

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081022\  
 Data File : PL077009.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Aug 2022 10:29  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 10 15:32:42 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080822.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 09 09:13:15 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... | 3.419  | 2.637 | 47480404 | 133.6E6  | 48.422   | 46.669    |
| 28)                         | SA Decachlor... | 8.907  | 7.741 | 37171983 | 104.1E6  | 49.238   | 46.225    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.884  | 3.131 | 67267979 | 198.4E6  | 48.595   | 46.793    |
| 3)                          | MA gamma-BHC... | 4.219  | 3.455 | 62499608 | 180.2E6  | 48.876   | 47.238    |
| 4)                          | MA Heptachlor   | 4.796  | 3.788 | 59024632 | 166.5E6  | 48.041   | 46.391    |
| 5)                          | MB Aldrin       | 5.136  | 4.063 | 54819702 | 164.0E6  | 48.315   | 46.286    |
| 6)                          | B beta-BHC      | 4.431  | 3.754 | 26990748 | 72213704 | 48.085   | 46.218    |
| 7)                          | B delta-BHC     | 4.675  | 3.978 | 58151339 | 178.6E6  | 52.229   | 46.719    |
| 8)                          | B Heptachlo...  | 5.569  | 4.563 | 49489704 | 140.5E6  | 49.011   | 46.236    |
| 9)                          | A Endosulfan I  | 5.955  | 4.928 | 44519690 | 126.0E6  | 48.605   | 46.102    |
| 10)                         | B gamma-Chl...  | 5.824  | 4.811 | 48748962 | 140.8E6  | 48.637   | 46.216    |
| 11)                         | B alpha-Chl...  | 5.901  | 4.874 | 48437097 | 137.4E6  | 48.530   | 46.149    |
| 12)                         | B 4,4'-DDE      | 6.080  | 5.068 | 42912770 | 132.9E6  | 49.180   | 46.073    |
| 13)                         | MA Dieldrin     | 6.232  | 5.191 | 47550326 | 137.0E6  | 48.970   | 45.679    |
| 14)                         | MA Endrin       | 6.464  | 5.463 | 41169784 | 119.4E6  | 50.587   | 47.019    |
| 15)                         | B Endosulfa...  | 6.691  | 5.760 | 41797628 | 116.4E6  | 48.729   | 44.440    |
| 16)                         | A 4,4'-DDD      | 6.604  | 5.620 | 36969722 | 105.0E6  | 48.527   | 46.596    |
| 17)                         | MA 4,4'-DDT     | 6.915  | 5.869 | 38050368 | 105.4E6  | 49.516   | 46.514    |
| 18)                         | B Endrin al...  | 6.822  | 5.938 | 35126949 | 90306345 | 48.719   | 45.932    |
| 19)                         | B Endosulfa...  | 7.055  | 6.161 | 40374292 | 106.3E6  | 48.834   | 46.057    |
| 20)                         | A Methoxychlor  | 7.396  | 6.447 | 22317700 | 55472704 | 50.278   | 46.119    |
| 21)                         | B Endrin ke...  | 7.543  | 6.661 | 44783187 | 115.8E6  | 49.435   | 45.506    |
| 22)                         | Mirex           | 8.004  | 6.838 | 34328353 | 87506099 | 48.860   | 45.738    |
| 24)                         | Chlordane-2     | 5.136f | 0.000 | 54819702 | 0        | 1379.437 | N.D. #    |
| 25)                         | Chlordane-3     | 5.824  | 4.811 | 48748962 | 140.8E6  | 335.344  | 444.714 # |
| 26)                         | Chlordane-4     | 5.901  | 4.874 | 48437097 | 137.4E6  | 274.364  | 417.250 # |
| -----                       |                 |        |       |          |          |          |           |

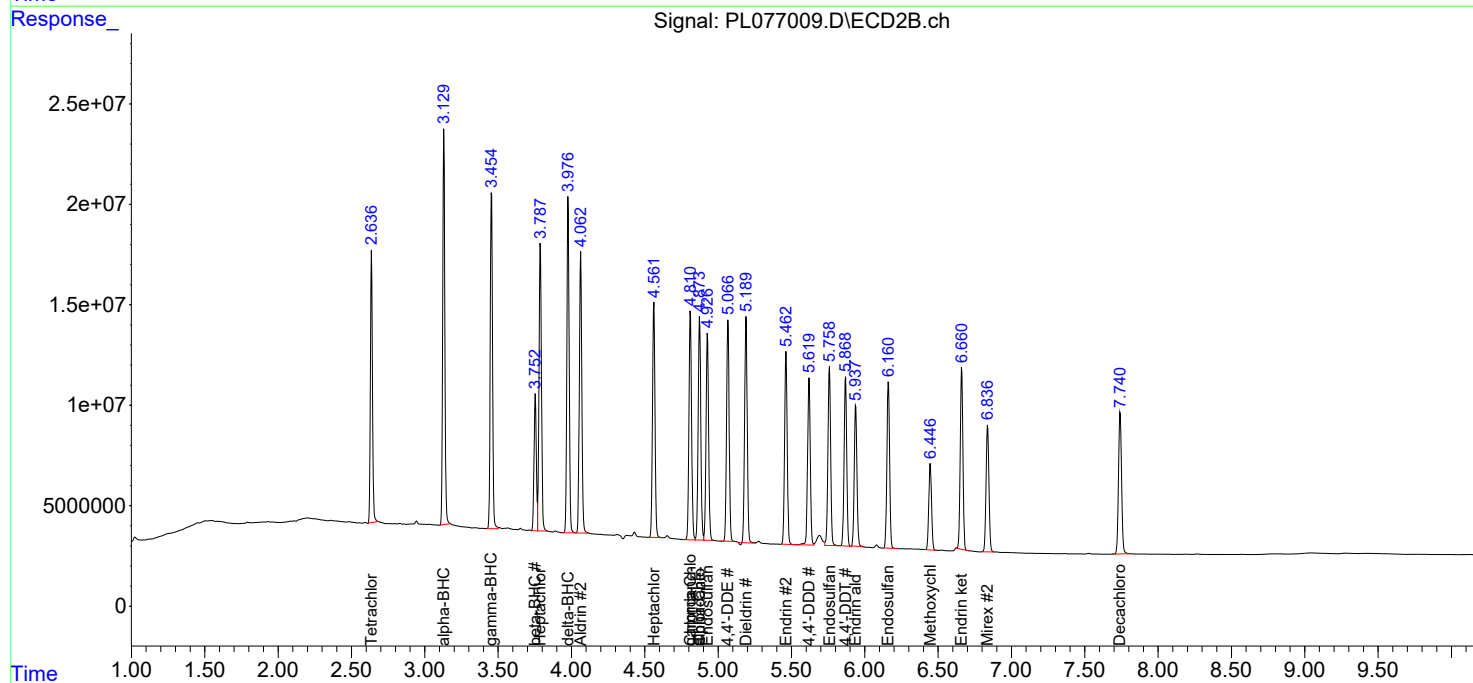
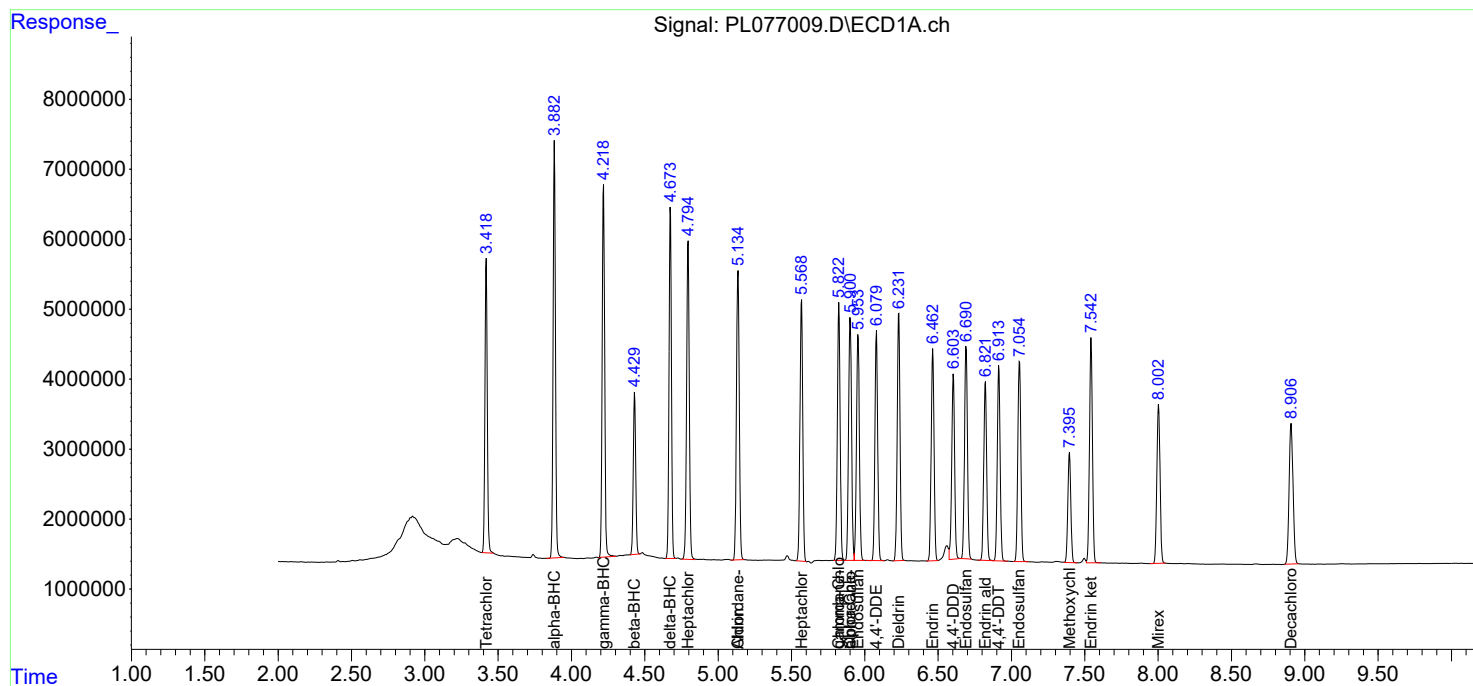
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

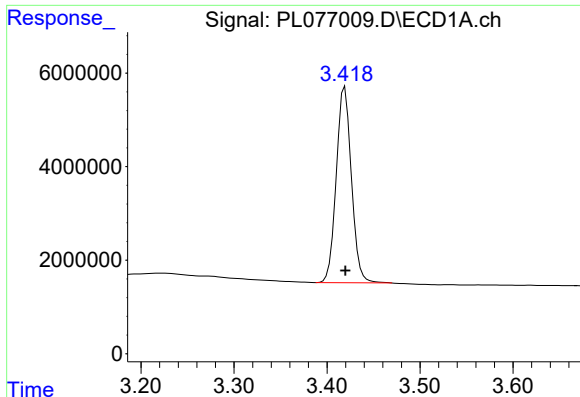
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081022\  
Data File : PL077009.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Aug 2022 10:29  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 15:32:42 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080822.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 09 09:13:15 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

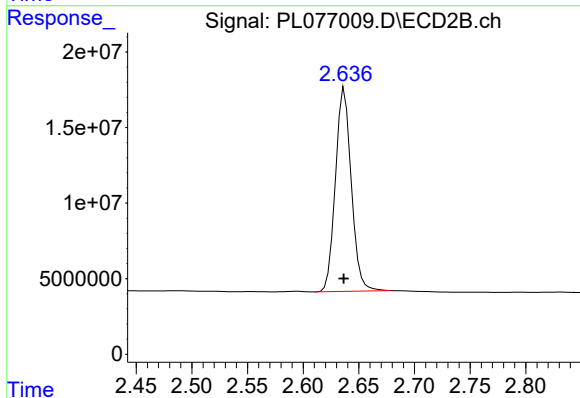




#1 Tetrachloro-m-xylene

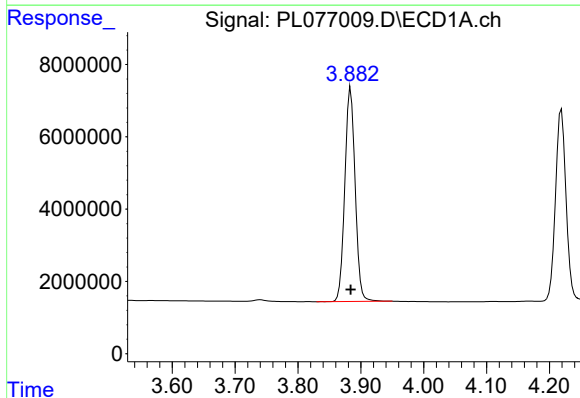
R.T.: 3.419 min  
Delta R.T.: 0.000 min  
Response: 47480404  
Conc: 48.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



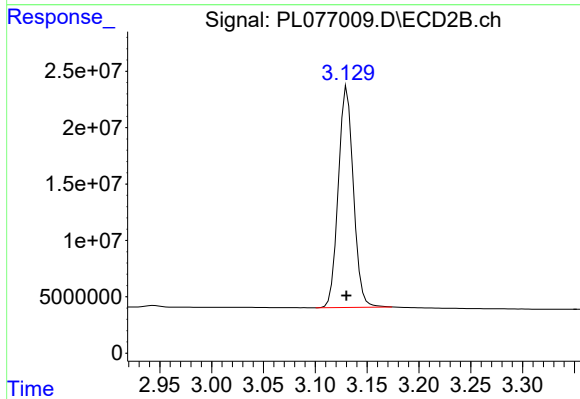
#1 Tetrachloro-m-xylene

R.T.: 2.637 min  
Delta R.T.: 0.000 min  
Response: 133594697  
Conc: 46.67 ng/ml



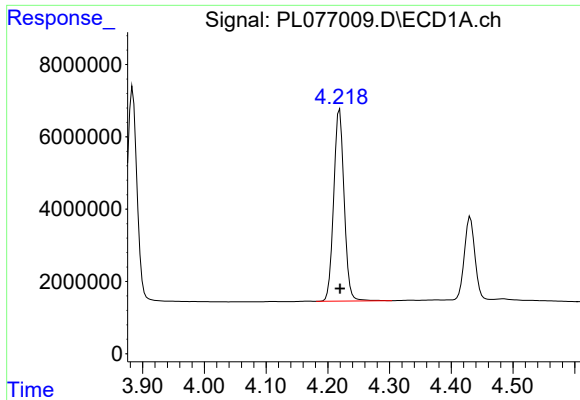
#2 alpha-BHC

R.T.: 3.884 min  
Delta R.T.: 0.000 min  
Response: 67267979  
Conc: 48.59 ng/ml



#2 alpha-BHC

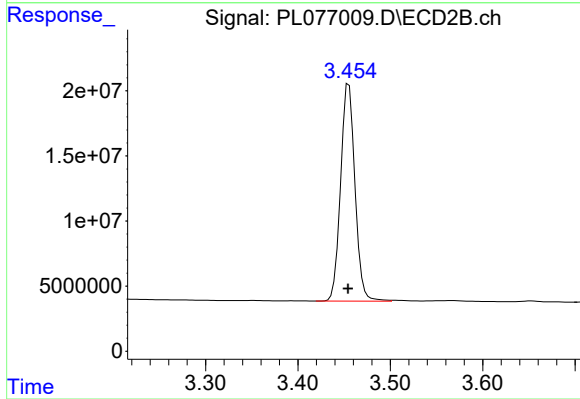
R.T.: 3.131 min  
Delta R.T.: 0.000 min  
Response: 198440750  
Conc: 46.79 ng/ml



#3 gamma-BHC (Lindane)

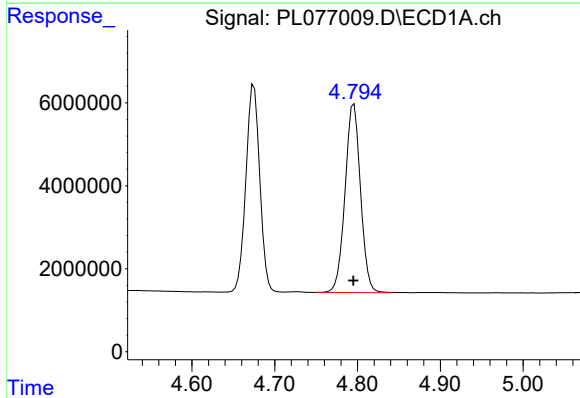
R.T.: 4.219 min  
Delta R.T.: 0.000 min  
Response: 62499608  
Conc: 48.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



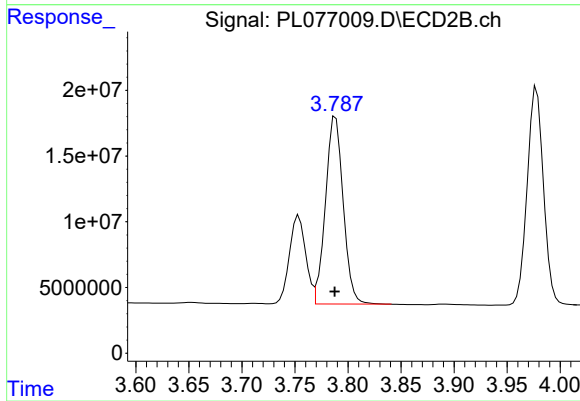
#3 gamma-BHC (Lindane)

R.T.: 3.455 min  
Delta R.T.: 0.000 min  
Response: 180226354  
Conc: 47.24 ng/ml



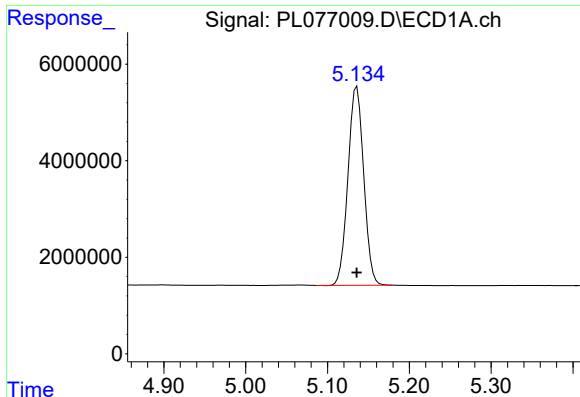
#4 Heptachlor

R.T.: 4.796 min  
Delta R.T.: 0.000 min  
Response: 59024632  
Conc: 48.04 ng/ml



#4 Heptachlor

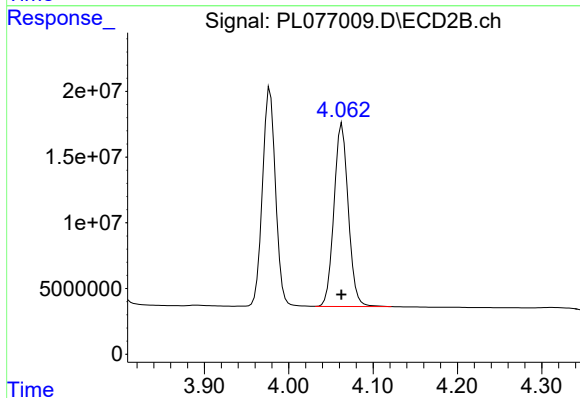
R.T.: 3.788 min  
Delta R.T.: 0.000 min  
Response: 166465703  
Conc: 46.39 ng/ml



#5 Aldrin

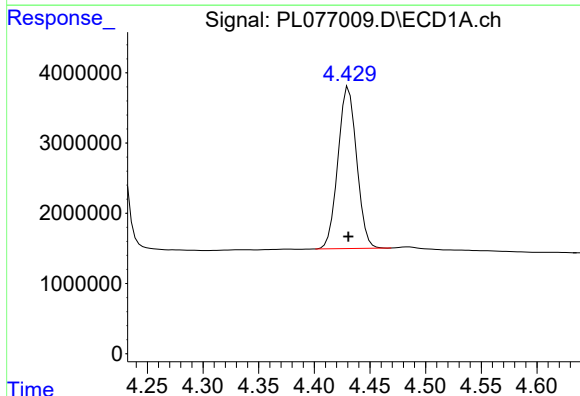
R.T.: 5.136 min  
Delta R.T.: 0.000 min  
Response: 54819702  
Conc: 48.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



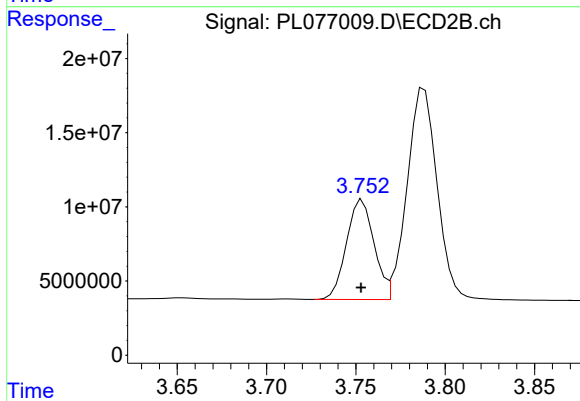
#5 Aldrin

R.T.: 4.063 min  
Delta R.T.: 0.000 min  
Response: 163983487  
Conc: 46.29 ng/ml



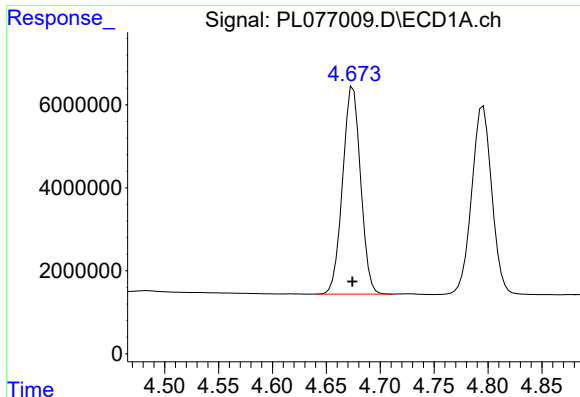
#6 beta-BHC

R.T.: 4.431 min  
Delta R.T.: 0.000 min  
Response: 26990748  
Conc: 48.09 ng/ml



#6 beta-BHC

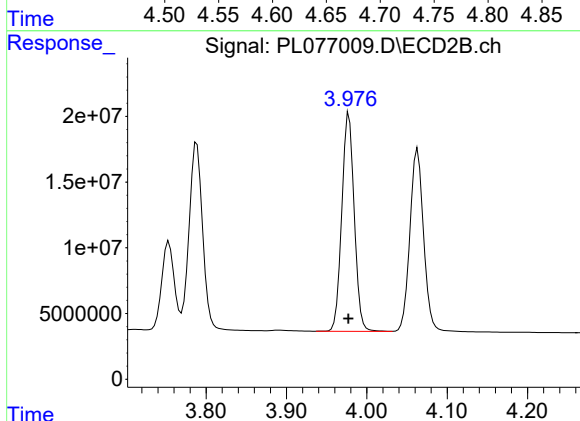
R.T.: 3.754 min  
Delta R.T.: 0.000 min  
Response: 72213704  
Conc: 46.22 ng/ml



#7 delta-BHC

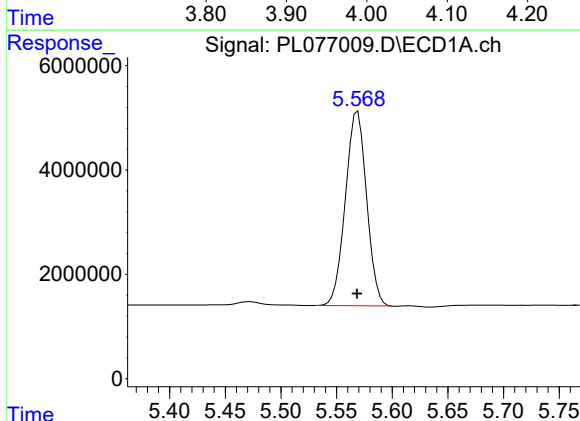
R.T.: 4.675 min  
Delta R.T.: 0.000 min  
Response: 58151339  
Conc: 52.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



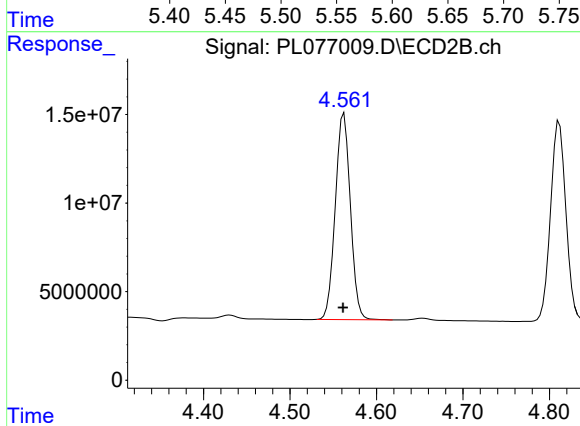
#7 delta-BHC

R.T.: 3.978 min  
Delta R.T.: 0.000 min  
Response: 178553202  
Conc: 46.72 ng/ml



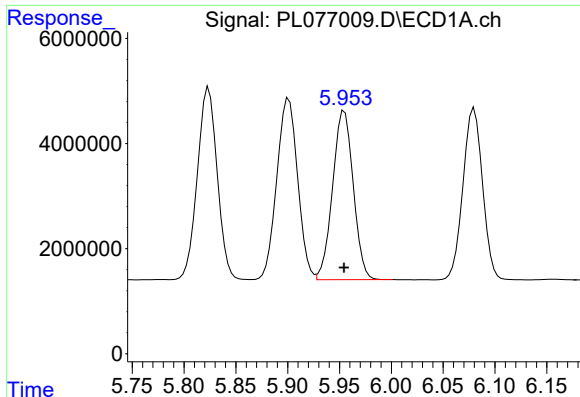
#8 Heptachlor epoxide

R.T.: 5.569 min  
Delta R.T.: 0.000 min  
Response: 49489704  
Conc: 49.01 ng/ml



#8 Heptachlor epoxide

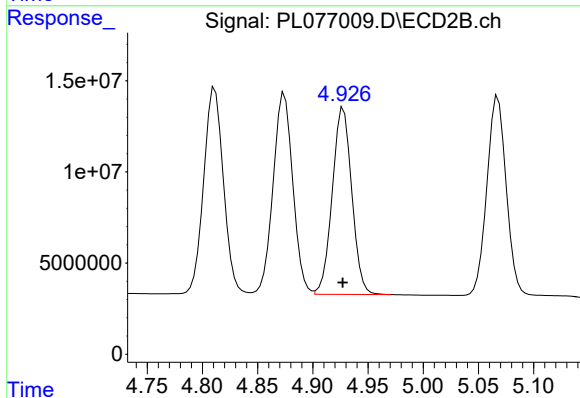
R.T.: 4.563 min  
Delta R.T.: 0.001 min  
Response: 140516585  
Conc: 46.24 ng/ml



#9 Endosulfan I

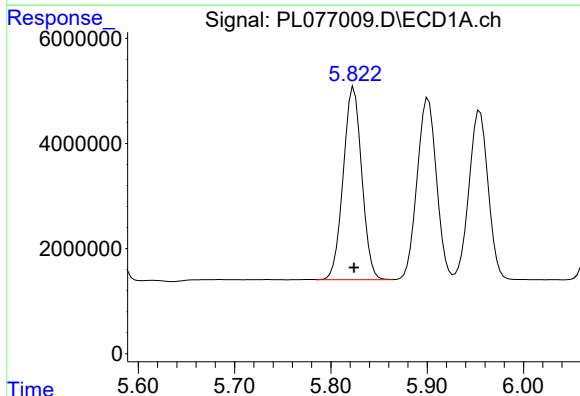
R.T.: 5.955 min  
Delta R.T.: 0.000 min  
Response: 44519690  
Conc: 48.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



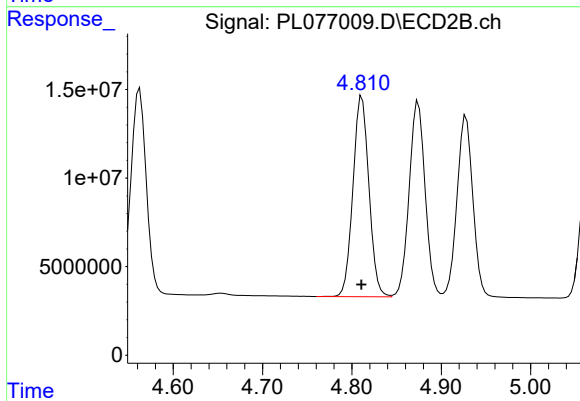
#9 Endosulfan I

R.T.: 4.928 min  
Delta R.T.: 0.000 min  
Response: 125989001  
Conc: 46.10 ng/ml



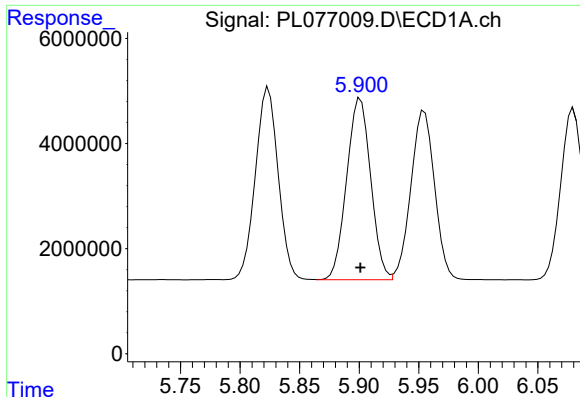
#10 gamma-Chlordane

R.T.: 5.824 min  
Delta R.T.: 0.000 min  
Response: 48748962  
Conc: 48.64 ng/ml



#10 gamma-Chlordane

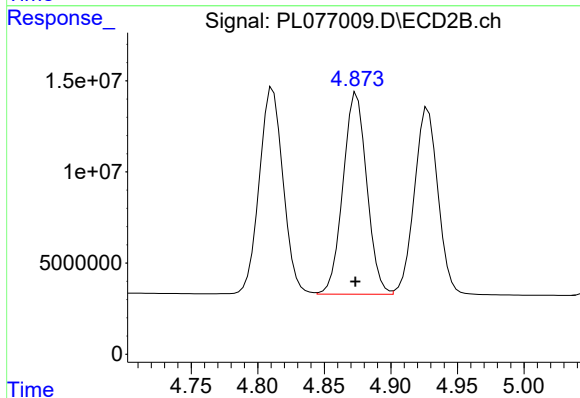
R.T.: 4.811 min  
Delta R.T.: 0.000 min  
Response: 140798238  
Conc: 46.22 ng/ml



#11 alpha-Chlordane

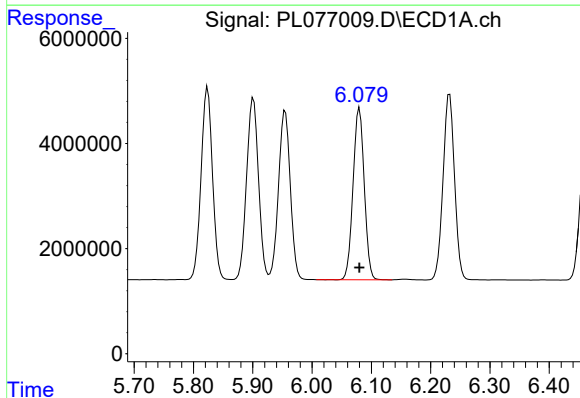
R.T.: 5.901 min  
Delta R.T.: 0.000 min  
Response: 48437097  
Conc: 48.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



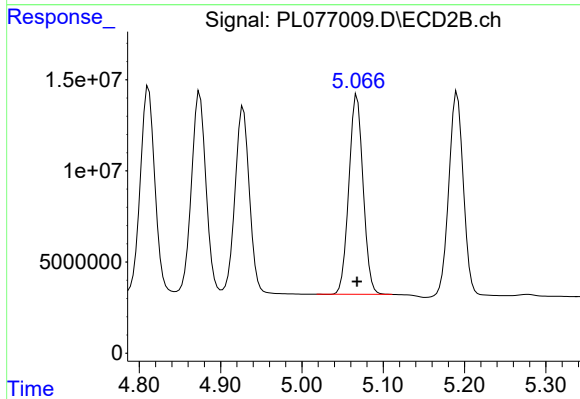
#11 alpha-Chlordane

R.T.: 4.874 min  
Delta R.T.: 0.000 min  
Response: 137426434  
Conc: 46.15 ng/ml



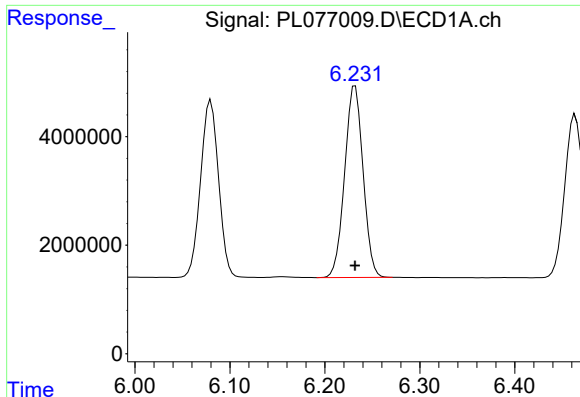
#12 4,4'-DDE

R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 42912770  
Conc: 49.18 ng/ml



#12 4,4'-DDE

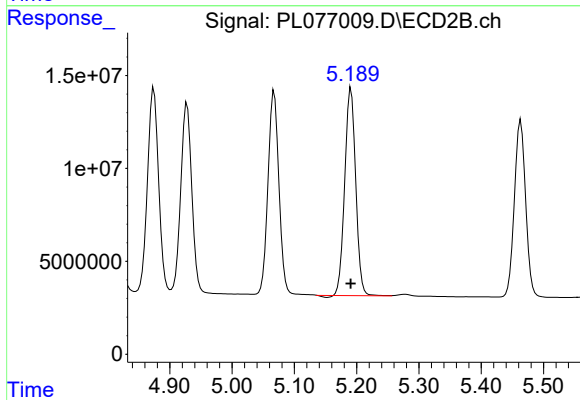
R.T.: 5.068 min  
Delta R.T.: 0.000 min  
Response: 132934334  
Conc: 46.07 ng/ml



#13 Dieldrin

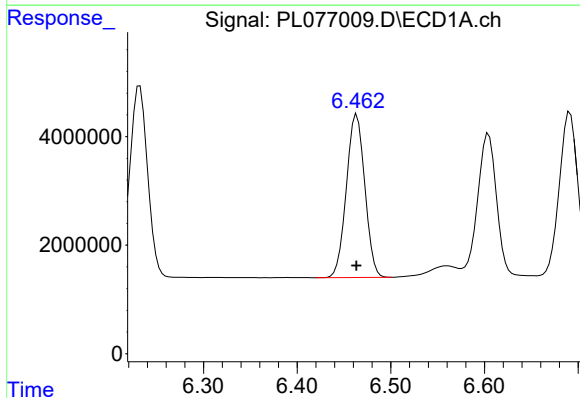
R.T.: 6.232 min  
Delta R.T.: 0.000 min  
Response: 47550326  
Conc: 48.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



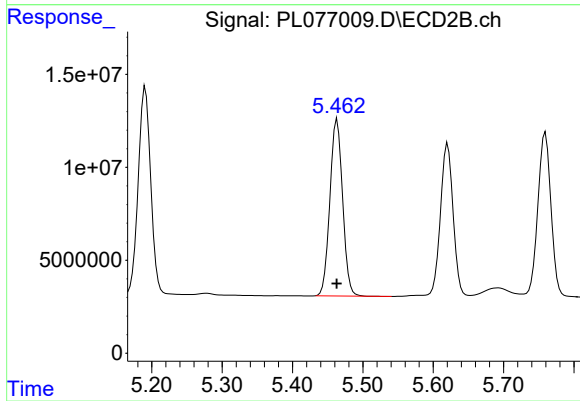
#13 Dieldrin

R.T.: 5.191 min  
Delta R.T.: 0.000 min  
Response: 137019432  
Conc: 45.68 ng/ml



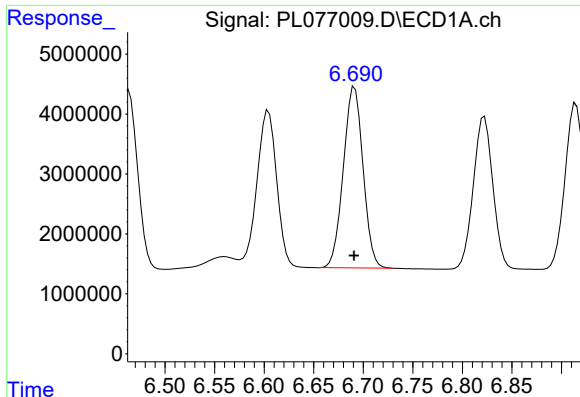
#14 Endrin

R.T.: 6.464 min  
Delta R.T.: 0.000 min  
Response: 41169784  
Conc: 50.59 ng/ml



#14 Endrin

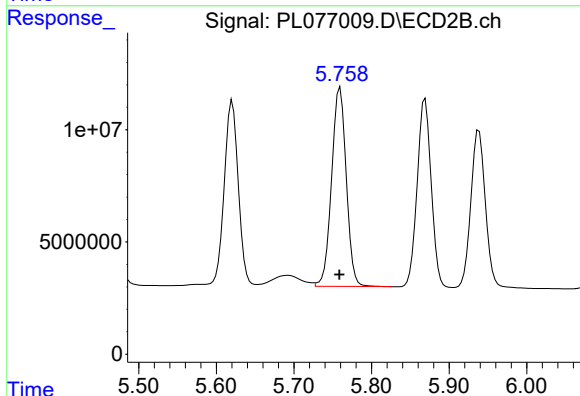
R.T.: 5.463 min  
Delta R.T.: 0.000 min  
Response: 119442909  
Conc: 47.02 ng/ml



#15 Endosulfan II

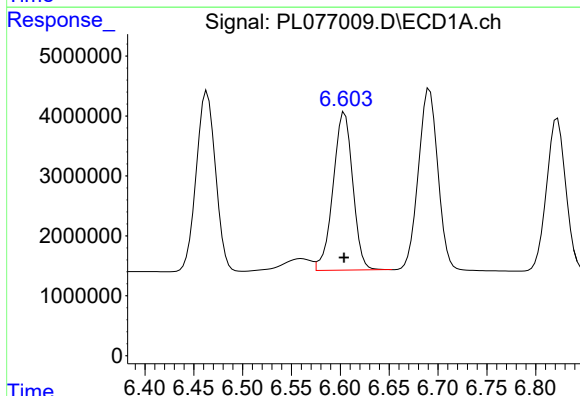
R.T.: 6.691 min  
Delta R.T.: 0.000 min  
Response: 41797628  
Conc: 48.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



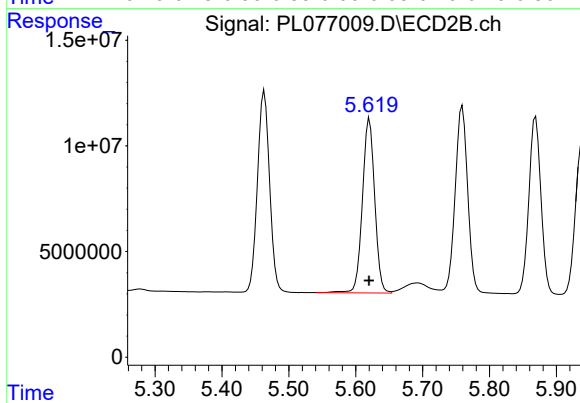
#15 Endosulfan II

R.T.: 5.760 min  
Delta R.T.: 0.000 min  
Response: 116393680  
Conc: 44.44 ng/ml



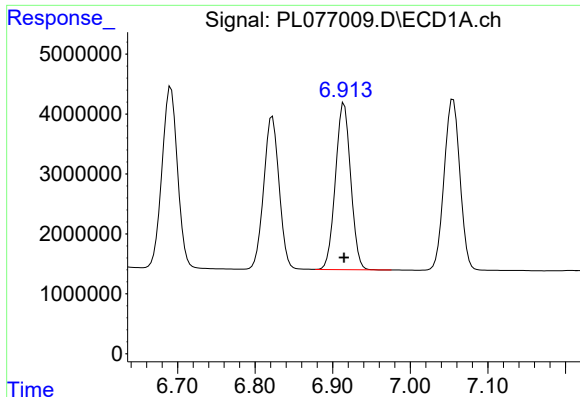
#16 4,4'-DDD

R.T.: 6.604 min  
Delta R.T.: 0.000 min  
Response: 36969722  
Conc: 48.53 ng/ml



#16 4,4'-DDD

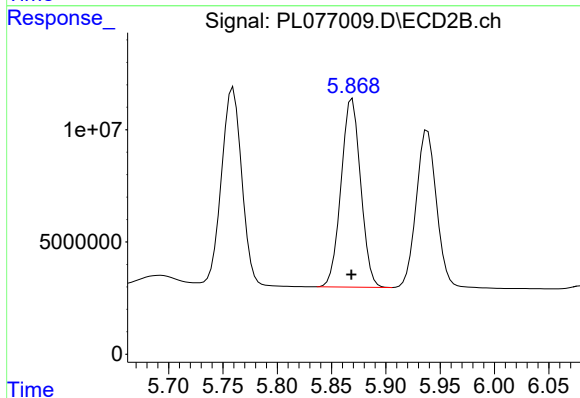
R.T.: 5.620 min  
Delta R.T.: 0.000 min  
Response: 104997991  
Conc: 46.60 ng/ml



#17 4,4'-DDT

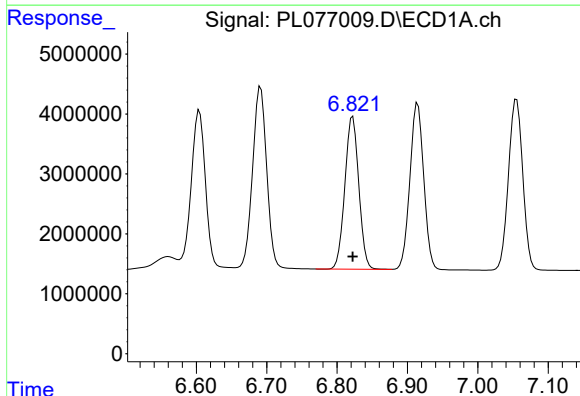
R.T.: 6.915 min  
Delta R.T.: 0.000 min  
Response: 38050368  
Conc: 49.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



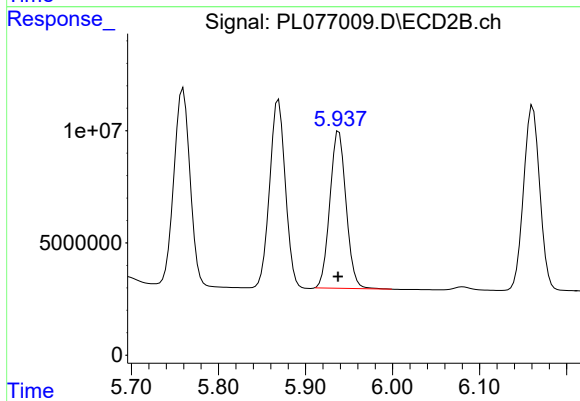
#17 4,4'-DDT

R.T.: 5.869 min  
Delta R.T.: 0.000 min  
Response: 105437398  
Conc: 46.51 ng/ml



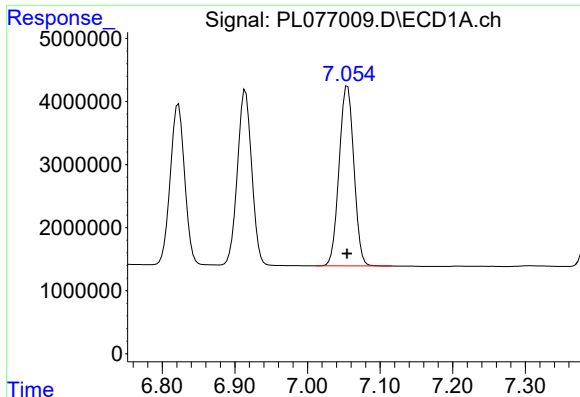
#18 Endrin aldehyde

R.T.: 6.822 min  
Delta R.T.: 0.000 min  
Response: 35126949  
Conc: 48.72 ng/ml



#18 Endrin aldehyde

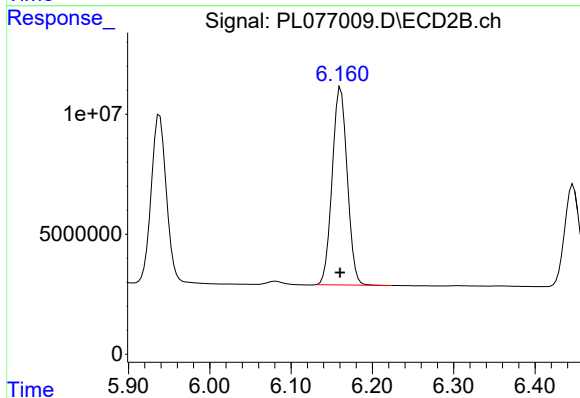
R.T.: 5.938 min  
Delta R.T.: 0.000 min  
Response: 90306345  
Conc: 45.93 ng/ml



#19 Endosulfan Sulfate

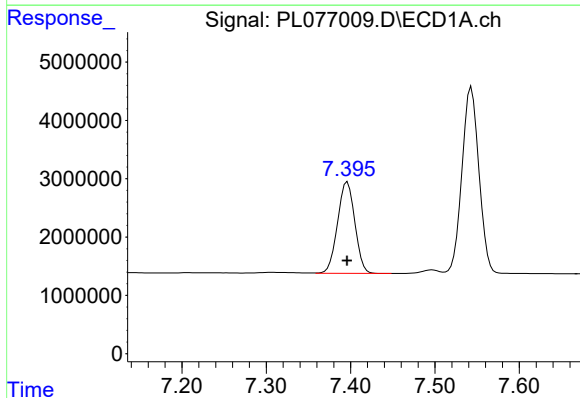
R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 40374292  
Conc: 48.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



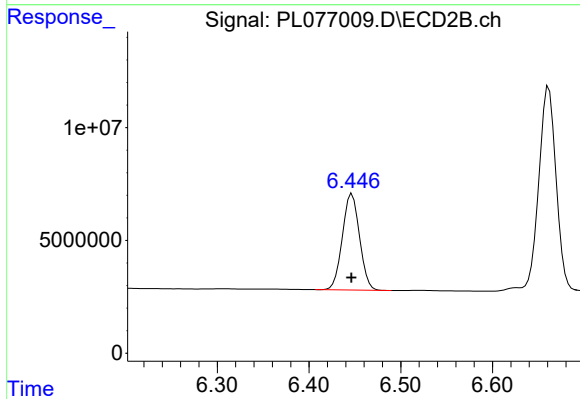
#19 Endosulfan Sulfate

R.T.: 6.161 min  
Delta R.T.: 0.001 min  
Response: 106257469  
Conc: 46.06 ng/ml



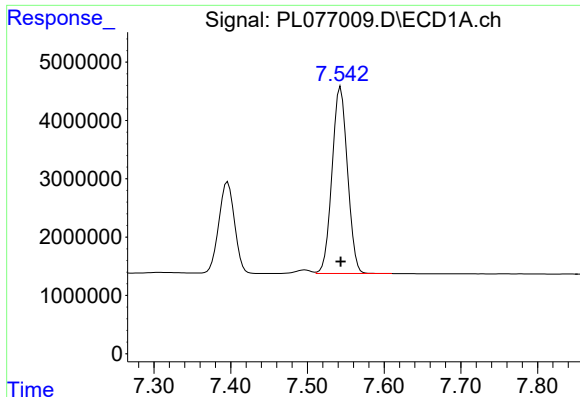
#20 Methoxychlor

R.T.: 7.396 min  
Delta R.T.: 0.000 min  
Response: 22317700  
Conc: 50.28 ng/ml



#20 Methoxychlor

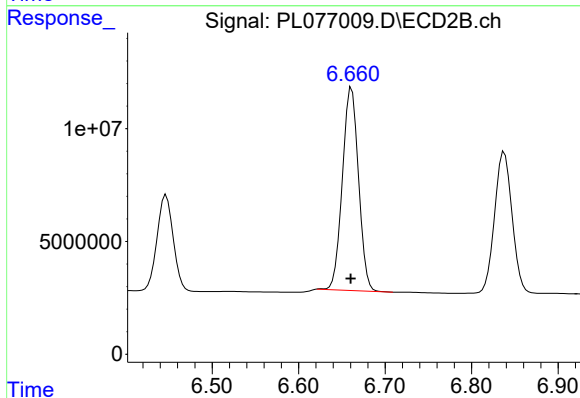
R.T.: 6.447 min  
Delta R.T.: 0.000 min  
Response: 55472704  
Conc: 46.12 ng/ml



#21 Endrin ketone

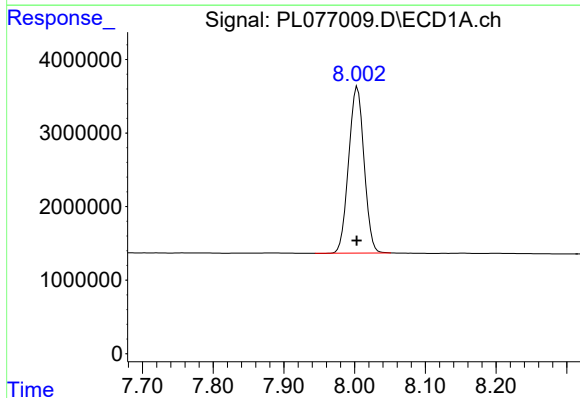
R.T.: 7.543 min  
Delta R.T.: 0.000 min  
Response: 44783187  
Conc: 49.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



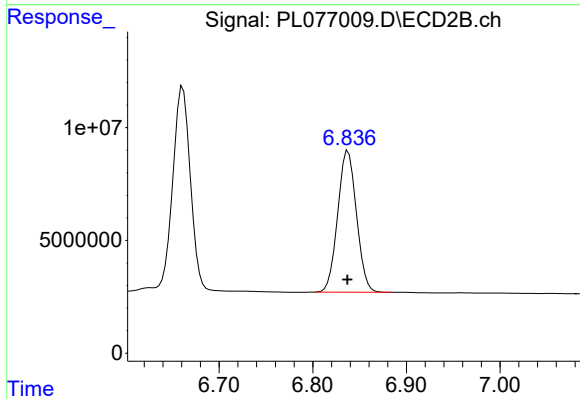
#21 Endrin ketone

R.T.: 6.661 min  
Delta R.T.: 0.000 min  
Response: 115756448  
Conc: 45.51 ng/ml



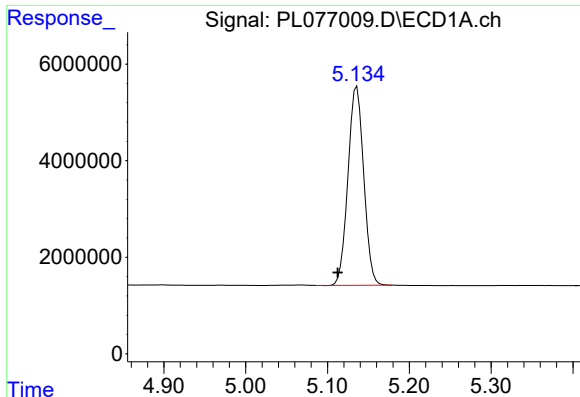
#22 Mirex

R.T.: 8.004 min  
Delta R.T.: 0.000 min  
Response: 34328353  
Conc: 48.86 ng/ml



#22 Mirex

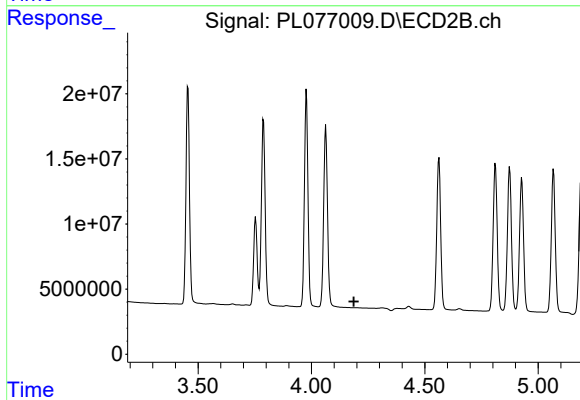
R.T.: 6.838 min  
Delta R.T.: 0.000 min  
Response: 87506099  
Conc: 45.74 ng/ml



#24 Chlordane-2

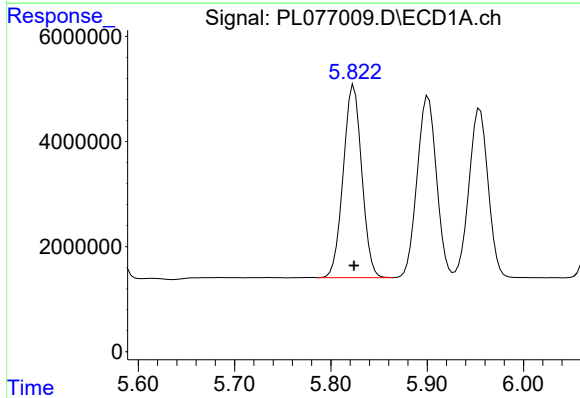
R.T.: 5.136 min  
Delta R.T.: 0.023 min  
Response: 54819702  
Conc: 1379.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



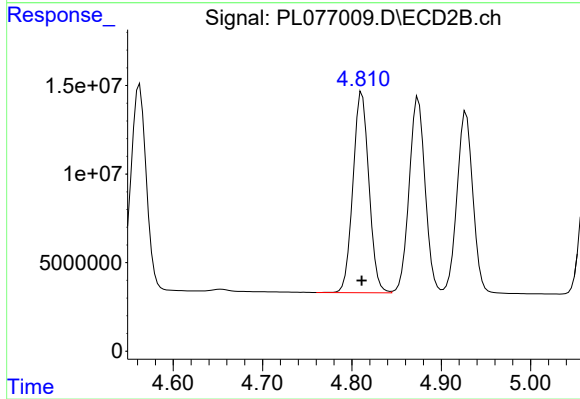
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.187 min  
Response: 0  
Conc: N.D.



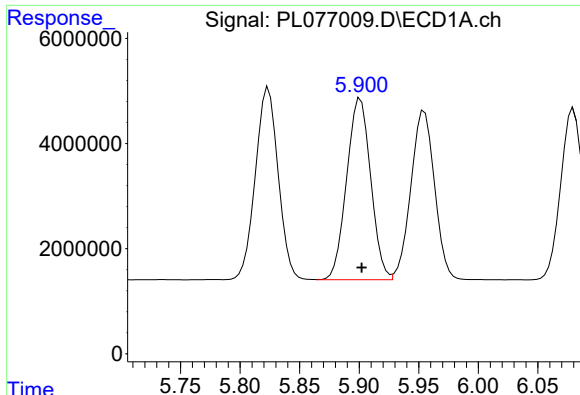
#25 Chlordane-3

R.T.: 5.824 min  
Delta R.T.: 0.000 min  
Response: 48748962  
Conc: 335.34 ng/ml



#25 Chlordane-3

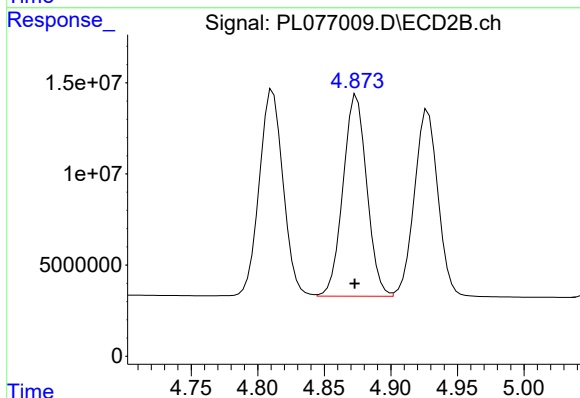
R.T.: 4.811 min  
Delta R.T.: 0.000 min  
Response: 140798238  
Conc: 444.71 ng/ml



#26 Chlordane-4

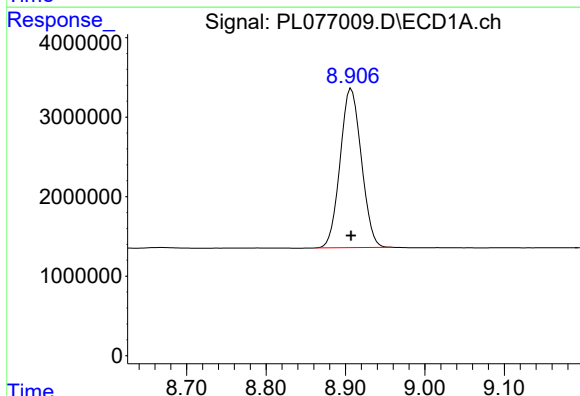
R.T.: 5.901 min  
Delta R.T.: -0.001 min  
Response: 48437097  
Conc: 274.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



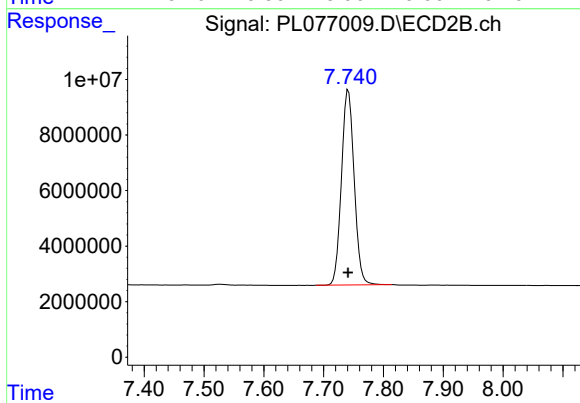
#26 Chlordane-4

R.T.: 4.874 min  
Delta R.T.: 0.001 min  
Response: 137426434  
Conc: 417.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.907 min  
Delta R.T.: 0.000 min  
Response: 37171983  
Conc: 49.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.741 min  
Delta R.T.: 0.000 min  
Response: 104062325  
Conc: 46.23 ng/ml