

## Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\PESTC3.D\ECD1A.CH Vial: 68  
 Signal #2 : C:\HPCHEM\1\DATA\508F\010923\PESTC3.D\ECD2B.CH  
 Acq On : 24 Sep 2001 6:33 pm Operator: Nefliu  
 Sample : pest ccv2 Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Sep 26 14:01 2001 Quant Results File: 010923P.RES

Quant Method : C:\HPCHEM\1\METHODS\010923P.M (Chemstation Integrator)  
 Title : 508 CHLORINATED PESTICIDES 9/6/00  
 Last Update : Fri Sep 21 08:05:39 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 |                  |       |       |         |         |            | TUV        |
|------------------|------------------|-------|-------|---------|---------|------------|------------|
| 1)               | PROPACHLOR       | 17.51 | 16.34 | 295252  | 334137  | 0.442 111% | 0.385 0.4  |
| 2)               | g-BHC            | 23.90 | 21.46 | 4941244 | 6964432 | 0.731 131% | 0.629 0.56 |
| 3)               | HEPTACHLOR       | 26.63 | 22.91 | 1074311 | 1612255 | 0.229 124% | 0.195 0.19 |
| 4)               | ALDRIN           | 29.16 | 25.03 | 2433127 | 2973703 | 0.314 131% | 0.265 0.24 |
| 5)               | HEPTACHLOR EPOXI | 32.95 | 30.10 | 3942830 | 5133912 | 0.605 124% | 0.506 0.48 |
| 6)               | 4,4'-DDE         | 36.29 | 33.10 | 6872877 | 9028027 | 1.020 128% | 0.860 0.8  |
| 7)               | DIELDRIN         | 36.64 | 33.79 | 1241352 | 1707804 | 0.209 131% | 0.174 0.16 |
| 8)               | ENDRIN           | 38.84 | 34.83 | 2348168 | 2883878 | 0.582 146% | 0.532 0.48 |
| 9)               | METHOXYCHLOR     | 50.93 | 42.15 | 1748451 | 2027435 | 1.027 129% | 0.893 0.8  |

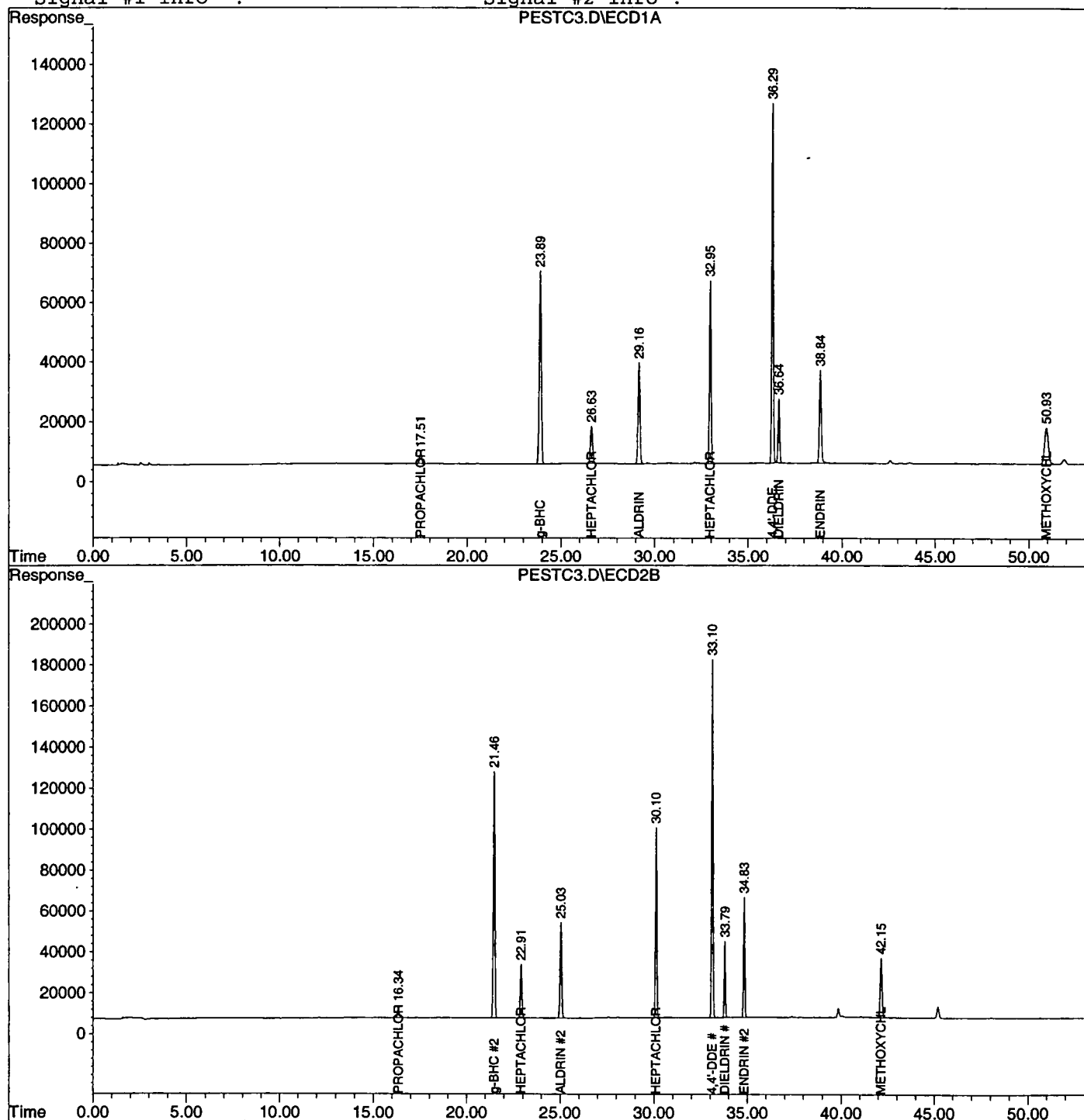
*farh  
on high side  
all samples NO  
OK  
DW*

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\PESTC3.D\ECD1A.CH Vial: 68  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\PESTC3.D\ECD2B.CH  
Acq On : 24 Sep 2001 6:33 pm Operator: Nefliu  
Sample : pest ccv2 Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 26 14:01 2001 Quant Results File: 010923P.RES

Quant Method : C:\HPCHEM\1\METHODS\010923P.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES 9/6/00  
Last Update : Fri Sep 21 08:05:39 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\010923\CHLC3.D\ECD1A.CH Vial: 70  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\CHLC3.D\ECD2B.CH  
Acq On : 24 Sep 2001 7:31 pm Operator: Nefliu  
Sample : chlordan ccv2 Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 26 14:33 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 : Wed Sep 26 14:26:00 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) | CHLORDANE PEAK 1 | 32.75 | 32.12 | 719984  | 4685465 | 4.375  | 4.747  |
| 2) | CHLORDANE PEAK 2 | 33.90 | 32.44 | 3594709 | 6507209 | 4.533m | 4.627  |
| 3) | CHLORDANE PEAK 3 | 34.83 | 36.28 | 2952356 | 1453270 | 4.075m | 4.662m |

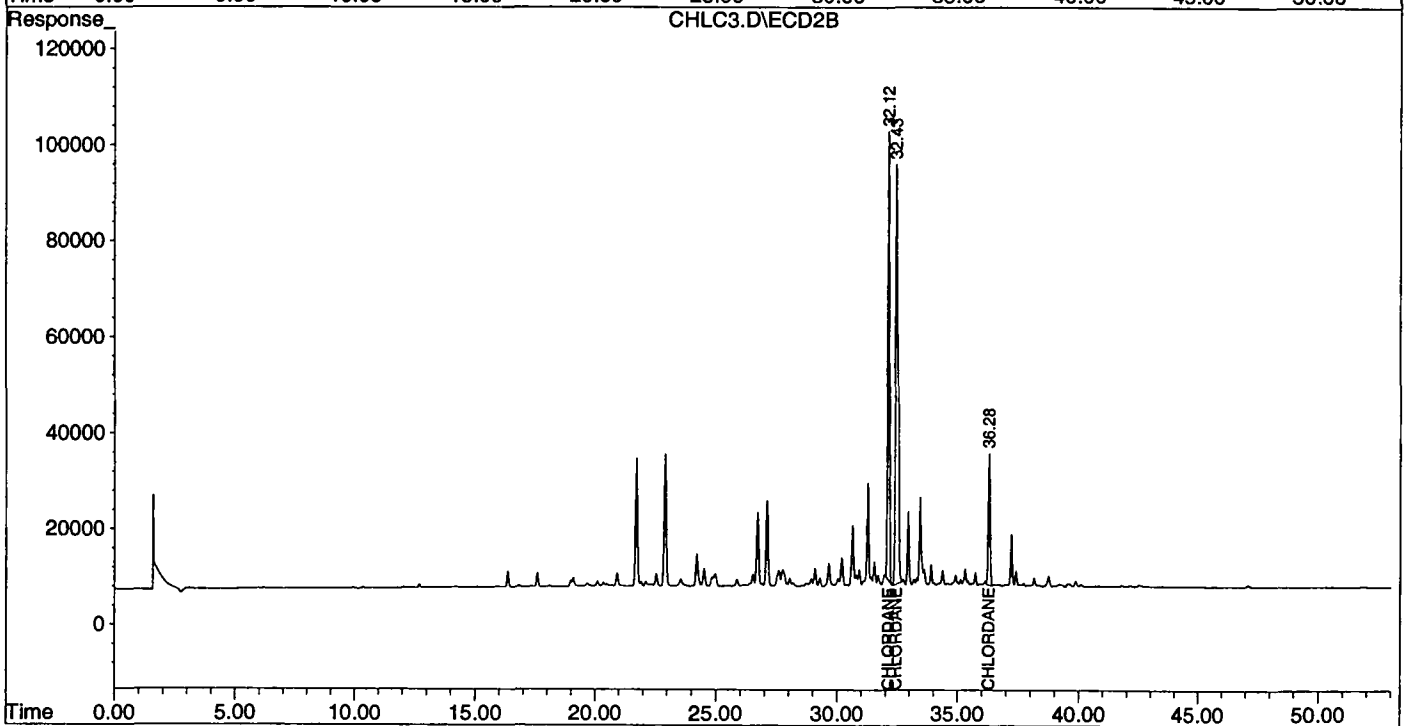
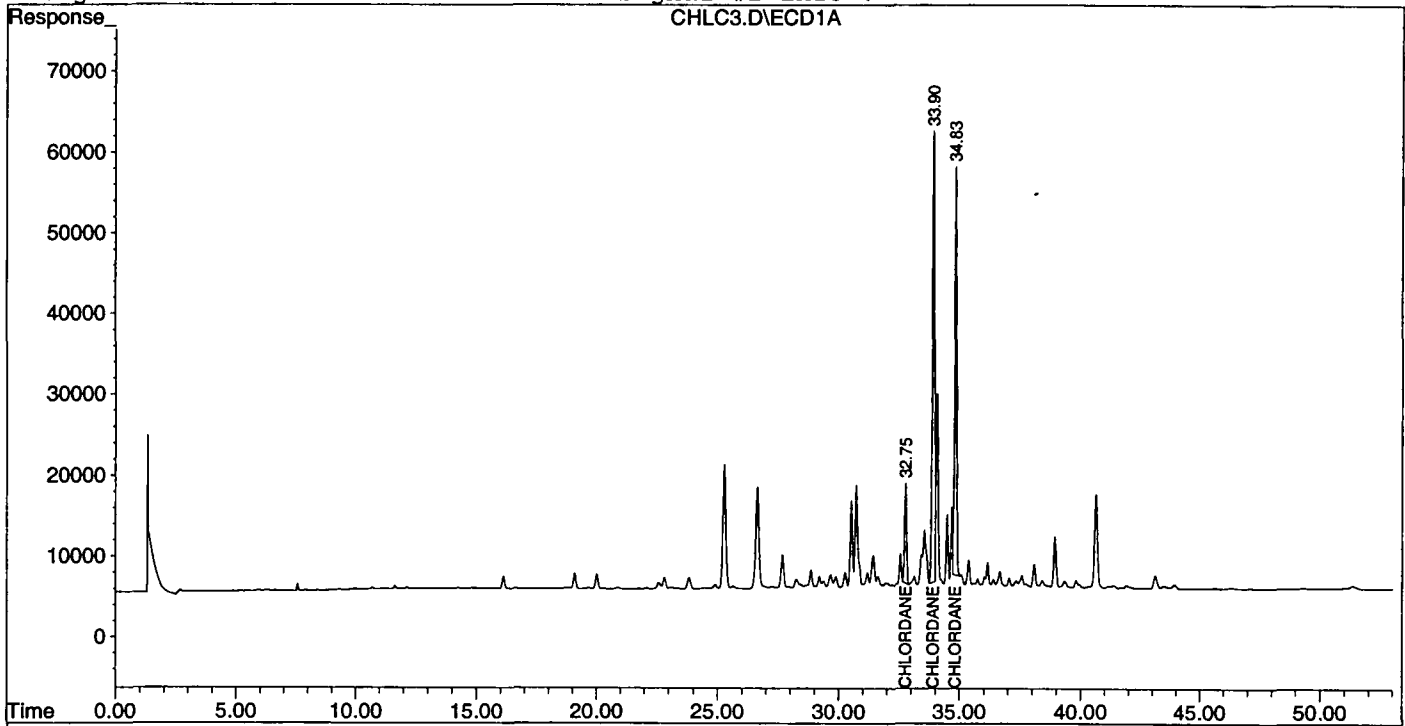
$\bar{x} = 4.3$  (TN=4)  
108%

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\CHLC3.D\ECD1A.CH Vial: 70  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\CHLC3.D\ECD2B.CH  
Acq On : 24 Sep 2001 7:31 pm Operator: Nefliu  
Sample : chlordan ccv2 Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 26 14:33 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 : Wed Sep 26 14:26:00 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\010923\TOXC1.D\ECD1A.CH Vial: 6  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\TOXC1.D\ECD2B.CH  
Acq On : 23 Sep 2001 11:30 am Operator: Nefliu  
Sample : ic tox Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 24 15:36 2001 Quant Results File: 010924T.RES

Quant Method : C:\HPCHEM\1\METHODS\010924T.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99  
Last Update : Wed Sep 05 14:19:35 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 0.200         |       |       | Recovery | =      | 0.00%  | 0.00%   |
| Target Compounds            |       |       |          |        |        |         |
| 1) TOXAPHENE PEAK 1         | 35.97 | 35.90 | 24016    | 22453  | 0.748  | 0.586m  |
| 2) TOXAPHENE PEAK 2         | 40.16 | 37.48 | 43405    | 69954  | 0.677m | 0.609m  |
| 3) TOXAPHENE PEAK 3         | 41.88 | 39.59 | 55575    | 44745  | 0.676m | 0.571   |
| 4) TOXAPHENE PEAK 4         | 47.87 | 40.78 | 122345   | 41592  | 0.673  | 0.461 # |
| 5) TOXAPHENE PEAK 5         | 47.25 | 41.90 | 94146    | 27626  | 0.715m | 0.474m# |

$\bar{x} = 0.70$

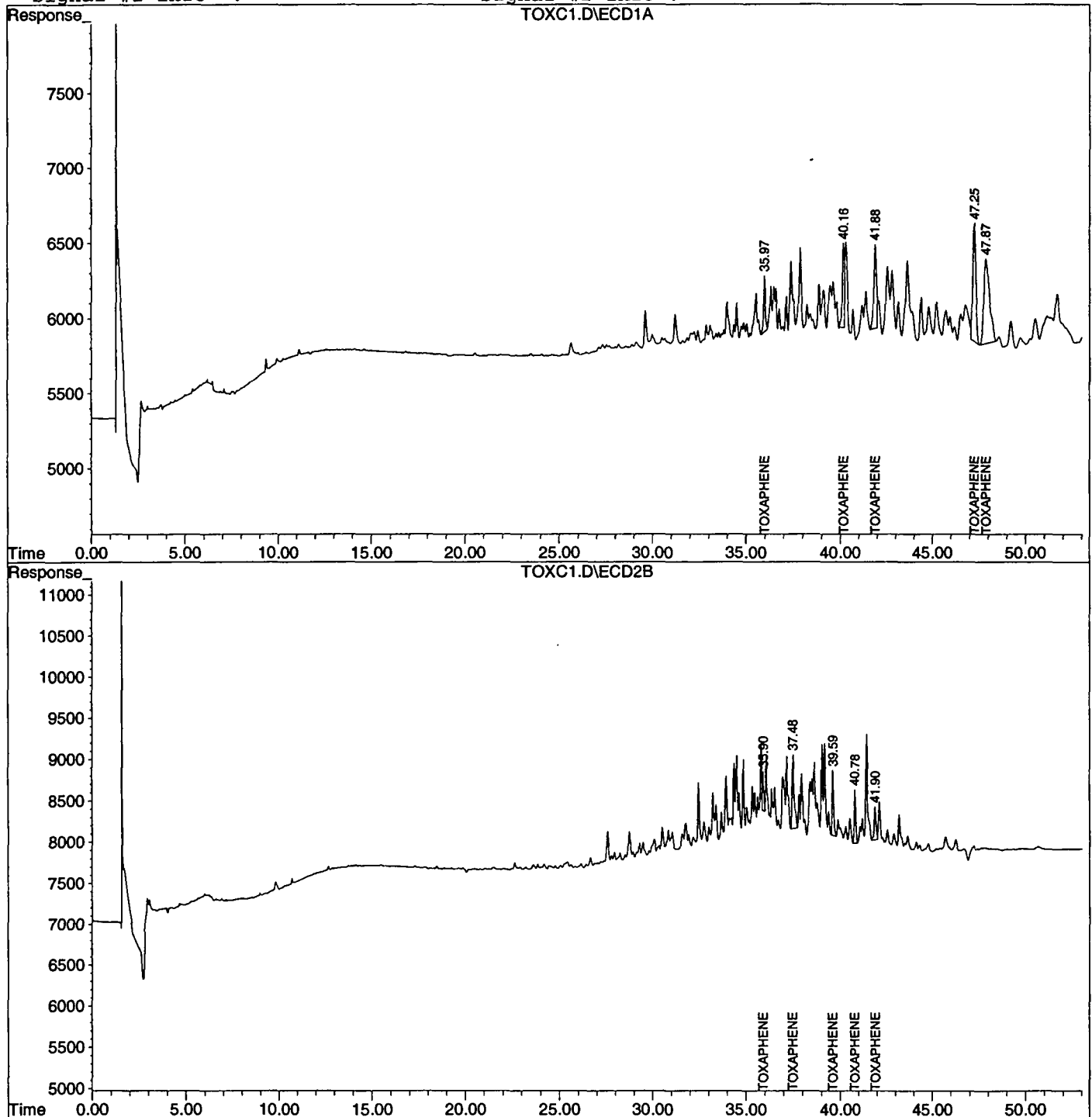
109%

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\TOXC1.D\ECD1A.CH Vial: 6  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\TOXC1.D\ECD2B.CH  
Acq On : 23 Sep 2001 11:30 am Operator: Nefliu  
Sample : ic tox Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 24 15:36 2001 Quant Results File: 010924T.RES

Quant Method : C:\HPCHEM\1\METHODS\010924T.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99  
Last Update : Wed Sep 05 14:19:35 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\010923\TOXC3.D\ECD1A.CH Vial: 10  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\TOXC3.D\ECD2B.CH  
Acq On : 23 Sep 2001 1:25 pm Operator: Nefliu  
Sample : ic tox Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 24 15:46 2001 Quant Results File: 010924T.RES

Quant Method : C:\HPCHEM\1\METHODS\010924T.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99  
Last Update : Wed Sep 05 14:19:35 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       | 37.87 | 34.85 | 350640   | 360473 | 0.090  | 0.058 # |
| Spiked Amount 0.200         |       |       | Recovery | =      | 45.00% | 29.00%  |
| Target Compounds            |       |       |          |        |        |         |
| 1) TOXAPHENE PEAK 1         | 35.97 | 35.91 | 181924   | 236600 | 5.669  | 6.180m  |
| 2) TOXAPHENE PEAK 2         | 40.15 | 37.49 | 390426   | 740562 | 6.088m | 6.443   |
| 3) TOXAPHENE PEAK 3         | 41.88 | 39.60 | 487241   | 517705 | 5.928m | 6.602   |
| 4) TOXAPHENE PEAK 4         | 47.87 | 40.78 | 1125484  | 664547 | 6.189  | 7.368   |
| 5) TOXAPHENE PEAK 5         | 47.24 | 41.90 | 792181   | 419980 | 6.018m | 7.199m  |

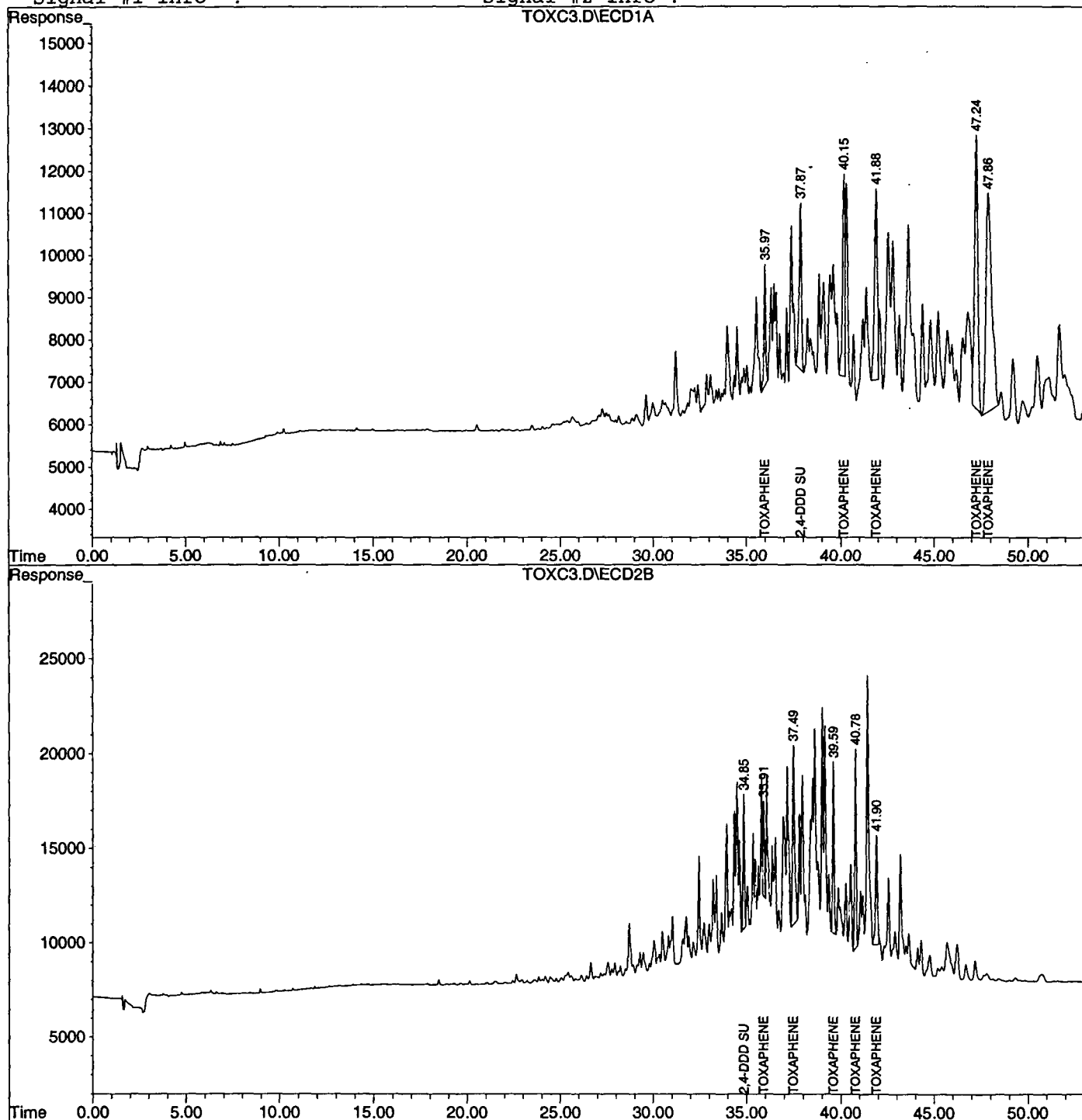
$\bar{x} = 6.0$   
94%

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\TOXC3.D\ECD1A.CH Vial: 10  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\TOXC3.D\ECD2B.CH  
Acq On : 23 Sep 2001 1:25 pm Operator: Nefliu  
Sample : ic tox Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 24 15:46 2001 Quant Results File: 010924T.RES

Quant Method : C:\HPCHEM\1\METHODS\010924T.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99  
Last Update : Wed Sep 05 14:19:35 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\010923\TOXUR.D\ECD1A.CH Vial: 12  
 Signal #2 : C:\HPCHEM\1\DATA\508F\010923\TOXUR.D\ECD2B.CH  
 Acq On : 23 Sep 2001 2:23 pm Operator: Nefliu  
 Sample : unex ref Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Sep 24 15:47 2001 Quant Results File: 010924T.RES

Quant Method : C:\HPCHEM\1\METHODS\010924T.M (Chemstation Integrator)  
 Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99  
 Last Update : Wed Sep 05 14:19:35 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       | 37.37f | 34.50 | 123890   | 256728 | 0.032  | 0.041 # |
| Spiked Amount               | 0.200  |       | Recovery | =      | 16.00% | 20.50%  |
| Target Compounds            |        |       |          |        |        |         |
| 1) TOXAPHENE PEAK 1         | 35.98  | 35.91 | 118760   | 176935 | 3.701  | 4.622m  |
| 2) TOXAPHENE PEAK 2         | 40.16  | 37.48 | 299038   | 493244 | 4.663m | 4.291m  |
| 3) TOXAPHENE PEAK 3         | 41.89  | 39.60 | 303608   | 267291 | 3.694m | 3.409   |
| 4) TOXAPHENE PEAK 4         | 47.85  | 40.79 | 265678   | 217667 | 1.461m | 2.413 # |
| 5) TOXAPHENE PEAK 5         | 47.26  | 41.90 | 421639   | 181291 | 3.203m | 3.107m  |

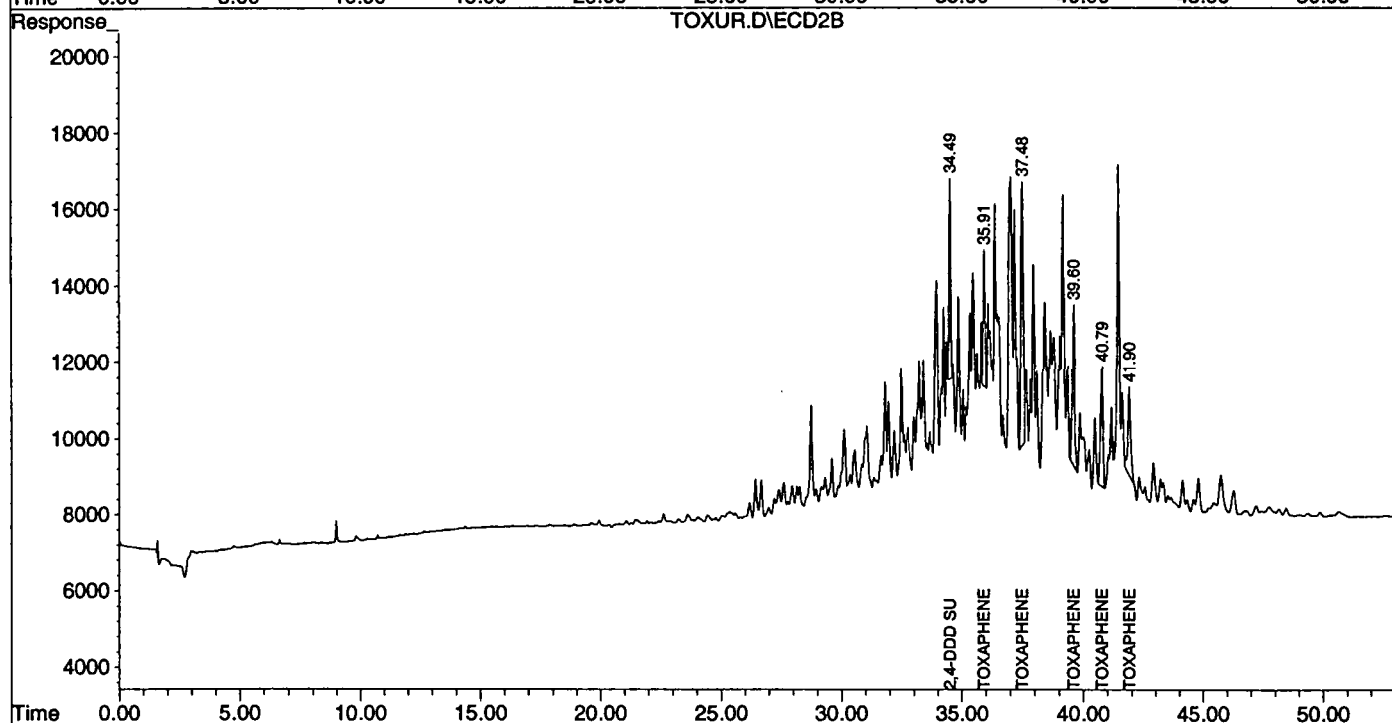
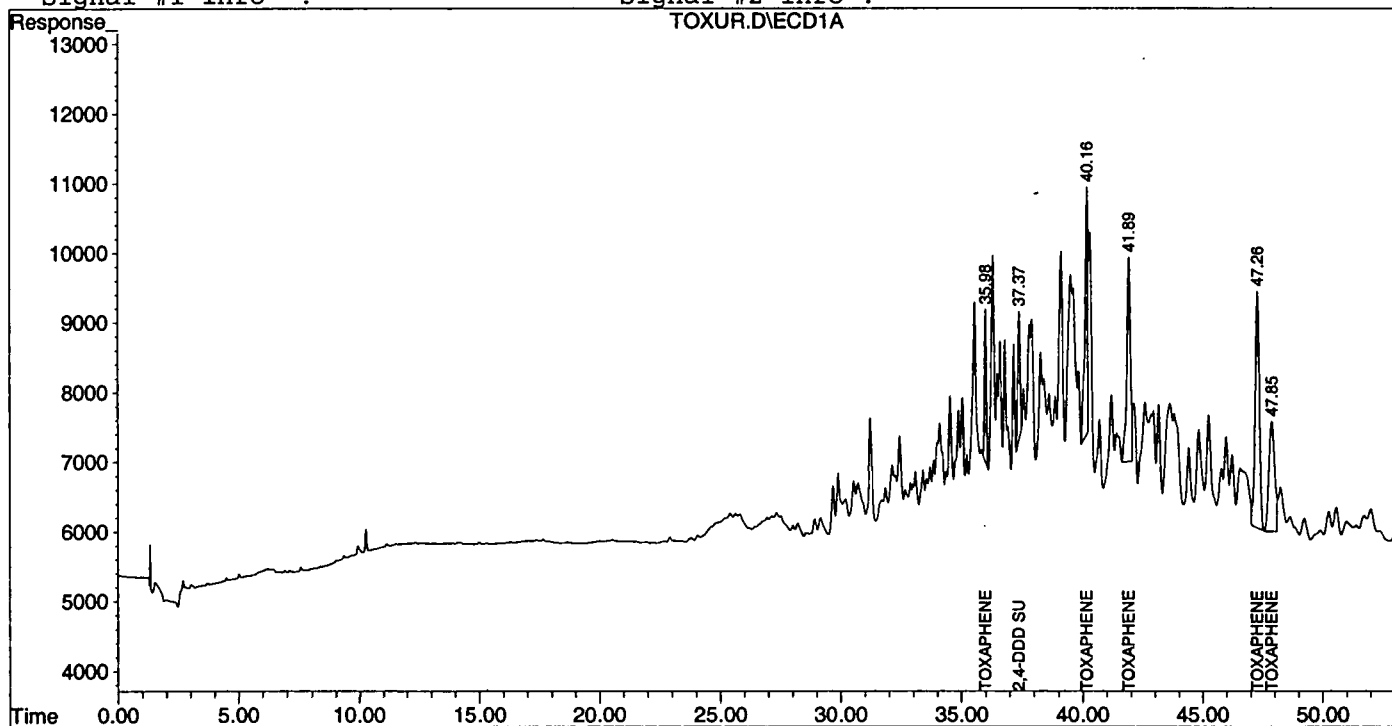
*Handwritten:*  
 $\bar{x} = 33$   
 103%

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\TOXUR.D\ECD1A.CH Vial: 12  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\TOXUR.D\ECD2B.CH  
Acq On : 23 Sep 2001 2:23 pm Operator: Nefliu  
Sample : unex ref Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 24 15:47 2001 Quant Results File: 010924T.RES

Quant Method : C:\HPCHEM\1\METHODS\010924T.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99  
Last Update : Wed Sep 05 14:19:35 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\010924T.M (Chemstation Integrator)  
 Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99  
 Last Update : Wed Sep 05 14:19:35 2001

## Calibration Files

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

| Compound |                   | 2     | 3     | 1     | Avg   |    | %RSD  |
|----------|-------------------|-------|-------|-------|-------|----|-------|
| 1)       | TOXAPHENE PEAK 1  | 3.031 | 2.843 | 3.752 | 3.209 | E4 | 14.96 |
| 2)       | TOXAPHENE PEAK 2  | 6.056 | 5.846 | 7.336 | 6.413 | E4 | 12.57 |
| 3)       | TOXAPHENE PEAK 3  | 7.590 | 7.862 | 9.205 | 8.219 | E4 | 10.52 |
| 4)       | TOXAPHENE PEAK 4  | 1.786 | 1.759 | 1.912 | 1.819 | E5 | 4.49  |
| 5)       | TOXAPHENE PEAK 5  | 1.257 | 1.203 | 1.489 | 1.316 | E5 | 11.54 |
| 6) S     | 2,4-DDD SURROGATE | 3.899 |       |       | 3.899 | 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  | 3.929 | 3.808 | 3.748 | 3.828 | E4 | 2.40  |
| 2)       | TOXAPHENE PEAK 2  | 1.187 | 1.157 | 1.104 | 1.149 | E5 | 3.66  |
| 3)       | TOXAPHENE PEAK 3  | 8.443 | 8.089 | 6.991 | 7.841 | E4 | 9.65  |
| 4)       | TOXAPHENE PEAK 4  | 1.018 | 1.038 | 0.650 | 0.902 | E5 | 24.23 |
| 5)       | TOXAPHENE PEAK 5  | 6.436 | 6.461 | 4.605 | 5.834 | E4 | 18.24 |
| 6) S     | 2,4-DDD SURROGATE | 6.241 |       |       | 6.241 | E6 | 0.00  |

## Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\2TOXC2.D\ECD1A.CH Vial: 66  
 Signal #2 : C:\HPCHEM\1\DATA\508F\010923\2TOXC2.D\ECD2B.CH  
 Acq On : 24 Sep 2001 5:36 pm Operator: Nefliu  
 Sample : toxaphene ccv Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Sep 26 14:04 2001 Quant Results File: 010924T.RES

Quant Method : C:\HPCHEM\1\METHODS\010924T.M (Chemstation Integrator)  
 Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99  
 Last Update : Wed Sep 05 14:19:35 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       | 37.76 | 34.68 | 877965   | 1241475 | 0.225m  | 0.199  |
| Spiked Amount               | 0.200 |       | Recovery | =       | 112.50% | 99.50% |
| Target Compounds            |       |       |          |         |         |        |
| 1) TOXAPHENE PEAK 1         | 35.98 | 35.92 | 103394   | 112475  | 3.222   | 2.938m |
| 2) TOXAPHENE PEAK 2         | 40.18 | 37.50 | 217294   | 355135  | 3.388m  | 3.090m |
| 3) TOXAPHENE PEAK 3         | 41.91 | 39.62 | 268115   | 236834  | 3.262m  | 3.020  |
| 4) TOXAPHENE PEAK 4         | 47.90 | 40.80 | 618056   | 245518  | 3.398   | 2.722  |
| 5) TOXAPHENE PEAK 5         | 47.27 | 41.92 | 433430   | 209479  | 3.292m  | 3.591m |

*X=2.3*  
*(103%)*

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\2TOXC2.D\ECD1A.CH Vial: 66  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\2TOXC2.D\ECD2B.CH  
Acq On : 24 Sep 2001 5:36 pm Operator: Nefliu  
Sample : toxaphene ccv Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 26 14:04 2001 Quant Results File: 010924T.RES

Quant Method : C:\HPCHEM\1\METHODS\010924T.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99  
Last Update : Wed Sep 05 14:19:35 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : 508F.M

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

