

User: Nefili, Marcela
Westchester Dept. of Labs & Research
Date: 10/15/2001 Time: 10:05:23

Sample: AD23318
Analysis: SC1508 Organochlorine Pesticides Calibration
Units: ug
Started: 9/25/01 09:37 Ended: 10/7/01 09:37 Analyst: MN
Page: 1

	Component Name	Viol	Result	Qualifier	MLL
1	Propachlor		0.20		0.040
2	Lindane		0.28		0.030
3	Heptachlor		0.094		0.020
4	Aldrin		0.12		0.010
5	Heptachlor Epoxide		0.24		0.030
6	4,4-DDE		0.41		0.080
7	Dieldrin		0.079		0.016
8	Endrin		0.20		0.020
9	Methoxychlor		0.42		0.039
10	Chlordane		0.39		0.40
11	Toxaphene		3.3		0.40
12	PCB's		0.20		0.20
13	Surr_2,4-DDD		0.20		

TV?

Quantitation Report (QT-Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\011004\2PESTC2.D\ECD1A.CH Vial: 84
Signal #2 : C:\HPCHEM\1\DATA\508F\011004\2PESTC2.D\ECD2B.CH
Acq On : 6 Oct 2001 9:02 am Operator: Nefliu
Sample : pest ic2 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 13 11:12 2001 Quant Results File: 011007P.RES

Quant Method : C:\HPCHEM\1\METHODS\011007P.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES 9/6/00
Last Update : Fri Sep 28 14:35:02 2001
Response via : Initial Calibration
DataAcq Meth : 508F.M

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

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

System Monitoring Compounds						
10) S 2,4-DDD SURROGAT	37.60	34.65	959221	1230764	0.200	0.200m
Spiked Amount 0.100			Recovery	=	200.00%	200.00%
Target Compounds						
1) PROPACHLOR	17.36	16.31	162327	182721	0.196	0.201
2) g-BHC	23.71	21.43	2488832	3367676	0.282	0.287
3) HEPTACHLOR	26.44	22.88	566108	785271	0.094	0.096
4) ALDRIN	28.99	24.99	1174554	1368161	0.121	0.120
5) HEPTACHLOR EPOXI	32.80	30.07	2017636	2513366	0.241	0.242
6) 4,4'-DDE	36.16	33.07	3351172	4359174	0.412	0.413
7) DIELDRIN	36.49	33.76	611436	805545	0.079	0.080
8) ENDRIN	38.66	34.79	1023033	1213730	0.200	0.203m
9) METHOXYCHLOR	50.57	42.10	874953	925650	0.415	0.432

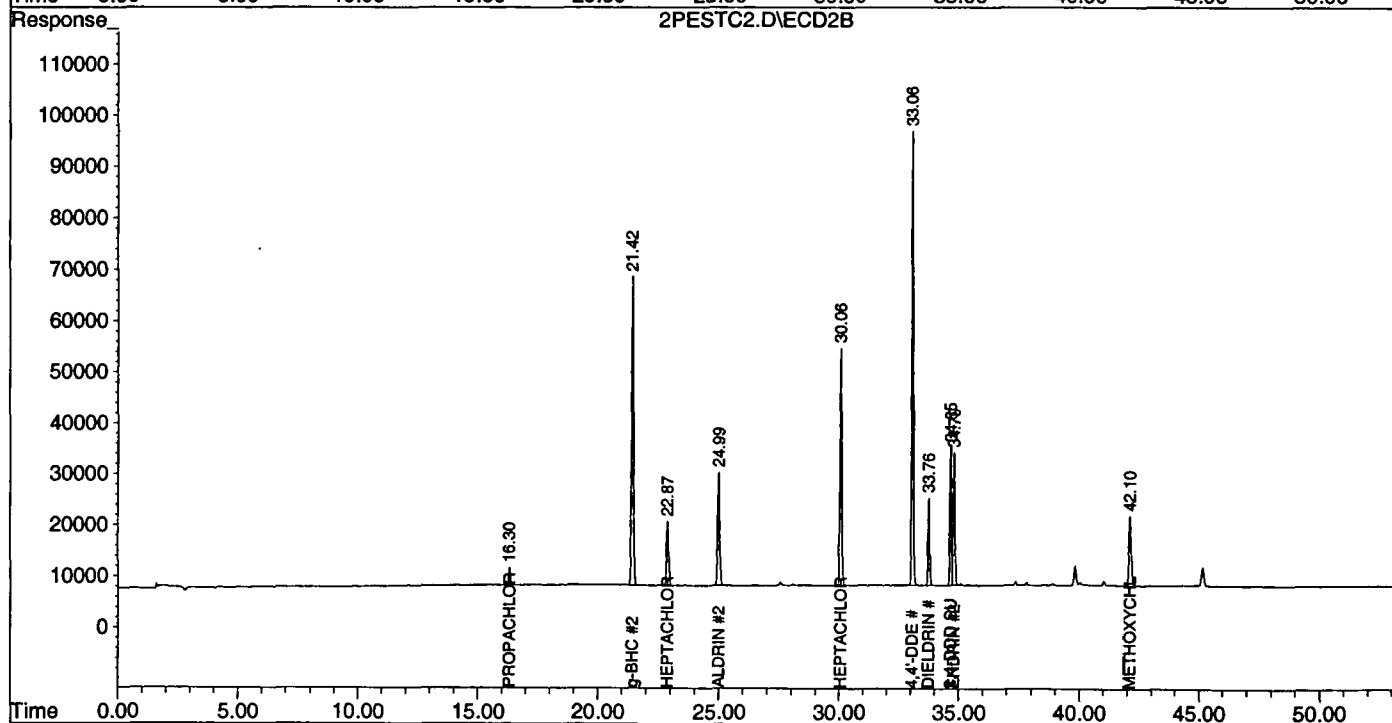
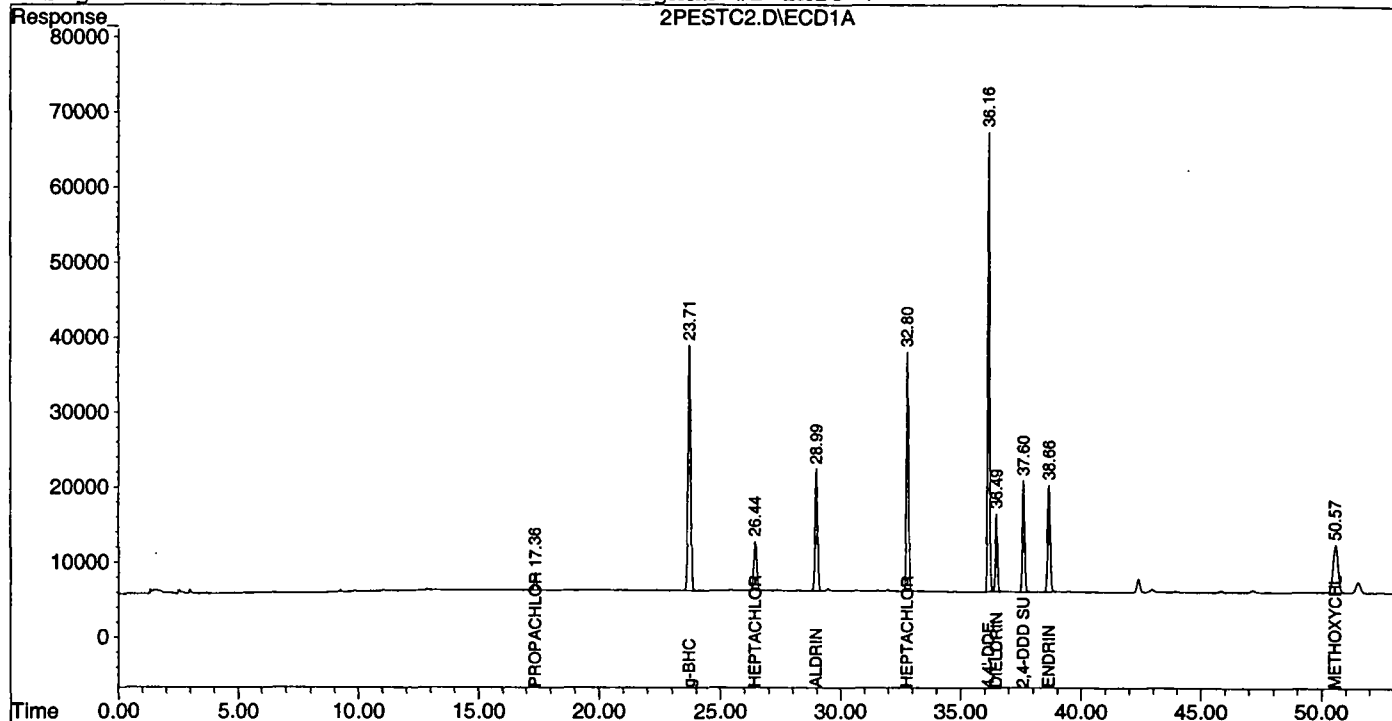
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
2PESTC2.D 011007P.M Sat Oct 13 11:12:52 2001

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\011004\2PESTC2.D\ECD1A.CH Vial: 84
Signal #2 : C:\HPCHEM\1\DATA\508F\011004\2PESTC2.D\ECD2B.CH
Acq On : 6 Oct 2001 9:02 am Operator: Nefliu
Sample : pest ic2 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 13 11:12 2001 Quant Results File: 011007P.RES

Quant Method : C:\HPCHEM\1\METHODS\011007P.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES 9/6/00
Last Update : Fri Sep 28 14:35:02 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F.M

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



Quantitation Report (QT-Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\011007\CHLC1.D\ECD1A.CH Vial: 4
Signal #2 : C:\HPCHEM\1\DATA\508F\011007\CHLC1.D\ECD2B.CH
Acq On : 7 Oct 2001 10:14 am Operator: Nefliu
Sample : chlordan cccv1 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 13 11:36 2001 Quant Results File: 011004C.RES

Quant Method : C:\HPCHEM\1\METHODS\011004C.M (Chemstation Integrator)
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
Last Update : Sun Sep 30 10:30:23 2001
Response via : Initial Calibration
DataAcq Meth : 508F.M

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

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

Target Compounds

1)	CHLORDANE PEAK 1	32.58	32.05	79932	398408	0.406	0.372
2)	CHLORDANE PEAK 2	33.73	32.37	347296	581174	0.374m	0.382
3)	CHLORDANE PEAK 3	34.66	36.22	283280	128032	0.375m	0.370

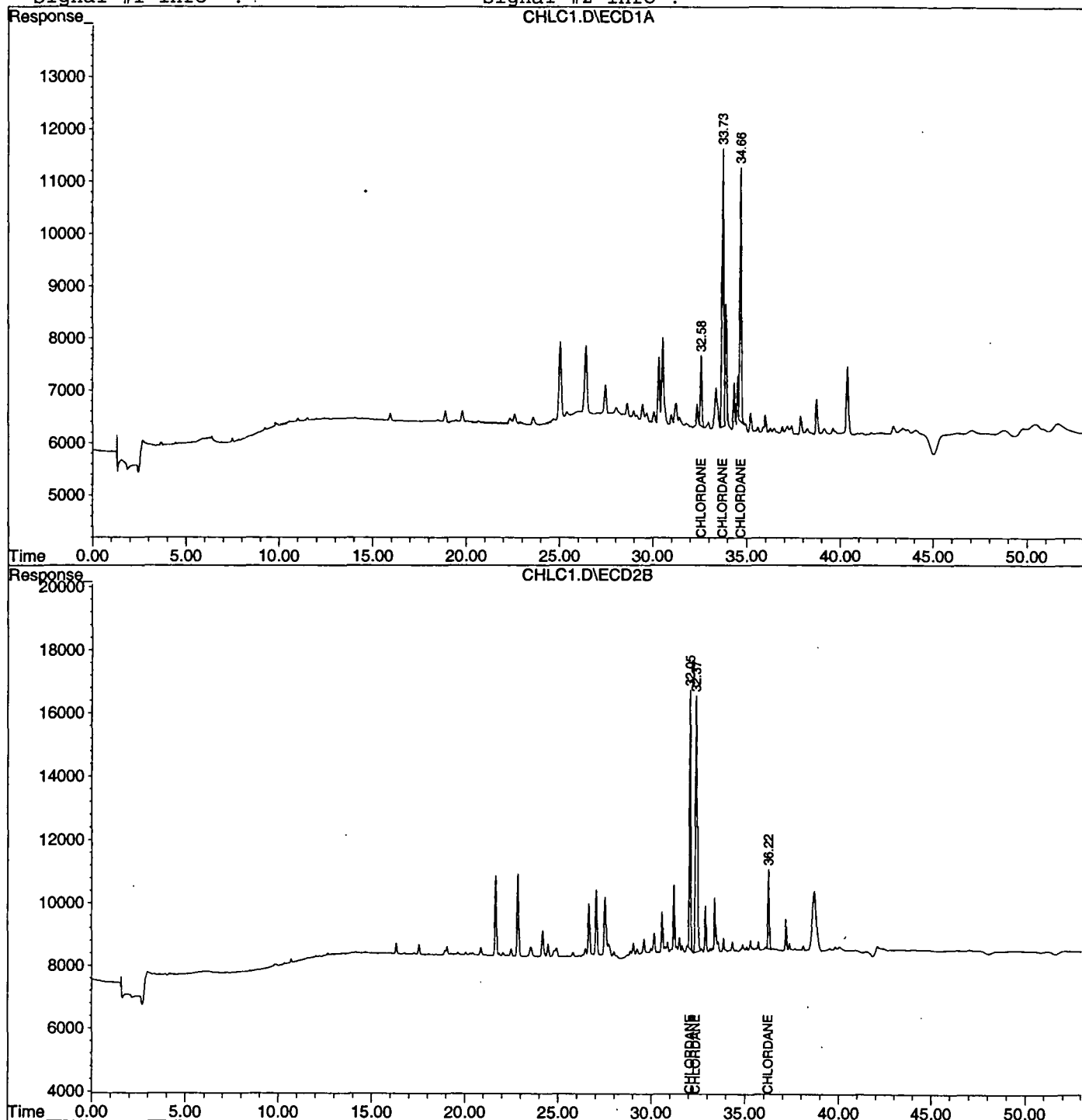
$\bar{r} = 0.39$ $T.V = 0.4$
✓

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\011007\CHLC1.D\ECD1A.CH Vial: 4
 Signal #2 : C:\HPCHEM\1\DATA\508F\011007\CHLC1.D\ECD2B.CH
 Acq On : 7 Oct 2001 10:14 am Operator: Nefliu
 Sample : chlordan ccv1 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 13 11:36 2001 Quant Results File: 011004C.RES

Quant Method : C:\HPCHEM\1\METHODS\011004C.M (Chemstation Integrator)
 Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
 Last Update : Sun Sep 30 10:30:23 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : 508F.M

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



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\011004\2TOXC2.D\ECD1A.CH Vial: 76
Signal #2 : C:\HPCHEM\1\DATA\508F\011004\2TOXC2.D\ECD2B.CH
Acq On : 6 Oct 2001 5:10 am Operator: Nefliu
Sample : toxaphene ic2 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 13 11:40 2001 Quant Results File: 011007T.RES

Quant Method : C:\HPCHEM\1\METHODS\011007T.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99
Last Update : Fri Sep 28 15:07:47 2001
Response via : Initial Calibration
DataAcq Meth : 508F.M

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

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

System Monitoring Compounds						
6) S 2,4-DDD SURROGAT	37.60	34.65	993654	1267731	0.203m	0.200
Spiked Amount	0.100		Recovery	=	203.00%	200.00%
Target Compounds						
1) TOXAPHENE PEAK 1	35.84	35.89	119494	114413	3.113	3.178m
2) TOXAPHENE PEAK 2	39.98	37.46	242951	380395	3.100m	3.305m
3) TOXAPHENE PEAK 3	41.68	39.57	311598	263350	3.228m	3.372
4) TOXAPHENE PEAK 4	47.57	40.75	694108	297133	3.470m	3.480
5) TOXAPHENE PEAK 5	46.96	41.87	541490	250859	3.455m	3.600

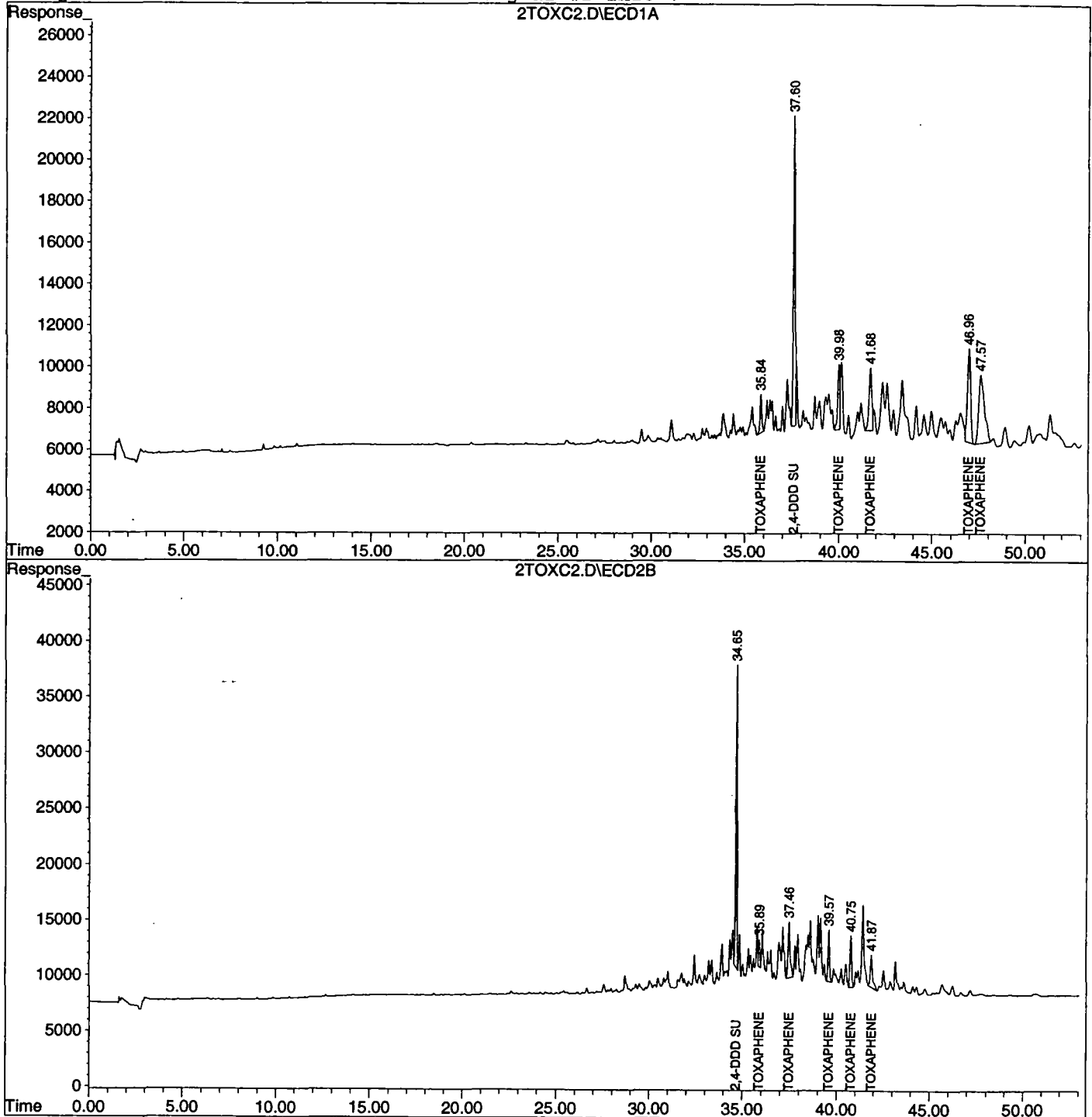
$\bar{x} = 3.3$
 $N = 47$
82%

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\011004\2TOXC2.D\ECD1A.CH Vial: 76
 Signal #2 : C:\HPCHEM\1\DATA\508F\011004\2TOXC2.D\ECD2B.CH
 Acq On : 6 Oct 2001 5:10 am Operator: Nefliu
 Sample : toxaphene ic2 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 13 11:40 2001 Quant Results File: 011007T.RES

Quant Method : C:\HPCHEM\1\METHODS\011007T.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99
 Last Update : Fri Sep 28 15:07:47 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : 508F.M

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



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\011004\1232C2.D\ECD1A.CH Vial: 90
Signal #2 : C:\HPCHEM\1\DATA\508F\011004\1232C2.D\ECD2B.CH
Acq On : 6 Oct 2001 11:56 am Operator: Nefliu
Sample : 1232 c2 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 15 10:00 2001 Quant Results File: PCB1232.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1232.M (Chemstation Integrator)
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
Last Update : Sat Oct 13 12:01:17 2001
Response via : Initial Calibration
DataAcq Meth : 508F.M

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

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

System Monitoring Compounds						
Target Compounds						
1) PEAK 1	20.07	14.86	63419	18120	0.200	0.200
2) PEAK 2	23.58	17.66	52737	2789	0.204m	0.200
3) PEAK 3	26.75	20.68	86393	18260	0.200	0.200
4) PEAK 4	33.35	22.35	29018	85630	0.200	0.200m
5) PEAK 5	34.92	27.99	22677	7777	0.200	0.200

$\bar{x} = 0.20$

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\011004\1232C2.D\ECD1A.CH Vial: 90
 Signal #2 : C:\HPCHEM\1\DATA\508F\011004\1232C2.D\ECD2B.CH
 Acq On : 6 Oct 2001 11:56 am Operator: Nefliu
 Sample : 1232 c2 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 15 10:00 2001 Quant Results File: PCB1232.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1232.M (Chemstation Integrator)
 Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
 Last Update : Sat Oct 13 12:01:17 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : 508F.M

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

