

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041922\  
 Data File : PL074178.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Apr 2022 14:44  
 Operator : AR\AJ  
 Sample : PB144209BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 19 16:51:15 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 14 09:29:23 2022  
 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... | 4.637  | 5.490  | 7394465  | 39797210 | 22.885   | 22.321     |
| 28)                         | SA Decachlor... | 10.411 | 11.336 | 11128808 | 38986272 | 21.400   | 22.072     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.345  | 6.054  | 22907148 | 145.4E6  | 54.585   | 57.727     |
| 3)                          | MA gamma-BHC... | 5.769  | 6.443  | 22272062 | 134.7E6  | 53.105   | 56.904     |
| 4)                          | MA Heptachlor   | 6.180  | 7.102  | 22537828 | 137.1E6  | 50.033   | 52.547     |
| 5)                          | MB Aldrin       | 6.505  | 7.471  | 22588185 | 139.0E6  | 54.423   | 59.178     |
| 6)                          | B beta-BHC      | 6.149  | 6.680  | 10796921 | 59179962 | 52.841   | 52.510     |
| 7)                          | B delta-BHC     | 6.411  | 6.948  | 22293253 | 134.9E6  | 53.891   | 55.224     |
| 8)                          | B Heptachlo...  | 7.082  | 7.927  | 22698638 | 124.9E6  | 52.918   | 55.451     |
| 9)                          | A Endosulfan I  | 7.485  | 8.328  | 21456007 | 110.8E6  | 52.316   | 56.303     |
| 10)                         | B gamma-Chl...  | 7.359  | 8.196  | 23043203 | 124.8E6  | 52.539   | 55.974     |
| 11)                         | B alpha-Chl...  | 7.429  | 8.278  | 23204284 | 121.5E6  | 52.525   | 56.460     |
| 12)                         | B 4,4'-DDE      | 7.643  | 8.463  | 19711071 | 116.1E6  | 54.030   | 58.289     |
| 13)                         | MA Dieldrin     | 7.772  | 8.613  | 22592316 | 116.8E6  | 52.593   | 58.233     |
| 14)                         | MA Endrin       | 8.063  | 8.847  | 19669192 | 89291438 | 48.418   | 52.721     |
| 15)                         | B Endosulfa...  | 8.373  | 9.071  | 22055262 | 95484009 | 53.511   | 54.963     |
| 16)                         | A 4,4'-DDD      | 8.228  | 8.990  | 18304886 | 91648665 | 56.684   | 59.566     |
| 17)                         | MA 4,4'-DDT     | 8.490  | 9.309  | 16525597 | 79417976 | 44.707   | 44.801     |
| 18)                         | B Endrin al...  | 8.562  | 9.204  | 18454782 | 78597368 | 57.038   | 60.852     |
| 19)                         | B Endosulfa...  | 8.793  | 9.442  | 21812448 | 90714514 | 51.080   | 54.505     |
| 20)                         | A Methoxychlor  | 9.085  | 9.789  | 10678172 | 41356846 | 43.011   | 42.997     |
| 21)                         | B Endrin ke...  | 9.312  | 9.930  | 26302104 | 95196309 | 53.837   | 54.997     |
| 22)                         | Mirex           | 9.500  | 10.407 | 23700784 | 73454863 | 50.816   | 53.328     |
| 23)                         | Chlordane-1     | 0.000  | 6.856  | 0        | 491362   | N.D.     | 6.157 #    |
| 24)                         | Chlordane-2     | 0.000  | 7.471f | 0        | 139.0E6  | N.D.     | 1681.878 # |
| 25)                         | Chlordane-3     | 7.359  | 8.196  | 23043203 | 124.8E6  | 532.643  | 369.027 #  |
| 26)                         | Chlordane-4     | 7.429  | 8.278  | 23204284 | 121.5E6  | 499.960  | 306.423 #  |
| 27)                         | Chlordane-5     | 8.373  | 0.000  | 22055262 | 0        | 1264.587 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

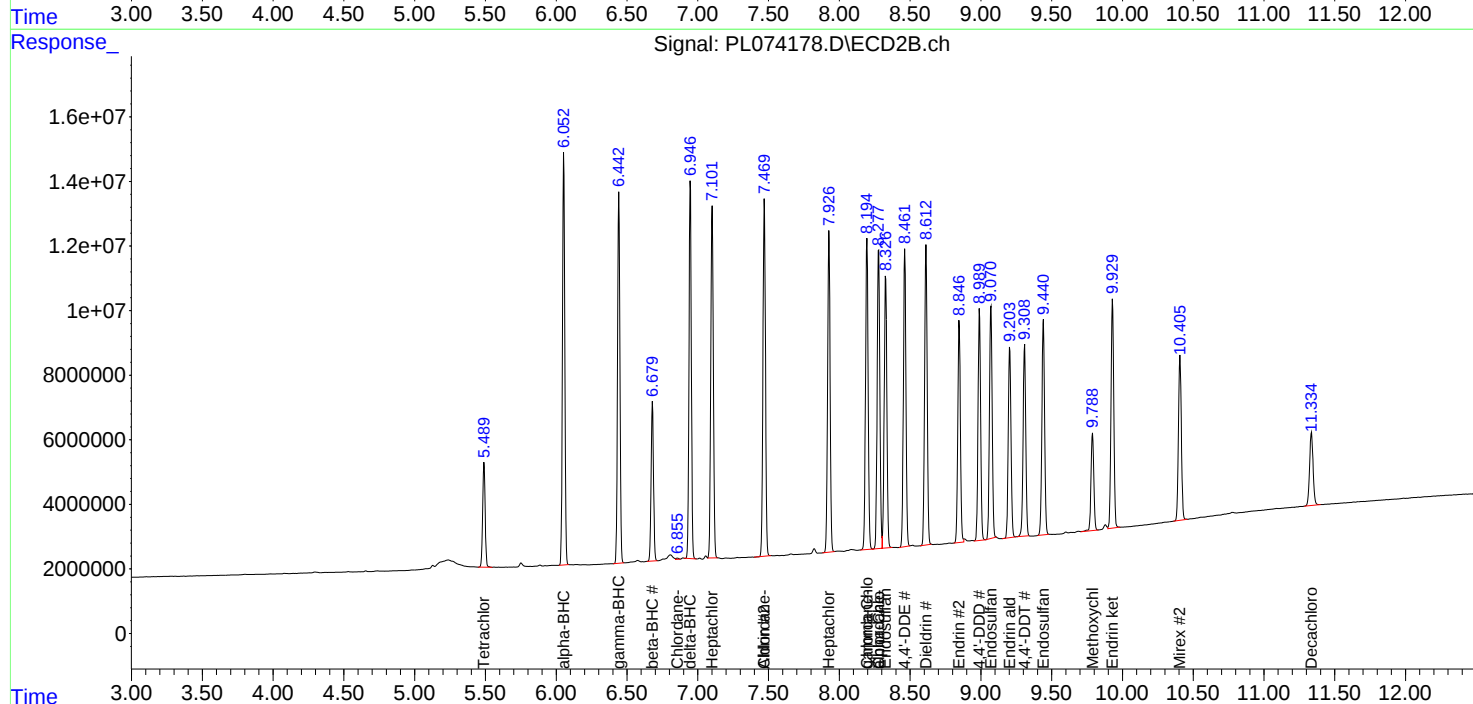
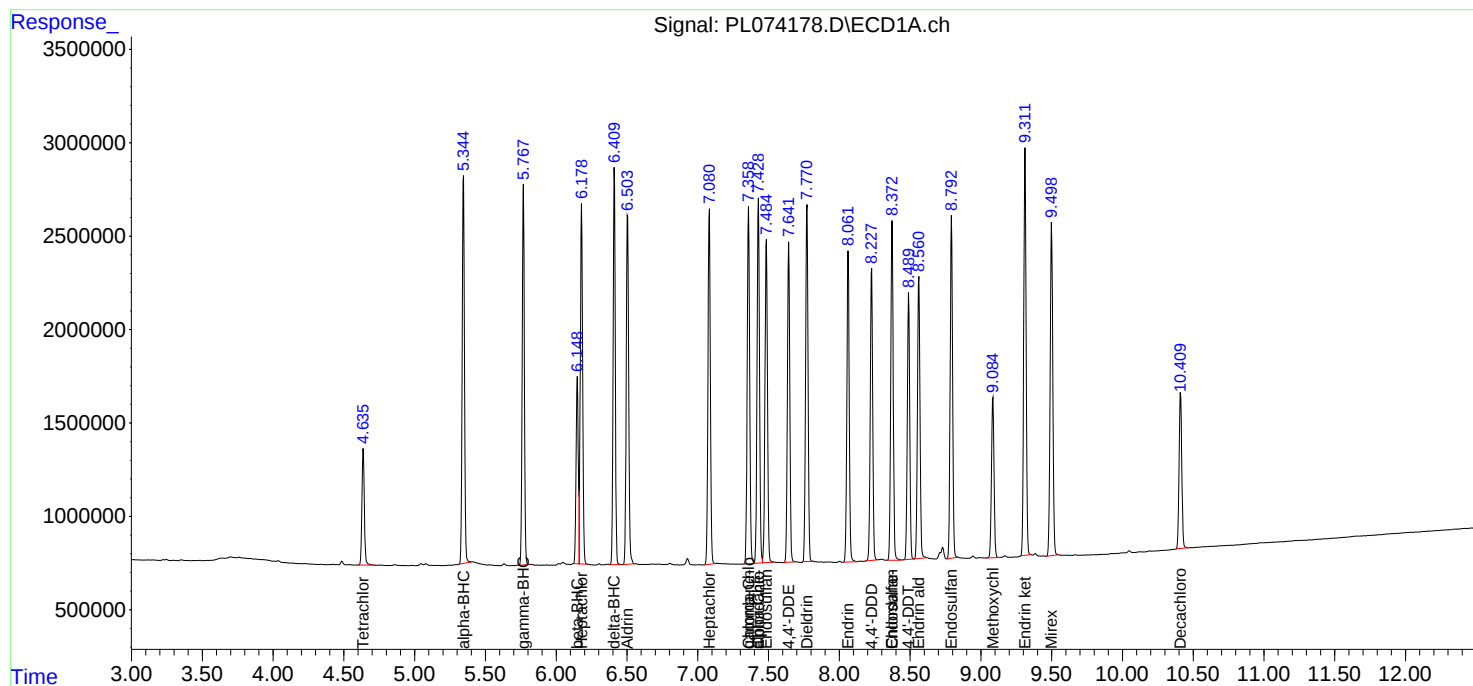
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

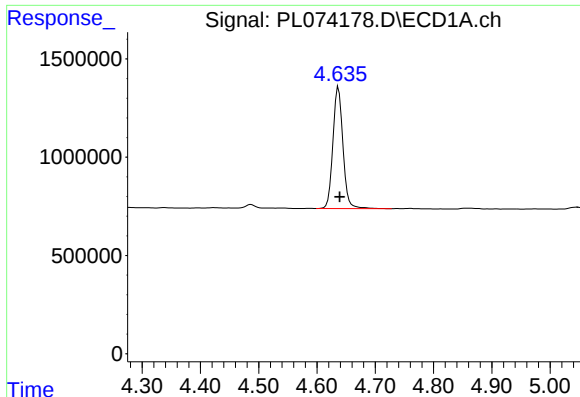
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041922\  
Data File : PL074178.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Apr 2022 14:44  
Operator : AR\AJ  
Sample : PB144209BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 19 16:51:15 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
Quant Title : GC Extractables  
QLast Update : Thu Apr 14 09:29:23 2022  
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

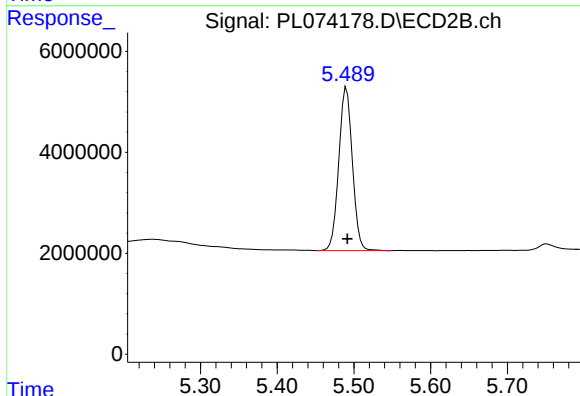




#1 Tetrachloro-m-xylene

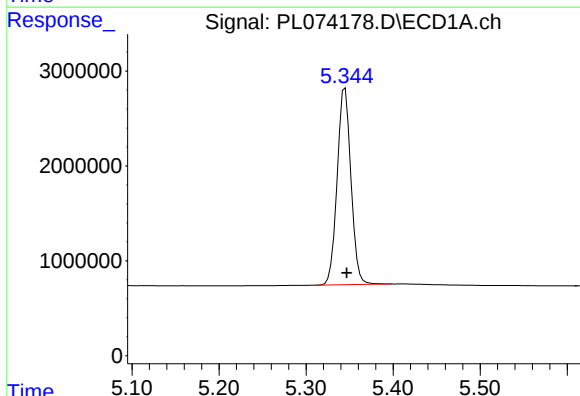
R.T.: 4.637 min  
Delta R.T.: -0.002 min  
Response: 7394465  
Conc: 22.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



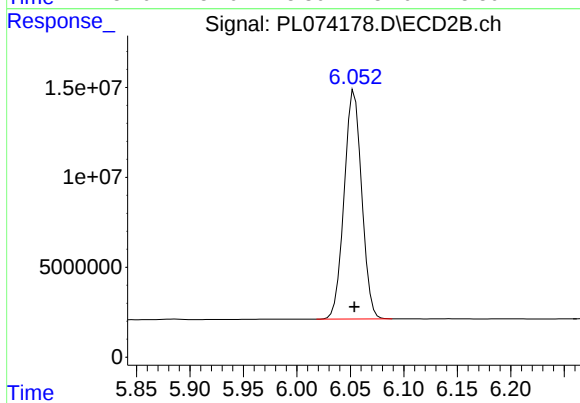
#1 Tetrachloro-m-xylene

R.T.: 5.490 min  
Delta R.T.: -0.001 min  
Response: 39797210  
Conc: 22.32 ng/ml



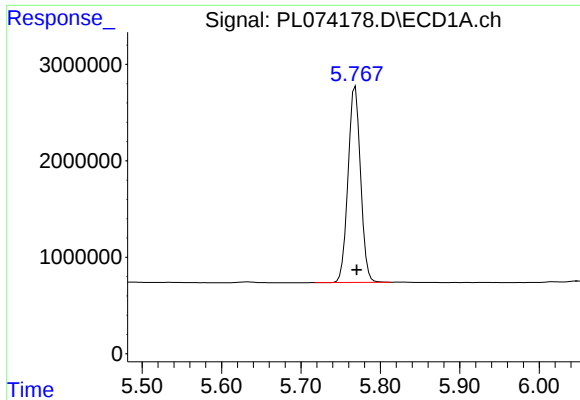
#2 alpha-BHC

R.T.: 5.345 min  
Delta R.T.: -0.002 min  
Response: 22907148  
Conc: 54.58 ng/ml



#2 alpha-BHC

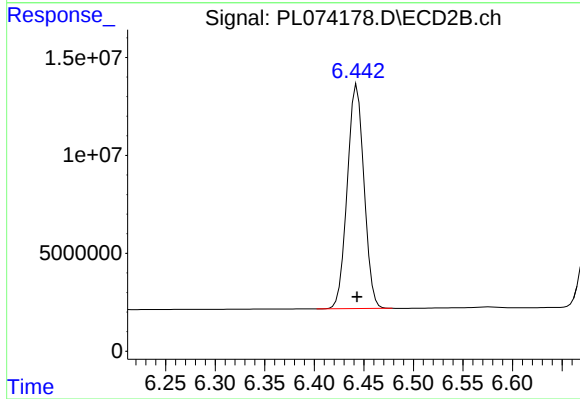
R.T.: 6.054 min  
Delta R.T.: 0.000 min  
Response: 145361615  
Conc: 57.73 ng/ml



#3 gamma-BHC (Lindane)

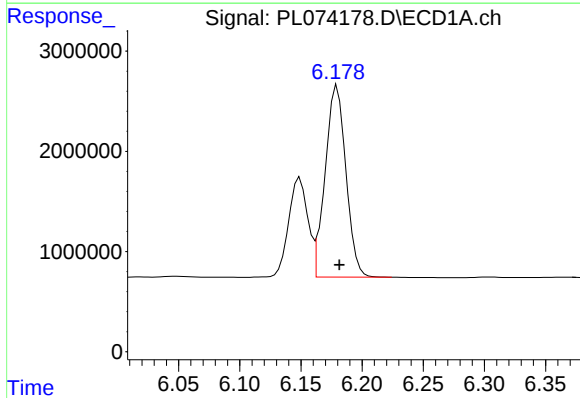
R.T.: 5.769 min  
Delta R.T.: -0.002 min  
Response: 22272062  
Conc: 53.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



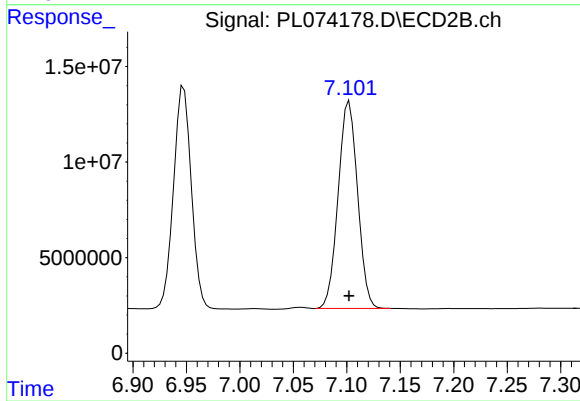
#3 gamma-BHC (Lindane)

R.T.: 6.443 min  
Delta R.T.: 0.000 min  
Response: 134697926  
Conc: 56.90 ng/ml



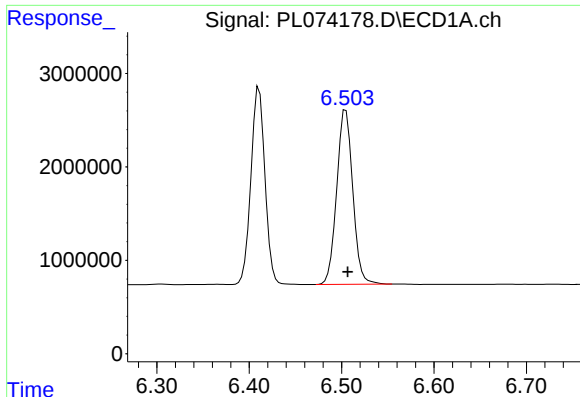
#4 Heptachlor

R.T.: 6.180 min  
Delta R.T.: -0.002 min  
Response: 22537828  
Conc: 50.03 ng/ml



#4 Heptachlor

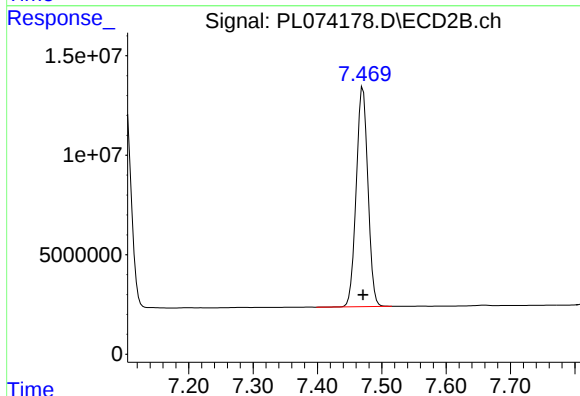
R.T.: 7.102 min  
Delta R.T.: 0.000 min  
Response: 137063894  
Conc: 52.55 ng/ml



#5 Aldrin

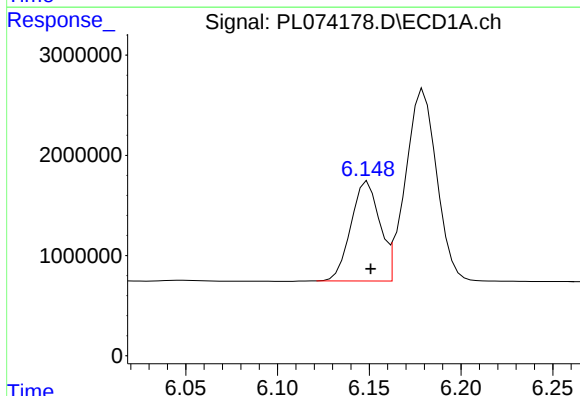
R.T.: 6.505 min  
Delta R.T.: -0.002 min  
Response: 22588185  
Conc: 54.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



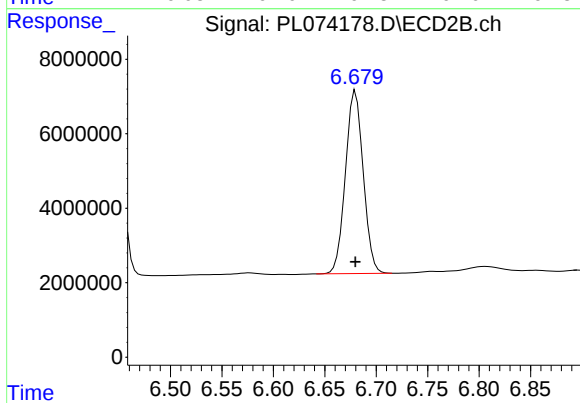
#5 Aldrin

R.T.: 7.471 min  
Delta R.T.: 0.000 min  
Response: 138985634  
Conc: 59.18 ng/ml



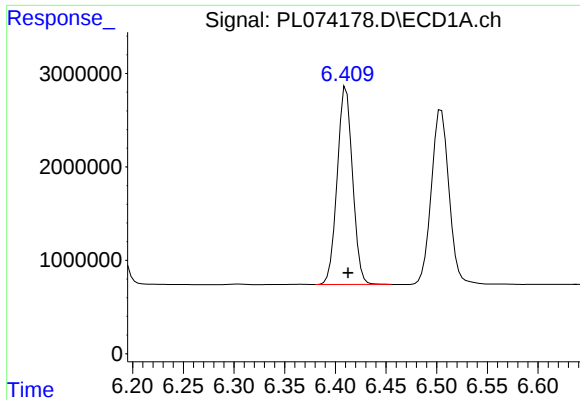
#6 beta-BHC

R.T.: 6.149 min  
Delta R.T.: -0.002 min  
Response: 10796921  
Conc: 52.84 ng/ml



#6 beta-BHC

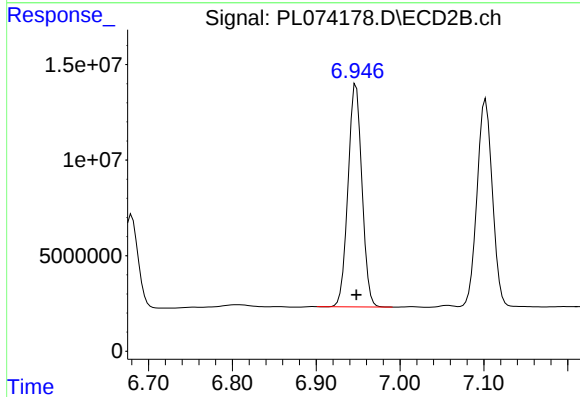
R.T.: 6.680 min  
Delta R.T.: 0.000 min  
Response: 59179962  
Conc: 52.51 ng/ml



#7 delta-BHC

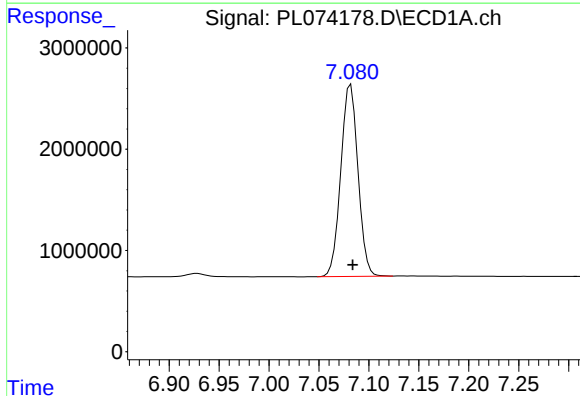
R.T.: 6.411 min  
Delta R.T.: -0.002 min  
Response: 22293253  
Conc: 53.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



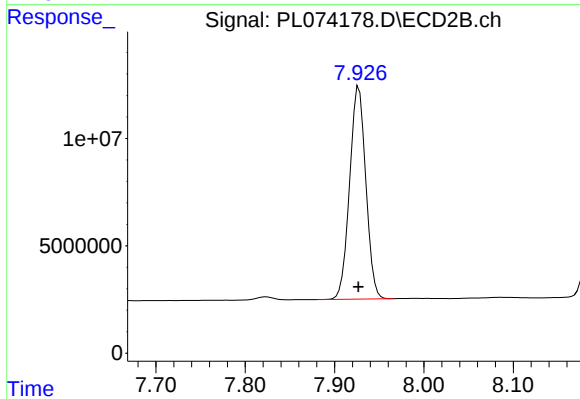
#7 delta-BHC

R.T.: 6.948 min  
Delta R.T.: 0.000 min  
Response: 134871997  
Conc: 55.22 ng/ml



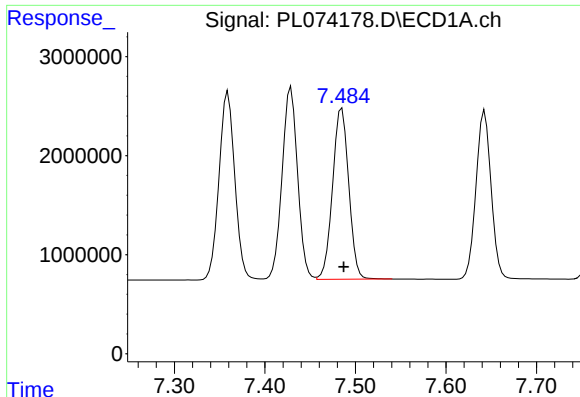
#8 Heptachlor epoxide

R.T.: 7.082 min  
Delta R.T.: -0.002 min  
Response: 22698638  
Conc: 52.92 ng/ml



#8 Heptachlor epoxide

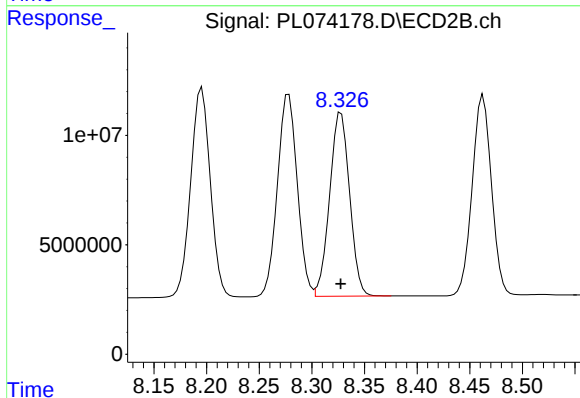
R.T.: 7.927 min  
Delta R.T.: 0.000 min  
Response: 124852535  
Conc: 55.45 ng/ml



#9 Endosulfan I

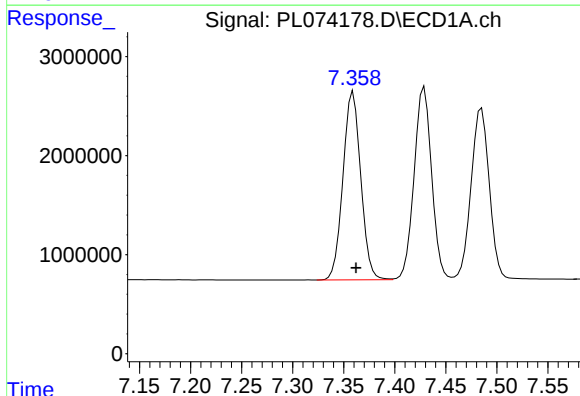
R.T.: 7.485 min  
Delta R.T.: -0.002 min  
Response: 21456007  
Conc: 52.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



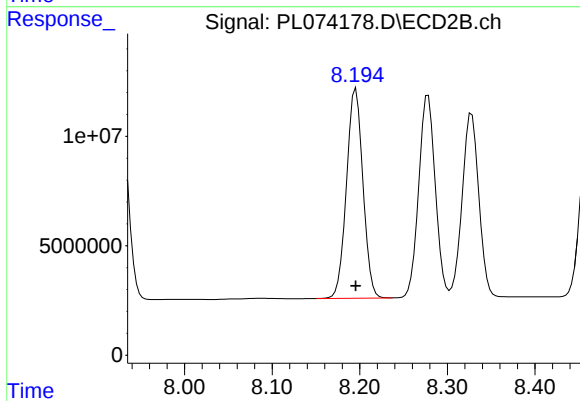
#9 Endosulfan I

R.T.: 8.328 min  
Delta R.T.: 0.000 min  
Response: 110840802  
Conc: 56.30 ng/ml



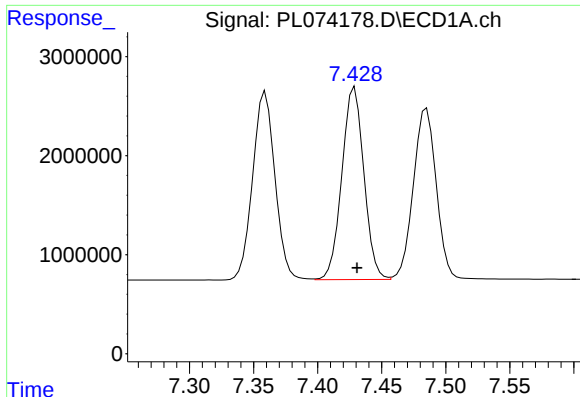
#10 gamma-Chlordane

R.T.: 7.359 min  
Delta R.T.: -0.003 min  
Response: 23043203  
Conc: 52.54 ng/ml



#10 gamma-Chlordane

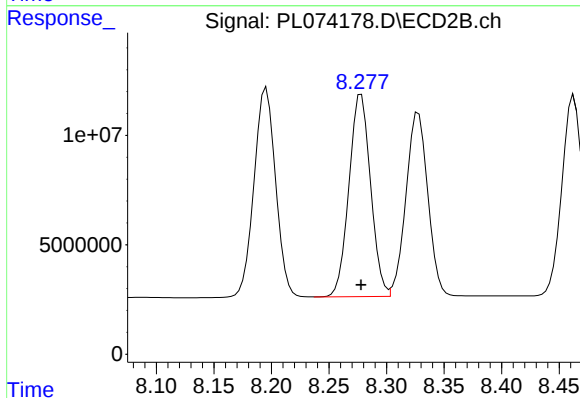
R.T.: 8.196 min  
Delta R.T.: 0.000 min  
Response: 124842230  
Conc: 55.97 ng/ml



#11 alpha-Chlordane

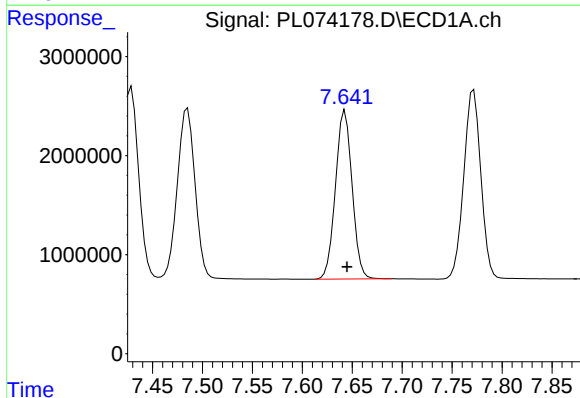
R.T.: 7.429 min  
Delta R.T.: -0.002 min  
Response: 23204284  
Conc: 52.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



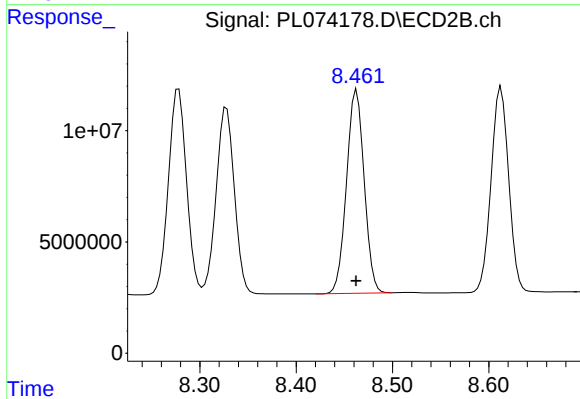
#11 alpha-Chlordane

R.T.: 8.278 min  
Delta R.T.: 0.000 min  
Response: 121533963  
Conc: 56.46 ng/ml



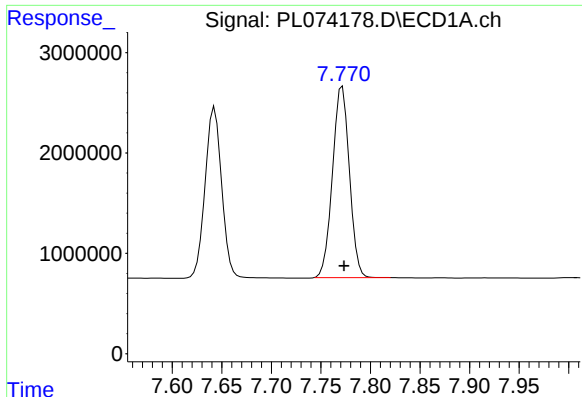
#12 4,4'-DDE

R.T.: 7.643 min  
Delta R.T.: -0.002 min  
Response: 19711071  
Conc: 54.03 ng/ml



#12 4,4'-DDE

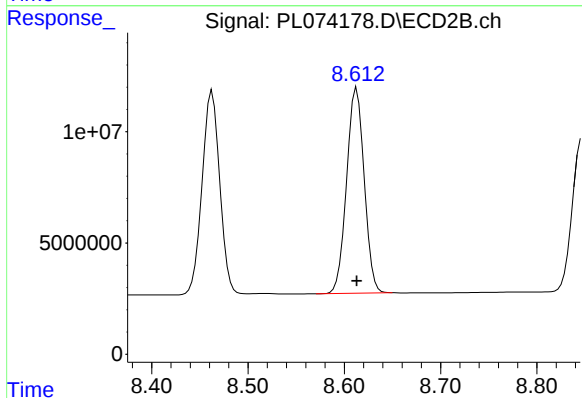
R.T.: 8.463 min  
Delta R.T.: 0.000 min  
Response: 116094118  
Conc: 58.29 ng/ml



#13 Dieldrin

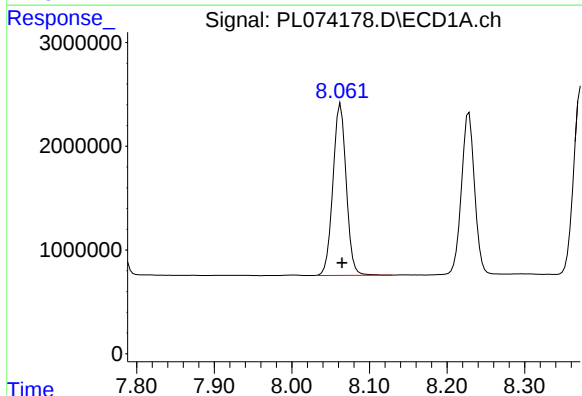
R.T.: 7.772 min  
Delta R.T.: -0.002 min  
Response: 22592316  
Conc: 52.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



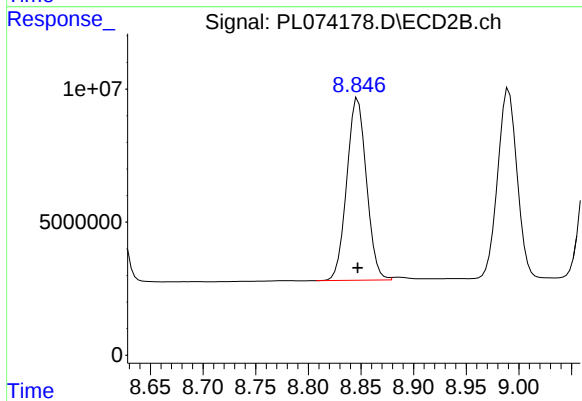
#13 Dieldrin

R.T.: 8.613 min  
Delta R.T.: 0.000 min  
Response: 116773299  
Conc: 58.23 ng/ml



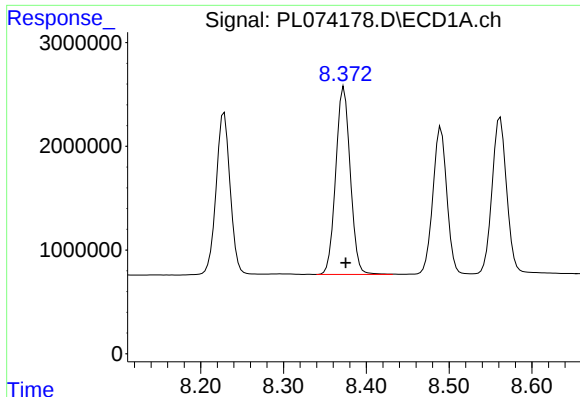
#14 Endrin

R.T.: 8.063 min  
Delta R.T.: -0.002 min  
Response: 19669192  
Conc: 48.42 ng/ml



#14 Endrin

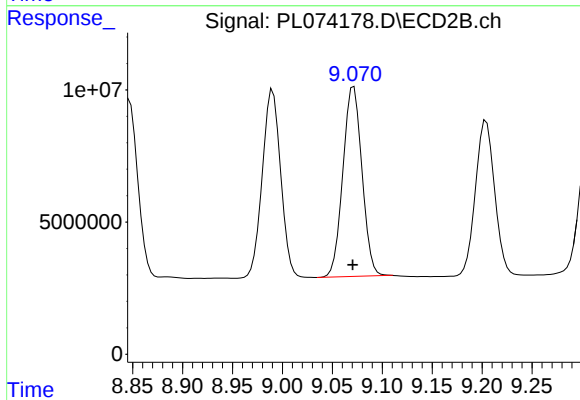
R.T.: 8.847 min  
Delta R.T.: 0.000 min  
Response: 89291438  
Conc: 52.72 ng/ml



#15 Endosulfan II

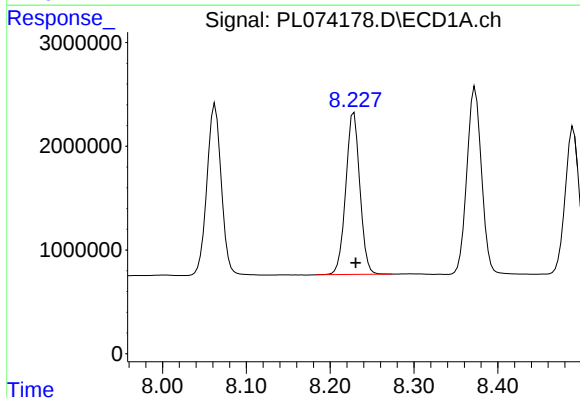
R.T.: 8.373 min  
Delta R.T.: -0.002 min  
Response: 22055262  
Conc: 53.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



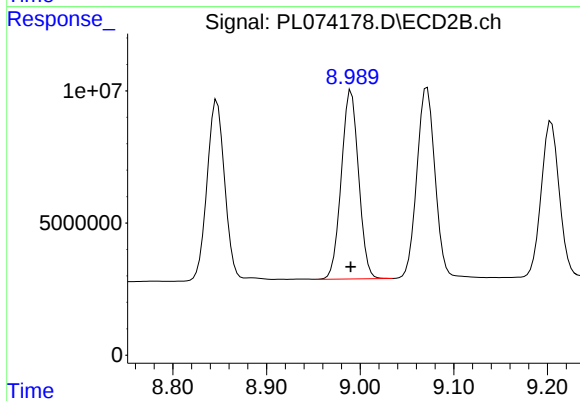
#15 Endosulfan II

R.T.: 9.071 min  
Delta R.T.: 0.001 min  
Response: 95484009  
Conc: 54.96 ng/ml



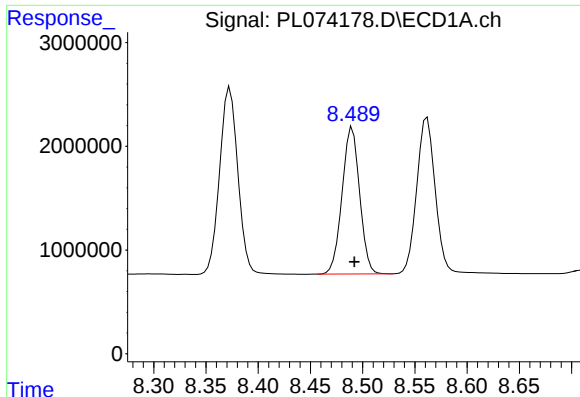
#16 4,4'-DDD

R.T.: 8.228 min  
Delta R.T.: -0.002 min  
Response: 18304886  
Conc: 56.68 ng/ml



#16 4,4'-DDD

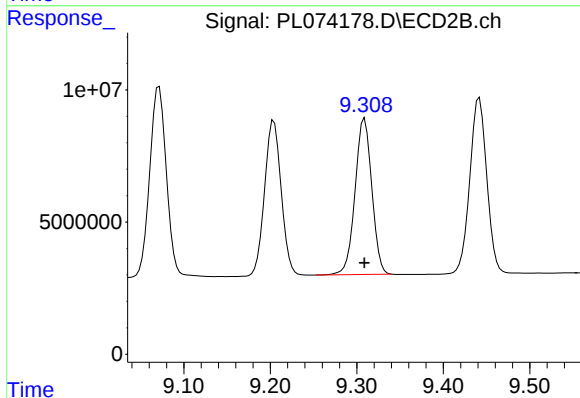
R.T.: 8.990 min  
Delta R.T.: 0.000 min  
Response: 91648665  
Conc: 59.57 ng/ml



#17 4,4'-DDT

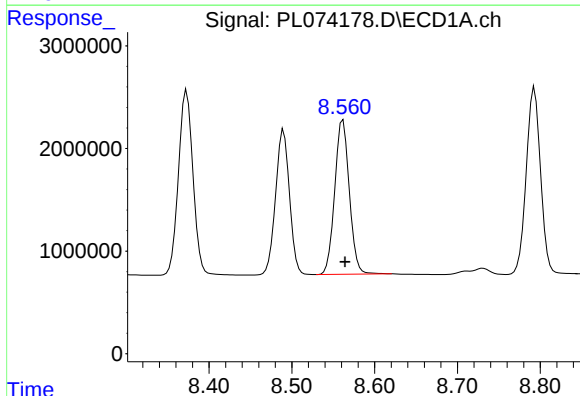
R.T.: 8.490 min  
Delta R.T.: -0.002 min  
Response: 16525597  
Conc: 44.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



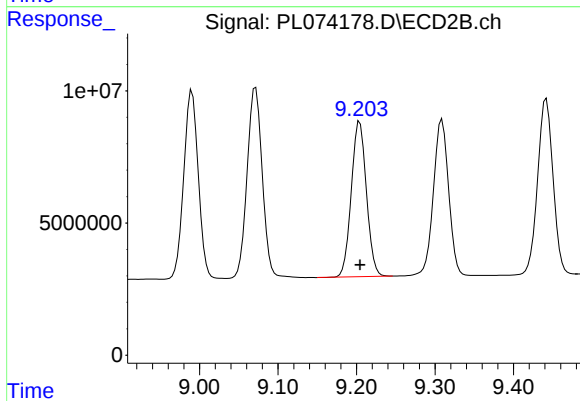
#17 4,4'-DDT

R.T.: 9.309 min  
Delta R.T.: 0.000 min  
Response: 79417976  
Conc: 44.80 ng/ml



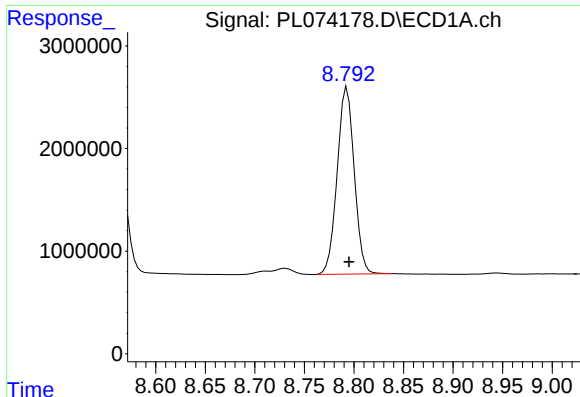
#18 Endrin aldehyde

R.T.: 8.562 min  
Delta R.T.: -0.003 min  
Response: 18454782  
Conc: 57.04 ng/ml



#18 Endrin aldehyde

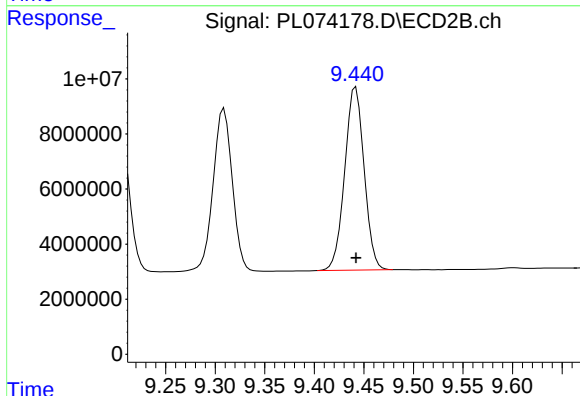
R.T.: 9.204 min  
Delta R.T.: 0.000 min  
Response: 78597368  
Conc: 60.85 ng/ml



#19 Endosulfan Sulfate

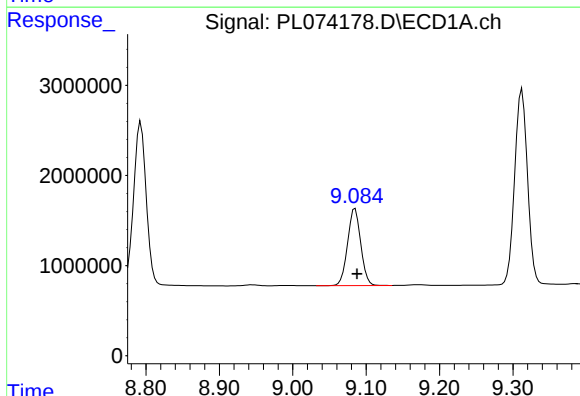
R.T.: 8.793 min  
Delta R.T.: -0.002 min  
Response: 21812448  
Conc: 51.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



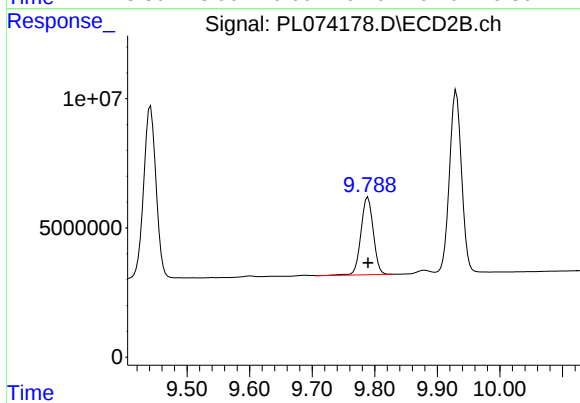
#19 Endosulfan Sulfate

R.T.: 9.442 min  
Delta R.T.: 0.000 min  
Response: 90714514  
Conc: 54.51 ng/ml



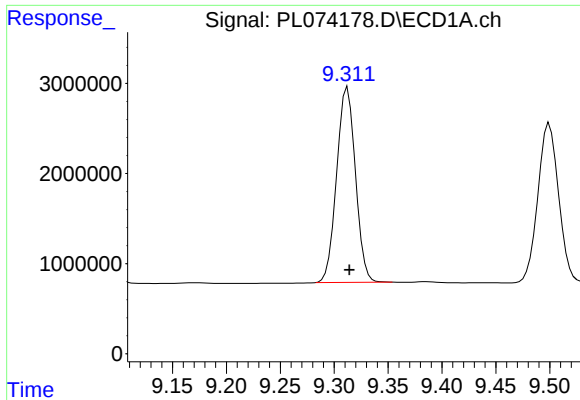
#20 Methoxychlor

R.T.: 9.085 min  
Delta R.T.: -0.002 min  
Response: 10678172  
Conc: 43.01 ng/ml



#20 Methoxychlor

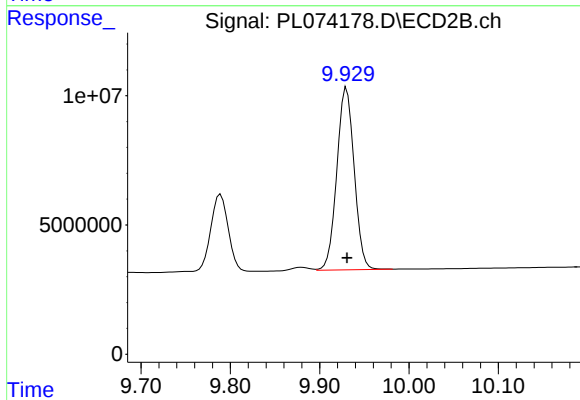
R.T.: 9.789 min  
Delta R.T.: 0.000 min  
Response: 41356846  
Conc: 43.00 ng/ml



#21 Endrin ketone

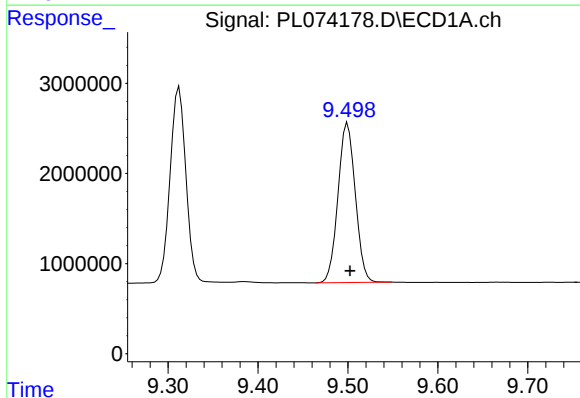
R.T.: 9.312 min  
Delta R.T.: -0.002 min  
Response: 26302104  
Conc: 53.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



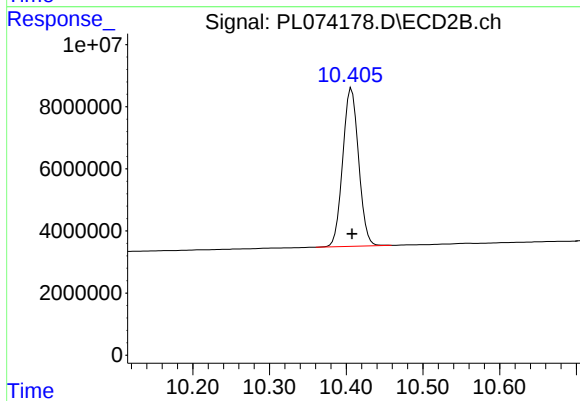
#21 Endrin ketone

R.T.: 9.930 min  
Delta R.T.: 0.000 min  
Response: 95196309  
Conc: 55.00 ng/ml



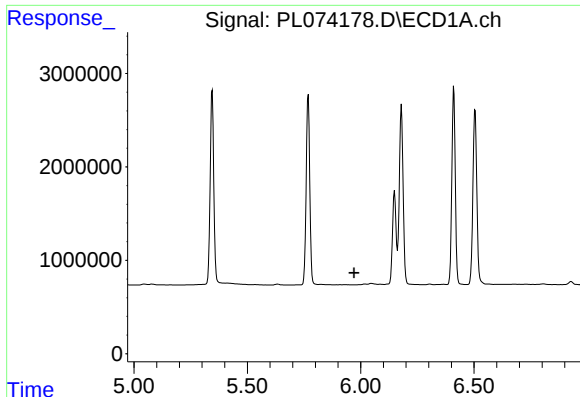
#22 Mirex

R.T.: 9.500 min  
Delta R.T.: -0.003 min  
Response: 23700784  
Conc: 50.82 ng/ml



#22 Mirex

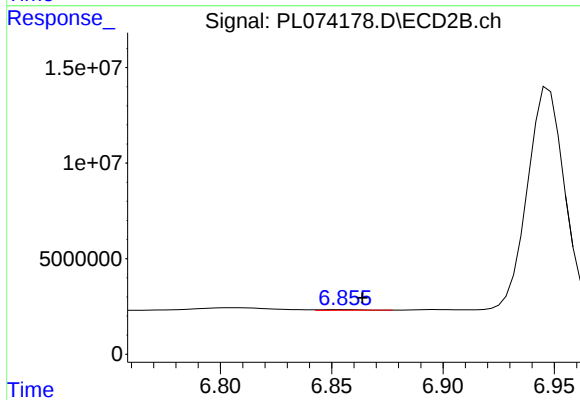
R.T.: 10.407 min  
Delta R.T.: 0.000 min  
Response: 73454863  
Conc: 53.33 ng/ml



#23 Chlordane-1

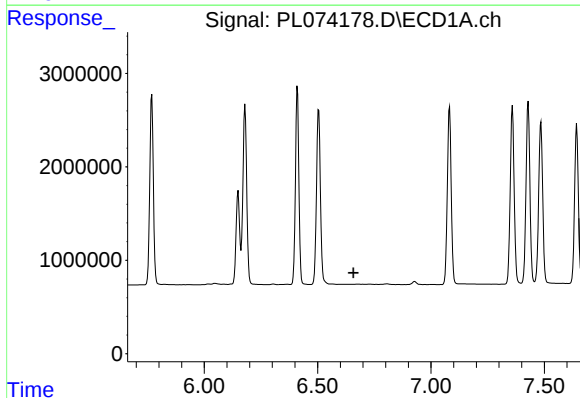
R.T.: 0.000 min  
Exp R.T.: 5.970 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



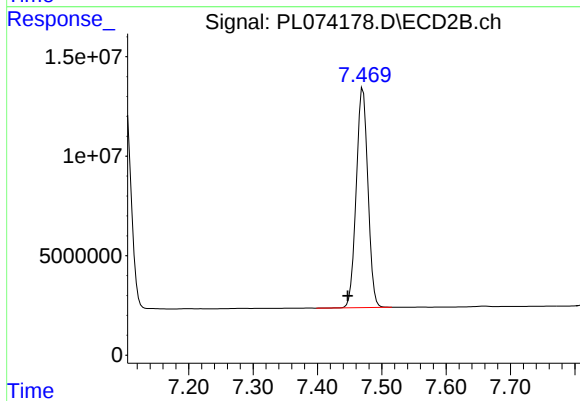
#23 Chlordane-1

R.T.: 6.856 min  
Delta R.T.: -0.008 min  
Response: 491362  
Conc: 6.16 ng/ml



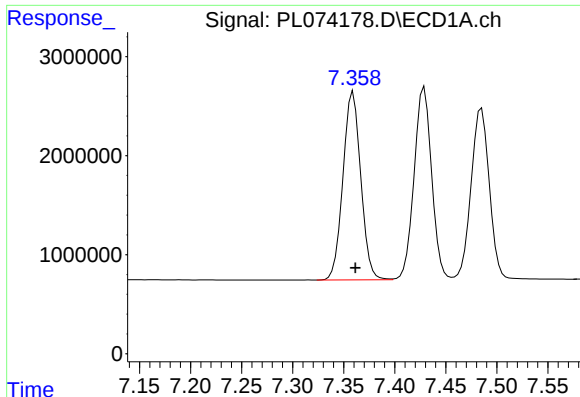
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 6.659 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

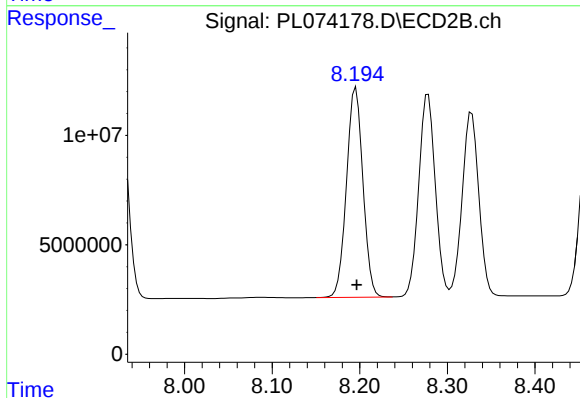
R.T.: 7.471 min  
Delta R.T.: 0.024 min  
Response: 138985634  
Conc: 1681.88 ng/ml



#25 Chlordane-3

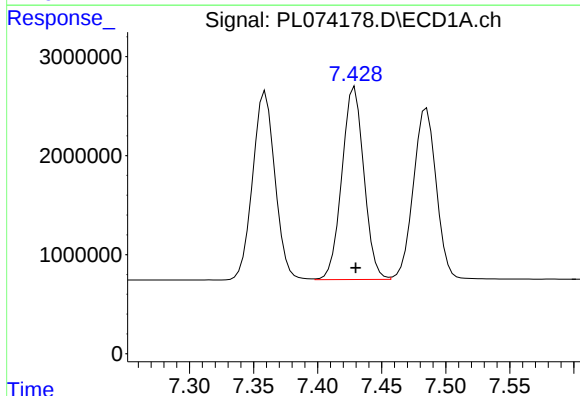
R.T.: 7.359 min  
Delta R.T.: -0.002 min  
Response: 23043203  
Conc: 532.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



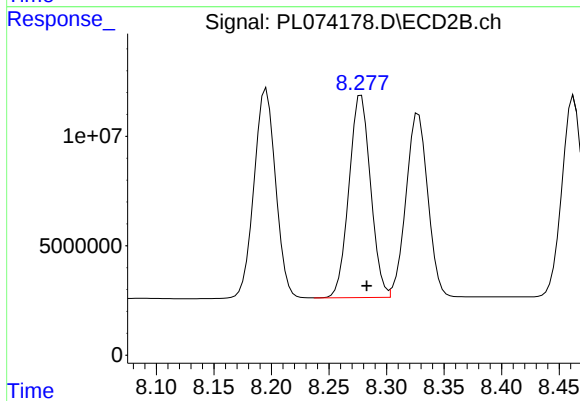
#25 Chlordane-3

R.T.: 8.196 min  
Delta R.T.: -0.001 min  
Response: 124842230  
Conc: 369.03 ng/ml



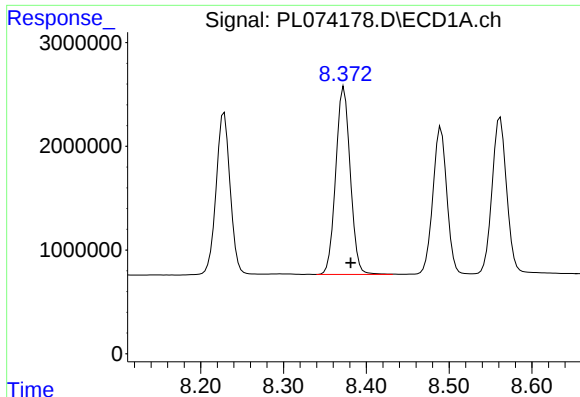
#26 Chlordane-4

R.T.: 7.429 min  
Delta R.T.: 0.000 min  
Response: 23204284  
Conc: 499.96 ng/ml



#26 Chlordane-4

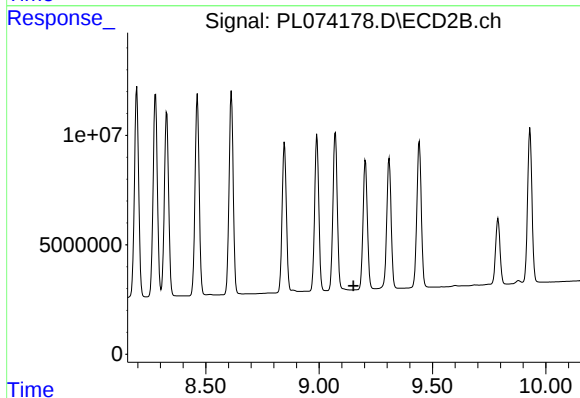
R.T.: 8.278 min  
Delta R.T.: -0.005 min  
Response: 121533963  
Conc: 306.42 ng/ml



#27 Chlordane-5

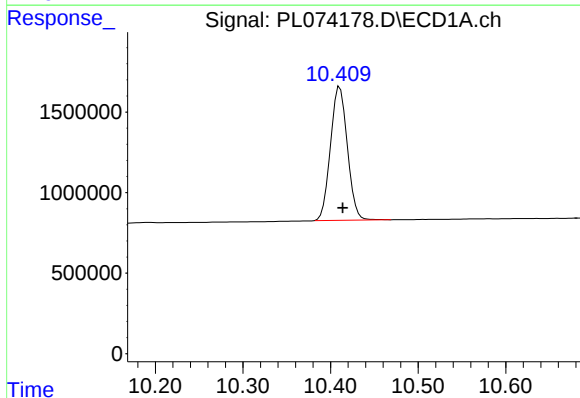
R.T.: 8.373 min  
Delta R.T.: -0.008 min  
Response: 22055262  
Conc: 1264.59 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



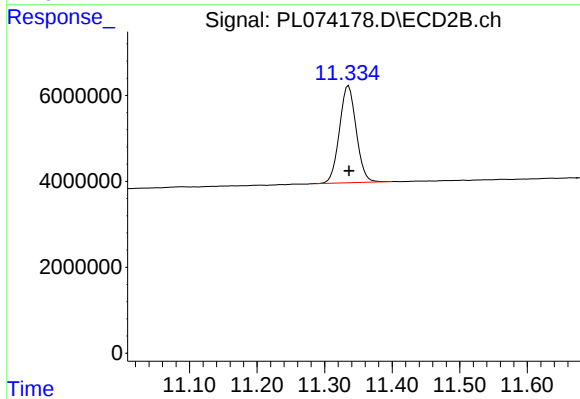
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 9.152 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.411 min  
Delta R.T.: -0.003 min  
Response: 11128808  
Conc: 21.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.336 min  
Delta R.T.: 0.000 min  
Response: 38986272  
Conc: 22.07 ng/ml