

User: Nefliu, Marcela  
 Westchester Dept. of Labs & Research  
 Date: 01/04/2002 Time: 15:43:48

Sample: AD27952  
 Analysis: \$508 Chlorine Pesticides - 508  
 Units: ug  
 Started: 11/20/01 15:41 Ended: 12/17/01 15:41 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\011217B\27952.D\ECD1A.CH Vial: 41  
 Signal #2 : C:\MSDCHEM\1\DATA\508\011217B\27952.D\ECD2B.CH  
 Acq On : 18 Dec 2001 2:13 pm Operator: Nefliu  
 Sample : sample Inst : Instrumen  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
 Quant Time: Jan 04 13:10:30 2002 Quant Results File: 011214P.RES

Quant Method : C:\MSDCHEM\1\METHODS\011214P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Mon Dec 17 10:51:26 2001  
 Response via : Initial Calibration  
 DataAcq Meth : MDL508.M

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

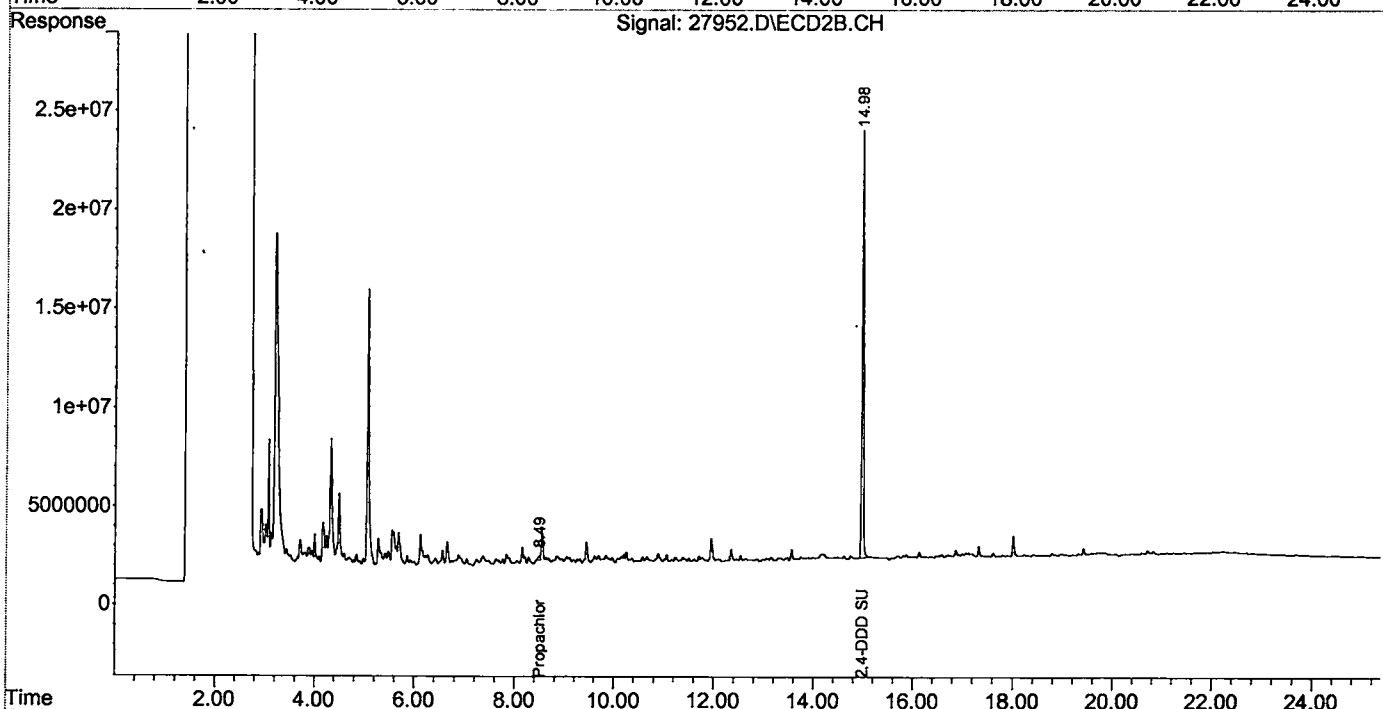
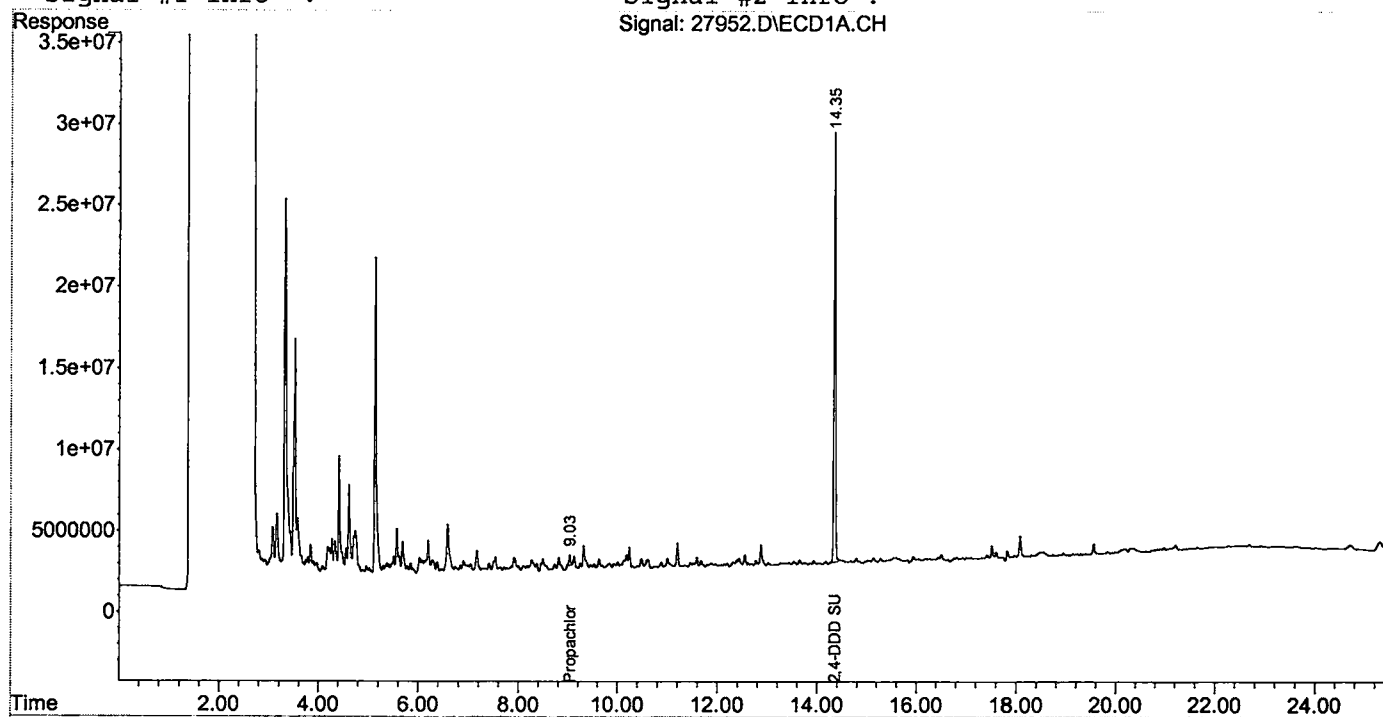
| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ug/l   | ug/l    |
|-----------------------------|-------|-------|----------|---------|--------|---------|
| -----                       |       |       |          |         |        |         |
| System Monitoring Compounds |       |       |          |         |        |         |
| 10) s 2,4-DDD SURROGAT      | 14.35 | 14.98 | 573.5E6  | 456.6E6 | 0.184m | 0.162   |
| Spiked Amount 0.200         |       |       | Recovery | =       | 92.00% | 81.00%  |
| Target Compounds            |       |       |          |         |        |         |
| 1) Propachlor               | 9.03  | 8.49  | 12231962 | 5226467 | 0.026m | 0.014m# |

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011217B\27952.D\ECD1A.CH Vial: 41  
 Signal #2 : C:\MSDCHEM\1\DATA\508\011217B\27952.D\ECD2B.CH  
 Acq On : 18 Dec 2001 2:13 pm Operator: Nefliu  
 Sample : sample Inst : Instrumen  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
 Quant Time: Jan 4 13:11 2002 Quant Results File: 011214P.RES

Quant Method : C:\MSDCHEM\1\METHODS\011214P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Mon Dec 17 10:51:26 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : MDL508.M

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :  
 Signal: 27952.D\ECD1A.CH



Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011217B\27952.D\ECD1A.CH Vial: 41  
 Signal #2 : C:\MSDCHEM\1\DATA\508\011217B\27952.D\ECD2B.CH  
 Acq On : 18 Dec 2001 2:13 pm Operator: Nefliu  
 Sample : sample Inst : Instrumen  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
 Quant Time: Jan 04 13:59:30 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 :

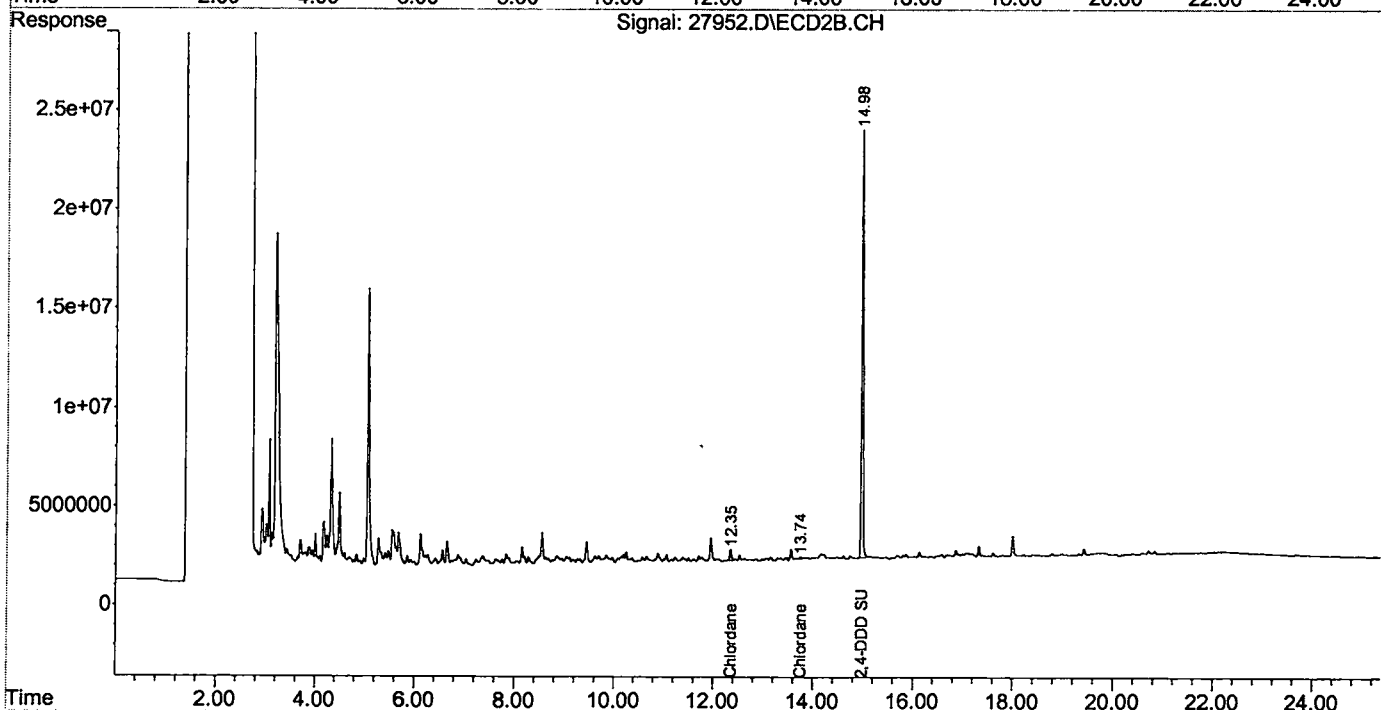
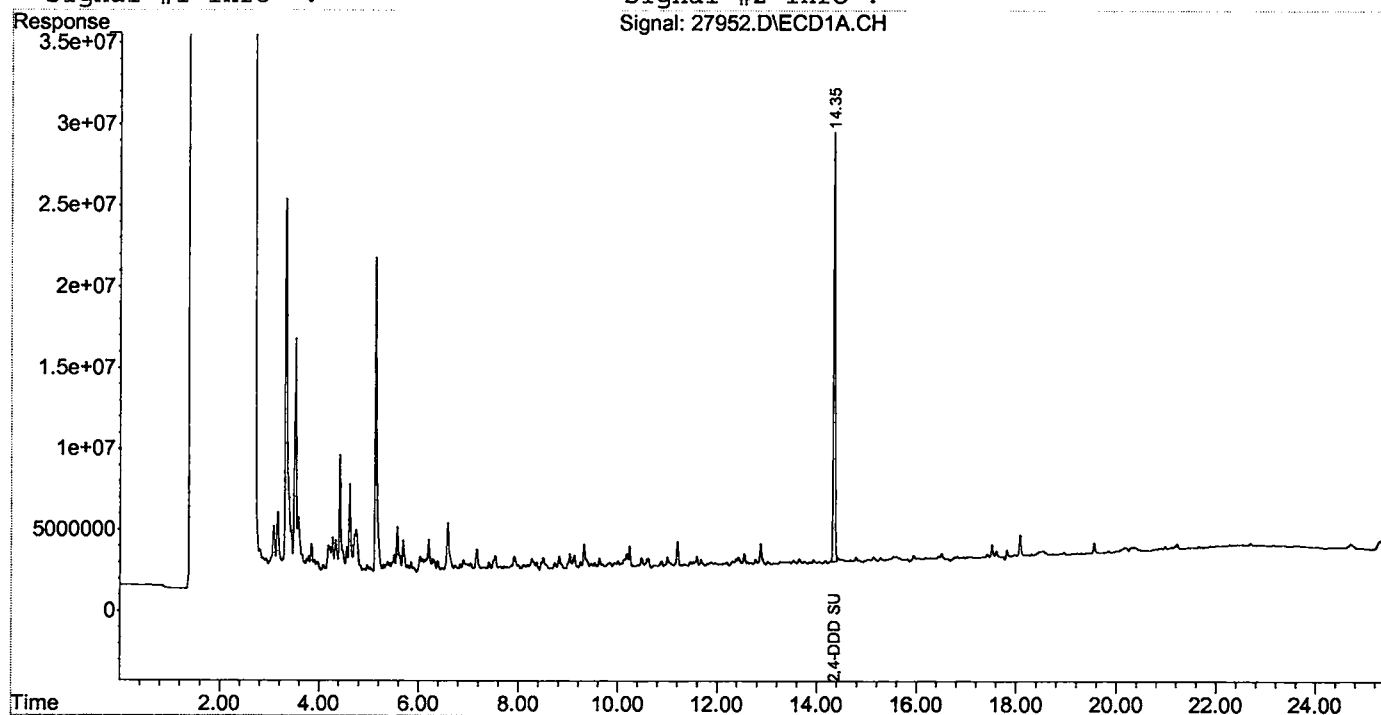
| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ug/l   | ug/l   |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 4) s 2,4-DDD SURROGAT       | 14.35 | 14.98 | 572.9E6  | 456.6E6  | 0.165m | 0.168  |
| Spiked Amount               | 0.200 |       | Recovery | =        | 82.50% | 84.00% |
| Target Compounds            |       |       |          |          |        |        |
| 2) Chlordane Peak 2         | 0.00  | 12.35 | 0        | 13936052 | N.D. d | 0.070  |
| 3) Chlordane Peak 3         | 0.00  | 13.75 | 0        | 1788578  | N.D. d | 0.003  |

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011217B\27952.D\ECD1A.CH Vial: 41  
 Signal #2 : C:\MSDCHEM\1\DATA\508\011217B\27952.D\ECD2B.CH  
 Acq On : 18 Dec 2001 2:13 pm Operator: Nefliu  
 Sample : sample Inst : Instrumen  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
 Quant Time: Jan 4 13:59 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: 27952.D\ECD1A.CH



Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011217B\27952.D\ECD1A.CH Vial: 41  
 Signal #2 : C:\MSDCHEM\1\DATA\508\011217B\27952.D\ECD2B.CH  
 Acq On : 18 Dec 2001 2:13 pm Operator: Nefliu  
 Sample : sample Inst : Instrumen  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
 Quant Time: Jan 04 13:44:33 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 :

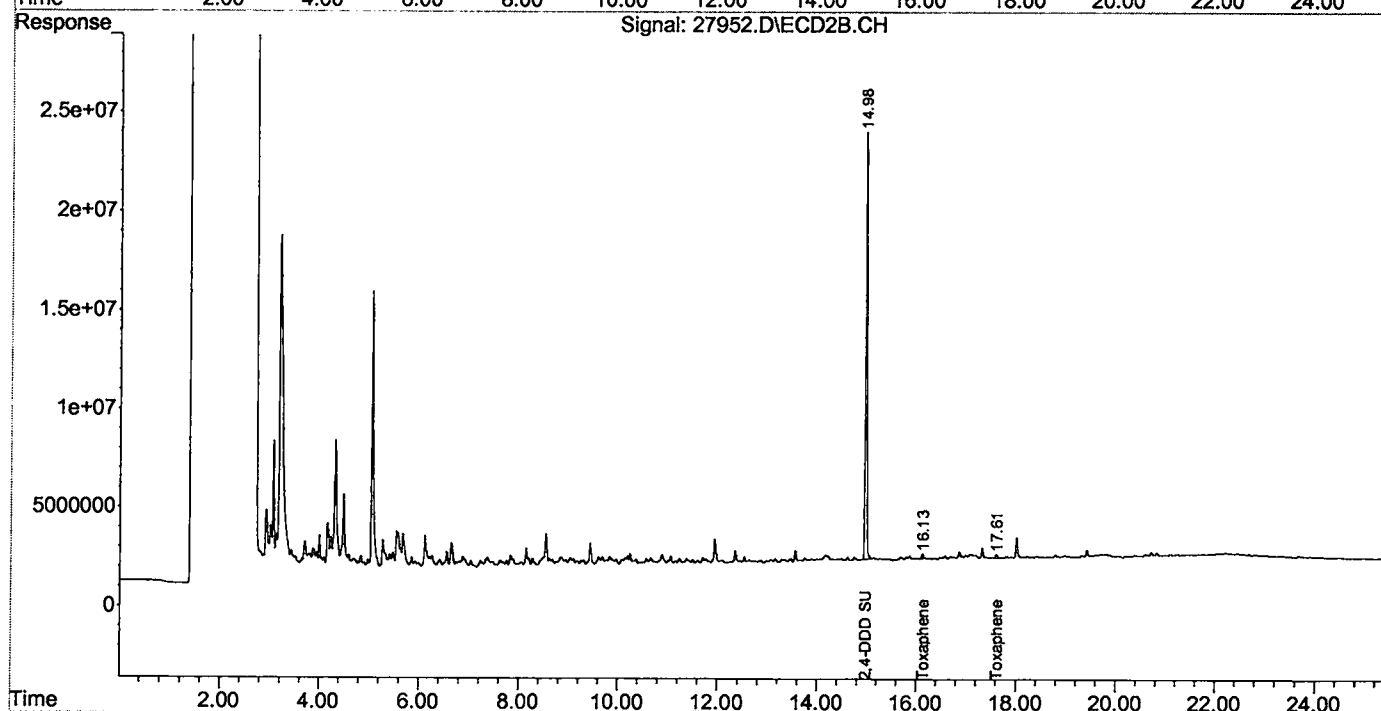
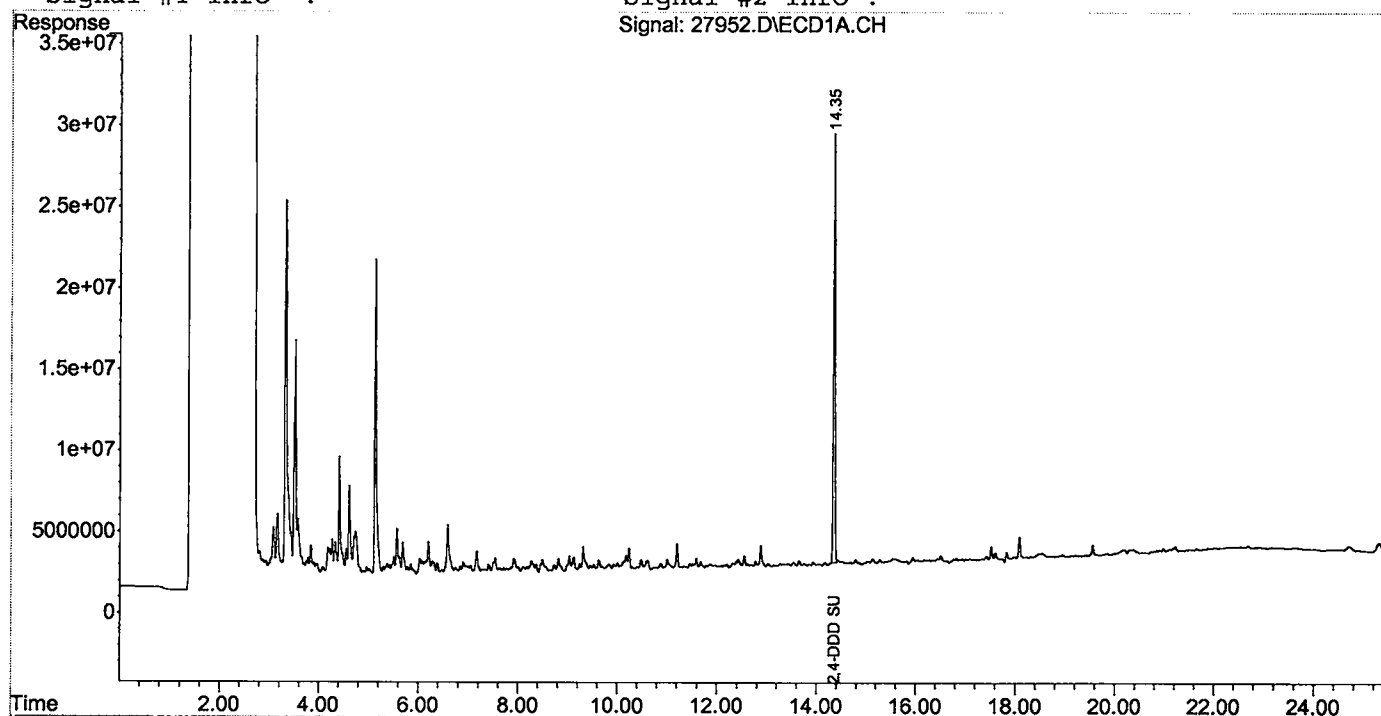
| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | Conc#1 | Conc#2 |
|-----------------------------|-------|-------|----------|---------|--------|--------|
| -----                       |       |       |          |         |        |        |
| System Monitoring Compounds |       |       |          |         |        |        |
| 6) s 2,4-DDD SURROGAT       | 14.35 | 14.98 | 569.4E6  | 456.6E6 | 0.156m | 0.156  |
| Spiked Amount               | 0.200 |       | Recovery | =       | 78.00% | 78.00% |
| Target Compounds            |       |       |          |         |        |        |
| 2) Toxaphene Peak 2         | 0.00  | 16.13 | 0        | 5058372 | N.D. d | 0.043  |
| 3) Toxaphene Peak 3         | 0.00  | 16.13 | 0        | 5058372 | N.D. d | 0.133  |
| 5) Toxaphene Peak 5         | 0.00  | 17.62 | 0        | 4539328 | N.D. d | 0.035  |

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011217B\27952.D\ECD1A.CH Vial: 41  
 Signal #2 : C:\MSDCHEM\1\DATA\508\011217B\27952.D\ECD2B.CH  
 Acq On : 18 Dec 2001 2:13 pm Operator: Nefliu  
 Sample : sample Inst : Instrumen  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
 Quant Time: Jan 4 13:44 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 :  
 Signal: 27952.D\ECD1A.CH



## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011217B\27952.D\ECD1A.CH Vial: 41  
Signal #2 : C:\MSDCHEM\1\DATA\508\011217B\27952.D\ECD2B.CH  
Acq On : 18 Dec 2001 2:13 pm Operator: Nefliu  
Sample : sample Inst : Instrumen  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Jan 04 14:13:10 2002 Quant Results File: 1PCB1242.RES

Quant Method : C:\MSDCHEM\1\METHODS\1PCB1242.M (Chemstation Integrator)  
Title : 508 - Arochlor 1242  
Last Update : Wed Jan 02 08:56:44 2002  
Response via : Initial Calibration  
DataAcq Meth : MDL508.M

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

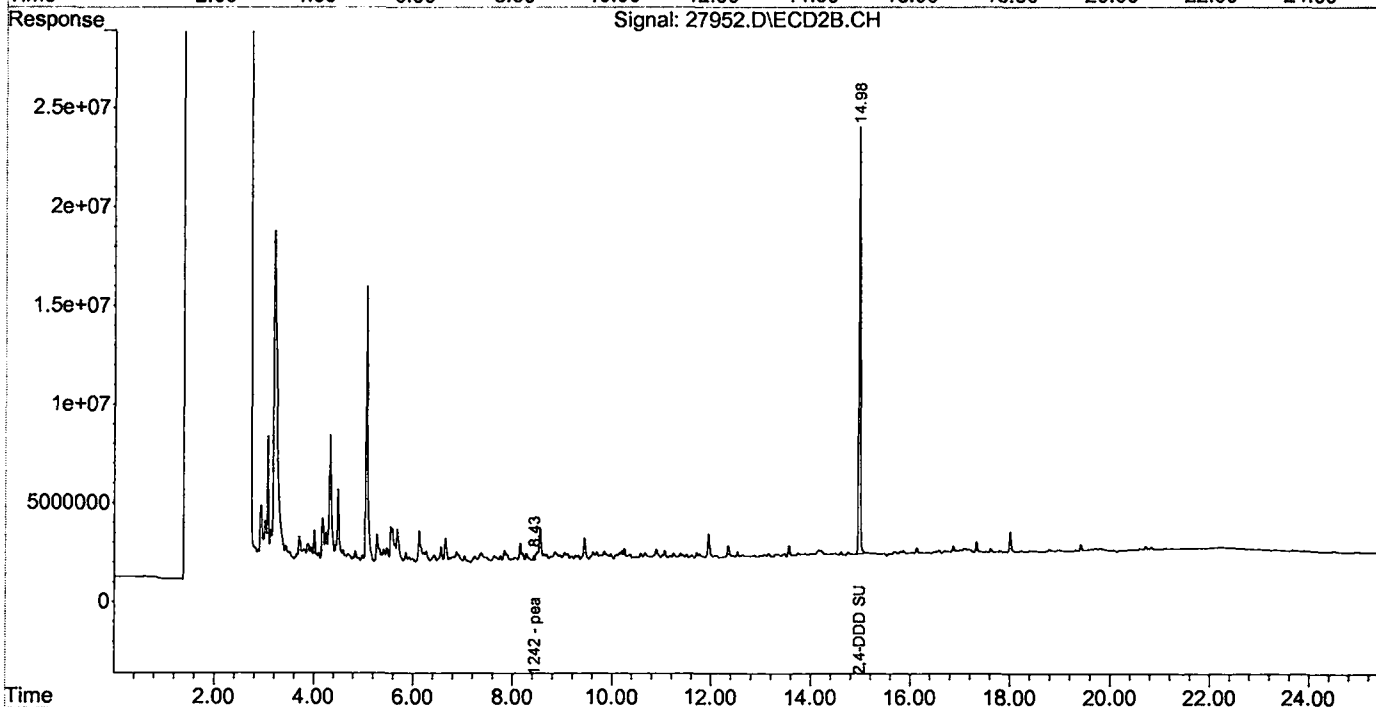
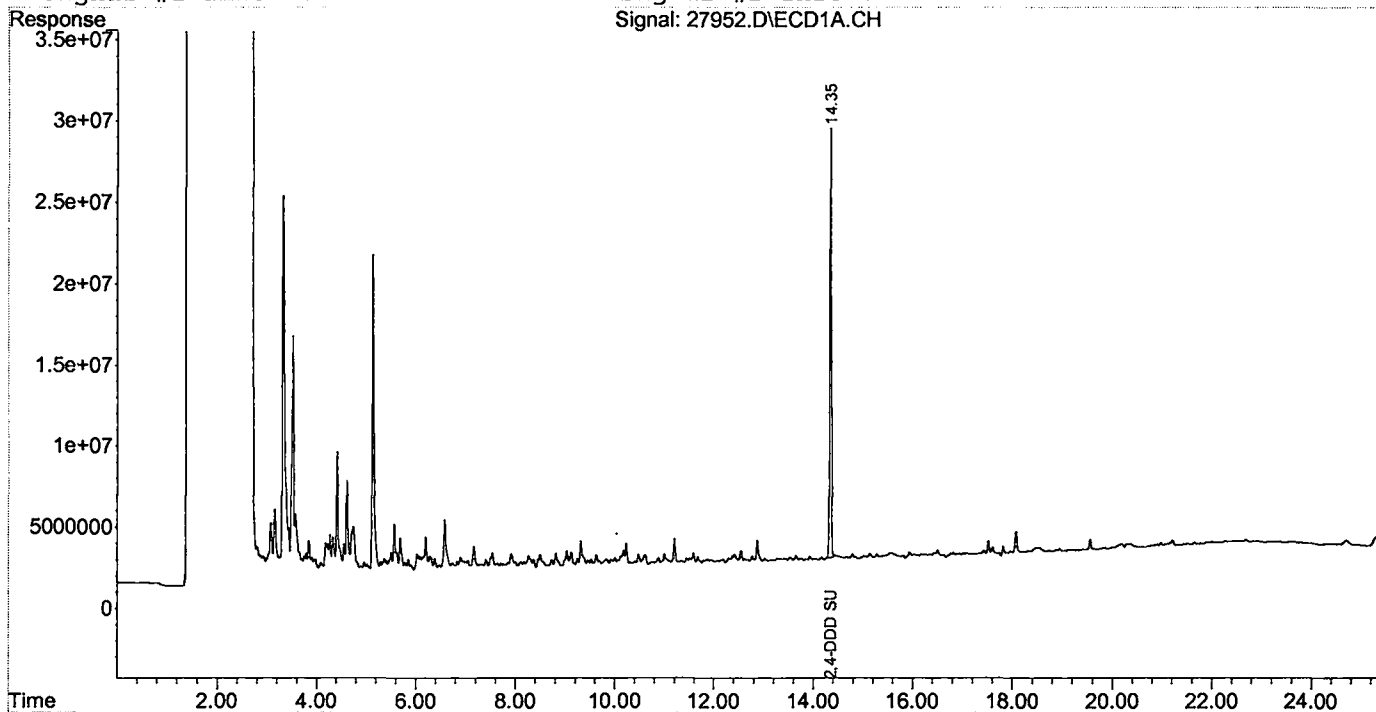
| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | Conc#1  | Conc#2 |
|-----------------------------|-------|-------|----------|---------|---------|--------|
| -----                       |       |       |          |         |         |        |
| System Monitoring Compounds |       |       |          |         |         |        |
| 6) s 2,4-DDD SURROGAT       | 14.35 | 14.98 | 572.1E6  | 456.6E6 | 0.202m  | 0.181  |
| Spiked Amount               | 0.200 |       | Recovery | =       | 101.00% | 90.50% |
| Target Compounds            |       |       |          |         |         |        |
| 1) 1242 - peak 1            | 0.00  | 8.43  | 0        | 4227728 | N.D. d  | 0.299  |

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011217B\27952.D\ECD1A.CH Vial: 41  
 Signal #2 : C:\MSDCHEM\1\DATA\508\011217B\27952.D\ECD2B.CH  
 Acq On : 18 Dec 2001 2:13 pm Operator: Nefliu  
 Sample : sample Inst : Instrumen  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
 Quant Time: Jan 4 14:13 2002 Quant Results File: 1PCB1242.RES

Quant Method : C:\MSDCHEM\1\METHODS\1PCB1242.M (Chemstation Integrator)  
 Title : 508 - Arochlor 1242  
 Last Update : Wed Jan 02 08:56:44 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: 27952.D\ECD1A.CH



• **Comments for Sample AD27952 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-07-2002 Time: 11:19:31

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