

User: Nefliu, Marcela  
 Westchester Dept. of Labs & Research  
 Date: 01/03/2002 Time: 14:46:56

Sample: AD27627  
 Analysis: \$508 Chlorine Pesticides - 508  
 Units: ug  
 Started: 11/16/01 14:21 Ended: 12/14/01 14:21 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       |      | 0.16   |           |       |

## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011214C\27627.D\ECD1A.CH Vial: 36  
Signal #2 : C:\MSDCHEM\1\DATA\508\011214C\27627.D\ECD2B.CH  
Acq On : 16 Dec 2001 2:44 pm Operator: Nefliu  
Sample : sample Inst : Instrumen  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Jan 03 09:59:29 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 :

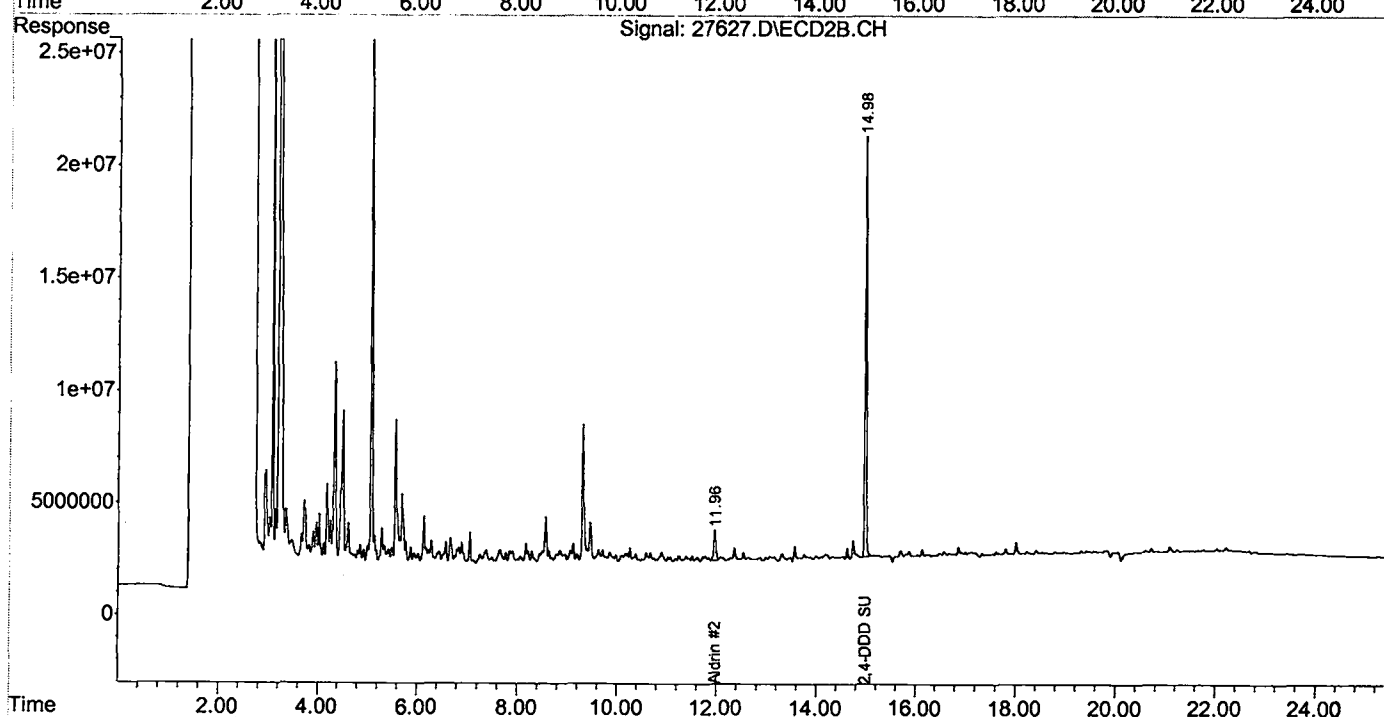
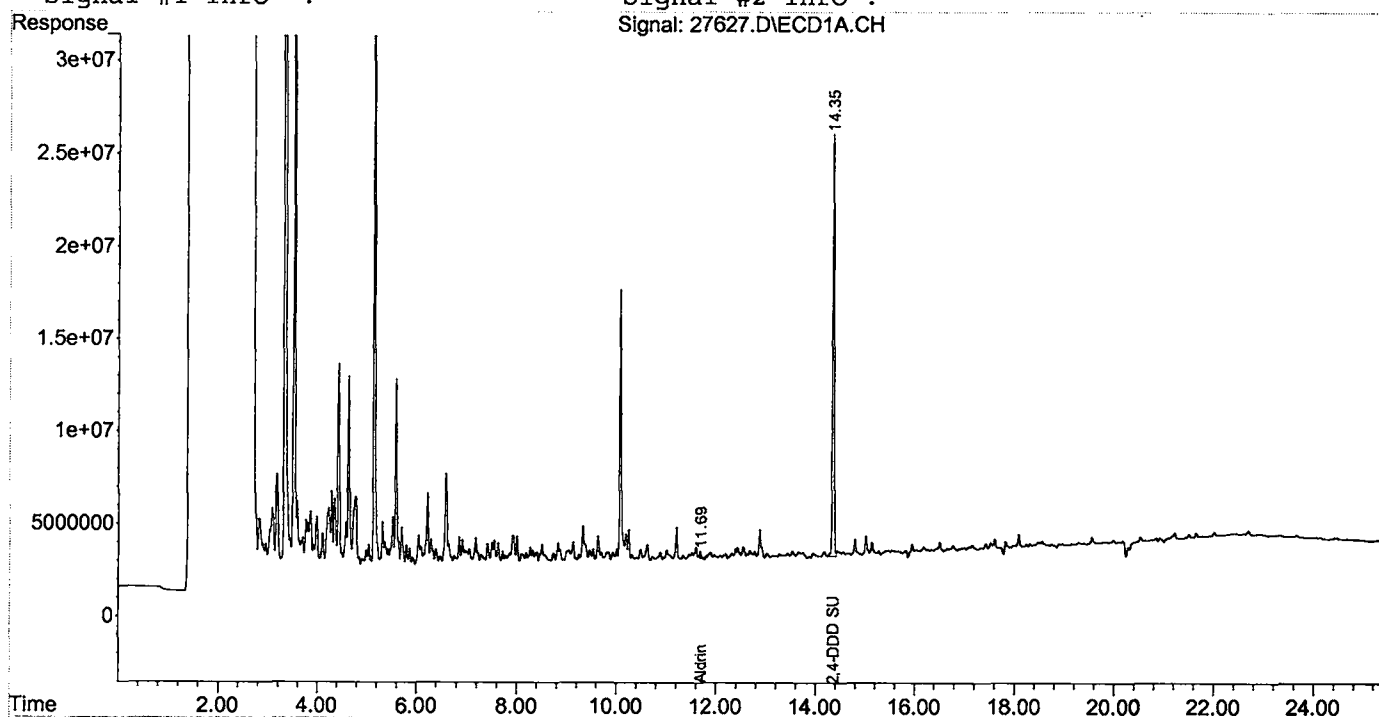
| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ug/l   | ug/l    |
|-----------------------------|-------|-------|----------|----------|--------|---------|
| -----                       |       |       |          |          |        |         |
| System Monitoring Compounds |       |       |          |          |        |         |
| 10) s 2,4-DDD SURROGAT      | 14.35 | 14.98 | 494.6E6  | 386.1E6  | 0.158m | 0.137   |
| Spiked Amount 0.200         |       |       | Recovery | =        | 79.00% | 68.50%  |
| Target Compounds            |       |       |          |          |        |         |
| 4) Aldrin                   | 11.69 | 11.96 | 5984317  | 39217407 | 0.001m | 0.006m# |

## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011214C\27627.D\ECD1A.CH Vial: 36  
Signal #2 : C:\MSDCHEM\1\DATA\508\011214C\27627.D\ECD2B.CH  
Acq On : 16 Dec 2001 2:44 pm Operator: Nefliu  
Sample : sample Inst : Instrumen  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Jan 3 9:59 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: 27627.D\ECD1A.CH



Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011214C\27627.D\ECD1A.CH Vial: 36  
 Signal #2 : C:\MSDCHEM\1\DATA\508\011214C\27627.D\ECD2B.CH  
 Acq On : 16 Dec 2001 2:44 pm Operator: Nefliu  
 Sample : sample Inst : Instrumen  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
 Quant Time: Jan 03 11:42:19 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 | 485.6E6  | 386.1E6 | 0.140m | 0.142  |
| Spiked Amount               | 0.200 |       | Recovery | =       | 70.00% | 71.00% |

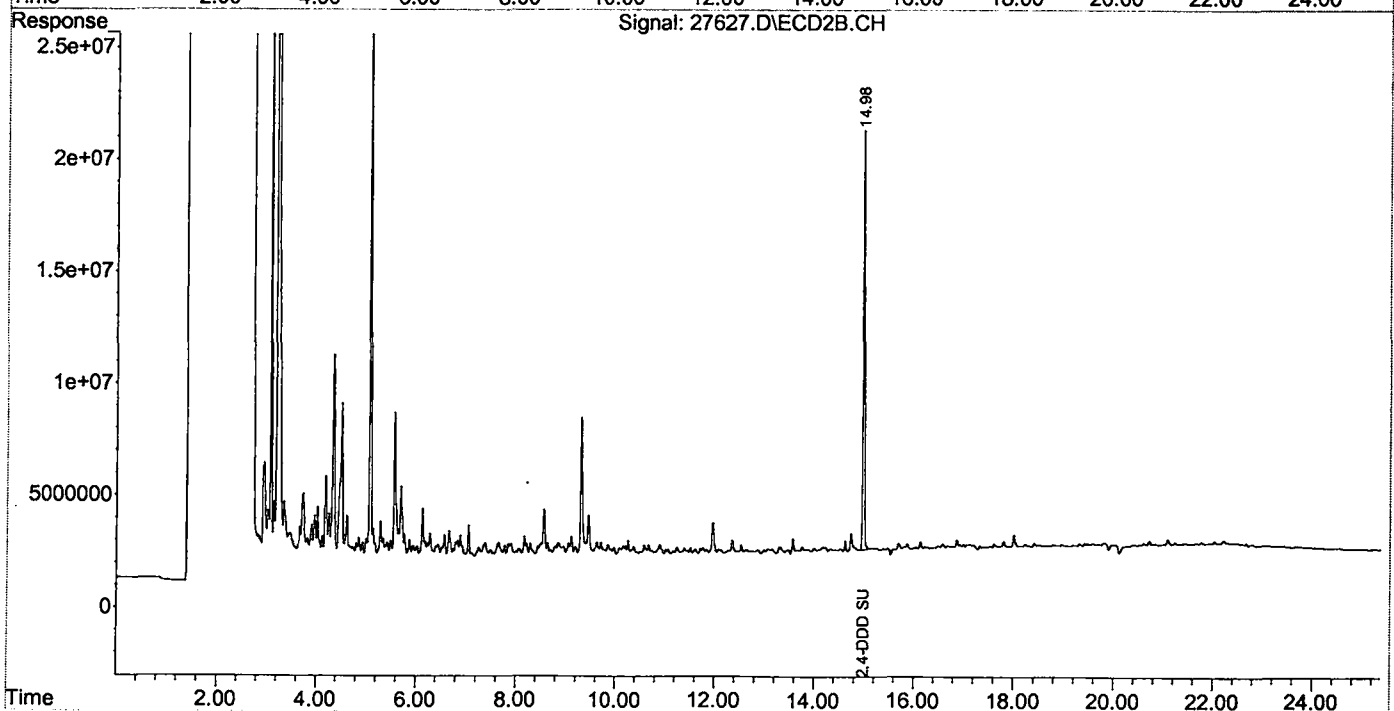
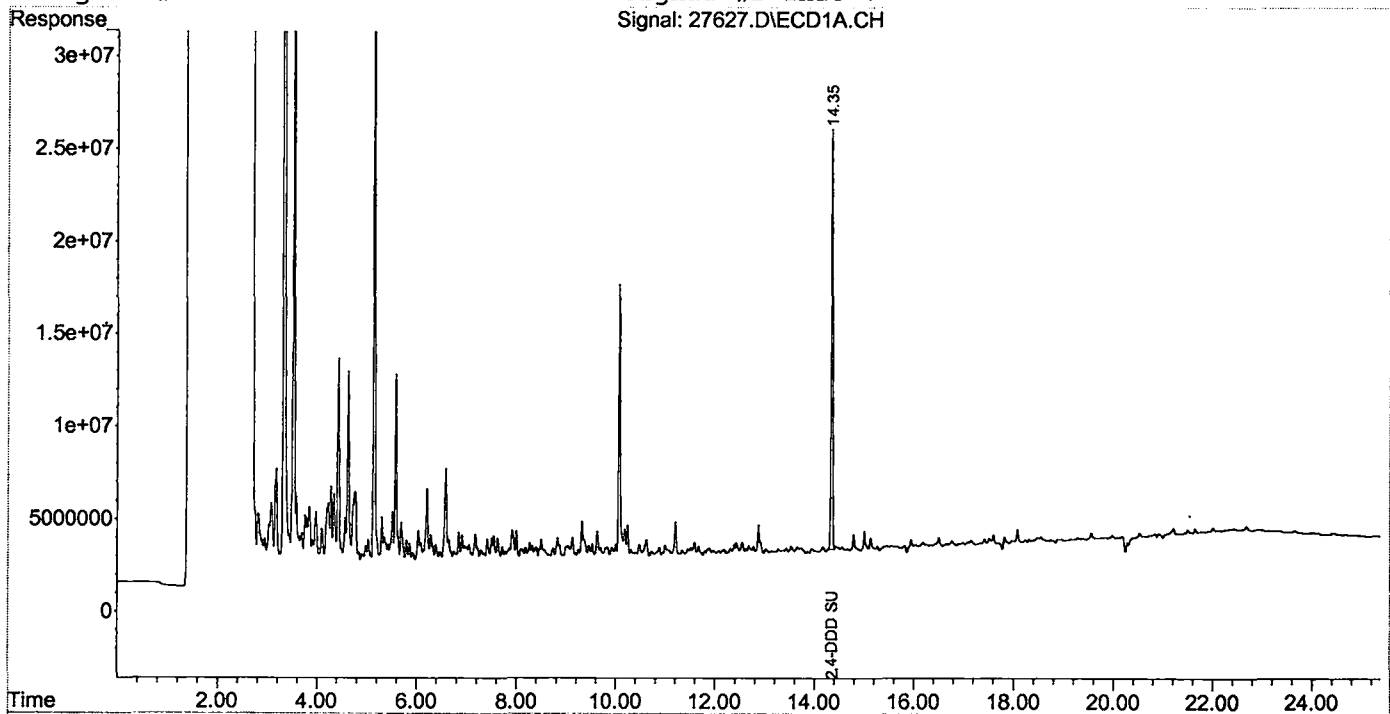
Target Compounds

## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011214C\27627.D\ECD1A.CH Vial: 36  
Signal #2 : C:\MSDCHEM\1\DATA\508\011214C\27627.D\ECD2B.CH  
Acq On : 16 Dec 2001 2:44 pm Operator: Nefliu  
Sample : sample Inst : Instrumen  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Jan 3 11:42 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: 27627.D\ECD1A.CH

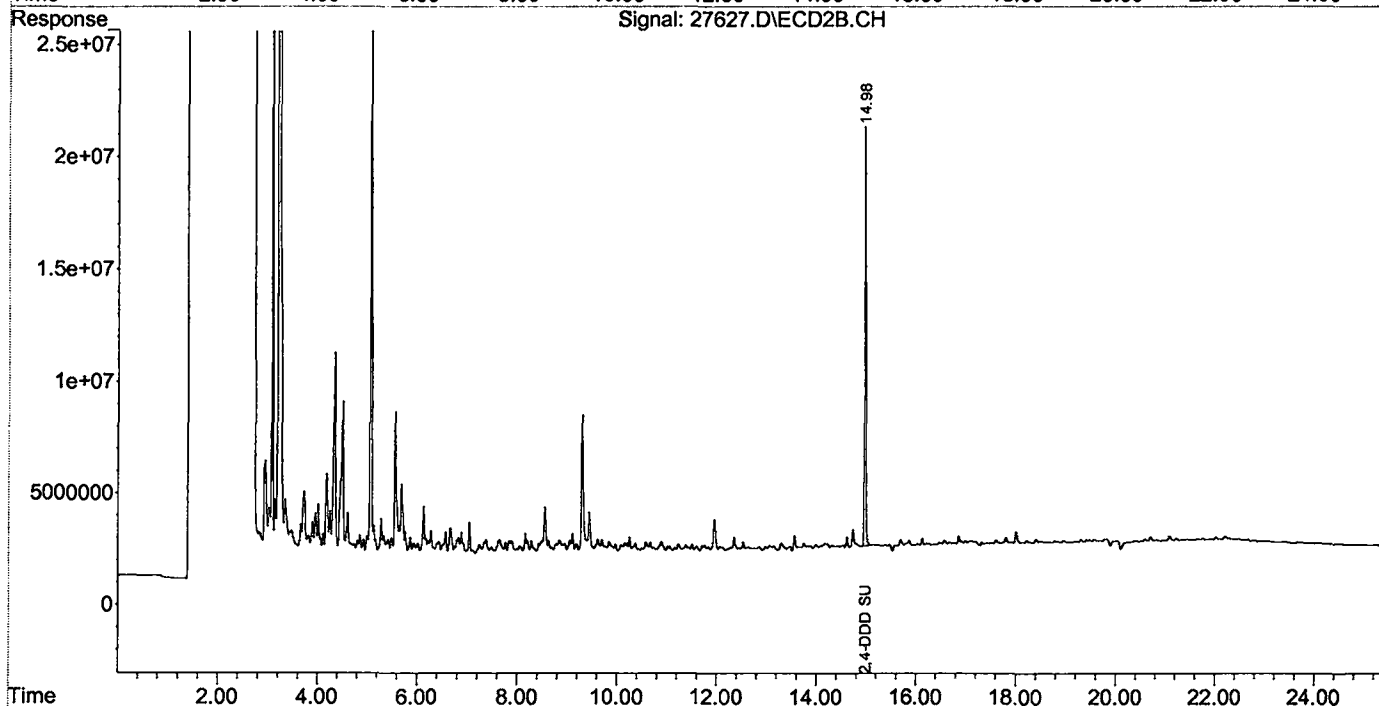
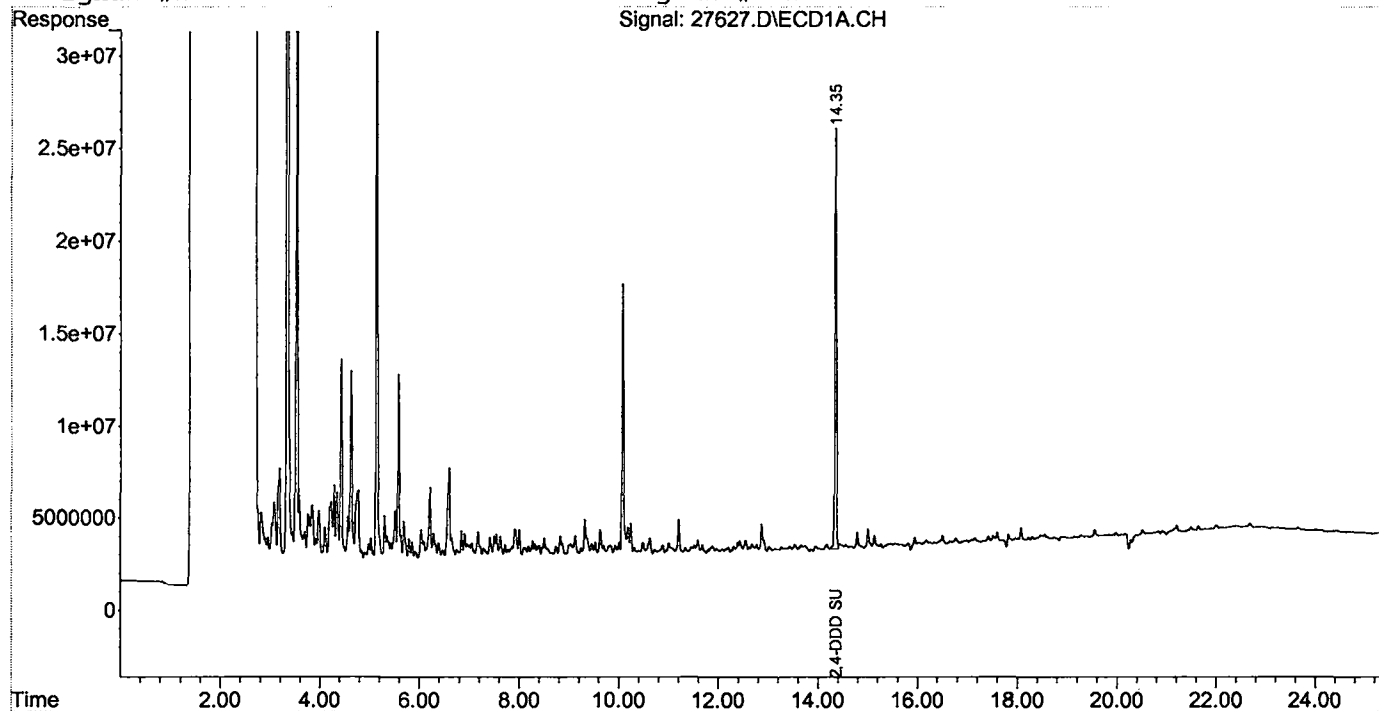


## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011214C\27627.D\ECD1A.CH Vial: 36  
Signal #2 : C:\MSDCHEM\1\DATA\508\011214C\27627.D\ECD2B.CH  
Acq On : 16 Dec 2001 2:44 pm Operator: Nefliu  
Sample : sample Inst : Instrumen  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Jan 3 10:55 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: 27627.D\ECD1A.CH



## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011214C\27627.D\ECD1A.CH Vial: 36  
Signal #2 : C:\MSDCHEM\1\DATA\508\011214C\27627.D\ECD2B.CH  
Acq On : 16 Dec 2001 2:44 pm Operator: Nefliu  
Sample : sample Inst : Instrumen  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Jan 03 12:02:58 2002 Quant Results File: 1PCB1232.RES

Quant Method : C:\MSDCHEM\1\METHODS\1PCB1232.M (Chemstation Integrator)  
Title : 508 - Arochlor 1232  
Last Update : Thu Jan 03 12:00:36 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 | 494.5E6  | 386.1E6  | 0.175m | 0.136   |
| Spiked Amount 0.200         |       |       | Recovery | =        | 87.50% | 68.00%  |
| Target Compounds            |       |       |          |          |        |         |
| 1) 1232 - peak 1            | 0.00  | 6.40  | 0        | 9346379  | N.D. d | 0.363   |
| 2) 1232 - peak 2            | 8.00  | 8.44  | 76176104 | 11172402 | 1.501  | 0.277 # |
| 3) 1232 - peak 3            | 0.00  | 8.96  | 0        | 17453026 | N.D. d | 0.141   |
| 4) 1232 - peak 4            | 0.00  | 11.39 | 0        | 7730402  | N.D. d | 0.104   |
| 5) 1232 - peak 5            | 0.00  | 12.36 | 0        | 22165146 | N.D. d | 0.404   |

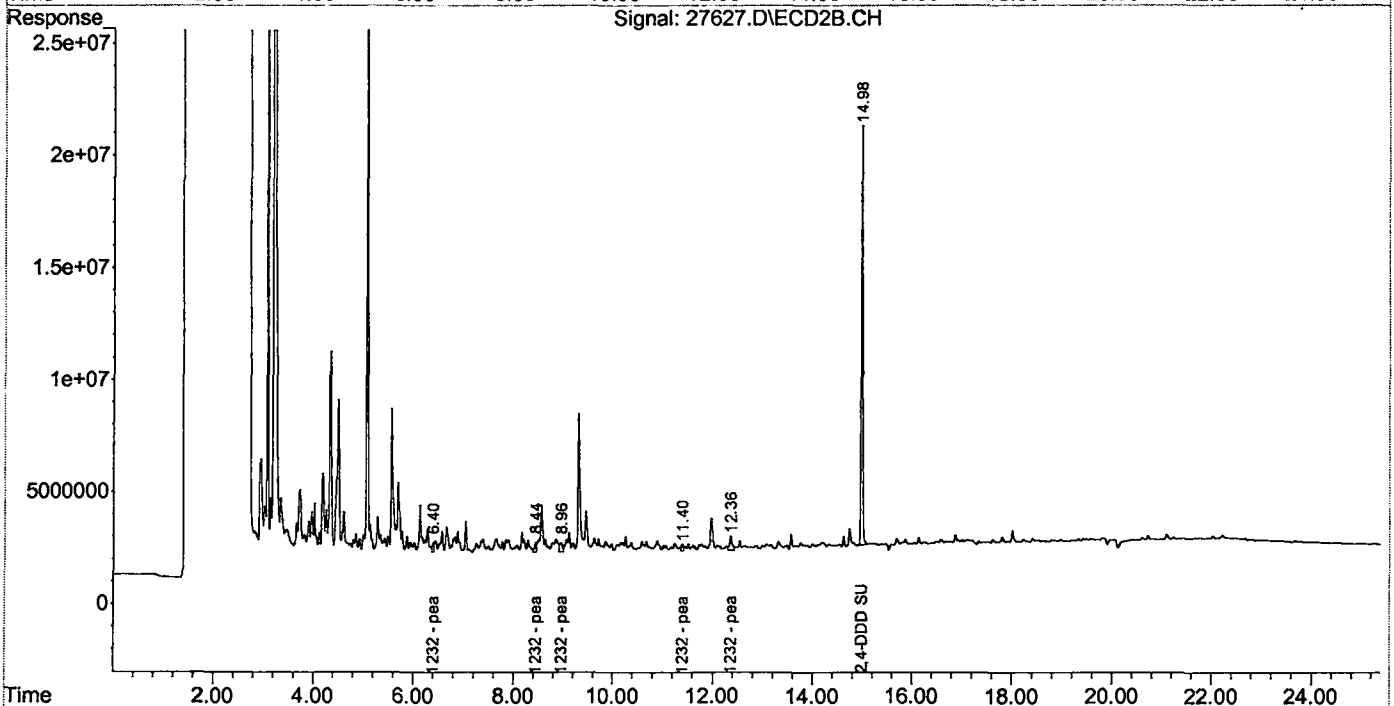
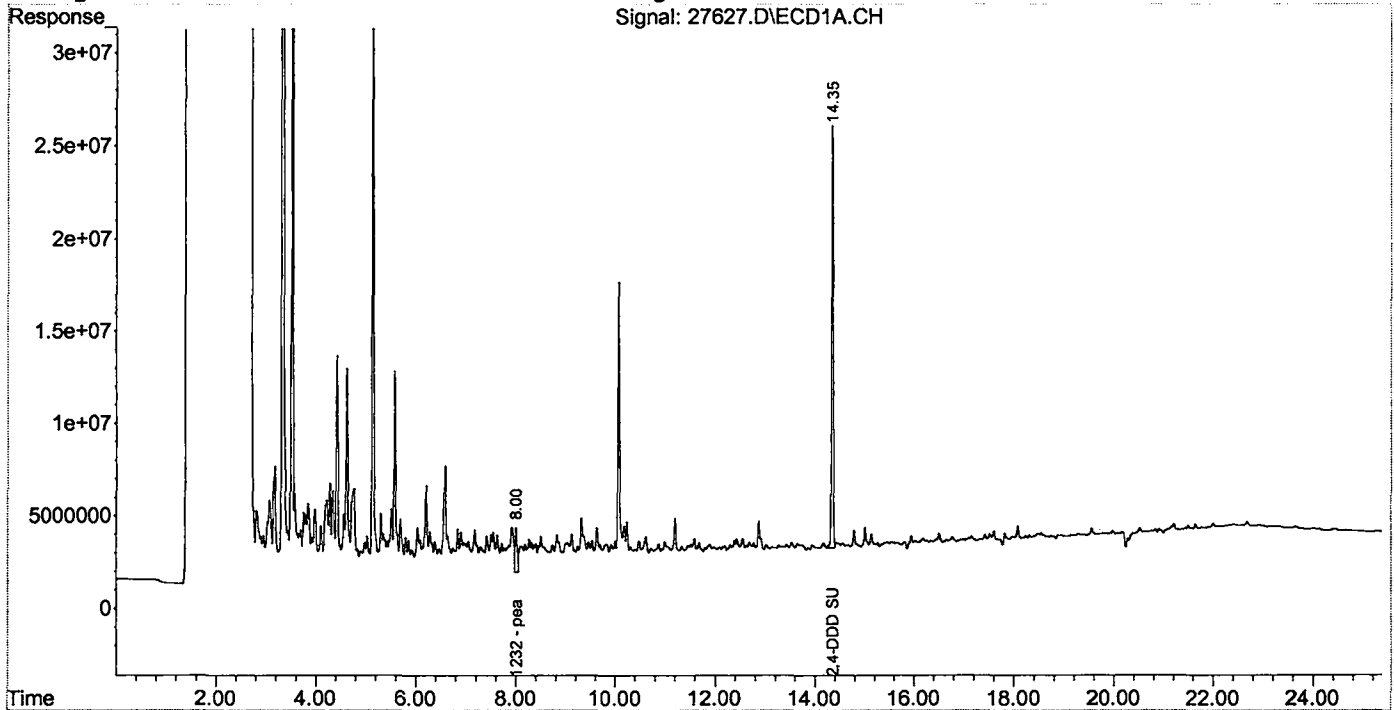
-----  
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
27627.D 1PCB1232.M Thu Jan 03 12:03:13 2002

## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011214C\27627.D\ECD1A.CH Vial: 36  
Signal #2 : C:\MSDCHEM\1\DATA\508\011214C\27627.D\ECD2B.CH  
Acq On : 16 Dec 2001 2:44 pm Operator: Nefliu  
Sample : sample Inst : Instrumen  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Jan 3 12:03 2002 Quant Results File: 1PCB1232.RES

Quant Method : C:\MSDCHEM\1\METHODS\1PCB1232.M (Chemstation Integrator)  
Title : 508 - Arochlor 1232  
Last Update : Thu Jan 03 12:00:36 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: 27627.D\ECD1A.CH



**Comments for Sample AD27627 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-08-2002 Time: 13:00:01

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