

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 12/12/2001 Time: 16:41:26

Sample: AD26678
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 11/7/01 16:38 Ended: 11/30/01 16:38 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)

Signal #1 : C:\HPCHEM\1\DATA\508\113001\26678.D\ECD1A.CH Vial: 61
 Signal #2 : C:\HPCHEM\1\DATA\508\113001\26678.D\ECD2B.CH
 Acq On : 2 Dec 2001 4:34 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS.E
 Quant Time: Dec 10 13:08 2001 Quant Results File: 121001P2.RES

Quant Method : C:\HPCHEM\1\METHODS\508\121001P2.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Mon Dec 10 13:04:49 2001
 Response via : Initial Calibration
 DataAcq Meth : PESTPCB.M

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

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

10) S 2,4 DDD Surrogat	21.62	21.90	2799948	200746	0.150m	0.163
Spiked Amount	0.200		Recovery	=	75.00%	81.50%

Target Compounds

1) Propachlor	14.30	0.00	75714	0	0.025	N.D. d#
2) g-BHC	16.47	16.08f	11722	1757	0.000	0.000 #
3) Heptachlor	0.00	17.19	0	6675	N.D. d	0.003
4) Aldrin	17.89	0.00	625	0	0.000	N.D. d#
5) Heptachlor Epoxi	19.74	19.90f	45657	252	0.001	0.000 #
6) 4,4-DDE	20.87	21.18	19214	546	0.000	0.000 #
7) Dieldrin	21.38	21.50	27025	489	0.001	0.000 #
8) Endrin	22.04f	22.37f	53994	719	0.002	0.000 #

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

26678.D 121001P2.M Mon Dec 10 13:08:51 2001

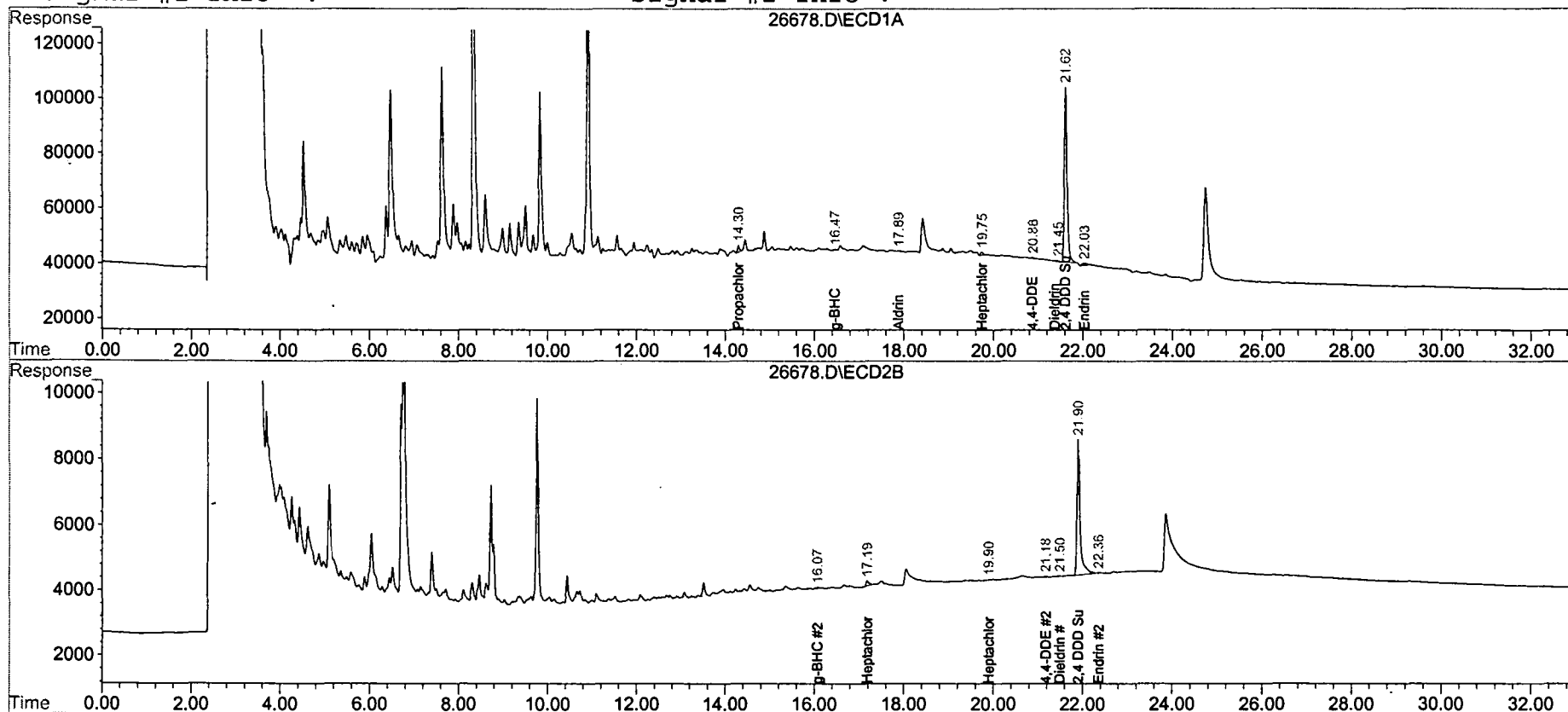
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Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\113001\26678.D\ECD1A.CH Vial: 61
 Signal #2 : C:\HPCHEM\1\DATA\508\113001\26678.D\ECD2B.CH
 Acq On : 2 Dec 2001 4:34 am Operator: Nefliu
 Sample : sample Inst : 105
 Misc : Multiplr: 1.00
 IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS.E
 Quant Time: Dec 10 13:08 2001 Quant Results File: 121001P2.RES

Quant Method : C:\HPCHEM\1\METHODS\508\121001P2.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Mon Dec 10 13:04:49 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)

Signal #1 : C:\HPCHEM\1\DATA\508\113001\26678.D\ECD1A.CH Vial: 61
Signal #2 : C:\HPCHEM\1\DATA\508\113001\26678.D\ECD2B.CH
Acq On : 2 Dec 2001 4:34 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Dec 10 15:02 2001 Quant Results File: 121001C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\121001C.M (Chemstation Integrator)
Title : 508 CHLORDANE
Last Update : Wed Nov 28 13:19:08 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	21.62	21.90	2930167	200893	0.121	0.135
Spiked Amount	0.200		Recovery	=	60.50%	67.50%
Target Compounds						
1) Chlordane 1	19.98	16.68	6628	2645	0.007	0.021 #
2) Chlordane 2	20.48	0.00	404	0	0.000	N.D. d#
3) Chlordane 3	20.71	0.00	92	0	0.000	N.D. d#

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

26678.D 121001C.M Mon Dec 10 15:02:36 2001

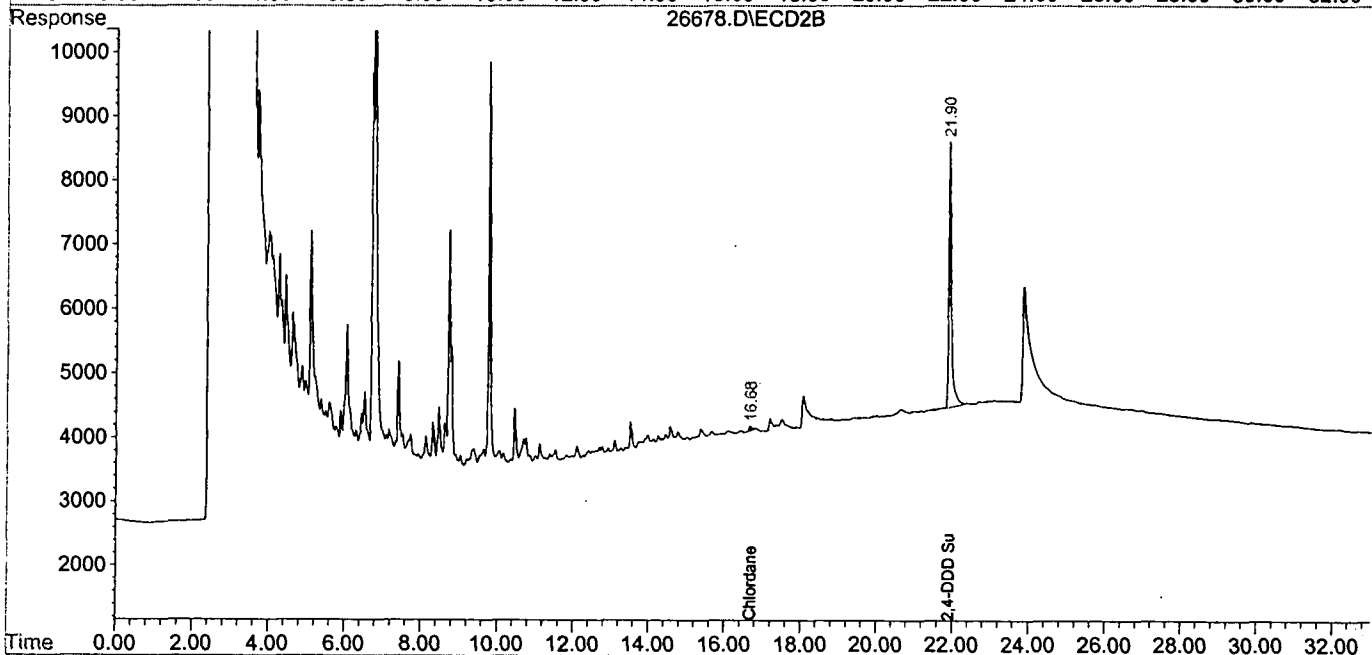
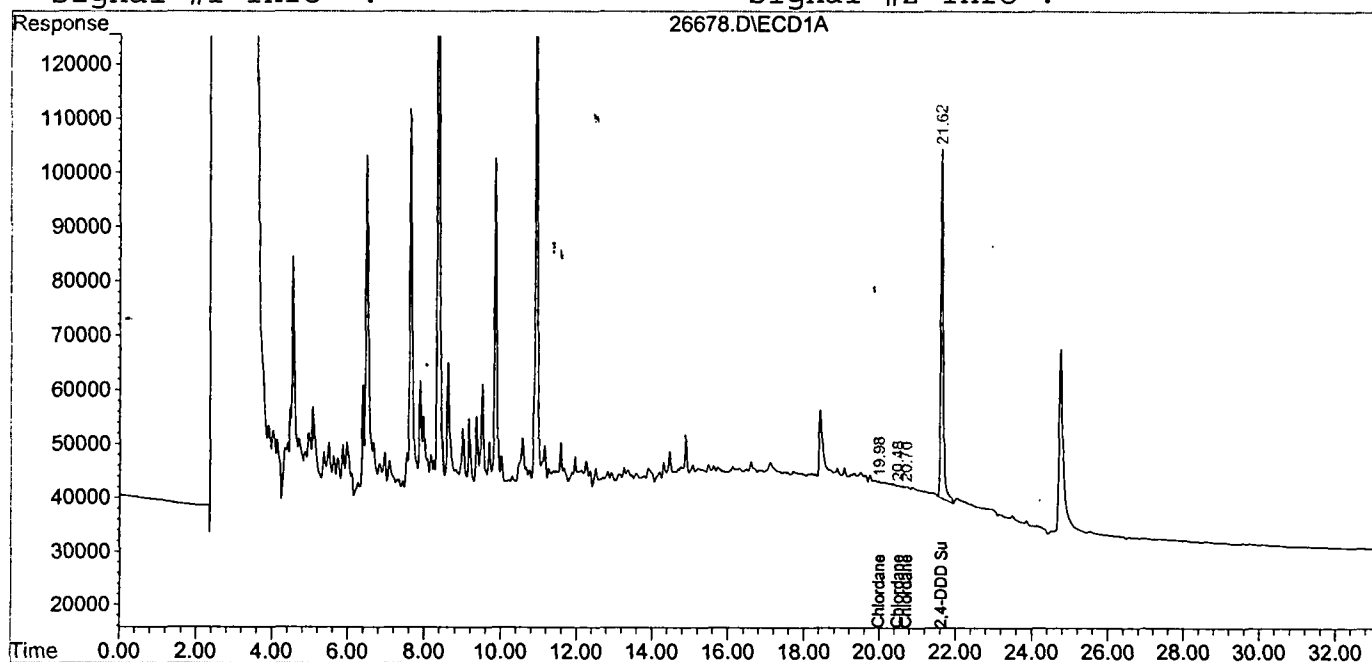
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Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\113001\26678.D\ECD1A.CH Vial: 61
Signal #2 : C:\HPCHEM\1\DATA\508\113001\26678.D\ECD2B.CH
Acq On : 2 Dec 2001 4:34 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Dec 10 15:02 2001 Quant Results File: 121001C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\121001C.M (Chemstation Integrator)
Title : 508 CHLORDANE
Last Update : Wed Nov 28 13:19:08 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)

Signal #1 : C:\HPCHEM\1\DATA\508\113001\26678.D\ECD1A.CH Vial: 61
Signal #2 : C:\HPCHEM\1\DATA\508\113001\26678.D\ECD2B.CH
Acq On : 2 Dec 2001 4:34 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Dec 10 12:13 2001 Quant Results File: 121001T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\121001T.M (Chemstation Integrator)
Title : 508 Toxaphene
Last Update : Fri Dec 07 12:12:37 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	21.62	21.90	2970203	196299	0.110	0.137
Spiked Amount	0.200		Recovery	=	55.00%	68.50%

Target Compounds

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

26678.D 121001T.M Mon Dec 10 12:14:05 2001

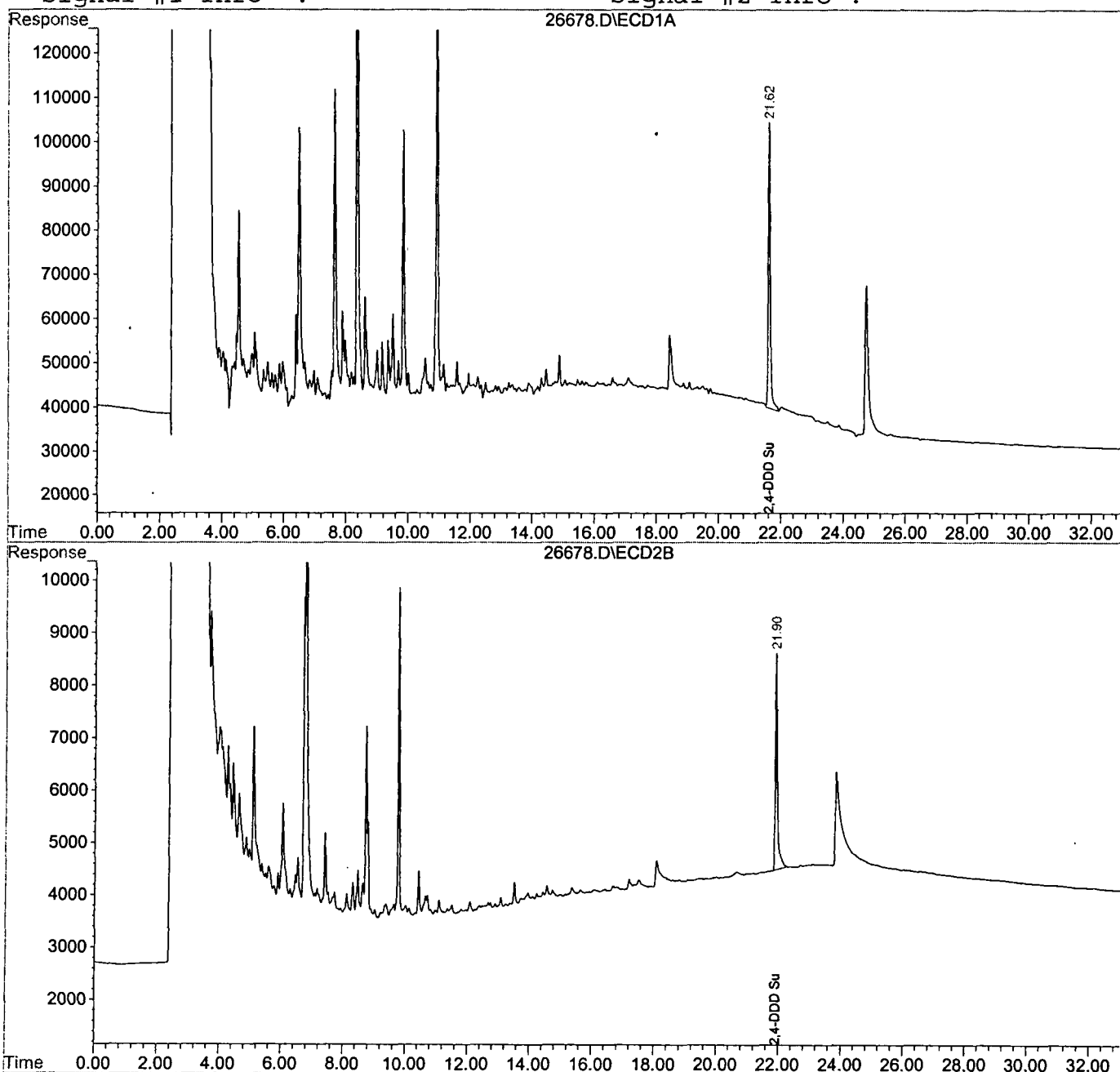
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Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\113001\26678.D\ECD1A.CH Vial: 61
Signal #2 : C:\HPCHEM\1\DATA\508\113001\26678.D\ECD2B.CH
Acq On : 2 Dec 2001 4:34 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Dec 10 12:13 2001 Quant Results File: 121001T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\121001T.M (Chemstation Integrator)
Title : 508 Toxaphene
Last Update : Fri Dec 07 12:12:37 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)

Signal #1 : C:\HPCHEM\1\DATA\508105\113001\26678.D\ECD1A.CH Vial: 61
Signal #2 : C:\HPCHEM\1\DATA\508105\113001\26678.D\ECD2B.CH
Acq On : 2 Dec 2001 4:34 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
Quant Time: Dec 12 14:12 2001 Quant Results File: PCB1242.RES

Quant Method : C:\HPCHEM\1\METHODS\508105\PCB1242.M (Chemstation Integrator
Title : Arochlor 1242
Last Update : Wed Dec 12 14:08:13 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						
6) S 2,4-DDD Surrogat	21.62	21.90	2796113	200746	0.165m	0.163
Spiked Amount 0.200			Recovery	=	82.50%	81.50%
Target Compounds						
1) 1242-1	14.30	14.75	75714	4246	0.108	0.144 #
2) 1242-2	15.47	16.08	36309	1757	0.025	0.018 #
3) 1242-3	16.79	17.19	7042	6675	0.003	0.068 #
5) 1242-5	18.42	20.65	721504	8237	0.418	0.239 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
26678.D PCB1242.M Wed Dec 12 14:12:38 2001

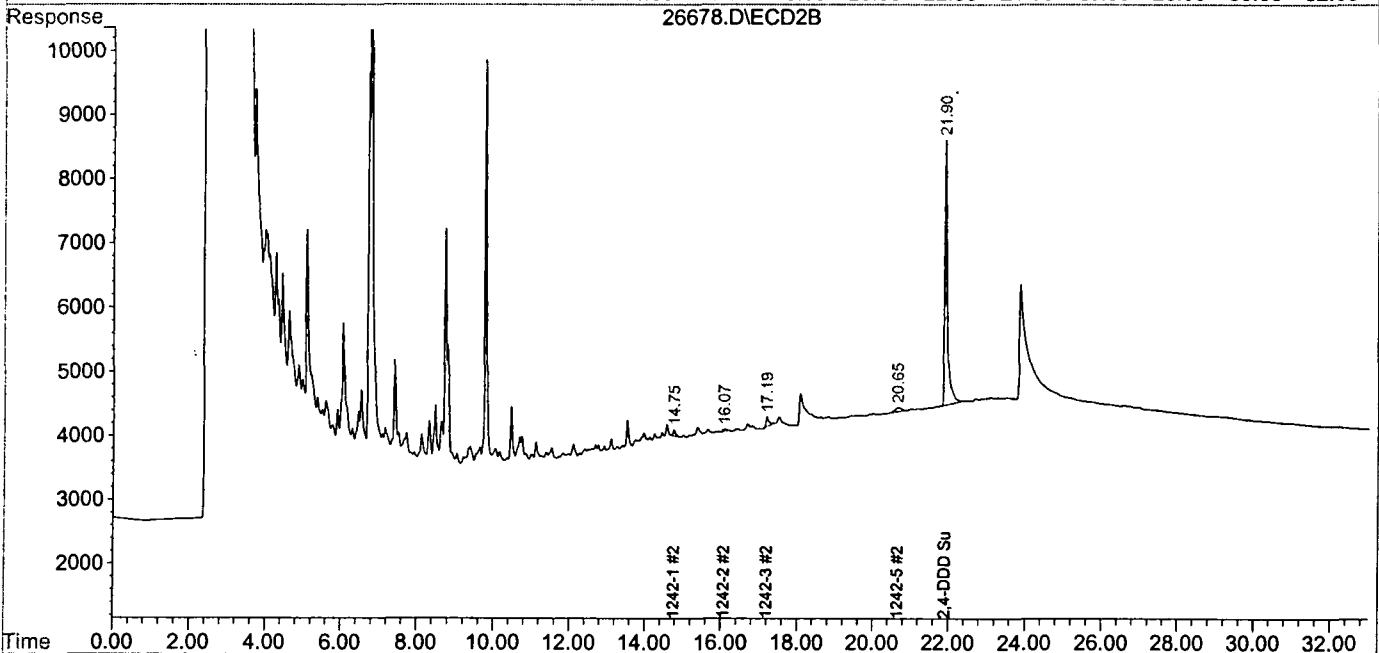
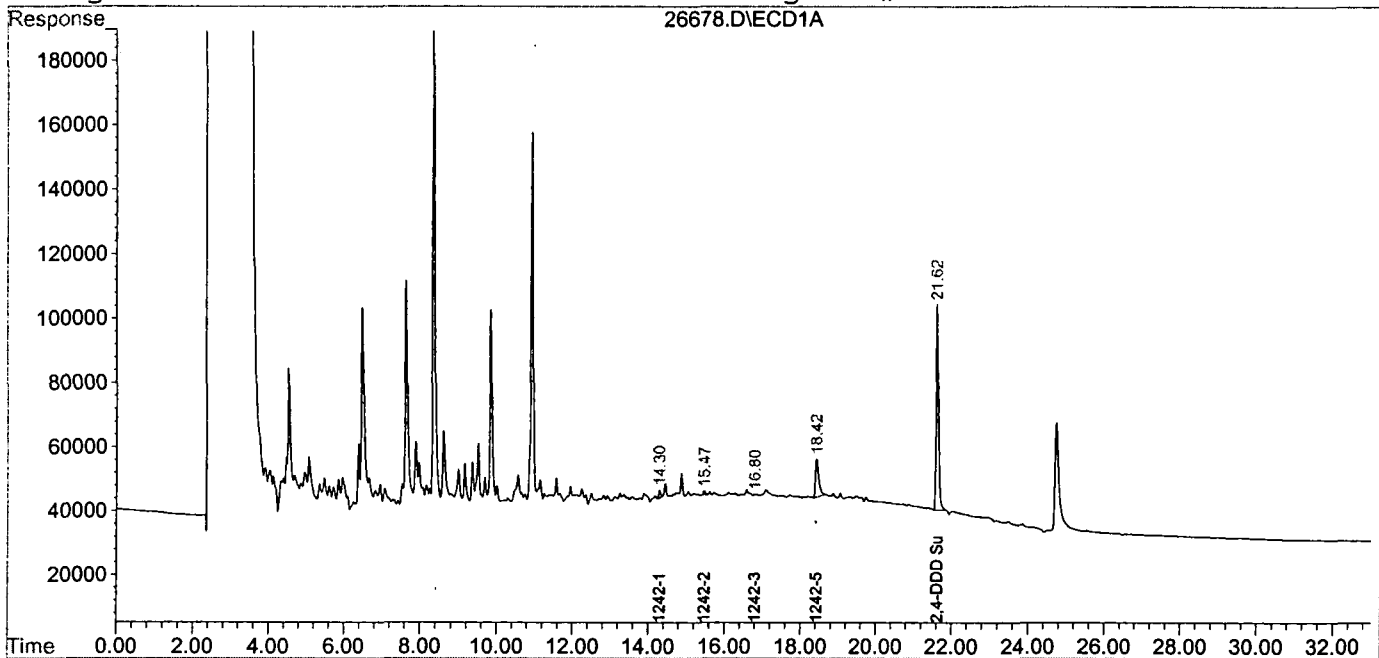
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Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508105\113001\26678.D\ECD1A.CH Vial: 61
Signal #2 : C:\HPCHEM\1\DATA\508105\113001\26678.D\ECD2B.CH
Acq On : 2 Dec 2001 4:34 am Operator: Nefliu
Sample : sample Inst : 105
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
Quant Time: Dec 12 14:12 2001 Quant Results File: PCB1242.RES

Quant Method : C:\HPCHEM\1\METHODS\508105\PCB1242.M (Chemstation Integrator)
Title : Arochlor 1242
Last Update : Wed Dec 12 14:08:13 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 AD26678 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-13-2001 Time: 11:35:10

Recoveries for 9 of the 10 compounds in the LCS Standard were below their acceptance ranges.