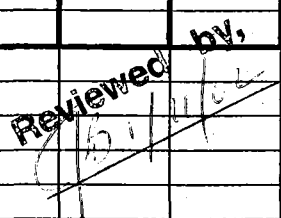


Method 508 tox + chl Date Extracted 10/19/01
NYS samples
Page 38

Lab #	Description	Sample vol/wt	Drip rate ml/min	Surr add	Spk add	IS add	Final vol.	T.V. pos.	pH	Count		
	CB	500µl		1ml			2ml					
	1st chl				✓							
	Ref chl				✓							
	1st Tox				✓							
	Ref Tox				✓							
	QC test				✓							
	QC chl				✓							
24822	Sample									12		
24822	dupe									13		
24824	Sample									14		
24824	dupe									15		
	24195									16		
	24198									17		
	25037									18		
	25038									19		
	25039									20		
	25040									1		
	25041									2		
	PRL 1248											
25040	Spike chl											
25040	Spike chl											
Remarks												
Reviewed by 												
drip rate must be between 5-15 ml/min for liq-liq extractors drip rate - Extraction type - <u>999µl</u> Solv. lot# <u>129648</u> NaCl lot# <u>V 32603</u> Na2SO4 lot# <u>V 11599</u> STANDARD INT STD LOG# <u>122630</u> CALIBRATION REF/SPIKE <u>chl: 1993 ; tox: 1992</u> MDL/MDRF Q. CHECK <u>post: 1809C ; chl: 1824C</u> INT. STD. SURROGATE <u>2064C</u> LPC ENDRIN/DDT												

 Analyst UN/CM
 Revision 4/12/01

Verified by _____

 Reviewed by DW
 Date 11/21/1

Method 608 8081 Pest PCB TCLP 508 Pest
Instrument 105

File Directory C:\HPChem\1Data\508
1116 01

Storage Directory M:\Instruments\105\1Data\508
1116 01

Lab #	Filename	Description	Vial #		Inj.	Standards Used - Lot #		Remarks	Initials
			front	rear		Calibration	Reference	Surrogate	
	hex.	hex.	1		1				MM
	1116END	endrin diorup.	2			1866 C			
	1116LPC	lpc	3				2048 C		
	123202	1232 C2	4			1921			
	124802	1248 C2	5			1923			
	chl C1	chlordane ic1	6			1868/20646			
	↓ 2	↓ 2	7						
	↓ 3	↓ 3	8						
	chl UR	chl unvent'd ref	9				1993 a		
	tox C1	toxaphene ic1	10			1809 a/20646			
	↓ 2	↓ 2	11						
	↓ 3	↓ 3	12						
	tox UR	tox. unvent'd ref	13				1992 a		
	pest C1	pest. ic1	14			1968 d/20646			
	↓ 2	↓ 2	15						
	↓ 3	↓ 3	16						
	pest UR	pest unvent'd ref	17				2062 C		
	1017RB	lab blk	18					2064 C	
	Ref 10P	11/9 Ref chl-pest	19				1993/20626		
	Ref 2CP	11/14 Ref chl-pest	20						
	Ref 3CP	11/14 Ref chl-pest	21						
	Ref 4CP	11/15 Ref chl-pest	22						
	Ref 1T	11/8 Ref tox	23				1992		
	Ref 2T	11/8 Ref tox	24						
	Ref 3T	11/14 Ref tox	25						
	Ref 4T	11/15 Ref tox	26						
	1817Ref	10/17 Ref pest	27				20626		
	2469b	sample	28						

Date 11/16/01

Extraction date 10/17, 19/01

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Method 608 8081 Pest PCB TCLP
Instrument 105File Directory C:\HPChem\105\Data\508
11/16/01Storage Directory M:\Instruments\105\Data\508
11/16/01

Lab #	Filename	Description	Vial #		Inj.	Calibration	Standards Used - Lot #		Remarks	Initials
			front	rear			Reference	Surrogate		
	24697	Sample	29		1			2064C		MA
	Ref 5CP	11/8 ref chl part	58				1993/20625		*	
	Ref 5T	11/6 ref chl	59				1992		**	
	24698	Sample	30							
	Ref 6P	11/5 ref part	60				20626			
	Ref 6C	11/5 ref chl	61				1993		*	
	Ref 7C	11/01 ref chl	62				1993		*	
	Ref 8C	10/30 ref chl	69				1993		*	
	Ref 9CP	11/16 ref chl part	75				1993/20626			
	12302	1232 C2	9			1921				
	2Pest C1	pest ic1	63			19680/20645			} second init. cal pest (endrin didn't pass)	
	↓ 2	↓ 2	64							
	↓ 3	↓ 3	65							
	2Pest VR	pest next to id	66				2062C			
	1017 Ref 2	10/17 ref pest	27				20626	2064C	} IDCs pest	
	Ref 7P	11/5 ref part	60							
	Ref 8P	11/01 ref part	67							
	Ref 9P	11/01 ref part	68							
	24699	Sample	31							
	24700		32							
	24730		33							
	24731		34							
	24732		35							
	24822		36							
	24873		37							
	24874		38							
	24875		39							
	24876		40							

Date 11/16/01

cont. next page

Extraction date 10/17, 19/01

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Method 608 8081 Pest PCB TCLP
Instrument 105File Directory C:\HPCHEM\6 Data\508
11/16/01Storage Directory M:\Instruments\105\Data\508
11/16/01

Lab #	Filename	Description	Vial #		Inj.	Calibration	Standards Used - Lot #		Remarks	Initials
			front	rear			Reference	Surrogate		
	24877	sample	41		1			2064C		MN
	24878		42							
	24879		43							
	24980		44							
	24981		45							
	25038		46							
	25039		47							
	25040		48							
	25041		49							
	25042		50							
	270x C2	ten cov	5045			18099/20646				
	3 Pest C2	pest cov	5745			19688/20646				
	25040 SP	spike chloroform	5245				1993	2064C		
	25040 SP	spike dupl chl	5345				1993			
	2 chl C2	chloroform cov	5445			1868/20646				
	1016 C2	1016 C2	5345			1919				
	1221 C2	1221 C2	7147			1920				
	124202	124202	7147			1922				
	1254 C2	1254 C2	7247			1924				
	1260 C2	1260 C2	7347			1925a				
	PRL1232	PRL1232	7456				1502	2064C		
	PRL1248	PRL1248	7457				1504a			

Date 11/16/01

Extraction date 10/17, 19/01

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Method 504.1 508 Pest PCB 508A 515.1
Instrument 104

File Directory C:\HPChem\5\Data\

Storage Directory M:\Instruments\104\Data\

011024

011024

Lab #	Filename	Description	Vial #		Inj.	Standards Used - Lot #		Int. Std.	Remarks	Initials
			front	rear		Calibration	Reference	Surrogate		
	4ep 1	hex	2	1	1					MIN
	1014END	end of run					1866b			
	1024LPC	epc					197d			
	chl C1	chl 1C1				HP68/2064b			} init. cal.	
	↓ 2	↓ 2				↓				
	↓ 3	↓ 3								
	chl UR	chl quant					1993a			
	1019LB	lab blk						2064c		
	1019MDC	mid ch					1993			
	1019RFT	ref ch					↓			
	1019QCT	quant peak					1828C			
	4ep 2	hex	2	1						
24PZ	CNYS10A	sample						2064c		
	CNYS10B	sample dupe								
	CNYS4AF	4 d#								
	CNYS4AF	4 d#								
	CNYS	sample								
↓	CNYS	dupe								
	4ep 4	hex	2	1						
	2chl C2	chl can				HP09a/2064b				
	Top C1	top 1C1				↓				
	Top C2	1 2								
	Top C3	↓ 3								
	Top UR	top quant					1992a			
	1019LB2	lab blk						2064c		
	1019MDC	mid top					1992			
	1019RFT	ref hex					↓			
	4ep 5	hex	2	1						

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Date 10/29/01

Extraction date 10/19/01

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reported in batch # 15345 / 11/07/01

104

011024

01/02/24

10/24/01

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Sequence Name: C:\HPCHEM\1\SEQUENCE\111601.S

Comment: 508 samples

Operator: Nefliu

Data Path: C:\HPCHEM\1\DATA\111601\

Pre-Seq Cmd:

Post-Seq Cmd:

Method Sections To Run

On A Barcode Mismatch

(X) Full Method

(X) Inject Anyway

() Reprocessing Only

() Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	1	HEXANE	PESTPCB	
2	Sample	2	1116END	PESTPCB	endrin decomposition
3	Sample	3	1116LPC	PESTPCB	lpc
4	Sample	4	1232C2	PESTPCB	1232 c2
5	Sample	5	1248C2	PESTPCB	1248 c2
6	Sample	6	CHLC1	PESTPCB	chlordanane ic1
7	Sample	7	CHLC2	PESTPCB	chlordanane ic2
8	Sample	8	CHLC3	PESTPCB	chlordanane ic3
9	Sample	9	CHLUR	PESTPCB	chlordanane unextracted ref
10	Sample	10	TOXC1	PESTPCB	tox ic1
11	Sample	11	TOXC2	PESTPCB	tox ic2
12	Sample	12	TOXC3	PESTPCB	tox ic3
13	Sample	13	TOXUR	PESTPCB	tox unextracted ref
14	Sample	14	PESTC1	PESTPCB	pest ic1
15	Sample	15	PESTC2	PESTPCB	pest ic2
16	Sample	16	PESTC3	PESTPCB	pest ic3
17	Sample	17	PESTUR	PESTPCB	tox unextracted ref
18	Sample	18	1117LB	PESTPCB	10/17/16 lab blk ✓
19	Sample	19	REF1CP	PESTPCB	11/9 ref chl-pest
20	Sample	20	REF2CP	PESTPCB	11/14 A ref chl-pest
21	Sample	21	REF3CP	PESTPCB	11/14 ref chl-pest
22	Sample	22	REF4CP	PESTPCB	11/15 ref chl-pest
23	Sample	23	REF1T	PESTPCB	11/8 ref chl-pest for
24	Sample	24	REF2T	PESTPCB	11/9 ref chl-pest for
25	Sample	25	REF3T	PESTPCB	11/14 ref chl-pest for
26	Sample	26	REF4T	PESTPCB	11/15 ref chl-pest for
27	Sample	27	1017REF	PESTPCB	10/17 ref pest
28	Sample	28	24696	PESTPCB	sample
29	Sample	29	24697	PESTPCB	sample
30	Sample	58	REF5CP	PESTPCB	11/6 ref chl-pest
31	Sample	59	REF5T	PESTPCB	11/6 REF TOX
32	Sample	30	24698	PESTPCB	sample
33	Sample	60	REF6P	PESTPCB	11/5 ref pest
34	Sample	61	REF6C	PESTPCB	11/5 ref chl
35	Sample	62	REF7C	PESTPCB	11/1 ref chl
36	Sample	69	REF8C	PESTPCB	10/30 ref chl
37	Sample	75	REF9CP	PESTPCB	11/16 ref chl-pest
38	Sample	4	1116END2	PESTPCB	endrin decomposition 1232C2
39	Sample	63	2PESTC1	PESTPCB	pest ic1
40	Sample	64	2PESTC2	PESTPCB	pest ic2
41	Sample	65	2PESTC3	PESTPCB	pest ic2
42	Sample	66	2PESTUR	PESTPCB	pest unextracted ref

Last Modified: Sat Nov 17 15:04:45 2001

Page: 1

43 Sample

27 1017REF2 PESTPCB 10/17 ref pest ✓

Sequence Name: C:\HPCHEM\1\SEQUENCE\111601.S

Line	Type	Vial	DataFile	Method	Sample Name
44	Sample	60	REF7P	PESTPCB	11/5 ref pest
45	Sample	67	REF8P	PESTPCB	11/01 ref pest
46	Sample	68	REF9P	PESTPCB	11/01 A ref pest
47	Sample	31	24699	PESTPCB	sample
48	Sample	32	24700	PESTPCB	sample
49	Sample	33	24730	PESTPCB	sample
50	Sample	34	24731	PESTPCB	sample
51	Sample	35	24732	PESTPCB	sample
52	Sample	36	24872	PESTPCB	sample
53	Sample	37	24873	PESTPCB	sample
54	Sample	38	24874	PESTPCB	sample
55	Sample	39	24875	PESTPCB	sample
56	Sample	40	24876	PESTPCB	sample
57	Sample	41	24877	PESTPCB	sample
58	Sample	42	24878	PESTPCB	sample
59	Sample	43	24879	PESTPCB	sample
60	Sample	44	24980	PESTPCB	sample
61	Sample	45	24981	PESTPCB	sample
62	Sample	46	25037	PESTPCB	sample
63	Sample	47	25038	PESTPCB	sample
64	Sample	48	25039	PESTPCB	sample
65	Sample	49	25040	PESTPCB	sample
66	Sample	50	25041	PESTPCB	sample
67	Sample	51	2TOXC2	PESTPCB	tox ccv
68	Sample	52	3PESTC2	PESTPCB	pest ccv
69	Sample	53	25040SP	PESTPCB	spike pest
70	Sample	54	25040SDP	PESTPCB	spike dupe pest
71	Sample	55	2CHLC2	PESTPCB	chl ccv
72	Sample	70	1016C2	PESTPCB	1016 c2
73	Sample	71	1221C2	PESTPCB	1221 c2
74	Sample	72	1242C2	PESTPCB	1242 c2
75	Sample	73	1254C2	PESTPCB	1254 c2
76	Sample	74	1260C2	PESTPCB	1260 c2
77	Sample	56	PRL1232	PESTPCB	prl 1232
78	Sample	57	PRL1248	PESTPCB	prl 1248

chldane
chldane

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 16:03:09

Sample: AD25040
Analysis: \$ED508 Organochlorine Pesticides
Units: ug
Started: 10/19/01 15:39 Ended: 11/16/01 15:39 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Endrin		24		0.1
2	DDT		< MDL		0.1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\3PESTC2.D\ECD1A.CH Vial: 52
Acq On : 18 Nov 2010 10:52 am Operator: Nefliu
Sample : pest ccv Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\3PESTC2.D\ECD2B.CH Vial: 52
Acq On : 18 Nov 10 10:52 am Operator: Nefliu
Sample : pest ccv Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Nov 19 13:50 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides
Last Update : Sat Nov 17 09:04:43 2001
Response via : Initial Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
----------	------	------	--------	--------	------	------

System Monitoring Compounds

10) S	2,4 DDD Surrogat	20.27	20.53	3108705	175844	0.164m	0.195
	Spiked Amount	0.200		Recovery	=	82.00%	97.50%

Target Compounds

1)	Propachlor	13.17	12.63	479218	30075	0.204m	0.227
2)	g-BHC	15.24	14.96	10938469	569042	0.249	0.292
3)	Heptachlor	15.82	15.88	3034152	162015	0.092	0.098
4)	Aldrin	16.57	16.79	4793626	304497	0.104	0.121
5)	Heptachlor Epoxi	18.33	18.33	6649587	496234	0.191	0.242 #
6)	4,4-DDE	19.55	19.86	11149438	513181	0.337	0.400m
7)	Dieldrin	19.96	20.06	2437179	187100	0.067	0.078m
8)	Endrin	20.47	21.01	3078438	204581	0.176m	0.232 #
9)	Methoxychlor	23.32	24.29	1519215	162326	0.356m	0.402

endrin breakdown = 24%.

*(calculations in batch
15613)*

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

3PESTC2.D P112001.M Wed Nov 21 11:11:23 2001

Page 1

Quantitation Report

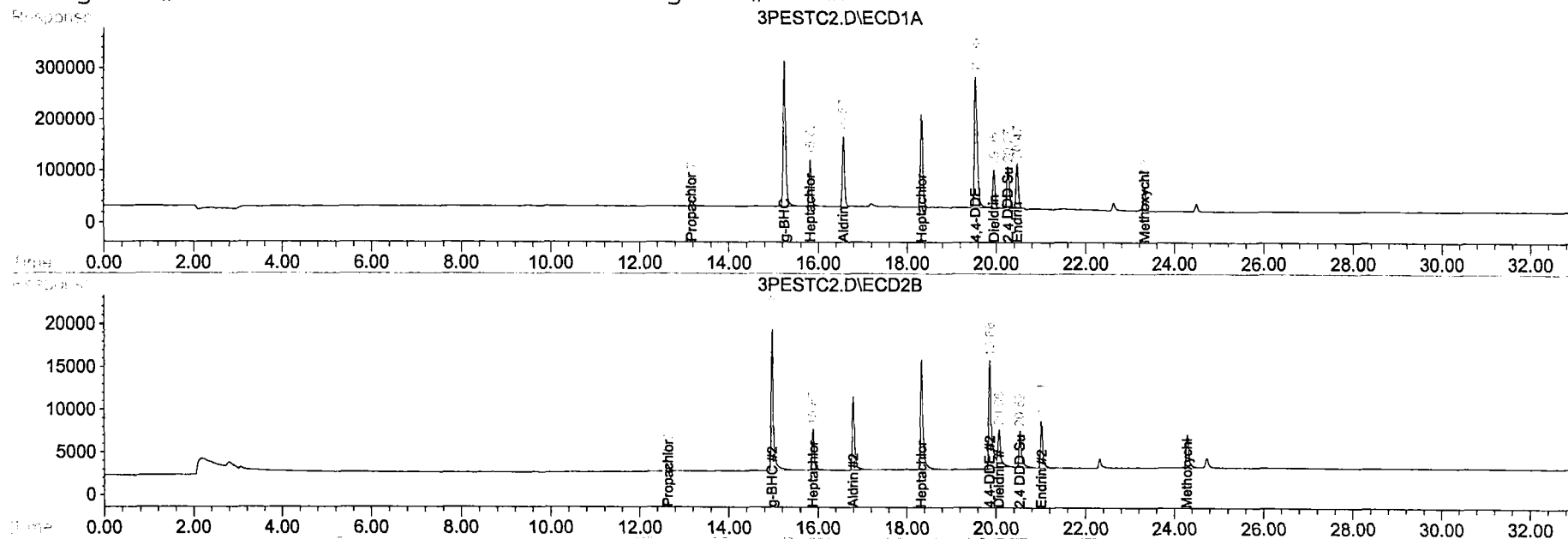
Data File : C:\HPCHEM\1\DATA\508\111601\3PESTC2.D\ECD1A.CH Vial: 52
 Acq On : 18 Nov 2010 10:52 am Operator: Nefliu
 Sample : pest ccv Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\3PESTC2.D\ECD2B.CH Vial: 52
 Acq On : 18 Nov 101 10:52 am Operator: Nefliu
 Sample : pest ccv Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

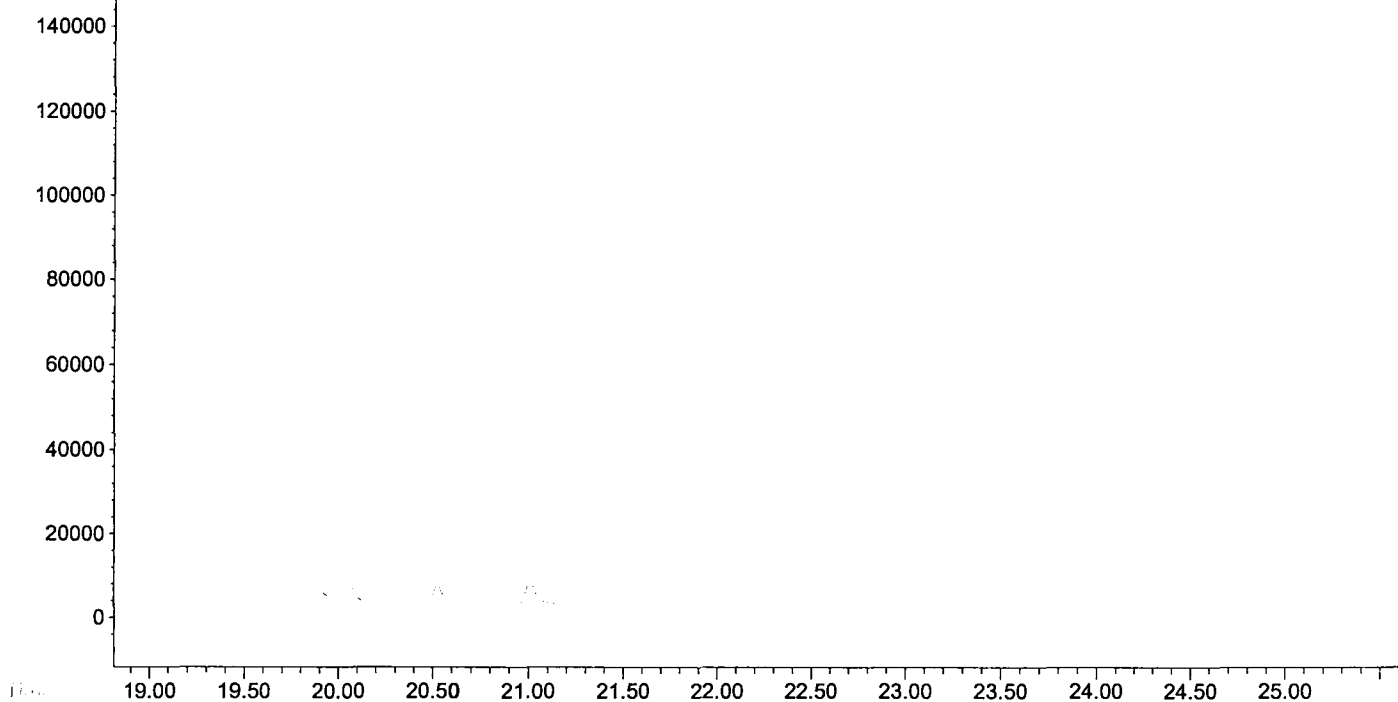
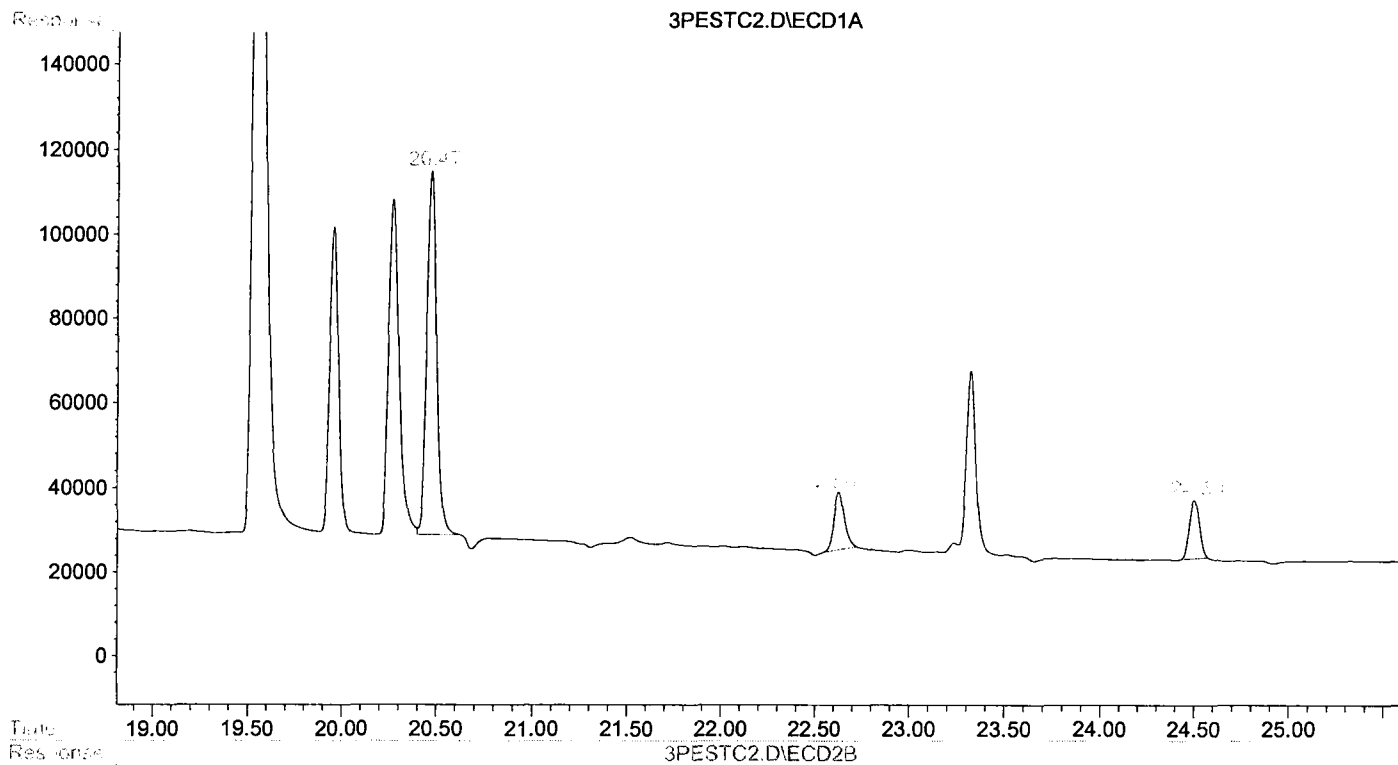
Quant Time: Nov 19 13:50 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



File : C:\HPCHEM\1\DATA\508\111601\3PESTC2.D
 Operator : Nefliu
 Acquired : 18 Nov 2010 10:52 am using AcqMethod PESTPCB.M
 Instrument : 105
 Sample Name: pest ccv
 Misc Info :
 Vial Number: 52



User: Nefiu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:47:21

Sample: AD25040
Analysis: \$B1508 Organochlorine Pesticides Lab Blank
Units: ug
Started: 10/19/01 15:39 Ended: 11/16/01 15:39 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		< MDL		0.040
2	Lindane		< MDL		0.030
3	Heptachlor		< MDL		0.020
4	Aldrin		< MDL		0.010
5	Heptachlor Epoxide		< MDL		0.030
6	4,4-DDE		< MDL		0.080
7	Dieldrin		< MDL		0.016
8	Endrin		< MDL		0.020
9	Methoxychlor		< MDL		0.039
10	Chlordane		< MDL		0.40
11	Toxaphene		< MDL		0.40
12	PCB's		< MDL		0.20
13	Surr_2,4-DDD		0.21		

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\011024\1019LB.D\ECD1A.CH Vial: 16
Signal #2 : C:\HPCHEM\1\DATA\508F\011024\1019LB.D\ECD2B.CH
Acq On : 24 Oct 2001 10:33 pm Operator: Nefliu
Sample : 10/19 lab blk Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 25 11:13 2001 Quant Results File: 011025C.RES

Quant Method : C:\HPCHEM\1\METHODS\011025C.M (Chemstation Integrator)
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
Last Update : Sun Oct 21 15:44:45 2001
Response via : Initial Calibration
DataAcq Meth : 508F.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
4) s 2,4-DDD SURROGAT	36.98	34.33	908013	865597	0.205m	0.208
Spiked Amount	0.200		Recovery	=	102.50%	104.00%

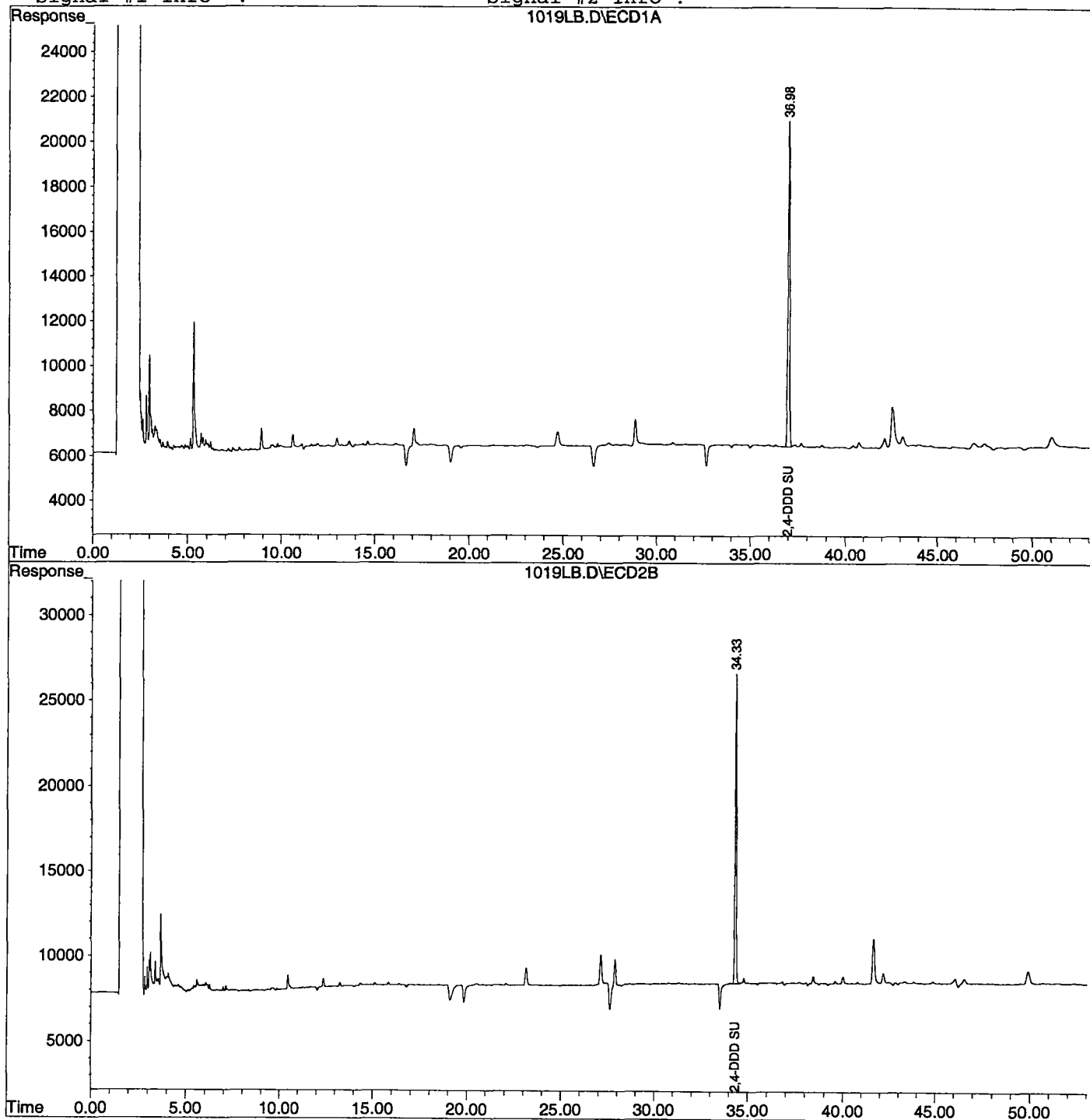
Target Compounds

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\011024\1019LB.D\ECD1A.CH Vial: 16
Signal #2 : C:\HPCHEM\1\DATA\508F\011024\1019LB.D\ECD2B.CH
Acq On : 24 Oct 2001 10:33 pm Operator: Nefliu
Sample : 10/19 lab blk Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 25 11:13 2001 Quant Results File: 011025C.RES

Quant Method : C:\HPCHEM\1\METHODS\011025C.M (Chemstation Integrator)
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
Last Update : Sun Oct 21 15:44:45 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\011024\1019LB.D\ECD1A.CH Vial: 16
 Signal #2 : C:\HPCHEM\1\DATA\508F\011024\1019LB.D\ECD2B.CH
 Acq On : 24 Oct 2001 10:33 pm Operator: Nefliu
 Sample : 10/19 lab blk Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Nov 20 11:20 2001 Quant Results File: 011024P.RES

Quant Method : C:\HPCHEM\1\METHODS\011024P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Sun Oct 21 15:26:52 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
10) S 2,4-DDD SURROGAT	36.98	34.33	902707	865111	0.217	0.213
Spiked Amount	0.200		Recovery	=	108.50%	106.50%
Target Compounds						
2) g-BHC	0.00	20.88	0	1841	N.D. d	0.000
3) HEPTACHLOR	0.00	22.10f	0	6006	N.D.	0.001 #
4) ALDRIN	27.84f	24.85f	2944	1336	0.000	0.000 #
5) HEPTACHLOR EPOXI	32.26	29.46	2250	645	0.000	0.000 #
6) 4,4'-DDE	35.71	32.73	564	886	0.000	0.000 #
7) DIELDRIN	35.87	33.39	508	93598	0.000	0.012 #
8) ENDRIN	38.04	0.00	508	0	0.000	N.D. d#
9) METHOXYCHLOR	48.77f	41.63	1155	221511	0.001	0.134 #

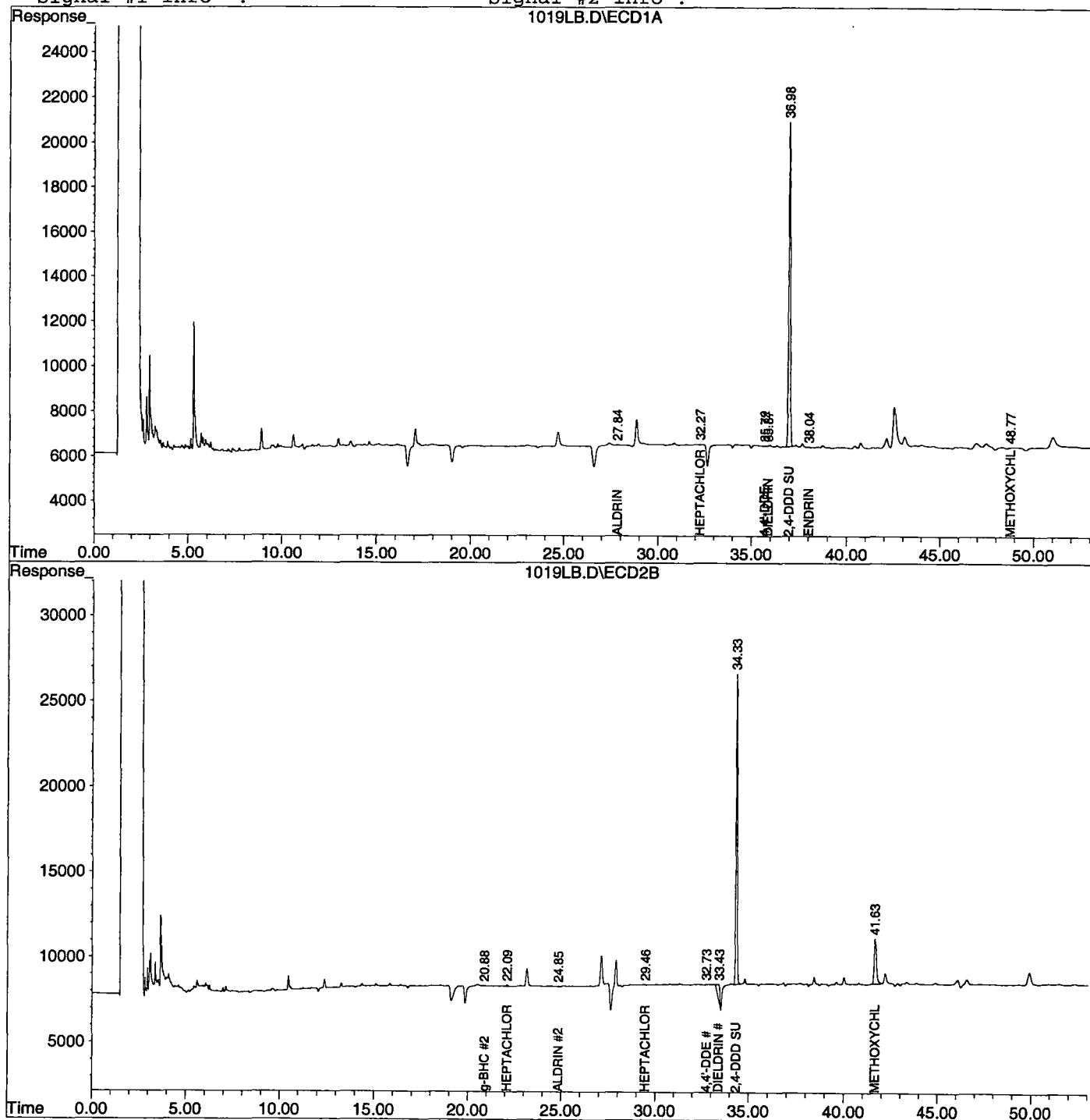
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 1019LB.D 011024P.M Tue Nov 20 11:20:34 2001

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\011024\1019LB.D\ECD1A.CH Vial: 16
Signal #2 : C:\HPCHEM\1\DATA\508F\011024\1019LB.D\ECD2B.CH
Acq On : 24 Oct 2001 10:33 pm Operator: Nefliu
Sample : 10/19 lab blk Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Nov 20 11:20 2001 Quant Results File: 011024P.RES

Quant Method : C:\HPCHEM\1\METHODS\011024P.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES 9/6/00
Last Update : Sun Oct 21 15:26:52 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\011024\1019LB2.D\ECD1A.CH Vial: 46
Signal #2 : C:\HPCHEM\1\DATA\508F\011024\1019LB2.D\ECD2B.CH
Acq On : 25 Oct 2001 2:56 pm Operator: Nefliu
Sample : 10/19 LAB BLK Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 26 16:16 2001 Quant Results File: 011025T.RES

Quant Method : C:\HPCHEM\1\METHODS\011025T.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99
Last Update : Mon Oct 15 11:37:22 2001
Response via : Initial Calibration
DataAcq Meth : 508F.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

System Monitoring Compounds						
6) S 2,4-DDD SURROGAT	36.97	34.31	861061	877969	0.180m	0.185
Spiked Amount	0.100		Recovery	=	180.00%	185.00%

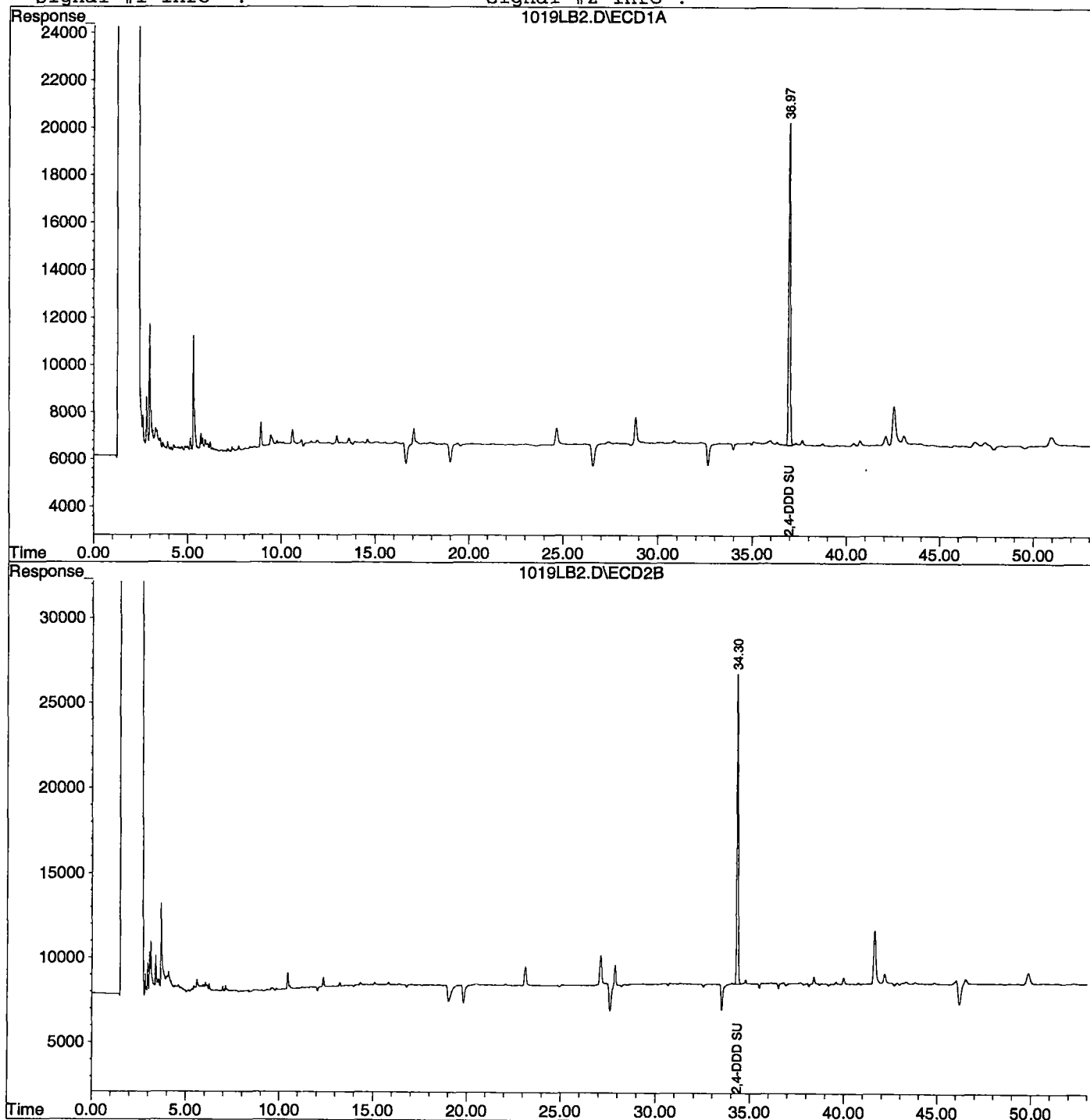
Target Compounds

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\011024\1019LB2.D\ECD1A.CH Vial: 46
 Signal #2 : C:\HPCHEM\1\DATA\508F\011024\1019LB2.D\ECD2B.CH
 Acq On : 25 Oct 2001 2:56 pm Operator: Nefliu
 Sample : 10/19 LAB BLK Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 26 16:16 2001 Quant Results File: 011025T.RES

Quant Method : C:\HPCHEM\1\METHODS\011025T.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99
 Last Update : Mon Oct 15 11:37:22 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



User: Nefiu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:43:26

Sample: AD25040
Analysis: \$C1508 Pesticides CCV1
Units: ug
Started: 10/19/01 15:39 Ended: 11/16/01 15:39 Analyst: MN
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		113		0.040
2	Lindane		118		0.030
3	Heptachlor		111		0.020
4	Aldrin		113		0.010
5	Heptachlor Epoxide		119		0.030
6	4,4-DDE		120		0.080
7	Dieldrin		113		0.016
8	Endrin		108		0.020
9	Methoxychlor		115		0.039
10	Chlordane		110		0.40
11	Toxaphene		111		0.40
12	PCB's		100		0.20
13	Surr_2,4-DDD		100		

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\PESTC1.D\ECD1A.CH Vial: 14
 Acq On : 17 Nov 2010 12:19 am Operator: Nefliu
 Sample : pest icl Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\PESTC1.D\ECD2B.CH Vial: 14
 Acq On : 17 Nov 10 12:19 am Operator: Nefliu
 Sample : pest icl Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E
 Quant Time: Nov 17 9:10 19101 Quant Results File: 111701P.RES

Quant Method : C:\HPCHEM\1\METHODS\111701P.M (Chemstation Integrator)
 Title : nonpotable pesticides MAY 22 2001
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
----------	------	------	--------	--------	------	------

System Monitoring Compounds

Target Compounds

1)	Propachlor	13.23	12.69	102769	5320	0.045m ¹¹³ / ₁	0.039m
2)	g-BHC	15.31	15.03	2686963	109218	0.066m ¹¹³ / ₁	0.060m
3)	Heptachlor	15.88	15.94	694656	36221	0.021m ¹¹³ / ₁	0.021m
4)	Aldrin	16.63	16.86	1163205	60809	0.027m ¹¹³ / ₁	0.025m
5)	Heptachlor Epoxi	18.40	18.40	1774931	105755	0.057m ¹¹³ / ₁	0.055
6)	4,4-DDE	19.61	19.92	3013038	113664	0.096m ¹¹³ / ₁	0.090m
7)	Dieldrin	20.03	20.13	604291	39047	0.018 ¹¹³ / ₁	0.018m
8)	Endrin	20.54	21.08	606381	32048	0.043m ¹⁰⁸ / ₁	0.044m
9)	Methoxychlor	23.39	24.37	388115	37008	0.092m ¹¹⁵ / ₁	0.088

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

PESTC1.D P111501.M Tue Nov 20 14:07:58 2001

Page 1

Quantitation Report

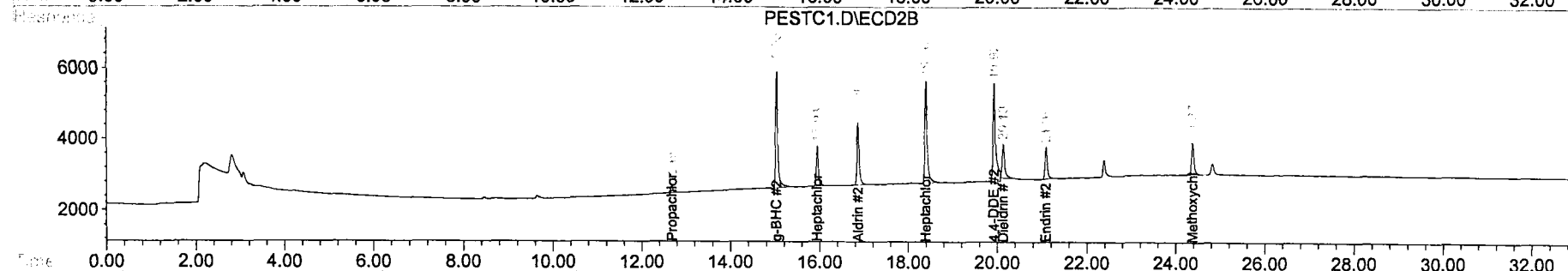
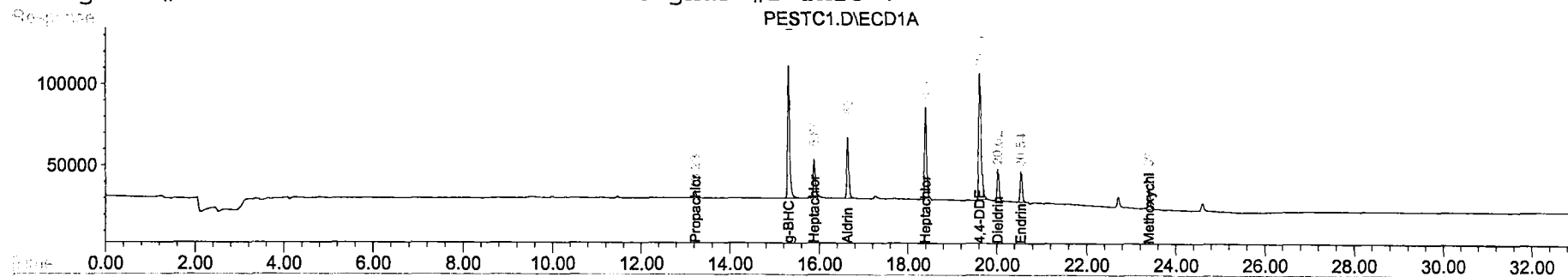
Data File : C:\HPCHEM\1\DATA\508\111601\PESTC1.D\ECD1A.CH Vial: 14
 Acq On : 17 Nov 2010 12:19 am Operator: Nefliu
 Sample : pest icl Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\PESTC1.D\ECD2B.CH Vial: 14
 Acq On : 17 Nov 10 12:19 am Operator: Nefliu
 Sample : pest icl Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 17 9:10 19101 Quant Results File: 111701P.RES

Quant Method : C:\HPCHEM\1\METHODS\111701P.M (Chemstation Integrator)
 Title : nonpotable pesticides MAY 22 2001
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :
 PESTC1.D\ECD1A



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\PESTC2.D\ECD1A.CH Vial: 15
 Acq On : 17 Nov 2010 12:57 am Operator: Nefliu
 Sample : pest ic2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\PESTC2.D\ECD2B.CH Vial: 15
 Acq On : 17 Nov 2010 12:57 am Operator: Nefliu
 Sample : pest ic2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E
 Quant Time: Nov 17 9:13 19101 Quant Results File: 111701P.RES

Quant Method : C:\HPCHEM\1\METHODS\111701P.M (Chemstation Integrator)
 Title : nonpotable pesticides MAY 22 2001
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
----------	------	------	--------	--------	------	------

System Monitoring Compounds						
10) S	2,4 DDD Surrogat	20.34	20.59	3166307	163526	0.200
	Spiked Amount	0.200		Recovery	=	100.00%

Target Compounds						
1)	Propachlor	13.22	12.69	460312	27199	0.201m
2)	g-BHC	15.31	15.03	10644118	484344	0.263
3)	Heptachlor	15.88	15.94	3144308	152530	0.094
4)	Aldrin	16.63	16.86	4923673	280028	0.115m
5)	Heptachlor Epoxi	18.40	18.39	7170302	436344	0.229
6)	4,4-DDE	19.61	19.92	11795903	476782	0.377
7)	Dieldrin	20.03	20.13	2609163	195746	0.077
8)	Endrin	20.54	21.08	2747338	140724	0.196m
9)	Methoxychlor	23.39	24.37	1641443	164369	0.388m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

PESTC2.D P111501.M Tue Nov 20 14:08:11 2001

Page 1

Quantitation Report

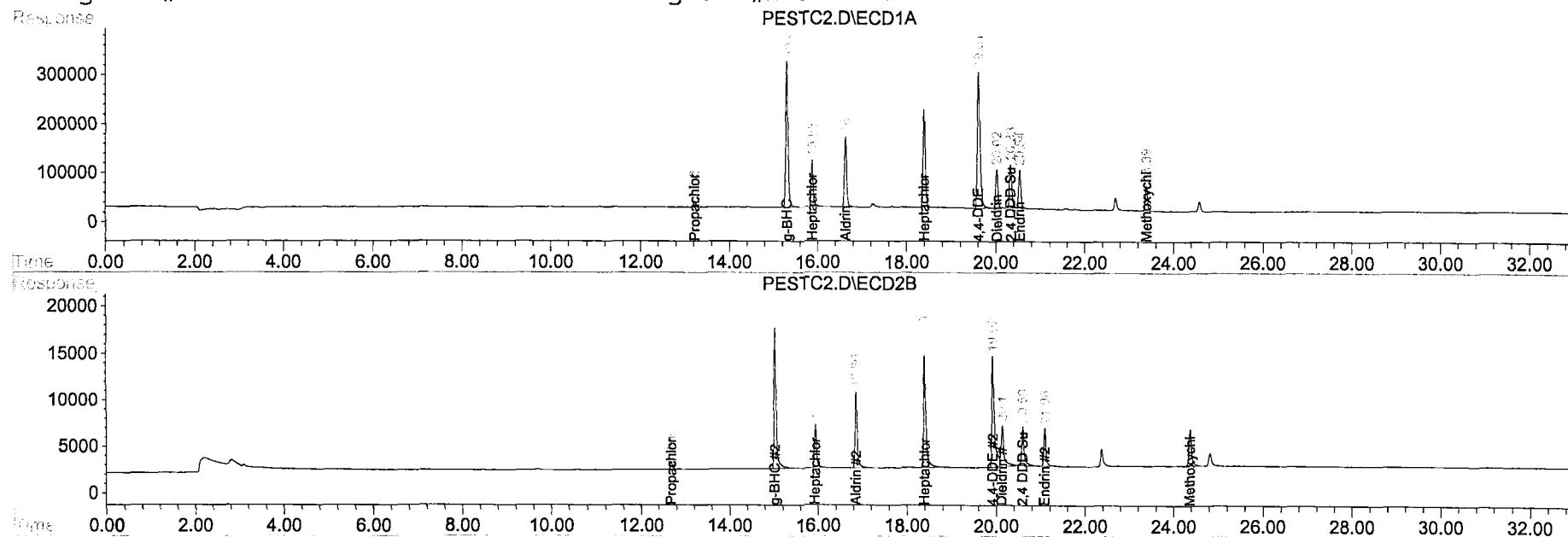
Data File : C:\HPCHEM\1\DATA\508\111601\PESTC2.D\ECD1A.CH Vial: 15
Acq On : 17 Nov 2010 12:57 am Operator: Nefliu
Sample : pest ic2 Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\PESTC2.D\ECD2B.CH Vial: 15
Acq On : 17 Nov 10 12:57 am Operator: Nefliu
Sample : pest ic2 Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Nov 17 9:13 19101 Quant Results File: 111701P.RES

Quant Method : C:\HPCHEM\1\METHODS\111701P.M (Chemstation Integrator)
Title : nonpotable pesticides MAY 22 2001
Last Update : Sat Nov 17 09:04:43 2001
Response via : Multiple Level Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\CHLC1.D\ECD1A.CH Vial: 6
 Acq On : 16 Nov 2010 7:17 pm Operator: Nefliu
 Sample : chlordanes icl Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\111601\CHLC1.D\ECD2B.CH Vial: 6
 Acq On : 16 Nov 2010 7:17 pm Operator: Nefliu
 Sample : chlordanes icl Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 17 11:40 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
----------	------	------	--------	--------	------	------

System Monitoring Compounds

Target Compounds

1)	Chlordane 1	18.84	15.50	373359	35971	0.433m	0.461
2)	Chlordane 2	19.23	18.84	1606659	79531	0.465m	0.436m
3)	Chlordane 3	19.37	19.26	2042510	84884	0.481m	0.437m

$\bar{x} = 0.44$
 (110/1)

Quantitation Report

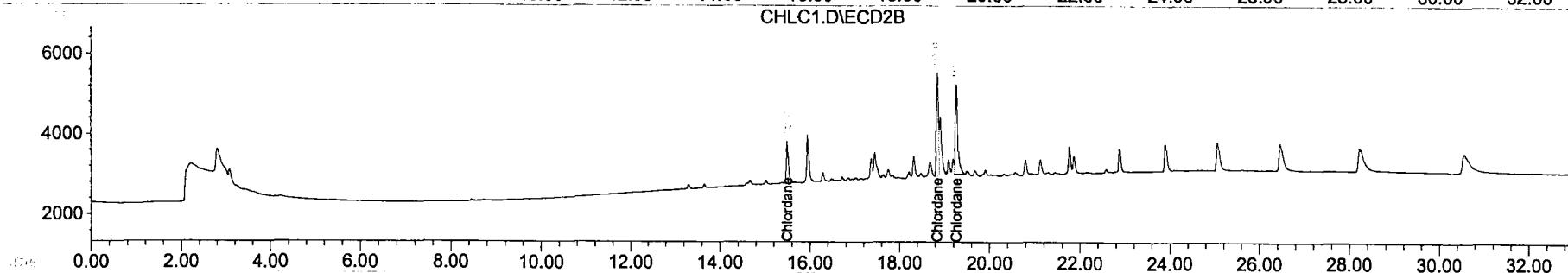
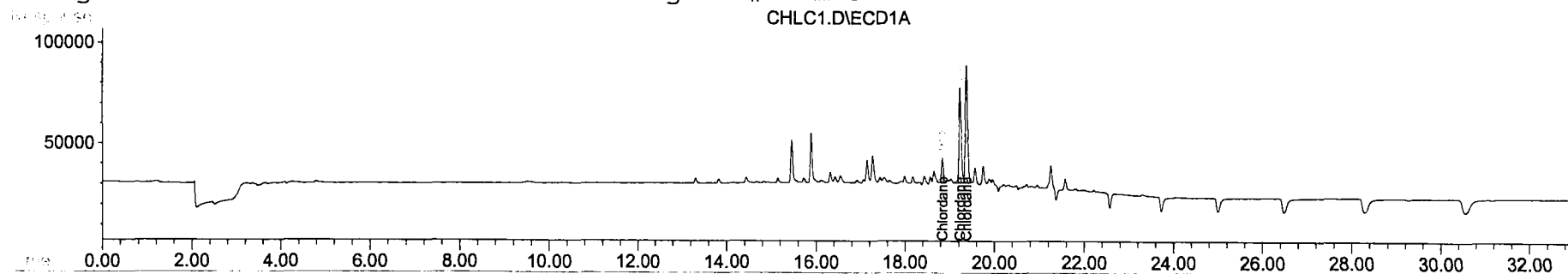
Data File : C:\HPCHEM\1\DATA\508\111601\CHLC1.D\ECD1A.CH Vial: 6
 Acq On : 16 Nov 2010 7:17 pm Operator: Nefliu
 Sample : chlordan ic1 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\CHLC1.D\ECD2B.CH Vial: 6
 Acq On : 16 Nov 101 7:17 pm Operator: Nefliu
 Sample : chlordan ic1 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 17 11:40 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\TOXC1.D\ECD1A.CH Vial: 10
 Acq On : 16 Nov 2010 9:48 pm Operator: Nefliu
 Sample : toxaphene ic1 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\111601\TOXC1.D\ECD2B.CH Vial: 10
 Acq On : 16 Nov 10 9:48 pm Operator: Nefliu
 Sample : toxaphene ic1 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 17 11:02 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
 Title : 508 Toxaphene
 Last Update : Sat Nov 17 11:00:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
----------	------	------	--------	--------	--------	--------

System Monitoring Compounds

Target Compounds

1)	TOX-1	17.89	17.66	74726	5511	0.703m	0.795m
2)	TOX-2	21.09	18.90	136775	6133	0.727m	0.743m
3)	TOX-3	21.65	22.17	163779	14233	0.686m	0.730m
4)	TOX-4	22.44	23.69	301366	17878	0.696m	0.644m
5)	TOX-5	23.36	23.85	276353	14031	0.736m	0.593m

$\bar{f} = 0.71 (m/l)$

Quantitation Report

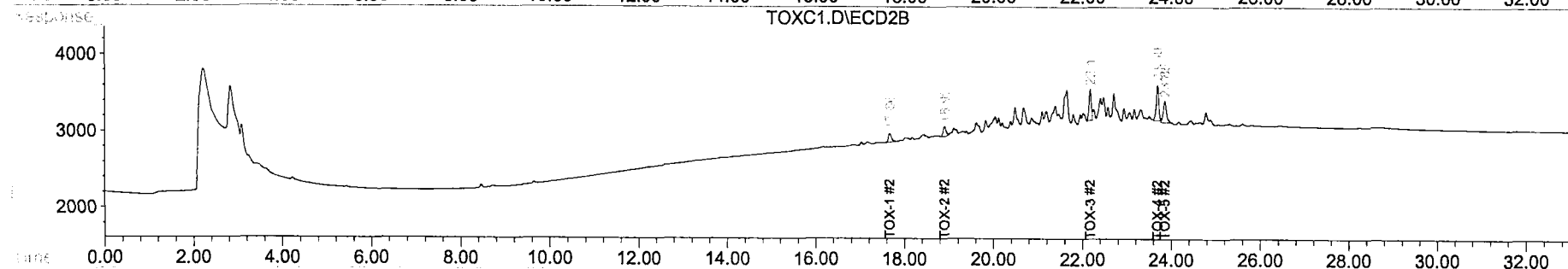
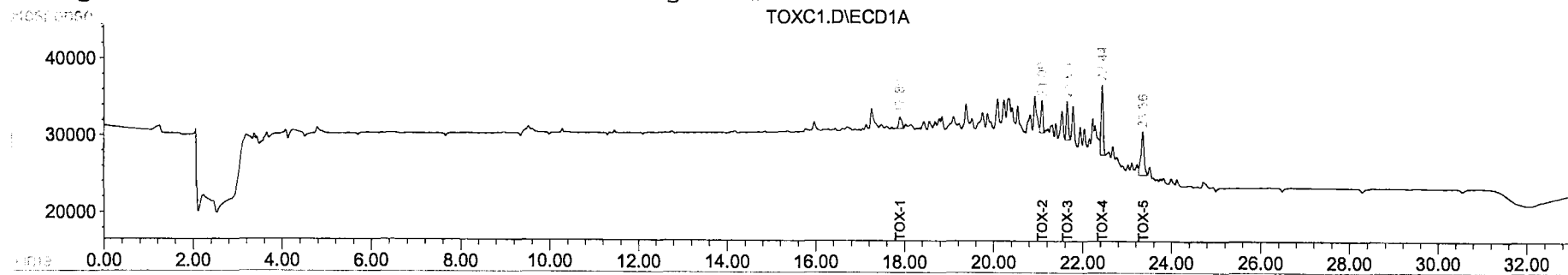
Data File : C:\HPCHEM\1\DATA\508\111601\TOXC1.D\ECD1A.CH Vial: 10
 Acq On : 16 Nov 2010 9:48 pm Operator: Nefliu
 Sample : toxaphene ic1 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\TOXC1.D\ECD2B.CH Vial: 10
 Acq On : 16 Nov 10 9:48 pm Operator: Nefliu
 Sample : toxaphene ic1 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 17 11:02 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
 Title : 508 Toxaphene
 Last Update : Sat Nov 17 11:00:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :
 TOXC1.D\ECD1A



Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\1248C2.D\ECD1A.CH Vial: 5
Acq On : 16 Nov 2010 6:40 pm Operator: Nefliu
Sample : 1248 c2 Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\111601\1248C2.D\ECD2B.CH Vial: 5
Acq On : 16 Nov 10 6:40 pm Operator: Nefliu
Sample : 1248 c2 Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 16:46 19101 Quant Results File: 1248508.RES

Quant Method : C:\HPCHEM\1\METHODS\1248508.M (Chemstation Integrator)
Title : PCB 11/24/99 I LEVEL
Last Update : Mon Nov 19 16:43:31 2001
Response via : Initial Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
----------	------	------	--------	--------	--------	--------

System Monitoring Compounds

Target Compounds

1)	1248-1	14.39	14.98	152435	7063	0.199	0.180
2)	1248-2	15.68	16.03	425664	16222	0.200m	0.198
3)	1248-3	17.22	17.78	484024	11298	0.199m	0.195m
4)	1248-4	17.46	18.64	356765	11635	0.212m	0.194
5)	1248-5	19.81	19.37	144228	11118	0.197	0.202

J = 0.20
(100/1)

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1248C2.D P111501.M Tue Nov 20 15:13:29 2001

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Quantitation Report

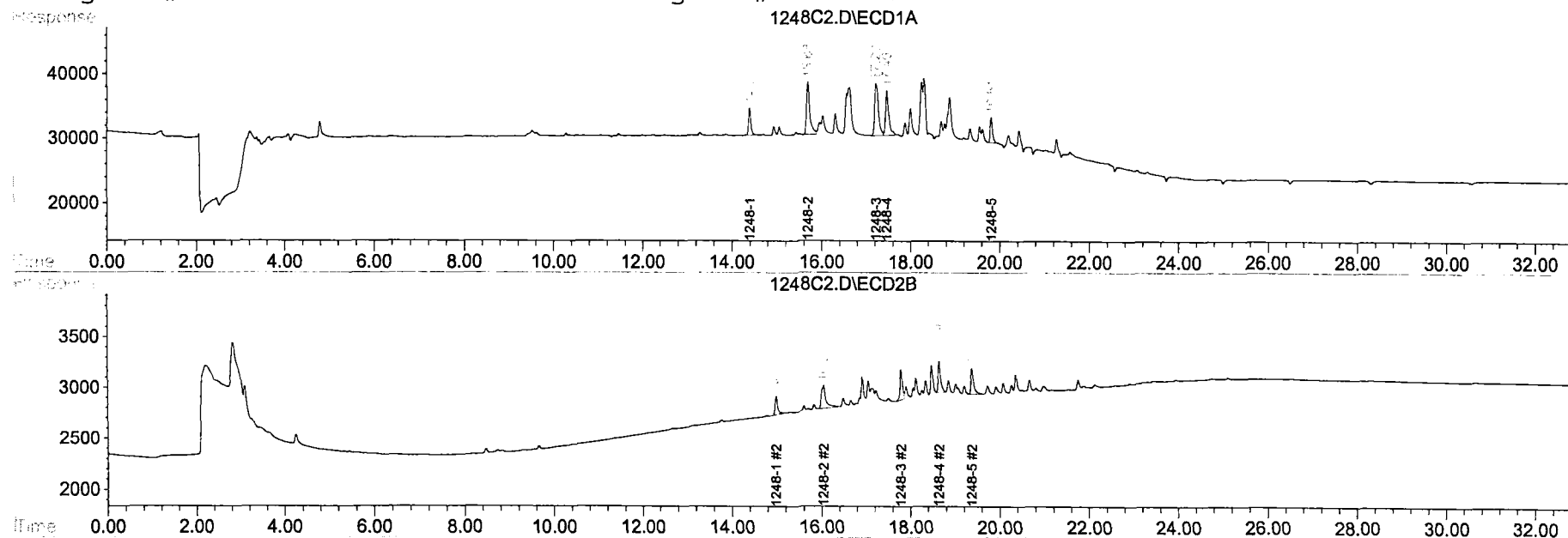
Data File : C:\HPCHEM\1\DATA\508\111601\1248C2.D\ECD1A.CH Vial: 5
Acq On : 16 Nov 2010 6:40 pm Operator: Nefliu
Sample : 1248 c2 Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\1248C2.D\ECD2B.CH Vial: 5
Acq On : 16 Nov 101 6:40 pm Operator: Nefliu
Sample : 1248 c2 Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Nov 19 16:46 19101 Quant Results File: 1248508.RES

Quant Method : C:\HPCHEM\1\METHODS\1248508.M (Chemstation Integrator)
Title : PCB 11/24/99 I LEVEL
Last Update : Mon Nov 19 16:43:31 2001
Response via : Multiple Level Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



User: Nefiu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:46:38

Sample: AD25040
Analysis: \$C2508 Pesticides CCV2
Units: ug
Started: 10/19/01 15:39 Ended: 11/16/01 15:39 Analyst: MN
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		102		0.040
2	Lindane		89		0.030
3	Heptachlor		96		0.020
4	Aldrin		87		0.010
5	Heptachlor Epoxide		80		0.030
6	4,4-DDE		84		0.080
7	Dieldrin		84		0.016
8	Endrin		87		0.020
9	Methoxychlor		89		0.039
10	Chlordane		100		0.40
11	Toxaphene		91		0.40
12	PCB's				0.20
13	Surr_2,4-DDD		100		

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\3PESTC2.D\ECD1A.CH Vial: 52
 Acq On : 18 Nov 2010 10:52 am Operator: Nefliu
 Sample : pest ccv Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\3PESTC2.D\ECD2B.CH Vial: 52
 Acq On : 18 Nov 10 10:52 am Operator: Nefliu
 Sample : pest ccv Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:50 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
----------	------	------	--------	--------	------	------

System Monitoring Compounds

10) S 2,4 DDD Surrogat	20.27	20.53	3108705	175844	0.164m	0.195
Spiked Amount	0.200		Recovery	=	82.00%	97.50%

Target Compounds

1) Propachlor	13.17	12.63	479218	30075	0.204m	0.227
2) g-BHC	15.24	14.96	10938469	569042	0.249	0.292
3) Heptachlor	15.82	15.88	3034152	162015	0.092	0.098
4) Aldrin	16.57	16.79	4793626	304497	0.104	0.121
5) Heptachlor Epoxi	18.33	18.33	6649587	496234	0.191	0.242 #
6) 4,4-DDE	19.55	19.86	11149438	513181	0.337	0.400m
7) Dieldrin	19.96	20.06	2437179	187100	0.067	0.078m
8) Endrin	20.47	21.01	3078438	204581	0.176m	0.232 #
9) Methoxychlor	23.32	24.29	1519215	162326	0.356m	0.402

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

3PESTC2.D P111501.M Tue Nov 20 14:05:19 2001

Page 1

Quantitation Report

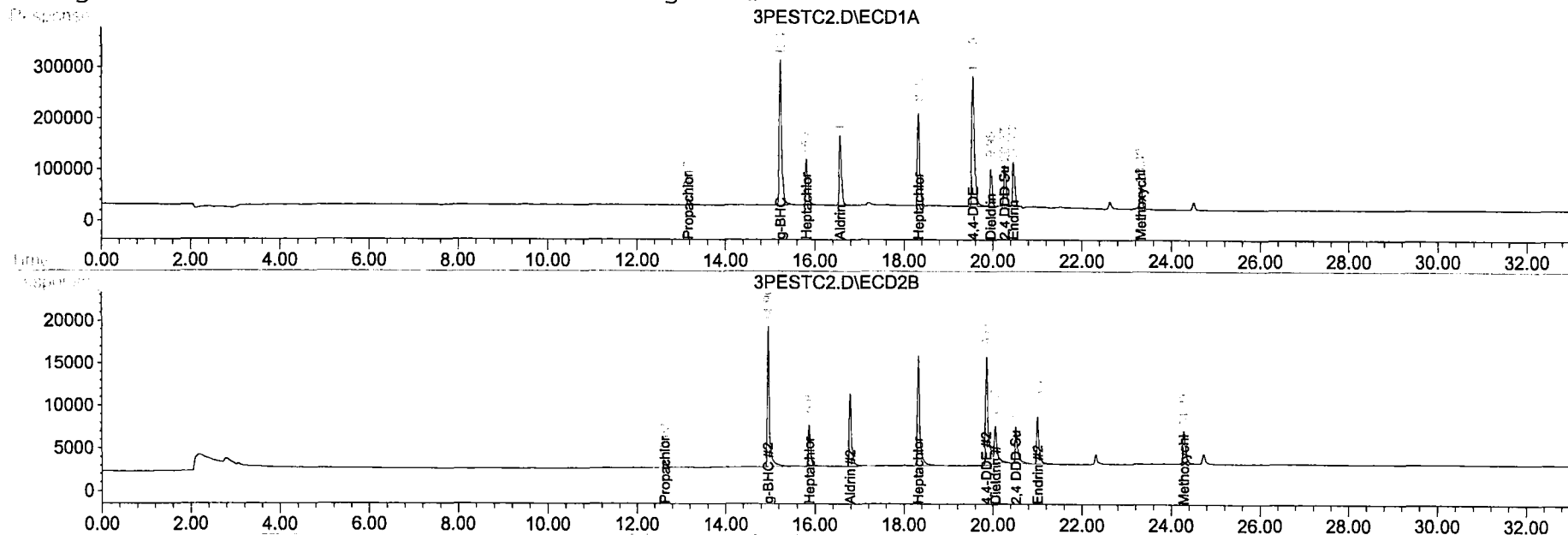
Data File : C:\HPCHEM\1\DATA\508\111601\3PESTC2.D\ECD1A.CH Vial: 52
 Acq On : 18 Nov 2010 10:52 am Operator: Nefliu
 Sample : pest ccv Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\3PESTC2.D\ECD2B.CH Vial: 52
 Acq On : 18 Nov 101 10:52 am Operator: Nefliu
 Sample : pest ccv Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:50 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :
 Signal #2 Phase :
 Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\2CHLC2.D\ECD1A.CH Vial: 55
 Acq On : 18 Nov 2010 12:45 pm Operator: Nefliu
 Sample : chl ccv Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\111601\2CHLC2.D\ECD2B.CH Vial: 55
 Acq On : 18 Nov 101 12:45 pm Operator: Nefliu
 Sample : chl ccv Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:24 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
----------	------	------	--------	--------	------	------

System Monitoring Compounds

4) S 2,4-DDD Surrogat	20.27	20.52	3324570	177789	0.200m	0.215m
Spiked Amount	0.200		Recovery	=	100.00%	107.50%

Target Compounds

1) Chlordane 1	18.76	15.43	1327729	137342	1.540m	1.759
2) Chlordane 2	19.16	18.77	5304670	305599	1.536m	1.675m
3) Chlordane 3	19.30	19.19	6666220	335817	1.570m	1.728m

$\bar{x} = 1.6 (100.1)$

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

2CHLC2.D P111501.M Tue Nov 20 14:03:19 2001

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Quantitation Report

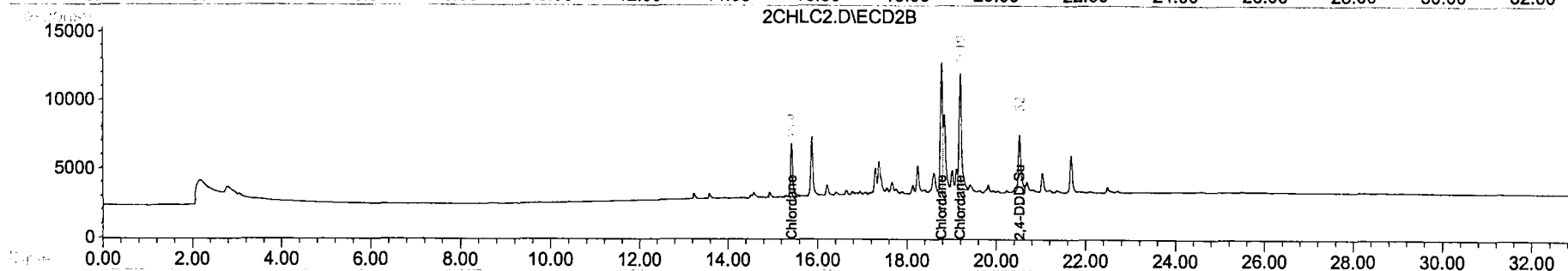
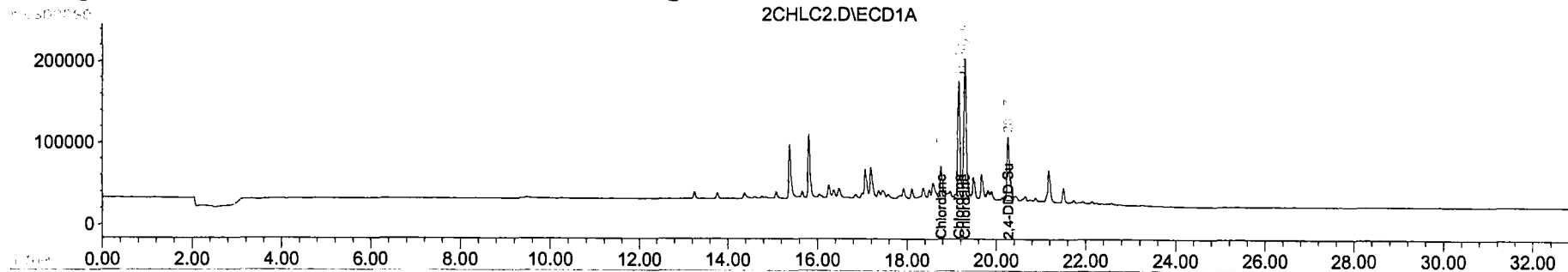
Data File : C:\HPCHEM\1\DATA\508\111601\2CHLC2.D\ECD1A.CH Vial: 55
 Acq On : 18 Nov 2010 12:45 pm Operator: Nefliu
 Sample : chl ccv Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\2CHLC2.D\ECD2B.CH Vial: 55
 Acq On : 18 Nov 101 12:45 pm Operator: Nefliu
 Sample : chl ccv Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 14:24 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :
 Signal #2 Phase :
 Signal #2 Info :
 2CHLC2.D\ECD1A



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\2TOXC2.D\ECD1A.CH Vial: 51
 Acq On : 18 Nov 2010 10:14 am Operator: Nefliu
 Sample : tox ccv Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\111601\2TOXC2.D\ECD2B.CH Vial: 51
 Acq On : 18 Nov 10 10:14 am Operator: Nefliu
 Sample : tox ccv Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:42 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
 Title : 508 Toxaphene
 Last Update : Sat Nov 17 11:00:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
----------	------	------	--------	--------	--------	--------

System Monitoring Compounds

6) S 2,4-DDD Surrogat	20.27	20.53	2883028	153798	0.183m	0.229m#
Spiked Amount	0.200		Recovery	=	91.50%	114.50%

Target Compounds

1) TOX-1	17.83	17.60	322324	20907	3.034m	3.014m
2) TOX-2	21.02	18.83	523107	26949	2.780m	3.264m
3) TOX-3	21.58	22.09	706189	63466	2.957m	3.257m
4) TOX-4	22.37	23.61	1211974	90106	2.800m	3.244m
5) TOX-5	23.28	23.77	1042482	79921	2.776m	3.377m

Handwritten:
 $\bar{x} = 2.8$
 (91.1)

Quantitation Report

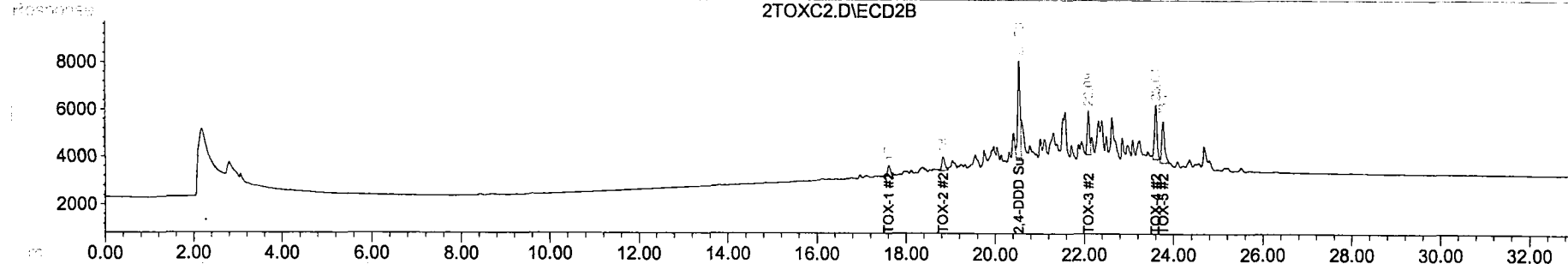
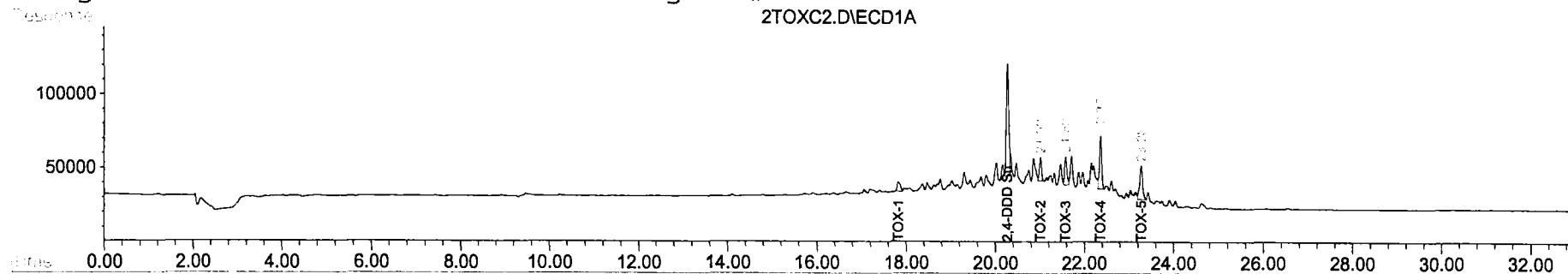
Data File : C:\HPCHEM\1\DATA\508\111601\2TOXC2.D\ECD1A.CH Vial: 51
 Acq On : 18 Nov 2010 10:14 am Operator: Nefliu
 Sample : tox ccv Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\2TOXC2.D\ECD2B.CH Vial: 51
 Acq On : 18 Nov 101 10:14 am Operator: Nefliu
 Sample : tox ccv Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 14:42 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
 Title : 508 Toxaphene
 Last Update : Sat Nov 17 11:00:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :
 2TOXC2.D\ECD1A



Response Factor Report 105

Method : C:\HPCHEM\1\METHODS\508\111701P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001

Calibration Files

1 =PESTC1.D 2 =PESTC2.D 3 =PESTC3.D
 4 =PESTC4.D 5 =PESTC5.D 6 =PESTC6.D

	Compound	1	2	3	4	5	6	Avg	%RSD
1)	Propachlor	2.713	2.244	1.906				2.288 E6	17.73
2)	g-BHC	4.805	3.801	3.517				4.041 E7	16.74
3)	Heptachlor	3.709	3.275	3.086				3.357 E7	9.51
4)	Aldrin	4.889	4.102	3.805				4.265 E7	13.13
5)	Heptachlor Epoxide	3.727	2.988	2.670				3.128 E7	17.34
6)	4,4-DDE	3.800	2.966	2.610				3.125 E7	19.54
7)	Dieldrin	3.777	3.261	3.111				3.383 E7	10.32
8)	Endrin	1.531	1.379	1.285				1.398 E7	8.88
9)	Methoxychlor	4.663	4.073	3.943				4.226 E6	9.08
10) S	2,4 DDD Surrogate		1.583					1.583 E7	0.00

Signal #2 Calibration Files

1 =2PESTC1.D 2 =2PESTC2.D 3 =2PESTC3.D
 4 =PESTC4.D 5 =PESTC5B.D 6 =PESTC6.D

	Compound	1	2	3	4	5	6	Avg	%RSD
1)	Propachlor	1.383	1.361	1.318				1.354 E5	2.45
2)	g-BHC	1.978	1.730	1.719				1.809 E6	8.12
3)	Heptachlor	1.920	1.589	1.555				1.688 E6	11.94
4)	Aldrin	2.547	2.334	2.330				2.403 E6	5.17
5)	Heptachlor Epoxide	2.203	1.818	1.720				1.914 E6	13.34
6)	4,4-DDE	1.425	1.205	1.142				1.257 E6	11.79
7)	Dieldrin	2.608	2.177	1.829				2.205 E6	17.70
8)	Endrin	8.106	7.036	6.477				7.206 E5	11.49
9)	Methoxychlor	4.626	4.109	3.882				4.206 E5	9.07
10) S	2,4 DDD Surrogate		8.176					8.176 E5	0.00

(#) = Out of Range ### Number of calibration levels exceeded format ###
 111701P.M Tue Nov 20 15:17:54 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\PESTC3.D\ECD1A.CH Vial: 16
Acq On : 17 Nov 2010 1:35 am Operator: Nefliu
Sample : pest ic3 Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\PESTC3.D\ECD2B.CH Vial: 16
Acq On : 17 Nov 10 1:35 am Operator: Nefliu
Sample : pest ic3 Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Nov 17 9:21 19101 Quant Results File: 111701P.RES

Quant Method : C:\HPCHEM\1\METHODS\111701P.M (Chemstation Integrator)
Title : nonpotable pesticides MAY 22 2001
Last Update : Sat Nov 17 09:04:43 2001
Response via : Initial Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
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System Monitoring Compounds

Target Compounds

1)	Propachlor	13.23	12.69	785240	52158	0.343m	0.385m
2)	g-BHC	15.31	15.03	19697630	962438	0.487	0.532
3)	Heptachlor	15.89	15.95	5864285	295482	0.175	0.175
4)	Aldrin	16.64	16.87	9131783	559080	0.214	0.233
5)	Heptachlor Epoxi	18.40	18.40	12751118	825803	0.408m	0.431
6)	4,4-DDE	19.62	19.93	20733885	910871	0.663	0.724m
7)	Dieldrin	20.03	20.14	4977723	386854	0.147	0.175m
8)	Endrin	20.55	21.09	5139083	266980	0.368	0.370m
9)	Methoxychlor	23.40	24.38	3193554	310524	0.756m	0.738

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

PESTC3.D P111501.M Tue Nov 20 14:08:35 2001

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Quantitation Report

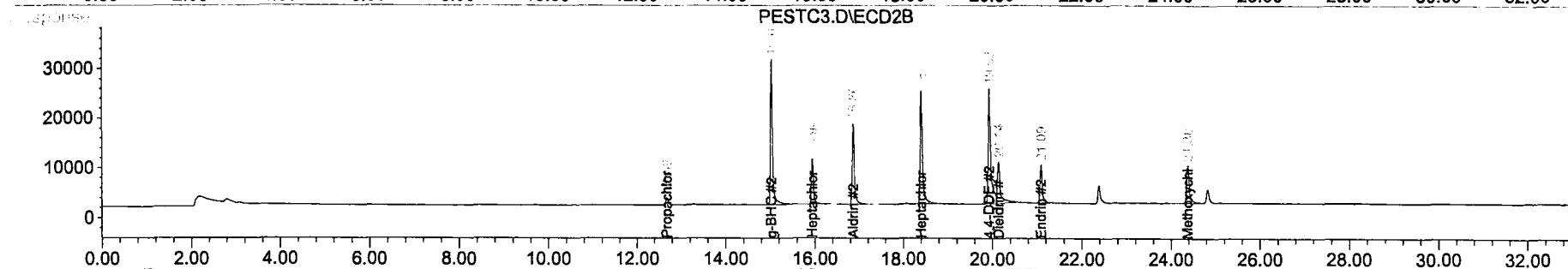
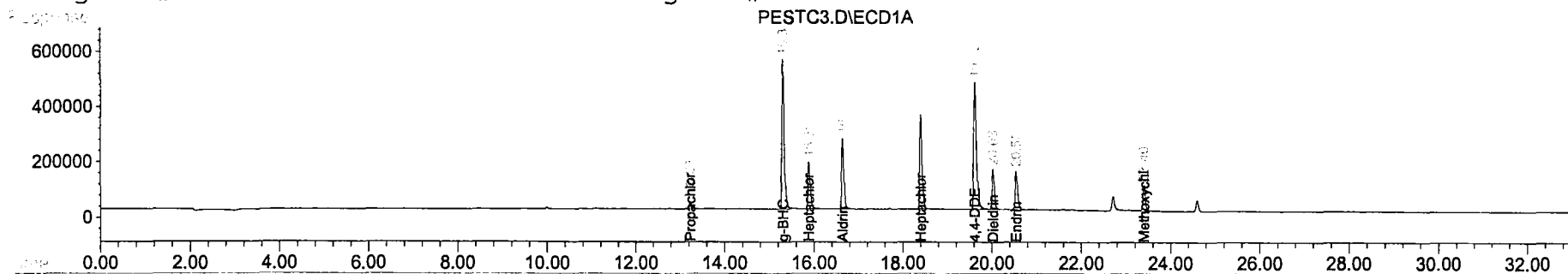
Data File : C:\HPCHEM\1\DATA\508\111601\PESTC3.D\ECD1A.CH Vial: 16
 Acq On : 17 Nov 2010 1:35 am Operator: Nefliu
 Sample : pest ic3 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\PESTC3.D\ECD2B.CH Vial: 16
 Acq On : 17 Nov 10 1:35 am Operator: Nefliu
 Sample : pest ic3 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 17 9:21 19101 Quant Results File: 111701P.RES

Quant Method : C:\HPCHEM\1\METHODS\111701P.M (Chemstation Integrator)
 Title : nonpotable pesticides MAY 22 2001
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :
 Signal #2 Phase :
 Signal #2 Info :



Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\PESTUR.D\ECD1A.CH Vial: 17
 Acq On : 17 Nov 2010 2:13 am Operator: Nefliu
 Sample : pest unextracted ref Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\PESTUR.D\ECD2B.CH Vial: 17
 Acq On : 17 Nov 10 2:13 am Operator: Nefliu
 Sample : pest unextracted ref Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 17 9:28 19101 Quant Results File: 111701P.RES

Quant Method : C:\HPCHEM\1\METHODS\111701P.M (Chemstation Integrator)
 Title : nonpotable pesticides MAY 22 2001
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
----------	------	------	--------	--------	------	------

System Monitoring Compounds

Target Compounds

1)	Propachlor	13.23	12.68	437252	25703	0.191 <i>q</i>	0.190m
2)	g-BHC	15.31	15.03	6016921	241688	0.149 <i>q</i>	0.134
3)	Heptachlor	15.88	15.94	3095759	146860	0.092 <i>q</i>	0.087
4)	Aldrin	16.64	16.86	2127582	104499	0.050 <i>q</i>	0.043
5)	Heptachlor Epoxi	18.40	18.40	4539508	259349	0.145 <i>q</i>	0.136
6)	4,4-DDE	19.61	19.92	11507282	441363	0.368 <i>q</i>	0.351m
7)	Dieldrin	20.03	20.13	2396103	170529	0.071 <i>q</i>	0.077m
8)	Endrin	20.54	21.08	1325010	63834	0.095 <i>q</i>	0.089
9)	Methoxychlor	23.39	24.37	798843	77125	0.189m <i>q</i>	0.183

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

PESTUR.D P111501.M Tue Nov 20 14:08:49 2001

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Quantitation Report

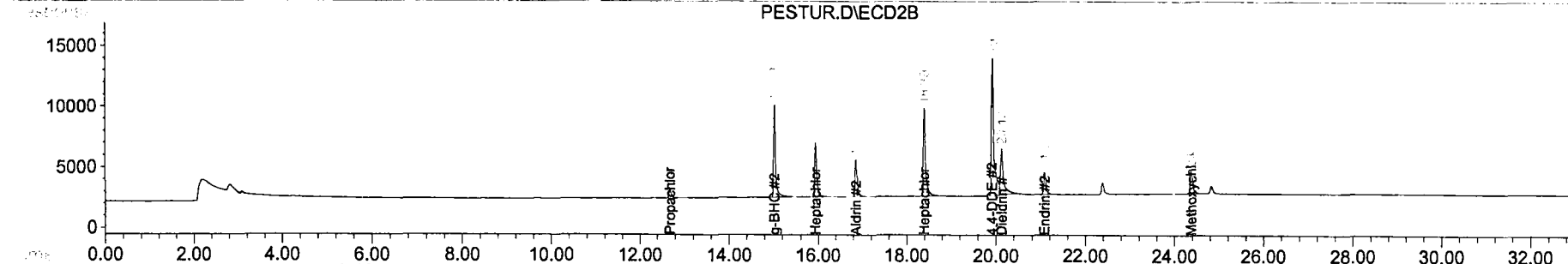
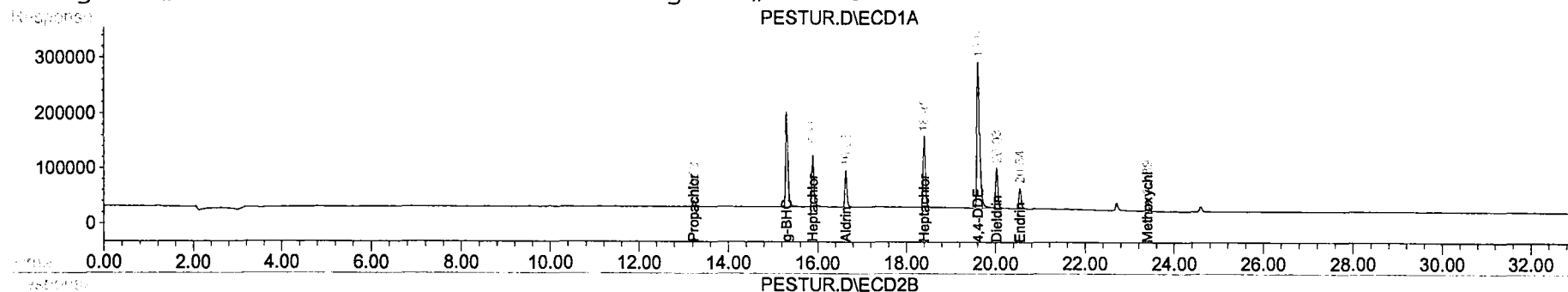
Data File : C:\HPCHEM\1\DATA\508\111601\PESTUR.D\ECD1A.CH Vial: 17
 Acq On : 17 Nov 2010 2:13 am Operator: Nefliu
 Sample : pest unextracted ref Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\PESTUR.D\ECD2B.CH Vial: 17
 Acq On : 17 Nov 10 2:13 am Operator: Nefliu
 Sample : pest unextracted ref Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 17 9:28 19101 Quant Results File: 111701P.RES

Quant Method : C:\HPCHEM\1\METHODS\111701P.M (Chemstation Integrator)
 Title : nonpotable pesticides MAY 22 2001
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :
 Signal #2 Phase :
 Signal #2 Info :
 PESTUR.D\ECD1A



Response Factor Report 105

Method : C:\HPCHEM\1\METHODS\508\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001

Calibration Files

1 =2PESTC1.D 2 =2PESTC2.D 3 =2PESTC3.D
 4 =PESTC4.D 5 =PESTC5.D 6 =PESTC6.D

	Compound	1	2	3	4	5	6	Avg	%RSD
1)	Propachlor	2.422	2.594	2.020				2.345 E6	12.56
2)	g-BHC	4.950	4.465	3.752				4.389 E7	13.73
3)	Heptachlor	3.419	3.356	3.145				3.307 E7	4.35
4)	Aldrin	4.957	4.792	4.074				4.607 E7	10.19
5)	Heptachlor Epoxide	3.945	3.584	2.906				3.478 E7	15.16
6)	4,4-DDE	3.873	3.325	2.724				3.308 E7	17.37
7)	Dieldrin	3.762	3.792	3.386				3.647 E7	6.21
8)	Endrin	1.888	1.924	1.428				1.746 E7	15.84
9)	Methoxychlor	4.137	4.658	4.020				4.272 E6	7.95
10) S	2,4 DDD Surrogate		1.896					1.896 E7	0.00

Signal #2 Calibration Files

1 =2PESTC1.D 2 =2PESTC2.D 3 =2PESTC3.D
 4 =PESTC4.D 5 =PESTC5B.D 6 =PESTC6.D

	Compound	1	2	3	4	5	6	Avg	%RSD
1)	Propachlor	1.194	1.434	1.350				1.326 E5	9.22
2)	g-BHC	1.916	2.067	1.856				1.946 E6	5.57
3)	Heptachlor	1.689	1.738	1.529				1.652 E6	6.62
4)	Aldrin	2.401	2.683	2.473				2.519 E6	5.82
5)	Heptachlor Epoxide	2.108	2.147	1.893				2.049 E6	6.69
6)	4,4-DDE	1.328	1.334	1.184				1.282 E6	6.63
7)	Dieldrin	2.387	2.538	2.304				2.409 E6	4.93
8)	Endrin	9.575	9.914	6.923				8.804 E5	18.60
9)	Methoxychlor	3.947	4.383	3.781				4.037 E5	7.69
10) S	2,4 DDD Surrogate		9.004					9.004 E5	0.00

(#) = Out of Range ### Number of calibration levels exceeded format ###
 111901P.M Tue Nov 20 15:18:23 2001

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\2PESTC1.D\ECD1A.CH Vial: 63
Acq On : 17 Nov 2010 4:38 pm Operator: Nefliu
Sample : pest ic1 Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\2PESTC1.D\ECD2B.CH Vial: 63
Acq On : 17 Nov 10 4:38 pm Operator: Nefliu
Sample : pest ic1 Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Nov 19 13:53 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides
Last Update : Sat Nov 17 09:04:43 2001
Response via : Initial Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
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System Monitoring Compounds

Target Compounds

1)	Propachlor	13.22	12.68	87063	4812	0.037	0.036m
2)	g-BHC	15.30	15.02	2772262	105941	0.063	0.054m
3)	Heptachlor	15.87	15.93	643970	31493	0.019m	0.019m
4)	Aldrin	16.63	16.85	1189705	57156	0.026	0.023m
5)	Heptachlor Epoxi	18.39	18.39	1893413	101200	0.054	0.049
6)	4,4-DDE	19.61	19.92	3098565	103529	0.094	0.081m
7)	Dieldrin	20.02	20.13	590463	40773	0.016	0.017m
8)	Endrin	20.54	21.08	755026	36364	0.043	0.041
9)	Methoxychlor	23.39	24.37	330082	31577	0.077m	0.078

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

2PESTC1.D P111501.M Tue Nov 20 14:03:36 2001

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Quantitation Report

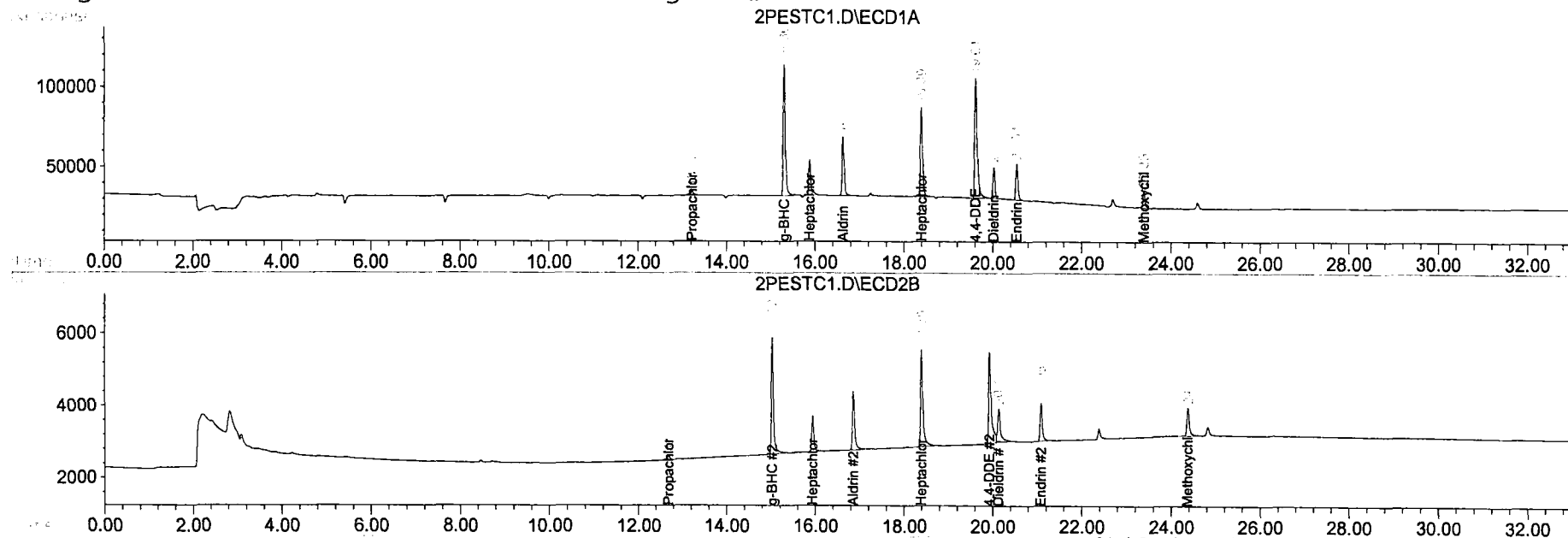
Data File : C:\HPCHEM\1\DATA\508\111601\2PESTC1.D\ECD1A.CH Vial: 63
 Acq On : 17 Nov 2010 4:38 pm Operator: Nefliu
 Sample : pest icl Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\2PESTC1.D\ECD2B.CH Vial: 63
 Acq On : 17 Nov 10 4:38 pm Operator: Nefliu
 Sample : pest icl Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:53 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :
 Signal #2 Phase :
 Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\2PESTC2.D\ECD1A.CH Vial: 64
Acq On : 17 Nov 2010 5:15 pm Operator: Nefliu
Sample : pest ic2 Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\2PESTC2.D\ECD2B.CH Vial: 64
Acq On : 17 Nov 10 5:15 pm Operator: Nefliu
Sample : pest ic2 Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Nov 19 13:54 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides
Last Update : Sat Nov 17 09:04:43 2001
Response via : Initial Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
----------	------	------	--------	--------	------	------

System Monitoring Compounds

10) S 2,4 DDD Surrogat	20.33	20.59	3798395	180084	0.200m	0.200
Spiked Amount	0.200		Recovery	=	100.00%	100.00%

Target Compounds

1) Propachlor	13.22	12.68	518761	28245	0.221	0.213m
2) g-BHC	15.30	15.02	12574036	578649	0.286m	0.297
3) Heptachlor	15.88	15.94	3215409	166805	0.097m	0.101
4) Aldrin	16.63	16.86	5749849	321945	0.125	0.128
5) Heptachlor Epoxi	18.40	18.39	8601083	515336	0.247	0.251
6) 4,4-DDE	19.61	19.92	13301114	537869	0.402	0.420m
7) Dieldrin	20.02	20.13	3033605	203264	0.083	0.084m
8) Endrin	20.54	21.08	3892798	198277	0.223m	0.225
9) Methoxychlor	23.39	24.37	1876100	175302	0.439m	0.434

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

2PESTC2.D P111501.M Tue Nov 20 14:03:52 2001

Page 1

Quantitation Report

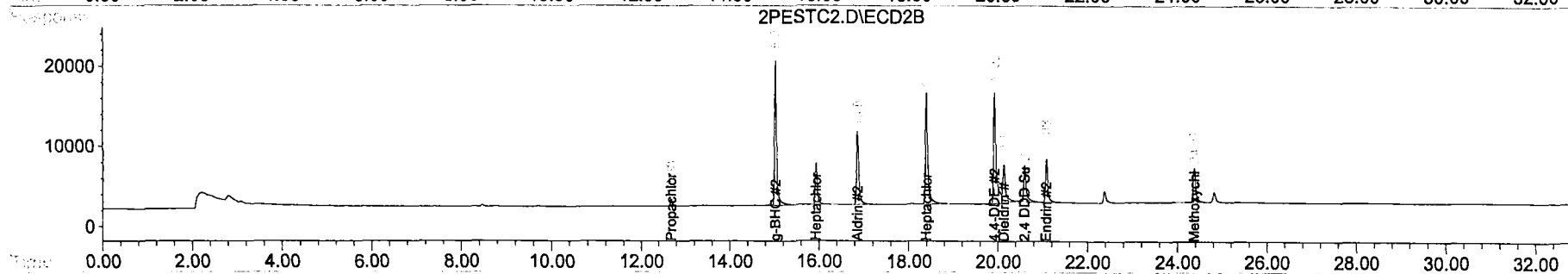
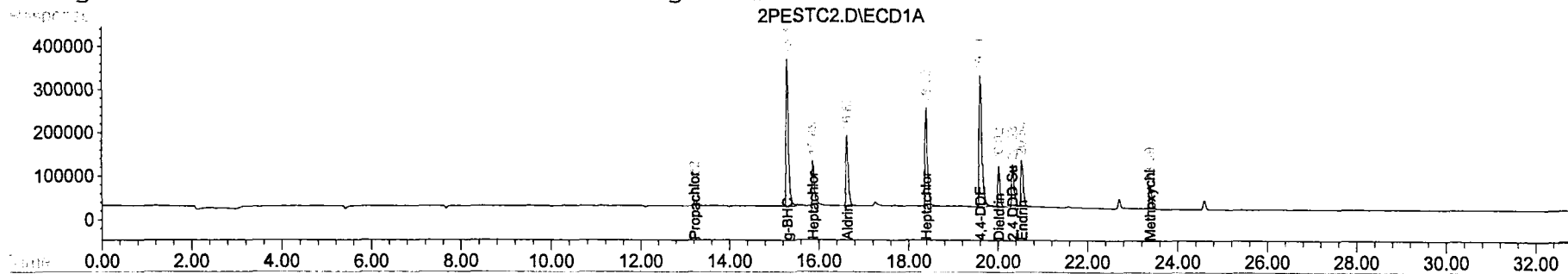
Data File : C:\HPCHEM\1\DATA\508\111601\2PESTC2.D\ECD1A.CH Vial: 64
Acq On : 17 Nov 2010 5:15 pm Operator: Nefliu
Sample : pest ic2 Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\2PESTC2.D\ECD2B.CH Vial: 64
Acq On : 17 Nov 10 5:15 pm Operator: Nefliu
Sample : pest ic2 Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Nov 19 13:54 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides
Last Update : Sat Nov 17 09:04:43 2001
Response via : Multiple Level Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :
2PESTC2.D\ECD1A



Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\2PESTC3.D\ECD1A.CH Vial: 65
 Acq On : 17 Nov 2010 5:53 pm Operator: Nefliu
 Sample : pest ic2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\2PESTC3.D\ECD2B.CH Vial: 65
 Acq On : 17 Nov 10 5:53 pm Operator: Nefliu
 Sample : pest ic2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E
 Quant Time: Nov 19 13:56 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
----------	------	------	--------	--------	------	------

System Monitoring Compounds

Target Compounds

1)	Propachlor	13.19	12.65	804285	52133	0.343m	0.393m
2)	g-BHC	15.27	14.99	21011157	1039635	0.479	0.534
3)	Heptachlor	15.84	15.90	5975430	290455	0.181	0.176
4)	Aldrin	16.60	16.82	9777215	593498	0.212	0.236
5)	Heptachlor Epoxi	18.36	18.36	13949651	908470	0.401	0.443
6)	4,4-DDE	19.57	19.88	21794009	950507	0.659	0.742m
7)	Dieldrin	19.98	20.09	5417593	433218	0.149	0.180m
8)	Endrin	20.50	21.04	5710323	290625	0.327	0.330m
9)	Methoxychlor	23.35	24.32	3231562	302497	0.757m	0.749

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

2PESTC3.D P111501.M Tue Nov 20 14:04:11 2001

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Quantitation Report

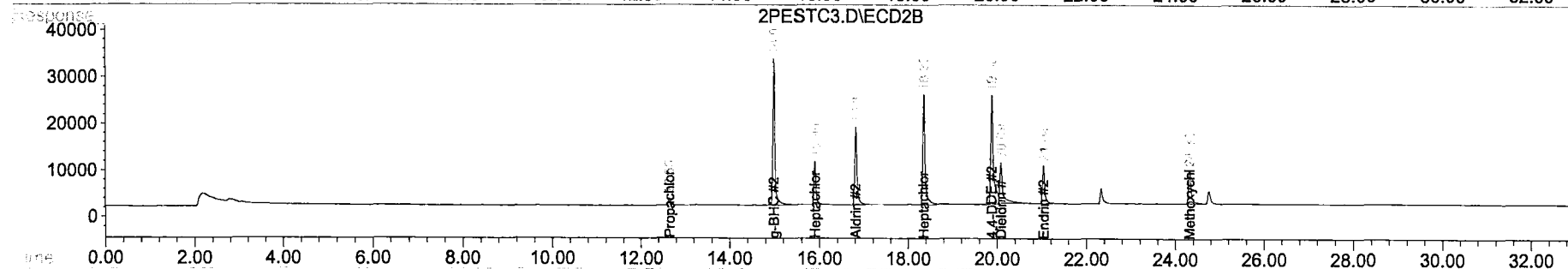
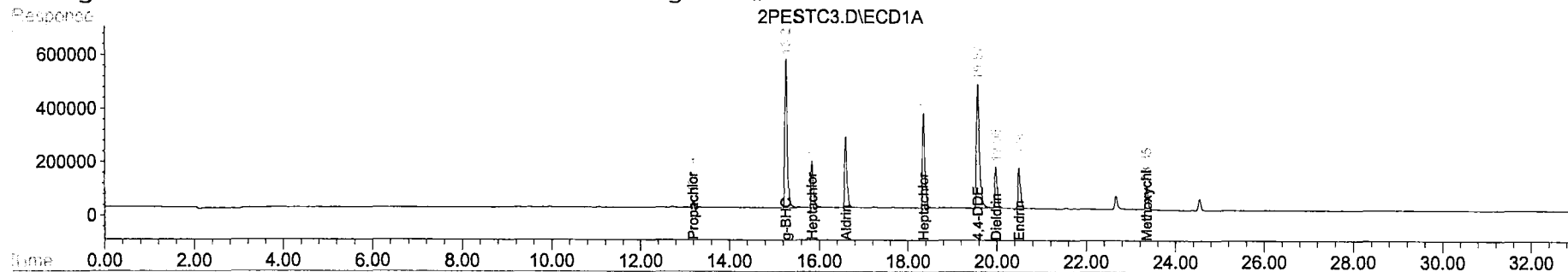
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 Acq On : 17 Nov 2010 5:53 pm Operator: Nefliu
 Sample : pest ic2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\2PESTC3.D\ECD2B.CH Vial: 65
 Acq On : 17 Nov 101 5:53 pm Operator: Nefliu
 Sample : pest ic2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:56 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :
 Signal #2 Phase :
 Signal #2 Info :



Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\2PESTUR.D\ECD1A.CH Vial: 66
 Acq On : 17 Nov 2010 6:31 pm Operator: Nefliu
 Sample : pest unextracted ref Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\2PESTUR.D\ECD2B.CH Vial: 66
 Acq On : 17 Nov 10 6:31 pm Operator: Nefliu
 Sample : pest unextracted ref Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E
 Quant Time: Nov 19 13:57 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
----------	------	------	--------	--------	------	------

System Monitoring Compounds

Target Compounds

1)	Propachlor	13.19	12.65	504378	26643	0.215m ¹⁰²	0.201m
2)	g-BHC	15.27	14.86f	7145329	279976	0.163m ¹⁰⁹	0.144
3)	Heptachlor	15.84	15.90	3439893	159787	0.104m ¹⁰⁴	0.097
4)	Aldrin	16.60	16.82	2470877	113748	0.054 ¹⁰⁸	0.045
5)	Heptachlor Epoxi	18.36	18.36	5698572	295677	0.164 ¹⁰⁹	0.144
6)	4,4-DDE	19.57	19.88	13251245	488757	0.401 ¹⁰⁸	0.381m
7)	Dieldrin	19.98	20.09	2892552	211287	0.079m ⁹⁹	0.088m
8)	Endrin	20.50	21.04	1956297	90548	0.112 ¹¹²	0.103
9)	Methoxychlor	23.35	24.32	952715	83197	0.223m ¹¹¹	0.206

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

2PESTUR.D P111501.M Tue Nov 20 14:04:27 2001

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Quantitation Report

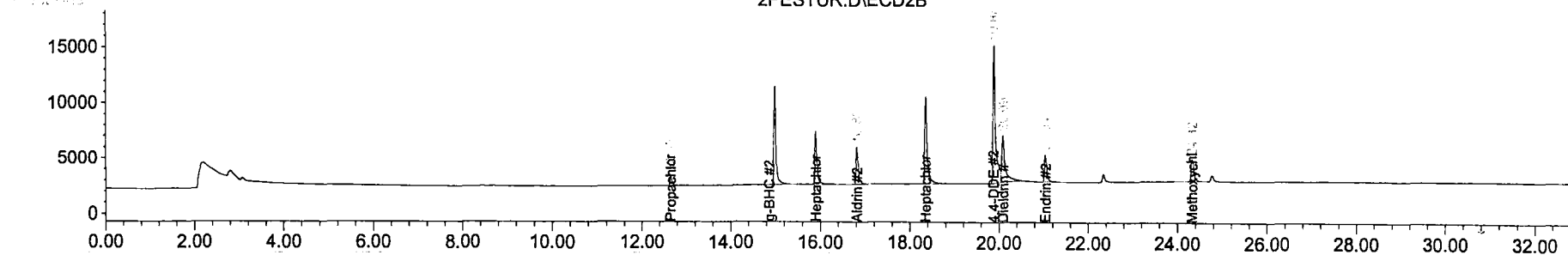
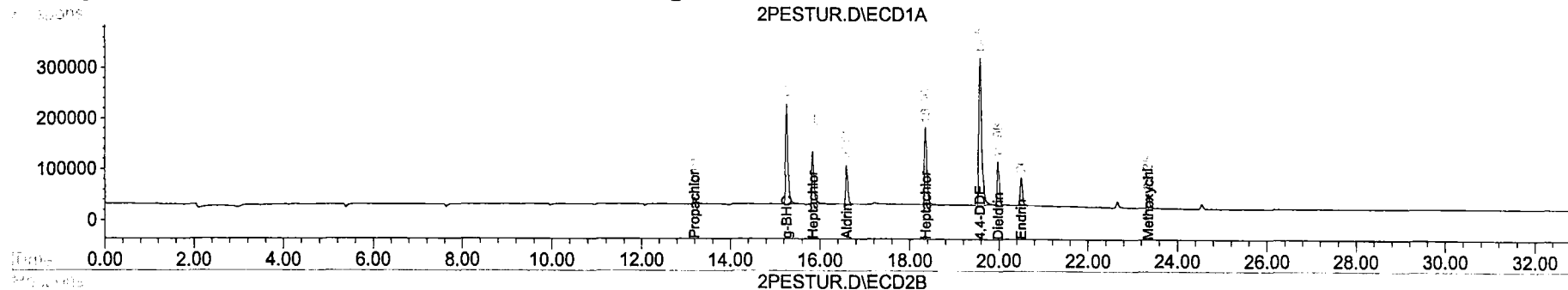
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 Acq On : 17 Nov 2010 6:31 pm Operator: Nefliu
 Sample : pest unextracted ref Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\2PESTUR.D\ECD2B.CH Vial: 66
 Acq On : 17 Nov 10 6:31 pm Operator: Nefliu
 Sample : pest unextracted ref Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:57 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :
 2PESTUR.D\ECD1A



Response Factor Report 105

Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)
Title : 508 CHLORDANE
Last Update : Sat Nov 17 11:19:53 2001

Calibration Files

1 =CHLC1.D 2 =CHLC2.D 3 =CHLC3.D
4 =0730CHC4.D 5 =0730CHC5.D 6 =0730CHC6.D

	Compound	1	2	3	4	5	6	Avg	%RSD
1)	Chlordane 1	9.378	8.849	7.640				8.622 E5	10.33
2)	Chlordane 2	4.068	3.451	2.839				3.452 E6	17.79
3)	Chlordane 3	5.084	4.172	3.484				4.246 E6	18.91
4) S	2,4-DDD Surrogate		1.663					1.663 E7	0.00

Signal #2 Calibration Files

1 =CHLC1.D 2 =CHLC2.D 3 =CHLC3.D
4 =0730CHC4.D 5 =0730CHC5.D 6 =0730CHC6.D

	Compound	1	2	3	4	5	6	Avg	%RSD
1)	Chlordane 1	8.591	7.696	7.135				7.807 E4	9.41
2)	Chlordane 2	2.003	1.860	1.612				1.825 E5	10.84
3)	Chlordane 3	2.150	1.943	1.737				1.943 E5	10.62
4) S	2,4-DDD Surrogate		8.252					8.252 E5	0.00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\CHLC2.D\ECD1A.CH Vial: 7
 Acq On : 16 Nov 2010 7:55 pm Operator: Nefliu
 Sample : chlordanes ic2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\111601\CHLC2.D\ECD2B.CH Vial: 7
 Acq On : 16 Nov 10 7:55 pm Operator: Nefliu
 Sample : chlordanes ic2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 17 11:41 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
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System Monitoring Compounds

4) S 2,4-DDD Surrogat	20.34	20.60	3310558	164384	0.199m	0.199m
Spiked Amount	0.200		Recovery	=	99.50%	99.50%

Target Compounds

1) Chlordane 1	18.84	15.50	1336383	135274	1.550m	1.733
2) Chlordane 2	19.23	18.84	5469155	287308	1.584m	1.575m
3) Chlordane 3	19.37	19.26	6830445	306538	1.608m	1.577m

Handwritten: $T_x = 1.6 (100\%)$

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

CHLC2.D P111501.M Tue Nov 20 14:07:13 2001

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Quantitation Report

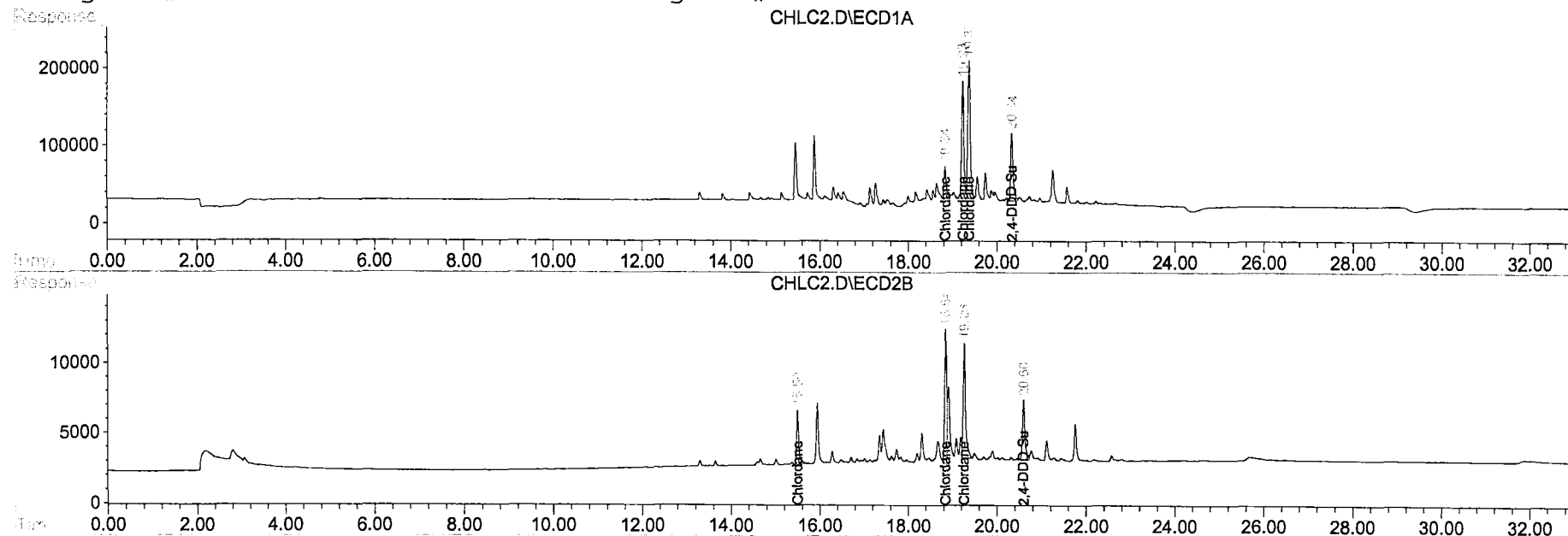
Data File : C:\HPCHEM\1\DATA\508\111601\CHLC2.D\ECD1A.CH Vial: 7
 Acq On : 16 Nov 2010 7:55 pm Operator: Nefliu
 Sample : chlordan ic2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\CHLC2.D\ECD2B.CH Vial: 7
 Acq On : 16 Nov 10 7:55 pm Operator: Nefliu
 Sample : chlordan ic2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 17 11:41 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\CHLC3.D\ECD1A.CH Vial: 8
 Acq On : 16 Nov 2010 8:33 pm Operator: Nefliu
 Sample : chlordanes ic3 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\111601\CHLC3.D\ECD2B.CH Vial: 8
 Acq On : 16 Nov 10 8:33 pm Operator: Nefliu
 Sample : chlordanes ic3 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 17 11:43 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
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System Monitoring Compounds

Target Compounds

1)	Chlordane 1	18.84	15.50	2840969	286113	3.295m	3.665m
2)	Chlordane 2	19.24	18.84	11348563	653338	3.287m	3.581m
3)	Chlordane 3	19.38	19.27	13783450	681255	3.246m	3.506m

$\bar{x} = 3.3$
 (103.1)

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

CHLC3.D P111501.M Tue Nov 20 14:07:28 2001

Page 1

Quantitation Report

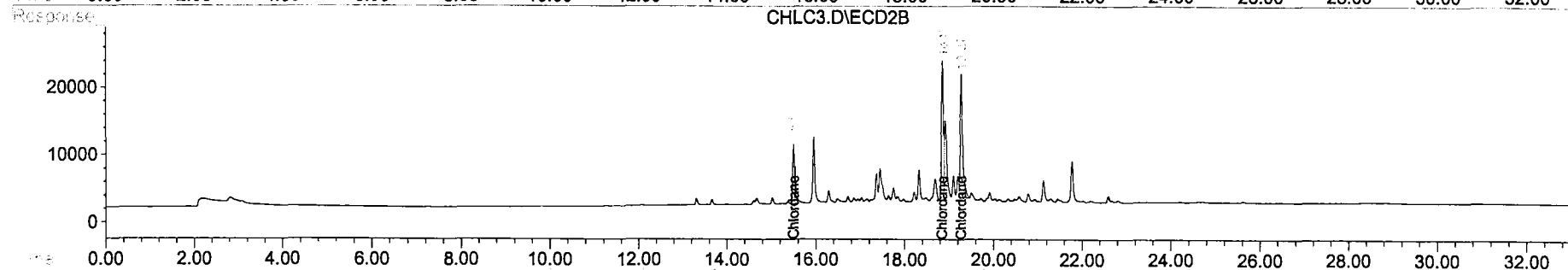
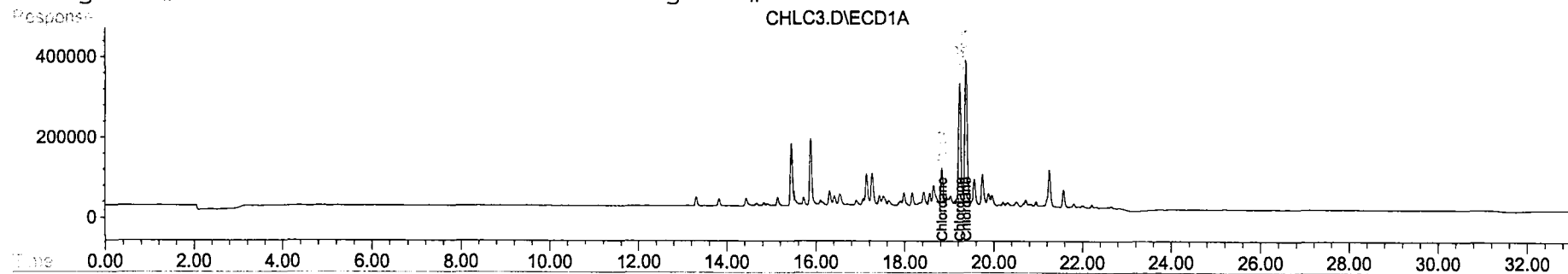
Data File : C:\HPCHEM\1\DATA\508\111601\CHLC3.D\ECD1A.CH Vial: 8
Acq On : 16 Nov 2010 8:33 pm Operator: Nefliu
Sample : chlordane ic3 Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\CHLC3.D\ECD2B.CH Vial: 8
Acq On : 16 Nov 10 8:33 pm Operator: Nefliu
Sample : chlordane ic3 Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Nov 17 11:43 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
Title : 508 CHLORDANE
Last Update : Sat Nov 17 11:19:53 2001
Response via : Multiple Level Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :
CHLC3.D\ECD1A



Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\CHLUR.D\ECD1A.CH Vial: 9
 Acq On : 16 Nov 2010 9:11 pm Operator: Nefliu
 Sample : chlordanes unextracted ref Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\111601\CHLUR.D\ECD2B.CH Vial: 9
 Acq On : 16 Nov 2010 9:11 pm Operator: Nefliu
 Sample : chlordanes unextracted ref Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 17 11:44 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
----------	------	------	--------	--------	------	------

System Monitoring Compounds

Target Compounds

1)	Chlordane 1	18.84	15.49	1557912	128380	1.807m	1.644m
2)	Chlordane 2	19.23	18.84	6930480	343315	2.007m	1.881m
3)	Chlordane 3	19.37	19.26	9917491	346758	2.335m	1.784m

7-21
 (105/1)

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

CHLUR.D P111501.M

Tue Nov 20 14:07:41 2001

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Quantitation Report

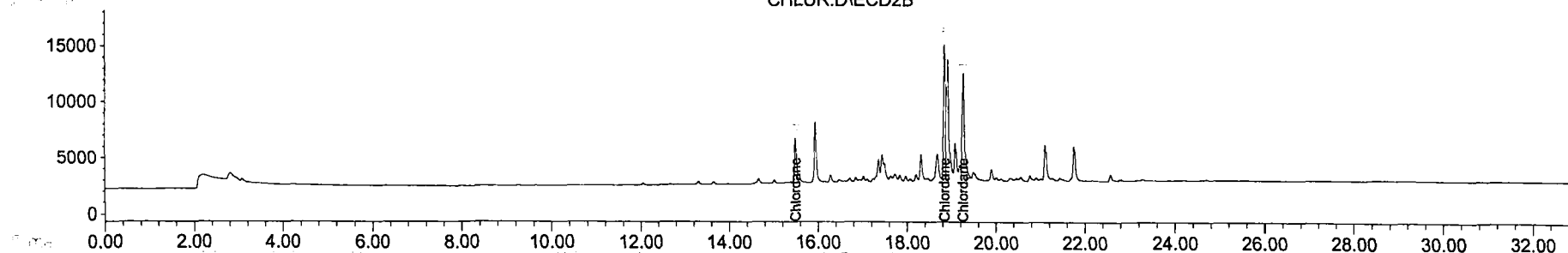
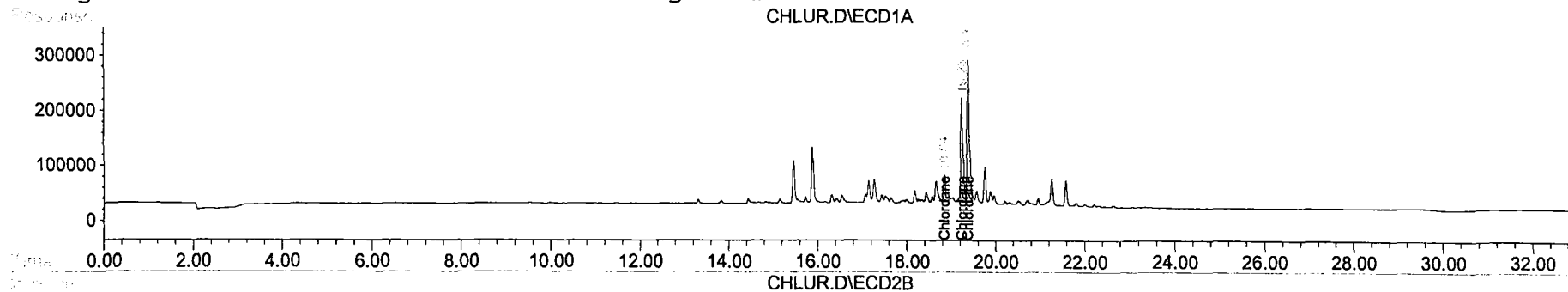
Data File : C:\HPCHEM\1\DATA\508\111601\CHLUR.D\ECD1A.CH Vial: 9
 Acq On : 16 Nov 2010 9:11 pm Operator: Nefliu
 Sample : chlordane unextracted ref Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\CHLUR.D\ECD2B.CH Vial: 9
 Acq On : 16 Nov 10 9:11 pm Operator: Nefliu
 Sample : chlordane unextracted ref Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 17 11:44 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :
 CHLUR.D\ECD1A



Response Factor Report 105

Method : C:\HPCHEM\1\METHODS\508\111701T.M (Chemstation Integrator)
 Title : 508 Toxaphene
 Last Update : Sat Nov 17 11:00:53 2001

Calibration Files

1 =TOXC1.D 2 =TOXC2.D 3 =TOXC3.D
 4 =TOXC4.D 5 =TOXC5.D

Compound		1	2	3	4	5	Avg	%RSD
1)	TOX-1	1.149	1.087	0.951			1.062 E5	9.54
2)	TOX-2	2.144	1.819	1.681			1.881 E5	12.63
3)	TOX-3	2.501	2.542	2.121			2.388 E5	9.72
4)	TOX-4	4.749	4.323	3.912			4.328 E5	9.67
5)	TOX-5	4.187	3.643	3.435			3.755 E5	10.35
6) S	2,4-DDD Surrogate		1.576				1.576 E7	0.00

Signal #2 Calibration Files

1 =TOXC1.D 2 =TOXC2.D 3 =TOXC3.D
 4 =TOXC4.D 5 =TOXC5.D

Compound		1	2	3	4	5	Avg	%RSD
1)	TOX-1	8.220	7.084	5.504			6.936 E3	19.66
2)	TOX-2	9.084	8.275	7.414			8.258 E3	10.12
3)	TOX-3	2.151	1.994	1.701			1.949 E4	11.73
4)	TOX-4	2.759	2.802	2.772			2.777 E4	0.79
5)	TOX-5	2.256	2.411	2.432			2.366 E4	4.07
6) S	2,4-DDD Surrogate		6.718				6.718 E5	0.00

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\TOXC2.D\ECD1A.CH Vial: 11
 Acq On : 16 Nov 2010 10:26 pm Operator: Nefliu
 Sample : toxaphene ic2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\111601\TOXC2.D\ECD2B.CH Vial: 11
 Acq On : 16 Nov 101 10:26 pm Operator: Nefliu
 Sample : toxaphene ic2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 17 11:04 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
 Title : 508 Toxaphene
 Last Update : Sat Nov 17 11:00:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2

System Monitoring Compounds						
6) S 2,4-DDD Surrogat	20.33	20.59	3144078	134725	0.200m	0.201m
Spiked Amount	0.200		Recovery	=	100.00%	100.50%
Target Compounds						
1) TOX-1	17.89	17.67	360708	21213	3.396m	3.059m
2) TOX-2	21.09	18.89	581829	28450	3.092m	3.445m
3) TOX-3	21.66	22.17	776053	62742	3.249m	3.220m
4) TOX-4	22.44	23.69	1299124	89124	3.002m	3.209m
5) TOX-5	23.36	23.85	1181476	79280	3.146m	3.350m

Handwritten:
 $\bar{x} = 3.2$
 (100% / 1)

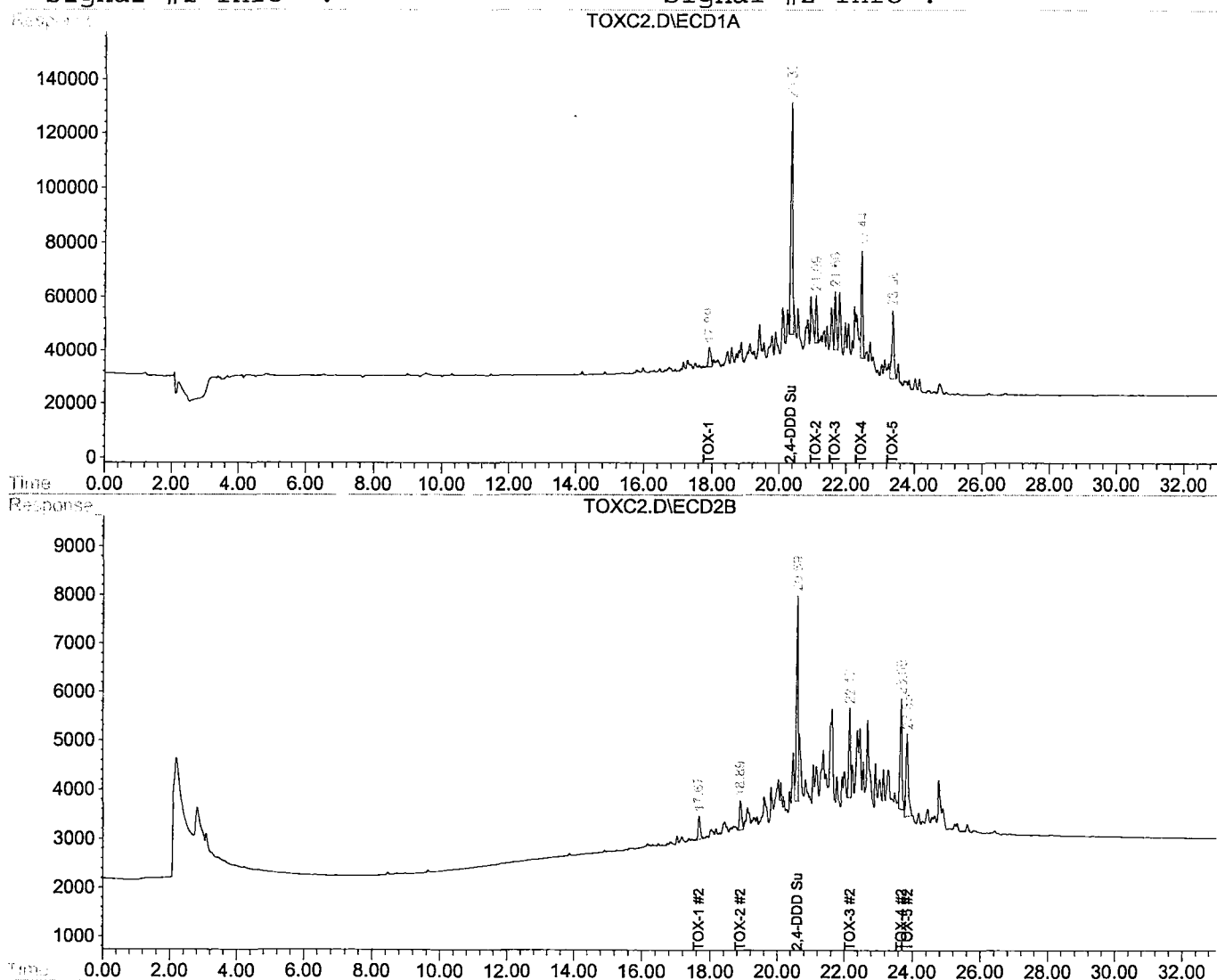
Quantitation Report

Data File : C:\HPCHEM\1\DATA\508\111601\TOXC2.D\ECD1A.CH Vial: 11
 Acq On : 16 Nov 2010 10:26 pm Operator: Nefliu
 Sample : toxaphene ic2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\111601\TOXC2.D\ECD2B.CH Vial: 11
 Acq On : 16 Nov 101 10:26 pm Operator: Nefliu
 Sample : toxaphene ic2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 17 11:04 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
 Title : 508 Toxaphene
 Last Update : Sat Nov 17 11:00:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\TOXC3.D\ECD1A.CH Vial: 12
Acq On : 16 Nov 2010 11:04 pm Operator: Nefliu
Sample : toxaphene ic3 Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\111601\TOXC3.D\ECD2B.CH Vial: 12
Acq On : 16 Nov 10 11:04 pm Operator: Nefliu
Sample : toxaphene ic3 Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 17 11:05 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
Title : 508 Toxaphene
Last Update : Sat Nov 17 11:00:53 2001
Response via : Initial Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
----------	------	------	--------	--------	--------	--------

System Monitoring Compounds

Target Compounds

1)	TOX-1	17.89	17.67	652374	33514	6.141m	4.832m
2)	TOX-2	21.09	18.89	1039513	46404	5.525m	5.620m
3)	TOX-3	21.65	22.16	1356219	109907	5.678m	5.640m
4)	TOX-4	22.44	23.69	2400360	167862	5.546m	6.044m
5)	TOX-5	23.36	23.85	2161550	158674	5.756m	6.706m

7-5.7
(89.1)

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

TOXC3.D P111501.M Tue Nov 20 15:12:28 2001

Page 1

Quantitation Report

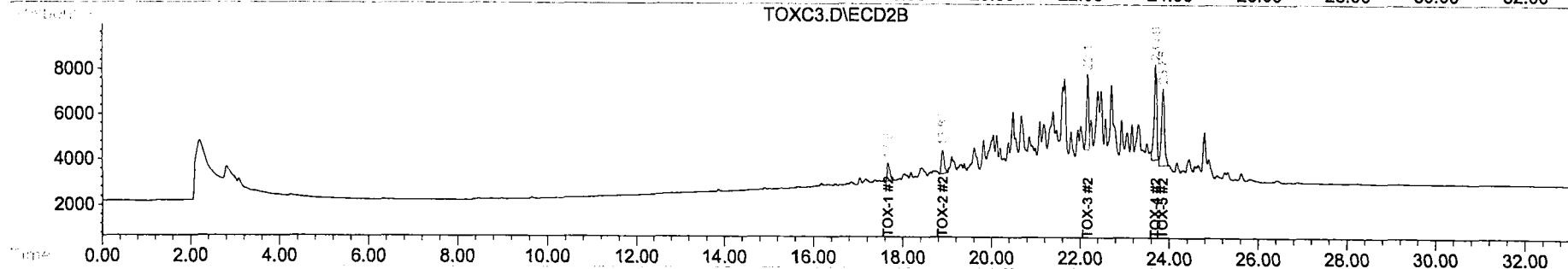
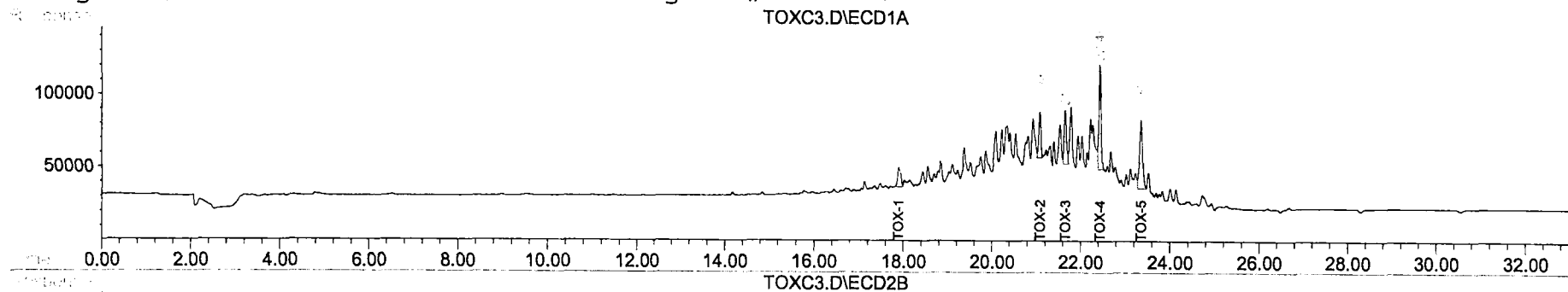
Data File : C:\HPCHEM\1\DATA\508\111601\TOXC3.D\ECD1A.CH Vial: 12
 Acq On : 16 Nov 2010 11:04 pm Operator: Nefliu
 Sample : toxaphene ic3 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\TOXC3.D\ECD2B.CH Vial: 12
 Acq On : 16 Nov 10 11:04 pm Operator: Nefliu
 Sample : toxaphene ic3 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 17 11:05 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
 Title : 508 Toxaphene
 Last Update : Sat Nov 17 11:00:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :
 TOXC3.D\ECD1A



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\TOXUR.D\ECD1A.CH Vial: 13
 Acq On : 16 Nov 2010 11:42 pm Operator: Nefliu
 Sample : toxaphene unextracted ref Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\111601\TOXUR.D\ECD2B.CH Vial: 13
 Acq On : 16 Nov 10 11:42 pm Operator: Nefliu
 Sample : toxaphene unextracted ref Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 17 11:06 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
 Title : 508 Toxaphene
 Last Update : Sat Nov 17 11:00:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
----------	------	------	--------	--------	--------	--------

System Monitoring Compounds

Target Compounds

1)	TOX-1	17.89	17.66	556748	28912	5.241m	4.169m
2)	TOX-2	21.09	18.91	539060	28460	2.865m	3.446m
3)	TOX-3	21.65	22.16	906208	73365	3.794m	3.765m
4)	TOX-4	22.44	23.69	1269759	86616	2.934m	3.119m
5)	TOX-5	23.36	23.84	1376943	54458	3.667m	2.301m#

Handwritten:
 RT = 3.7
 (93.1)

Quantitation Report

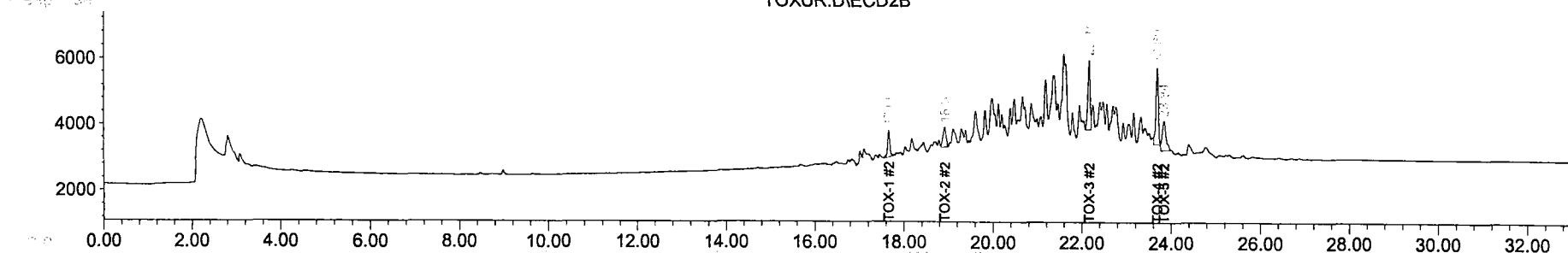
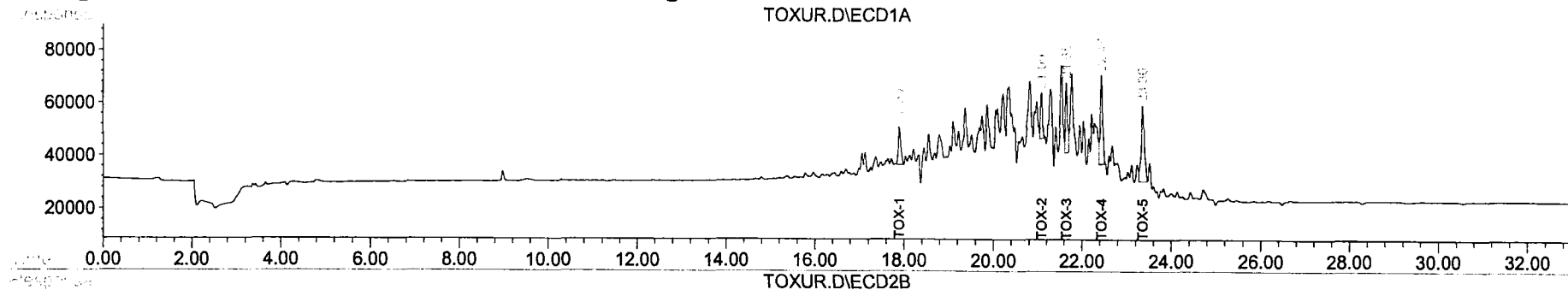
Data File : C:\HPCHEM\1\DATA\508\111601\TOXUR.D\ECD1A.CH Vial: 13
 Acq On : 16 Nov 2010 11:42 pm Operator: Nefliu
 Sample : toxaphene unextracted ref Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\TOXUR.D\ECD2B.CH Vial: 13
 Acq On : 16 Nov 10 11:42 pm Operator: Nefliu
 Sample : toxaphene unextracted ref Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 17 11:06 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
 Title : 508 Toxaphene
 Last Update : Sat Nov 17 11:00:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :
 TOXUR.D\ECD1A



User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:55:00

Sample: AD25040
Analysis: \$RE508 Organochlorine Pesticides Reference
Units: ug
Started: 10/19/01 15:39 Ended: 11/16/01 15:39 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		< MDL		0.040
2	Lindane		< MDL		0.030
3	Heptachlor		< MDL		0.020
4	Aldrin		< MDL		0.010
5	Heptachlor Epoxide		< MDL		0.030
6	4,4-DDE		< MDL		0.080
7	Dieldrin		< MDL		0.016
8	Endrin		< MDL		0.020
9	Methoxychlor		< MDL		0.039
10	Chlordane		1.8		0.40
11	Toxaphene		< MDL		0.40
12	PCB's		0.32		0.20
13	Surr - 2,4-DDD		0.18		

User: Nefiu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:55:03

Sample: AD25040
Analysis: \$Q_508 Pesticides Reference Calculation
Units: ug
Started: 11/21/01 15:54 Ended: 11/21/01 15:54 Analyst: MN
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		#VALUE!		0.040
2	Lindane		#VALUE!		0.030
3	Heptachlor		#VALUE!		0.020
4	Aldrin		#VALUE!		0.010
5	Heptachlor Epoxide		#VALUE!		0.030
6	4,4-DDE		#VALUE!		0.080
7	Dieldrin		#VALUE!		0.016
8	Endrin		#VALUE!		0.020
9	Methoxychlor		#VALUE!		0.039
10	Chlordane		90.00		0.40
11	Toxaphene		#VALUE!		0.40
12	PCB's		160.00		0.20
13	Surr_2,4-DDD		90.00		

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\011024\1019REFC.D\ECD1A.CH Vial: 20
 Signal #2 : C:\HPCHEM\1\DATA\508F\011024\1019REFC.D\ECD2B.CH
 Acq On : 25 Oct 2001 12:29 am Operator: Nefliu
 Sample : 10/19 ref CHLORDANE Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 25 11:23 2001 Quant Results File: 011025C.RES

Quant Method : C:\HPCHEM\1\METHODS\011025C.M (Chemstation Integrator)
 Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
 Last Update : Sun Oct 21 15:44:45 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
4) s 2,4-DDD SURROGAT	36.99	34.33	799950	874952	0.181m	0.211m
Spiked Amount	0.200		Recovery	=	90.50%	105.50%
Target Compounds						
1) CHLORDANE PEAK 1	31.99	31.72	349029	1607881	1.656m	1.907m
2) CHLORDANE PEAK 2	33.15	32.04	1771505	2581348	1.915m	2.216m
3) CHLORDANE PEAK 3	34.10	35.91	1408803	451899	1.712m	1.755m

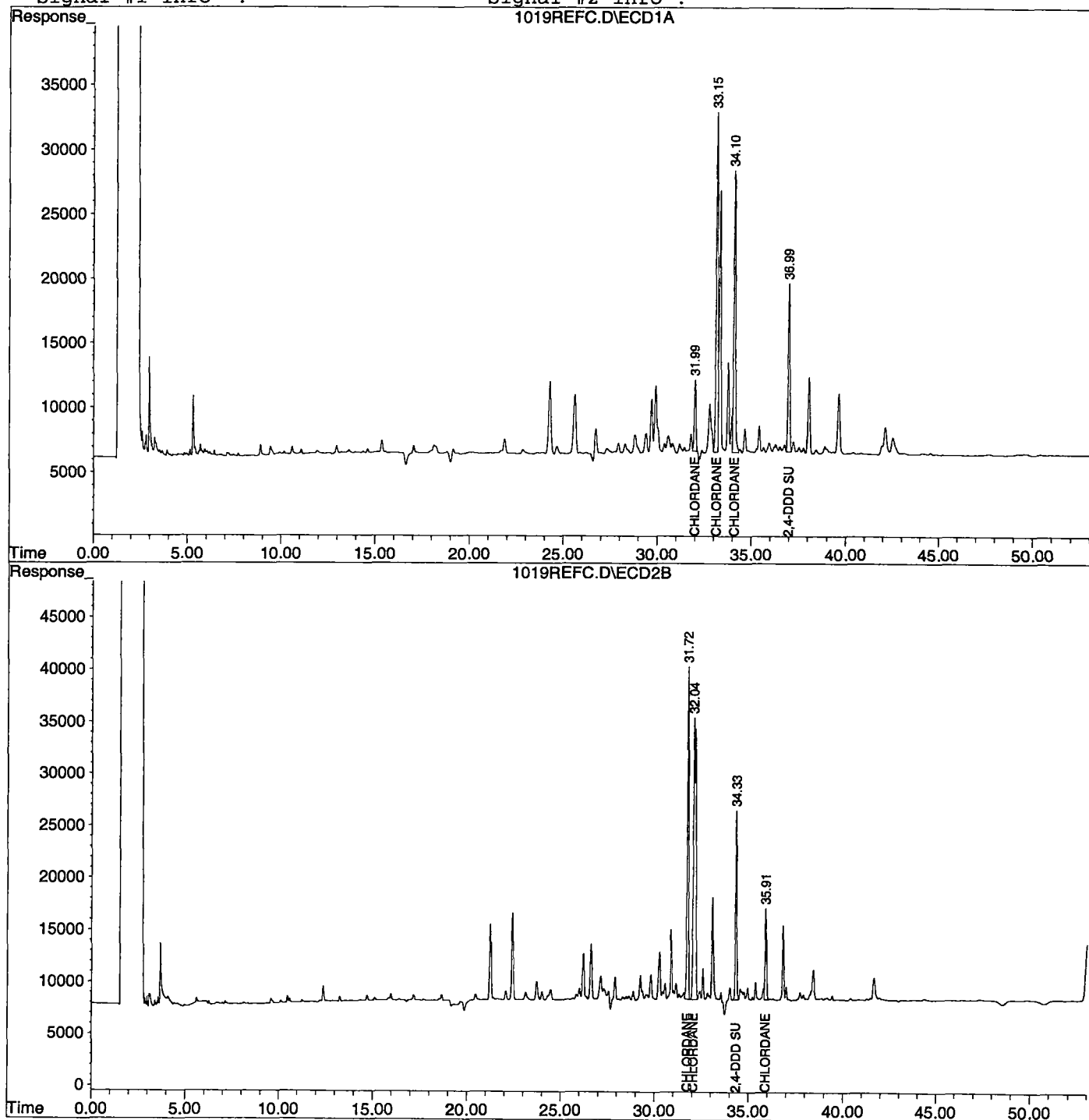
Handwritten: $\gamma = 0.8$

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\011024\1019REFC.D\ECD1A.CH Vial: 20
Signal #2 : C:\HPCHEM\1\DATA\508F\011024\1019REFC.D\ECD2B.CH
Acq On : 25 Oct 2001 12:29 am Operator: Nefliu
Sample : 10/19 ref CHLORDANE Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 25 11:23 2001 Quant Results File: 011025C.RES

Quant Method : C:\HPCHEM\1\METHODS\011025C.M (Chemstation Integrator)
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
Last Update : Sun Oct 21 15:44:45 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\111601\PRL1248.D\ECD1A.CH Vial: 57
 Acq On : 18 Nov 2010 5:10 pm Operator: Nefliu
 Sample : prl 1248 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\111601\PRL1248.D\ECD2B.CH Vial: 57
 Acq On : 18 Nov 101 5:10 pm Operator: Nefliu
 Sample : prl 1248 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 20 15:42 19101 Quant Results File: PCB1248.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1248.M (Chemstation Integrator)
 Title : Arochlor 1248
 Last Update : Mon Nov 19 16:43:31 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2

System Monitoring Compounds						
6) s 2,4-DDD Surrogat	20.22	20.48	3407364	171905	0.216	0.256m
Spiked Amount	0.200		Recovery	=	108.00%	128.00%
Target Compounds						
1) 1248-1	14.29	14.87	246372	14286	0.322m	0.365
2) 1248-2	15.58	15.92	603529	18634	0.284m	0.227m
3) 1248-3	17.14	17.67	916943	20114	0.376m	0.347m
4) 1248-4	17.35	18.72	499072	8990	0.297m	0.150 #
5) 1248-5	19.69	19.25	218905	14829	0.299m	0.270m

$\bar{x} = 0.32$

 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

PRL1248.D PCB1248.M Tue Nov 20 15:42:47 2001

Page 1

Quantitation Report

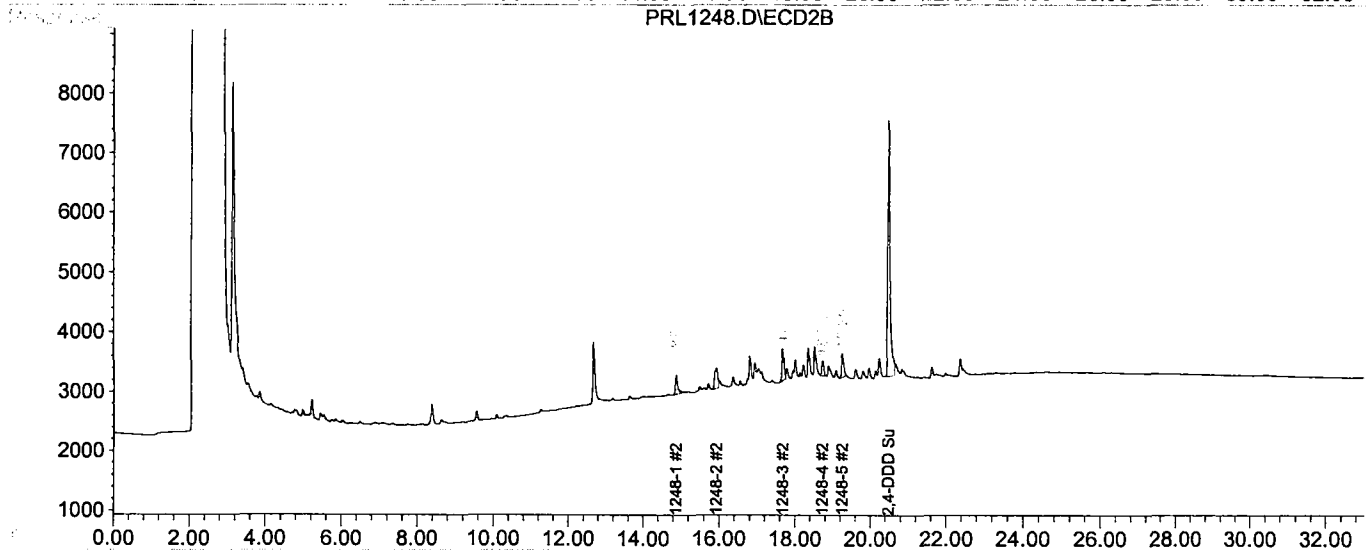
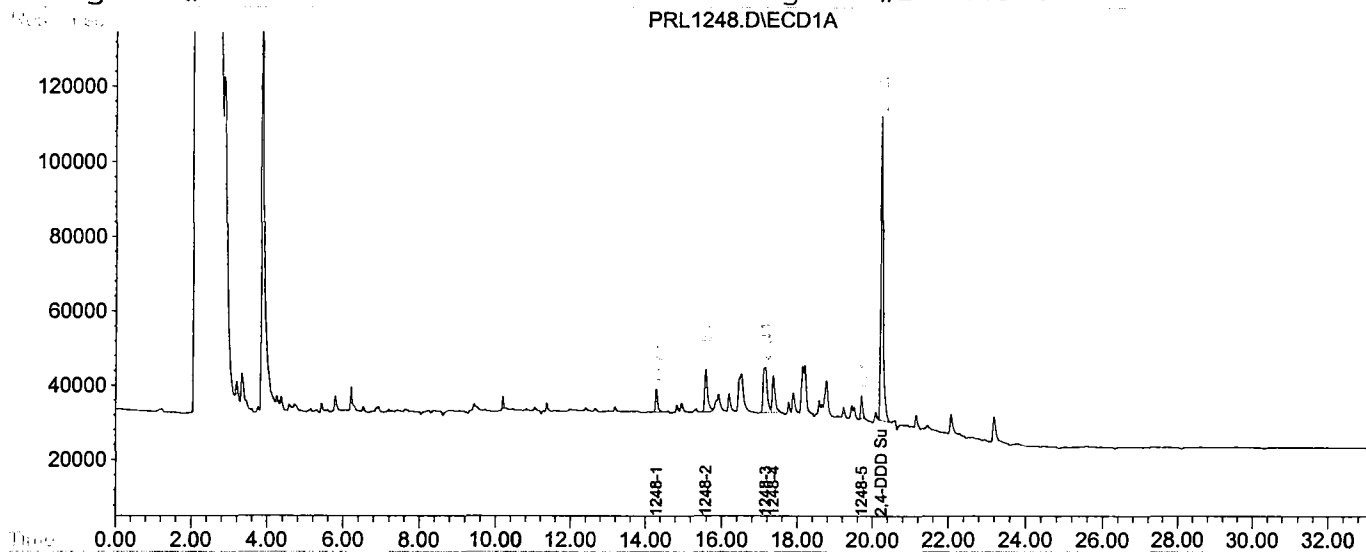
Data File : C:\HPCHEM\1\DATA\508\111601\PRL1248.D\ECD1A.CH Vial: 57
Acq On : 18 Nov 2010 5:10 pm Operator: Nefliu
Sample : prl 1248 Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\111601\PRL1248.D\ECD2B.CH Vial: 57
Acq On : 18 Nov 101 5:10 pm Operator: Nefliu
Sample : prl 1248 Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 20 15:42 19101 Quant Results File: PCB1248.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1248.M (Chemstation Integrator)
Title : Arochlor 1248
Last Update : Mon Nov 19 16:43:31 2001
Response via : Multiple Level Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



User: Nefiu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:57:10

Sample: AD25040
Analysis: \$\$_508 Organochlorine Pesticides Spike
Units: ug
Started: 10/19/01 15:54 Ended: 11/16/01 15:54 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		< MDL		0.040
2	Lindane		< MDL		0.030
3	Heptachlor		< MDL		0.020
4	Aldrin		< MDL		0.010
5	Heptachlor Epoxide		< MDL		0.030
6	4,4-DDE		< MDL		0.080
7	Dieldrin		< MDL		0.016
8	Endrin		< MDL		0.020
9	Methoxychlor		< MDL		0.039
10	Chlordane		1.5		0.40
11	Toxaphene		< MDL		0.40
12	PCB's		< MDL		0.20
13	Surr - 2,4-DDD		0.18		

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:57:15

Sample: AD25040
Analysis: \$R_508 Pesticides Spike Calculation
Units: ug
Started: 11/21/01 15:57 Ended: 11/21/01 15:57 Analyst: MN
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		#VALUE!		0.040
2	Lindane		#VALUE!		0.030
3	Heptachlor		#VALUE!		0.020
4	Aldrin		#VALUE!		0.010
5	Heptachlor Epoxide		#VALUE!		0.030
6	4,4-DDE		#VALUE!		0.080
7	Dieldrin		#VALUE!		0.016
8	Endrin		#VALUE!		0.020
9	Methoxychlor		#VALUE!		0.039
10	Chlordane		75.00		0.40
11	Toxaphene		#VALUE!		0.40
12	PCB's		#VALUE!		
13	Surr - 2,4-DDD		90.00		

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25040SP.D\ECD1A.CH Vial: 53
 Acq On : 18 Nov 2010 11:30 am Operator: Nefliu
 Sample : spike pest *chlordane* Inst : 105
 Misc : (NN) Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25040SP.D\ECD2B.CH Vial: 53
 Acq On : 18 Nov 10 11:30 am Operator: Nefliu
 Sample : spike pest Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:22 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
----------	------	------	--------	--------	------	------

System Monitoring Compounds

4) S 2,4-DDD Surrogat	20.26	20.52	2986655	171497	0.180m	0.208m
Spiked Amount	0.200		Recovery	=	90.00%	104.00%

Target Compounds

1) Chlordane 1	18.76	15.43	1122627	98594	1.302m	1.263m
2) Chlordane 2	19.16	18.77	5236163	318784	1.517m	1.747m
3) Chlordane 3	19.30	19.19	7469614	319871	1.759m	1.646m

42105

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25040SP.D 111701C.M Mon Nov 19 14:22:48 2001

Page 1

Quantitation Report

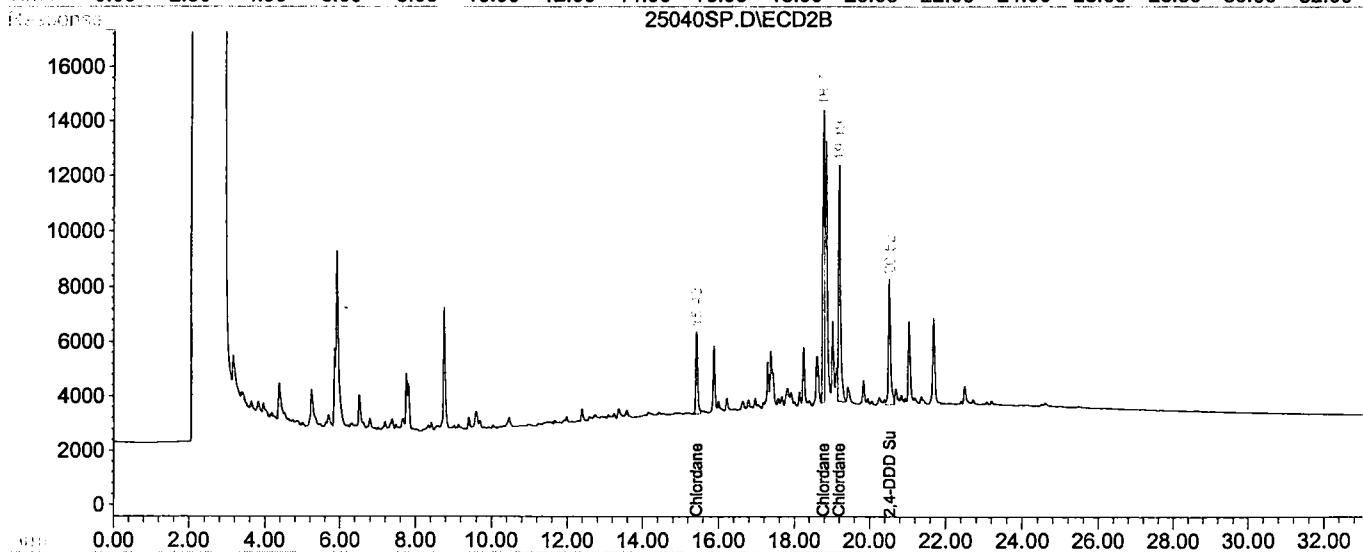
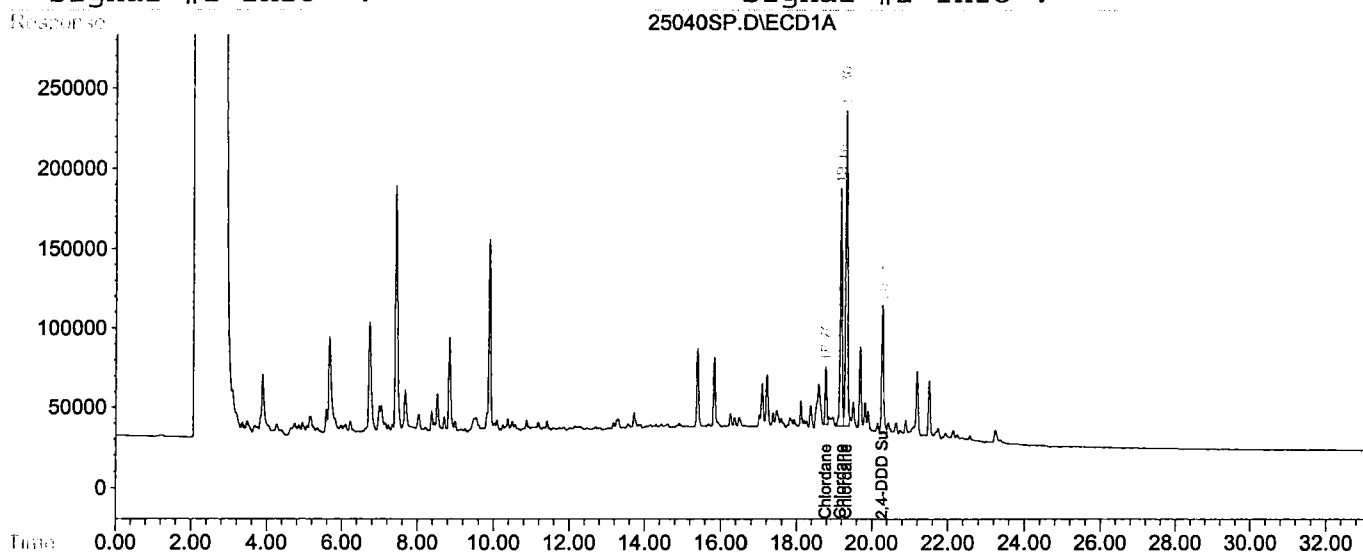
Data File : C:\HPCHEM\1\DATA\111601\25040SP.D\ECD1A.CH Vial: 53
 Acq On : 18 Nov 2010 11:30 am Operator: Nefliu
 Sample : spike pest Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25040SP.D\ECD2B.CH Vial: 53
 Acq On : 18 Nov 10 11:30 am Operator: Nefliu
 Sample : spike pest Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:22 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:57:37

Sample: AD25040
Analysis: \$SD508 Organochlorine Pesticides Spike Dup
Units: ug
Started: 10/19/01 15:57 Ended: 11/16/01 15:57 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		< MDL		0.040
2	Lindane		< MDL		0.030
3	Heptachlor		< MDL		0.020
4	Aldrin		< MDL		0.010
5	Heptachlor Epoxide		< MDL		0.030
6	4,4-DDE		< MDL		0.080
7	Dieldrin		< MDL		0.016
8	Endrin		< MDL		0.020
9	Methoxychlor		< MDL		0.039
10	Chlordane		1.6		0.40
11	Toxaphene		< MDL		0.40
12	PCB's		< MDL		0.20
13	Surr - 2,4-DDD		0.18		

User: Nefiu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:57:42

Sample: AD25040
Analysis: \$PS508 Pesticides Spike Dup Calculation
Units: ug
Started: 11/21/01 15:57 Ended: 11/21/01 15:57 Analyst: MN
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		#VALUE!		0.040
2	Lindane		#VALUE!		0.030
3	Heptachlor		#VALUE!		0.020
4	Aldrin		#VALUE!		0.010
5	Heptachlor Epoxide		#VALUE!		0.030
6	4,4-DDE		#VALUE!		0.080
7	Dieldrin		#VALUE!		0.016
8	Endrin		#VALUE!		0.020
9	Methoxychlor		#VALUE!		0.039
10	Chlordane		0.10		0.40
11	Toxaphene		#VALUE!		0.40
12	PCB's		#VALUE!		
13	Surr - 2,4-DDD		0.00		

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25040SDP.D\ECD1A.CH Vial: 54
 Acq On : 18 Nov 2010 12:07 pm Operator: Nefliu
 Sample : spike dupe chlordanes Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25040SDP.D\ECD2B.CH Vial: 54
 Acq On : 18 Nov 10 12:07 pm Operator: Nefliu
 Sample : spike dupe pest Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:21 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
4) S 2,4-DDD Surrogat	20.26	20.52	2915259	165106	0.175m	0.200m
Spiked Amount	0.200		Recovery	=	87.50%	100.00%
Target Compounds						
1) Chlordane 1	18.76	15.43	1114120	102464	1.292m	1.312m
2) Chlordane 2	19.16	18.77	5369032	336716	1.555m	1.845m
3) Chlordane 3	19.30	19.19	7651037	325263	1.802m	1.674m

$\bar{x} = 1.6$

 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25040SDP.D 111701C.M Mon Nov 19 14:21:50 2001

Page 1

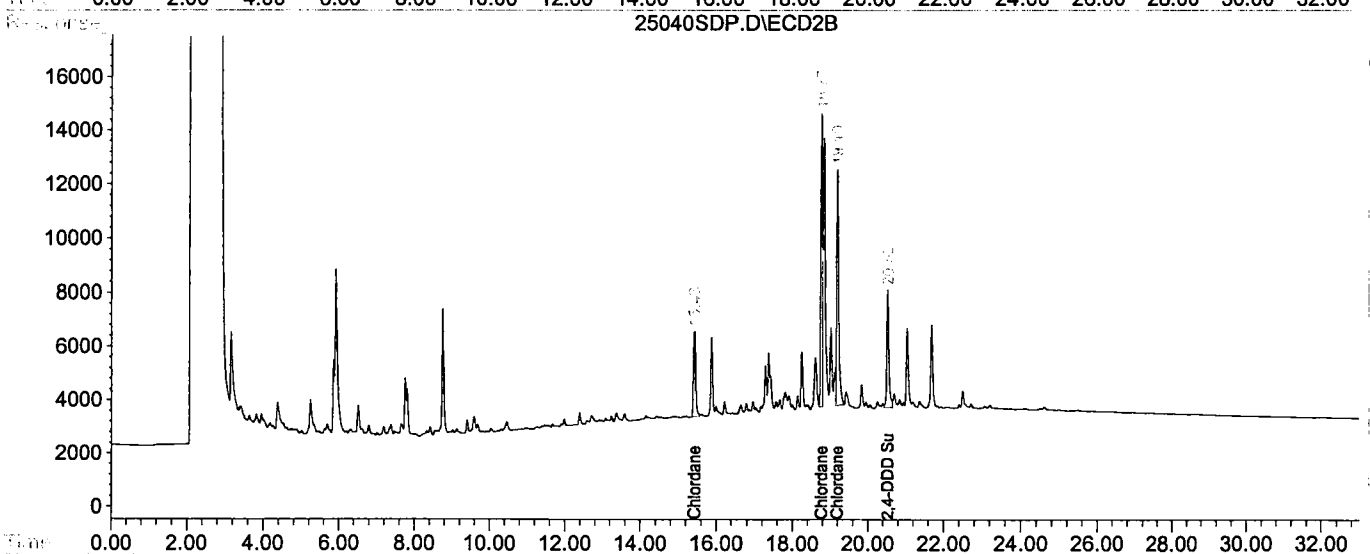
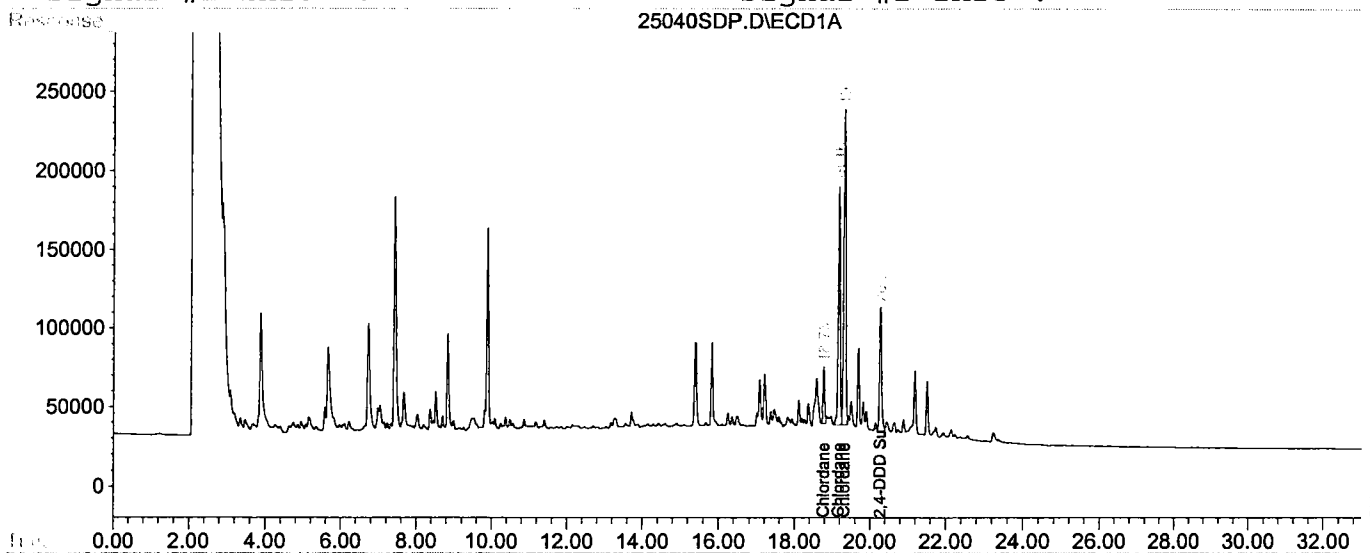
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\25040SDP.D\ECD1A.CH Vial: 54
 Acq On : 18 Nov 2010 12:07 pm Operator: Nefliu
 Sample : spike dupe chlordanes Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25040SDP.D\ECD2B.CH Vial: 54
 Acq On : 18 Nov 10 12:07 pm Operator: Nefliu
 Sample : spike dupe pest Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:21 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:50:19

Sample: AD25041
Analysis: \$RE508 Organochlorine Pesticides Reference
Units: ug
Started: 10/19/01 15:49 Ended: 11/16/01 15:49 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		< MDL		0.040
2	Lindane		< MDL		0.030
3	Heptachlor		< MDL		0.020
4	Aldrin		< MDL		0.010
5	Heptachlor Epoxide		< MDL		0.030
6	4,4-DDE		< MDL		0.080
7	Dieldrin		< MDL		0.016
8	Endrin		< MDL		0.020
9	Methoxychlor		< MDL		0.039
10	Chlordane		< MDL		0.40
11	Toxaphene		3.0		0.40
12	PCB's		< MDL		0.20
13	Surr - 2,4-DDD		0.19		

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:50:32

Sample: AD25041
Analysis: \$Q_508 Pesticides Reference Calculation
Units: ug
Started: 10/19/01 15:50 Ended: 11/16/01 15:50 Analyst: MN
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		#VALUE!		0.040
2	Lindane		#VALUE!		0.030
3	Heptachlor		#VALUE!		0.020
4	Aldrin		#VALUE!		0.010
5	Heptachlor Epoxide		#VALUE!		0.030
6	4,4-DDE		#VALUE!		0.080
7	Dieldrin		#VALUE!		0.016
8	Endrin		#VALUE!		0.020
9	Methoxychlor		#VALUE!		0.039
10	Chlordane		#VALUE!		0.40
11	Toxaphene		75.00		0.40
12	PCB's		#VALUE!		0.20
13	Surr_2,4-DDD		95.00		

Quantitation Report (QT Reviewed)

• 'Signal #1 : C:\HPCHEM\1\DATA\508F\011024\1019REFT.D\ECD1A.CH Vial: 50
 Signal #2 : C:\HPCHEM\1\DATA\508F\011024\1019REFT.D\ECD2B.CH
 Acq On : 25 Oct 2001 4:52 pm Operator: Nefliu
 Sample : 10/19 REF TOXAPHENE Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Nov 1 15:45 2001 Quant Results File: 011025BT.RES

Quant Method : C:\HPCHEM\1\METHODS\011025BT.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99
 Last Update : Mon Oct 15 11:37:22 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

System Monitoring Compounds						
6) S 2,4-DDD SURROGAT	36.96	34.30	925848	789199	0.187m	0.167
Spiked Amount	0.100		Recovery	=	187.00%	167.00%
Target Compounds						
1) TOXAPHENE PEAK 1	35.24	35.53	184284	111552	3.556m	3.667m
2) TOXAPHENE PEAK 2	39.17	37.05	664531	337132	3.991m	3.355m
3) TOXAPHENE PEAK 3	40.79	39.11	476218	169245	3.670m	2.677m#
4) TOXAPHENE PEAK 4	45.75	40.24	350621	147865	2.499m	1.665m#
5) TOXAPHENE PEAK 5	46.28	41.32	261832	101504	1.399m	1.799m#

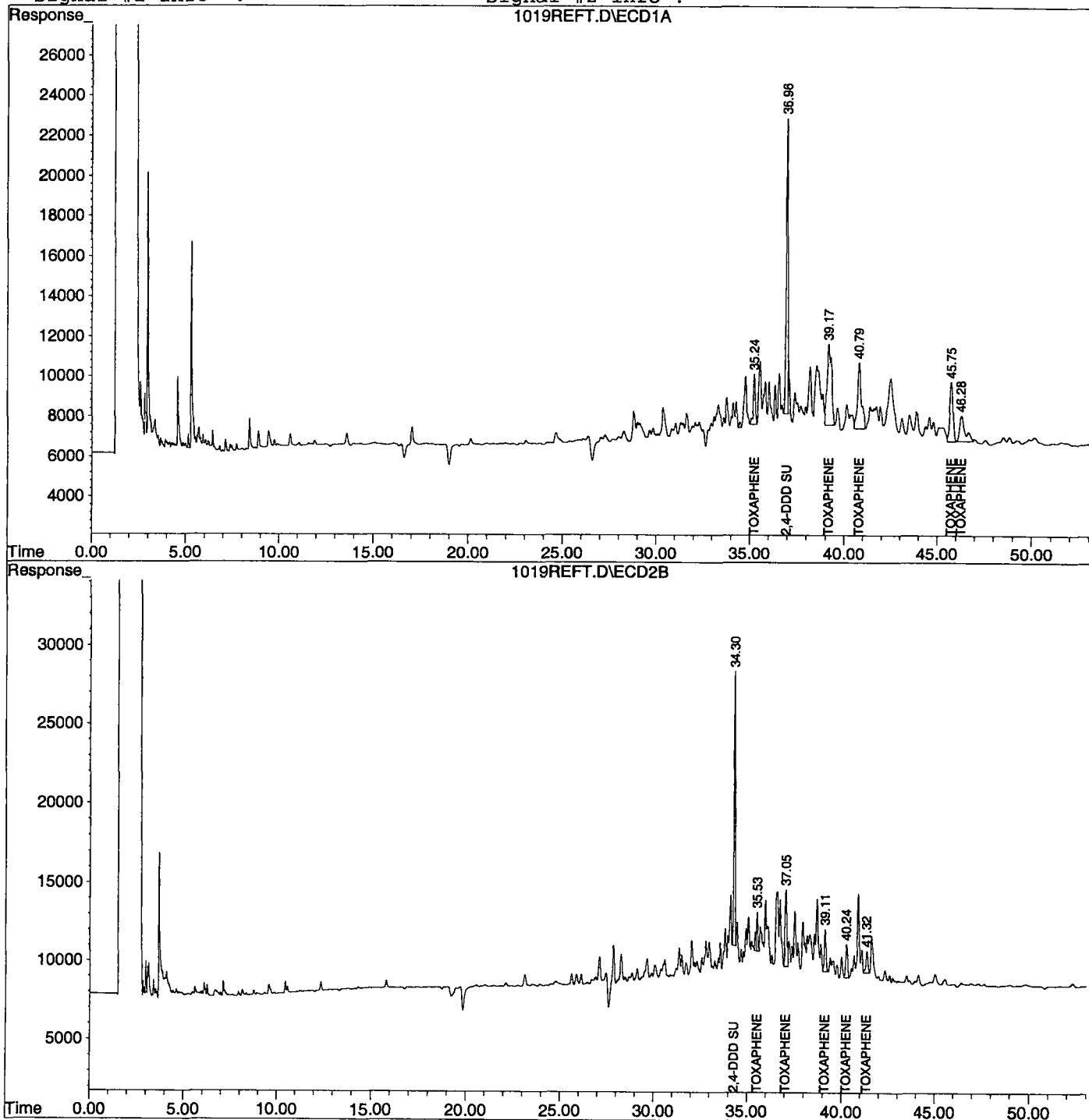
$\bar{x} = 3.0$

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\011024\1019REFT.D\ECD1A.CH Vial: 50
Signal #2 : C:\HPCHEM\1\DATA\508F\011024\1019REFT.D\ECD2B.CH
Acq On : 25 Oct 2001 4:52 pm Operator: Nefliu
Sample : 10/19 REF TOXAPHENE Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Nov 1 15:45 2001 Quant Results File: 011025BT.RES

Quant Method : C:\HPCHEM\1\METHODS\011025BT.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99
Last Update : Mon Oct 15 11:37:22 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:51:09

Sample: AD24980
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/19/01 15:50 Ended: 11/16/01 15:50 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		< MDL		0.040
2	Lindane		< MDL		0.030
3	Heptachlor		< MDL		0.020
4	Aldrin		< MDL		0.010
5	Heptachlor Epoxide		< MDL		0.030
6	4,4-DDE		< MDL		0.080
7	Dieldrin		< MDL		0.016
8	Endrin		< MDL		0.020
9	Methoxychlor		< MDL		0.039
10	Chlordane		< MDL		0.40
11	Toxaphene		< MDL		0.40
12	PCB's		< MDL		0.20
13	Surr_2,4-DDD		0.15		

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\24980.D\ECD1A.CH Vial: 44
 Acq On : 18 Nov 2010 5:50 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24980.D\ECD2B.CH Vial: 44
 Acq On : 18 Nov 101 5:50 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:09 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
4) S 2,4-DDD Surrogat	20.30	20.56	2453518	156663	0.148	0.190m#
Spiked Amount	0.200		Recovery	=	74.00%	95.00%
Target Compounds						
1) Chlordane 1	18.75	0.00	1372	0	0.002	N.D. d#
2) Chlordane 2	19.06	0.00	10172	0	0.003	N.D. #
3) Chlordane 3	19.46	0.00	17144	0	0.004	N.D. #

 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

24980.D 111701C.M Mon Nov 19 14:09:58 2001

Page 1

Quantitation Report

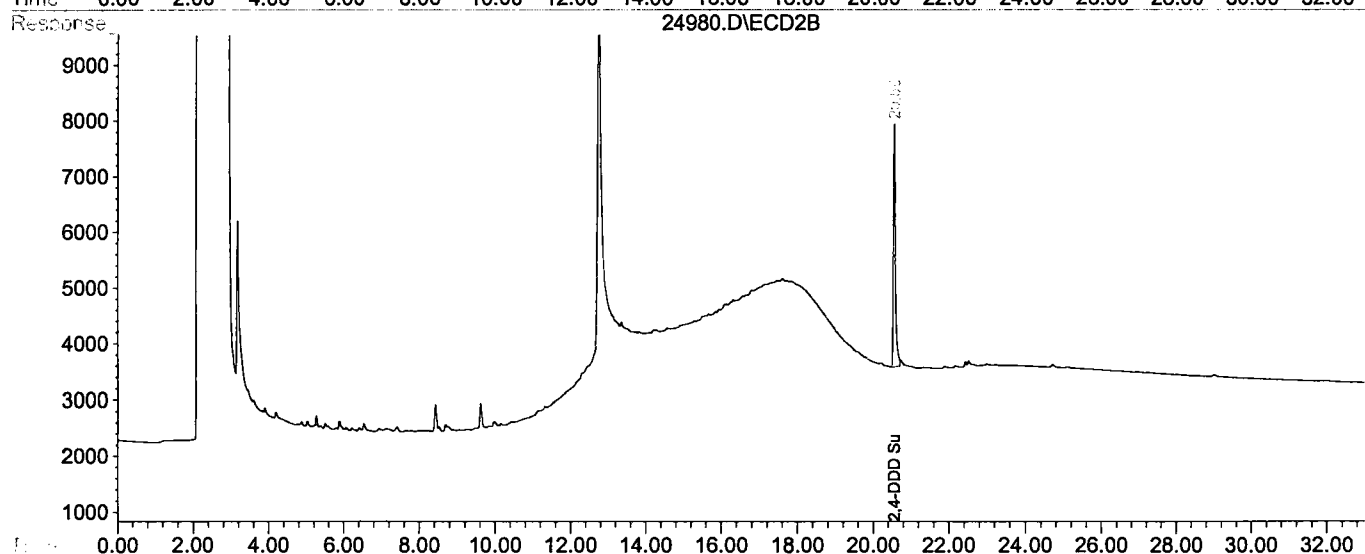
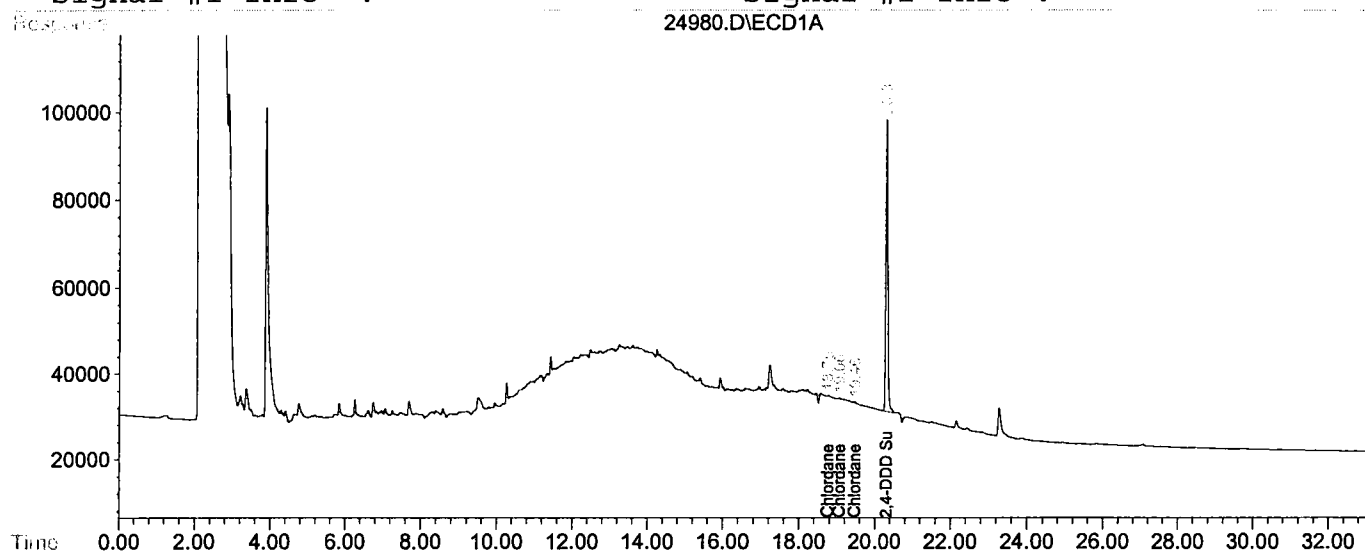
Data File : C:\HPCHEM\1\DATA\111601\24980.D\ECD1A.CH Vial: 44
 Acq On : 18 Nov 2010 5:50 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24980.D\ECD2B.CH Vial: 44
 Acq On : 18 Nov 10 5:50 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:09 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\24980.D\ECD1A.CH Vial: 44
Acq On : 18 Nov 2010 5:50 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24980.D\ECD2B.CH Vial: 44
Acq On : 18 Nov 101 5:50 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Nov 19 13:42 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides
Last Update : Sat Nov 17 09:04:43 2001
Response via : Initial Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
----------	------	------	--------	--------	------	------

System Monitoring Compounds

10) S	2,4 DDD Surrogat	20.30	20.56	2500791	158838	0.132m	0.176m#
	Spiked Amount	0.200		Recovery	=	66.00%	88.00%

Target Compounds

3)	Heptachlor	15.85	15.85	4213	469	0.000	0.000 #
4)	Aldrin	16.59	16.80	11937	1370	0.000	0.001 #
6)	4,4-DDE	19.66	20.22f	3941	1049	0.000	0.001 #
8)	Endrin	20.55	0.00	2389	0	0.000	N.D. #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

24980.D 111901P.M Mon Nov 19 13:42:57 2001

Page 1

Quantitation Report

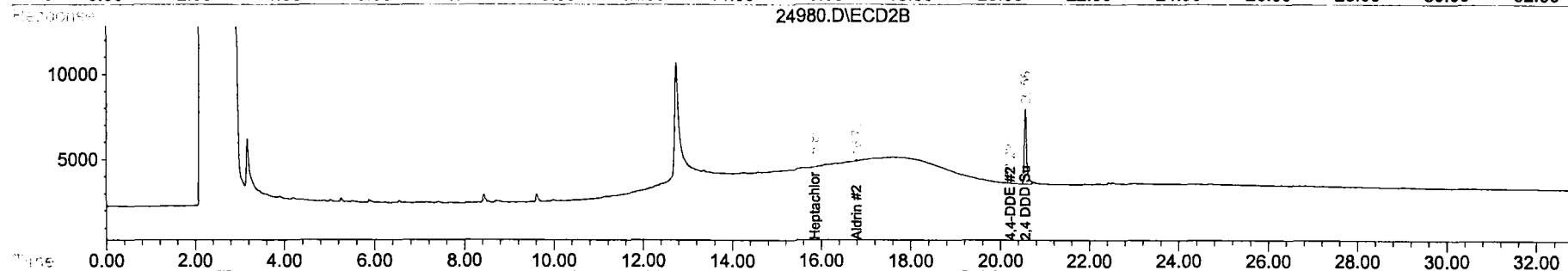
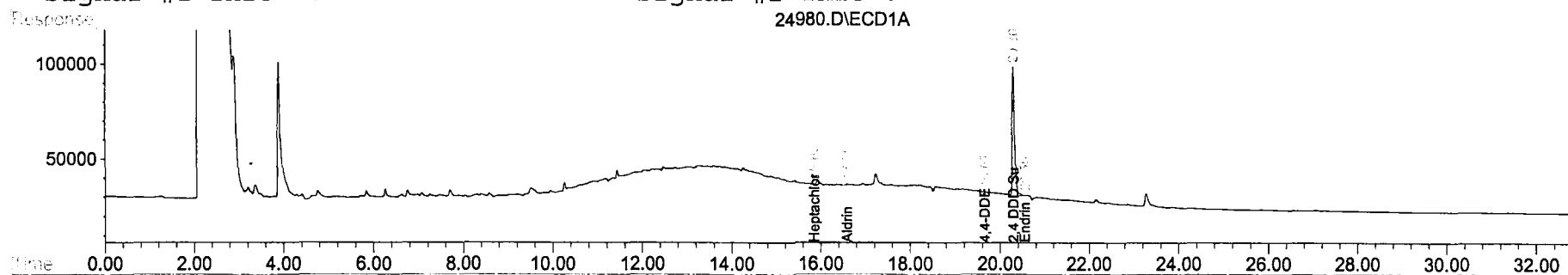
Data File : C:\HPCHEM\1\DATA\111601\24980.D\ECD1A.CH Vial: 44
 Acq On : 18 Nov 2010 5:50 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24980.D\ECD2B.CH Vial: 44
 Acq On : 18 Nov 10 5:50 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:42 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\24980.D\ECD1A.CH Vial: 44
Acq On : 18 Nov 2010 5:50 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24980.D\ECD2B.CH Vial: 44
Acq On : 18 Nov 10 5:50 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:36 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
Title : 508 Toxaphene
Last Update : Sat Nov 17 11:00:53 2001
Response via : Initial Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2

System Monitoring Compounds						
6) S 2,4-DDD Surrogat	20.30	20.56	2470938	159161	0.157m	0.237 #
Spiked Amount 0.200			Recovery	=	78.50%	118.50%
Target Compounds						
1) TOX-1	17.79	0.00	883040	0	8.313	N.D. #

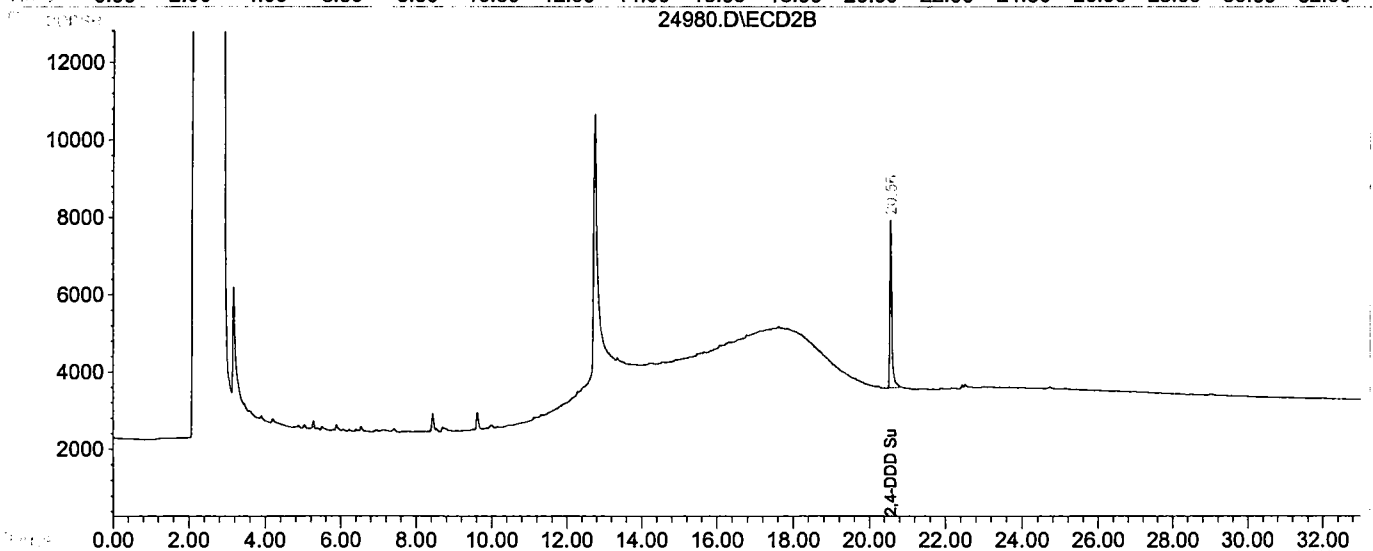
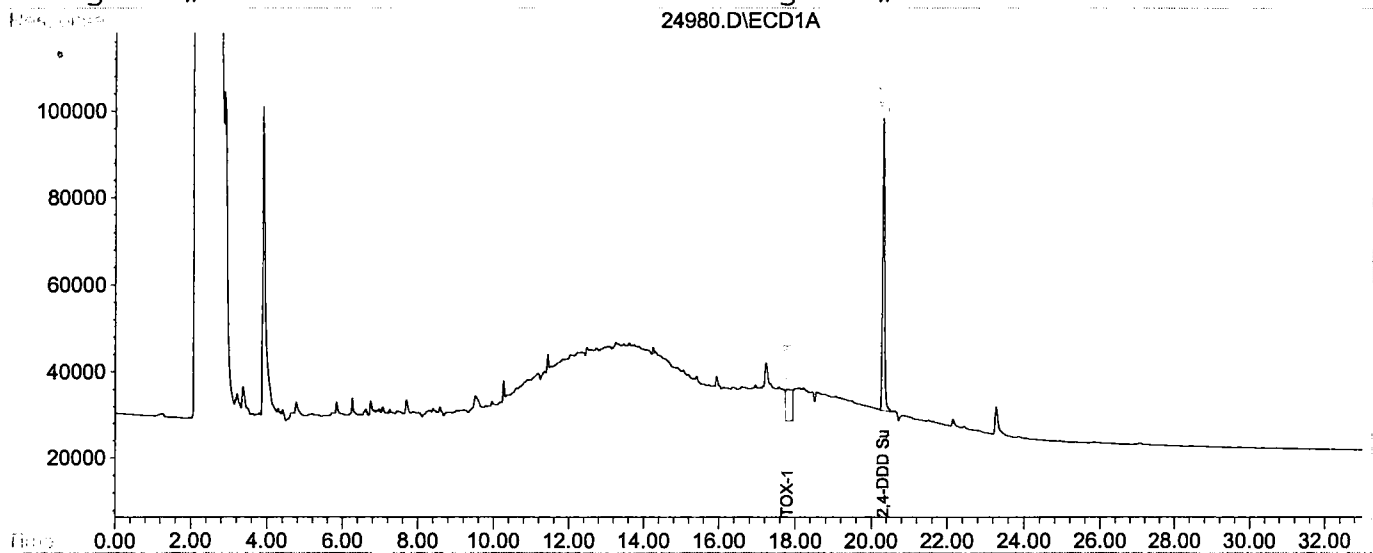
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24980.D\ECD1A.CH Vial: 44
Acq On : 18 Nov 2010 5:50 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24980.D\ECD2B.CH Vial: 44
Acq On : 18 Nov 10 5:50 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:36 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
Title : 508 Toxaphene
Last Update : Sat Nov 17 11:00:53 2001
Response via : Multiple Level Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Comments for Sample AD24980 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-21-2001 Time: 17:11:00

The breakdown for Endrin in the Breakdown Standard was 24%.

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:59:06

Sample: AD24980
Analysis: \$S_508 Organochlorine Pesticides Spike
Units: ug
Started: 10/19/01 15:57 Ended: 11/16/02 15:57 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		0.42		0.040
2	Lindane		0.31		0.030
3	Heptachlor		0.19		0.020
4	Aldrin		0.076		0.010
5	Heptachlor Epoxide		0.30		0.030
6	4,4-DDE		0.82		0.080
7	Dieldrin		0.16		0.016
8	Endrin		0.24		0.020
9	Methoxychlor		0.53		0.039
10	Chlordane		< MDL		0.40
11	Toxaphene		< MDL		0.40
12	PCB's		< MDL		0.20
13	Surr - 2,4-DDD		0.21		

User: Nefliu, Marcela
 Westchester Dept. of Labs & Research
 Date: 11/21/2001 Time: 15:59:26

Sample: AD24980
 Analysis: \$R_508 Pesticides Spike Calculation
 Units: ug
 Started: 10/19/01 15:59 Ended: 11/16/01 15:59 Analyst: MN
 Result source: calculation
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		105.00		0.040
2	Lindane		103.33		0.030
3	Heptachlor		95.00		0.020
4	Aldrin		76.00		0.010
5	Heptachlor Epoxide		100.00		0.030
6	4,4-DDE		102.50		0.080
7	Dieldrin		100.00		0.016
8	Endrin		120.00		0.020
9	Methoxychlor		132.50		0.039
10	Chlordane		#VALUE!		0.40
11	Toxaphene		#VALUE!		0.40
12	PCB's		#VALUE!		
13	Surr - 2,4-DDD		105.00		

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\011114\24980SDP.D\ECD1A.CH Vial: 42
 Signal #2 : C:\HPCHEM\1\DATA\508F\011114\24980SDP.D\ECD2B.CH
 Acq On : 15 Nov 2001 6:28 pm Operator: Nefliu
 Sample : 24980 spike dupe pest Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Nov 16 14:49 2001 Quant Results File: 011116P.RES

Quant Method : C:\HPCHEM\1\METHODS\011116P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Sun Oct 21 15:26:52 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F2.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
10) S 2,4-DDD SURROGAT	36.76	33.76	901354	1151970	0.206	0.204m
Spiked Amount	0.200		Recovery	=	103.00%	102.00%
Target Compounds						
1) PROPACHLOR	16.50	15.36	286736	307259	0.422m	0.386
2) g-BHC	22.65	20.28	2444558	3290660	0.307	0.279
3) HEPTACHLOR	25.31	21.67	903901	1379423	0.189	0.177
4) ALDRIN	27.97	23.72	734485	887117	0.076	0.075
5) HEPTACHLOR EPOXI	31.94	28.98	2348454	2903516	0.299	0.275
6) 4,4'-DDE	35.40	32.13	6040774	7310940	0.819m	0.707
7) DIELDRIN	35.68	32.80	1165809	1502259	0.163m	0.147
8) ENDRIN	37.69	33.84	1108917	1618452	0.244	0.229m
9) METHOXYCHLOR	48.73	40.79	864929	1279072	0.528m	0.510

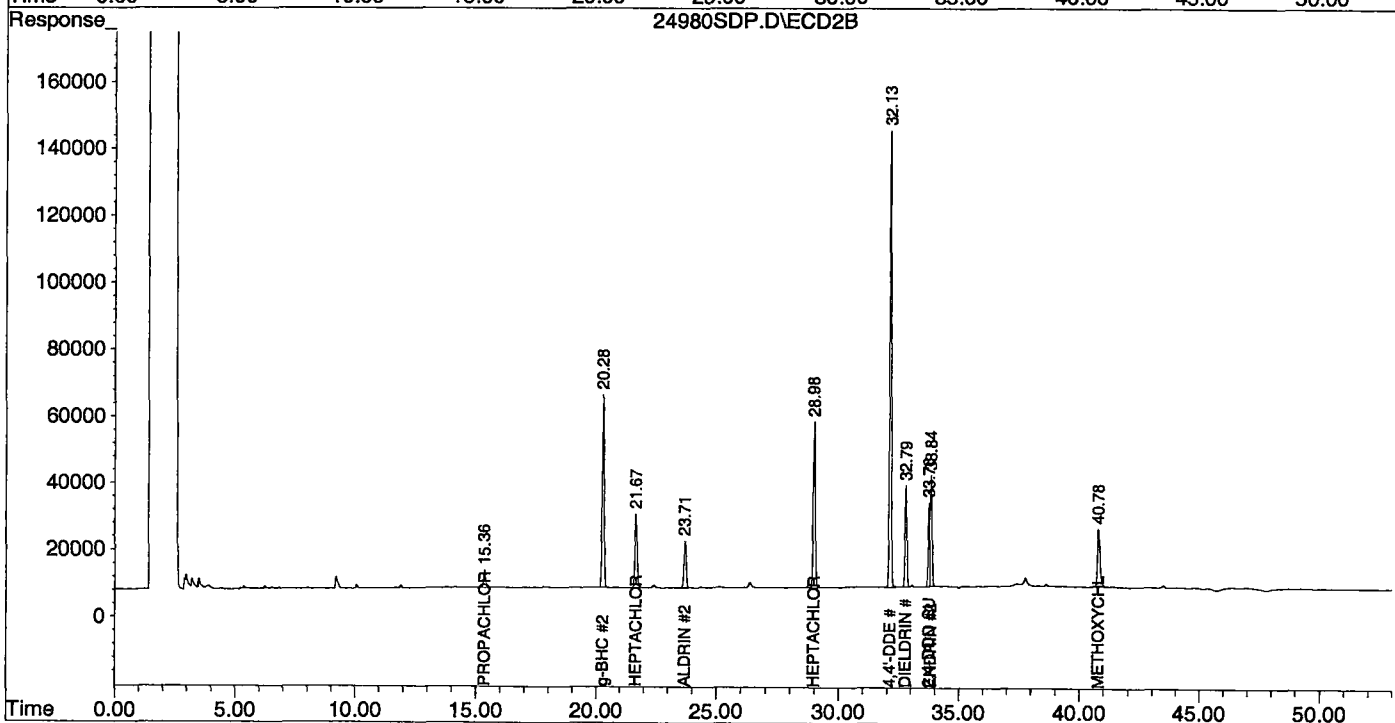
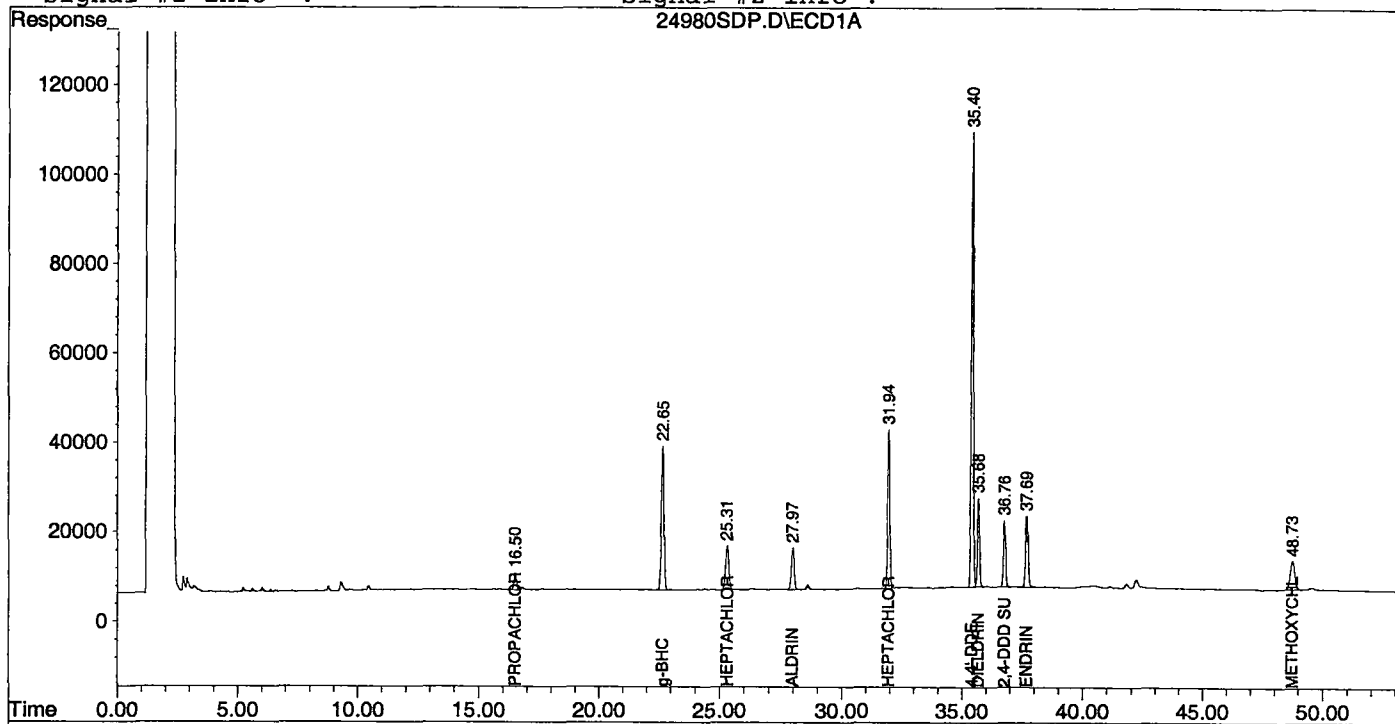
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 24980SDP.D 011116P.M Fri Nov 16 14:49:14 2001

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\011114\24980SDP.D\ECD1A.CH Vial: 42
Signal #2 : C:\HPCHEM\1\DATA\508F\011114\24980SDP.D\ECD2B.CH
Acq On : 15 Nov 2001 6:28 pm Operator: Nefliu
Sample : 24980 spike dupe pest Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Nov 16 14:49 2001 Quant Results File: 011116P.RES

Quant Method : C:\HPCHEM\1\METHODS\011116P.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES 9/6/00
Last Update : Sun Oct 21 15:26:52 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F2.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



User: Nefiu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 16:00:21

Sample: AD24980
Analysis: SSD508 Organochlorine Pesticides Spike Dup
Units: ug
Started: 10/19/01 15:59 Ended: 11/16/01 15:59 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		0.43		0.040
2	Lindane		0.31		0.030
3	Heptachlor		0.19		0.020
4	Aldrin		0.076		0.010
5	Heptachlor Epoxide		0.31		0.030
6	4,4-DDE		0.84		0.080
7	Dieldrin		0.17		0.016
8	Endrin		0.25		0.020
9	Methoxychlor		0.62		0.039
10	Chlordane		< MDL		0.40
11	Toxaphene		< MDL		0.40
12	PCB's		< MDL		0.20
13	Surr - 2,4-DDD		0.21		

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 16:00:33

Sample: AD24980
Analysis: \$PS508 Pesticides Spike Dup Calculation
Units: ug
Started: 10/19/01 16:00 Ended: 11/16/01 16:00 Analyst: MN
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		0.01		0.040
2	Lindane		0.00		0.030
3	Heptachlor		0.00		0.020
4	Aldrin		0.00		0.010
5	Heptachlor Epoxide		0.01		0.030
6	4,4-DDE		0.02		0.080
7	Dieldrin		0.01		0.016
8	Endrin		0.01		0.020
9	Methoxychlor		0.09		0.039
10	Chlordane		#VALUE!		0.40
11	Toxaphene		#VALUE!		0.40
12	PCB's		#VALUE!		
13	Surr - 2,4-DDD		0.00		

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\011114\24980SP.D\ECD1A.CH Vial: 40
 Signal #2 : C:\HPCHEM\1\DATA\508F\011114\24980SP.D\ECD2B.CH
 Acq On : 15 Nov 2001 5:30 pm Operator: Nefliu
 Sample : 24980 spike dupe pest Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Nov 16 14:50 2001 Quant Results File: 011116P.RES

Quant Method : C:\HPCHEM\1\METHODS\011116P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Sun Oct 21 15:26:52 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F2.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
10) S 2,4-DDD SURROGAT	36.76	33.75	920157	1010656	0.211	0.179m
Spiked Amount 0.200			Recovery	=	105.50%	89.50%
Target Compounds						
1) PROPACHLOR	16.50	15.36	289146	298469	0.426m	0.375
2) g-BHC	22.64	20.27	2472226	3166571	0.311	0.269
3) HEPTACHLOR	25.30	21.66	930617	1320568	0.194	0.170
4) ALDRIN	27.97	23.71	743332	874370	0.076	0.074
5) HEPTACHLOR EPOXI	31.93	28.98	2406167	2812909	0.306	0.267
6) 4,4'-DDE	35.40	32.13	6217035	7143262	0.843m	0.690
7) DIELDRIN	35.67	32.79	1215991	1444758	0.170m	0.141
8) ENDRIN	37.68	33.84	1146045	1594512	0.252	0.226m
9) METHOXYCHLOR	48.72	40.78	1015765	1530168	0.620	0.610

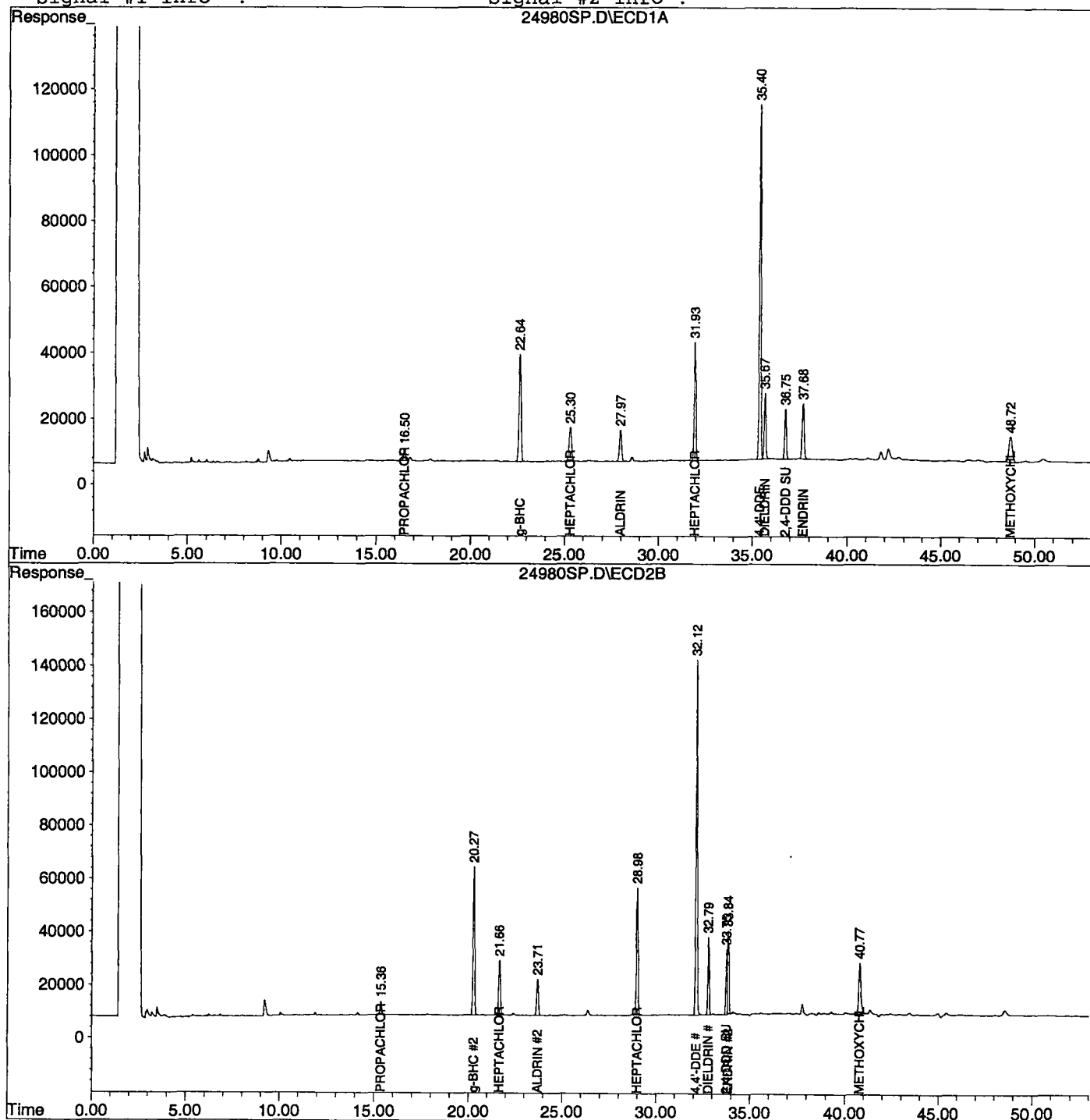
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 24980SP.D 011116P.M Fri Nov 16 14:50:48 2001

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\011114\24980SP.D\ECD1A.CH Vial: 40
Signal #2 : C:\HPCHEM\1\DATA\508F\011114\24980SP.D\ECD2B.CH
Acq On : 15 Nov 2001 5:30 pm Operator: Nefliu
Sample : 24980 spike dupe pest Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Nov 16 14:50 2001 Quant Results File: 011116P.RES

Quant Method : C:\HPCHEM\1\METHODS\011116P.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES 9/6/00
Last Update : Sun Oct 21 15:26:52 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F2.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



User: Nefiu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:51:44

Sample: AD24981
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/19/01 15:50 Ended: 11/16/01 15:50 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		< MDL		0.040
2	Lindane		< MDL		0.030
3	Heptachlor		< MDL		0.020
4	Aldrin		< MDL		0.010
5	Heptachlor Epoxide		< MDL		0.030
6	4,4-DDE		< MDL		0.080
7	Dieldrin		< MDL		0.016
8	Endrin		< MDL		0.020
9	Methoxychlor		< MDL		0.039
10	Chlordane		< MDL		0.40
11	Toxaphene		< MDL		0.40
12	PCB's		< MDL		0.20
13	Surr_2,4-DDD		0.18		

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\24981.D\ECD1A.CH Vial: 45
 Acq On : 18 Nov 2010 6:28 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24981.D\ECD2B.CH Vial: 45
 Acq On : 18 Nov 10 6:28 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:10 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
4) S 2,4-DDD Surrogat	20.30	20.56	2971332	179340	0.179	0.217m
Spiked Amount	0.200		Recovery	=	89.50%	108.50%
Target Compounds						
1) Chlordane 1	18.75	15.50	40029	995	0.046	0.013 #
2) Chlordane 2	19.20	0.00	6039	0	0.002	N.D. #

 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

24981.D 111701C.M Mon Nov 19 14:10:26 2001

Page 1

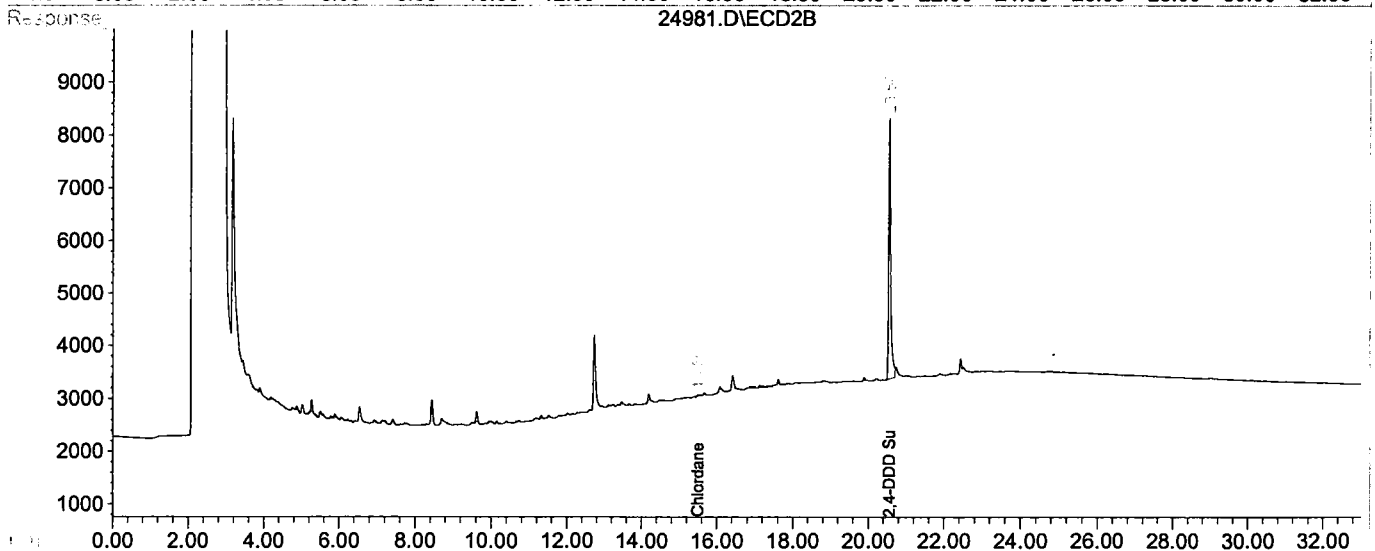
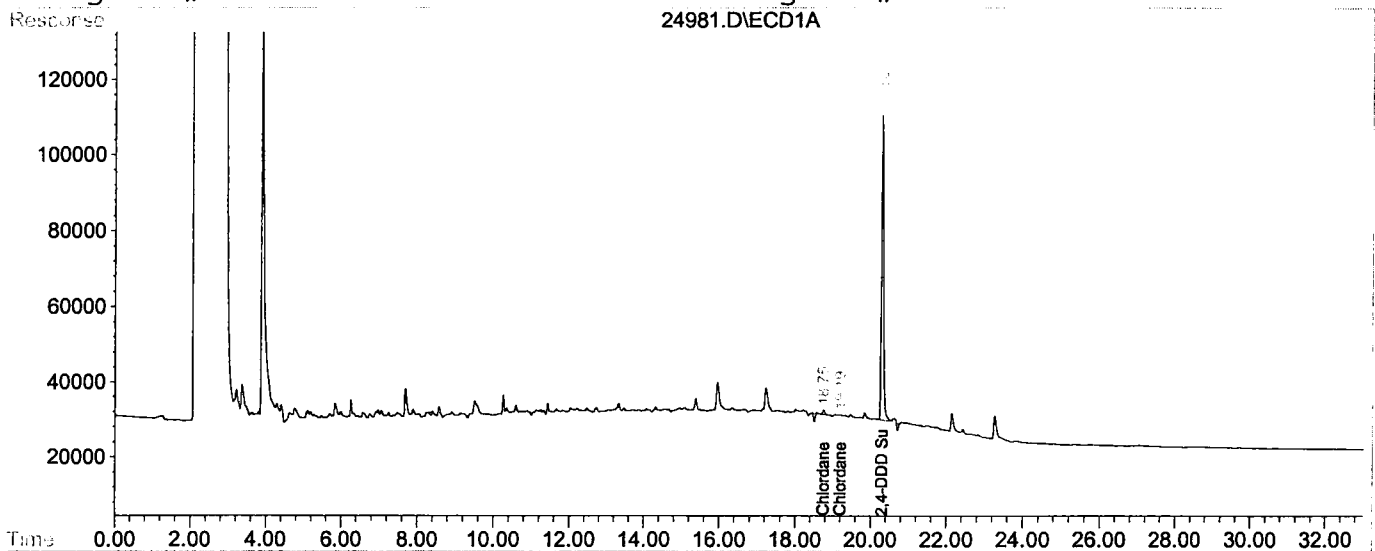
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24981.D\ECD1A.CH Vial: 45
 Acq On : 18 Nov 2010 6:28 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24981.D\ECD2B.CH Vial: 45
 Acq On : 18 Nov 10 6:28 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:10 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\24981.D\ECD1A.CH Vial: 45
 Acq On : 18 Nov 2010 6:28 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24981.D\ECD2B.CH Vial: 45
 Acq On : 18 Nov 101 6:28 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E
 Quant Time: Nov 19 13:43 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

System Monitoring Compounds						
10) S 2,4 DDD Surrogat	20.30	20.56	2973226	182409	0.157	0.203m#
Spiked Amount	0.200		Recovery	=	78.50%	101.50%
Target Compounds						
1) Propachlor	13.10	12.61	1490	891	0.001	0.007 #
2) g-BHC	15.28	15.00	2490	136	0.000	0.000
3) Heptachlor	15.86	0.00	1857	0	0.000	N.D. #
6) 4,4-DDE	19.47	19.89	31794	2657	0.001	0.002 #
7) Dieldrin	19.84f	20.22f	55029	1881	0.002	0.001 #
8) Endrin	0.00	21.00	0	441	N.D. d	0.001

 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

24981.D 111901P.M Mon Nov 19 13:43:43 2001

Page 1

Quantitation Report

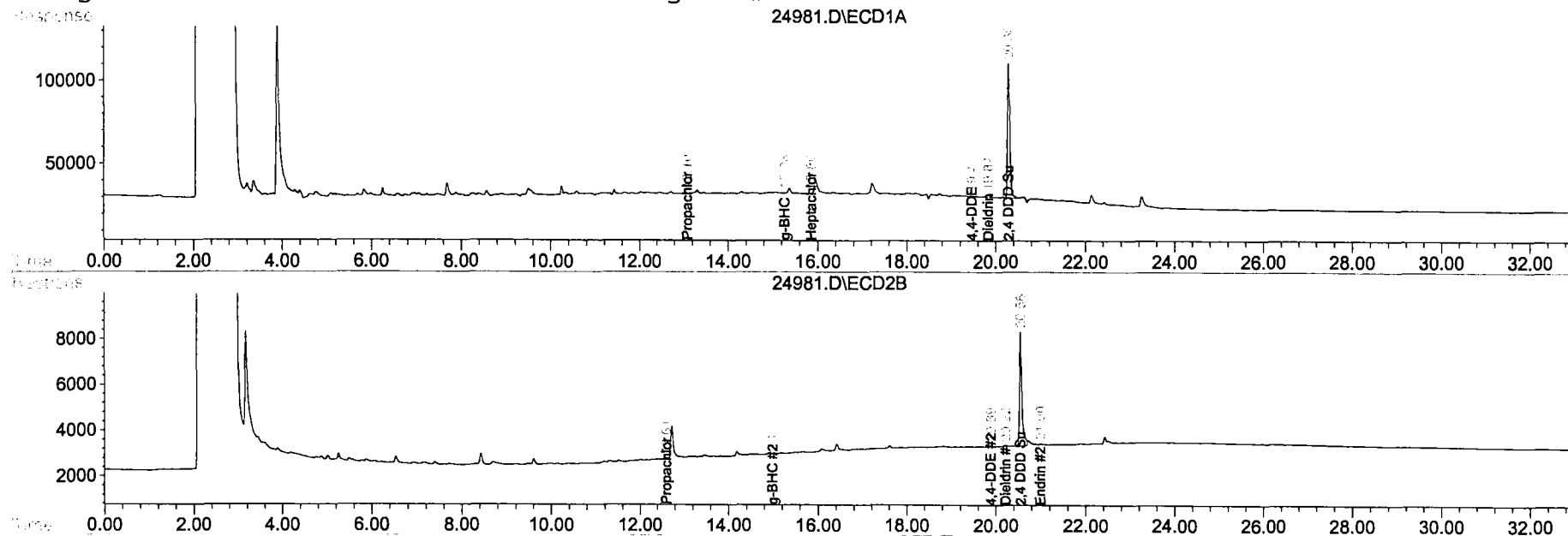
Data File : C:\HPCHEM\1\DATA\111601\24981.D\ECD1A.CH Vial: 45
 Acq On : 18 Nov 2010 6:28 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24981.D\ECD2B.CH Vial: 45
 Acq On : 18 Nov 101 6:28 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:43 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :
 Signal #2 Phase :
 Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\24981.D\ECD1A.CH Vial: 45
 Acq On : 18 Nov 2010 6:28 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24981.D\ECD2B.CH Vial: 45
 Acq On : 18 Nov 10 6:28 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:36 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
 Title : 508 Toxaphene
 Last Update : Sat Nov 17 11:00:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2

System Monitoring Compounds						
6) S 2,4-DDD Surrogat	20.30	20.56	2983526	182363	0.189m	0.271m#
Spiked Amount	0.200		Recovery	=	94.50%	135.50%
Target Compounds						
1) TOX-1	18.00	0.00	704389	0	6.631	N.D. #

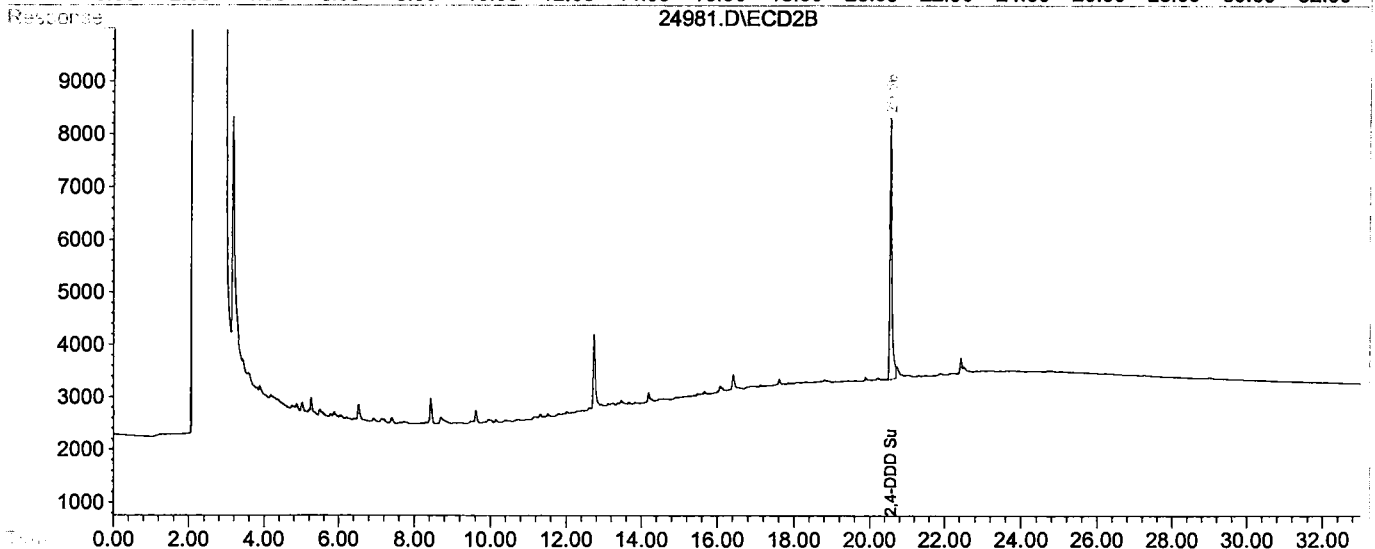
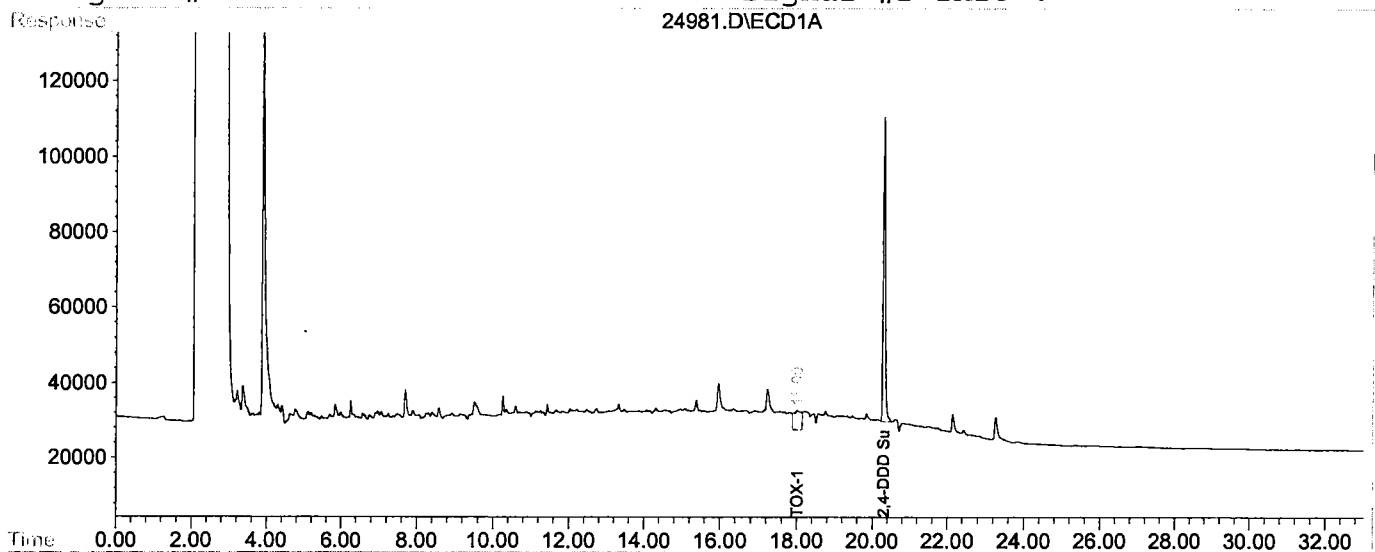
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24981.D\ECD1A.CH Vial: 45
Acq On : 18 Nov 2010 6:28 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24981.D\ECD2B.CH Vial: 45
Acq On : 18 Nov 2010 6:28 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:36 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
Title : 508 Toxaphene
Last Update : Sat Nov 17 11:00:53 2001
Response via : Multiple Level Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Comments for Sample AD24981 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-21-2001 Time: 17:12:35

The breakdown for Endrin in the Breakdown Standard was 24%.

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:52:29

Sample: AD25037
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/19/01 15:50 Ended: 11/16/01 15:50 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		< MDL		0.040
2	Lindane		< MDL		0.030
3	Heptachlor		< MDL		0.020
4	Aldrin		< MDL		0.010
5	Heptachlor Epoxide		< MDL		0.030
6	4,4-DDE		< MDL		0.080
7	Dieldrin		< MDL		0.016
8	Endrin		< MDL		0.020
9	Methoxychlor		< MDL		0.039
10	Chlordane		< MDL		0.40
11	Toxaphene		< MDL		0.40
12	PCB's		< MDL		0.20
13	Surr_2,4-DDD		0.14		

69%
70-130%
Commented
(82% or 2nd ext.)

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25037.D\ECD1A.CH Vial: 46
 Acq On : 18 Nov 2010 7:05 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25037.D\ECD2B.CH Vial: 46
 Acq On : 18 Nov 101 7:05 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:10 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
4) S 2,4-DDD Surrogat	20.30	20.55	2284179	136377	0.137	0.165m
Spiked Amount	0.200		Recovery	=	68.50%	82.50%
Target Compounds						
1) Chlordane 1	18.91	15.50	12177	1732	0.014	0.022 #
2) Chlordane 2	19.34	0.00	13974	0	0.004	N.D. #
3) Chlordane 3	19.34	0.00	13974	0	0.003	N.D. #

 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25037.D 111701C.M Mon Nov 19 14:12:22 2001

Page 1

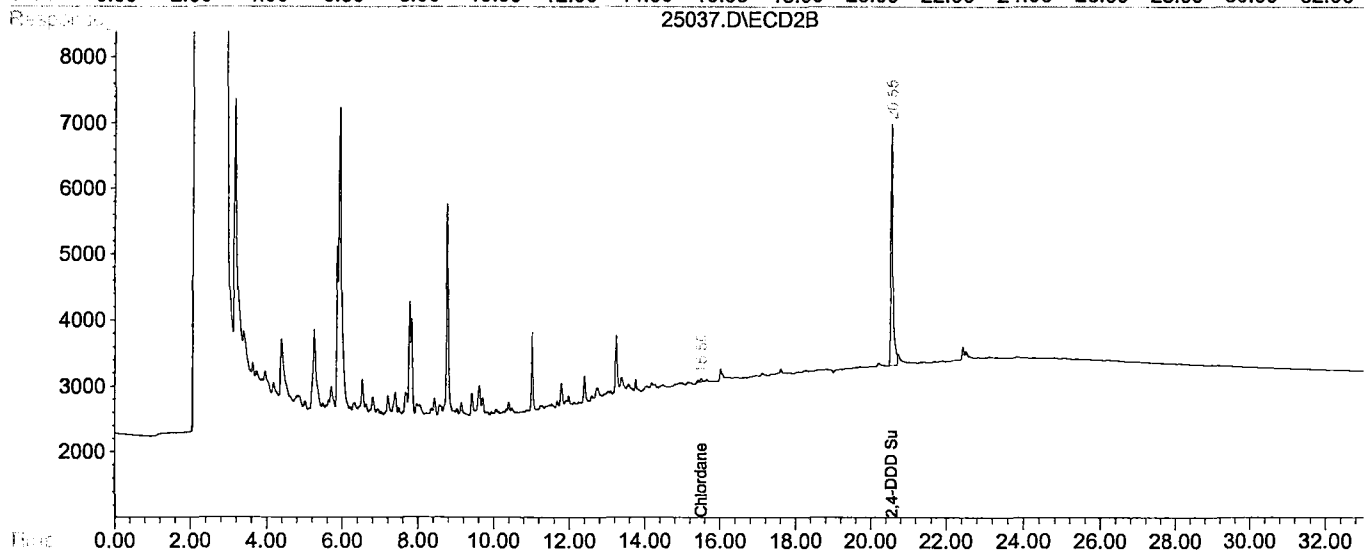
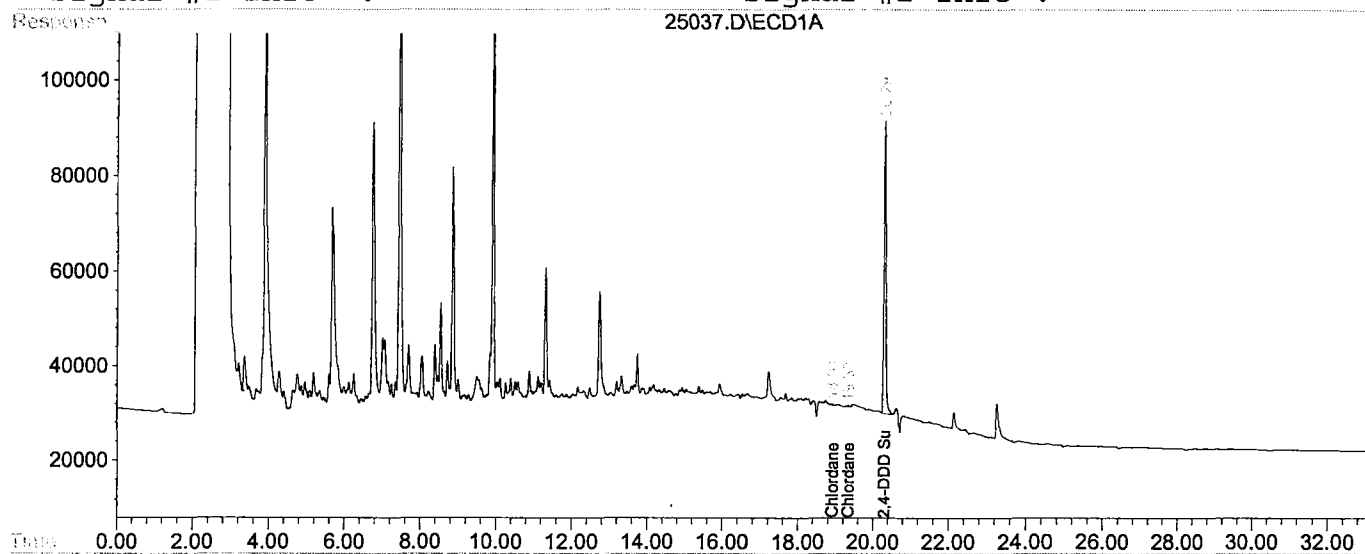
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\25037.D\ECD1A.CH Vial: 46
Acq On : 18 Nov 2010 7:05 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25037.D\ECD2B.CH Vial: 46
Acq On : 18 Nov 101 7:05 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:10 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
Title : 508 CHLORDANE
Last Update : Sat Nov 17 11:19:53 2001
Response via : Multiple Level Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25037.D\ECD1A.CH Vial: 46
 Acq On : 18 Nov 2010 7:05 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\25037.D\ECD2B.CH Vial: 46
 Acq On : 18 Nov 101 7:05 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E
 Quant Time: Nov 19 13:44 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
----------	------	------	--------	--------	------	------

System Monitoring Compounds

10) S 2,4 DDD Surrogat	20.30	20.55	2284256	134546	0.120	0.149m
Spiked Amount	0.200		Recovery	=	60.00%	74.50%

Target Compounds

1) Propachlor	13.19	12.60	97318	2247	0.041m	0.017m#
2) g-BHC	15.27	14.95	1834	706	0.000	0.000 #
3) Heptachlor	15.83	0.00	5412	0	0.000	N.D. #
4) Aldrin	16.54	16.81	17771	402	0.000	0.000 #
6) 4,4-DDE	19.47	20.00	21338	142	0.001	0.000 #
7) Dieldrin	19.89f	20.00f	8968	142	0.000	0.000 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25037.D 111901P.M Mon Nov 19 13:44:31 2001

Page 1

Quantitation Report

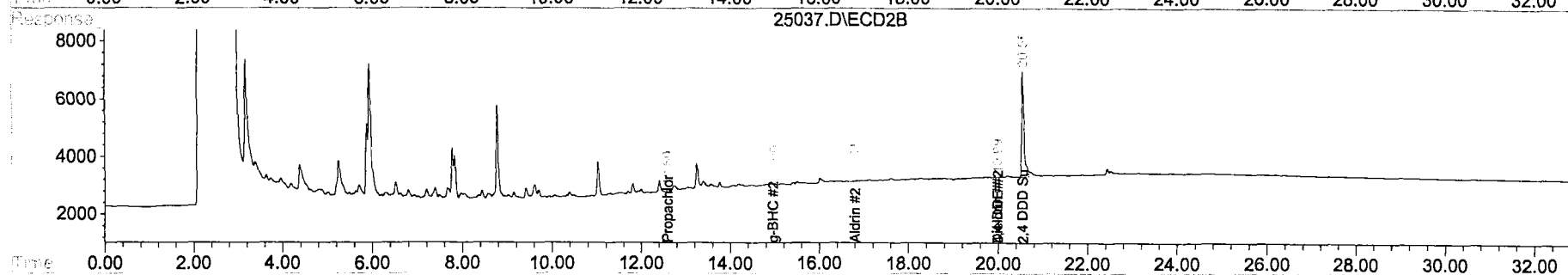
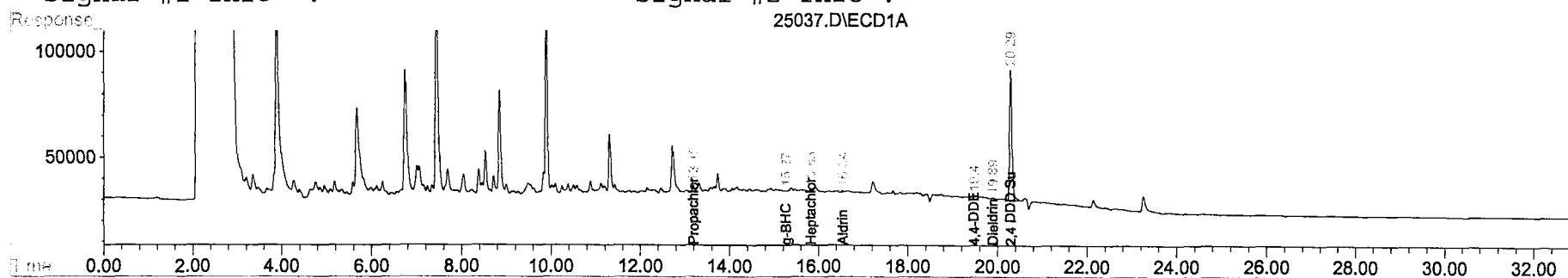
Data File : C:\HPCHEM\1\DATA\111601\25037.D\ECD1A.CH Vial: 46
 Acq On : 18 Nov 2010 7:05 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\25037.D\ECD2B.CH Vial: 46
 Acq On : 18 Nov 101 7:05 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:44 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25037.D\ECD1A.CH Vial: 46
Acq On : 18 Nov 2010 7:05 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25037.D\ECD2B.CH Vial: 46
Acq On : 18 Nov 10 7:05 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:37 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
Title : 508 Toxaphene
Last Update : Sat Nov 17 11:00:53 2001
Response via : Initial Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2

System Monitoring Compounds						
6) S 2,4-DDD Surrogat	20.29	20.55	2314788	135497	0.147m	0.202m#
Spiked Amount	0.200		Recovery	=	73.50%	101.00%
Target Compounds						
1) TOX-1	17.83	0.00	939405	0	8.844	N.D. #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25037.D 111701T.M Mon Nov 19 14:37:29 2001

Page 1

Quantitation Report

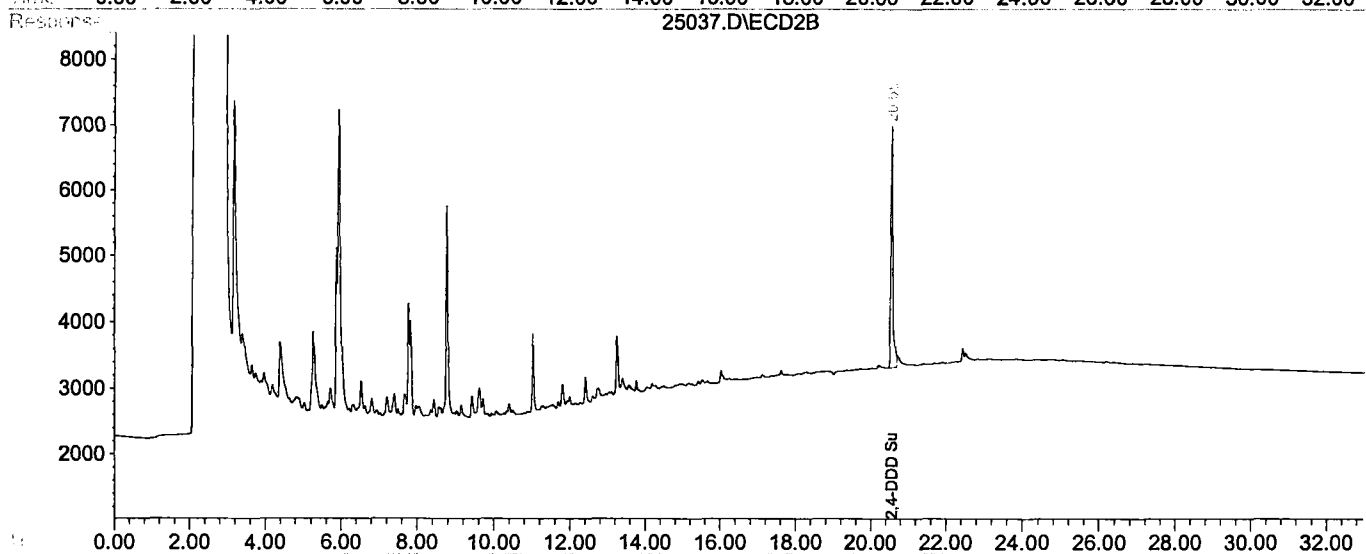
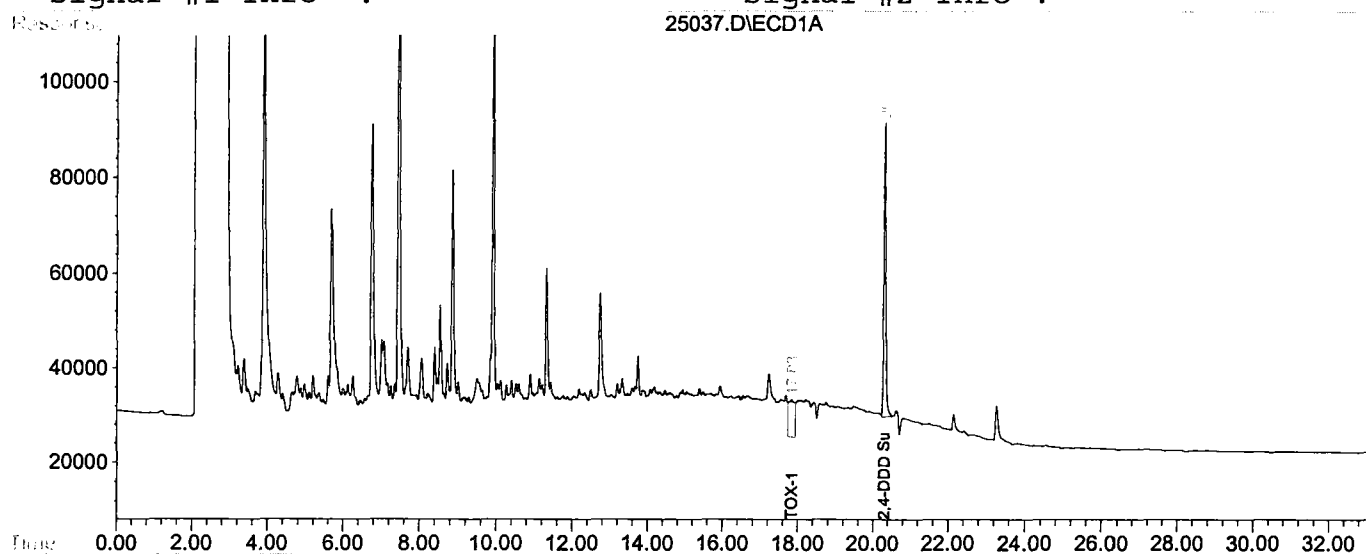
Data File : C:\HPCHEM\1\DATA\111601\25037.D\ECD1A.CH Vial: 46
 Acq On : 18 Nov 2010 7:05 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25037.D\ECD2B.CH Vial: 46
 Acq On : 18 Nov 101 7:05 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:37 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
 Title : 508 Toxaphene
 Last Update : Sat Nov 17 11:00:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25037.D\ECD1A.CH Vial: 46
 Acq On : 18 Nov 2010 7:05 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25037.D\ECD2B.CH Vial: 46
 Acq On : 18 Nov 101 7:05 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 16:30 19101 Quant Results File: 1232508.RES

Quant Method : C:\HPCHEM\1\METHODS\1232508.M (Chemstation Integrator)
 Title : 1232 5/21/01
 Last Update : Mon Nov 19 16:21:23 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2

System Monitoring Compounds						
6) S 2,4-DDD Surrogat	20.30	20.56	2283789	124572	0.145	0.185 #
Spiked Amount	0.200		Recovery	=	72.50%	92.50%
Target Compounds						
1) 1232-1	12.73	13.76	1002645	5139	2.265	0.117 #
2) 1232-2	13.32	15.00	122291	717	0.095	0.013 #
3) 1232-3	14.46	16.02	31235	6916	0.032	0.106 #
4) 1232-4	15.68	18.60	10353	556	0.006	0.034 #
5) 1232-5	17.22	19.38	343719	815	0.315	0.045 #

 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25037.D 1232508.M Mon Nov 19 16:30:42 2001

Page 1

Quantitation Report

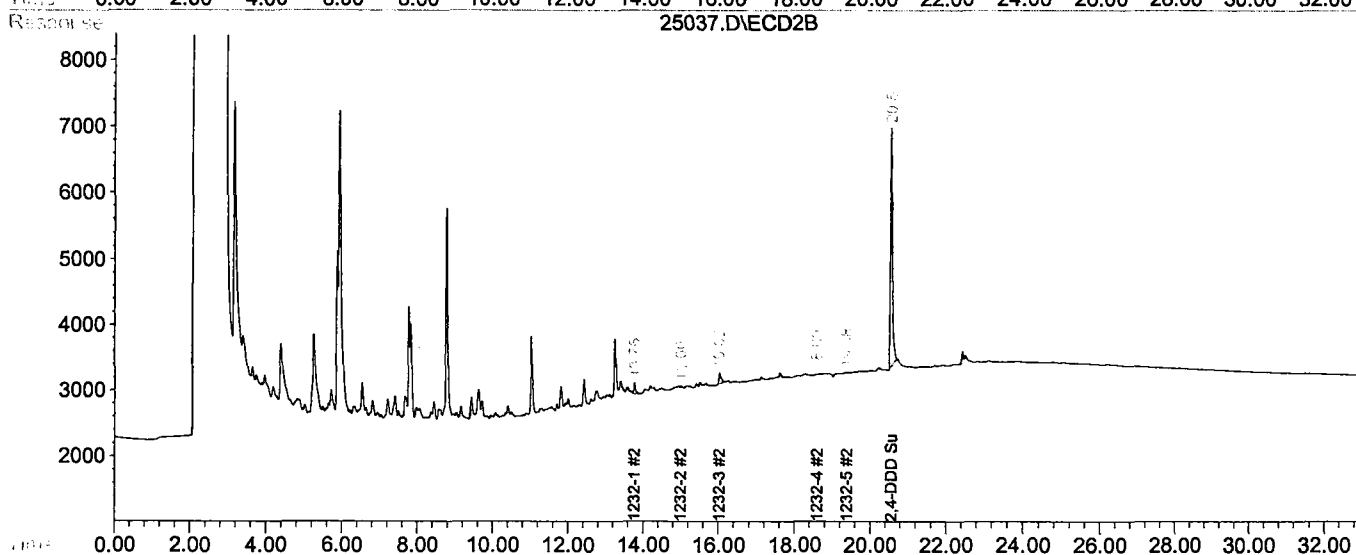
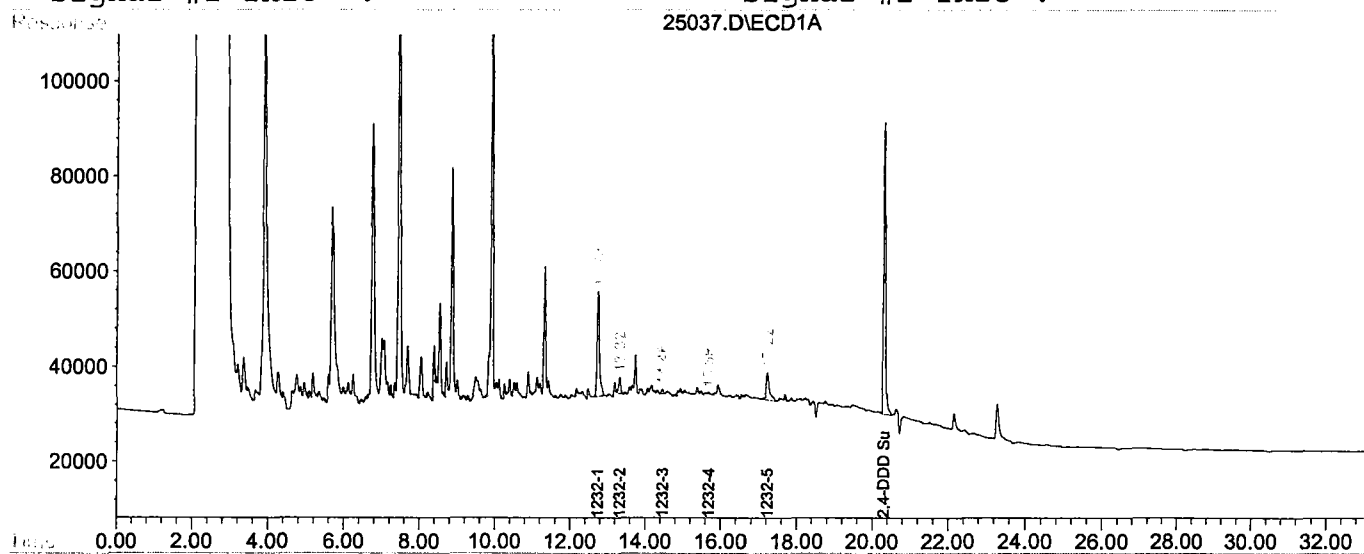
Data File : C:\HPCHEM\1\DATA\111601\25037.D\ECD1A.CH Vial: 46
 Acq On : 18 Nov 2010 7:05 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25037.D\ECD2B.CH Vial: 46
 Acq On : 18 Nov 101 7:05 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 16:30 19101 Quant Results File: 1232508.RES

Quant Method : C:\HPCHEM\1\METHODS\1232508.M (Chemstation Integrator)
 Title : 1232 5/21/01
 Last Update : Mon Nov 19 16:21:23 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Comments for Sample AD25037 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-21-2001 Time: 17:14:43

The breakdown for Endrin in the Breakdown Standard was 24%. The recovery for the Surrogate Standard in this sample was below its acceptance range.

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:52:59

Sample: AD25038
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/19/01 15:50 Ended: 11/16/01 15:50 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		< MDL		0.040
2	Lindane		< MDL		0.030
3	Heptachlor		< MDL		0.020
4	Aldrin		< MDL		0.010
5	Heptachlor Epoxide		< MDL		0.030
6	4,4-DDE		< MDL		0.080
7	Dieldrin		< MDL		0.016
8	Endrin		< MDL		0.020
9	Methoxychlor		< MDL		0.039
10	Chlordane		< MDL		0.40
11	Toxaphene		< MDL		0.40
12	PCB's		< MDL		0.20
13	Surr_2,4-DDD		0.17		

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25038.D\ECD1A.CH Vial: 47
Acq On : 18 Nov 2010 7:43 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25038.D\ECD2B.CH Vial: 47
Acq On : 18 Nov 101 7:43 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:12 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
Title : 508 CHLORDANE
Last Update : Sat Nov 17 11:19:53 2001
Response via : Initial Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
4) S 2,4-DDD Surrogat	20.28	20.53	2856507	168670	0.172	0.204m
Spiked Amount	0.200		Recovery	=	86.00%	102.00%
Target Compounds						
1) Chlordane 1	18.89	15.49	19639	1404	0.023	0.018
2) Chlordane 2	19.30	0.00	15009	0	0.004	N.D. d#
3) Chlordane 3	19.30	0.00	15009	0	0.004	N.D. d#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25038.D 111701C.M Mon Nov 19 14:13:04 2001

Page 1

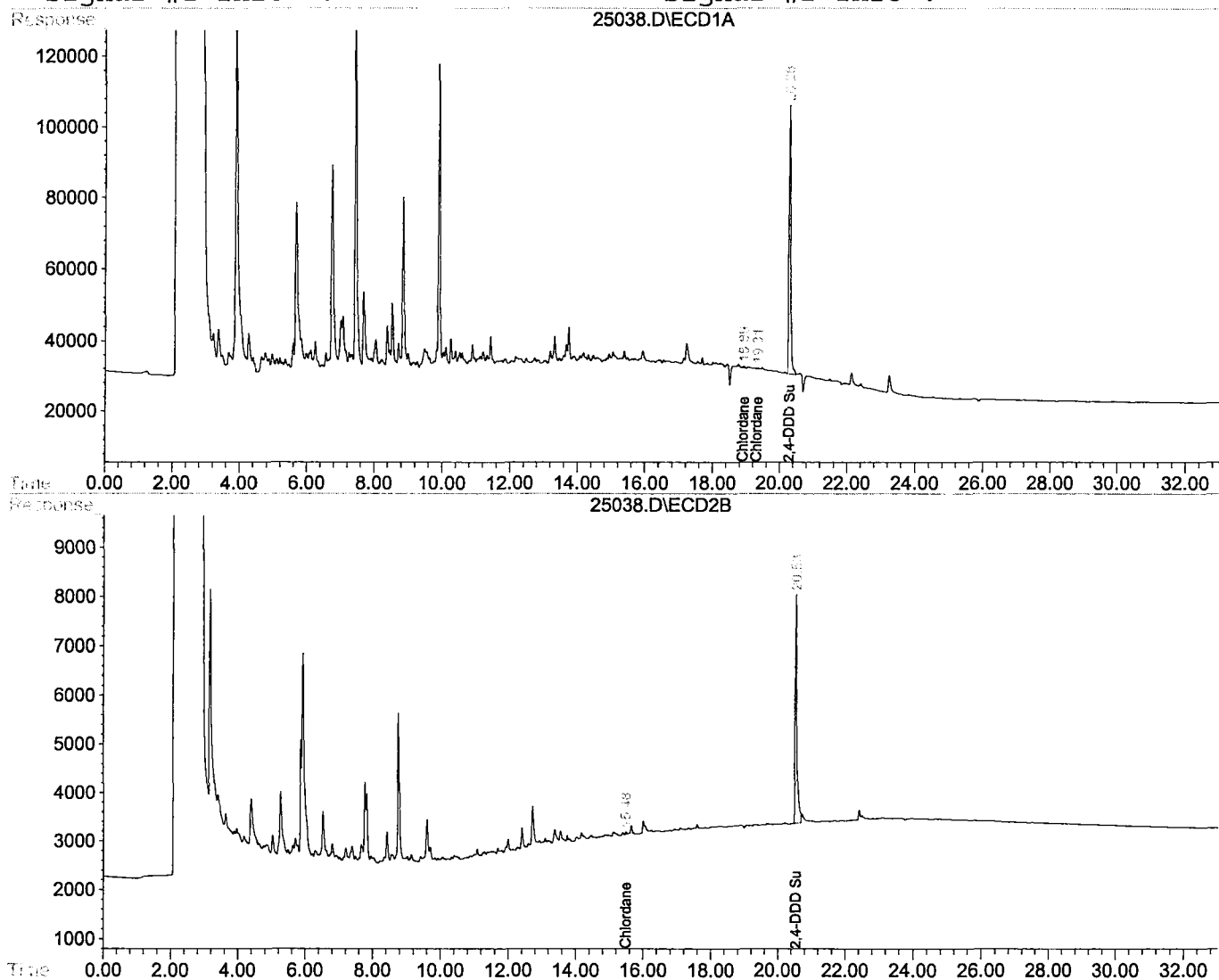
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\25038.D\ECD1A.CH Vial: 47
Acq On : 18 Nov 2010 7:43 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25038.D\ECD2B.CH Vial: 47
Acq On : 18 Nov 101 7:43 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:12 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
Title : 508 CHLORDANE
Last Update : Sat Nov 17 11:19:53 2001
Response via : Multiple Level Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25038.D\ECD1A.CH Vial: 47
 Acq On : 18 Nov 2010 7:43 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\25038.D\ECD2B.CH Vial: 47
 Acq On : 18 Nov 101 7:43 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:45 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
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System Monitoring Compounds

10) S	2,4 DDD Surrogat	20.28	20.53	2899122	168183	0.153m	0.187m
	Spiked Amount	0.200		Recovery	=	76.50%	93.50%

Target Compounds

1)	Propachlor	13.18	12.59	117182	2606	0.050m	0.020m#
2)	g-BHC	0.00	15.04	0	93	N.D. d	0.000
4)	Aldrin	16.61	16.79	3219	991	0.000	0.000 #
6)	4,4-DDE	19.56	19.68	1840	942	0.000	0.001 #
7)	Dieldrin	20.01	20.22f	1591	1429	0.000	0.001 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25038.D 111901P.M Mon Nov 19 13:45:23 2001

Page 1

Quantitation Report

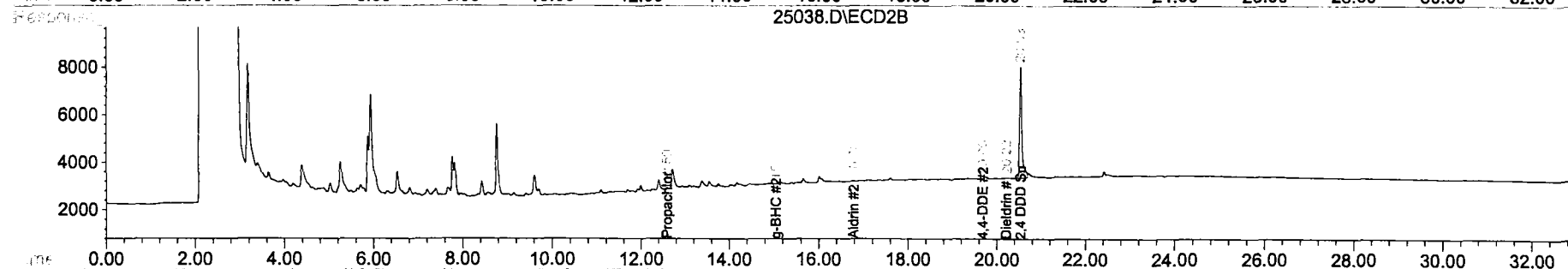
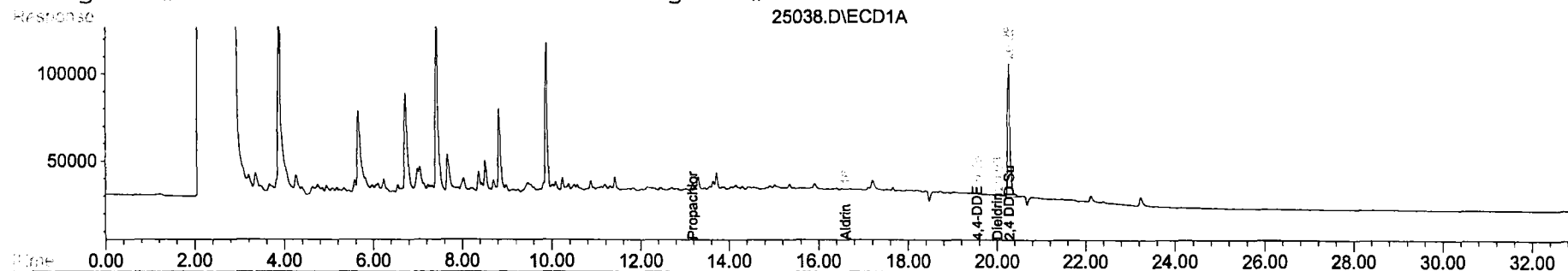
Data File : C:\HPCHEM\1\DATA\111601\25038.D\ECD1A.CH Vial: 47
Acq On : 18 Nov 2010 7:43 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\25038.D\ECD2B.CH Vial: 47
Acq On : 18 Nov 101 7:43 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Nov 19 13:45 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides
Last Update : Sat Nov 17 09:04:43 2001
Response via : Multiple Level Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25038.D\ECD1A.CH Vial: 47
 Acq On : 18 Nov 2010 7:43 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25038.D\ECD2B.CH Vial: 47
 Acq On : 18 Nov 101 7:43 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:37 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
 Title : 508 Toxaphene
 Last Update : Sat Nov 17 11:00:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
----------	------	------	--------	--------	--------	--------

System Monitoring Compounds

6) S 2,4-DDD Surrogat	20.28	20.53	2870045	168534	0.182m	0.251m#
Spiked Amount	0.200		Recovery	=	91.00%	125.50%

Target Compounds

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25038.D 111701T.M Mon Nov 19 14:38:00 2001

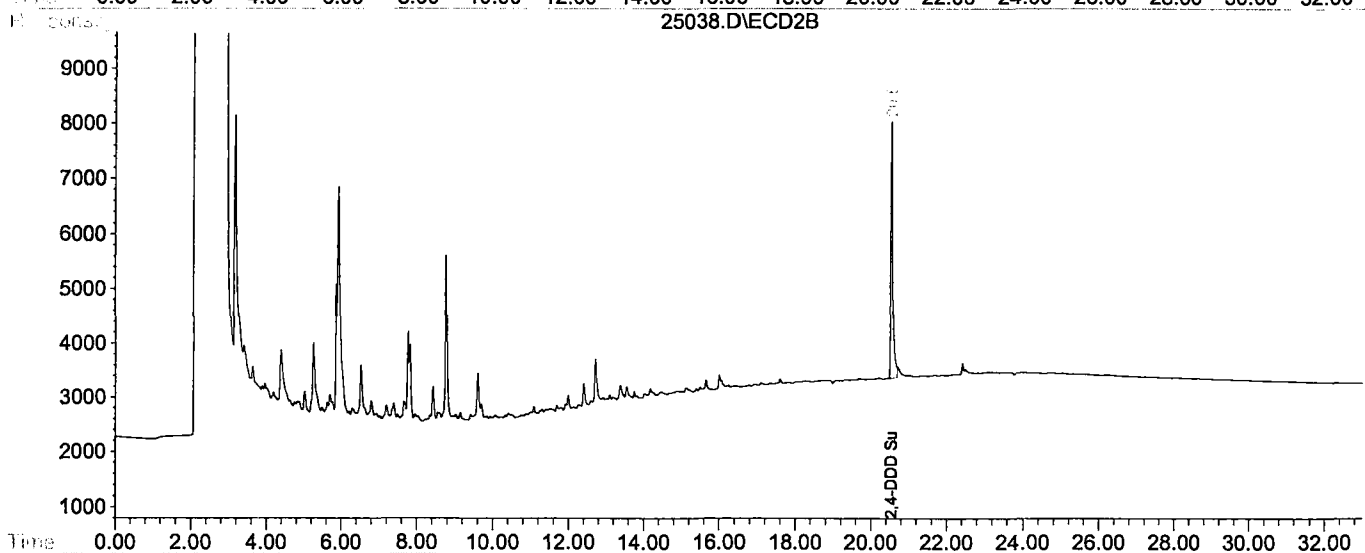
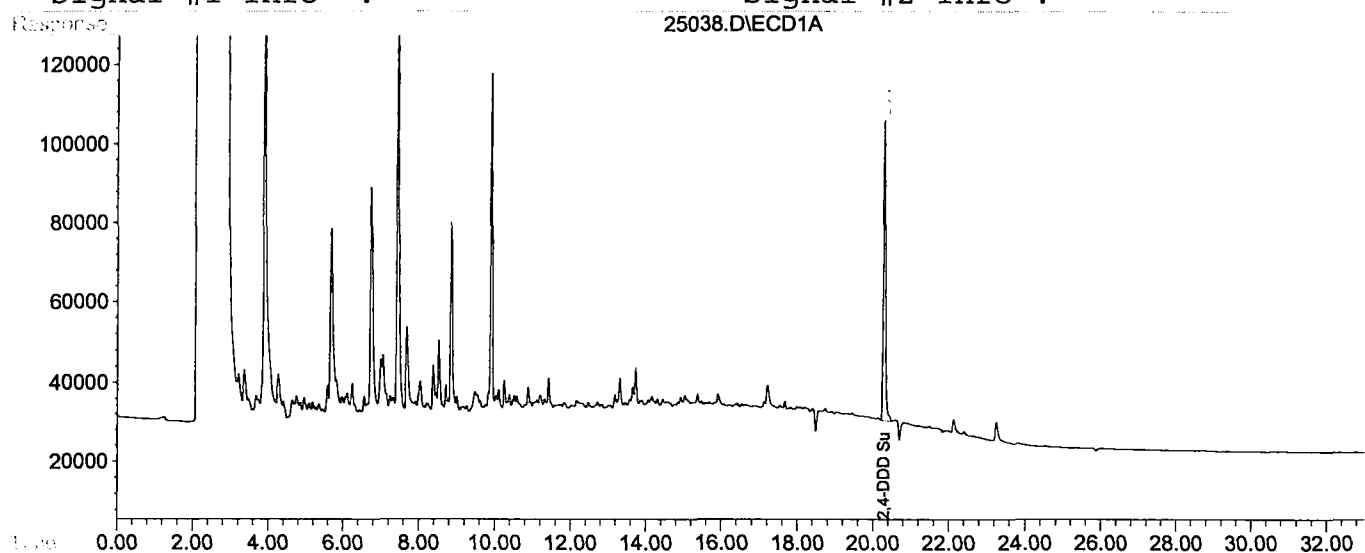
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\25038.D\ECD1A.CH Vial: 47
Acq On : 18 Nov 2010 7:43 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25038.D\ECD2B.CH Vial: 47
Acq On : 18 Nov 101 7:43 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:37 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
Title : 508 Toxaphene
Last Update : Sat Nov 17 11:00:53 2001
Response via : Multiple Level Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25038.D\ECD1A.CH Vial: 47
 Acq On : 18 Nov 2010 7:43 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25038.D\ECD2B.CH Vial: 47
 Acq On : 18 Nov 101 7:43 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 16:30 19101 Quant Results File: 1232508.RES

Quant Method : C:\HPCHEM\1\METHODS\1232508.M (Chemstation Integrator)
 Title : 1232 5/21/01
 Last Update : Mon Nov 19 16:21:23 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2

System Monitoring Compounds						
6) S 2,4-DDD Surrogat	20.28	20.53	2857193	176917	0.181	0.263 #
Spiked Amount 0.200			Recovery	=	90.50%	131.50%
Target Compounds						
1) 1232-1	12.72	13.75	43194	2221	0.098	0.051 #
2) 1232-2	13.31	14.90	213682	1051	0.166	0.019 #
3) 1232-3	14.44	16.01	39110	903	0.040	0.014 #
4) 1232-4	15.67	18.59	11149	497	0.006	0.030 #
5) 1232-5	17.21	19.34	220910	1153	0.202	0.063 #

 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25038.D 1232508.M Mon Nov 19 16:31:03 2001

Page 1

Quantitation Report

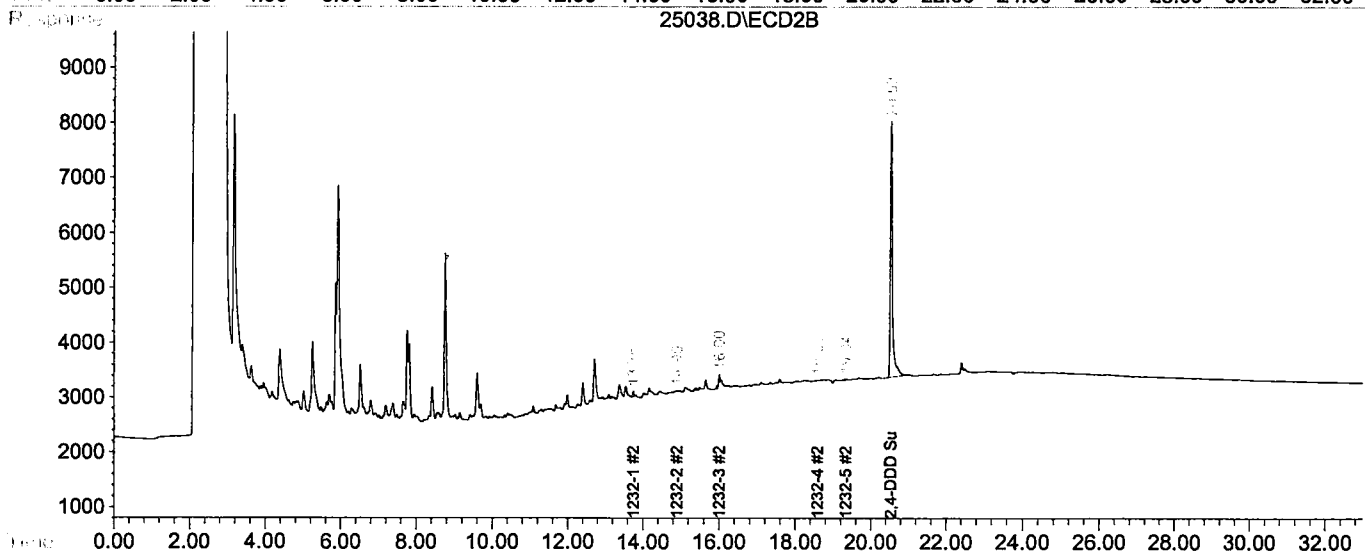
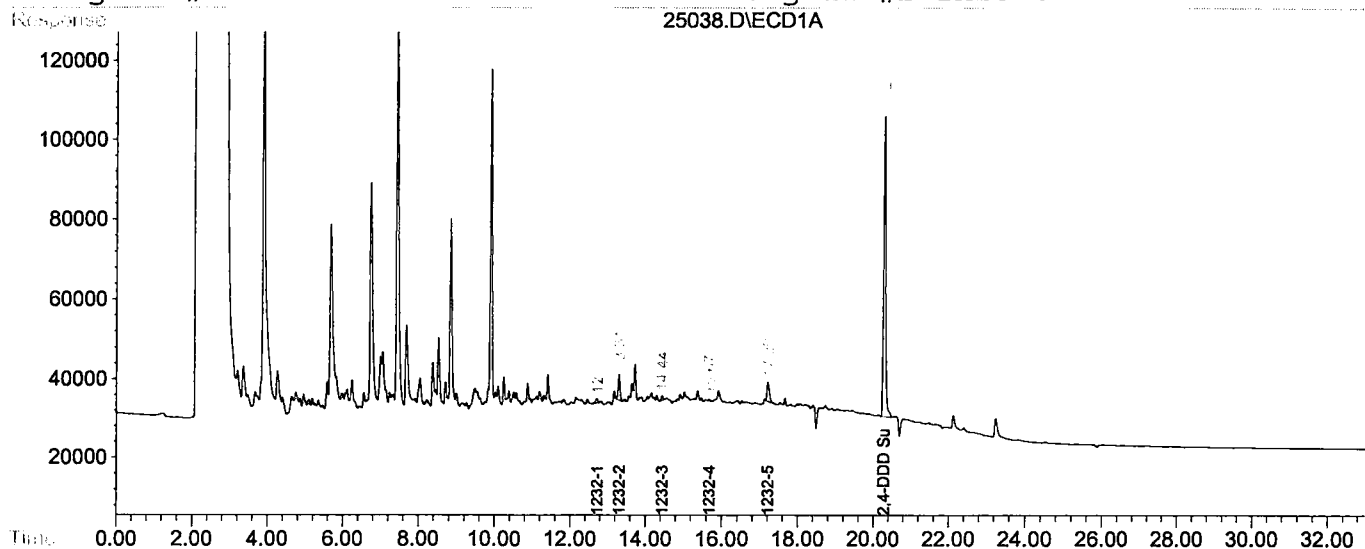
Data File : C:\HPCHEM\1\DATA\111601\25038.D\ECD1A.CH Vial: 47
 Acq On : 18 Nov 2010 7:43 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25038.D\ECD2B.CH Vial: 47
 Acq On : 18 Nov 10 7:43 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 16:30 19101 Quant Results File: 1232508.RES

Quant Method : C:\HPCHEM\1\METHODS\1232508.M (Chemstation Integrator)
 Title : 1232 5/21/01
 Last Update : Mon Nov 19 16:21:23 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



508

QC was already submitted
with Batch 10/19/01
for sampler 25039
25040
25041

Comments for Sample AD25038 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-21-2001 Time: 17:16:11

The breakdown for Endrin in the Breakdown Standard was 24%.

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:53:24

Sample: AD25039
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/19/01 15:50 Ended: 11/16/01 15:50 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		< MDL		0.040
2	Lindane		< MDL		0.030
3	Heptachlor		< MDL		0.020
4	Aldrin		< MDL		0.010
5	Heptachlor Epoxide		< MDL		0.030
6	4,4-DDE		< MDL		0.080
7	Dieldrin		< MDL		0.016
8	Endrin		< MDL		0.020
9	Methoxychlor		< MDL		0.039
10	Chlordane		< MDL		0.40
11	Toxaphene		< MDL		0.40
12	PCB's		< MDL		0.20
13	Surr_2,4-DDD		0.15		

had for
last copy

508
10/19/01

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25039.D\ECD1A.CH Vial: 48
 Acq On : 18 Nov 2010 8:21 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25039.D\ECD2B.CH Vial: 48
 Acq On : 18 Nov 101 8:21 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:13 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
4) S 2,4-DDD Surrogat	20.28	20.53	2526562	147364	0.152	0.179m
Spiked Amount	0.200		Recovery	=	76.00%	89.50%
Target Compounds						
1) Chlordane 1	18.90	15.49	12245	1342	0.014	0.017
2) Chlordane 2	19.28	0.00	649	0	0.000	N.D. #
3) Chlordane 3	19.44	0.00	20321	0	0.005	N.D. #

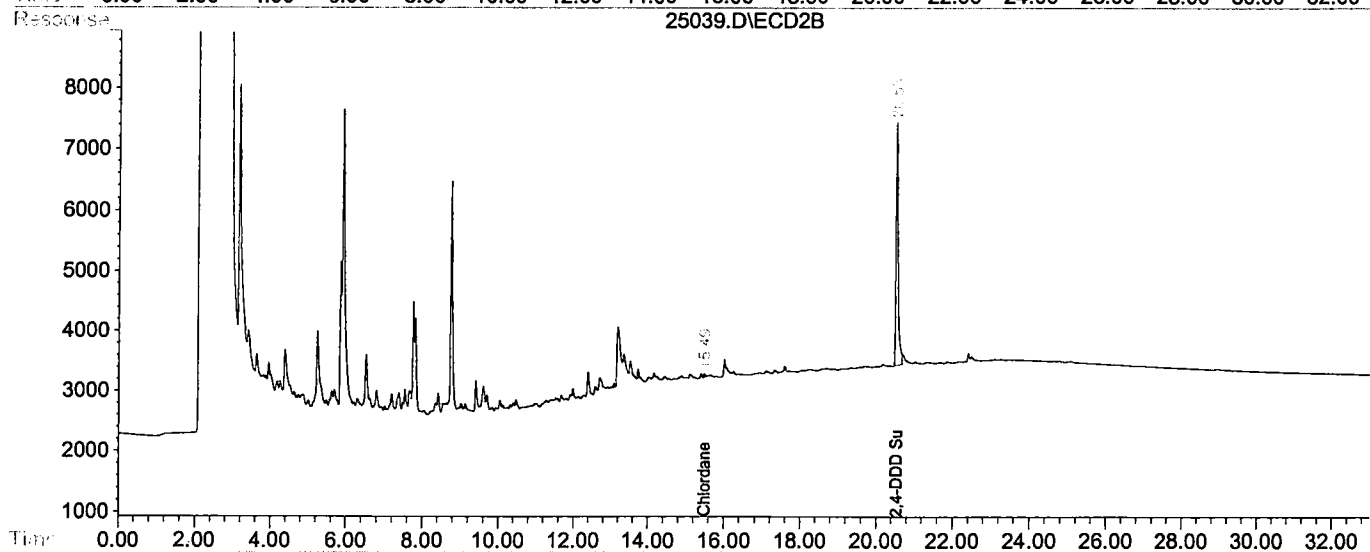
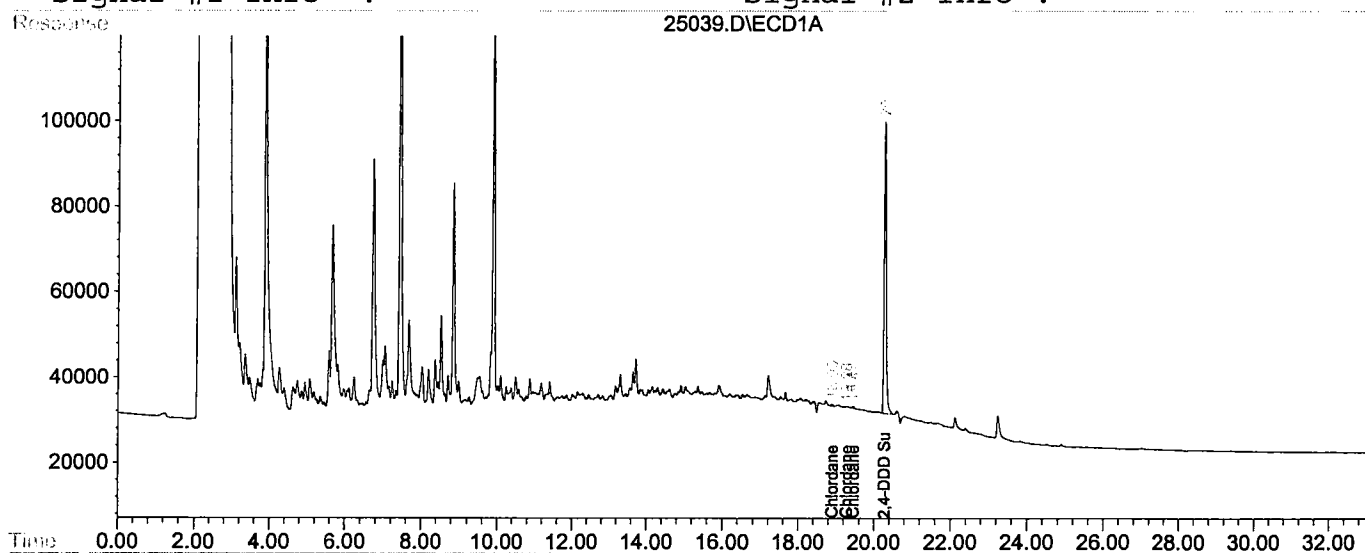
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\25039.D\ECD1A.CH Vial: 48
 Acq On : 18 Nov 2010 8:21 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25039.D\ECD2B.CH Vial: 48
 Acq On : 18 Nov 2010 8:21 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:13 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25039.D\ECD1A.CH Vial: 48
 Acq On : 18 Nov 2010 8:21 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\25039.D\ECD2B.CH Vial: 48
 Acq On : 18 Nov 101 8:21 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E
 Quant Time: Nov 19 13:46 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
----------	------	------	--------	--------	------	------

System Monitoring Compounds

10) S 2,4 DDD Surrogat	20.27	20.53	2565150	147630	0.135m	0.164m
Spiked Amount	0.200		Recovery	=	67.50%	82.00%

Target Compounds

1) Propachlor	13.18	12.59	89872	5663	0.038m	0.043m
2) g-BHC	15.29	15.03	14365	190	0.000	0.000 #
3) Heptachlor	15.82	0.00	4021	0	0.000	N.D. #
4) Aldrin	16.64	16.80	35357	379	0.001	0.000 #
5) Heptachlor Epoxi	18.40	18.20f	93860	153	0.003	0.000 #
6) 4,4-DDE	19.44	20.03	19737	332	0.001	0.000 #
7) Dieldrin	20.04	20.03	2128	332	0.000	0.000 #
8) Endrin	0.00	21.03	0	806	N.D. d	0.001

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25039.D 111901P.M Mon Nov 19 13:46:17 2001

Page 1

Quantitation Report

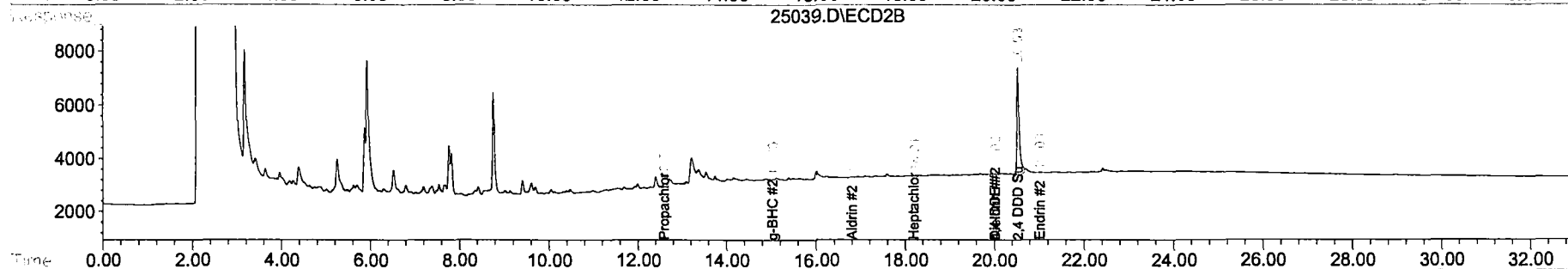
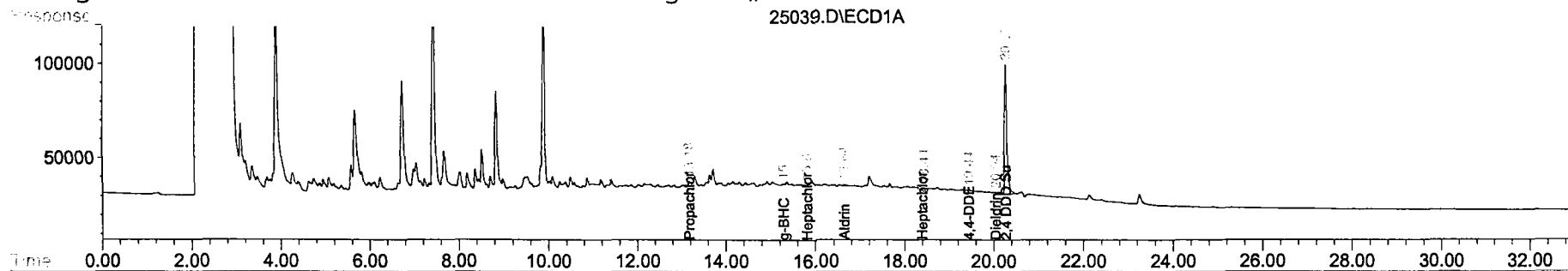
Data File : C:\HPCHEM\1\DATA\111601\25039.D\ECD1A.CH Vial: 48
Acq On : 18 Nov 2010 8:21 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\25039.D\ECD2B.CH Vial: 48
Acq On : 18 Nov 10 8:21 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Nov 19 13:46 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides
Last Update : Sat Nov 17 09:04:43 2001
Response via : Multiple Level Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25039.D\ECD1A.CH Vial: 48
 Acq On : 18 Nov 2010 8:21 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25039.D\ECD2B.CH Vial: 48
 Acq On : 18 Nov 10 8:21 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:38 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
 Title : 508 Toxaphene
 Last Update : Sat Nov 17 11:00:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2

System Monitoring Compounds						
6) S 2,4-DDD Surrogat	20.27	20.53	2537880	147284	0.161m	0.219m#
Spiked Amount	0.200		Recovery	=	80.50%	109.50%
Target Compounds						
1) TOX-1	17.81	0.00	576436	0	5.427	N.D. #

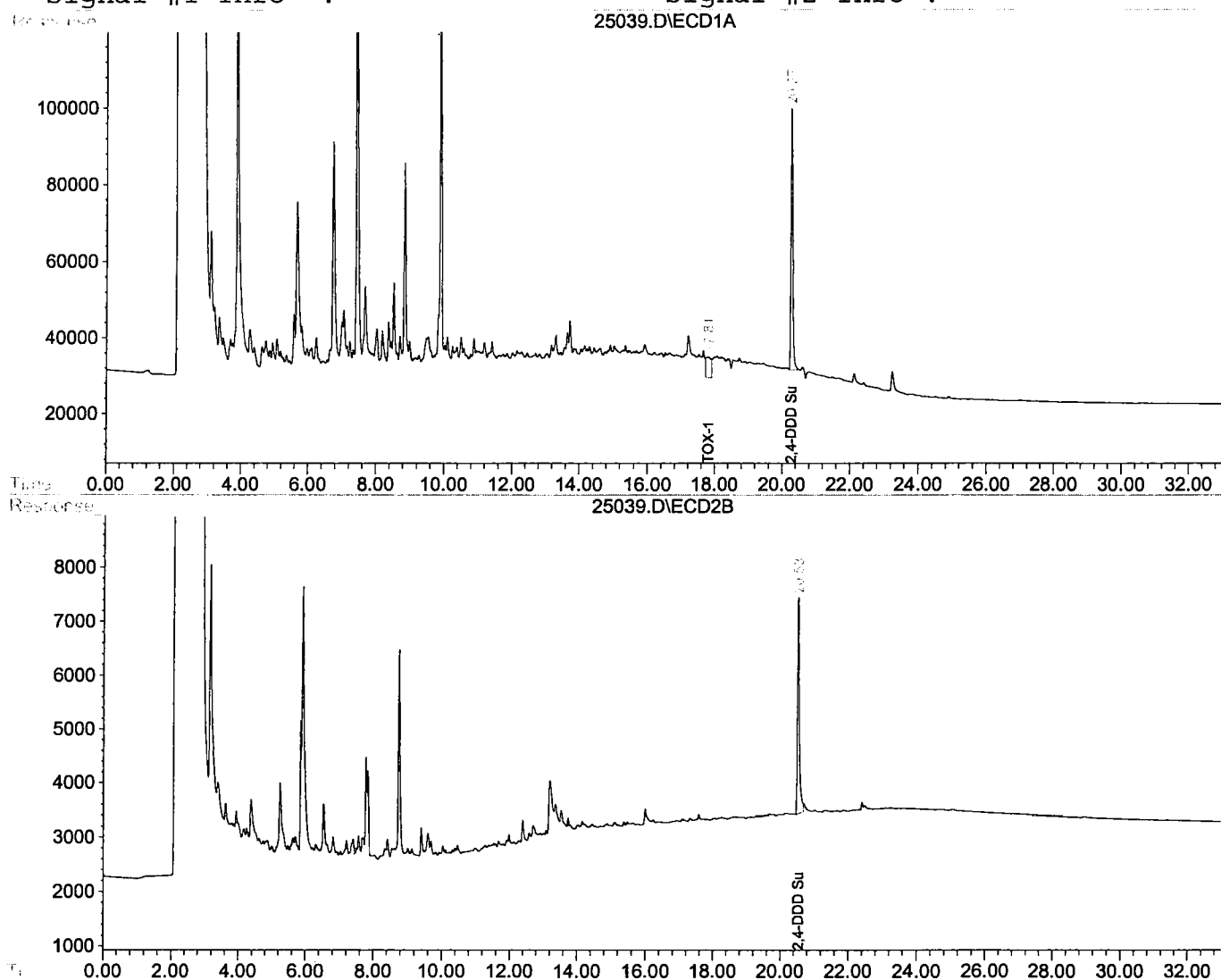
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\25039.D\ECD1A.CH Vial: 48
Acq On : 18 Nov 2010 8:21 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25039.D\ECD2B.CH Vial: 48
Acq On : 18 Nov 2010 8:21 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:38 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
Title : 508 Toxaphene
Last Update : Sat Nov 17 11:00:53 2001
Response via : Multiple Level Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25039.D\ECD1A.CH Vial: 48
 Acq On : 18 Nov 2010 8:21 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25039.D\ECD2B.CH Vial: 48
 Acq On : 18 Nov 101 8:21 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 16:31 19101 Quant Results File: 1232508.RES

Quant Method : C:\HPCHEM\1\METHODS\1232508.M (Chemstation Integrator)
 Title : 1232 5/21/01
 Last Update : Mon Nov 19 16:21:23 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2

System Monitoring Compounds						
6) S 2,4-DDD Surrogat	20.28	20.53	2531790	157777	0.161	0.235 #
Spiked Amount	0.200		Recovery	=	80.50%	117.50%
Target Compounds						
1) 1232-1	12.63	13.75	1735	3398	0.004	0.077 #
2) 1232-2	13.31	14.90	158485	1962	0.123	0.036 #
3) 1232-3	14.44	16.01	43381	11061	0.044	0.169 #
4) 1232-4	15.67	0.00	15612	0	0.009	N.D. #
5) 1232-5	17.21	19.34	220541	604	0.202	0.033 #

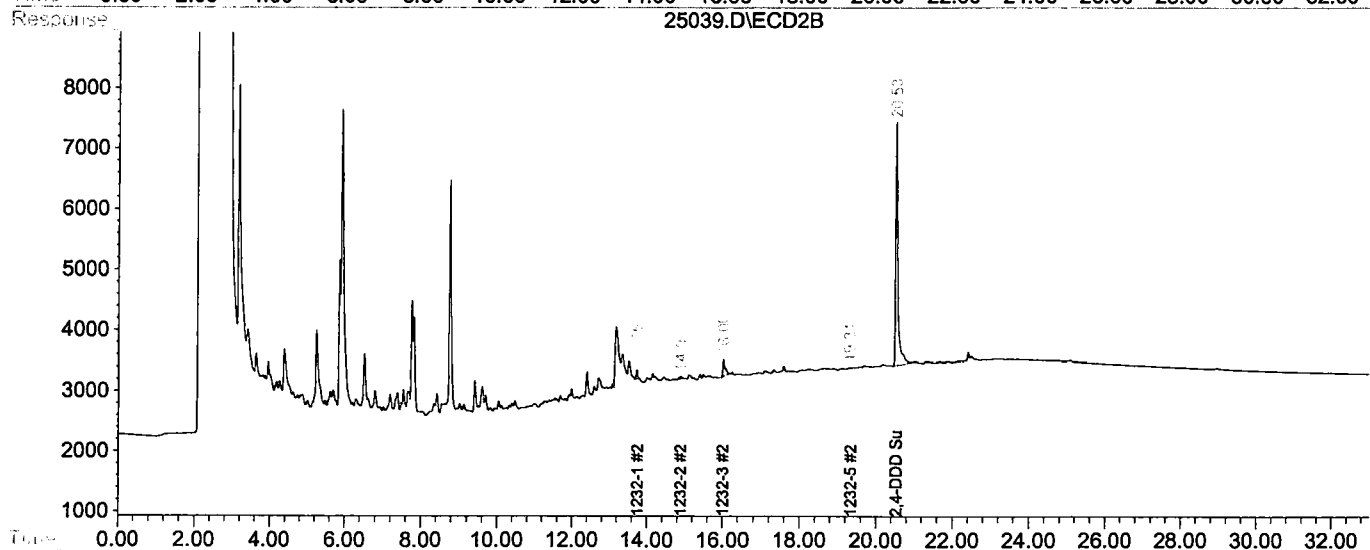
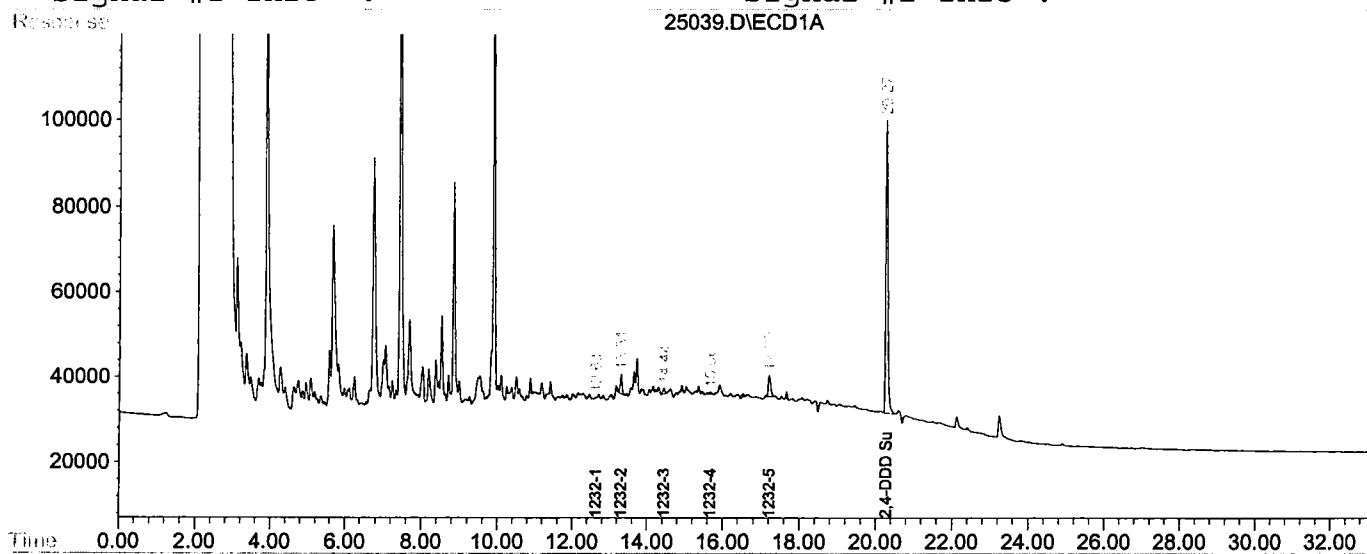
Quantitation Report

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 Acq On : 18 Nov 2010 8:21 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25039.D\ECD2B.CH Vial: 48
 Acq On : 18 Nov 10 8:21 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 16:31 19101 Quant Results File: 1232508.RES

Quant Method : C:\HPCHEM\1\METHODS\1232508.M (Chemstation Integrator)
 Title : 1232 5/21/01
 Last Update : Mon Nov 19 16:21:23 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Comments for Sample AD25039 - Analysis \$508

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 11-21-2001 Time: 17:17:28

The breakdown for Endrin in the Breakdown Standard was 24%.

User: Nefliu, Marcela
 Westchester Dept. of Labs & Research
 Date: 11/21/2001 Time: 15:54:05

Sample: AD25040
 Analysis: \$508 Chlorine Pesticides - 508
 Units: ug
 Started: 10/19/01 15:50 Ended: 11/16/01 15:50 Analyst: MN
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		< MDL		0.040
2	Lindane		< MDL		0.030
3	Heptachlor		< MDL		0.020
4	Aldrin		< MDL		0.010
5	Heptachlor Epoxide		< MDL		0.030
6	4,4-DDE		< MDL		0.080
7	Dieldrin		< MDL		0.016
8	Endrin		< MDL		0.020
9	Methoxychlor		< MDL		0.039
10	Chlordane		< MDL		0.40
11	Toxaphene		< MDL		0.40
12	PCB's		< MDL		0.20
13	Surr_2,4-DDD		0.16		

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25040.D\ECD1A.CH Vial: 49
 Acq On : 18 Nov 2010 8:59 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25040.D\ECD2B.CH Vial: 49
 Acq On : 18 Nov 10 8:59 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:18 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
4) S 2,4-DDD Surrogat	20.27	20.53	2669705	158607	0.161	0.192m
Spiked Amount	0.200		Recovery	=	80.50%	96.00%
Target Compounds						
1) Chlordane 1	18.89	15.49	12529	2439	0.015	0.031 #
2) Chlordane 2	19.29	0.00	16794	0	0.005	N.D. #
3) Chlordane 3	19.44	0.00	44706	0	0.011	N.D. #

 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25040.D 111701C.M Mon Nov 19 14:18:41 2001

Page 1

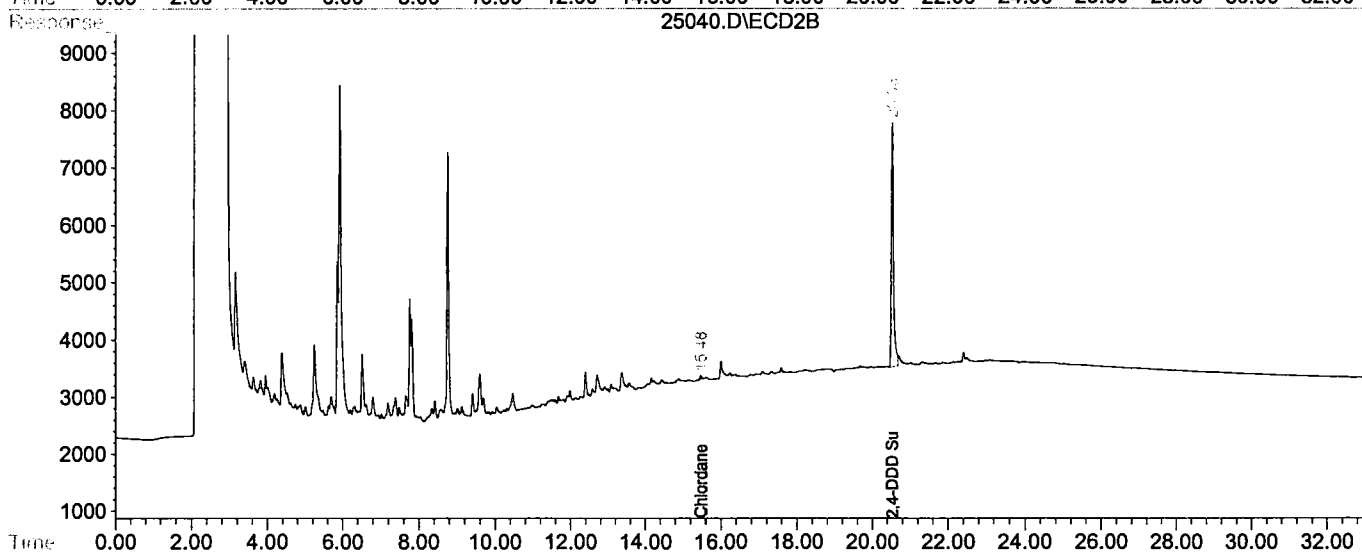
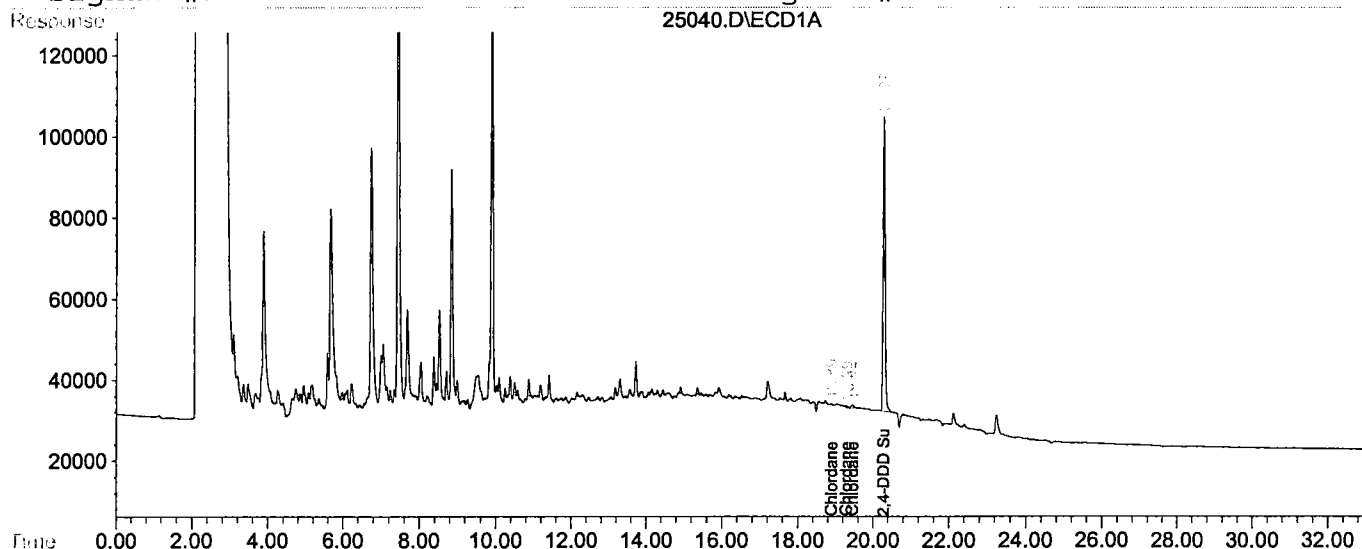
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\25040.D\ECD1A.CH Vial: 49
 Acq On : 18 Nov 2010 8:59 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25040.D\ECD2B.CH Vial: 49
 Acq On : 18 Nov 101 8:59 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:18 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data File : C:\HPCHEM\1\DATA\111601\25040.D\ECD1A.CH Vial: 49
 Acq On : 18 Nov 2010 8:59 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\25040.D\ECD2B.CH Vial: 49
 Acq On : 18 Nov 101 8:59 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E
 Quant Time: Nov 19 13:46 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
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System Monitoring Compounds

10) S	2,4 DDD Surrogat	20.27	20.53	2676656	159368	0.141	0.177m#
	Spiked Amount	0.200		Recovery	=	70.50%	88.50%

Target Compounds

1)	Propachlor	13.17	12.59	89048	3467	0.038m	0.026m#
3)	Heptachlor	15.83	15.91	12853	431	0.000	0.000 #
4)	Aldrin	16.61	16.80	2486	706	0.000	0.000 #
6)	4,4-DDE	19.57	19.97	1089	579	0.000	0.000 #
7)	Dieldrin	19.97	20.19f	314	681	0.000	0.000 #
8)	Endrin	0.00	21.03	0	936	N.D. d	0.001

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25040.D 111901P.M Mon Nov 19 13:47:04 2001

Page 1

Quantitation Report

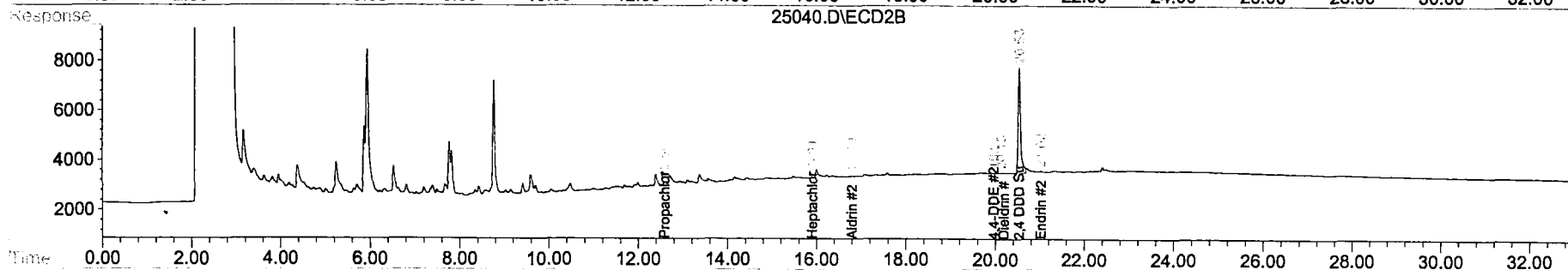
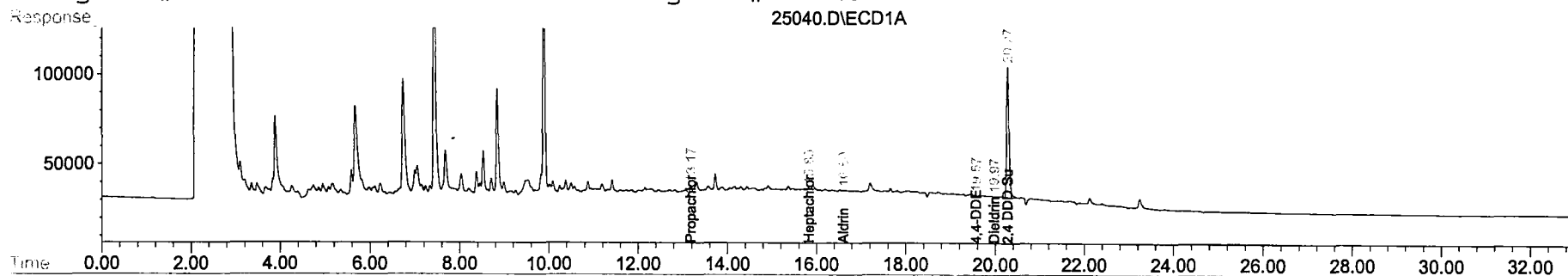
Data File : C:\HPCHEM\1\DATA\111601\25040.D\ECD1A.CH Vial: 49
 Acq On : 18 Nov 20101 8:59 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\25040.D\ECD2B.CH Vial: 49
 Acq On : 18 Nov 101 8:59 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:46 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data File : C:\HPCHEM\1\DATA\111601\25040.D\ECD1A.CH Vial: 49
Acq On : 18 Nov 2010 8:59 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25040.D\ECD2B.CH Vial: 49
Acq On : 18 Nov 10 8:59 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:38 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
Title : 508 Toxaphene
Last Update : Sat Nov 17 11:00:53 2001
Response via : Initial Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2

System Monitoring Compounds						
6) S 2,4-DDD Surrogat	20.27	20.53	2676934	158011	0.170m	0.235m#
Spiked Amount	0.200		Recovery	=	85.00%	117.50%

Target Compounds

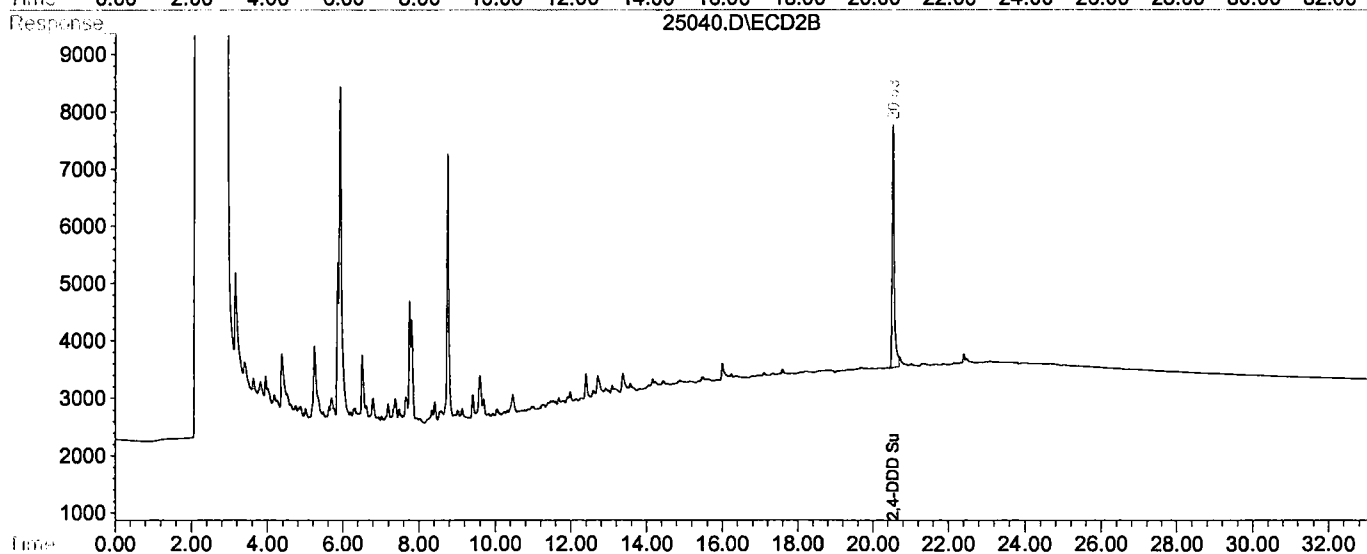
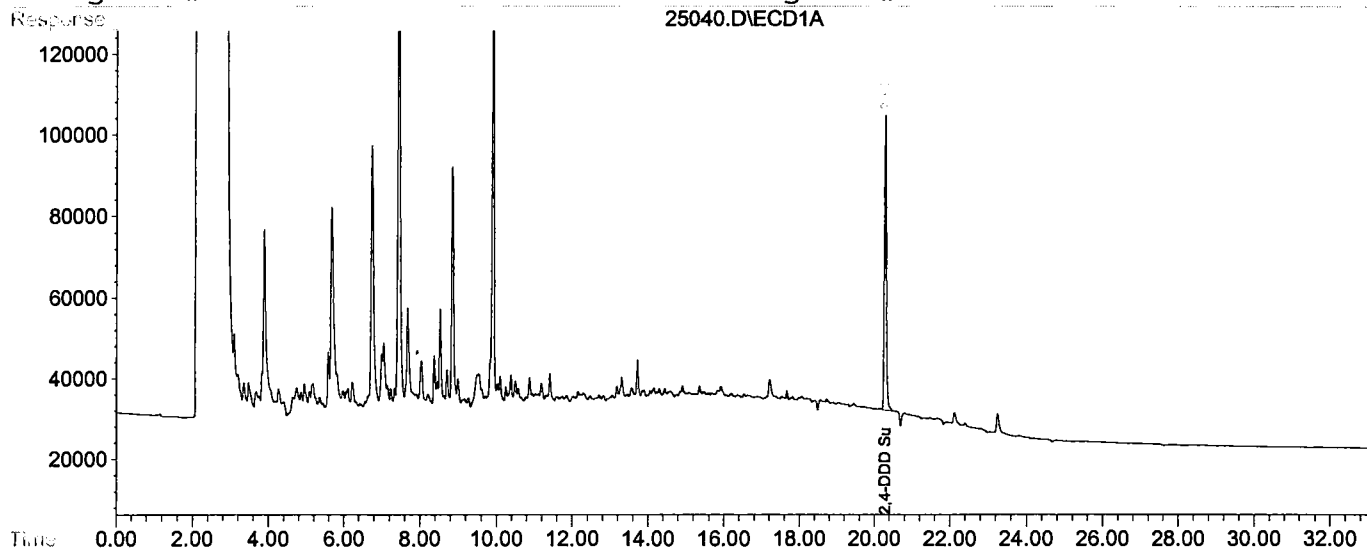
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\25040.D\ECD1A.CH Vial: 49
 Acq On : 18 Nov 2010 8:59 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25040.D\ECD2B.CH Vial: 49
 Acq On : 18 Nov 10 8:59 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:38 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
 Title : 508 Toxaphene
 Last Update : Sat Nov 17 11:00:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25040.D\ECD1A.CH Vial: 49
 Acq On : 18 Nov 2010 8:59 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25040.D\ECD2B.CH Vial: 49
 Acq On : 18 Nov 10 8:59 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 16:31 19101 Quant Results File: 1232508.RES

Quant Method : C:\HPCHEM\1\METHODS\1232508.M (Chemstation Integrator)
 Title : 1232 5/21/01
 Last Update : Mon Nov 19 16:21:23 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2

System Monitoring Compounds						
6) S 2,4-DDD Surrogat	20.27	20.53	2676656	146257	0.170	0.218 #
Spiked Amount	0.200		Recovery	=	85.00%	109.00%
Target Compounds						
1) 1232-1	12.62	13.82	1899	1089	0.004	0.025 #
2) 1232-2	13.31	14.90	155294	1805	0.121	0.033 #
3) 1232-3	14.44	16.00	45862	9292	0.046	0.142 #
4) 1232-4	15.67	18.58	18124	735	0.010	0.045 #
5) 1232-5	17.20	19.33	186666	1022	0.171	0.056 #

 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25040.D 1232508.M Mon Nov 19 16:31:55 2001

Page 1

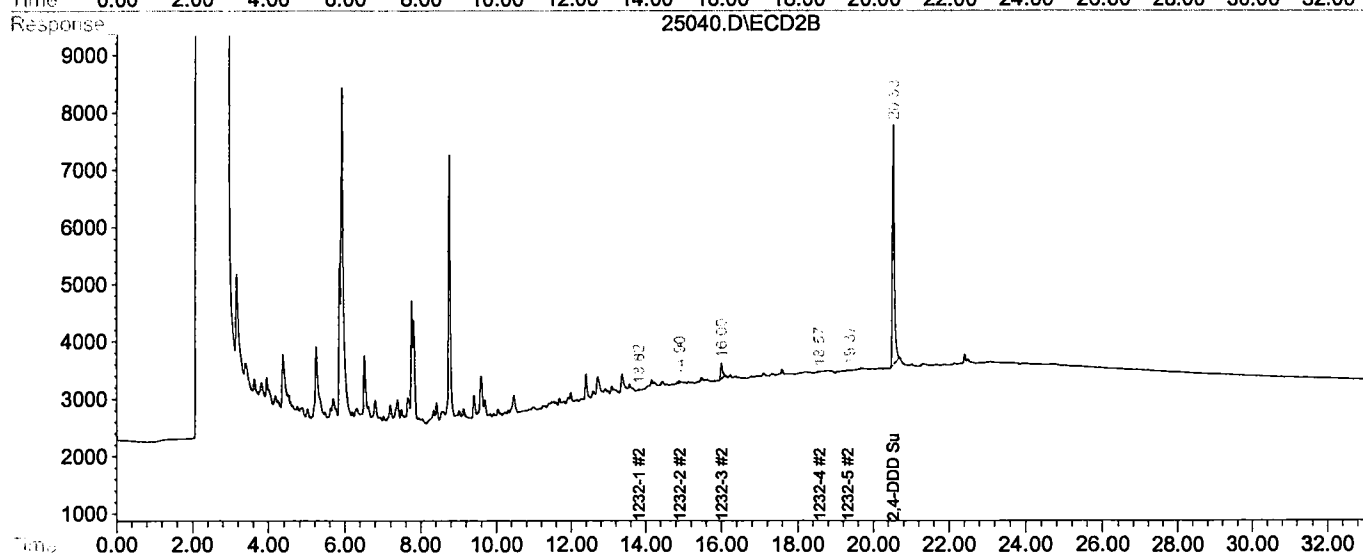
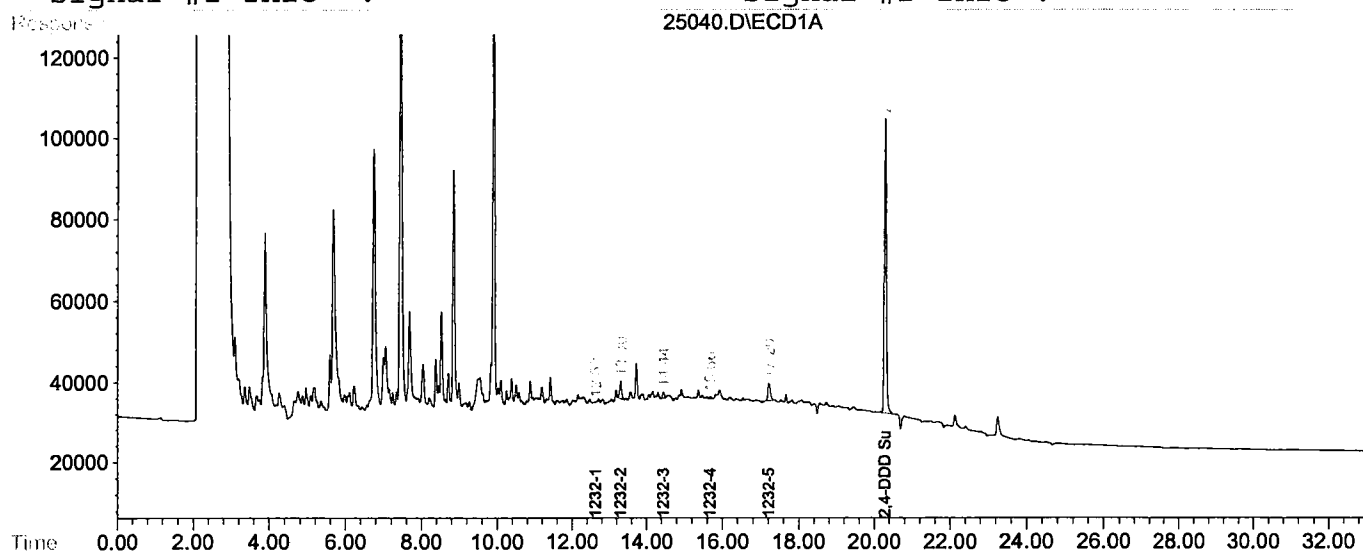
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\25040.D\ECD1A.CH Vial: 49
 Acq On : 18 Nov 2010 8:59 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25040.D\ECD2B.CH Vial: 49
 Acq On : 18 Nov 10 8:59 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 16:31 19101 Quant Results File: 1232508.RES

Quant Method : C:\HPCHEM\1\METHODS\1232508.M (Chemstation Integrator)
 Title : 1232 5/21/01
 Last Update : Mon Nov 19 16:21:23 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :
 Signal #2 Phase :
 Signal #2 Info :



Comments for Sample AD25040 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-21-2001 Time: 17:07:08

The breakdown for Endrin in the Breakdown Standard was 24%.

User: Nefiu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 15:54:28

Sample: AD25041
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/19/01 15:50 Ended: 11/16/01 15:50 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		< MDL		0.040
2	Lindane		< MDL		0.030
3	Heptachlor		< MDL		0.020
4	Aldrin		< MDL		0.010
5	Heptachlor Epoxide		< MDL		0.030
6	4,4-DDE		< MDL		0.080
7	Dieldrin		< MDL		0.016
8	Endrin		< MDL		0.020
9	Methoxychlor		< MDL		0.039
10	Chlordane		< MDL		0.40
11	Toxaphene		< MDL		0.40
12	PCB's		< MDL		0.20
13	Surr_2,4-DDD		0.17		

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25041.D\ECD1A.CH Vial: 50
 Acq On : 18 Nov 2010 9:36 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25041.D\ECD2B.CH Vial: 50
 Acq On : 18 Nov 101 9:36 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:23 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
 Title : 508 CHLORDANE
 Last Update : Sat Nov 17 11:19:53 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
----------	------	------	--------	--------	------	------

System Monitoring Compounds

4) S	2,4-DDD Surrogat	20.27	20.52	2763126	165261	0.166	0.200m
	Spiked Amount	0.200		Recovery	=	83.00%	100.00%

Target Compounds

1)	Chlordane 1	18.88	15.14f	5988	1552	0.007	0.020 #
2)	Chlordane 2	19.25	0.00	148	0	0.000	N.D. #
3)	Chlordane 3	19.44	0.00	45786	0	0.011	N.D. #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25041.D 111701C.M Mon Nov 19 14:23:23 2001

Page 1

Quantitation Report

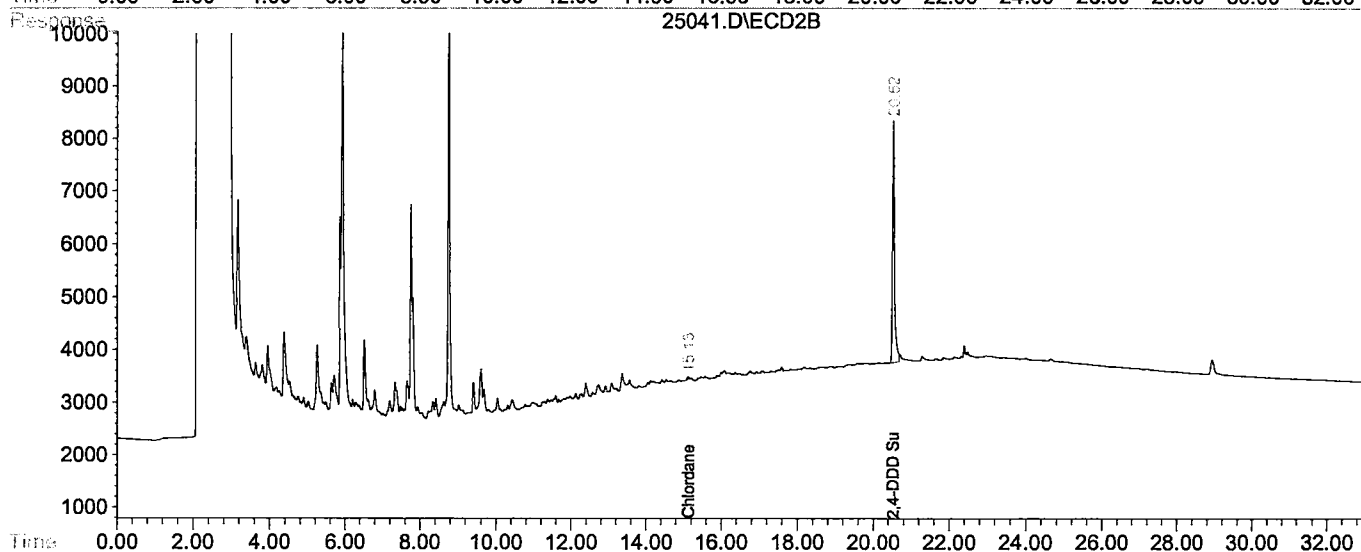
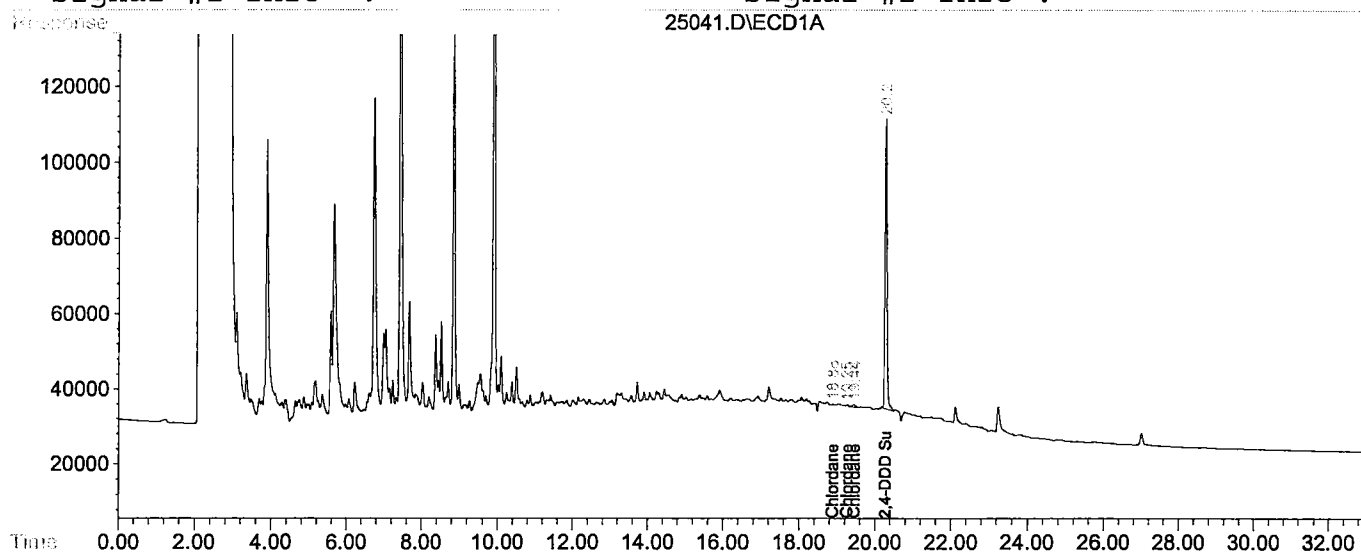
Data File : C:\HPCHEM\1\DATA\111601\25041.D\ECD1A.CH Vial: 50
Acq On : 18 Nov 2010 9:36 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25041.D\ECD2B.CH Vial: 50
Acq On : 18 Nov 2010 9:36 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:23 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\111701C.M (Chemstation Integrator)
Title : 508 CHLORDANE
Last Update : Sat Nov 17 11:19:53 2001
Response via : Multiple Level Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\25041.D\ECD1A.CH Vial: 50
 Acq On : 18 Nov 2010 9:36 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\25041.D\ECD2B.CH Vial: 50
 Acq On : 18 Nov 101 9:36 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:49 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Sat Nov 17 09:04:43 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
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System Monitoring Compounds

10) S	2,4 DDD Surrogat	20.27	20.52	2812002	164665	0.148m	0.183m
	Spiked Amount	0.200		Recovery	=	74.00%	91.50%

Target Compounds

1)	Propachlor	13.19	12.58	124587	2210	0.053m	0.017m#
2)	g-BHC	15.27	14.95	12678	255	0.000	0.000 #
5)	Heptachlor Epoxi	18.40	18.34	1882	600	0.000	0.000 #
6)	4,4-DDE	19.55	19.96	882	475	0.000	0.000 #
7)	Dieldrin	20.03	20.15	6446	1621	0.000	0.001 #
8)	Endrin	20.53	0.00	5041	0	0.000	N.D. #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25041.D 111901P.M Mon Nov 19 13:49:33 2001

Page 1

Quantitation Report

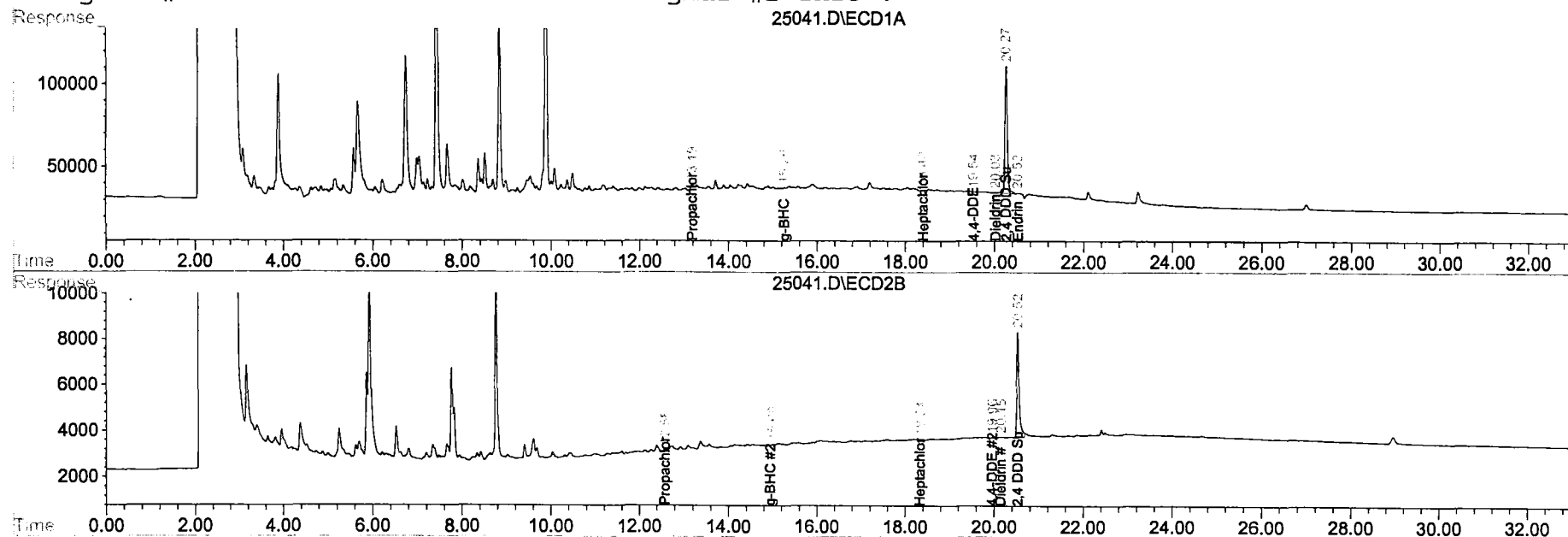
Data File : C:\HPCHEM\1\DATA\111601\25041.D\ECD1A.CH Vial: 50
Acq On : 18 Nov 2010 9:36 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\25041.D\ECD2B.CH Vial: 50
Acq On : 18 Nov 101 9:36 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Nov 19 13:49 19101 Quant Results File: 111901P.RES

Quant Method : C:\HPCHEM\1\METHODS\111901P.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides
Last Update : Sat Nov 17 09:04:43 2001
Response via : Multiple Level Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data File : C:\HPCHEM\1\DATA\111601\25041.D\ECD1A.CH Vial: 50
Acq On : 18 Nov 2010 9:36 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25041.D\ECD2B.CH Vial: 50
Acq On : 18 Nov 101 9:36 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:39 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
Title : 508 Toxaphene
Last Update : Sat Nov 17 11:00:53 2001
Response via : Initial Calibration
DataAcq Meth : PESTPCB.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2

System Monitoring Compounds						
6) S 2,4-DDD Surrogat	20.27	20.52	2807787	164179	0.178m	0.244m#
Spiked Amount	0.200		Recovery	=	89.00%	122.00%

Target Compounds							
1)	TOX-1	17.81	0.00	652469	0	6.142	N.D. #
2)	TOX-2	21.03	0.00	84462	0	0.449	N.D. #
3)	TOX-3	21.20f	0.00	30565	0	0.128	N.D. #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25041.D 111701T.M Mon Nov 19 14:39:41 2001

Page 1

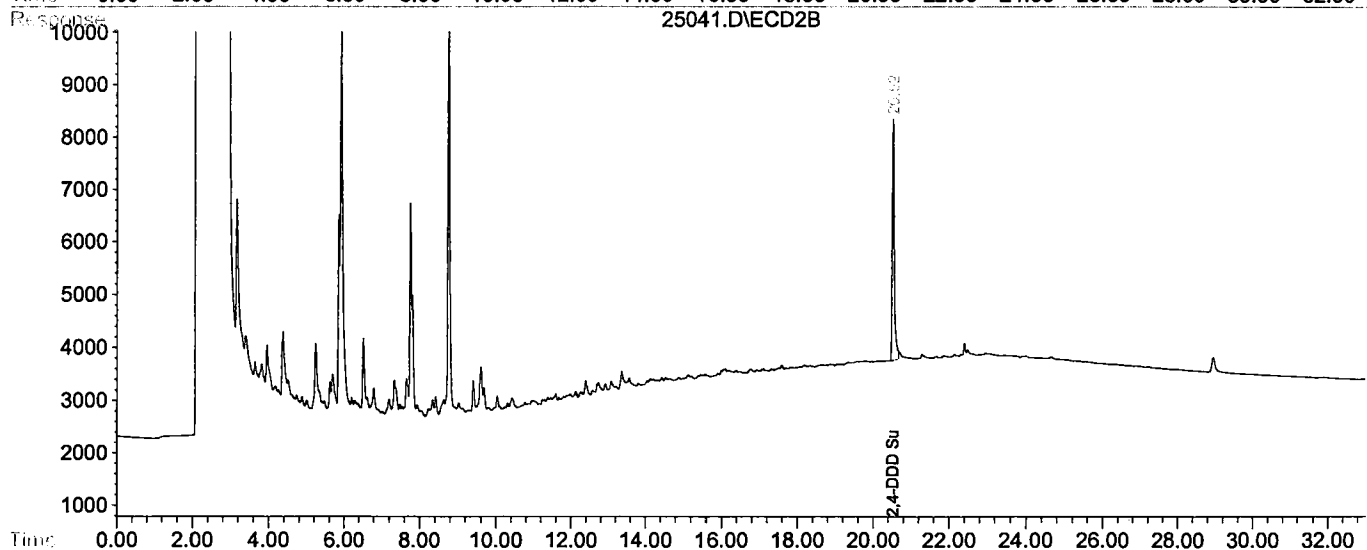
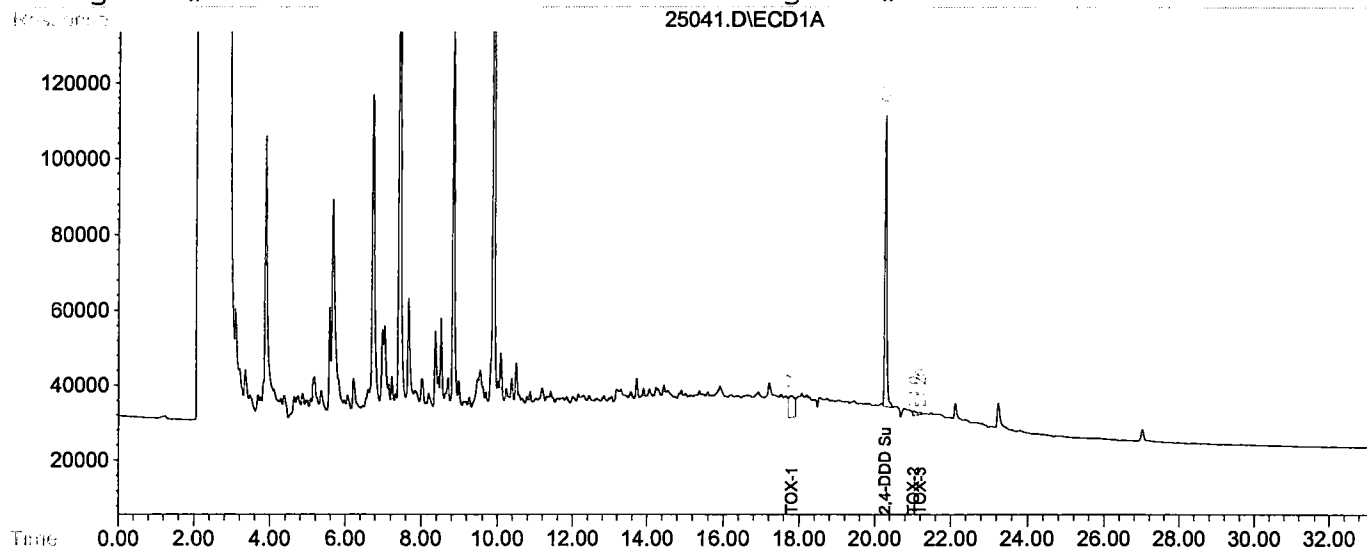
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\25041.D\ECD1A.CH Vial: 50
 Acq On : 18 Nov 2010 9:36 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25041.D\ECD2B.CH Vial: 50
 Acq On : 18 Nov 101 9:36 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:39 19101 Quant Results File: 111701T.RES

Quant Method : C:\HPCHEM\1\METHODS\111701T.M (Chemstation Integrator)
 Title : 508 Toxaphene
 Last Update : Sat Nov 17 11:00:53 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data File : C:\HPCHEM\1\DATA\111601\25041.D\ECD1A.CH Vial: 50
 Acq On : 18 Nov 2010 9:36 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25041.D\ECD2B.CH Vial: 50
 Acq On : 18 Nov 10 9:36 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 16:32 19101 Quant Results File: 1232508.RES

Quant Method : C:\HPCHEM\1\METHODS\1232508.M (Chemstation Integrator)
 Title : 1232 5/21/01
 Last Update : Mon Nov 19 16:21:23 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
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System Monitoring Compounds

6) S 2,4-DDD Surrogat	20.27	20.53	2764100	168914	0.175	0.251 #
Spiked Amount	0.200		Recovery	=	87.50%	125.50%

Target Compounds

1) 1232-1	12.64	13.81	19221	1564	0.043	0.036
2) 1232-2	13.30	15.00	18365	252	0.014	0.005 #
3) 1232-3	14.44	16.00	67425	634	0.068	0.010 #
4) 1232-4	15.69	18.34	11293	600	0.006	0.036 #
5) 1232-5	17.20	19.31	159423	661	0.146	0.036 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

25041.D 1232508.M Mon Nov 19 16:32:25 2001

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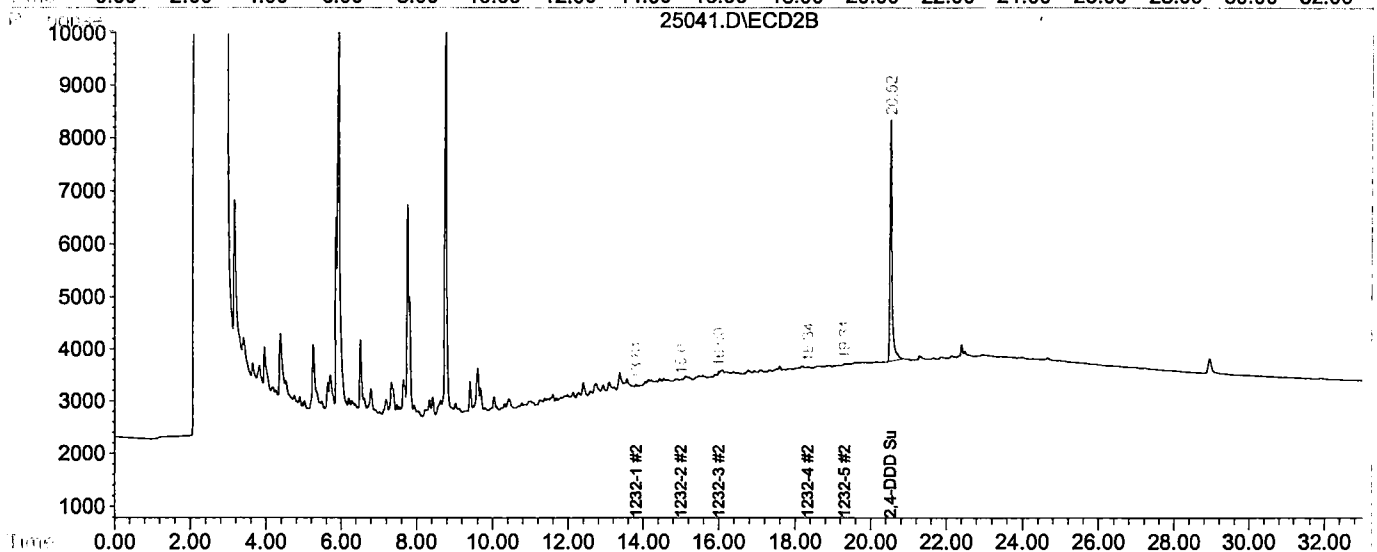
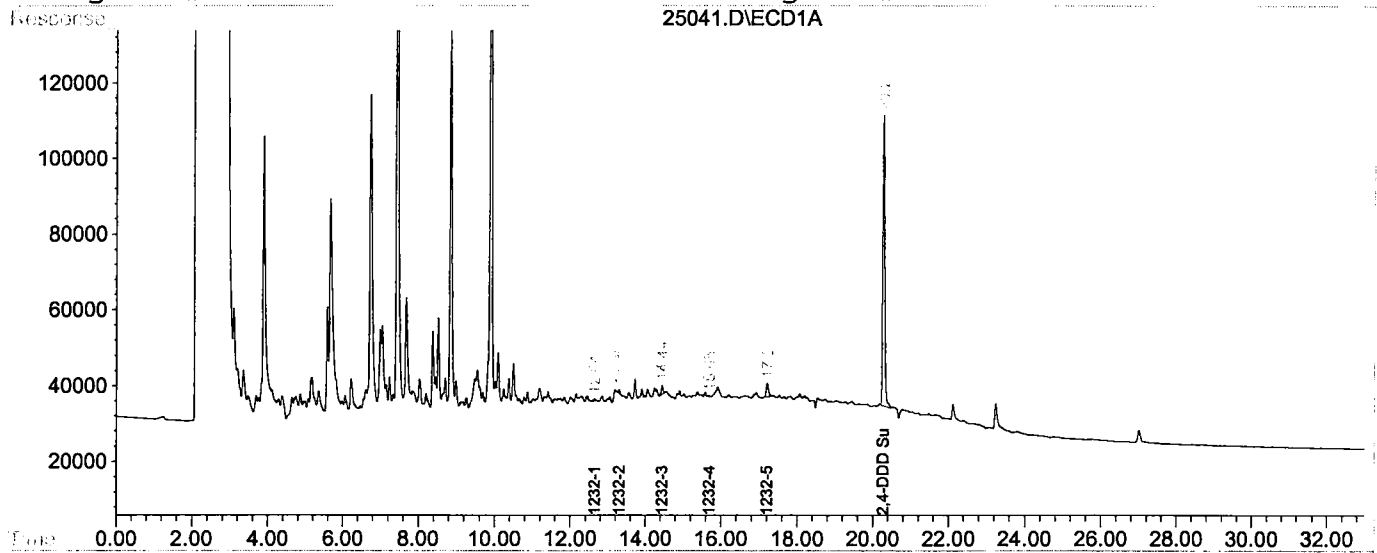
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\25041.D\ECD1A.CH Vial: 50
 Acq On : 18 Nov 2010 9:36 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\25041.D\ECD2B.CH Vial: 50
 Acq On : 18 Nov 101 9:36 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 16:32 19101 Quant Results File: 1232508.RES

Quant Method : C:\HPCHEM\1\METHODS\1232508.M (Chemstation Integrator)
 Title : 1232 5/21/01
 Last Update : Mon Nov 19 16:21:23 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Comments for Sample AD25041 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L.

Date: 11-21-2001 Time: 17:09:38

The breakdown for Endrin in the Breakdown Standard was 24%.