

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 09/27/2001 Time: 11:09:56

Sample: AD22542  
Analysis: SC1508 Organochlorine Pesticides Calibration  
Units: ug  
Started: 9/17/01 11:07 Ended: 9/24/01 11:07 Analyst: MN  
Page: 1

|    | Component Name     | Viol. | Result | Qualifier | MDL   |
|----|--------------------|-------|--------|-----------|-------|
| 1  | Propachlor         |       | 0.047  |           | 0.040 |
| 2  | Undane             |       | 0.057  |           | 0.030 |
| 3  | Heptachlor         |       | 0.022  |           | 0.020 |
| 4  | Aldrin             |       | 0.024  |           | 0.010 |
| 5  | Heptachlor Epoxide |       | 0.050  |           | 0.030 |
| 6  | 4,4-DDE            |       | 0.079  |           | 0.080 |
| 7  | Dieldrin           |       | 0.017  |           | 0.016 |
| 8  | Endrin             |       | 0.040  |           | 0.020 |
| 9  | Methoxychlor       |       | 0.092  |           | 0.039 |
| 10 | Chlordane          |       | 0.37   |           | 0.40  |
| 11 | Toxaphene          |       | 3.0    |           | 0.40  |
| 12 | PCB's              |       | 0.20   |           | 0.20  |
| 13 | Surr_2,4-DDD       |       | 0.20   |           |       |

## Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\PEST1.D\ECD1A.CH Vial: 14  
 Signal #2 : C:\HPCHEM\1\DATA\508F\010923\PEST1.D\ECD2B.CH  
 Acq On : 23 Sep 2001 3:21 pm Operator: Nefliu  
 Sample : pest ccv1 Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Sep 24 15:26 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

|    |                  |       |       |        |        |             |       |
|----|------------------|-------|-------|--------|--------|-------------|-------|
| 1) | PROPACHLOR       | 17.50 | 16.33 | 31414  | 37519  | 0.047m 118% | 0.043 |
| 2) | g-BHC            | 23.89 | 21.45 | 387705 | 567301 | 0.057 102%  | 0.051 |
| 3) | HEPTACHLOR       | 26.62 | 22.90 | 104530 | 154475 | 0.022 116%  | 0.019 |
| 4) | ALDRIN           | 29.14 | 25.01 | 183645 | 256519 | 0.024 100%  | 0.023 |
| 5) | HEPTACHLOR EPOXI | 32.94 | 30.09 | 325205 | 479317 | 0.050 104%  | 0.047 |
| 6) | 4,4'-DDE         | 36.29 | 33.08 | 529798 | 769957 | 0.079 97%   | 0.073 |
| 7) | DIELDRIN         | 36.63 | 33.78 | 99183  | 155317 | 0.017 106%  | 0.016 |
| 8) | ENDRIN           | 38.82 | 34.82 | 161832 | 215507 | 0.040 106%  | 0.040 |
| 9) | METHOXYCHLOR     | 50.89 | 42.13 | 157380 | 165697 | 0.092 115%  | 0.073 |

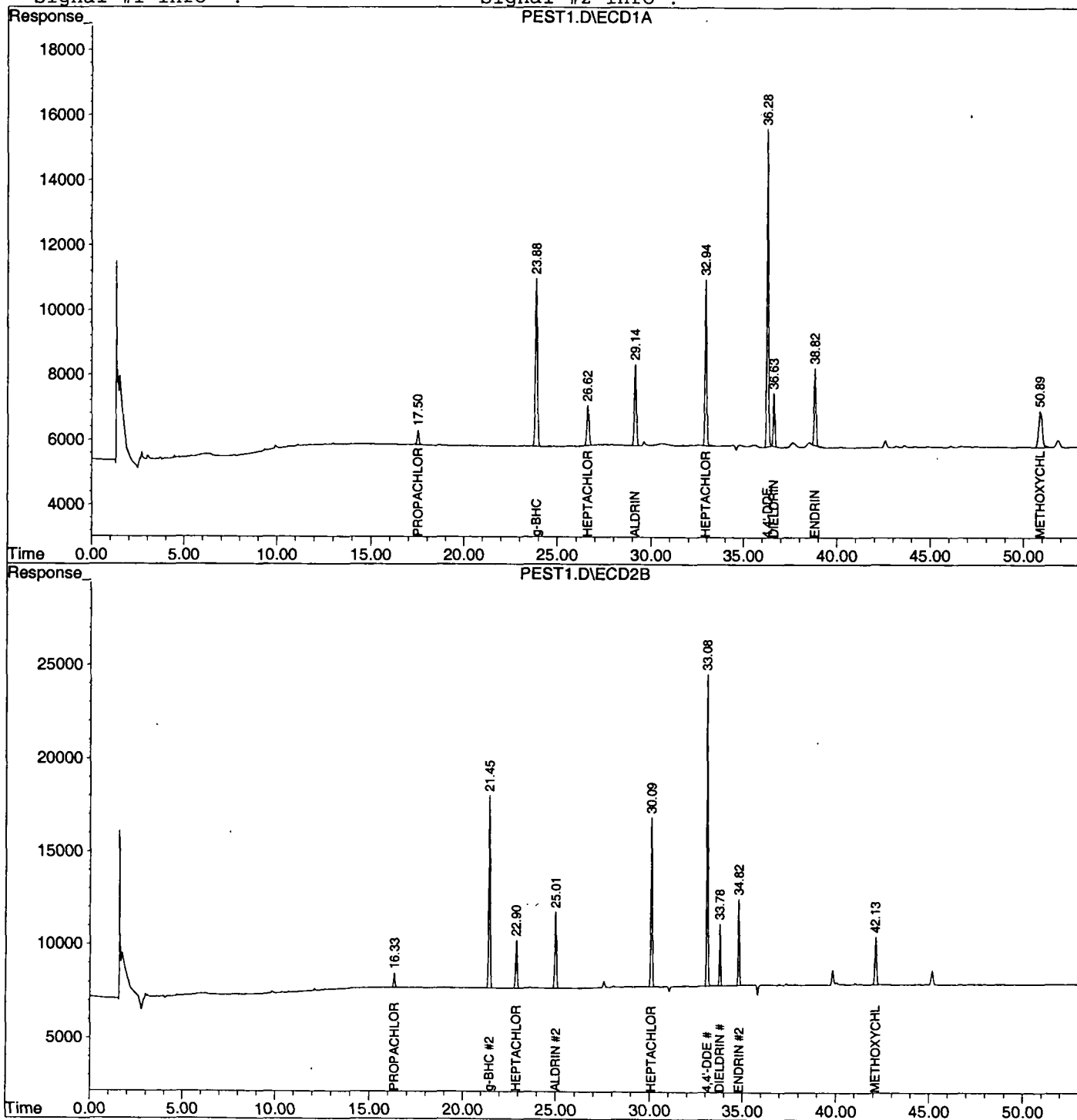
T.V.  
 0.04  
 0.056  
 0.019  
 0.024  
 0.048  
 0.08  
 0.016  
 0.04  
 0.08

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\PEST1.D\ECD1A.CH Vial: 14  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\PEST1.D\ECD2B.CH  
Acq On : 23 Sep 2001 3:21 pm Operator: Nefliu  
Sample : pest ccv1 Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 24 15:26 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 #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\CHL1.D\ECD1A.CH Vial: 16  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\CHL1.D\ECD2B.CH  
Acq On : 23 Sep 2001 4:19 pm Operator: Nefliu  
Sample : chlordan ccv1 Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 24 15:28 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 : Tue Aug 14 12:03:20 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 | 32.74 | 32.11 | 68007  | 399260 | 0.413  | 0.404 |
| 2) | CHLORDANE PEAK 2 | 33.89 | 32.42 | 283431 | 584752 | 0.357m | 0.416 |
| 3) | CHLORDANE PEAK 3 | 34.82 | 36.27 | 252445 | 122393 | 0.348m | 0.393 |

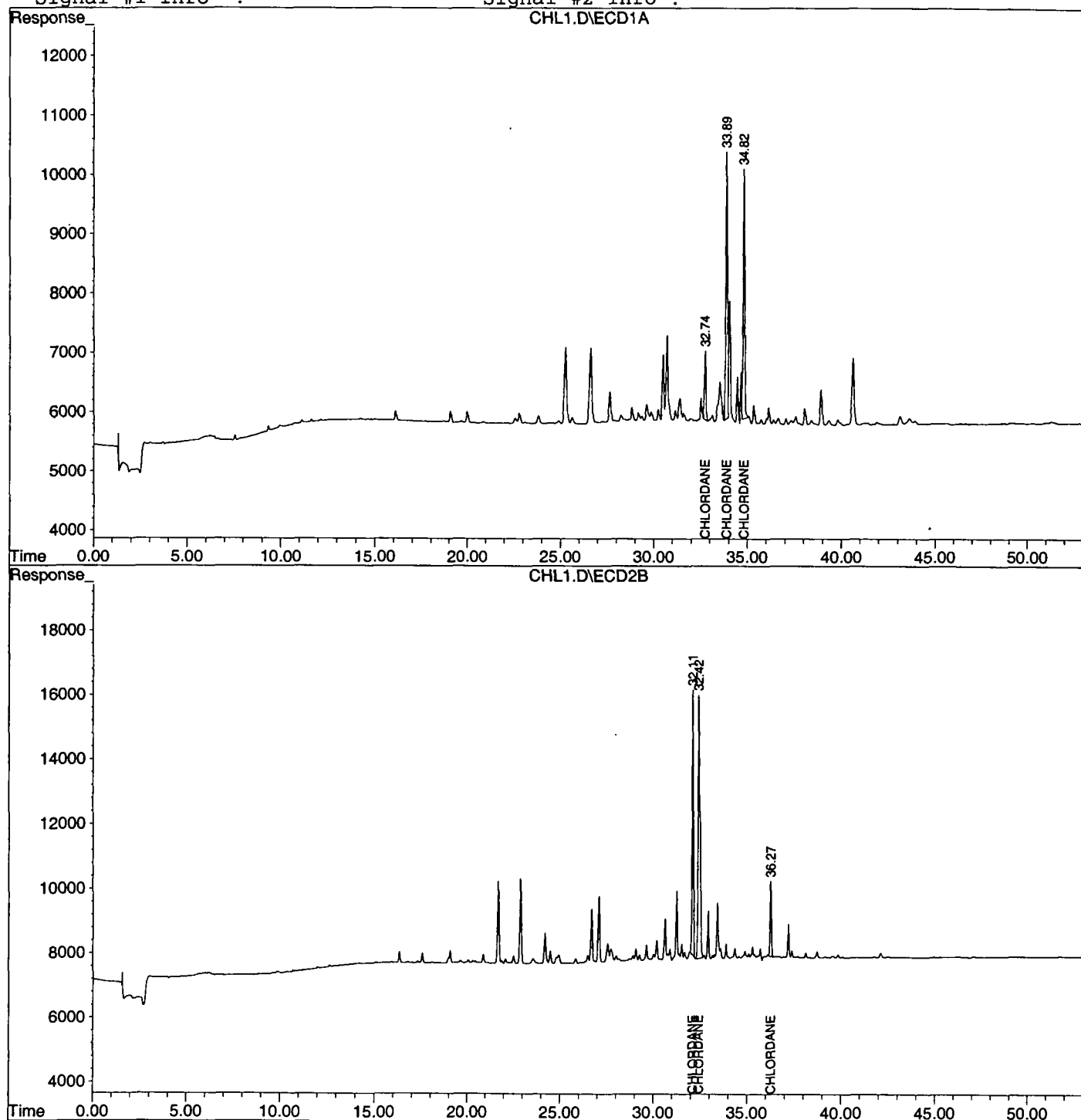
$\bar{x} = 0.37$  (T.V = 0.4)  
93/

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\CHL1.D\ECD1A.CH Vial: 16  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\CHL1.D\ECD2B.CH  
Acq On : 23 Sep 2001 4:19 pm Operator: Nefliu  
Sample : chlordan ccv1 Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 24 15:28 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 : Tue Aug 14 12:03:20 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\TOXC2.D\ECD1A.CH Vial: 8  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\TOXC2.D\ECD2B.CH  
Acq On : 23 Sep 2001 12:27 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 15:45 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       | 37.74 | 34.67 | 782418   | 1248241 | 0.201m  | 0.200   |
| Spiked Amount               | 0.200 |       | Recovery | =       | 100.50% | 100.00% |
| Target Compounds            |       |       |          |         |         |         |
| 1) TOXAPHENE PEAK 1         | 35.97 | 35.91 | 97006    | 128972  | 3.023   | 3.369m  |
| 2) TOXAPHENE PEAK 2         | 40.16 | 37.49 | 186915   | 386421  | 2.915m  | 3.362m  |
| 3) TOXAPHENE PEAK 3         | 41.88 | 39.59 | 248329   | 270177  | 3.021m  | 3.446   |
| 4) TOXAPHENE PEAK 4         | 47.86 | 40.78 | 571451   | 325627  | 3.142   | 3.610   |
| 5) TOXAPHENE PEAK 5         | 47.24 | 41.90 | 414375   | 207632  | 3.148m  | 3.559m  |

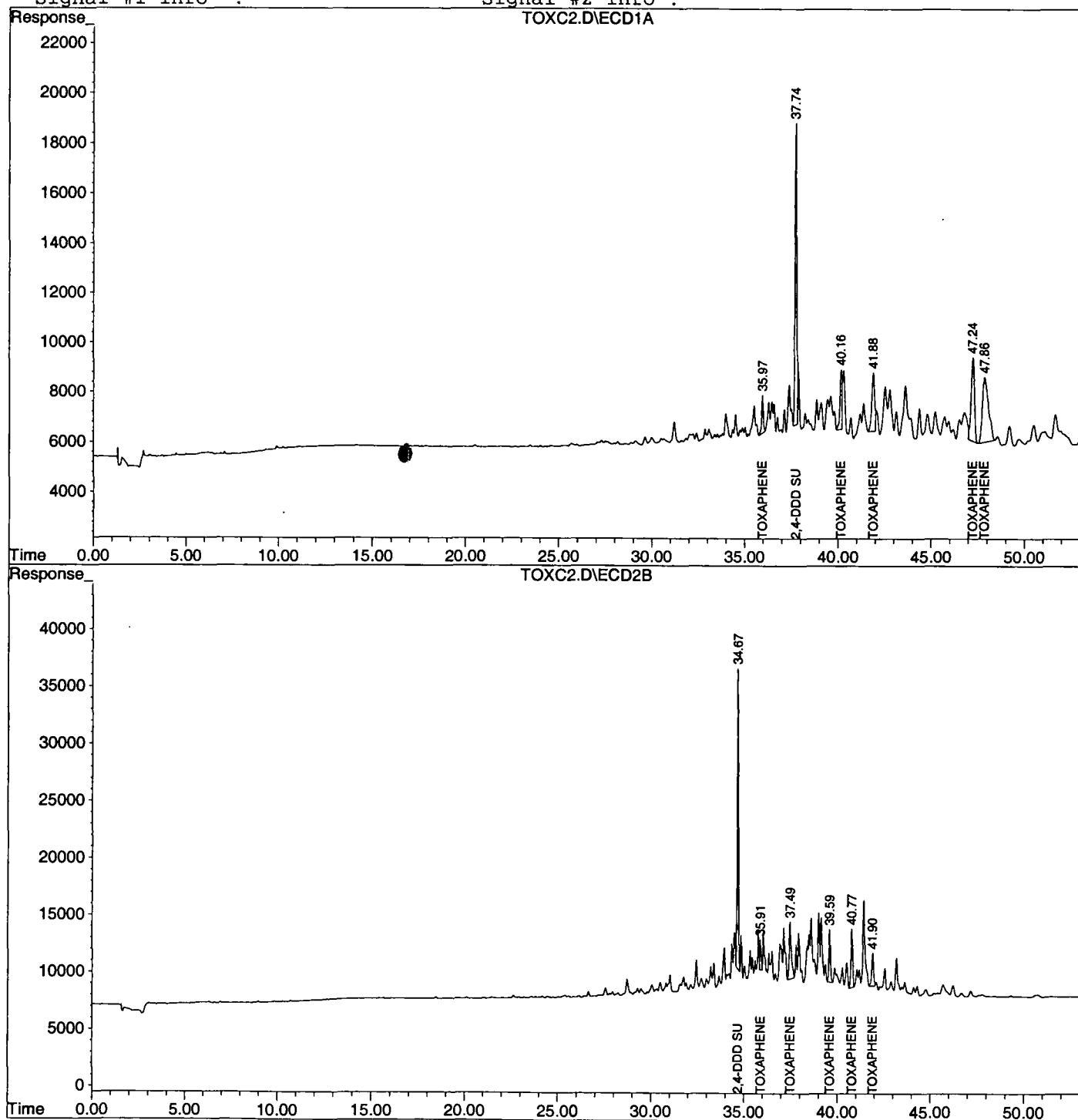
$\bar{x} = 3.0$   
94%

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\TOXC2.D\ECD1A.CH Vial: 8  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\TOXC2.D\ECD2B.CH  
Acq On : 23 Sep 2001 12:27 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 15:45 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\1242C2.D\ECD1A.CH Vial: 18  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\1242C2.D\ECD2B.CH  
Acq On : 23 Sep 2001 5:17 pm Operator: Nefliu  
Sample : 1242 c2 Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 26 14:43 2001 Quant Results File: PCB1242.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1242.M (Chemstation Integrator)  
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99  
Last Update : Wed Sep 26 14:42:45 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

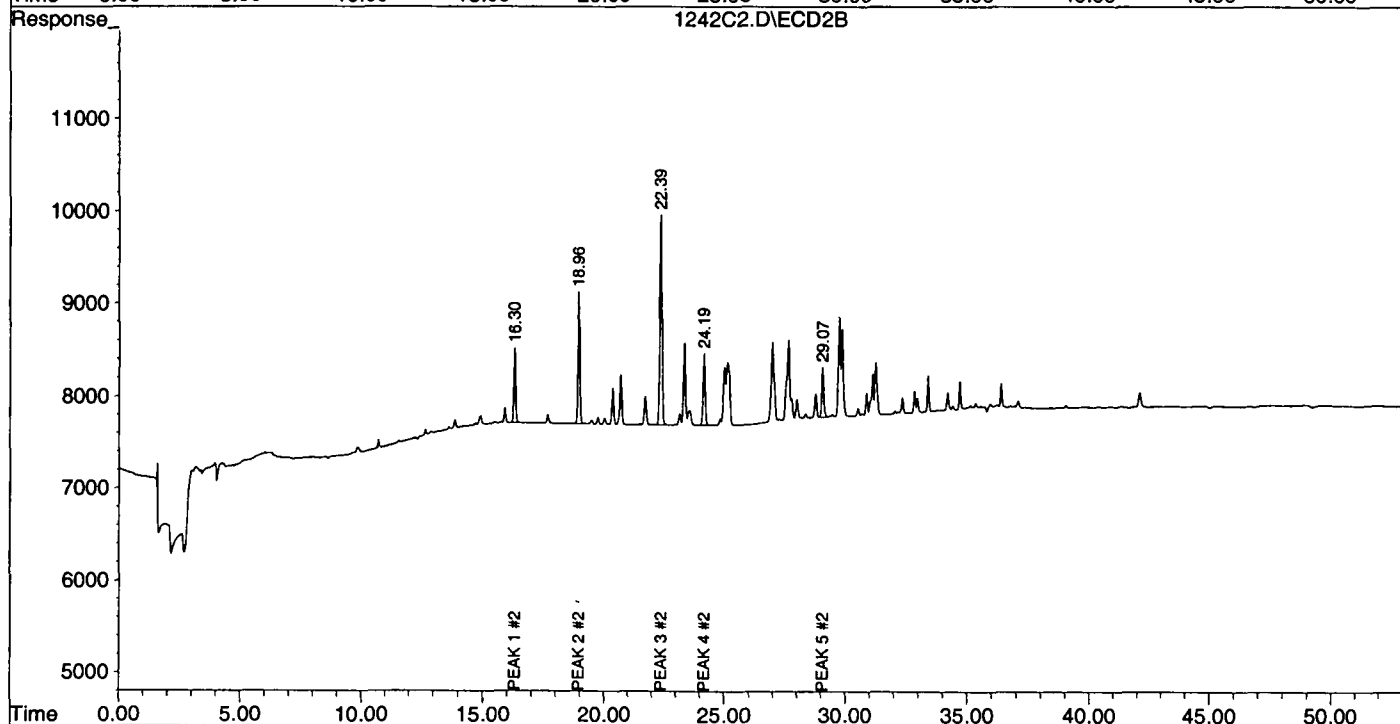
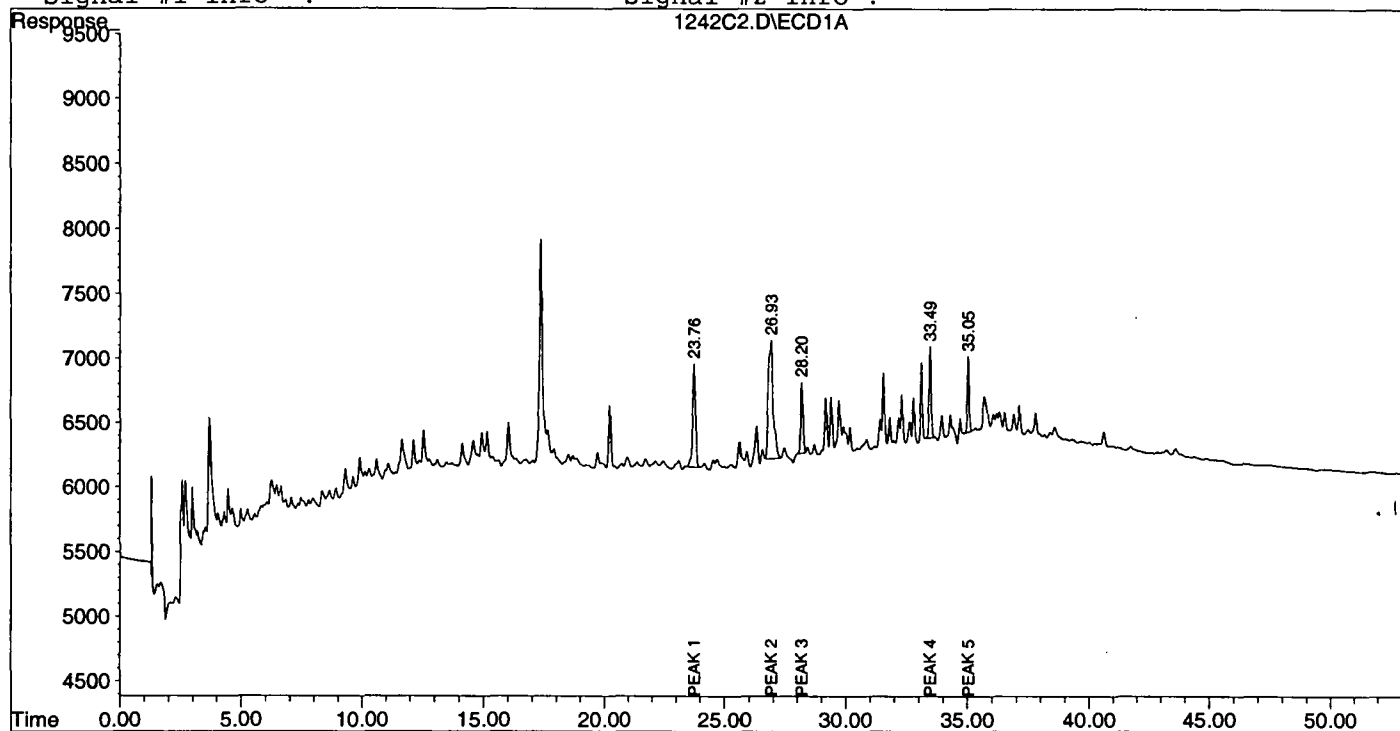
|    |        |       |       |        |        |        |       |
|----|--------|-------|-------|--------|--------|--------|-------|
| 1) | PEAK 1 | 23.76 | 16.31 | 70347  | 41466  | 0.200  | 0.200 |
| 2) | PEAK 2 | 26.93 | 18.96 | 132619 | 81793  | 0.200  | 0.200 |
| 3) | PEAK 3 | 28.20 | 22.39 | 38094  | 147014 | 0.201m | 0.200 |
| 4) | PEAK 4 | 33.49 | 24.19 | 42446  | 48956  | 0.200  | 0.200 |
| 5) | PEAK 5 | 35.06 | 29.07 | 32513  | 31173  | 0.200  | 0.200 |

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\1242C2.D\ECD1A.CH Vial: 18  
 Signal #2 : C:\HPCHEM\1\DATA\508F\010923\1242C2.D\ECD2B.CH  
 Acq On : 23 Sep 2001 5:17 pm Operator: Nefliu  
 Sample : 1242 c2 Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Sep 26 14:43 2001 Quant Results File: PCB1242.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1242.M (Chemstation Integrator)  
 Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99  
 Last Update : Wed Sep 26 14:42:45 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\1248C2.D\ECD1A.CH Vial: 20  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\1248C2.D\ECD2B.CH  
Acq On : 23 Sep 2001 6:14 pm Operator: Nefliu  
Sample : 1248 c2 Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 27 8:46 2001 Quant Results File: PCB1248.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1248.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES 4/23/99  
Last Update : Wed Sep 26 16:30:46 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 | 31.56 | 23.37 | 63399 | 27229  | 0.202m | 0.200  |
| 2) | PEAK 2 | 33.13 | 27.66 | 74926 | 106185 | 0.200  | 0.201m |
| 3) | PEAK 3 | 33.49 | 28.02 | 80800 | 6469   | 0.200  | 0.209m |
| 4) | PEAK 4 | 35.06 | 29.75 | 63167 | 115453 | 0.200  | 0.209m |
| 5) | PEAK 5 | 37.14 | 33.41 | 35802 | 48401  | 0.200  | 0.200  |

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\1248C2.D\ECD1A.CH Vial: 20  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\1248C2.D\ECD2B.CH  
Acq On : 23 Sep 2001 6:14 pm Operator: Nefliu  
Sample : 1248 c2 Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 27 8:46 2001 Quant Results File: PCB1248.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1248.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES 4/23/99  
Last Update : Wed Sep 26 16:30:46 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : 508F.M

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

