

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 12/11/2001 Time: 14:45:02

Sample: AD26316
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 11/3/01 14:41 Ended: 11/30/01 14:41 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)

Signal #1 : C:\HPCHEM\1\DATA\508104\011130D\26316.D\ECD1A.CH Vial: 90
 Signal #2 : C:\HPCHEM\1\DATA\508104\011130D\26316.D\ECD2B.CH
 Acq On : 2 Dec 2001 9:43 am Operator: Nefliu
 Sample : sample Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Dec 11 11:15 2001 Quant Results File: 011204P.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\011204P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Sun Oct 21 15:26:52 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F2.M

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

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

System Monitoring Compounds						
10) S 2,4-DDD SURROGAT	36.60	33.61	831551	1050531	0.174	0.200
Spiked Amount	0.200		Recovery	=	87.00%	100.00%
Target Compounds						
1) PROPACHLOR	16.37	15.28	5231	9775	0.006	0.010 #
2) g-BHC	22.54	20.33	14257	11658	0.002	0.001 #
3) HEPTACHLOR	25.27	21.46	2589	9850	0.000	0.001 #
4) ALDRIN	27.82	23.69	5084	8531	0.000	0.001 #
5) HEPTACHLOR EPOXI	31.87	28.92	3360	3199	0.000	0.000 #
6) 4,4'-DDE	35.43	32.12	672	4259	0.000	0.000 #
7) DIELDRIN	35.60	32.81	7997	1605	0.001	0.000 #
8) ENDRIN	37.82f	0.00	3139	0	0.001	N.D. d#
9) METHOXYCHLOR	48.16f	0.00	563	0	0.000	N.D. d#

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

26316.D 011204P.M Tue Dec 11 11:15:41 2001

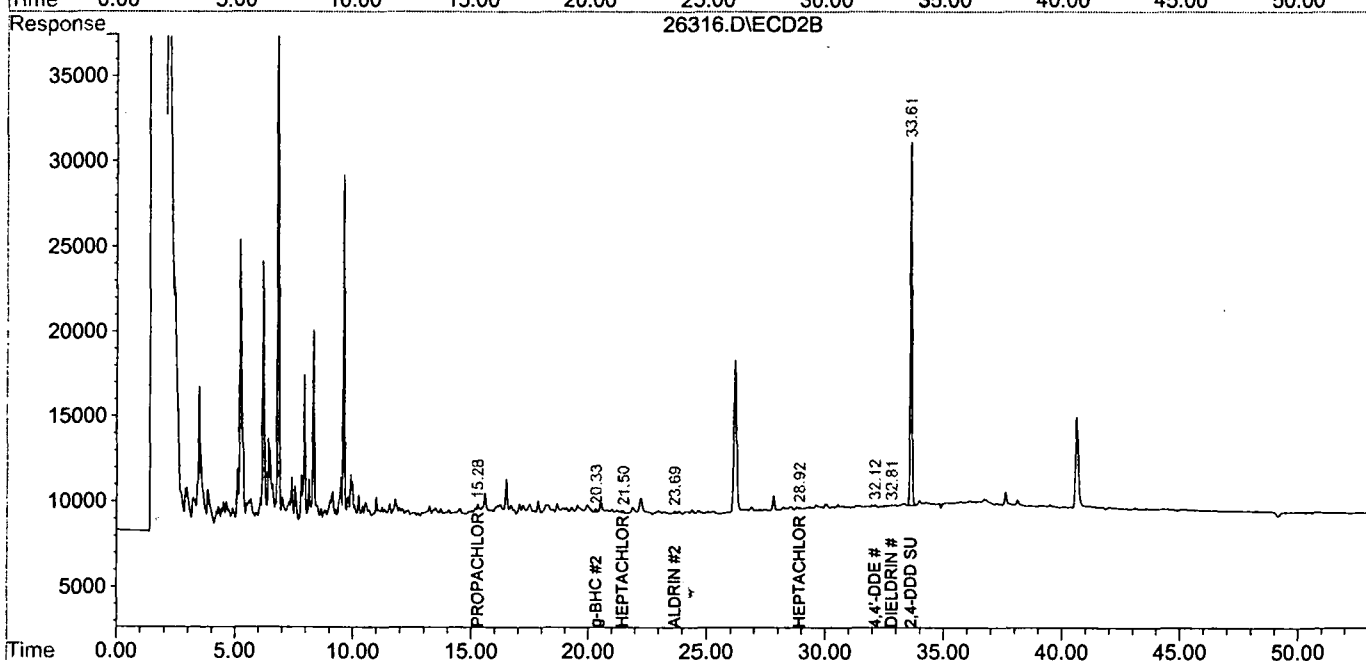
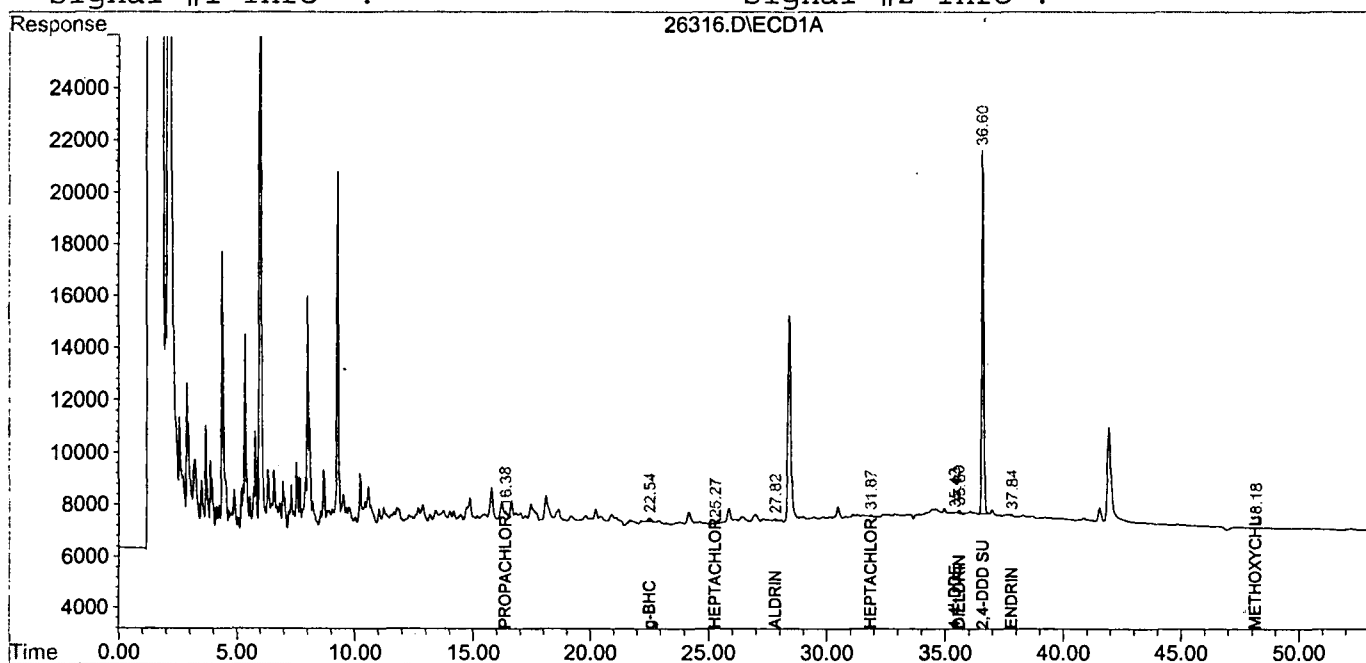
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Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508104\011130D\26316.D\ECD1A.CH Vial: 90
Signal #2 : C:\HPCHEM\1\DATA\508104\011130D\26316.D\ECD2B.CH
Acq On : 2 Dec 2001 9:43 am Operator: Nefliu
Sample : sample Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Dec 11 11:15 2001 Quant Results File: 011204P.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\011204P.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES 9/6/00
Last Update : Sun Oct 21 15:26:52 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F2.M

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



26316.D 011204P.M Tue Dec 11 11:15:42 2001

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Quantitation Report

(QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508104\011130D\26316.D\ECD1A.CH Vial: 90
Signal #2 : C:\HPCHEM\1\DATA\508104\011130D\26316.D\ECD2B.CH
Acq On : 2 Dec 2001 9:43 am Operator: Nefliu
Sample : sample Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Dec 11 11:37 2001 Quant Results File: 011204C.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\011204C.M (Chemstation Integrator)
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
Last Update : Tue Dec 11 09:14:07 2001
Response via : Initial Calibration
DataAcq Meth : 508F2.M

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

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

System Monitoring Compounds						
4) 's 2,4-DDD SURROGAT	36.60	33.61	838452	1050665	0.174m	0.163
Spiked Amount	0.200		Recovery	=	87.00%	81.50%
Target Compounds						
2) CHLORDANE PEAK 2	32.88	0.00	2253	0	0.002	N.D. #
3) CHLORDANE PEAK 3	0.00	35.16	0	20888	N.D. d	0.056

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

26316.D 011204C.M Tue Dec 11 11:37:50 2001

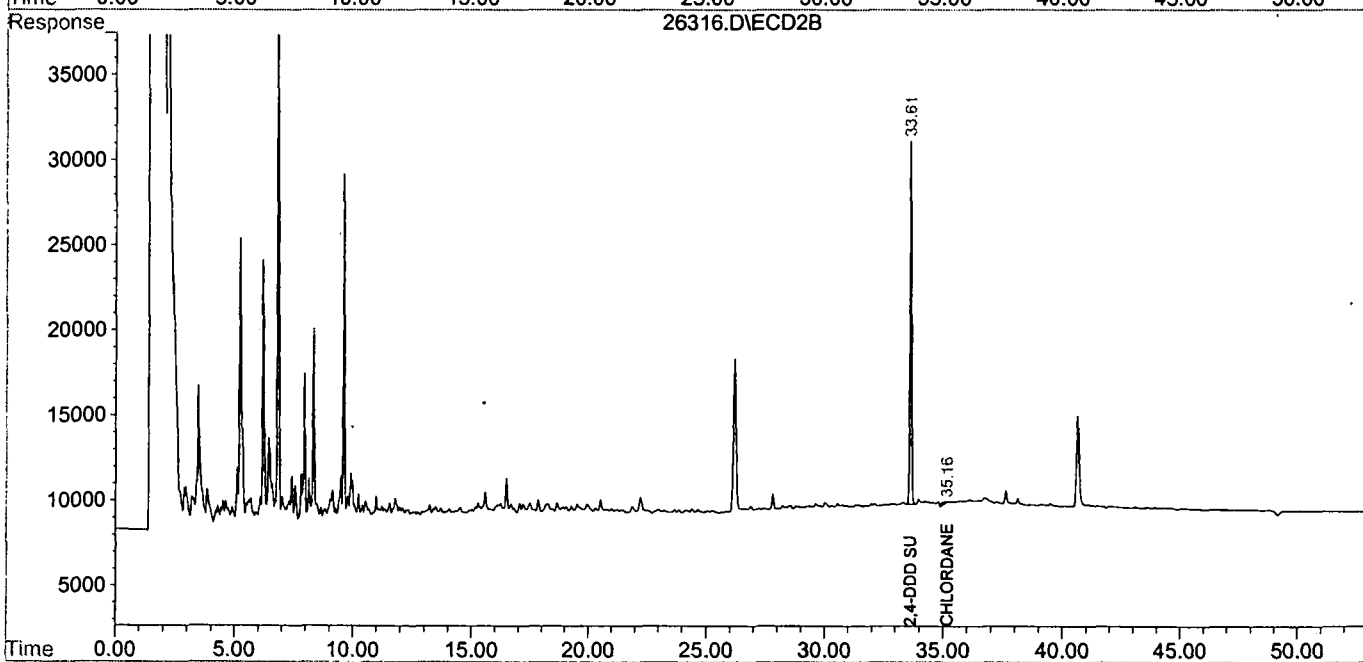
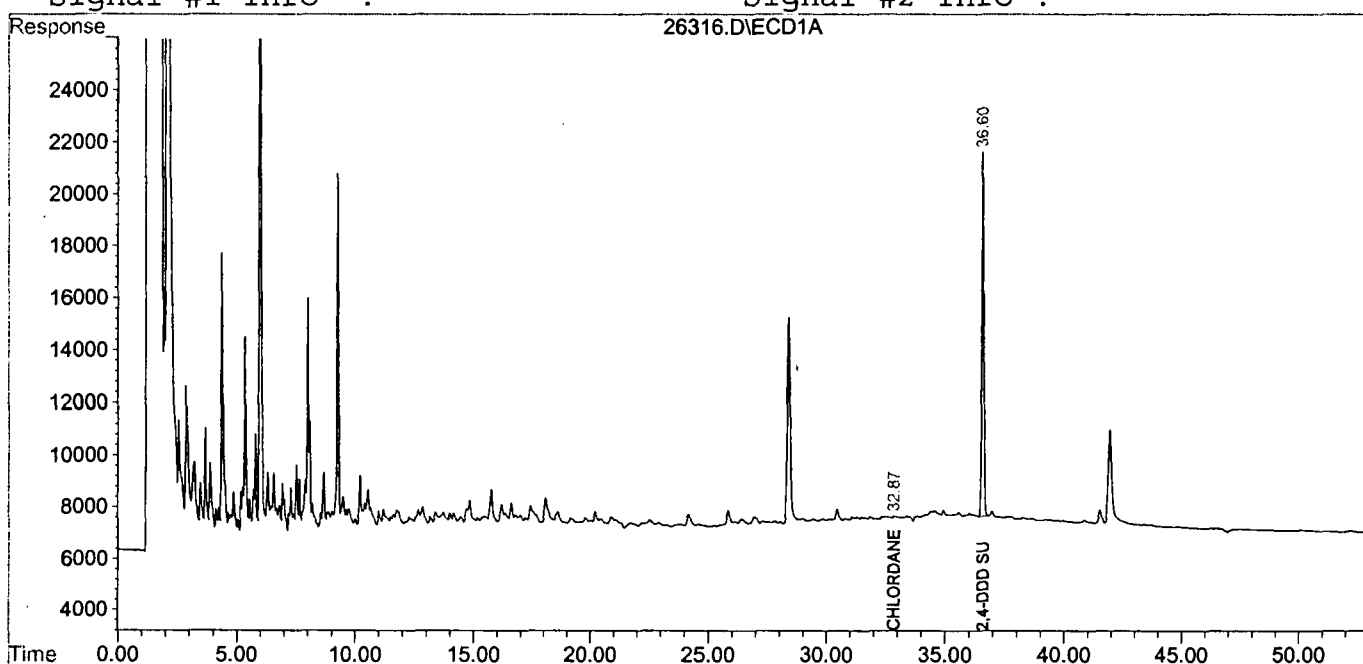
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Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508104\011130D\26316.D\ECD1A.CH Vial: 90
Signal #2 : C:\HPCHEM\1\DATA\508104\011130D\26316.D\ECD2B.CH
Acq On : 2 Dec 2001 9:43 am Operator: Nefliu
Sample : sample Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Dec 11 11:37 2001 Quant Results File: 011204C.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\011204C.M (Chemstation Integrator)
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
Last Update : Tue Dec 11 09:14:07 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F2.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\508104\011130D\26316.D\ECD1A.CH Vial: 90
Signal #2 : C:\HPCHEM\1\DATA\508104\011130D\26316.D\ECD2B.CH
Acq On : 2 Dec 2001 9:43 am Operator: Nefliu
Sample : sample Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Dec 11 11:45 2001 Quant Results File: 011204T.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\011204T.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99
Last Update : Fri Nov 09 16:13:01 2001
Response via : Initial Calibration
DataAcq Meth : 508F2.M

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

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

System Monitoring Compounds						
6) S 2,4-DDD SURROGAT	36.60	33.61	837011	1050647	0.162	0.159
Spiked Amount	0.200		Recovery	=	81.00%	79.50%
Target Compounds						
1) TOXAPHENE PEAK 1	34.97	0.00	8902	0	0.236	N.D. d#
2) TOXAPHENE PEAK 2	38.71	36.50	5544	2331	0.036	0.021 #
3) TOXAPHENE PEAK 3	0.00	0.00	0	0	N.D.	N.D. d
4) TOXAPHENE PEAK 4	44.87f	39.50	2792	6327	0.021	0.078 #
5) TOXAPHENE PEAK 5	0.00	0.00	0	0	N.D.	N.D. d

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

26316.D 011204T.M Tue Dec 11 11:45:23 2001

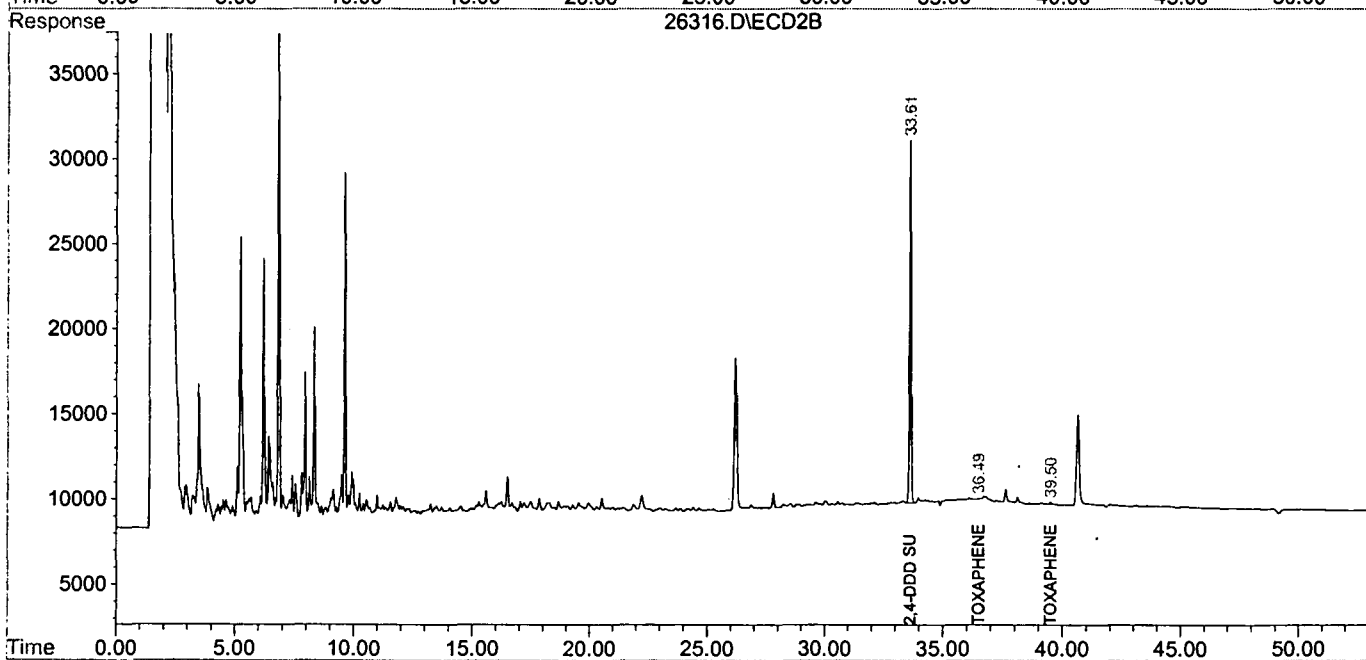
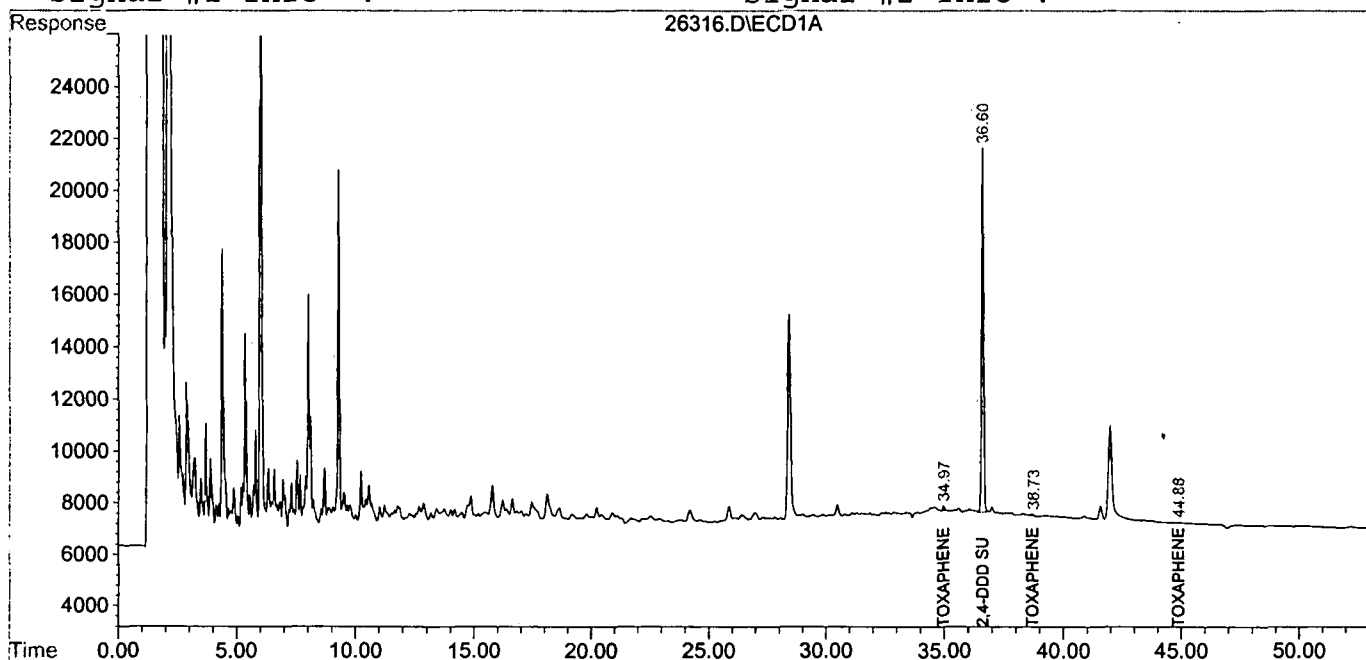
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Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508104\011130D\26316.D\ECD1A.CH Vial: 90
Signal #2 : C:\HPCHEM\1\DATA\508104\011130D\26316.D\ECD2B.CH
Acq On : 2 Dec 2001 9:43 am Operator: Nefliu
Sample : sample Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Dec 11 11:45 2001 Quant Results File: 011204T.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\011204T.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99
Last Update : Fri Nov 09 16:13:01 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F2.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\508104\011130D\26316.D\ECD1A.CH Vial: 90
Signal #2 : C:\HPCHEM\1\DATA\508104\011130D\26316.D\ECD2B.CH
Acq On : 2 Dec 2001 9:43 am Operator: Nefliu
Sample : sample Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Dec 11 13:39 2001 Quant Results File: PCB1221.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\PCB1221.M (Chemstation Integrator)
Title : DUAL 508-CHLORINATED PESTICIDES CHLORDANE 6/3/99
Last Update : Tue Dec 11 11:53:38 2001
Response via : Initial Calibration
DataAcq Meth : 508F2.M

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

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

6) s	2,4-DDD SURROGAT	36.60	33.61	831551	1050531	0.175	0.200
Spiked Amount	0.100			Recovery	=	175.00%	200.00%

Target Compounds

1)	PEAK 1	12.55	12.90	1970	3466	0.020	0.113 #
2)	PEAK 2	17.45	13.93	37848	1640	0.269	0.013 #
3)	PEAK 3	18.65	14.92	34797	2205	0.351	0.023 #
4)	PEAK 4	0.00	15.58f	0	41761	N.D. d	0.117
5)	PEAK 5	0.00	17.84	0	36045	N.D. d	0.764

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

26316.D PCB1221.M Tue Dec 11 13:40:05 2001

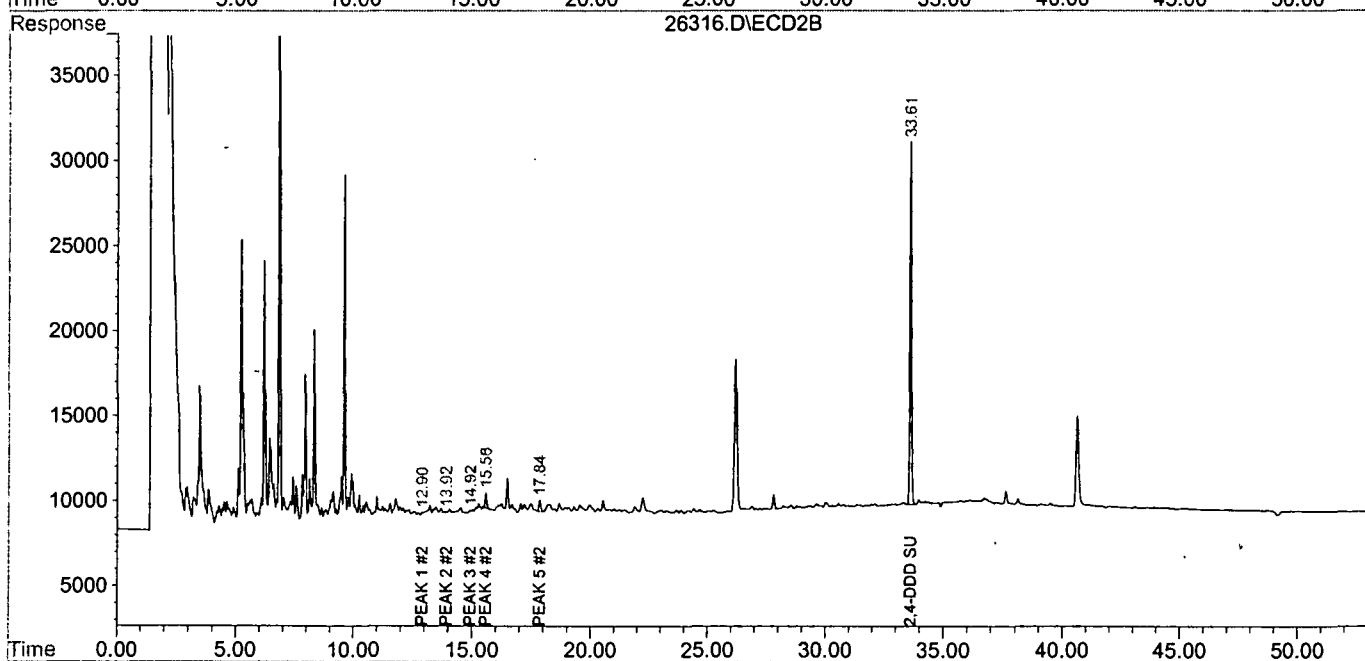
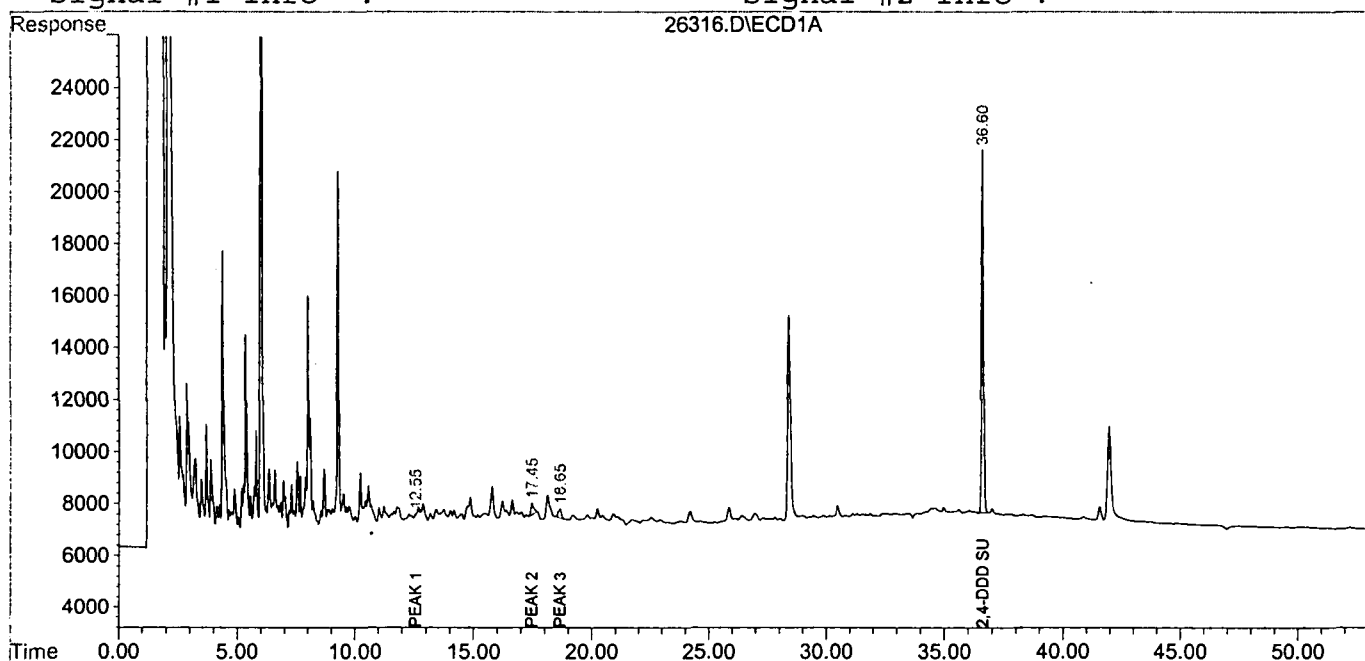
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Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508104\011130D\26316.D\ECD1A.CH Vial: 90
Signal #2 : C:\HPCHEM\1\DATA\508104\011130D\26316.D\ECD2B.CH
Acq On : 2 Dec 2001 9:43 am Operator: Nefliu
Sample : sample Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Dec 11 13:39 2001 Quant Results File: PCB1221.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\PCB1221.M (Chemstation Integrator)
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
Last Update : Tue Dec 11 11:53:38 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F2.M

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



• **Comments for Sample AD26316 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-16-2001 Time: 10:48:11

Recoveries for 3 of the 11 compounds in the LCS Standard are below their acceptance ranges.