

Quantitation Report (Q1 Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\PESTC3.D\ECD1A.CH Vial: 58
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\PESTC3.D\ECD2B.CH
 Acq On : 2 Oct 2001 6:27 am Operator: Nefliu
 Sample : pest ccv2 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 9 11:21 2001 Quant Results File: 010930P.RES

Quant Method : C:\HPCHEM\1\METHODS\010930P.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
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System Monitoring Compounds

Target Compounds		RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
1)	PROPACHLOR	17.34	16.29	278469	323447	0.395m	99%, 0.392	T.W 0.4
2)	g-BHC	23.69	21.41	4728969	6678596	0.589	105%, 0.632	0.56
3)	HEPTACHLOR	26.42	22.86	1094709	1667799	0.203	85%, 0.206	0.19
4)	ALDRIN	28.96	24.97	2341224	2738520	0.251	105%, 0.265	0.24
5)	HEPTACHLOR EPOXI	32.78	30.05	3822439	4760076	0.487	101%, 0.505	0.48
6)	4,4'-DDE	36.14	33.05	6489488	8245696	0.803	100%, 0.868	0.8
7)	DIELDRIN	36.47	33.74	1204545	1567453	0.168	105%, 0.175	0.16
8)	ENDRIN	38.64	34.78	2184098	2954766	0.431	102%, 0.458	0.4
9)	METHOXYCHLOR	50.53	42.07	1659213	2002384	0.810	101%, 0.832	0.8

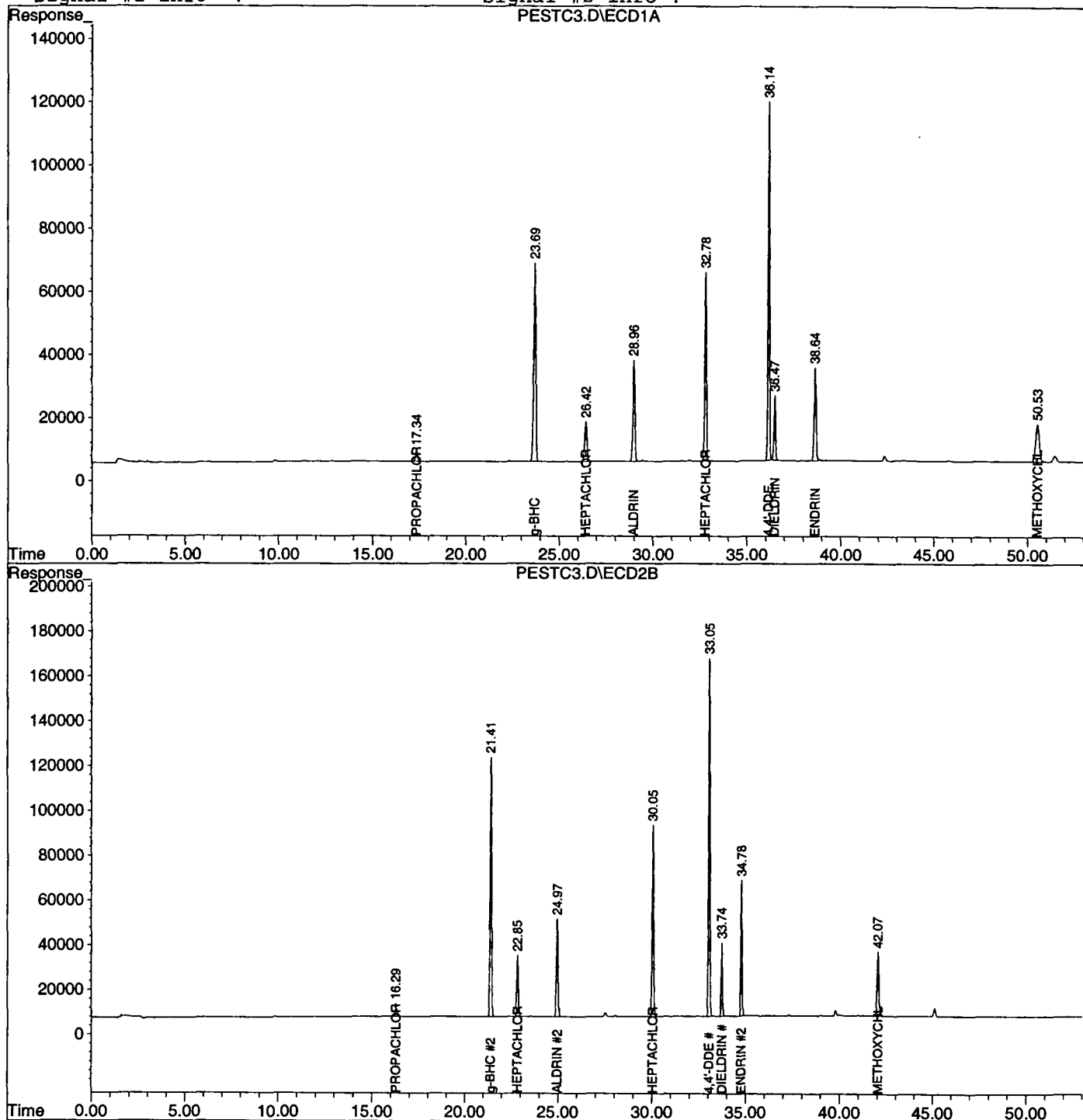
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 PESTC3.D 010930P.M Tue Oct 09 11:21:45 2001

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\PESTC3.D\ECD1A.CH Vial: 58
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\PESTC3.D\ECD2B.CH
Acq On : 2 Oct 2001 6:27 am Operator: Nefliu
Sample : pest ccv2 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 9 11:21 2001 Quant Results File: 010930P.RES

Quant Method : C:\HPCHEM\1\METHODS\010930P.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\010930\CHLC3.D\ECD1A.CH Vial: 60
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\CHLC3.D\ECD2B.CH
Acq On : 2 Oct 2001 7:25 am Operator: Nefliu
Sample : chlordan ccv2 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 9 11:32 2001 Quant Results File: 010828C.RES

Quant Method : C:\HPCHEM\1\METHODS\010828C.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	32.59	32.07	740643	4472563	4.500	4.531
2)	CHLORDANE PEAK 2	33.74	32.39	3700263	6202365	4.666m	4.411
3)	CHLORDANE PEAK 3	34.67	36.23	3052162	1420673	4.213m	4.557

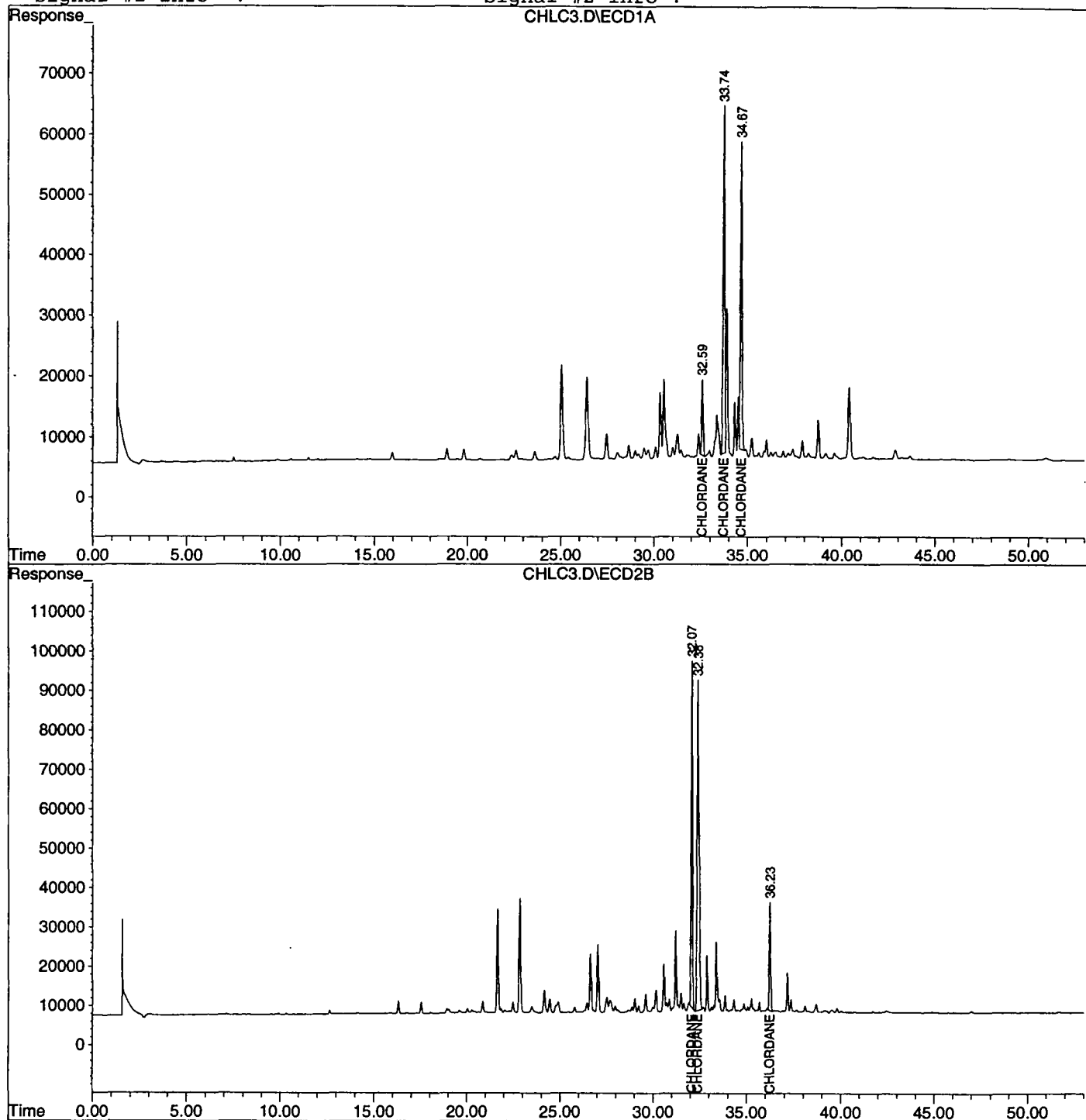
$\bar{x} = 4.5$
(113 %)
✓

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\CHLC3.D\ECD1A.CH Vial: 60
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\CHLC3.D\ECD2B.CH
 Acq On : 2 Oct 2001 7:25 am Operator: Nefliu
 Sample : chlordan ccv2 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 9 11:32 2001 Quant Results File: 010828C.RES

Quant Method : C:\HPCHEM\1\METHODS\010828C.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\010930\TOXC1.D\ECD1A.CH Vial: 12
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\TOXC1.D\ECD2B.CH
Acq On : 30 Sep 2001 2:34 pm Operator: Nefliu
Sample : tox icl Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 9 11:47 2001 Quant Results File: 010930T.RES

Quant Method : C:\HPCHEM\1\METHODS\010930T.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	0.00	0.00	0	0	N.D. d	N.D. d
Spiked Amount	0.100		Recovery	=	0.00%	0.00%
Target Compounds						
1) TOXAPHENE PEAK 1	35.82	35.86	24900	19973	0.722	0.602m
2) TOXAPHENE PEAK 2	39.95	37.44	43494	66842	0.688m	0.633m
3) TOXAPHENE PEAK 3	41.65	39.54	58160	43520	0.679m	0.600
4) TOXAPHENE PEAK 4	47.52	40.72	104543	38165	0.570	0.475
5) TOXAPHENE PEAK 5	46.92	41.83	93504	26870	0.669m	0.423m#

$\bar{x} = 0.67$ (105%)

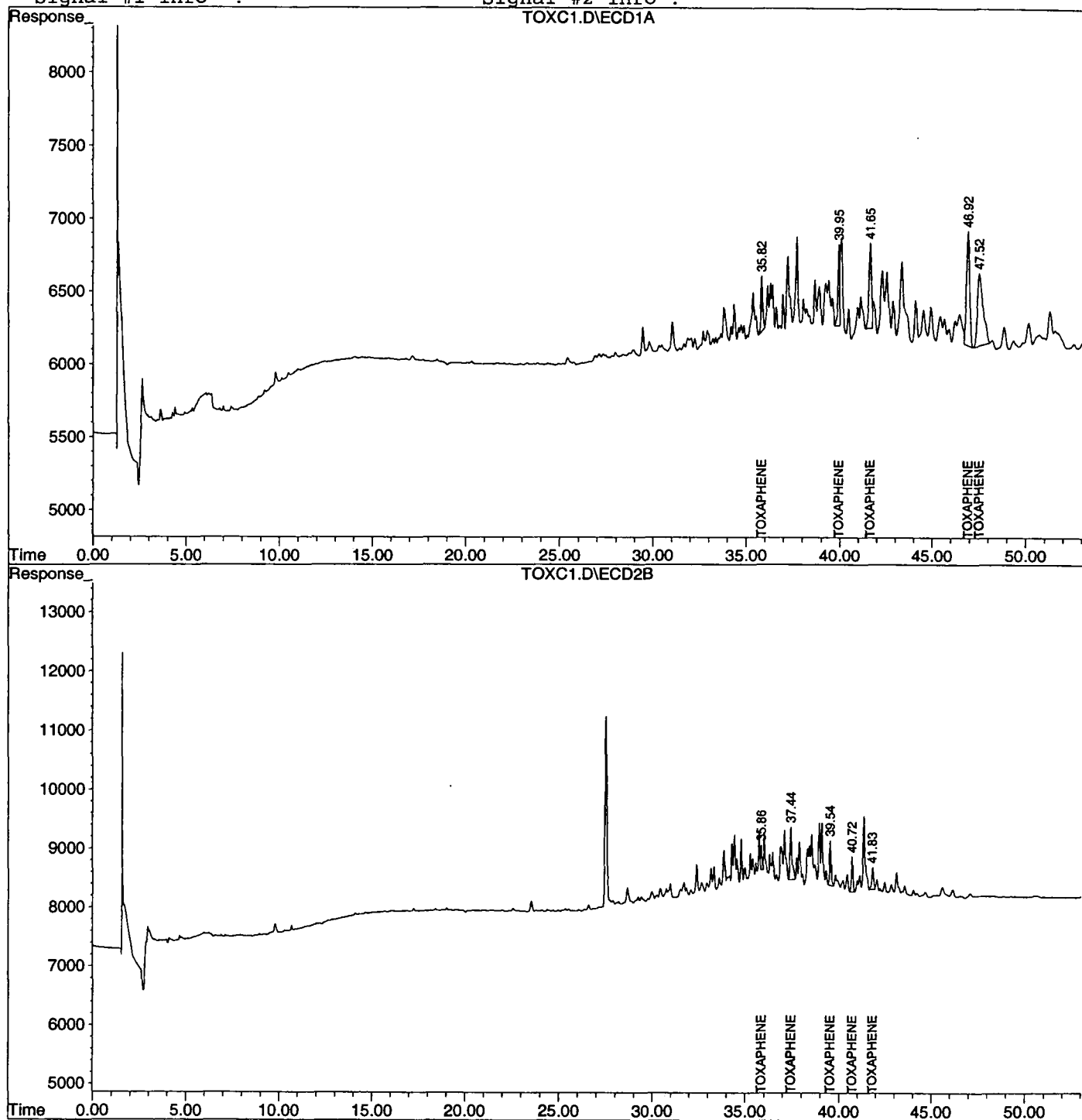


Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\TOXC1.D\ECD1A.CH Vial: 12
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\TOXC1.D\ECD2B.CH
Acq On : 30 Sep 2001 2:34 pm Operator: Nefliu
Sample : tox ic1 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 9 11:47 2001 Quant Results File: 010930T.RES

Quant Method : C:\HPCHEM\1\METHODS\010930T.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 :



QUANTIFICATION REPORT (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\TOXC3.D\ECD1A.CH Vial: 16
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\TOXC3.D\ECD2B.CH
 Acq On : 1 Oct 2001 10:12 am Operator: Nefliu
 Sample : tox ic3 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 9 11:49 2001 Quant Results File: 010930T.RES

Quant Method : C:\HPCHEM\1\METHODS\010930T.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	0.00	0.00	0	0	N.D. d	N.D. d
Spiked Amount 0.100			Recovery	=	0.00%	0.00%
Target Compounds						
1) TOXAPHENE PEAK 1	35.83	35.88	207871	206125	6.024	6.215m
2) TOXAPHENE PEAK 2	39.96	37.45	425284	666271	6.728m	6.312
3) TOXAPHENE PEAK 3	41.66	39.55	557415	469585	6.509m	6.472
4) TOXAPHENE PEAK 4	47.55	40.73	1295568	580195	7.067	7.215
5) TOXAPHENE PEAK 5	46.94	41.85	921502	470676	6.596m	7.413

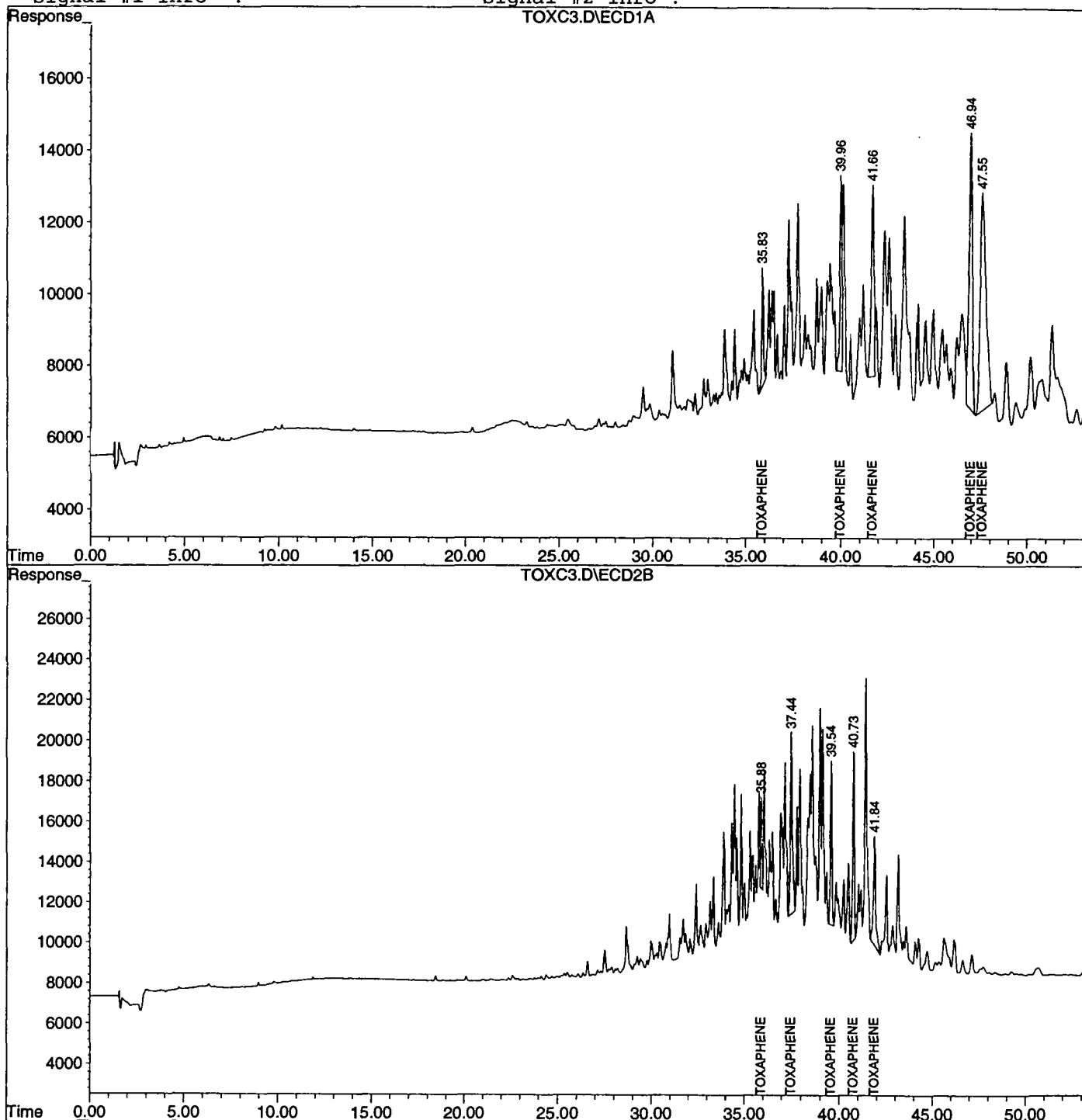
$\bar{x} = 6.6$ (103%)


Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\TOXC3.D\ECD1A.CH Vial: 16
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\TOXC3.D\ECD2B.CH
Acq On : 1 Oct 2001 10:12 am Operator: Nefliu
Sample : tox ic3 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 9 11:49 2001 Quant Results File: 010930T.RES

Quant Method : C:\HPCHEM\1\METHODS\010930T.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 #1 Info :
Signal #2 Phase :
Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\TOXUR.D\ECD1A.CH Vial: 18
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\TOXUR.D\ECD2B.CH
Acq On : 1 Oct 2001 11:10 am Operator: Nefliu
Sample : tox unextracted ref Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 9 11:50 2001 Quant Results File: 010930T.RES

Quant Method : C:\HPCHEM\1\METHODS\010930T.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	0.00	0.00	0	0	N.D. d	N.D. d
Spiked Amount 0.100			Recovery	=	0.00%	0.00%
Target Compounds						
1) TOXAPHENE PEAK 1	35.83	35.87	138037	159900	4.000	4.821m
2) TOXAPHENE PEAK 2	39.94	37.42	363155	468766	5.745m	4.441m
3) TOXAPHENE PEAK 3	41.65	39.54	357788	241796	4.178m	3.333
4) TOXAPHENE PEAK 4	47.51	40.72	270070	186877	1.473m	2.324 #
5) TOXAPHENE PEAK 5	46.93	41.83	458357	191475	3.281m	3.016m

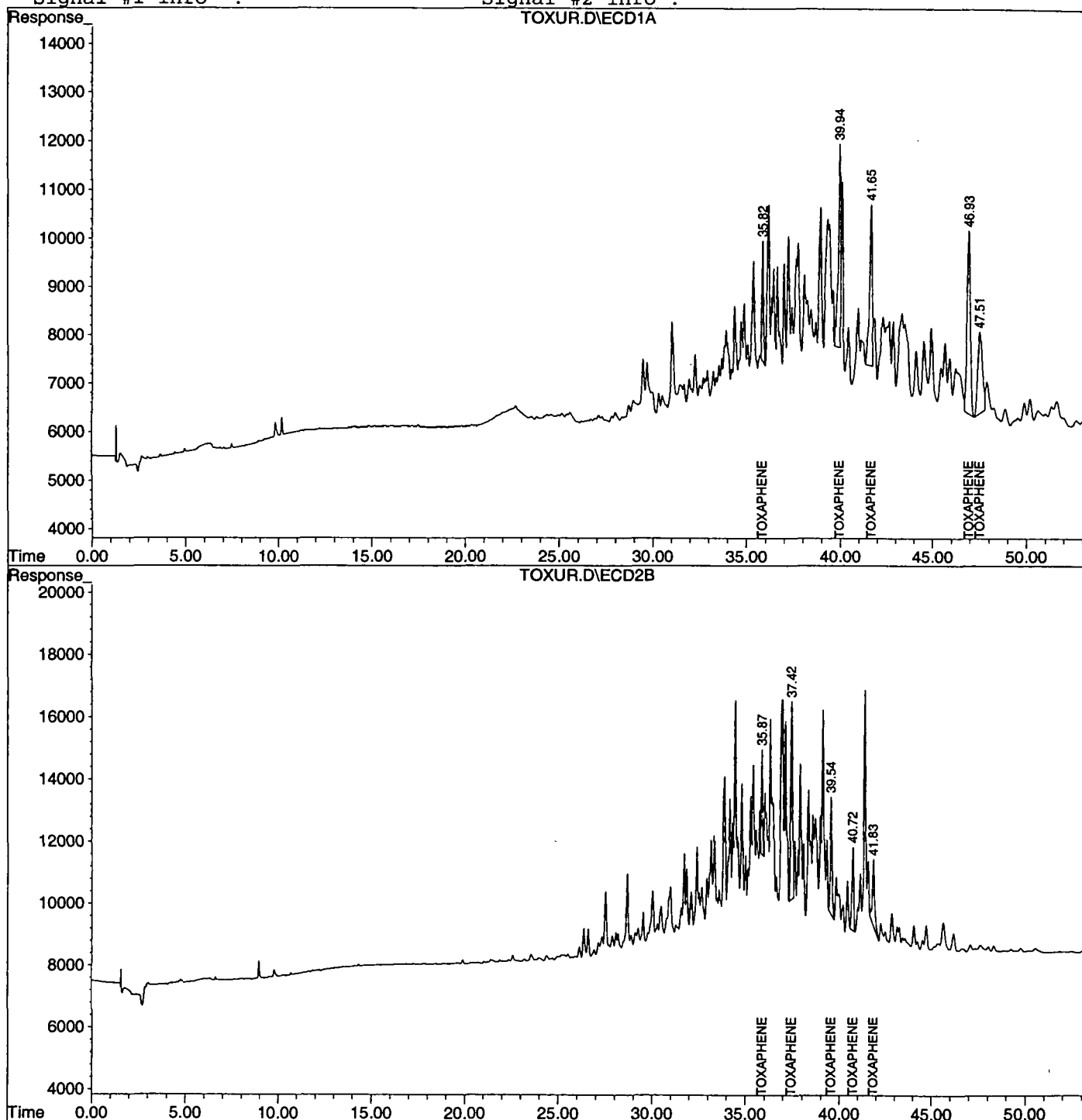
$\bar{x} = 3.7$ (116% /)
✓

quantitation report

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\TOXUR.D\ECD1A.CH Vial: 18
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\TOXUR.D\ECD2B.CH
Acq On : 1 Oct 2001 11:10 am Operator: Nefliu
Sample : tox unextracted ref Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 9 11:50 2001 Quant Results File: 010930T.RES

Quant Method : C:\HPCHEM\1\METHODS\010930T.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 :



Response Factor Report 104

Method : C:\HPCHEM\1\METHODS\010930T.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99
 Last Update : Sun Oct 07 13:30:50 2001

Calibration Files

2 =TOXC2.D 3 =TOXC3.D 1 =TOXC1.D
 =

Compound		2	3	1	Avg	%RSD
1)	TOXAPHENE PEAK 1	3.213	3.248	3.891	3.451 E4	11.05
2)	TOXAPHENE PEAK 2	5.989	6.604	6.369	6.321 E4	4.91
3)	TOXAPHENE PEAK 3	7.915	8.947	8.831	8.564 E4	6.60
4)	TOXAPHENE PEAK 4	1.842	2.024	1.633	1.833 E5	10.67
5)	TOXAPHENE PEAK 5	1.344	1.395	1.452	1.397 E5	3.87
6) S	2,4-DDD SURROGATE	4.292			4.292 E6	0.00

Signal #2 Calibration Files

2 =TOXC2.D 3 =TOXC3.D 1 =TOXC1.D
 =

Compound		2	3	1	Avg	%RSD
1)	TOXAPHENE PEAK 1	3.448	3.333	3.169	3.317 E4	4.23
2)	TOXAPHENE PEAK 2	1.077	1.041	1.049	1.056 E5	1.77
3)	TOXAPHENE PEAK 3	7.629	7.337	6.800	7.255 E4	5.79
4)	TOXAPHENE PEAK 4	9.094	9.066	5.963	8.041 E4	22.38
5)	TOXAPHENE PEAK 5	7.550	7.354	4.145	6.350 E4	30.11
6) S	2,4-DDD SURROGATE	5.686			5.686 E6	0.00

Range
 930T.M

Tue Oct 09 14:05:11 2001

Pa

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Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\2TOXC2.D\ECD1A.CH Vial: 66
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\2TOXC2.D\ECD2B.CH
Acq On : 2 Oct 2001 10:19 am Operator: Nefliu
Sample : tox ccv1 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 9 11:46 2001 Quant Results File: 010930T.RES

Quant Method : C:\HPCHEM\1\METHODS\010930T.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	37.59	34.64	952843	1150594	0.222m	0.202
Spiked Amount	0.100		Recovery	=	222.00%	202.00%
Target Compounds						
1) TOXAPHENE PEAK 1	35.83	35.88	112670	111983	3.265	3.376m
2) TOXAPHENE PEAK 2	39.96	37.45	223532	348815	3.536m	3.304
3) TOXAPHENE PEAK 3	41.67	39.55	292718	243327	3.418m	3.354
4) TOXAPHENE PEAK 4	47.55	40.74	616477	281583	3.363	3.502
5) TOXAPHENE PEAK 5	46.94	41.85	485865	230436	3.478m	3.629

T= 3.4 (106%)



Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\2TOXC2.D\ECD1A.CH Vial: 66
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\2TOXC2.D\ECD2B.CH
Acq On : 2 Oct 2001 10:19 am Operator: Nefliu
Sample : tox ccv1 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 9 11:46 2001 Quant Results File: 010930T.RES

Quant Method : C:\HPCHEM\1\METHODS\010930T.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 #1 Info :
Signal #2 Phase:
Signal #2 Info :

