

User: Nefliu, Marcela  
 Westchester Dept. of Labs & Research  
 Date: 01/09/2002 Time: 14:57:17

Sample: AD28105  
 Analysis: \$508 Chlorine Pesticides - 508  
 Units: ug  
 Started: 11/23/01 14:56 Ended: 12/21/01 14:56 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       |      | 0.18   |           |       |

## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011221B\28105.D\ECD1A.CH Vial: 20  
Signal #2 : C:\MSDCHEM\1\DATA\508\011221B\28105.D\ECD2B.CH  
Acq On : 21 Dec 2001 9:31 pm Operator: Nefliu  
Sample : sample Inst : Instrumen  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Jan 09 10:24:43 2002 Quant Results File: 011220P.RES

Quant Method : C:\MSDCHEM\1\METHODS\011220P.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides  
Last Update : Fri Dec 21 08:18:43 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  | ug/l   | ug/l   |
|-----------------------------|-------|-------|----------|---------|--------|--------|
| -----                       |       |       |          |         |        |        |
| System Monitoring Compounds |       |       |          |         |        |        |
| 10) s 2,4-DDD SURROGAT      | 14.35 | 14.98 | 666.8E6  | 515.7E6 | 0.180m | 0.184  |
| Spiked Amount               | 0.200 |       | Recovery | =       | 90.00% | 92.00% |

Target Compounds

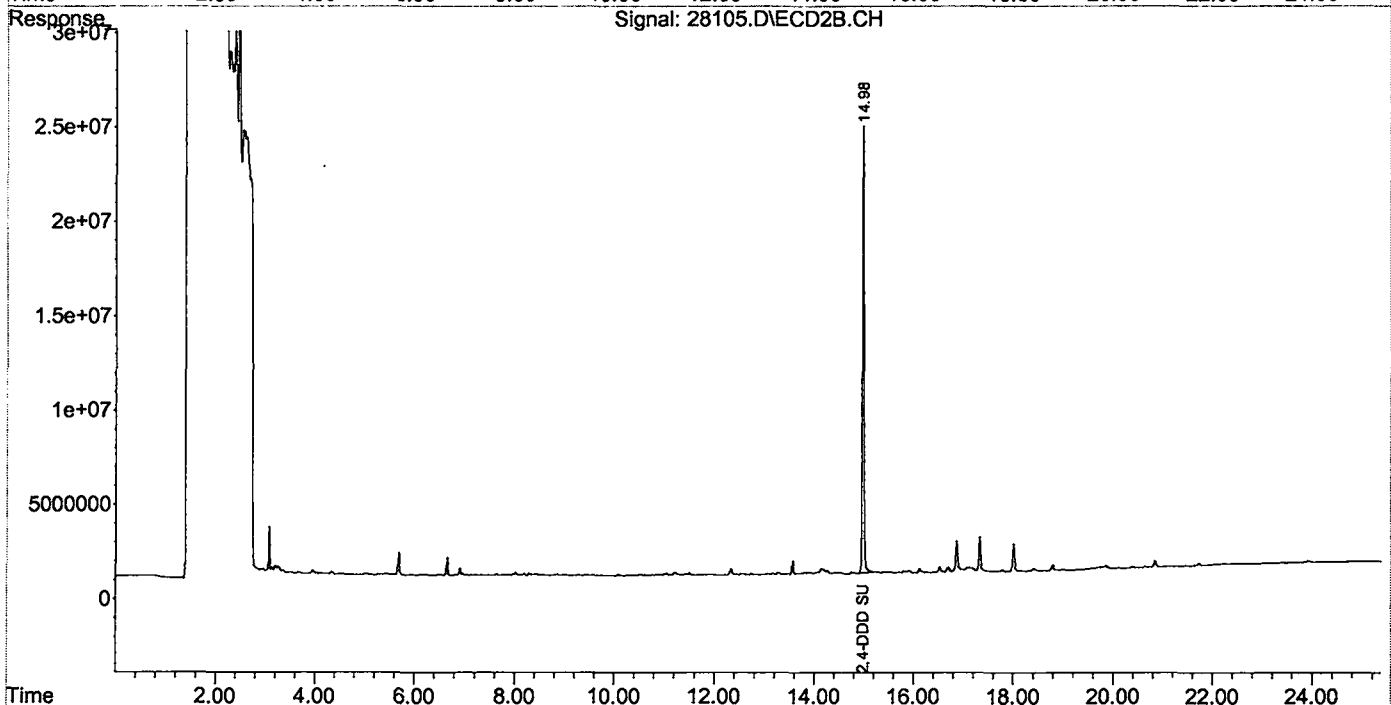
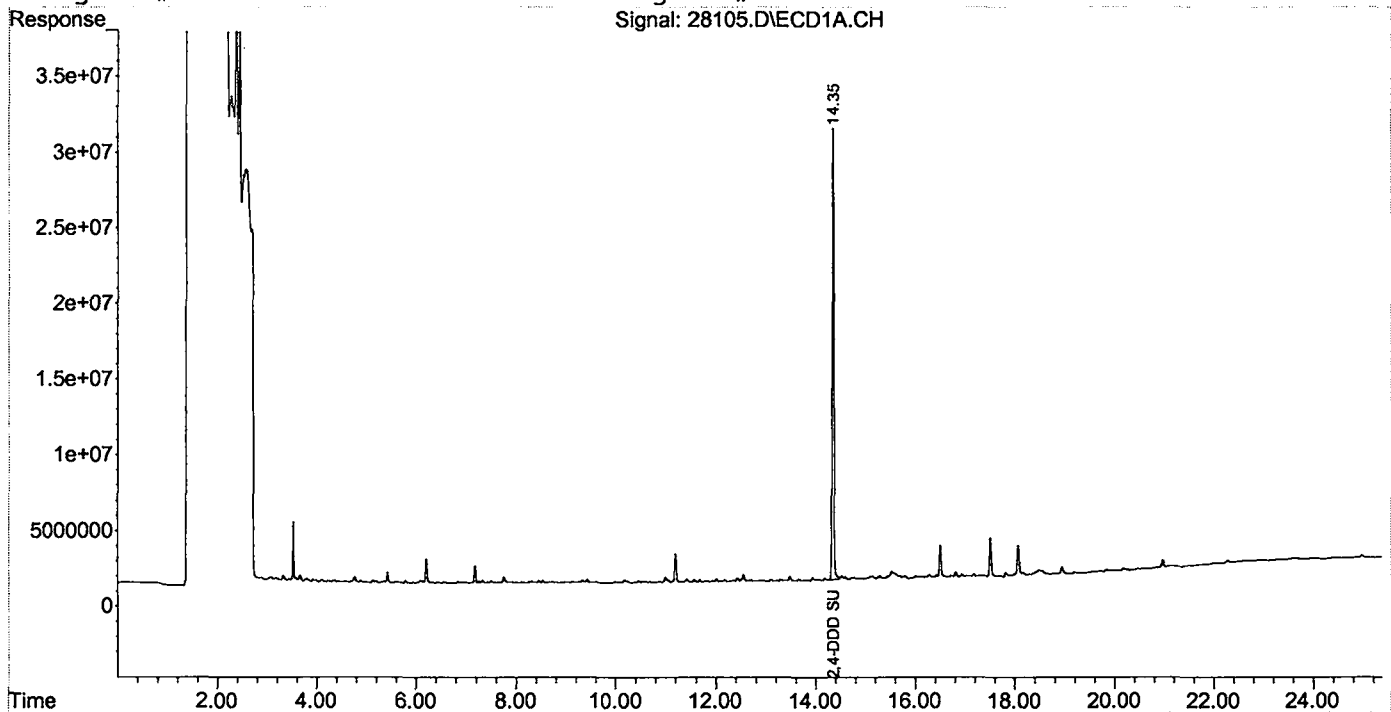
-----  
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
28105.D 011220P.M Wed Jan 09 10:25:24 2002

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011221B\28105.D\ECD1A.CH Vial: 20  
 Signal #2 : C:\MSDCHEM\1\DATA\508\011221B\28105.D\ECD2B.CH  
 Acq On : 21 Dec 2001 9:31 pm Operator: Nefliu  
 Sample : sample Inst : Instrumen  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
 Quant Time: Jan 9 10:25 2002 Quant Results File: 011220P.RES

Quant Method : C:\MSDCHEM\1\METHODS\011220P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Fri Dec 21 08:18:43 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : MDL508.M

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :  
 Signal: 28105.D\ECD1A.CH



## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011221B\28105.D\ECD1A.CH Vial: 20  
Signal #2 : C:\MSDCHEM\1\DATA\508\011221B\28105.D\ECD2B.CH  
Acq On : 21 Dec 2001 9:31 pm Operator: Nefliu  
Sample : sample Inst : Instrumen  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Jan 09 11:39:50 2002 Quant Results File: 011214C.RES

Quant Method : C:\MSDCHEM\1\METHODS\011214C.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides - Chlordane  
Last Update : Mon Dec 17 11:07:31 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  | ug/l   | ug/l   |
|-----------------------------|-------|-------|----------|---------|--------|--------|
| -----                       |       |       |          |         |        |        |
| System Monitoring Compounds |       |       |          |         |        |        |
| 4) s 2,4-DDD SURROGAT       | 14.35 | 14.98 | 672.3E6  | 515.7E6 | 0.193m | 0.190  |
| Spiked Amount               | 0.200 |       | Recovery | =       | 96.50% | 95.00% |

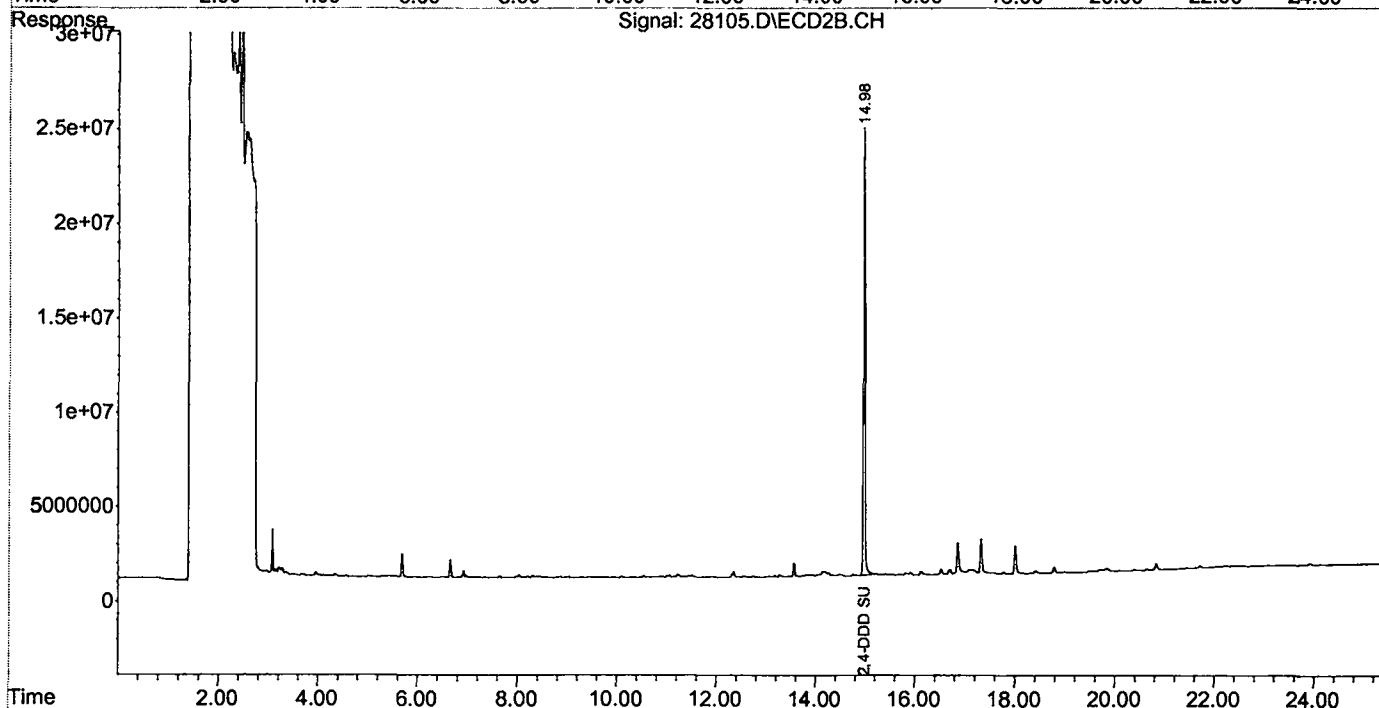
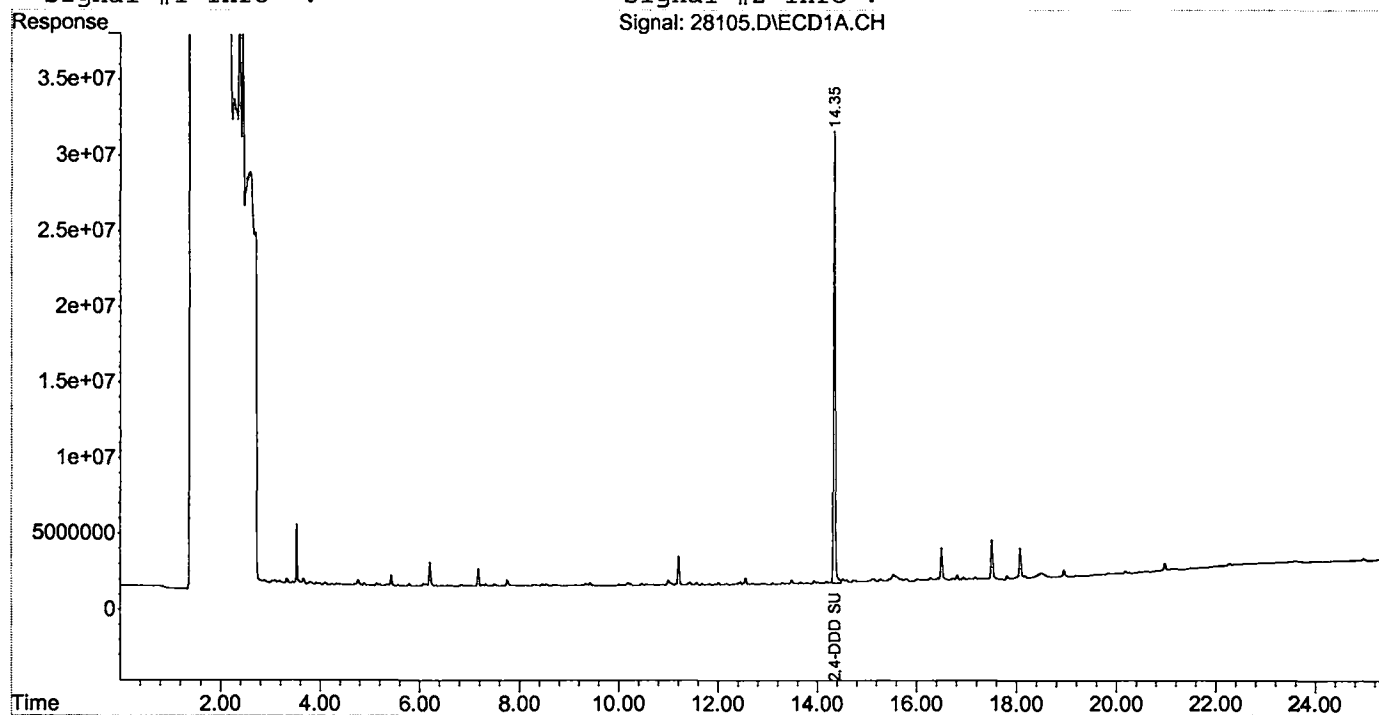
Target Compounds

## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011221B\28105.D\ECD1A.CH Vial: 20  
Signal #2 : C:\MSDCHEM\1\DATA\508\011221B\28105.D\ECD2B.CH  
Acq On : 21 Dec 2001 9:31 pm Operator: Nefliu  
Sample : sample Inst : Instrumen  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Jan 9 11:40 2002 Quant Results File: 011214C.RES

Quant Method : C:\MSDCHEM\1\METHODS\011214C.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides - Chlordane  
Last Update : Mon Dec 17 11:07:31 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : MDL508.M

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :  
Signal: 28105.D\ECD1A.CH



## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011221B\28105.D\ECD1A.CH Vial: 20  
Signal #2 : C:\MSDCHEM\1\DATA\508\011221B\28105.D\ECD2B.CH  
Acq On : 21 Dec 2001 9:31 pm Operator: Nefliu  
Sample : sample Inst : Instrumen  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Jan 09 11:22:37 2002 Quant Results File: 011214T.RES

Quant Method : C:\MSDCHEM\1\METHODS\011214T.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides - Toxaphene  
Last Update : Mon Dec 17 14:19:26 2001  
Response via : Initial Calibration  
DataAcq Meth : MDL508.M

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

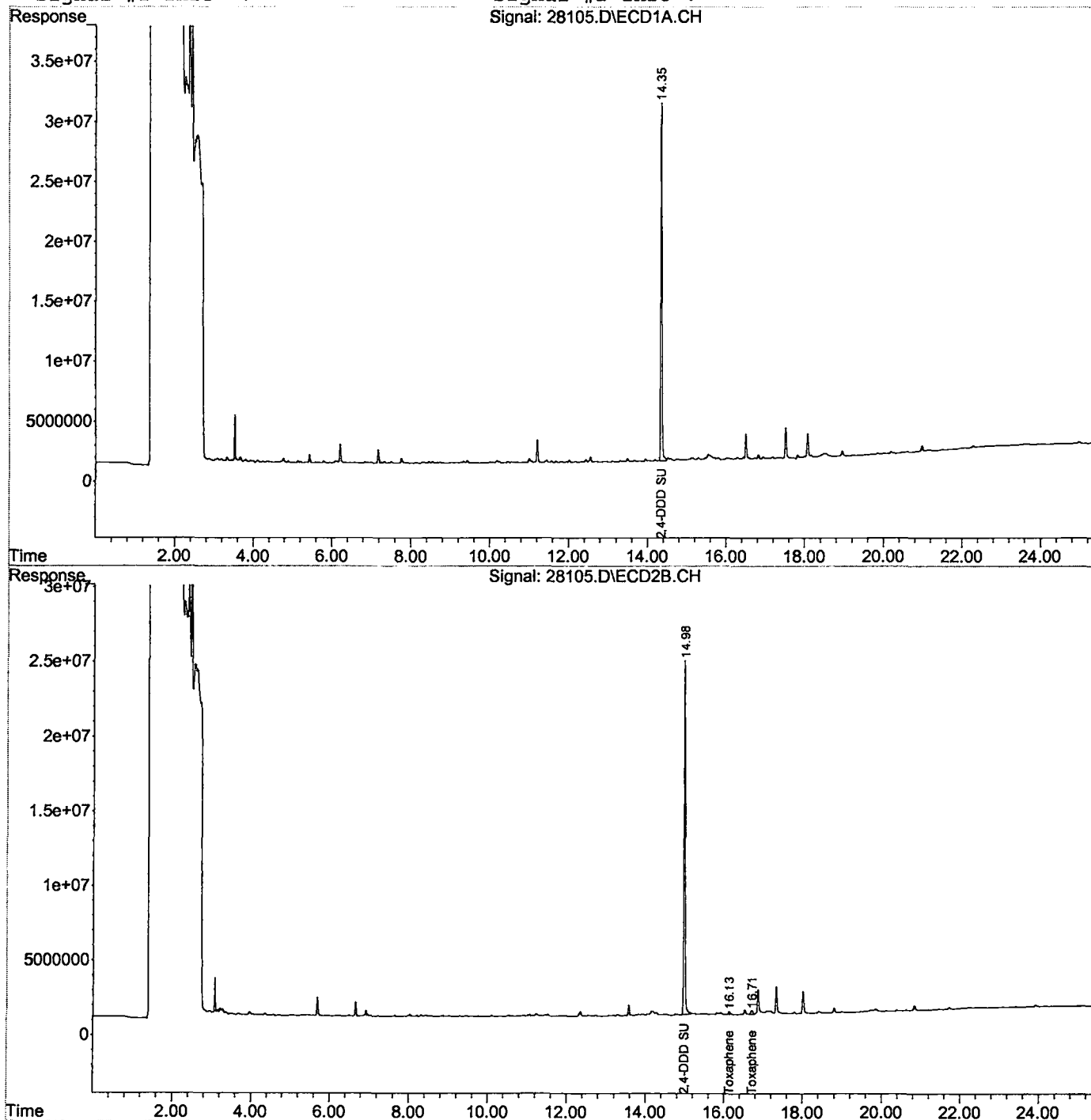
| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | Conc#1 | Conc#2 |
|-----------------------------|-------|-------|----------|---------|--------|--------|
| -----                       |       |       |          |         |        |        |
| System Monitoring Compounds |       |       |          |         |        |        |
| 6) s 2,4-DDD SURROGAT       | 14.35 | 14.98 | 669.2E6  | 515.7E6 | 0.183m | 0.177  |
| Spiked Amount               | 0.200 |       | Recovery | =       | 91.50% | 88.50% |
| Target Compounds            |       |       |          |         |        |        |
| 2) Toxaphene Peak 2         | 0.00  | 16.13 | 0        | 4468932 | N.D. d | 0.038  |
| 3) Toxaphene Peak 3         | 0.00  | 16.13 | 0        | 4468932 | N.D. d | 0.117  |
| 4) Toxaphene Peak 4         | 0.00  | 16.71 | 0        | 8782767 | N.D. d | 0.082  |

## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011221B\28105.D\ECD1A.CH Vial: 20  
Signal #2 : C:\MSDCHEM\1\DATA\508\011221B\28105.D\ECD2B.CH  
Acq On : 21 Dec 2001 9:31 pm Operator: Nefliu  
Sample : sample Inst : Instrumen  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Jan 9 11:22 2002 Quant Results File: 011214T.RES

Quant Method : C:\MSDCHEM\1\METHODS\011214T.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides - Toxaphene  
Last Update : Mon Dec 17 14:19:26 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\011221B\28105.D\ECD1A.CH Vial: 20  
Signal #2 : C:\MSDCHEM\1\DATA\508\011221B\28105.D\ECD2B.CH  
Acq On : 21 Dec 2001 9:31 pm Operator: Nefliu  
Sample : sample Inst : Instrumen  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Jan 09 13:25:09 2002 Quant Results File: 1PCB1016.RES

Quant Method : C:\MSDCHEM\1\METHODS\1PCB1016.M (Chemstation Integrator)  
Title : 508 - Arochlor 1016  
Last Update : Wed Jan 02 09:04:24 2002  
Response via : Initial Calibration  
DataAcq Meth : MDL508.M

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

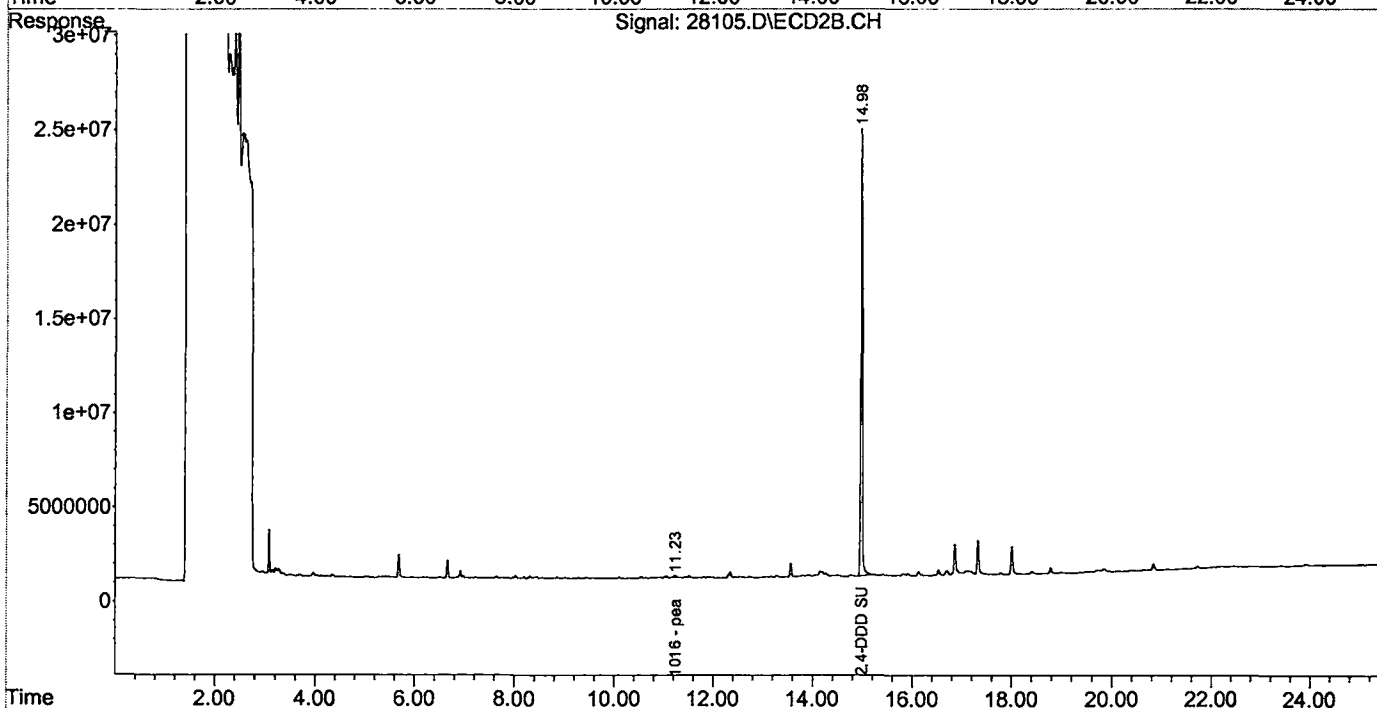
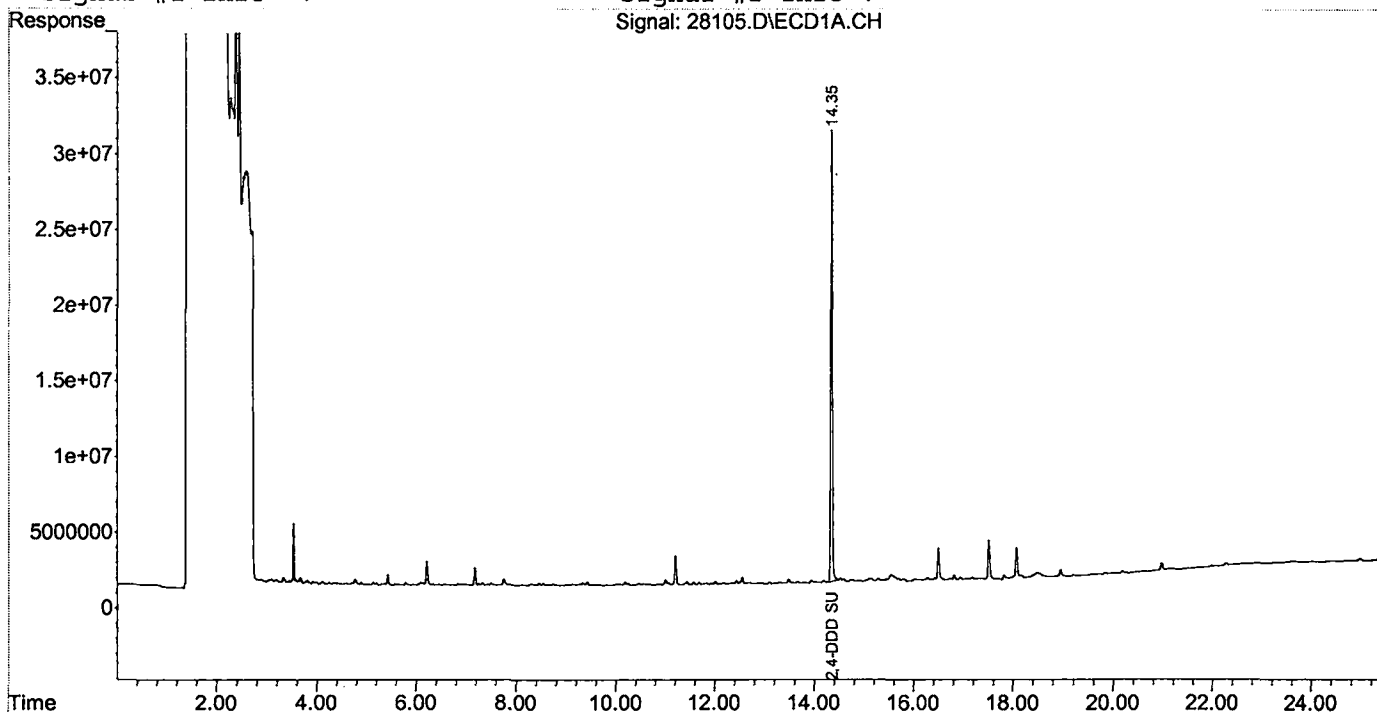
| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | Conc#1 | Conc#2 |
|-----------------------------|-------|-------|----------|---------|--------|--------|
| -----                       |       |       |          |         |        |        |
| System Monitoring Compounds |       |       |          |         |        |        |
| 6) s 2,4-DDD SURROGAT       | 14.35 | 14.98 | 662.8E6  | 515.7E6 | 0.193m | 0.191  |
| Spiked Amount               | 0.200 |       | Recovery | =       | 96.50% | 95.50% |
| Target Compounds            |       |       |          |         |        |        |
| 3) 1016 - peak 3            | 0.00  | 11.23 | 0        | 3490780 | N.D. d | 0.021  |

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011221B\28105.D\ECD1A.CH Vial: 20  
 Signal #2 : C:\MSDCHEM\1\DATA\508\011221B\28105.D\ECD2B.CH  
 Acq On : 21 Dec 2001 9:31 pm Operator: Nefliu  
 Sample : sample Inst : Instrumen  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
 Quant Time: Jan 9 13:25 2002 Quant Results File: 1PCB1016.RES

Quant Method : C:\MSDCHEM\1\METHODS\1PCB1016.M (Chemstation Integrator)  
 Title : 508 - Arochlor 1016  
 Last Update : Wed Jan 02 09:04:24 2002  
 Response via : Multiple Level Calibration  
 DataAcq Meth : MDL508.M

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :  
 Signal: 28105.D\ECD1A.CH



**Comments for Sample AD28105 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-25-2002 Time: 08:56:28

The recoveries for 4 of the 11 compounds in the LCS Standard were below their acceptance ranges.