

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090222\  
 Data File : PL077479.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Sep 2022 18:07  
 Operator : AR\AJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 02 18:28:14 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090222.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 02 18:25:23 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... | 3.416  | 2.629 | 68909833 | 137.0E6  | 50.062   | 51.508    |
| 28)                         | SA Decachlor... | 8.902  | 7.727 | 56358472 | 119.6E6  | 49.241   | 50.673    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.880  | 3.122 | 103.1E6  | 210.3E6  | 51.363   | 52.280    |
| 3)                          | MA gamma-BHC... | 4.216  | 3.446 | 95699888 | 188.2E6  | 50.620   | 53.692    |
| 4)                          | MA Heptachlor   | 4.792  | 3.778 | 93877212 | 183.5E6  | 50.971   | 52.706    |
| 5)                          | MB Aldrin       | 5.132  | 4.052 | 84702042 | 172.6E6  | 49.821   | 52.371    |
| 6)                          | B beta-BHC      | 4.428  | 3.745 | 40728121 | 78341124 | 49.378   | 52.013    |
| 7)                          | B delta-BHC     | 4.672  | 3.968 | 86623550 | 191.0E6  | 52.886   | 52.316    |
| 8)                          | B Heptachlo...  | 5.564  | 4.551 | 72236373 | 156.5E6  | 53.957   | 52.377    |
| 9)                          | A Endosulfan I  | 5.951  | 4.917 | 68887303 | 145.0E6  | 50.383   | 53.733    |
| 10)                         | B gamma-Chl...  | 5.820  | 4.800 | 74553085 | 157.9E6  | 50.062   | 51.886    |
| 11)                         | B alpha-Chl...  | 5.897  | 4.863 | 73663215 | 153.2E6  | 50.194   | 53.126    |
| 12)                         | B 4,4'-DDE      | 6.076  | 5.057 | 68713335 | 150.6E6  | 50.167   | 50.931    |
| 13)                         | MA Dieldrin     | 6.228  | 5.180 | 69652644 | 152.1E6  | 49.564   | 52.945    |
| 14)                         | MA Endrin       | 6.459  | 5.452 | 59891283 | 120.3E6  | 48.408   | 52.990    |
| 15)                         | B Endosulfa...  | 6.688  | 5.748 | 56103002 | 122.2E6  | 49.932   | 53.196    |
| 16)                         | A 4,4'-DDD      | 6.601  | 5.609 | 52363516 | 120.3E6  | 50.863   | 52.664    |
| 17)                         | MA 4,4'-DDT     | 6.911  | 5.858 | 57215663 | 116.6E6  | 48.687   | 50.279    |
| 18)                         | B Endrin al...  | 6.818  | 5.927 | 46284158 | 96007538 | 49.393   | 51.450    |
| 19)                         | B Endosulfa...  | 7.051  | 6.150 | 57190045 | 123.2E6  | 48.399   | 51.161    |
| 20)                         | A Methoxychlor  | 7.392  | 6.435 | 30481083 | 65175748 | 50.266   | 51.002    |
| 21)                         | B Endrin ke...  | 7.539  | 6.649 | 61246637 | 135.2E6  | 49.431   | 52.445    |
| 22)                         | Mirex           | 7.999  | 6.825 | 46830121 | 101.3E6  | 48.653   | 50.082    |
| 24)                         | Chlordane-2     | 5.132f | 0.000 | 84702042 | 0        | 1415.877 | N.D. #    |
| 25)                         | Chlordane-3     | 5.820  | 4.800 | 74553085 | 157.9E6  | 365.288  | 520.825 # |
| 26)                         | Chlordane-4     | 5.897  | 4.863 | 73663215 | 153.2E6  | 297.742  | 500.576 # |
| -----                       |                 |        |       |          |          |          |           |

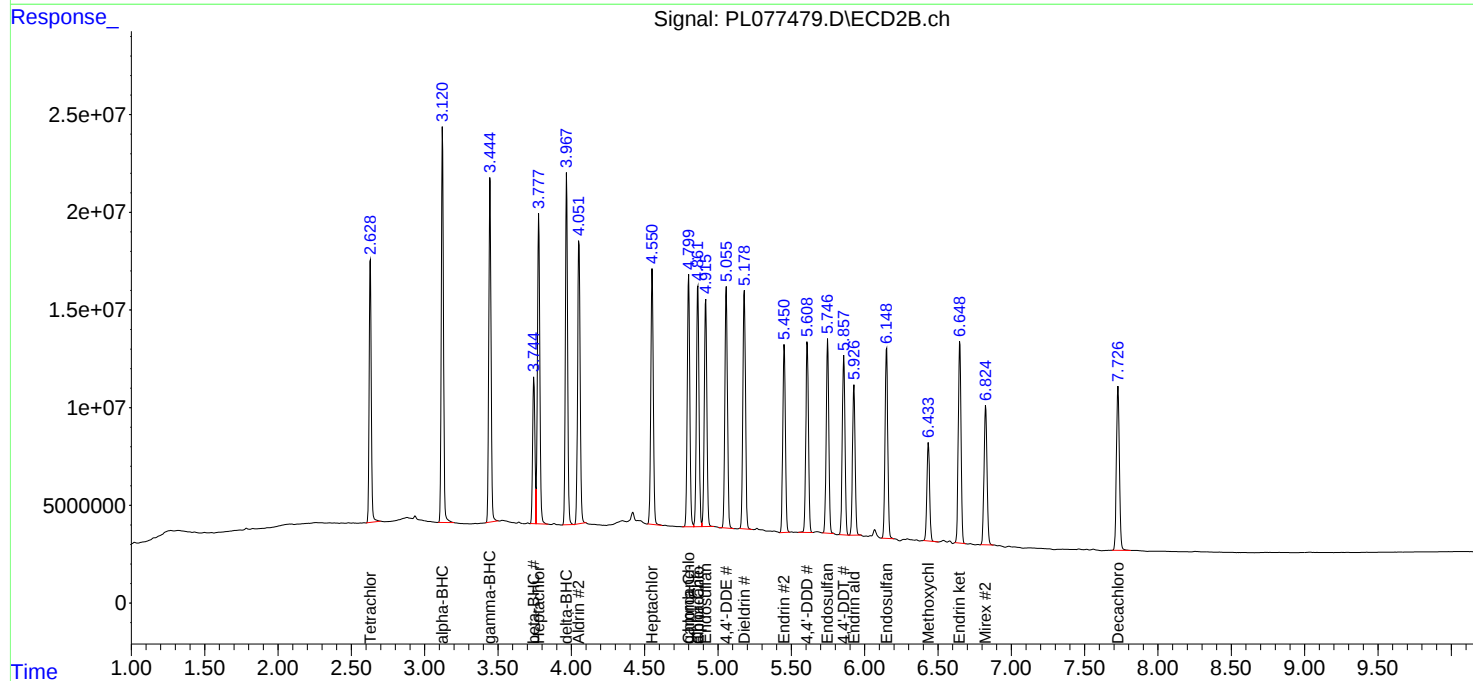
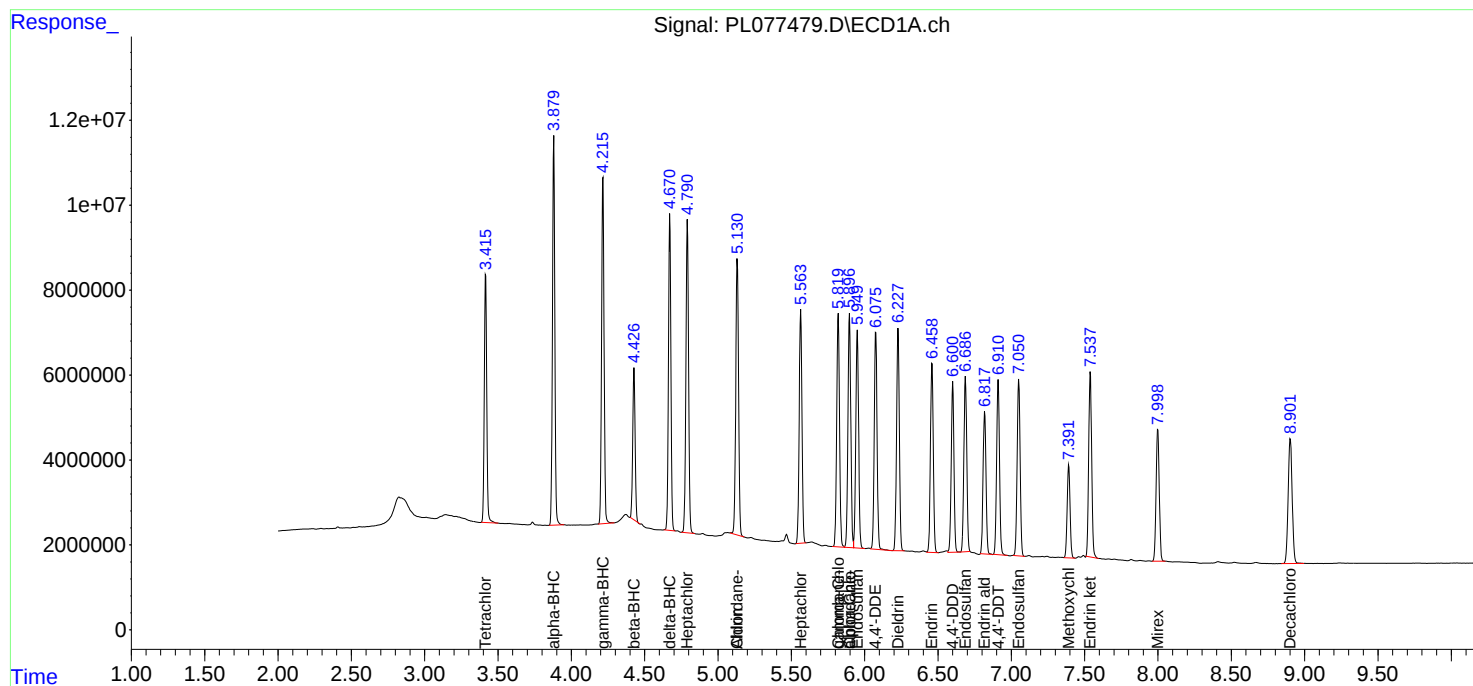
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

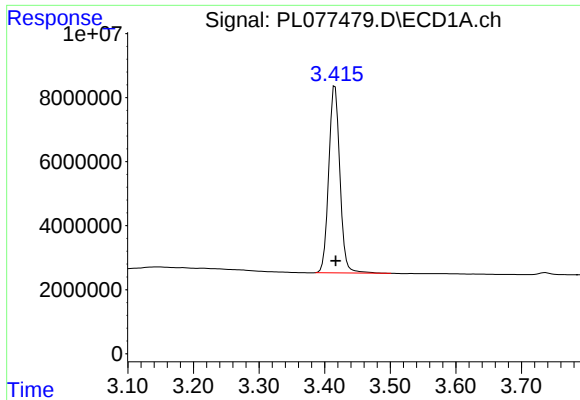
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090222\  
Data File : PL077479.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Sep 2022 18:07  
Operator : AR\AJ  
Sample : PSTDICV050  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 02 18:28:14 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090222.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 02 18:25:23 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

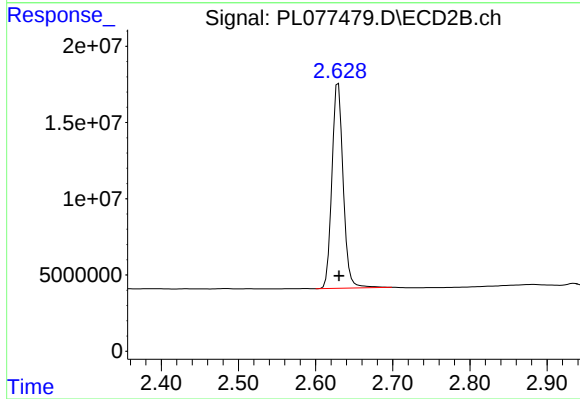




#1 Tetrachloro-m-xylene

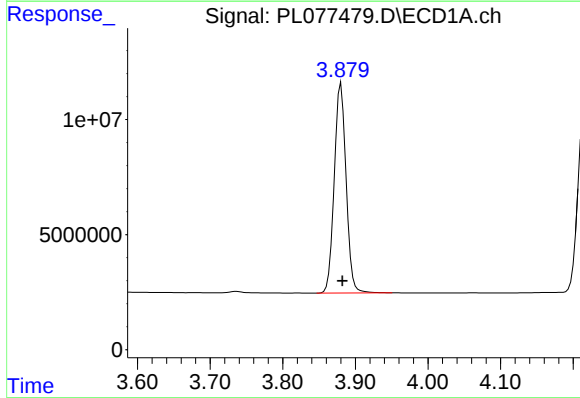
R.T.: 3.416 min  
Delta R.T.: -0.001 min  
Response: 68909833  
Conc: 50.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



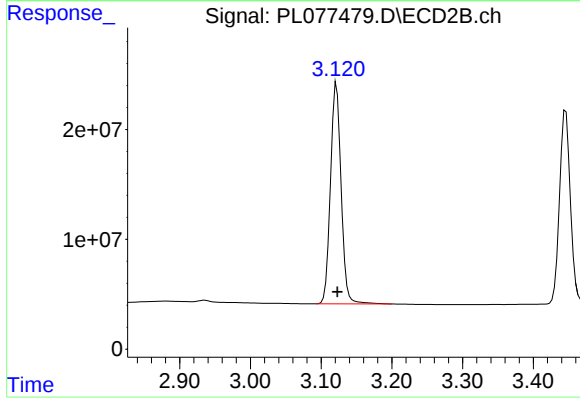
#1 Tetrachloro-m-xylene

R.T.: 2.629 min  
Delta R.T.: 0.000 min  
Response: 137032613  
Conc: 51.51 ng/ml



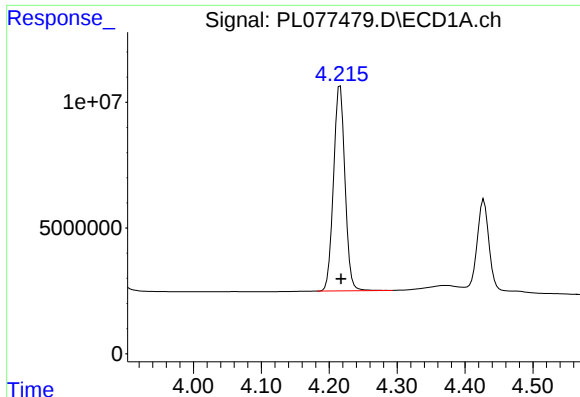
#2 alpha-BHC

R.T.: 3.880 min  
Delta R.T.: -0.002 min  
Response: 103137467  
Conc: 51.36 ng/ml



#2 alpha-BHC

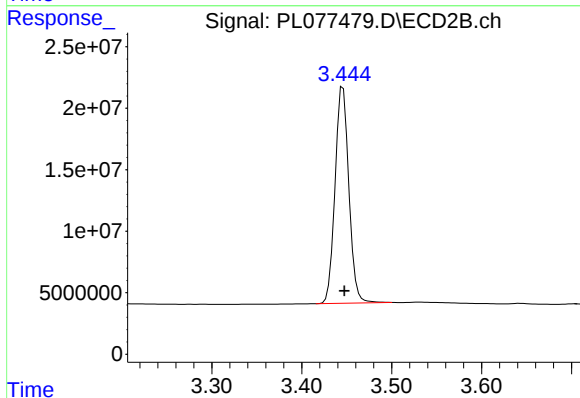
R.T.: 3.122 min  
Delta R.T.: -0.001 min  
Response: 210285958  
Conc: 52.28 ng/ml



#3 gamma-BHC (Lindane)

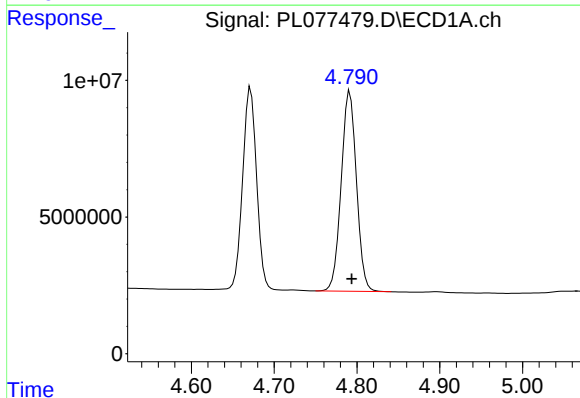
R.T.: 4.216 min  
Delta R.T.: -0.001 min  
Response: 95699888  
Conc: 50.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



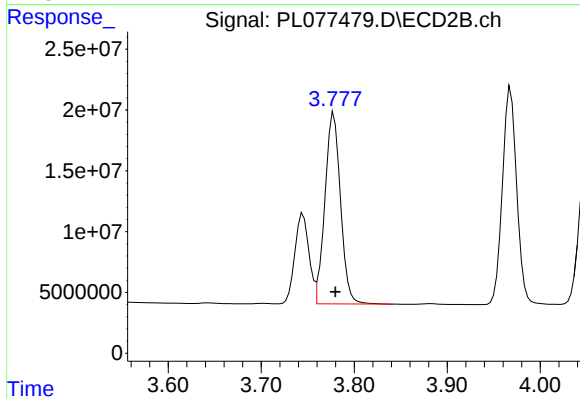
#3 gamma-BHC (Lindane)

R.T.: 3.446 min  
Delta R.T.: -0.002 min  
Response: 188212995  
Conc: 53.69 ng/ml



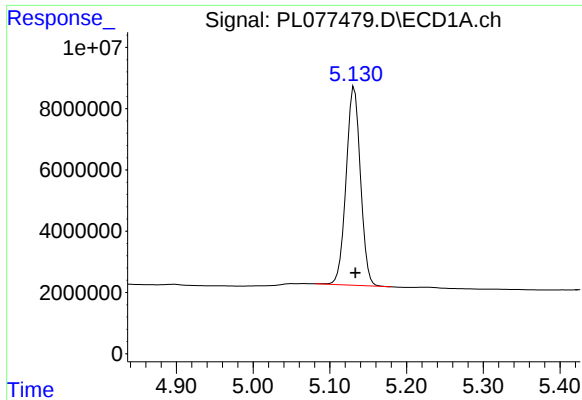
#4 Heptachlor

R.T.: 4.792 min  
Delta R.T.: -0.002 min  
Response: 93877212  
Conc: 50.97 ng/ml



#4 Heptachlor

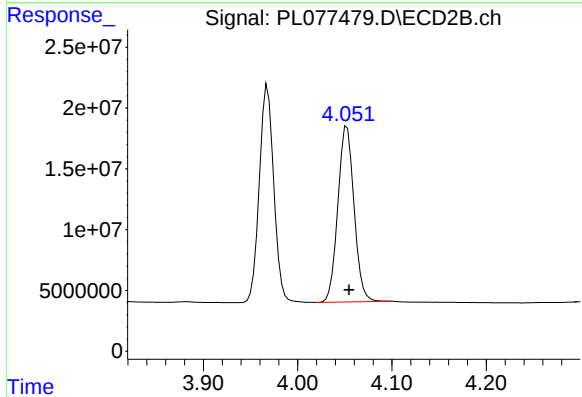
R.T.: 3.778 min  
Delta R.T.: -0.002 min  
Response: 183478085  
Conc: 52.71 ng/ml



#5 Aldrin

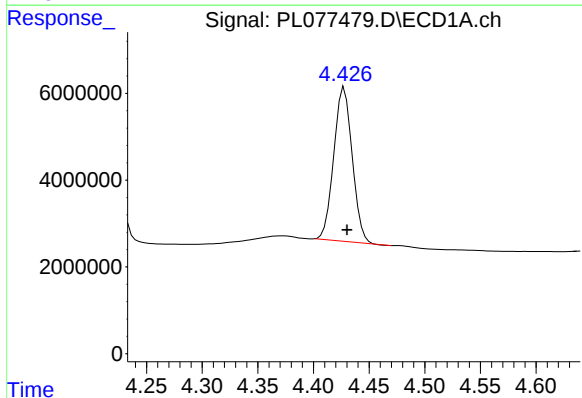
R.T.: 5.132 min  
Delta R.T.: -0.002 min  
Response: 84702042  
Conc: 49.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



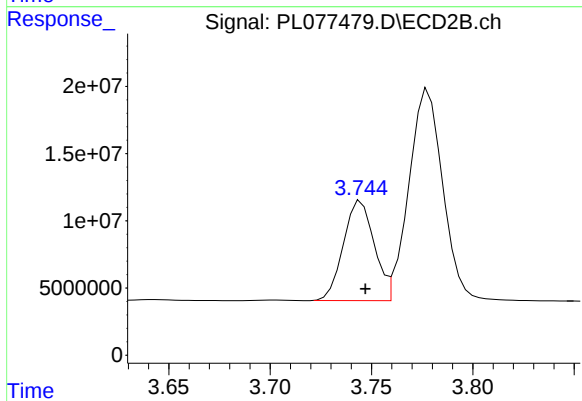
#5 Aldrin

R.T.: 4.052 min  
Delta R.T.: -0.002 min  
Response: 172564373  
Conc: 52.37 ng/ml



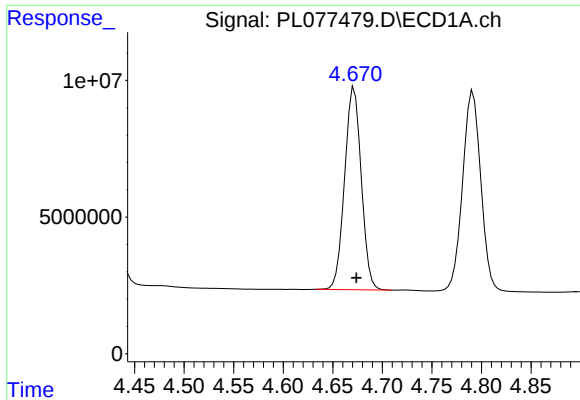
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: -0.002 min  
Response: 40728121  
Conc: 49.38 ng/ml



#6 beta-BHC

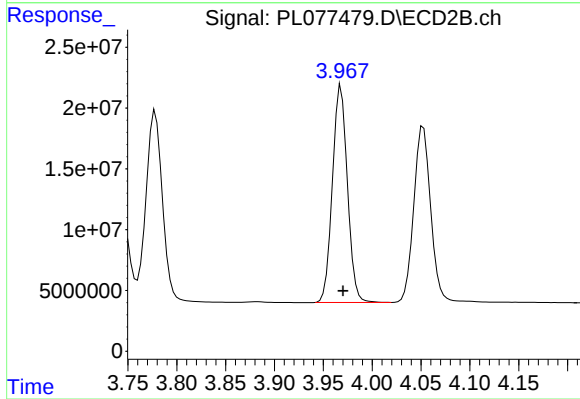
R.T.: 3.745 min  
Delta R.T.: -0.002 min  
Response: 78341124  
Conc: 52.01 ng/ml



#7 delta-BHC

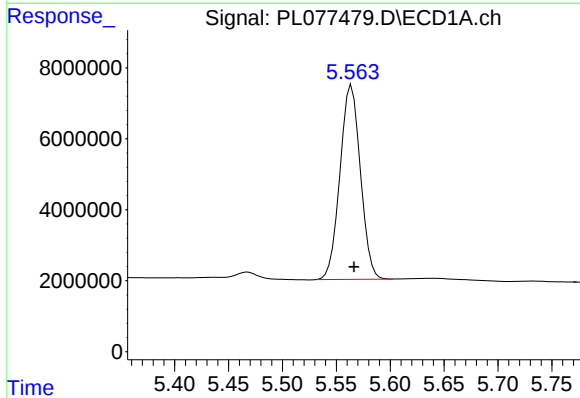
R.T.: 4.672 min  
Delta R.T.: -0.002 min  
Response: 86623550  
Conc: 52.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



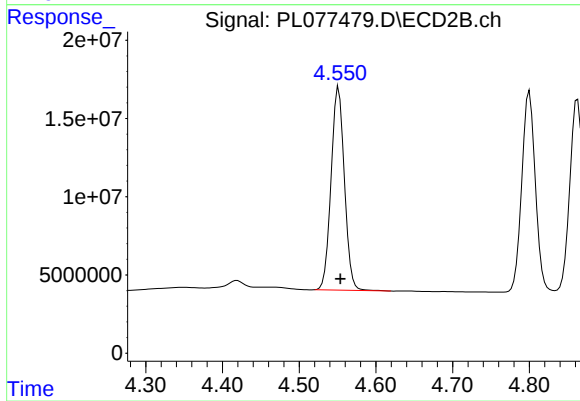
#7 delta-BHC

R.T.: 3.968 min  
Delta R.T.: -0.002 min  
Response: 190955127  
Conc: 52.32 ng/ml



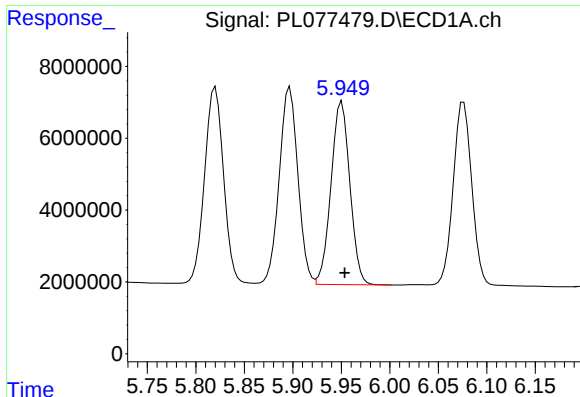
#8 Heptachlor epoxide

R.T.: 5.564 min  
Delta R.T.: -0.002 min  
Response: 72236373  
Conc: 53.96 ng/ml



#8 Heptachlor epoxide

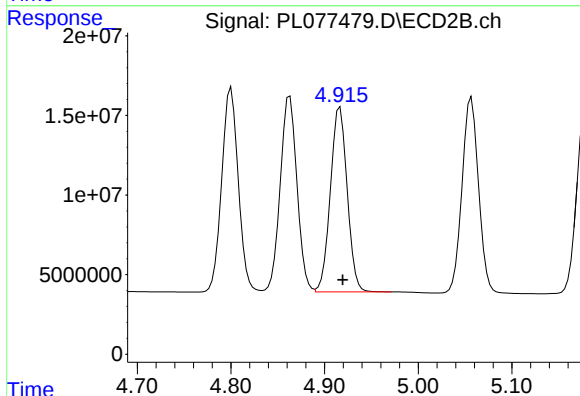
R.T.: 4.551 min  
Delta R.T.: -0.002 min  
Response: 156462115  
Conc: 52.38 ng/ml



#9 Endosulfan I

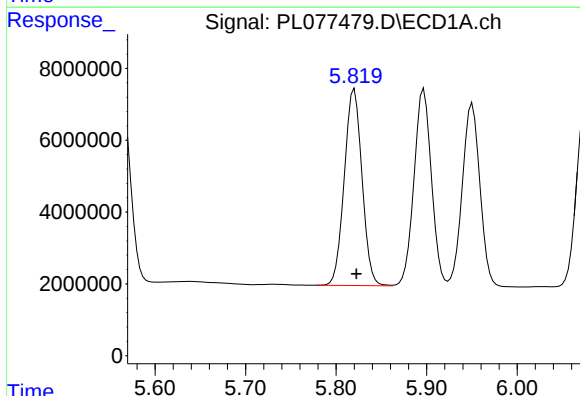
R.T.: 5.951 min  
Delta R.T.: -0.003 min  
Response: 68887303  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



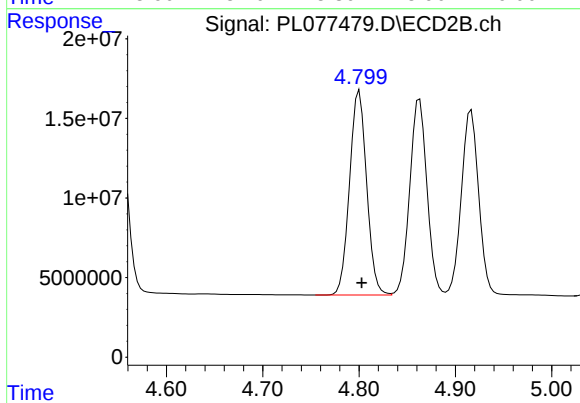
#9 Endosulfan I

R.T.: 4.917 min  
Delta R.T.: -0.003 min  
Response: 144999813  
Conc: 53.73 ng/ml



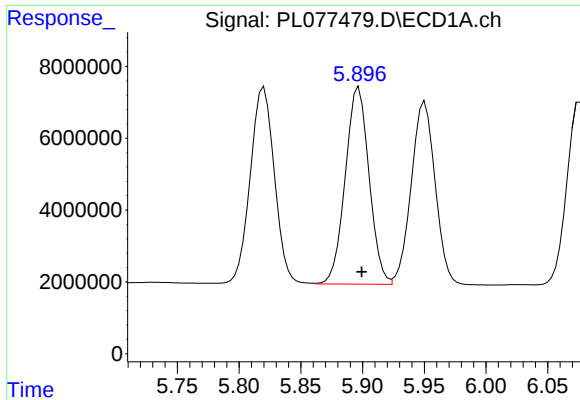
#10 gamma-Chlordane

R.T.: 5.820 min  
Delta R.T.: -0.002 min  
Response: 74553085  
Conc: 50.06 ng/ml



#10 gamma-Chlordane

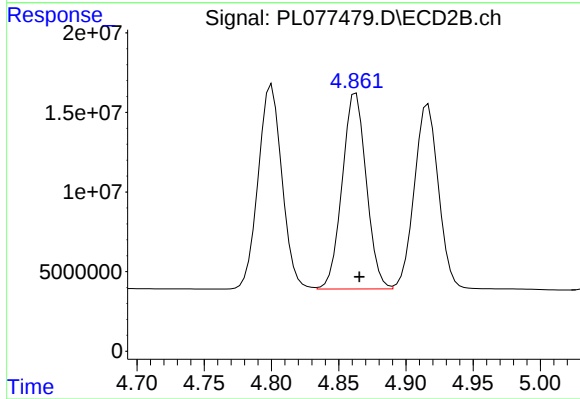
R.T.: 4.800 min  
Delta R.T.: -0.003 min  
Response: 157883989  
Conc: 51.89 ng/ml



#11 alpha-Chlordane

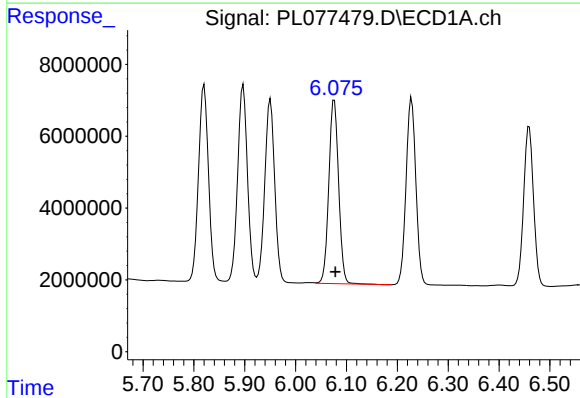
R.T.: 5.897 min  
Delta R.T.: -0.002 min  
Response: 73663215  
Conc: 50.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



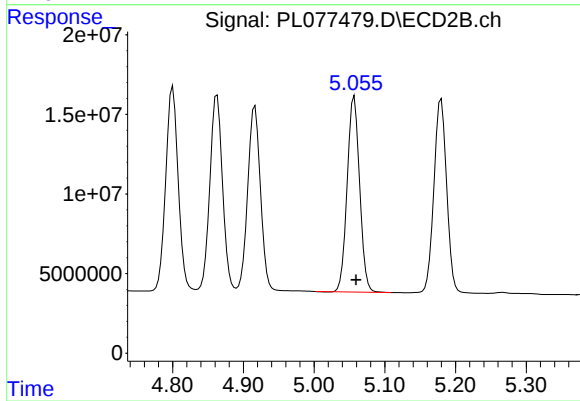
#11 alpha-Chlordane

R.T.: 4.863 min  
Delta R.T.: -0.003 min  
Response: 153226254  
Conc: 53.13 ng/ml



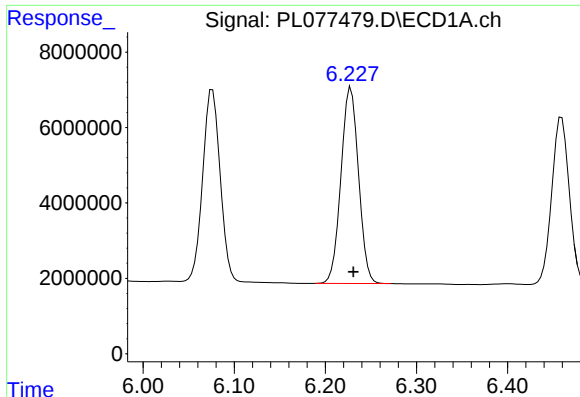
#12 4,4'-DDE

R.T.: 6.076 min  
Delta R.T.: -0.002 min  
Response: 68713335  
Conc: 50.17 ng/ml



#12 4,4'-DDE

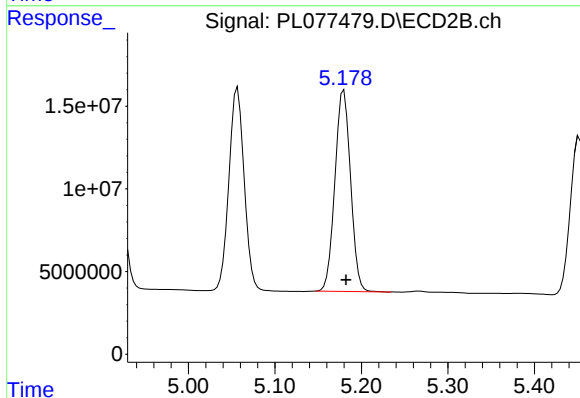
R.T.: 5.057 min  
Delta R.T.: -0.003 min  
Response: 150562495  
Conc: 50.93 ng/ml



#13 Dieldrin

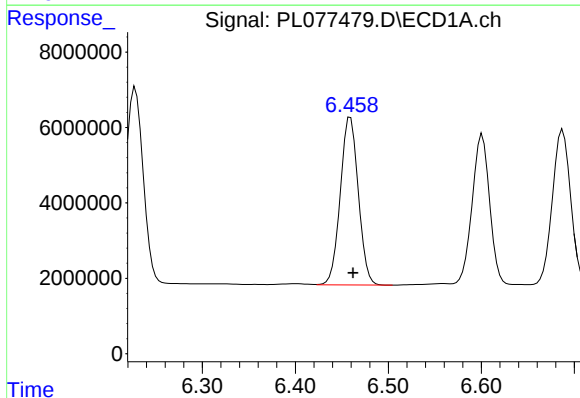
R.T.: 6.228 min  
Delta R.T.: -0.003 min  
Response: 69652644  
Conc: 49.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



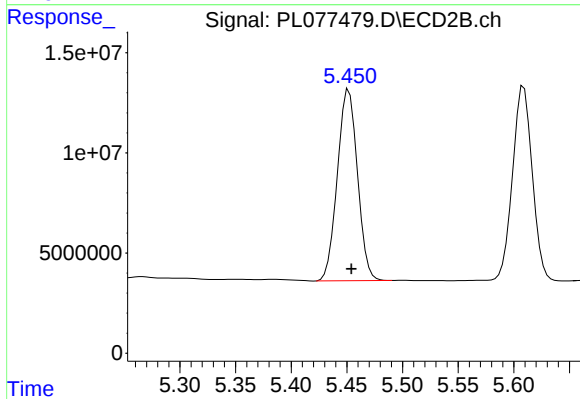
#13 Dieldrin

R.T.: 5.180 min  
Delta R.T.: -0.003 min  
Response: 152121341  
Conc: 52.94 ng/ml



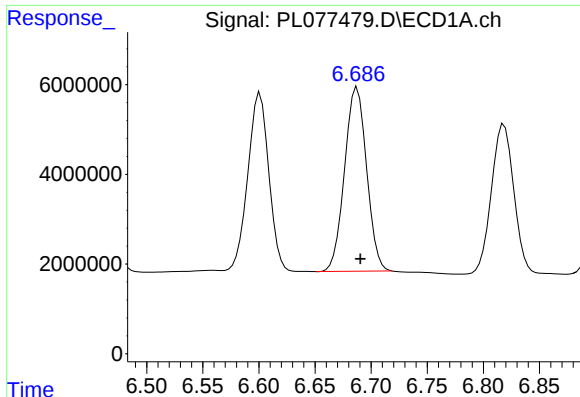
#14 Endrin

R.T.: 6.459 min  
Delta R.T.: -0.003 min  
Response: 59891283  
Conc: 48.41 ng/ml



#14 Endrin

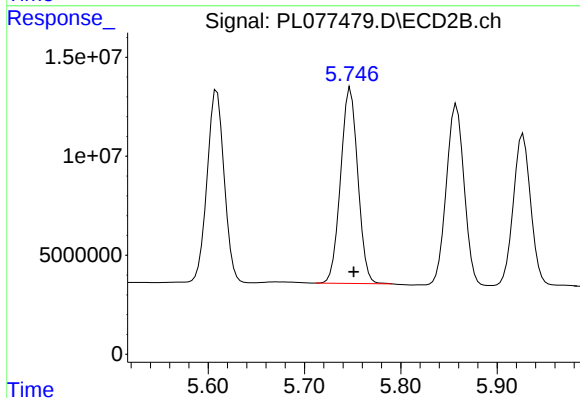
R.T.: 5.452 min  
Delta R.T.: -0.002 min  
Response: 120345321  
Conc: 52.99 ng/ml



#15 Endosulfan II

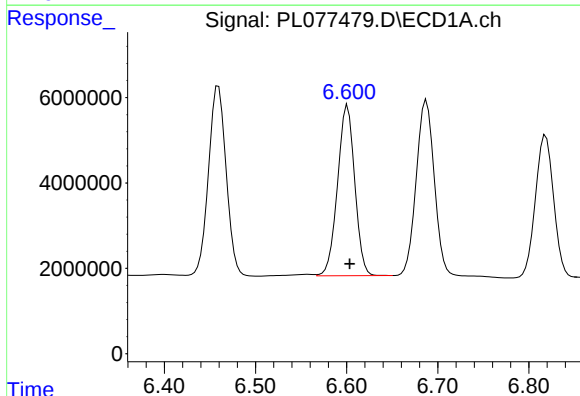
R.T.: 6.688 min  
Delta R.T.: -0.003 min  
Response: 56103002  
Conc: 49.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



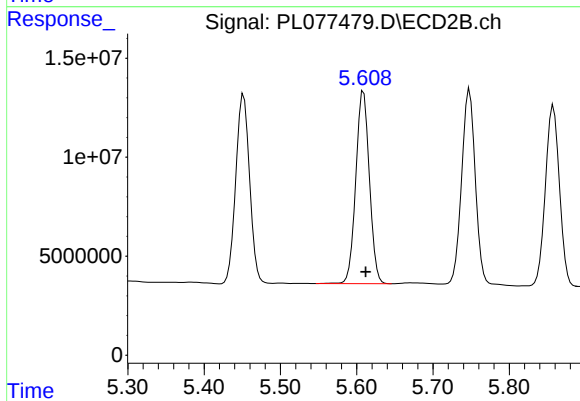
#15 Endosulfan II

R.T.: 5.748 min  
Delta R.T.: -0.003 min  
Response: 122214357  
Conc: 53.20 ng/ml



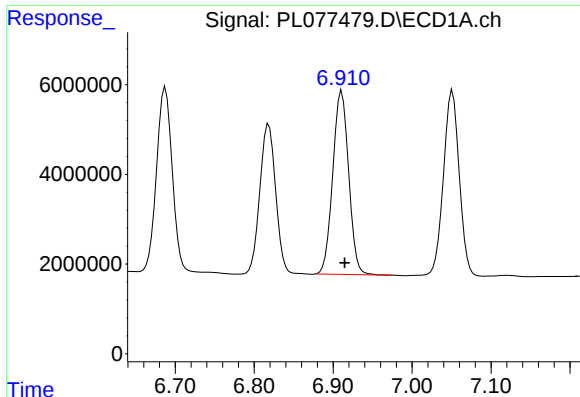
#16 4,4'-DDD

R.T.: 6.601 min  
Delta R.T.: -0.002 min  
Response: 52363516  
Conc: 50.86 ng/ml



#16 4,4'-DDD

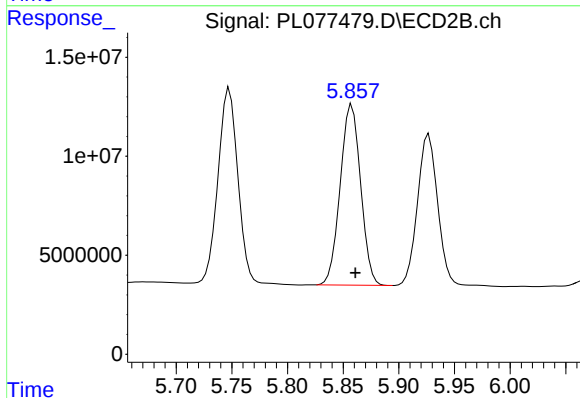
R.T.: 5.609 min  
Delta R.T.: -0.003 min  
Response: 120310829  
Conc: 52.66 ng/ml



#17 4,4'-DDT

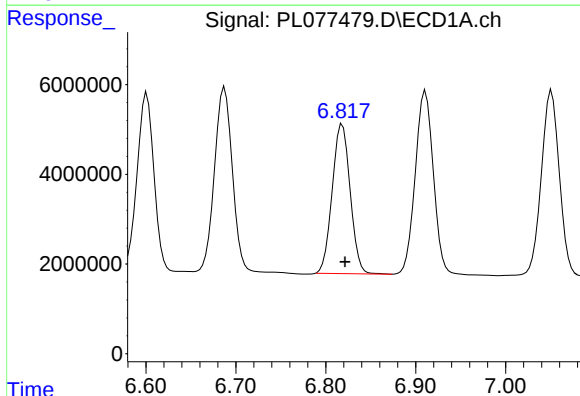
R.T.: 6.911 min  
Delta R.T.: -0.004 min  
Response: 57215663  
Conc: 48.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



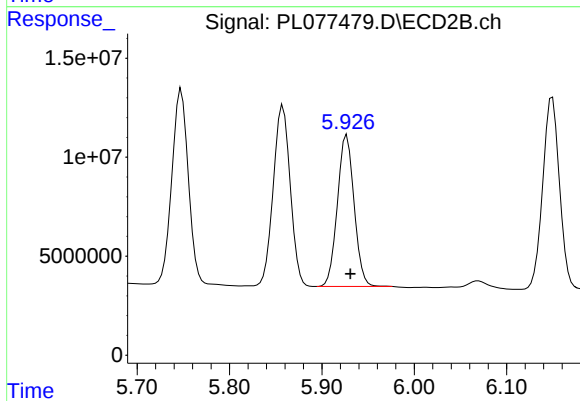
#17 4,4'-DDT

R.T.: 5.858 min  
Delta R.T.: -0.003 min  
Response: 116585635  
Conc: 50.28 ng/ml



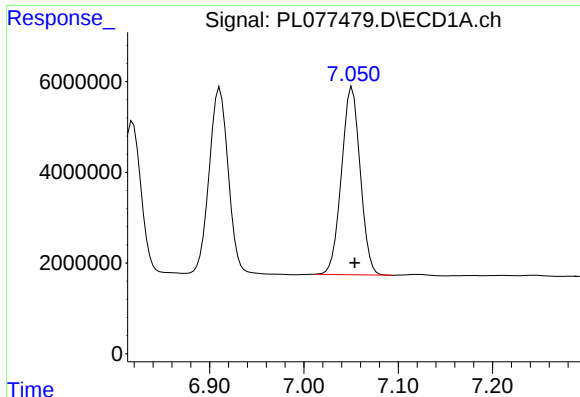
#18 Endrin aldehyde

R.T.: 6.818 min  
Delta R.T.: -0.003 min  
Response: 46284158  
Conc: 49.39 ng/ml



#18 Endrin aldehyde

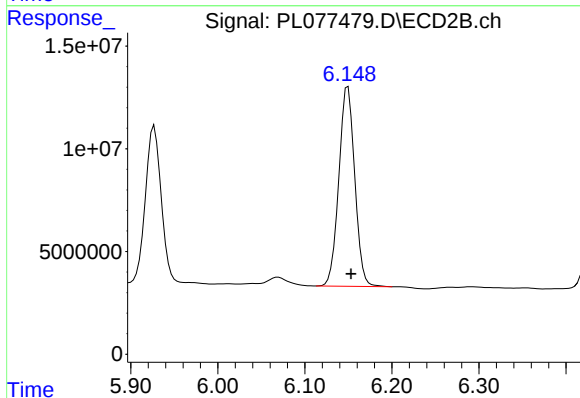
R.T.: 5.927 min  
Delta R.T.: -0.004 min  
Response: 96007538  
Conc: 51.45 ng/ml



#19 Endosulfan Sulfate

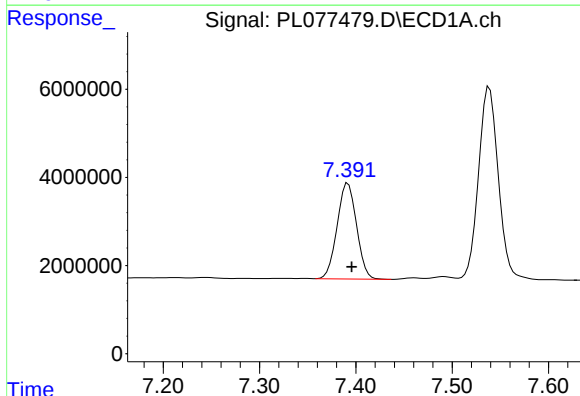
R.T.: 7.051 min  
Delta R.T.: -0.003 min  
Response: 57190045  
Conc: 48.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



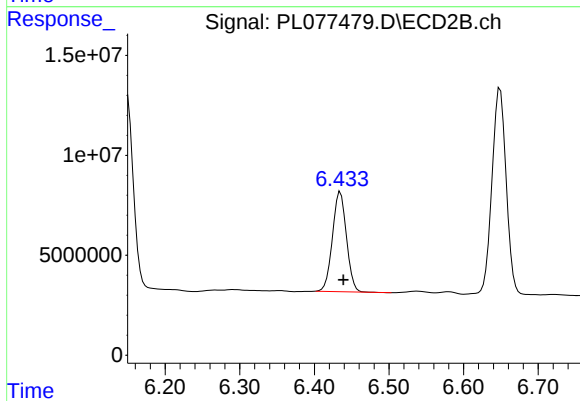
#19 Endosulfan Sulfate

R.T.: 6.150 min  
Delta R.T.: -0.004 min  
Response: 123240007  
Conc: 51.16 ng/ml



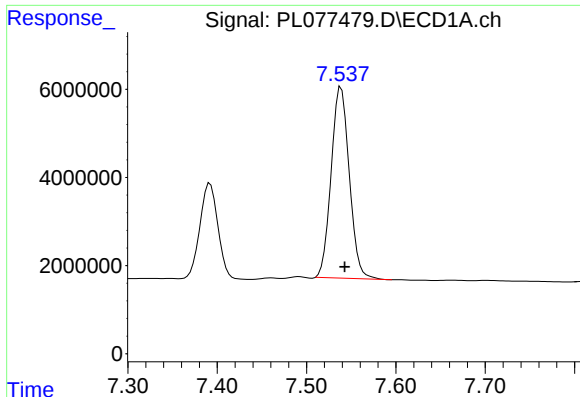
#20 Methoxychlor

R.T.: 7.392 min  
Delta R.T.: -0.004 min  
Response: 30481083  
Conc: 50.27 ng/ml



#20 Methoxychlor

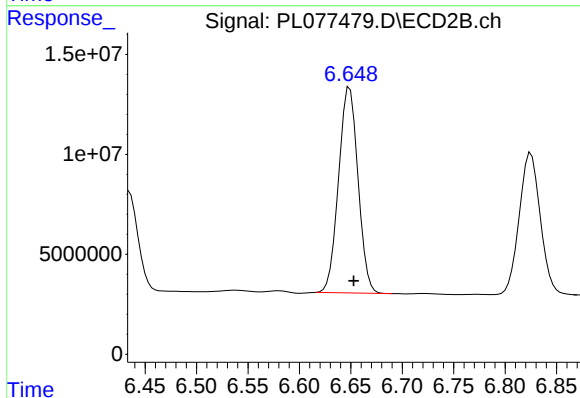
R.T.: 6.435 min  
Delta R.T.: -0.004 min  
Response: 65175748  
Conc: 51.00 ng/ml



#21 Endrin ketone

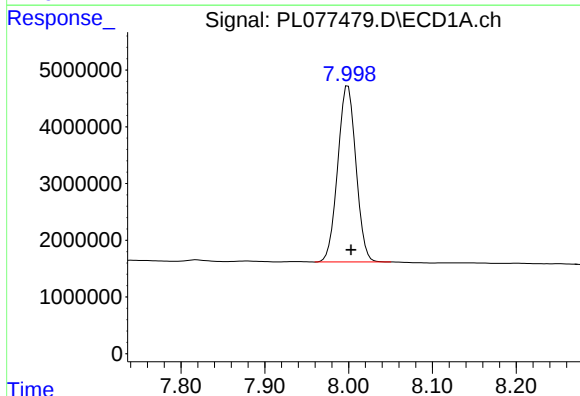
R.T.: 7.539 min  
Delta R.T.: -0.004 min  
Response: 61246637  
Conc: 49.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



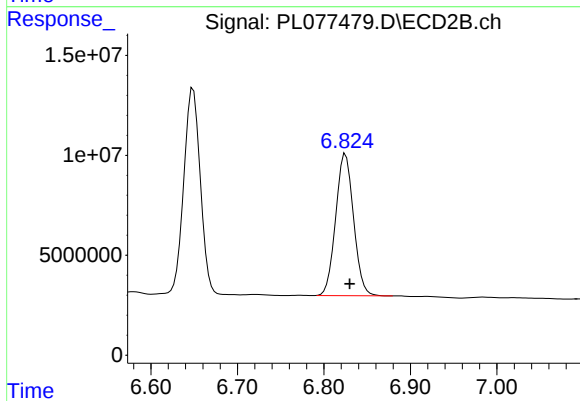
#21 Endrin ketone

R.T.: 6.649 min  
Delta R.T.: -0.004 min  
Response: 135194581  
Conc: 52.44 ng/ml



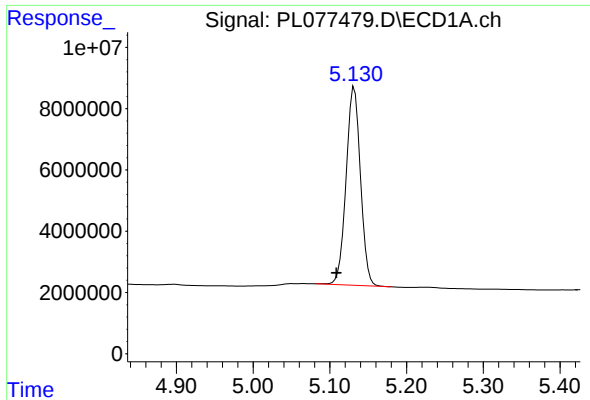
#22 Mirex

R.T.: 7.999 min  
Delta R.T.: -0.004 min  
Response: 46830121  
Conc: 48.65 ng/ml



#22 Mirex

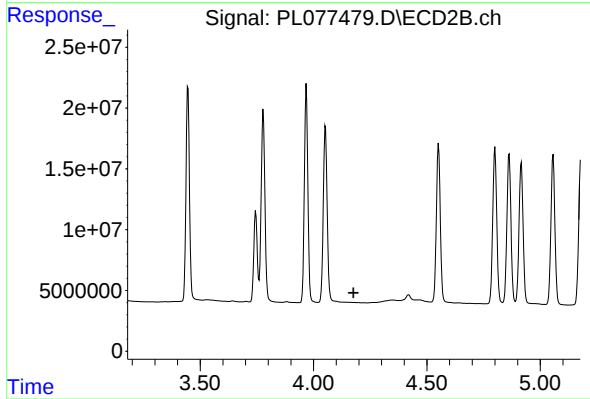
R.T.: 6.825 min  
Delta R.T.: -0.005 min  
Response: 101280306  
Conc: 50.08 ng/ml



#24 Chlordane-2

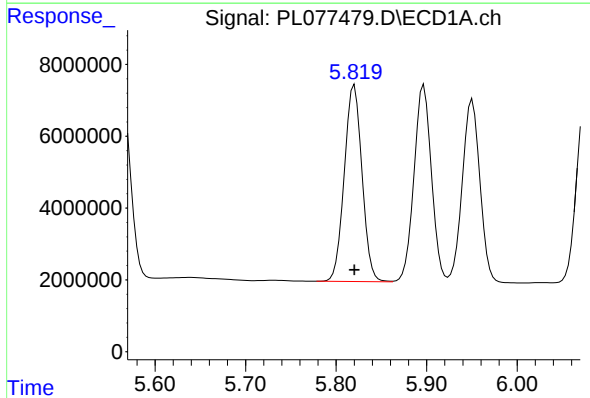
R.T.: 5.132 min  
Delta R.T.: 0.023 min  
Response: 84702042  
Conc: 1415.88 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



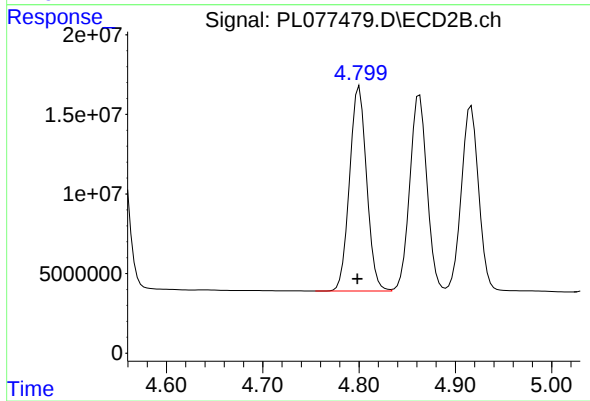
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.177 min  
Response: 0  
Conc: N.D.



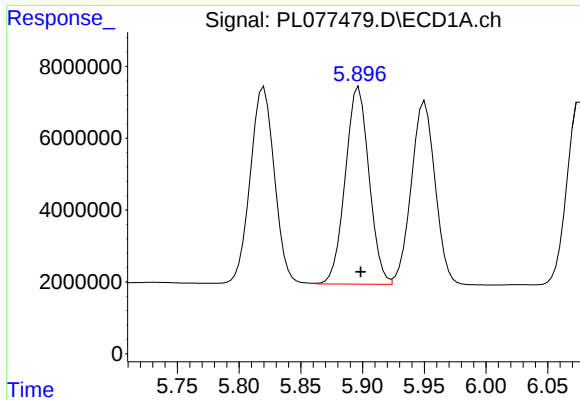
#25 Chlordane-3

R.T.: 5.820 min  
Delta R.T.: 0.000 min  
Response: 74553085  
Conc: 365.29 ng/ml



#25 Chlordane-3

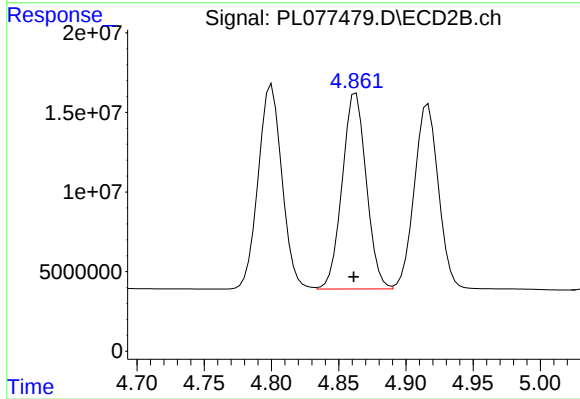
R.T.: 4.800 min  
Delta R.T.: 0.002 min  
Response: 157883989  
Conc: 520.82 ng/ml



#26 Chlordane-4

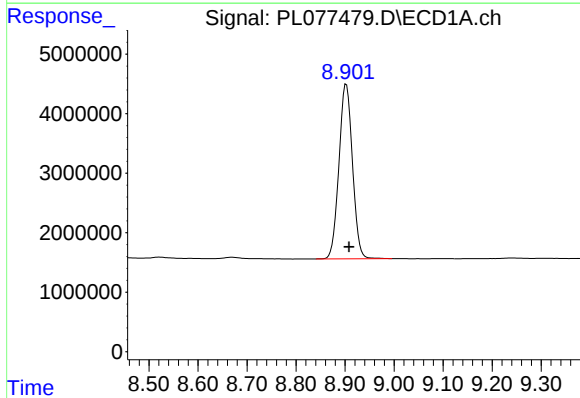
R.T.: 5.897 min  
Delta R.T.: -0.002 min  
Response: 73663215  
Conc: 297.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



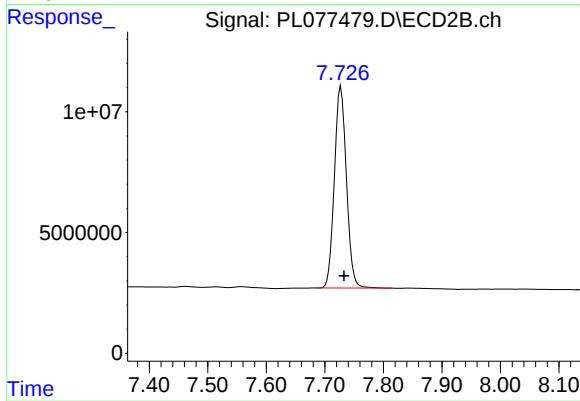
#26 Chlordane-4

R.T.: 4.863 min  
Delta R.T.: 0.002 min  
Response: 153226254  
Conc: 500.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.902 min  
Delta R.T.: -0.006 min  
Response: 56358472  
Conc: 49.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.727 min  
Delta R.T.: -0.005 min  
Response: 119583528  
Conc: 50.67 ng/ml