

Response Factor Report Instrumen

Method : C:\MSDCHEM\1\METHODS\011224T.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides - Toxaphene
 Last Update : Wed Dec 26 10:40:08 2001

Calibration Files

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

Compound		1	2	3	Avg		%RSD
1)	Toxaphene Peak 1	4.628	4.735	4.872	4.745	E7	2.58
2)	Toxaphene Peak 2	8.370	8.490	8.468	8.443	E7	0.76
3)	Toxaphene Peak 3	5.210	4.651	4.657	4.839	E7	6.64
4)	Toxaphene Peak 4	1.791	1.942	1.964	1.899	E8	4.97
5)	Toxaphene Peak 5	6.807	7.688	8.440	7.645	E7	10.69
6) s	2,4-DDD SURROGATE	3.921	3.957	4.157	4.012	E9	3.17

Signal #2 Calibration Files

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

Compound		1	2	3	Avg		%RSD
1)	Toxaphene Peak 1	2.284	2.274	2.257	2.272	E7	0.60
2)	Toxaphene Peak 2	1.005	1.140	1.188	1.111	E8	8.56
3)	Toxaphene Peak 3	3.770	3.690	3.807	3.755	E7	1.59
4)	Toxaphene Peak 4	1.030	1.088	1.120	1.079	E8	4.19
5)	Toxaphene Peak 5	1.172	1.252	1.329	1.251	E8	6.26
6) s	2,4-DDD SURROGATE	2.858	2.560	2.528	2.649	E9	6.87

120

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011224B\TOXC1.D\ECD1A.CH Vial: 6
 Signal #2 : C:\MSDCHEM\1\DATA\508\011224B\TOXC1.D\ECD2B.CH
 Acq On : 24 Dec 2001 3:05 pm Operator: Nefliu
 Sample : tox ic1 Inst : Instrume
 Misc : Multiplr: 1.00
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
 Quant Time: Dec 31 15:16:33 2001 Quant Results File: 011224T.RES

Quant Method : C:\MSDCHEM\1\METHODS\011224T.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides - Toxaphene
 Last Update : Wed Dec 26 10:40:08 2001
 Response via : Initial Calibration
 DataAcq Meth : MDL508.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
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System Monitoring Compounds

6) s	2,4-DDD SURROGAT	14.34	14.98	785.0E6	554.3E6	0.196m	0.209m
Spiked Amount		0.200		Recovery		=	98.00% 104.50%

Target Compounds

1)	Toxaphene Peak 1	14.76	15.71	29621929	14426301	0.624m	0.635m
2)	Toxaphene Peak 2	15.12	16.13	53495599	64498639	0.634m	0.580m
3)	Toxaphene Peak 3	15.53	16.29	31969483	23329849	0.661m	0.621m
4)	Toxaphene Peak 4	17.18	16.71	115.1E6	66434362	0.606m	0.616m
5)	Toxaphene Peak 5	17.55	17.79	44559225	75628707	0.583m	0.605m

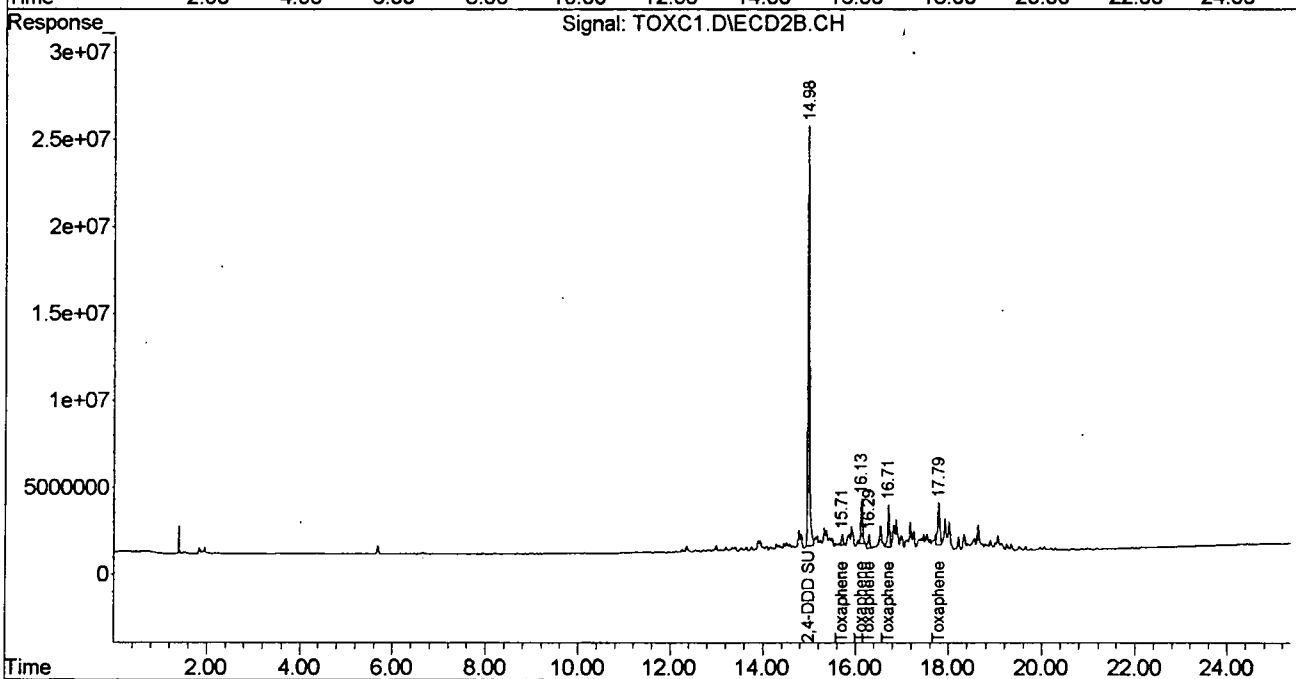
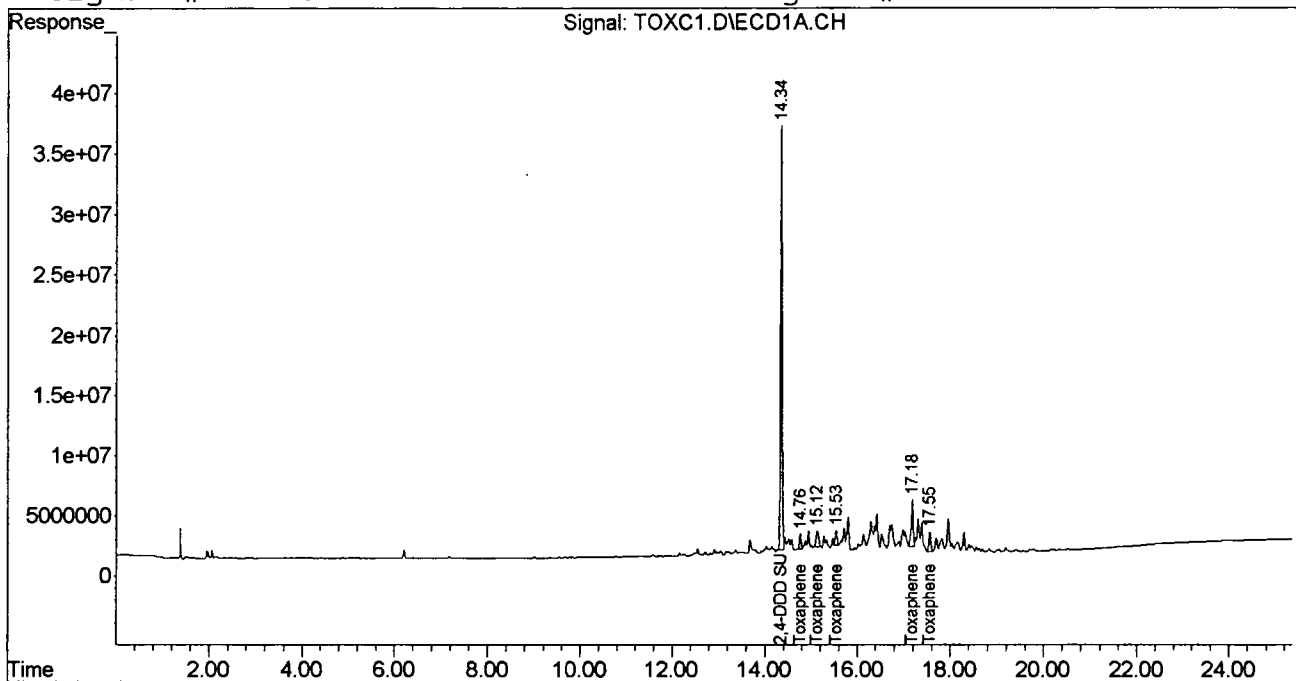
$\bar{x} = 0.62$
 (97.1)

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011224B\TOXC1.D\ECD1A.CH Vial: 6
Signal #2 : C:\MSDCHEM\1\DATA\508\011224B\TOXC1.D\ECD2B.CH
Acq On : 24 Dec 2001 3:05 pm Operator: Nefliu
Sample : tox ic1 Inst : Instrume
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
Quant Time: Dec 31 15:17 2001 Quant Results File: 011224T.RES

Quant Method : C:\MSDCHEM\1\METHODS\011224T.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides - Toxaphene
Last Update : Wed Dec 26 10:40:08 2001
Response via : Multiple Level Calibration
DataAcq Meth : MDL508.M

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



Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011224B\TOXC2.D\ECD1A.CH Vial: 7
 Signal #2 : C:\MSDCHEM\1\DATA\508\011224B\TOXC2.D\ECD2B.CH
 Acq On : 24 Dec 2001 3:34 pm Operator: Nefliu
 Sample : tox ic2 Inst : Instrume
 Misc : Multiplr: 1.00
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
 Quant Time: Dec 31 15:17:51 2001 Quant Results File: 011224T.RES

Quant Method : C:\MSDCHEM\1\METHODS\011224T.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides - Toxaphene
 Last Update : Wed Dec 26 10:40:08 2001
 Response via : Initial Calibration
 DataAcq Meth : MDL508.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
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System Monitoring Compounds

6) s	2,4-DDD SURROGAT	14.35	14.98	793.6E6	509.4E6	0.198m	0.192m
Spiked Amount		0.200		Recovery		=	99.00% 96.00%

Target Compounds

1)	Toxaphene Peak 1	14.76	15.71	151.2E6	73624139	3.187m	3.241m
2)	Toxaphene Peak 2	15.13	16.13	270.0E6	326.5E6	3.198m	2.939m
3)	Toxaphene Peak 3	15.54	16.29	145.4E6	119.2E6	3.004m	3.173m
4)	Toxaphene Peak 4	17.18	16.71	619.0E6	343.6E6	3.260m	3.183m
5)	Toxaphene Peak 5	17.56	17.79	246.0E6	395.6E6	3.218m	3.163m

$\bar{p} = 3.2$

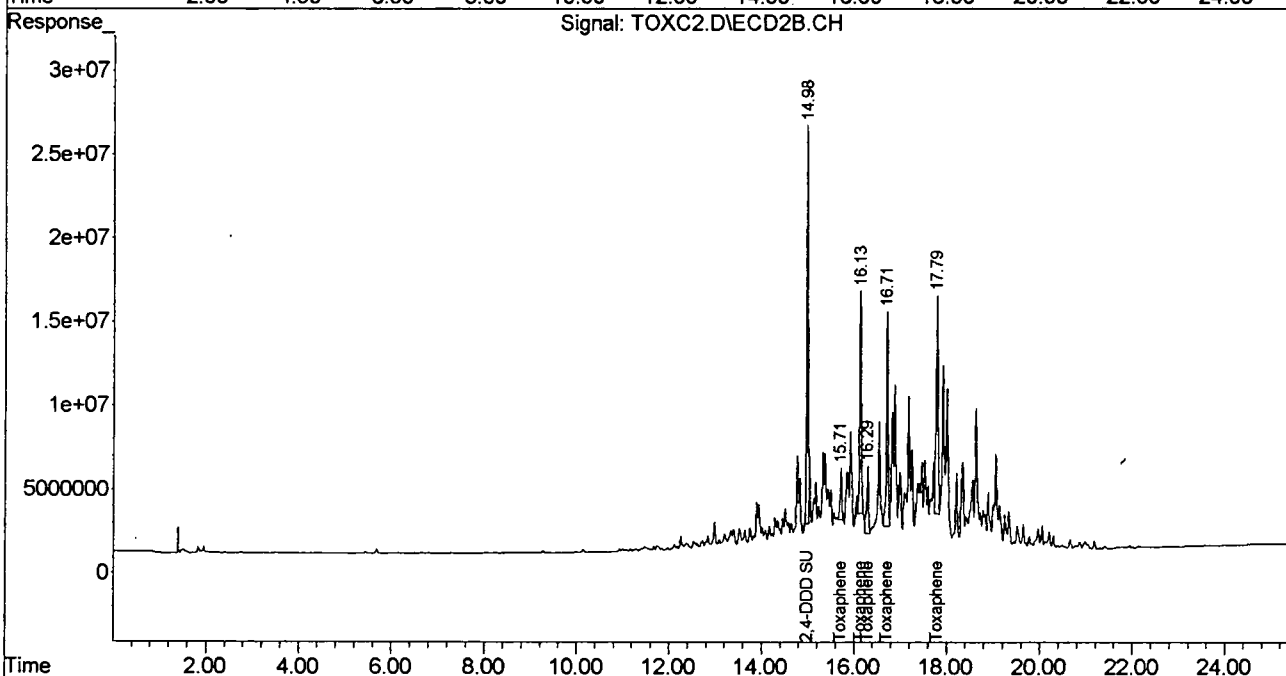
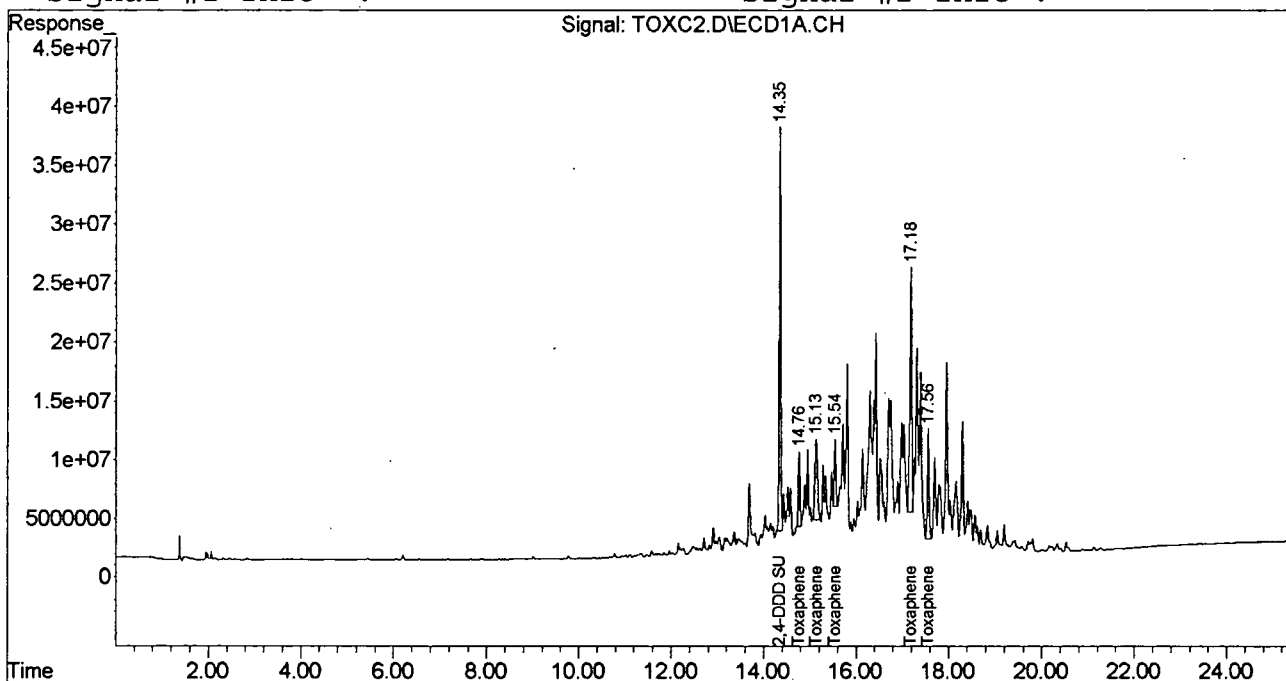
(100%)

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011224B\TOXC2.D\ECD1A.CH Vial: 7
 Signal #2 : C:\MSDCHEM\1\DATA\508\011224B\TOXC2.D\ECD2B.CH
 Acq On : 24 Dec 2001 3:34 pm Operator: Nefliu
 Sample : tox ic2 Inst : Instrume
 Misc : Multiplr: 1.00
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
 Quant Time: Dec 31 15:18 2001 Quant Results File: 011224T.RES

Quant Method : C:\MSDCHEM\1\METHODS\011224T.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides - Toxaphene
 Last Update : Wed Dec 26 10:40:08 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : MDL508.M

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



Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011224B\TOXC3.D\ECD1A.CH Vial: 8
 Signal #2 : C:\MSDCHEM\1\DATA\508\011224B\TOXC3.D\ECD2B.CH
 Acq On : 24 Dec 2001 4:03 pm Operator: Nefliu
 Sample : tox ic3 Inst : Instrume
 Misc : Multiplr: 1.00
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
 Quant Time: Dec 31 15:18:51 2001 Quant Results File: 011224T.RES

Quant Method : C:\MSDCHEM\1\METHODS\011224T.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides - Toxaphene
 Last Update : Wed Dec 26 10:40:08 2001
 Response via : Initial Calibration
 DataAcq Meth : MDL508.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
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System Monitoring Compounds

6) s	2,4-DDD SURROGAT	14.35	14.98	823.4E6	505.0E6	0.205m	0.191m
Spiked Amount		0.200		Recovery		= 102.50%	95.50%

Target Compounds

1)	Toxaphene Peak 1	14.76	15.71	307.5E6	142.0E6	6.481m	6.248m
2)	Toxaphene Peak 2	15.13	16.13	538.8E6	752.6E6	6.382m	6.773m
3)	Toxaphene Peak 3	15.54	16.29	291.5E6	242.4E6	6.023m	6.455m
4)	Toxaphene Peak 4	17.18	16.71	1256.3E6	718.0E6	6.616m	6.653m
5)	Toxaphene Peak 5	17.56	17.79	512.5E6	837.0E6	6.703m	6.691m

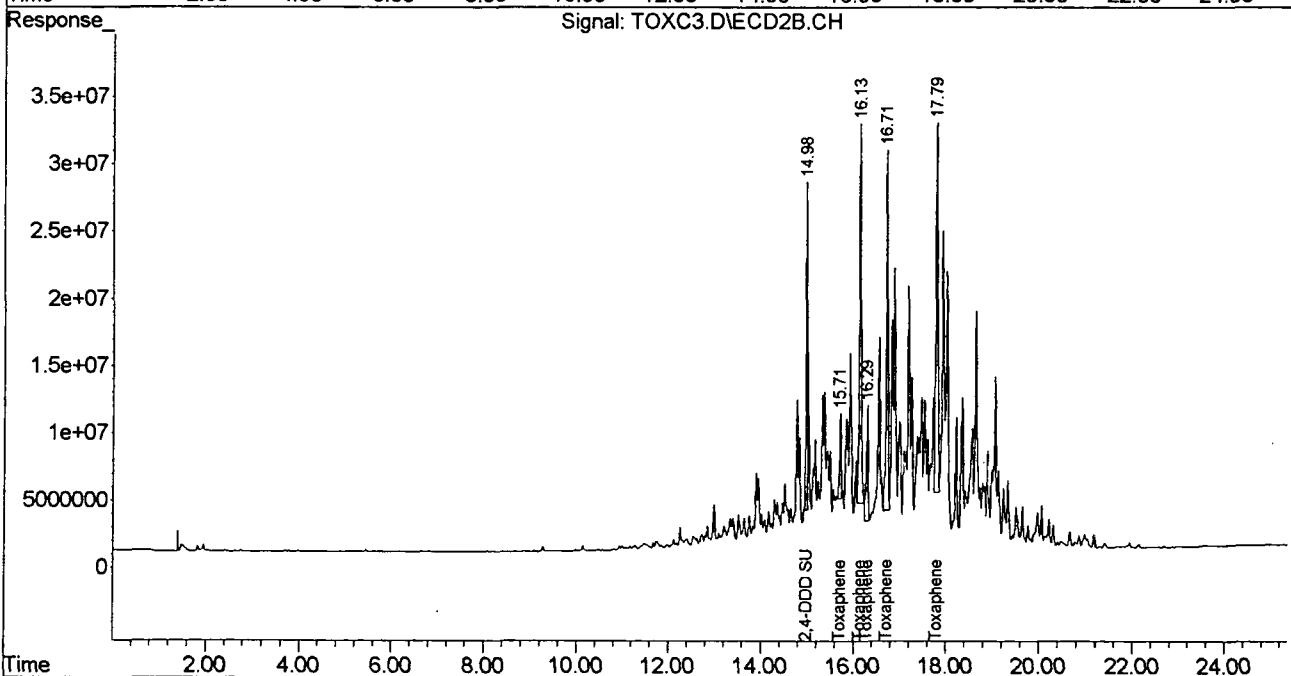
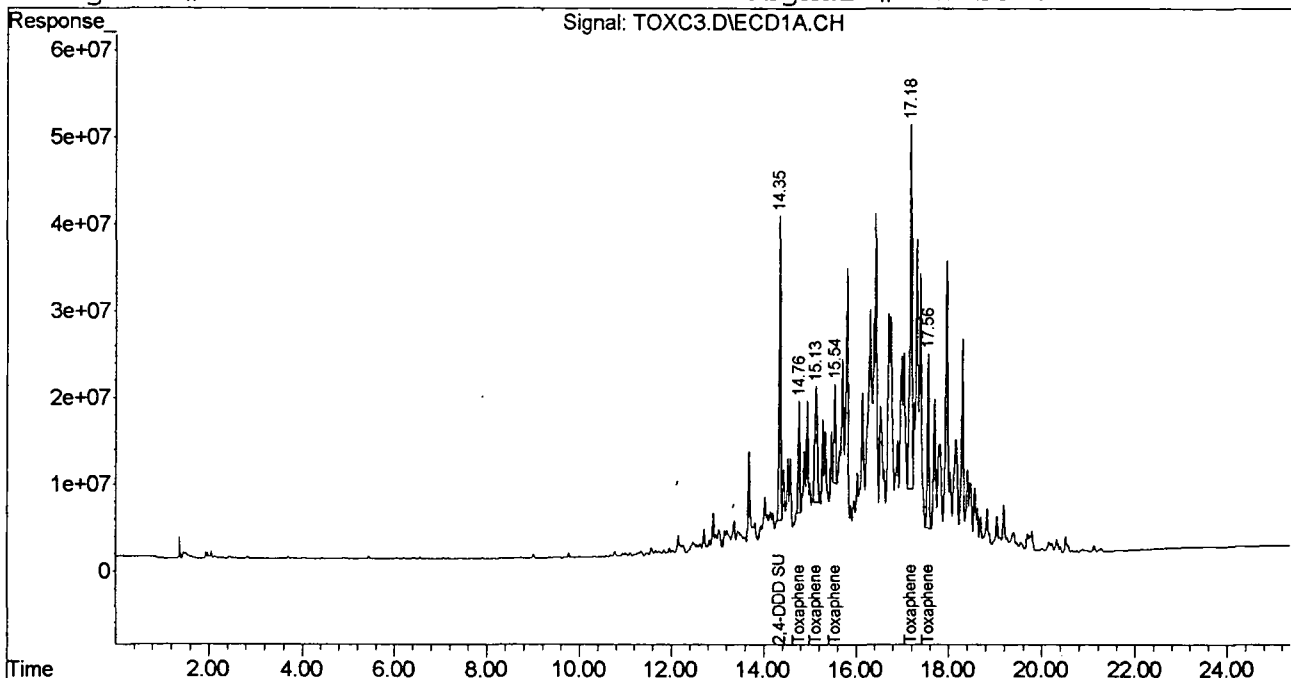
$\bar{x} = 6.4$
 (100%)

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011224B\TOXC3.D\ECD1A.CH Vial: 8
 Signal #2 : C:\MSDCHEM\1\DATA\508\011224B\TOXC3.D\ECD2B.CH
 Acq On : 24 Dec 2001 4:03 pm Operator: Nefliu
 Sample : tox ic3 Inst : Instrume
 Misc : Multiplr: 1.00
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
 Quant Time: Dec 31 15:19 2001 Quant Results File: 011224T.RES

Quant Method : C:\MSDCHEM\1\METHODS\011224T.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides - Toxaphene
 Last Update : Wed Dec 26 10:40:08 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : MDL508.M

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



Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011224B\TOXUR.D\ECD1A.CH Vial: 9
 Signal #2 : C:\MSDCHEM\1\DATA\508\011224B\TOXUR.D\ECD2B.CH
 Acq On : 24 Dec 2001 4:31 pm Operator: Nefliu
 Sample : tox uextracted ref Inst : Instrume
 Misc : Multiplr: 1.00
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
 Quant Time: Dec 31 15:19:49 2001 Quant Results File: 011224T.RES

Quant Method : C:\MSDCHEM\1\METHODS\011224T.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides - Toxaphene
 Last Update : Wed Dec 26 10:40:08 2001
 Response via : Initial Calibration
 DataAcq Meth : MDL508.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	14.35	14.98	789.5E6	449.6E6	0.197m	0.170m
Spiked Amount	0.200		Recovery	=	98.50%	85.00%
Target Compounds						
1) Toxaphene Peak 1	14.76	15.73	256.5E6	46030224	5.406m	2.026m#
2) Toxaphene Peak 2	15.15	16.13	261.9E6	534.0E6	3.102m	4.806m#
3) Toxaphene Peak 3	15.54	16.29	453.5E6	100.9E6	9.372m	2.687m#
4) Toxaphene Peak 4	17.19	16.71	473.0E6	374.4E6	2.491m	3.468m#
5) Toxaphene Peak 5	17.56	17.79	56837829	301.9E6	0.743m	2.414m#

$\bar{x} = 4.2$
 (105.1)

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011224B\TOXUR.D\ECD1A.CH Vial: 9
 Signal #2 : C:\MSDCHEM\1\DATA\508\011224B\TOXUR.D\ECD2B.CH
 Acq On : 24 Dec 2001 4:31 pm Operator: Nefliu
 Sample : tox uextracted ref Inst : Instrume
 Misc : Multiplr: 1.00
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
 Quant Time: Dec 31 15:21 2001 Quant Results File: 011224T.RES

Quant Method : C:\MSDCHEM\1\METHODS\011224T.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides - Toxaphene
 Last Update : Wed Dec 26 10:40:08 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : MDL508.M

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

