

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100923\  
 Data File : PL085779.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2023 15:57  
 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: Oct 10 03:18:21 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 2023  
 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... | 3.358  | 2.623 | 145.3E6  | 46062947 | 48.870   | 49.312    |
| 28)                         | SA Decachlor... | 8.863  | 7.777 | 114.1E6  | 45897993 | 52.366   | 49.728    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.812  | 3.122 | 212.9E6  | 62384298 | 49.612   | 49.585    |
| 3)                          | MA gamma-BHC... | 4.144  | 3.449 | 205.8E6  | 61339185 | 49.791   | 49.734    |
| 4)                          | MA Heptachlor   | 4.732  | 3.785 | 193.3E6  | 56906919 | 49.977   | 48.929    |
| 5)                          | MB Aldrin       | 5.071  | 4.063 | 189.0E6  | 55779792 | 48.765   | 49.881    |
| 6)                          | B beta-BHC      | 4.347  | 3.751 | 85430649 | 26708439 | 51.663   | 51.304    |
| 7)                          | B delta-BHC     | 4.590  | 3.976 | 199.5E6  | 59805806 | 52.023   | 52.052    |
| 8)                          | B Heptachlo...  | 5.501  | 4.567 | 164.4E6  | 50883363 | 47.654   | 50.660    |
| 9)                          | A Endosulfan I  | 5.885  | 4.935 | 155.4E6  | 47221679 | 48.057   | 44.020    |
| 10)                         | B gamma-Chl...  | 5.759  | 4.819 | 169.2E6  | 51621483 | 49.461   | 52.123    |
| 11)                         | B alpha-Chl...  | 5.839  | 4.883 | 166.7E6  | 51352791 | 48.764   | 47.081    |
| 12)                         | B 4,4'-DDE      | 6.022  | 5.082 | 144.7E6  | 45112662 | 51.726   | 54.939    |
| 13)                         | MA Dieldrin     | 6.163  | 5.201 | 155.9E6  | 49062996 | 47.447   | 50.569    |
| 14)                         | MA Endrin       | 6.391  | 5.475 | 134.1E6  | 45936034 | 47.068   | 51.096    |
| 15)                         | B Endosulfa...  | 6.614  | 5.772 | 135.4E6  | 46295966 | 49.124   | 48.684    |
| 16)                         | A 4,4'-DDD      | 6.541  | 5.638 | 117.5E6  | 39637626 | 58.338   | 56.947    |
| 17)                         | MA 4,4'-DDT     | 6.856  | 5.889 | 120.6E6  | 43110139 | 51.148   | 54.518    |
| 18)                         | B Endrin al...  | 6.745  | 5.954 | 100.2E6  | 36386772 | 49.449   | 48.795    |
| 19)                         | B Endosulfa...  | 6.981  | 6.179 | 126.1E6  | 45462575 | 50.235   | 50.395    |
| 20)                         | A Methoxychlor  | 7.342  | 6.474 | 67668331 | 26314995 | 48.452   | 50.021    |
| 21)                         | B Endrin ke...  | 7.464  | 6.681 | 137.3E6  | 56365858 | 47.660   | 49.039    |
| 22)                         | Mirex           | 7.936  | 6.858 | 104.0E6  | 45411485 | 46.971   | 48.148    |
| 23)                         | Chlordane-1     | 0.000  | 3.608 | 0        | 7735     | N.D.     | 0.237 #   |
| 24)                         | Chlordane-2     | 5.071f | 4.204 | 189.0E6  | 415657   | 1453.580 | 10.681 #  |
| 25)                         | Chlordane-3     | 5.759  | 4.819 | 169.2E6  | 51621483 | 331.689  | 510.863 # |
| 26)                         | Chlordane-4     | 5.839  | 4.883 | 166.7E6  | 51352791 | 262.685  | 443.522 # |
| -----                       |                 |        |       |          |          |          |           |

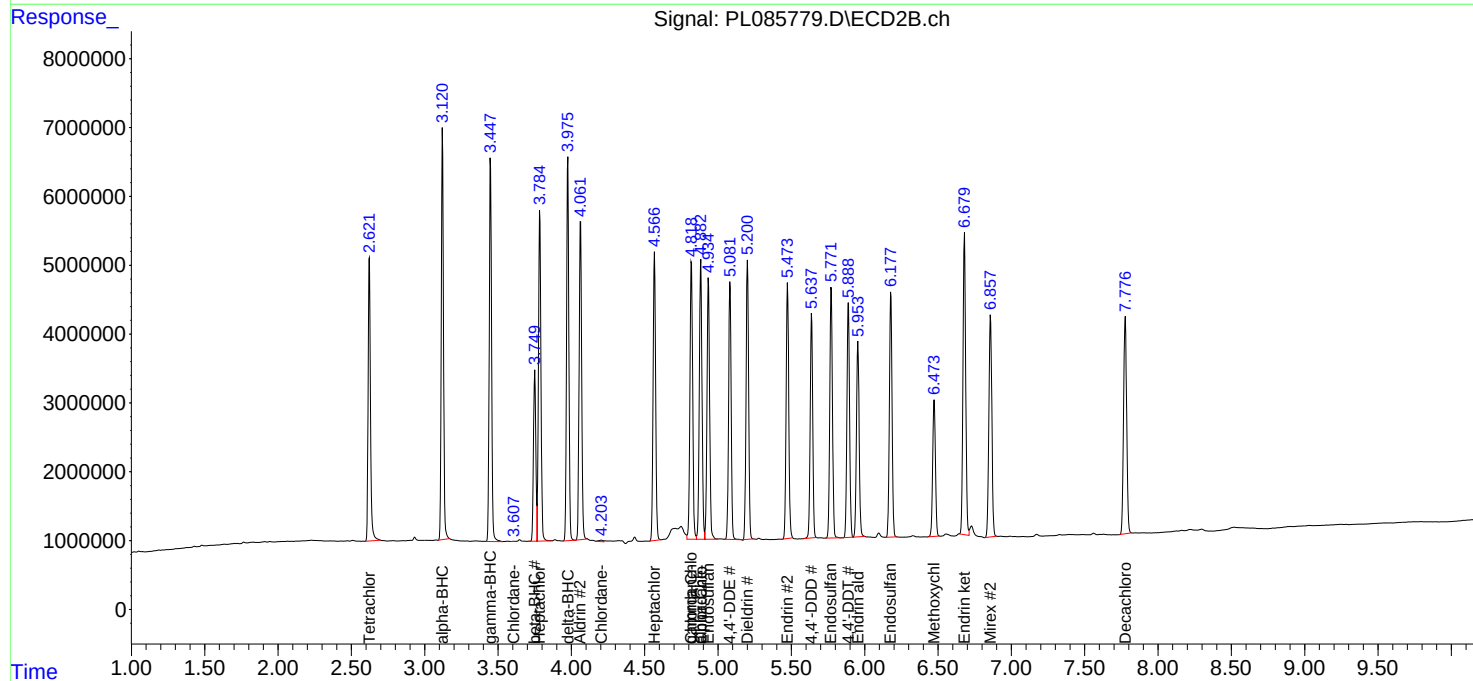
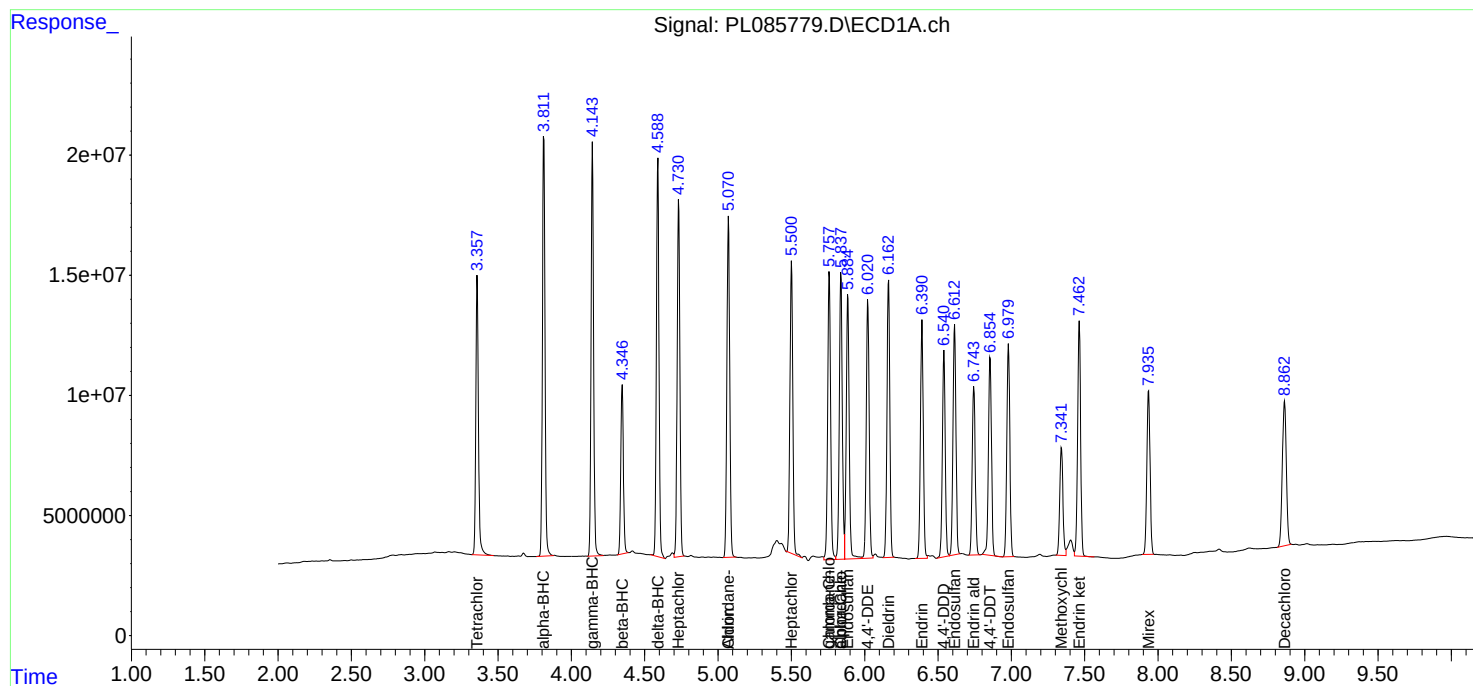
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

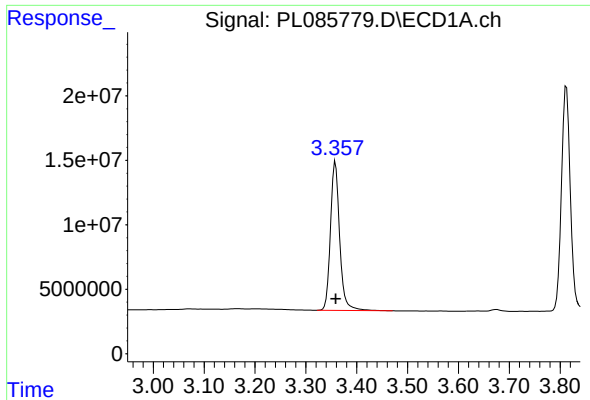
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100923\  
Data File : PL085779.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Oct 2023 15:57  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 03:18:21 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 04 05:29:39 2023  
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

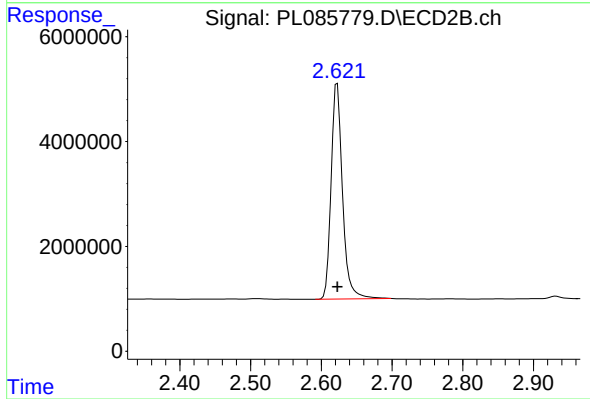




#1 Tetrachloro-m-xylene

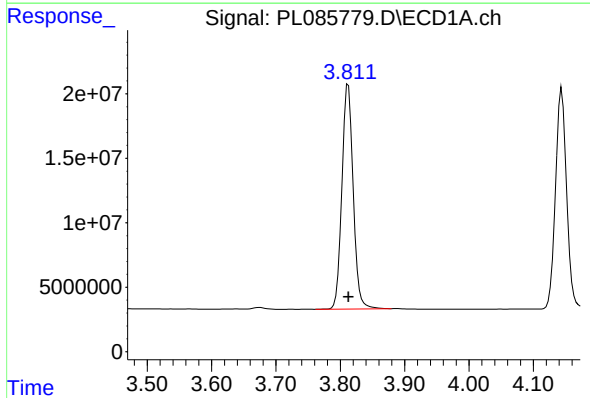
R.T.: 3.358 min  
Delta R.T.: 0.000 min  
Response: 145348117  
Conc: 48.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



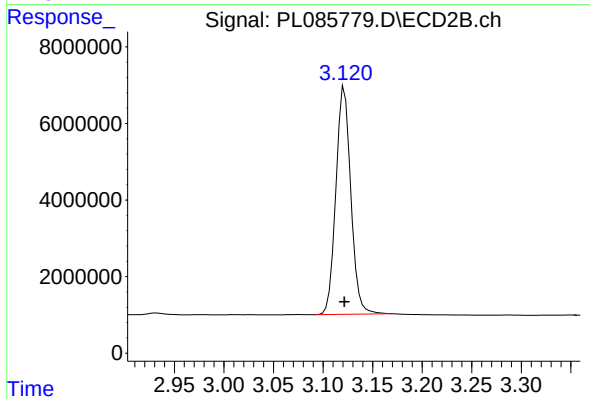
#1 Tetrachloro-m-xylene

R.T.: 2.623 min  
Delta R.T.: 0.000 min  
Response: 46062947  
Conc: 49.31 ng/ml



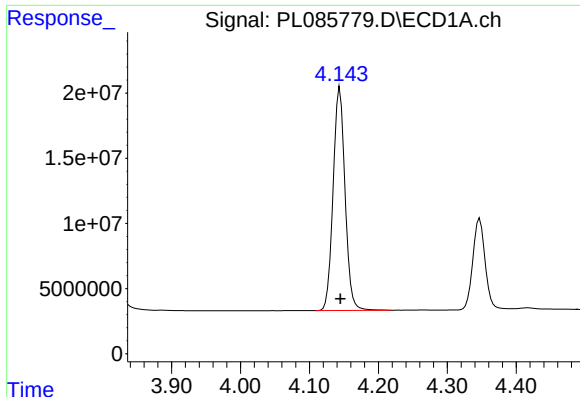
#2 alpha-BHC

R.T.: 3.812 min  
Delta R.T.: 0.000 min  
Response: 212928144  
Conc: 49.61 ng/ml



#2 alpha-BHC

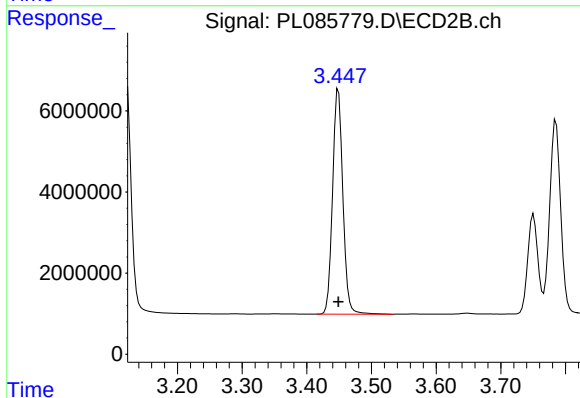
R.T.: 3.122 min  
Delta R.T.: 0.000 min  
Response: 62384298  
Conc: 49.58 ng/ml



#3 gamma-BHC (Lindane)

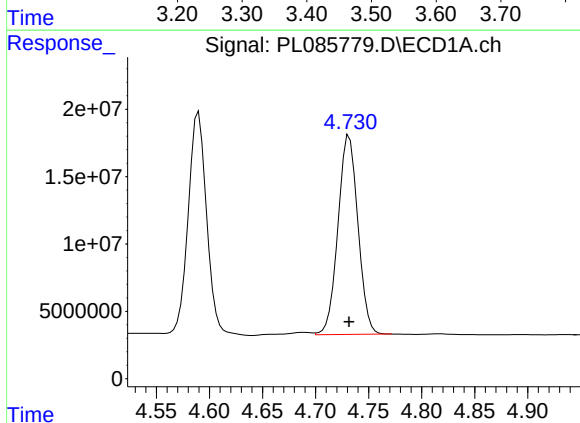
R.T.: 4.144 min  
Delta R.T.: 0.000 min  
Response: 205801644  
Conc: 49.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



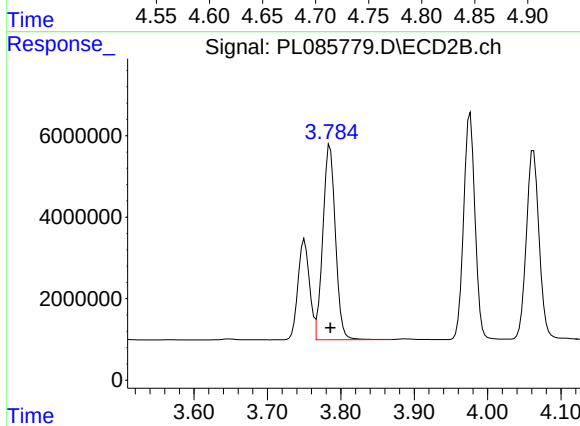
#3 gamma-BHC (Lindane)

R.T.: 3.449 min  
Delta R.T.: 0.000 min  
Response: 61339185  
Conc: 49.73 ng/ml



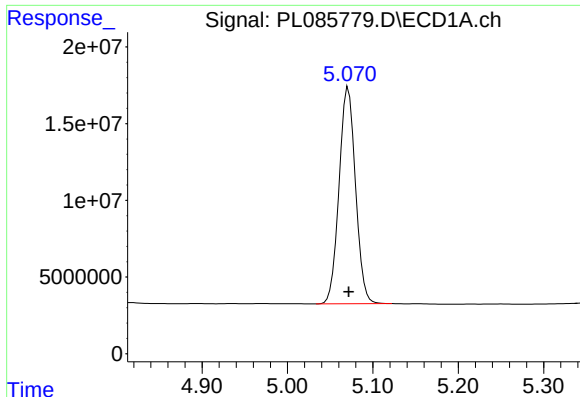
#4 Heptachlor

R.T.: 4.732 min  
Delta R.T.: 0.000 min  
Response: 193290120  
Conc: 49.98 ng/ml



#4 Heptachlor

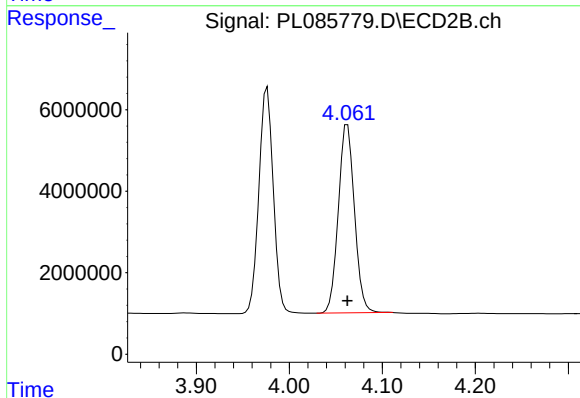
R.T.: 3.785 min  
Delta R.T.: 0.000 min  
Response: 56906919  
Conc: 48.93 ng/ml



#5 Aldrin

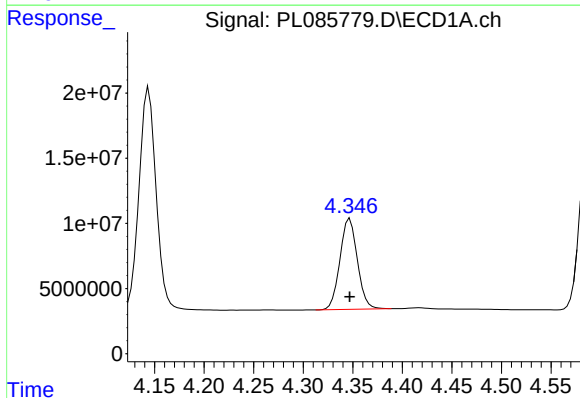
R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 189029235  
Conc: 48.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



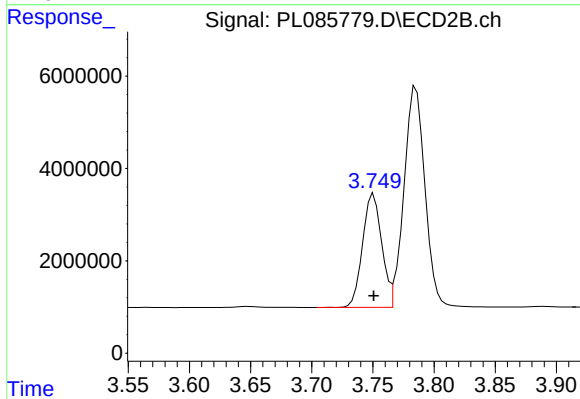
#5 Aldrin

R.T.: 4.063 min  
Delta R.T.: 0.000 min  
Response: 55779792  
Conc: 49.88 ng/ml



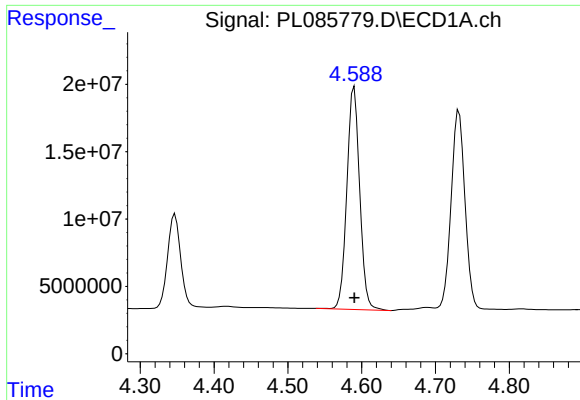
#6 beta-BHC

R.T.: 4.347 min  
Delta R.T.: 0.000 min  
Response: 85430649  
Conc: 51.66 ng/ml



#6 beta-BHC

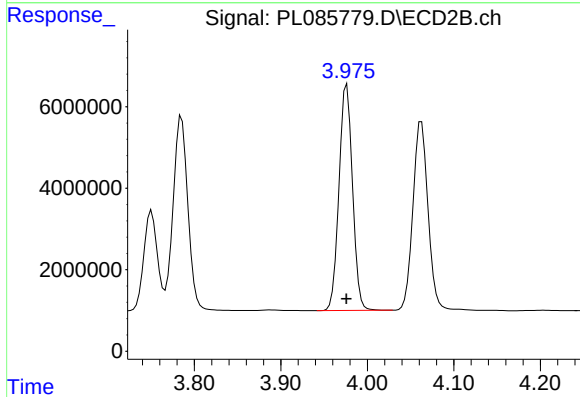
R.T.: 3.751 min  
Delta R.T.: 0.000 min  
Response: 26708439  
Conc: 51.30 ng/ml



#7 delta-BHC

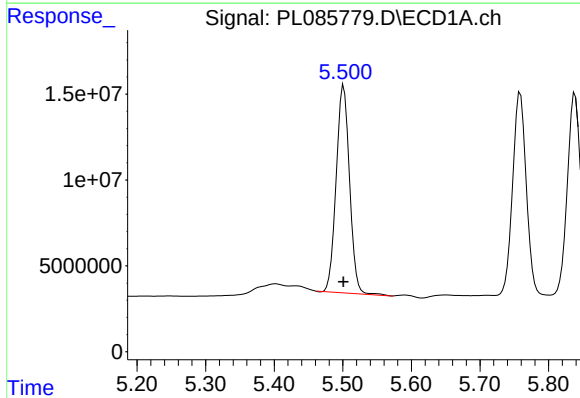
R.T.: 4.590 min  
Delta R.T.: 0.000 min  
Response: 199477142  
Conc: 52.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



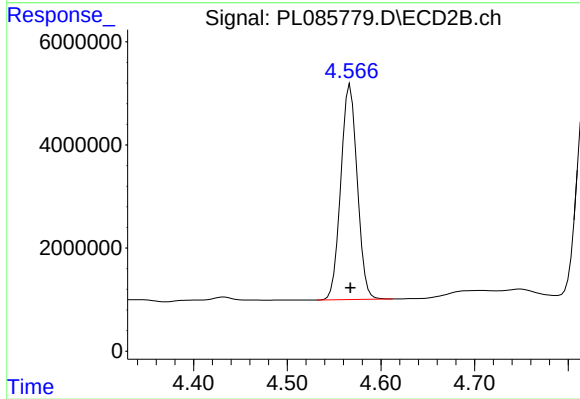
#7 delta-BHC

R.T.: 3.976 min  
Delta R.T.: 0.000 min  
Response: 59805806  
Conc: 52.05 ng/ml



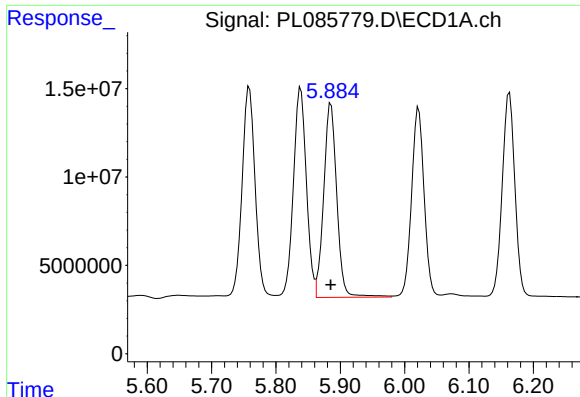
#8 Heptachlor epoxide

R.T.: 5.501 min  
Delta R.T.: 0.000 min  
Response: 164399348  
Conc: 47.65 ng/ml



#8 Heptachlor epoxide

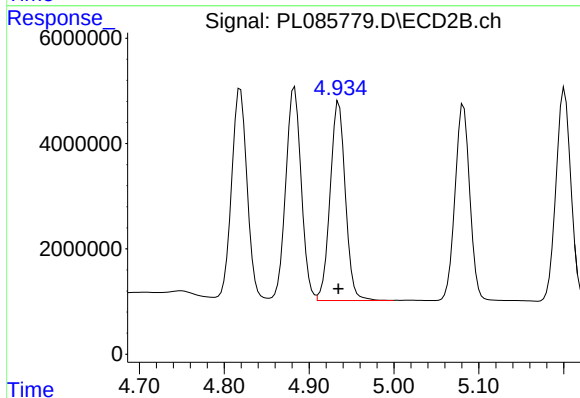
R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 50883363  
Conc: 50.66 ng/ml



#9 Endosulfan I

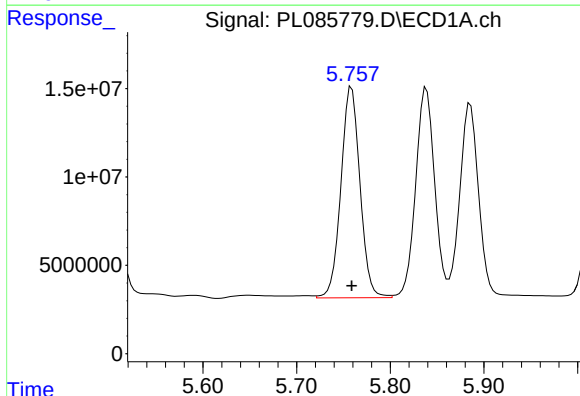
R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 155416097  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



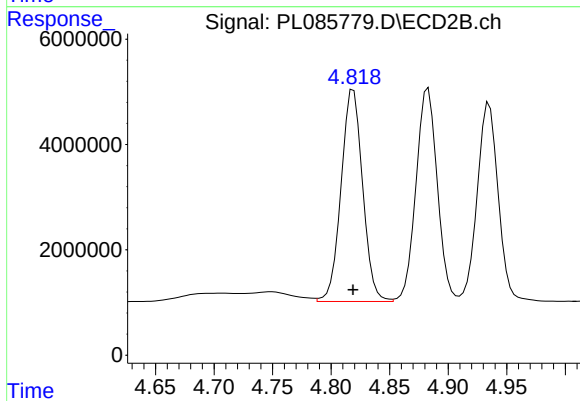
#9 Endosulfan I

R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 47221679  
Conc: 44.02 ng/ml



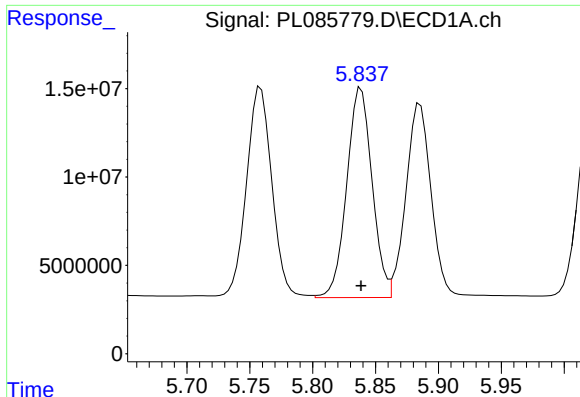
#10 gamma-Chlordane

R.T.: 5.759 min  
Delta R.T.: 0.000 min  
Response: 169227920  
Conc: 49.46 ng/ml



#10 gamma-Chlordane

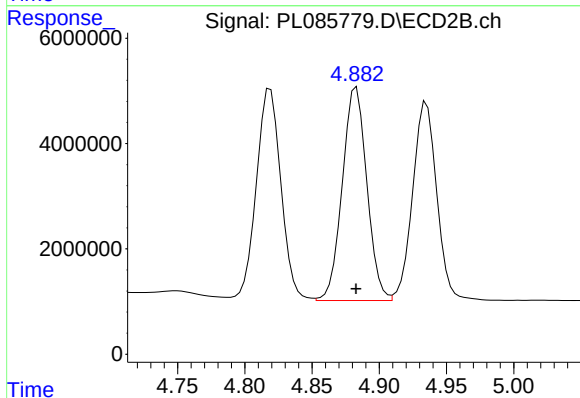
R.T.: 4.819 min  
Delta R.T.: 0.000 min  
Response: 51621483  
Conc: 52.12 ng/ml



#11 alpha-Chlordane

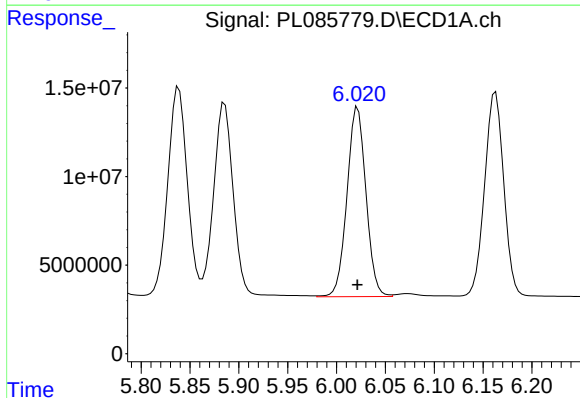
R.T.: 5.839 min  
Delta R.T.: 0.000 min  
Response: 166657997  
Conc: 48.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



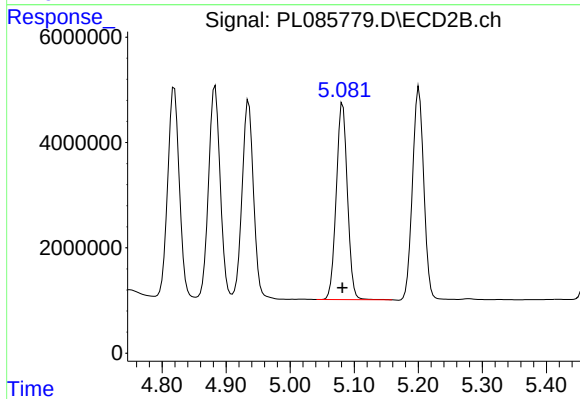
#11 alpha-Chlordane

R.T.: 4.883 min  
Delta R.T.: 0.000 min  
Response: 51352791  
Conc: 47.08 ng/ml



#12 4,4'-DDE

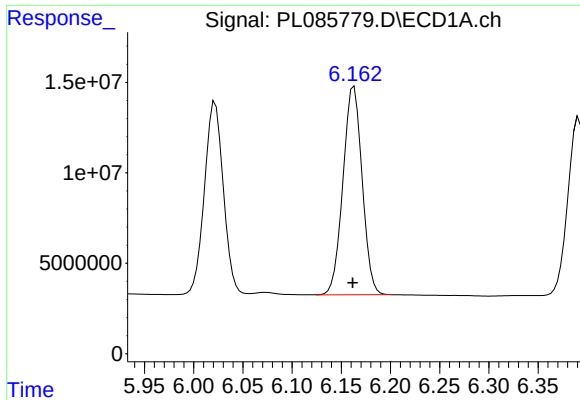
R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 144653210  
Conc: 51.73 ng/ml



#12 4,4'-DDE

R.T.: 5.082 min  
Delta R.T.: 0.000 min  
Response: 45112662  
Conc: 54.94 ng/ml

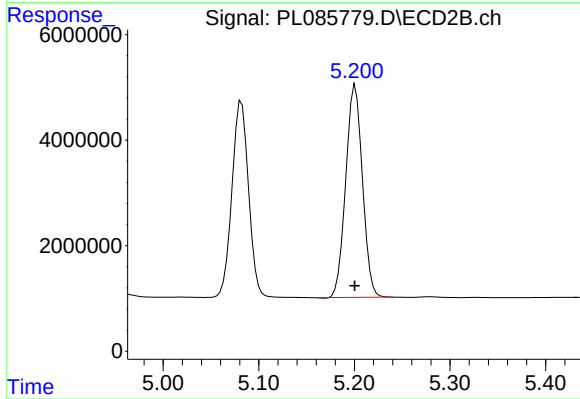




#13 Dieldrin

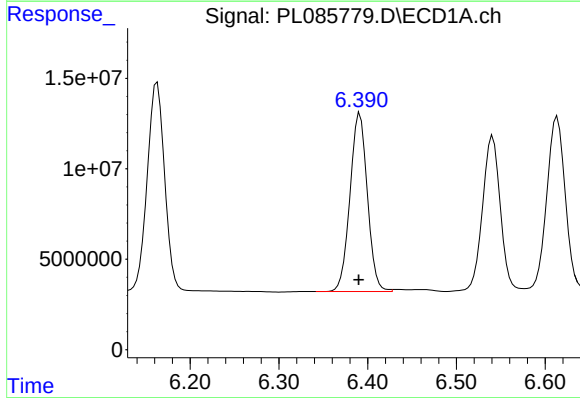
R.T.: 6.163 min  
Delta R.T.: 0.001 min  
Response: 155910460  
Conc: 47.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



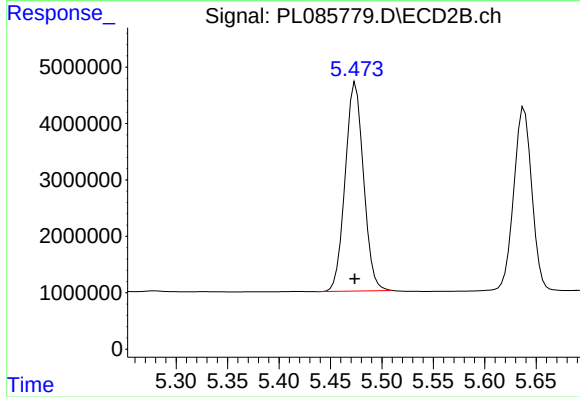
#13 Dieldrin

R.T.: 5.201 min  
Delta R.T.: 0.000 min  
Response: 49062996  
Conc: 50.57 ng/ml



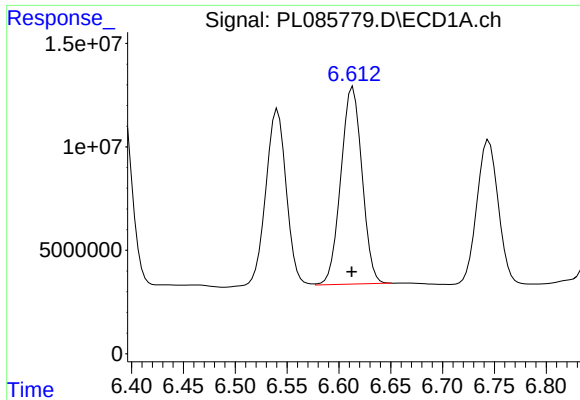
#14 Endrin

R.T.: 6.391 min  
Delta R.T.: 0.001 min  
Response: 134133407  
Conc: 47.07 ng/ml



#14 Endrin

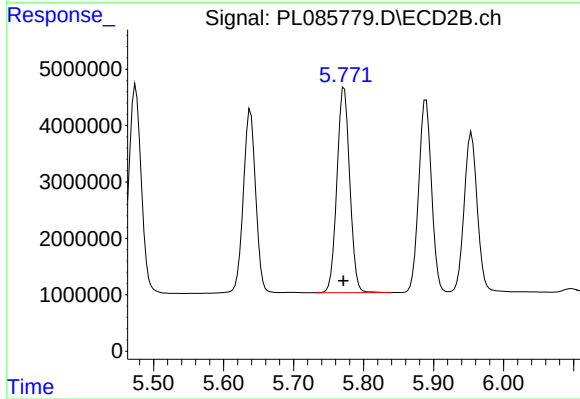
R.T.: 5.475 min  
Delta R.T.: 0.000 min  
Response: 45936034  
Conc: 51.10 ng/ml



#15 Endosulfan II

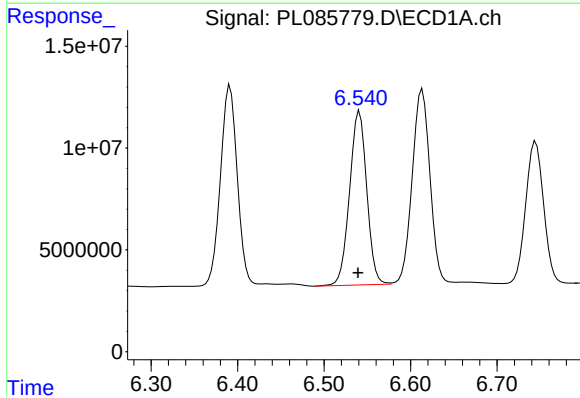
R.T.: 6.614 min  
Delta R.T.: 0.001 min  
Response: 135360658  
Conc: 49.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



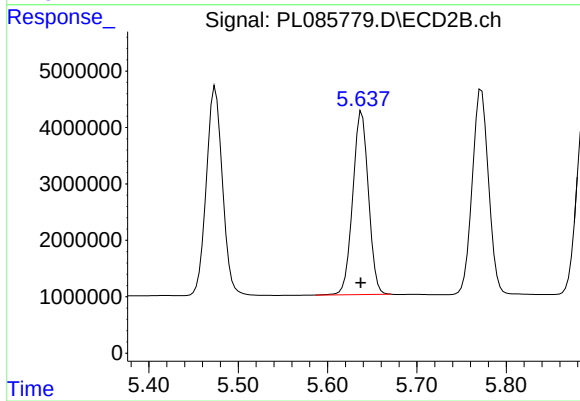
#15 Endosulfan II

R.T.: 5.772 min  
Delta R.T.: 0.001 min  
Response: 46295966  
Conc: 48.68 ng/ml



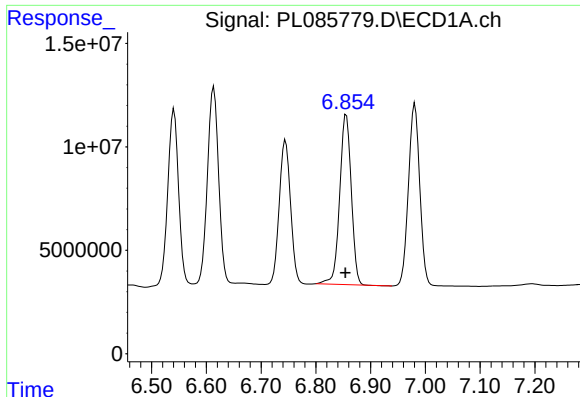
#16 4,4'-DDD

R.T.: 6.541 min  
Delta R.T.: 0.002 min  
Response: 117531171  
Conc: 58.34 ng/ml



#16 4,4'-DDD

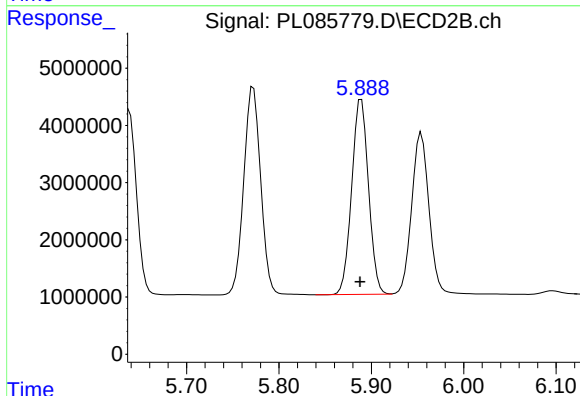
R.T.: 5.638 min  
Delta R.T.: 0.001 min  
Response: 39637626  
Conc: 56.95 ng/ml



#17 4,4'-DDT

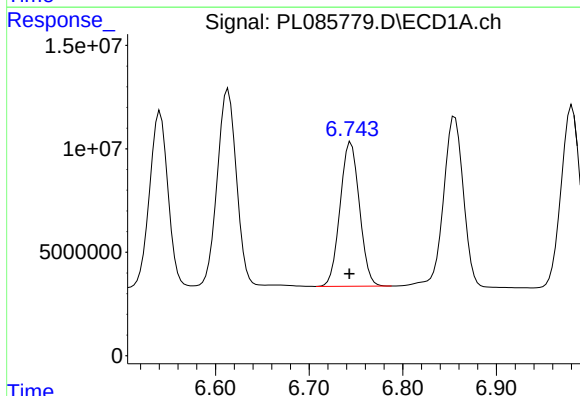
R.T.: 6.856 min  
Delta R.T.: 0.001 min  
Response: 120561463  
Conc: 51.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



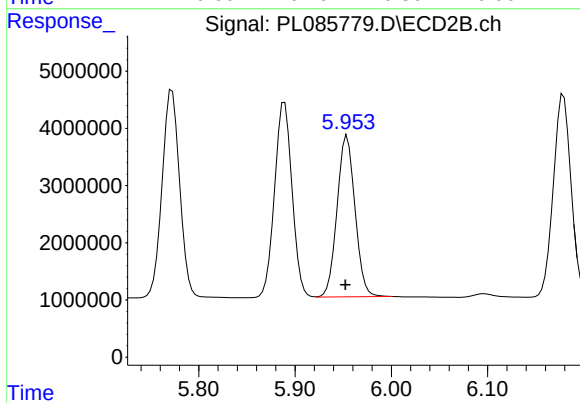
#17 4,4'-DDT

R.T.: 5.889 min  
Delta R.T.: 0.001 min  
Response: 43110139  
Conc: 54.52 ng/ml



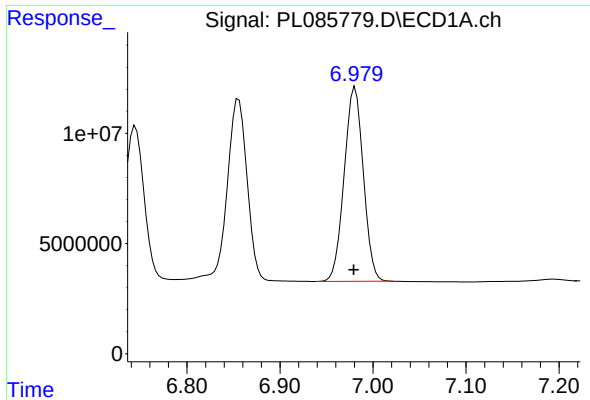
#18 Endrin aldehyde

R.T.: 6.745 min  
Delta R.T.: 0.002 min  
Response: 100221352  
Conc: 49.45 ng/ml



#18 Endrin aldehyde

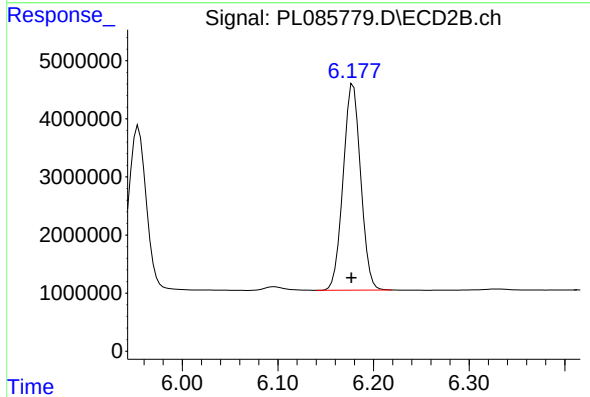
R.T.: 5.954 min  
Delta R.T.: 0.002 min  
Response: 36386772  
Conc: 48.79 ng/ml



#19 Endosulfan Sulfate

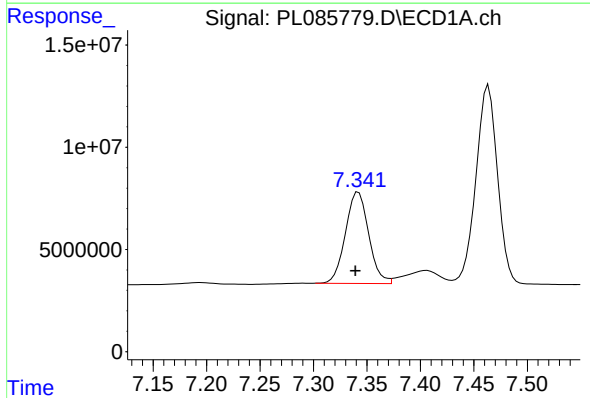
R.T.: 6.981 min  
Delta R.T.: 0.001 min  
Response: 126075067  
Conc: 50.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



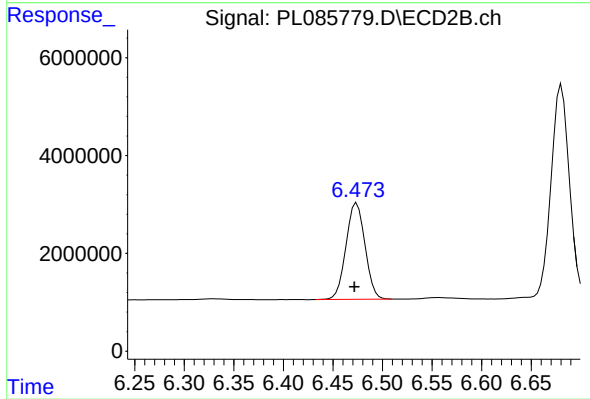
#19 Endosulfan Sulfate

R.T.: 6.179 min  
Delta R.T.: 0.002 min  
Response: 45462575  
Conc: 50.40 ng/ml



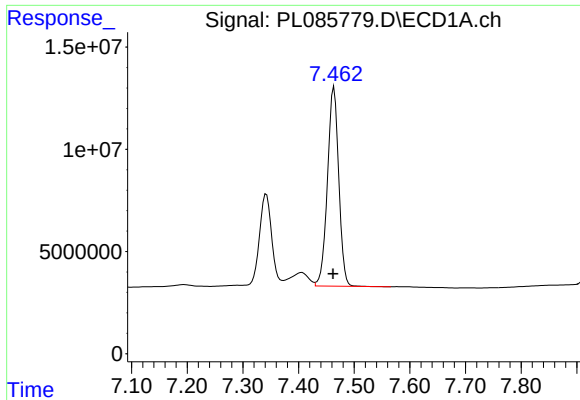
#20 Methoxychlor

R.T.: 7.342 min  
Delta R.T.: 0.003 min  
Response: 67668331  
Conc: 48.45 ng/ml



#20 Methoxychlor

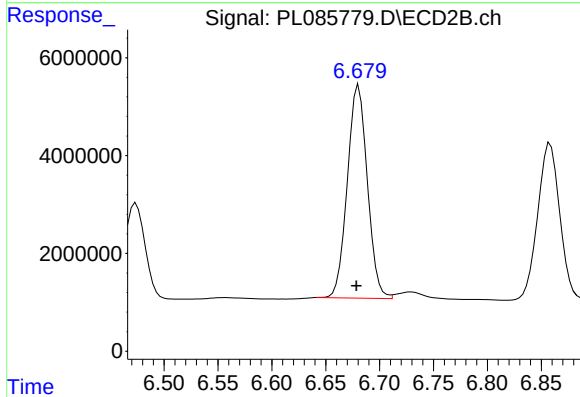
R.T.: 6.474 min  
Delta R.T.: 0.002 min  
Response: 26314995  
Conc: 50.02 ng/ml



#21 Endrin ketone

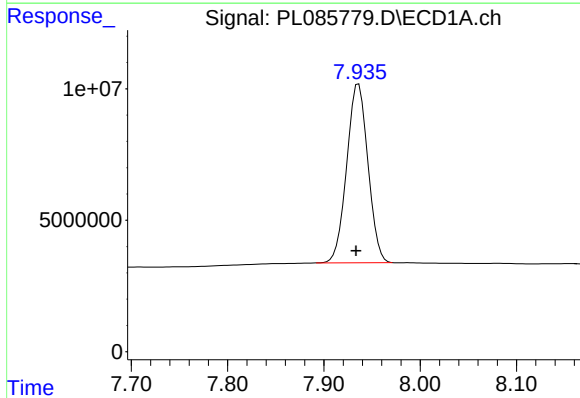
R.T.: 7.464 min  
Delta R.T.: 0.002 min  
Response: 137273831  
Conc: 47.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



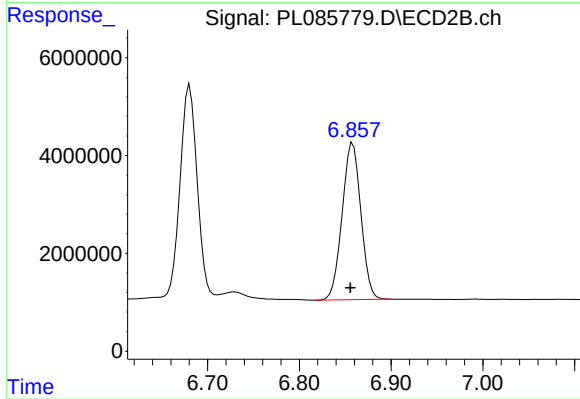
#21 Endrin ketone

R.T.: 6.681 min  
Delta R.T.: 0.002 min  
Response: 56365858  
Conc: 49.04 ng/ml



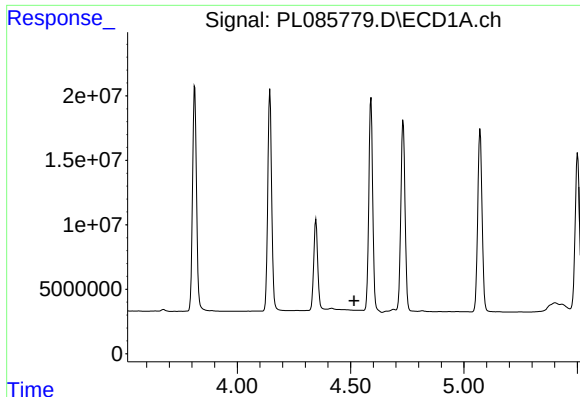
#22 Mirex

R.T.: 7.936 min  
Delta R.T.: 0.003 min  
Response: 103993879  
Conc: 46.97 ng/ml



#22 Mirex

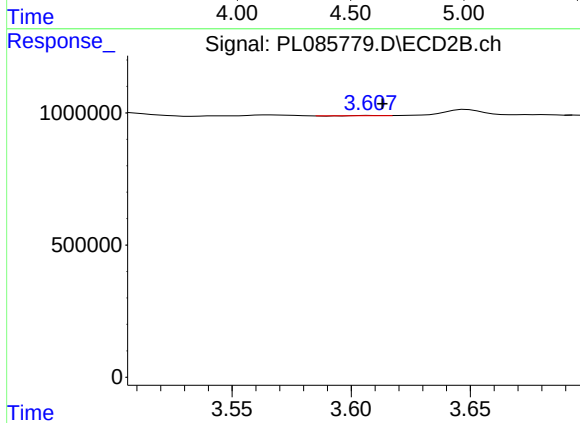
R.T.: 6.858 min  
Delta R.T.: 0.003 min  
Response: 45411485  
Conc: 48.15 ng/ml



#23 Chlordane-1

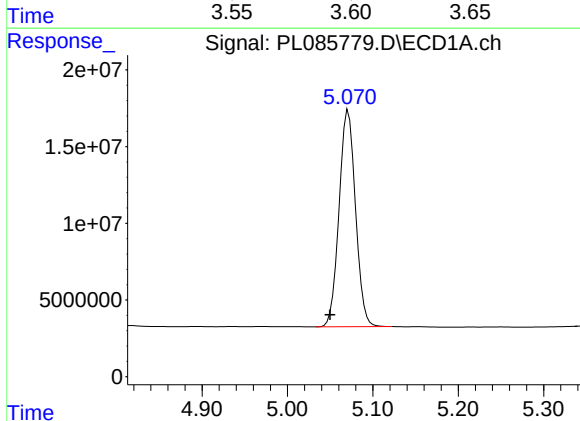
R.T.: 0.000 min  
Exp R.T.: 4.516 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



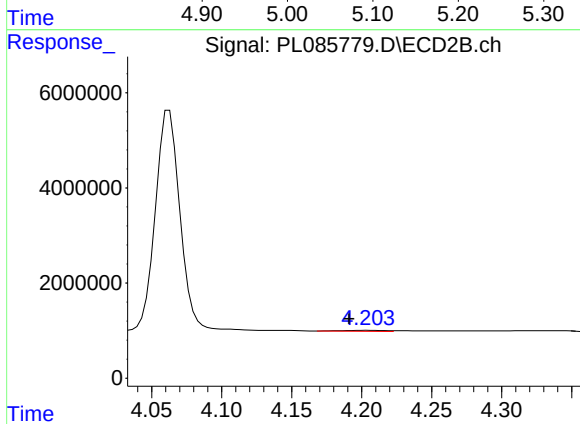
#23 Chlordane-1

R.T.: 3.608 min  
Delta R.T.: -0.005 min  
Response: 7735  
Conc: 0.24 ng/ml



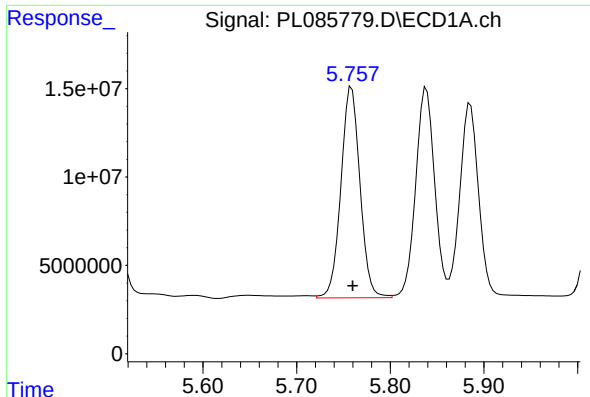
#24 Chlordane-2

R.T.: 5.071 min  
Delta R.T.: 0.021 min  
Response: 189029235  
Conc: 1453.58 ng/ml



#24 Chlordane-2

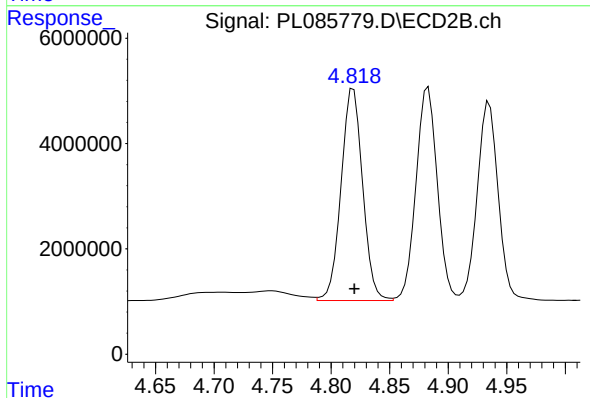
R.T.: 4.204 min  
Delta R.T.: 0.013 min  
Response: 415657  
Conc: 10.68 ng/ml



#25 Chlordane-3

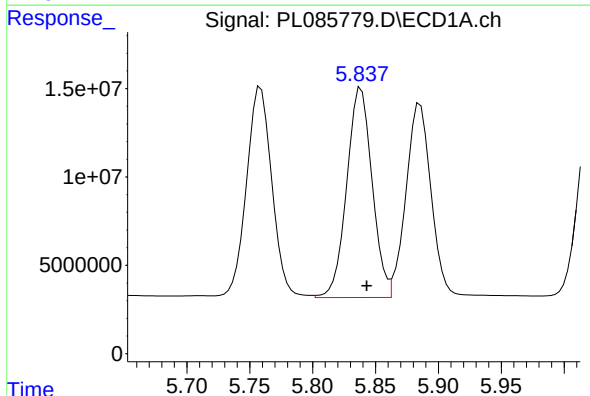
R.T.: 5.759 min  
Delta R.T.: -0.001 min  
Response: 169227920  
Conc: 331.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



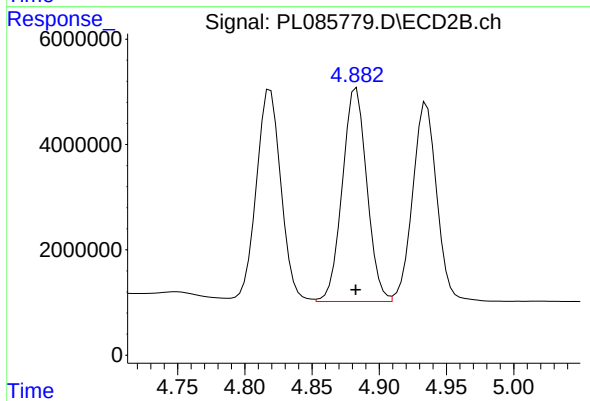
#25 Chlordane-3

R.T.: 4.819 min  
Delta R.T.: 0.000 min  
Response: 51621483  
Conc: 510.86 ng/ml



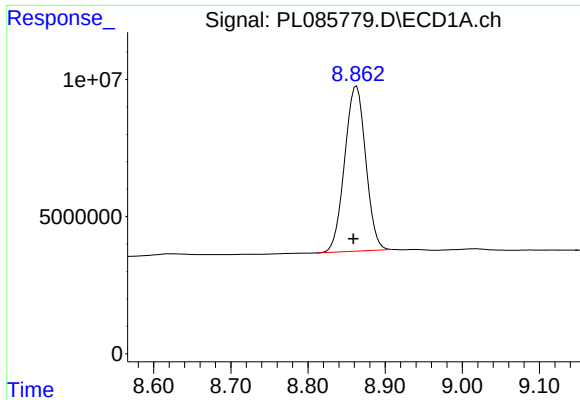
#26 Chlordane-4

R.T.: 5.839 min  
Delta R.T.: -0.004 min  
Response: 166657997  
Conc: 262.68 ng/ml



#26 Chlordane-4

R.T.: 4.883 min  
Delta R.T.: 0.000 min  
Response: 51352791  
Conc: 443.52 ng/ml



#28 Decachlorobiphenyl

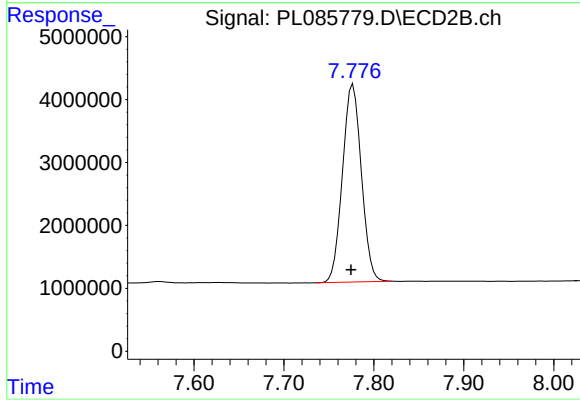
R.T.: 8.863 min

Delta R.T.: 0.004 min

Response: 114054839

Conc: 52.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.777 min

Delta R.T.: 0.002 min

Response: 45897993

Conc: 49.73 ng/ml