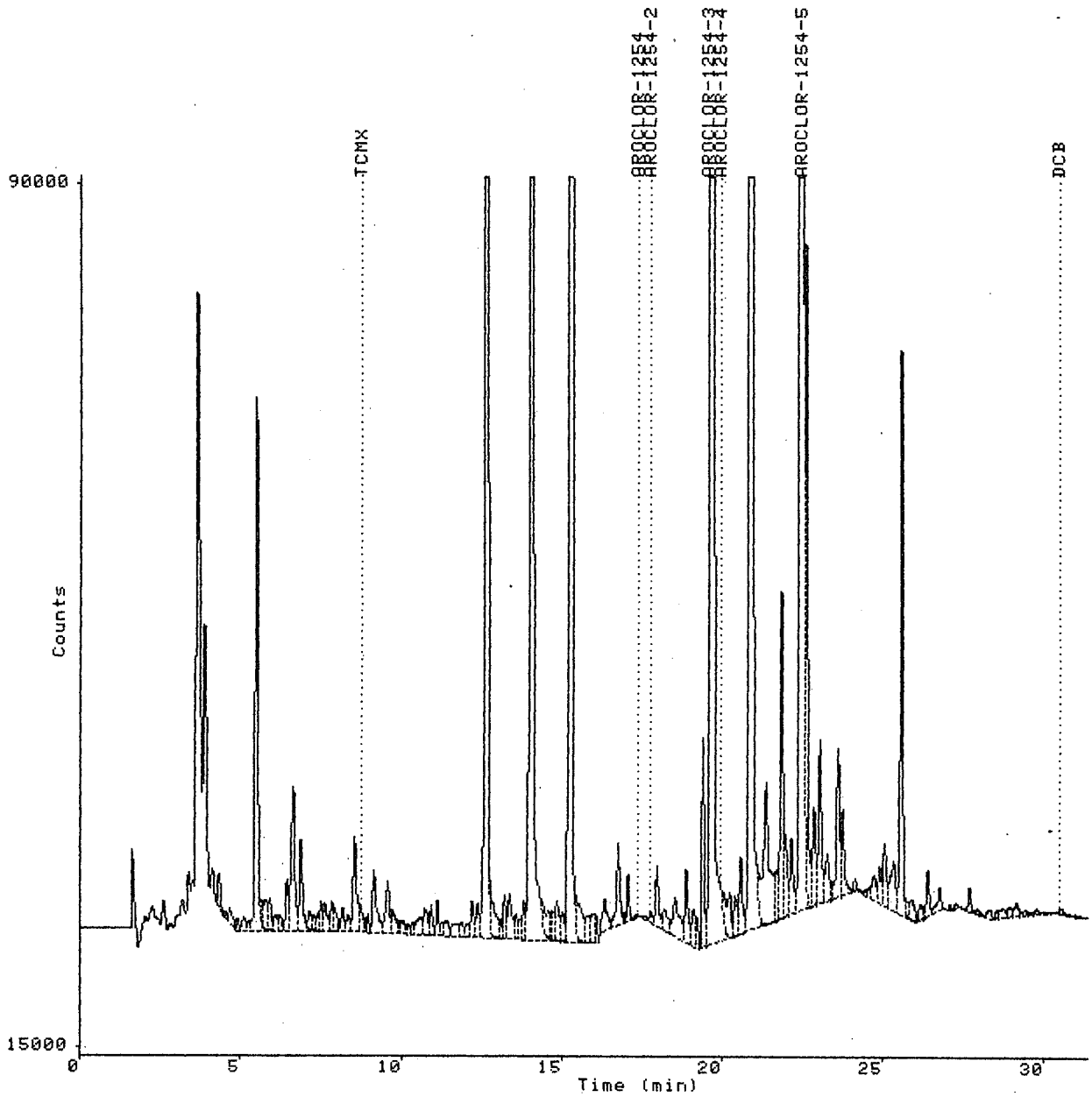
Average result...0.0753 UG/ML

Run Number..... 33 End of Report.

Run Number..... 34
Sample Name..... 43071 3210
Run Date..... 26-APR-1996 16:38:26
Raw File..... 6_0425_034
Method Name..... 6_1254_0425
Method Type..... Linear

STN4-PCB

58901B 30M 0.53mm RTX-35 2uL INJ



43071 3210

All PCB's < 3.33 ng/m³

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43071 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_034 Analysis Date: 26-APR-1996 16:38:26

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.34		18120	BB	1
	4.69		10809	VB	2
	4.93		4206	BV	3
	5.11		8520	VV	4
	5.29		4146	VV	5
	5.51		257882	VE	6
	5.68		10663	EV	7
	5.81		19937	EV	8
	5.93		15829	EV	9
	6.12		10247	VV	10
	6.25		8910	VV	11
	6.47		25552	VV	12
	6.65		102795	VV	13
	6.89		51697	VE	14
	7.15		10936	EV	15
	7.28		8150	EV	16
	7.44		8914	VV	17
	7.52		13982	VV	18
	7.64		17215	VV	19
	7.85		16849	VV	20
	7.93		12703	VV	21
	8.19		13667	VV	22
	8.36		10637	VV	23
	8.55		60685	VV	24
TCMX	8.72	-0.00143	17697	VB	25
	8.97		6745	BV	26
	9.15		46960	VV	27
	9.58		33798	VV	28
	9.72		18665	VV	29
	9.93		5613	VV	30
	10.03		7596	VV	31
	10.14		3254	VV	32
	10.22		3729	VV	33
	10.35		6308	VV	34
	10.57		17721	VV	35
	10.74		21214	VV	36
	10.93		15847	VV	37
	11.13		15929	VV	38
	11.26		5077	VV	39
	11.41		14301	VV	40
	11.70		15927	VV	41
	11.89		8771	VV	42
	12.10		8110	VV	43
	12.22		20815	VV	44
	12.39		19137	VV	45
	12.62		3445943	VE	46
	12.86		37593	EV	47
	13.10		9500	EV	48
	13.22		22852	VV	49
	13.38		34949	VV	50

Sample ID: 43071 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_034 Analysis Date: 26-APR-1996 16:38:26

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.60		15163	VV	51
	13.71		8133	VV	52
	13.84		22165	VV	53
	14.04		2961065	VE	54
	14.59		27987	EV	55
	14.68		12240	EV	56
	14.75		9687	EV	57
	14.86		29364	EV	58
	15.04		18843	EV	59
	15.25		2849220	VE	60
	15.55		43888	EV	61
	15.81		24275	EV	62
	16.00		21575	VV	63
	16.07		12102	VB	64
	16.35		29618	BV	65
	16.76		55539	VE	66
	17.07		19126	VE	67
AROCLOR-1254-2	17.77	-0.0683	5978	VV	68
	17.96		31431	VV	69
	18.18		20417	VV	70
	18.51		47186	VV	71
	18.85		44034	VV	72
	19.09		27255	VV	73
	19.20		10002	VB	74
	19.37		90655	BV	75
AROCLOR-1254-3	19.62	8.29	6131293	VE	76
	20.20		47505	EV	77
	20.37		27089	EV	78
	20.54		46255	EV	79
	20.82		5005923	VE	80
	21.32		170914	EV	81
	21.65		31155	EV	82
	21.80		161424	VV	83
	21.92		44987	VV	84
	22.12		47568	VV	85
AROCLOR-1254-5	22.41	3.72	4655160	VE	86
	22.56		245641	EV	87
	22.82		64908	VV	88
	23.01		95997	VV	89
	23.24		35445	VV	90
	23.38		6696	VV	91
	23.57		88562	VV	92
	23.71		51502	VV	93
	24.12		6718	VB	94
	24.49		3060	BV	95
	24.58		3735	VV	96
	24.71		18385	VV	97
	24.90		21432	VV	98
	25.03		38386	VV	99
	25.32		46337	VV	100
	25.55		239662	VE	101

Sample ID: 43071 3210 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_034 Analysis Date: 26-APR-1996 16:38:26

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	25.75		8643	EV	102
	25.86		19256	EB	103
	26.15		10400	BV	104
	26.27		5185	VV	105
	26.38		24980	VV	106
	26.75		21046	VB	107
	27.68		10437	BE	108
	27.93		3970	EV	109
	28.29		7291	VB	110
	28.54		6014	BV	111
	28.73		10682	VV	112
	28.91		9482	VV	113
	29.16		11432	VV	114
	29.41		4035	VV	115
	29.56		2896	VV	116
	29.77		6611	VV	117
DCB	30.54	3.59E-04	3768	BE	118

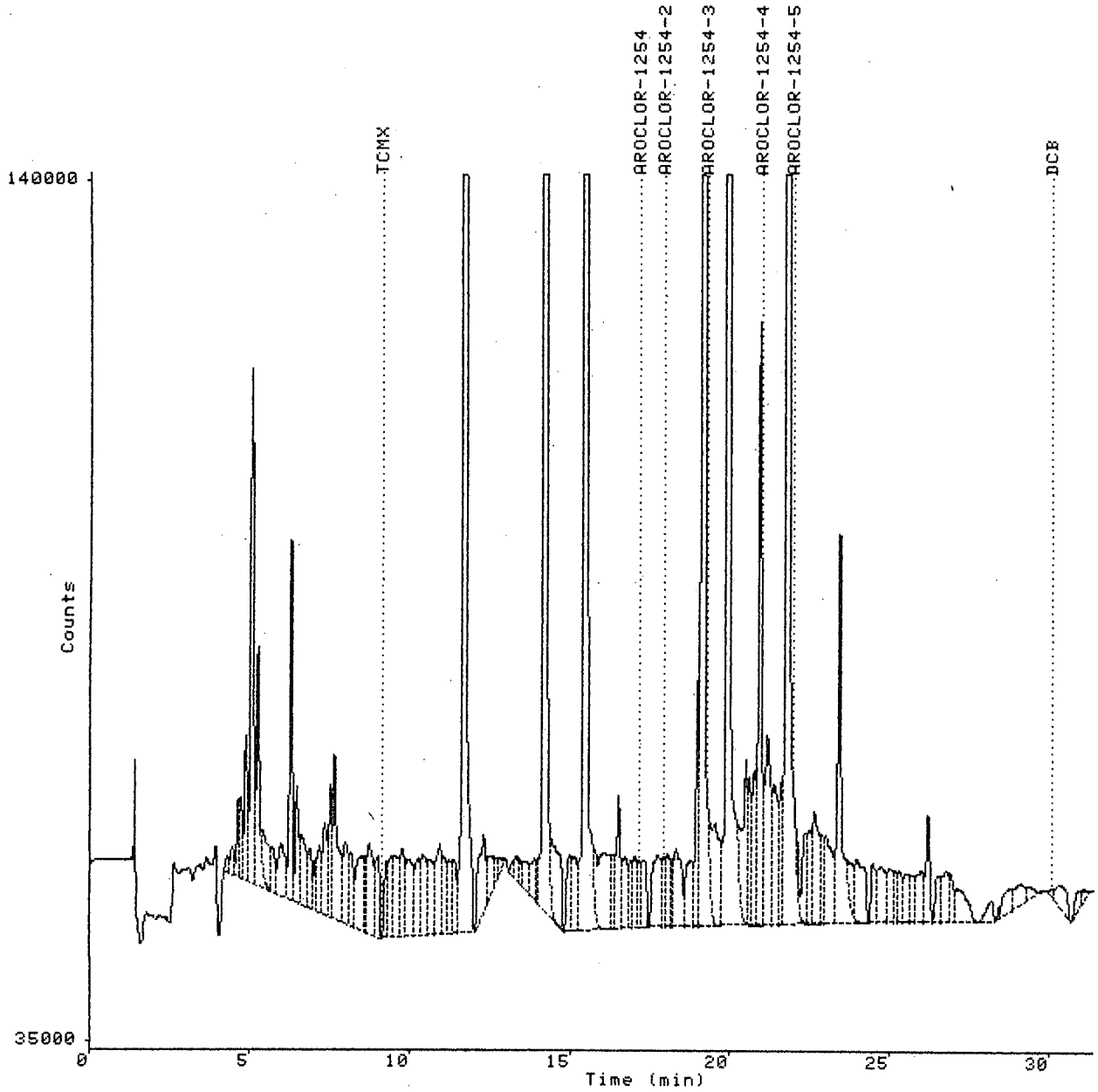
Average result...2.38 UG/ML

Run Number..... 34 End of Report.

Run Number..... 34
Sample Name..... 43071 3210
Run Date..... 26-APR-1996 16:38:26
Raw File..... 5_0425_034
Method Name..... 5_1254_0425
Method Type..... Linear

STN4-PCB

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43071 3210

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43071 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_034 Analysis Date: 26-APR-1996 16:38:26

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.30		12873	BV	1
	4.46		25139	VV	2
	4.66		50130	VV	3
	4.72		66128	VV	4
	4.89		108557	VV	5
	5.06		423310	VV	6
	5.25		222003	VE	7
	5.42		87756	EV	8
	5.70		43111	VV	9
	6.00		97036	VV	10
	6.28		240230	VV	11
	6.46		102191	VV	12
	6.61		116613	VV	13
	6.88		57115	VV	14
	7.08		40428	VV	15
	7.17		59404	VV	16
	7.34		110064	VV	17
	7.52		105969	VV	18
	7.64		215015	VV	19
	8.01		114802	VV	20
	8.17		76302	VV	21
	8.51		140908	VV	22
	8.64		48484	VV	23
	8.75		140942	VV	24
	9.01		85551	VB	25
	9.29		77773	BV	26
	9.45		92081	VV	27
	9.53		101648	VV	28
	9.76		119289	VV	29
	9.96		151712	VV	30
	10.27		100354	VV	31
	10.42		115109	VV	32
	10.61		115525	VV	33
	10.93		155889	VV	34
	11.06		68233	VV	35
	11.21		82490	VV	36
	11.37		81325	VV	37
	11.65		3798891	VB	38
	12.24		143425	BV	39
	12.47		58403	VV	40
	12.64		22939	VV	41
	12.77		13429	VE	42
	13.21		12898	BV	43
	13.30		22473	VV	44
	13.40		20606	VV	45
	13.64		50340	VV	46
	13.89		54898	VV	47
	13.99		24196	VV	48
	14.19		3134657	VE	49
	14.60		190693	EB	50

Sample ID: 43071 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_034 Analysis Date: 26-APR-1996 16:38:26

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	14.97		101838	BV	51
	15.11		91445	VV	52
	15.44		4615429	VE	53
	16.07		264220	EV	54
	16.37		70298	EV	55
	16.50		148463	VV	56
	16.71		96780	VV	57
	16.88		53092	VV	58
	17.01		89071	VV	59
AROCLOR-1254	17.15	-0.0476	55344	VV	60
	17.32		84080	VB	61
	17.70		171333	BV	62
AROCLOR-1254-2	17.93	-0.0423	61499	VV	63
	18.04		76861	VV	64
	18.16		28571	VV	65
	18.36		165102	VV	66
	18.77		127871	VV	67
	18.95		166900	VV	68
	19.11		6799353	VE	69
	19.51		236564	EV	70
	19.89		5148574	VE	71
	20.45		215239	EV	72
	20.56		125688	EV	73
	20.73		143263	EV	74
AROCLOR-1254-4	20.88	0.625	533241	EV	75
	21.14		327518	VV	76
	21.36		187837	VV	77
	21.60		120137	VV	78
	21.74		5623361	VE	79
	22.32		118494	EV	80
	22.45		103090	EV	81
	22.60		213974	EV	82
	22.84		76927	VV	83
	22.97		168052	VV	84
	23.37		433872	VE	85
	23.77		60044	EV	86
	24.03		162993	EB	87
	24.42		84153	BV	88
	24.70		123336	VV	89
	24.98		79921	VV	90
	25.10		47877	VV	91
	25.26		62094	VV	92
	25.50		82092	VV	93
	25.66		45715	VV	94
	25.95		109350	VV	95
	26.15		103753	VV	96
	26.52		76886	VV	97
	26.73		79492	VV	98
	26.85		54293	VV	99
	27.25		106943	VB	100
	28.13		36669	BB	101

Sample ID: 43071 3210 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_034 Analysis Date: 26-APR-1996 16:38:26

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	28.38		6094	BV	102
	28.61		56076	VV	103
	29.08		66687	VV	104
	29.38		23999	VE	105
DCB	30.10	-0.00244	9264	BV	106
	30.28		67316	VB	107
	30.91		25793	BV	108
	31.05		12820	VB	109
	31.76		10920	VV	110
	32.19		29042	VV	111
	32.48		33873	VV	112
	32.82		39951	VV	113
	33.14		44888	VV	114
	33.37		83132	VB	115
	34.01		47736	BV	116
	34.30		151145	VB	117
	35.89		54898	BB	118
	36.93		4840	VV	119
	37.10		25872	VV	120
	37.45		22635	VB	121

Average result...0.107 UG/ML

Run Number..... 34 End of Report.

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR PCB IN AIR SAMPLES

9600.789

(ug/tube)

Parameter	E & E Laboratory No. 96-43059	Original Value	Amount Added	Amount Determined	Percent Recovery
PCB-1242	Back	ND	2.0	1.87	93.5

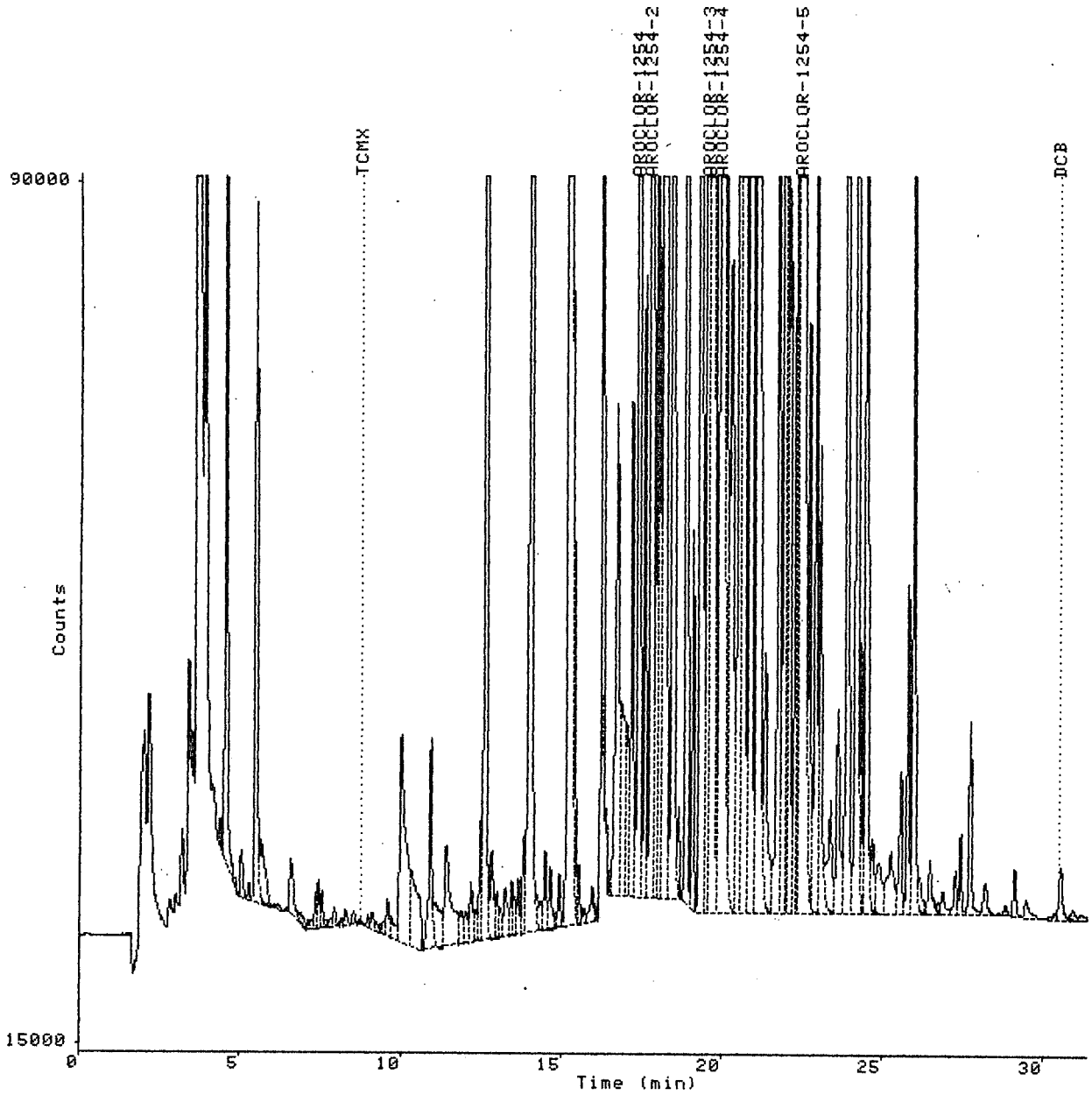
THIS RECOVERY IS WITHIN E & E, INC. QC TARGETS.

ND = NOT DETECTED

Run Number..... 7
Sample Name..... 43059 3290
Run Date..... 25-APR-1996 21:32:01
Raw File..... 6_0425_007
Method Name..... 6_1254_0425
Method Type..... Linear

ANAL-PCB-A

58901B 30M 0.53mm RTX-35 2uL INJ



43059 3290

Spiked Tube

Spike amt = 20 mg/ml x 0.1 ml/Tube = 2.0 mg/Tube

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43059 3290 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_007 Analysis Date: 25-APR-1996 21:32:01

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.38		9818	BB	1
	4.53		329383	BE	2
	4.86		5208	EB	3
	5.05		23293	BB	4
	5.30		7157	BV	5
	5.49		306146	VE	6
	5.66		57524	EB	7
	6.60		43010	BE	8
	6.95		9456	EB	9
	7.16		3357	BV	10
	7.26		5042	VV	11
	7.37		13506	VV	12
	7.44		21097	VV	13
	7.55		17116	VE	14
	7.68		3100	EV	15
	7.84		4854	VV	16
	7.95		10550	VV	17
	8.19		4092	VV	18
	8.30		8987	VV	19
	8.55		8062	VV	20
TCMX DMR 4/25	8.74	-0.00219	3044	VB	21
	8.99		4919	BV	22
	9.13		8735	VV	23
	9.22		5081	VV	24
	9.41		3656	VV	25
	9.48		5424	VV	26
	9.59		18602	VV	27
	9.70		18317	VV	28
	10.00		234733	VV	29
	10.46		107281	VB	30
	10.92		118605	BE	31
	11.06		56014	EV	32
	11.42		136272	VV	33
	11.89		20724	VV	34
	12.04		20818	VV	35
	12.20		36190	VV	36
	12.33		17114	VV	37
	12.49		53628	VV	38
	12.61		1824267	VE	39
	12.82		59640	EV	40
	12.99		25579	EV	41
	13.11		15902	VV	42
	13.26		36110	VV	43
	13.47		27414	VV	44
	13.56		17254	VV	45
	13.68		25486	VV	46
	13.83		41773	VV	47
	14.03		1837456	VE	48
	14.38		23441	EV	49
	14.50		38807	EV	50

Sample ID: 43059 3290 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_007 Analysis Date: 25-APR-1996 21:32:01

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	14.66		33978	EV	51
	14.84		5599	VV	52
	14.94		25570	VV	53
	15.23		3080702	VE	54
	15.38		152183	EV	55
	15.54		24373	EV	56
	15.70		8010	VV	57
	15.97		24897	VV	58
	16.07		6073	VB	59
	16.25		398317	BB	60
	16.38		7735	BB	61
	16.51		6761	BV	62
	16.72		307972	VV	63
	16.83		182335	VV	64
	17.02		71876	VV	65
	17.17		220762	VV	66
AROCLOR-1254	17.37	1.96	853515	VV	67
	17.56		259514	VV	68
AROCLOR-1254-2	17.75	1.94	1510651	VV	69
	17.92		451537	VV	70
	18.03		232235	VV	71
	18.15		1984569	VV	72
	18.39		943311	VE	73
	18.61		28994	EB	74
	18.84		654323	BV	75
	19.06		152139	VB	76
	19.28		841058	BV	77
AROCLOR-1254-3	19.52	1.58	1190121	VV	78
	19.61		5052054	VE	79
	19.72		257657	EV	80
AROCLOR-1254-4	19.90	2.00	3210281	VE	81
	20.07		246977	EV	82
	20.22		482461	EV	83
	20.48		2170222	VV	84
	20.55		1391820	VV	85
	20.81		3301347	VV	86
	21.03		1744787	VE	87
	21.29		175656	EV	88
	21.70		588407	VV	89
	21.87		1230003	VV	90
	21.92		874202	VV	91
	22.05		276167	VV	92
	22.23		191199	VV	93
	22.31		636036	VV	94
~~AROCLOR-1254-5~~	22.42	~~4.26~~	5333877	VE	95
	22.66		235906	EV	96
	22.88		397049	EV	97
	23.01		237913	VE	98
	23.34		85501	EV	99
	23.56		131645	VV	100
	23.84		1016000	VV	101

VMR 4/25/96

Sample ID: 43059 3290 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_007 Analysis Date: 25-APR-1996 21:32:01

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	24.16		674999	VE	102
	24.29		95389	EV	103
	24.46		713215	VE	104
	24.67		44412	EV	105
	24.86		54805	EV	106
	25.24		77884	VV	107
	25.54		75931	VV	108
	25.76		138875	VV	109
	25.92		438110	VE	110
	26.13		20989	EV	111
	26.32		5652	VV	112
	26.45		36483	VE	113
	26.72		5410	EV	114
	26.86		18444	VV	115
	27.26		21522	VV	116
	27.41		33769	VV	117
	27.70		91322	VV	118
	28.18		23323	VB	119
	28.82		5126	VB	120
	29.09		23113	BB	121
	29.46		14384	BB	122
	30.35		2888	VV	123
~~DCB~~ DMA 4/29	30.54	~~0.00181~~	35785	VE	124
	30.93		7839	EV	125
	31.20		5119	EV	126
	31.42		2722	VV	127
	31.73		7249	VV	128
	32.25		6839	VV	129
	32.56		4278	VV	130
	32.88		3913	VV	131
	33.41		7471	VV	132
	33.73		8784	VV	133
	33.92		9638	VB	134

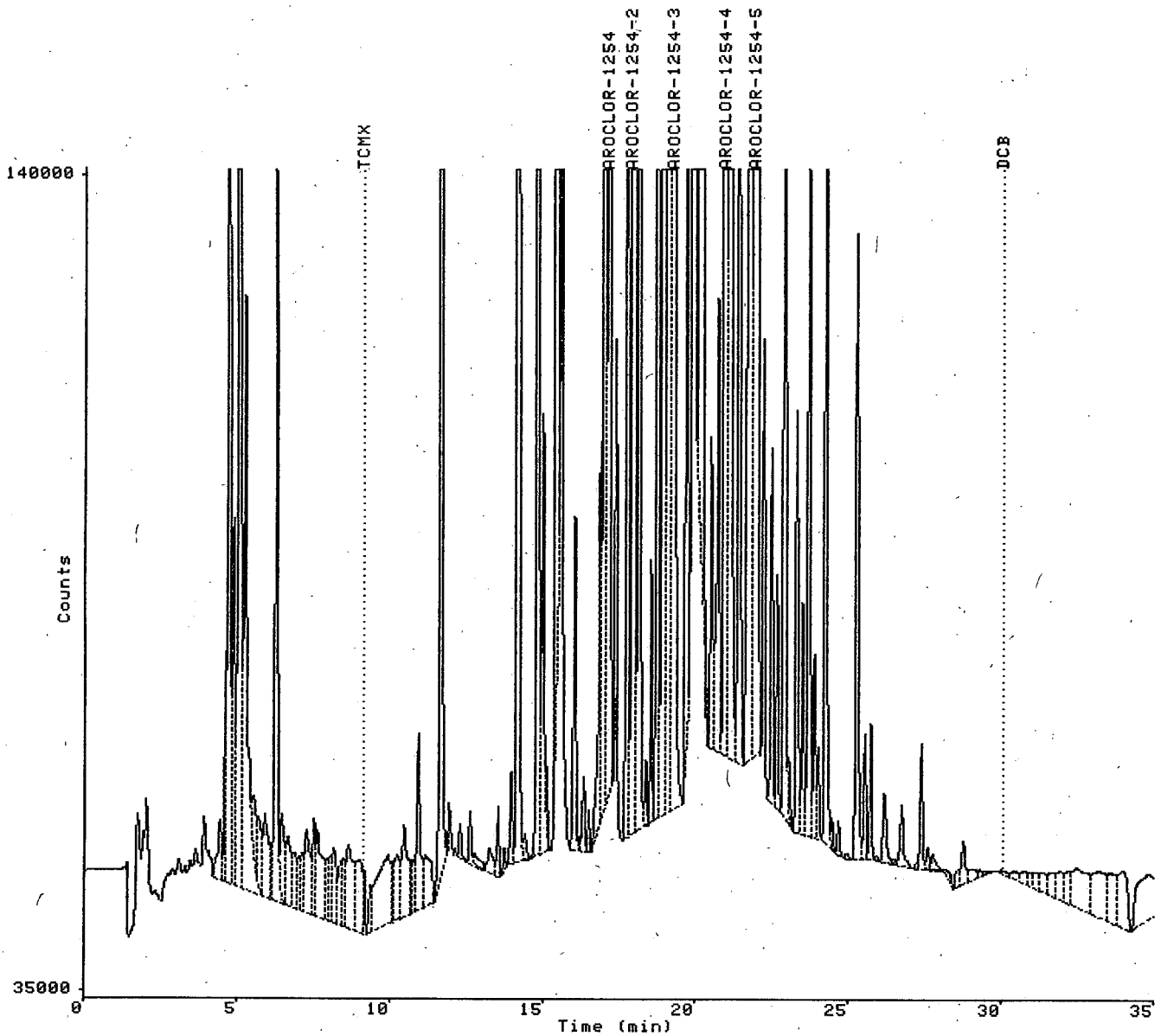
DMA 4/29 1.87
Average result...~~2.35~~ UG/ML TV = 2.0
93.5% Rec

Run Number..... 7 End of Report.

Run Number..... 7
Sample Name..... 43059 3290
Run Date..... 25-APR-1996 21:32:11
Raw File..... 5_0425_007
Method Name..... 5_1254_0425
Method Type..... Linear

ANAL-PCB-A

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43059 3290

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43059 3290 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_007 Analysis Date: 25-APR-1996 21:32:11

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.45		68679	BV	1
	4.63		135161	VV	2
	4.73		670584	VV	3
	4.88		252488	VV	4
	5.04		1226359	VV	5
	5.24		680231	VE	6
	5.54		77207	EV	7
	5.71		91436	EV	8
	5.92		121634	VV	9
	6.14		31114	VV	10
	6.27		591971	VE	11
	6.46		104314	EV	12
	6.68		98006	VV	13
	6.86		59477	VV	14
	7.05		43076	VV	15
	7.15		49733	VV	16
	7.28		124292	VV	17
	7.52		90215	VV	18
	7.63		157844	VV	19
	7.98		49655	VV	20
	8.06		50356	VV	21
	8.17		89454	VV	22
	8.43		75791	VV	23
	8.50		54988	VV	24
	8.66		173609	VV	25
	9.02		132446	VV	26
TCMX	9.15	-0.00148	33898	VB	27
	9.39		49528	BV	28
	9.77		273647	VV	29
	10.08		26829	VV	30
	10.24		110580	VV	31
	10.46		163080	VV	32
	10.69		37740	VV	33
	10.81		34584	VV	34
	10.92		176726	VV	35
	11.25		102703	VB	36
	11.64		1486861	BB	37
	11.93		6061	BB	38
	12.29		22737	BB	39
	12.63		35410	BE	40
	12.77		18923	EV	41
	13.08		4225	VV	42
	13.27		37862	VV	43
	13.54		39481	VB	44
	13.74		12660	BB	45
	13.97		65346	BV	46
	14.17		1630986	VE	47
	14.41		26060	EB	48
	14.81		1069066	BV	49
	14.98		322087	VE	50

Sample ID: 43059 3290 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_007 Analysis Date: 25-APR-1996 21:32:11

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	15.09		32889	EB	51
	15.43		2660429	BB	52
	16.03		240082	BE	53
	16.21		6702	EV	54
	16.33		50999	VV	55
	16.49		24164	VB	56
	16.86		296439	BV	57
	16.98		1005322	VV	58
AROCLOR-1254	17.13	1.83	1936198	VB	59
	17.36		185254	BB	60
	17.72		666145	BV	61
AROCLOR-1254-2	17.92	1.99	2883401	VV	62
	18.12		963692	VE	63
	18.36		41037	EV	64
	18.52		156952	VB	65
	18.71		847270	BV	66
	18.90		1994403	VV	67
	19.09		6042444	VV	68
AROCLOR-1254-3	19.25	1.87	3385575	VB	69
	19.67		645696	BB	70
	20.15		3094917	BB	71
	20.48		240372	BV	72
	20.71		343785	VV	73
AROCLOR-1254-4	20.92	1.93	1552705	VV	74
	21.09		2201583	VV	75
	21.38		669388	VB	76
	21.73		4683251	BV	77
AROCLOR-1254-5	21.91	1.94	3431213	VB	78
	22.47		230237	BV	79
	22.65		137675	VB	80
	22.88		966813	BE	81
	23.03		35057	EB	82
	23.29		301301	BV	83
	23.49		146732	VV	84
	23.68		566934	VV	85
	23.88		127345	VV	86
	24.00		51254	VB	87
	24.22		587389	BE	88
	24.45		17819	EB	89
	24.66		21078	BB	90
	24.93		4590	BB	91
	25.25		460001	BV	92
	25.51		84267	VV	93
	25.70		88315	VB	94
	25.92		3059	BB	95
	26.15		67109	BE	96
	26.48		4464	EV	97
	26.72		55548	VB	98
	27.22		3441	BV	99
	27.36		85513	VE	100
	27.57		15943	EV	101

Sample ID: 43059 3290 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_007 Analysis Date: 25-APR-1996 21:32:11

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	27.75		21033	EB	102
	28.15		10208	BV	103
	28.31		5821	VB	104
	28.59		22514	BV	105
	28.74		50502	VV	106
	29.10		26405	VV	107
	29.27		8553	VV	108
	29.44		3681	VV	109
	29.57		3197	VV	110
DCB	30.00	-0.00259	6282	BV	111
	30.42		16933	VV	112
	30.74		22009	VV	113
	30.96		16901	VV	114
	31.19		20532	VV	115
	31.33		38955	VV	116
	31.67		45015	VV	117
	31.94		56659	VV	118
	32.26		60346	VV	119
	32.49		180127	VV	120
	33.21		184996	VV	121
	33.59		119736	VV	122
	33.99		147888	VB	123
	34.87		233688	BV	124
	35.32		77411	VV	125
	35.66		105717	VV	126
	36.07		61562	VV	127
	36.48		21425	VV	128
	36.77		4633	VB	129

Average result...1.91 UG/ML

Run Number..... 7 End of Report.

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR PCB IN AIR SAMPLES

9600.789

(ug/tube)

Parameter	E & E Laboratory No. 96-43060	Original Value	Amount Added	Amount Determined	Percent Recovery
PCB-1242	Front	ND	2.0	1.84	92.0

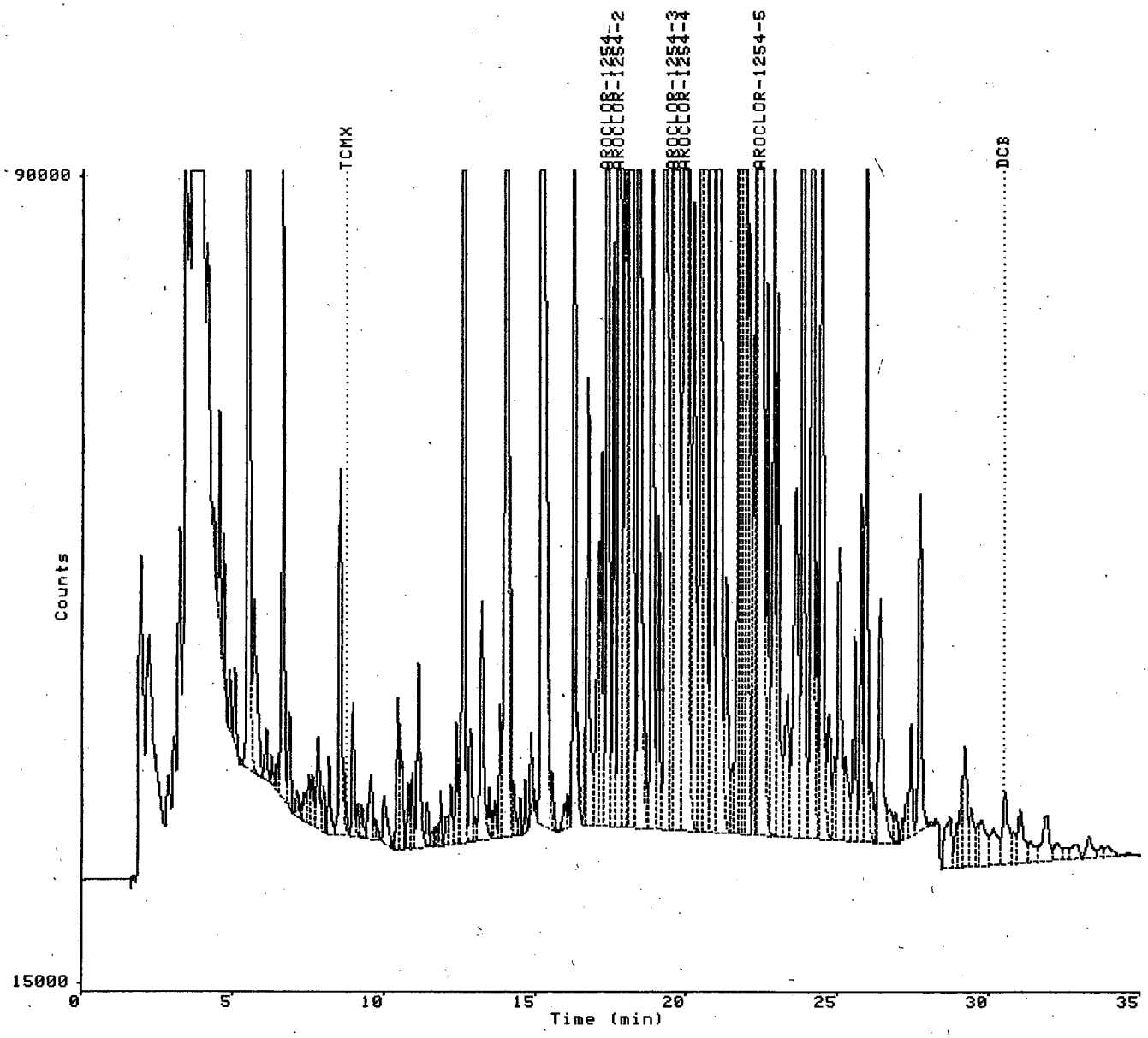
THIS RECOVERY IS WITHIN E & E, INC. QC TARGETS.

ND = NOT DETECTED
F = FRONT

Run Number..... 10
Sample Name..... 43060 3220
Run Date..... 25-APR-1996 23:39:41
Raw File..... 6_0425_010
Method Name..... 6_1254_0425
Method Type..... Linear

ANAL-PCB-B

58901B 30M 0.53mm RTX-35 2uL INJ



43060 3220

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43060 3220 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_010 Analysis Date: 25-APR-1996 23:39:41

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.35		17009	BB	1
	4.54		95934	BV	2
	4.68		65475	VB	3
	4.90		27730	BB	4
	5.07		38590	BB	5
	5.50		985688	BE	6
	5.70		155429	EB	7
	6.11		28317	BB	8
	6.28		12120	BV	9
	6.36		4947	VV	10
	6.47		14662	VV	11
	6.65		313145	VE	12
	6.87		53447	EB	13
	7.13		14161	BV	14
	7.28		7520	VV	15
	7.38		18561	VV	16
	7.52		25287	VV	17
	7.63		28121	VV	18
	7.82		64351	VV	19
	8.01		25398	VB	20
	8.18		45475	BV	21
	8.54		214642	VE	22
~~TCMX~~ DMR 4/29/96	8.67	-0.00115	22929	EB	23
	8.97		77222	BE	24
	9.13		13693	EV	25
	9.26		19323	EV	26
	9.57		48428	VV	27
	9.70		9307	VV	28
	9.81		4368	VB	29
	10.01		41460	BB	30
	10.35		5511	BV	31
	10.45		79321	VV	32
	10.56		53450	VB	33
	10.80		34082	BV	34
	10.92		42645	VV	35
	11.13		136587	VE	36
	11.42		27742	EV	37
	11.59		6388	EV	38
	11.69		9142	VV	39
	11.75		7183	VV	40
	11.87		22459	VB	41
	12.08		20349	BV	42
	12.21		35145	VV	43
	12.38		54689	VV	44
	12.49		33916	VV	45
	12.62		2012531	VE	46
	12.85		81279	EV	47
	13.03		11240	VV	48
	13.22		184025	VE	49
	13.47		19101	EV	50

Sample ID: 43060 3220 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_010 Analysis Date: 25-APR-1996 23:39:41

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.58		11835	EV	51
	13.67		17141	EV	52
	13.83		61348	VV	53
	14.03		2115463	VE	54
	14.15		95884	EV	55
	14.27		32129	EV	56
	14.50		15744	VB	57
	14.66		22692	BB	58
	14.86		31583	BB	59
	15.03		3956	BB	60
	15.23		2597200	BE	61
	15.55		39848	EB	62
	15.99		17496	BV	63
	16.09		14083	VB	64
	16.26		418701	BE	65
	16.39		17075	EB	66
	16.63		29689	BV	67
	16.72		262368	VV	68
	17.06		193955	VV	69
	17.17		182481	VV	70
AROCLOR-1254	17.37	1.82	793128	VV	71
	17.56		271726	VV	72
AROCLOR-1254-2	17.76	1.95	1521334	VV	73
	17.93		607384	VV	74
	18.03		233483	VV	75
	18.15		2052915	VV	76
	18.39		945348	VE	77
	18.61		42193	EV	78
	18.84		638727	VV	79
	19.06		156113	VV	80
	19.28		903476	VV	81
AROCLOR-1254-3	19.52	1.54	1162459	VV	82
	19.62		6009754	VV	83
AROCLOR-1254-4	19.90	2.05	3289250	VE	84
	20.06		209744	EV	85
	20.22		474795	EV	86
	20.48		1689597	VV	87
	20.56		1133927	VV	88
	20.82		4132333	VV	89
	21.04		1680032	VE	90
	21.30		170598	EV	91
	21.54		41737	VV	92
	21.70		567138	VV	93
	21.79		852231	VV	94
	21.87		1307908	VV	95
	21.92		908667	VE	96
	22.06		293180	EV	97
	22.23		184818	VV	98
	22.32		544242	VV	99
AROCLOR-1254-5	22.42	4.35	5443872	VE	100
	22.67		248276	EV	101

DMB 4/29/96

Sample ID: 43060\3220 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_010 Analysis Date: 25-APR-1996 23:39:41

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	22.88		447322	EV	102
	23.01		313580	VV	103
	23.33		135293	VV	104
	23.60		362362	VV	105
	23.84		908410	VV	106
	24.16		734735	VE	107
	24.29		105244	EV	108
	24.46		758807	VE	109
	24.70		95281	EV	110
	24.89		51710	EV	111
	25.04		230455	VV	112
	25.23		81009	VV	113
	25.54		129330	VV	114
	25.76		168401	VV	115
	25.92		470708	VE	116
	26.11		37545	EV	117
	26.27		12621	EV	118
	26.39		225623	VE	119
	26.72		24457	EV	120
	26.90		23870	EB	121
	27.14		13939	BV	122
	27.28		28245	VV	123
	27.41		65744	VV	124
	27.70		216358	VE	125
	28.08		3009	EV	126
	28.22		2757	EB	127
	28.64		78389	BV	128
	28.94		31461	VV	129
	29.09		53214	VV	130
	29.20		105269	VV	131
	29.41		65969	VV	132
	29.66		23582	VV	133
	29.75		63407	VV	134
	30.13		69090	VV	135
DCB	30.53	0.00440	93075	VV	136
	30.81		25346	VV	137
	31.04		72852	VV	138
	31.37		30795	VV	139
	31.90		74954	VV	140
	32.25		27872	VV	141
	32.54		14350	VV	142
	32.89		26733	VV	143
	33.32		31764	VV	144
	33.74		13024	VV	145
	33.92		17220	VB	146
	34.62		2529	VB	147

DMM 4/25/96

TV = 2.0

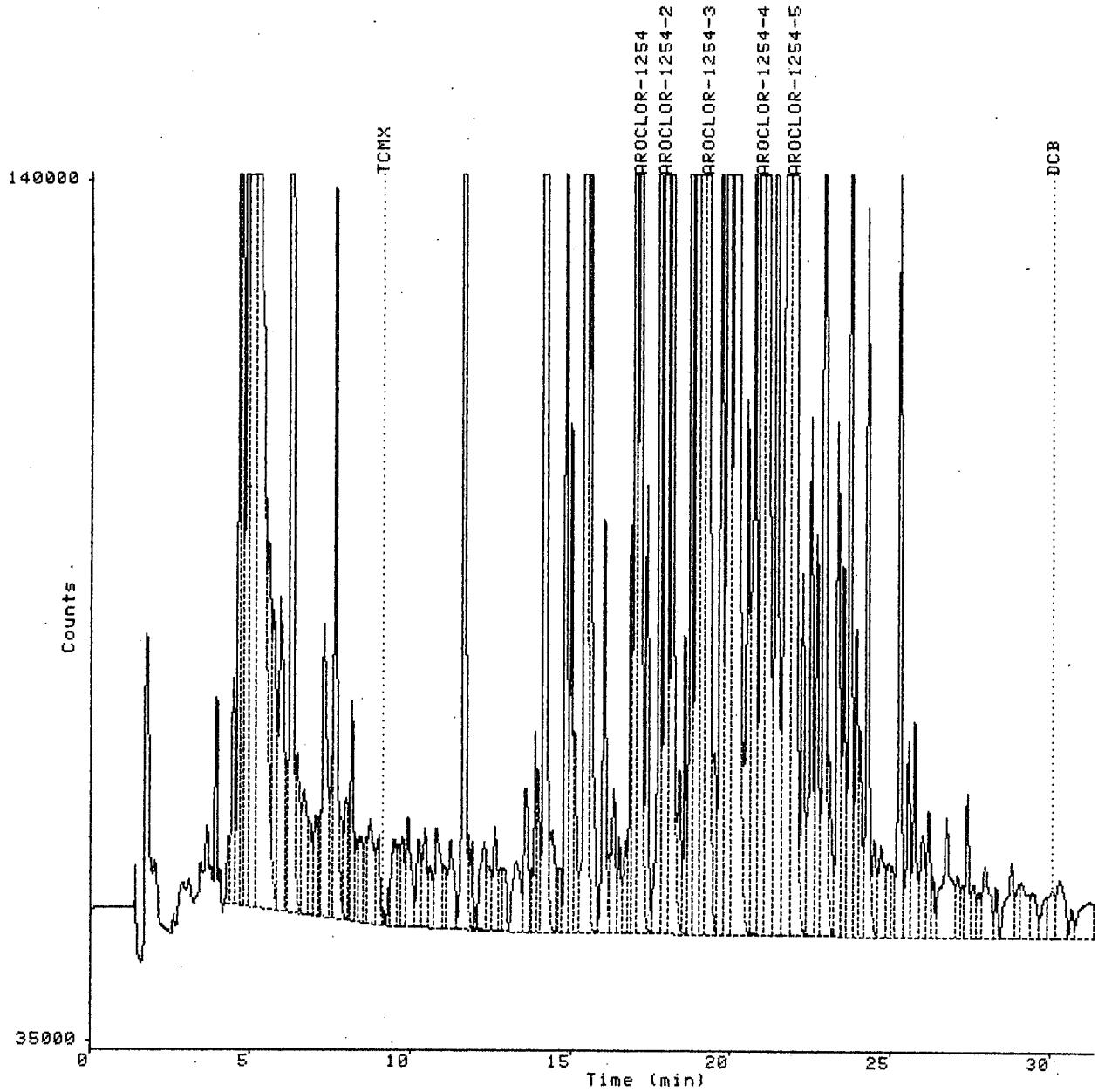
Average result...~~2.34~~ 1.84 UG/ML 92.0 % Rec

Run Number..... 10 End of Report.

Run Number..... 10
Sample Name..... 43060 3220
Run Date..... 25-APR-1996 23:39:46
Raw File..... 5_0425_010
Method Name..... 5_1254_0425
Method Type..... Linear

ANAL-PCB-B

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43060 3220

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43060 3220 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_010 Analysis Date: 25-APR-1996 23:39:46

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.32		48141	BV	1
	4.45		196464	VV	2
	4.65		615227	VV	3
	4.71		623290	VV	4
	4.88		1144430	VV	5
	5.05		5065223	VV	6
	5.25		2847689	VE	7
	5.57		248557	EV	8
	5.71		299766	EV	9
	5.94		435691	VV	10
	6.15		74223	VV	11
	6.28		1404170	VE	12
	6.45		176165	EV	13
	6.68		168747	VV	14
	6.85		80491	VV	15
	7.05		105730	VV	16
	7.18		66387	VV	17
	7.29		360076	VV	18
	7.54		103446	VV	19
	7.64		558612	VE	20
	7.84		70521	EV	21
	7.99		100354	EV	22
	8.07		51312	VV	23
	8.17		190753	VV	24
	8.36		52975	VV	25
	8.46		92308	VV	26
	8.65		79633	VV	27
	8.76		152893	VV	28
	9.01		87471	VE	29
TCMX	9.14	-0.00262	4538	EV	30
	9.20		4790	EB	31
	9.33		16771	BV	32
	9.49		114126	VV	33
	9.62		63818	VV	34
	9.74		88937	VV	35
	9.93		156968	VV	36
	10.26		105699	VV	37
	10.45		102660	VV	38
	10.60		71499	VV	39
	10.81		160982	VV	40
	11.05		48976	VV	41
	11.25		136724	VV	42
	11.64		1889303	VE	43
	11.90		78658	EV	44
	12.02		9717	EV	45
	12.25		139479	EV	46
	12.40		72162	VV	47
	12.63		106946	VV	48
	12.79		39593	VV	49
	12.90		72946	VB	50

Sample ID: 43060 3220 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_010 Analysis Date: 25-APR-1996 23:39:46

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.29		152684	BV	51
	13.59		164380	VV	52
	13.75		38117	VV	53
	13.88		139675	VV	54
	13.97		111739	VV	55
	14.18		2068181	VE	56
	14.40		140913	EV	57
	14.59		24293	EV	58
	14.66		42959	VV	59
	14.81		621364	VV	60
	14.98		360601	VV	61
	15.09		158154	VV	62
	15.44		3427428	VE	63
	15.58		757788	EV	64
	16.03		360189	VE	65
	16.20		42470	EV	66
	16.33		138864	VV	67
	16.50		85818	VV	68
	16.73		87028	VV	69
	16.86		257678	VV	70
	16.98		1044453	VV	71
AROCLOR-1254	17.13	2.00	2106017	VE	72
	17.35		309707	EV	73
	17.73		833851	VV	74
AROCLOR-1254-2	17.92	2.17	3135278	VV	75
	18.12		1159194	VE	76
	18.36		139384	EV	77
	18.53		211573	EV	78
	18.71		1015977	VV	79
	18.90		2154720	VV	80
	19.10		6526714	VV	81
AROCLOR-1254-3	19.25	2.07	3728321	VE	82
	19.46		179622	EV	83
	19.67		961039	VV	84
	19.88		4137722	VV	85
	20.15		4109426	VE	86
	20.48		526266	EV	87
	20.71		855802	EV	88
AROCLOR-1254-4	20.92	1.92	1546398	VV	89
	21.08		3211253	VV	90
	21.38		1041983	VV	91
	21.73		5561572	VV	92
AROCLOR-1254-5	21.91	2.21	3885572	VE	93
	22.20		293525	EV	94
	22.47		465787	EV	95
	22.65		334164	VV	96
	22.88		1281654	VE	97
	23.02		157300	EV	98
	23.30		455764	VV	99
	23.48		278355	VV	100
	23.68		747080	VV	101

Sample ID: 43060 3220 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_010 Analysis Date: 25-APR-1996 23:39:46

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	23.88		254888	VV	102
	23.99		161307	VV	103
	24.22		558977	VE	104
	24.45		108522	EV	105
	24.67		153694	VV	106
	24.92		67579	VV	107
	25.00		65082	VV	108
	25.25		569669	VV	109
	25.51		170310	VV	110
	25.70		196212	VV	111
	25.96		129841	VV	112
	26.15		121777	VV	113
	26.29		42559	VV	114
	26.72		272687	VV	115
	27.06		75423	VV	116
	27.23		37304	VV	117
	27.36		120649	VV	118
	27.56		61868	VV	119
	27.73		44152	VV	120
	27.92		135781	VV	121
	28.27		39733	VB	122
	28.74		139367	BV	123
	28.98		50577	VV	124
	29.05		112425	VV	125
	29.43		82607	VV	126
	29.86		69085	VV	127
DCB	30.04	7.71E-04	75135	VV	128
	30.28		128288	VV	129
	30.67		27850	VV	130
	31.10		133866	VV	131
	31.43		32661	VV	132
	31.75		94140	VV	133
	31.93		114589	VV	134
	32.16		64144	VV	135
	32.38		54767	VV	136
	32.71		41988	VV	137
	33.37		211636	VV	138
	33.72		10493	VB	139
	33.98		31326	BV	140
	34.21		35008	VV	141
	34.56		49826	VV	142
	34.77		46717	VV	143
	35.64		38103	VV	144
	36.01		5519	VE	145
	37.01		80079	BB	146
	37.50		15902	BV	147
	37.70		12642	VB	148

Average result...2.07 UG/ML

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR PCB IN AIR SAMPLES

9600.789

(ug/tube)

Parameter	E & E Laboratory No. 96-43060	Original Value	Amount Added	Amount Determined	Percent Recovery
PCB-1242	Back	ND	2.0	1.85	92.5

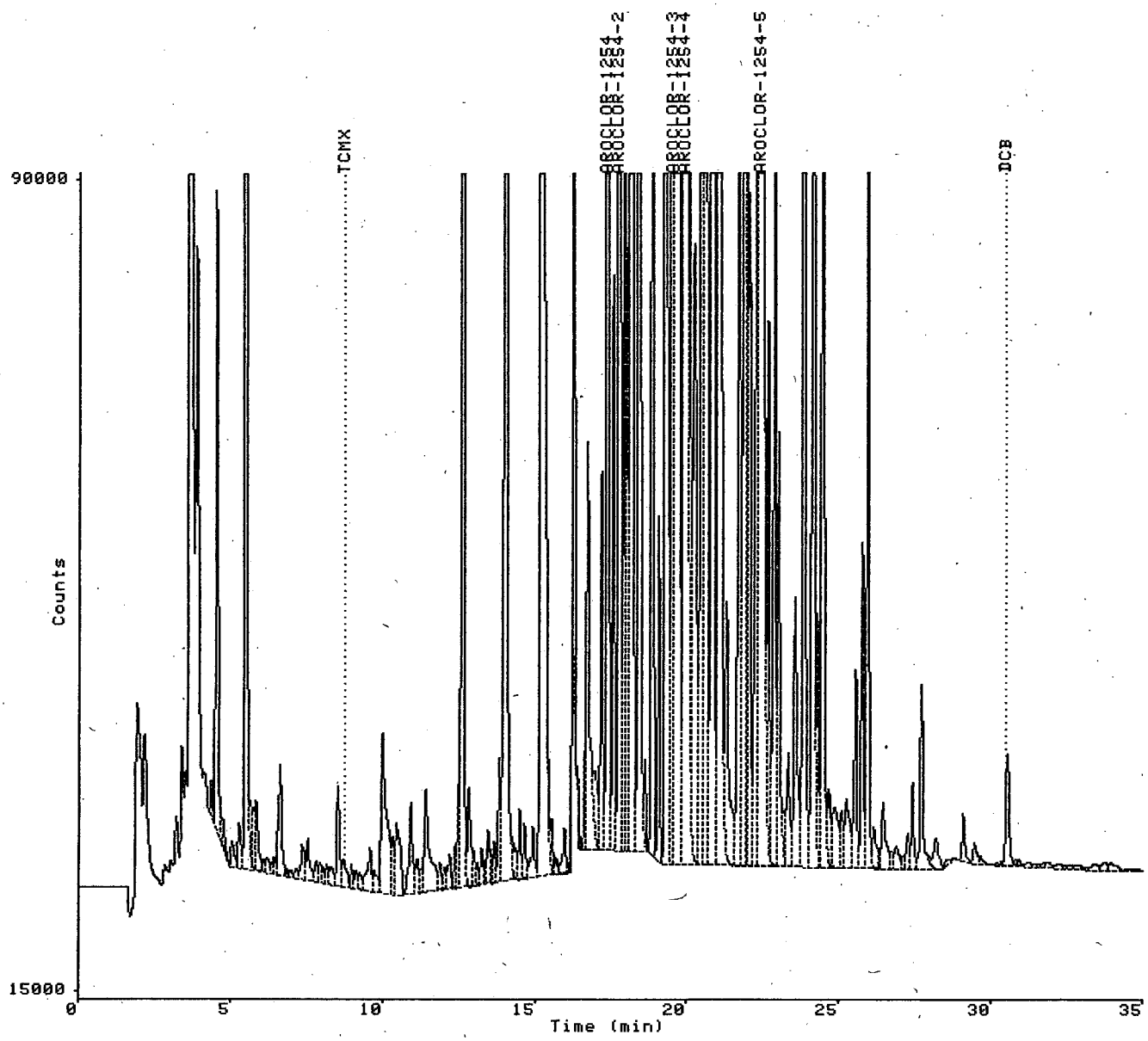
THIS RECOVERY IS WITHIN E & E, INC. QC TARGETS.

ND = NOT DETECTED

Run Number..... 9
Sample Name..... 43060 3290
Run Date..... 25-APR-1996 22:57:12
Raw File..... 6_0425_009
Method Name..... 6_1254_0425
Method Type..... Linear

ANAL- PCB-B

58901B 30M 0.53mm RTX-35 2uL INJ



43060 3290

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43060 3290 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_009 Analysis Date: 25-APR-1996 22:57:12

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.38		15599	BV	1
	4.53		320523	VE	2
	4.75		19343	EB	3
	5.06		16833	BV	4
	5.30		27967	VV	5
	5.49		660758	VE	6
	5.66		23203	EV	7
	5.75		29598	EV	8
	5.85		49378	EV	9
	6.12		6341	VV	10
	6.21		10035	VV	11
	6.38		4293	VV	12
	6.46		7308	VV	13
	6.64		76337	VB	14
	6.99		3085	VB	15
	7.14		6007	BV	16
	7.37		28682	VV	17
	7.55		27432	VV	18
	7.82		12417	VV	19
	7.94		10662	VV	20
	8.03		6757	VV	21
	8.18		11478	VV	22
	8.30		15216	VV	23
	8.54		59165	VV	24
~~TCMX~~ DMM 4/25	8.72	-0.00118	22461	VB	25
	8.98		10157	BV	26
	9.13		10989	VV	27
	9.25		9638	VV	28
	9.59		38041	VV	29
	9.71		20076	VV	30
	9.99		179082	VV	31
	10.32		32453	VV	32
	10.51		76094	VB	33
	10.92		71035	BV	34
	11.13		21888	VV	35
	11.27		14002	VV	36
	11.41		121639	VV	37
	11.89		18081	VV	38
	12.04		13980	VV	39
	12.20		23042	VV	40
	12.38		19639	VV	41
	12.49		44824	VV	42
	12.61		2123111	VE	43
	12.82		71644	EV	44
	12.98		17119	VV	45
	13.10		10488	VV	46
	13.24		21556	VV	47
	13.37		9631	VV	48
	13.47		28175	VV	49
	13.55		14388	VV	50

Sample ID: 43060 3290 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_009 Analysis Date: 25-APR-1996 22:57:12

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.68		20786	VV	51
	13.83		58335	VV	52
	14.03		2110841	VE	53
	14.37		27058	EV	54
	14.50		35531	EV	55
	14.66		32841	EV	56
	14.94		36600	VV	57
	15.23		2831627	VE	58
	15.54		32590	EV	59
	15.69		9371	EV	60
	15.98		31857	EV	61
	16.07		3641	VB	62
	16.25		382438	BB	63
	16.38		7162	BB	64
	16.50		3360	BV	65
	16.63		30606	VV	66
	16.72		274232	VE	67
	16.95		54883	EV	68
	17.17		170904	VV	69
AROCLOR-1254	17.36	1.90	827689	VV	70
	17.56		255390	VV	71
AROCLOR-1254-2	17.75	1.90	1478585	VV	72
	17.92		453337	VV	73
	18.03		228900	VV	74
	18.15		1953534	VV	75
	18.39		916838	VE	76
	18.61		31087	EB	77
	18.84		507952	BV	78
	19.06		145035	VB	79
	19.28		906533	BV	80
AROCLOR-1254-3	19.52	1.57	1182191	VV	81
	19.61		5882944	VV	82
AROCLOR-1254-4	19.90	1.98	3187763	VE	83
	20.06		247911	EV	84
	20.22		491755	EV	85
	20.47		2018567	VV	86
	20.55		1027911	VV	87
	20.81		3831423	VV	88
	21.03		1730502	VE	89
	21.29		203948	EV	90
	21.69		605154	VV	91
	21.87		1298984	VV	92
	21.92		835429	VV	93
	22.05		268815	VV	94
	22.32		772690	VV	95
AROCLOR-~~1254~~-5 JMR 4/29/96	22.42	~~4.56~~	5707414	VE	96
	22.66		234269	EV	97
	22.88		410076	EV	98
	23.01		230640	VE	99
	23.22		26879	EV	100
	23.34		73782	VV	101

Sample ID: 43060 3290 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_009 Analysis Date: 25-APR-1996 22:57:12

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	23.56		187105	VV	102
	23.84		978083	VV	103
	24.16		684395	VE	104
	24.29		96034	EV	105
	24.46		726663	VE	106
	24.67		48043	EV	107
	24.85		75877	EV	108
	25.08		37808	VV	109
	25.24		70354	VV	110
	25.54		117298	VV	111
	25.76		150983	VV	112
	25.92		437764	VE	113
	26.14		30847	EV	114
	26.31		8473	VV	115
	26.44		55394	VV	116
	26.72		11054	VV	117
	26.89		22989	VV	118
	27.11		7230	VV	119
	27.26		24073	VV	120
	27.41		46770	VV	121
	27.70		112866	VE	122
	28.19		35454	EB	123
	28.62		6403	BV	124
	29.08		27274	BB	125
	29.46		14566	BV	126
	29.64		5279	VB	127
~~DCB~~ DMA 4/29/96	30.53	0.00~~366~~	76693	VE	128
	30.82		4059	EV	129
	30.90		3498	EV	130
	31.22		4391	VV	131
	31.73		3052	VV	132
	31.87		4753	VV	133
	32.26		4050	VV	134
	32.54		2539	VV	135
	32.86		4596	VB	136
	33.42		5893	VV	137
	33.72		9431	VV	138
DMA 4/29	33.92	TU=2.0	10505	VB	139

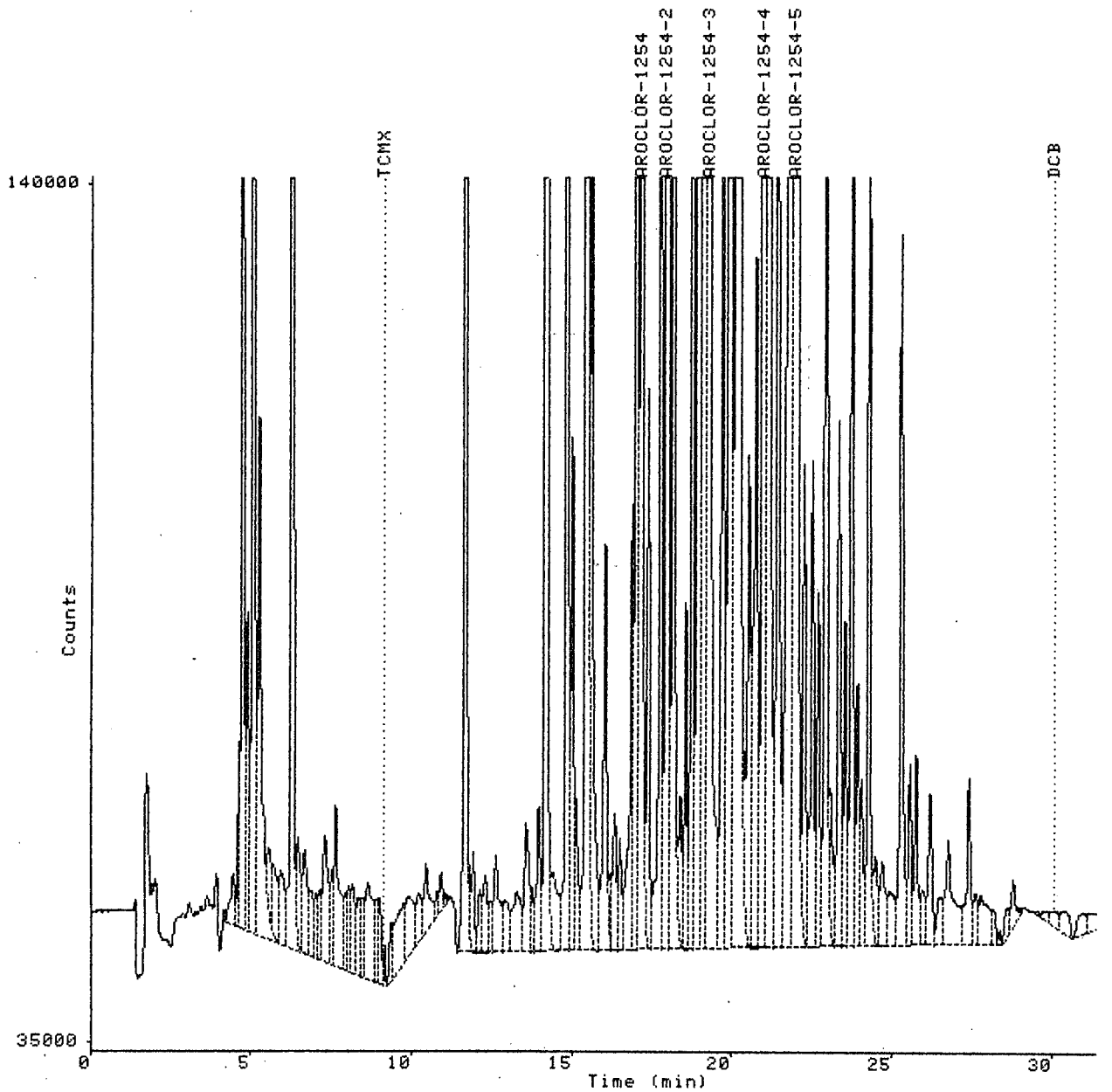
Average result...~~2.38~~ 1.85 UG/ML 92.5 % Rec

Run Number..... 9 End of Report.

Run Number..... 9
Sample Name..... 43060 3290
Run Date..... 25-APR-1996 22:57:17
Raw File..... 5_0425_009
Method Name..... 5_1254_0425
Method Type..... Linear

ANAL-PCB-B

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43060 3290

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43060 3290 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_009 Analysis Date: 25-APR-1996 22:57:17

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.45		58956	BV	1
	4.63		108827	VV	2
	4.73		649932	VV	3
	4.88		207590	VV	4
	5.05		979241	VV	5
	5.24		584943	VE	6
	5.56		70995	EV	7
	5.71		89724	EV	8
	5.93		109075	VV	9
	6.27		1084422	VE	10
	6.46		116711	EV	11
	6.68		133265	EV	12
	6.86		61780	VV	13
	7.04		57469	VV	14
	7.16		50445	VV	15
	7.30		178107	VV	16
	7.52		66909	VV	17
	7.63		232477	VV	18
	7.99		55780	VV	19
	8.06		67559	VV	20
	8.17		95738	VV	21
	8.36		71994	VV	22
	8.49		78472	VV	23
	8.66		210686	VV	24
	8.93		34836	VV	25
	9.01		74097	VV	26
TCMX	9.17	-0.00214	16975	VB	27
	9.39		51821	BV	28
	9.78		146311	VV	29
	9.93		131176	VV	30
	10.24		68534	VV	31
	10.46		99900	VV	32
	10.82		21129	VV	33
	10.92		28701	VV	34
	11.07		6865	VV	35
	11.64		1762695	BE	36
	11.92		103991	EV	37
	12.13		59426	EV	38
	12.30		90182	EV	39
	12.46		46720	VV	40
	12.63		140261	VV	41
	12.90		87357	VV	42
	13.27		140986	VV	43
	13.56		159587	VV	44
	13.72		43941	VV	45
	13.97		159614	VV	46
	14.17		2049649	VE	47
	14.41		138506	EV	48
	14.81		909607	VV	49
	14.98		372549	VV	50

Sample ID: 43060 3290 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_009 Analysis Date: 25-APR-1996 22:57:17

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	15.09		130660	VV	51
	15.43		3490499	VE	52
	15.57		756319	EV	53
	16.03		376329	VE	54
	16.21		41682	EV	55
	16.33		132221	VV	56
	16.49		104193	VV	57
	16.86		390562	VV	58
	16.98		1066949	VV	59
AROCLOR-1254	17.13	1.86	1966612	VE	60
	17.36		367930	EV	61
	17.72		831744	VV	62
AROCLOR-1254-2	17.92	2.07	2991503	VV	63
	18.12		1106183	VE	64
	18.36		128074	EV	65
	18.52		259717	EV	66
	18.71		969021	VV	67
	18.90		2126770	VV	68
	19.09		6553781	VV	69
AROCLOR-1254-3	19.25	2.03	3659561	VV	70
	19.67		886463	VV	71
	19.88		4786041	VV	72
	20.15		3947714	VE	73
	20.48		484808	EV	74
	20.71		732085	EV	75
AROCLOR-1254-4	20.92	2.27	1818644	VV	76
	21.09		2582278	VV	77
	21.38		975336	VV	78
	21.73		5665471	VV	79
AROCLOR-1254-5	21.90	2.18	3847076	VE	80
	22.20		354233	EV	81
	22.47		427028	EV	82
	22.65		287101	VV	83
	22.88		1167036	VE	84
	23.02		137111	EV	85
	23.29		449296	VV	86
	23.48		235887	VV	87
	23.68		698549	VV	88
	23.88		211474	VV	89
	23.99		132023	VV	90
	24.22		615033	VE	91
	24.45		103624	EV	92
	24.66		122612	EV	93
	24.91		96028	VV	94
	25.25		579533	VV	95
	25.51		148586	VV	96
	25.70		169411	VV	97
	25.92		69744	VV	98
	26.14		164789	VV	99
	26.48		76159	VV	100
	26.72		224241	VV	101

Sample ID: 43060 3290 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_009 Analysis Date: 25-APR-1996 22:57:17

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	27.36		180054	VV	102
	27.57		56052	VV	103
	27.74		122838	VV	104
	28.12		35519	VV	105
	28.33		7200	VB	106
	28.59		34230	BV	107
	28.74		48025	VE	108
	28.96		2908	EB	109
	29.44		3963	BV	110
	29.76		16350	VV	111
DCB	30.02	-0.00153	28009	VV	112
	30.41		51935	VB	113
	30.93		47446	BV	114
	31.34		52267	VV	115
	31.68		29076	VV	116
	31.95		33042	VV	117
	32.28		10254	VV	118
	32.48		16386	VB	119
	33.20		12271	BV	120
	33.33		31045	VB	121
	33.99		63962	BE	122
	34.82		4000	BB	123
	35.65		8587	VV	124
	36.07		7302	VV	125
	37.48		6672	BB	126

Average result...2.08 UG/ML

Run Number..... 9 End of Report.

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR PCB IN AIR SAMPLES

9600.789

(ug/tube)

Parameter	E & E Laboratory No. 96-43061	Original Value	Amount Added	Amount Determined	Percent Recovery
PCB-1242	Front	ND	2.0	1.89	94.5

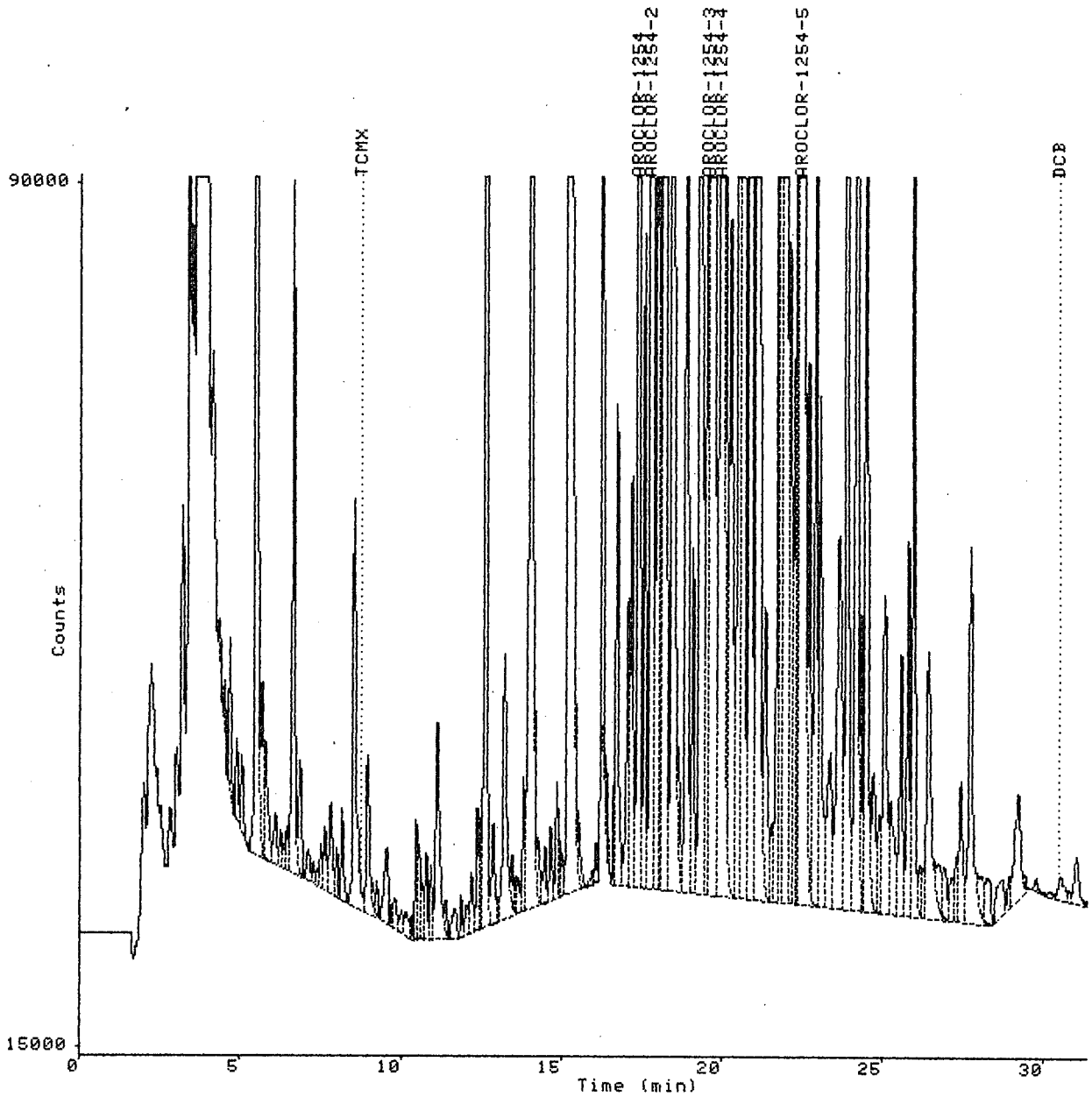
THIS RECOVERY IS WITHIN E & E, INC. QC TARGETS.

ND = NOT DETECTED

Run Number..... 12
Sample Name..... 43061 3220
Run Date..... 26-APR-1996 01:04:47
Raw File..... 6_0425_012
Method Name..... 6_1254_0425
Method Type..... Linear

ANAL-PCB-C

58901B 30M 0.53mm RTX-35 2uL INJ



43061 3220

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43061 3220 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_012 Analysis Date: 26-APR-1996 01:04:47

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.34		21887	BV	1
	4.51		21927	VB	2
	4.68		63542	BB	3
	4.90		41173	BV	4
	5.07		37351	VB	5
	5.50		1020959	BE	6
	5.69		78915	EV	7
	5.78		79698	EV	8
	6.11		32814	VV	9
	6.27		17628	VV	10
	6.37		8179	VV	11
	6.47		18579	VV	12
	6.65		323083	VE	13
	6.87		63853	EB	14
	7.12		19037	BV	15
	7.28		8816	VV	16
	7.42		7841	VV	17
	7.51		18115	VV	18
	7.63		33506	VV	19
	7.82		57463	VV	20
	8.01		20430	VB	21
	8.18		43027	BB	22
	8.54		251521	BE	23
	8.97		100976	VE	24
	9.12		9558	EV	25
	9.26		12288	EB	26
	9.56		56750	BB	27
	9.73		7670	BV	28
	9.81		18099	VV	29
	10.02		13855	VV	30
	10.15		18515	VV	31
	10.32		8848	VB	32
	10.47		59731	BV	33
	10.55		47423	VV	34
	10.66		20899	VV	35
	10.79		43399	VV	36
	10.93		37914	VV	37
	11.13		171494	VE	38
	11.40		14975	EB	39
	11.69		28080	BB	40
	11.88		16383	BV	41
	12.05		20484	VV	42
	12.20		35214	VV	43
	12.39		52810	VV	44
	12.49		42834	VV	45
	12.62		2212095	VE	46
	12.87		66707	EV	47
	13.04		8434	VV	48
	13.22		212538	VE	49
	13.47		21099	EV	50

Sample ID: 43061 3220 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_012 Analysis Date: 26-APR-1996 01:04:47

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.59		15881	EV	51
	13.67		16877	EV	52
	13.83		59574	VV	53
	14.03		2448459	VE	54
	14.27		41859	EV	55
	14.50		31871	EV	56
	14.67		37031	VV	57
	14.86		60841	VV	58
	14.96		15631	VV	59
	15.03		15136	VV	60
	15.24		2873820	VE	61
	15.55		52231	EV	62
	16.00		9072	EV	63
	16.09		16113	VB	64
	16.26		435705	BE	65
	16.39		19453	EB	66
	16.63		28967	BV	67
	16.72		236941	VV	68
	17.07		163976	VV	69
	17.17		187435	VV	70
AROCLOR-1254	17.37	1.87	815414	VV	71
	17.57		283706	VV	72
AROCLOR-1254-2	17.76	2.01	1566001	VV	73
	17.93		632128	VV	74
	18.03		242272	VV	75
	18.16		2107270	VV	76
	18.40		978576	VE	77
	18.61		46241	EV	78
	18.84		648795	VV	79
	19.06		163494	VV	80
	19.28		919589	VV	81
AROCLOR-1254-3	19.52	1.61	1213119	VV	82
	19.62		6056192	VV	83
AROCLOR-1254-4	19.90	2.08	3335829	VE	84
	20.07		226682	EV	85
	20.22		479304	EV	86
	20.48		1668551	VV	87
	20.56		1138693	VV	88
	20.82		4237710	VV	89
	21.04		1678830	VE	90
	21.30		186517	EV	91
	21.55		44418	VV	92
	21.70		539427	VV	93
	21.79		1534849	VV	94
	21.91		2019891	VV	95
	22.06		372725	VV	96
	22.23		188200	VV	97
	22.32		531142	VV	98
AROCLOR-~~1254~~-5	22.42	~~4.34~~	5427848	VE	99
	22.67		235632	EV	100
	22.88		453597	EV	101

MM 4/29

Sample ID: 43061 3220 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_012 Analysis Date: 26-APR-1996 01:04:47

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	23.02		279859	VV	102
	23.34		144139	VV	103
	23.60		364635	VV	104
	23.84		893217	VV	105
	24.16		711398	VE	106
	24.30		106158	EV	107
	24.46		713361	VE	108
	24.70		102460	EV	109
	24.89		58002	EV	110
	25.04		241485	VV	111
	25.23		106222	VV	112
	25.55		154474	VV	113
	25.76		176260	VV	114
	25.92		450952	VE	115
	26.15		30660	EV	116
	26.24		16787	EV	117
	26.39		249419	VE	118
	26.72		42836	EV	119
	26.90		42245	EV	120
	27.12		31776	VV	121
	27.29		37890	VV	122
	27.41		96822	VV	123
	27.70		285743	VE	124
	28.06		37023	EV	125
	28.25		48537	EB	126
	28.69		56346	BV	127
	28.94		20725	VV	128
	29.19		123767	VE	129
	29.40		5467	EB	130
	29.76		7780	BE	131
	30.18		4161	BV	132
~~DCB~~ D MA 4/29/96	30.54	~~0.00139~~	26590	VV	133
	30.81		5485	VV	134
	31.03		41637	VE	135
	31.38		4598	EV	136
	31.87		20460	VV	137
	32.24		13597	VV	138
	32.54		5836	VV	139
	32.90		24522	VB	140
	33.31		31767	BE	141
	33.73		5193	EV	142
	33.92		2725	EB	143
	34.45		2972	BV	144
	34.63		5226	VB	145

D MA 4/29/96

Average result.. ~~2.38~~ 1.89 UG/ML TV=2.0

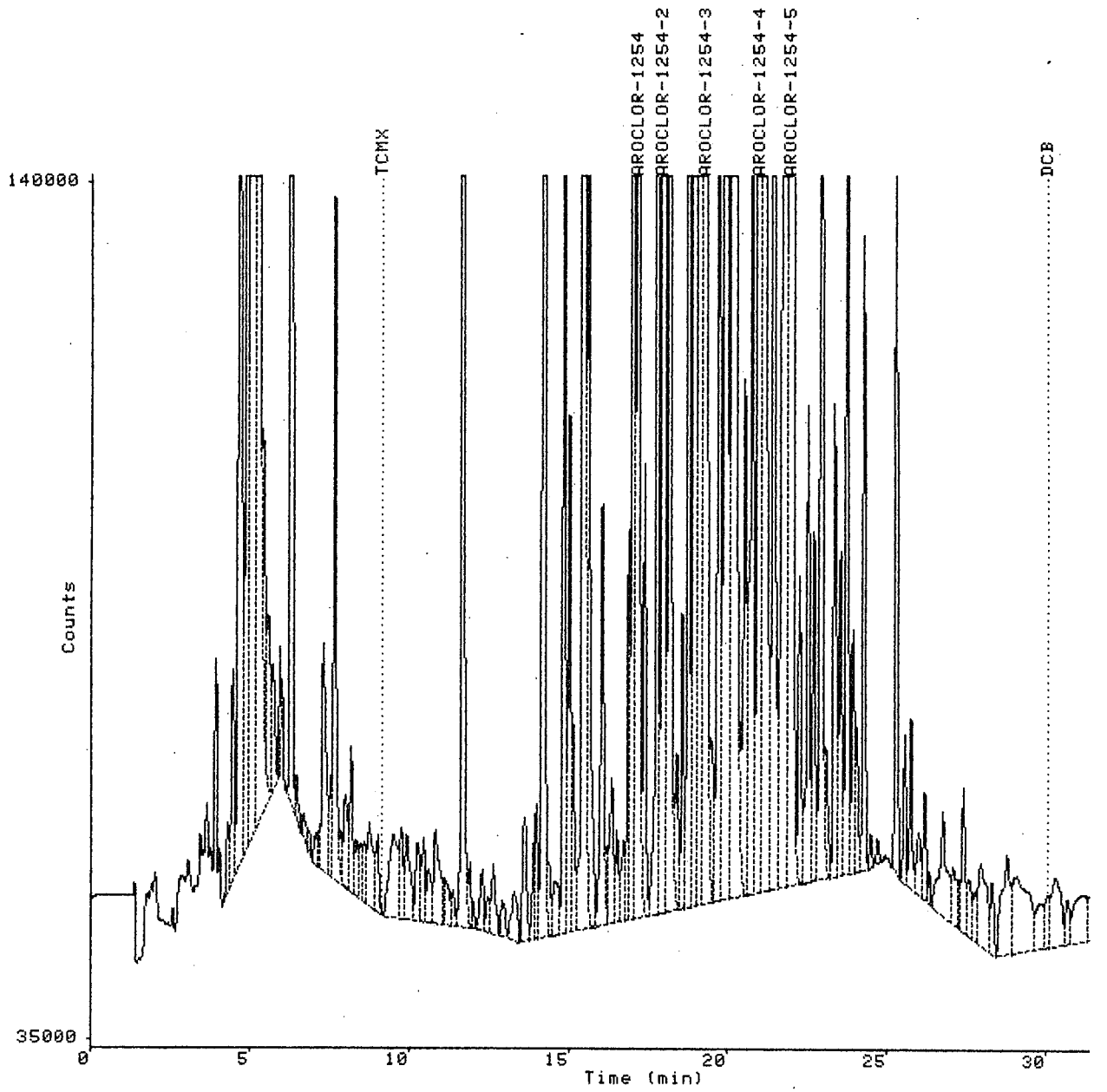
54.5 % Rec

Run Number..... 12 End of Report.

Run Number..... 12
Sample Name..... 43061 3220
Run Date..... 26-APR-1996 01:04:52
Raw File..... 5_0425_012
Method Name..... 5_1254_0425
Method Type..... Linear

ANAL-PCB-C

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43061 3220 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_012 Analysis Date: 26-APR-1996 01:04:52

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.30		50556	BV	1
	4.44		172775	VV	2
	4.65		972725	VV	3
	4.88		967638	VV	4
	5.04		4326023	VV	5
	5.24		1885430	VE	6
	5.40		190701	EV	7
	5.57		152565	EV	8
	5.71		92765	VB	9
	5.93		43563	BB	10
	6.14		2562	BV	11
	6.28		1115629	VE	12
	6.45		31606	EV	13
	6.68		29804	VV	14
	6.86		14511	VB	15
	7.06		26374	BV	16
	7.18		24664	VV	17
	7.29		246261	VV	18
	7.53		64331	VV	19
	7.64		471169	VE	20
	7.85		34133	EV	21
	8.00		105310	EV	22
	8.17		117164	VV	23
	8.35		45532	VV	24
	8.47		45866	VV	25
	8.61		64029	VV	26
	8.76		121130	VV	27
	9.01		63792	VE	28
TCMX	9.12	-0.00269	2802	EB	29
	9.51		190412	BV	30
	9.74		92347	VV	31
	9.92		124763	VV	32
	10.26		95741	VV	33
	10.44		69436	VV	34
	10.61		63148	VV	35
	10.82		145368	VV	36
	11.06		30281	VV	37
	11.15		45594	VV	38
	11.37		29533	VV	39
	11.64		2224211	VE	40
	11.91		49976	EV	41
	12.02		12059	EB	42
	12.14		2512	BV	43
	12.28		56384	VV	44
	12.47		35479	VV	45
	12.63		70738	VB	46
	12.91		37099	BB	47
	13.29		80277	BB	48
	13.60		143217	BV	49
	13.89		61071	VV	50

Sample ID: 43061 3220 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_012 Analysis Date: 26-APR-1996 01:04:52

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.98		105851	VV	51
	14.18		2074534	VE	52
	14.37		63326	EV	53
	14.59		89110	EV	54
	14.82		643884	VV	55
	14.98		371967	VV	56
	15.09		154269	VV	57
	15.44		3757782	VE	58
	15.58		768996	EV	59
	16.04		371387	VE	60
	16.21		44751	EV	61
	16.33		140587	VV	62
	16.50		82596	VV	63
	16.72		80999	VV	64
	16.86		245211	VV	65
	16.98		1051677	VV	66
AROCLOR-1254	17.13	2.14	2246723	VE	67
	17.36		302707	EV	68
	17.73		837311	VV	69
AROCLOR-1254-2	17.92	2.21	3182647	VV	70
	18.13		1160958	VE	71
	18.36		134472	EV	72
	18.54		205465	VV	73
	18.72		992539	VV	74
	18.90		2212745	VV	75
	19.10		6522420	VV	76
AROCLOR-1254-3	19.25	2.09	3771664	VE	77
	19.46		148687	EV	78
	19.67		947239	VV	79
	19.89		4085452	VV	80
	20.15		4052340	VE	81
	20.48		480815	EV	82
	20.72		794816	EV	83
AROCLOR-1254-4	20.92	1.91	1535686	VV	84
	21.08		3456476	VV	85
	21.38		982522	VV	86
	21.73		5341538	VV	87
AROCLOR-1254-5	21.91	2.11	3718243	VE	88
	22.20		231379	EV	89
	22.48		390515	EV	90
	22.66		272973	VV	91
	22.88		1167948	VE	92
	23.03		90924	EV	93
	23.30		402983	VV	94
	23.49		223446	VV	95
	23.68		634651	VV	96
	23.88		185600	VV	97
	24.00		97558	VV	98
	24.22		420127	VB	99
	24.46		27137	BV	100
	24.67		20623	VV	101

Sample ID: 43061 3220 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_012 Analysis Date: 26-APR-1996 01:04:52

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	25.25		444877	BB	102
	25.52		95569	BV	103
	25.70		121324	VV	104
	25.96		71204	VV	105
	26.15		85031	VV	106
	26.30		17128	VB	107
	26.73		200266	BV	108
	27.06		74898	VV	109
	27.23		31451	VV	110
	27.37		125243	VV	111
	27.56		65581	VV	112
	27.74		43001	VV	113
	27.92		187789	VV	114
	28.28		67181	VB	115
	28.75		222711	BV	116
	29.04		351273	VV	117
	29.85		95097	VV	118
DCB	30.07	9.13E-04	78040	VV	119
	30.29		183824	VV	120
	30.68		55633	VV	121
	31.06		176368	VV	122
	31.68		176873	VV	123
	31.96		95451	VV	124
	32.39		151476	VV	125
	32.85		80744	VV	126
	33.36		185012	VE	127
	33.73		8997	EB	128
	33.99		18691	BV	129
	34.29		42431	VV	130
	34.60		5479	VB	131
	35.49		90841	BV	132
	36.19		196565	VV	133
	37.00		147722	VB	134
	37.51		17995	BV	135
	37.71		9571	VB	136

Average result...2.09 UG/ML

Run Number..... 12 End of Report.

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR PCB IN AIR SAMPLES

9600.789

(ug/tube)

Parameter	E & E Laboratory No. 96-43061	Original Value	Amount Added	Amount Determined	Percent Recovery
PCB-1242	Back	ND	2.0	1.74	87.0

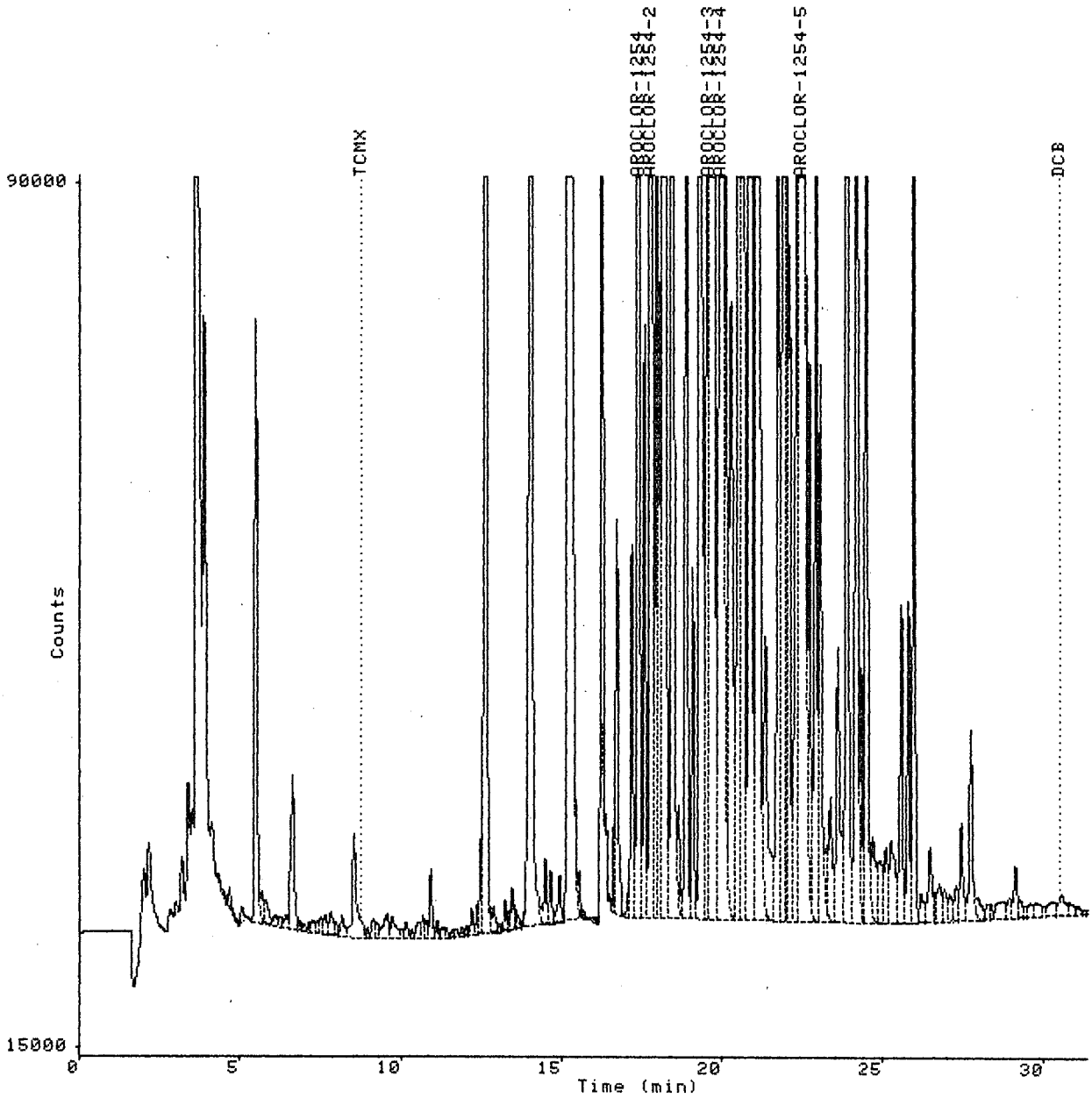
THIS RECOVERY IS WITHIN E & E, INC. QC TARGETS.

ND = NOT DETECTED

Run Number..... 11
Sample Name..... 43061 3290
Run Date..... 26-APR-1996 00:22:12
Raw File..... 6_0425_011
Method Name..... 6_1254_0425
Method Type..... Linear

ANAL-PCB-C

58901B 30M 0.53mm RTX-35 2uL INJ



43061 3290

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43061 3290 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_011 Analysis Date: 26-APR-1996 00:22:12

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.34		3150	BB	1
	4.51		2514	BB	2
	4.68		12016	BB	3
	5.08		9483	BB	4
	5.50		276970	BE	5
	5.69		13956	EV	6
	5.78		19673	EV	7
	6.11		7495	VV	8
	6.26		6463	VV	9
	6.46		7979	VV	10
	6.64		103558	VE	11
	6.87		3283	EV	12
	7.01		4137	EB	13
	7.17		4313	BV	14
	7.28		7053	VV	15
	7.43		7037	VV	16
	7.51		8618	VV	17
	7.63		12679	VV	18
	7.82		18035	VV	19
	8.00		5443	VV	20
	8.18		15832	VV	21
	8.54		82811	VB	22
	8.97		3709	BV	23
	9.14		12402	VV	24
	9.25		8246	VV	25
	9.55		25129	VV	26
	9.72		21732	VV	27
	10.02		3590	VV	28
	10.16		9932	VV	29
	10.33		3804	VV	30
	10.56		13056	VV	31
	10.68		12582	VV	32
	10.80		7733	VV	33
	10.92		32716	VV	34
	11.13		7490	VV	35
	11.28		6612	VV	36
	11.41		5572	VB	37
	11.63		3584	BV	38
	11.70		5772	VV	39
	11.89		4622	VV	40
	12.04		5235	VV	41
	12.21		14749	VV	42
	12.39		11621	VV	43
	12.49		35935	VV	44
	12.62		3013010	VE	45
	12.88		21493	EV	46
	13.09		4090	EB	47
	13.24		14835	BV	48
	13.37		8094	VV	49
	13.47		19268	VV	50

Sample ID: 43061 3290 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_011 Analysis Date: 26-APR-1996 00:22:12

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	13.56		10027	VV	51
	13.66		6143	VV	52
	13.84		5517	VV	53
	14.03		2722205	VE	54
	14.50		38022	EV	55
	14.66		26714	EV	56
	14.94		28457	EV	57
	15.24		3430493	VE	58
	15.54		25393	EV	59
	15.69		2856	EB	60
	16.25		375306	BB	61
	16.39		8185	BB	62
	16.50		2531	BB	63
	16.63		24873	BV	64
	16.72		188292	VB	65
	17.08		8706	BV	66
	17.17		157502	VV	67
AROCLOR-1254	17.37	1.82	795867	VV	68
	17.56		254518	VV	69
AROCLOR-1254-2	17.75	1.84	1432932	VV	70
	17.92		454337	VV	71
	18.03		226325	VV	72
	18.15		1886223	VV	73
	18.39		900879	VE	74
	18.61		41368	EV	75
	18.84		489616	VV	76
	19.06		148005	VV	77
	19.28		902086	VV	78
AROCLOR-1254-3	19.52	1.42	1072290	VV	79
	19.62		6490158	VV	80
AROCLOR-1254-4	19.90	1.87	3010716	VE	81
	20.07		236927	EV	82
	20.22		450584	EV	83
	20.47		1808800	VV	84
	20.56		971030	VV	85
	20.82		4723444	VV	86
	21.03		1628335	VE	87
	21.30		220930	EV	88
	21.70		576825	VV	89
	21.87		1243935	VV	90
	21.92		809936	VV	91
	22.05		256799	VV	92
	22.32		696336	VV	93
AROCLOR-1254-5	22.41	4.99	6247769	VE	94
	22.66		232807	EV	95
	22.88		393224	EV	96
	23.01		296894	VE	97
	23.23		31473	EV	98
	23.34		79478	EV	99
	23.56		186543	VV	100
	23.84		896908	VV	101

Sample ID: 43061 3290 Instrument: 58901B 30M 0.53mm RTX-35 2uL INJ
Datafile: 6_0425_011 Analysis Date: 26-APR-1996 00:22:12

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	24.16		617586	VE	102
	24.29		91530	EV	103
	24.46		628925	VE	104
	24.67		65852	EV	105
	24.89		62973	EV	106
	25.07		50651	VV	107
	25.24		86153	VV	108
	25.54		160538	VV	109
	25.76		144658	VV	110
	25.92		386397	VB	111
	26.15		26323	BV	112
	26.44		53661	VV	113
	26.61		16424	VV	114
	26.73		30811	VV	115
	26.89		27834	VV	116
	27.07		21335	VV	117
	27.26		23163	VV	118
	27.41		58961	VV	119
	27.70		111719	VE	120
	27.92		22803	EV	121
	28.23		10957	VV	122
	28.33		7930	VV	123
	28.63		32174	VV	124
	28.90		16442	VV	125
	29.08		33141	VV	126
	29.23		12270	VV	127
	29.41		8058	VV	128
	29.57		13700	VV	129
	29.75		19336	VV	130
	30.00		6093	VV	131
	30.23		22278	VV	132
~~DCB~~ DMA 4/29/96	30.54	0.~~00~~142	27262	VV	133
	30.78		13679	VV	134
	31.05		6361	VV	135
	31.25		3719	VV	136
	31.41		6848	VV	137
	31.72		4671	VV	138
	32.87		8191	BB	139
	33.42		16103	BV	140
	33.71		9804	VV	141
DMA 4/29/96	33.93		7522	VV	142
	34.17		5032	VB	143

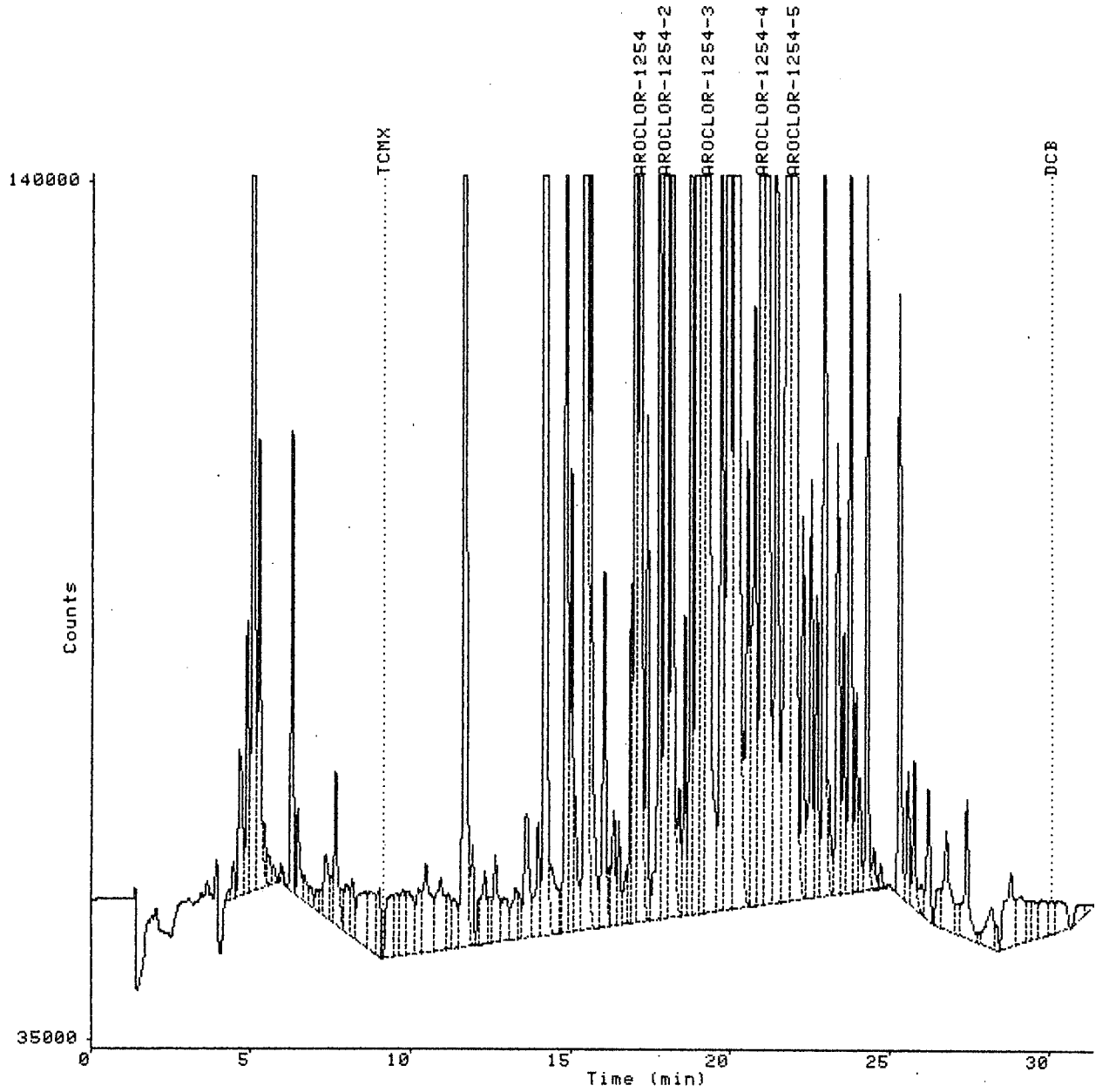
Average result..~~2.39~~ 1.74 UG/ML

Run Number..... 11 End of Report.

Run Number..... 11
Sample Name..... 43061 3290
Run Date..... 26-APR-1996 00:22:12
Raw File..... 5_0425_011
Method Name..... 5_1254_0425
Method Type..... Linear

ANAL- PCB-C

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



43061 3290

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 43061 3290 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_011 Analysis Date: 26-APR-1996 00:22:12

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.31		8804	BV	1
	4.45		29662	VV	2
	4.65		179573	VV	3
	4.88		187623	VV	4
	5.05		875973	VV	5
	5.24		386671	VE	6
	5.40		33617	EV	7
	5.56		25075	EV	8
	5.71		14320	VB	9
	5.93		5841	BB	10
	6.27		277410	VV	11
	6.46		75542	VV	12
	6.67		27411	VV	13
	6.86		14844	VV	14
	7.06		16672	VV	15
	7.18		17161	VV	16
	7.34		82454	VV	17
	7.52		25111	VV	18
	7.64		137311	VE	19
	7.84		24489	EV	20
	8.00		65218	VV	21
	8.17		61478	VV	22
	8.50		140592	VV	23
	8.76		104419	VV	24
	9.02		65489	VB	25
	9.41		122434	BV	26
	9.54		94690	VV	27
	9.75		78203	VV	28
	9.91		136442	VV	29
	10.26		82548	VV	30
	10.46		195699	VV	31
	10.92		158103	VV	32
	11.16		74286	VV	33
	11.36		61416	VV	34
	11.64		2933536	VE	35
	11.92		98730	EV	36
	12.14		32238	EV	37
	12.30		95355	EV	38
	12.47		51241	VV	39
	12.63		114175	VV	40
	12.91		73874	VV	41
	13.27		87804	VV	42
	13.36		35047	VV	43
	13.60		186309	VV	44
	13.97		122987	VV	45
	14.18		2744337	VE	46
	14.40		118842	EV	47
	14.70		27290	VV	48
	14.82		756287	VV	49
	14.98		337273	VV	50

Sample ID: 43061 3290 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_011 Analysis Date: 26-APR-1996 00:22:12

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	15.09		118530	VV	51
	15.43		4333480	VE	52
	15.58		652867	EV	53
	16.03		314536	VE	54
	16.21		32419	EV	55
	16.33		104097	VV	56
	16.49		85503	VV	57
	16.72		49260	VV	58
	16.86		213747	VV	59
	16.98		931542	VV	60
AROCLOR-1254	17.13	1.90	2004995	VE	61
	17.36		314584	EV	62
	17.73		732124	VV	63
AROCLOR-1254-2	17.92	1.92	2777291	VV	64
	18.12		1016960	VE	65
	18.36		108042	EV	66
	18.53		215341	VV	67
	18.71		881574	VV	68
	18.90		1966295	VV	69
	19.10		6892441	VV	70
AROCLOR-1254-3	19.25	1.84	3342190	VV	71
	19.67		799723	VV	72
	19.88		5329428	VV	73
	20.15		3601654	VE	74
	20.48		436041	EV	75
	20.71		624857	EV	76
AROCLOR-1254-4	20.92	2.12	1702715	VV	77
	21.09		2351899	VV	78
	21.38		869808	VV	79
	21.73		5879126	VV	80
AROCLOR-1254-5	21.91	1.93	3413751	VE	81
	22.20		273523	EV	82
	22.47		343712	EV	83
	22.65		235196	VV	84
	22.88		996177	VE	85
	23.02		82153	EV	86
	23.30		392465	VV	87
	23.49		170330	VV	88
	23.68		558998	VV	89
	23.88		145641	VV	90
	24.00		73939	VV	91
	24.22		464909	VE	92
	24.45		39514	EV	93
	24.67		19108	VB	94
	25.25		420106	BV	95
	25.52		91312	VV	96
	25.70		111183	VE	97
	25.94		34446	EV	98
	26.14		114789	VB	99
	26.50		50674	BV	100
	26.72		161436	VV	101

Sample ID: 43061 3290 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_011 Analysis Date: 26-APR-1996 00:22:12

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	27.06		30054	VV	102
	27.36		161286	VV	103
	27.75		7594	VV	104
	28.14		85503	VV	105
	28.31		14813	VB	106
	28.74		170026	BV	107
	29.06		106068	VV	108
	29.27		54140	VV	109
	29.44		63522	VV	110
	29.74		83969	VV	111
DCB	30.04	-1.04E-04	57208	VV	112
	30.32		87846	VB	113
	30.95		42308	BV	114
	31.16		14382	VB	115
	32.43		8721	BV	116
	32.81		19141	VV	117
	33.17		32674	VV	118
	33.36		49136	VB	119
	33.99		26593	BE	120
	36.07		164749	BV	121
	36.27		14409	VV	122
	36.48		74295	VV	123
	36.99		109558	VV	124
	37.47		27412	VB	125

Average result...1.94 UG/ML

Run Number..... 11 End of Report.

Project No. 8
Book No. 1089 TITLE ecology and environment, Inc.

From Page No.

CAPILLARY GAS CHROMATOGRAPHY CONDITIONS

Lab Notebook: 1089 Page: 70
Method:
Job No: Case No: SDG:
Initial Calibration Date: 4/25/96
Initial Calibration Notebook: 1089 Page: 70
Operator: L Atherton Initials: DG
Instrument: HP 5890 #12 Date: 4/25/96

Column
*Liquid Phase: RTX-5
*Length 30 M
*Diameter 0.53 mm
*Film Thickness 1.0 um

Inj. Volume: 2.0 ul
Detector: ECD
Range: 2
Attn: 2
Solvent: Hexane

Carrier Gas He
*Head Pressure: – psig
*Flow Rate 4.2 ml/min.
*Linear Velocity – u

Makeup Gas: N2
*Flow Rate 80 ml/min.

Temperature, C
*Det: 300 Inj.: 200
*Col. Initial: 150
*Initial Hold: 1 min.
*Col. Rate: 5 C/min.
*Col. Final: 280
*Final Hold 11 min.

CAPILLARY GAS CHROMATOGRAPHY CONDITIONS

Lab Notebook: 1089 Page: 70
Method:
Job No: Case No: SDG:
Initial Calibration Date: 4/25/96
Initial Calibration Notebook: 1089 Page: 70
Operator: Denise G. Initials: DG
Instrument: HP5890 #12 Date: 4/25/96

Column
*Liquid Phase: RTX-35
*Length 30 M
*Diameter 0.53 mm
*Film Thickness 0.5 um

Inj. Volume: 2.0 ul
Detector: ECD
Range: 2
Attn: 2
Solvent: Hexane

Carrier Gas He
*Head Pressure: – psig
*Flow Rate 4.2 ml/min.
*Linear Velocity u

Makeup Gas: N2
*Flow Rate 80 ml/min.

Temperature, C
*Det: 300 Inj.: 200
*Col. Initial: 150
*Initial Hold: 1 min.
*Col. Rate: 5 C/min.
*Col. Final: 280
*Final Hold 11 min.

Test Performed: PCB - Air
Method Number:
Date: 4-25-96
Work Performed By: DG

Confirmation

Job No.	ID No.	Run #	Datafile	Dil	Analyst comments
	Hexane	1	0425-001		DG —
	0.1 ng/ml AR1254	2	-002		445-154-1
	0.2	3	-003		445-154-2
	0.4	4	-004		445-154-3
	0.5	5	-005		445-154-4
	1.0	6	-006		445-154-5
9600.785	43059.01 3290	7	-007		(spikes AR1254) FV=1m
	43059.01 3220	8	-008		
	43060.01 3290	9	-009		
	43060.01 3220	10	-010		
	43061.01 3290	11	-011		
	43061.01 3220	12	-012		
	43062.01 3200	13	-013		Blind spike
	43062.01 3210	14	-014		

To Page No. 71

Witnessed & Understood by me, | Date | Invented by | Date
Recorded by

From Page No. 70

All parameters as per 1089-70

Test Performed: PCB
Method Number:
Date: 4-25-96
Work Performed By: D.

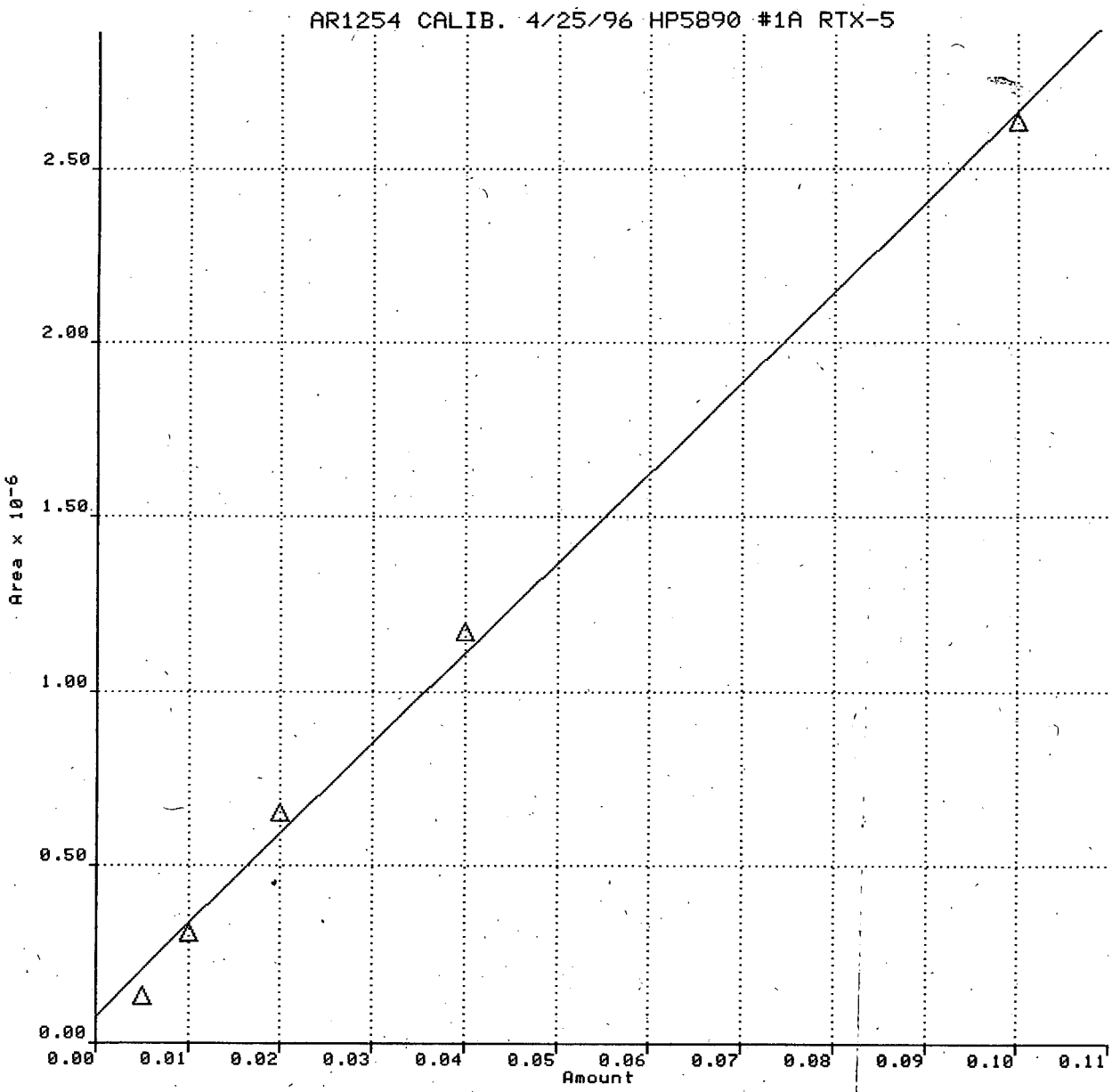
Job No.	ID No.	Run#	Datafile	Dil	Analyst	Comments
9600.785	43063.01 3200	15	6-0425-015		DG	Blind spike
	43063.01 3210	16	-016			
—	AR1254 0.4 mg/ml	17	-017			445-154-3
9600.785	43064.01 3200	18	-018			Blind spike
	43064.01 3210	19	-019			
	43065.01 3200	20	-020			Blank Tube
	43065.01 3210	21	-021			
	43066.01 3200	22	-022			
	43066.01 3210	23	-023			
	43067.01 3200	24	-024			
	43067.01 3210	25	-025			
	43068.01 3200	26	-026			30L → 1ml
	43068.01 3210	27	-027			
—	AR1254 0.4 mg/ml	28	-028			445-154-3
9600.785	43069.01 3200	29	-029			30L → 1ml
	43069.01 3210	30	-030			
	43070.01 3200	31	-031			
	43070.01 3210	32	-032			
	43071.01 3200	33	-033			
	43071.01 3210	34	-034			
—	AR1254 0.4 mg/ml	35	-035			445-154.3

To Page No.

Witnessed & Understood by me,	Date	Invented by	Date
		Recorded by	

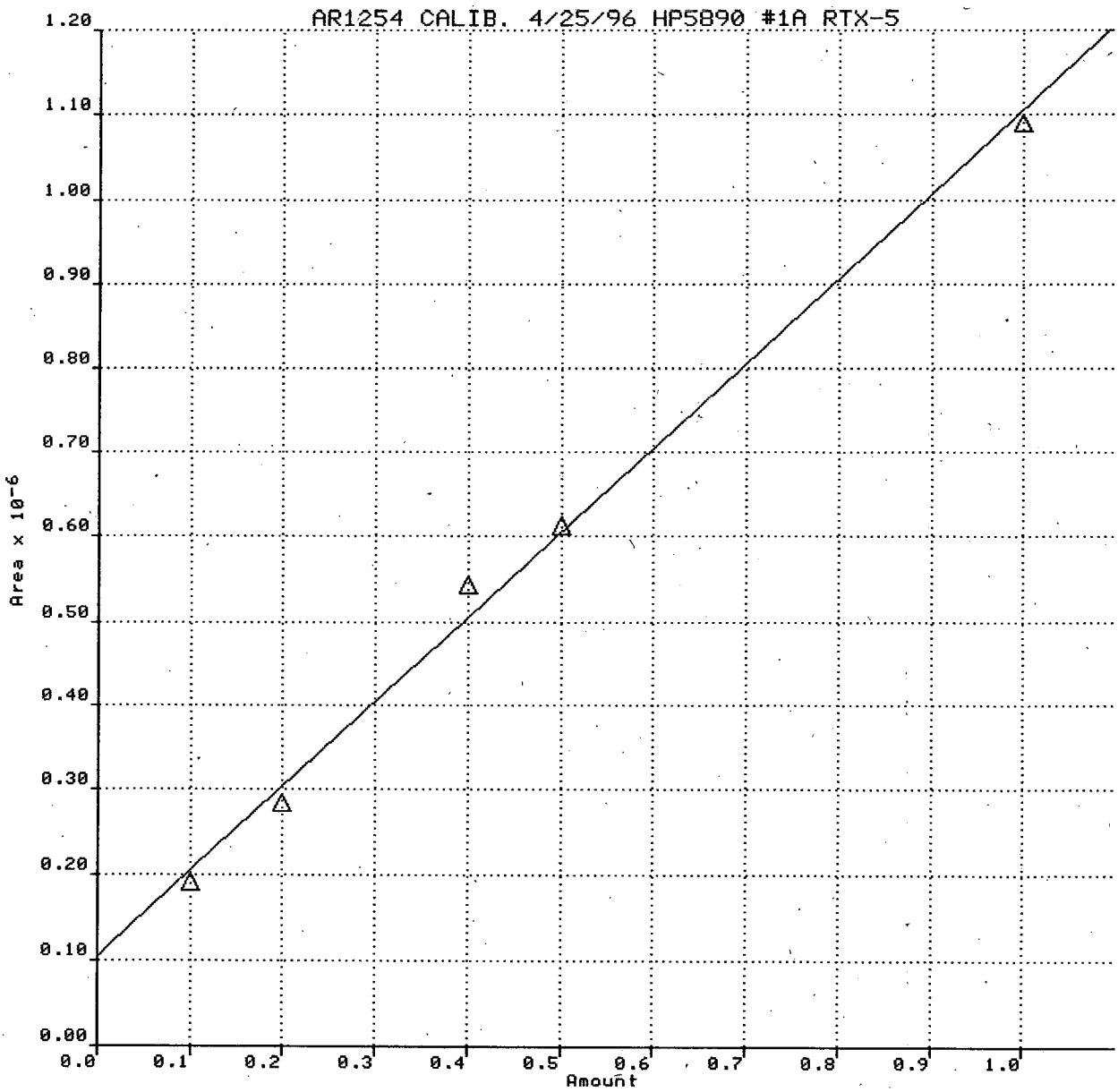
Method: DKB100:[LEWANDOWSKI]5_1254_0425.MET;25
Component: TCMX
Date: 29-APR-1996 13:00:30.64
Linear fit, Origin Treament....Ignore.
K0: 7.2309E+04 K1: 2.5883E+07
Coeff. of determination: 0.9965

Standard Sample	Component Area	Component Mass	% Rel. St. Dev.
0.1 AR1254	133989	5.0000E-03	
0.2 AR1254	306625	1.0000E-02	
0.4 AR1254	648781	2.0000E-02	
0.5 AR1254	1173252	4.0000E-02	
1.0 AR1254	2628464	0.10000	



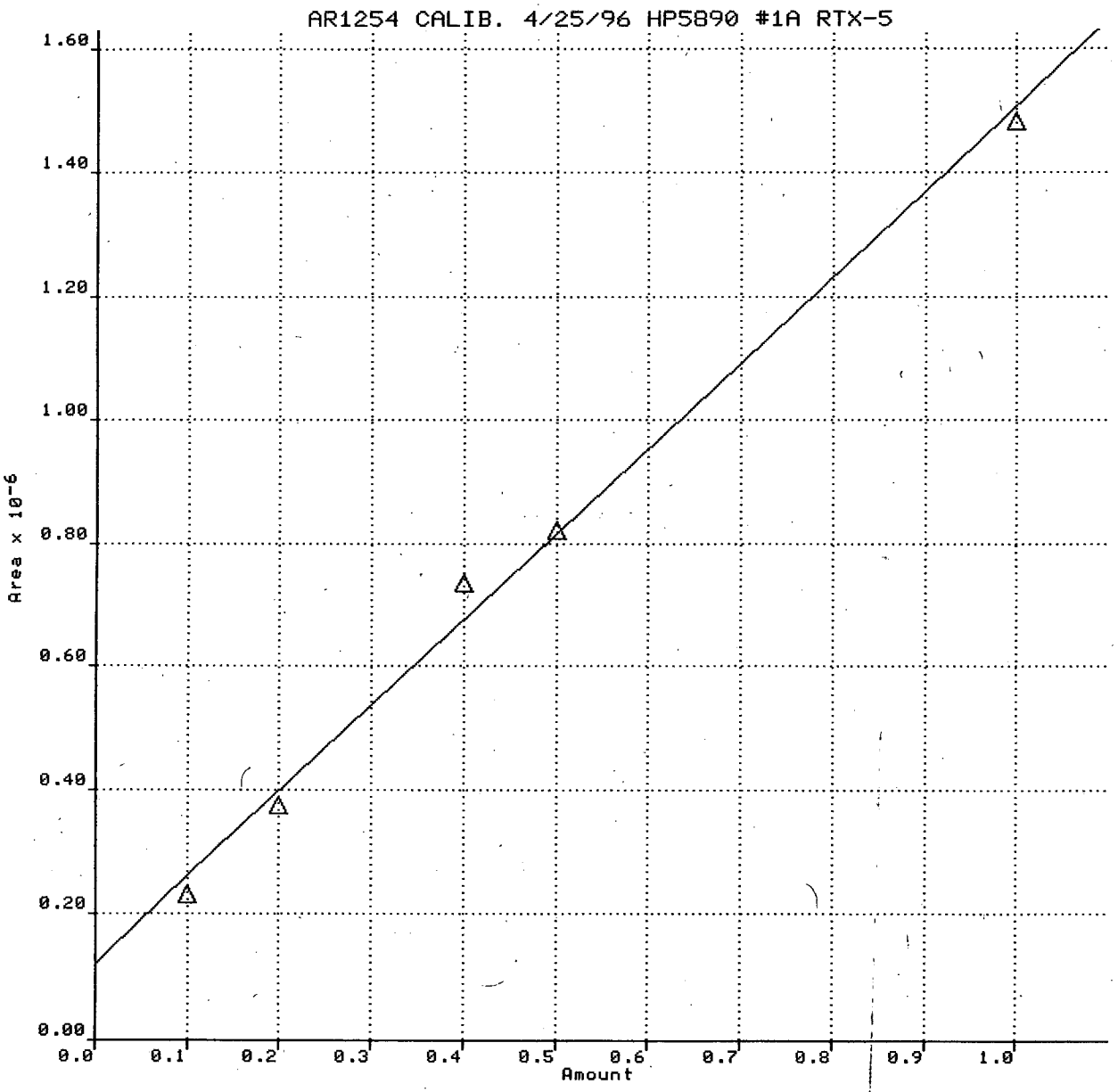
Method: DKB100:[LEWANDOWSKI]5_1254_0425.MET;25
Component: AROCLOR-1254
Date: 29-APR-1996 13:00:30.94
Linear fit, Origin Treament....Ignore.
K0: 1.0310E+05 K1: 1.0026E+06
Coeff. of determination: 0.9951

Standard Sample	Component Area	Component Mass	% Rel. St. Dev.
0.1 AR1254	190047	0.10000	
0.2 AR1254	283569	0.20000	
0.4 AR1254	543892	0.40000	
0.5 AR1254	612782	0.50000	
1.0 AR1254	1090988	1.0000	



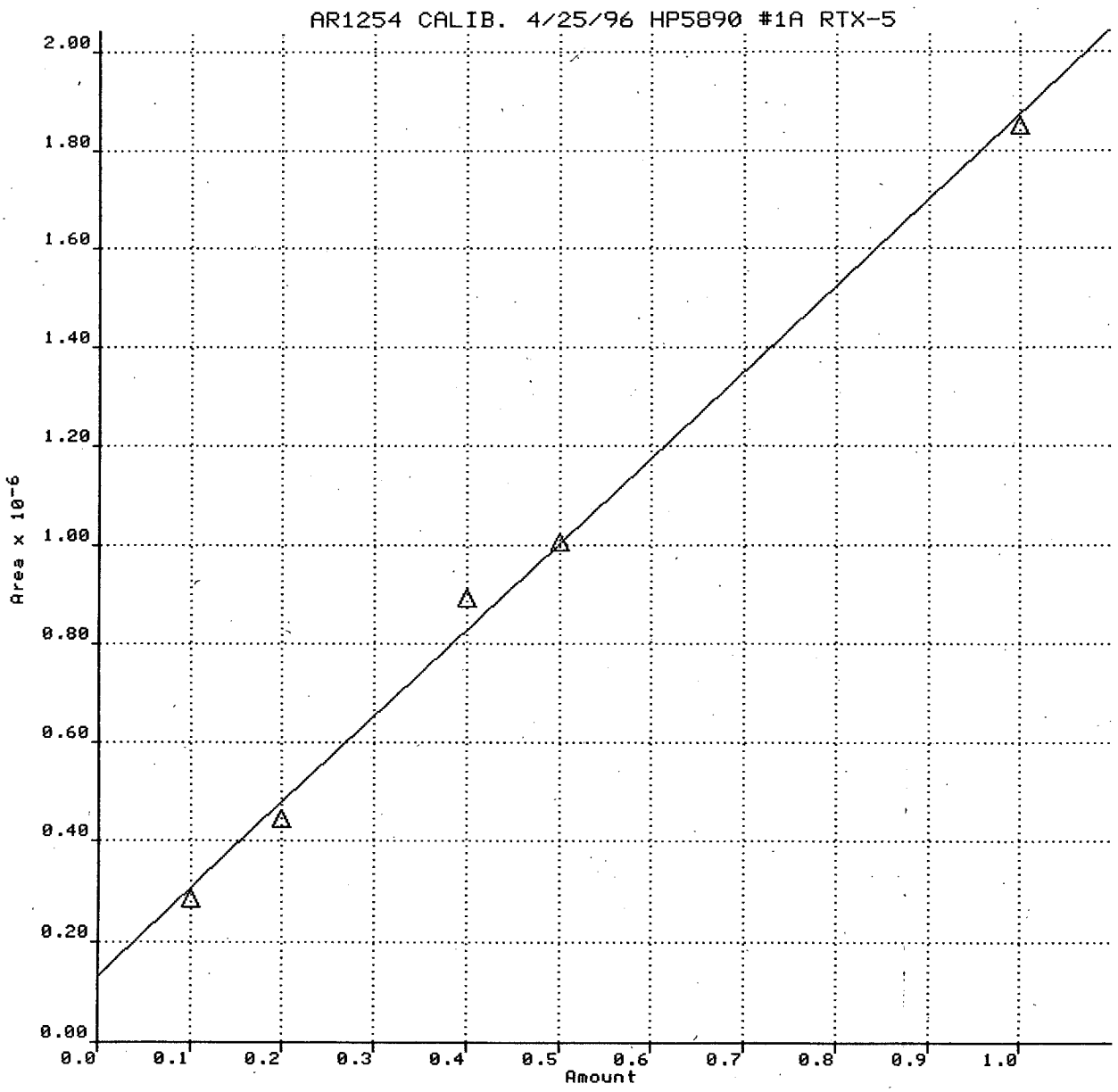
Method: DKB100:[LEWANDOWSKI]5_1254_0425.MET;25
Component: AROCLOR-1254-2
Date: 29-APR-1996 13:00:31.24
Linear fit, Origin Treament....Ignore.
K0: 1.2013E+05 K1: 1.3870E+06
Coeff. of determination: 0.9944

Standard Sample	Component Area	Component Mass	% Rel. St. Dev.
0.1 AR1254	232410	0.10000	
0.2 AR1254	376125	0.20000	
0.4 AR1254	735110	0.40000	
0.5 AR1254	823176	0.50000	
1.0 AR1254	1485170	1.0000	



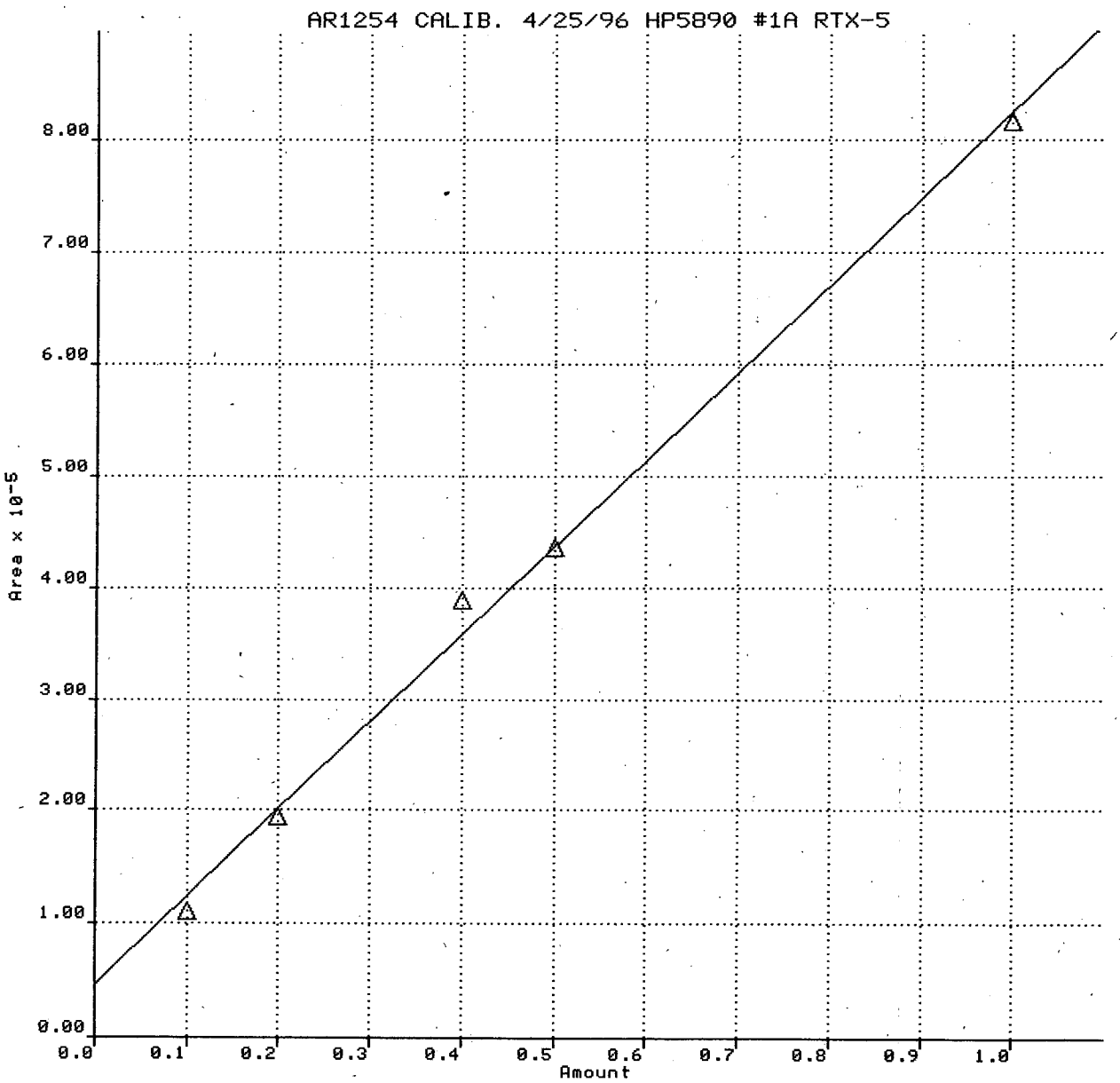
Method: DKB100:[LEWANDOWSKI]5_1254_0425.MET;25
Component: AROCLOR-1254-3
Date: 29-APR-1996 13:00:31.62
Linear fit, Origin Treament....Ignore.
K0: 1.3138E+05 K1: 1.7405E+06
Coeff. of determination: 0.9958

Standard Sample	Component Area	Component Mass	% Rel. St. Dev.
0.1 AR1254	287546	0.10000	
0.2 AR1254	446072	0.20000	
0.4 AR1254	893882	0.40000	
0.5 AR1254	1007638	0.50000	
1.0 AR1254	1850763	1.0000	



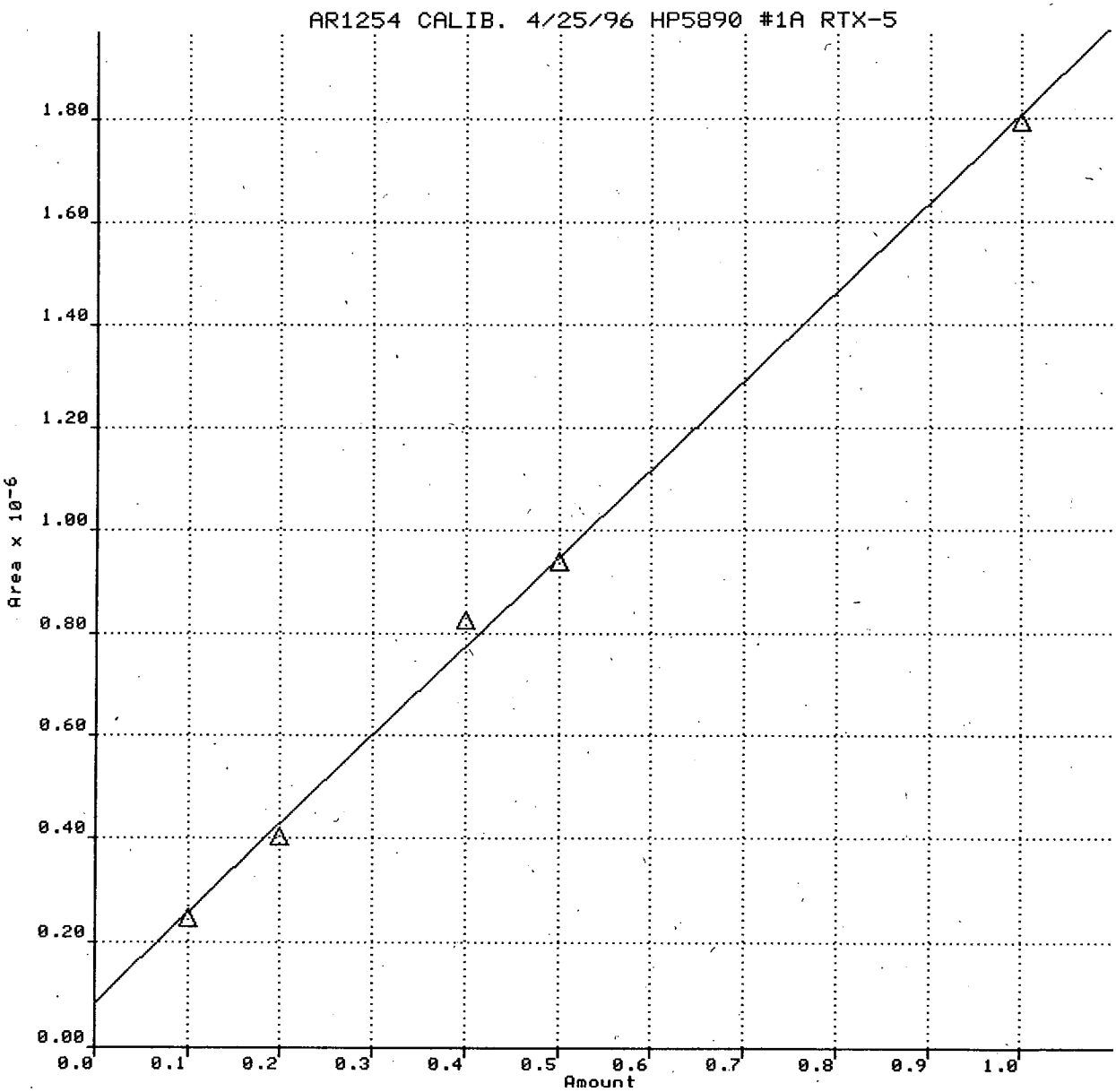
Method: DKB100:[LEWANDOWSKI]5_1254_0425.MET;25
Component: AROCLOR-1254-4
Date: 29-APR-1996 13:00:32.08
Linear fit, Origin Treament....Ignore.
K0: 4.5891E+04 K1: 7.8023E+05
Coeff. of determination: 0.9958

Standard Sample	Component Area	Component Mass	% Rel. St. Dev.
0.1 AR1254	110679	0.10000	
0.2 AR1254	193833	0.20000	
0.4 AR1254	388324	0.40000	
0.5 AR1254	436389	0.50000	
1.0 AR1254	816739	1.0000	



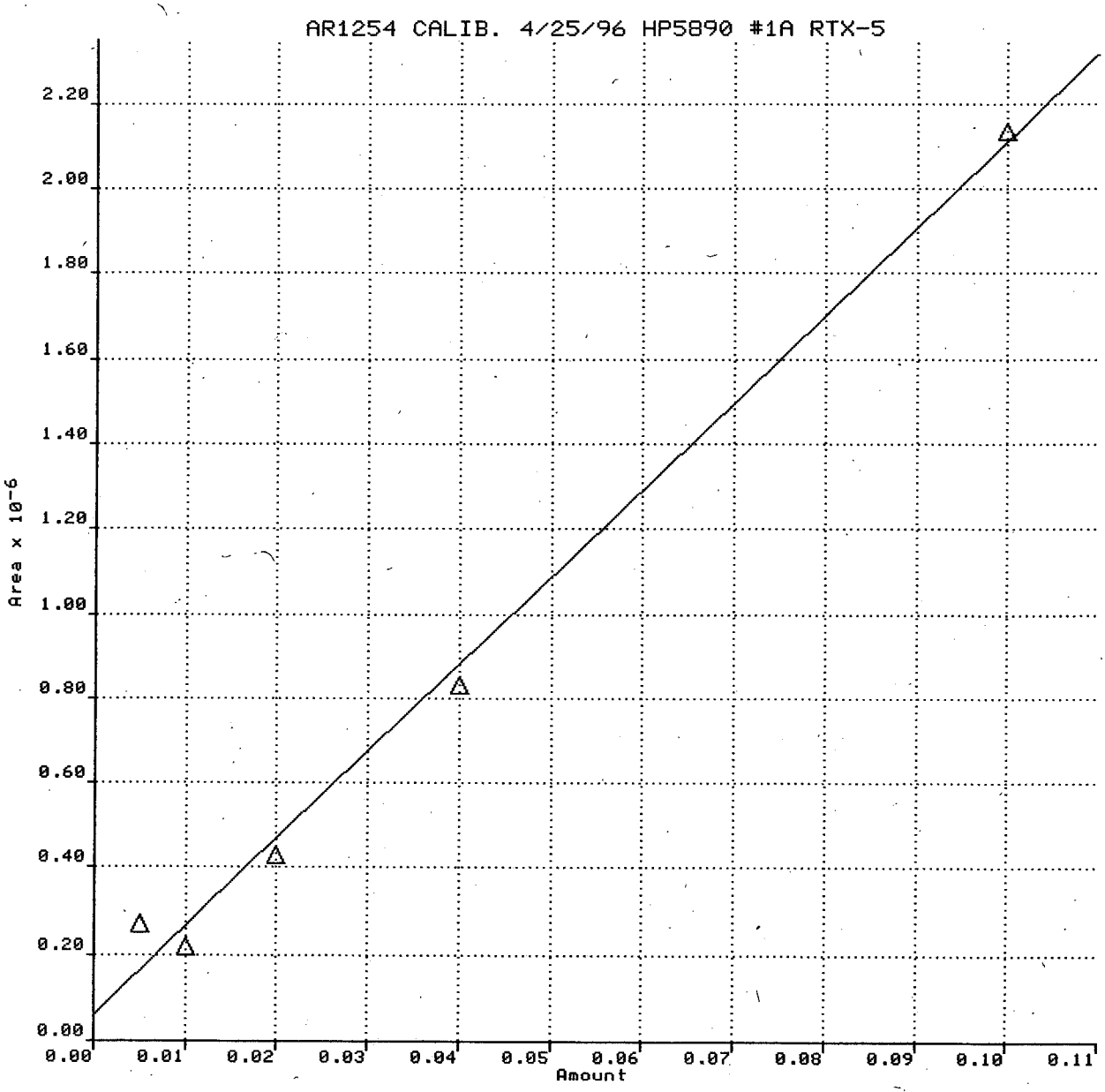
Method: DKB100:[LEWANDOWSKI]5_1254_0425.MET;25
Component: AROCLOR-1254-5
Date: 29-APR-1996 13:00:32.53
Linear fit, Origin Treament....Ignore.
K0: 8.3433E+04 K1: 1.7229E+06
Coeff. of determination: 0.9974

Standard Sample	Component Area	Component Mass	% Rel. St. Dev.
0.1 AR1254	246191	0.10000	
0.2 AR1254	402290	0.20000	
0.4 AR1254	826602	0.40000	
0.5 AR1254	938336	0.50000	
1.0 AR1254	1794054	1.0000	



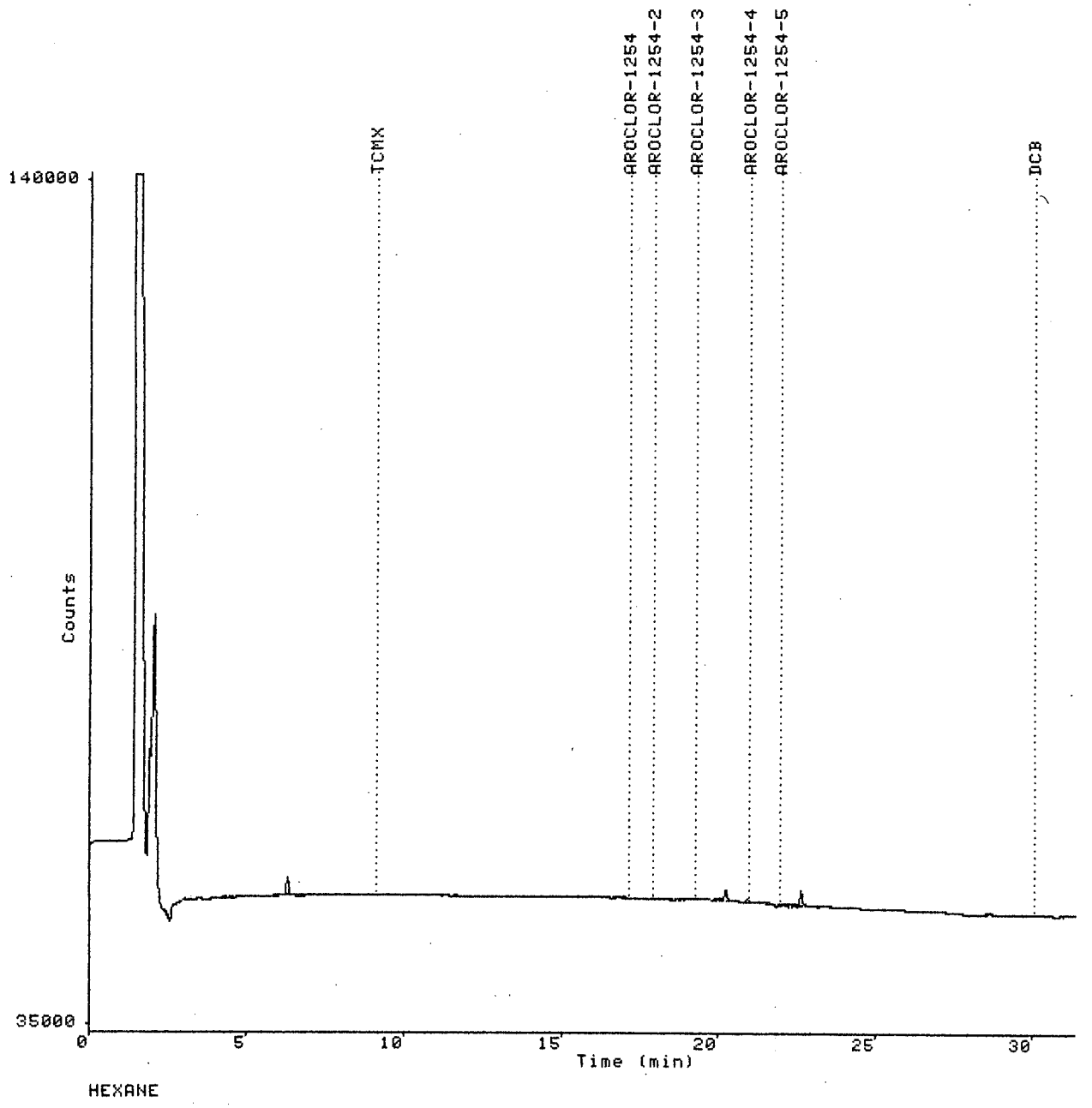
Method: DKB100:[LEWANDOWSKI]5_1254_0425.MET;25
Component: DCB
Date: 29-APR-1996 13:00:33.25
Linear fit, Origin Treament....Ignore.
K0: 5.9333E+04 K1: 2.0486E+07
Coeff. of determination: 0.9927

Standard Sample	Component Area	Component Mass	% Rel. St. Dev.
0.1 AR1254	269506	5.0000E-03	
0.2 AR1254	218682	1.0000E-02	
0.4 AR1254	429195	2.0000E-02	
0.5 AR1254	829627	4.0000E-02	
1.0 AR1254	2134784	0.10000	



Run Number..... 1
Sample Name..... HEXANE
Run Date..... 25-APR-1996 17:17:04
Raw File..... 5_0425_001
Method Name..... 5_1254_0425
Method Type..... Linear

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: HEXANE Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_001 Analysis Date: 25-APR-1996 17:17:04

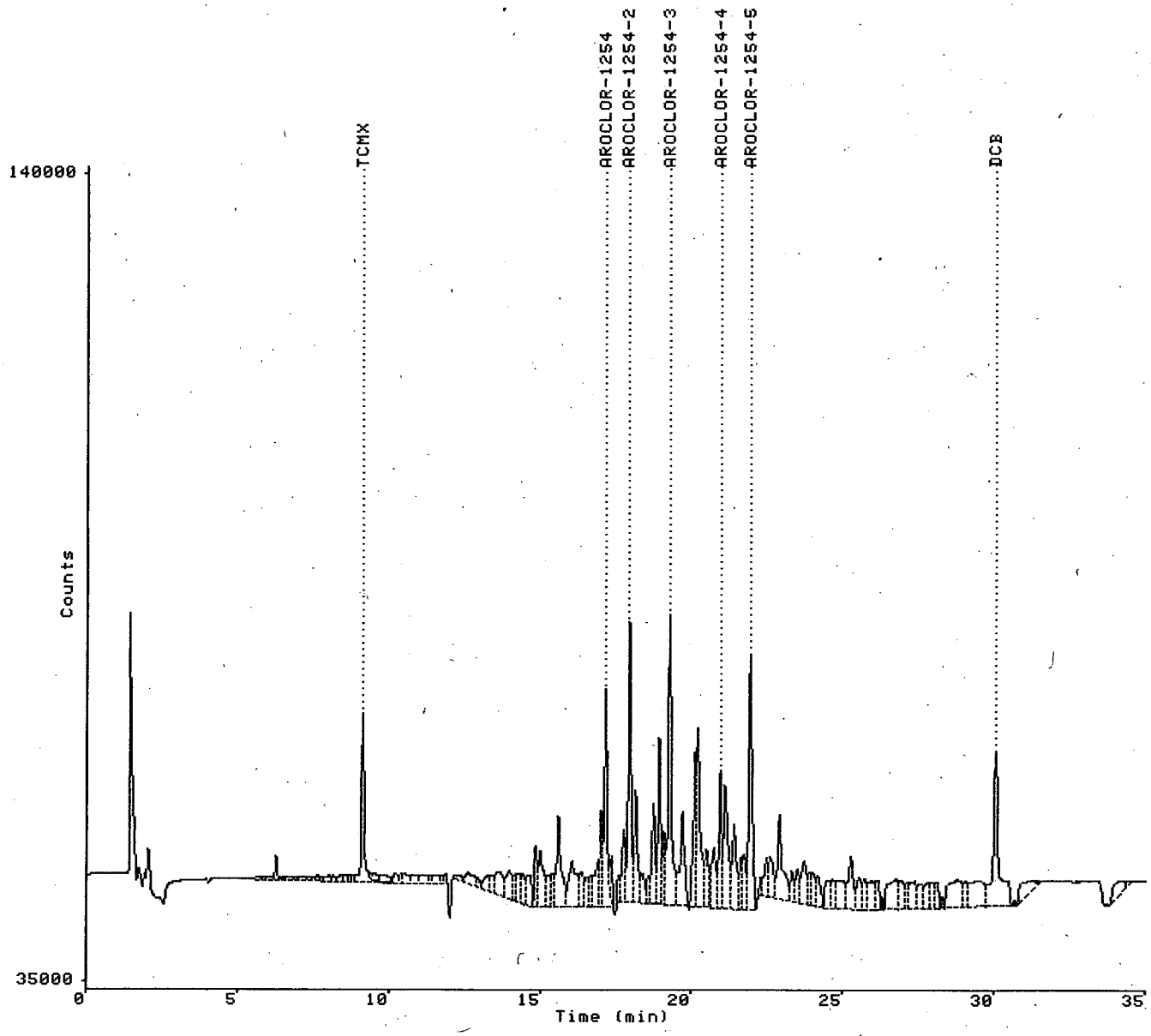
Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	6.31		12588	VE	1
	20.21		7869	VB	2
AROCLOR-1254-5	22.02	-0.0465	7795	BV	3
	22.29		2862	VV	4
	22.39		2653	VV	5
	22.60		14894	VE	6
	23.00		2898	EB	7

Average result...-0.0582 UG/ML

Run Number..... 1 End of Report.

Run Number..... 2
Sample Name..... 0.1 AR1254
Run Date..... 25-APR-1996 17:59:31
Raw File..... 5_0425_002
Method Name..... 5_1254_0425
Method Type..... Linear

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



0.1 AR1254

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 0.1 AR1254 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_002 Analysis Date: 25-APR-1996 17:59:31

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	6.28		13784	VE	1
	6.47		2766	EV	2
	6.69		5532	VV	3
	7.16		4395	VV	4
	7.37		3433	VV	5
	7.55		2908	VV	6
	7.64		3209	VV	7
	7.75		3095	VV	8
	8.02		7498	VV	9
	8.19		5363	VV	10
	8.45		6156	VV	11
	8.56		4762	VV	12
	8.72		3745	VV	13
	8.80		4176	VV	14
TCMX	9.13	0.00238	133989	VE	15
	9.53		13359	EV	16
	9.86		16907	EV	17
	10.09		2856	VV	18
	10.22		9643	VV	19
	10.41		6476	VV	20
	10.47		18215	VV	21
	10.83		14047	VV	22
	11.20		16480	VV	23
	11.38		6032	VV	24
	11.57		16017	VV	25
	11.75		4456	VV	26
	11.90		8732	VB	27
	12.30		8805	BV	28
	12.64		27877	VV	29
	12.94		8093	VV	30
	13.30		23072	VV	31
	13.37		19476	VV	32
	13.62		55490	VV	33
	13.98		51142	VV	34
	14.16		17650	VV	35
	14.28		33617	VV	36
	14.41		32098	VV	37
	14.63		49077	VB	38
	14.84		53681	BV	39
	14.99		82122	VV	40
	15.30		37429	VV	41
	15.40		32123	VV	42
	15.59		126684	VV	43
	16.04		100878	VV	44
	16.34		50747	VV	45
	16.55		27003	VV	46
	16.66		29294	VV	47
	16.89		57784	VV	48
	17.01		82929	VV	49
AROCLOR-1254	17.14	0.0867	190047	VE	50

Sample ID: 0.1 AR1254 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_002 Analysis Date: 25-APR-1996 17:59:31

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	17.34		32501	EB	51
	17.61		22108	BV	52
	17.74		65801	VV	53
AROCLOR-1254-2	17.93	0.0810	232410	VV	54
	18.14		114896	VV	55
	18.36		28545	VV	56
	18.56		21811	VV	57
	18.72		91258	VV	58
	18.91		136132	VV	59
	19.07		58054	VV	60
AROCLOR-1254-3	19.26	0.0897	287546	VV	61
	19.68		122018	VV	62
	20.10		119817	VV	63
	20.18		199260	VV	64
	20.48		62087	VV	65
	20.64		25277	VV	66
	20.72		61583	VV	67
AROCLOR-1254-4	20.93	0.0830	110679	VV	68
	21.08		180016	VV	69
	21.39		102491	VV	70
	21.65		47882	VV	71
	21.72		46332	VV	72
AROCLOR-1254-5	21.92	0.0945	246191	VB	73
	22.28		11454	BV	74
	22.48		43646	VV	75
	22.60		56803	VV	76
	22.90		122931	VV	77
	23.31		31091	VV	78
	23.50		36132	VV	79
	23.72		69864	VV	80
	23.90		29680	VV	81
	24.00		39292	VV	82
	24.18		32412	VB	83
	24.48		45396	BV	84
	24.67		36922	VV	85
	24.88		64739	VV	86
	25.26		86510	VV	87
	25.53		45292	VV	88
	25.71		43329	VV	89
	25.94		51342	VV	90
	26.13		33190	VB	91
	26.31		6805	BV	92
	26.61		90805	VV	93
	26.85		50773	VV	94
	27.12		29117	VV	95
	27.36		53012	VV	96
	27.56		38969	VV	97
	27.78		46949	VV	98
	27.94		28287	VV	99
	28.09		25748	VB	100
	28.28		6790	BV	101

Sample ID: 0.1 AR1254 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_002 Analysis Date: 25-APR-1996 17:59:31

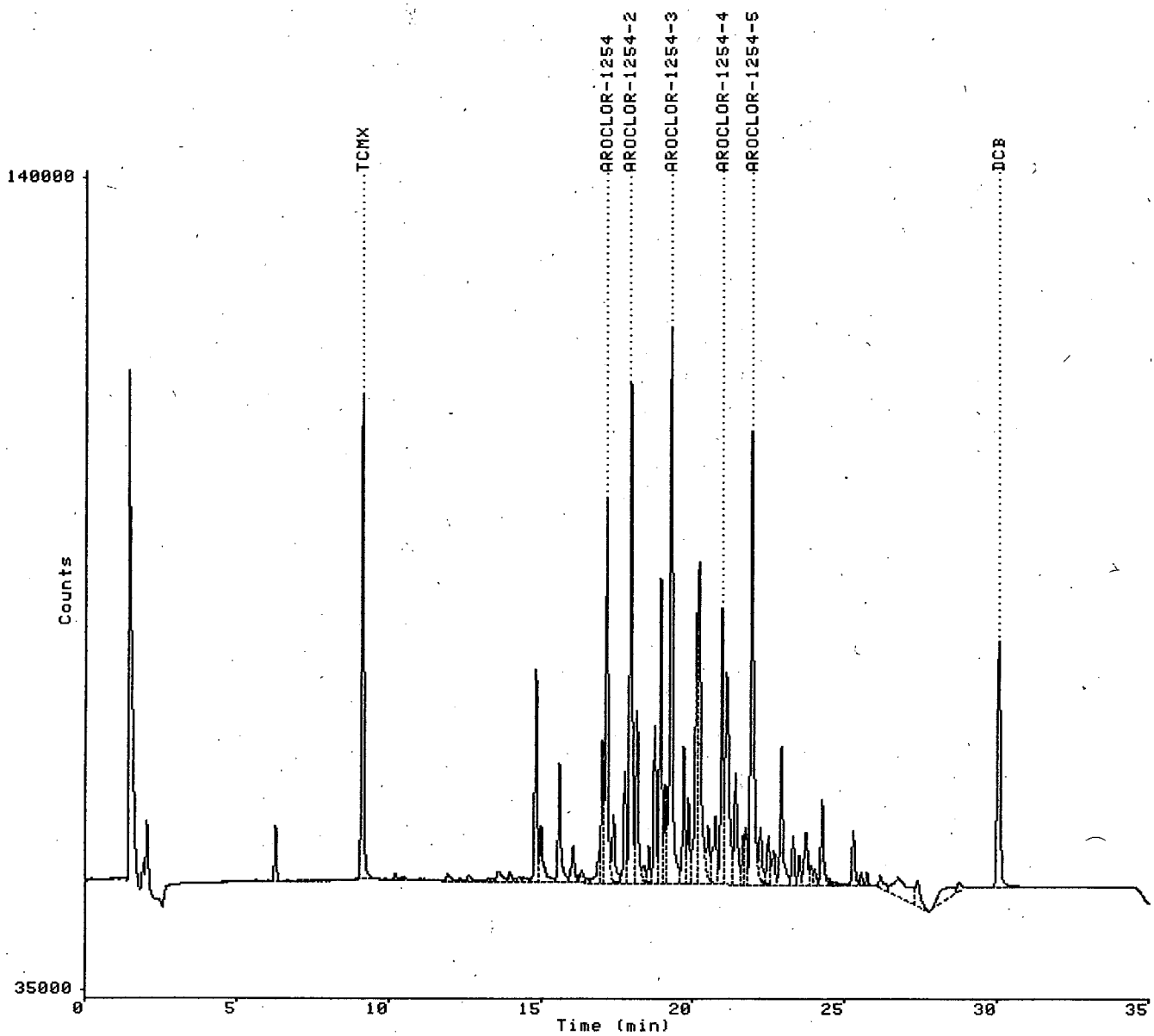
Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	28.68		114425	VV	102
	29.02		38941	VV	103
	29.47		115094	VV	104
DCB	30.04	0.0103	269506	VB	105
	30.67		3293	BB	106
	31.19		62763	BE	107
	34.26		43258	BV	108

Average result...0.0870 UG/ML

Run Number..... 2 End of Report.

Run Number..... 3
Sample Name..... 0.2 AR1254
Run Date..... 25-APR-1996 18:41:54
Raw File..... 5_0425_003
Method Name..... 5_1254_0425
Method Type..... Linear

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



0.2 AR1254

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 0.2 AR1254 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_003 Analysis Date: 25-APR-1996 18:41:54

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	6.27		33325	VE	1
TCMX	9.12	0.00905	306625	BB	2
	10.21		3885	BV	3
	10.47		3682	VE	4
	11.94		6505	VE	5
	12.63		5940	VE	6
	13.61		14407	VV	7
	13.98		8671	VV	8
	14.27		3983	VV	9
	14.42		4726	VV	10
	14.82		148015	VV	11
	14.98		57082	VV	12
	15.58		96058	VV	13
	16.04		32797	VE	14
	16.20		3154	EV	15
	16.33		11200	VV	16
	16.49		3052	VV	17
	16.88		24901	VV	18
	17.00		103337	VV	19
AROCLOR-1254	17.13	0.180	283569	VE	20
	17.37		60813	EV	21
	17.73		83522	VV	22
AROCLOR-1254-2	17.93	0.185	376125	VV	23
	18.13		138186	VE	24
	18.36		14366	EV	25
	18.53		29016	EV	26
	18.72		111899	VV	27
	18.90		220162	VV	28
	19.06		70410	VV	29
AROCLOR-1254-3	19.25	0.181	446072	VV	30
	19.67		97699	VV	31
	19.83		69492	VV	32
	20.10		191666	VV	33
	20.17		294313	VE	34
	20.48		46305	EV	35
	20.71		74427	EV	36
AROCLOR-1254-4	20.93	0.190	193833	VV	37
	21.08		261168	VV	38
	21.38		103822	VV	39
	21.64		34513	VV	40
	21.72		37881	VV	41
AROCLOR-1254-5	21.91	0.185	402290	VE	42
	22.20		44202	EV	43
	22.48		41101	EV	44
	22.65		32455	VV	45
	22.89		119505	VV	46
	23.30		36281	VV	47
	23.49		21517	VV	48
	23.70		56299	VV	49
	23.88		16976	VV	50

Sample ID: 0.2 AR1254 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_003 Analysis Date: 25-APR-1996 18:41:54

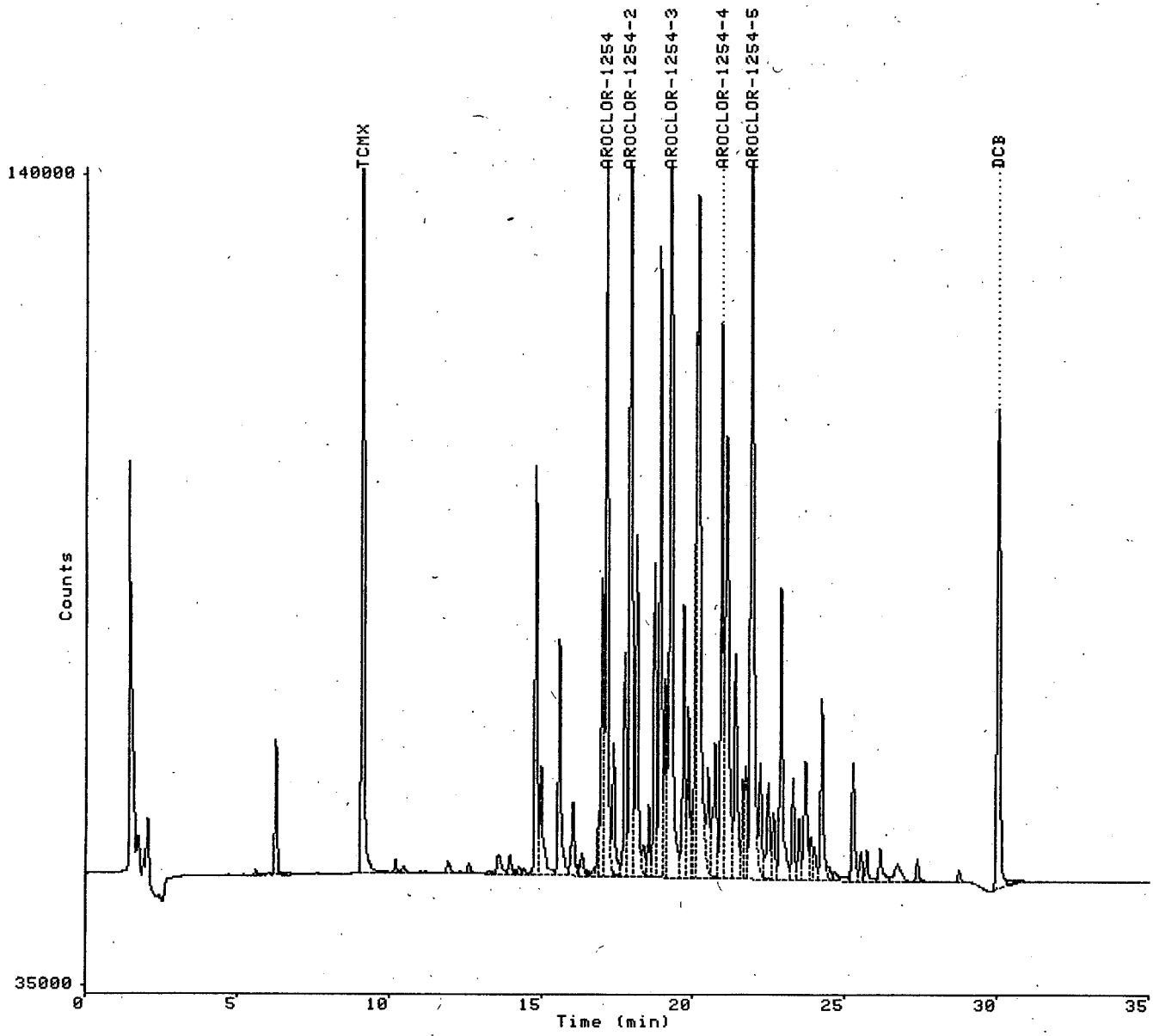
Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	24.00		12494	VV	51
	24.23		67310	VE	52
	24.45		5003	EV	53
	24.66		3859	EV	54
	25.26		44315	VE	55
	25.52		8173	EV	56
	25.70		8555	VB	57
	26.15		18478	BV	58
	26.73		89620	VV	59
	27.37		36833	VB	60
	28.47		56247	BV	61
	28.75		11590	VB	62
DCB	30.03	0.00778	218682	VE	63
	35.84		33153	BE	64

Average result...0.184 UG/ML

Run Number..... 3 End of Report.

Run Number..... 4
Sample Name..... 0.4 AR1254
Run Date..... 25-APR-1996 19:24:21
Raw File..... 5_0425_004
Method Name..... 5_1254_0425
Method Type..... Linear

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



0.4 AR1254

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 0.4 AR1254 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_004 Analysis Date: 25-APR-1996 19:24:21

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	5.62		4554	VB	1
	6.06		3088	VV	2
	6.27		84161	VE	3
	6.47		2789	EV	4
	6.68		3226	EV	5
TCMX	9.12	0.0223	648781	VE	6
	10.21		8304	BV	7
	10.47		6970	VB	8
	11.94		11914	BE	9
	12.63		6940	BB	10
	13.61		24589	VV	11
	13.98		14636	VE	12
	14.27		5760	VV	13
	14.42		5026	VV	14
	14.81		281165	VV	15
	14.98		104219	VV	16
	15.58		185291	VV	17
	16.03		63671	VE	18
	16.20		4707	EV	19
	16.33		19519	VE	20
	16.48		3407	EV	21
	16.73		5370	VV	22
	16.87		40706	VV	23
	16.99		215357	VV	24
AROCLOR-1254	17.13	0.440	543892	VE	25
	17.36		115360	EV	26
	17.73		164232	VV	27
AROCLOR-1254-2	17.92	0.443	735110	VV	28
	18.12		264890	VE	29
	18.36		26583	EV	30
	18.52		55132	EV	31
	18.72		220731	VV	32
	18.90		448647	VV	33
	19.06		140480	VV	34
AROCLOR-1254-3	19.25	0.438	893882	VV	35
	19.67		194531	VV	36
	19.83		137306	VV	37
	19.99		48697	VV	38
	20.09		292341	VV	39
	20.16		620932	VE	40
	20.48		86924	EV	41
	20.71		143063	EV	42
AROCLOR-1254-4	20.92	0.439	388324	VV	43
	21.08		531027	VV	44
	21.38		202971	VV	45
	21.63		68703	VV	46
	21.72		76914	VV	47
AROCLOR-1254-5	21.91	0.431	826602	VE	48
	22.20		89682	EV	49
	22.47		83390	EV	50

Sample ID: 0.4 AR1254 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_004 Analysis Date: 25-APR-1996 19:24:21

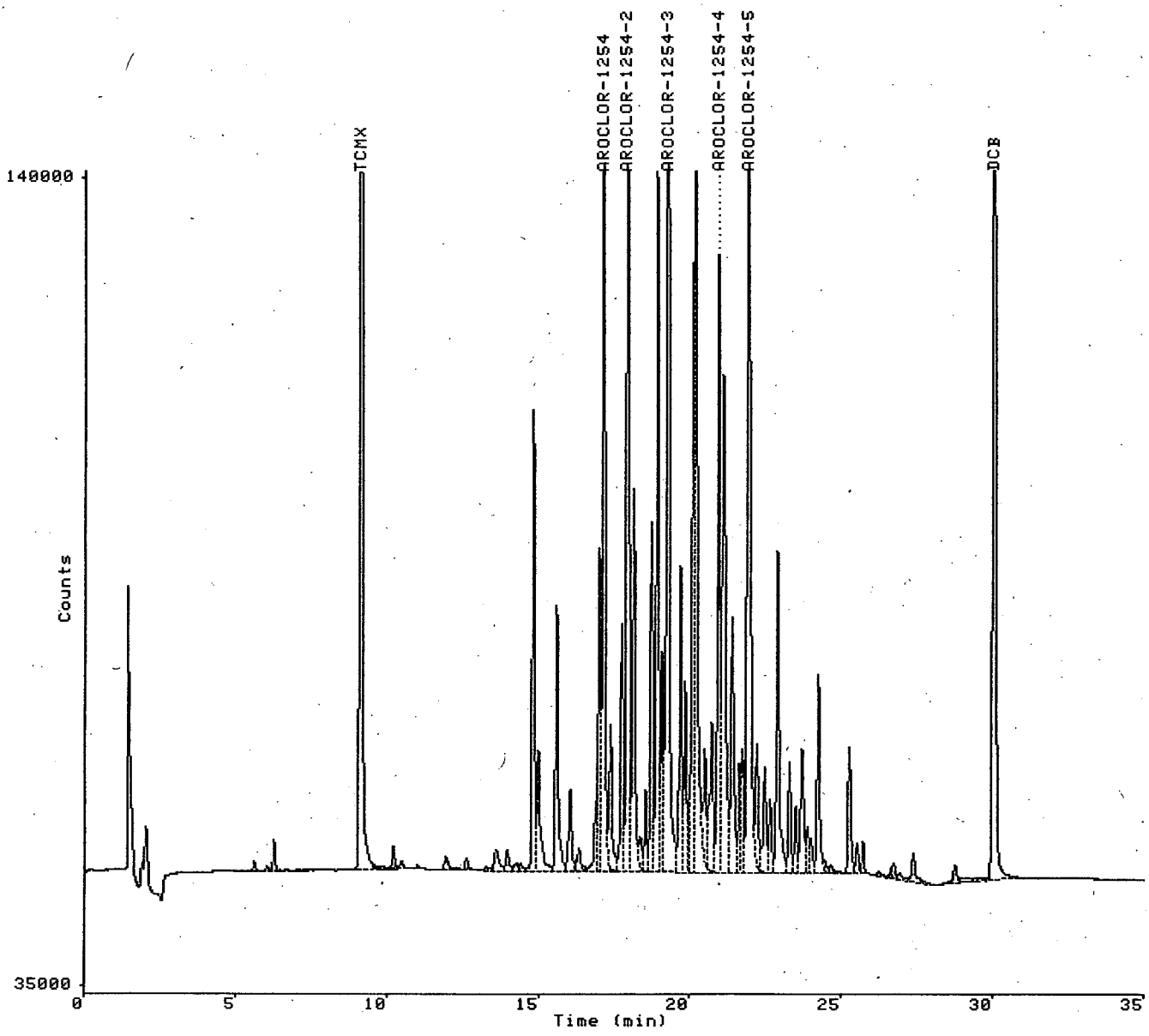
Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	22.65		58959	VV	51
	22.88		246076	VV	52
	23.29		75303	VV	53
	23.49		45306	VV	54
	23.69		120200	VV	55
	23.88		36993	VV	56
	23.99		26169	VV	57
	24.23		142670	VE	58
	24.45		12428	EV	59
	24.66		11744	EV	60
	24.90		7254	VV	61
	25.25		97760	VV	62
	25.51		22263	VV	63
	25.70		26398	VV	64
	26.14		35464	VV	65
	26.73		36095	VV	66
	27.37		17073	VE	67
	28.75		8160	VB	68
DCB	30.03	0.0181	429195	BE	69
	30.48		6326	EV	70

Average result...0.438 UG/ML

Run Number..... 4 End of Report.

Run Number..... 5
Sample Name..... 0.5 AR1254
Run Date..... 25-APR-1996 20:07:12
Raw File..... 5_0425_005
Method Name..... 5_1254_0425
Method Type..... Linear

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



0.5 AR1254

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 0.5 AR1254 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_005 Analysis Date: 25-APR-1996 20:07:12

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	5.62		7344	VB	1
	6.06		4098	VV	2
	6.27		20027	VE	3
TCMX	9.12	0.0425	1173252	VE	4
	9.71		4787	EV	5
	9.87		4337	EV	6
	10.21		16371	EV	7
	10.47		8368	VB	8
	11.94		13517	BE	9
	12.63		8318	VE	10
	13.61		26203	VV	11
	13.98		16945	VV	12
	14.27		6690	VV	13
	14.42		5176	VV	14
	14.81		319756	VV	15
	14.98		116079	VV	16
	15.58		207452	VV	17
	16.03		69666	VE	18
	16.20		5100	EV	19
	16.33		20648	VE	20
	16.48		3146	EV	21
	16.87		48703	VV	22
	16.99		238728	VV	23
AROCLOR-1254	17.13	0.508	612782	VE	24
	17.36		128298	EV	25
	17.73		184955	VV	26
AROCLOR-1254-2	17.92	0.507	823176	VV	27
	18.12		297041	VE	28
	18.36		29255	EV	29
	18.53		61878	EV	30
	18.72		248907	VV	31
	18.90		507570	VV	32
	19.06		158441	VV	33
AROCLOR-1254-3	19.25	0.503	1007638	VV	34
	19.67		217895	VV	35
	19.83		153251	VV	36
	19.99		52307	VV	37
	20.10		354941	VV	38
	20.16		669229	VE	39
	20.48		98550	EV	40
	20.71		159894	EV	41
AROCLOR-1254-4	20.92	0.500	436389	VV	42
	21.08		597860	VV	43
	21.38		230806	VV	44
	21.63		75530	VV	45
	21.72		85572	VV	46
AROCLOR-1254-5	21.91	0.496	938336	VE	47
	22.20		99746	EV	48
	22.47		91991	EV	49
	22.65		61300	VV	50

Sample ID: 0.5 AR1254 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_005 Analysis Date: 25-APR-1996 20:07:12

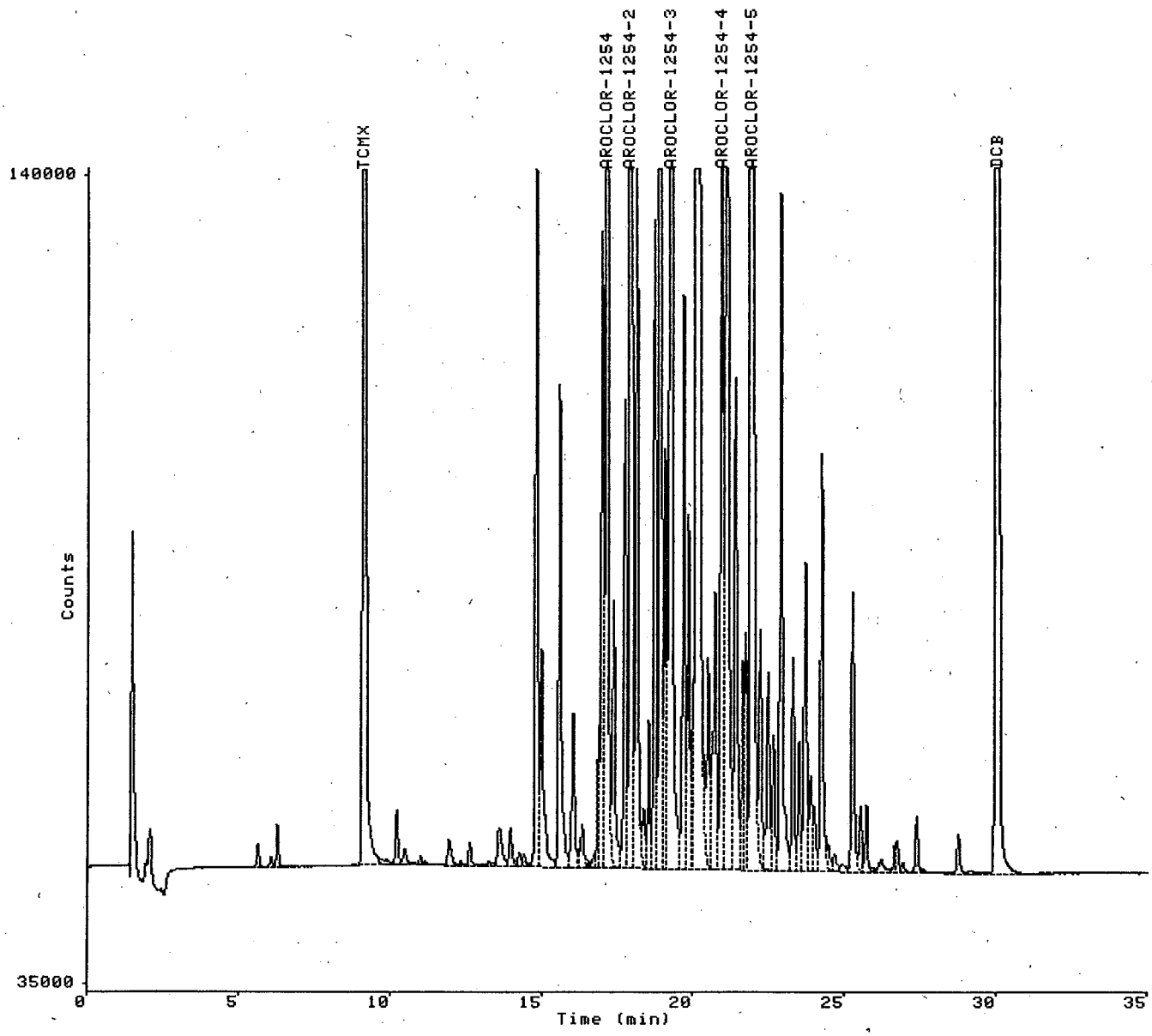
Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	22.88		273611	VV	51
	23.29		82237	VV	52
	23.49		48888	VV	53
	23.70		130735	VV	54
	23.88		39508	VV	55
	24.00		28083	VV	56
	24.23		156991	VE	57
	24.45		11066	EV	58
	24.66		8534	EV	59
	24.90		2709	VV	60
	25.26		104359	VV	61
	25.52		21230	VV	62
	25.70		21206	VB	63
	26.22		4467	BV	64
	26.67		6640	VV	65
	26.72		10905	VV	66
	26.92		8163	VV	67
	27.37		29347	VB	68
	28.75		22721	BE	69
	29.16		13176	EV	70
	29.44		3165	EV	71
	29.59		5948	VV	72
DCB	30.03	0.0376	829627	VB	73

Average result...0.503 UG/ML

Run Number..... 5 End of Report.

Run Number..... 6
Sample Name..... 1.0 AR1254
Run Date..... 25-APR-1996 20:49:33
Raw File..... 5_0425_006
Method Name..... 5_1254_0425
Method Type..... Linear

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



1.0 AR1254

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: 1.0 AR1254 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_006 Analysis Date: 25-APR-1996 20:49:33

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	5.64		15505	VE	1
	6.07		7309	VV	2
	6.28		26303	VE	3
TCMX	9.12	0.0988	2628464	VE	4
	9.88		15226	EV	5
	10.21		38989	EV	6
	10.47		19042	EV	7
	11.01		6024	VV	8
	11.94		25956	VE	9
	12.32		3746	EV	10
	12.63		17412	VE	11
	13.27		3996	VV	12
	13.36		2618	VV	13
	13.61		52844	VV	14
	13.98		31068	VE	15
	14.14		2804	EV	16
	14.27		12257	VV	17
	14.42		10627	VV	18
	14.81		567264	VV	19
	14.98		208161	VV	20
	15.58		375594	VV	21
	16.03		130803	VE	22
	16.20		9109	EV	23
	16.33		38107	VE	24
	16.49		6072	EV	25
	16.73		9445	VV	26
	16.87		90126	VV	27
	16.99		461334	VV	28
AROCLOR-1254	17.13	0.985	1090988	VE	29
	17.36		222321	EV	30
	17.73		342724	VV	31
AROCLOR-1254-2	17.92	0.984	1485170	VV	32
	18.12		531226	VE	33
	18.36		50279	EV	34
	18.52		109610	VV	35
	18.72		456228	VV	36
	18.90		956685	VV	37
	19.06		294475	VV	38
AROCLOR-1254-3	19.25	0.988	1850763	VV	39
	19.67		401441	VV	40
	19.83		280590	VV	41
	19.99		103779	VV	42
	20.15		1881742	VE	43
	20.48		195958	EV	44
	20.71		286177	EV	45
AROCLOR-1254-4	20.92	0.988	816739	VV	46
	21.09		1175121	VV	47
	21.38		417293	VV	48
	21.63		141556	VV	49
	21.71		154782	VV	50

Sample ID: 1.0 AR1254 Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_006 Analysis Date: 25-APR-1996 20:49:33

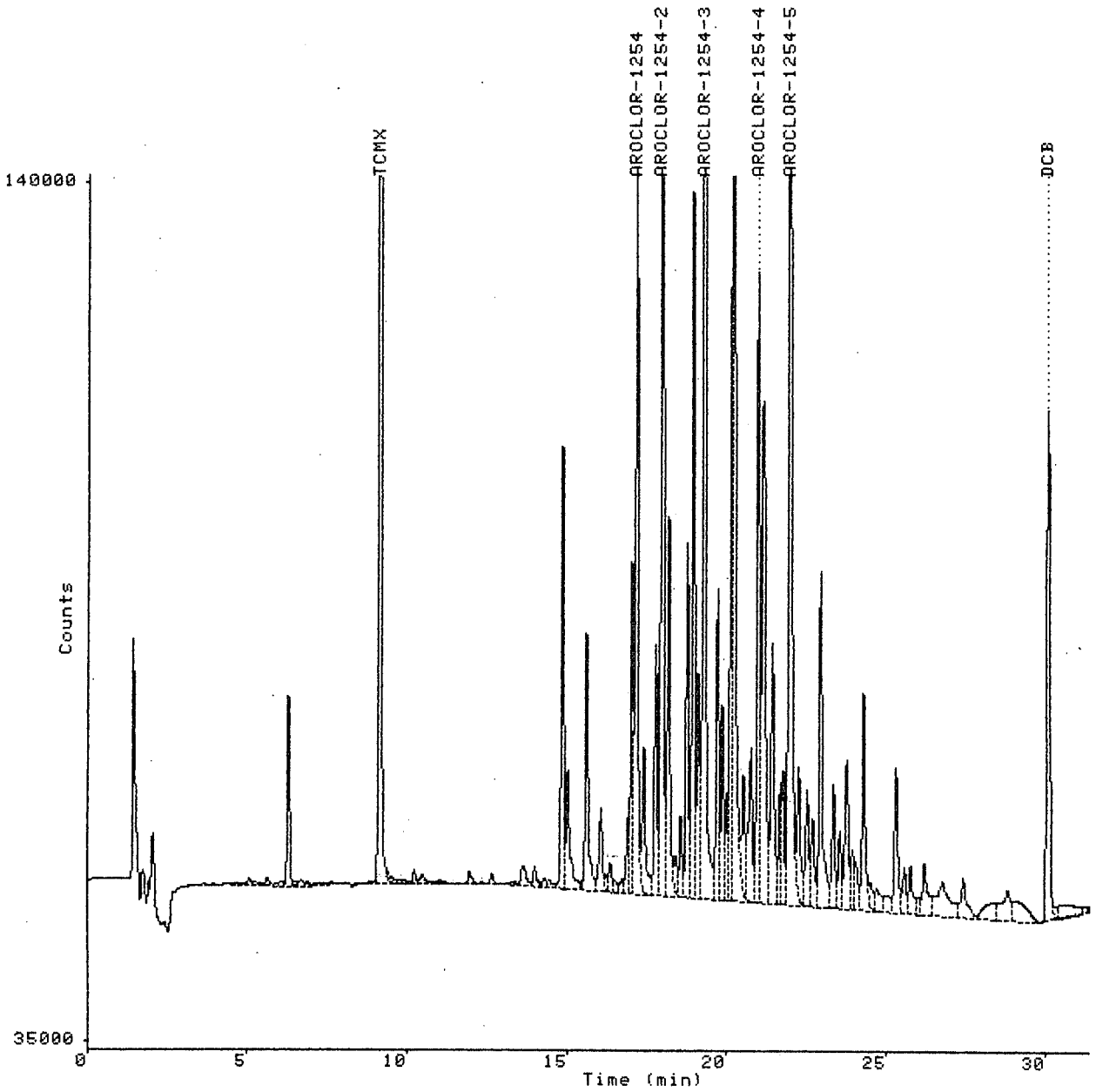
Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
AROCLOR-1254-5	21.91	0.993	1794054	VE	51
	22.20		178497	EV	52
	22.47		165738	EV	53
	22.65		108197	VV	54
	22.88		533833	VV	55
	23.29		155841	VV	56
	23.49		94028	VV	57
	23.69		281005	VV	58
	23.88		79962	VV	59
	23.99		49068	VV	60
	24.23		312813	VE	61
	24.45		25074	EV	62
	24.66		20239	EV	63
	24.91		11889	VV	64
	25.25		222340	VE	65
	25.51		47434	EV	66
	25.70		50995	VE	67
	25.89		5195	EV	68
	26.20		20190	VV	69
	26.66		18518	VV	70
	26.72		21550	VV	71
	26.92		8399	VV	72
	27.37		40681	VE	73
	27.56		3222	EV	74
	28.74		30776	VE	75
	29.16		5345	EV	76
DCB	30.03	0.101	2134784	VB	77
	32.46		2764	VV	78

Average result...0.988 UG/ML

Run Number..... 6 End of Report.

Run Number..... 17
Sample Name..... AR1254 MID
Run Date..... 26-APR-1996 04:36:34
Raw File..... S_0425_017
Method Name..... S_1254_0425
Method Type..... Linear

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



AR1254 MID

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: AR1254 MID Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_017 Analysis Date: 26-APR-1996 04:36:34

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	5.07		5105	VV	1
	5.26		3433	VV	2
	5.64		5931	VV	3
	6.08		4485	VV	4
	6.29		116010	VE	5
	6.49		4869	EV	6
	6.70		6424	VV	7
	6.88		3537	VB	8
	7.14		2987	BV	9
	7.54		2859	VV	10
	7.64		2760	VV	11
	8.53		2625	BB	12
TCMX	9.14	0.0234	677088	VE	13
	9.54		10504	EV	14
	9.75		2592	EV	15
	9.89		3578	EV	16
	10.23		9749	VV	17
	10.48		11107	VE	18
	11.95		11867	VE	19
	12.65		6780	VB	20
	13.63		26748	VV	21
	13.99		16669	VV	22
	14.16		2681	VV	23
	14.28		7714	VV	24
	14.43		9239	VV	25
	14.83		290199	VV	26
	15.00		114194	VV	27
	15.45		5425	VV	28
	15.59		201556	VV	29
	16.05		74288	VE	30
	16.22		8044	EV	31
	16.34		28029	VV	32
	16.50		9194	VV	33
	16.75		13030	VV	34
	16.89		47233	VV	35
	17.00		229189	VV	36
AROCLOR-1254	17.15	0.469	572858	VE	37
	17.38		129260	EV	38
	17.74		179658	VV	39
AROCLOR-1254-2	17.94	0.471	773523	VV	40
	18.14		287368	VE	41
	18.37		33064	EV	42
	18.54		61856	EV	43
	18.73		238603	VV	44
	18.91		477237	VV	45
	19.08		154228	VV	46
AROCLOR-1254-3	19.27	0.473	955266	VV	47
	19.68		214165	VV	48
	19.84		153333	VV	49
	20.00		54021	VV	50

Sample ID: AR1254 MID Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_017 Analysis Date: 26-APR-1996 04:36:34

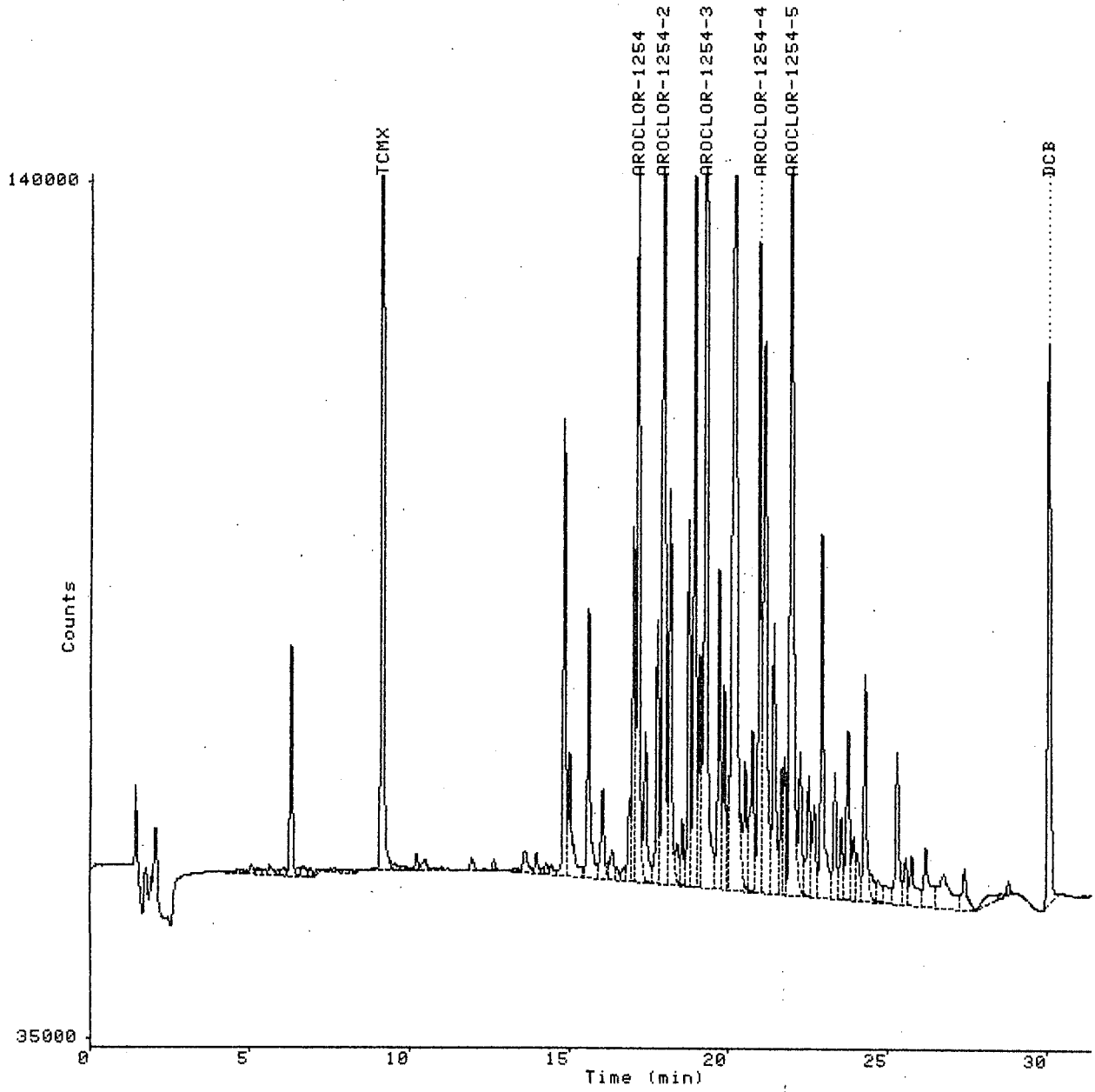
Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	20.11		307141	VV	51
	20.18		670628	VE	52
	20.49		102596	EV	53
	20.72		162561	EV	54
AROCLOR-1254-4	20.94	0.479	419785	VV	55
	21.10		579623	VV	56
	21.40		228392	VV	57
	21.65		82682	VV	58
	21.73		87953	VV	59
AROCLOR-1254-5	21.92	0.471	894241	VE	60
	22.21		105683	EV	61
	22.49		102702	EV	62
	22.66		85677	VV	63
	22.90		291731	VV	64
	23.31		96995	VV	65
	23.50		61015	VV	66
	23.71		149514	VV	67
	23.90		50232	VV	68
	24.01		39397	VV	69
	24.24		174416	VE	70
	24.46		29591	EV	71
	24.68		36870	EV	72
	24.92		29792	VV	73
	25.27		130107	VV	74
	25.53		38759	VV	75
	25.72		51517	VV	76
	25.97		16135	VV	77
	26.15		74140	VV	78
	26.74		117587	VV	79
	27.38		56755	VV	80
	28.19		55371	VV	81
	28.76		74910	VV	82
	29.00		76376	VB	83
DCB	30.05	0.0184	435279	BE	84
	30.34		10114	EV	85
	30.60		61899	EV	86
	31.17		7101	VV	87
	31.32		3663	VV	88
	31.91		33683	VV	89
	35.74		12216	BV	90
	35.92		3455	VV	91

Average result...0.473 UG/ML

Run Number..... 17 End of Report.

Run Number..... 28
Sample Name..... AR1254 MID
Run Date..... 26-APR-1996 12:23:51
Raw File..... 5_0425_028
Method Name..... 5_1254_0425
Method Type..... Linear

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



AR1254 MID

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: AR1254 MID Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_028 Analysis Date: 26-APR-1996 12:23:51

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	4.63		2804	VV	1
	4.74		2746	VV	2
	5.05		8107	VV	3
	5.25		6389	VV	4
	5.47		4962	VV	5
	5.63		9949	VV	6
	5.91		4734	VV	7
	6.06		9253	VV	8
	6.28		141915	VE	9
	6.48		8495	EV	10
	6.69		13003	EV	11
	6.88		7222	VB	12
	7.17		3949	BB	13
	7.64		5486	VV	14
	8.00		4797	VV	15
	8.17		2972	VB	16
TCMX	9.12	0.0241	695757	VE	17
	9.53		9592	EV	18
	9.74		3613	EV	19
	9.87		4380	EV	20
	10.21		11464	VV	21
	10.46		17431	VE	22
	11.00		3164	VV	23
	11.94		12642	BE	24
	12.63		7704	VB	25
	13.60		27312	VV	26
	13.97		15037	VV	27
	14.16		2810	VV	28
	14.26		8559	VV	29
	14.42		10222	VV	30
	14.81		300134	VV	31
	14.98		120999	VV	32
	15.42		5234	VV	33
	15.58		210523	VV	34
	16.04		78909	VE	35
	16.20		8882	EV	36
	16.33		29947	VV	37
	16.48		9429	VV	38
	16.73		13126	VV	39
	16.87		52709	VV	40
	16.99		242488	VV	41
AROCLOR-1254	17.13	0.476	580325	VE	42
	17.37		126429	EV	43
	17.73		190188	VV	44
AROCLOR-1254-2	17.92	0.485	792248	VV	45
	18.13		292607	VE	46
	18.36		34622	EV	47
	18.52		51893	EV	48
	18.72		245460	VV	49
	18.90		490571	VV	50

Sample ID: AR1254 MID Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_028 Analysis Date: 26-APR-1996 12:23:51

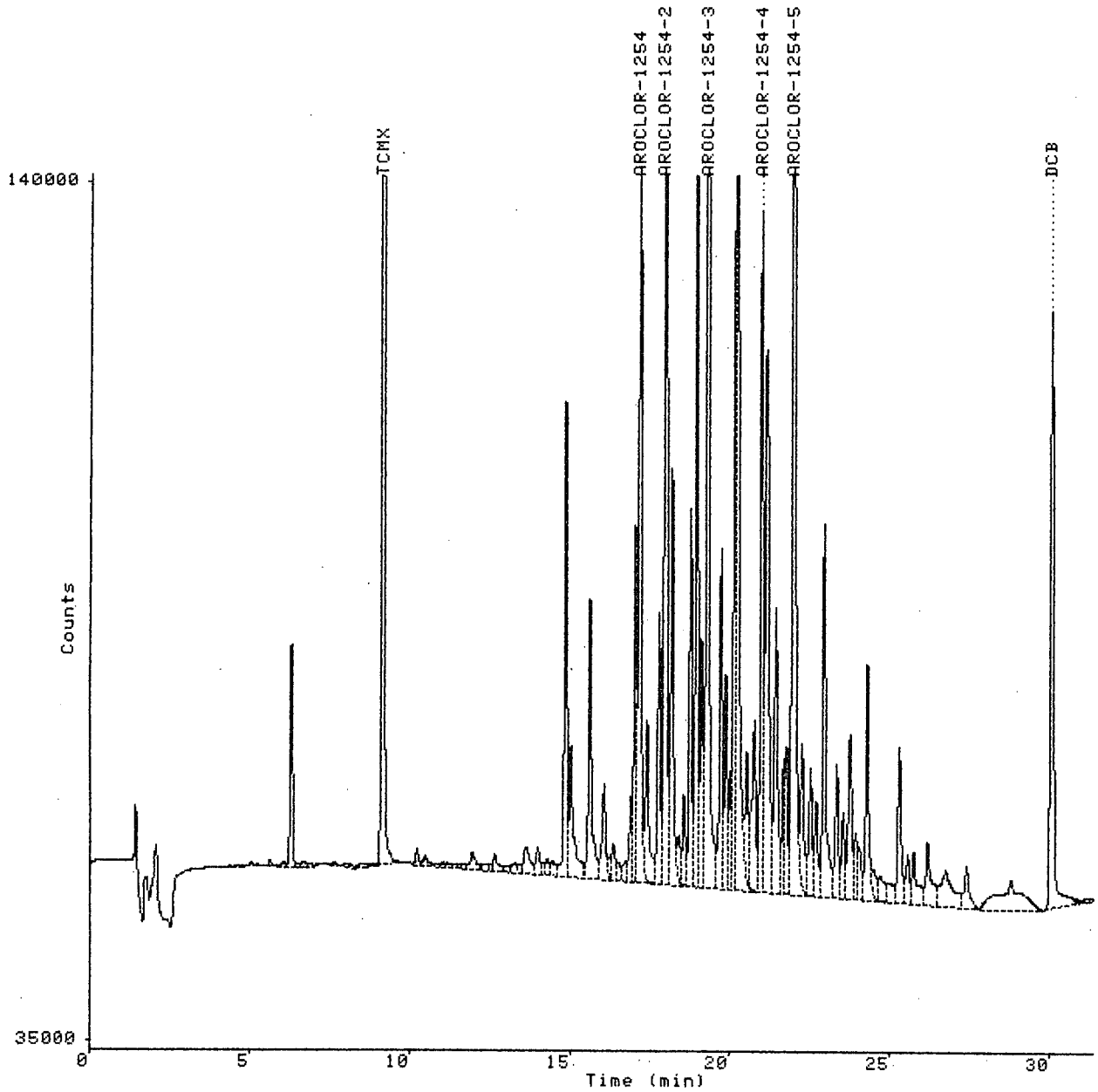
Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	19.06		157544	VV	51
AROCLOR-1254-3	19.25	0.487	978770	VV	52
	19.67		220092	VV	53
	19.83		157389	VV	54
	19.99		57952	VV	55
	20.16		1000184	VE	56
	20.48		112669	EV	57
	20.71		167342	EV	58
AROCLOR-1254-4	20.92	0.495	431935	VV	59
	21.09		602699	VV	60
	21.38		232707	VV	61
	21.64		88720	VV	62
	21.71		79489	VV	63
AROCLOR-1254-5	21.91	0.477	904582	VE	64
	22.20		109389	EV	65
	22.48		105883	EV	66
	22.65		92139	VV	67
	22.88		304031	VV	68
	23.29		100287	VV	69
	23.49		63320	VV	70
	23.69		157465	VV	71
	23.88		53111	VV	72
	24.00		39711	VV	73
	24.23		179305	VE	74
	24.45		31348	EV	75
	24.66		34656	EV	76
	24.91		30907	VV	77
	25.25		135175	VV	78
	25.52		40042	VV	79
	25.70		69726	VV	80
	26.14		87091	VV	81
	26.72		115310	VV	82
	27.37		50731	VB	83
	28.34		35290	BV	84
	28.53		5553	VV	85
	28.75		14035	VB	86
DCB	30.03	0.0196	461056	BB	87
	31.76		4600	VV	88
	32.44		3313	VV	89
	34.38		35025	VB	90
	35.51		20760	BV	91
	36.04		10986	VV	92

Average result...0.484 UG/ML

Run Number..... 28 End of Report.

Run Number..... 35
Sample Name..... AR1254 MID
Run Date..... 26-APR-1996 17:20:49
Raw File..... 5_0425_035
Method Name..... 5_1254_0425
Method Type..... Linear

HP5890 1A 30M RTX-5 2uL INJ METHOD 8081



AR1254 MID

Volume Injected... 2.0uL
Standard Amount... 1.00 ML
Dilution Factor... 1

Entered Conversion Factor..1.00
Entered Sample Amount.....1.00

PCB ANALYSIS BY GC/ECD

Sample ID: AR1254 MID Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_035 Analysis Date: 26-APR-1996 17:20:49

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	5.07		2789	VV	1
	5.64		4140	BB	2
	6.08		3569	VV	3
	6.29		138665	VE	4
	6.50		3233	EV	5
	6.70		6114	EV	6
	6.89		3014	VB	7
	8.18		3230	VB	8
	8.57		9337	BV	9
	8.84		4896	VV	10
TCMX	9.13	0.0250	718843	VE	11
	10.23		9784	BV	12
	10.48		12025	VV	13
	11.02		3323	VV	14
	11.18		3732	VV	15
	11.65		3417	VV	16
	11.95		21672	VV	17
	12.33		7878	VV	18
	12.49		2703	VV	19
	12.64		18687	VV	20
	13.00		7889	VV	21
	13.28		12282	VV	22
	13.38		6701	VV	23
	13.63		44997	VV	24
	13.99		27119	VV	25
	14.16		6280	VV	26
	14.28		15040	VV	27
	14.43		18929	VV	28
	14.83		323547	VV	29
	15.00		144701	VV	30
	15.44		7679	VV	31
	15.59		234359	VV	32
	16.05		91859	VE	33
	16.21		12168	EV	34
	16.34		39278	VV	35
	16.50		15877	VV	36
	16.74		19578	VV	37
	16.88		57311	VV	38
	17.00		249229	VV	39
AROCLOR-1254	17.15	0.511	615059	VE	40
	17.38		150533	EV	41
	17.74		198612	VV	42
AROCLOR-1254-2	17.94	0.514	832377	VV	43
	18.14		318201	VE	44
	18.37		40520	EV	45
	18.54		72957	EV	46
	18.73		261401	VV	47
	18.91		520802	VV	48
	19.07		170293	VV	49
AROCLOR-1254-3	19.26	0.521	1038173	VV	50

Sample ID: AR1254 MID Instrument: HP5890 1A 30M RTX-5 2uL INJ METHOD 8
Datafile: 5_0425_035 Analysis Date: 26-APR-1996 17:20:49

Peak Name	R.T.(min)	UG/ML	Peak Area	BL	PEAK NO.
	19.68		237225	VV	51
	19.84		171210	VV	52
	20.00		63391	VV	53
	20.11		340978	VV	54
	20.17		726433	VE	55
	20.49		109308	EV	56
	20.72		183782	EV	57
AROCLOR-1254-4	20.94	0.523	454269	VV	58
	21.10		634436	VV	59
	21.39		253630	VV	60
	21.65		93510	VV	61
	21.73		97960	VV	62
AROCLOR-1254-5	21.92	0.516	972181	VE	63
	22.21		120953	EV	64
	22.48		116160	EV	65
	22.66		88762	VV	66
	22.90		324690	VV	67
	23.30		108867	VV	68
	23.50		68966	VV	69
	23.70		166997	VV	70
	23.89		55873	VV	71
	24.00		45999	VV	72
	24.24		193039	VE	73
	24.46		34865	EV	74
	24.67		41061	EV	75
	24.91		34106	VV	76
	25.26		143082	VV	77
	25.52		44154	VV	78
	25.71		75957	VV	79
	26.15		93762	VV	80
	26.74		119443	VV	81
	27.38		54707	VB	82
	28.76		178289	BB	83
DCB	30.04	0.0238	547446	BE	84
	31.61		33464	EV	85
	32.46		3382	VE	86
	35.70		14642	BV	87
	35.97		3578	VB	88

Average result...0.517 UG/ML

Run Number..... 35 End of Report.