

User: Nefliu, Marcela  
 Westchester Dept. of Labs & Research  
 Date: 01/03/2002 Time: 14:13:26

Sample: AD27626  
 Analysis: \$C1508 Pesticides CCV1  
 Units: ug  
 Started: 11/16/01 14:08 Ended: 12/14/01 14:08 Analyst: MN  
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|    | Component Name     | Viol | Result | Qualifier | MDL   |
|----|--------------------|------|--------|-----------|-------|
| 1  | Propachlor         |      | 108    |           | 0.040 |
| 2  | Lindane            |      | 96     |           | 0.030 |
| 3  | Heptachlor         |      | 95     |           | 0.020 |
| 4  | Aldrin             |      | 96     |           | 0.010 |
| 5  | Heptachlor Epoxide |      | 100    |           | 0.030 |
| 6  | 4,4-DDE            |      | 96     |           | 0.080 |
| 7  | Dieldrin           |      | 88     |           | 0.016 |
| 8  | Endrin             |      | 95     |           | 0.020 |
| 9  | Methoxychlor       |      | 98     |           | 0.039 |
| 10 | Chlordane          |      | 100    |           | 0.40  |
| 11 | Toxaphene          |      | 92     |           | 0.40  |
| 12 | PCB's              |      | 100    |           | 0.20  |
| 13 | Surr_2,4-DDD       |      | 108    |           |       |

## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011214C\PESTC1.D\ECD1A.CH Vial: 13  
 Signal #2 : C:\MSDCHEM\1\DATA\508\011214C\PESTC1.D\ECD2B.CH  
 Acq On : 14 Dec 2001 8:03 pm Operator: Nefliu  
 Sample : pest ic1 Inst : Instrume  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
 Quant Time: Dec 27 14:44:55 2001 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      | 14.34 | 14.97 | 672.8E6  | 547.5E6  | 0.215m                  | 0.195m |
| Spiked Amount               | 0.200 |       | Recovery | =        | 107.50%                 | 97.50% |
| Target Compounds            |       |       |          |          |                         |        |
| 1) Propachlor               | 9.04  | 8.49  | 20571965 | 15500397 | 0.043m <sup>107.5</sup> | 0.041m |
| 2) g-BHC                    | 9.82  | 10.17 | 412.8E6  | 321.9E6  | 0.054m <sup>2.516</sup> | 0.053m |
| 3) Heptachlor               | 10.98 | 11.22 | 127.1E6  | 87115467 | 0.018m <sup>95.7</sup>  | 0.018m |
| 4) Aldrin                   | 11.69 | 11.97 | 176.6E6  | 141.9E6  | 0.023m <sup>9.6</sup>   | 0.023m |
| 5) Heptachlor Epoxi         | 13.13 | 13.33 | 320.0E6  | 257.3E6  | 0.048m <sup>100</sup>   | 0.048m |
| 6) 4,4-DDE                  | 13.96 | 14.54 | 488.7E6  | 398.7E6  | 0.077m <sup>9.6</sup>   | 0.077m |
| 7) Dieldrin                 | 14.54 | 14.80 | 103.4E6  | 82560222 | 0.014m <sup>8.8</sup>   | 0.014m |
| 8) Endrin                   | 15.04 | 15.46 | 188.5E6  | 150.3E6  | 0.038m <sup>9.5</sup>   | 0.038m |
| 9) Methoxychlor             | 16.99 | 18.01 | 188.0E6  | 107.3E6  | 0.078m <sup>9.7</sup>   | 0.076m |

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 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

PESTC1.D 011214P.M Thu Dec 27 14:49:08 2001

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## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011214C\CHLC1.D\ECD1A.CH Vial: 5  
 Signal #2 : C:\MSDCHEM\1\DATA\508\011214C\CHLC1.D\ECD2B.CH  
 Acq On : 14 Dec 2001 4:15 pm Operator: Nefliu  
 Sample : chl ic1 Inst : Instrumen  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
 Quant Time: Jan 03 11:30:01 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       | 14.34 | 14.97 | 710.9E6  | 542.6E6  | 0.204m  | 0.200   |
| Spiked Amount               | 0.200 |       | Recovery | =        | 102.00% | 100.00% |
| Target Compounds            |       |       |          |          |         |         |
| 1) Chlordane Peak 1         | 10.79 | 10.87 | 88940213 | 70844424 | 0.390m  | 0.383   |
| 2) Chlordane Peak 2         | 12.05 | 12.38 | 120.8E6  | 84620303 | 0.432m  | 0.422m  |
| 3) Chlordane Peak 3         | 13.41 | 13.75 | 312.1E6  | 230.1E6  | 0.392m  | 0.382m  |

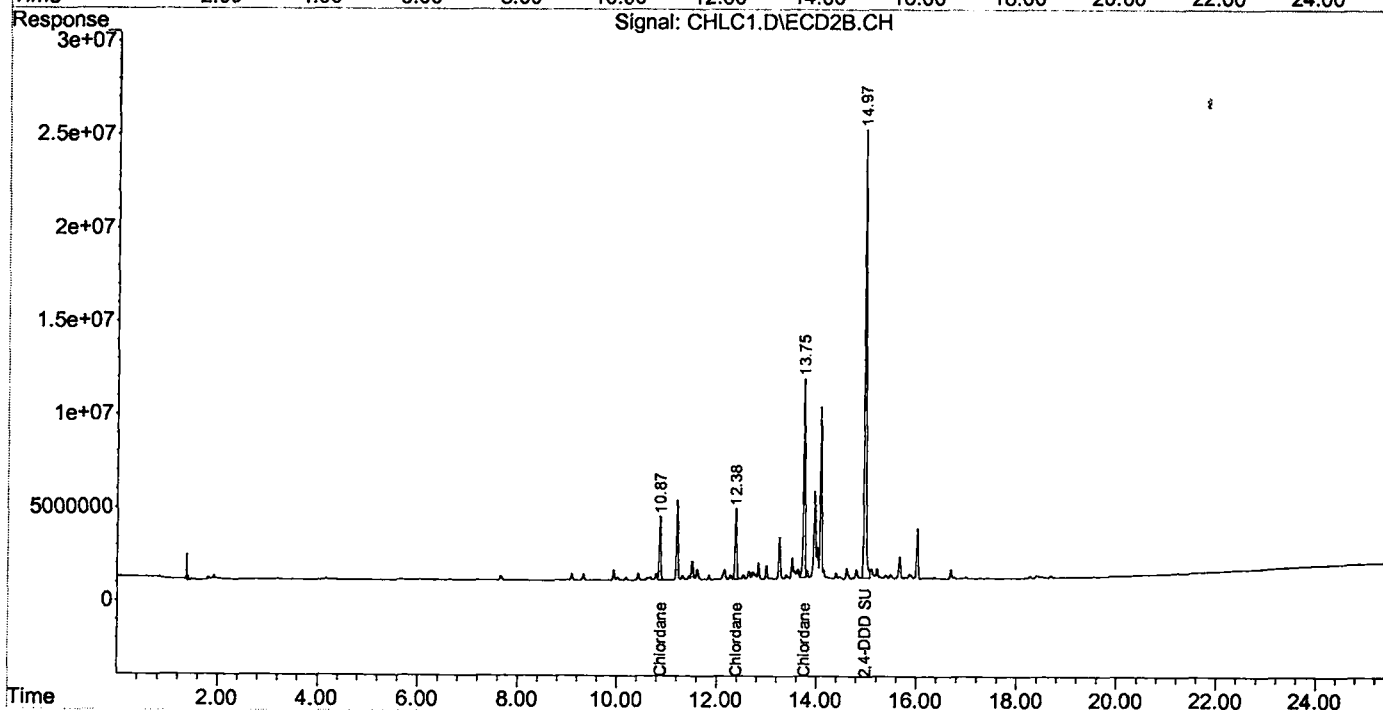
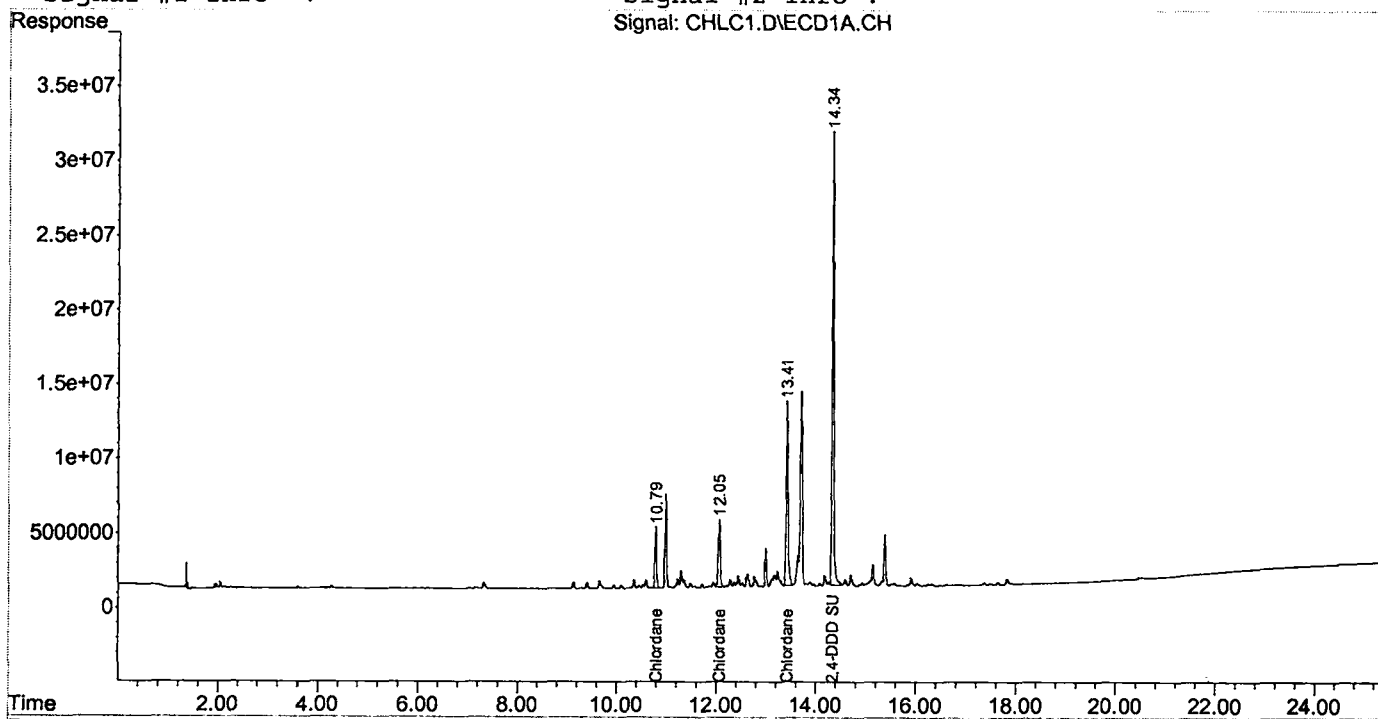
$\bar{x} = 0.4$   
 (100%)

## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011214C\CHLC1.D\ECD1A.CH Vial: 5  
Signal #2 : C:\MSDCHEM\1\DATA\508\011214C\CHLC1.D\ECD2B.CH  
Acq On : 14 Dec 2001 4:15 pm Operator: Nefliu  
Sample : chl icl Inst : Instrumen  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Jan 3 11:30 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 : Multiple Level Calibration  
DataAcq Meth : MDL508.M

Volume Inj. :  
Signal #1 Phase :  
Signal #1 Info :  
Signal #2 Phase :  
Signal #2 Info :  
Signal: CHLC1.D\ECD1A.CH



Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011214C\TOXC1.D\ECD1A.CH Vial: 9  
 Signal #2 : C:\MSDCHEM\1\DATA\508\011214C\TOXC1.D\ECD2B.CH  
 Acq On : 14 Dec 2001 6:09 pm Operator: Nefliu  
 Sample : tox ic1 Inst : Instrumen  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
 Quant Time: Dec 27 15:44:32 2001 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       | 14.34 | 14.97 | 678.9E6  | 546.6E6  | 0.186m | 0.187m  |
| Spiked Amount               | 0.200 |       | Recovery | =        | 93.00% | 93.50%  |
| Target Compounds            |       |       |          |          |        |         |
| 1) Toxaphene Peak 1         | 14.75 | 15.70 | 25336875 | 15479617 | 0.465m | 0.655m# |
| 2) Toxaphene Peak 2         | 15.12 | 16.12 | 45691844 | 69748540 | 0.628m | 0.588m  |
| 3) Toxaphene Peak 3         | 15.53 | 16.28 | 27137482 | 23671585 | 0.669m | 0.622m  |
| 4) Toxaphene Peak 4         | 17.17 | 16.71 | 102.0E6  | 64213919 | 0.599m | 0.596m  |
| 5) Toxaphene Peak 5         | 17.55 | 17.78 | 40101736 | 76218350 | 0.570m | 0.583m  |

$$\bar{x} = 0.59$$

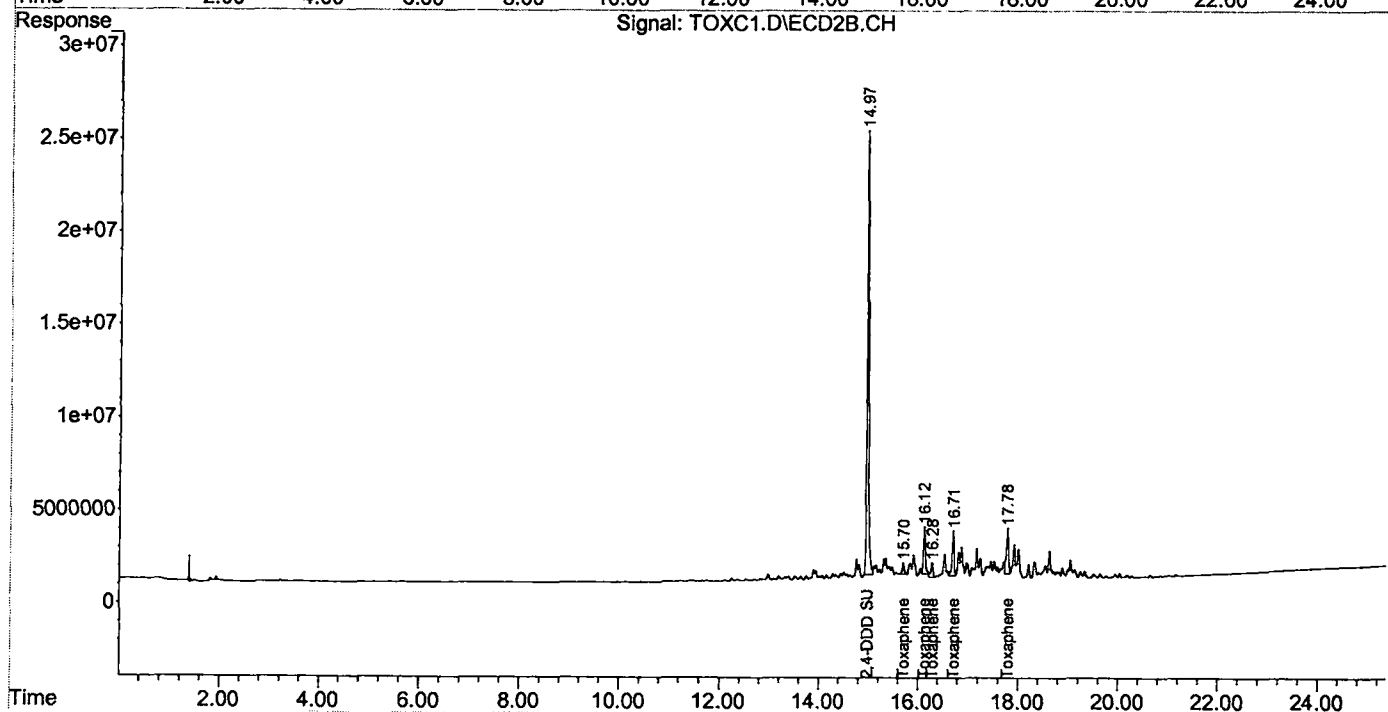
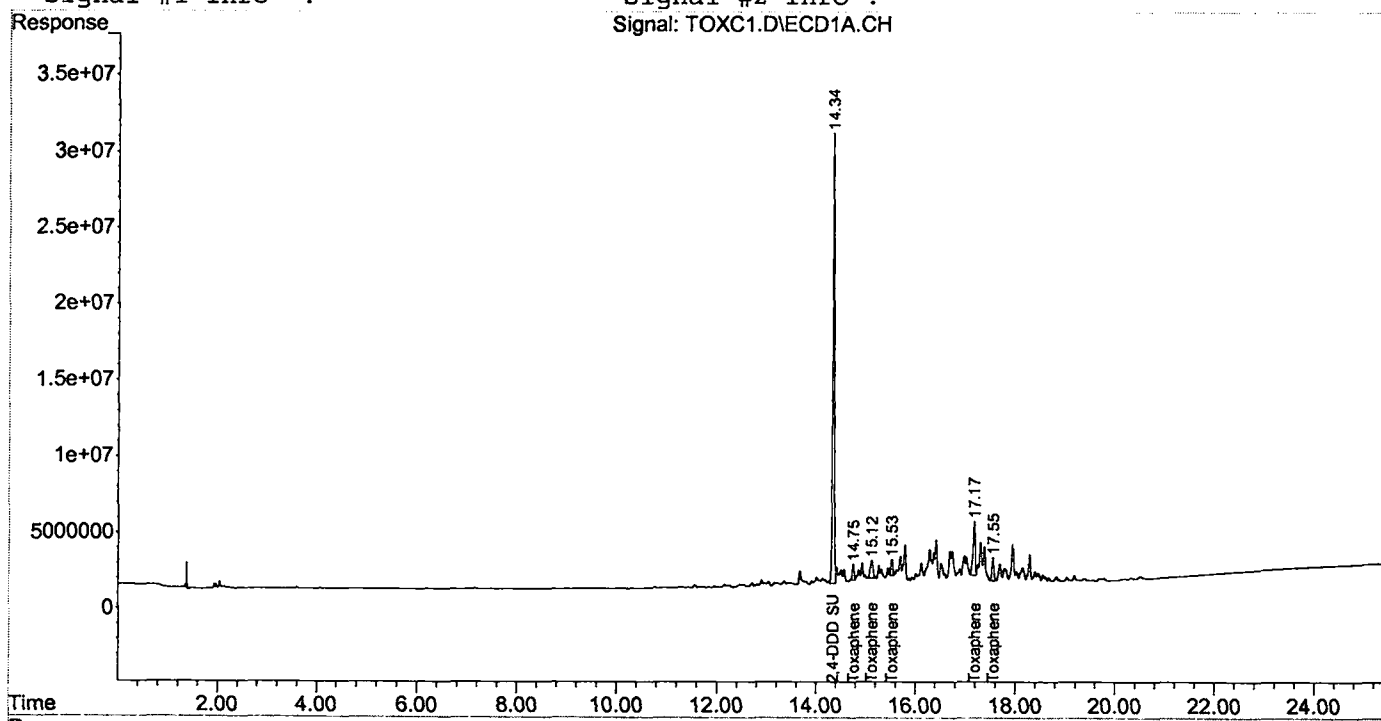
(92.1)

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011214C\TOXC1.D\ECD1A.CH Vial: 9  
 Signal #2 : C:\MSDCHEM\1\DATA\508\011214C\TOXC1.D\ECD2B.CH  
 Acq On : 14 Dec 2001 6:09 pm Operator: Nefliu  
 Sample : tox ic1 Inst : Instrumen  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
 Quant Time: Jan 3 10:34 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 #1 Info :  
 Signal #2 Phase :  
 Signal #2 Info :  
 Signal: TOXC1.D\ECD1A.CH



## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011214C\1232C2.D\ECD1A.CH Vial: 4  
Signal #2 : C:\MSDCHEM\1\DATA\508\011214C\1232C2.D\ECD2B.CH  
Acq On : 14 Dec 2001 3:46 pm Operator: Nefliu  
Sample : 1232 c2 Inst : Instrumen  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Jan 03 11:55:10 2002 Quant Results File: 1PCB1232.RES

Quant Method : C:\MSDCHEM\1\METHODS\1PCB1232.M (Chemstation Integrator)  
Title : 508 - Arochlor 1232  
Last Update : Wed Jan 02 08:52:46 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

| Target Compounds |               |       |       |          |          |              |
|------------------|---------------|-------|-------|----------|----------|--------------|
| 1)               | 1232 - peak 1 | 6.08  | 6.40  | 6723927  | 5106473  | 0.197m 0.198 |
| 2)               | 1232 - peak 2 | 8.01  | 8.41  | 10432404 | 8053951  | 0.206m 0.200 |
| 3)               | 1232 - peak 3 | 8.50  | 8.92  | 30861295 | 24757740 | 0.210 0.200  |
| 4)               | 1232 - peak 4 | 9.41  | 11.34 | 24572679 | 14846782 | 0.205 0.200m |
| 5)               | 1232 - peak 5 | 11.02 | 12.43 | 13729161 | 10945393 | 0.202 0.199  |

*T=0.20  
(100%)*

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011214C\1232C2.D\ECD1A.CH Vial: 4  
 Signal #2 : C:\MSDCHEM\1\DATA\508\011214C\1232C2.D\ECD2B.CH  
 Acq On : 14 Dec 2001 3:46 pm Operator: Nefliu  
 Sample : 1232 c2 Inst : Instrumen  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
 Quant Time: Jan 3 11:55 2002 Quant Results File: 1PCB1232.RES

Quant Method : C:\MSDCHEM\1\METHODS\1PCB1232.M (Chemstation Integrator)  
 Title : 508 - Arochlor 1232  
 Last Update : Wed Jan 02 08:52:46 2002  
 Response via : Multiple Level Calibration  
 DataAcq Meth : MDL508.M

Volume Inj. :  
 Signal #1 Phase :  
 Signal #1 Info :  
 Signal #2 Phase :  
 Signal #2 Info :  
 Signal: 1232C2.D\ECD1A.CH

