

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 10/09/2001 Time: 14:44:24

Sample: AD22979  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 9/21/01 14:31 Ended: 9/30/01 14:31 Analyst: MN  
Result source: manual entry  
Page: 1

|    | Component Name     | Viol | Result | Qualifier | MDL   |
|----|--------------------|------|--------|-----------|-------|
| 1  | Propachlor         |      | < MDL  |           | 0.040 |
| 2  | Lindane            |      | < MDL  |           | 0.030 |
| 3  | Heptachlor         |      | < MDL  |           | 0.020 |
| 4  | Aldrin             |      | < MDL  |           | 0.010 |
| 5  | Heptachlor Epoxide |      | < MDL  |           | 0.030 |
| 6  | 4,4-DDE            |      | < MDL  |           | 0.080 |
| 7  | Dieldrin           |      | < MDL  |           | 0.016 |
| 8  | Endrin             |      | < MDL  |           | 0.020 |
| 9  | Methoxychlor       |      | < MDL  |           | 0.039 |
| 10 | Chlordane          |      | < MDL  |           | 0.40  |
| 11 | Toxaphene          |      | < MDL  |           | 0.40  |
| 12 | PCB's              |      | < MDL  |           | 0.20  |
| 13 | Surr_2,4-DDD       |      | 0.089  |           |       |

## QUANTITATION REPORT (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD1A.CH Vial: 36  
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD2B.CH  
 Acq On : 1 Oct 2001 7:51 pm Operator: Nefliu  
 Sample : sample Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Oct 9 10:42 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    |
|-----------------------------|--------|--------|----------|--------|--------|---------|
| -----                       |        |        |          |        |        |         |
| System Monitoring Compounds |        |        |          |        |        |         |
| 10) S 2,4-DDD SURROGAT      | 37.60  | 34.65  | 407404   | 562036 | 0.089  | 0.099   |
| Spiked Amount               | 0.100  |        | Recovery | =      | 89.00% | 99.00%  |
| Target Compounds            |        |        |          |        |        |         |
| 1) PROPACHLOR               | 0.00   | 16.21  | 0        | 4593   | N.D. d | 0.006   |
| 2) g-BHC                    | 23.80  | 21.25  | 4327     | 1389   | 0.001  | 0.000 # |
| 3) HEPTACHLOR               | 26.88f | 22.56f | 997      | 1893   | 0.000  | 0.000 # |
| 4) ALDRIN                   | 29.18  | 24.85  | 5289     | 1997   | 0.001  | 0.000 # |
| 5) HEPTACHLOR EPOXI         | 0.00   | 29.97  | 0        | 1582   | N.D.   | 0.000 # |
| 6) 4,4'-DDE                 | 36.07  | 33.05  | 14095    | 1782   | 0.002  | 0.000 # |
| 7) DIELDRIN                 | 36.57  | 33.79  | 21985    | 525    | 0.003  | 0.000 # |
| 8) ENDRIN                   | 38.72  | 0.00   | 2088     | 0      | 0.000  | N.D. d# |
| 9) METHOXYCHLOR             | 0.00   | 42.10  | 0        | 366615 | N.D.   | 0.152 # |

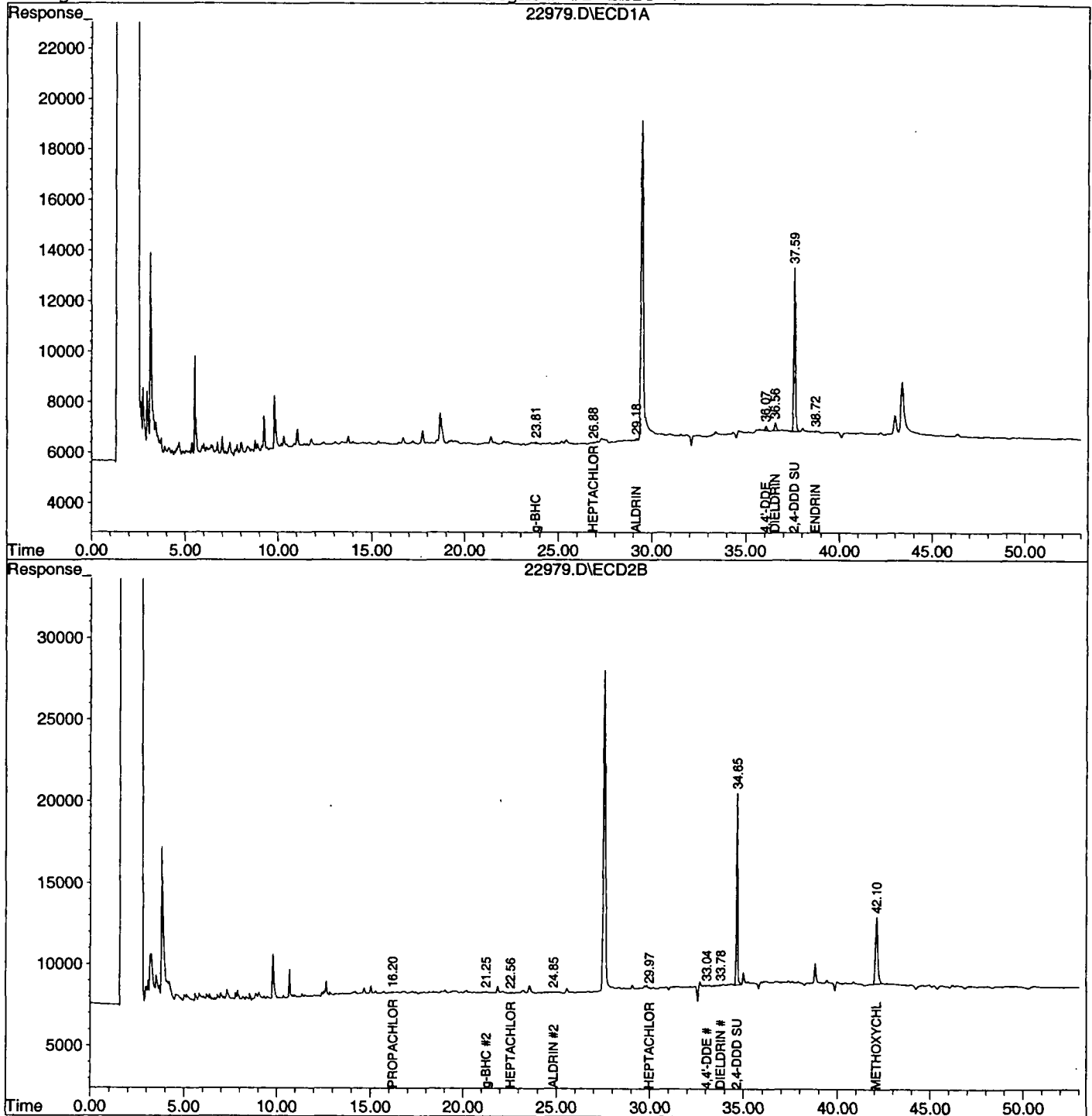
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 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 22979.D 010930P.M Tue Oct 09 10:42:55 2001

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD1A.CH Vial: 36  
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD2B.CH  
Acq On : 1 Oct 2001 7:51 pm Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Oct 9 10:42 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 #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD1A.CH Vial: 36  
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD2B.CH  
Acq On : 1 Oct 2001 7:51 pm Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Oct 9 11:25 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    |
|-----------------------------|-------|--------|----------|--------|--------|---------|
| -----                       |       |        |          |        |        |         |
| System Monitoring Compounds |       |        |          |        |        |         |
| 4) s 2,4-DDD SURROGAT       | 37.59 | 34.65  | 408709   | 562229 | 0.090m | 0.099   |
| Spiked Amount               | 0.100 |        | Recovery | =      | 90.00% | 99.00%  |
| Target Compounds            |       |        |          |        |        |         |
| 2) CHLORDANE PEAK 2         | 0.00  | 32.41  | 0        | 37504  | N.D.   | 0.027 # |
| 3) CHLORDANE PEAK 3         | 34.61 | 36.08f | 8531     | 2011   | 0.012  | 0.006 # |

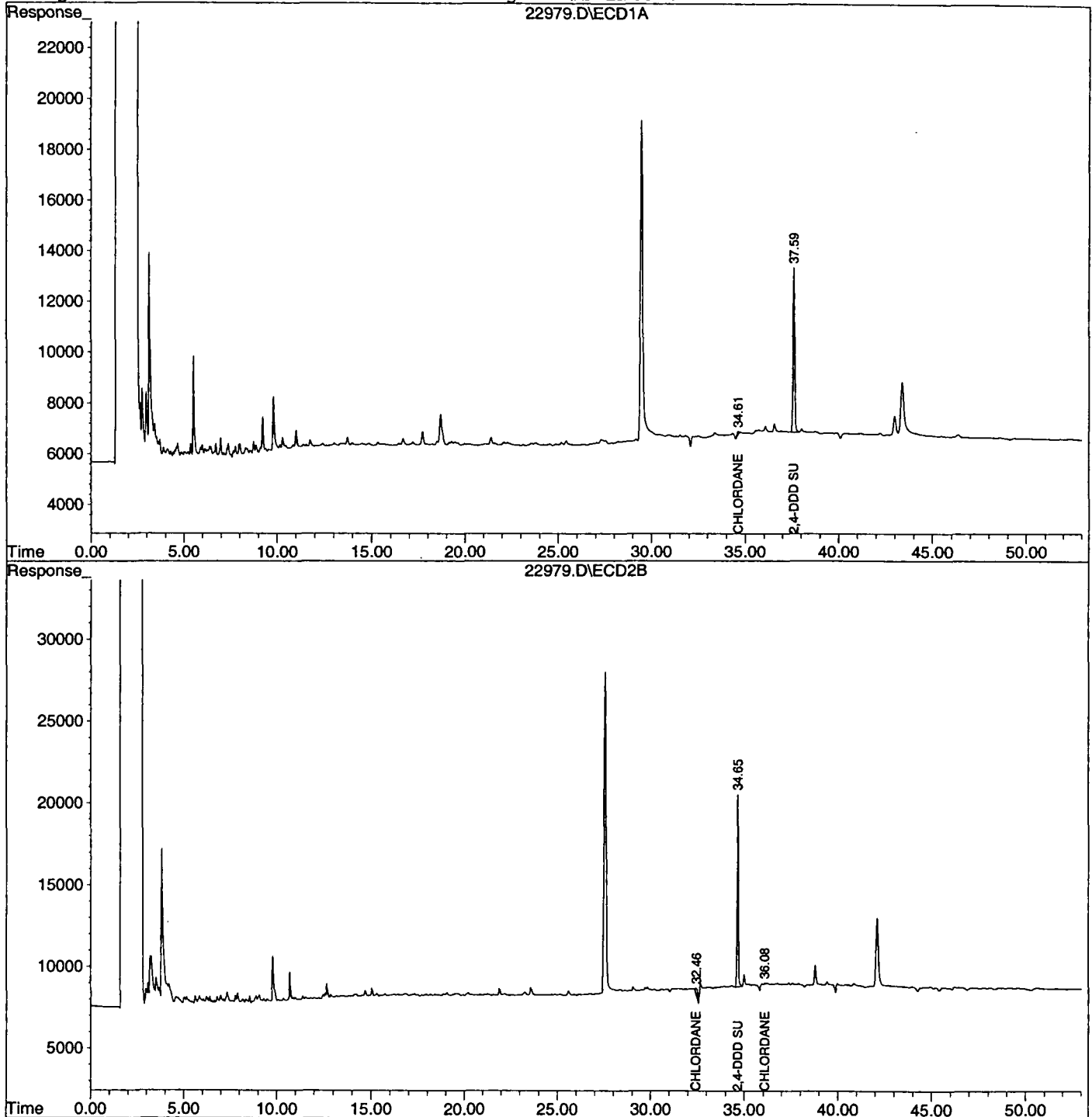
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
22979.D 010828C.M Tue Oct 09 11:26:04 2001

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD1A.CH Vial: 36  
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD2B.CH  
Acq On : 1 Oct 2001 7:51 pm Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Oct 9 11:25 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 #1 Info :  
Signal #2 Phase :  
Signal #2 Info :



## Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD1A.CH Vial: 36  
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD2B.CH  
Acq On : 1 Oct 2001 7:51 pm Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Oct 9 11:40 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       | 37.60 | 34.65  | 408378   | 562003 | 0.095  | 0.099   |
| Spiked Amount 0.100         |       |        | Recovery | =      | 95.00% | 99.00%  |
| Target Compounds            |       |        |          |        |        |         |
| 1) TOXAPHENE PEAK 1         | 0.00  | 35.94  | 0        | 13705  | N.D. d | 0.413   |
| 2) TOXAPHENE PEAK 2         | 0.00  | 37.37  | 0        | 7182   | N.D.   | 0.068 # |
| 3) TOXAPHENE PEAK 3         | 0.00  | 39.42  | 0        | 10410  | N.D.   | 0.143 # |
| 4) TOXAPHENE PEAK 4         | 0.00  | 40.86  | 0        | 9741   | N.D.   | 0.121 # |
| 5) TOXAPHENE PEAK 5         | 0.00  | 42.10f | 0        | 366615 | N.D.   | 5.774 # |

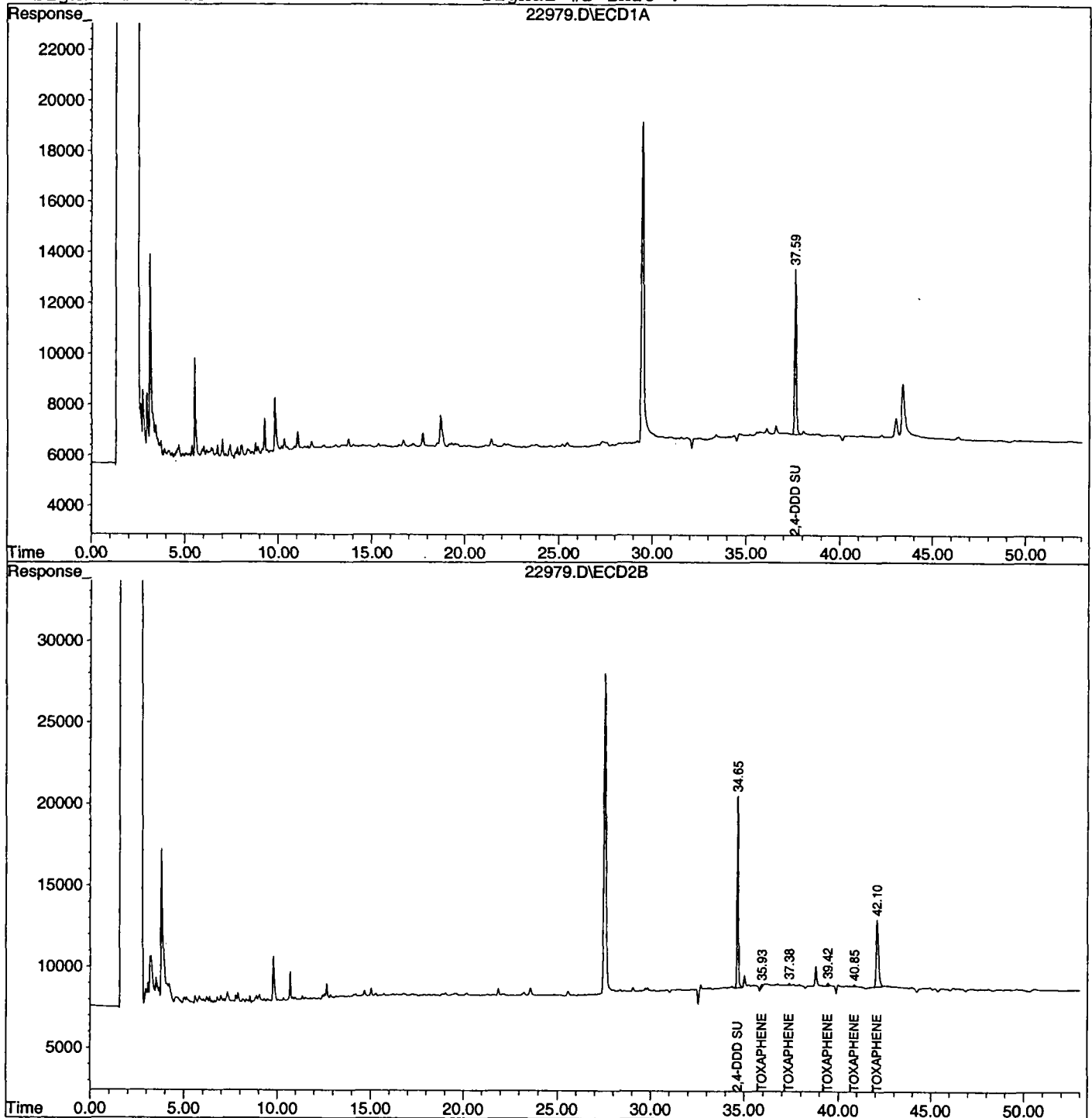
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
22979.D 010930T.M Tue Oct 09 11:40:16 2001

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD1A.CH Vial: 36  
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD2B.CH  
Acq On : 1 Oct 2001 7:51 pm Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Oct 9 11:40 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\22979.D\ECD1A.CH Vial: 36  
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD2B.CH  
Acq On : 1 Oct 2001 7:51 pm Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Oct 9 13:01 2001 Quant Results File: PCB1260.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1260.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES 4/23/99  
Last Update : Sun Sep 30 10:54:14 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 | 407404   | 562036 | 0.089  | 0.099   |
| Spiked Amount 0.100         |       |       | Recovery | =      | 89.00% | 99.00%  |
| Target Compounds            |       |       |          |        |        |         |
| 1) PEAK 1                   | 34.32 | 30.87 | 14371    | 11750  | 0.057  | 0.040 # |
| 2) PEAK 2                   | 38.02 | 34.35 | 9516     | 3264   | 0.014  | 0.005 # |
| 3) PEAK 3                   | 38.52 | 35.47 | 1388     | 984    | 0.002  | 0.001 # |
| 4) PEAK 4                   | 46.36 | 36.08 | 11653    | 1632   | 0.011  | 0.007 # |
| 5) PEAK 5                   | 0.00  | 43.12 | 0        | 787    | N.D.   | 0.003 # |

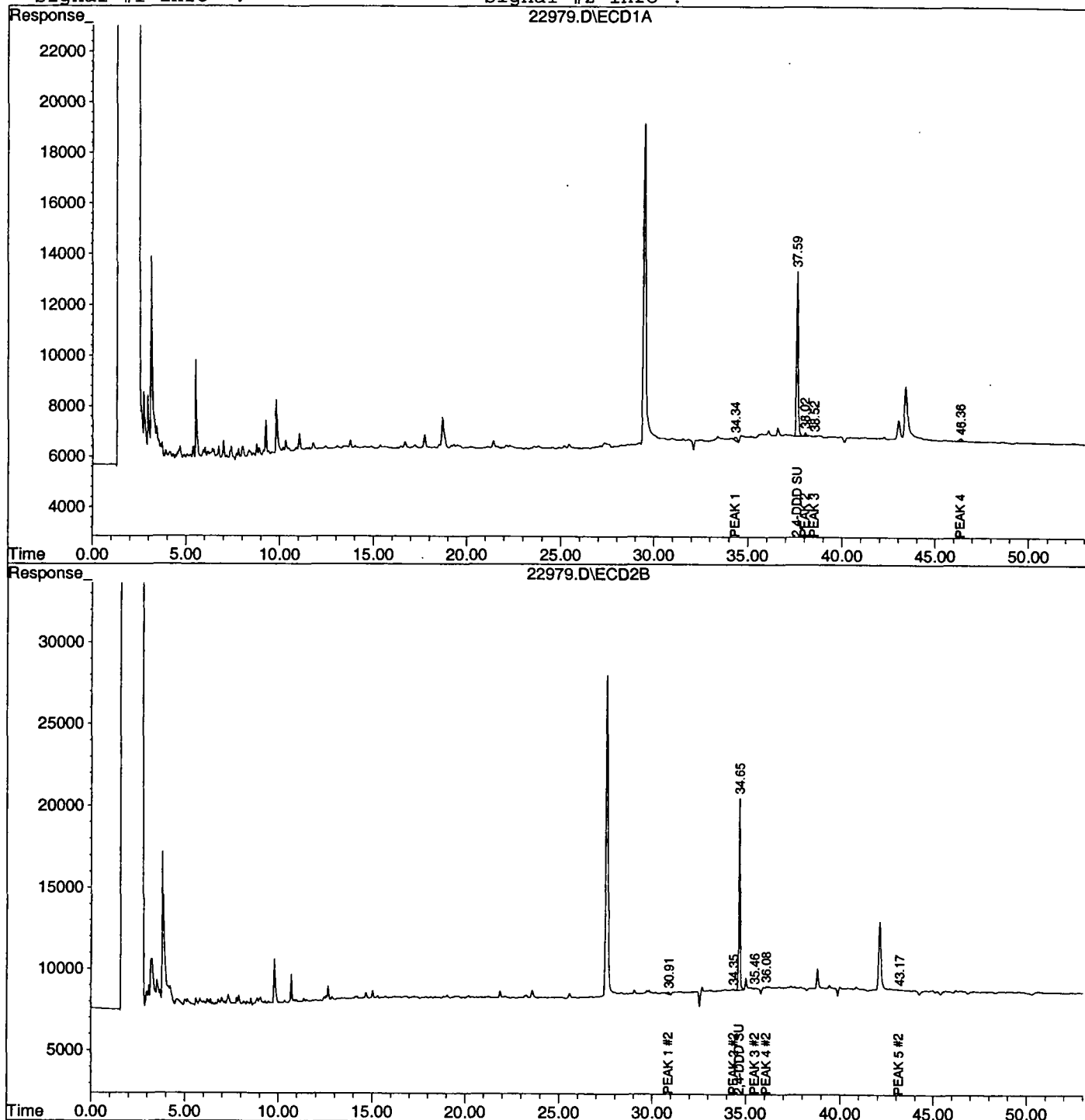
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
22979.D PCB1260.M Tue Oct 09 13:01:49 2001

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD1A.CH Vial: 36  
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD2B.CH  
 Acq On : 1 Oct 2001 7:51 pm Operator: Nefliu  
 Sample : sample Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Oct 9 13:01 2001 Quant Results File: PCB1260.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1260.M (Chemstation Integrator)  
 Title : 508 CHLORINATED PESTICIDES 4/23/99  
 Last Update : Sun Sep 30 10:54:14 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\22979.D\ECD1A.CH Vial: 36  
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD2B.CH  
 Acq On : 1 Oct 2001 7:51 pm Operator: Nefliu  
 Sample : sample Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Oct 9 13:43 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1016.M (Chemstation Integrator)  
 Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99  
 Last Update : Tue Oct 09 13:17:58 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  | 408378   | 562003 | 0.090  | 0.099   |
| Spiked Amount 0.200         |        |        | Recovery | =      | 45.00% | 49.50%  |
| Target Compounds            |        |        |          |        |        |         |
| 1) PEAK 1                   | 0.00   | 16.21  | 0        | 4438   | N.D.   | 0.018 # |
| 2) PEAK 2                   | 23.57  | 19.05  | 4533     | 7603   | 0.009  | 0.015 # |
| 3) PEAK 3                   | 27.85  | 21.88f | 1619     | 21552  | 0.005  | 0.023 # |
| 4) PEAK 4                   | 31.83f | 0.00   | 42158    | 0      | 0.166  | N.D. #  |
| 5) PEAK 5                   | 33.39  | 26.71  | 8404     | 3865   | 0.112  | 0.009 # |

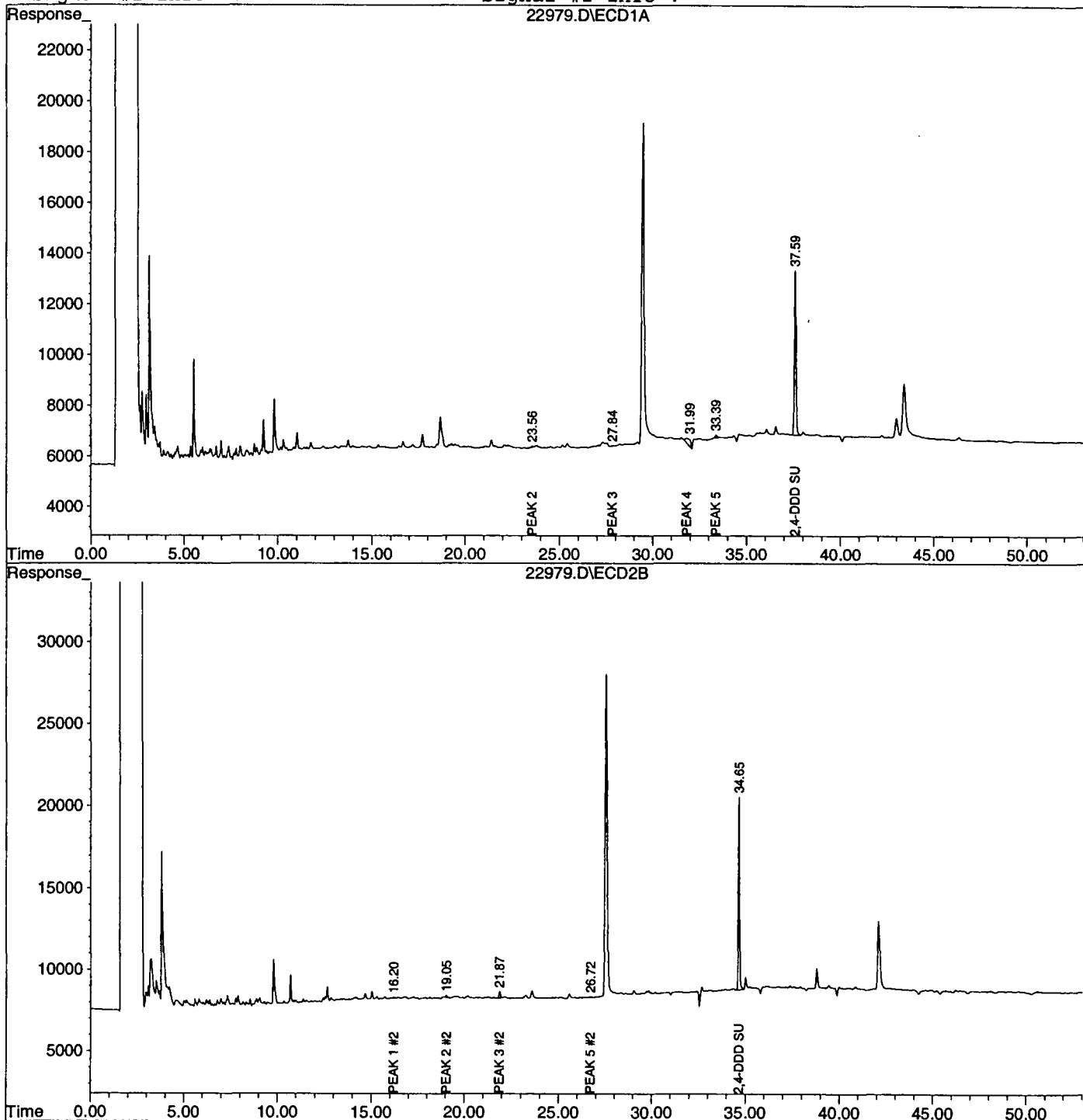
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 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 22979.D PCB1016.M Tue Oct 09 13:44:09 2001

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD1A.CH Vial: 36  
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\22979.D\ECD2B.CH  
Acq On : 1 Oct 2001 7:51 pm Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Oct 9 13:43 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1016.M (Chemstation Integrator)  
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99  
Last Update : Tue Oct 09 13:17:58 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : 508F.M

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



**Comments for Sample AD22979 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 10-15-2001 Time: 09:24:32

The recovery for Aldrin in the MDL Standard was below its acceptance range.