

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040324\  
 Data File : PL088896.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Apr 2024 11:43  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 03 12:35:38 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 13 15:45:55 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|-----------|
| -----                       |                 |        |        |          |          |          |           |
| System Monitoring Compounds |                 |        |        |          |          |          |           |
| 1)                          | SA Tetrachlo... | 3.633  | 2.851  | 126.2E6  | 68264731 | 47.617   | 51.221    |
| 28)                         | SA Decachlor... | 9.302  | 8.078  | 109.2E6  | 71674637 | 44.168   | 52.860    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.098  | 3.365  | 197.7E6  | 105.8E6  | 49.521   | 52.660    |
| 3)                          | MA gamma-BHC... | 4.437  | 3.701  | 192.0E6  | 102.9E6  | 49.496   | 53.604    |
| 4)                          | MA Heptachlor   | 5.037  | 4.050  | 185.2E6  | 98652109 | 48.778   | 54.815    |
| 5)                          | MB Aldrin       | 5.384  | 4.335  | 182.6E6  | 101.4E6  | 49.831   | 56.121    |
| 6)                          | B beta-BHC      | 4.634  | 4.003  | 83879925 | 44465534 | 47.298   | 51.870    |
| 7)                          | B delta-BHC     | 4.886  | 4.238  | 190.0E6  | 102.3E6  | 47.163   | 53.465    |
| 8)                          | B Heptachlo...  | 5.816  | 4.845  | 179.0E6  | 90326279 | 52.110   | 54.926    |
| 9)                          | A Endosulfan I  | 6.206  | 5.220  | 153.9E6  | 80834356 | 50.337   | 53.773    |
| 10)                         | B gamma-Chl...  | 6.075  | 5.099  | 176.6E6  | 91727299 | 53.007   | 55.380    |
| 11)                         | B alpha-Chl...  | 6.156  | 5.164  | 170.5E6  | 91909958 | 51.291   | 55.370    |
| 12)                         | B 4,4'-DDE      | 6.329  | 5.357  | 148.7E6  | 83234192 | 49.755   | 57.065    |
| 13)                         | MA Dieldrin     | 6.485  | 5.490  | 161.7E6  | 90887076 | 49.874   | 55.960    |
| 14)                         | MA Endrin       | 6.717  | 5.769  | 139.7E6  | 78893719 | 51.099   | 54.733    |
| 15)                         | B Endosulfa...  | 6.938  | 6.066  | 146.6E6  | 78618918 | 51.170   | 54.677    |
| 16)                         | A 4,4'-DDD      | 6.852  | 5.919  | 133.5E6  | 72047655 | 52.403   | 57.852    |
| 17)                         | MA 4,4'-DDT     | 7.171  | 6.174  | 126.3E6  | 73585866 | 47.390   | 54.825    |
| 18)                         | B Endrin al...  | 7.070  | 6.248  | 93446821 | 61913055 | 44.758   | 59.080 #  |
| 19)                         | B Endosulfa...  | 7.307  | 6.474  | 134.3E6  | 76186775 | 48.646   | 54.912    |
| 20)                         | A Methoxychlor  | 7.651  | 6.757  | 69766422 | 41912701 | 46.310   | 52.256    |
| 21)                         | B Endrin ke...  | 7.798  | 6.987  | 148.1E6  | 90626577 | 50.078   | 54.902    |
| 22)                         | Mirex           | 8.281  | 7.172  | 115.2E6  | 73368453 | 49.137   | 54.410    |
| 23)                         | Chlordane-1     | 0.000  | 3.873  | 0        | 63588    | N.D.     | 1.310 #   |
| 24)                         | Chlordane-2     | 5.384f | 4.473  | 182.6E6  | 744891   | 1388.966 | 12.269 #  |
| 25)                         | Chlordane-3     | 6.075  | 5.099  | 176.6E6  | 91727299 | 355.077  | 537.452 # |
| 26)                         | Chlordane-4     | 6.156  | 5.164  | 170.5E6  | 91909958 | 284.218  | 576.094 # |
| 27)                         | Chlordane-5     | 0.000  | 5.862f | 0        | 390544   | N.D.     | 7.701 #   |
| -----                       |                 |        |        |          |          |          |           |

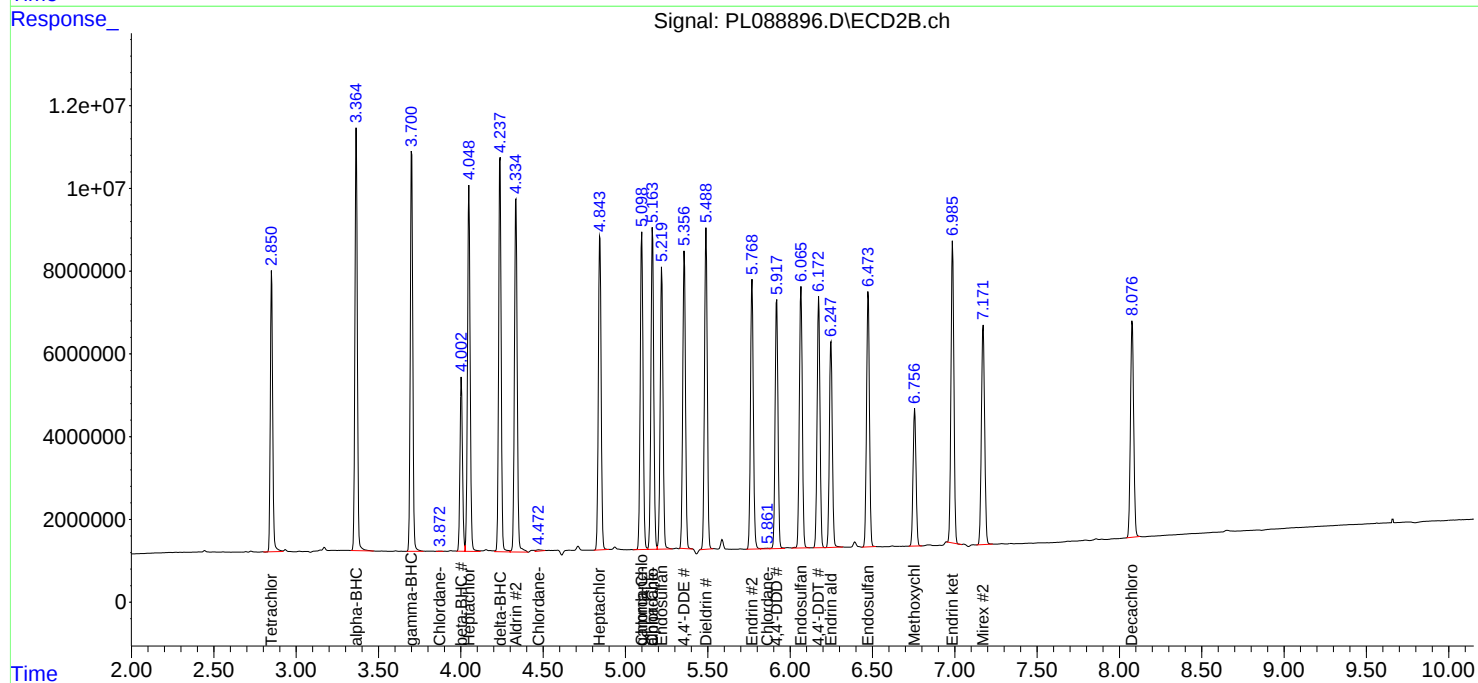
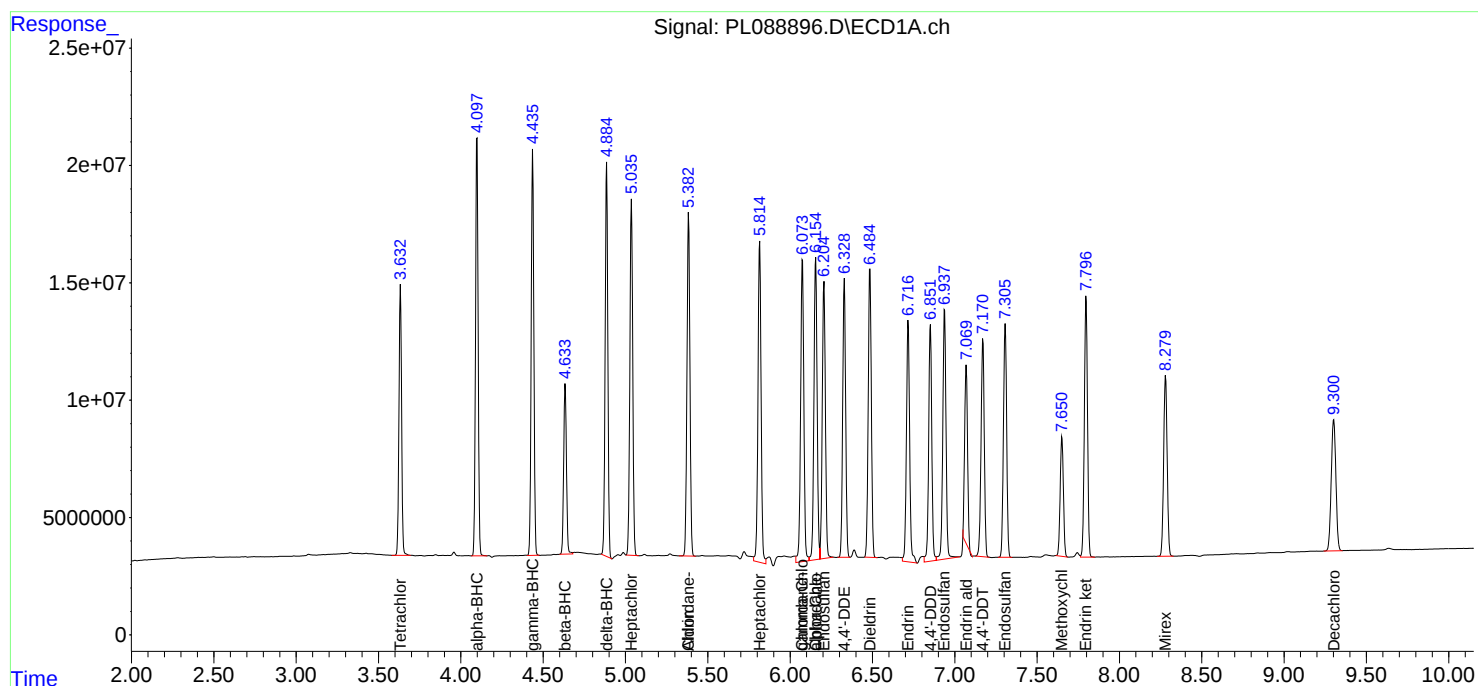
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

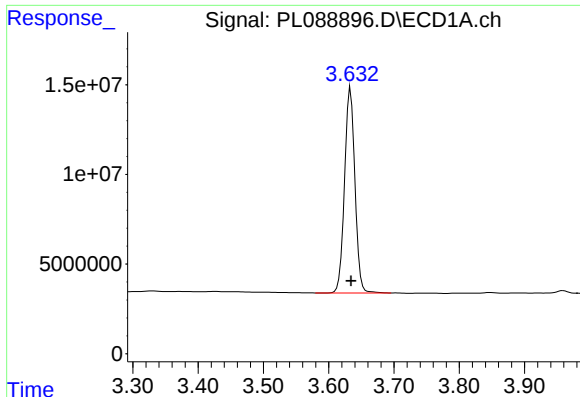
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040324\  
Data File : PL088896.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Apr 2024 11:43  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 03 12:35:38 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 13 15:45:55 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

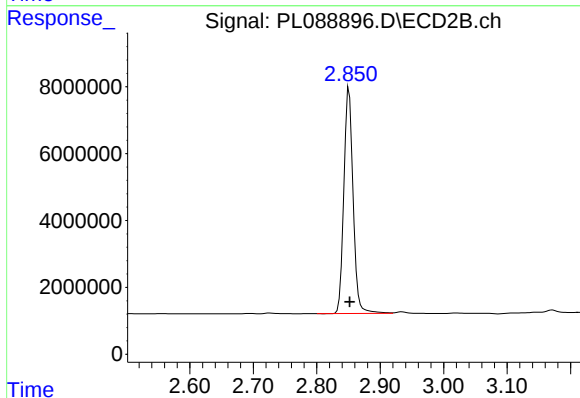




#1 Tetrachloro-m-xylene

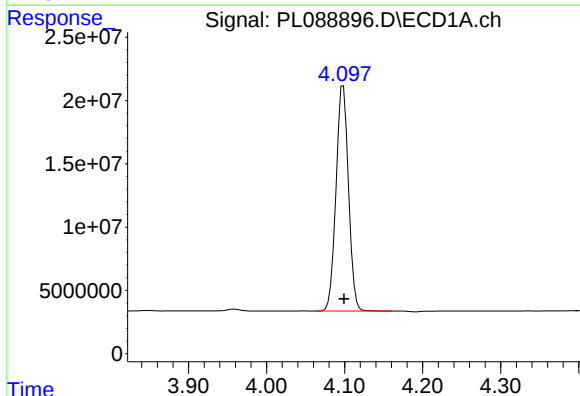
R.T.: 3.633 min  
Delta R.T.: 0.000 min  
Response: 126184695  
Conc: 47.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



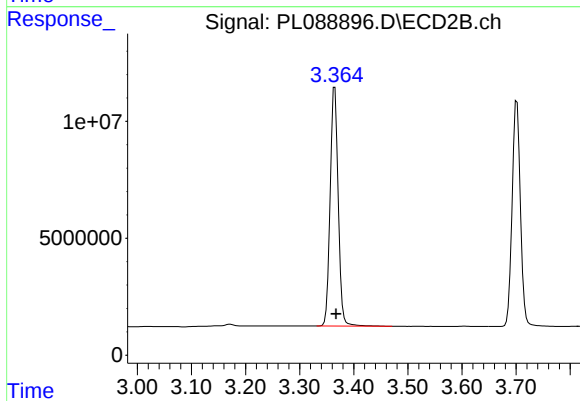
#1 Tetrachloro-m-xylene

R.T.: 2.851 min  
Delta R.T.: -0.001 min  
Response: 68264731  
Conc: 51.22 ng/ml



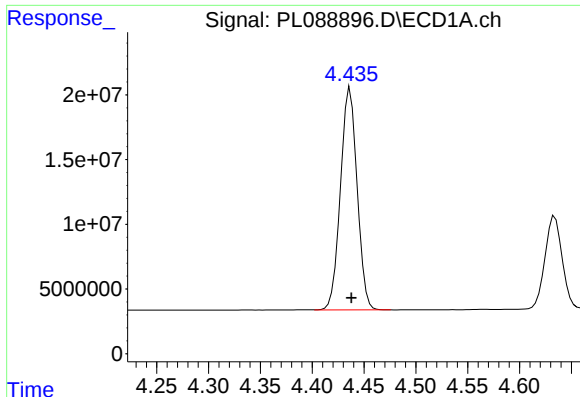
#2 alpha-BHC

R.T.: 4.098 min  
Delta R.T.: 0.000 min  
Response: 197673472  
Conc: 49.52 ng/ml



#2 alpha-BHC

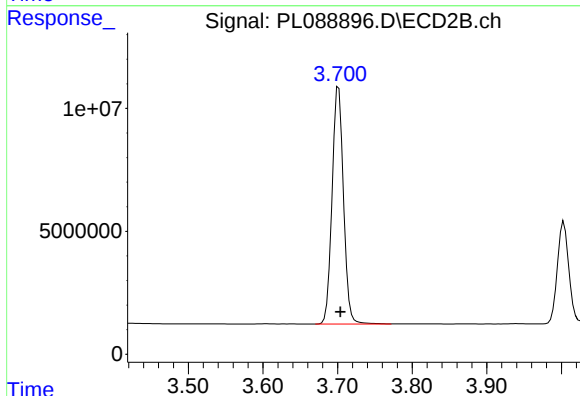
R.T.: 3.365 min  
Delta R.T.: -0.002 min  
Response: 105817958  
Conc: 52.66 ng/ml



#3 gamma-BHC (Lindane)

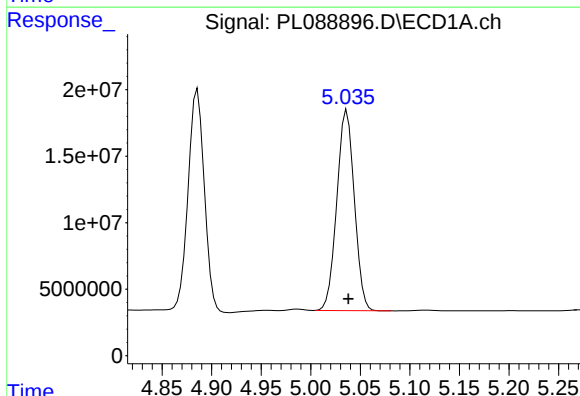
R.T.: 4.437 min  
Delta R.T.: -0.001 min  
Response: 191955618  
Conc: 49.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



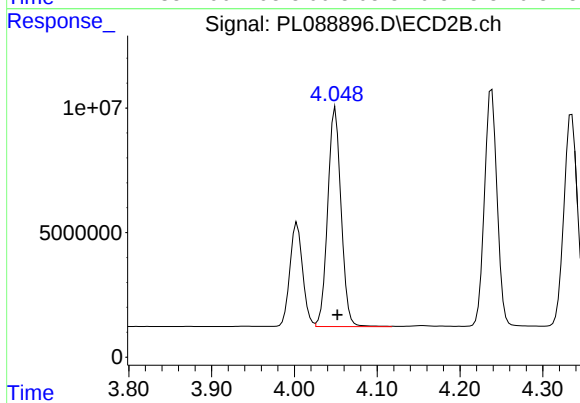
#3 gamma-BHC (Lindane)

R.T.: 3.701 min  
Delta R.T.: -0.002 min  
Response: 102871879  
Conc: 53.60 ng/ml



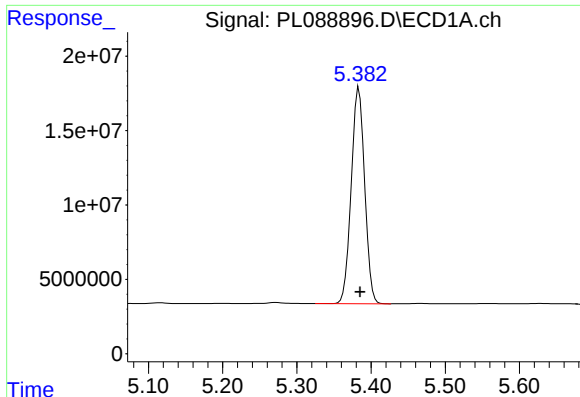
#4 Heptachlor

R.T.: 5.037 min  
Delta R.T.: -0.001 min  
Response: 185233244  
Conc: 48.78 ng/ml



#4 Heptachlor

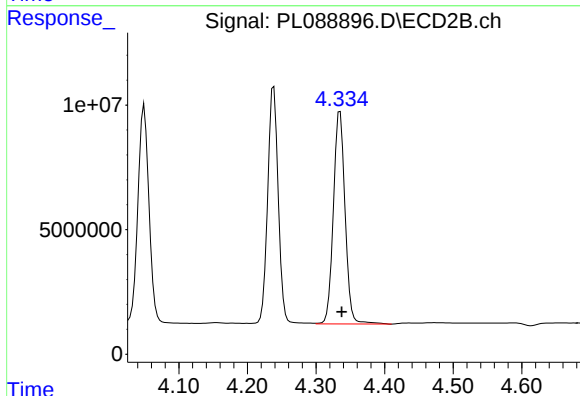
R.T.: 4.050 min  
Delta R.T.: -0.003 min  
Response: 98652109  
Conc: 54.81 ng/ml



#5 Aldrin

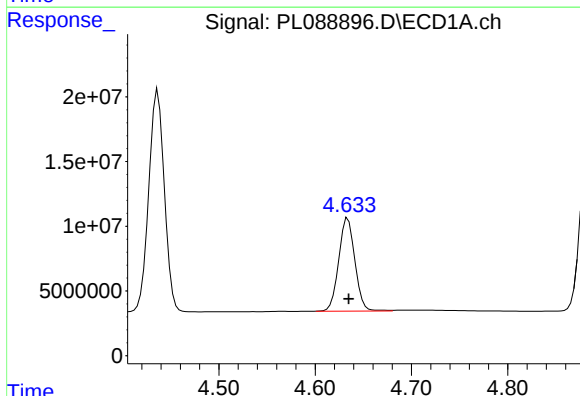
R.T.: 5.384 min  
Delta R.T.: -0.001 min  
Response: 182605148  
Conc: 49.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



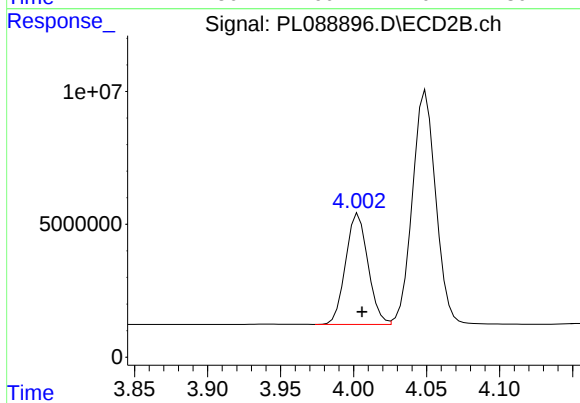
#5 Aldrin

R.T.: 4.335 min  
Delta R.T.: -0.003 min  
Response: 101414195  
Conc: 56.12 ng/ml



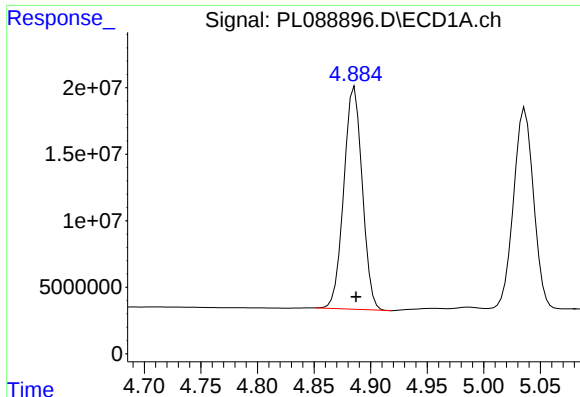
#6 beta-BHC

R.T.: 4.634 min  
Delta R.T.: 0.000 min  
Response: 83879925  
Conc: 47.30 ng/ml



#6 beta-BHC

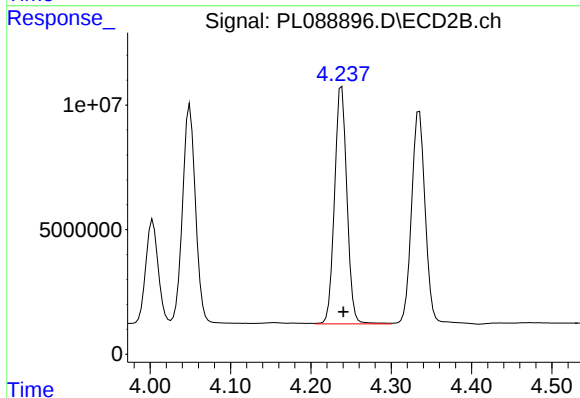
R.T.: 4.003 min  
Delta R.T.: -0.003 min  
Response: 44465534  
Conc: 51.87 ng/ml



#7 delta-BHC

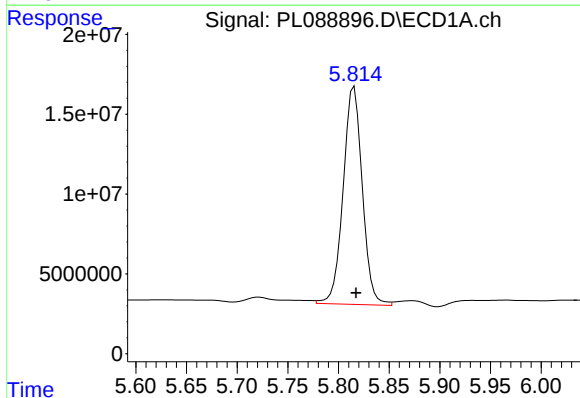
R.T.: 4.886 min  
Delta R.T.: -0.001 min  
Response: 189981509  
Conc: 47.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



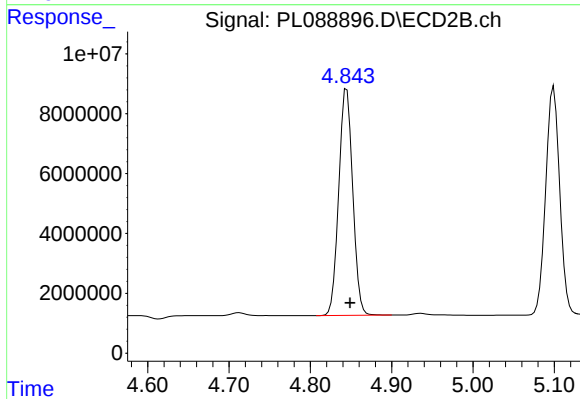
#7 delta-BHC

R.T.: 4.238 min  
Delta R.T.: -0.002 min  
Response: 102282382  
Conc: 53.47 ng/ml



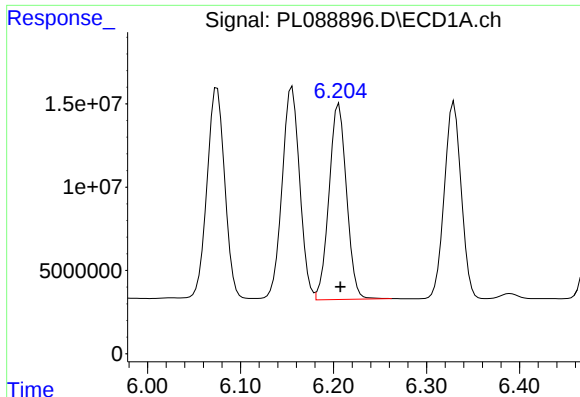
#8 Heptachlor epoxide

R.T.: 5.816 min  
Delta R.T.: -0.002 min  
Response: 178996918  
Conc: 52.11 ng/ml



#8 Heptachlor epoxide

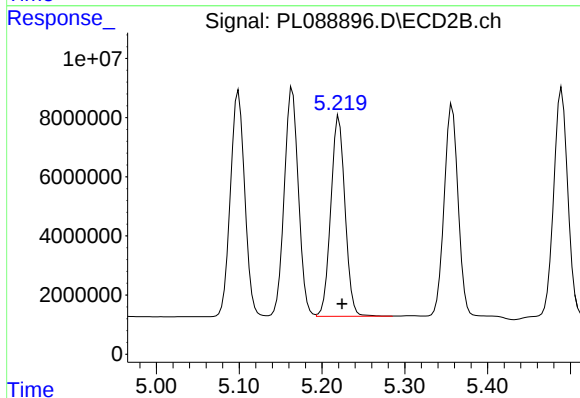
R.T.: 4.845 min  
Delta R.T.: -0.004 min  
Response: 90326279  
Conc: 54.93 ng/ml



#9 Endosulfan I

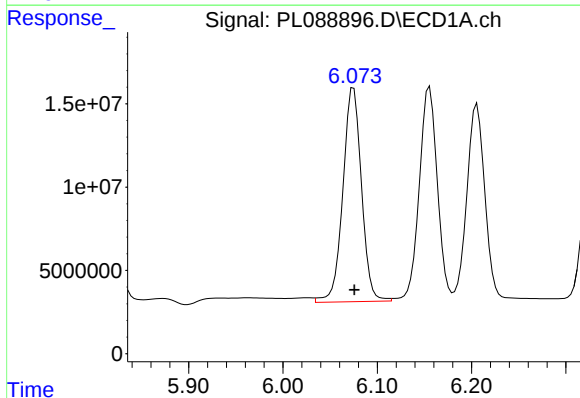
R.T.: 6.206 min  
Delta R.T.: -0.002 min  
Response: 153853601  
Conc: 50.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



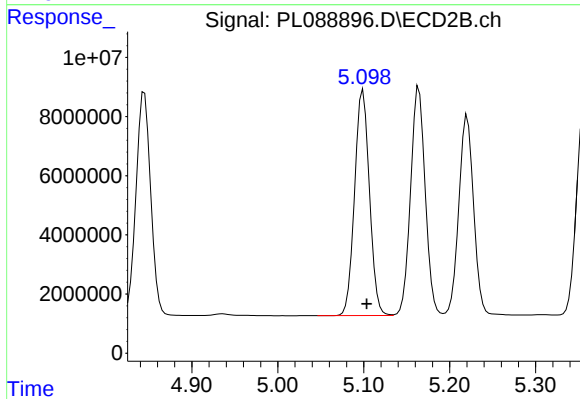
#9 Endosulfan I

R.T.: 5.220 min  
Delta R.T.: -0.004 min  
Response: 80834356  
Conc: 53.77 ng/ml



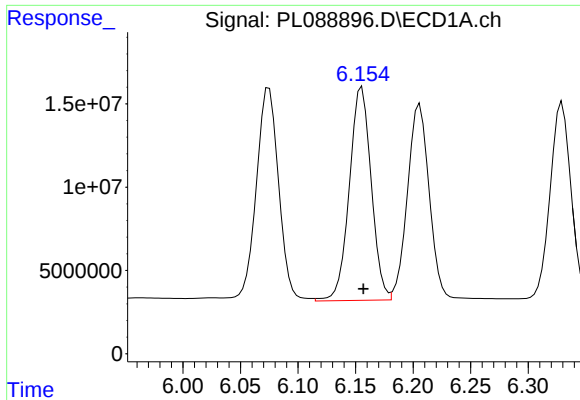
#10 gamma-Chlordane

R.T.: 6.075 min  
Delta R.T.: -0.001 min  
Response: 176556777  
Conc: 53.01 ng/ml



#10 gamma-Chlordane

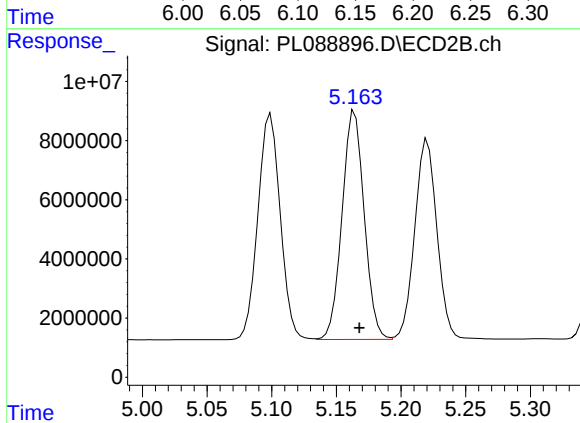
R.T.: 5.099 min  
Delta R.T.: -0.004 min  
Response: 91727299  
Conc: 55.38 ng/ml



#11 alpha-Chlordane

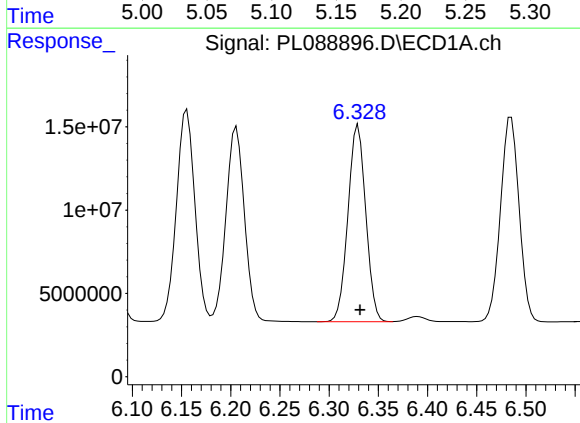
R.T.: 6.156 min  
Delta R.T.: -0.001 min  
Response: 170492863  
Conc: 51.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



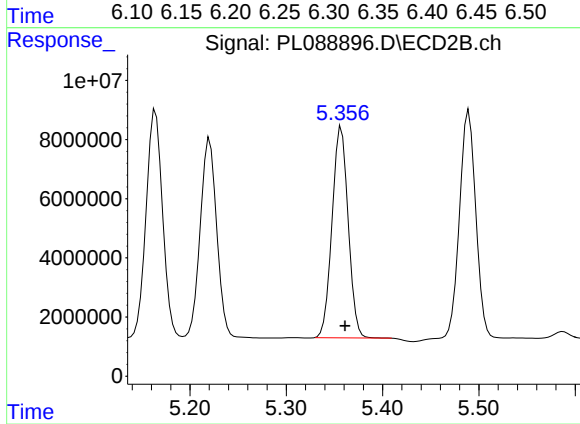
#11 alpha-Chlordane

R.T.: 5.164 min  
Delta R.T.: -0.004 min  
Response: 91909958  
Conc: 55.37 ng/ml



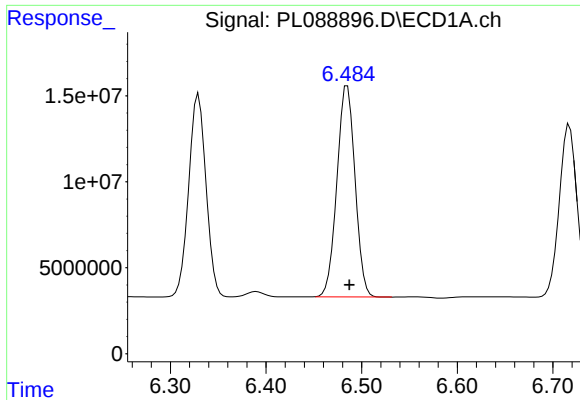
#12 4,4'-DDE

R.T.: 6.329 min  
Delta R.T.: -0.002 min  
Response: 148653760  
Conc: 49.76 ng/ml



#12 4,4'-DDE

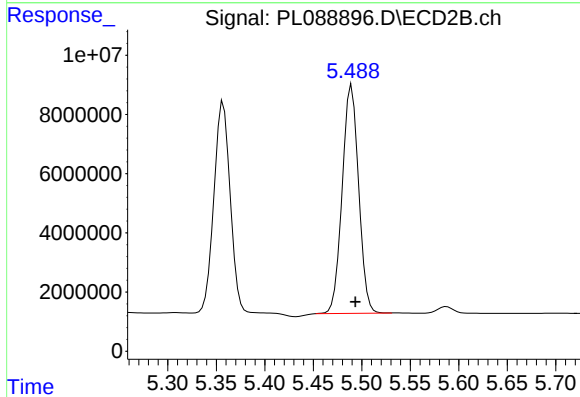
R.T.: 5.357 min  
Delta R.T.: -0.004 min  
Response: 83234192  
Conc: 57.06 ng/ml



#13 Dieldrin

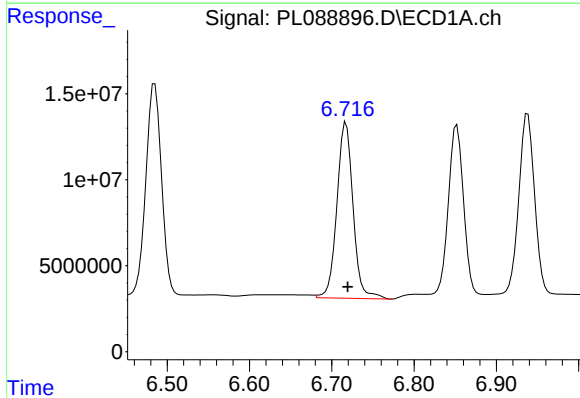
R.T.: 6.485 min  
Delta R.T.: -0.002 min  
Response: 161724673  
Conc: 49.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



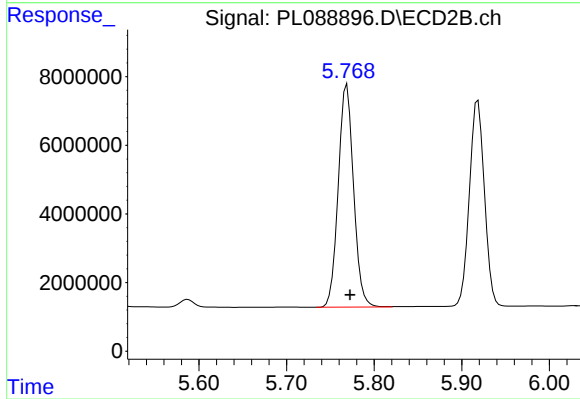
#13 Dieldrin

R.T.: 5.490 min  
Delta R.T.: -0.004 min  
Response: 90887076  
Conc: 55.96 ng/ml



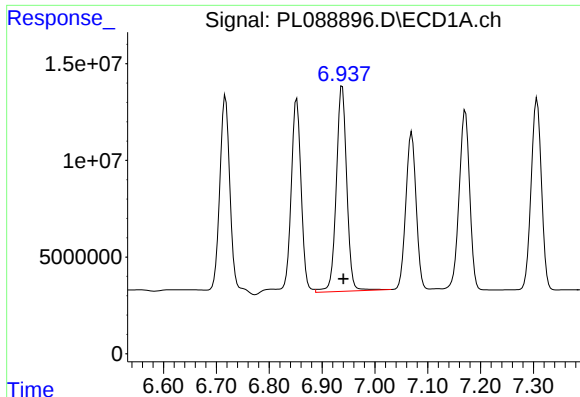
#14 Endrin

R.T.: 6.717 min  
Delta R.T.: -0.002 min  
Response: 139690727  
Conc: 51.10 ng/ml



#14 Endrin

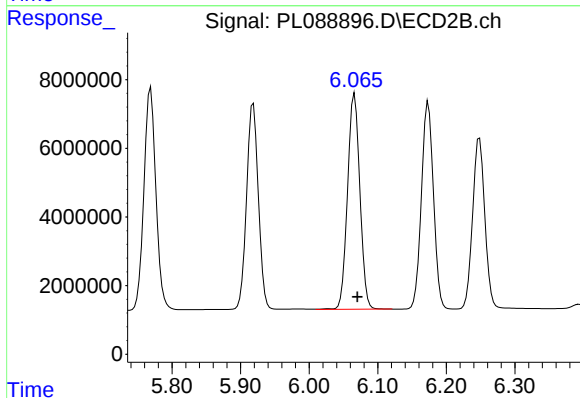
R.T.: 5.769 min  
Delta R.T.: -0.004 min  
Response: 78893719  
Conc: 54.73 ng/ml



#15 Endosulfan II

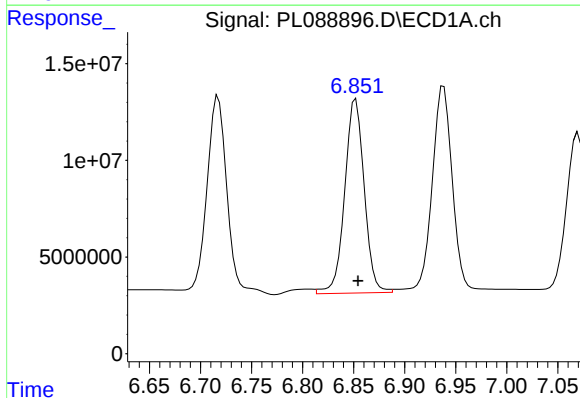
R.T.: 6.938 min  
Delta R.T.: -0.002 min  
Response: 146559565  
Conc: 51.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



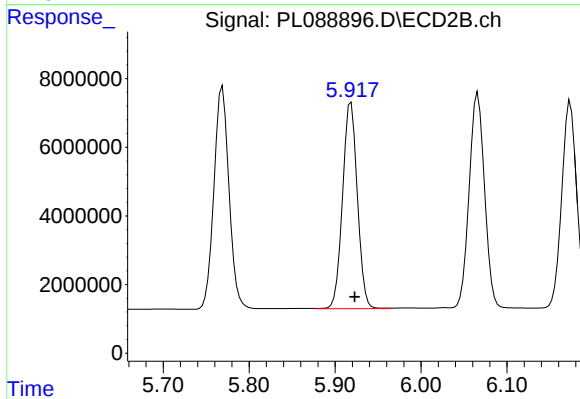
#15 Endosulfan II

R.T.: 6.066 min  
Delta R.T.: -0.004 min  
Response: 78618918  
Conc: 54.68 ng/ml



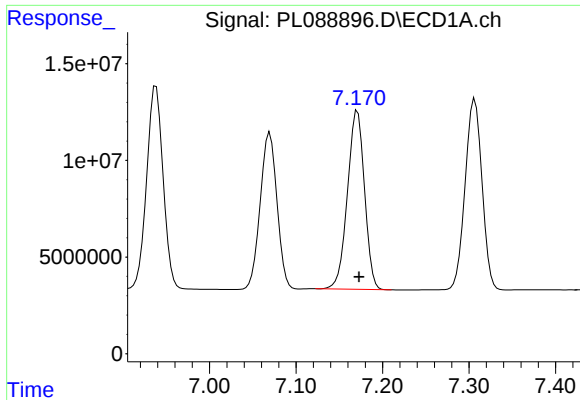
#16 4,4'-DDD

R.T.: 6.852 min  
Delta R.T.: -0.002 min  
Response: 133456297  
Conc: 52.40 ng/ml



#16 4,4'-DDD

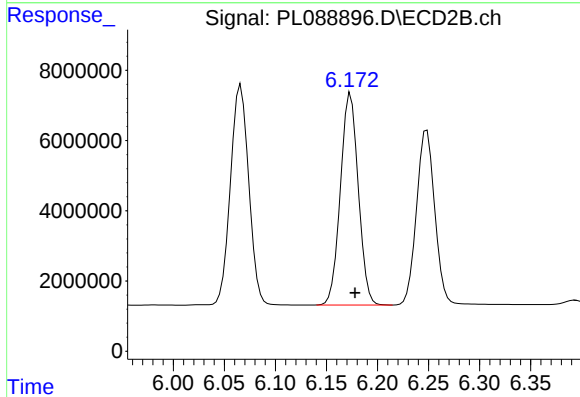
R.T.: 5.919 min  
Delta R.T.: -0.004 min  
Response: 72047655  
Conc: 57.85 ng/ml



#17 4,4'-DDT

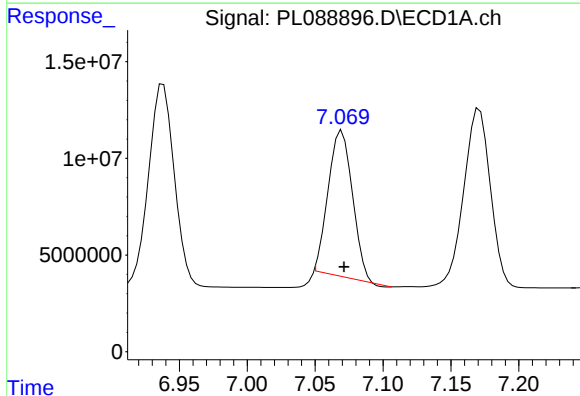
R.T.: 7.171 min  
Delta R.T.: -0.002 min  
Response: 126317138  
Conc: 47.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



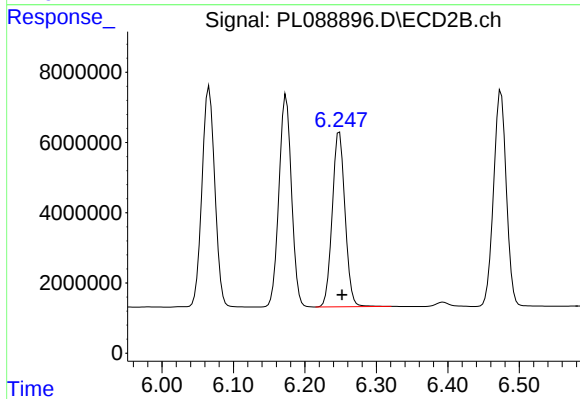
#17 4,4'-DDT

R.T.: 6.174 min  
Delta R.T.: -0.004 min  
Response: 73585866  
Conc: 54.83 ng/ml



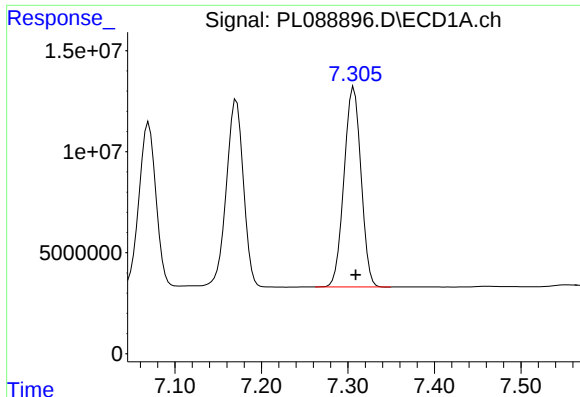
#18 Endrin aldehyde

R.T.: 7.070 min  
Delta R.T.: -0.002 min  
Response: 93446821  
Conc: 44.76 ng/ml



#18 Endrin aldehyde

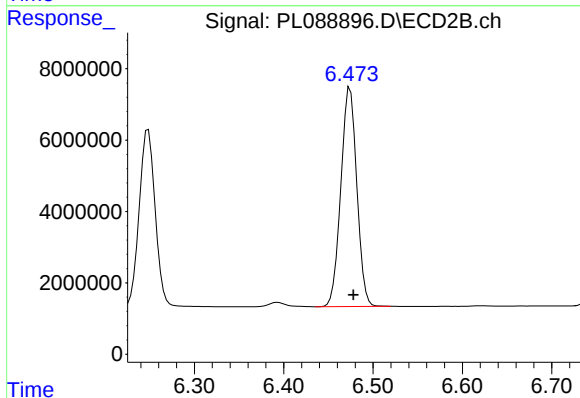
R.T.: 6.248 min  
Delta R.T.: -0.004 min  
Response: 61913055  
Conc: 59.08 ng/ml



#19 Endosulfan Sulfate

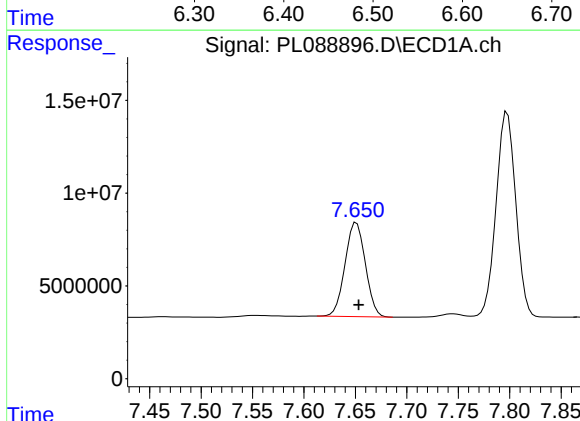
R.T.: 7.307 min  
Delta R.T.: -0.002 min  
Response: 134327397  
Conc: 48.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



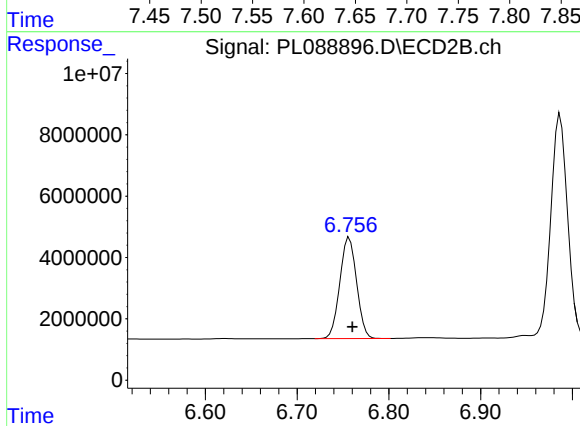
#19 Endosulfan Sulfate

R.T.: 6.474 min  
Delta R.T.: -0.003 min  
Response: 76186775  
Conc: 54.91 ng/ml



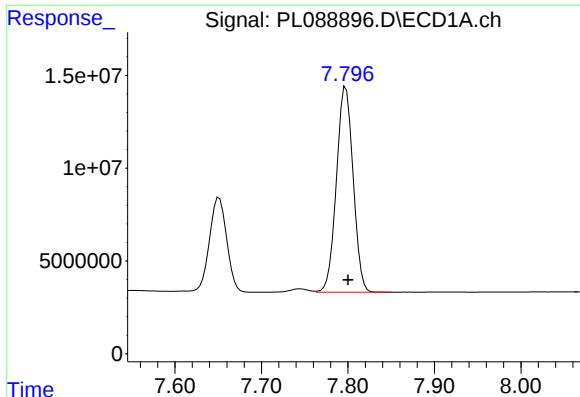
#20 Methoxychlor

R.T.: 7.651 min  
Delta R.T.: -0.002 min  
Response: 69766422  
Conc: 46.31 ng/ml



#20 Methoxychlor

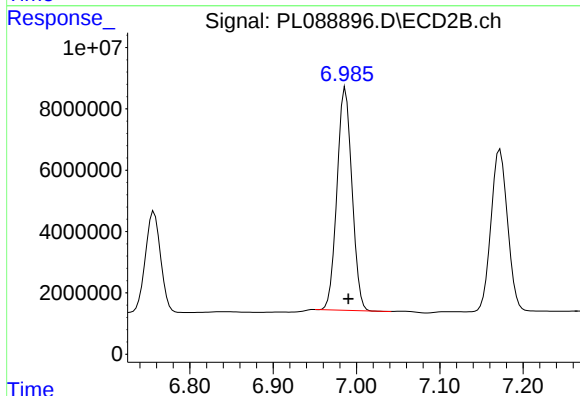
R.T.: 6.757 min  
Delta R.T.: -0.003 min  
Response: 41912701  
Conc: 52.26 ng/ml



#21 Endrin ketone

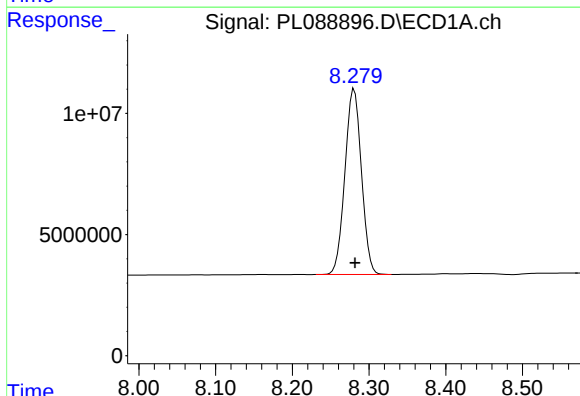
R.T.: 7.798 min  
Delta R.T.: -0.002 min  
Response: 148050002  
Conc: 50.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



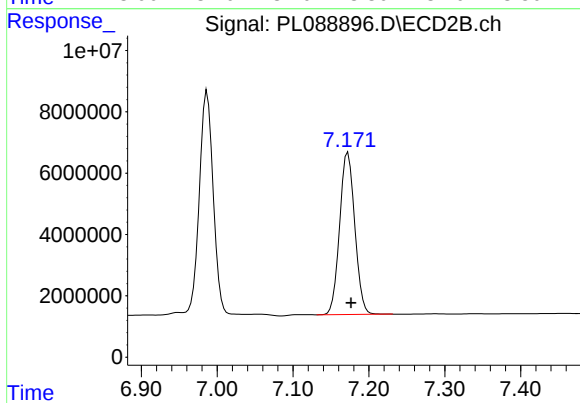
#21 Endrin ketone

R.T.: 6.987 min  
Delta R.T.: -0.004 min  
Response: 90626577  
Conc: 54.90 ng/ml



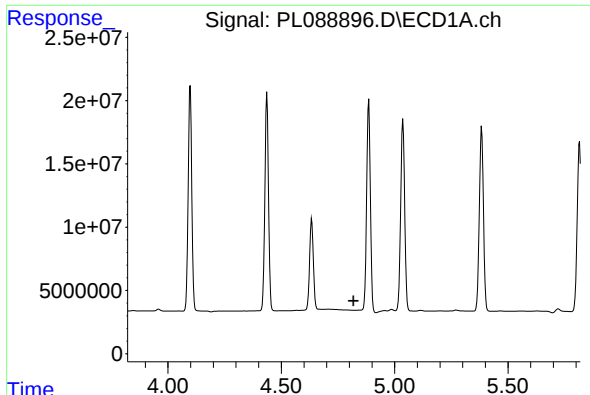
#22 Mirex

R.T.: 8.281 min  
Delta R.T.: 0.000 min  
Response: 115201129  
Conc: 49.14 ng/ml



#22 Mirex

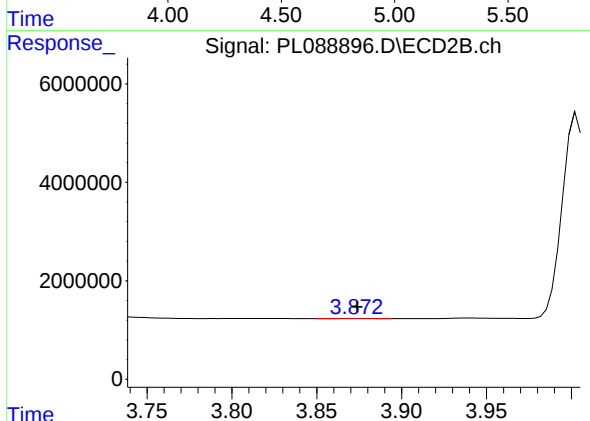
R.T.: 7.172 min  
Delta R.T.: -0.004 min  
Response: 73368453  
Conc: 54.41 ng/ml



#23 Chlordane-1

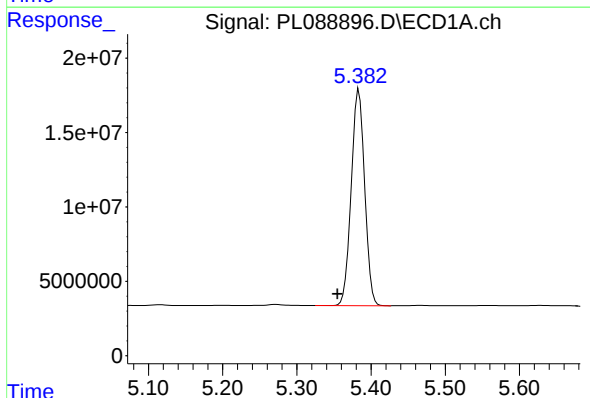
R.T.: 0.000 min  
Exp R.T.: 4.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



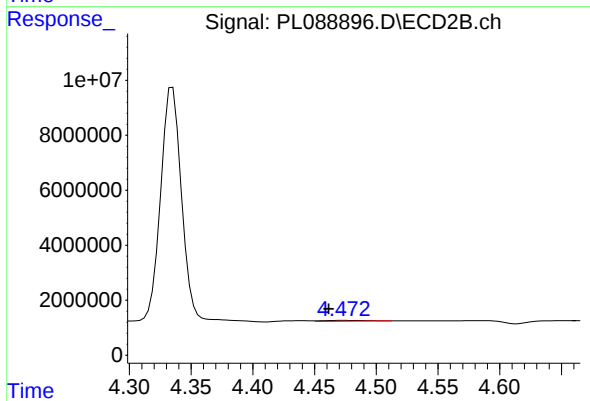
#23 Chlordane-1

R.T.: 3.873 min  
Delta R.T.: 0.000 min  
Response: 63588  
Conc: 1.31 ng/ml



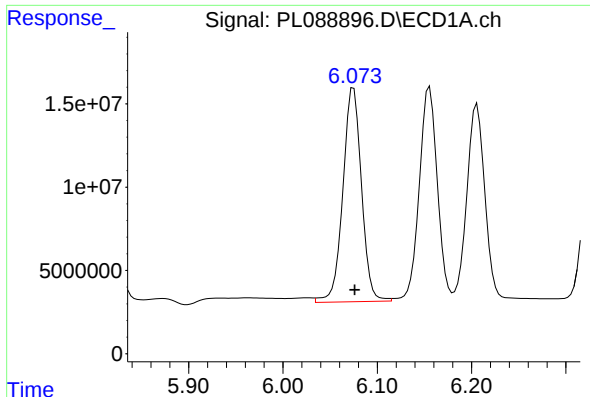
#24 Chlordane-2

R.T.: 5.384 min  
Delta R.T.: 0.029 min  
Response: 182605148  
Conc: 1388.97 ng/ml



#24 Chlordane-2

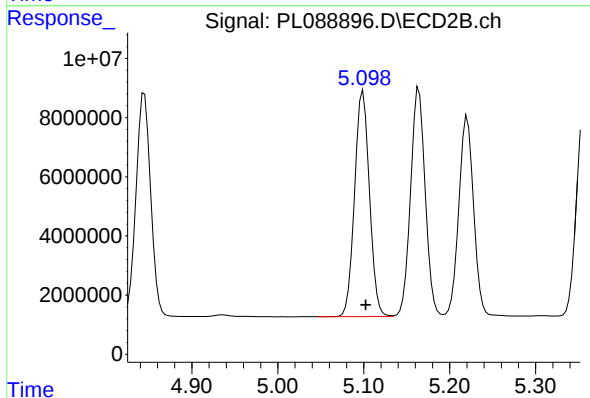
R.T.: 4.473 min  
Delta R.T.: 0.011 min  
Response: 744891  
Conc: 12.27 ng/ml



#25 Chlordane-3

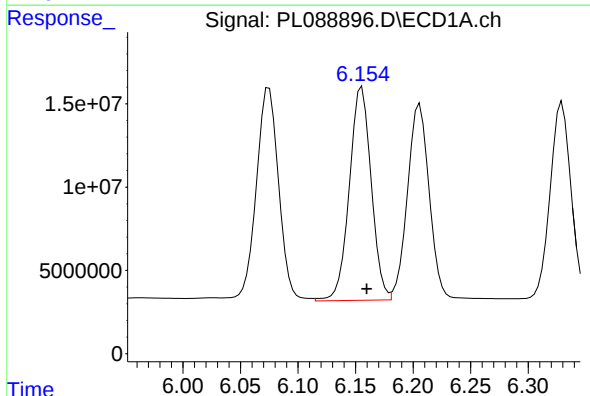
R.T.: 6.075 min  
Delta R.T.: -0.001 min  
Response: 176556777  
Conc: 355.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



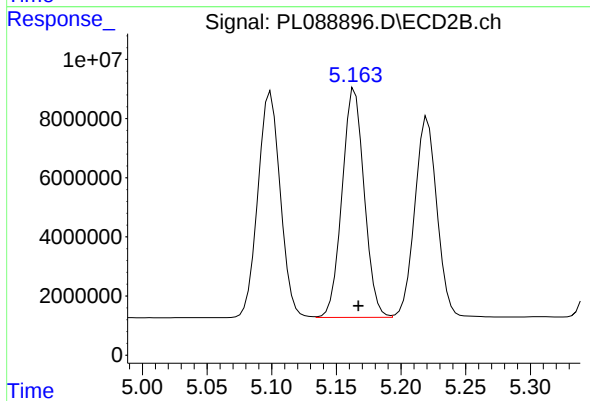
#25 Chlordane-3

R.T.: 5.099 min  
Delta R.T.: -0.003 min  
Response: 91727299  
Conc: 537.45 ng/ml



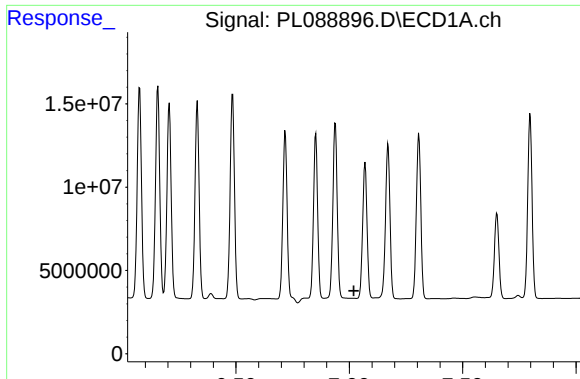
#26 Chlordane-4

R.T.: 6.156 min  
Delta R.T.: -0.004 min  
Response: 170492863  
Conc: 284.22 ng/ml



#26 Chlordane-4

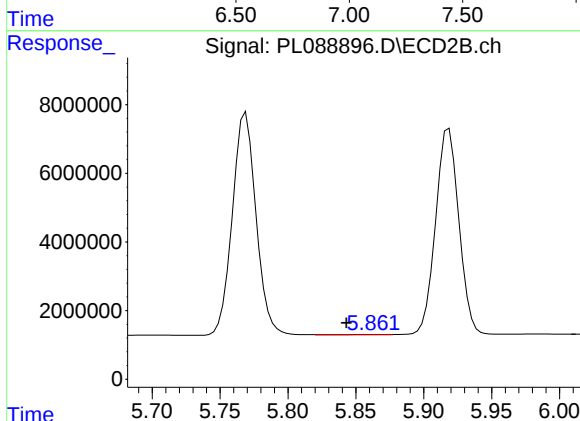
R.T.: 5.164 min  
Delta R.T.: -0.003 min  
Response: 91909958  
Conc: 576.09 ng/ml



#27 Chlordane-5

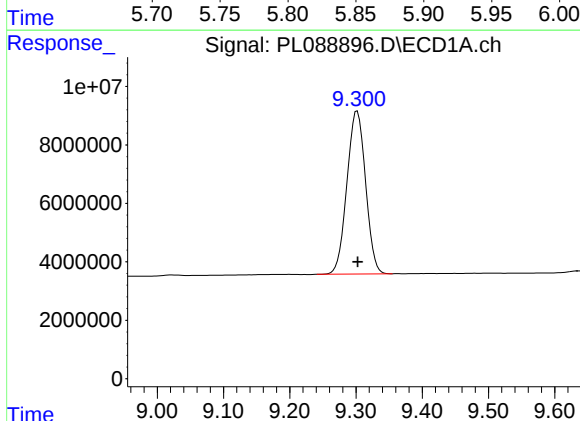
R.T.: 0.000 min  
Exp R.T.: 7.019 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



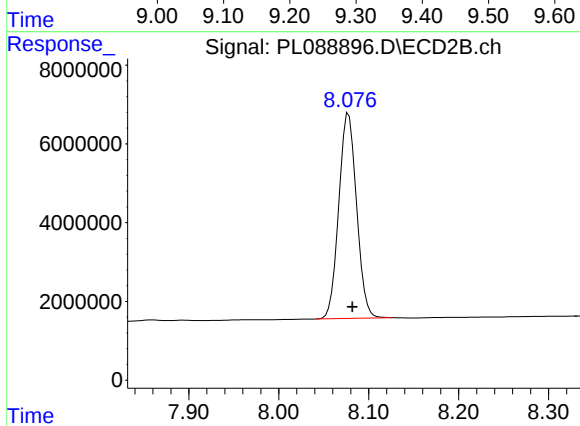
#27 Chlordane-5

R.T.: 5.862 min  
Delta R.T.: 0.019 min  
Response: 390544  
Conc: 7.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.302 min  
Delta R.T.: 0.000 min  
Response: 109178761  
Conc: 44.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.078 min  
Delta R.T.: -0.004 min  
Response: 71674637  
Conc: 52.86 ng/ml