

Method 508Date Extracted 10/17/01Page 34

Lab #	Description	Sample	Drip rate	Surr	Spk	IS	Final	T.V.	pH	Count							
		vol/wt	ml/min	add	add	add	vol.	pos.	=7								
	Lab 66h	500ml	—	1ml	—	—	2ml										
	Reference peak																
	MDL 206																
	PRE 1232																
	24696									4							
	24697									5							
	24698									6							
	24699									7							
	24700									8							
	24730									9							
	24731									10							
	24732									11							
	24816									12							
	24822									13							
	24824									14							
	24872									15							
	24873									16							
	24874									17							
	24875									18							
	24876									19							
	24877									20							
	24878																
	24879																
Remarks																	
dp/spdrip - still using 20 ml																	
Reviewed by: <u>SPS 11/11/02</u>																	
drip rate must be between 5-15 ml/min for liq-liq extractors																	
drip rate -																	
Extraction type -		Solv. lot#		NaCl lot#		Na2SO4 lot#											
				12617		8064 v32603											
STANDARD	INT STD LOG#																
CALIBRATION																	
REF/SPIKE	peak 20620	PRE 1232 1502															
MDL/MDRF																	
Q. CHECK																	
INT. STD.																	
SURROGATE	20640																
LPC																	
ENDRIN/DDT																	

Analyst AD/CM
revision 4/12/01

Verified by _____

Reviewed by SPS
Date 11/28/01

Sequence Name: C:\HPCHEM\1\SEQUENCE\508\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	11/16 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 tox
24	Sample	24	REF2T	PESTPCB	11/9 ref chl-pest tox
25	Sample	25	REF3T	PESTPCB	11/14 ref chl-pest tox
26	Sample	26	REF4T	PESTPCB	11/15 ref chl-pest tox
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 1232 c2
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: Mon Nov 19 08:01:28 2001

Page: 1

43 Sample

27 1017REF2 PESTPCB 10/17 ref pest

Sequence Name: C:\HPCHEM\1\SEQUENCE\508\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 <i>child day</i>
70	Sample	54	25040SDP	PESTPCB	spike dupe pest <i>child day</i>
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

Method 608 8081 Pest PCB TCLP

508 Pest

File Directory C:\HPChem\105\Data\508

Storage Directory M:\Instruments\105\Data\508

Instrument 105

~~1116 01~~

1116 01

Lab #	Filename	Description	Vial #		Inj.	Calibration	Standards Used - Lot #		Remarks	Initials
			front	rear			Reference	Surrogate		
	100.	hex.	1		1					MM
	1116END	endrin decomp.	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			} inst. cal chlordane	
	↓ 2	↓ 2	7							
	↓ 3	↓ 3	8							
	chl UR	chl unvent'd ref	9				1993 a			
	tox C1	toxaphene ic1	10			1809 a/20646			} inst. cal toxaphene	
	↓ 2	↓ 2	11							
	↓ 3	↓ 3	12							
	TOX UR	tox. unvent'd ref	13				1992 a			
	pest C1	pest. ic1	14			1968 d/20646			} inst. cal pest	
	↓ 2	↓ 2	15							
	↓ 3	↓ 3	16							
	Pest UR	pest unvent'd ref	17				2062 C			
	10172B	lab blk	18					2064 C		
	Ref 1CP	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						** ** ** 100% toxaphene	
	Ref 3T	11/14 ref tox.	25							
	Ref 4T	11/15 ref tox.	26							
	1817 ref	1817 ref pest	27				20626			
	2469b	sample	28							

Date 11/16/01

Extraction date 10/17, 19/01

Page 67

**-wrt page

cont. next page

Method 608 8081 Pest PCB TCLP 508 Pest
Instrument 105

File Directory C:\HPChem\105\Data\ 508
11/16/01

Storage 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		MW
	Ry 5CP	11/13 Ry chl pest	58				1993/20626		*	
	Ry 5T	11/16 Ry box	59				1992		**	
	24698	Sample	30							
	Ry 6P	11/5 Ry pest	60				20626			
	Ry 6C	11/5 Ry chl	61				1993		+	
	Ry 7C	11/01 Ry chl	62				1993		+	
	Ry 8C	10/30 Ry chl	69				1993		+	
	Ry 9CP	11/16 Ry chl pest	75				1993/20626			
	12322	12322 CZ	9			1921				
	2 pest 01	pest ic 1	63			1968d/20646			} second init. cal pest (medium didn't pass)	
	↓ 2	↓ 2	64							
	↓ 3	↓ 3	65							
	2 pest VR	pest untreated	66				2062C			
	1017 Ry 2	10/17 Ry pest	27				20626	2064C	} IDCs pest.	
	Ry 7B	11/5 Ry pest	60							
	Ry 8P	11/01 Ry pest	67							
	Ry 9P	11/01 Ry pest	68							
	24699	Sample	31							
	24700		32							
	24730		33							
	24731		34							
	24732		35							
	24872		36							
	24873		37							
	24874		38							
	24875		39							
	24876		40							

Date 11/16/01 cont. next page

Extraction date 10/17, 19/01

Page 608

Method 608 8081 Pest PCB TCLP 508 Pest
Instrument 105

File Directory C:\HPChem\1\105\11601
11/6/01

Storage Directory M:\Instruments\105\11601
11/6/01

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							
	25032		46							
	25039		47							
	25040		48							
	25041		49							
	2705C2	ten cov	50			18099/20646				
	3PestC2	pest cov	51			19628/20646				
	25040SP	spike chloroform	52				1993	2064C		
	25040SP	spike dupl chl	53				1993			
	2ChlC2	1 chloroform cov	54			1868/20646				
	1016C2	1016C2	55			1919				
	1221C2	1221C2	56			1920				
	1242C2	1242C2	57			1922				
	1254C2	1254C2	58			1924				
	1260C2	1260C2	59			1925a				
	PRL123L	PRL1232	60				1502	2064C		
	PRL124L	PRL1248	61				1504a			

Date 11/16/01

Extraction date 10/17, 19/01

Page 69

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

Sample: AD24696
Analysis: \$ED508 Organochlorine Pesticides
Units: ug
Started: 10/17/01 16:02 Ended: 11/16/01 16:02 Analyst: MN
Result source: manual entry
Page: 1

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

- commented

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 2010 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%

Quantitation Report

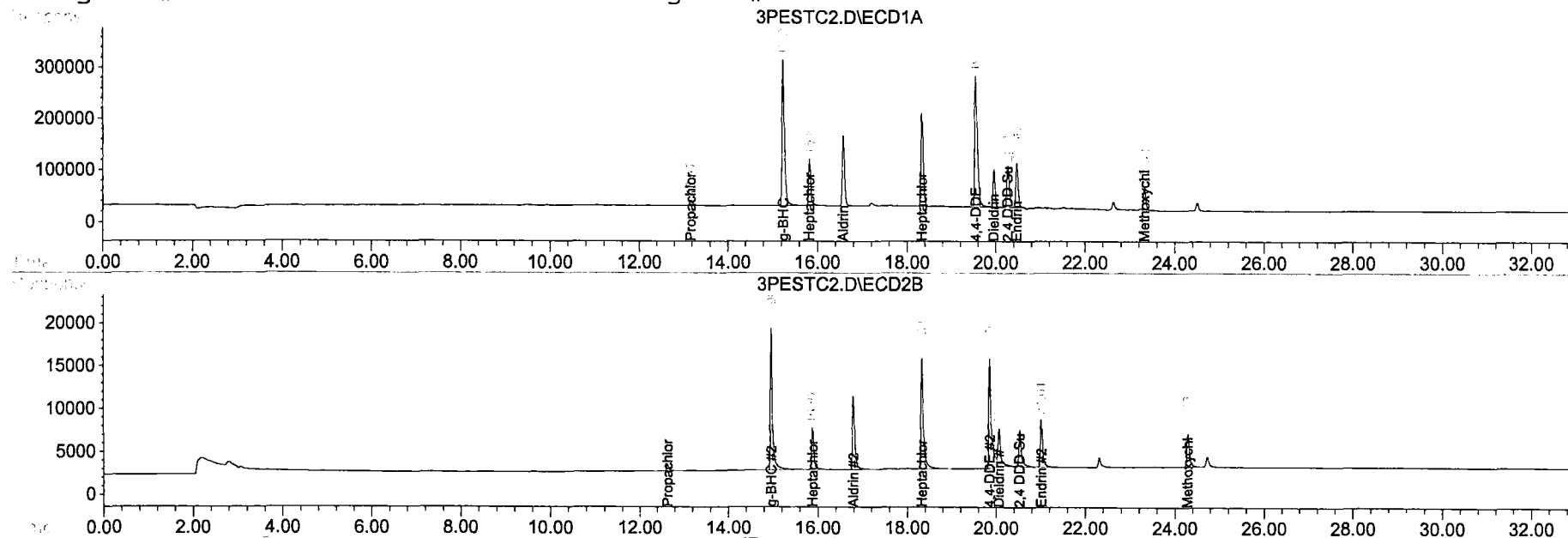
Data File : C:\HPCHEM\1\DATA\508\111601\3PESTC2.D\ECD1A.CH Vial: 52
 Acq On : 18 Nov 2010 10:52 am Operator: Nefliu
 Sample : pest ccv Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

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

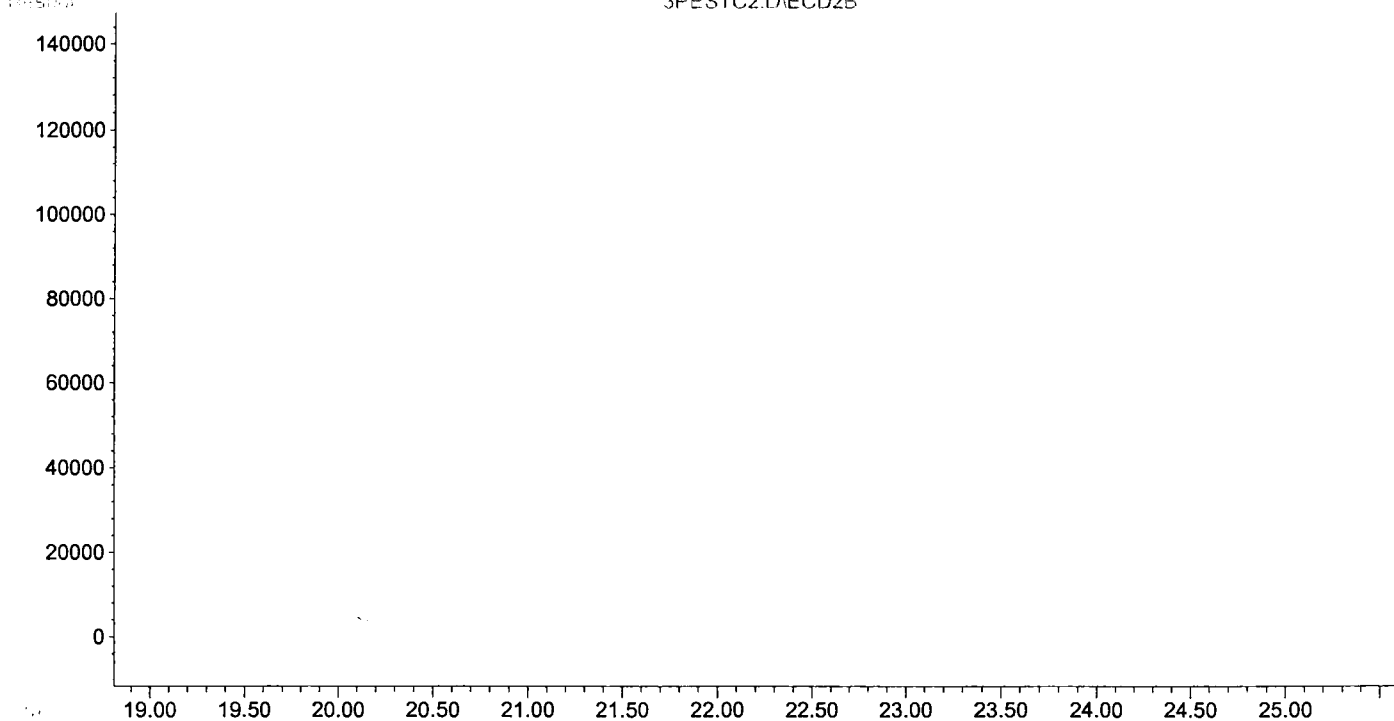
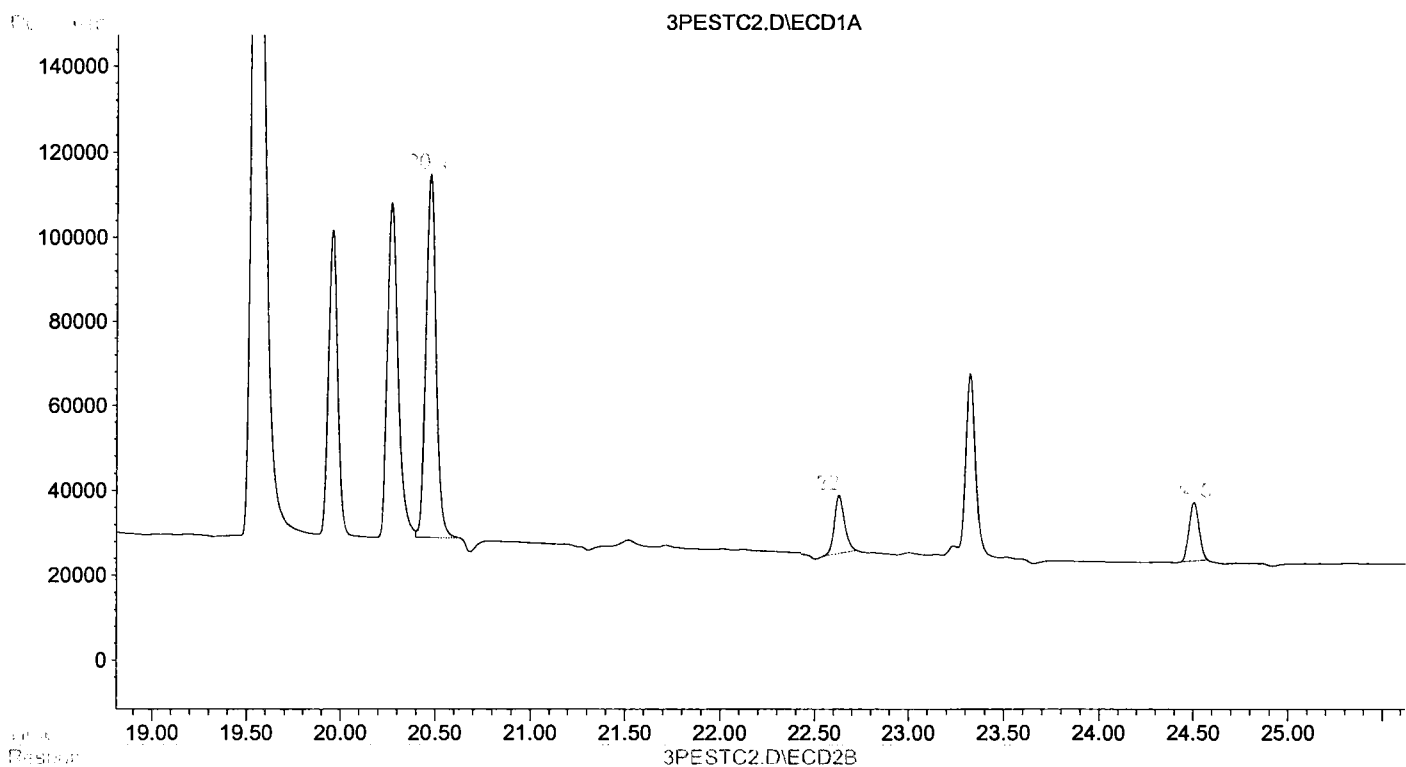
Quant Time: Nov 19 13:50 19101 Quant Results File: 111901P.RES

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 :



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



Area Percent 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

Method : C:\HPCHEM\1\METHODS\P112001.M (Chemstation Integrator)
 Title : nonpotable pesticides MAY 22 2001

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	20.470	20.398	20.622	M	85932	3144760	100.00%	75.501%
2	22.628	22.554	22.721	M	13482	505937	16.09%	12.147%
3	24.501	24.441	24.576	M	13848	514484	16.36%	12.352%

Sum of corrected areas: 4165181

Signal #2 3PESTC2.D\ECD2B

Sum of corrected areas: 0

3PESTC2.D P112001.M Wed Nov 21 11:09:46 2001

1020421
 4165181
 24%

User: Nefiu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 13:35:23

Sample: AD24696
Analysis: \$B1508 Organochlorine Pesticides Lab Blank
Units: ug
Started: 10/17/01 16:02 Ended: 11/16/01 16:02 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)

Data File : C:\HPCHEM\1\DATA\111601\1017LB.D\ECD1A.CH Vial: 18
Acq On : 17 Nov 2010 2:50 am Operator: Nefliu
Sample : 10/17 lab blk Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\1017LB.D\ECD2B.CH Vial: 18
Acq On : 17 Nov 10 2:50 am Operator: Nefliu
Sample : 10/17 lab blk Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:00 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	20.33	20.59	3456110	183939	0.208	0.223
Spiked Amount	0.200		Recovery	=	104.00%	111.50%
Target Compounds						
2) Chlordane 2	19.30	0.00	1964	0	0.001	N.D. #
3) Chlordane 3	19.30	0.00	1964	0	0.000	N.D. #

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

1017LB.D 111701C.M Mon Nov 19 14:00:31 2001

Page 1

Quantitation Report

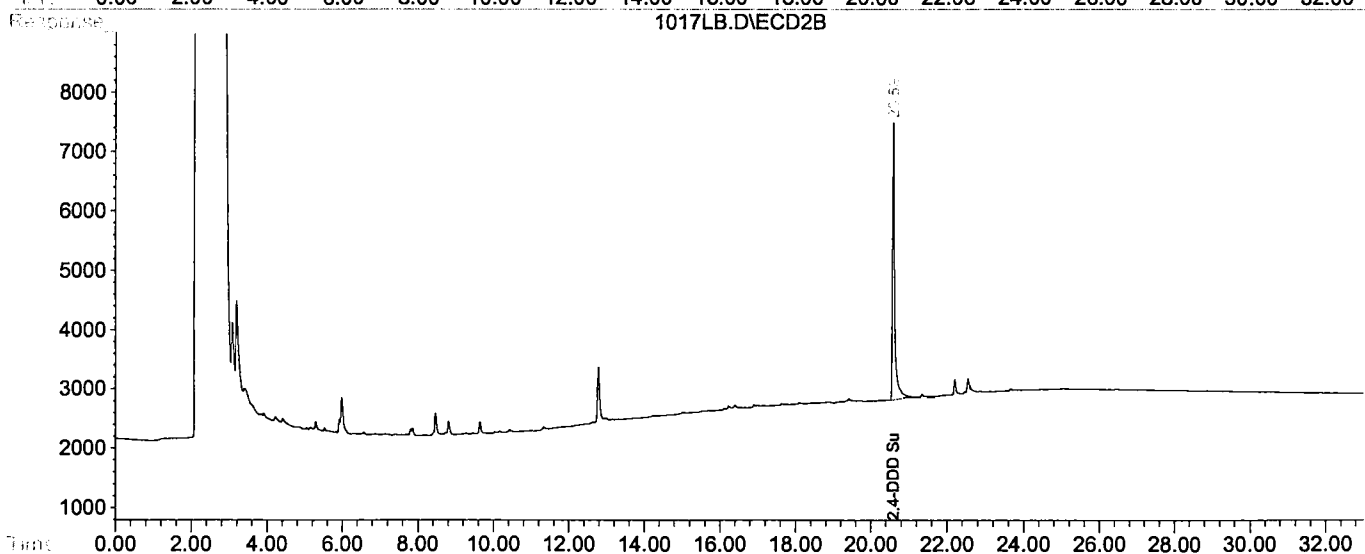
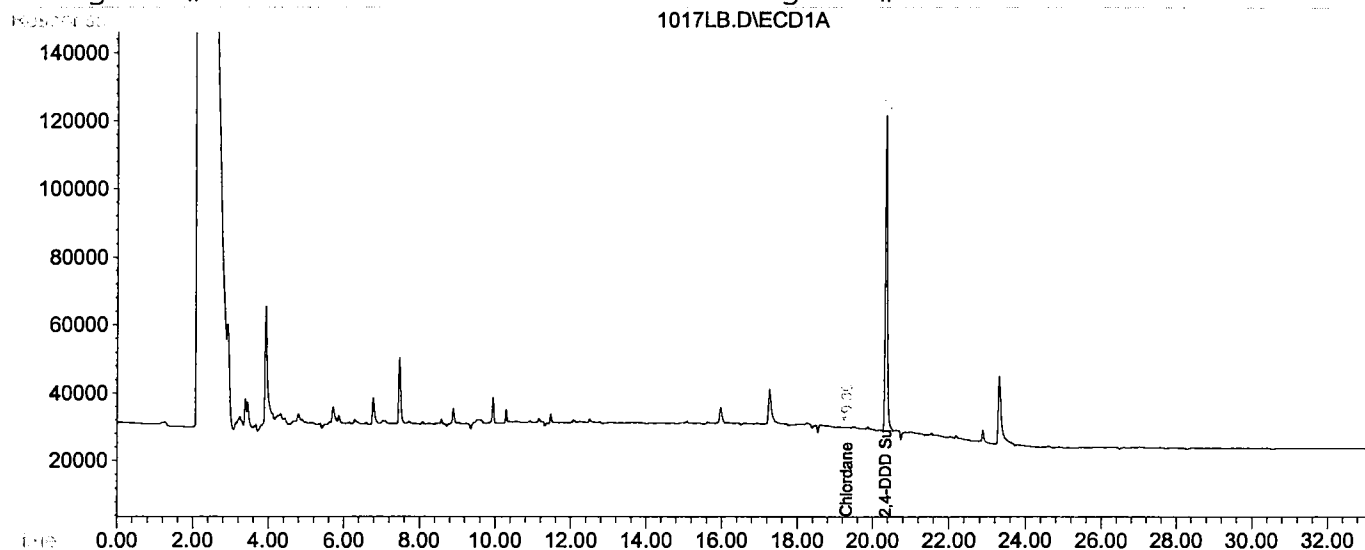
Data File : C:\HPCHEM\1\DATA\111601\1017LB.D\ECD1A.CH Vial: 18
 Acq On : 17 Nov 2010 2:50 am Operator: Nefliu
 Sample : 10/17 lab blk Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\1017LB.D\ECD2B.CH Vial: 18
 Acq On : 17 Nov 101 2:50 am Operator: Nefliu
 Sample : 10/17 lab blk Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:00 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\1017LB.D\ECD1A.CH Vial: 18
 Acq On : 17 Nov 2010 2:50 am Operator: Nefliu
 Sample : 10/17 lab blk Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\1017LB.D\ECD2B.CH Vial: 18
 Acq On : 17 Nov 10 2:50 am Operator: Nefliu
 Sample : 10/17 lab blk Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:16 19101 Quant Results File: 111701P.RES

Quant Method : C:\HPCHEM\1\METHODS\111701P.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	3456195	184905	0.218	0.226
	Spiked Amount	0.200		Recovery	=	109.00%	113.00%

Target Compounds

2)	g-BHC	15.31	0.00	1058	0	0.000	N.D. d#
3)	Heptachlor	15.82	0.00	472	0	0.000	N.D. #
4)	Aldrin	16.72	17.00f	1856	529	0.000	0.000 #
6)	4,4-DDE	19.48	20.26f	19940	307	0.001	0.000 #
7)	Dieldrin	20.02	20.26f	6327	307	0.000	0.000 #
8)	Endrin	20.58	0.00	4066	0	0.000	N.D. #
9)	Methoxychlor	23.30	0.00	1219205	0	0.288	N.D. #

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

1017LB.D 111701P.M Mon Nov 19 13:19:33 2001

Page 1

Quantitation Report

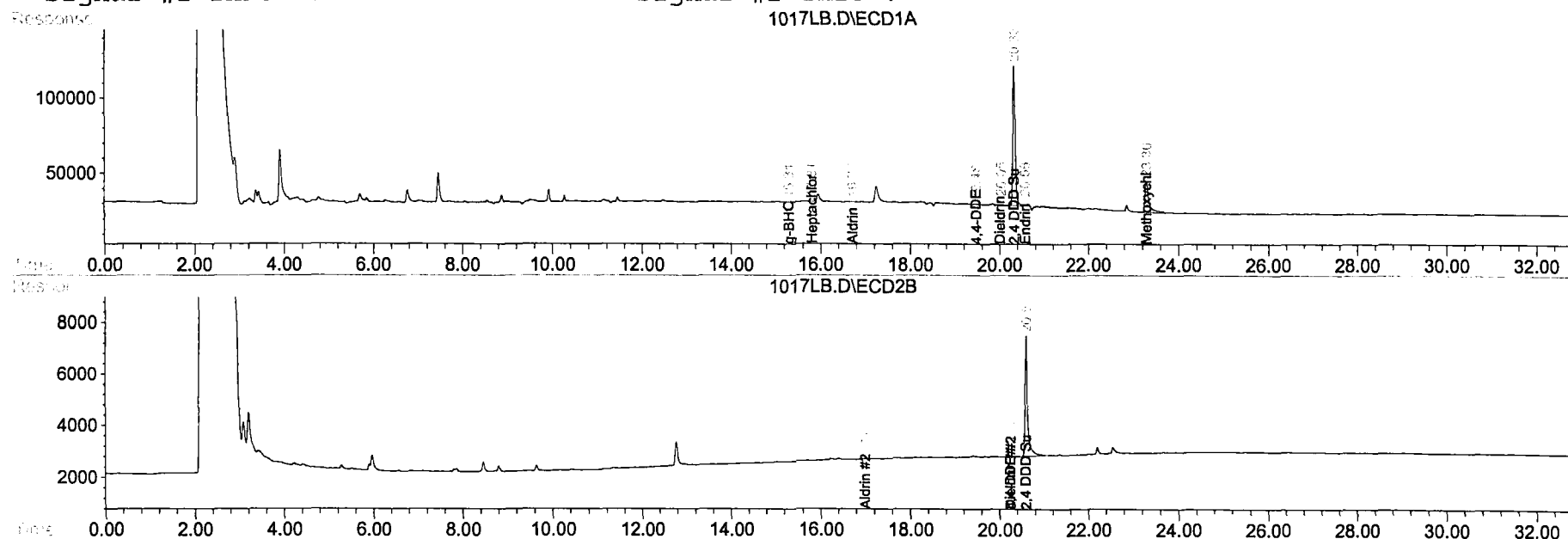
Data File : C:\HPCHEM\1\DATA\111601\1017LB.D\ECD1A.CH Vial: 18
Acq On : 17 Nov 2010 2:50 am Operator: Nefliu
Sample : 10/17 lab blk Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\1017LB.D\ECD2B.CH Vial: 18
Acq On : 17 Nov 2010 2:50 am Operator: Nefliu
Sample : 10/17 lab blk Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Nov 19 13:16 19101 Quant Results File: 111701P.RES

Quant Method : C:\HPCHEM\1\METHODS\111701P.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\1017LB.D\ECD1A.CH Vial: 18
 Acq On : 17 Nov 2010 2:50 am Operator: Nefliu
 Sample : 10/17 lab blk Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\1017LB.D\ECD2B.CH Vial: 18
 Acq On : 17 Nov 10 2:50 am Operator: Nefliu
 Sample : 10/17 lab blk Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:25 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	3458425	176123	0.219m	0.262
Spiked Amount	0.200		Recovery	=	109.50%	131.00%

Target Compounds

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

1017LB.D 111701T.M Mon Nov 19 14:25:47 2001

Page 1

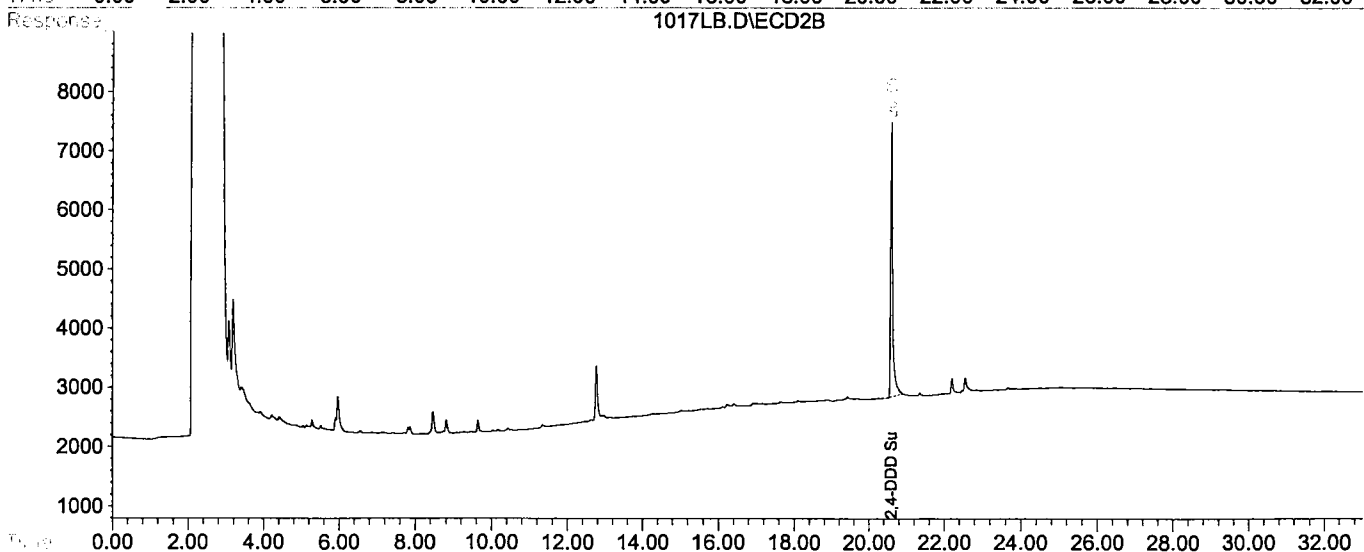
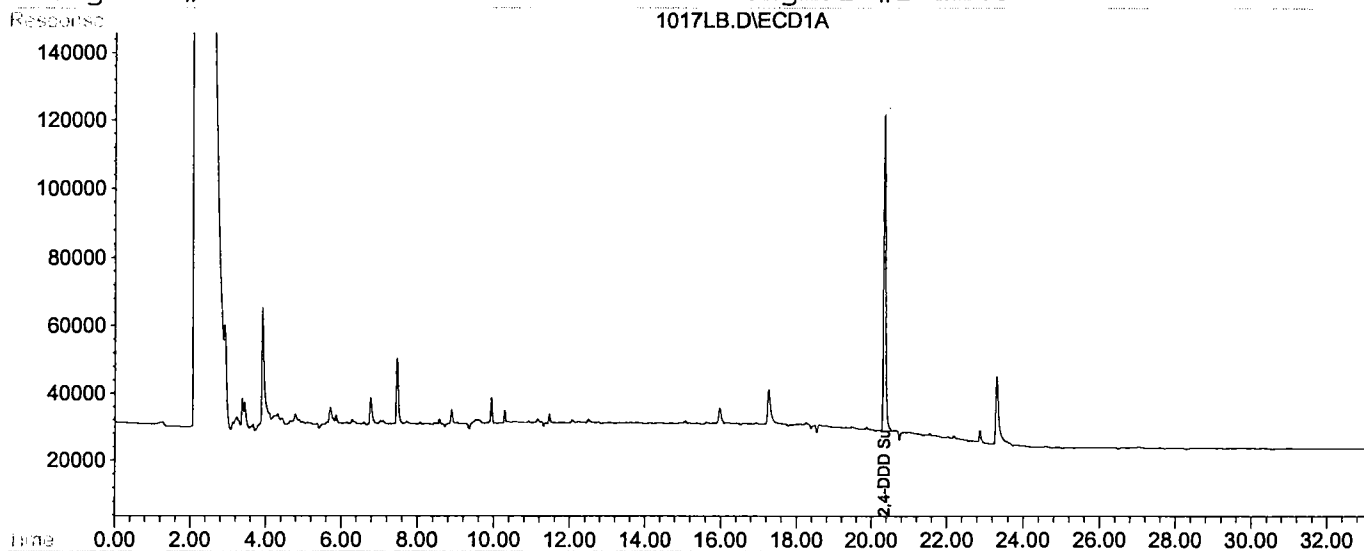
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\1017LB.D\ECD1A.CH Vial: 18
 Acq On : 17 Nov 2010 2:50 am Operator: Nefliu
 Sample : 10/17 lab blk Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\1017LB.D\ECD2B.CH Vial: 18
 Acq On : 17 Nov 10 2:50 am Operator: Nefliu
 Sample : 10/17 lab blk Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:25 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 :



User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:06:27

Sample: AD24696
Analysis: \$C1508 Pesticides CCV1
Units: ug
Started: 10/17/01 16:02 Ended: 11/16/01 16:02 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\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\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 ¹¹⁸ / ₁	0.060m
3) Heptachlor	15.88	15.94	694656	36221	0.021m ¹¹¹ / 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 ¹¹⁹ / ₁	0.055
6) 4,4-DDE	19.61	19.92	3013038	113664	0.096m ¹²⁰ / 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

Quantitation Report

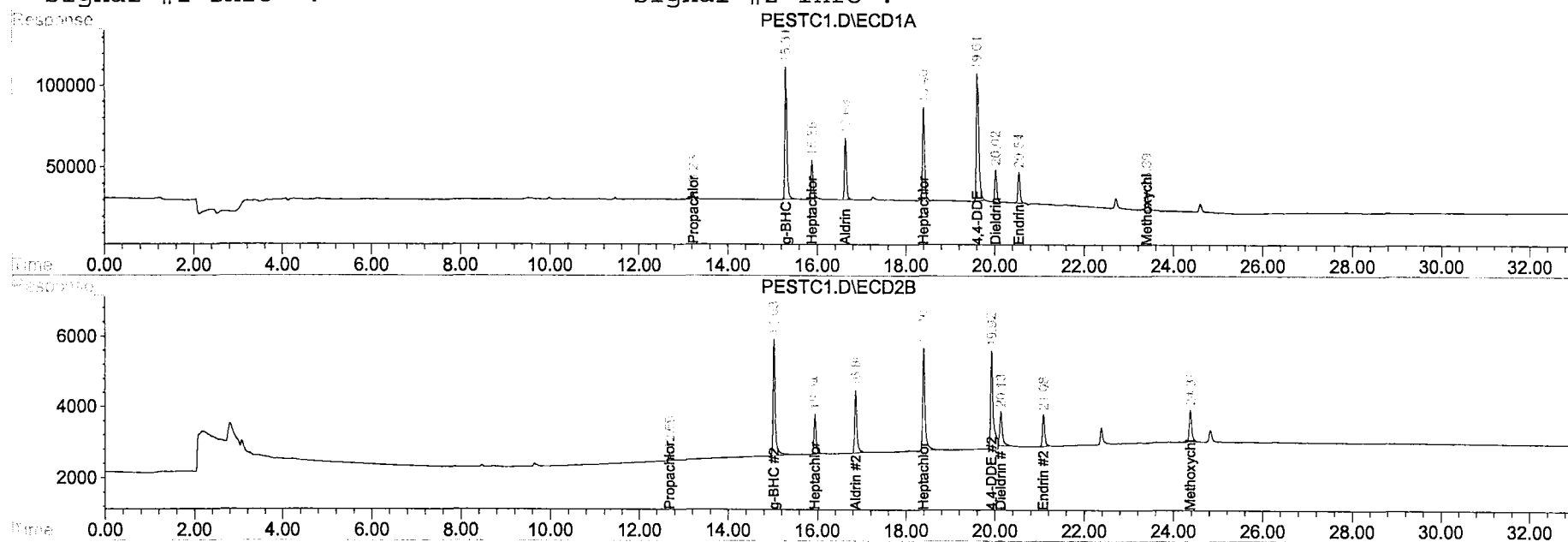
Data File : C:\HPCHEM\1\DATA\111601\PESTC1.D\ECD1A.CH Vial: 14
Acq On : 17 Nov 2010 12:19 am Operator: Nefliu
Sample : pest ic1 Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\PESTC1.D\ECD2B.CH Vial: 14
Acq On : 17 Nov 10 12:19 am Operator: Nefliu
Sample : pest ic1 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 #1 Info :
Signal #2 Phase :
Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\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\111601\PESTC2.D\ECD2B.CH Vial: 15
 Acq On : 17 Nov 101 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	0.200
Spiked Amount	0.200		Recovery	=	100.00%	100.00%
Target Compounds						
1) Propachlor	13.22	12.69	460312	27199	0.201m	0.201
2) g-BHC	15.31	15.03	10644118	484344	0.263	0.268
3) Heptachlor	15.88	15.94	3144308	152530	0.094	0.090
4) Aldrin	16.63	16.86	4923673	280028	0.115m	0.117
5) Heptachlor Epoxi	18.40	18.39	7170302	436344	0.229	0.228
6) 4,4-DDE	19.61	19.92	11795903	476782	0.377	0.379m
7) Dieldrin	20.03	20.13	2609163	195746	0.077	0.089m
8) Endrin	20.54	21.08	2747338	140724	0.196m	0.195
9) Methoxychlor	23.39	24.37	1641443	164369	0.388m	0.391

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

PESTC2.D 111701P.M Sat Nov 17 09:13:25 2001

Page 1

Quantitation Report

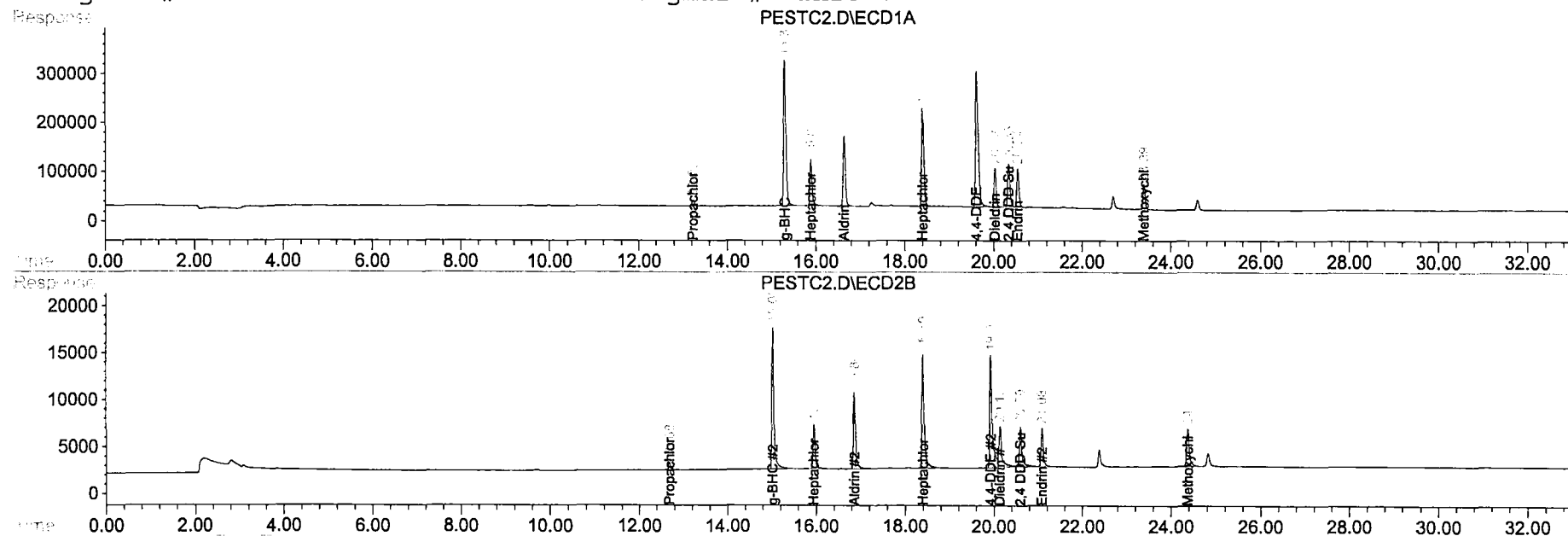
Data File : C:\HPCHEM\1\DATA\111601\PESTC2.D\ECD1A.CH Vial: 15
 Acq On : 17 Nov 2010 12:57 am Operator: Nefliu
 Sample : pest ic2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\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\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\111601\CHLC1.D\ECD2B.CH Vial: 6
Acq On : 16 Nov 10 7:17 pm Operator: Nefliu
Sample : chlordan ic1 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%)

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

CHLC1.D 111701C.M Sat Nov 17 11:40:43 2001

Page 1

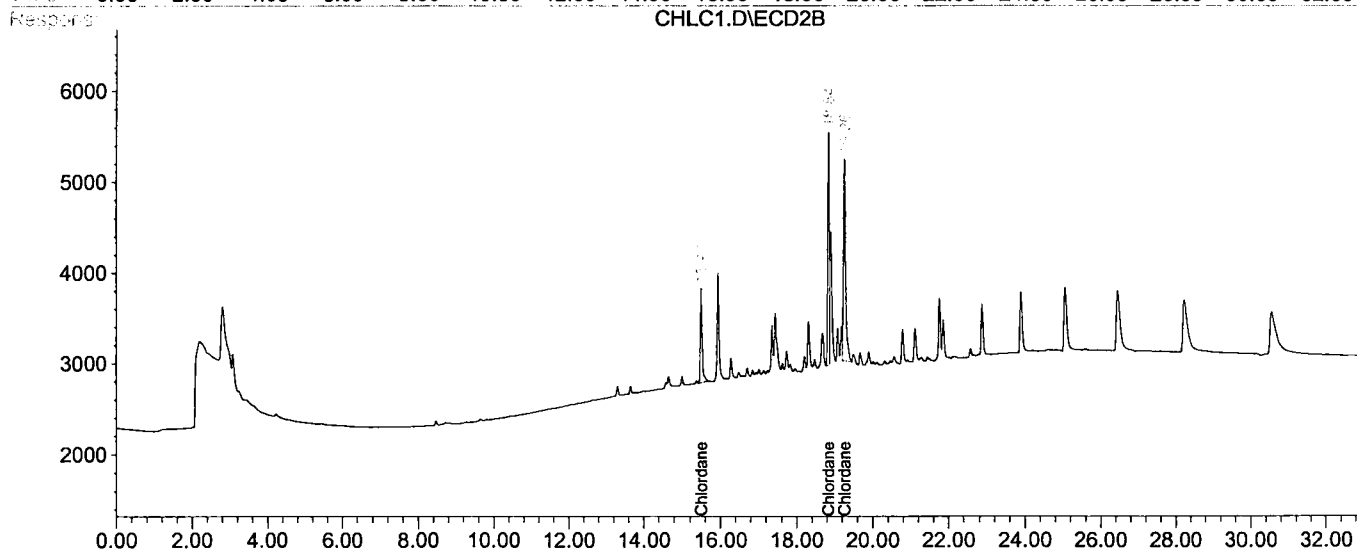
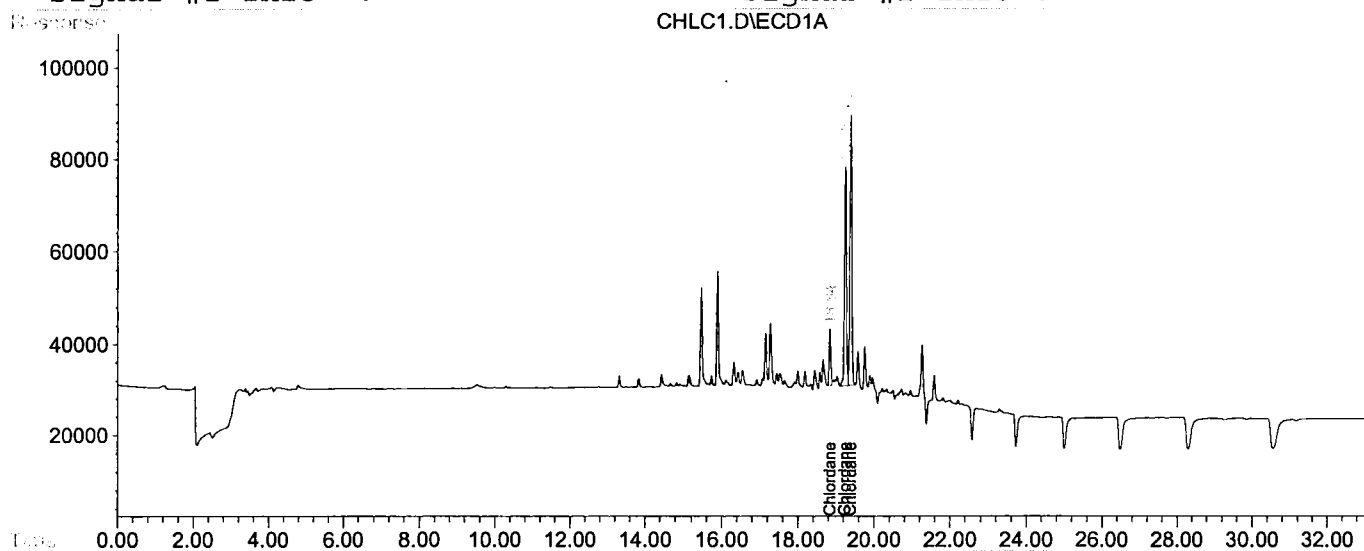
Quantitation Report

Data File : C:\HPCHEM\1\DATA\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\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 : 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 : 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\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\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

$$\bar{x} = 0.71 \left(110\% \right)$$

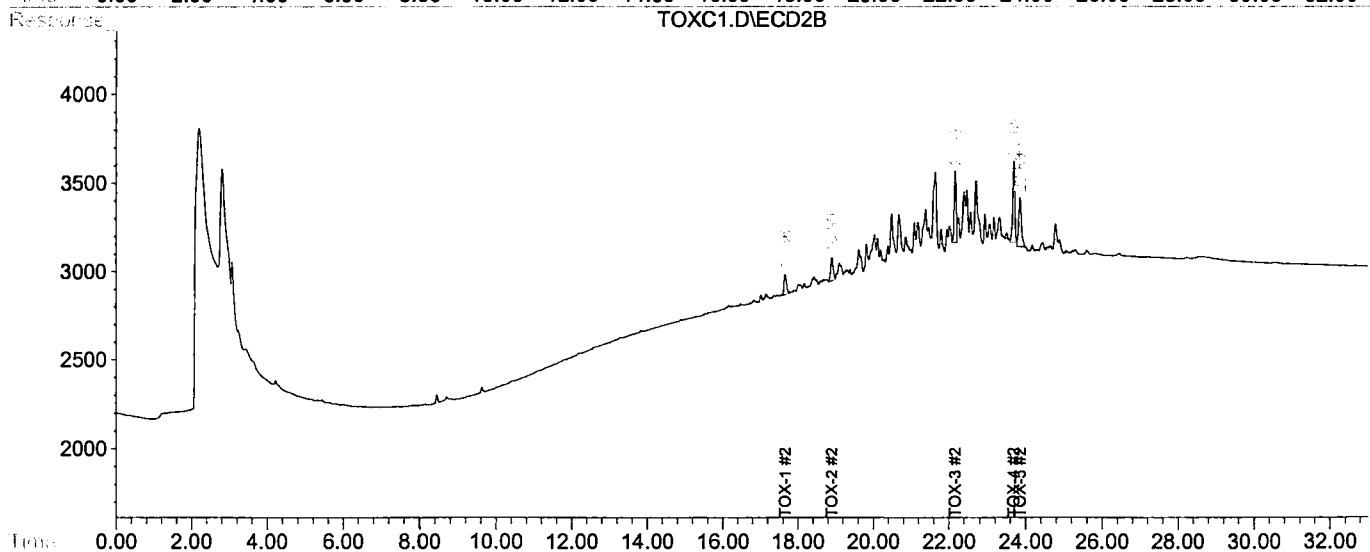
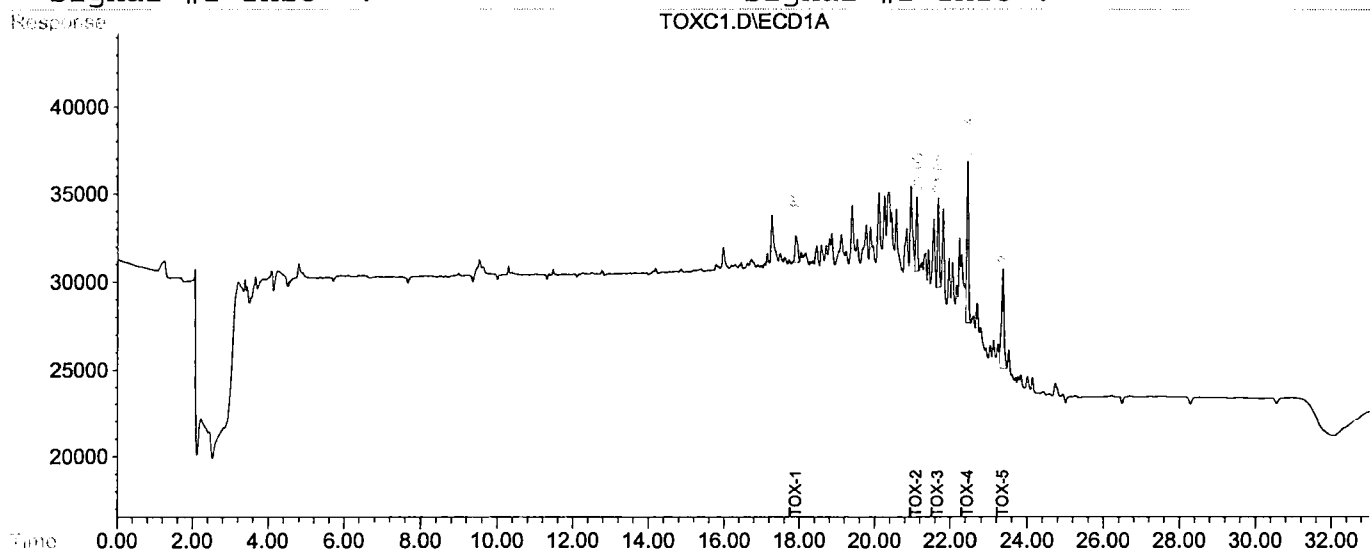
Quantitation Report

Data File : C:\HPCHEM\1\DATA\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\111601\TOXC1.D\ECD2B.CH Vial: 10
 Acq On : 16 Nov 101 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 : 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\1232C2.D\ECD1A.CH Vial: 4
Acq On : 16 Nov 2010 6:02 pm Operator: Nefliu
Sample : 1232 c2 Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\111601\1232C2.D\ECD2B.CH Vial: 4
Acq On : 16 Nov 101 6:02 pm Operator: Nefliu
Sample : 1232 c2 Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 16:22 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

Target Compounds

1)	1232-1	12.63	13.74	85142	8723	0.192	0.198m
2)	1232-2	13.28	14.98	258339	10738	0.200m	0.198m
3)	1232-3	14.39	16.03	199387	12435	0.202m	0.190
4)	1232-4	15.68	18.47	358571	3304	0.200m	0.200m
5)	1232-5	17.25	19.37	223935	3828	0.205m	0.210m

$\bar{x} = 0.20$
(100%)

Quantitation Report

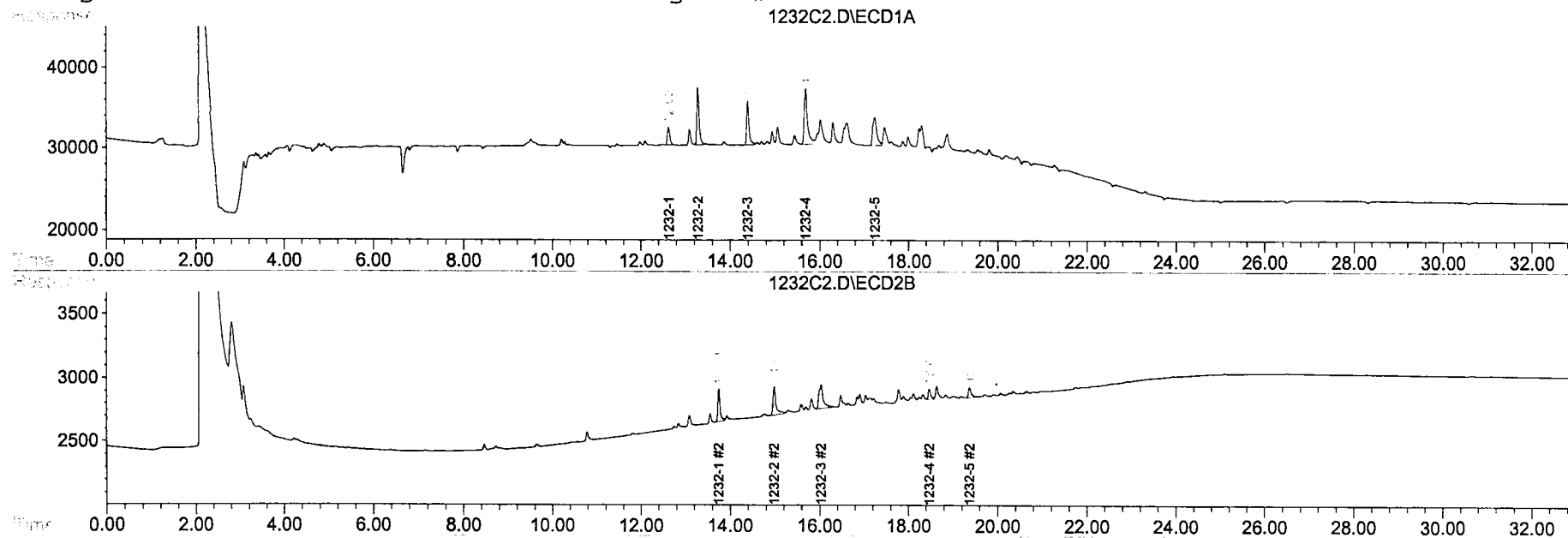
Data File : C:\HPCHEM\1\DATA\508\111601\1232C2.D\ECD1A.CH Vial: 4
 Acq On : 16 Nov 2010 6:02 pm Operator: Nefliu
 Sample : 1232 c2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\111601\1232C2.D\ECD2B.CH Vial: 4
 Acq On : 16 Nov 101 6:02 pm Operator: Nefliu
 Sample : 1232 c2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 16:22 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 :



User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:07:11

Sample: AD24696
Analysis: \$C2508 Pesticides CCV2
Units: ug
Started: 10/17/01 16:02 Ended: 11/16/01 16:02 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		82		

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\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\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 : 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 111901P.M Mon Nov 19 13:50:44 2001

Page 1

Quantitation Report

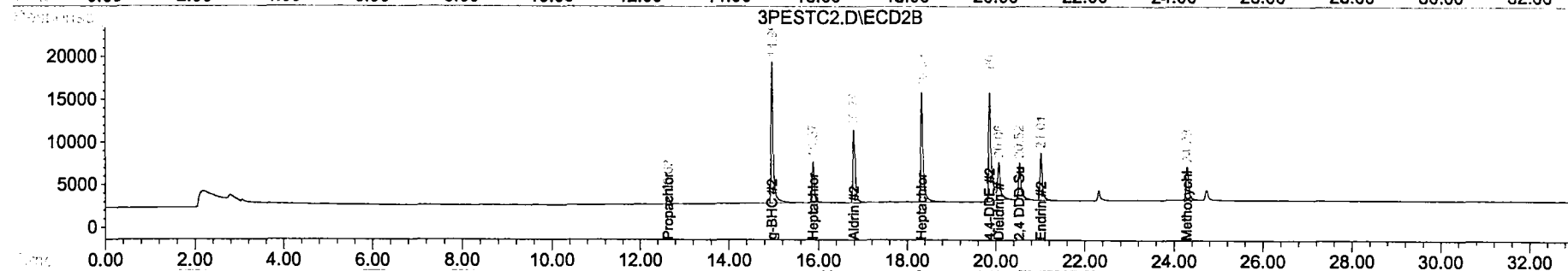
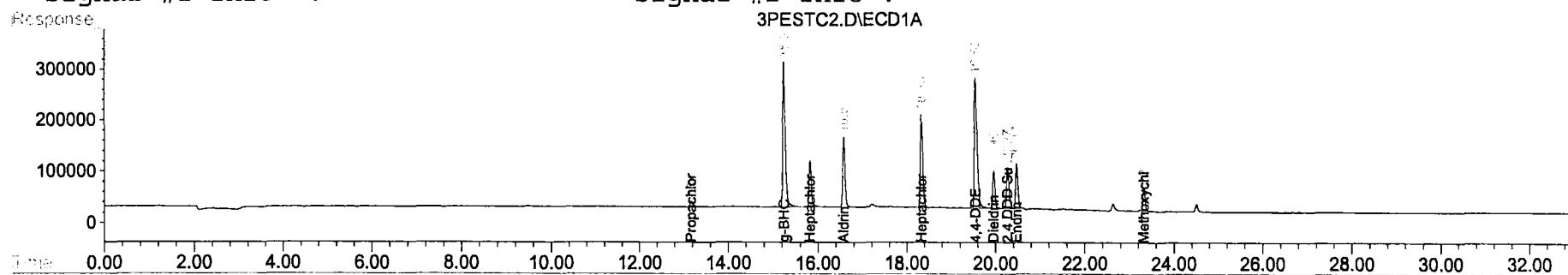
Data File : C:\HPCHEM\1\DATA\111601\3PESTC2.D\ECD1A.CH Vial: 52
 Acq On : 18 Nov 2010 10:52 am Operator: Nefliu
 Sample : pest ccv Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\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\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\111601\2CHLC2.D\ECD2B.CH Vial: 55
Acq On : 18 Nov 10 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

Handwritten: $\bar{x} = 1.6$ (100%)

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

2CHLC2.D 111701C.M Mon Nov 19 14:24:45 2001

Page 1

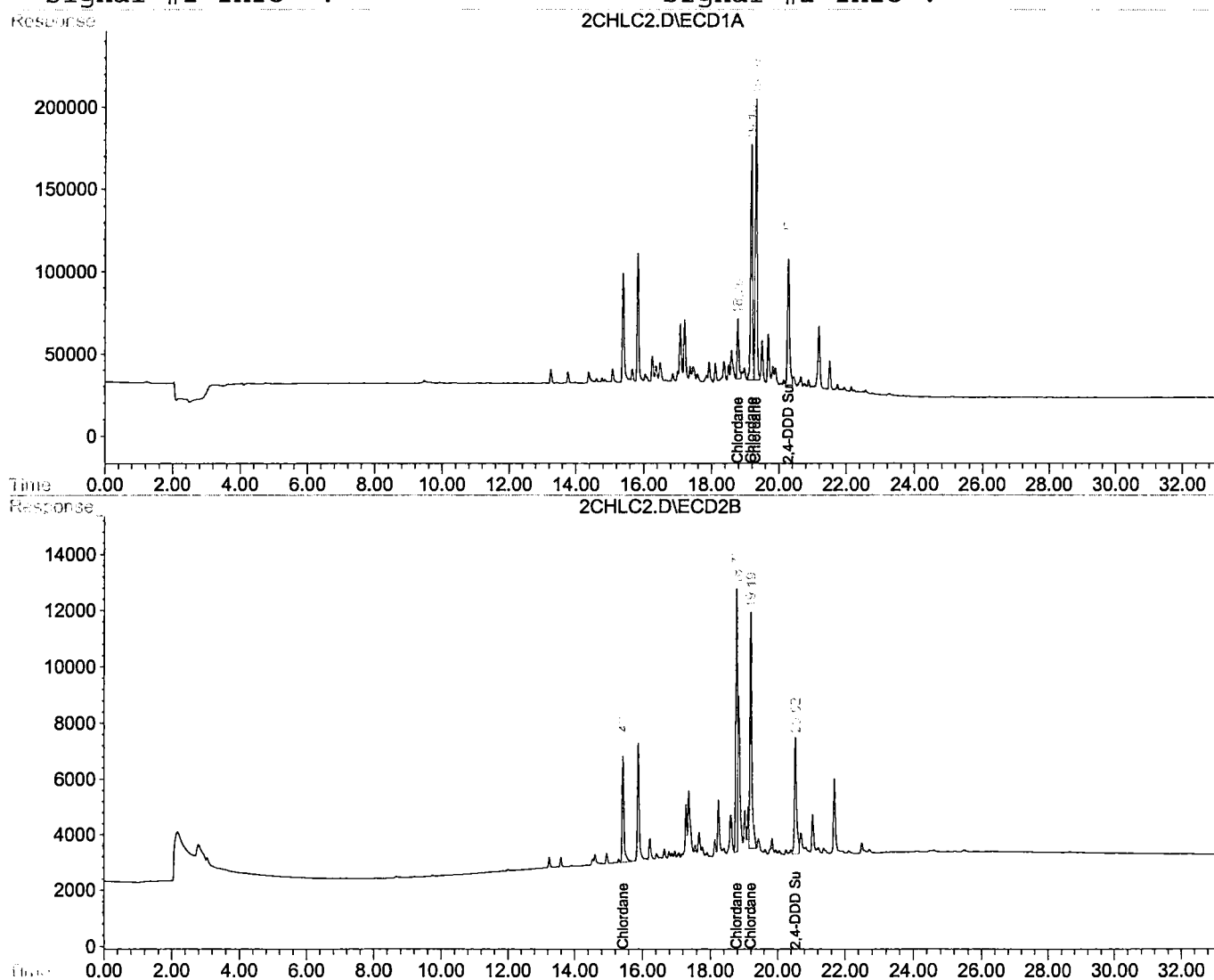
Quantitation Report

Data File : C:\HPCHEM\1\DATA\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\111601\2CHLC2.D\ECD2B.CH Vial: 55
Acq On : 18 Nov 10 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 : 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\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\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 : 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

$\bar{x} = 2.9$
 (91%)

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

2TOXC2.D 111701T.M Mon Nov 19 14:42:44 2001

Page 1

Quantitation Report

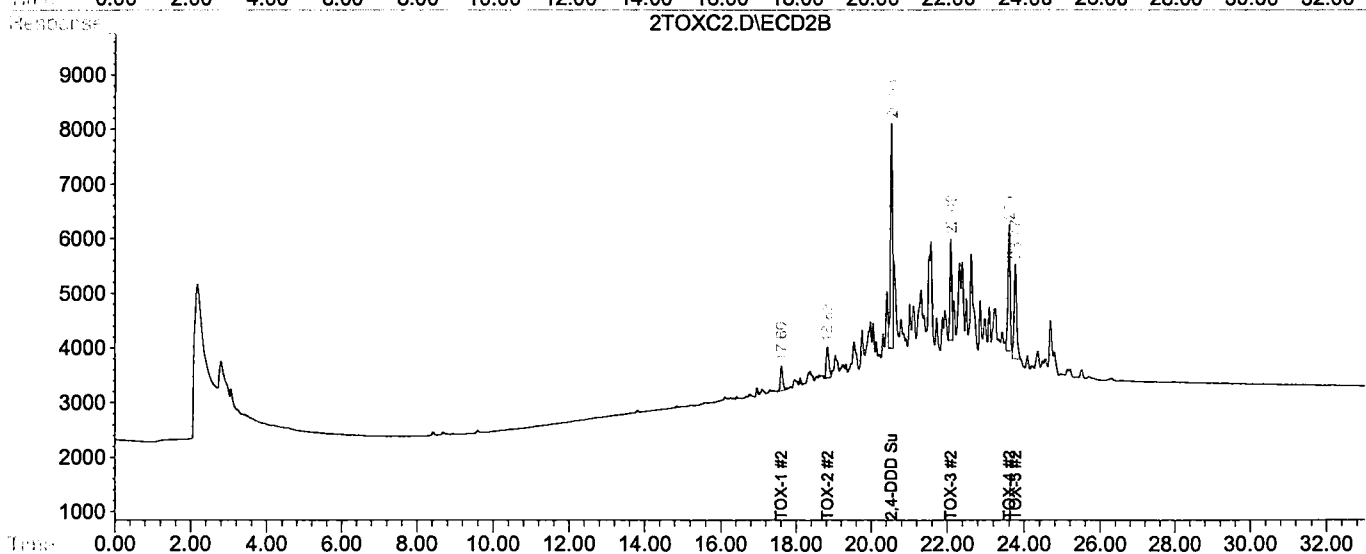
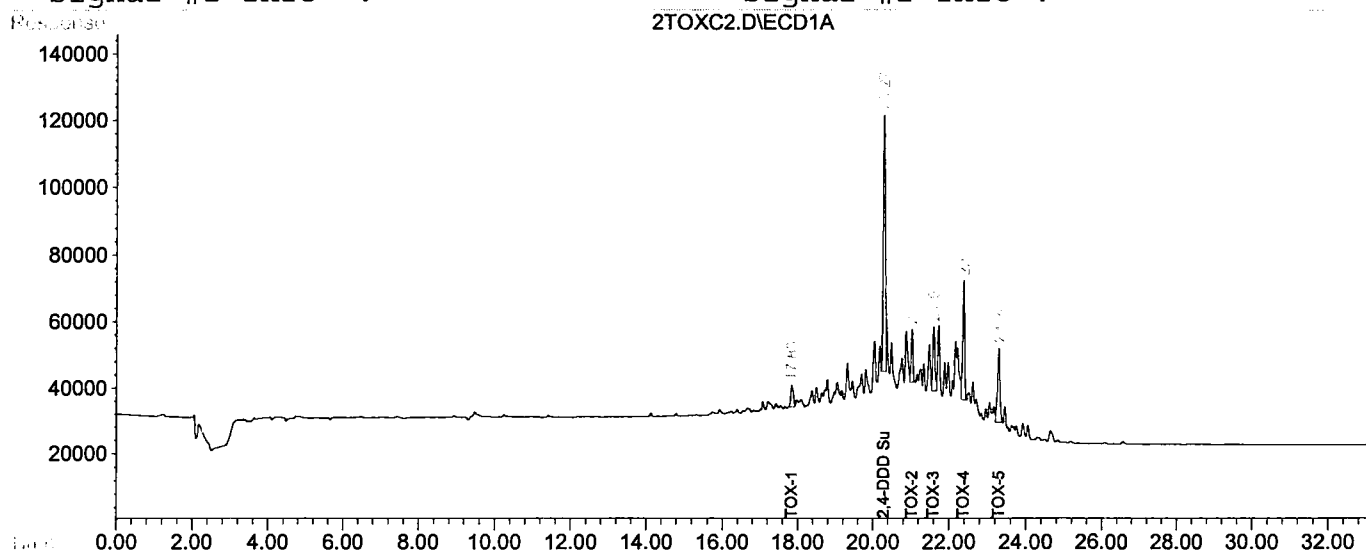
Data File : C:\HPCHEM\1\DATA\111601\2TOXC2.D\ECD1A.CH Vial: 51
 Acq On : 18 Nov 2010 10:14 am Operator: Nefliu
 Sample : tox ccv Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\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 : 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 : Multiple Level Calibration
 DataAcq Meth : PESTPCB.M

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



Response Factor Report 105

Method : C:\HPCHEM\1\METHODS\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 =PESTC1.D 2 =PESTC2.D 3 =PESTC3.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 Sat Nov 17 12:00:01 2001

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\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\111601\PESTC3.D\ECD2B.CH Vial: 16
Acq On : 17 Nov 101 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
----------	------	------	--------	--------	------	------

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 111701P.M Sat Nov 17 09:21:19 2001

Page 1

Quantitation Report

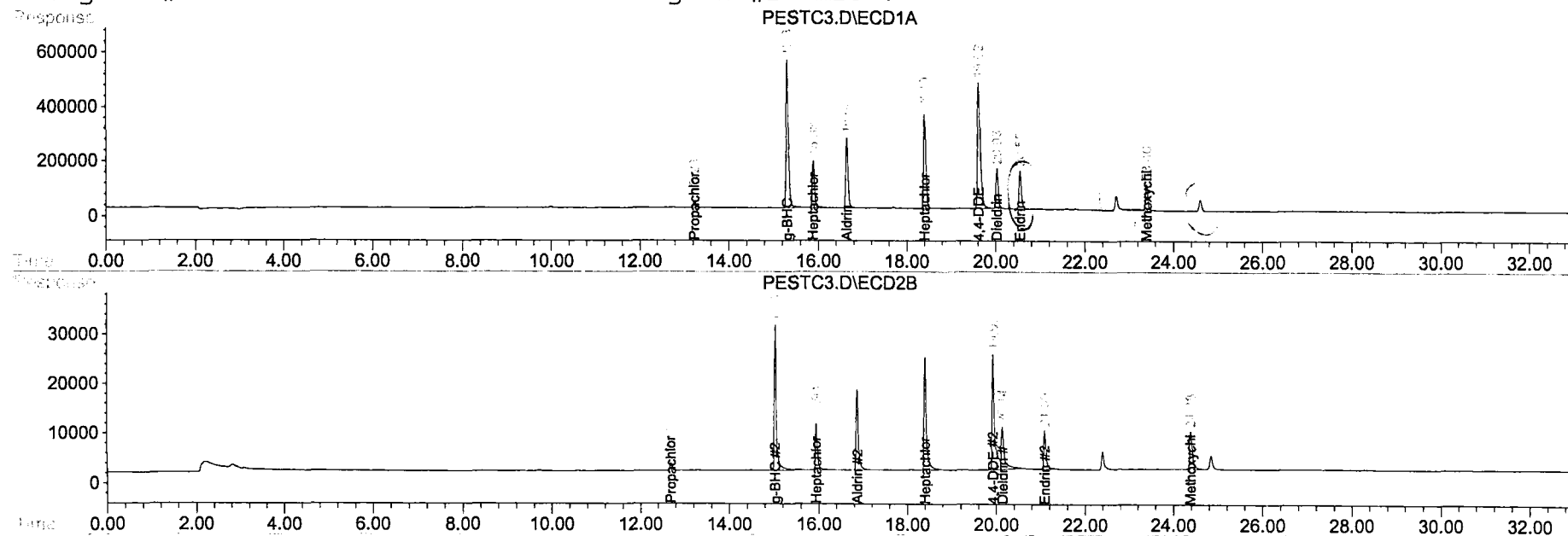
Data File : C:\HPCHEM\1\DATA\111601\PESTC3.D\ECD1A.CH Vial: 16
Acq On : 17 Nov 2010 1:35 am Operator: Nefliu
Sample : pest ic3 Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\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\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\111601\PESTUR.D\ECD2B.CH Vial: 17
 Acq On : 17 Nov 101 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>96%</i>	0.190m
2)	g-BHC	15.31	15.03	6016921	241688	0.149 <i>99%</i>	0.134
3)	Heptachlor	15.88	15.94	3095759	146860	0.092 <i>92%</i>	0.087
4)	Aldrin	16.64	16.86	2127582	104499	0.050 <i>100%</i>	0.043
5)	Heptachlor Epoxi	18.40	18.40	4539508	259349	0.145 <i>97%</i>	0.136
6)	4,4-DDE	19.61	19.92	11507282	441363	0.368 <i>92%</i>	0.351m
7)	Dieldrin	20.03	20.13	2396103	170529	0.071 <i>89%</i>	0.077m
8)	Endrin	20.54	21.08	1325010	63834	0.095 <i>91%</i>	0.089
9)	Methoxychlor	23.39	24.37	798843	77125	0.189m <i>95%</i>	0.183

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

PESTUR.D 111701P.M Sat Nov 17 09:28:10 2001

Page 1

Quantitation Report

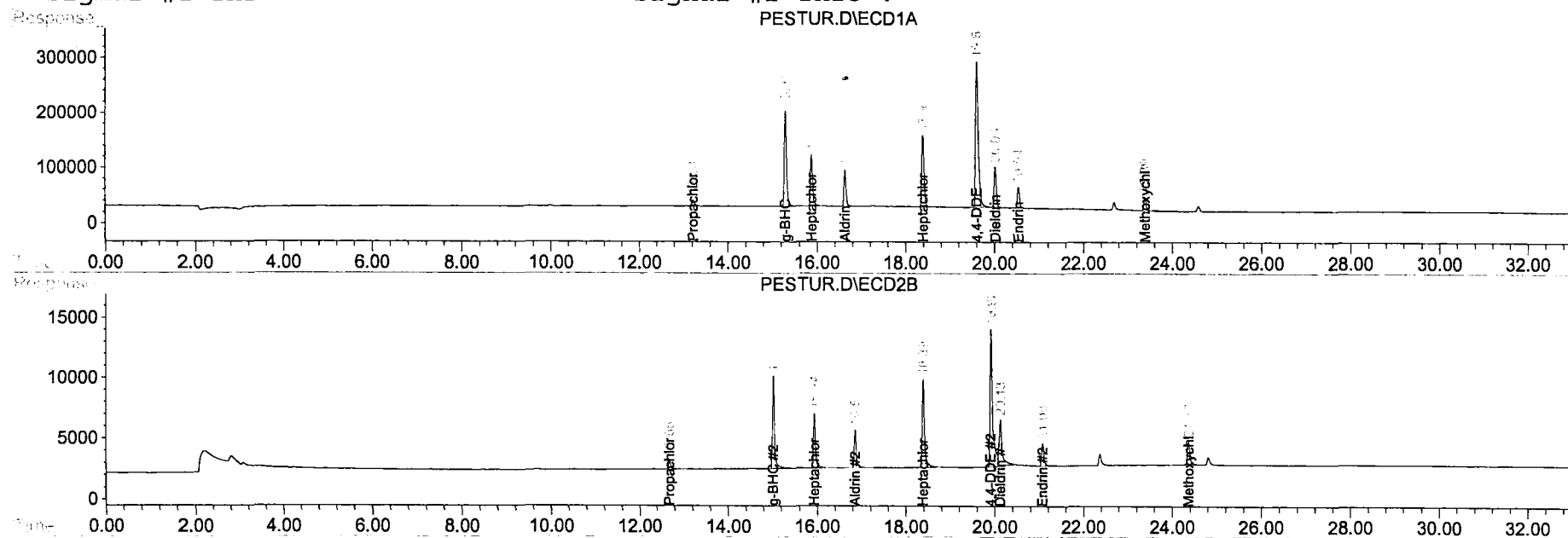
Data File : C:\HPCHEM\1\DATA\111601\PESTUR.D\ECD1A.CH Vial: 17
Acq On : 17 Nov 2010 2:13 am Operator: Nefliu
Sample : pest unextracted ref Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\PESTUR.D\ECD2B.CH Vial: 17
Acq On : 17 Nov 101 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 :



Response Factor Report 105

Method : C:\HPCHEM\1\METHODS\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 Mon Nov 19 13:59:45 2001

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\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\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 : 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	13.22	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 111901P.M Mon Nov 19 13:53:54 2001

Page 1

Quantitation Report

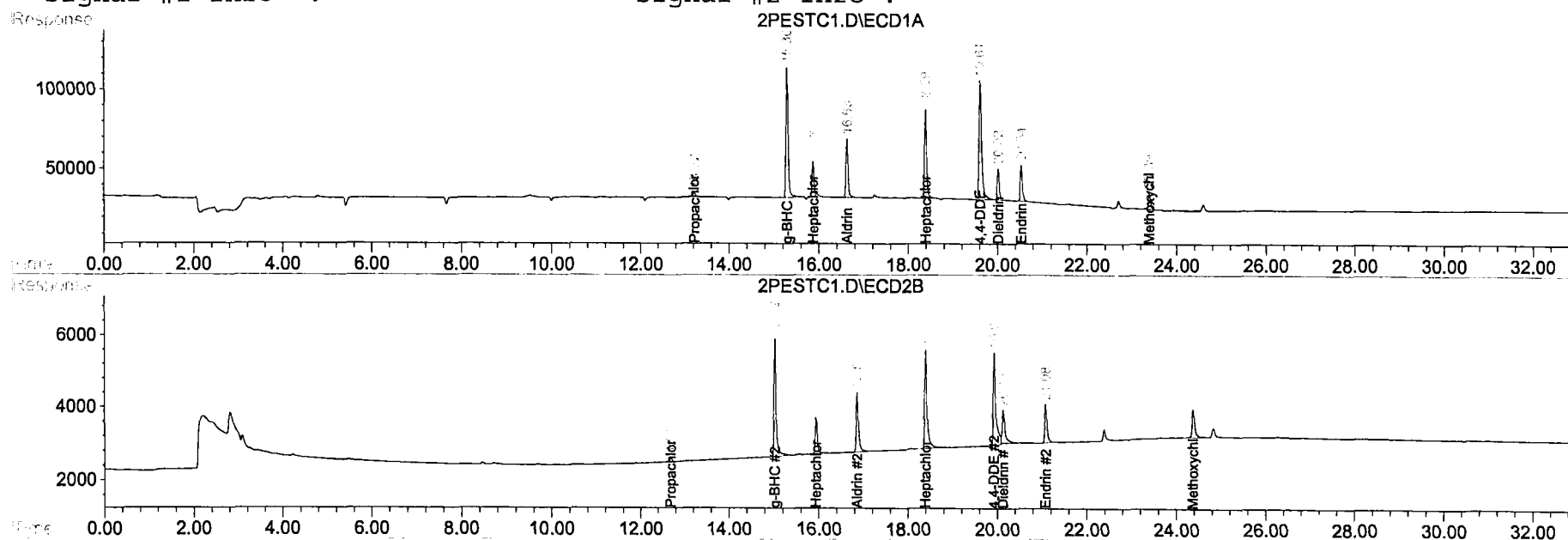
Data File : C:\HPCHEM\1\DATA\111601\2PESTC1.D\ECD1A.CH Vial: 63
 Acq On : 17 Nov 2010 4:38 pm Operator: Nefliu
 Sample : pest icl Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\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 #2 Phase:
 Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\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\111601\2PESTC2.D\ECD2B.CH Vial: 64
 Acq On : 17 Nov 101 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 111901P.M Mon Nov 19 13:55:05 2001

Page 1

Quantitation Report

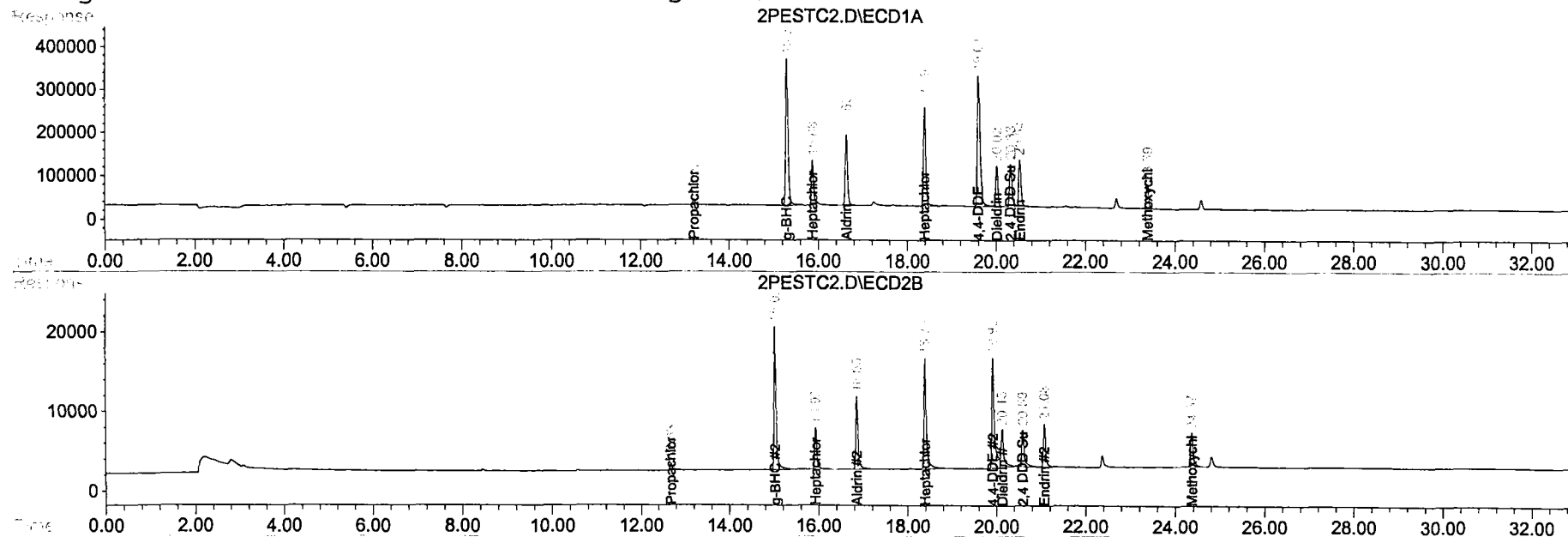
Data File : C:\HPCHEM\1\DATA\111601\2PESTC2.D\ECD1A.CH Vial: 64
 Acq On : 17 Nov 2010 5:15 pm Operator: Nefliu
 Sample : pest ic2 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\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 #1 Info :
 Signal #2 Phase :
 Signal #2 Info :



Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\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\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 111901P.M Mon Nov 19 13:56:15 2001

Page 1

Quantitation Report

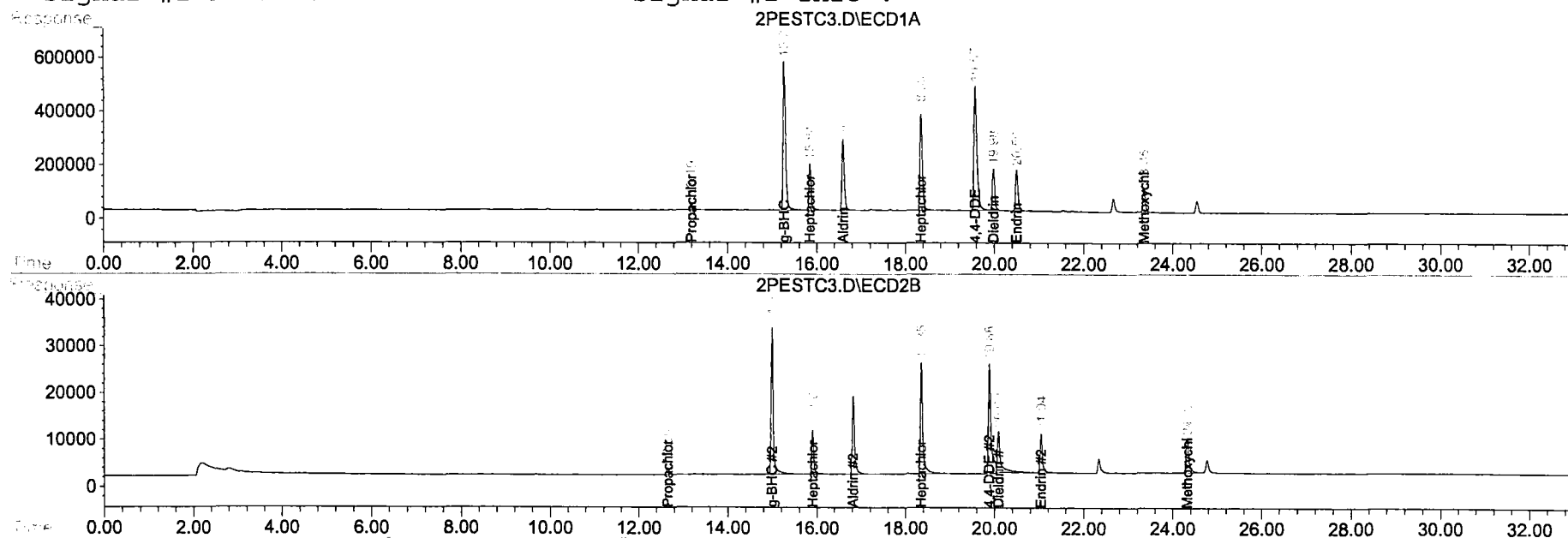
Data File : C:\HPCHEM\1\DATA\111601\2PESTC3.D\ECD1A.CH Vial: 65
Acq On : 17 Nov 2010 5:53 pm Operator: Nefliu
Sample : pest ic2 Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\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 : 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\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\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 <i>108/</i>	0.201m
2) g-BHC	15.27	14.86f	7145329	279976	0.163m <i>109/</i>	0.144
3) Heptachlor	15.84	15.90	3439893	159787	0.104m <i>104/</i>	0.097
4) Aldrin	16.60	16.82	2470877	113748	0.054 <i>108/</i>	0.045
5) Heptachlor Epoxi	18.36	18.36	5698572	295677	0.164 <i>109/</i>	0.144
6) 4,4-DDE	19.57	19.88	13251245	488757	0.401 <i>100/</i>	0.381m
7) Dieldrin	19.98	20.09	2892552	211287	0.079m <i>99/</i>	0.088m
8) Endrin	20.50	21.04	1956297	90548	0.112 <i>112/</i>	0.103
9) Methoxychlor	23.35	24.32	952715	83197	0.223m <i>111/</i>	0.206

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

2PESTUR.D 111901P.M Mon Nov 19 13:57:21 2001

Page 1

Quantitation Report

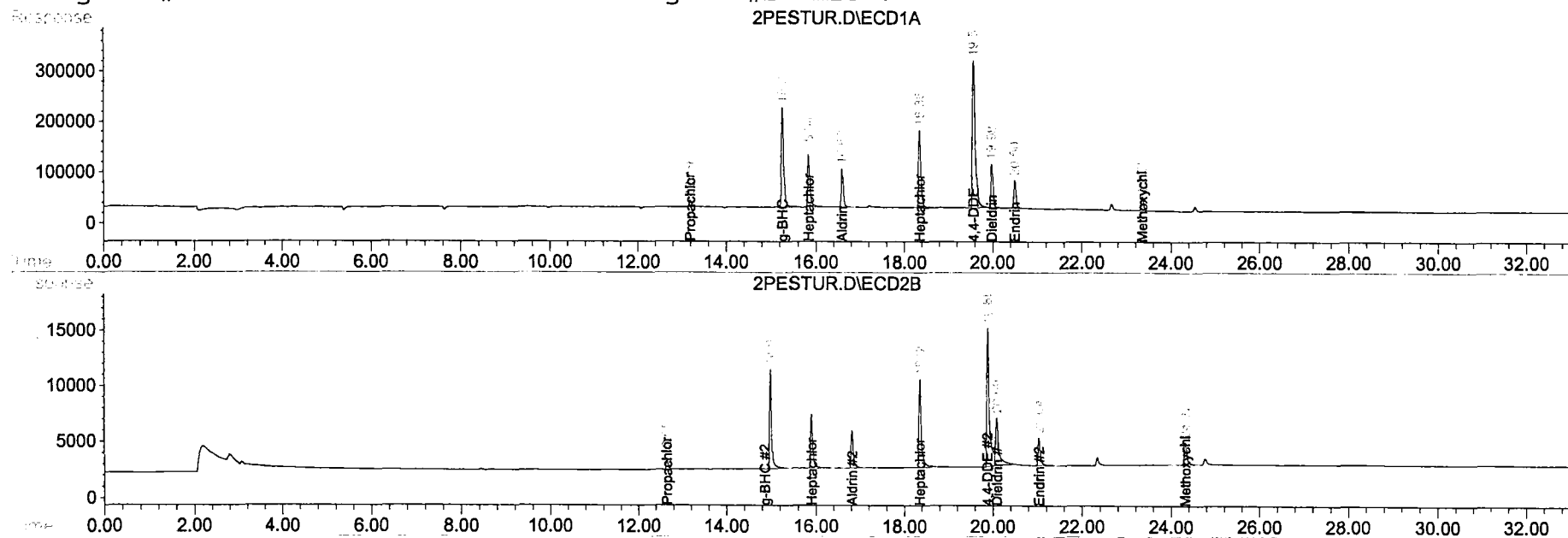
Data File : C:\HPCHEM\1\DATA\111601\2PESTUR.D\ECD1A.CH Vial: 66
Acq On : 17 Nov 2010 6:31 pm Operator: Nefliu
Sample : pest unextracted ref Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\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 :



Response Factor Report 105

Method : C:\HPCHEM\1\METHODS\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\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\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 : 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

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

$\bar{x} = 1.6$
 (100%)

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

CHLC2.D 111701C.M Sat Nov 17 11:41:54 2001

Page 1

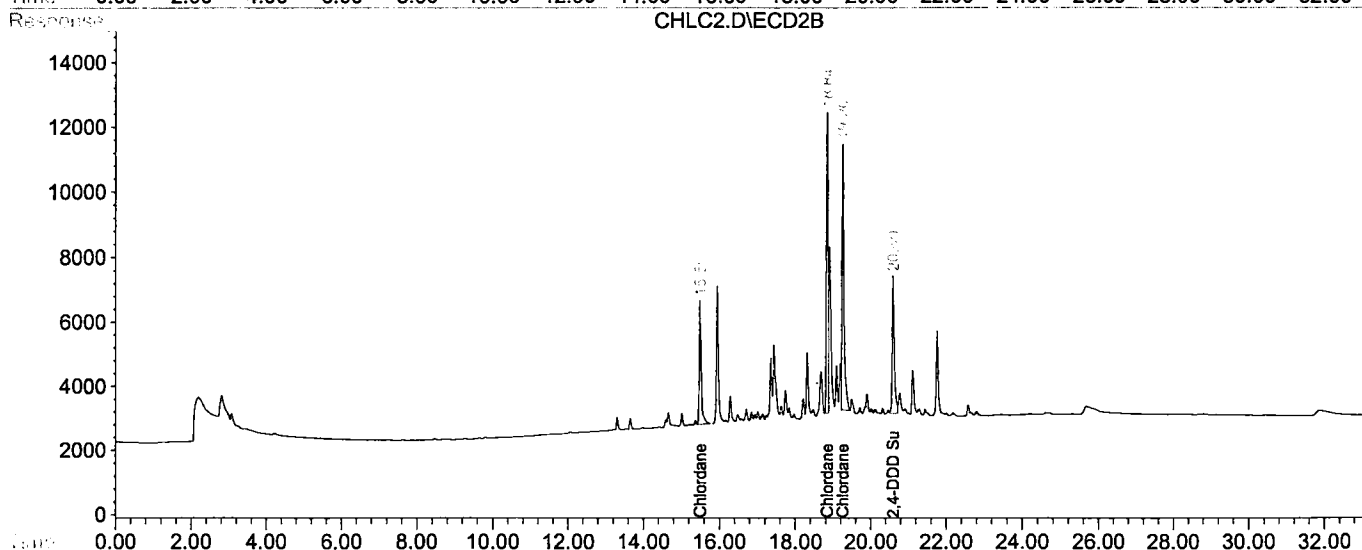
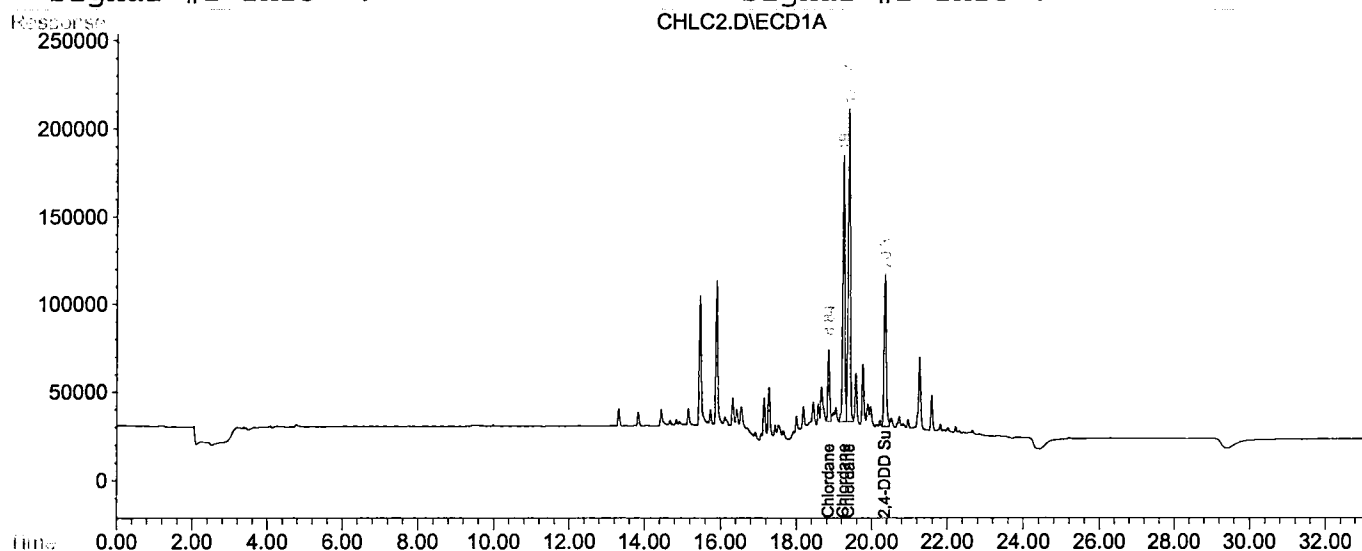
Quantitation Report

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

Data File : C:\HPCHEM\1\DATA\111601\CHLC3.D\ECD2B.CH Vial: 8
 Acq On : 16 Nov 10 8:33 pm Operator: Nefliu
 Sample : chlordan 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
----------	------	------	--------	--------	------	------

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%)

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

CHLC3.D 111701C.M Sat Nov 17 11:43:14 2001

Page 1

Quantitation Report

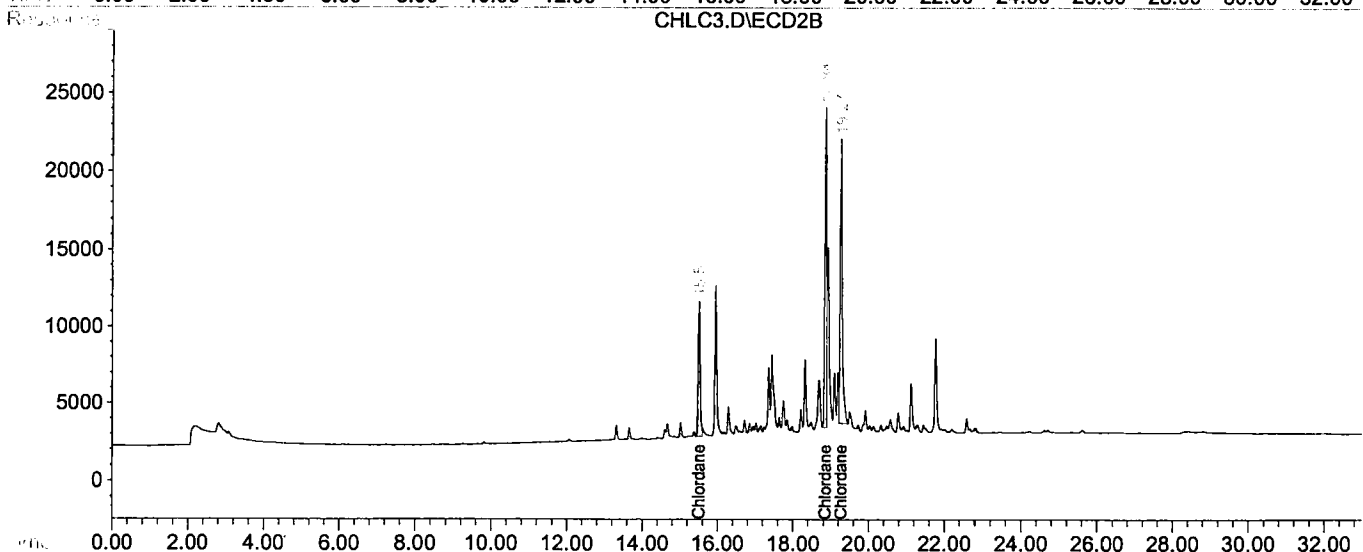
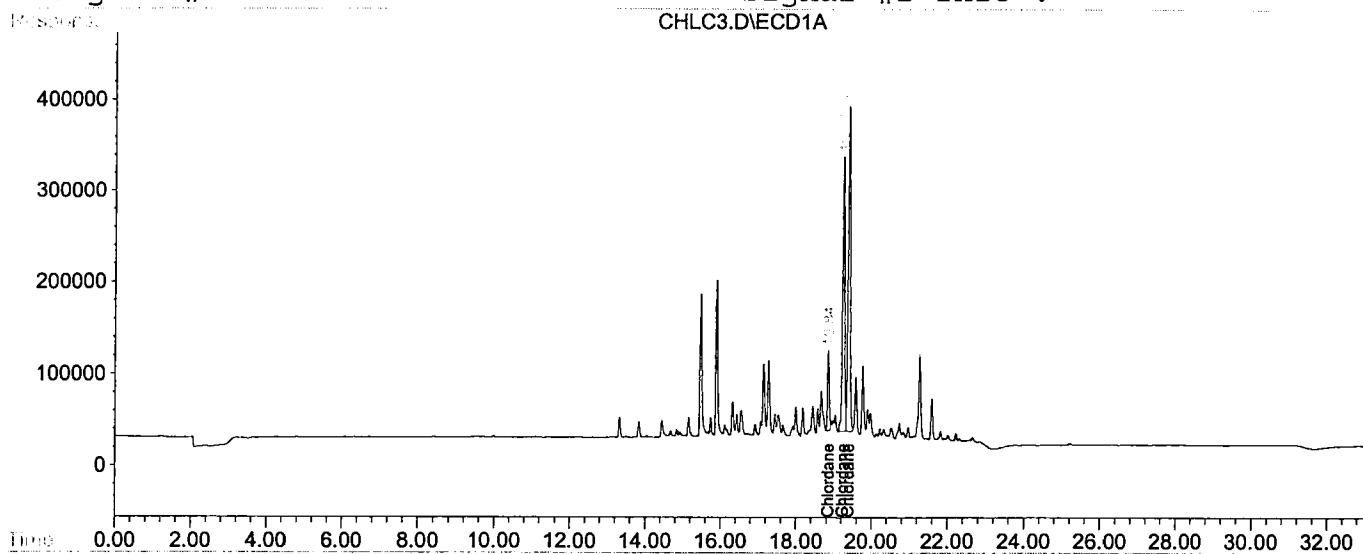
Data File : C:\HPCHEM\1\DATA\111601\CHLC3.D\ECD1A.CH Vial: 8
 Acq On : 16 Nov 2010 8:33 pm Operator: Nefliu
 Sample : chlordan ic3 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\CHLC3.D\ECD2B.CH Vial: 8
 Acq On : 16 Nov 10 8:33 pm Operator: Nefliu
 Sample : chlordan 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 : 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\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\111601\CHLUR.D\ECD2B.CH Vial: 9
 Acq On : 16 Nov 10 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

$\bar{x} = 2.1$
 (105%)

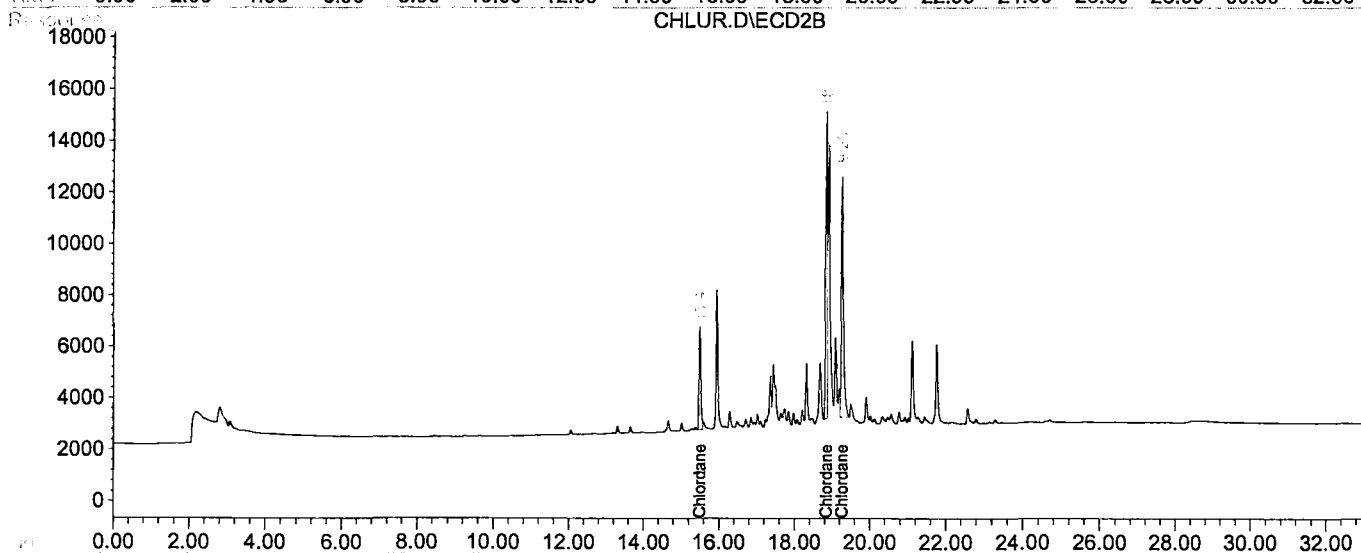
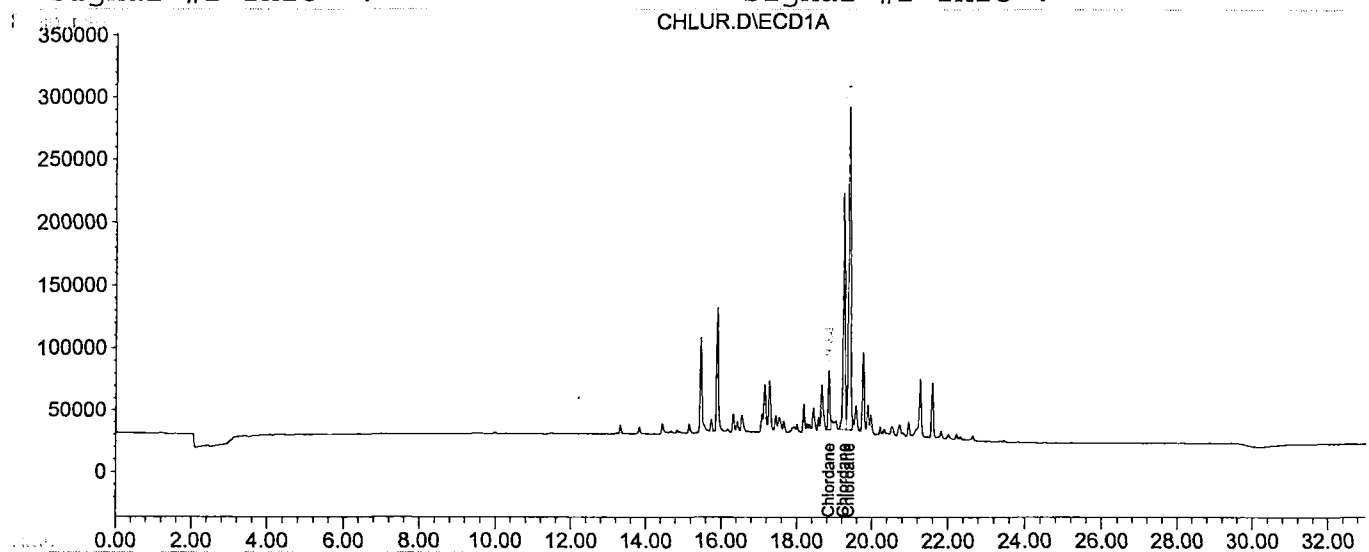
Quantitation Report

Data File : C:\HPCHEM\1\DATA\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\111601\CHLUR.D\ECD2B.CH Vial: 9
Acq On : 16 Nov 10 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 : Multiple Level Calibration
DataAcq Meth : PESTPCB.M

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



Response Factor Report 105

Method : C:\HPCHEM\1\METHODS\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\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\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

$\bar{x} = 3.2$
 (100%)

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

TOXC2.D 111701T.M Sat Nov 17 11:04:08 2001

Page 1

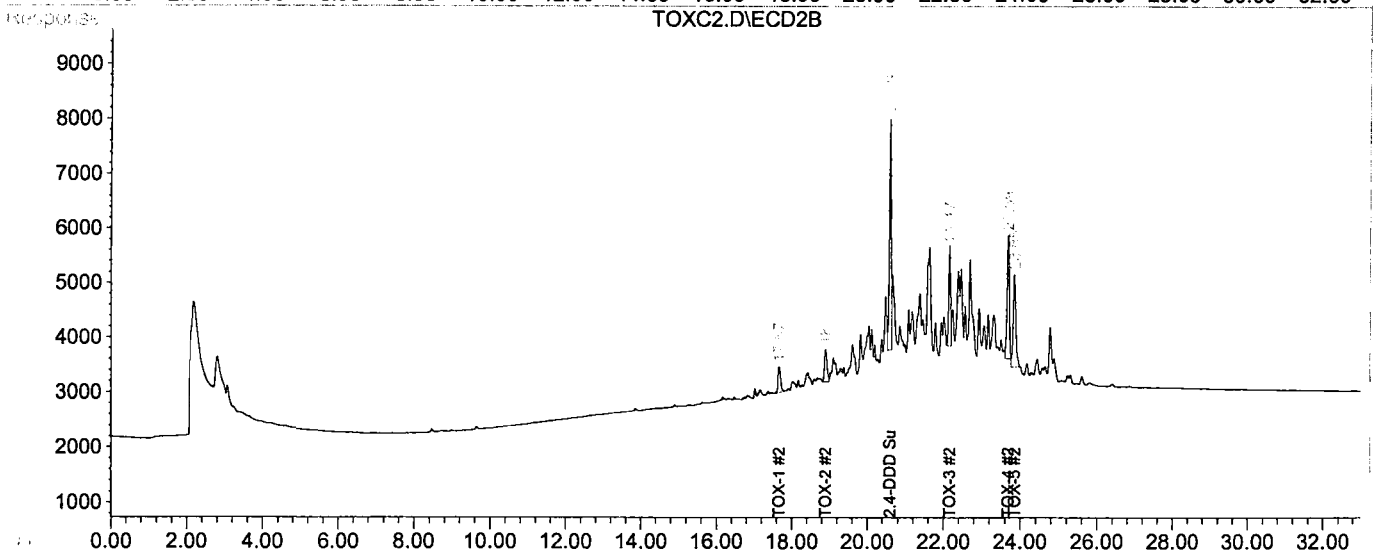
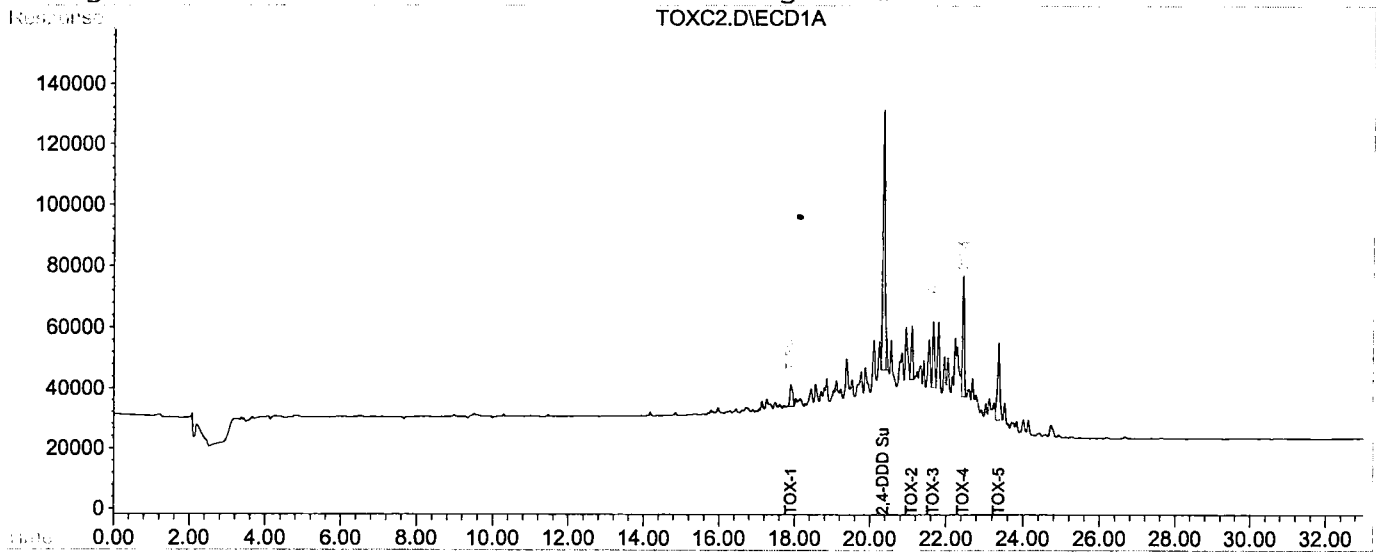
Quantitation Report

Data File : C:\HPCHEM\1\DATA\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\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\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\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

$\bar{x} = 5.7$
 (89.1)

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

TOXC3.D 111701T.M Sat Nov 17 11:05:21 2001

Page 1

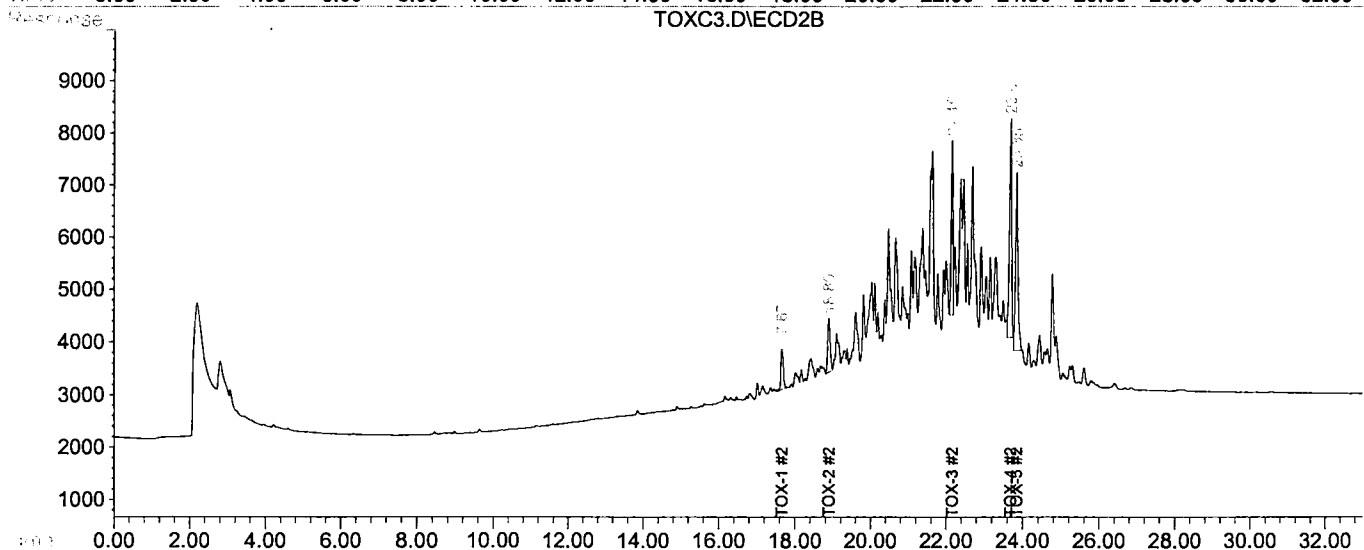
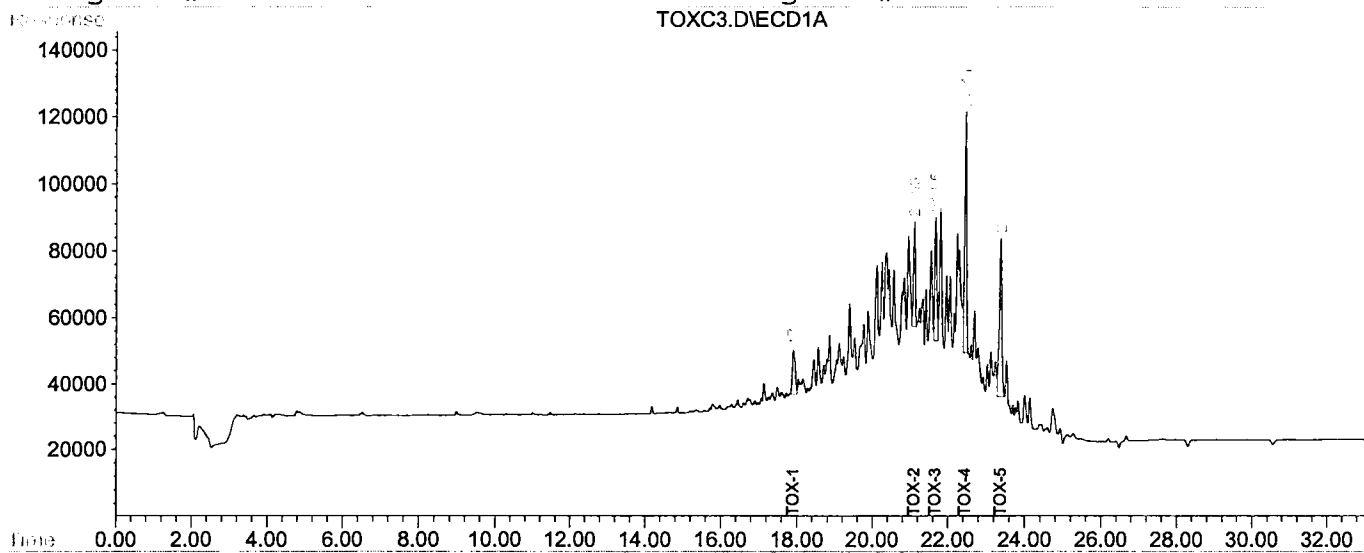
Quantitation Report

Data File : C:\HPCHEM\1\DATA\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\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 : 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\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\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#

$\bar{y} = 3.7$
 (93.1)

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

TOXUR.D 111701T.M Sat Nov 17 11:07:17 2001

Page 1

Quantitation Report

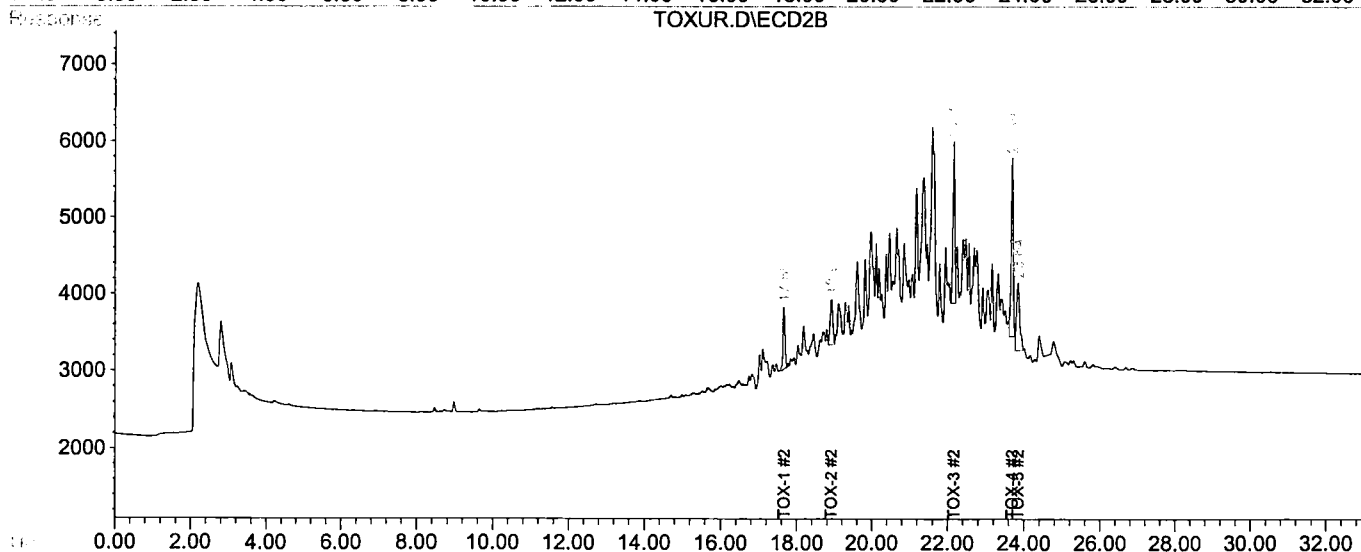
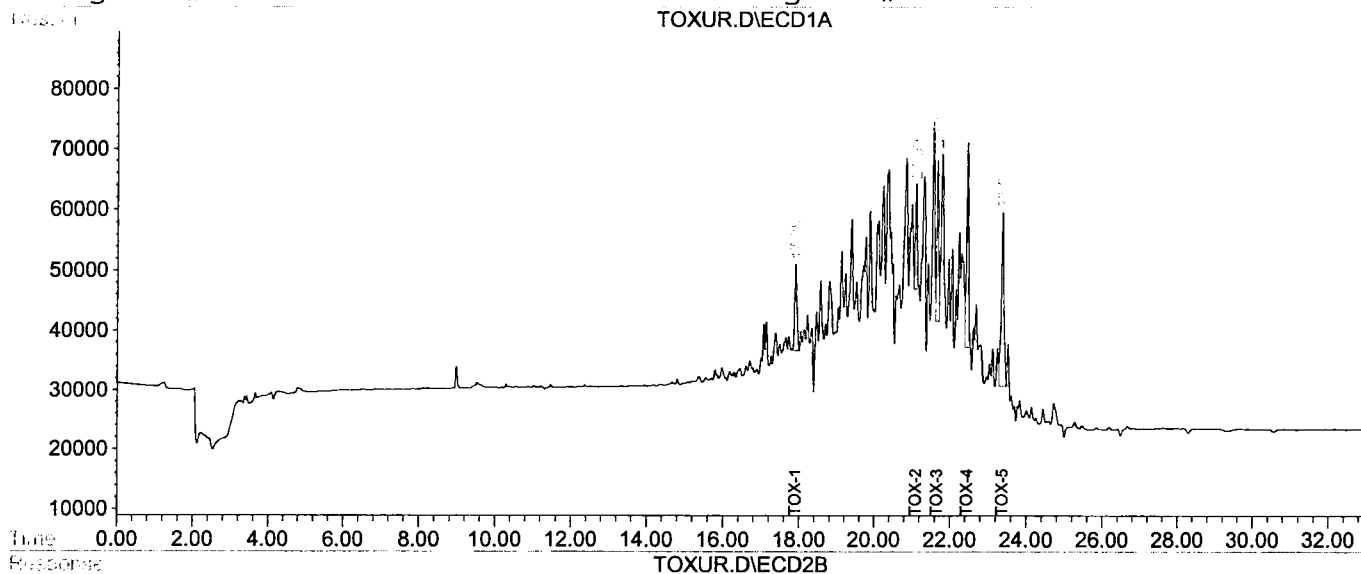
Data File : C:\HPCHEM\1\DATA\111601\TOXUR.D\ECD1A.CH Vial: 13
Acq On : 16 Nov 2010 11:42 pm Operator: Nefliu
Sample : toxaphene unextracted ref Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\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 : 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: 11/20/2001 Time: 16:08:53

Sample: AD24696
Analysis: \$RE508 Organochlorine Pesticides Reference
Units: ug
Started: 10/17/01 16:02 Ended: 11/16/01 16:02 Analyst: MN
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		0.32		0.040
2	Lindane		0.24		0.030
3	Heptachlor		0.14		0.020
4	Aldrin		0.059		0.010
5	Heptachlor Epoxide		0.23		0.030
6	4,4-DDE		0.53		0.080
7	Dieldrin		0.13		0.016
8	Endrin		0.19		0.020
9	Methoxychlor		0.42		0.039
10	Chlordane				0.40
11	Toxaphene				0.40
12	PCB's		0.19		0.20
13	Surr - 2,4-DDD		0.17		

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:09:12

Sample: AD24696
Analysis: \$Q_508 Pesticides Reference Calculation
Units: ug
Started: 10/17/01 16:08 Ended: 11/16/01 16:08 Analyst: MN
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		80.81		0.040
2	Lindane		80.00		0.030
3	Heptachlor		70.00		0.020
4	Aldrin		59.00		0.010
5	Heptachlor Epoxide		76.67		0.030
6	4,4-DDE		66.25		0.080
7	Dieldrin		81.25		0.016
8	Endrin		95.00		0.020
9	Methoxychlor		105.00		0.039
10	Chlordane		#VALUE!		0.40
11	Toxaphene		#VALUE!		0.40
12	PCB's		95.00		0.20
13	Surr_2,4-DDD		85.00		

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\1017REF2.D\ECD1A.CH Vial: 27
Acq On : 17 Nov 2010 7:09 pm Operator: Nefliu
Sample : 10/17 ref pest Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\1017REF2.D\ECD2B.CH Vial: 27
Acq On : 17 Nov 10 7:09 pm Operator: Nefliu
Sample : 10/17 ref pest Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Nov 19 9:19 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	3270779	155437	0.172	0.173
Spiked Amount	0.200		Recovery	=	86.00%	86.50%
Target Compounds						
1) Propachlor	13.19	12.65	740433	39309	0.316m	0.296m
2) g-BHC	15.27	14.81f	10350287	481259	0.236	0.247
3) Heptachlor	15.85	15.90	4509601	212488	0.136	0.129
4) Aldrin	16.60	16.82	2735946	138208	0.059	0.055
5) Heptachlor Epoxi	18.36	18.36	8032364	492514	0.231	0.240
6) 4,4-DDE	19.57	19.88	17463320	792509	0.528m	0.618m
7) Dieldrin	19.99	20.09	4659528	262428	0.128	0.109m
8) Endrin	20.50	21.04	3298764	167745	0.189m	0.191
9) Methoxychlor	23.35	24.32	1798467	153136	0.421m	0.379m

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

1017REF2.D 111901P.M Mon Nov 19 13:30:10 2001

Page 1

Quantitation Report

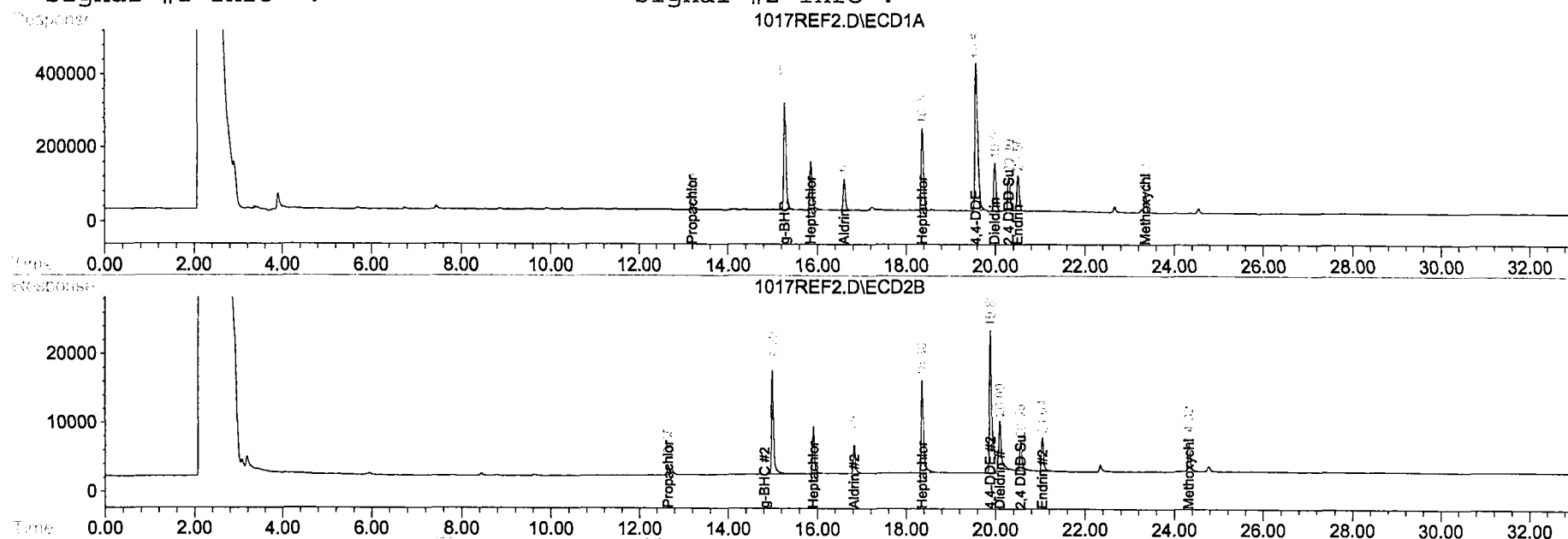
Data File : C:\HPCHEM\1\DATA\111601\1017REF2.D\ECD1A.CH Vial: 27
 Acq On : 17 Nov 2010 7:09 pm Operator: Nefliu
 Sample : 10/17 ref pest Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\1017REF2.D\ECD2B.CH Vial: 27
 Acq On : 17 Nov 101 7:09 pm Operator: Nefliu
 Sample : 10/17 ref pest Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 9:19 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\PRL1232.D\ECD1A.CH Vial: 56
 Acq On : 18 Nov 2010 4:32 pm Operator: Nefliu
 Sample : prl 1232 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\PRL1232.D\ECD2B.CH Vial: 56
 Acq On : 18 Nov 10 4:32 pm Operator: Nefliu
 Sample : prl 1232 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 16:33 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	20.22	20.48	3363827	193742	0.213	0.288 #
	Spiked Amount	0.200		Recovery	=	106.50%	144.00%

Target Compounds

1)	1232-1	12.66	13.64	61474	6388	0.139m	0.145m
2)	1232-2	13.18	14.88	201541	7929	0.156m	0.147
3)	1232-3	14.29	15.92	124559	7510	0.126m	0.115m
4)	1232-4	15.58	18.52	259719	2795	0.145m	0.169m
5)	1232-5	17.15	19.25	443691	3794	0.406m	0.208m#

Handwritten: $\bar{x} = 0.19$

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

PRL1232.D 1232508.M Mon Nov 19 16:33:58 2001

Page 1

Quantitation Report

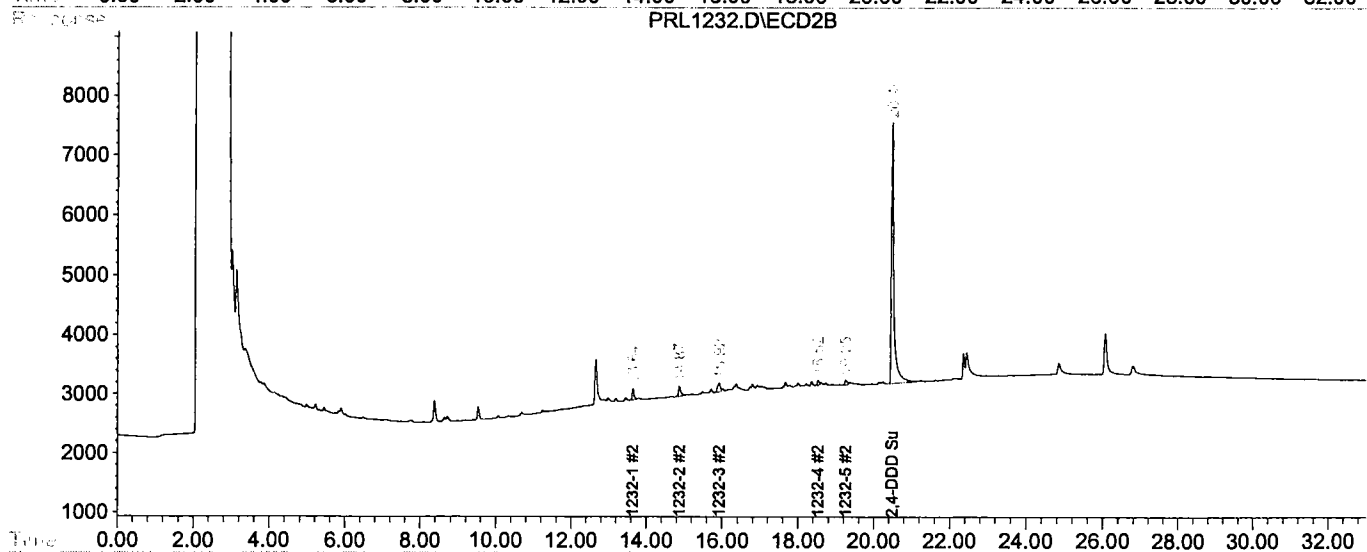
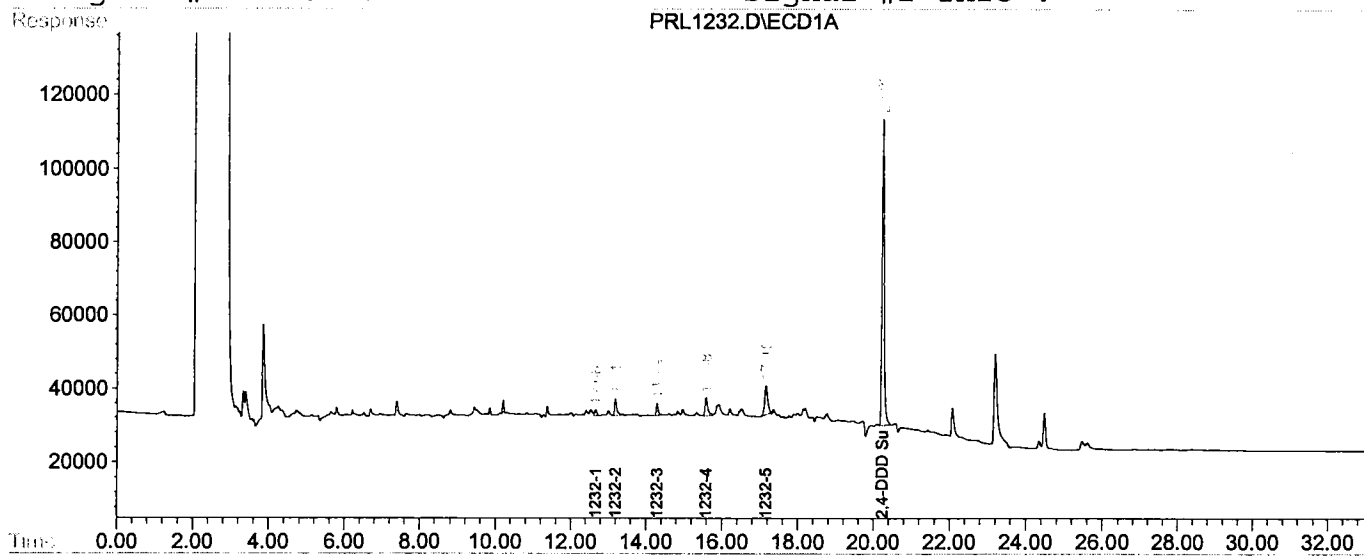
Data File : C:\HPCHEM\1\DATA\111601\PRL1232.D\ECD1A.CH Vial: 56
 Acq On : 18 Nov 2010 4:32 pm Operator: Nefliu
 Sample : prl 1232 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\PRL1232.D\ECD2B.CH Vial: 56
 Acq On : 18 Nov 101 4:32 pm Operator: Nefliu
 Sample : prl 1232 Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 16:33 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 :



User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:26:55

Sample: AD24696
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/17/01 16:08 Ended: 11/16/01 16:08 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\24696.D\ECD1A.CH Vial: 28
 Acq On : 17 Nov 2010 9:08 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24696.D\ECD2B.CH Vial: 28
 Acq On : 17 Nov 10 9:08 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:01 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	20.33	20.59	3013408	155461	0.181m	0.188m
Spiked Amount 0.200			Recovery	=	90.50%	94.00%
Target Compounds						
2) Chlordane 2	19.24	0.00	1421	0	0.000	N.D. #

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

24696.D 111701C.M Mon Nov 19 14:01:19 2001

Page 1

Quantitation Report

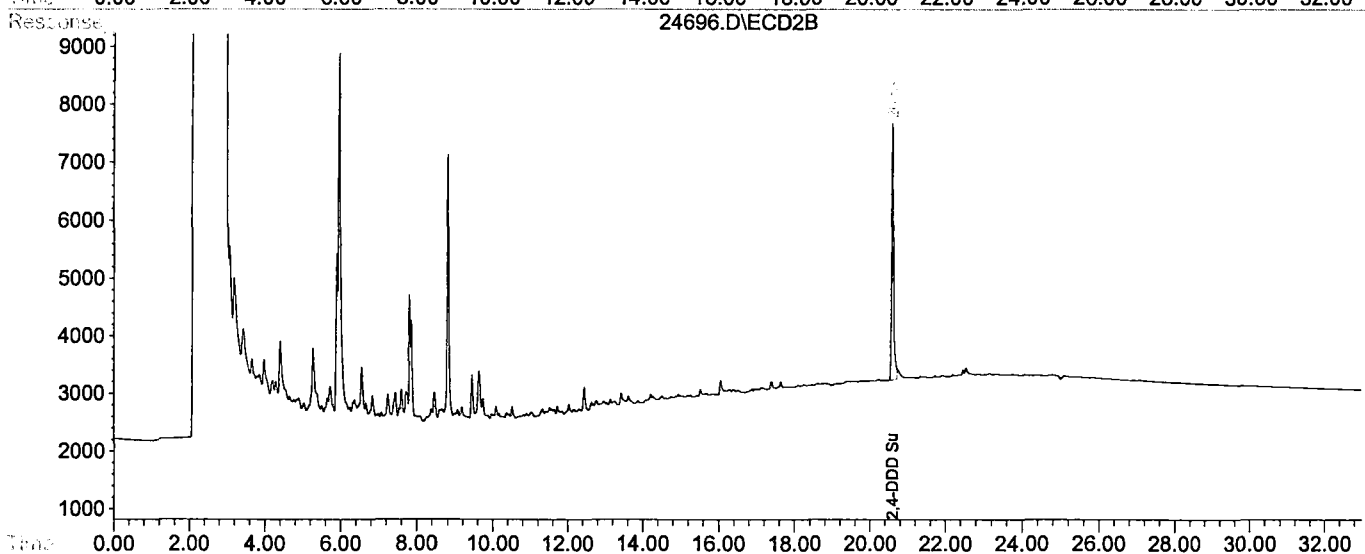
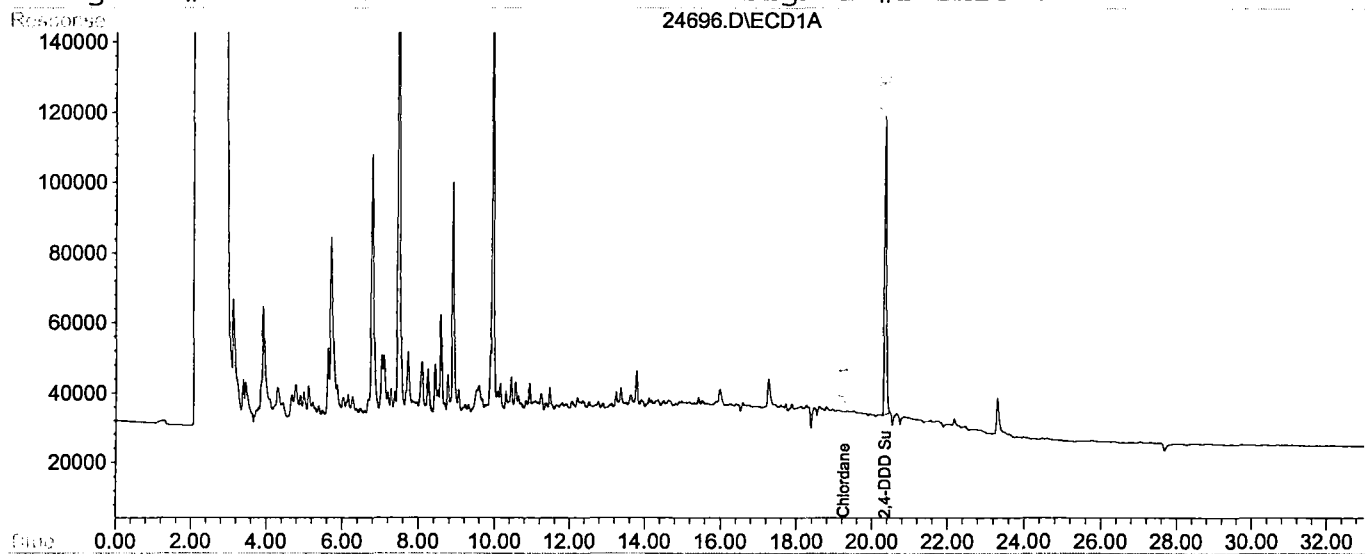
Data File : C:\HPCHEM\1\DATA\111601\24696.D\ECD1A.CH Vial: 28
 Acq On : 17 Nov 2010 9:08 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24696.D\ECD2B.CH Vial: 28
 Acq On : 17 Nov 101 9:08 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:01 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\24696.D\ECD1A.CH Vial: 28
 Acq On : 17 Nov 2010 9:08 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24696.D\ECD2B.CH Vial: 28
 Acq On : 17 Nov 101 9:08 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:22 19101 Quant Results File: 111701P.RES

Quant Method : C:\HPCHEM\1\METHODS\111701P.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	3017276	164165	0.191m	0.201
Spiked Amount	0.200		Recovery	=	95.50%	100.50%
Target Compounds						
1) Propachlor	13.23	12.64	156447	4336	0.068m	0.032m#
2) g-BHC	15.30	15.03	10799	303	0.000m	0.000 #
3) Heptachlor	15.87	15.84f	5088	648	0.000	0.000 #
4) Aldrin	16.66	16.85	3894	218	0.000	0.000
6) 4,4-DDE	19.63	19.75	2689	315	0.000	0.000 #
7) Dieldrin	20.03	20.23f	6375	866	0.000	0.000 #
9) Methoxychlor	23.48	0.00	2405	0	0.001	N.D. #

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

24696.D 111701P.M Mon Nov 19 13:22:32 2001

Page 1

Quantitation Report

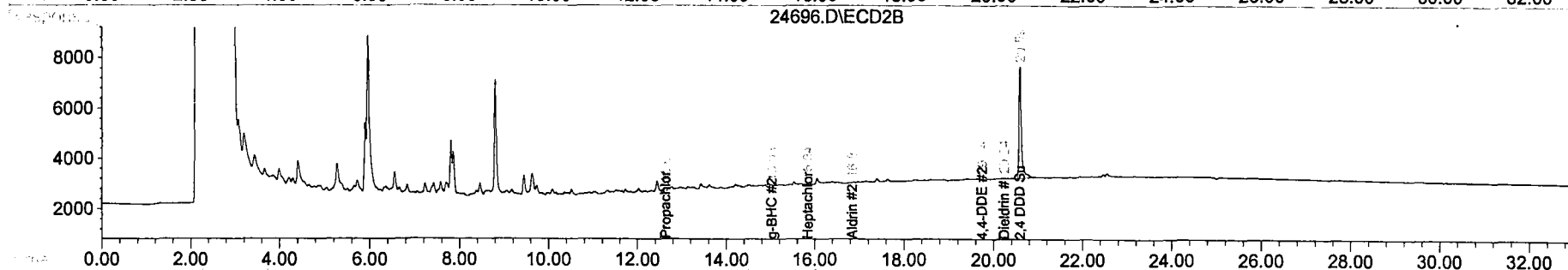
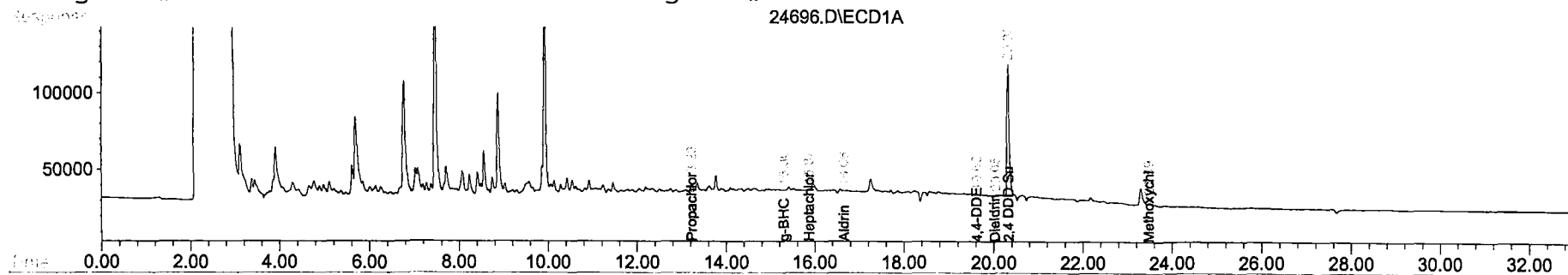
Data File : C:\HPCHEM\1\DATA\111601\24696.D\ECD1A.CH Vial: 28
 Acq On : 17 Nov 2010 9:08 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24696.D\ECD2B.CH Vial: 28
 Acq On : 17 Nov 101 9:08 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:22 19101 Quant Results File: 111701P.RES

Quant Method : C:\HPCHEM\1\METHODS\111701P.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\24696.D\ECD1A.CH Vial: 28
 Acq On : 17 Nov 2010 9:08 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24696.D\ECD2B.CH Vial: 28
 Acq On : 17 Nov 10 9:08 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:26 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	3053814	155865	0.194m	0.232m
Spiked Amount	0.200		Recovery	=	97.00%	116.00%

Target Compounds

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

24696.D 111701T.M Mon Nov 19 14:26:42 2001

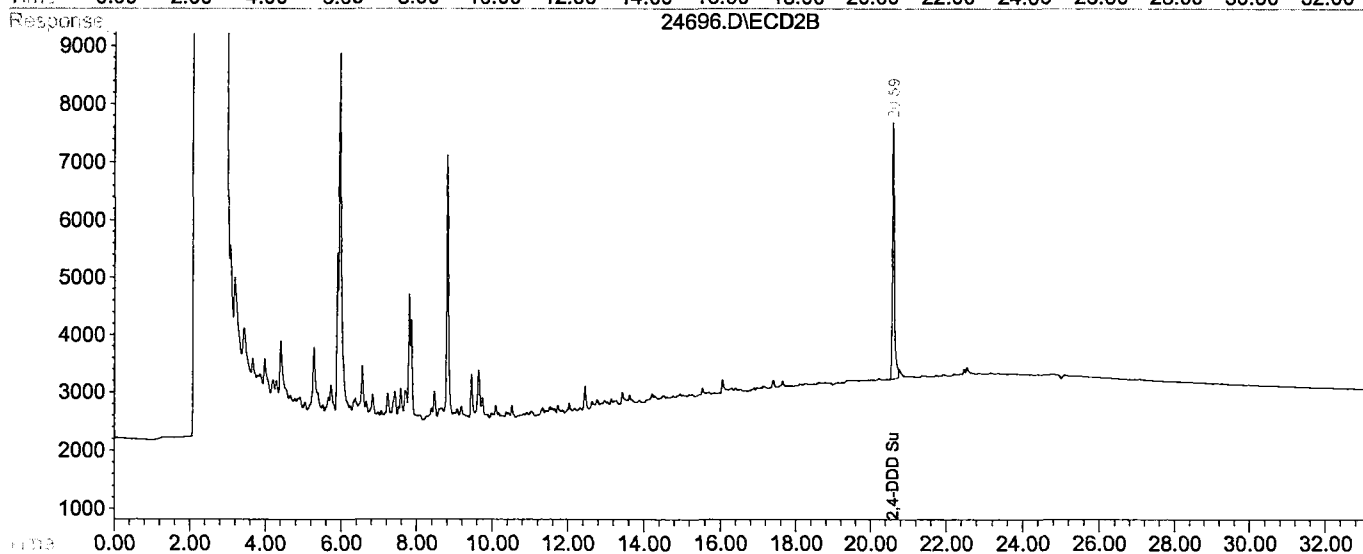
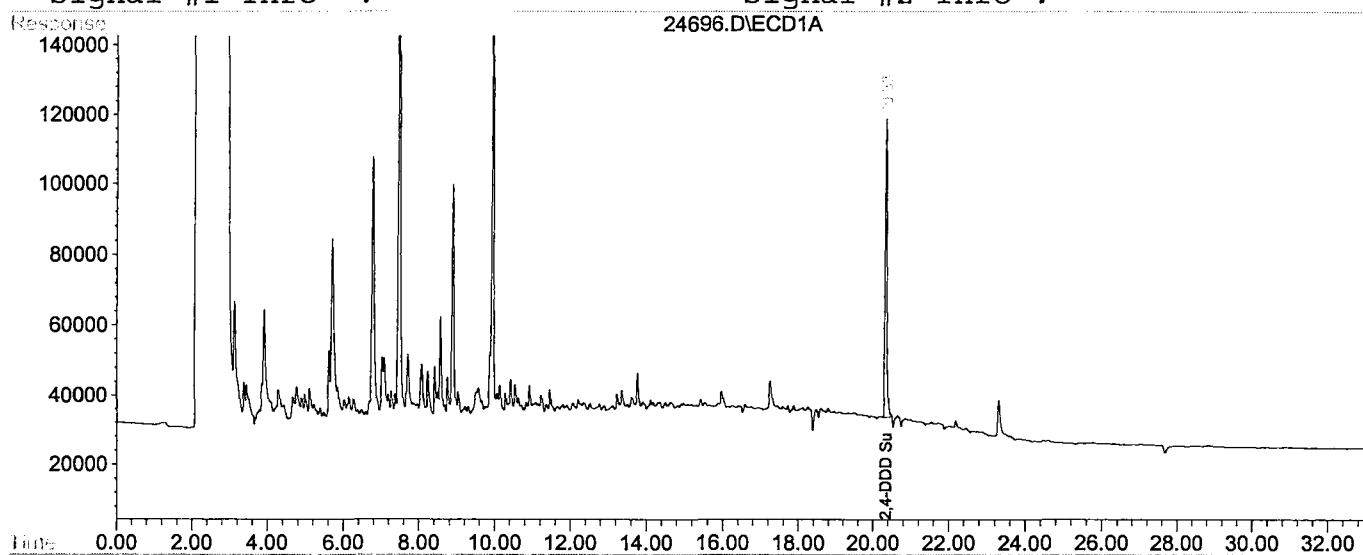
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24696.D\ECD1A.CH Vial: 28
Acq On : 17 Nov 2010 9:08 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24696.D\ECD2B.CH Vial: 28
Acq On : 17 Nov 101 9:08 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:26 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\24696.D\ECD1A.CH Vial: 28
 Acq On : 17 Nov 2010 9:08 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24696.D\ECD2B.CH Vial: 28
 Acq On : 17 Nov 101 9:08 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 16:23 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	20.33	20.59	3025189	156745	0.192m	0.233m
Spiked Amount	0.200		Recovery	=	96.00%	116.50%

Target Compounds

1) 1232-1	0.00	13.62	0	2133	N.D. d	0.048
2) 1232-2	0.00	14.96	0	816	N.D. d	0.015
3) 1232-3	14.34	16.05	18754	6890	0.019	0.105 #
4) 1232-4	15.71	18.62	1399	1096	0.001	0.066 #
5) 1232-5	17.25	0.00	355419	0	0.325	N.D. d#

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

24696.D 1232508.M Mon Nov 19 16:23:12 2001

Page 1

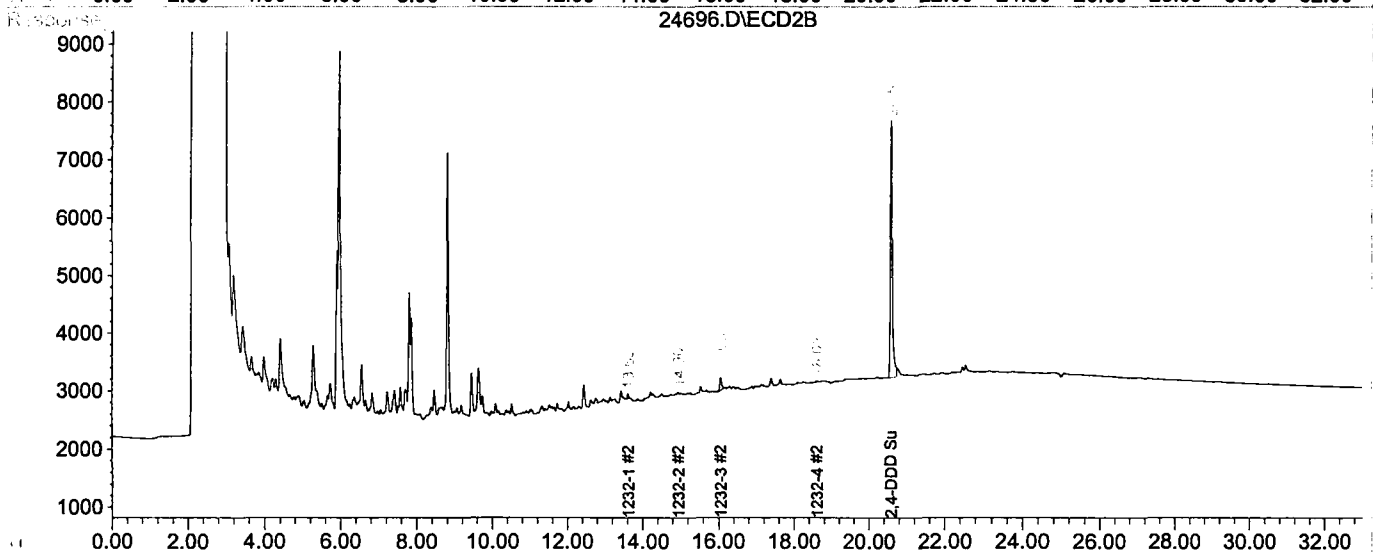
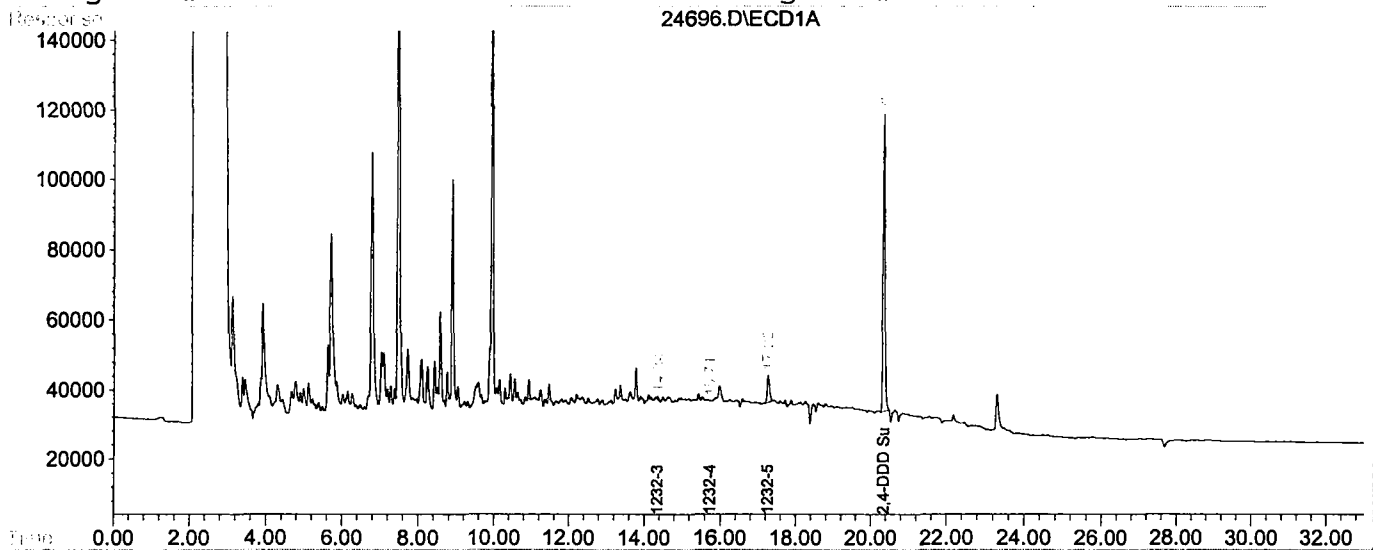
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24696.D\ECD1A.CH Vial: 28
Acq On : 17 Nov 2010 9:08 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24696.D\ECD2B.CH Vial: 28
Acq On : 17 Nov 2010 9:08 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 16:23 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 AD24696 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-26-2001 Time: 15:56:25

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

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 11:30:10

Sample: AD24697
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/17/01 16:08 Ended: 11/16/01 16:08 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\24697.D\ECD1A.CH Vial: 29
Acq On : 17 Nov 2010 10:20 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24697.D\ECD2B.CH Vial: 29
Acq On : 17 Nov 101 10:20 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:01 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	20.34	20.59	2797799	143645	0.168m	0.174
	Spiked Amount	0.200		Recovery	=	84.00%	87.00%

Target Compounds

2)	Chlordane 2	19.11	0.00	9368	0	0.003	N.D. #
3)	Chlordane 3	19.46	0.00	2767	0	0.001	N.D. #

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

24697.D 111701C.M Mon Nov 19 14:01:47 2001

Page 1

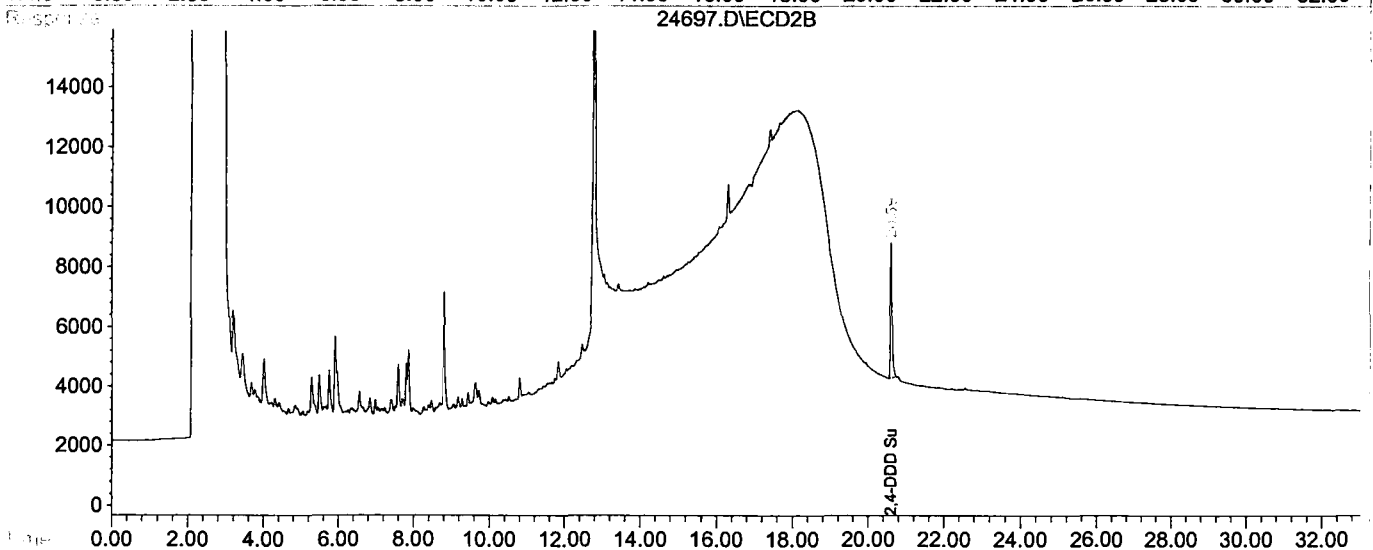
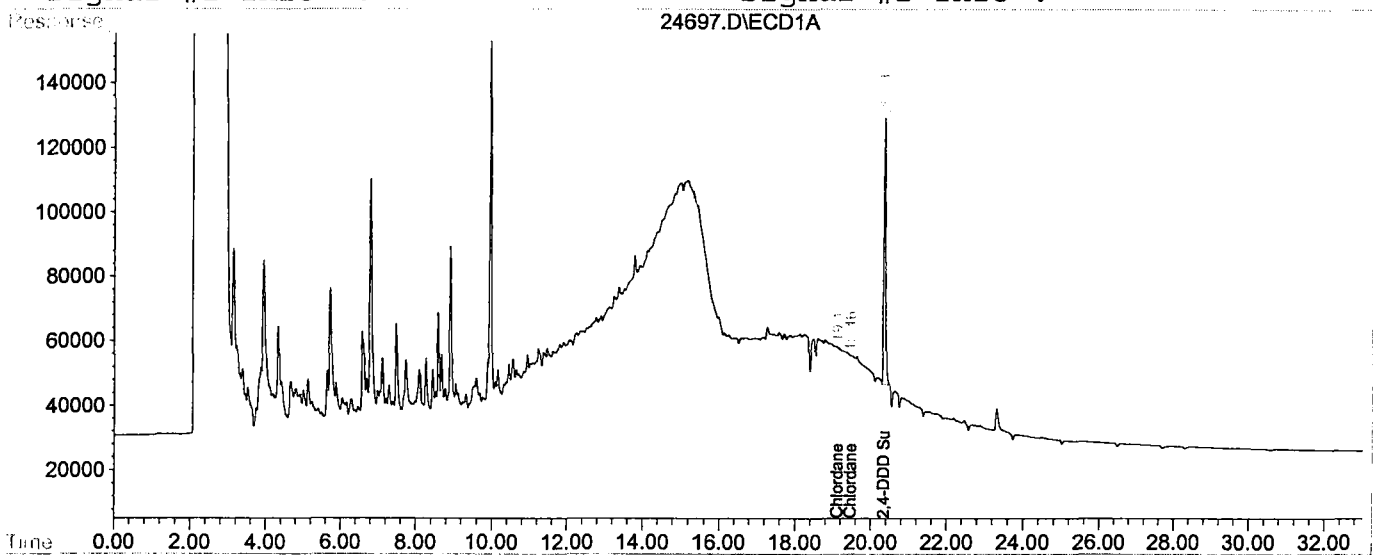
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24697.D\ECD1A.CH Vial: 29
Acq On : 17 Nov 2010 10:20 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24697.D\ECD2B.CH Vial: 29
Acq On : 17 Nov 101 10:20 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:01 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\24697.D\ECD1A.CH Vial: 29
 Acq On : 17 Nov 2010 10:20 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24697.D\ECD2B.CH Vial: 29
 Acq On : 17 Nov 101 10:20 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E
 Quant Time: Nov 19 13:23 19101 Quant Results File: 111701P.RES

Quant Method : C:\HPCHEM\1\METHODS\111701P.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	20.34	20.59	2761926	143747	0.174m	0.176
Spiked Amount 0.200			Recovery	=	87.00%	88.00%
Target Compounds						
4) Aldrin	16.67	16.85	7510	3606	0.000	0.002 #

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

24697.D 111701P.M Mon Nov 19 13:24:03 2001

Page 1

Quantitation Report

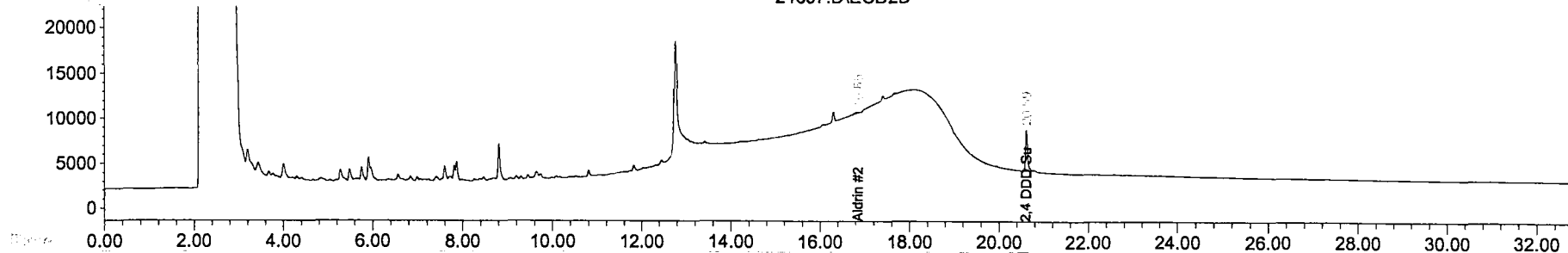
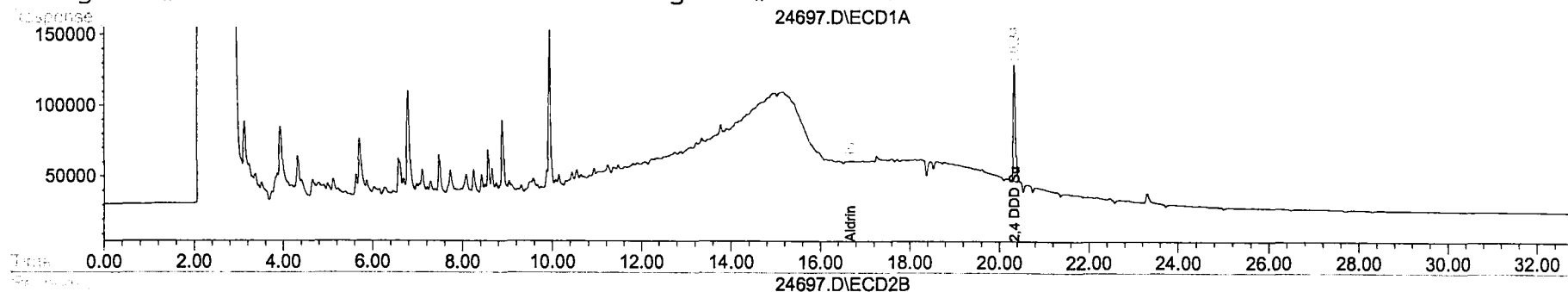
Data File : C:\HPCHEM\1\DATA\111601\24697.D\ECD1A.CH Vial: 29
Acq On : 17 Nov 2010 10:20 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24697.D\ECD2B.CH Vial: 29
Acq On : 17 Nov 101 10:20 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Nov 19 13:23 19101 Quant Results File: 111701P.RES

Quant Method : C:\HPCHEM\1\METHODS\111701P.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\24697.D\ECD1A.CH Vial: 29
 Acq On : 17 Nov 2010 10:20 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24697.D\ECD2B.CH Vial: 29
 Acq On : 17 Nov 101 10:20 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:27 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	20.34	20.59	2742625	147518	0.174m	0.220m#
Spiked Amount	0.200		Recovery	=	87.00%	110.00%
Target Compounds						
1) TOX-1	17.87	17.39f	3056030	3328228	28.770	479.860 #
3) TOX-3	21.54	0.00	1794928	0	7.515	N.D. #

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

24697.D 111701T.M Mon Nov 19 14:27:32 2001

Page 1

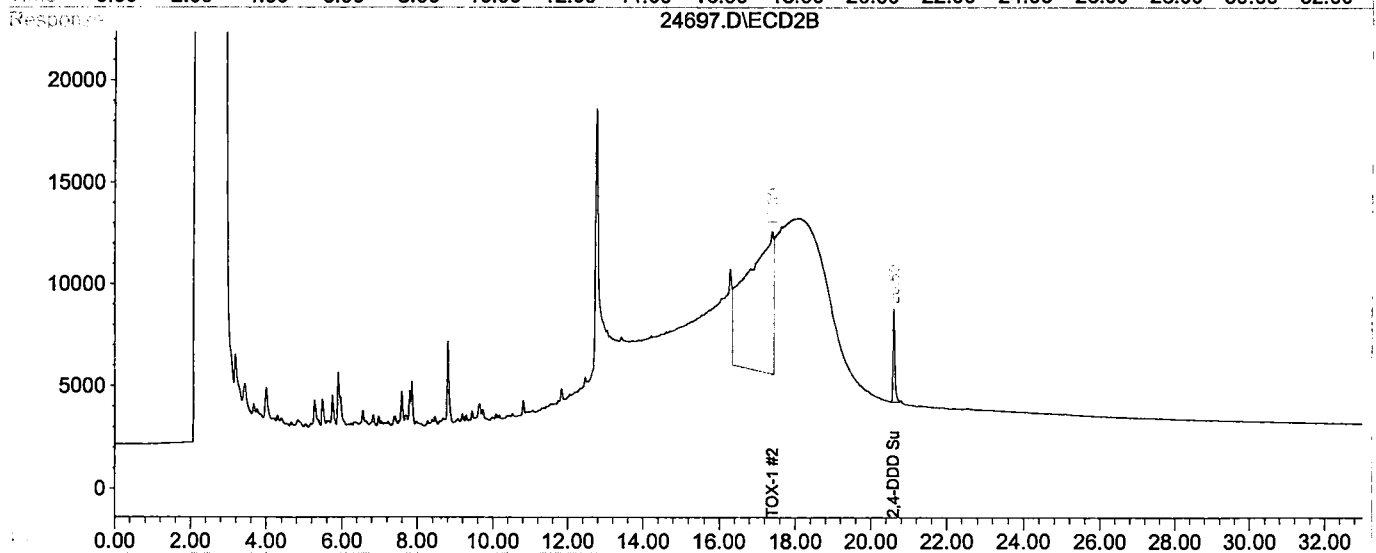
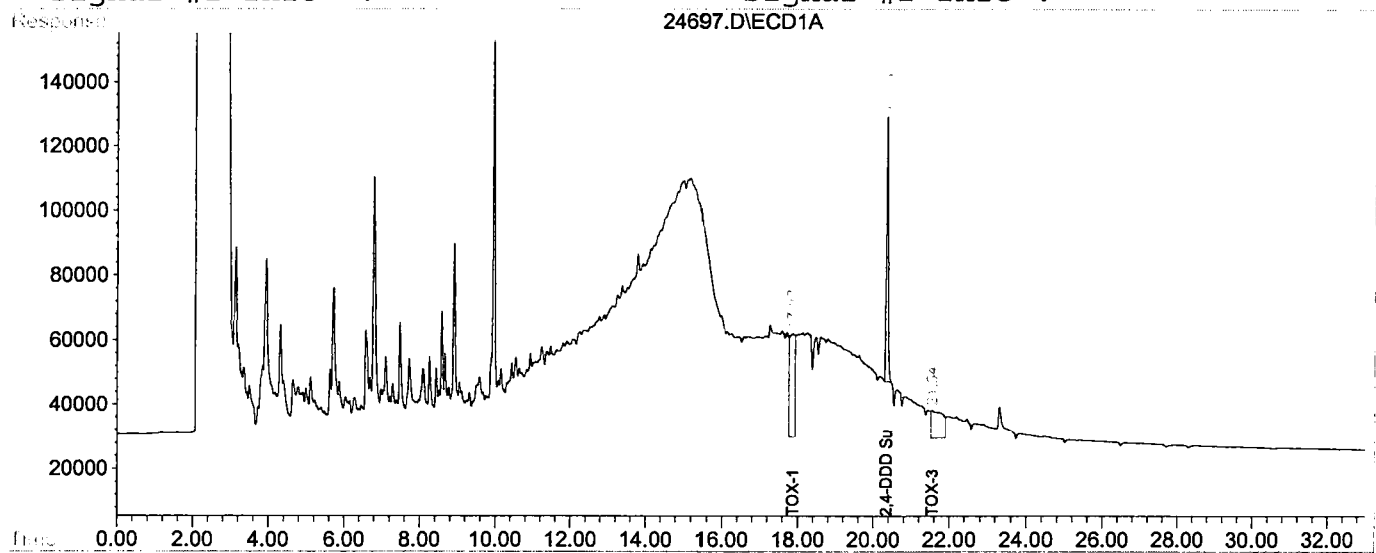
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24697.D\ECD1A.CH Vial: 29
Acq On : 17 Nov 2010 10:20 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24697.D\ECD2B.CH Vial: 29
Acq On : 17 Nov 101 10:20 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:27 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\24697.D\ECD1A.CH Vial: 29
 Acq On : 17 Nov 2010 10:20 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24697.D\ECD2B.CH Vial: 29
 Acq On : 17 Nov 101 10:20 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 16:23 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	20.34	20.59	2729583	143747	0.173m	0.214
Spiked Amount	0.200		Recovery	=	86.50%	107.00%
Target Compounds						
1) 1232-1	0.00	13.73	0	1809	N.D. d	0.041
2) 1232-2	13.24	14.96	54414	1420	0.042	0.026 #
3) 1232-3	14.37	0.00	26664	0	0.027	N.D. #
5) 1232-5	17.27	0.00	119486	0	0.109	N.D. #

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

24697.D 1232508.M Mon Nov 19 16:23:49 2001

Page 1

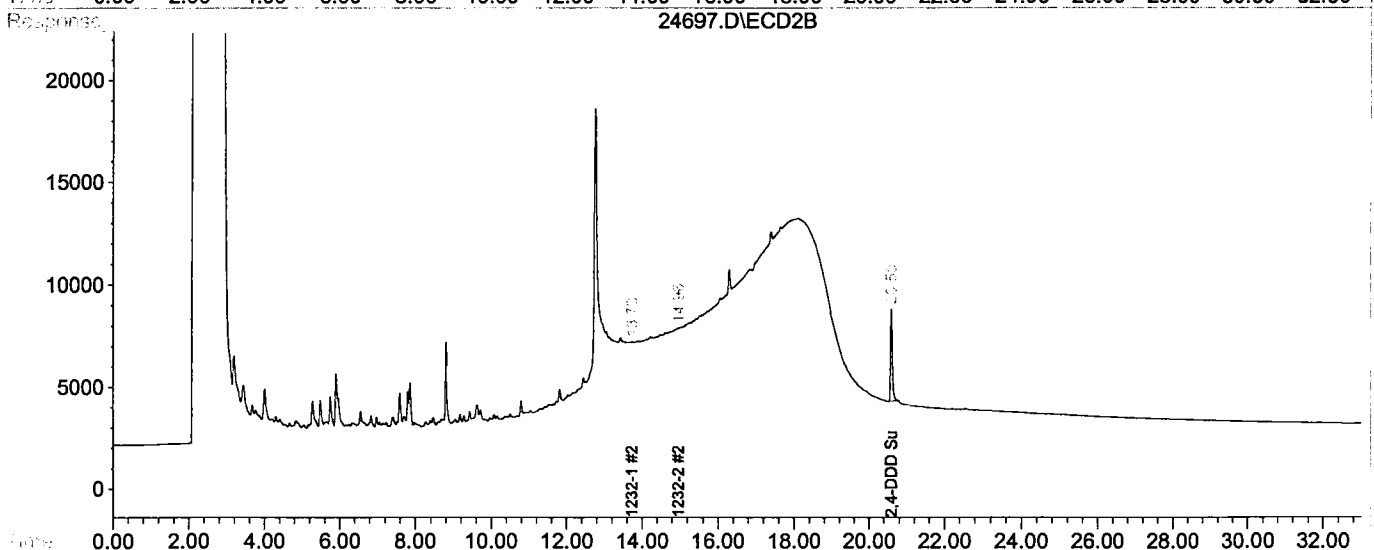
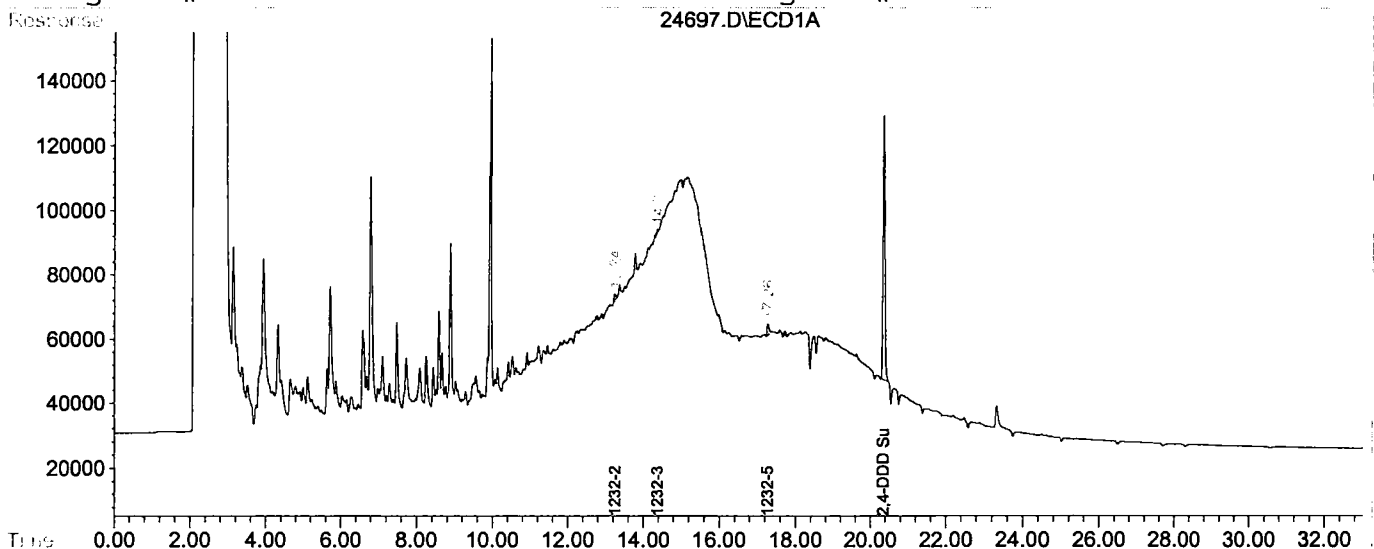
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24697.D\ECD1A.CH Vial: 29
 Acq On : 17 Nov 2010 10:20 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24697.D\ECD2B.CH Vial: 29
 Acq On : 17 Nov 10 10:20 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 16:23 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 AD24697 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-26-2001 Time: 15:57:48

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

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:27:32

Sample: AD24698
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/17/01 16:08 Ended: 11/16/01 16:08 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\24698.D\ECD1A.CH Vial: 30
 Acq On : 17 Nov 2010 12:13 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24698.D\ECD2B.CH Vial: 30
 Acq On : 17 Nov 10 12:13 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:01 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	20.32	20.58	2870964	152615	0.173	0.185
Spiked Amount	0.200		Recovery	=	86.50%	92.50%
Target Compounds						
1) Chlordane 1	18.76	15.52	36827	3969	0.043	0.051
2) Chlordane 2	19.23	0.00	1815	0	0.001	N.D. #
3) Chlordane 3	19.34	0.00	1661	0	0.000	N.D. #

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

24698.D 111701C.M Mon Nov 19 14:02:10 2001

Page 1

Quantitation Report

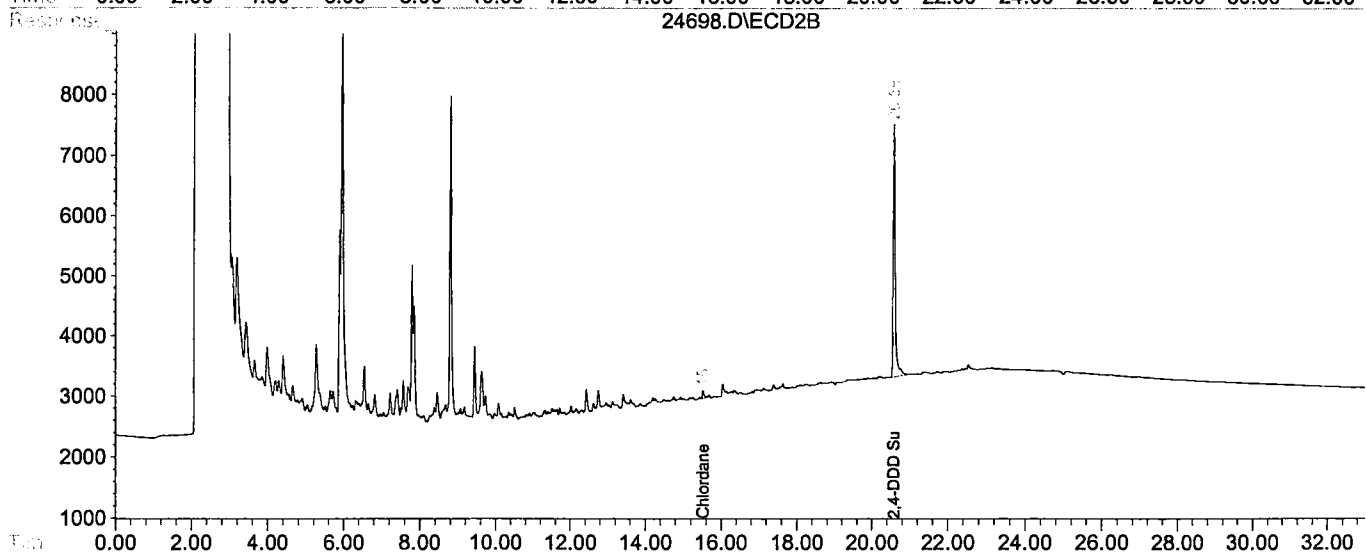
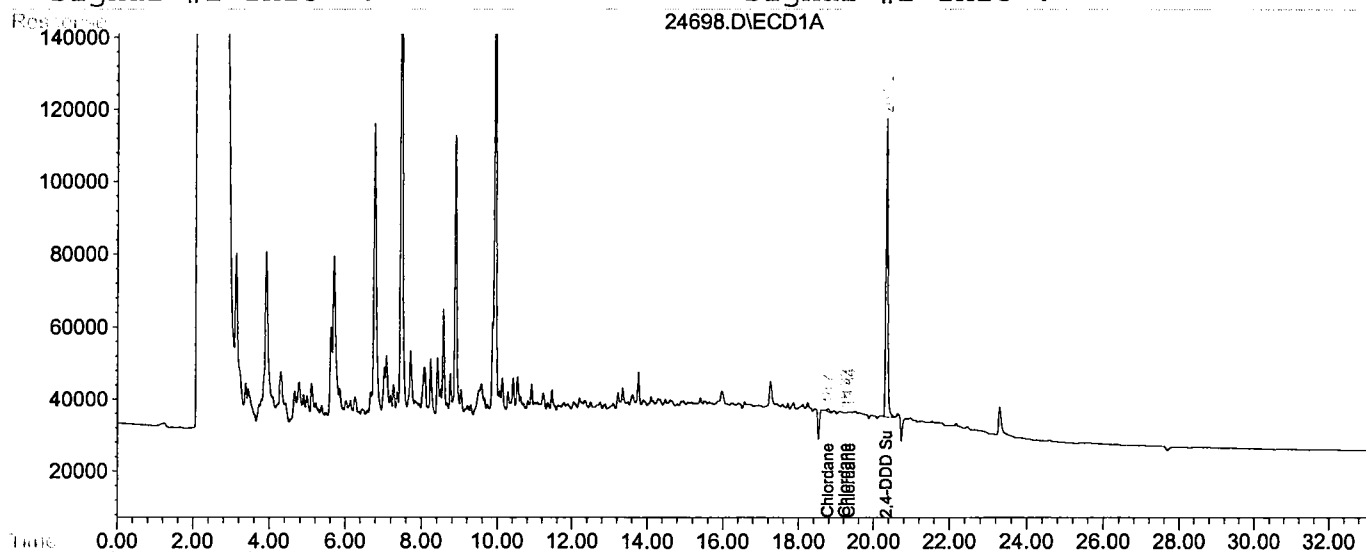
Data File : C:\HPCHEM\1\DATA\111601\24698.D\ECD1A.CH Vial: 30
 Acq On : 17 Nov 2010 12:13 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24698.D\ECD2B.CH Vial: 30
 Acq On : 17 Nov 10 12:13 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:01 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\24698.D\ECD1A.CH Vial: 30
 Acq On : 17 Nov 2010 12:13 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24698.D\ECD2B.CH Vial: 30
 Acq On : 17 Nov 101 12:13 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E
 Quant Time: Nov 19 13:26 19101 Quant Results File: 111701P.RES

Quant Method : C:\HPCHEM\1\METHODS\111701P.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	20.32	20.58	2871143	153504	0.181	0.188
Spiked Amount 0.200			Recovery	=	90.50%	94.00%
Target Compounds						
1) Propachlor	13.22	12.63	158757	4200	0.069m	0.031m#
2) g-BHC	15.29	15.02	8135	337	0.000	0.000
3) Heptachlor	15.86	15.95	354	405	0.000	0.000 #
4) Aldrin	16.65	16.83	3111	1036	0.000	0.000 #
6) 4,4-DDE	19.61	19.91	14453	401	0.000	0.000 #
7) Dieldrin	20.03	20.22f	12505	1328	0.000	0.001 #

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

24698.D 111701P.M

Mon Nov 19 13:26:56 2001

Page 1

Quantitation Report

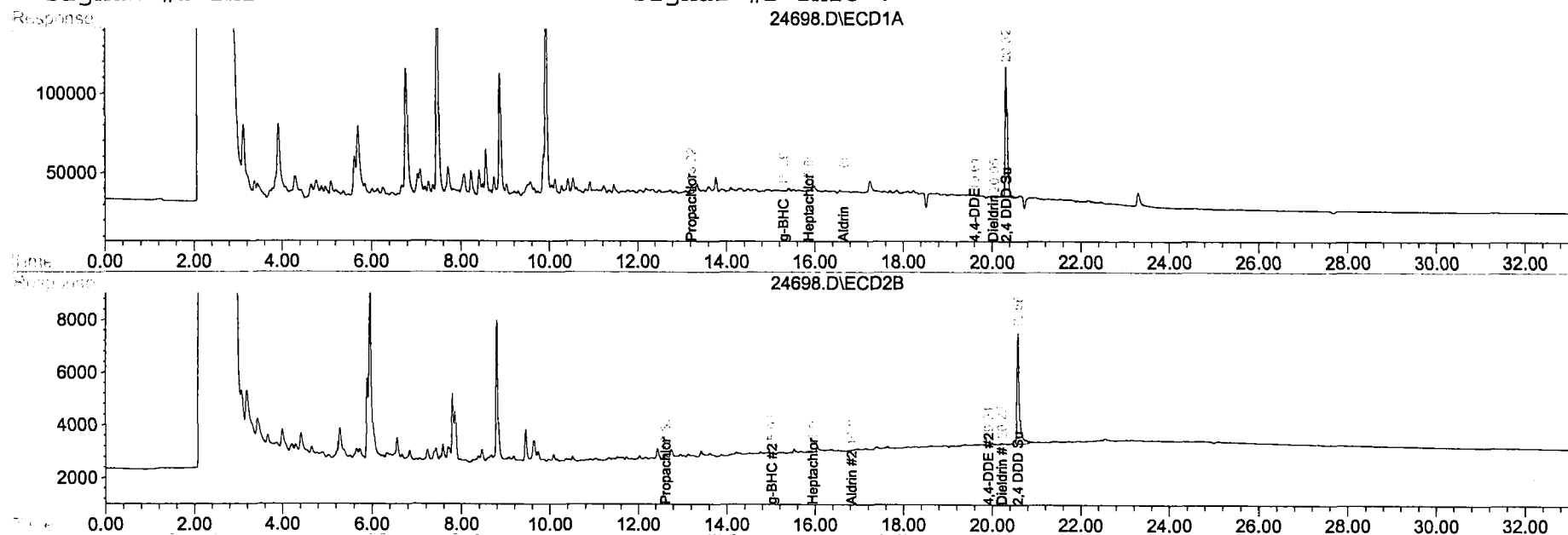
Data File : C:\HPCHEM\1\DATA\111601\24698.D\ECD1A.CH Vial: 30
Acq On : 17 Nov 2010 12:13 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24698.D\ECD2B.CH Vial: 30
Acq On : 17 Nov 10 12:13 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Nov 19 13:26 19101 Quant Results File: 111701P.RES

Quant Method : C:\HPCHEM\1\METHODS\111701P.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\24698.D\ECD1A.CH Vial: 30
 Acq On : 17 Nov 2010 12:13 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24698.D\ECD2B.CH Vial: 30
 Acq On : 17 Nov 10 12:13 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:28 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	20.32	20.58	2870622	147446	0.182m	0.219
Spiked Amount	0.200		Recovery	=	91.00%	109.50%

Target Compounds

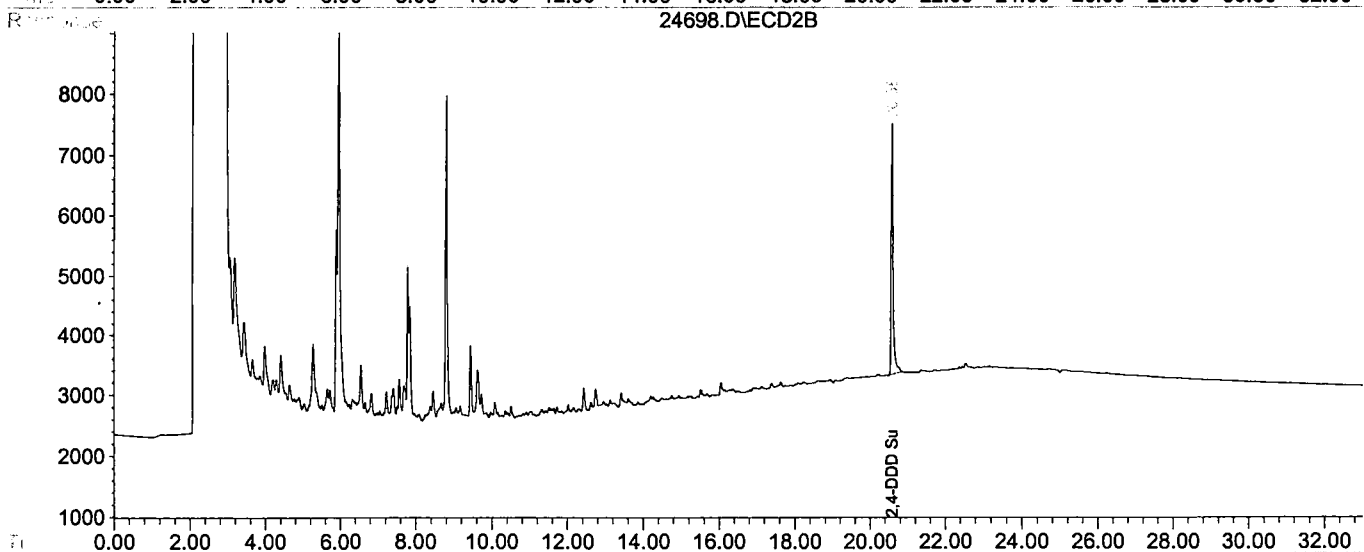
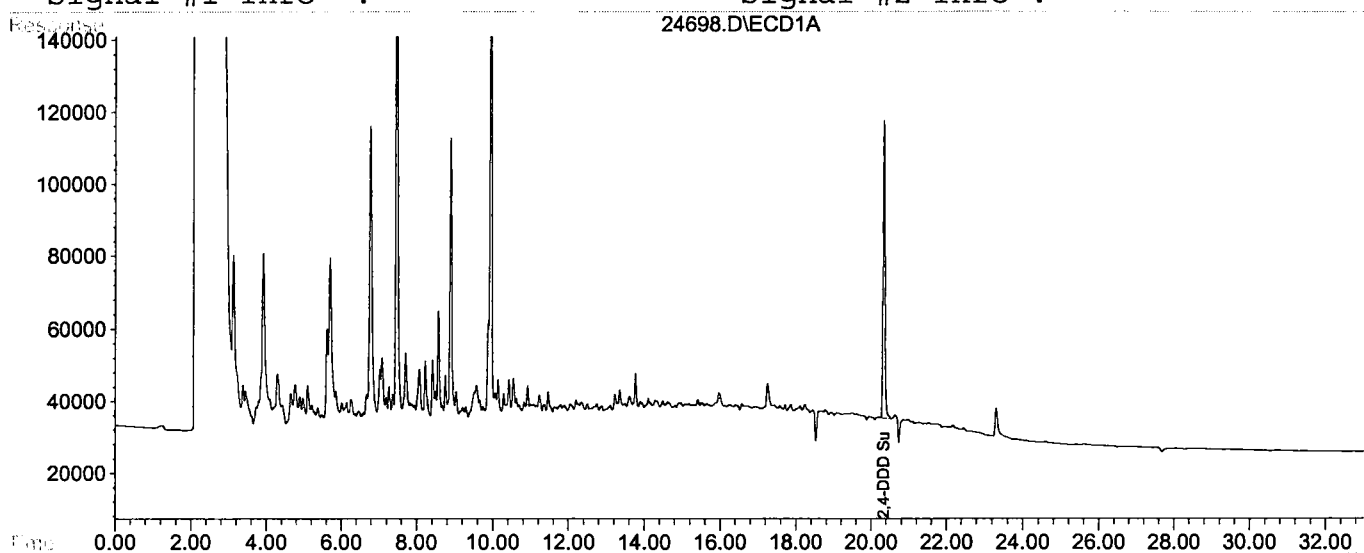
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24698.D\ECD1A.CH Vial: 30
 Acq On : 17 Nov 2010 12:13 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24698.D\ECD2B.CH Vial: 30
 Acq On : 17 Nov 101 12:13 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:28 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\24698.D\ECD1A.CH Vial: 30
 Acq On : 17 Nov 2010 12:13 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24698.D\ECD2B.CH Vial: 30
 Acq On : 17 Nov 101 12:13 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 16:24 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	20.32	20.58	2871143	153504	0.182	0.228 #
Spiked Amount	0.200		Recovery	=	91.00%	114.00%

Target Compounds

1) 1232-1	12.58	0.00	3258	0	0.007	N.D. d#
2) 1232-2	0.00	14.95	0	1511	N.D. d	0.028
3) 1232-3	14.33	16.05	11642	5553	0.012	0.085 #
4) 1232-4	15.70	18.63	5228	1446	0.003	0.088 #
5) 1232-5	17.25	19.37	299850	2024	0.274	0.111 #

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

24698.D 1232508.M Mon Nov 19 16:24:24 2001

Page 1

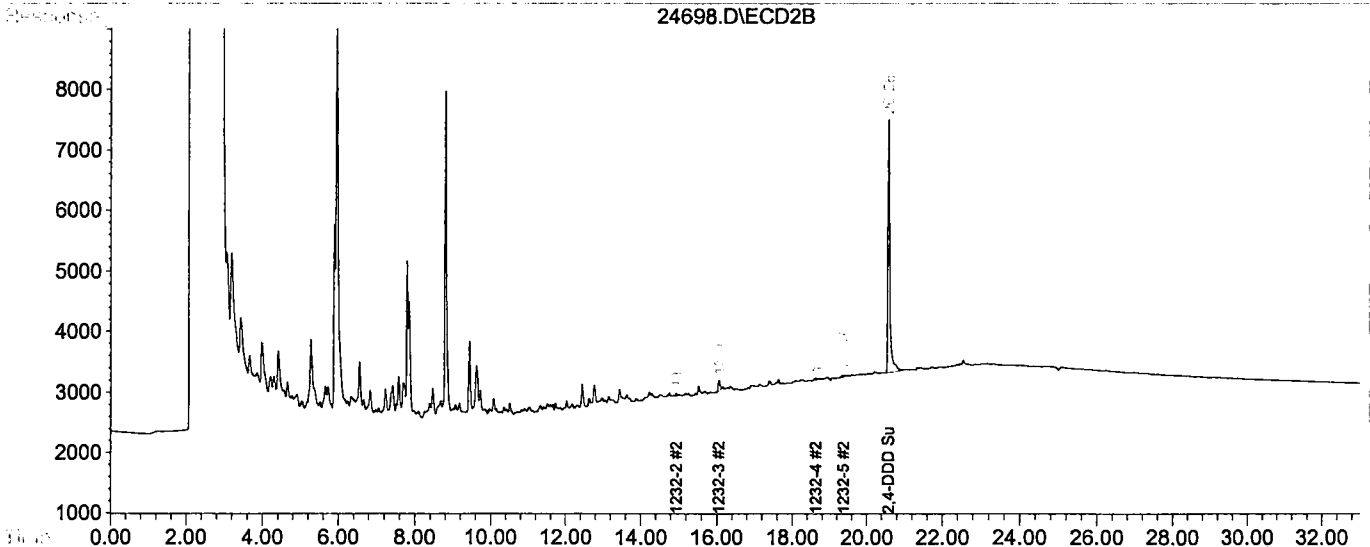
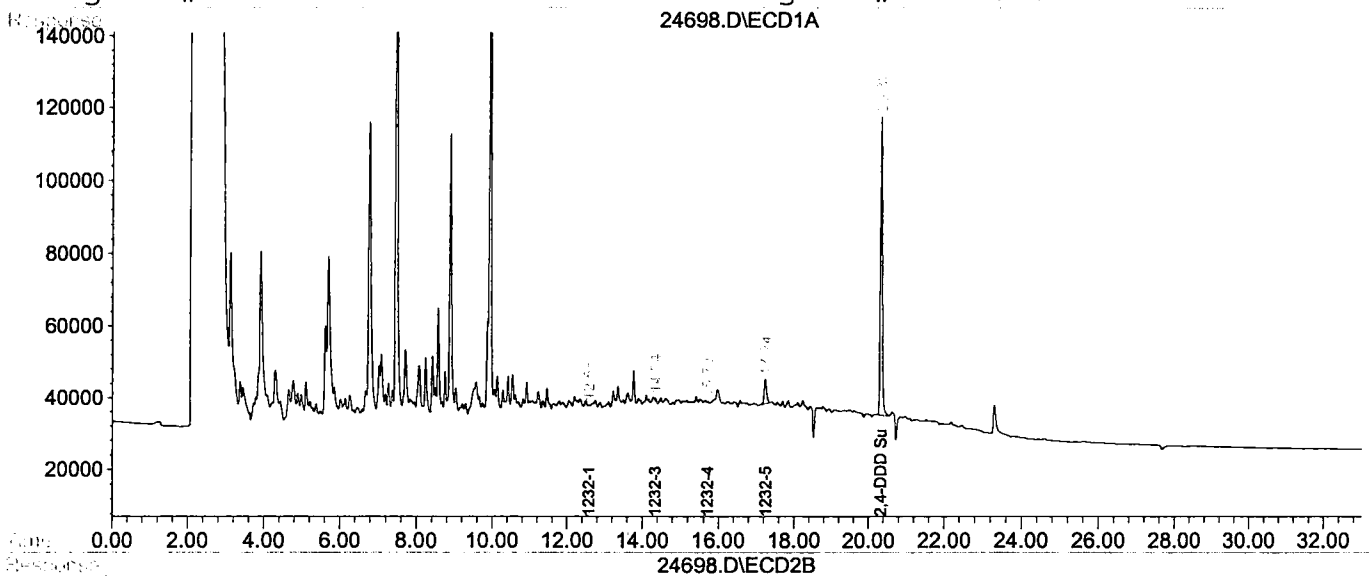
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24698.D\ECD1A.CH Vial: 30
 Acq On : 17 Nov 2010 12:13 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24698.D\ECD2B.CH Vial: 30
 Acq On : 17 Nov 101 12:13 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 16:24 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 AD24698 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-26-2001 Time: 15:58:47

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

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:28:15

Sample: AD24699
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/17/01 16:08 Ended: 11/16/01 16:08 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)

Data File : C:\HPCHEM\1\DATA\111601\24699.D\ECD1A.CH Vial: 31
Acq On : 17 Nov 2010 9:40 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24699.D\ECD2B.CH Vial: 31
Acq On : 17 Nov 101 9:40 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:02 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	3495457	182853	0.210	0.222
	Spiked Amount	0.200		Recovery	=	105.00%	111.00%

Target Compounds

1)	Chlordane 1	18.91	15.50	27704	2365	0.032	0.030
2)	Chlordane 2	19.20	0.00	200	0	0.000	N.D. #
3)	Chlordane 3	19.31	0.00	8995	0	0.002	N.D. #

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

24699.D 111701C.M Mon Nov 19 14:02:32 2001

Page 1

Quantitation Report

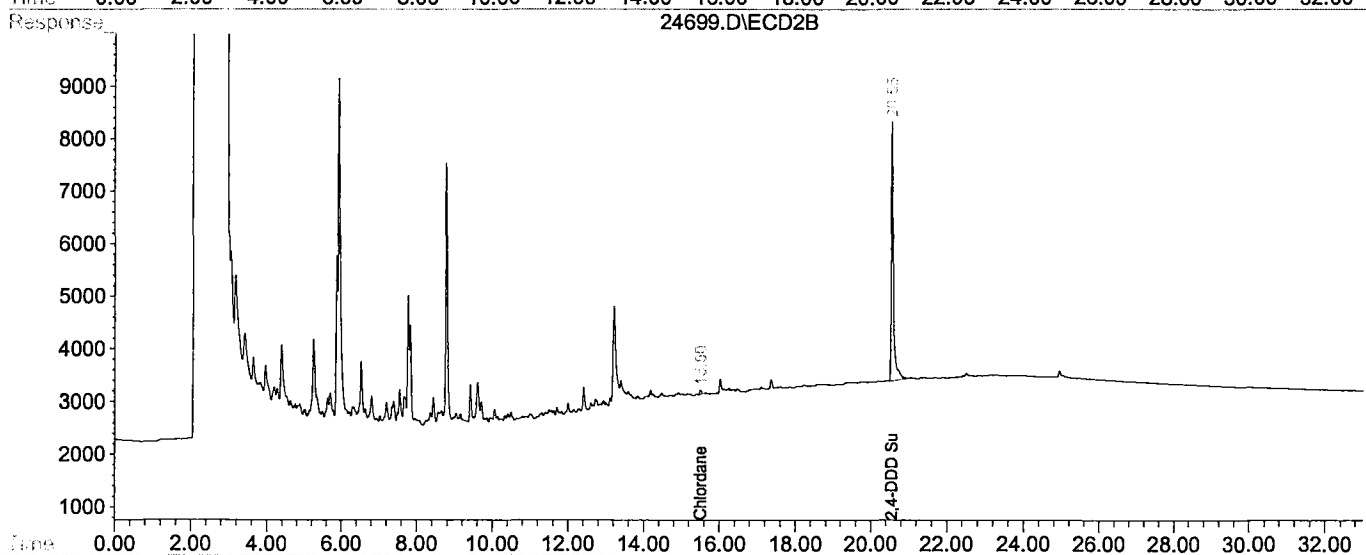
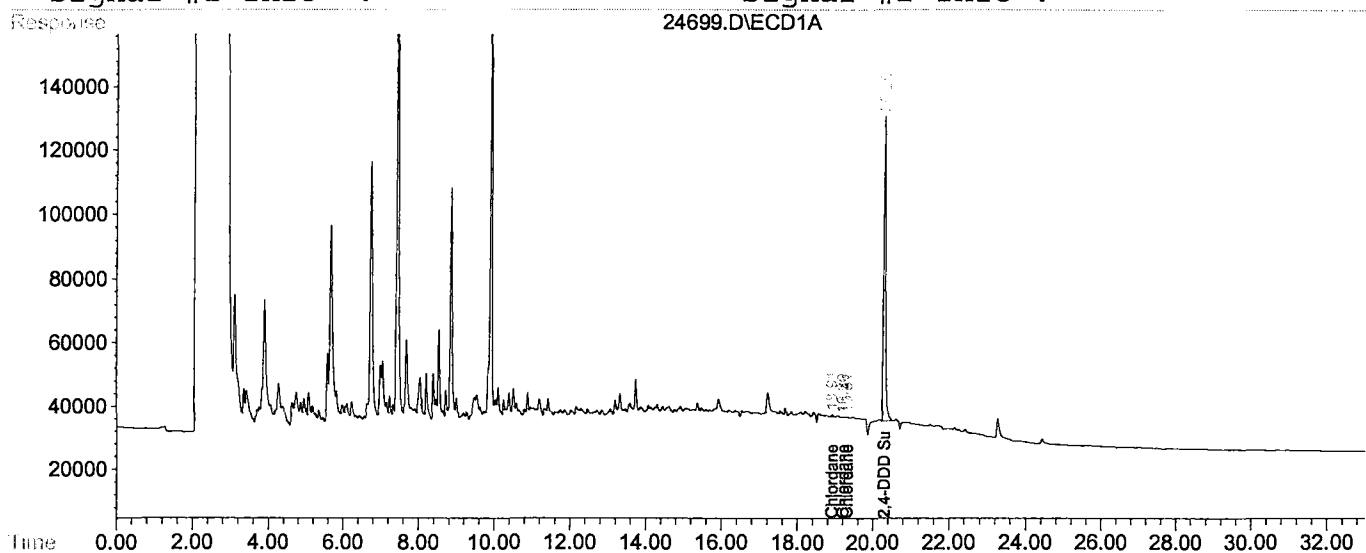
Data File : C:\HPCHEM\1\DATA\111601\24699.D\ECD1A.CH Vial: 31
 Acq On : 17 Nov 2010 9:40 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24699.D\ECD2B.CH Vial: 31
 Acq On : 17 Nov 101 9:40 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:02 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\24699.D\ECD1A.CH Vial: 31
 Acq On : 17 Nov 2010 9:40 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24699.D\ECD2B.CH Vial: 31
 Acq On : 17 Nov 101 9:40 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:31 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	3495322	183399	0.184	0.204
	Spiked Amount	0.200		Recovery	=	92.00%	102.00%

Target Compounds

1)	Propachlor	13.19	12.61	150866	3648	0.064m	0.028m#
2)	g-BHC	0.00	15.05	0	280	N.D. d	0.000
3)	Heptachlor	15.83	15.93	5446	309	0.000	0.000
4)	Aldrin	16.70	16.82	32350	250	0.001	0.000 #
5)	Heptachlor Epoxi	0.00	18.23f	0	1518	N.D. d	0.001
6)	4,4-DDE	19.58	19.98	3167	337	0.000	0.000 #
7)	Dieldrin	0.00	20.20f	0	861	N.D. d	0.000
8)	Endrin	0.00	21.05	0	296	N.D. d	0.000

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

24699.D 111901P.M Mon Nov 19 13:31:36 2001

Page 1

Quantitation Report

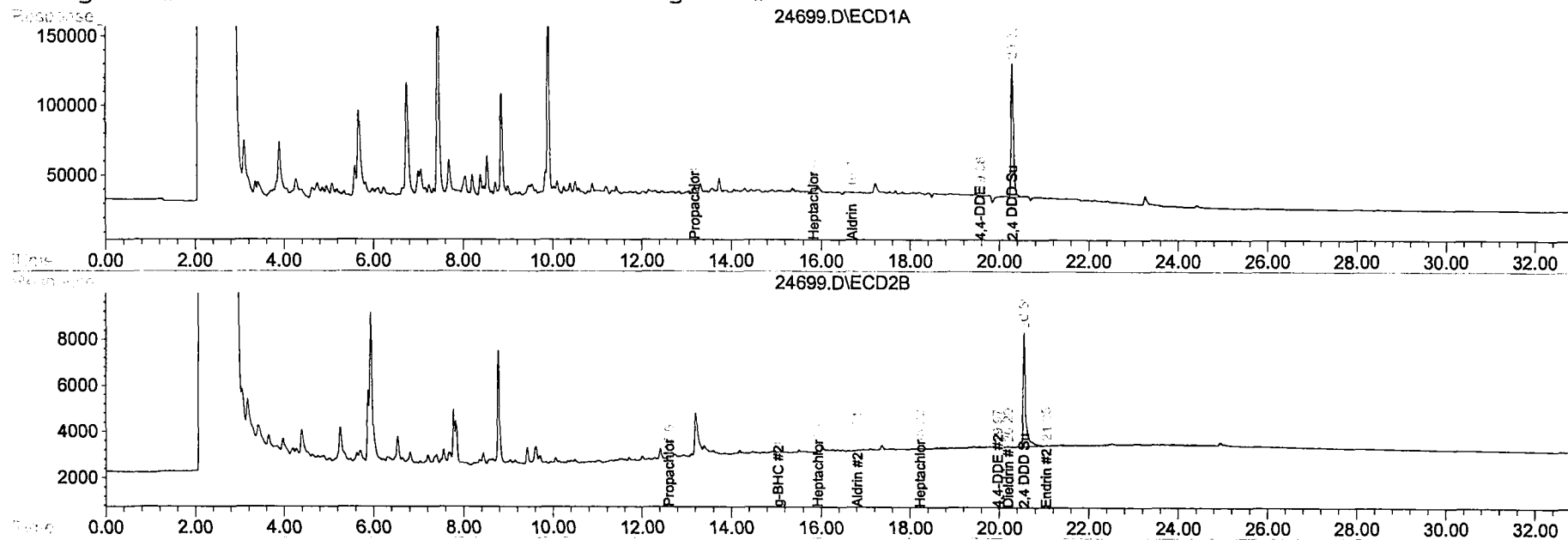
Data File : C:\HPCHEM\1\DATA\111601\24699.D\ECD1A.CH Vial: 31
 Acq On : 17 Nov 2010 9:40 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24699.D\ECD2B.CH Vial: 31
 Acq On : 17 Nov 101 9:40 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:31 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\24699.D\ECD1A.CH Vial: 31
Acq On : 17 Nov 2010 9:40 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24699.D\ECD2B.CH Vial: 31
Acq On : 17 Nov 101 9:40 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:28 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	3490595	168338	0.222m	0.251m
Spiked Amount	0.200		Recovery	=	111.00%	125.50%

Target Compounds

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

24699.D 111701T.M Mon Nov 19 14:29:01 2001

Page 1

Quantitation Report

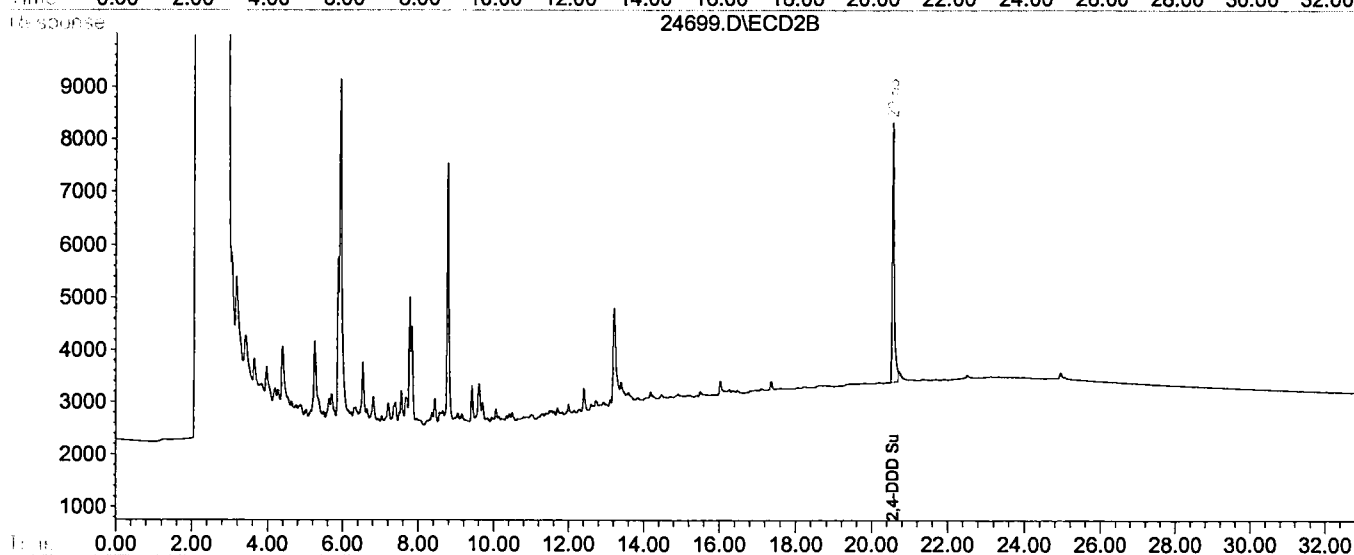
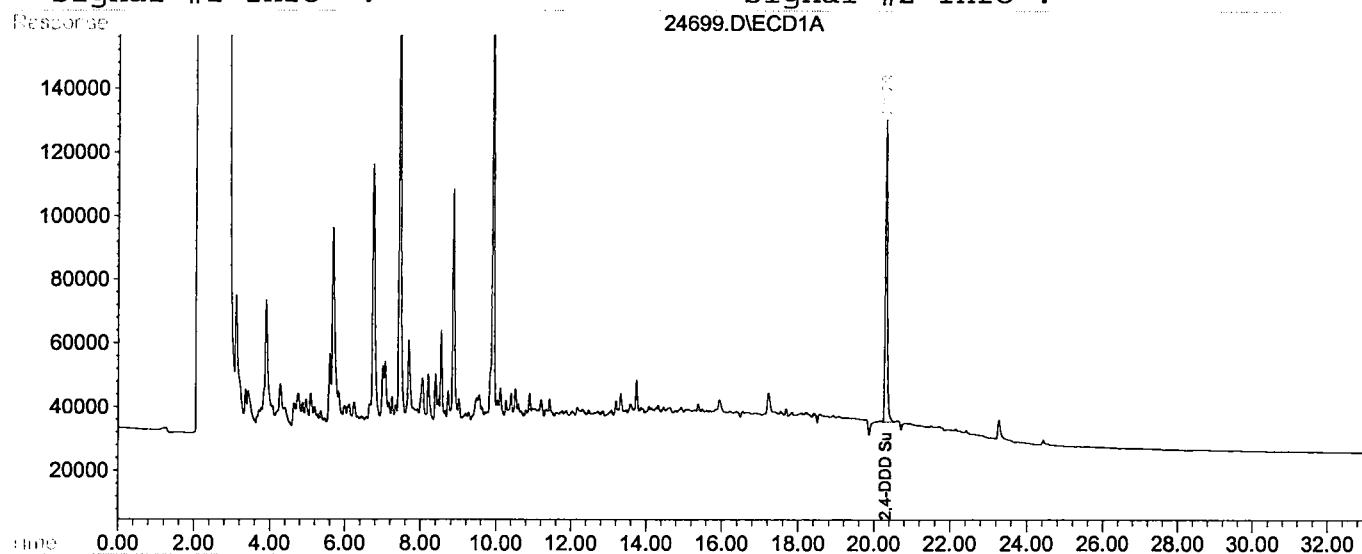
Data File : C:\HPCHEM\1\DATA\111601\24699.D\ECD1A.CH Vial: 31
Acq On : 17 Nov 2010 9:40 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24699.D\ECD2B.CH Vial: 31
Acq On : 17 Nov 101 9:40 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:28 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\24699.D\ECD1A.CH Vial: 31
 Acq On : 17 Nov 2010 9:40 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24699.D\ECD2B.CH Vial: 31
 Acq On : 17 Nov 101 9:40 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 16:24 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	20.55	3495322	183399	0.222	0.273
Spiked Amount	0.200		Recovery	=	111.00%	136.50%

Target Compounds

1)	1232-1	12.63	13.85	5124	1615	0.012	0.037 #
2)	1232-2	13.32	14.92	165283	2190	0.128	0.040 #
3)	1232-3	0.00	16.02	0	7466	N.D. d	0.114
4)	1232-4	15.69	18.61	12763	124	0.007	0.008
5)	1232-5	17.22	19.42	302177	1616	0.277	0.089 #

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

24699.D 1232508.M Mon Nov 19 16:24:59 2001

Page 1

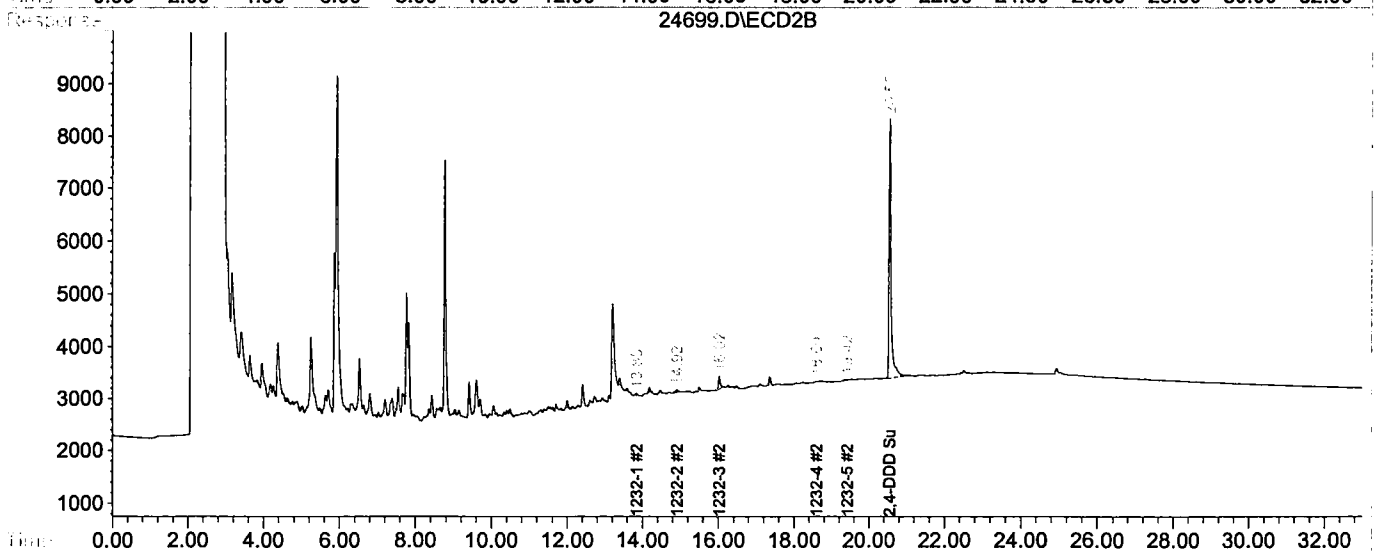
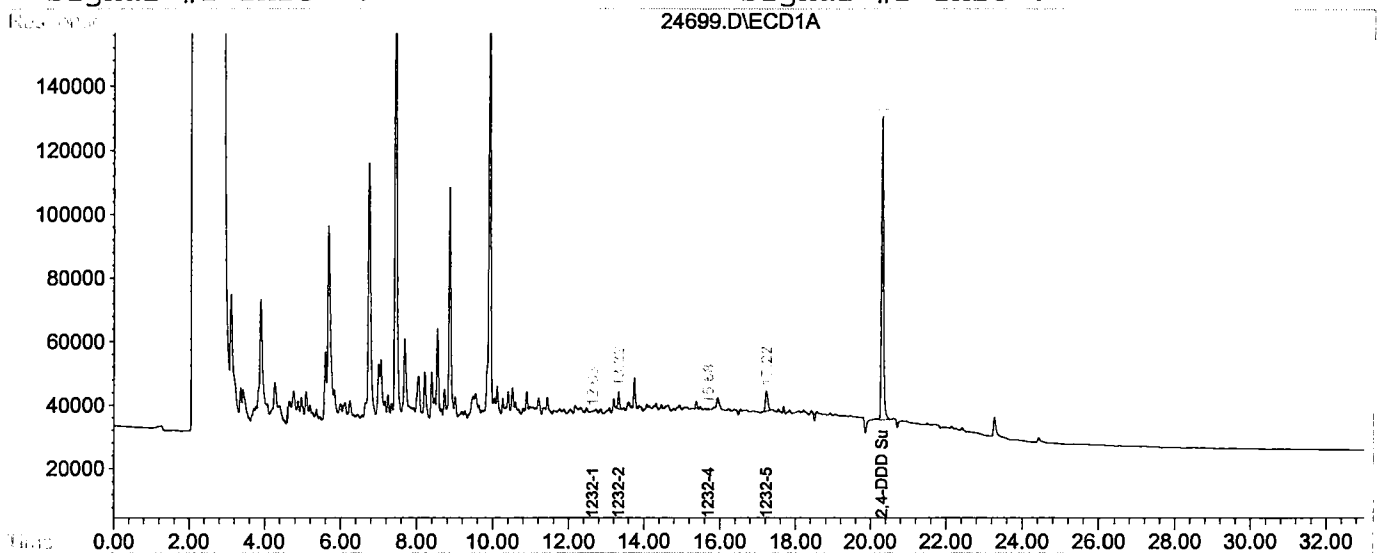
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24699.D\ECD1A.CH Vial: 31
 Acq On : 17 Nov 2010 9:40 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24699.D\ECD2B.CH Vial: 31
 Acq On : 17 Nov 10 9:40 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 16:24 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 AD24699 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-26-2001 Time: 16:00:05

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

User: Nefiu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:28:39

Sample: AD24700
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/17/01 16:08 Ended: 11/16/01 16:08 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)

Data File : C:\HPCHEM\1\DATA\111601\24700.D\ECD1A.CH Vial: 32
 Acq On : 17 Nov 2010 10:17 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24700.D\ECD2B.CH Vial: 32
 Acq On : 17 Nov 101 10:17 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:02 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	3492361	171956	0.210	0.208m
Spiked Amount		0.200		Recovery		= 105.00%	104.00%

Target Compounds

1)	Chlordane 1	18.91	15.50	29943	2868	0.035	0.037
2)	Chlordane 2	19.27	0.00	779	0	0.000	N.D. #
3)	Chlordane 3	19.37	0.00	192	0	0.000	N.D. #

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

24700.D 111701C.M Mon Nov 19 14:02:59 2001

Page 1

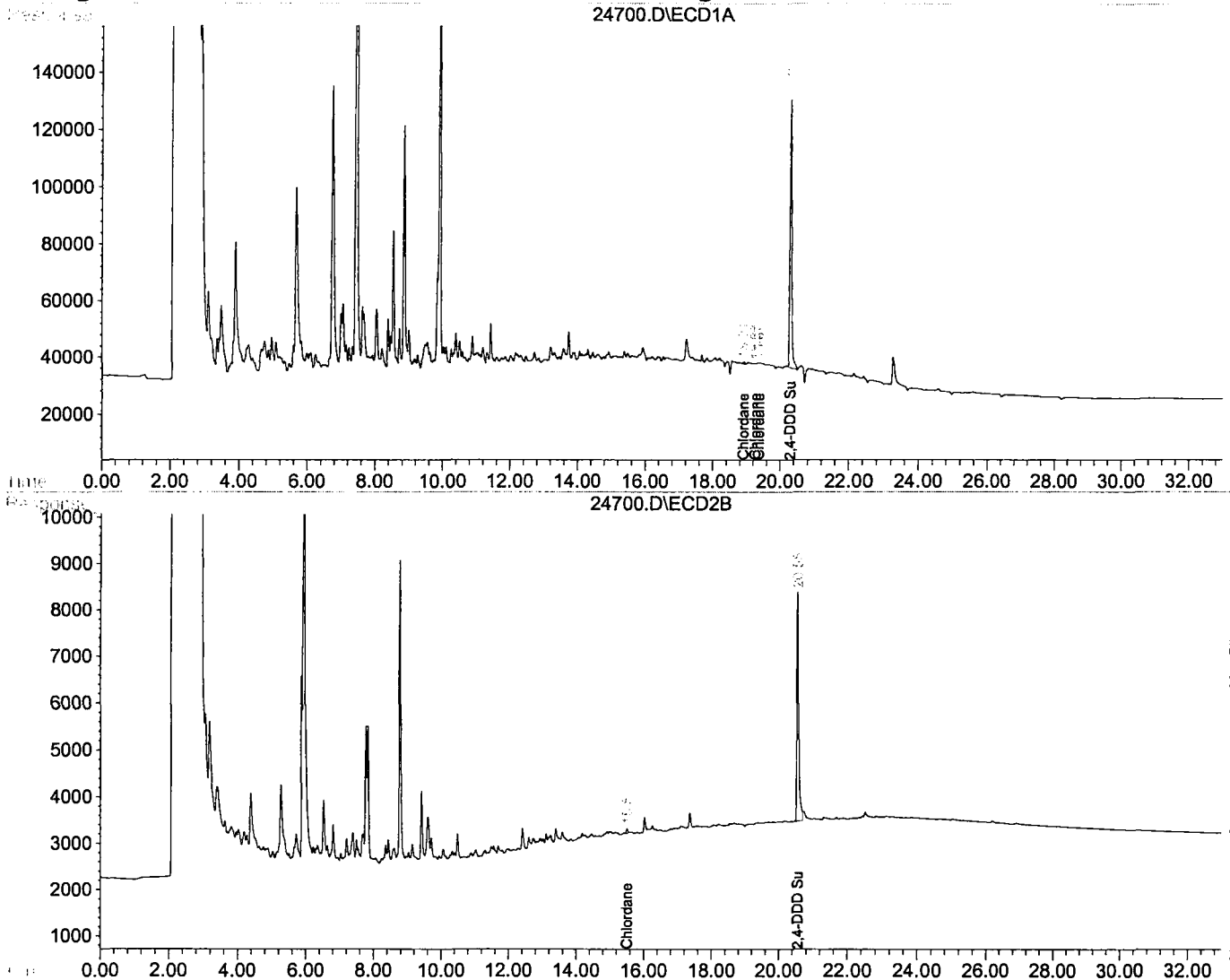
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24700.D\ECD1A.CH Vial: 32
Acq On : 17 Nov 2010 10:17 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24700.D\ECD2B.CH Vial: 32
Acq On : 17 Nov 101 10:17 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:02 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\24700.D\ECD1A.CH Vial: 32
 Acq On : 17 Nov 2010 10:17 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24700.D\ECD2B.CH Vial: 32
 Acq On : 17 Nov 101 10:17 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:32 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	20.29	20.55	3495208	171794	0.184m	0.191m
Spiked Amount	0.200		Recovery	=	92.00%	95.50%
Target Compounds						
1) Propachlor	13.20	12.60	165994	7354	0.071m	0.055m
2) g-BHC	15.27	14.96	9769	766	0.000	0.000 #
3) Heptachlor	15.83	15.93	7056	252	0.000	0.000 #
4) Aldrin	16.63	16.81	10497	551	0.000	0.000
6) 4,4-DDE	19.58	19.81	4238	339	0.000	0.000 #
7) Dieldrin	20.18f	20.00f	7004	122	0.000	0.000 #

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

24700.D 111901P.M Mon Nov 19 13:32:26 2001

Page 1

Quantitation Report

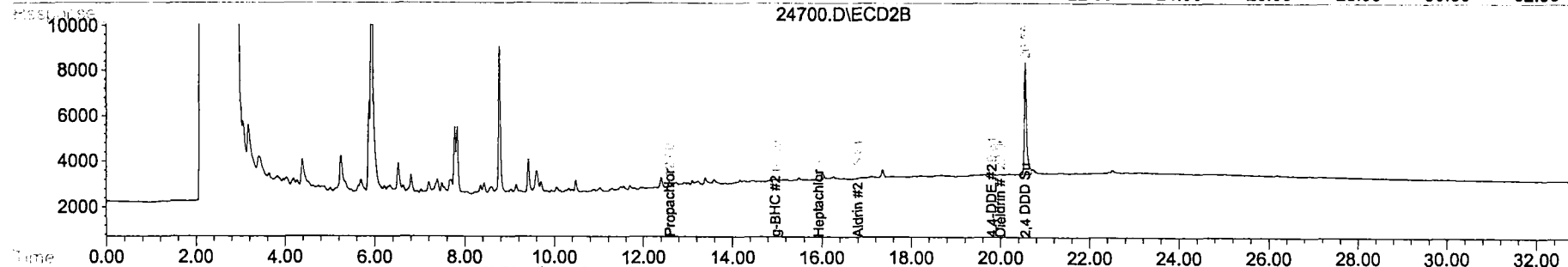
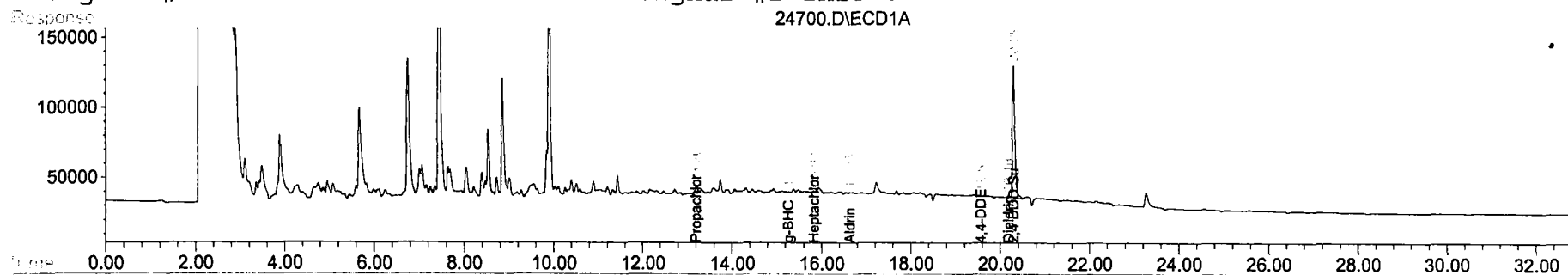
Data File : C:\HPCHEM\1\DATA\111601\24700.D\ECD1A.CH Vial: 32
 Acq On : 17 Nov 2010 10:17 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24700.D\ECD2B.CH Vial: 32
 Acq On : 17 Nov 2010 10:17 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:32 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\24700.D\ECD1A.CH Vial: 32
Acq On : 17 Nov 2010 10:17 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24700.D\ECD2B.CH Vial: 32
Acq On : 17 Nov 101 10:17 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:29 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	3509655	170690	0.223m	0.254m
Spiked Amount	0.200		Recovery	=	111.50%	127.00%
Target Compounds						
1) TOX-1	17.83	0.00	979572	0	9.222	N.D. #

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

24700.D 111701T.M Mon Nov 19 14:29:45 2001

Page 1

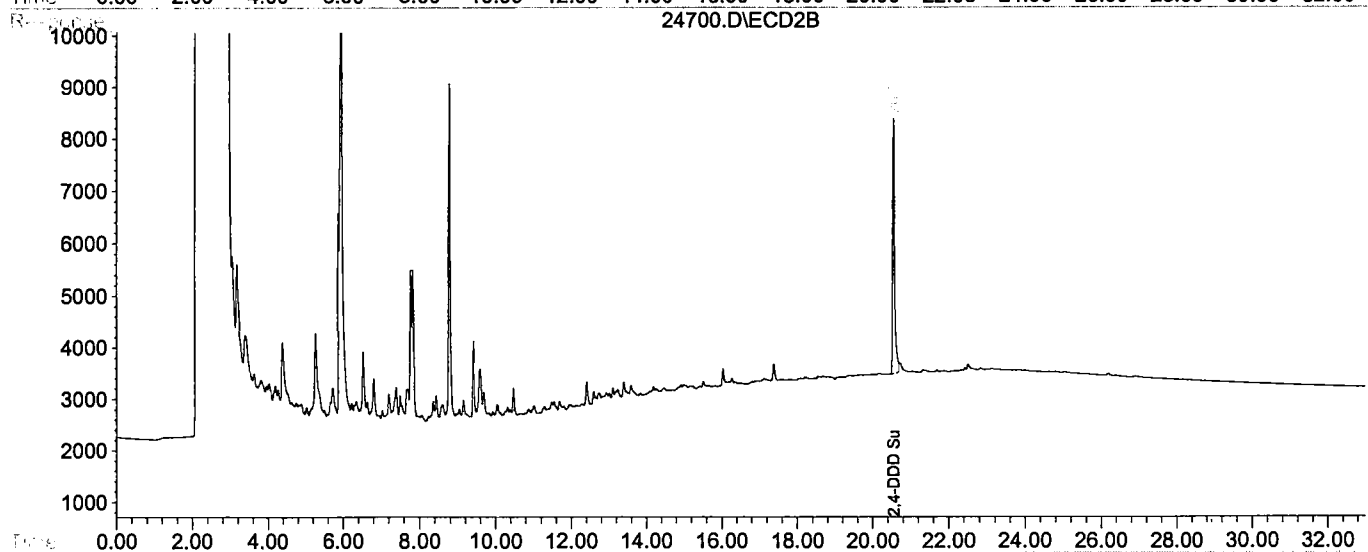
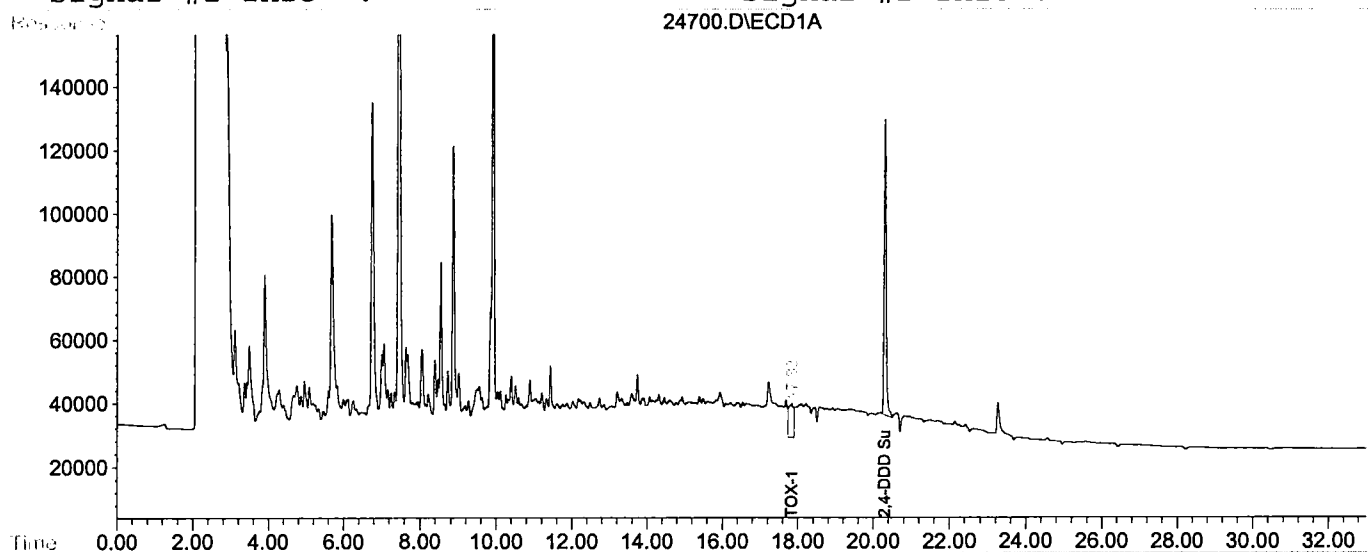
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24700.D\ECD1A.CH Vial: 32
 Acq On : 17 Nov 2010 10:17 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24700.D\ECD2B.CH Vial: 32
 Acq On : 17 Nov 101 10:17 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:29 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\24700.D\ECD1A.CH Vial: 32
 Acq On : 17 Nov 2010 10:17 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24700.D\ECD2B.CH Vial: 32
 Acq On : 17 Nov 101 10:17 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 16:25 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	20.55	3494077	159469	0.222	0.237
Spiked Amount	0.200		Recovery	=	111.00%	118.50%

Target Compounds

1)	1232-1	0.00	13.84	0	1157	N.D. d	0.026
2)	1232-2	13.32	15.00	49394	732	0.038	0.014 #
3)	1232-3	14.46	16.02	70923	9111	0.072	0.139 #
4)	1232-4	15.68	18.55	6687	514	0.004	0.031 #
5)	1232-5	17.22	19.61	335347	369	0.307	0.020 #

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

24700.D 1232508.M Mon Nov 19 16:25:24 2001

Page 1

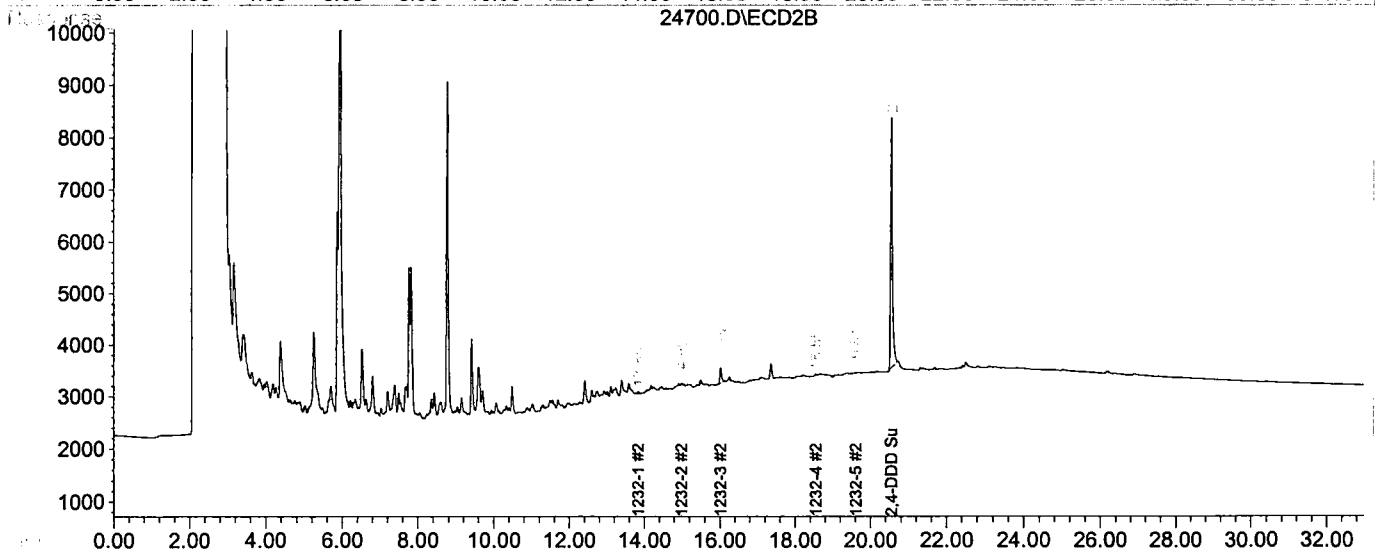
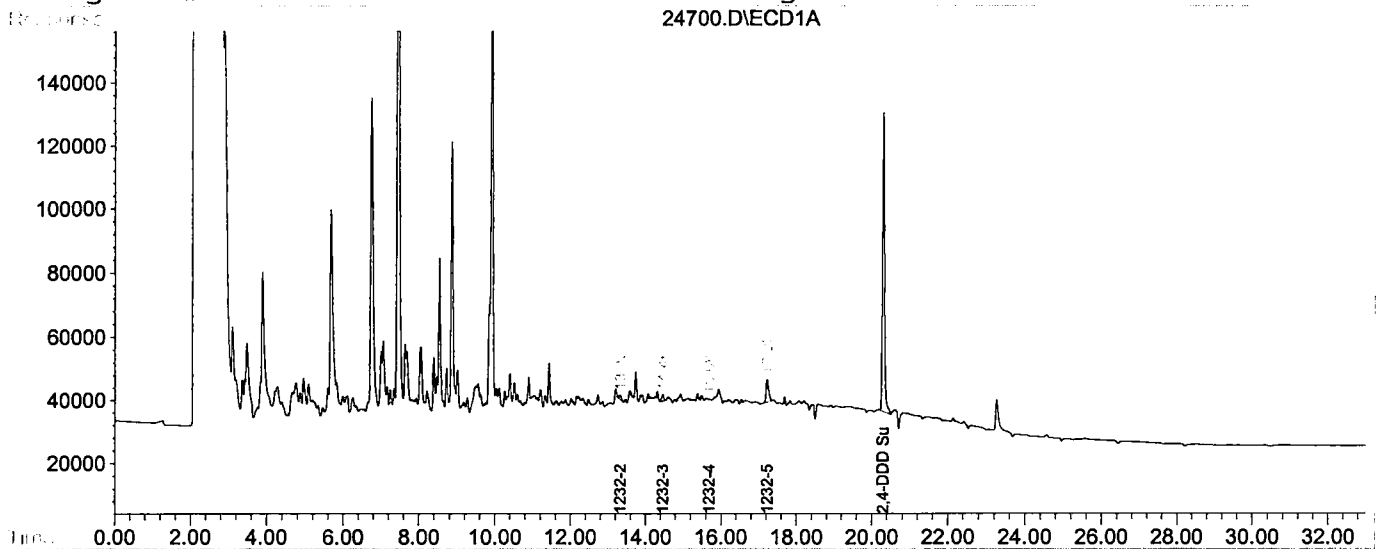
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24700.D\ECD1A.CH Vial: 32
Acq On : 17 Nov 2010 10:17 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24700.D\ECD2B.CH Vial: 32
Acq On : 17 Nov 101 10:17 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 16:25 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 AD24700 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-26-2001 Time: 16:01:05

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

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:28:59

Sample: AD24730
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/17/01 16:08 Ended: 11/16/01 16:08 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		0.20		

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\24730.D\ECD1A.CH Vial: 33
Acq On : 17 Nov 2010 10:55 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24730.D\ECD2B.CH Vial: 33
Acq On : 17 Nov 101 10:55 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:03 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	3378447	178794	0.203	0.217
Spiked Amount		0.200		Recovery	=	101.50%	108.50%

Target Compounds

1)	Chlordane 1	18.74	0.00	6381	0	0.007	N.D.	#
2)	Chlordane 2	19.21	0.00	1381	0	0.000	N.D.	#
3)	Chlordane 3	19.33	0.00	477	0	0.000	N.D.	#

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

24730.D 111701C.M Mon Nov 19 14:03:23 2001

Page 1

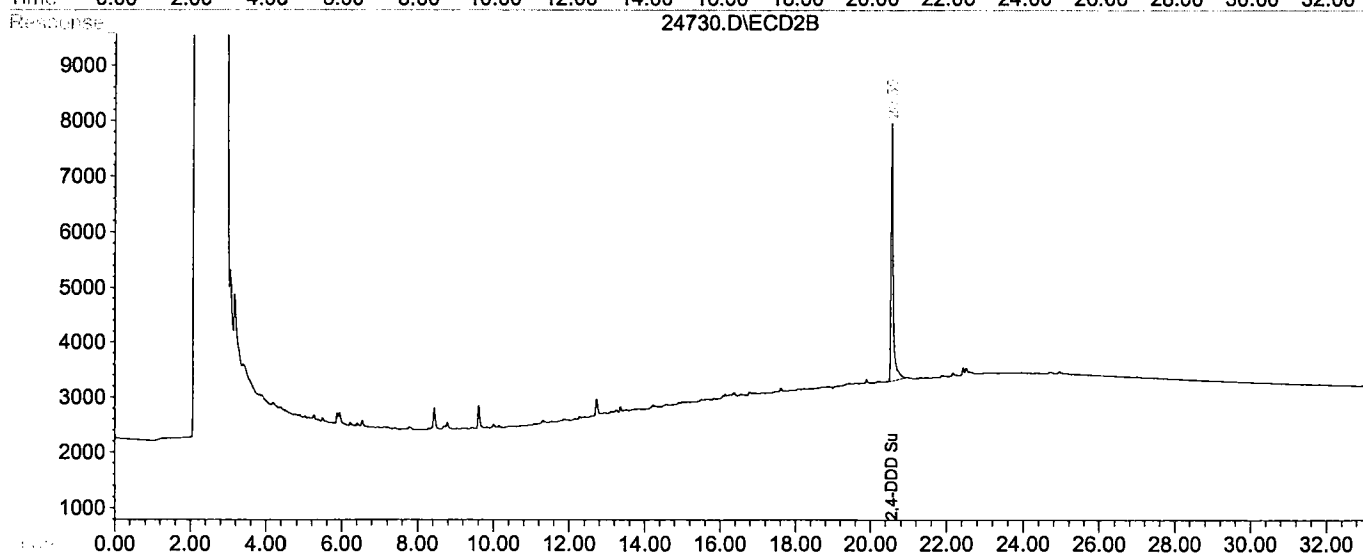
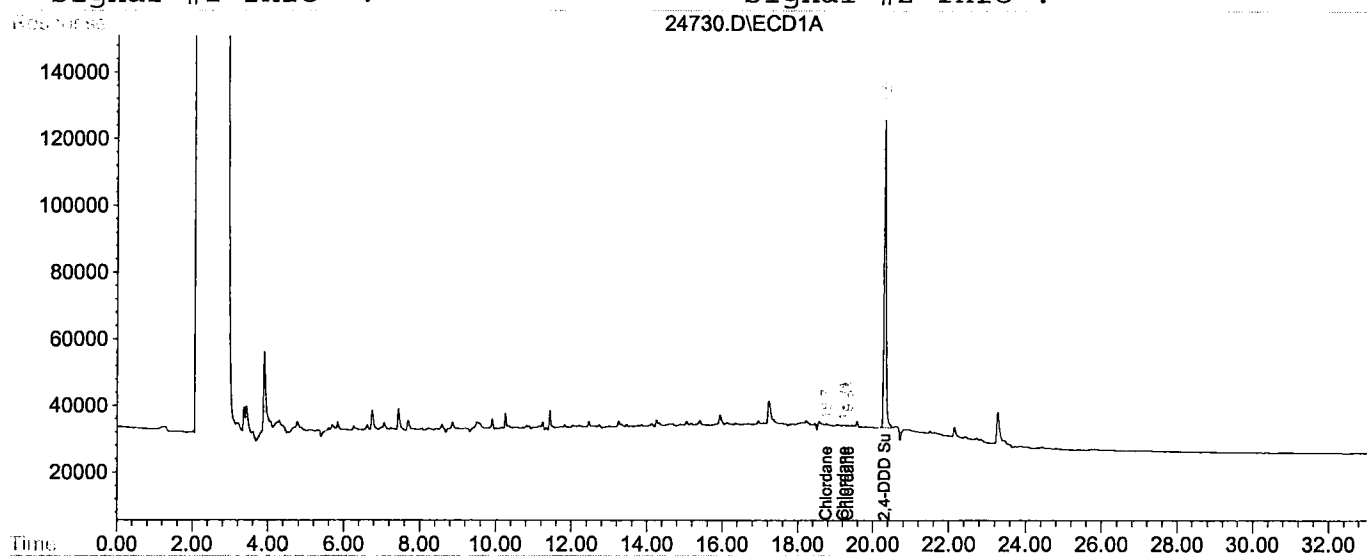
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24730.D\ECD1A.CH Vial: 33
Acq On : 17 Nov 2010 10:55 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24730.D\ECD2B.CH Vial: 33
Acq On : 17 Nov 101 10:55 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:03 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\24730.D\ECD1A.CH Vial: 33
 Acq On : 17 Nov 2010 10:55 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24730.D\ECD2B.CH Vial: 33
 Acq On : 17 Nov 101 10:55 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:33 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	3378440	177595	0.178	0.197
	Spiked Amount	0.200		Recovery	=	89.00%	98.50%

Target Compounds

1)	Propachlor	13.15	12.60	2074	423	0.001	0.003 #
2)	g-BHC	15.27	15.01	2935	408	0.000	0.000 #
3)	Heptachlor	0.00	15.85	0	483	N.D. d	0.000
4)	Aldrin	16.60	16.79	2726	1384	0.000	0.001 #
5)	Heptachlor Epoxi	18.45	18.24f	71279	522	0.002	0.000 #
6)	4,4-DDE	19.57	19.89	43806	2285	0.001	0.002 #
7)	Dieldrin	19.98	20.21f	397	1023	0.000	0.000 #
8)	Endrin	20.55	0.00	2368	0	0.000	N.D. #

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

24730.D 111901P.M Mon Nov 19 13:33:53 2001

Page 1

Quantitation Report

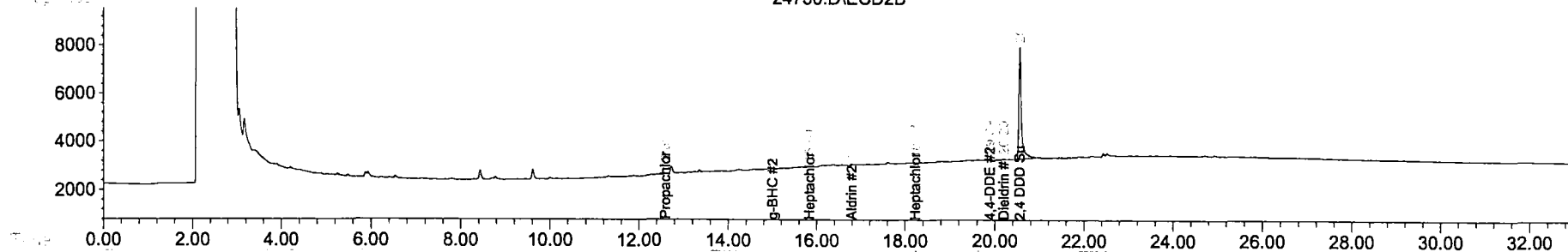
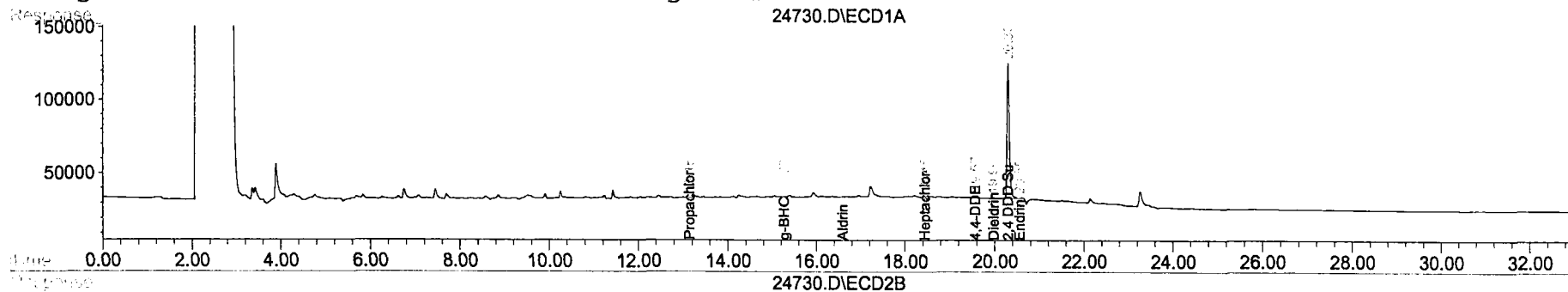
Data File : C:\HPCHEM\1\DATA\111601\24730.D\ECD1A.CH Vial: 33
 Acq On : 17 Nov 2010 10:55 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24730.D\ECD2B.CH Vial: 33
 Acq On : 17 Nov 101 10:55 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:33 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\24730.D\ECD1A.CH Vial: 33
 Acq On : 17 Nov 2010 10:55 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24730.D\ECD2B.CH Vial: 33
 Acq On : 17 Nov 101 10:55 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:30 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	20.55	3379251	177436	0.214m	0.264m
Spiked Amount	0.200		Recovery	=	107.00%	132.00%

Target Compounds

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

24730.D 111701T.M Mon Nov 19 14:30:22 2001

Page 1

Quantitation Report

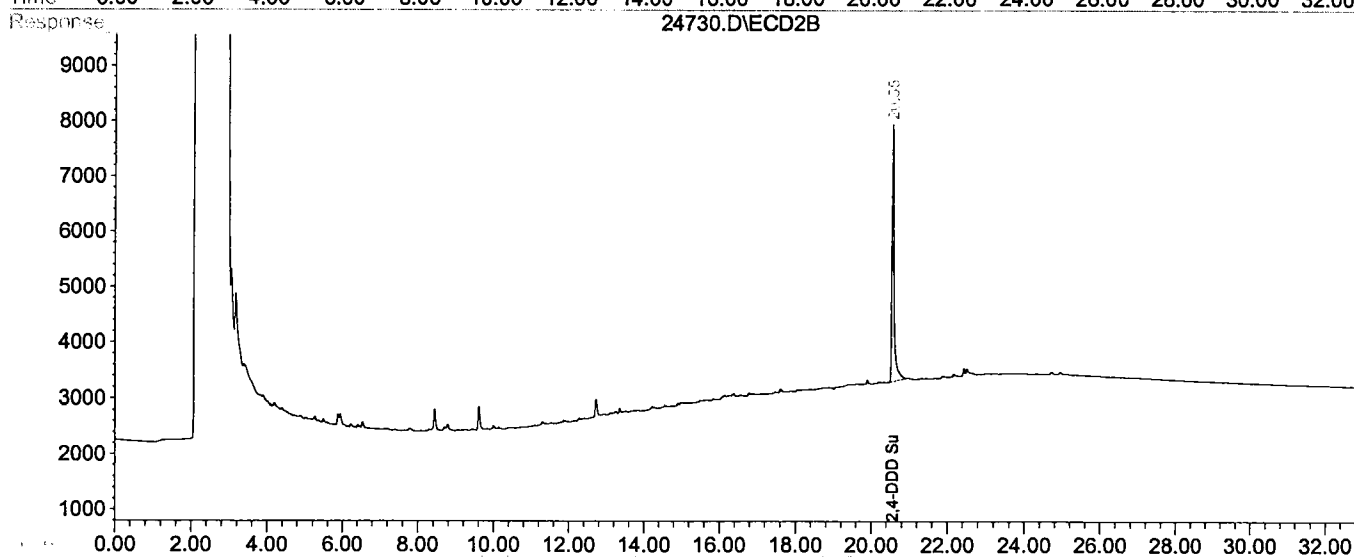
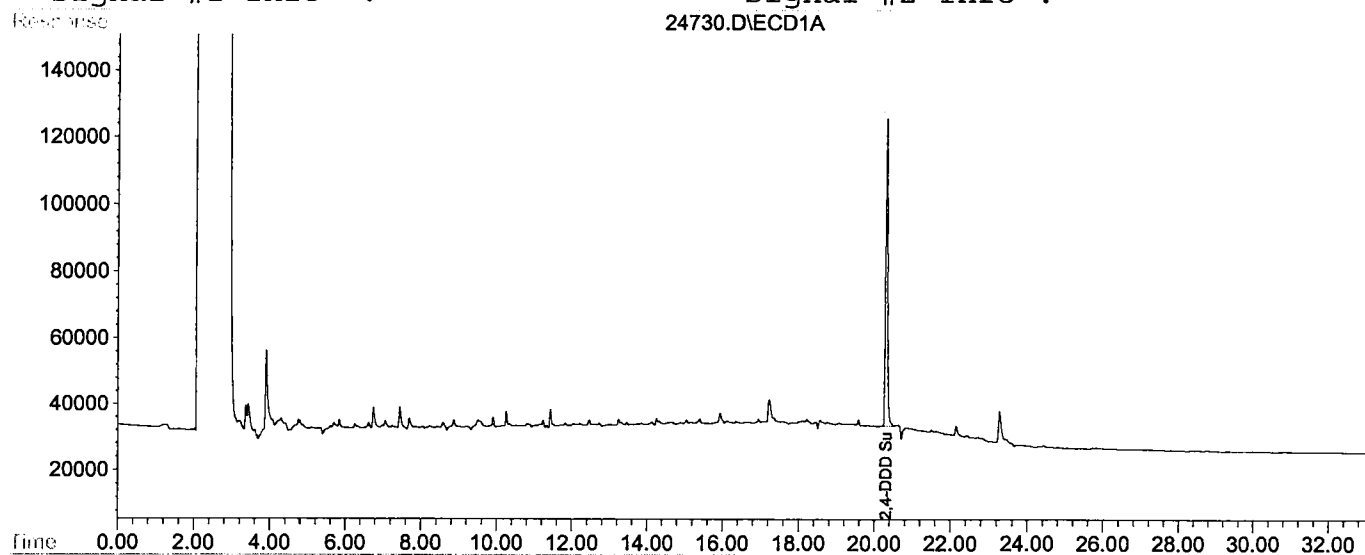
Data File : C:\HPCHEM\1\DATA\111601\24730.D\ECD1A.CH Vial: 33
Acq On : 17 Nov 2010 10:55 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24730.D\ECD2B.CH Vial: 33
Acq On : 17 Nov 2010 10:55 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:30 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\24730.D\ECD1A.CH Vial: 33
 Acq On : 17 Nov 2010 10:55 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24730.D\ECD2B.CH Vial: 33
 Acq On : 17 Nov 101 10:55 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 16:25 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	3378440	177257	0.214	0.264
Spiked Amount	0.200		Recovery	=	107.00%	132.00%

Target Compounds

1) 1232-1	12.58	13.76	4296	307	0.010	0.007 #
2) 1232-2	0.00	15.01	0	396	N.D. d	0.007
3) 1232-3	14.46	16.14	1838	643	0.002	0.010 #
5) 1232-5	17.22	19.45	281778	1076	0.258	0.059 #

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

24730.D 1232508.M Mon Nov 19 16:25:52 2001

Page 1

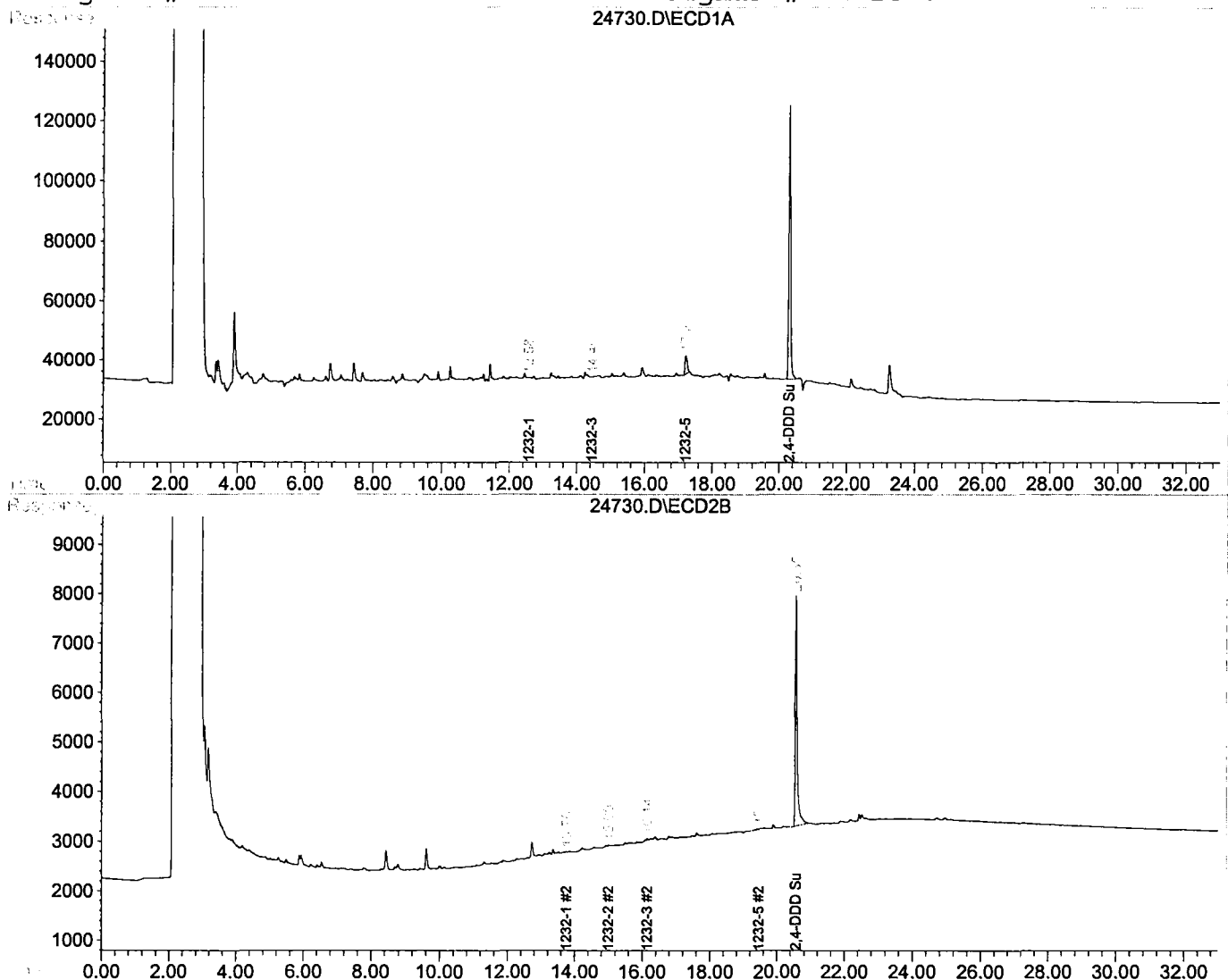
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24730.D\ECD1A.CH Vial: 33
Acq On : 17 Nov 2010 10:55 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24730.D\ECD2B.CH Vial: 33
Acq On : 17 Nov 101 10:55 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 16:25 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 AD24730 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-26-2001 Time: 16:02:01

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

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:29:21

Sample: AD24731
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/17/01 16:08 Ended: 11/16/01 16:08 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		0.22		

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\24731.D\ECD1A.CH Vial: 34
Acq On : 17 Nov 2010 11:33 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24731.D\ECD2B.CH Vial: 34
Acq On : 17 Nov 101 11:33 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:05 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	3634383	180801	0.219	0.219m
Spiked Amount	0.200		Recovery	=	109.50%	109.50%
Target Compounds						
1) Chlordane 1	18.79	15.50	12308	1046	0.014m	0.013m
2) Chlordane 2	19.19	18.80	66673	3617	0.019	0.020m
3) Chlordane 3	19.33	19.22	121738	4207	0.029	0.022m

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

24731.D 111701C.M Mon Nov 19 14:05:17 2001

Page 1

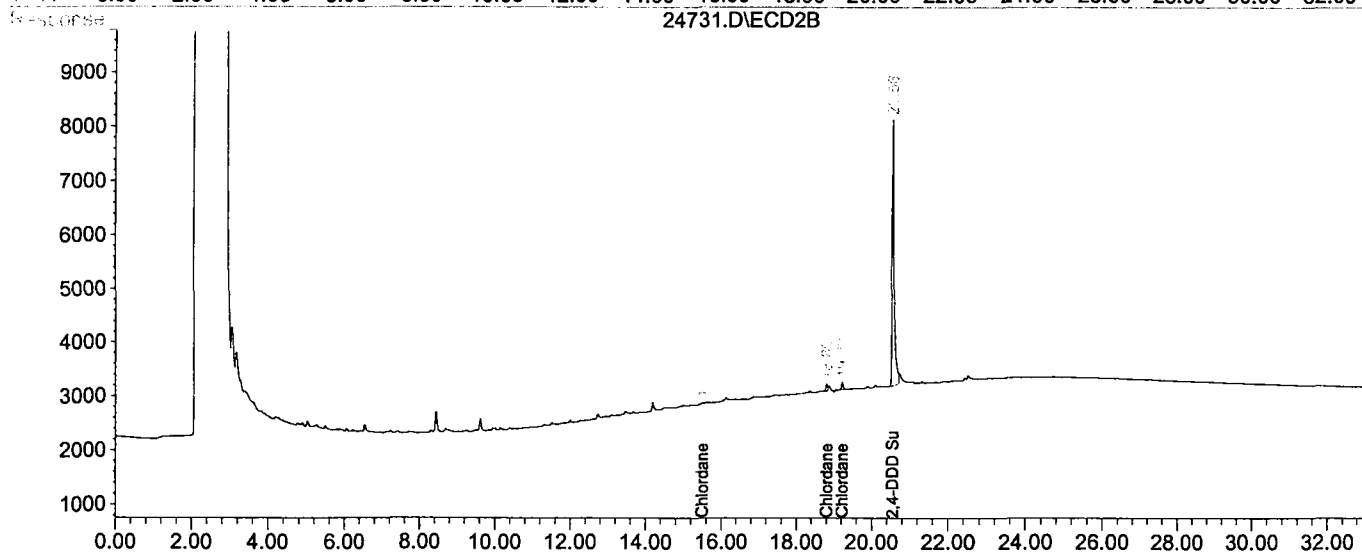
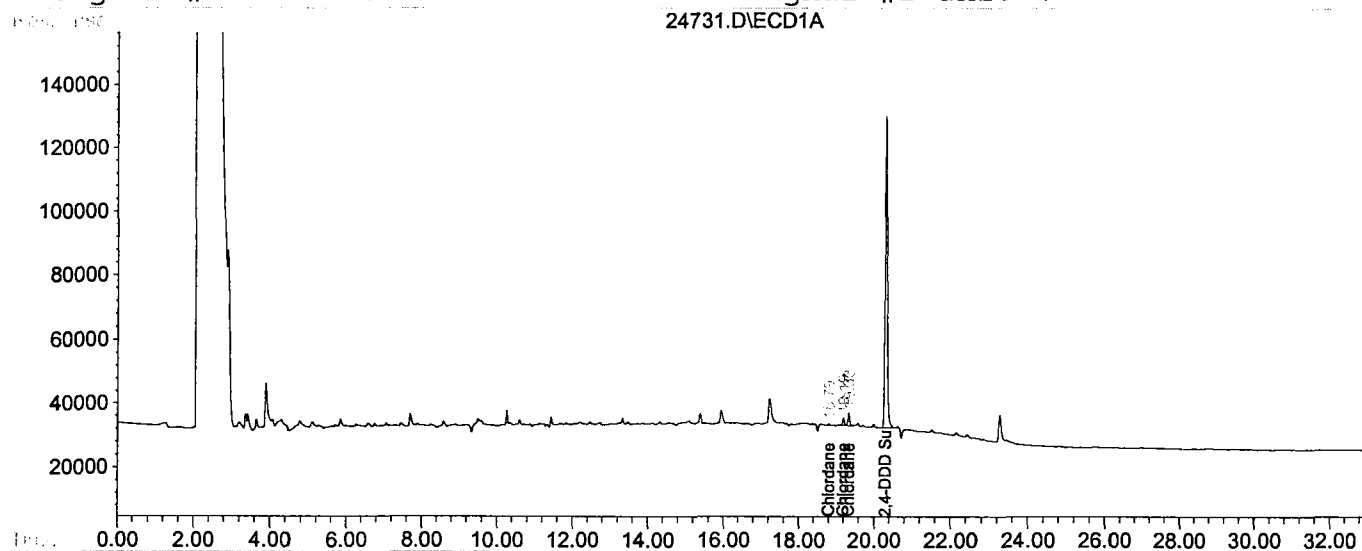
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24731.D\ECD1A.CH Vial: 34
Acq On : 17 Nov 2010 11:33 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24731.D\ECD2B.CH Vial: 34
Acq On : 17 Nov 10 11:33 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:05 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\24731.D\ECD1A.CH Vial: 34
Acq On : 17 Nov 2010 11:33 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24731.D\ECD2B.CH Vial: 34
Acq On : 17 Nov 10 11:33 pm Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Nov 19 13:34 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	3631374	181741	0.192	0.202m
Spiked Amount	0.200		Recovery	=	96.00%	101.00%
Target Compounds						
1) Propachlor	13.16	0.00	658	0	0.000	N.D. d#
2) g-BHC	15.28	15.01	2323	398	0.000	0.000 #
3) Heptachlor	15.78	0.00	1517	0	0.000	N.D. #
4) Aldrin	16.61	0.00	5958	0	0.000	N.D. #
5) Heptachlor Epoxi	18.37	18.36	11868	1080	0.000	0.001 #
6) 4,4-DDE	19.57	19.89	31122	778	0.001	0.001 #
7) Dieldrin	19.98	20.10	23900	1114	0.001	0.000 #
8) Endrin	20.62f	0.00	139001	0	0.008	N.D. #

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

24731.D 111901P.M Mon Nov 19 13:34:29 2001

Page 1

Quantitation Report

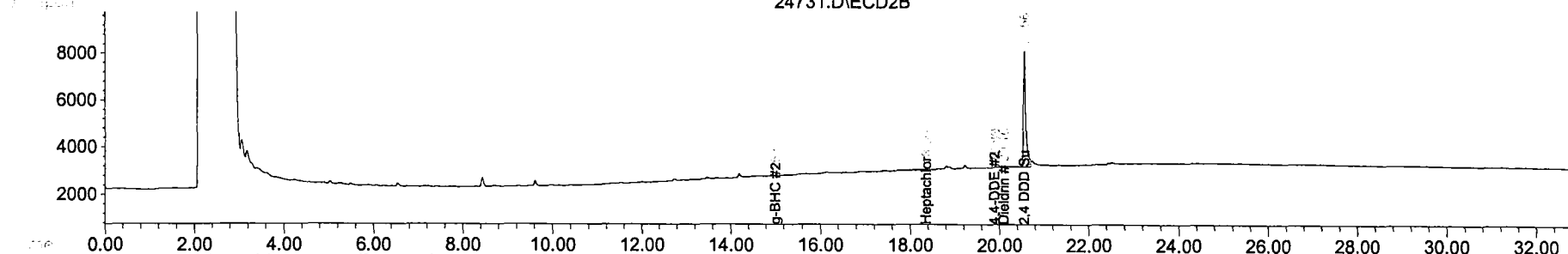
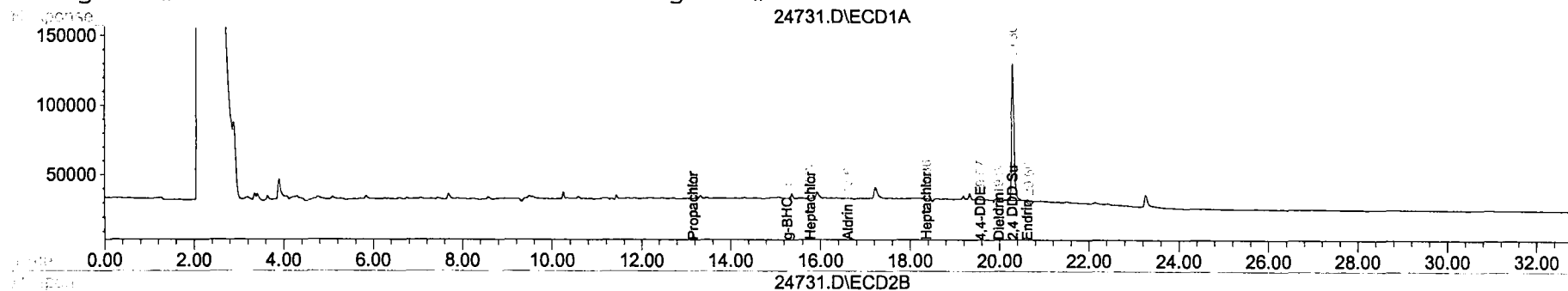
Data File : C:\HPCHEM\1\DATA\111601\24731.D\ECD1A.CH Vial: 34
 Acq On : 17 Nov 2010 11:33 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24731.D\ECD2B.CH Vial: 34
 Acq On : 17 Nov 10 11:33 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:34 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 :
 24731.D\ECD1A



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\24731.D\ECD1A.CH Vial: 34
 Acq On : 17 Nov 2010 11:33 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24731.D\ECD2B.CH Vial: 34
 Acq On : 17 Nov 10 11:33 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:30 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	3646131	180570	0.231m	0.269m
Spiked Amount	0.200		Recovery	=	115.50%	134.50%

Target Compounds

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

24731.D 111701T.M Mon Nov 19 14:31:00 2001

Page 1

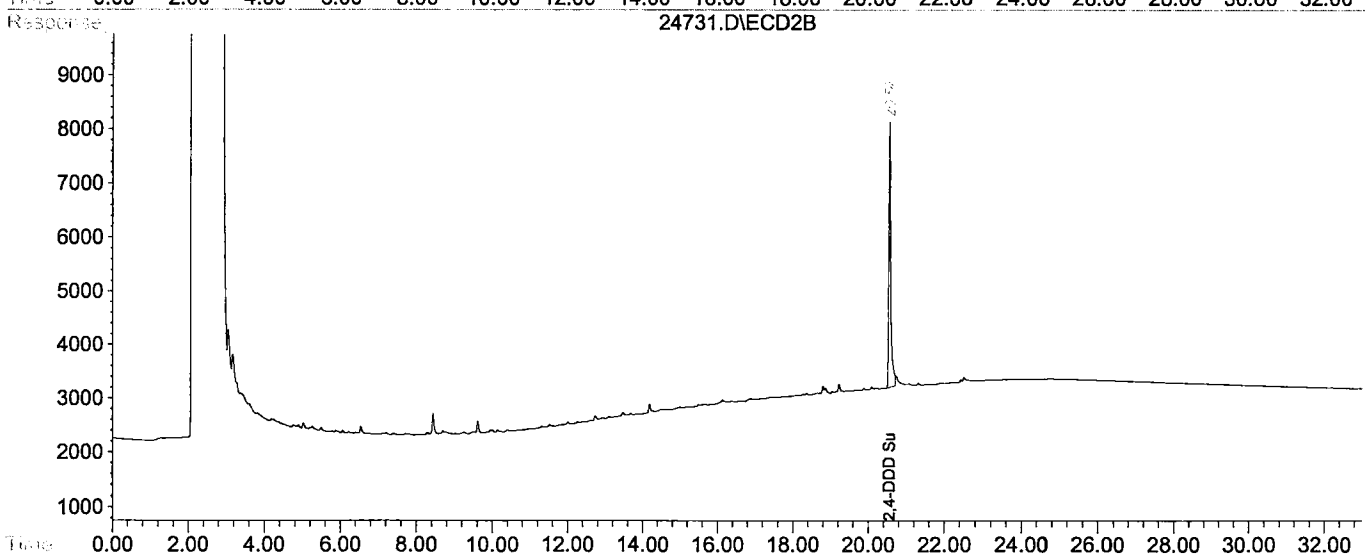
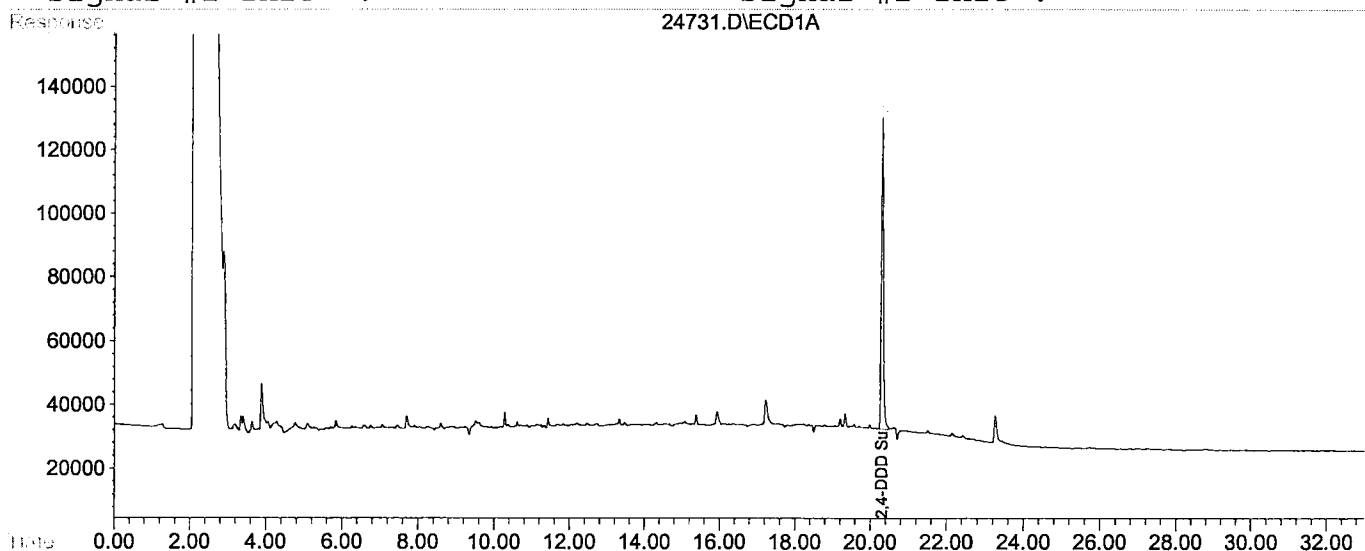
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24731.D\ECD1A.CH Vial: 34
 Acq On : 17 Nov 2010 11:33 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24731.D\ECD2B.CH Vial: 34
 Acq On : 17 Nov 10 11:33 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:30 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\24731.D\ECD1A.CH Vial: 34
 Acq On : 17 Nov 2010 11:33 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24731.D\ECD2B.CH Vial: 34
 Acq On : 17 Nov 10 11:33 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 16:26 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	3631374	190248	0.230	0.283
Spiked Amount	0.200		Recovery	=	115.00%	141.50%

Target Compounds

1) 1232-1	0.00	13.68	0	831	N.D. d	0.019
2) 1232-2	13.24	15.01	3614	764	0.003	0.014 #
3) 1232-3	14.43	16.14	1191	4114	0.001	0.063 #
5) 1232-5	17.22	19.22	437147	4132	0.400	0.227 #

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

24731.D 1232508.M Mon Nov 19 16:26:22 2001

Page 1

Quantitation Report

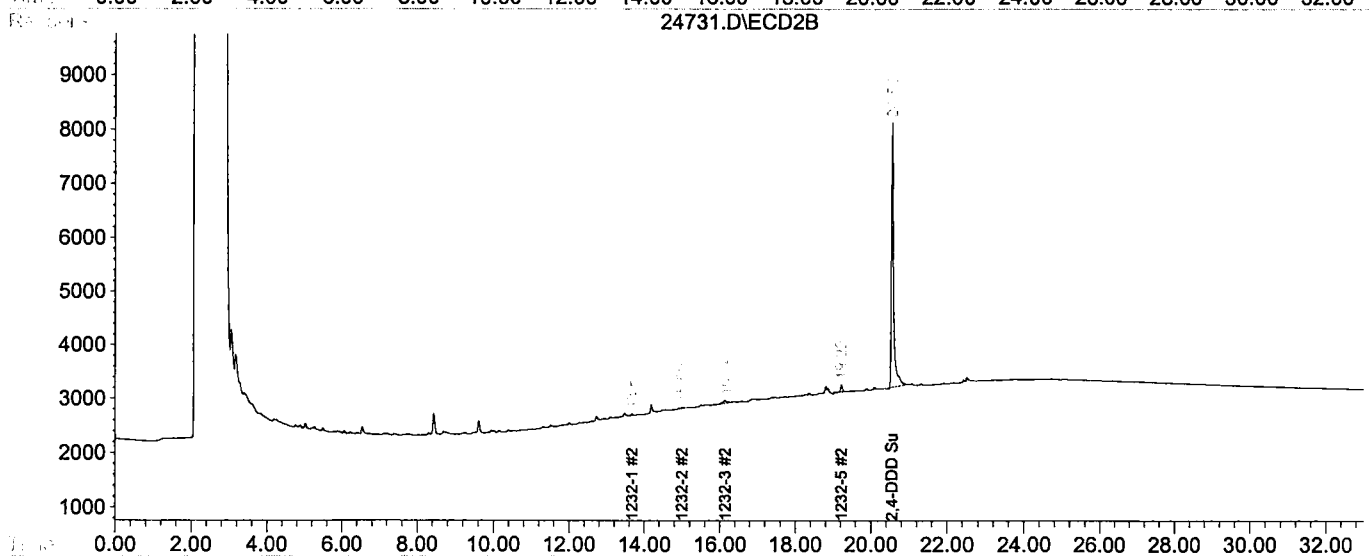
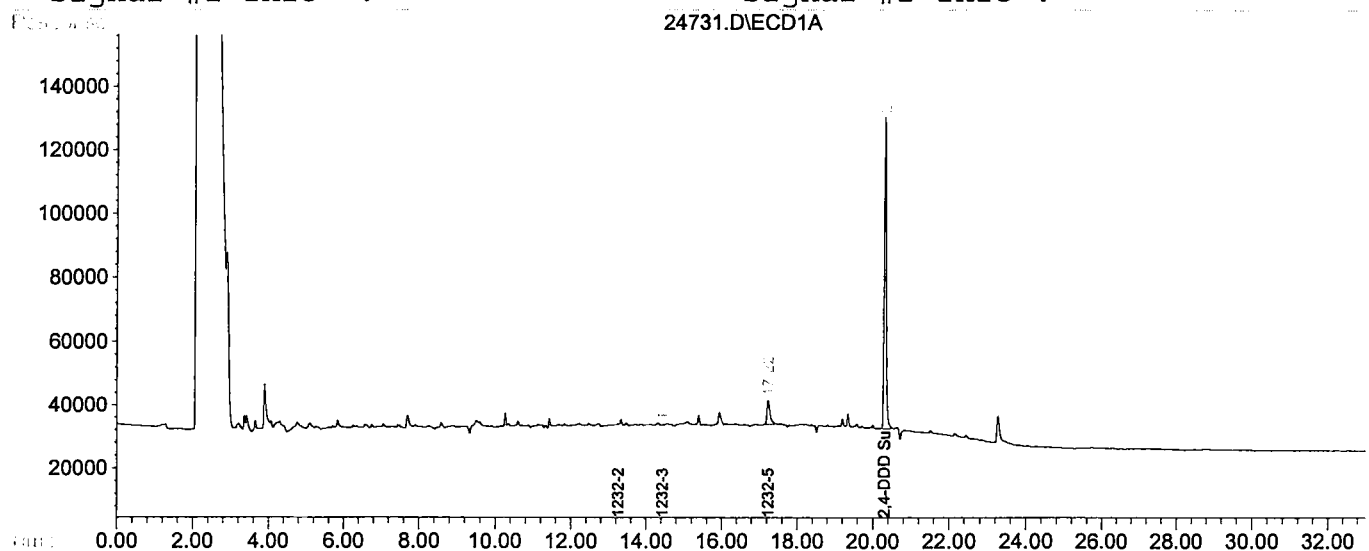
Data File : C:\HPCHEM\1\DATA\111601\24731.D\ECD1A.CH Vial: 34
 Acq On : 17 Nov 2010 11:33 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24731.D\ECD2B.CH Vial: 34
 Acq On : 17 Nov 10 11:33 pm Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 16:26 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 AD24731 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-26-2001 Time: 16:02:51

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

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:29:46

Sample: AD24732
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/17/01 16:08 Ended: 11/16/01 16:08 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)

Data File : C:\HPCHEM\1\DATA\111601\24732.D\ECD1A.CH Vial: 35
 Acq On : 18 Nov 2010 12:10 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24732.D\ECD2B.CH Vial: 35
 Acq On : 18 Nov 101 12:10 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:05 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	3519117	181990	0.212	0.221m
	Spiked Amount	0.200		Recovery	=	106.00%	110.50%

Target Compounds

1)	Chlordane 1	18.75	15.50	16751	6508	0.019	0.083 #
2)	Chlordane 2	19.20	0.00	723	0	0.000	N.D. #
3)	Chlordane 3	19.46	0.00	30091	0	0.007	N.D. #

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

24732.D 111701C.M Mon Nov 19 14:05:54 2001

Page 1

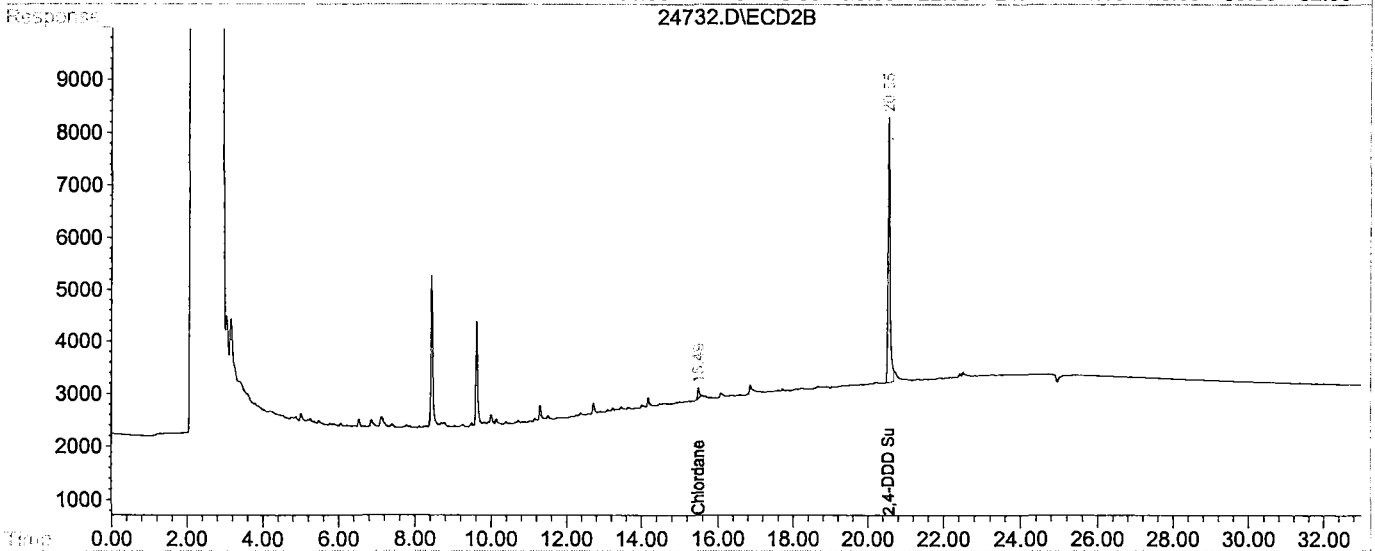
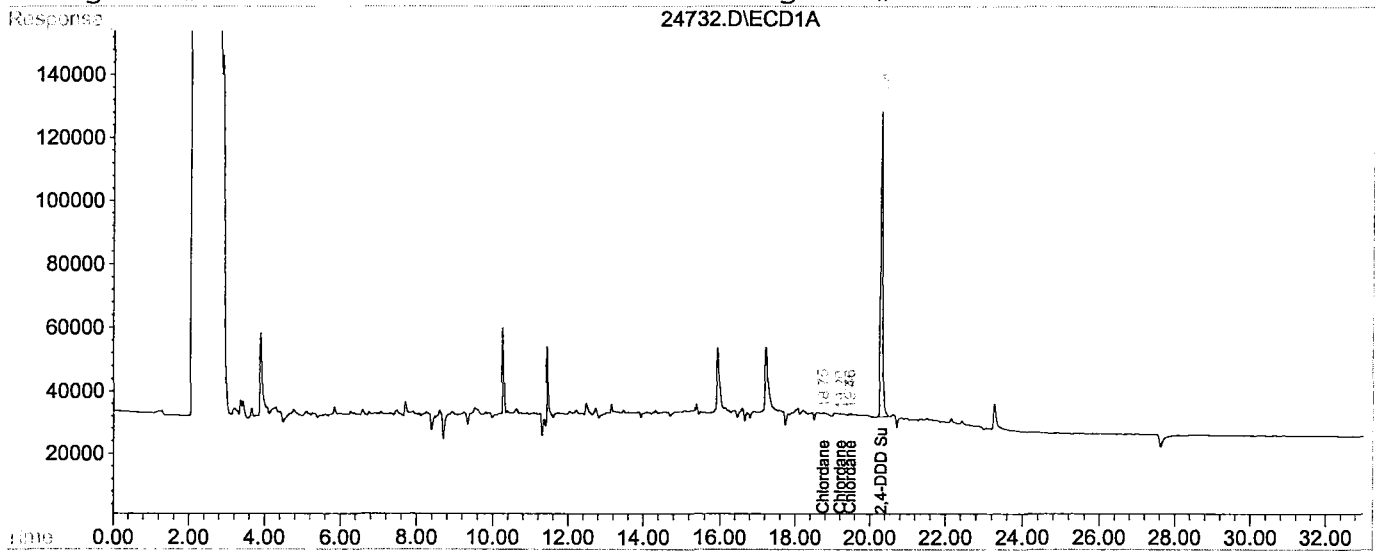
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24732.D\ECD1A.CH Vial: 35
 Acq On : 18 Nov 2010 12:10 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24732.D\ECD2B.CH Vial: 35
 Acq On : 18 Nov 10 12:10 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:05 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\24732.D\ECD1A.CH Vial: 35
 Acq On : 18 Nov 2010 12:10 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24732.D\ECD2B.CH Vial: 35
 Acq On : 18 Nov 10 12:10 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:35 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	3540283	182639	0.187	0.203m
Spiked Amount	0.200		Recovery	=	93.50%	101.50%
Target Compounds						
2) g-BHC	15.26	15.01	14233	228	0.000	0.000 #
6) 4,4-DDE	19.64	19.66	211	822	0.000	0.001 #
7) Dieldrin	19.98	20.25f	1545	1609	0.000	0.001 #

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

24732.D 111901P.M Mon Nov 19 13:35:17 2001

Page 1

Quantitation Report

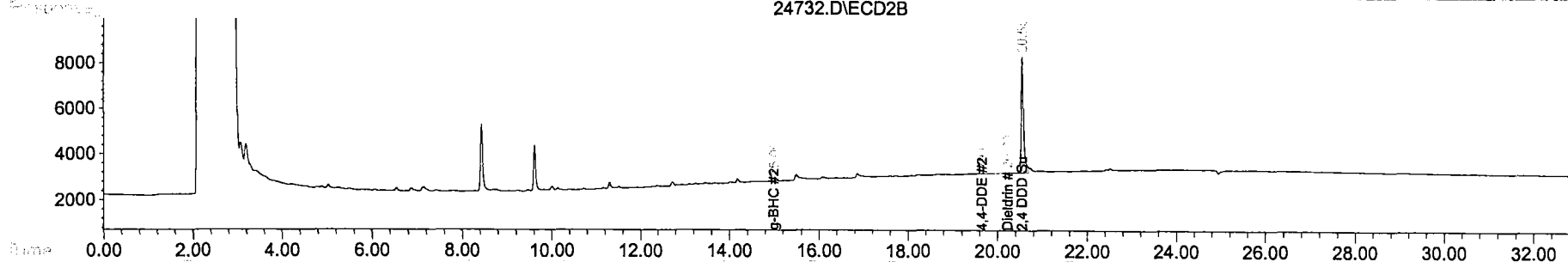
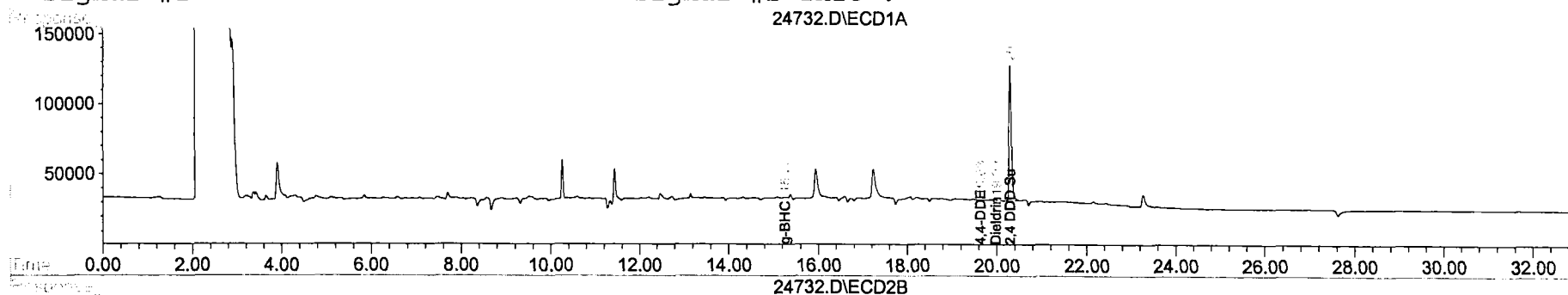
Data File : C:\HPCHEM\1\DATA\111601\24732.D\ECD1A.CH Vial: 35
 Acq On : 18 Nov 2010 12:10 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24732.D\ECD2B.CH Vial: 35
 Acq On : 18 Nov 101 12:10 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:35 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 :
 24732.D\ECD1A



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\24732.D\ECD1A.CH Vial: 35
 Acq On : 18 Nov 2010 12:10 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24732.D\ECD2B.CH Vial: 35
 Acq On : 18 Nov 10 12:10 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:31 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	20.55	3511705	182842	0.223m	0.272m
Spiked Amount	0.200		Recovery	=	111.50%	136.00%

Target Compounds

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

24732.D 111701T.M Mon Nov 19 14:31:31 2001

Page 1

Quantitation Report

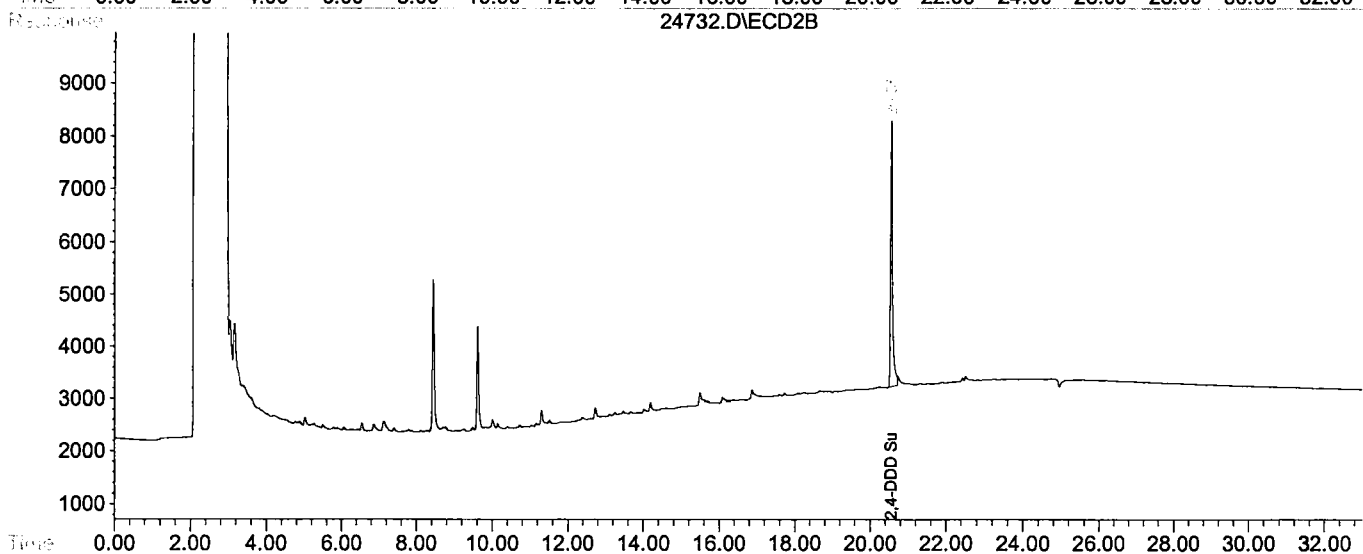
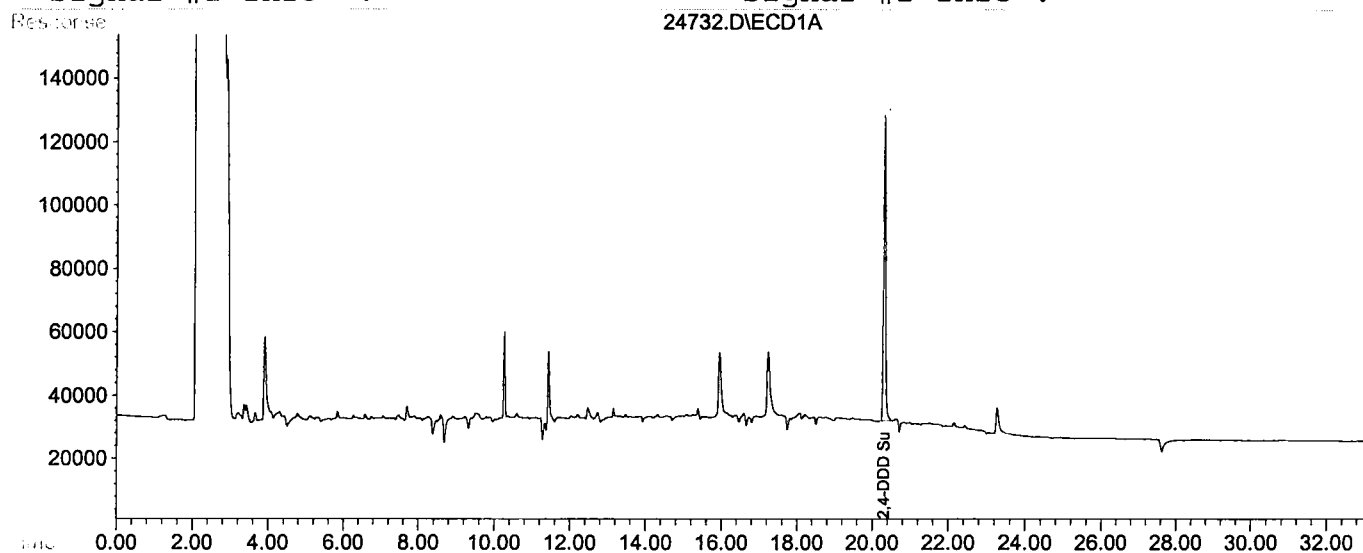
Data File : C:\HPCHEM\1\DATA\111601\24732.D\ECD1A.CH Vial: 35
Acq On : 18 Nov 2010 12:10 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24732.D\ECD2B.CH Vial: 35
Acq On : 18 Nov 101 12:10 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:31 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\24732.D\ECD1A.CH Vial: 35
Acq On : 18 Nov 2010 12:10 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24732.D\ECD2B.CH Vial: 35
Acq On : 18 Nov 101 12:10 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 16:26 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	20.55	3540283	165879	0.225	0.247
Spiked Amount	0.200		Recovery	=	112.50%	123.50%
Target Compounds						
2) 1232-2	13.32	15.01	13748	175	0.011	0.003 #
4) 1232-4	15.67	18.68	1523	1469	0.001	0.089 #
5) 1232-5	17.22	19.40	1235792	499	1.131	0.027 #

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

24732.D 1232508.M Mon Nov 19 16:26:52 2001

Page 1

Quantitation Report

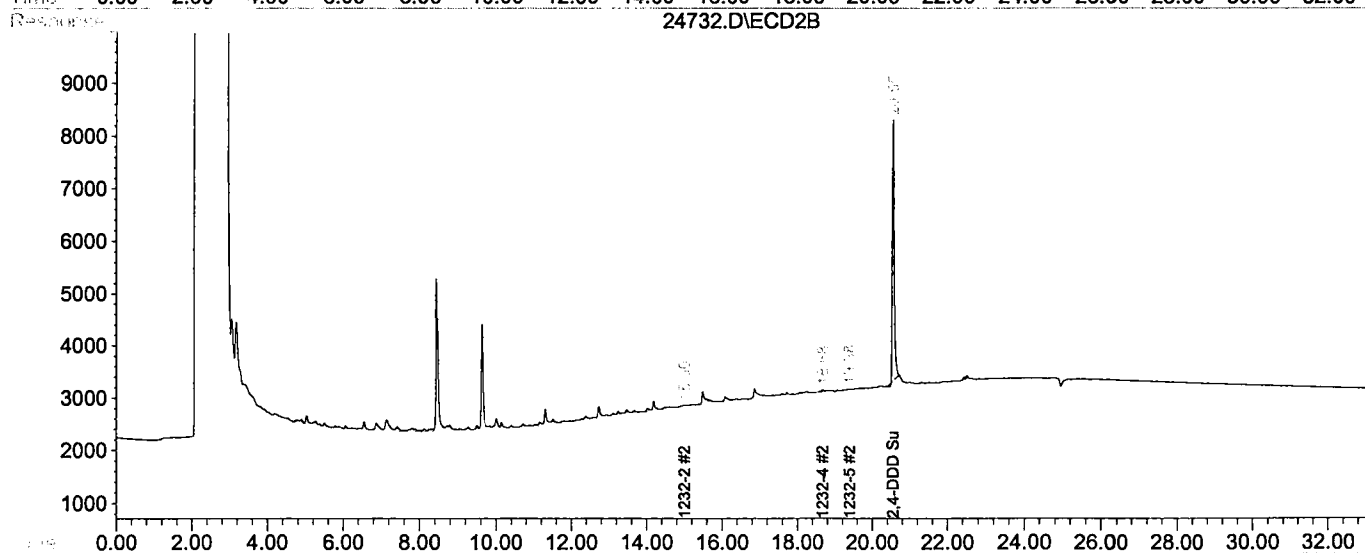
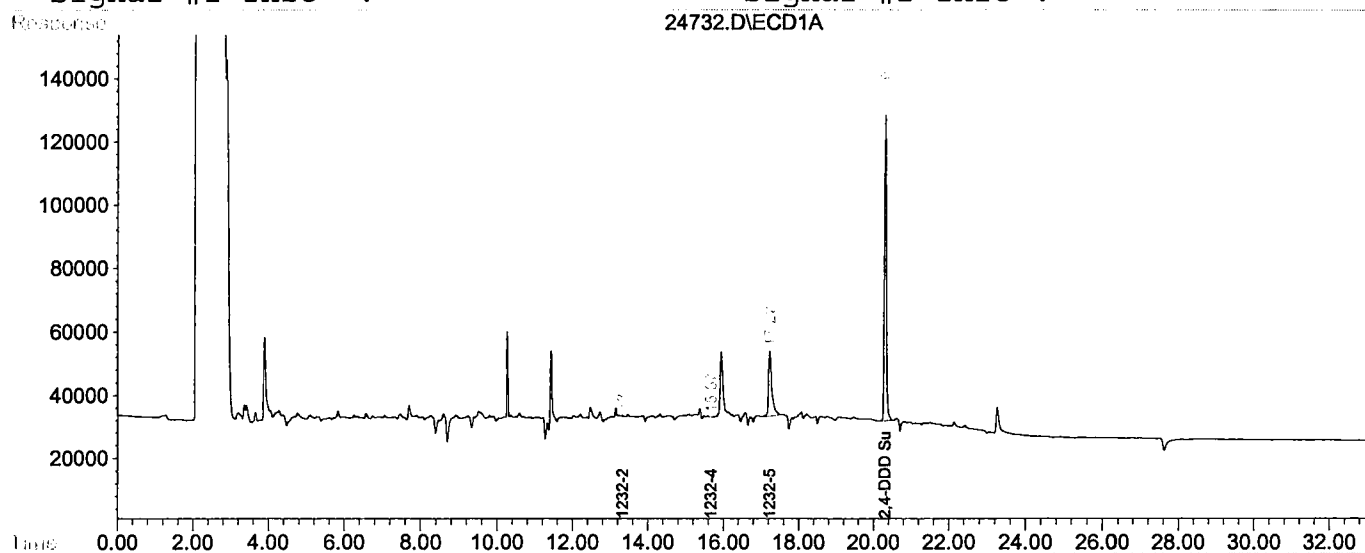
Data File : C:\HPCHEM\1\DATA\111601\24732.D\ECD1A.CH Vial: 35
 Acq On : 18 Nov 2010 12:10 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24732.D\ECD2B.CH Vial: 35
 Acq On : 18 Nov 10 12:10 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 16:26 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 AD24732 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-26-2001 Time: 16:07:07

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

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:30:07

Sample: AD24872
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/17/01 16:08 Ended: 11/16/01 16:08 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		0.020		

10/10

Cancelled
due to poor
Sum. Recovery

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\24872.D\ECD1A.CH Vial: 36
 Acq On : 18 Nov 2010 12:48 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24872.D\ECD2B.CH Vial: 36
 Acq On : 18 Nov 101 12:48 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:06 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	325304	25659	0.020m	0.031m#
Spiked Amount	0.200		Recovery	=	10.00%	15.50%
Target Compounds						
1) Chlordane 1	18.92	15.51	834	20279	0.001	0.260 #
2) Chlordane 2	19.21	0.00	5757	0	0.002	N.D. d#

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

24872.D 111701C.M Mon Nov 19 14:06:23 2001

Page 1

Quantitation Report

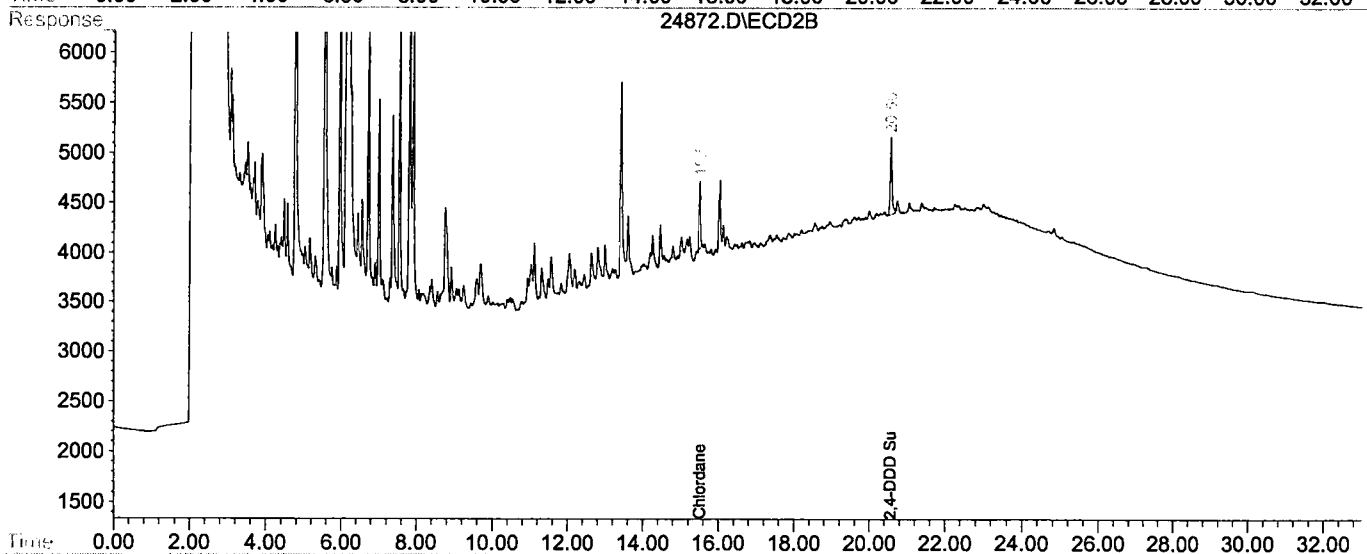
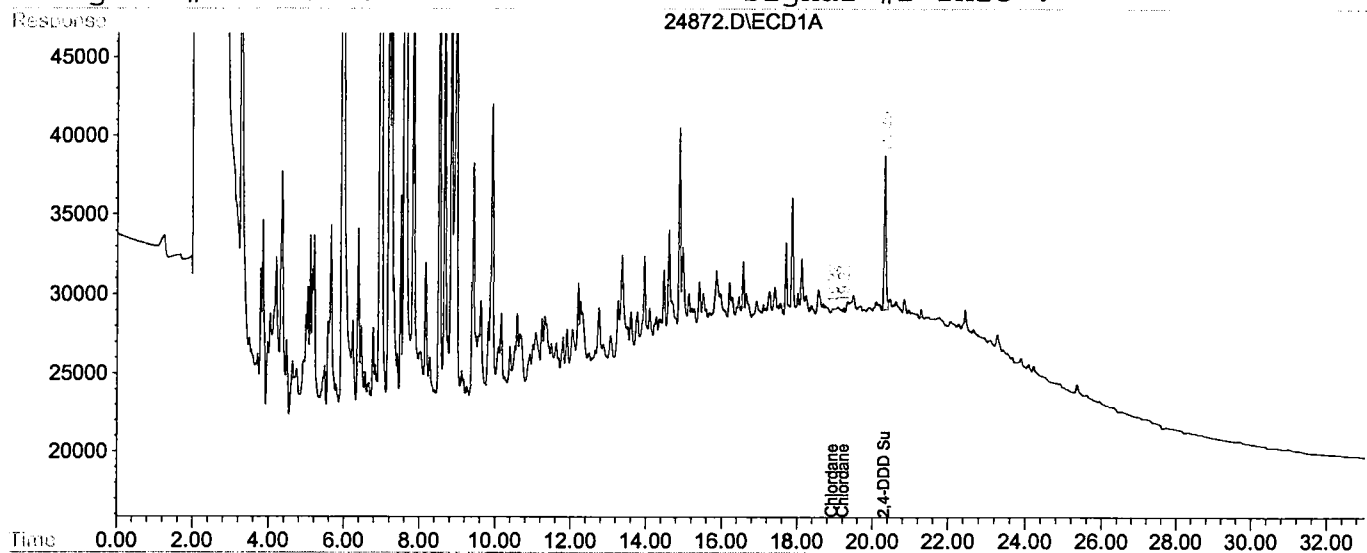
Data File : C:\HPCHEM\1\DATA\111601\24872.D\ECD1A.CH Vial: 36
 Acq On : 18 Nov 2010 12:48 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24872.D\ECD2B.CH Vial: 36
 Acq On : 18 Nov 10 12:48 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:06 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\24872.D\ECD1A.CH Vial: 36
 Acq On : 18 Nov 2010 12:48 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24872.D\ECD2B.CH Vial: 36
 Acq On : 18 Nov 101 12:48 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:36 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	325562	26871	0.017m	0.030m#
	Spiked Amount	0.200		Recovery	=	8.50%	15.00%

Target Compounds

2)	g-BHC	15.26	15.02	14199	7346	0.000	0.004 #
3)	Heptachlor	15.84	15.94	76111	1209	0.002	0.001 #
4)	Aldrin	16.63	16.84	20039	1138	0.000	0.000
5)	Heptachlor Epoxi	18.36	18.21f	20028	1212	0.001	0.001
6)	4,4-DDE	19.61	19.90	1399	523	0.000	0.000 #
7)	Dieldrin	20.07f	19.99f	8469	3445	0.000	0.001 #
8)	Endrin	20.53	21.05	836	2778	0.000	0.003 #
9)	Methoxychlor	23.41	0.00	3548	0	0.001	N.D. #

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

24872.D 111901P.M Mon Nov 19 13:36:07 2001

Page 1

Quantitation Report

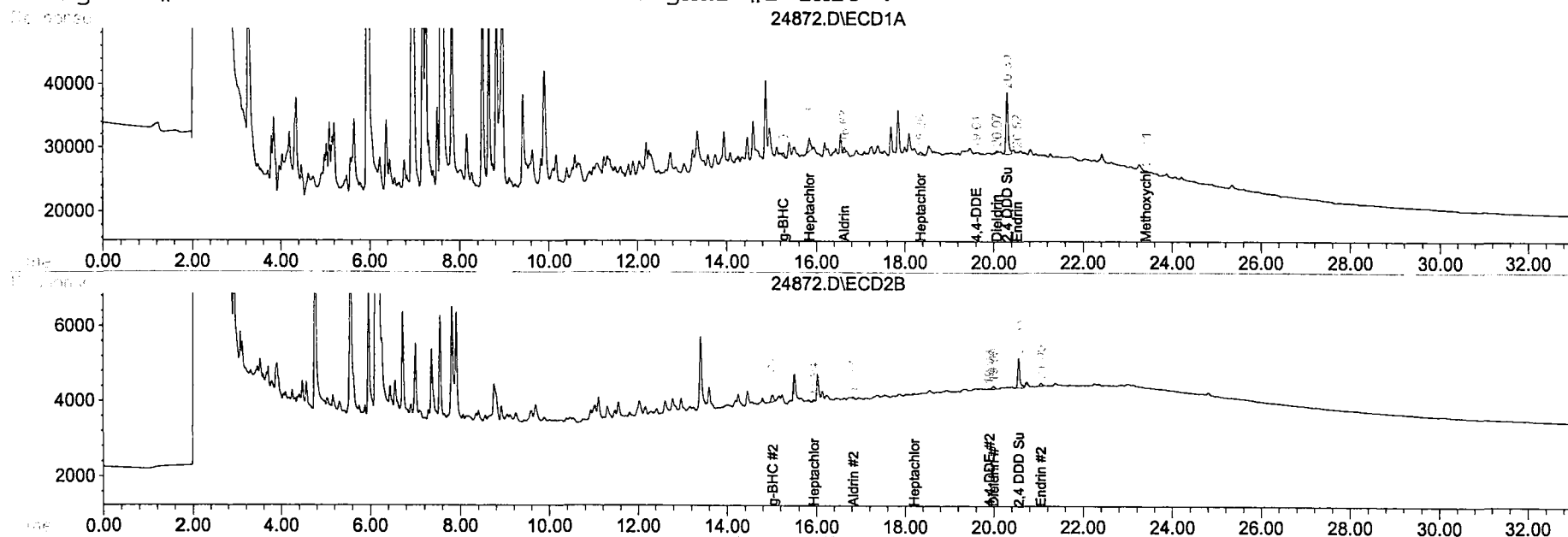
Data File : C:\HPCHEM\1\DATA\111601\24872.D\ECD1A.CH Vial: 36
 Acq On : 18 Nov 2010 12:48 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24872.D\ECD2B.CH Vial: 36
 Acq On : 18 Nov 101 12:48 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:36 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\24872.D\ECD1A.CH Vial: 36
Acq On : 18 Nov 2010 12:48 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24872.D\ECD2B.CH Vial: 36
Acq On : 18 Nov 10 12:48 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:32 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	318906	24466	0.020m	0.036 #
Spiked Amount	0.200		Recovery	=	10.00%	18.00%
Target Compounds						
1) TOX-1	17.85	0.00	362182	0	3.410	N.D. #
3) TOX-3	21.27f	0.00	11080	0	0.046	N.D. #

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

24872.D 111701T.M Mon Nov 19 14:32:07 2001

Page 1

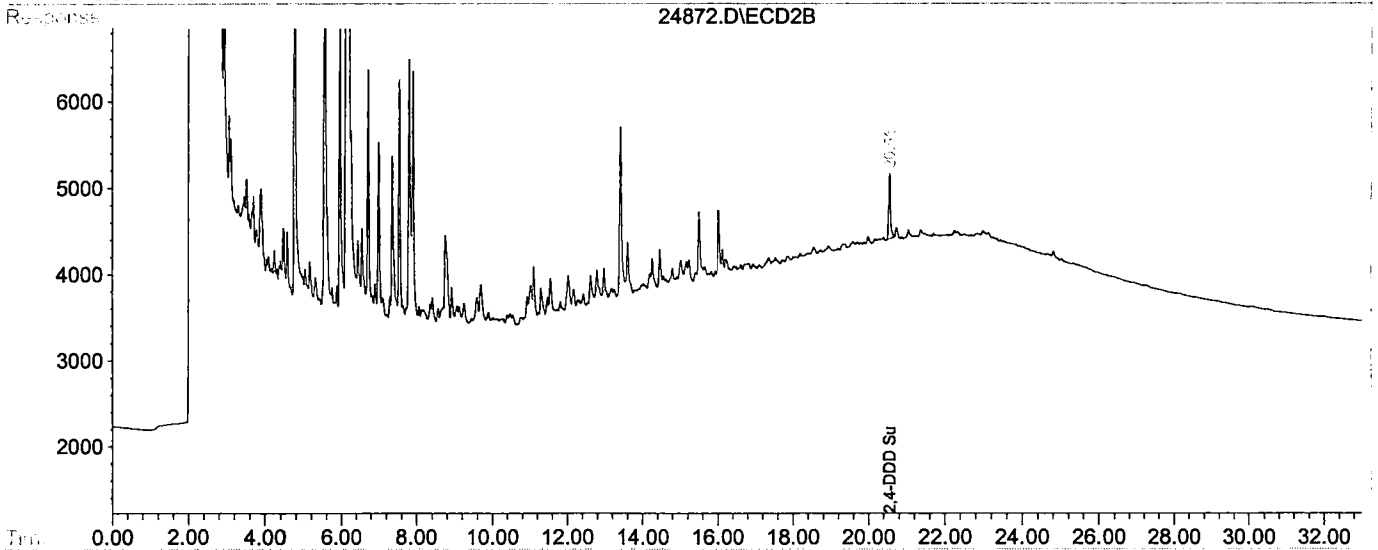
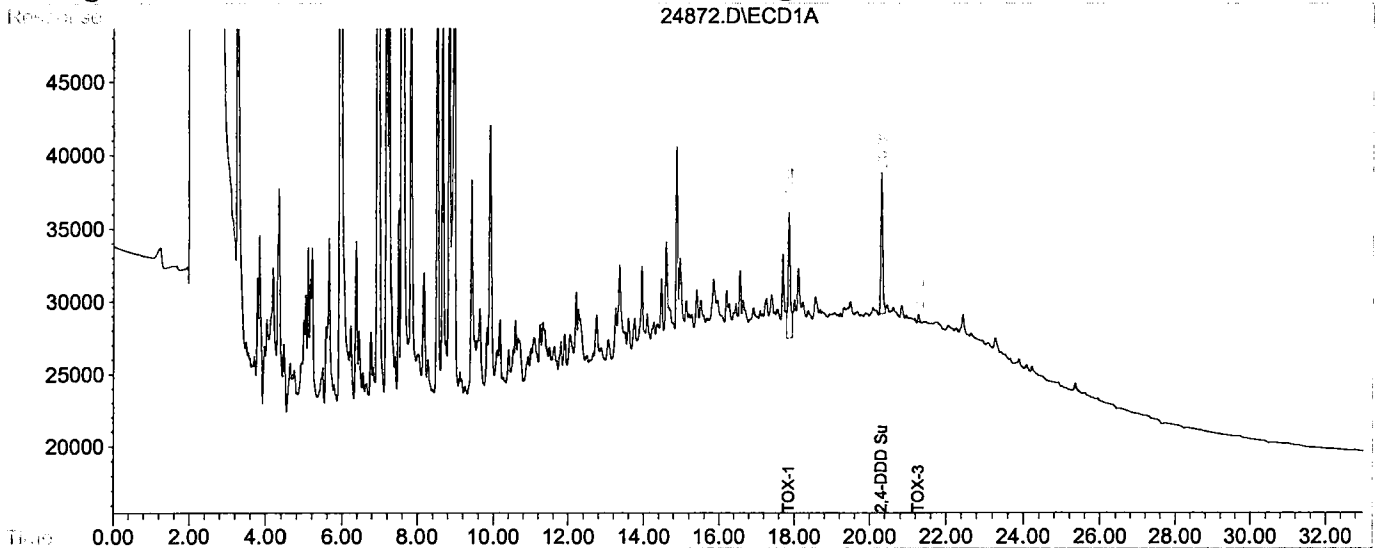
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24872.D\ECD1A.CH Vial: 36
 Acq On : 18 Nov 2010 12:48 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24872.D\ECD2B.CH Vial: 36
 Acq On : 18 Nov 101 12:48 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:32 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\24872.D\ECD1A.CH Vial: 36
Acq On : 18 Nov 2010 12:48 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24872.D\ECD2B.CH Vial: 36
Acq On : 18 Nov 2010 12:48 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 16:27 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	300188	24443	0.019	0.036 #
Spiked Amount	0.200		Recovery	=	9.50%	18.00%
Target Compounds						
1) 1232-1	12.65	13.83	5319	882	0.012	0.020 #
2) 1232-2	13.25	15.02	36823	7289	0.029	0.135 #
3) 1232-3	14.35	16.03	18279	19108	0.018	0.292 #
4) 1232-4	15.67	18.56	5992	3839	0.003	0.233 #
5) 1232-5	17.25	19.34	48456	990	0.044	0.054

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

24872.D 1232508.M Mon Nov 19 16:27:15 2001

Page 1

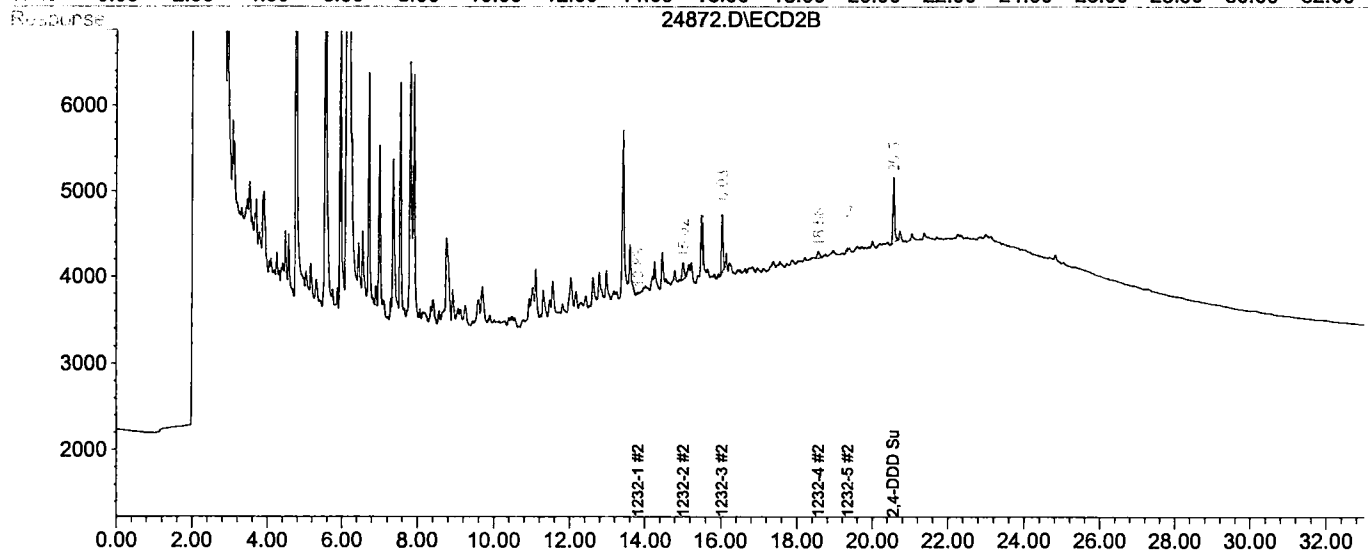
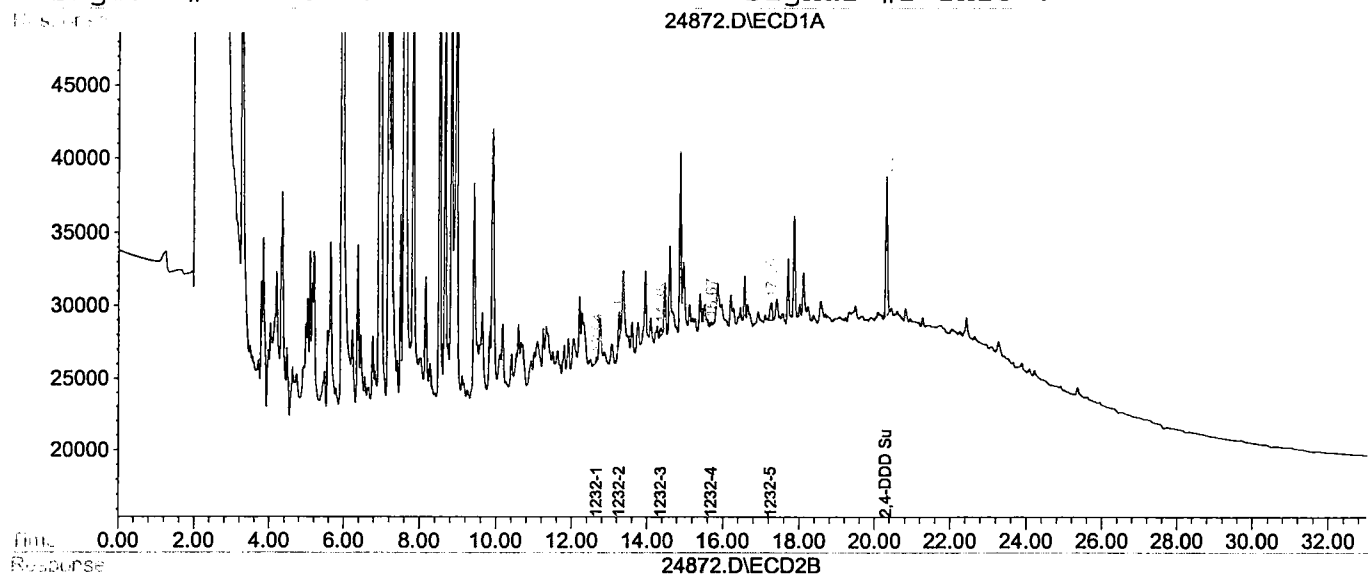
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24872.D\ECD1A.CH Vial: 36
 Acq On : 18 Nov 2010 12:48 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24872.D\ECD2B.CH Vial: 36
 Acq On : 18 Nov 101 12:48 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 16:27 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 AD24872 - Analysis \$525

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-28-2001 Time: 09:36:40

Recoveries for 7 of the 18 compounds in the MDL Standard were outside of their acceptance ranges, with no recovery for Benzo(a)pyrene, probably due to contamination showing in its chromatographic region. Recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 2 of the 18 compounds in the Spiked Sample and Spiked Duplicate Sample were outside of their acceptance ranges. The EPA 508 analysis was cancelled due to poor Surrogate Standard recovery for the 508 test. However results indicate that no 508 target analytes are present.

User: Nefiu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:30:45

Sample: AD24873
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/17/01 16:08 Ended: 11/16/01 16:08 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		

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\111601\24873.D\ECD1A.CH Vial: 37
Acq On : 18 Nov 2010 1:26 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24873.D\ECD2B.CH Vial: 37
Acq On : 18 Nov 101 1:26 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:06 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	2380444	175308	0.143	0.212m#
Spiked Amount	0.200		Recovery	=	71.50%	106.00%
Target Compounds						
1) Chlordane 1	18.92	15.50	9787	1956	0.011	0.025 #
2) Chlordane 2	19.32	0.00	4031	0	0.001	N.D. #

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

24873.D 111701C.M Mon Nov 19 14:06:52 2001

Page 1

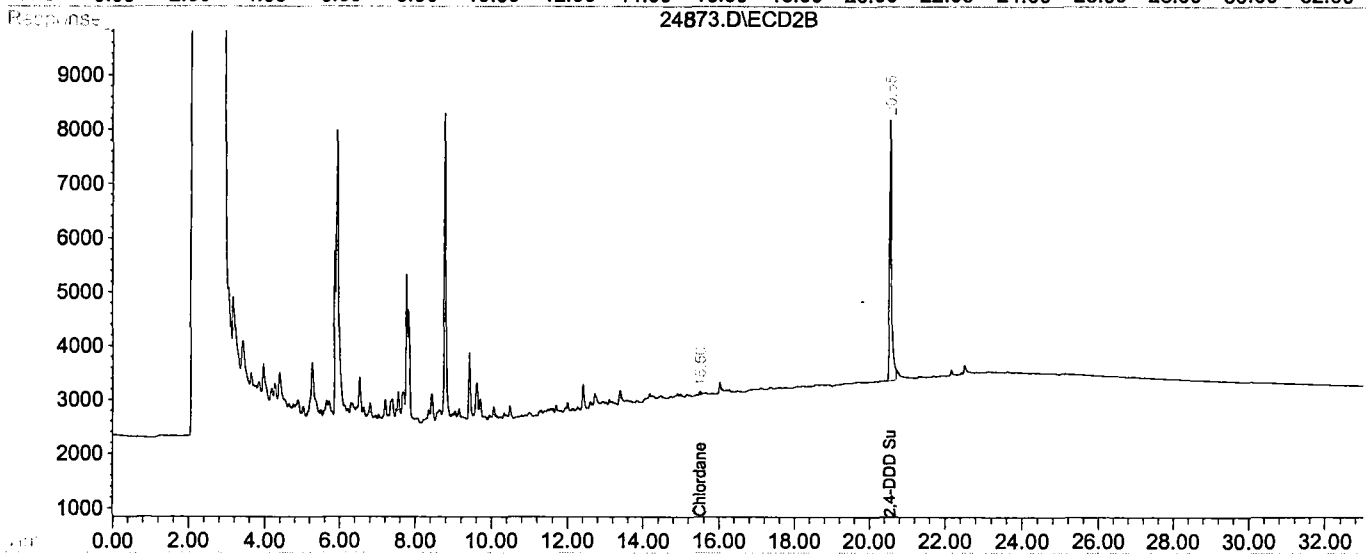
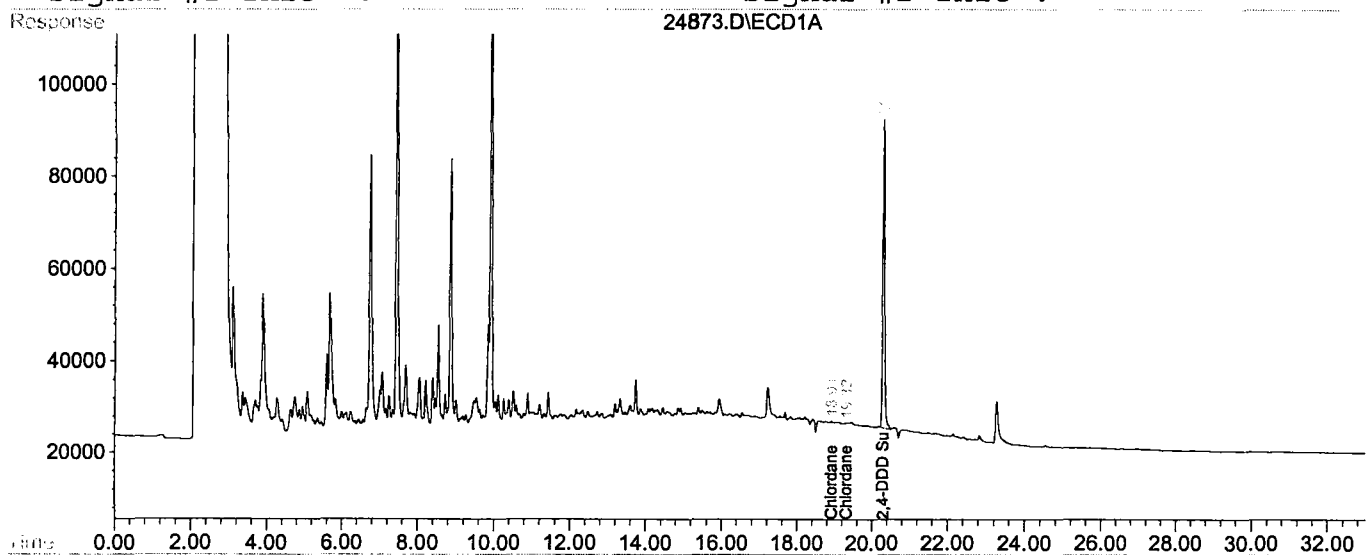
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24873.D\ECD1A.CH Vial: 37
Acq On : 18 Nov 2010 1:26 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24873.D\ECD2B.CH Vial: 37
Acq On : 18 Nov 101 1:26 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:06 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\24873.D\ECD1A.CH Vial: 37
 Acq On : 18 Nov 2010 1:26 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24873.D\ECD2B.CH Vial: 37
 Acq On : 18 Nov 101 1:26 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:36 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	2380589	175410	0.126	0.195m#
Spiked Amount	0.200		Recovery	=	63.00%	97.50%

Target Compounds

1) Propachlor	13.19	12.61	87614	3813	0.037m	0.029m
2) g-BHC	15.27	14.96	9451	1019	0.000	0.001 #
3) Heptachlor	15.84	15.82f	3886	862	0.000	0.001 #
4) Aldrin	16.62	16.81	530	417	0.000	0.000 #
5) Heptachlor Epoxi	18.42	18.23f	99789	842	0.003	0.000 #
6) 4,4-DDE	19.59	19.70	3304	1441	0.000	0.001 #
7) Dieldrin	19.90f	0.00	3842	0	0.000	N.D. #
8) Endrin	20.55	0.00	2822	0	0.000	N.D. #

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

24873.D 111901P.M Mon Nov 19 13:36:53 2001

Page 1

Quantitation Report

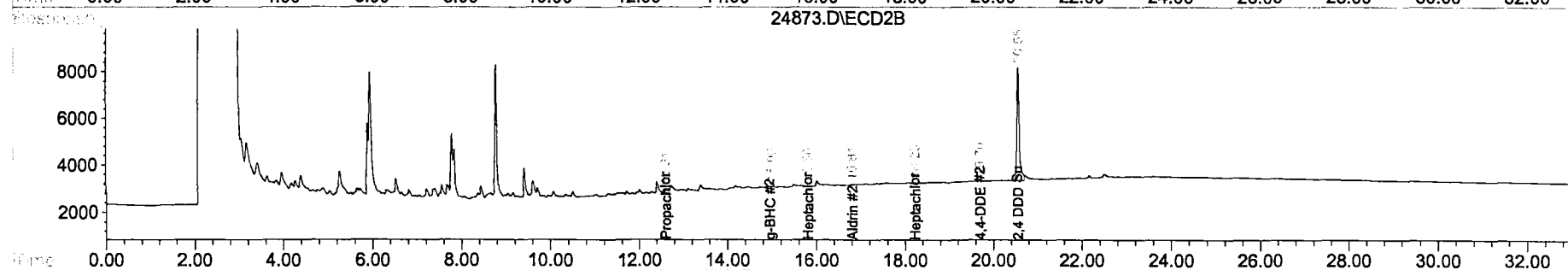
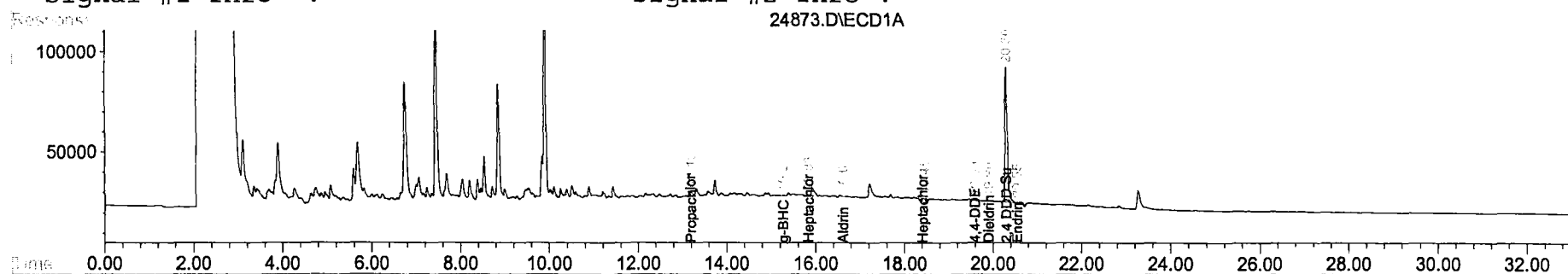
Data File : C:\HPCHEM\1\DATA\111601\24873.D\ECD1A.CH Vial: 37
 Acq On : 18 Nov 2010 1:26 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24873.D\ECD2B.CH Vial: 37
 Acq On : 18 Nov 101 1:26 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:36 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\24873.D\ECD1A.CH Vial: 37
 Acq On : 18 Nov 2010 1:26 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24873.D\ECD2B.CH Vial: 37
 Acq On : 18 Nov 10 1:26 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:32 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	20.55	2380770	173904	0.151m	0.259m#
Spiked Amount 0.200			Recovery	=	75.50%	129.50%
Target Compounds						
4) TOX-4	22.15f	0.00	30380	0	0.070	N.D. #

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

24873.D 111701T.M Mon Nov 19 14:32:40 2001

Page 1

Quantitation Report

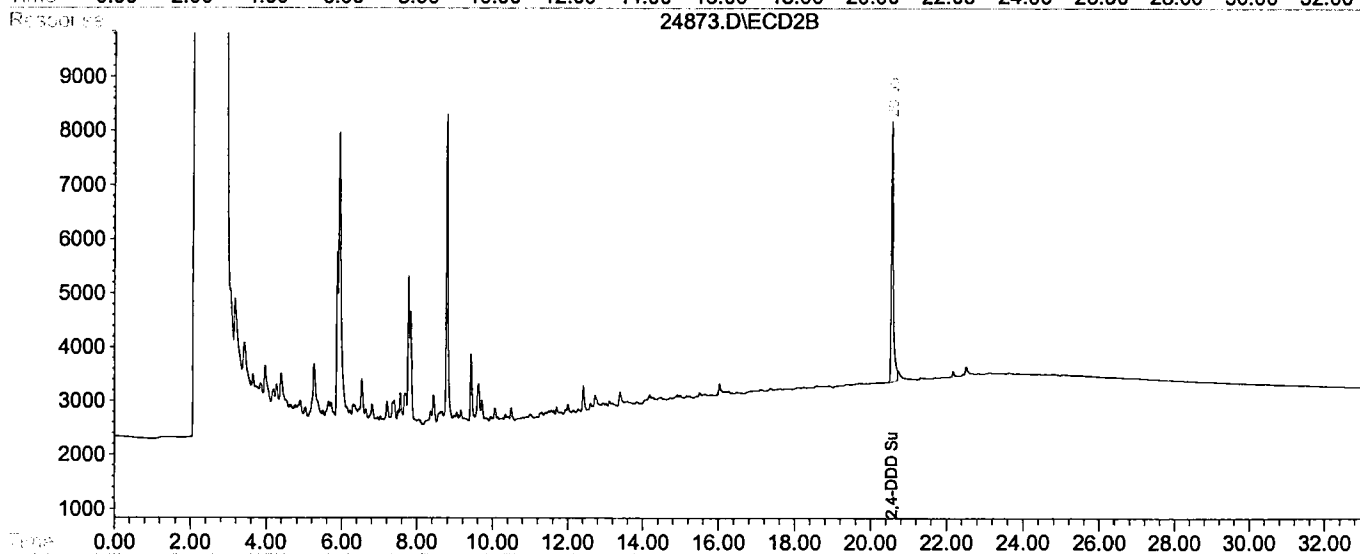
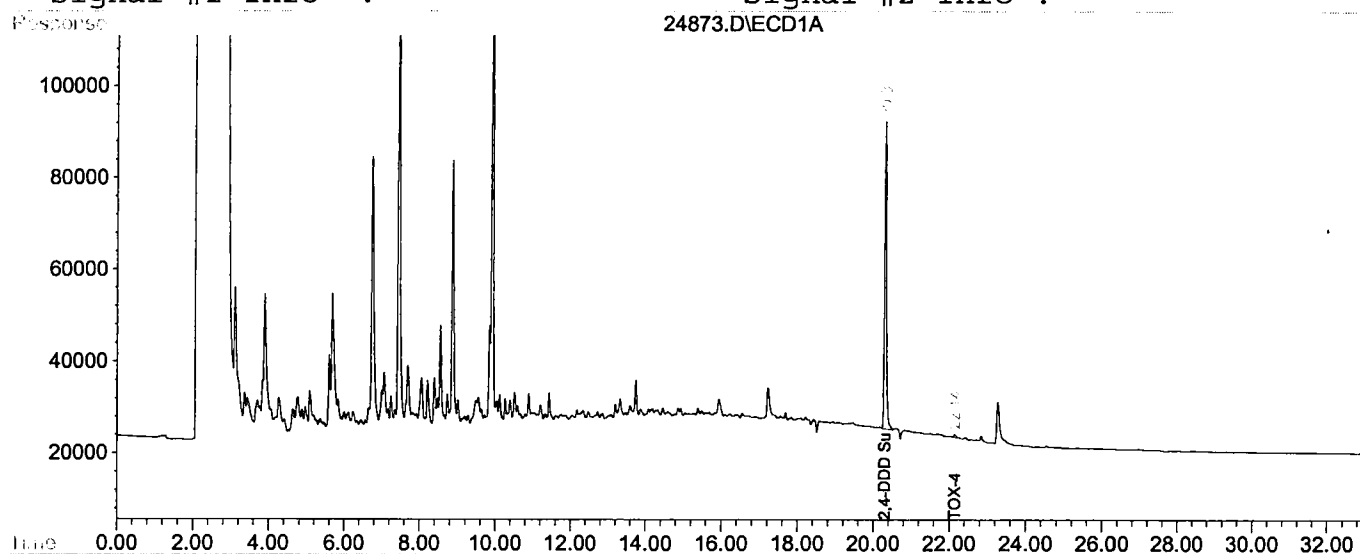
Data File : C:\HPCHEM\1\DATA\111601\24873.D\ECD1A.CH Vial: 37
Acq On : 18 Nov 2010 1:26 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24873.D\ECD2B.CH Vial: 37
Acq On : 18 Nov 10 1:26 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:32 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\24873.D\ECD1A.CH Vial: 37
Acq On : 18 Nov 2010 1:26 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24873.D\ECD2B.CH Vial: 37
Acq On : 18 Nov 101 1:26 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 16:27 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	2380589	186852	0.151	0.278 #
Spiked Amount	0.200		Recovery	=	75.50%	139.00%
Target Compounds						
1) 1232-1	0.00	13.77	0	220	N.D. d	0.005
2) 1232-2	13.33	15.00	115378	1039	0.090	0.019 #
3) 1232-3	14.46	16.02	46247	6587	0.047	0.101 #
4) 1232-4	0.00	18.60	0	1103	N.D. d	0.067
5) 1232-5	17.22	19.39	295935	953	0.271	0.052 #

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

24873.D 1232508.M Mon Nov 19 16:27:43 2001

Page 1

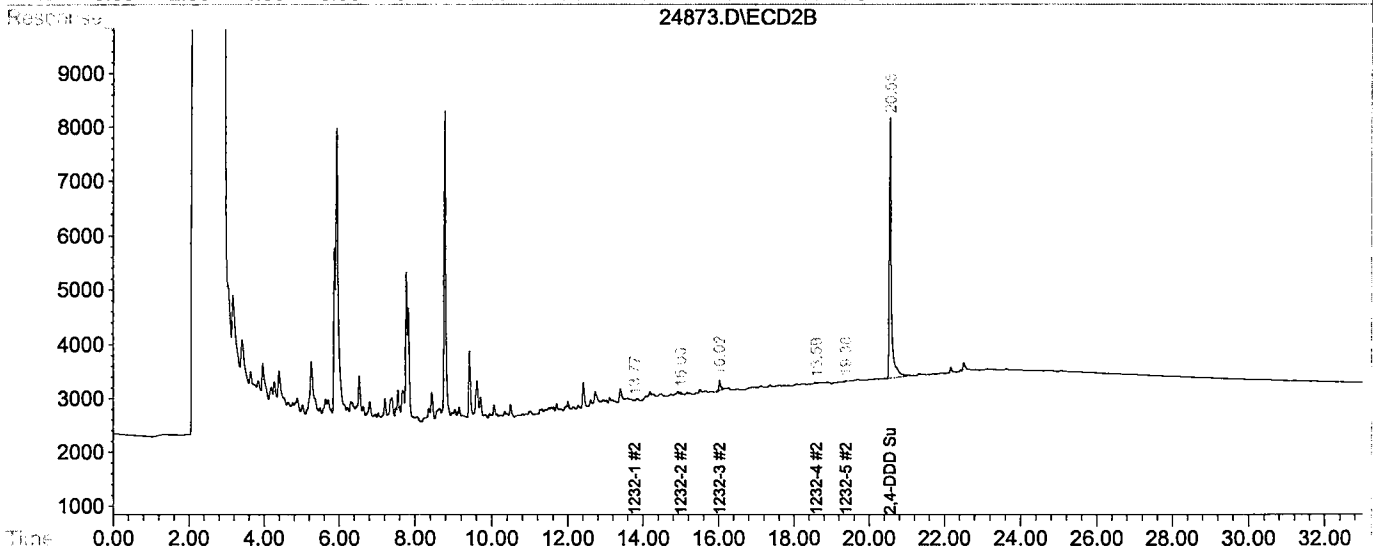
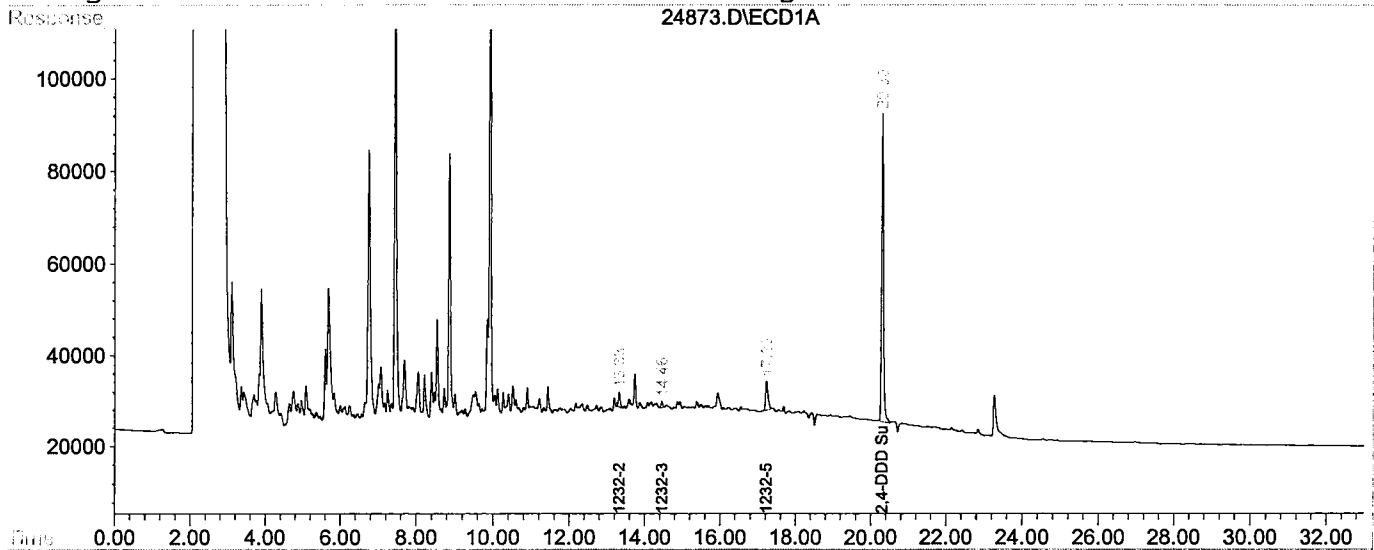
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24873.D\ECD1A.CH Vial: 37
 Acq On : 18 Nov 2010 1:26 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24873.D\ECD2B.CH Vial: 37
 Acq On : 18 Nov 101 1:26 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 16:27 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 AD24873 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-28-2001 Time: 09:43:20

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

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:31:11

Sample: AD24874
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/17/01 16:08 Ended: 11/16/01 16:08 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\24874.D\ECD1A.CH Vial: 38
 Acq On : 18 Nov 2010 2:04 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24874.D\ECD2B.CH Vial: 38
 Acq On : 18 Nov 10 2:04 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:07 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	2489591	170383	0.150	0.206m#
Spiked Amount	0.200		Recovery	=	75.00%	103.00%

Target Compounds

1) Chlordane 1	0.00	15.51	0	1382	N.D. d	0.018
2) Chlordane 2	19.27	0.00	374	0	0.000	N.D. #
3) Chlordane 3	19.47	0.00	7471	0	0.002	N.D. #

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

24874.D 111701C.M Mon Nov 19 14:07:20 2001

Page 1

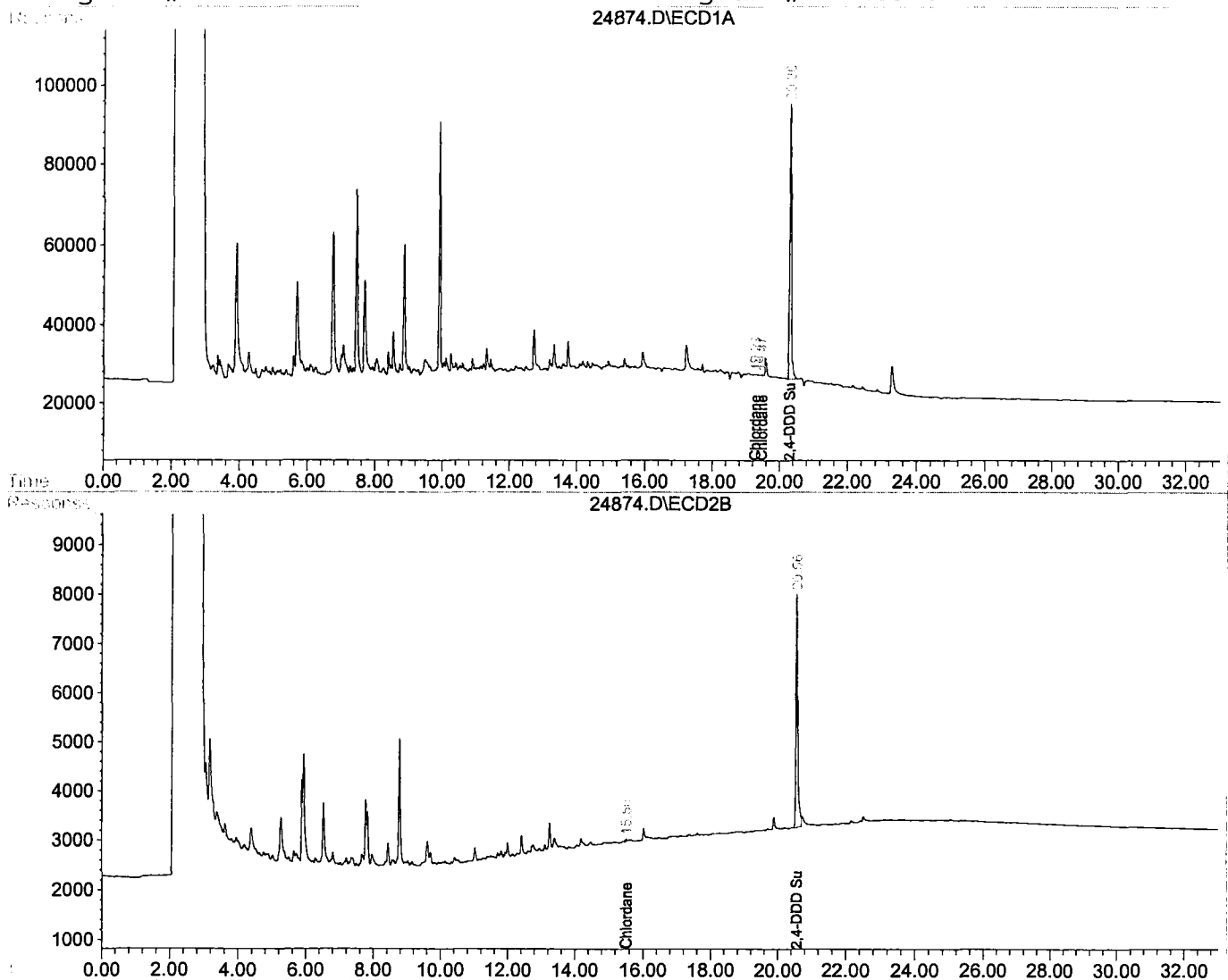
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24874.D\ECD1A.CH Vial: 38
Acq On : 18 Nov 2010 2:04 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24874.D\ECD2B.CH Vial: 38
Acq On : 18 Nov 101 2:04 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:07 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\24874.D\ECD1A.CH Vial: 38
Acq On : 18 Nov 2010 2:04 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24874.D\ECD2B.CH Vial: 38
Acq On : 18 Nov 101 2:04 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Nov 19 13:37 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	2503227	173205	0.132m	0.192m#
	Spiked Amount	0.200		Recovery	=	66.00%	96.00%

Target Compounds

1)	Propachlor	13.19	12.61	97086	1296	0.041m	0.010 #
2)	g-BHC	15.27	14.96	8345	224	0.000	0.000 #
4)	Aldrin	16.69	16.80	12734	547	0.000	0.000
6)	4,4-DDE	19.58	19.89	138741	9144	0.004	0.007 #
7)	Dieldrin	19.90f	20.21f	2169	513	0.000	0.000 #

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

24874.D 111901P.M Mon Nov 19 13:37:44 2001

Page 1

Quantitation Report

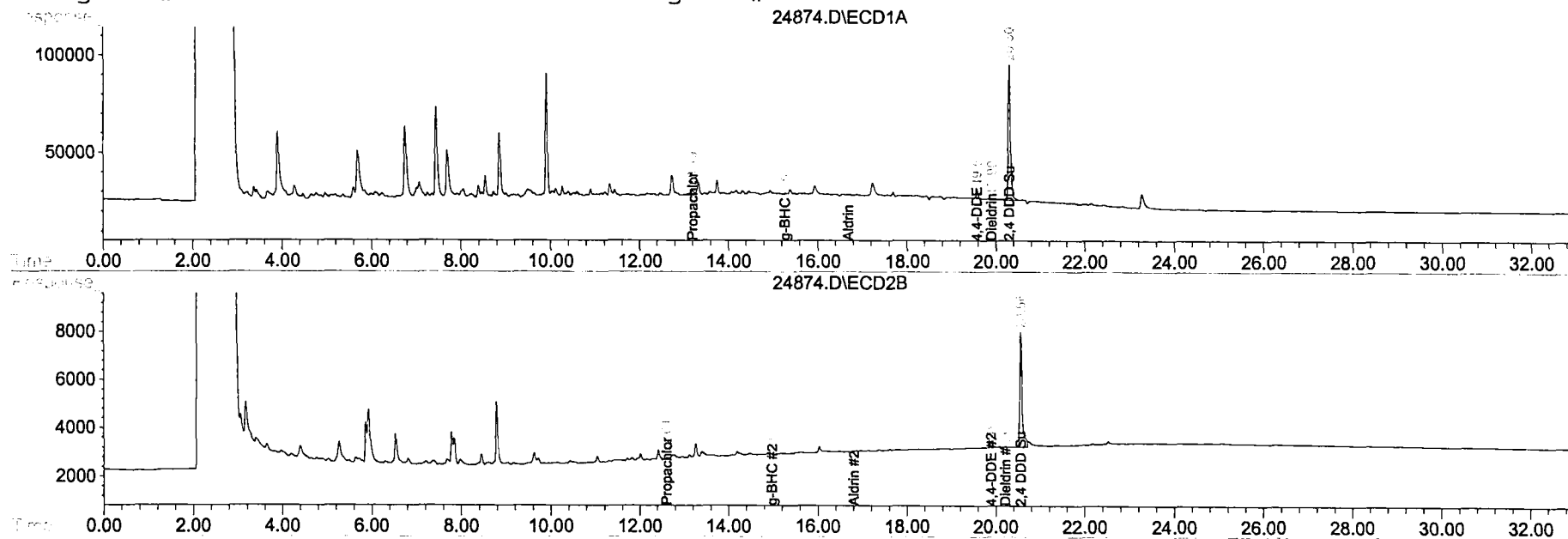
Data File : C:\HPCHEM\1\DATA\111601\24874.D\ECD1A.CH Vial: 38
Acq On : 18 Nov 2010 2:04 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24874.D\ECD2B.CH Vial: 38
Acq On : 18 Nov 10 2:04 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Nov 19 13:37 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\24874.D\ECD1A.CH Vial: 38
Acq On : 18 Nov 2010 2:04 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24874.D\ECD2B.CH Vial: 38
Acq On : 18 Nov 10 2:04 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:33 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	2494681	166049	0.158m	0.247m#
Spiked Amount	0.200		Recovery	=	79.00%	123.50%
Target Compounds						
4) TOX-4	22.43	0.00	38000	0	0.088	N.D. #

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

24874.D 111701T.M Mon Nov 19 14:33:14 2001

Page 1

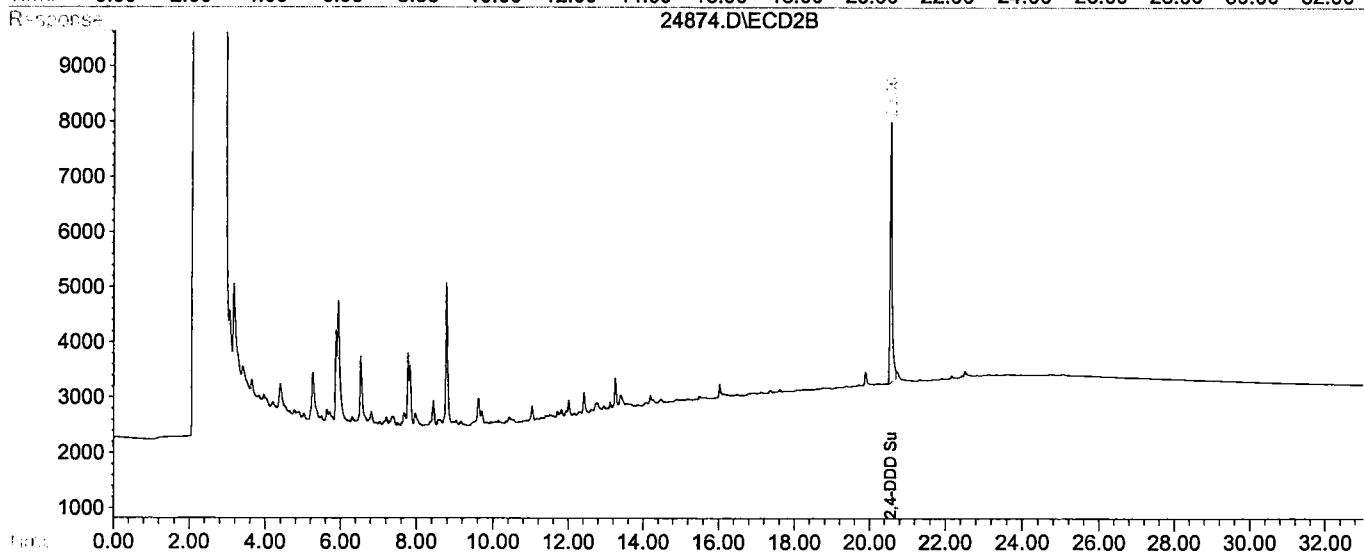
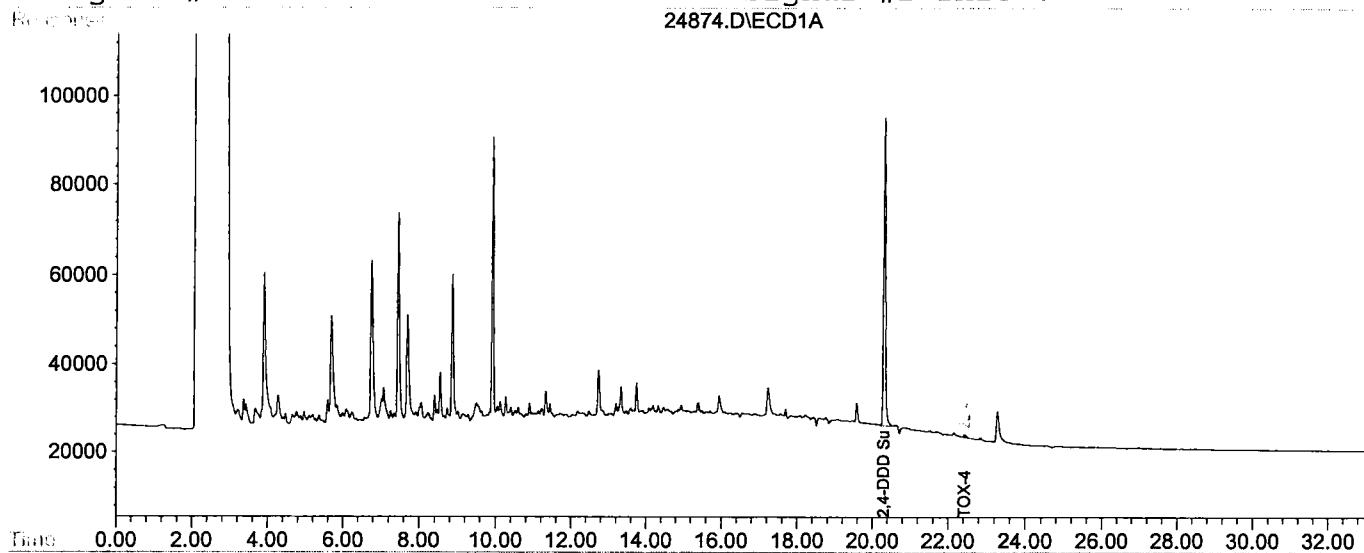
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24874.D\ECD1A.CH Vial: 38
Acq On : 18 Nov 2010 2:04 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24874.D\ECD2B.CH Vial: 38
Acq On : 18 Nov 101 2:04 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:33 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\24875.D\ECD1A.CH Vial: 39
 Acq On : 18 Nov 2010 2:41 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24875.D\ECD2B.CH Vial: 39
 Acq On : 18 Nov 101 2:41 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 16:28 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	2414742	168504	0.153	0.251 #
Spiked Amount 0.200			Recovery	=	76.50%	125.50%
Target Compounds						
1) 1232-1	12.63	13.84	1628	1241	0.004	0.028 #
2) 1232-2	13.33	14.92	113008	2161	0.088	0.040 #
3) 1232-3	14.46	16.02	43862	6652	0.044	0.102 #
4) 1232-4	15.69	18.68	17098	1454	0.010	0.088 #
5) 1232-5	17.22	19.40	193491	880	0.177	0.048 #

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

24875.D 1232508.M Mon Nov 19 16:28:21 2001

Page 1

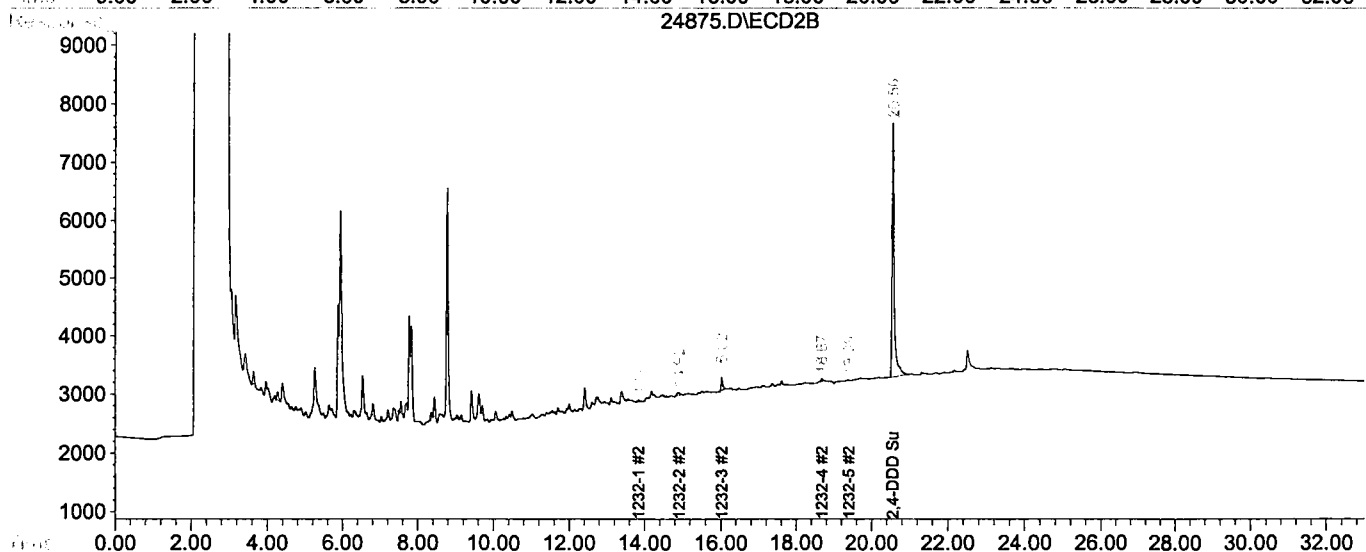
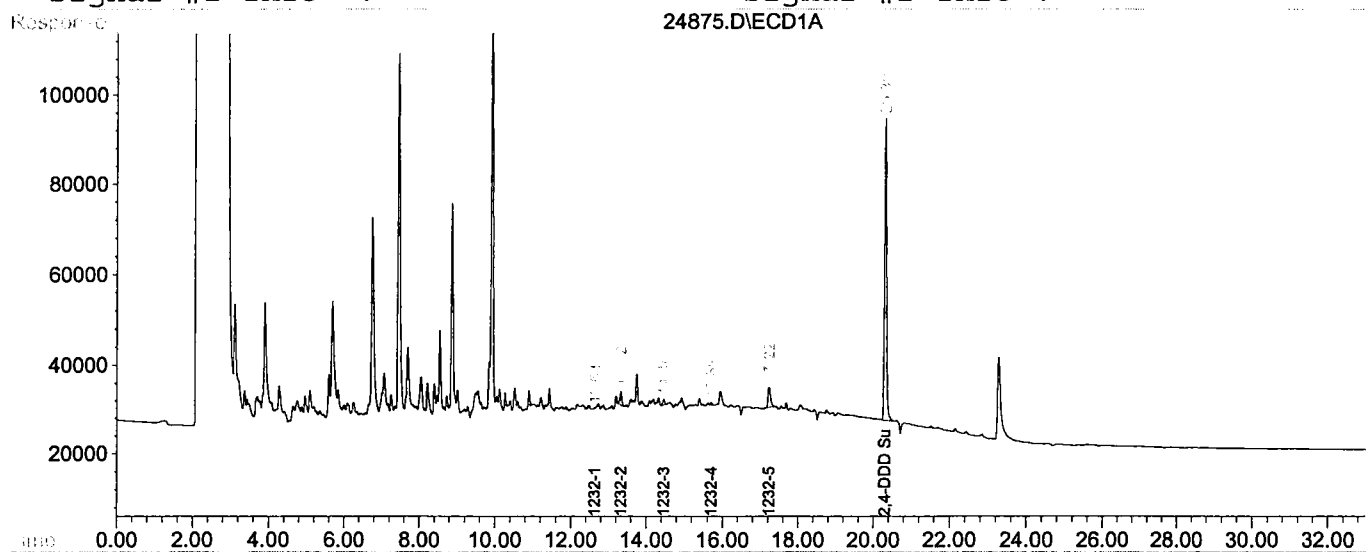
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24875.D\ECD1A.CH Vial: 39
 Acq On : 18 Nov 2010 2:41 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24875.D\ECD2B.CH Vial: 39
 Acq On : 18 Nov 101 2:41 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 16:28 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 AD24874 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-28-2001 Time: 09:44:26

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

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:31:44

Sample: AD24875
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/17/01 16:08 Ended: 11/16/01 16:08 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\24875.D\ECD1A.CH Vial: 39
 Acq On : 18 Nov 2010 2:41 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24875.D\ECD2B.CH Vial: 39
 Acq On : 18 Nov 10 2:41 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:07 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	2414757	158870	0.145	0.193m#
	Spiked Amount	0.200		Recovery	=	72.50%	96.50%

Target Compounds

1)	Chlordane 1	18.92	0.00	20742	0	0.024	N.D. #
2)	Chlordane 2	19.26	0.00	1138	0	0.000	N.D. d#
3)	Chlordane 3	19.33	0.00	2920	0	0.001	N.D. #

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

24875.D 111701C.M Mon Nov 19 14:07:47 2001

Page 1

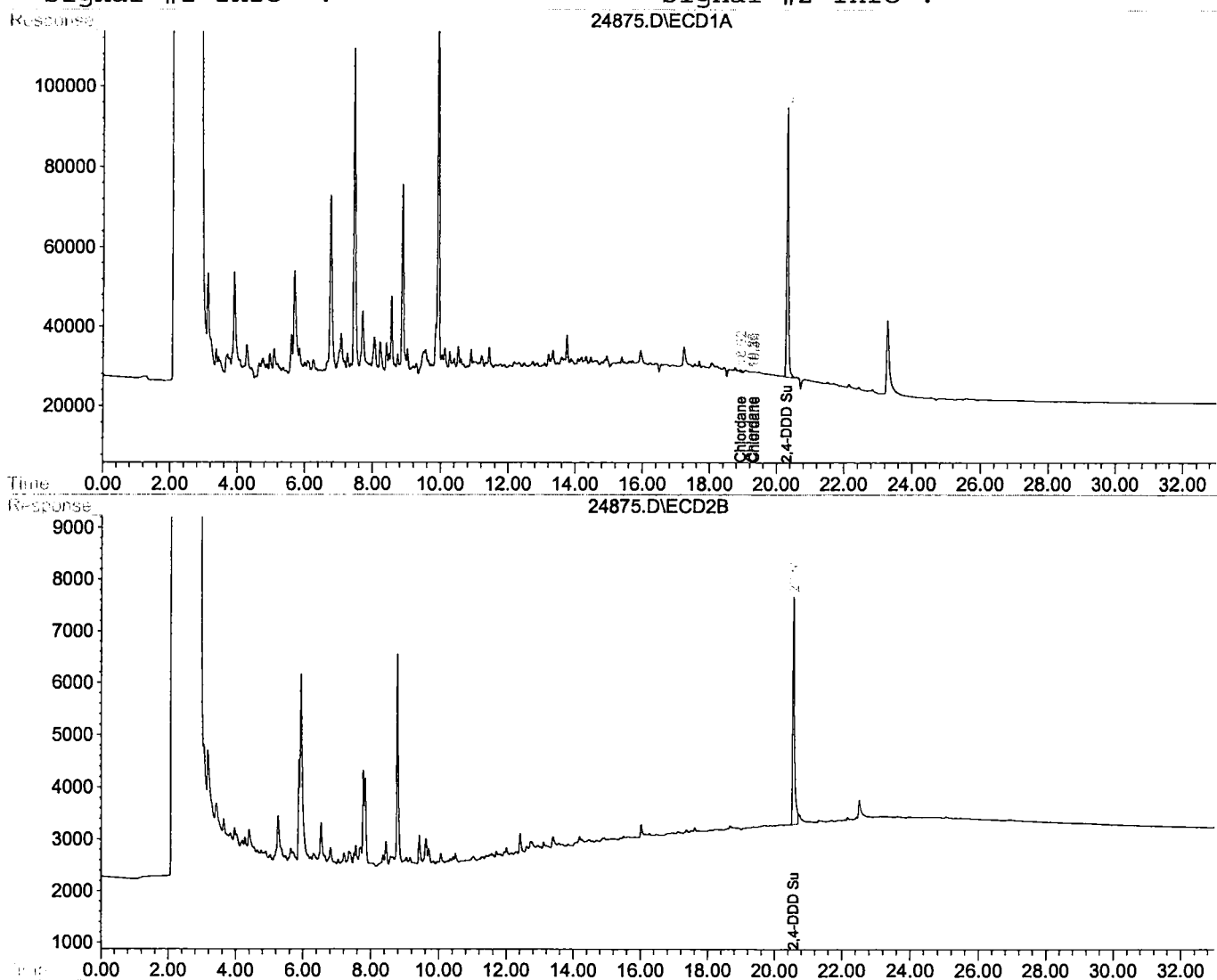
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24875.D\ECD1A.CH Vial: 39
Acq On : 18 Nov 2010 2:41 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24875.D\ECD2B.CH Vial: 39
Acq On : 18 Nov 101 2:41 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:07 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\24875.D\ECD1A.CH Vial: 39
 Acq On : 18 Nov 2010 2:41 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24875.D\ECD2B.CH Vial: 39
 Acq On : 18 Nov 101 2:41 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:38 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	2414742	168504	0.127	0.187 #
	Spiked Amount	0.200		Recovery	=	63.50%	93.50%

Target Compounds

1)	Propachlor	13.19	12.61	96917	3957	0.041m	0.030m#
2)	g-BHC	15.28	14.97	10939	151	0.000	0.000 #
3)	Heptachlor	15.84	0.00	2739	0	0.000	N.D. #
6)	4,4-DDE	19.57	19.71	2417	691	0.000	0.001 #
7)	Dieldrin	0.00	20.19f	0	871	N.D. d	0.000

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

24875.D 111901P.M Mon Nov 19 13:38:34 2001

Page 1

Quantitation Report

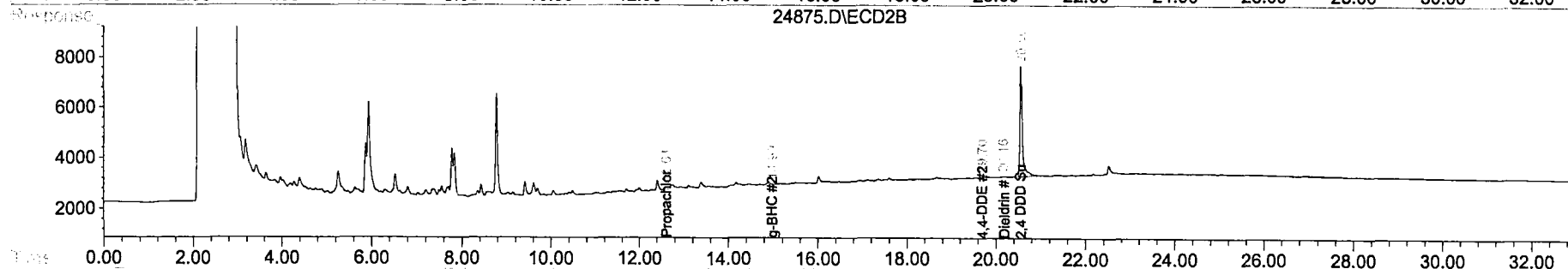
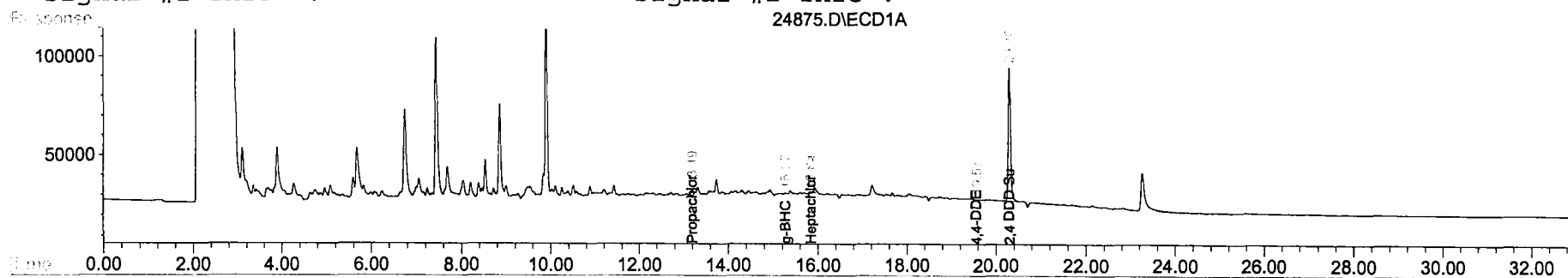
Data File : C:\HPCHEM\1\DATA\111601\24875.D\ECD1A.CH Vial: 39
 Acq On : 18 Nov 2010 2:41 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24875.D\ECD2B.CH Vial: 39
 Acq On : 18 Nov 10 2:41 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:38 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\24875.D\ECD1A.CH Vial: 39
 Acq On : 18 Nov 2010 2:41 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24875.D\ECD2B.CH Vial: 39
 Acq On : 18 Nov 10 2:41 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:33 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	2398241	156866	0.152m	0.233m#
Spiked Amount	0.200		Recovery	=	76.00%	116.50%

Target Compounds

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

24875.D 111701T.M Mon Nov 19 14:33:45 2001

Page 1

Quantitation Report

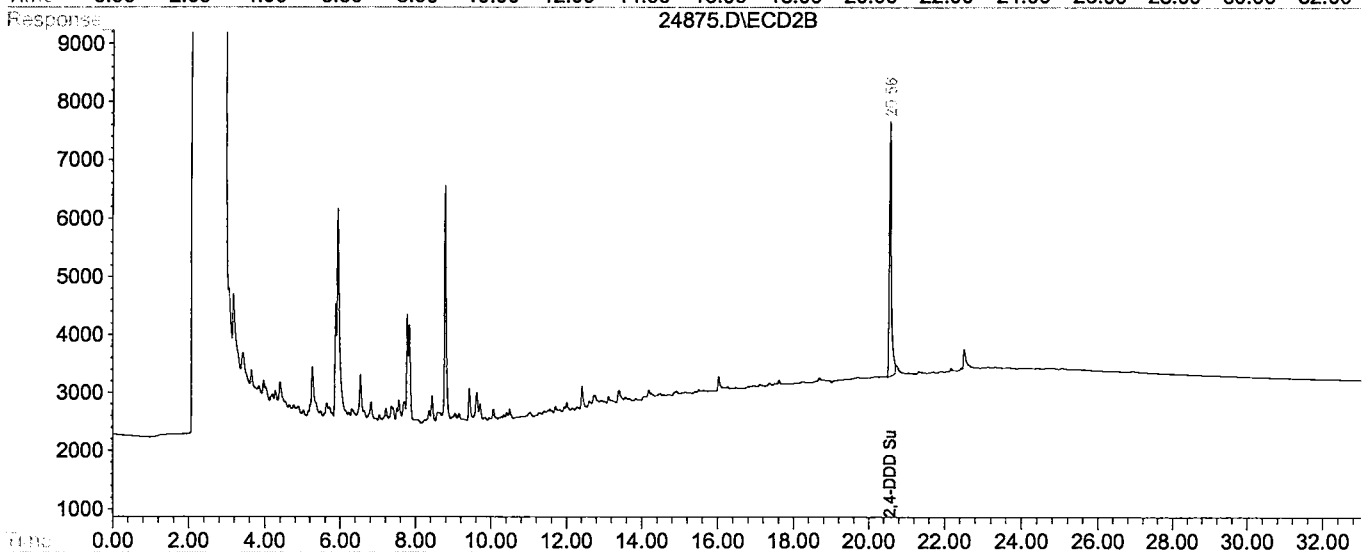
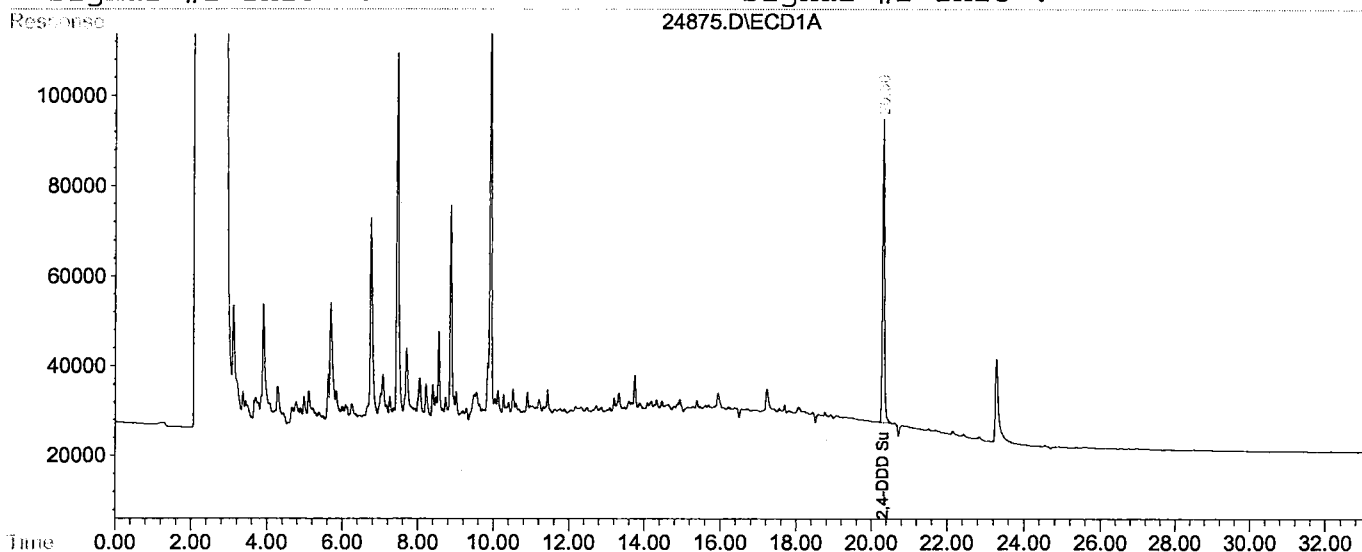
Data File : C:\HPCHEM\1\DATA\111601\24875.D\ECD1A.CH Vial: 39
 Acq On : 18 Nov 2010 2:41 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24875.D\ECD2B.CH Vial: 39
 Acq On : 18 Nov 10 2:41 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:33 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\24874.D\ECD1A.CH Vial: 38
Acq On : 18 Nov 2010 2:04 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24874.D\ECD2B.CH Vial: 38
Acq On : 18 Nov 10 2:04 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 16:28 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	2473353	145396	0.157	0.216 #
Spiked Amount	0.200		Recovery	=	78.50%	108.00%
Target Compounds						
1) 1232-1	12.62	13.84	3002	990	0.007	0.023 #
2) 1232-2	13.33	14.92	188496	1297	0.146	0.024 #
3) 1232-3	14.46	16.02	29833	6829	0.030	0.104 #
4) 1232-4	0.00	18.61	0	112	N.D. d	0.007
5) 1232-5	17.23	19.38	363436	913	0.333	0.050 #

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

24874.D 1232508.M Mon Nov 19 16:28:32 2001

Page 1

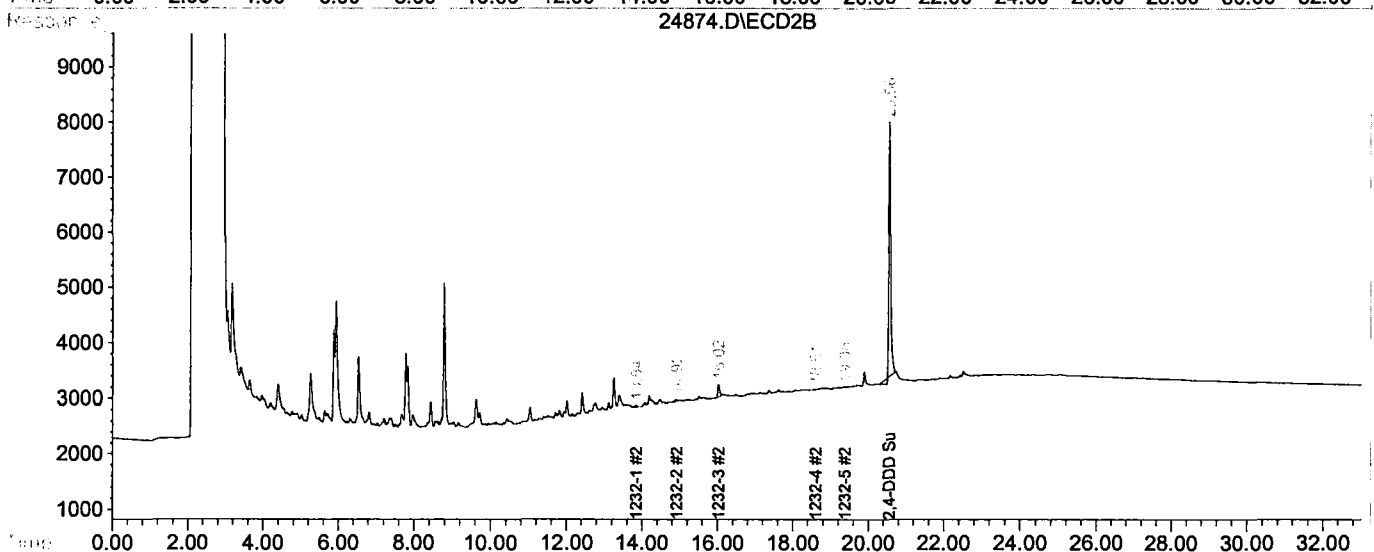
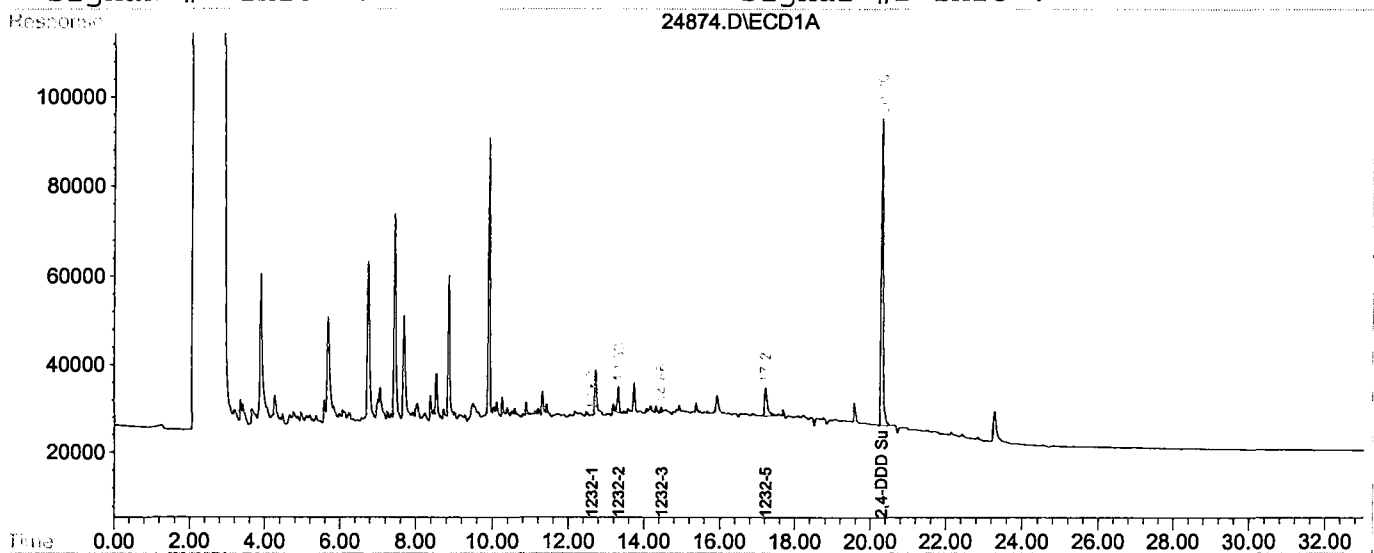
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24874.D\ECD1A.CH Vial: 38
Acq On : 18 Nov 2010 2:04 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24874.D\ECD2B.CH Vial: 38
Acq On : 18 Nov 10 2:04 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 16:28 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 AD24875 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-28-2001 Time: 09:45:25

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

User: Nefiu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:32:17

Sample: AD24876
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/17/01 16:08 Ended: 11/16/01 16:08 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\24876.D\ECD1A.CH Vial: 40
Acq On : 18 Nov 2010 3:19 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24876.D\ECD2B.CH Vial: 40
Acq On : 18 Nov 101 3:19 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:08 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	2610789	168525	0.157	0.204m#
Spiked Amount	0.200		Recovery	=	78.50%	102.00%
Target Compounds						
1) Chlordane 1	18.92	0.00	29565	0	0.034	N.D. #
2) Chlordane 2	19.27	0.00	338	0	0.000	N.D. #
3) Chlordane 3	19.32	0.00	2808	0	0.001	N.D. #

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

24876.D 111701C.M Mon Nov 19 14:08:12 2001

Page 1

Quantitation Report

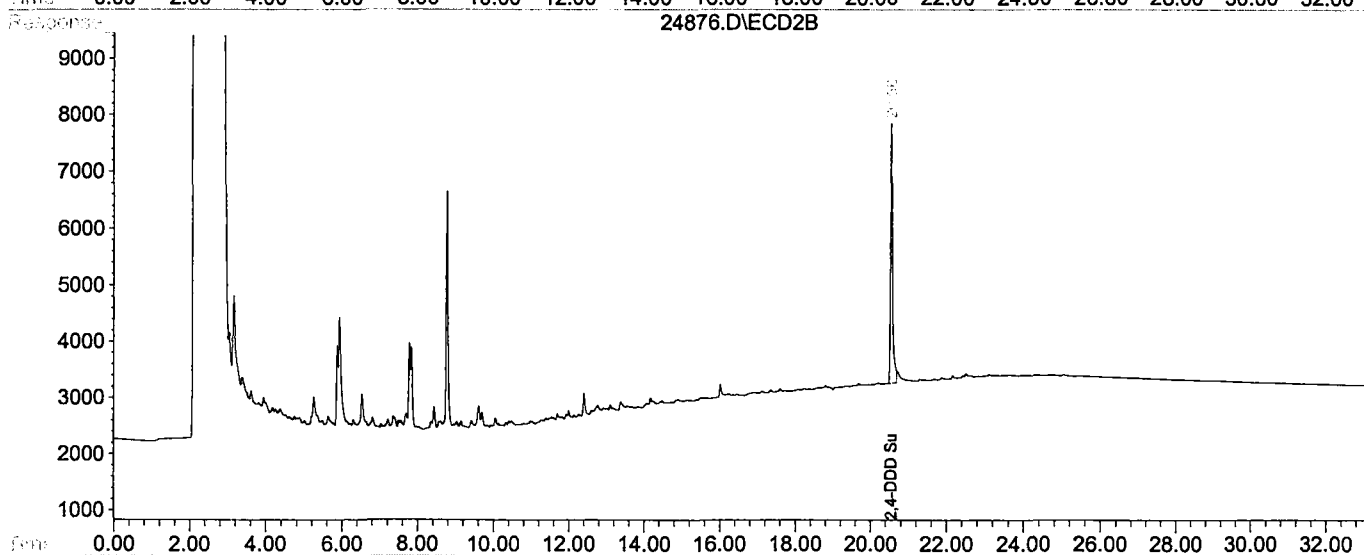
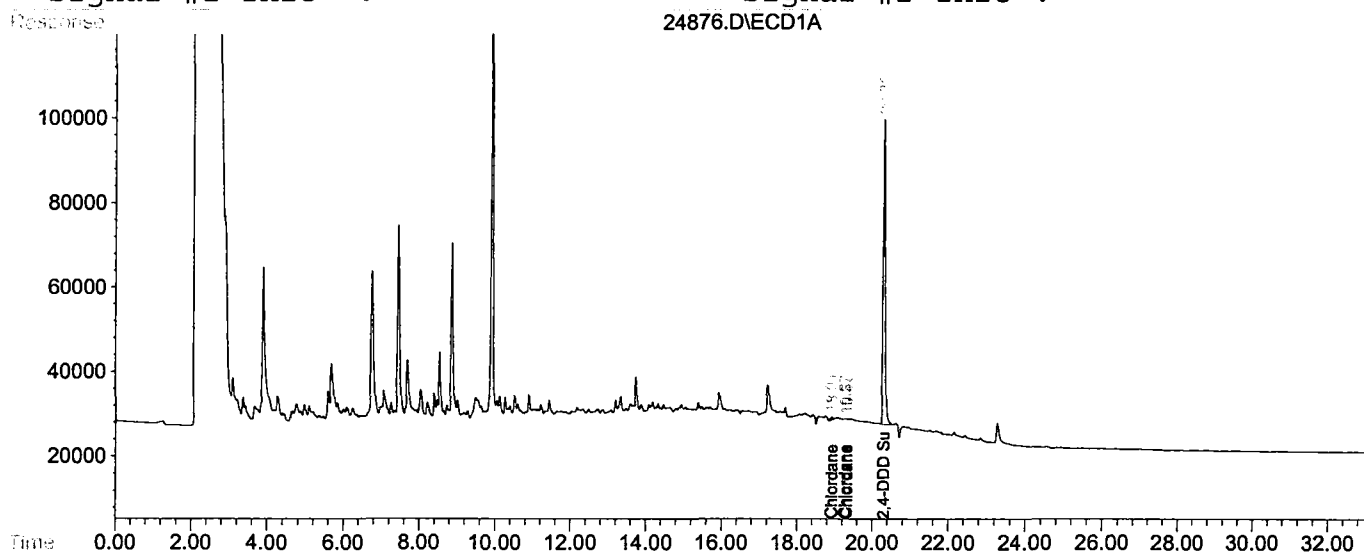
Data File : C:\HPCHEM\1\DATA\111601\24876.D\ECD1A.CH Vial: 40
Acq On : 18 Nov 2010 3:19 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24876.D\ECD2B.CH Vial: 40
Acq On : 18 Nov 10 3:19 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:08 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\24876.D\ECD1A.CH Vial: 40
 Acq On : 18 Nov 2010 3:19 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24876.D\ECD2B.CH Vial: 40
 Acq On : 18 Nov 101 3:19 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:39 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	2611023	165596	0.138	0.184m#
Spiked Amount	0.200		Recovery	=	69.00%	92.00%
Target Compounds						
1) Propachlor	13.20	12.61	95024	1712	0.041m	0.013m#
3) Heptachlor	15.84	15.87	2517	145	0.000	0.000
6) 4,4-DDE	19.57	19.70	1631	775	0.000	0.001 #
7) Dieldrin	19.90f	20.21f	1137	901	0.000	0.000 #

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

24876.D 111901P.M Mon Nov 19 13:39:30 2001

Quantitation Report

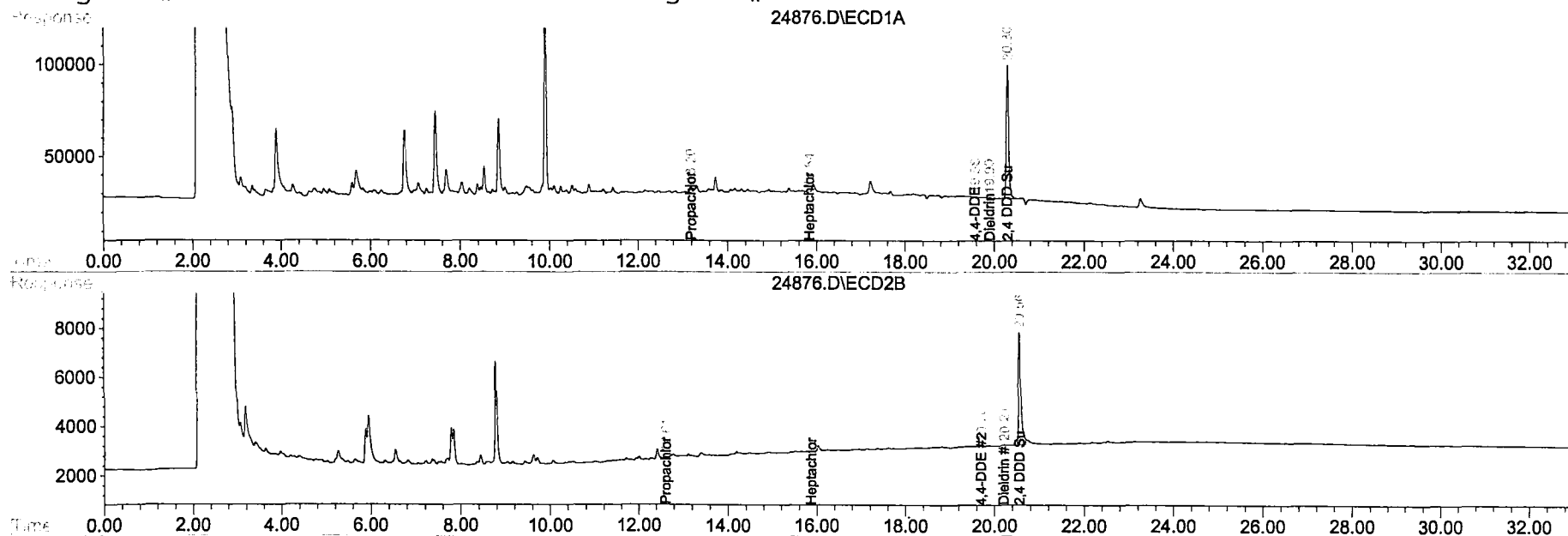
Data File : C:\HPCHEM\1\DATA\111601\24876.D\ECD1A.CH Vial: 40
 Acq On : 18 Nov 2010 3:19 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24876.D\ECD2B.CH Vial: 40
 Acq On : 18 Nov 101 3:19 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:39 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\24876.D\ECD1A.CH Vial: 40
Acq On : 18 Nov 2010 3:19 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24876.D\ECD2B.CH Vial: 40
Acq On : 18 Nov 101 3:19 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:34 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	2626474	169535	0.167m	0.252m#
Spiked Amount	0.200		Recovery	=	83.50%	126.00%

Target Compounds

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

24876.D 111701T.M Mon Nov 19 14:34:18 2001

Page 1

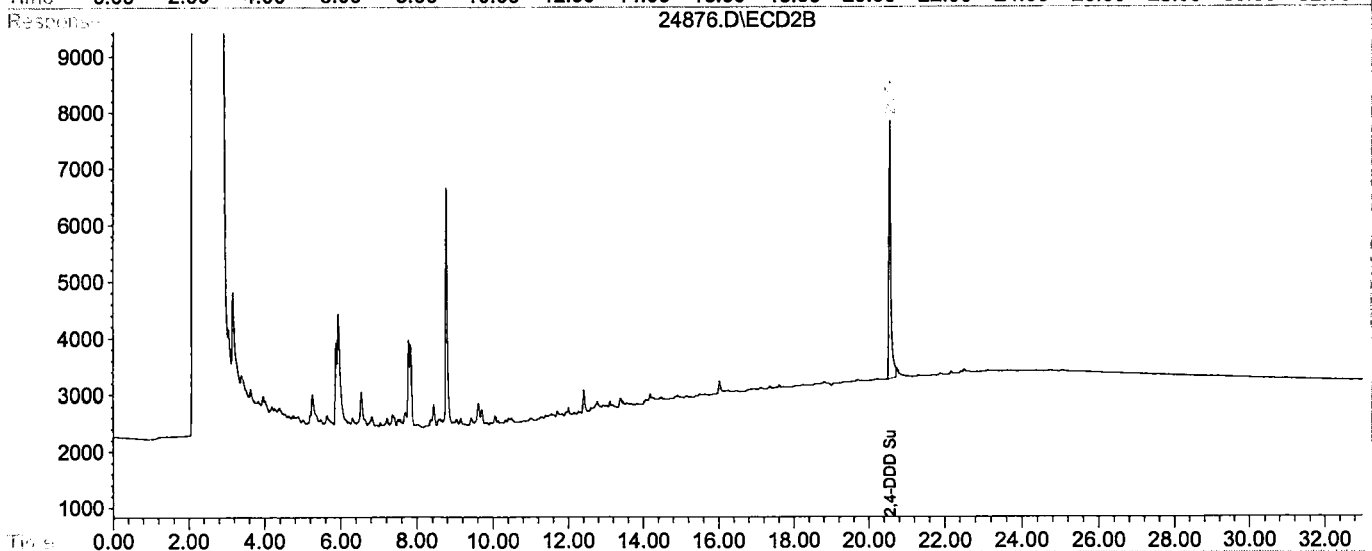
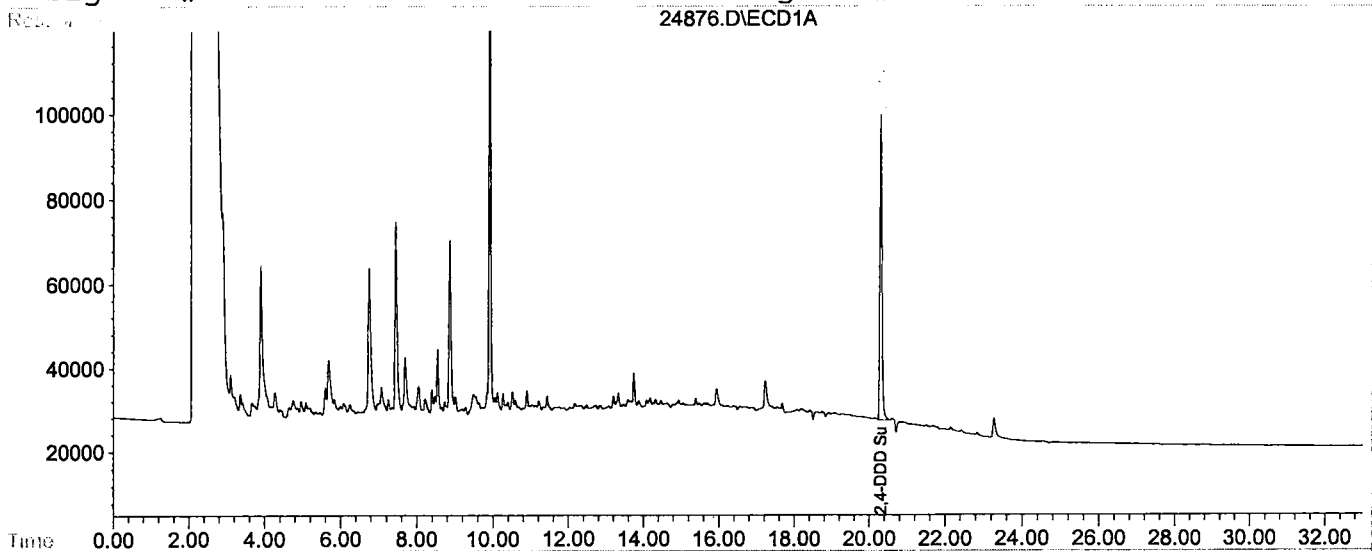
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24876.D\ECD1A.CH Vial: 40
 Acq On : 18 Nov 2010 3:19 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24876.D\ECD2B.CH Vial: 40
 Acq On : 18 Nov 2010 3:19 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 14:34 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\24877.D\ECD1A.CH Vial: 41
Acq On : 18 Nov 2010 3:57 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24877.D\ECD2B.CH Vial: 41
Acq On : 18 Nov 101 3:57 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 16:29 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	2948215	202975	0.187	0.302 #
Spiked Amount	0.200		Recovery	=	93.50%	151.00%
Target Compounds						
1) 1232-1	12.56	13.85	958	1263	0.002	0.029 #
2) 1232-2	13.33	14.92	84029	2922	0.065	0.054
3) 1232-3	14.46	16.03	57451	8945	0.058	0.137 #
4) 1232-4	0.00	18.24	0	1693	N.D. d	0.103
5) 1232-5	17.23	19.40	284433	961	0.260	0.053 #

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

24877.D 1232508.M Mon Nov 19 16:29:11 2001

Page 1

Quantitation Report

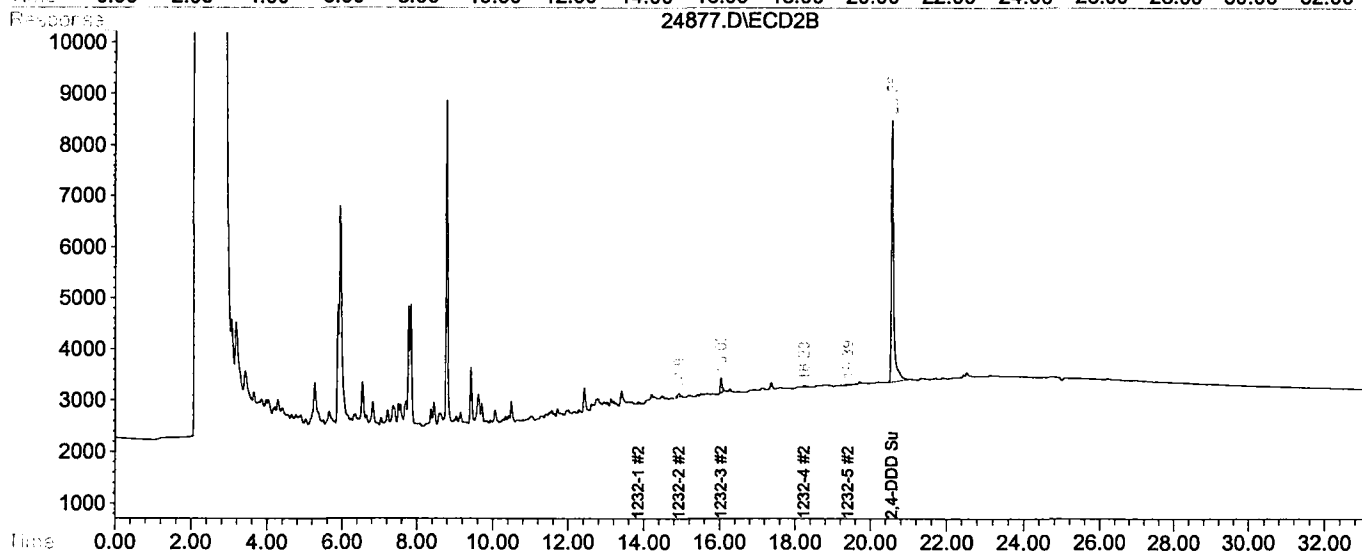
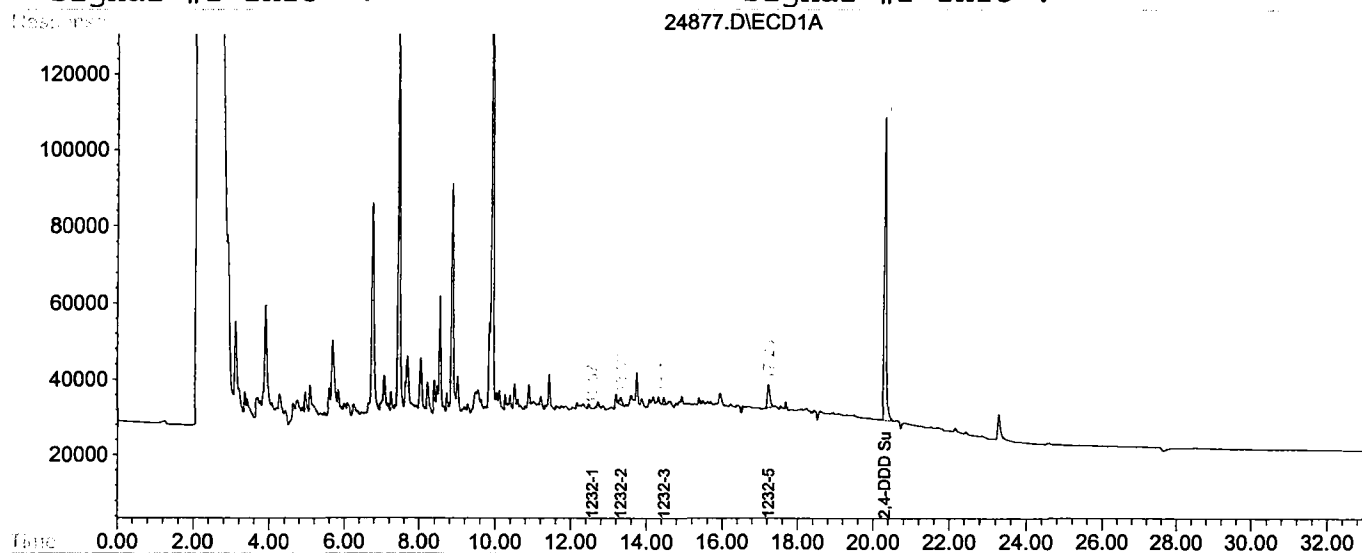
Data File : C:\HPCHEM\1\DATA\111601\24877.D\ECD1A.CH Vial: 41
 Acq On : 18 Nov 2010 3:57 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24877.D\ECD2B.CH Vial: 41
 Acq On : 18 Nov 101 3:57 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 16:29 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 AD24876 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-28-2001 Time: 09:46:24

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

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:32:47

Sample: AD24877
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/17/01 16:08 Ended: 11/16/01 16:08 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\24877.D\ECD1A.CH Vial: 41
 Acq On : 18 Nov 2010 3:57 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24877.D\ECD2B.CH Vial: 41
 Acq On : 18 Nov 101 3:57 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:40 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	2948215	189582	0.155	0.211m#
	Spiked Amount	0.200		Recovery	=	77.50%	105.50%

Target Compounds

1)	Propachlor	13.20	12.61	105981	3605	0.045m	0.027m#
2)	g-BHC	15.27	14.97	11335	293	0.000	0.000 #
3)	Heptachlor	15.84	15.81f	4949	812	0.000	0.000 #
4)	Aldrin	16.63	16.81	1446	269	0.000	0.000 #
6)	4,4-DDE	19.47	19.71	15782	1366	0.000	0.001 #
7)	Dieldrin	19.90f	20.21f	6131	701	0.000	0.000 #

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

24877.D 111901P.M Mon Nov 19 13:40:22 2001

Page 1

Quantitation Report

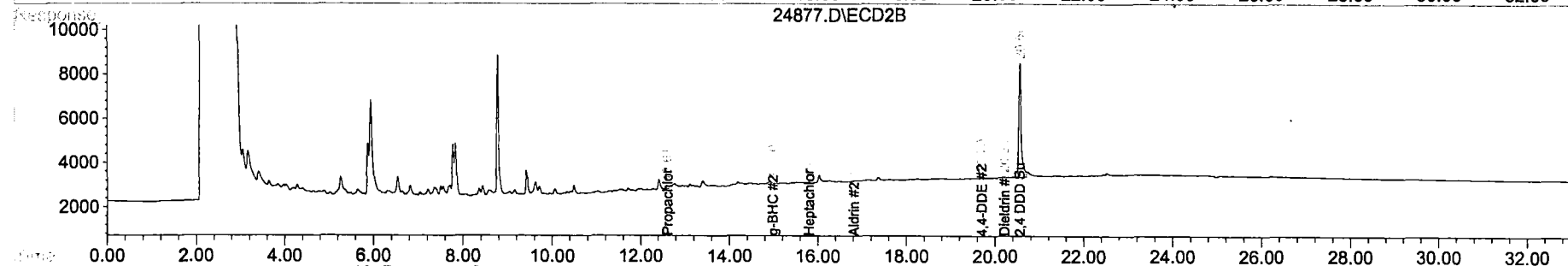
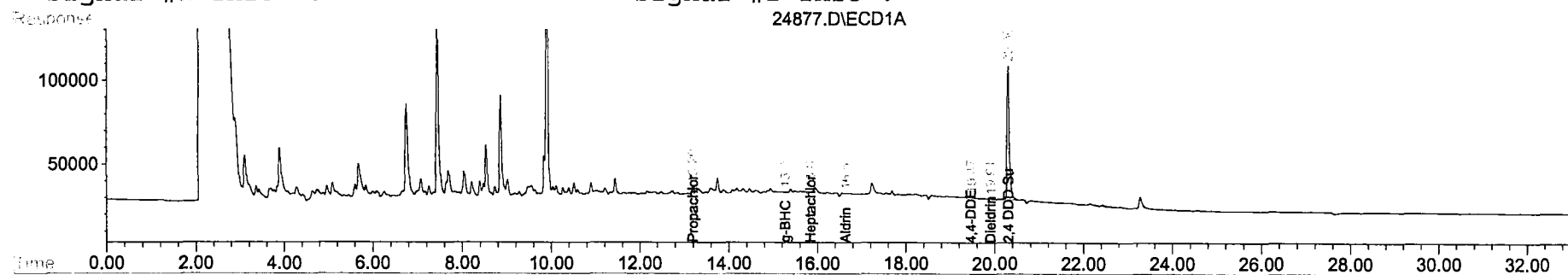
Data File : C:\HPCHEM\1\DATA\111601\24877.D\ECD1A.CH Vial: 41
 Acq On : 18 Nov 2010 3:57 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24877.D\ECD2B.CH Vial: 41
 Acq On : 18 Nov 10 3:57 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:40 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\24877.D\ECD1A.CH Vial: 41
Acq On : 18 Nov 2010 3:57 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24877.D\ECD2B.CH Vial: 41
Acq On : 18 Nov 101 3:57 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:08 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	2945783	189721	0.177	0.230m#
	Spiked Amount	0.200		Recovery	=	88.50%	115.00%

Target Compounds

1)	Chlordane 1	18.77	0.00	6775	0	0.008	N.D. #
2)	Chlordane 2	19.27	0.00	370	0	0.000	N.D. #
3)	Chlordane 3	19.32	0.00	2250	0	0.001	N.D. #

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

24877.D 111701C.M Mon Nov 19 14:08:38 2001

Page 1

Quantitation Report

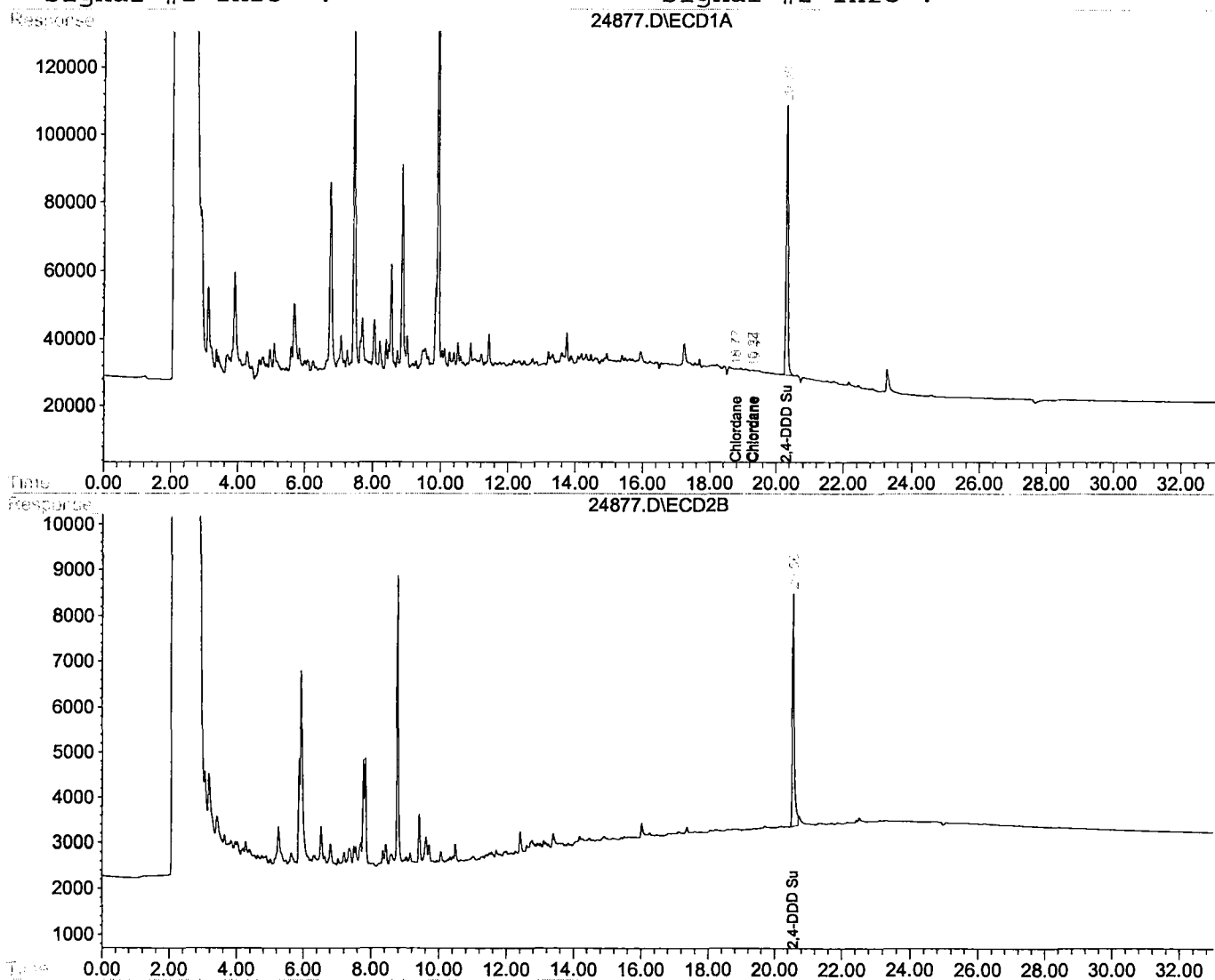
Data File : C:\HPCHEM\1\DATA\111601\24877.D\ECD1A.CH Vial: 41
Acq On : 18 Nov 2010 3:57 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24877.D\ECD2B.CH Vial: 41
Acq On : 18 Nov 101 3:57 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:08 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\24877.D\ECD1A.CH Vial: 41
 Acq On : 18 Nov 2010 3:57 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24877.D\ECD2B.CH Vial: 41
 Acq On : 18 Nov 101 3:57 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:34 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	2948191	188212	0.187m	0.280m#
Spiked Amount	0.200		Recovery	=	93.50%	140.00%

Target Compounds

Quantitation Report

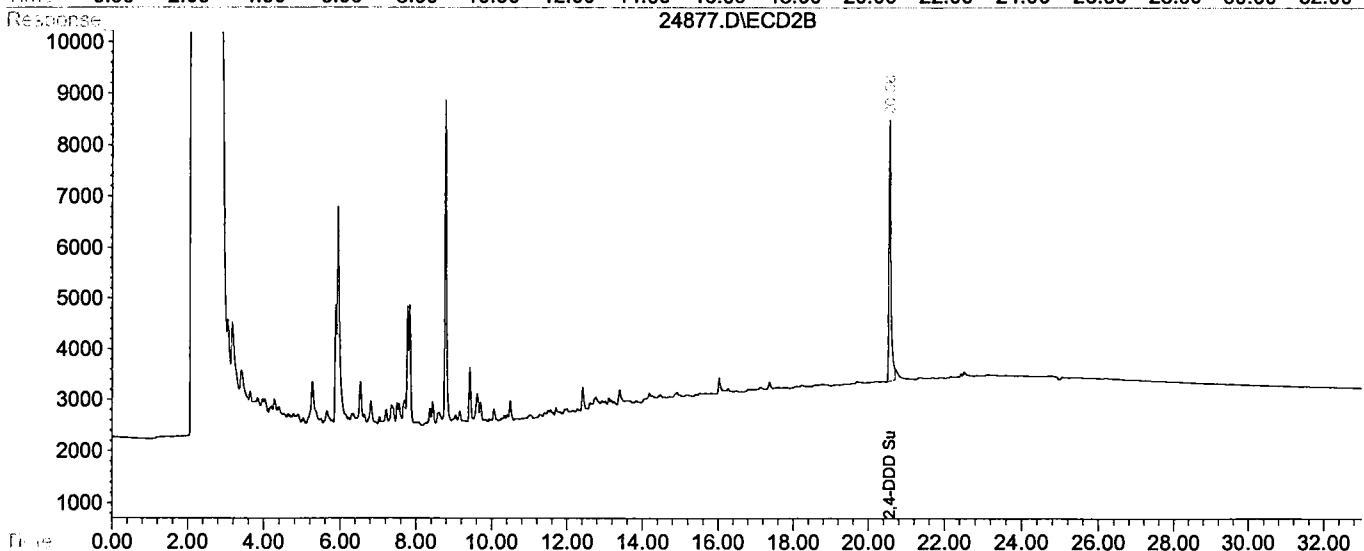
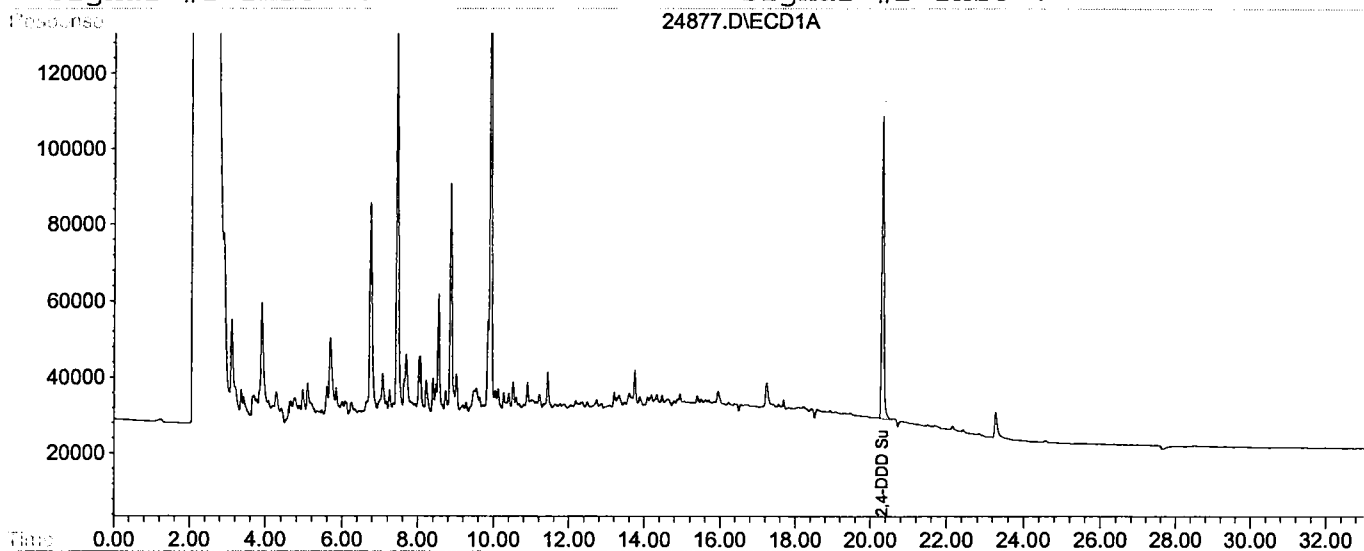
Data File : C:\HPCHEM\1\DATA\111601\24877.D\ECD1A.CH Vial: 41
 Acq On : 18 Nov 2010 3:57 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24877.D\ECD2B.CH Vial: 41
 Acq On : 18 Nov 101 3:57 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:34 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\24878.D\ECD1A.CH Vial: 42
Acq On : 18 Nov 2010 4:35 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24878.D\ECD2B.CH Vial: 42
Acq On : 18 Nov 101 4:35 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 16:29 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	20.52	2724366	182563	0.173	0.272 #
Spiked Amount	0.200		Recovery	=	86.50%	136.00%
Target Compounds						
1) 1232-1	12.60	13.82	4033	1041	0.009	0.024 #
2) 1232-2	13.30	14.97	123250	554	0.096	0.010 #
3) 1232-3	14.43	16.00	42963	5535	0.043	0.085 #
4) 1232-4	15.65	18.54	13607	161	0.008	0.010 #
5) 1232-5	17.20	19.37	271811	969	0.249	0.053 #

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

24878.D 1232508.M Mon Nov 19 16:29:32 2001

Page 1

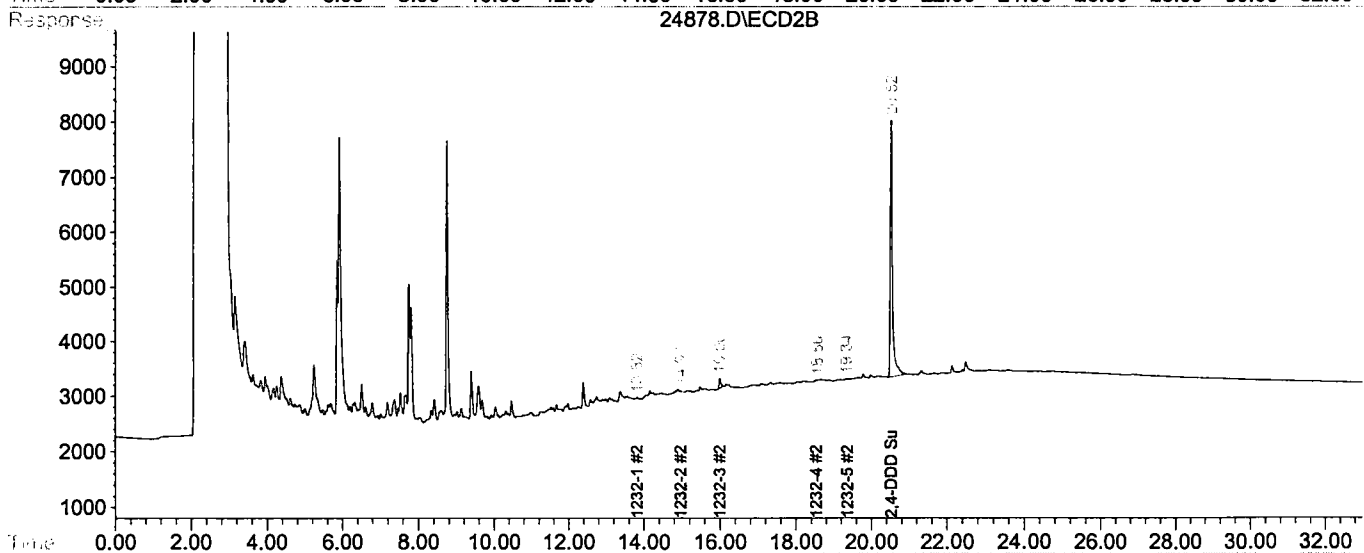
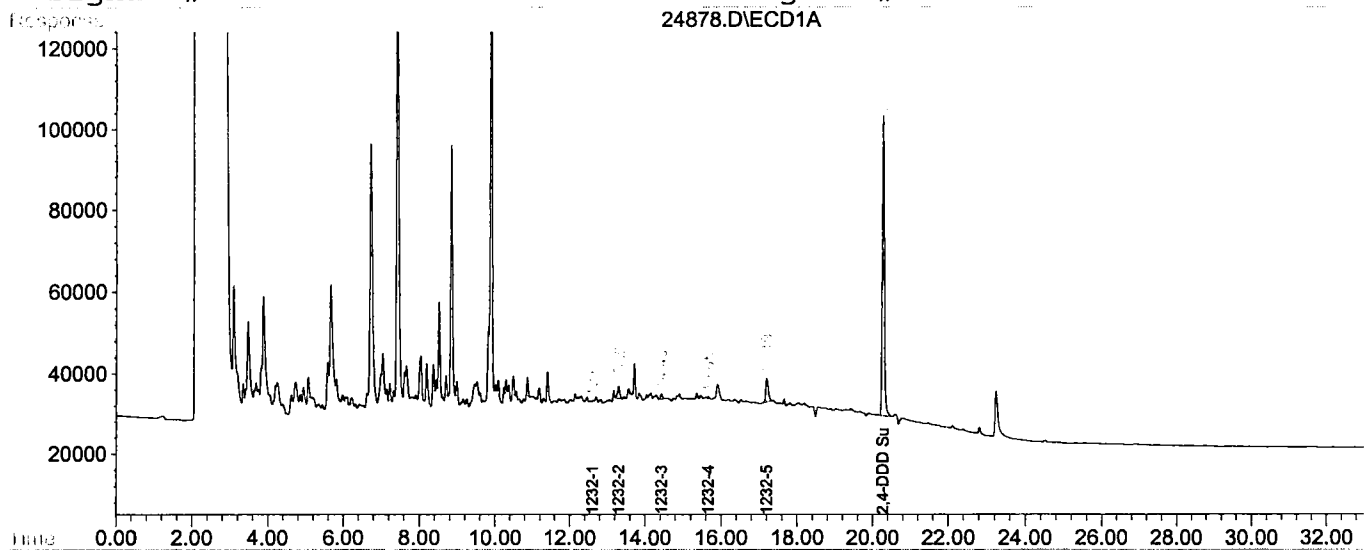
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24878.D\ECD1A.CH Vial: 42
 Acq On : 18 Nov 2010 4:35 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24878.D\ECD2B.CH Vial: 42
 Acq On : 18 Nov 101 4:35 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 16:29 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 AD24877 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-28-2001 Time: 09:47:16

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

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:33:13

Sample: AD24878
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/17/01 16:08 Ended: 11/16/01 16:08 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\24878.D\ECD1A.CH Vial: 42
Acq On : 18 Nov 2010 4:35 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24878.D\ECD2B.CH Vial: 42
Acq On : 18 Nov 101 4:35 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:08 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	2723078	170364	0.164	0.206m#
Spiked Amount	0.200		Recovery	=	82.00%	103.00%
Target Compounds						
1) Chlordane 1	18.88	15.48	9935	1732	0.012	0.022 #
2) Chlordane 2	19.25	0.00	199	0	0.000	N.D. #
3) Chlordane 3	19.42	0.00	19285	0	0.005	N.D. #

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

24878.D 111701C.M Mon Nov 19 14:09:04 2001

Page 1

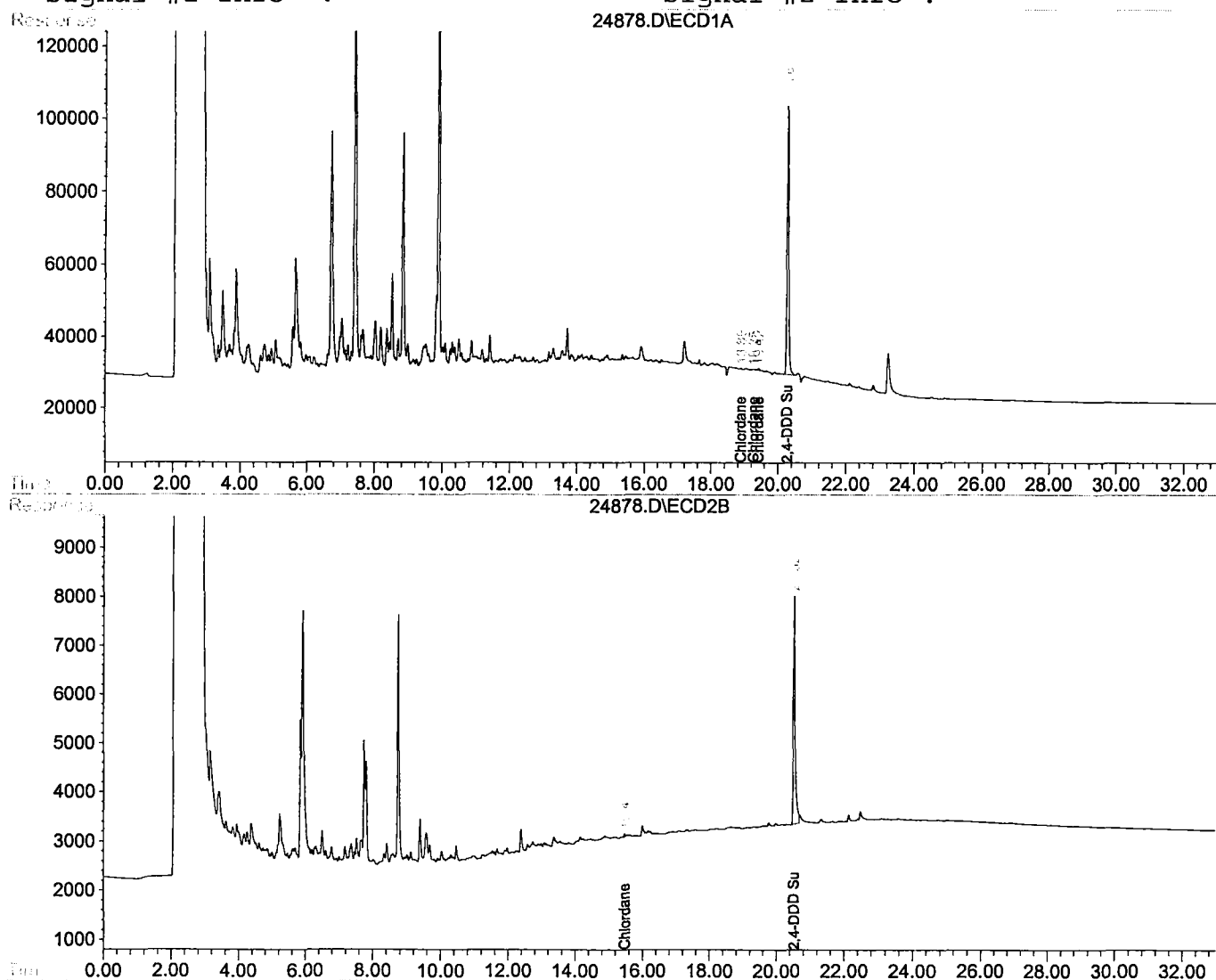
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24878.D\ECD1A.CH Vial: 42
Acq On : 18 Nov 2010 4:35 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24878.D\ECD2B.CH Vial: 42
Acq On : 18 Nov 101 4:35 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:08 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\24878.D\ECD1A.CH Vial: 42
Acq On : 18 Nov 2010 4:35 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24878.D\ECD2B.CH Vial: 42
Acq On : 18 Nov 10 4:35 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Nov 19 13:41 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	20.52	2724366	170543	0.144	0.189m#
	Spiked Amount	0.200		Recovery	=	72.00%	94.50%

Target Compounds

1)	Propachlor	13.16	12.58	70950	3131	0.030m	0.024m
2)	g-BHC	15.24	14.97	7520	554	0.000	0.000 #
4)	Aldrin	16.59	16.91	1125	676	0.000	0.000 #
6)	4,4-DDE	19.65	19.78	38798	2605	0.001	0.002 #
7)	Dieldrin	20.02	20.18f	1061	1074	0.000	0.000 #

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

24878.D 111901P.M Mon Nov 19 13:41:17 2001

Page 1

Quantitation Report

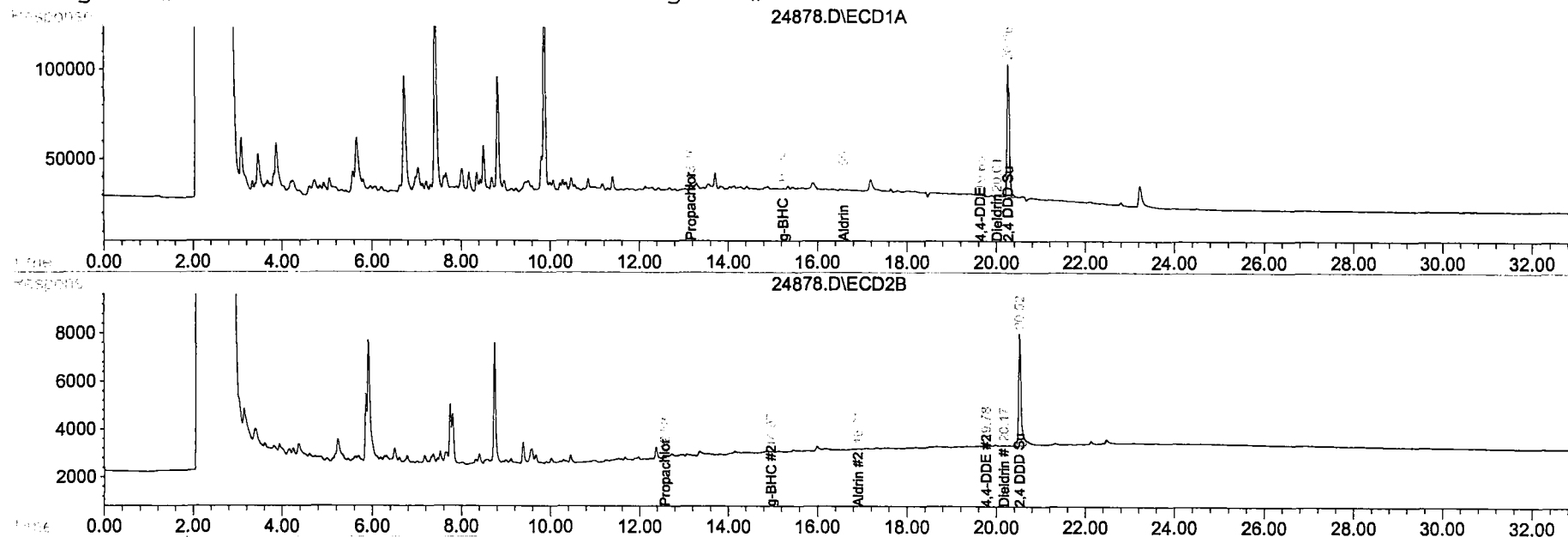
Data File : C:\HPCHEM\1\DATA\111601\24878.D\ECD1A.CH Vial: 42
 Acq On : 18 Nov 2010 4:35 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24878.D\ECD2B.CH Vial: 42
 Acq On : 18 Nov 101 4:35 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:41 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\24878.D\ECD1A.CH Vial: 42
Acq On : 18 Nov 2010 4:35 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24878.D\ECD2B.CH Vial: 42
Acq On : 18 Nov 10 4:35 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:35 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	20.26	20.52	2728329	176614	0.173m	0.263 #
Spiked Amount	0.200		Recovery	=	86.50%	131.50%

Target Compounds

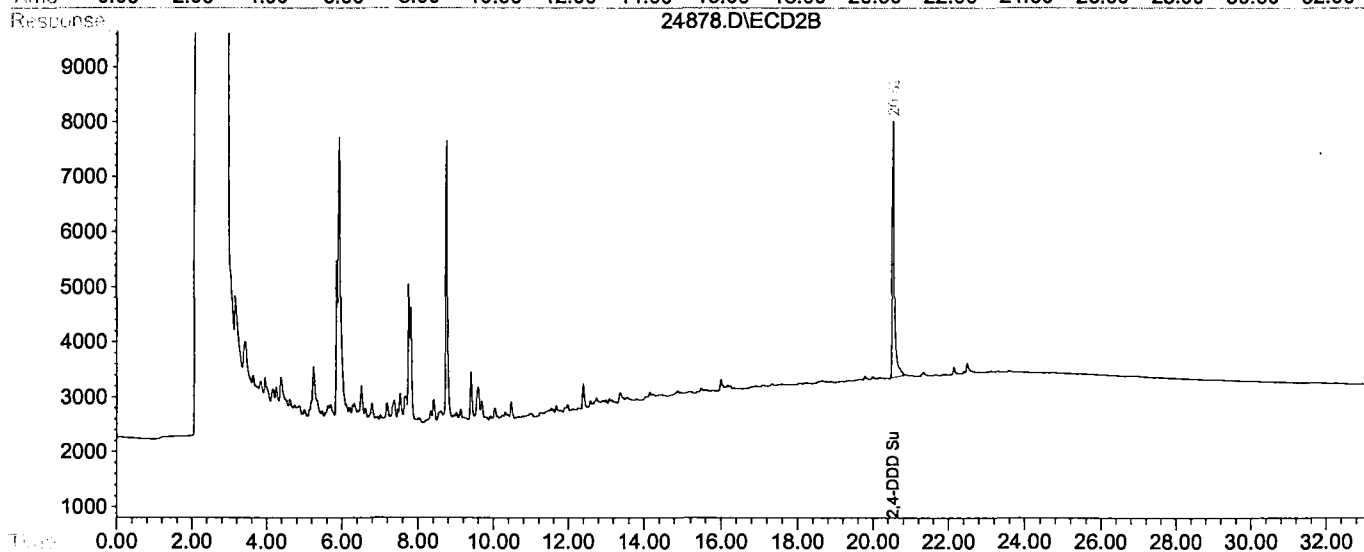
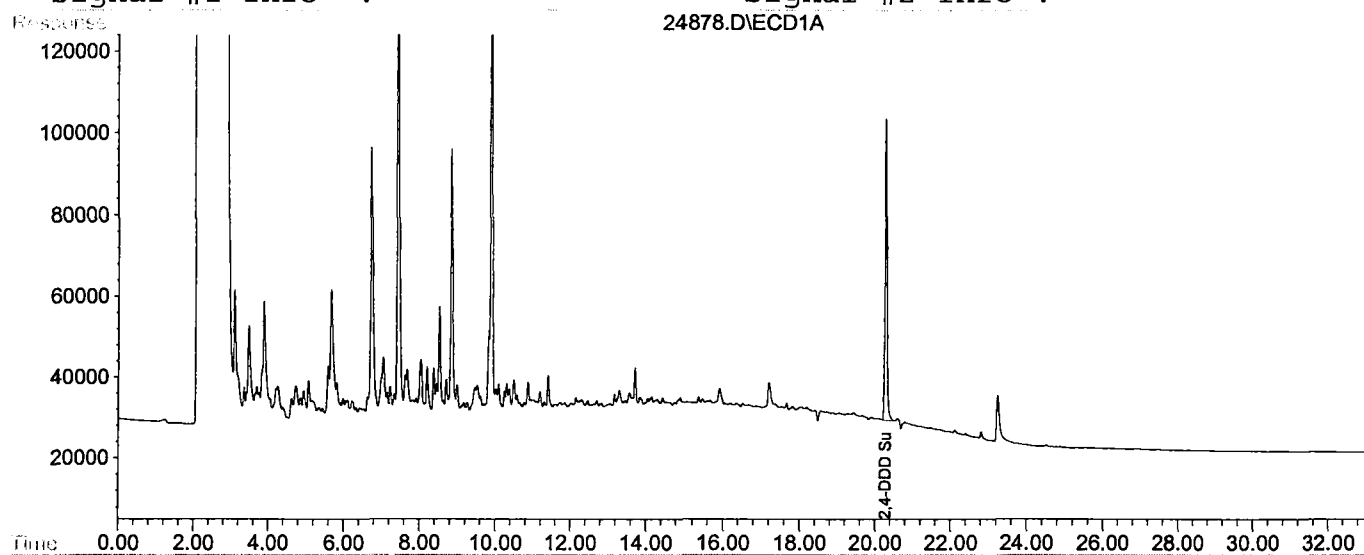
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24878.D\ECD1A.CH Vial: 42
Acq On : 18 Nov 2010 4:35 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24878.D\ECD2B.CH Vial: 42
Acq On : 18 Nov 10 4:35 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 14:35 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\24879.D\ECD1A.CH Vial: 43
Acq On : 18 Nov 2010 5:12 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24879.D\ECD2B.CH Vial: 43
Acq On : 18 Nov 101 5:12 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e
Quant Time: Nov 19 16:29 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	2684972	177529	0.170	0.264 #
Spiked Amount	0.200		Recovery	=	85.00%	132.00%
Target Compounds						
1) 1232-1	12.64	13.68	526	430	0.001	0.010 #
2) 1232-2	13.25	0.00	2835	0	0.002	N.D. #
3) 1232-3	14.43	16.15	405	1890	0.000	0.029 #
5) 1232-5	17.23	0.00	285440	0	0.261	N.D. #

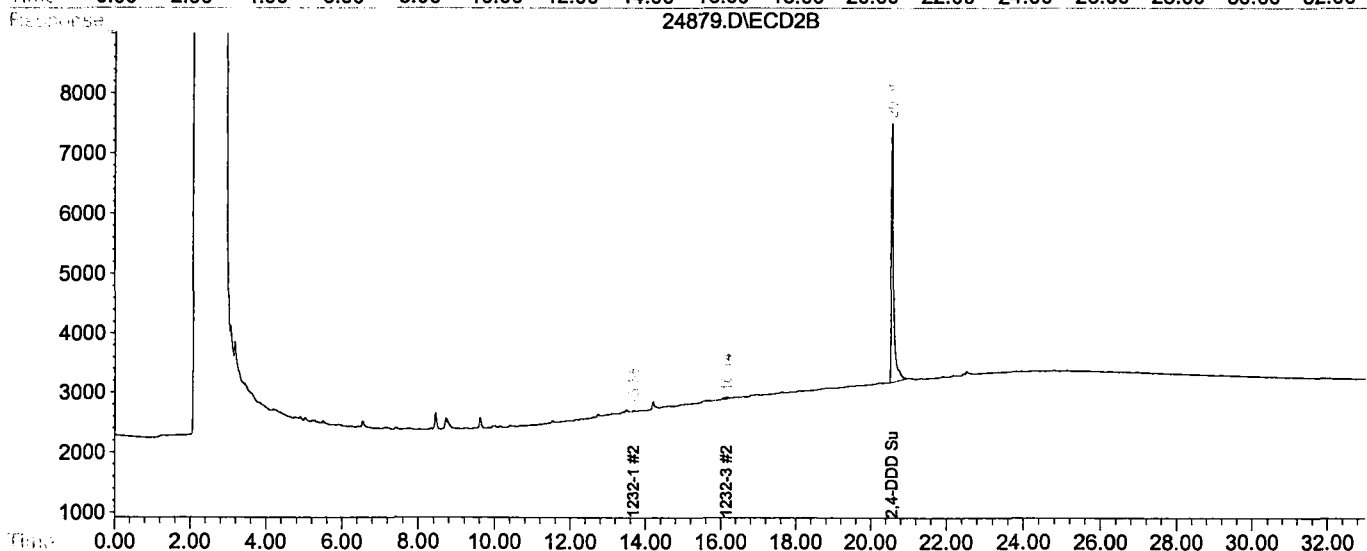
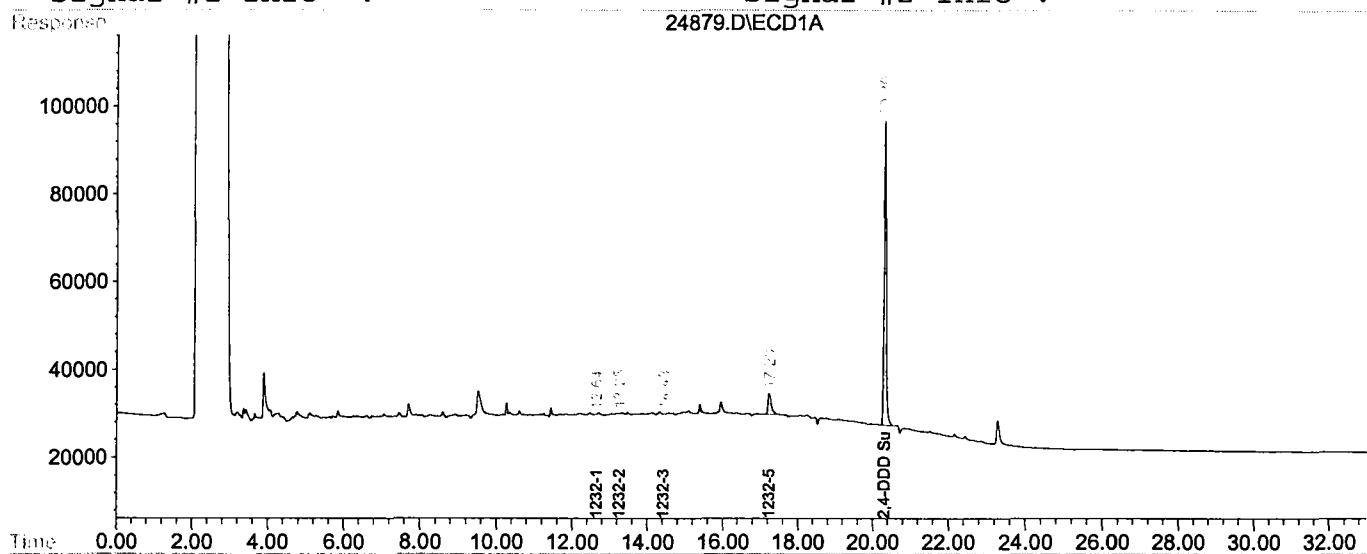
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24879.D\ECD1A.CH Vial: 43
 Acq On : 18 Nov 2010 5:12 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24879.D\ECD2B.CH Vial: 43
 Acq On : 18 Nov 101 5:12 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e
 Quant Time: Nov 19 16:29 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 AD24878 - Analysis \$508

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 11-28-2001 Time: 09:48:15

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

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 11/20/2001 Time: 16:33:42

Sample: AD24879
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 10/17/01 16:08 Ended: 11/16/01 16:08 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\24879.D\ECD1A.CH Vial: 43
Acq On : 18 Nov 2010 5:12 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24879.D\ECD2B.CH Vial: 43
Acq On : 18 Nov 101 5:12 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	2690851	166915	0.162	0.202m#
Spiked Amount	0.200		Recovery	=	81.00%	101.00%
Target Compounds						
1) Chlordane 1	18.75	0.00	11354	0	0.013	N.D. #
2) Chlordane 2	19.06	0.00	4531	0	0.001	N.D. #

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

24879.D 111701C.M Mon Nov 19 14:09:32 2001

Page 1

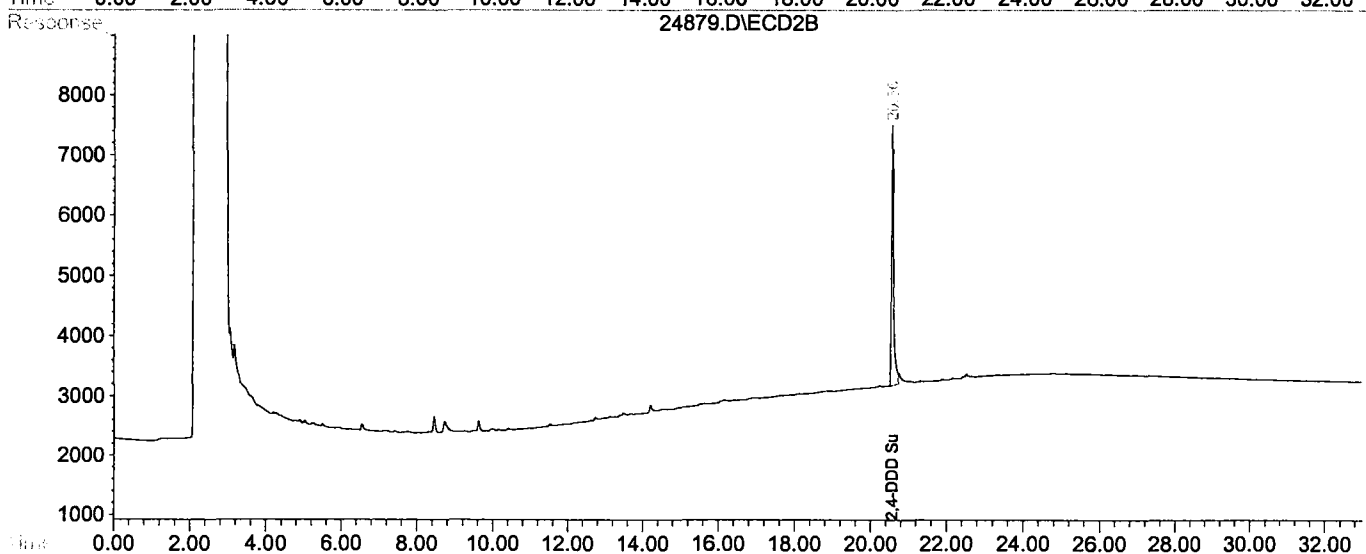
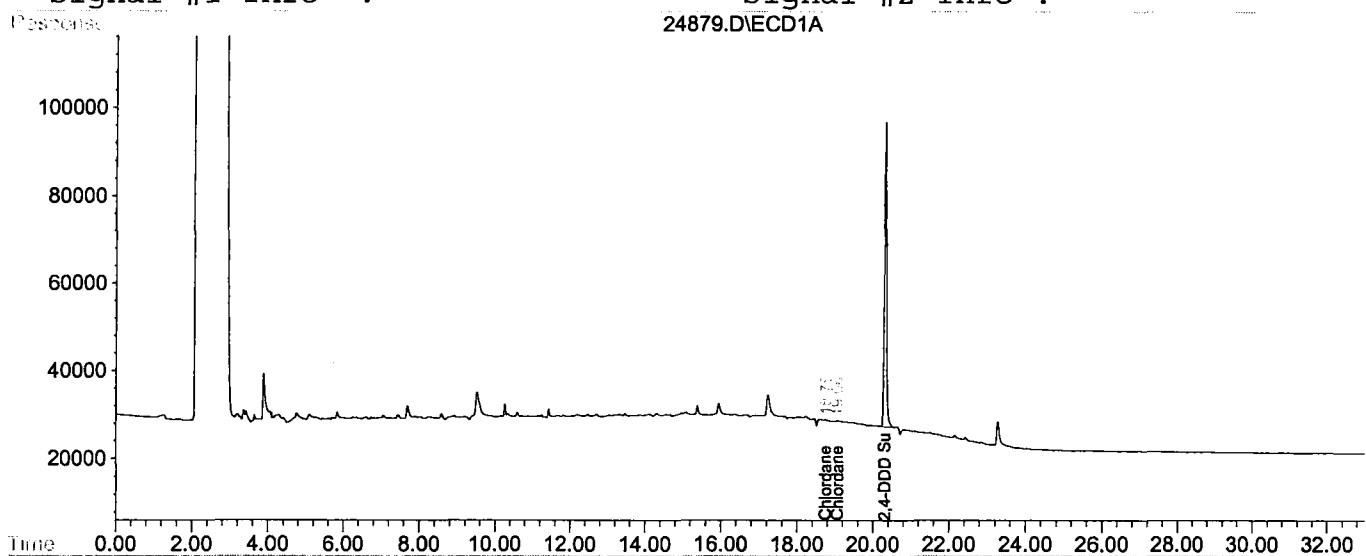
Quantitation Report

Data File : C:\HPCHEM\1\DATA\111601\24879.D\ECD1A.CH Vial: 43
Acq On : 18 Nov 2010 5:12 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24879.D\ECD2B.CH Vial: 43
Acq On : 18 Nov 10 5:12 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\24879.D\ECD1A.CH Vial: 43
Acq On : 18 Nov 2010 5:12 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24879.D\ECD2B.CH Vial: 43
Acq On : 18 Nov 101 5:12 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Nov 19 13:41 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	2686084	177529	0.142	0.197 #
Spiked Amount	0.200		Recovery	=	71.00%	98.50%
Target Compounds						
7) Dieldrin	19.92	20.23f	2071	935	0.000	0.000 #

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

24879.D 111901P.M Mon Nov 19 13:42:04 2001

Page 1

Quantitation Report

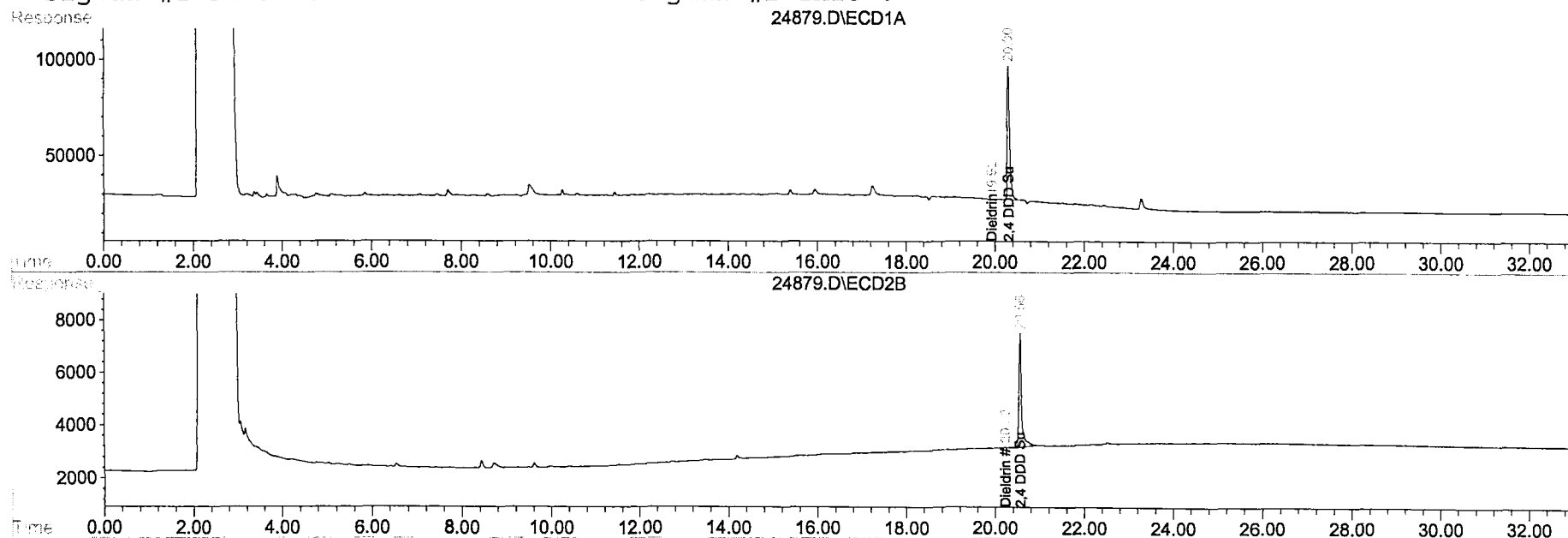
Data File : C:\HPCHEM\1\DATA\111601\24879.D\ECD1A.CH Vial: 43
 Acq On : 18 Nov 2010 5:12 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\111601\24879.D\ECD2B.CH Vial: 43
 Acq On : 18 Nov 101 5:12 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : EVENTS.E

Quant Time: Nov 19 13:41 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\24879.D\ECD1A.CH Vial: 43
 Acq On : 18 Nov 2010 5:12 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24879.D\ECD2B.CH Vial: 43
 Acq On : 18 Nov 101 5:12 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile : events2.e

Quant Time: Nov 19 14:35 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	2697196	166384	0.171m	0.248m#
Spiked Amount	0.200		Recovery	=	85.50%	124.00%

Target Compounds

Quantitation Report

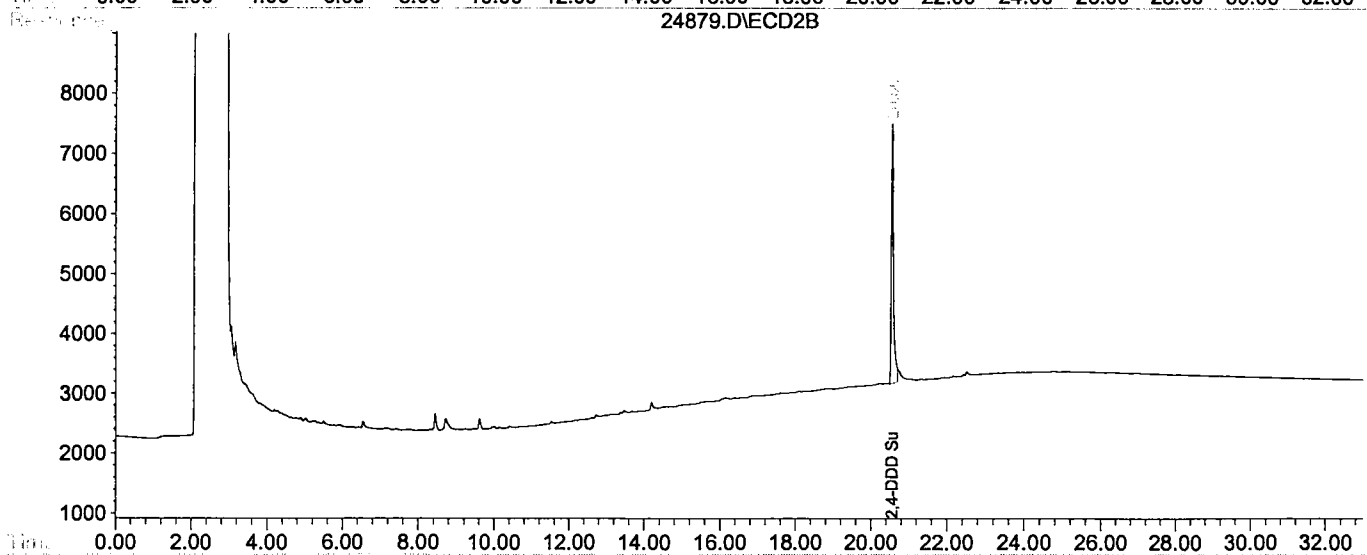
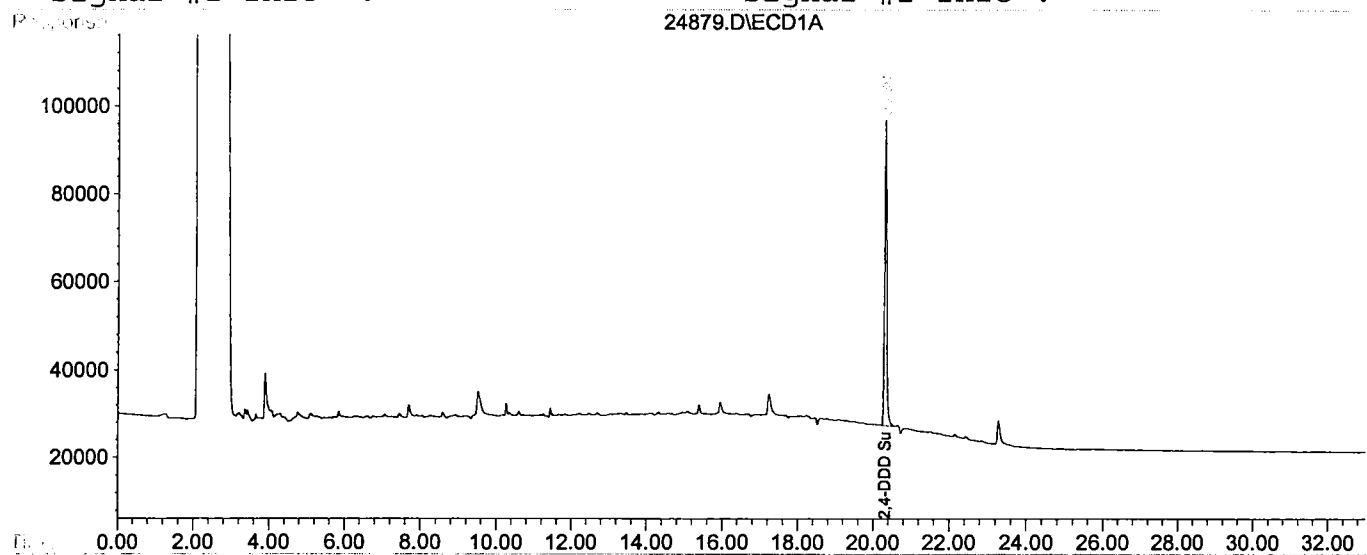
Data File : C:\HPCHEM\1\DATA\111601\24879.D\ECD1A.CH Vial: 43
Acq On : 18 Nov 2010 5:12 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\111601\24879.D\ECD2B.CH Vial: 43
Acq On : 18 Nov 10 5:12 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile : events2.e

Quant Time: Nov 19 14:35 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\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 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	2457039	164856	0.156	0.245 #
Spiked Amount	0.200		Recovery	=	78.00%	122.50%
Target Compounds						
1) 1232-1	12.65	13.76	894	394	0.002	0.009 #
2) 1232-2	13.25	14.93	23962	237	0.019	0.004 #
3) 1232-3	14.32	16.14	10154	418	0.010	0.006 #
4) 1232-4	15.72	0.00	6470	0	0.004	N.D. #
5) 1232-5	17.23	0.00	219199	0	0.201	N.D. #

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

24980.D 1232508.M Mon Nov 19 16:30:13 2001

Page 1

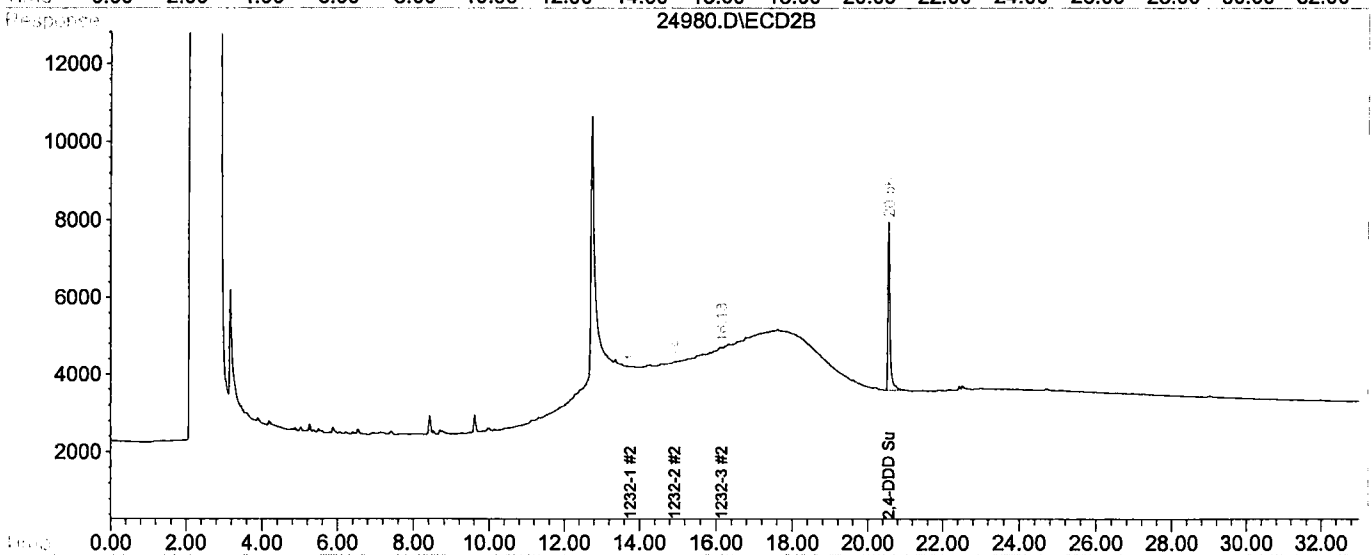
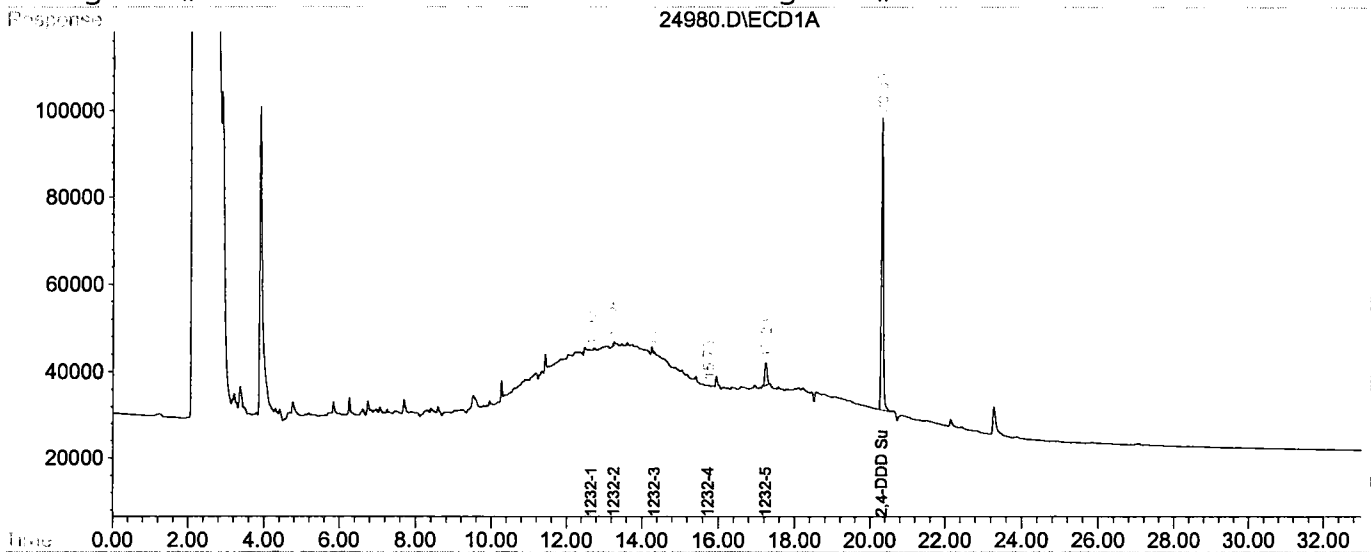
Quantitation Report

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 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 AD24879 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-28-2001 Time: 09:49:14

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