

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091622\  
 Data File : PL077825.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Sep 2022 01:51  
 Operator : AR\AJ  
 Sample : N4656-31MSD  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 17 02:46:12 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 13 13:26:11 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... | 3.414  | 2.624  | 16863491 | 31859077 | 10.520 | 10.732   |
| 28)                         | SA Decachlor... | 8.904  | 7.720  | 34997522 | 60468870 | 27.079 | 24.089   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.906f | 0.000  | 511867   | 0        | 0.216  | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.240f | 0.000  | 40018    | 0        | 0.018  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.818f | 0.000  | 454976   | 0        | 0.205  | N.D. #   |
| 5)                          | MB Aldrin       | 5.108f | 0.000  | 634747   | 0        | 0.319  | N.D. #   |
| 7)                          | B delta-BHC     | 0.000  | 3.964  | 0        | 828656   | N.D.   | 0.204 #  |
| 8)                          | B Heptachlo...  | 5.593f | 4.544  | 751029   | 340546   | 0.431  | 0.101 #  |
| 10)                         | B gamma-Chl...  | 5.799f | 4.808  | 3387181  | 7974184  | 1.935  | 2.340    |
| 11)                         | B alpha-Chl...  | 5.897  | 4.856  | 2398863  | 2156584  | 1.389  | 0.651 #  |
| 12)                         | B 4,4'-DDE      | 6.075  | 5.050  | 17347900 | 35412965 | 10.898 | 10.884   |
| 13)                         | MA Dieldrin     | 0.000  | 5.179  | 0        | 372273   | N.D.   | 0.112 #  |
| 14)                         | MA Endrin       | 0.000  | 5.465  | 0        | 1482866  | N.D.   | 0.520 #  |
| 15)                         | B Endosulfa...  | 6.708f | 0.000  | 1058118  | 0        | 0.766  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.599  | 5.603  | 1189758  | 1669422  | 1.016  | 0.644 #  |
| 17)                         | MA 4,4'-DDT     | 6.910  | 5.849  | 1417878  | 3824318  | 1.119  | 1.451 #  |
| 18)                         | B Endrin al...  | 0.000  | 5.950f | 0        | 537787   | N.D.   | 0.261 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.141  | 0        | 736532   | N.D.   | 0.274 #  |
| 21)                         | B Endrin ke...  | 7.568f | 0.000  | 784496   | 0        | 0.568  | N.D. #   |
| 22)                         | Mirex           | 8.024f | 0.000  | 2758236  | 0        | 2.627  | N.D. #   |
| 23)                         | Chlordane-1     | 4.573  | 3.600  | 493278   | 2458371  | 7.935  | 22.624 # |
| 24)                         | Chlordane-2     | 5.108  | 4.171  | 634747   | 951163   | 9.520  | 7.940    |
| 25)                         | Chlordane-3     | 5.799f | 4.808  | 3387181  | 7974184  | 13.754 | 23.182 # |
| 26)                         | Chlordane-4     | 5.897  | 4.856  | 2398863  | 2156584  | 8.062  | 5.944 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.551f | 0        | 1953707  | N.D.   | 20.764 # |
| -----                       |                 |        |        |          |          |        |          |

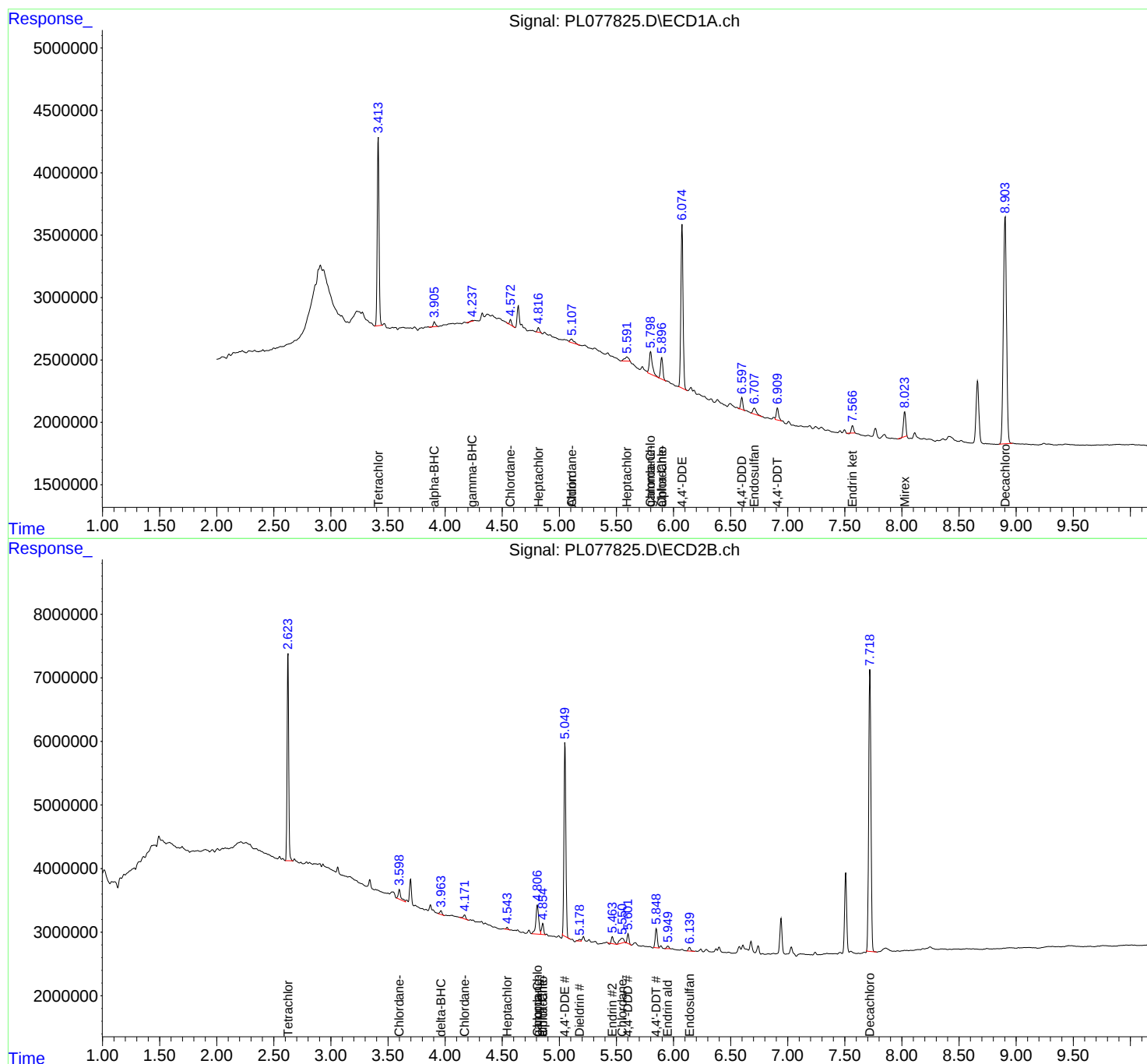
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

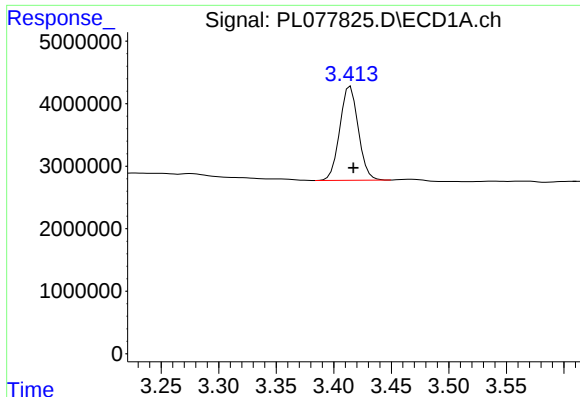
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091622\  
Data File : PL077825.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Sep 2022 01:51  
Operator : AR\AJ  
Sample : N4656-31MSD  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 17 02:46:12 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 13 13:26:11 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

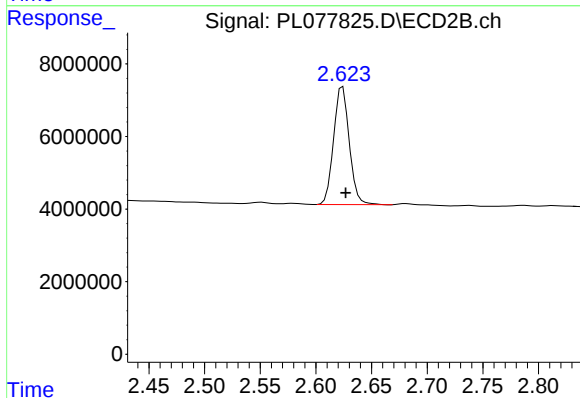




#1 Tetrachloro-m-xylene

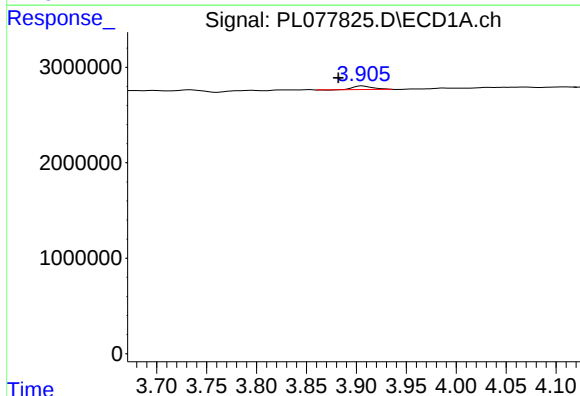
R.T.: 3.414 min  
Delta R.T.: -0.003 min  
Response: 16863491  
Conc: 10.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



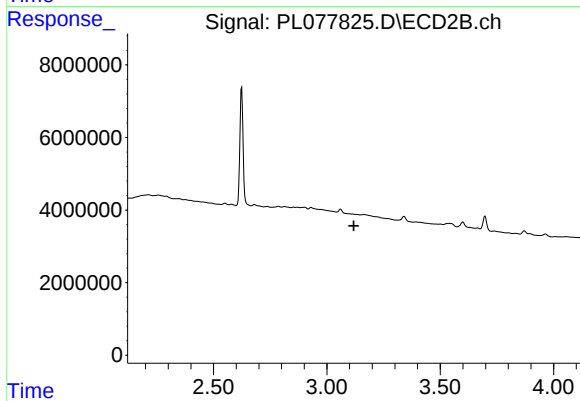
#1 Tetrachloro-m-xylene

R.T.: 2.624 min  
Delta R.T.: -0.003 min  
Response: 31859077  
Conc: 10.73 ng/ml



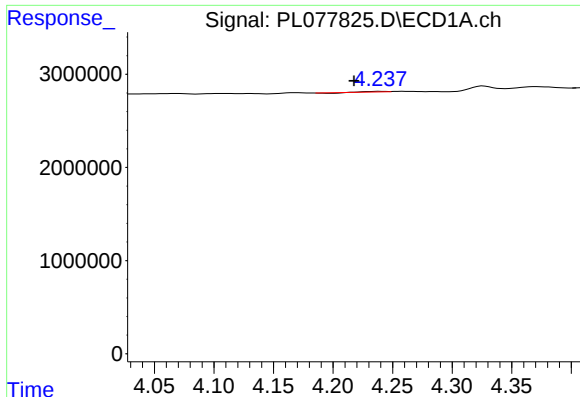
#2 alpha-BHC

R.T.: 3.906 min  
Delta R.T.: 0.024 min  
Response: 511867  
Conc: 0.22 ng/ml



#2 alpha-BHC

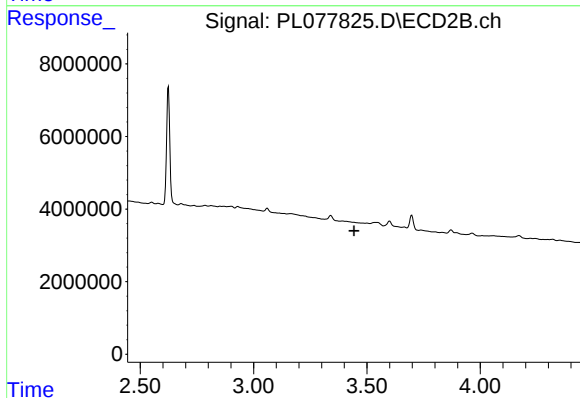
R.T.: 0.000 min  
Exp R.T. : 3.119 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

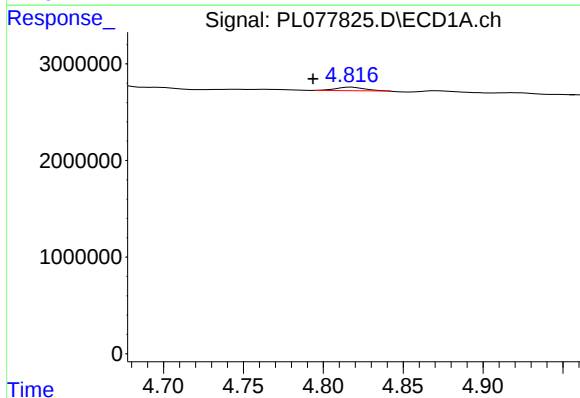
R.T.: 4.240 min  
Delta R.T.: 0.022 min  
Response: 40018  
Conc: 0.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



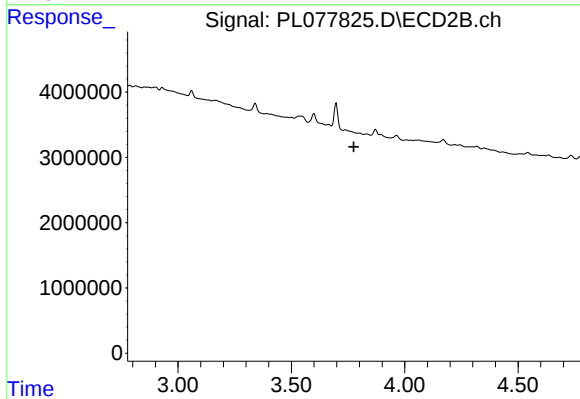
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.443 min  
Response: 0  
Conc: N.D.



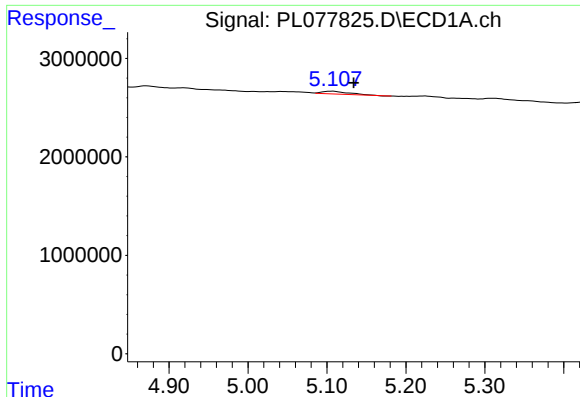
#4 Heptachlor

R.T.: 4.818 min  
Delta R.T.: 0.024 min  
Response: 454976  
Conc: 0.21 ng/ml



#4 Heptachlor

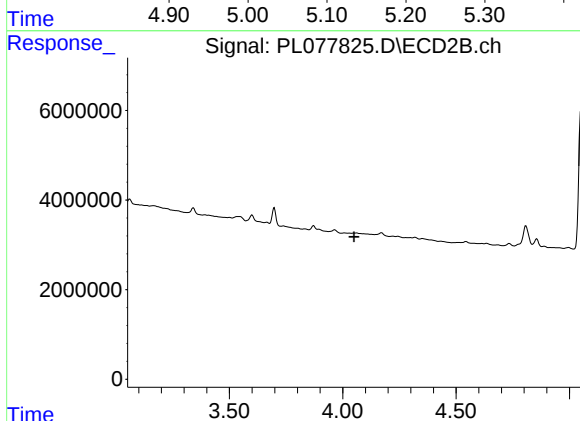
R.T.: 0.000 min  
Exp R.T. : 3.776 min  
Response: 0  
Conc: N.D.



#5 Aldrin

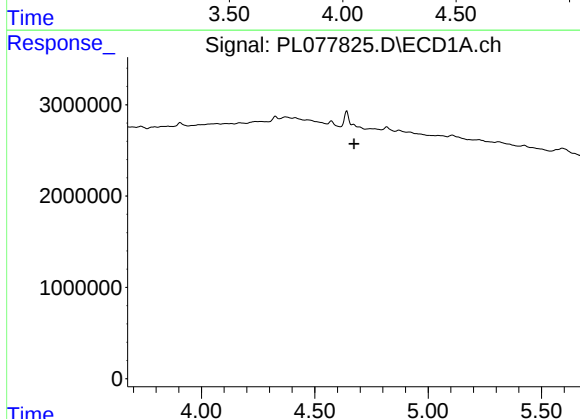
R.T.: 5.108 min  
Delta R.T.: -0.026 min  
Response: 634747  
Conc: 0.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



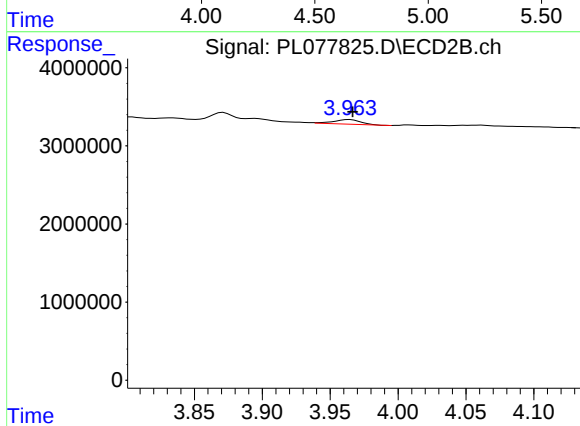
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.050 min  
Response: 0  
Conc: N.D.



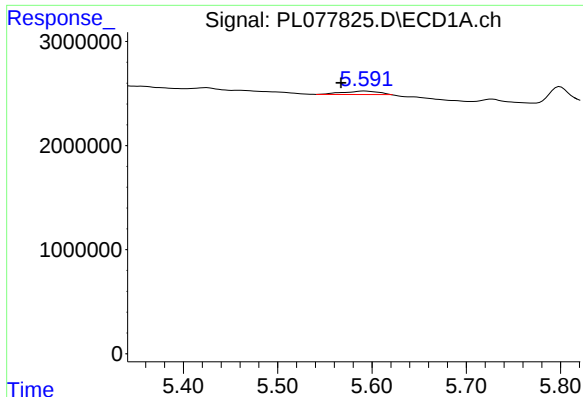
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.674 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

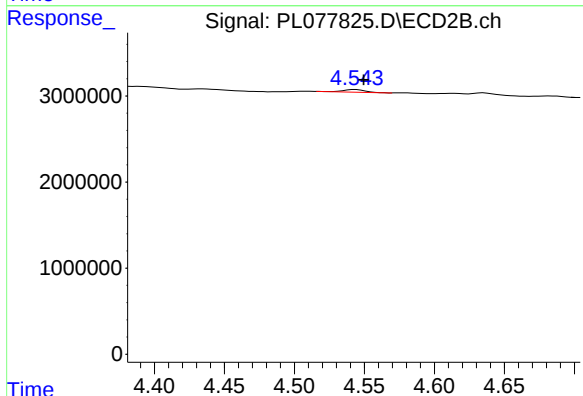
R.T.: 3.964 min  
Delta R.T.: -0.002 min  
Response: 828656  
Conc: 0.20 ng/ml



#8 Heptachlor epoxide

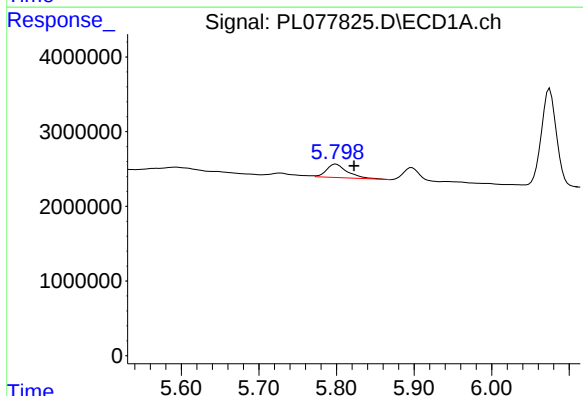
R.T.: 5.593 min  
Delta R.T.: 0.026 min  
Response: 751029  
Conc: 0.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



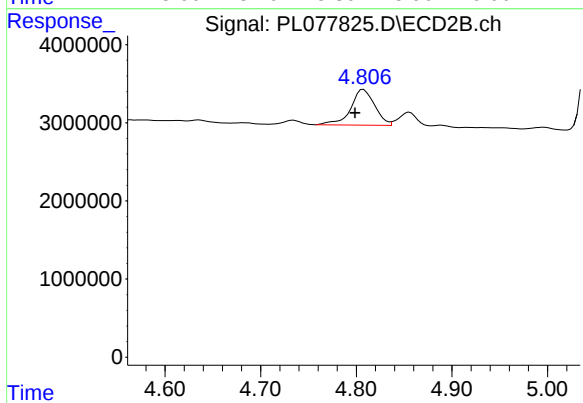
#8 Heptachlor epoxide

R.T.: 4.544 min  
Delta R.T.: -0.006 min  
Response: 340546  
Conc: 0.10 ng/ml



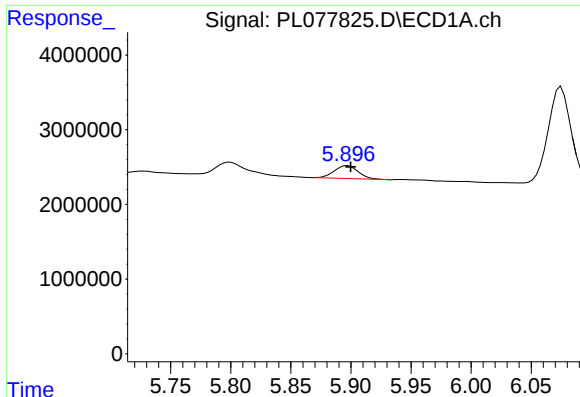
#10 gamma-Chlordane

R.T.: 5.799 min  
Delta R.T.: -0.023 min  
Response: 3387181  
Conc: 1.93 ng/ml



#10 gamma-Chlordane

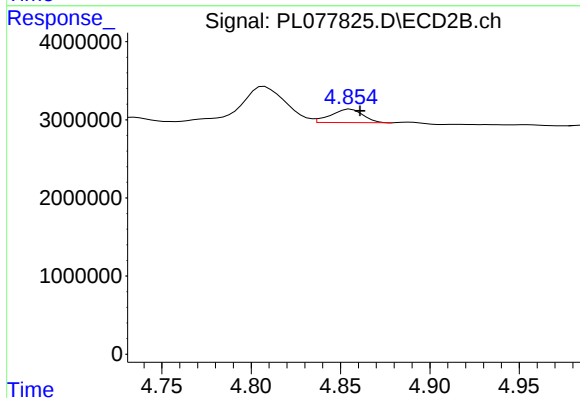
R.T.: 4.808 min  
Delta R.T.: 0.009 min  
Response: 7974184  
Conc: 2.34 ng/ml



#11 alpha-Chlordane

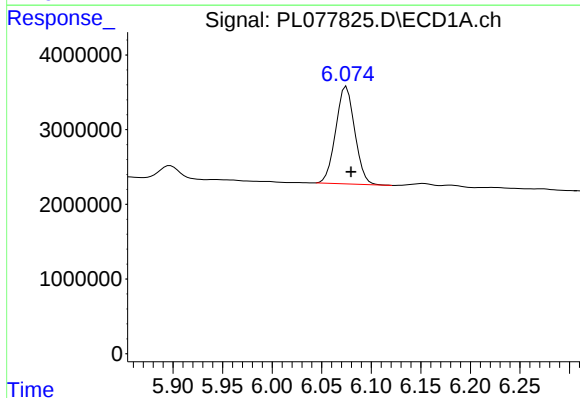
R.T.: 5.897 min  
Delta R.T.: -0.003 min  
Response: 2398863  
Conc: 1.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



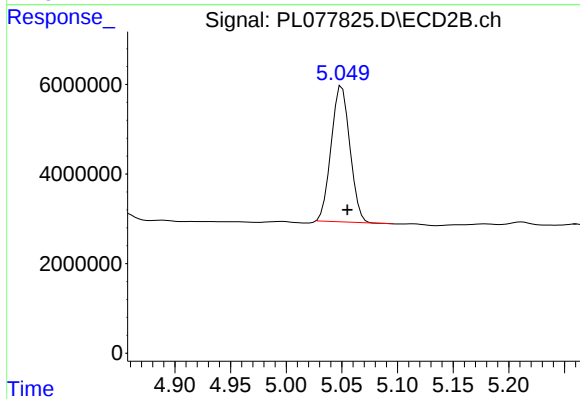
#11 alpha-Chlordane

R.T.: 4.856 min  
Delta R.T.: -0.005 min  
Response: 2156584  
Conc: 0.65 ng/ml



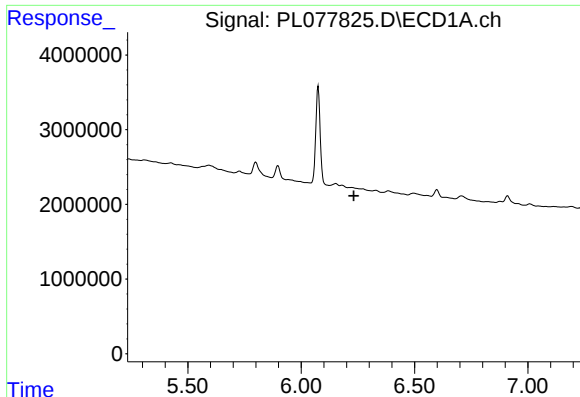
#12 4,4'-DDE

R.T.: 6.075 min  
Delta R.T.: -0.005 min  
Response: 17347900  
Conc: 10.90 ng/ml



#12 4,4'-DDE

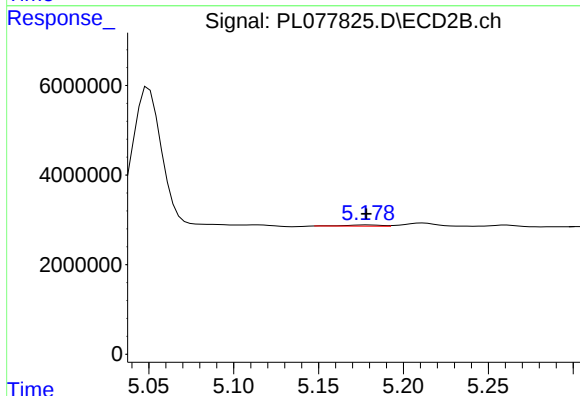
R.T.: 5.050 min  
Delta R.T.: -0.005 min  
Response: 35412965  
Conc: 10.88 ng/ml



#13 Dieldrin

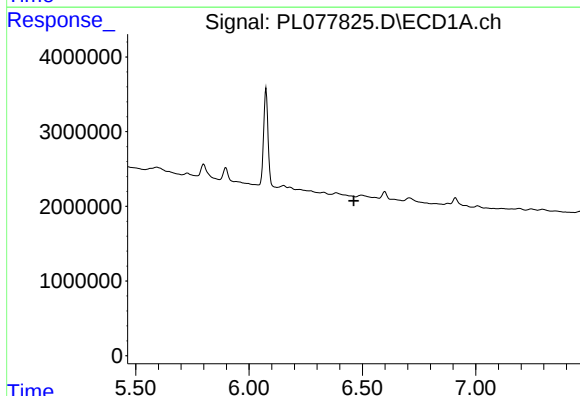
R.T.: 0.000 min  
Exp R.T.: 6.232 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



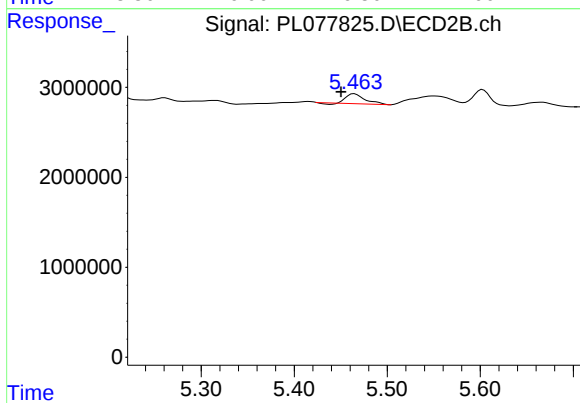
#13 Dieldrin

R.T.: 5.179 min  
Delta R.T.: 0.000 min  
Response: 372273  
Conc: 0.11 ng/ml



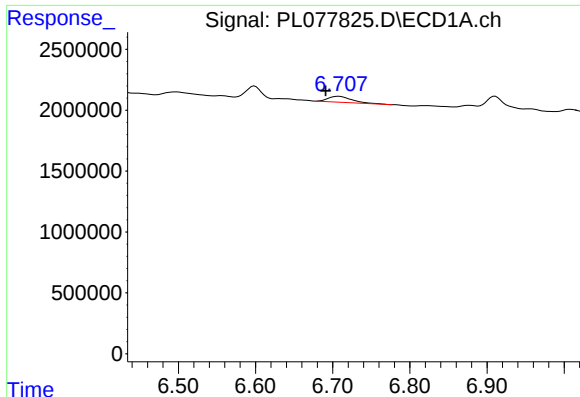
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.463 min  
Response: 0  
Conc: N.D.



#14 Endrin

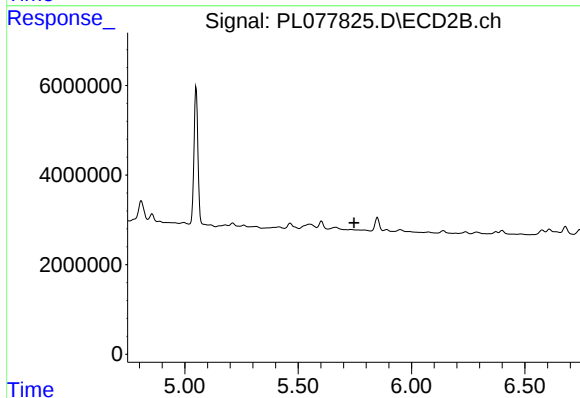
R.T.: 5.465 min  
Delta R.T.: 0.014 min  
Response: 1482866  
Conc: 0.52 ng/ml



#15 Endosulfan II

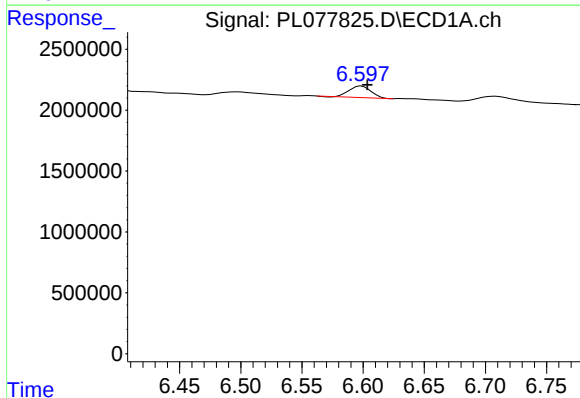
R.T.: 6.708 min  
Delta R.T.: 0.017 min  
Response: 1058118  
Conc: 0.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



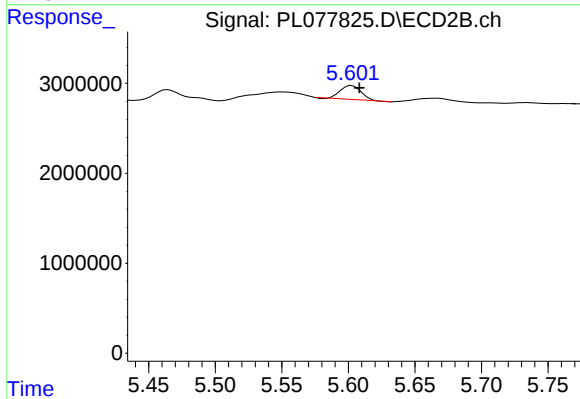
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 5.747 min  
Response: 0  
Conc: N.D.



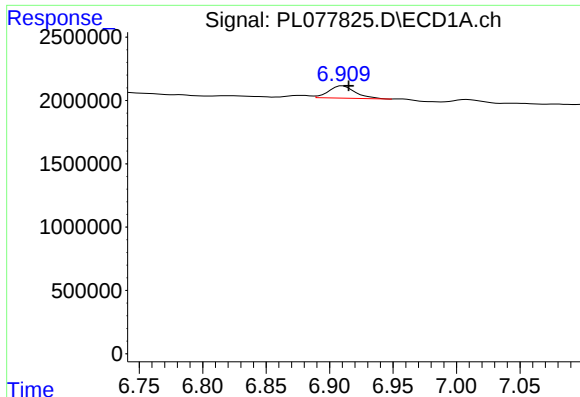
#16 4,4'-DDD

R.T.: 6.599 min  
Delta R.T.: -0.005 min  
Response: 1189758  
Conc: 1.02 ng/ml



#16 4,4'-DDD

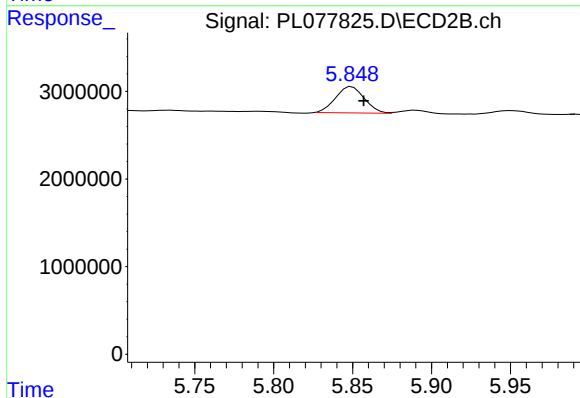
R.T.: 5.603 min  
Delta R.T.: -0.006 min  
Response: 1669422  
Conc: 0.64 ng/ml



#17 4,4'-DDT

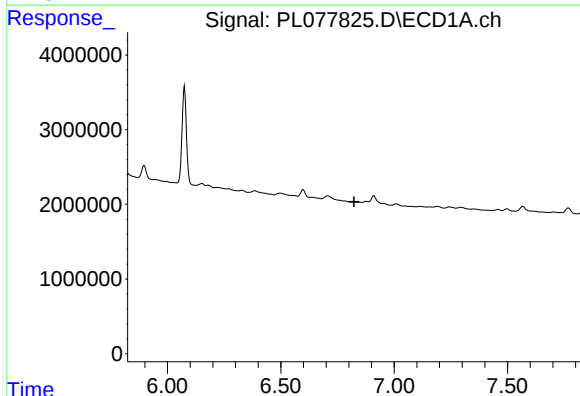
R.T.: 6.910 min  
Delta R.T.: -0.005 min  
Response: 1417878  
Conc: 1.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



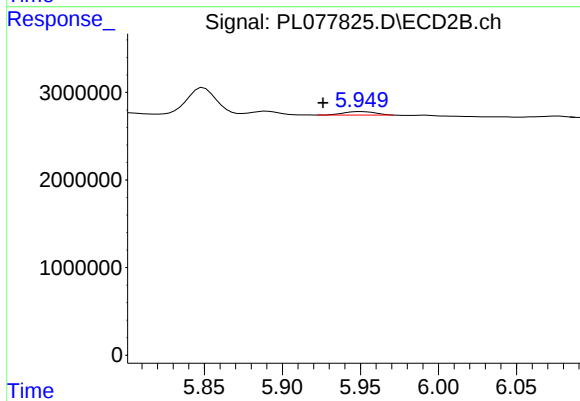
#17 4,4'-DDT

R.T.: 5.849 min  
Delta R.T.: -0.007 min  
Response: 3824318  
Conc: 1.45 ng/ml



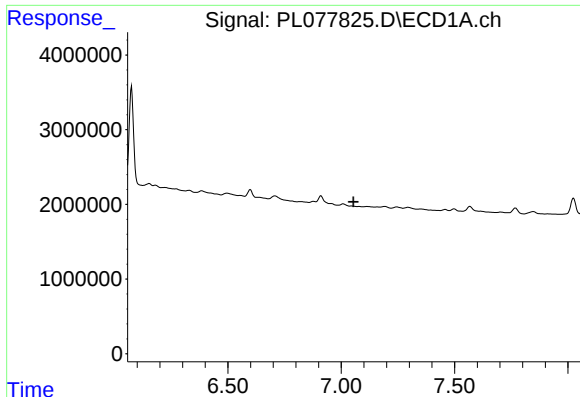
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.823 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

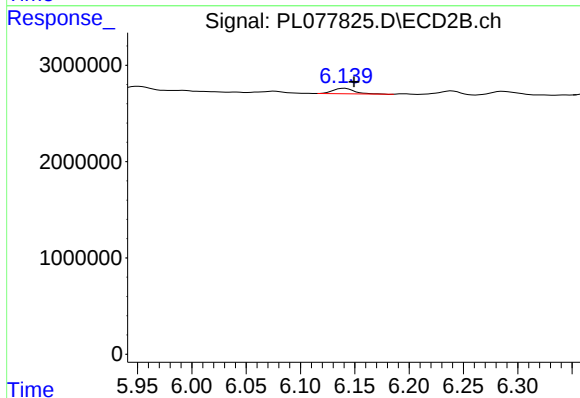
R.T.: 5.950 min  
Delta R.T.: 0.024 min  
Response: 537787  
Conc: 0.26 ng/ml



#19 Endosulfan Sulfate

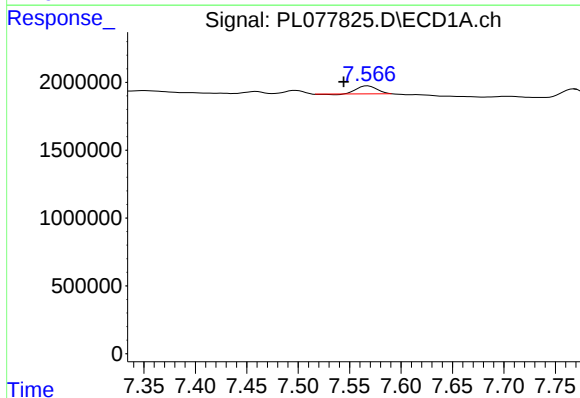
R.T.: 0.000 min  
Exp R.T.: 7.055 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



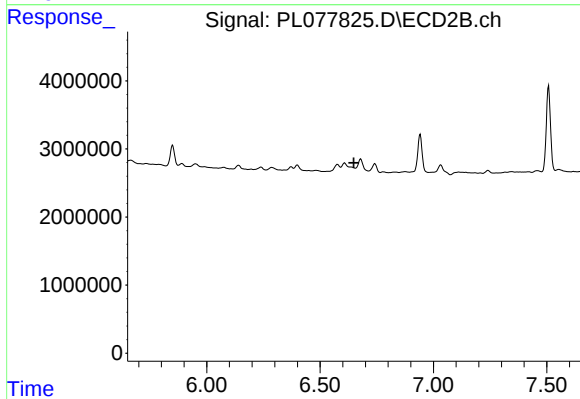
#19 Endosulfan Sulfate

R.T.: 6.141 min  
Delta R.T.: -0.009 min  
Response: 736532  
Conc: 0.27 ng/ml



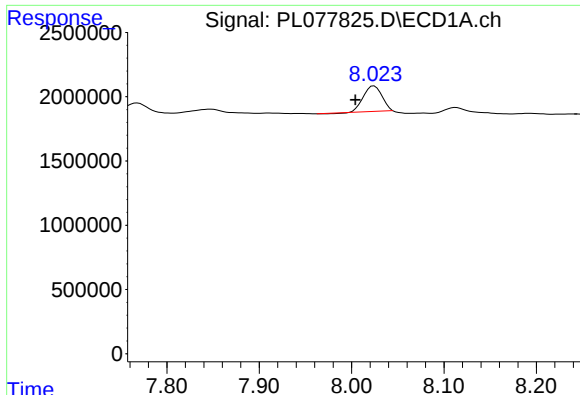
#21 Endrin ketone

R.T.: 7.568 min  
Delta R.T.: 0.023 min  
Response: 784496  
Conc: 0.57 ng/ml



#21 Endrin ketone

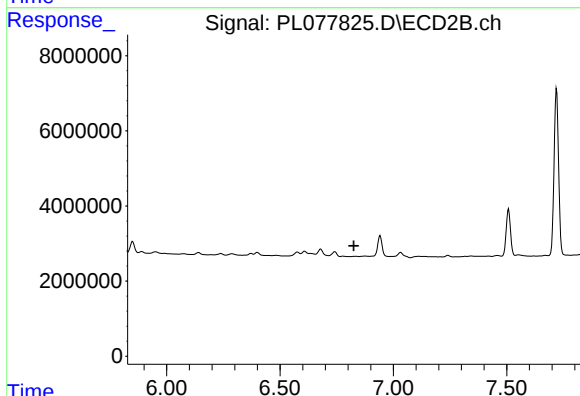
R.T.: 0.000 min  
Exp R.T.: 6.649 min  
Response: 0  
Conc: N.D.



#22 Mirex

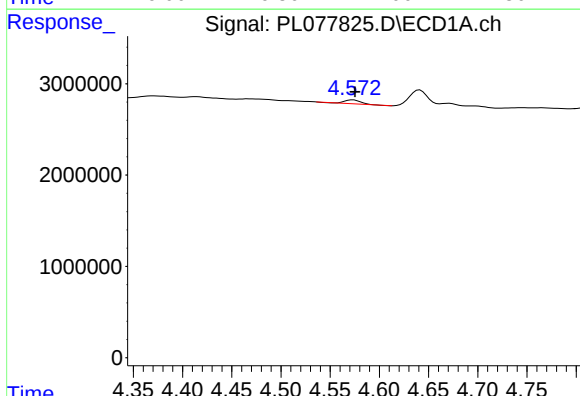
R.T.: 8.024 min  
Delta R.T.: 0.020 min  
Response: 2758236  
Conc: 2.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



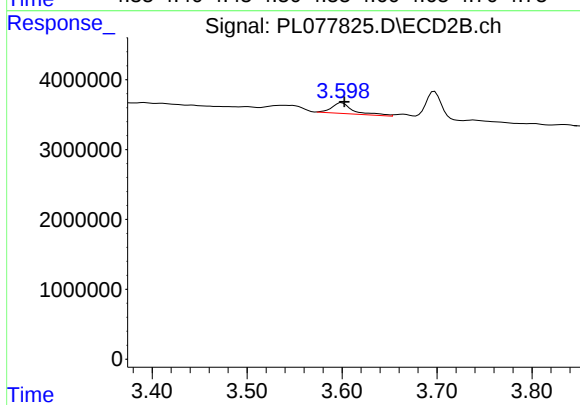
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 6.825 min  
Response: 0  
Conc: N.D.



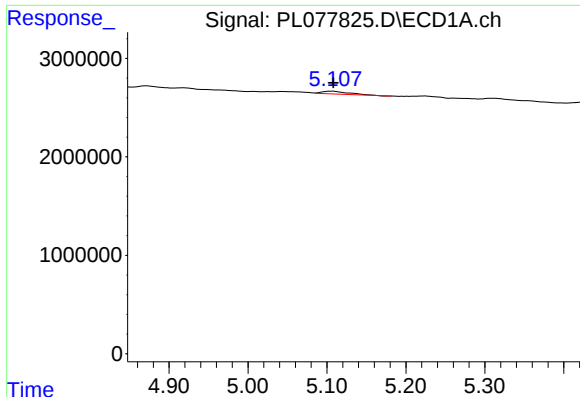
#23 Chlordane-1

R.T.: 4.573 min  
Delta R.T.: -0.002 min  
Response: 493278  
Conc: 7.93 ng/ml



#23 Chlordane-1

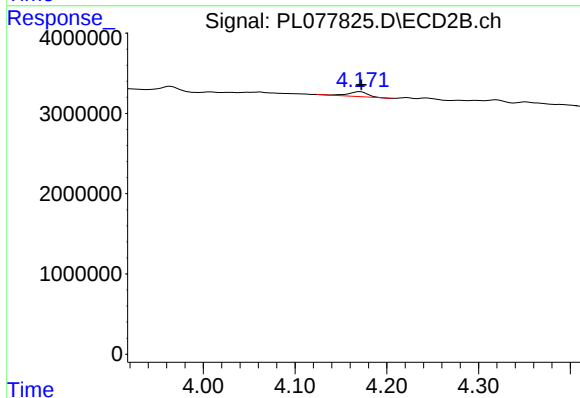
R.T.: 3.600 min  
Delta R.T.: -0.003 min  
Response: 2458371  
Conc: 22.62 ng/ml



#24 Chlordane-2

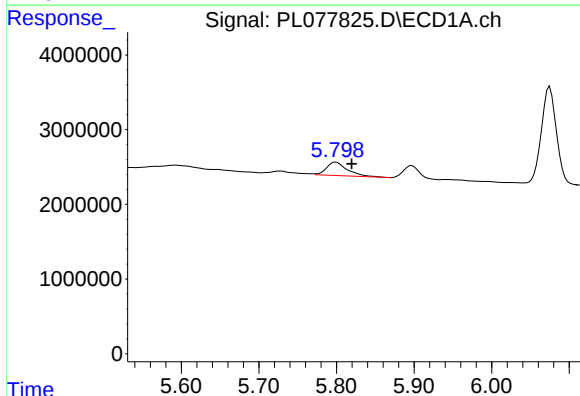
R.T.: 5.108 min  
Delta R.T.: 0.000 min  
Response: 634747  
Conc: 9.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



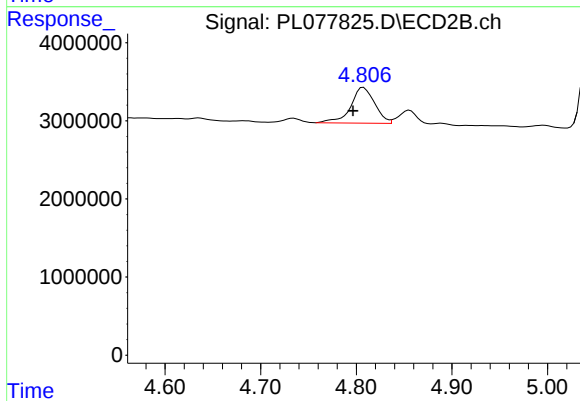
#24 Chlordane-2

R.T.: 4.171 min  
Delta R.T.: -0.001 min  
Response: 951163  
Conc: 7.94 ng/ml



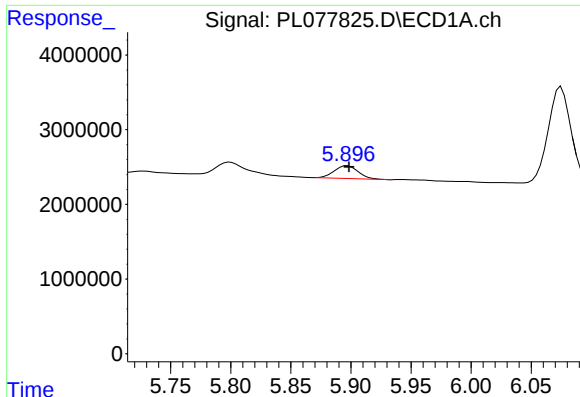
#25 Chlordane-3

R.T.: 5.799 min  
Delta R.T.: -0.020 min  
Response: 3387181  
Conc: 13.75 ng/ml



#25 Chlordane-3

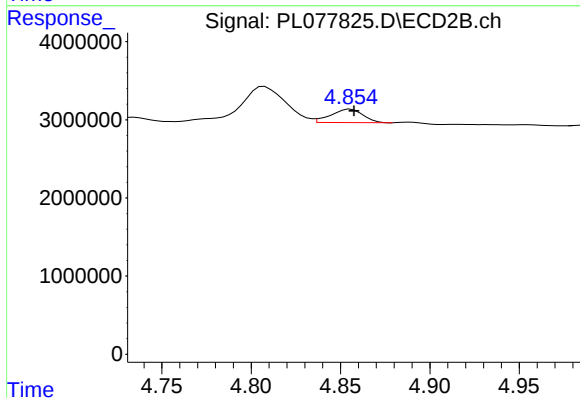
R.T.: 4.808 min  
Delta R.T.: 0.011 min  
Response: 7974184  
Conc: 23.18 ng/ml



#26 Chlordane-4

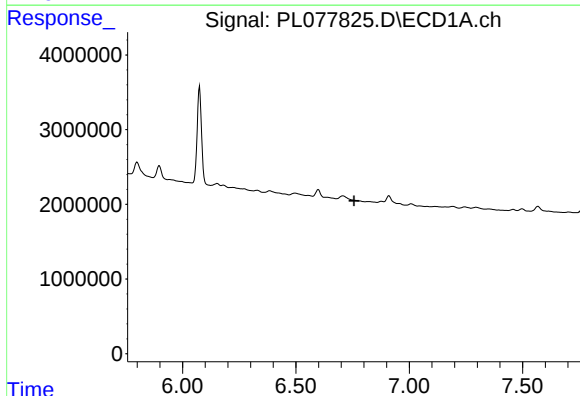
R.T.: 5.897 min  
Delta R.T.: -0.001 min  
Response: 2398863  
Conc: 8.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



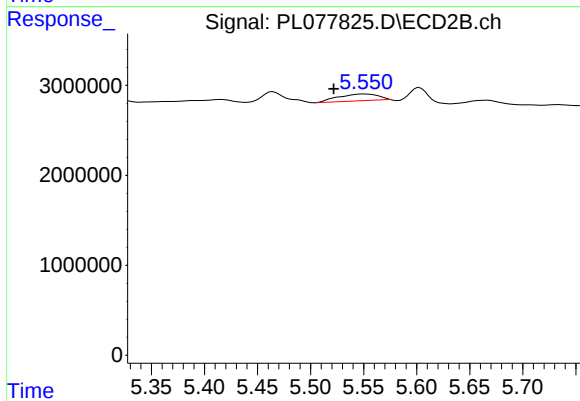
#26 Chlordane-4

R.T.: 4.856 min  
Delta R.T.: -0.002 min  
Response: 2156584  
Conc: 5.94 ng/ml



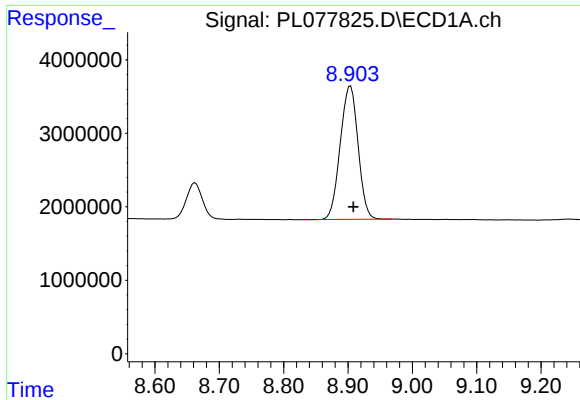
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.757 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

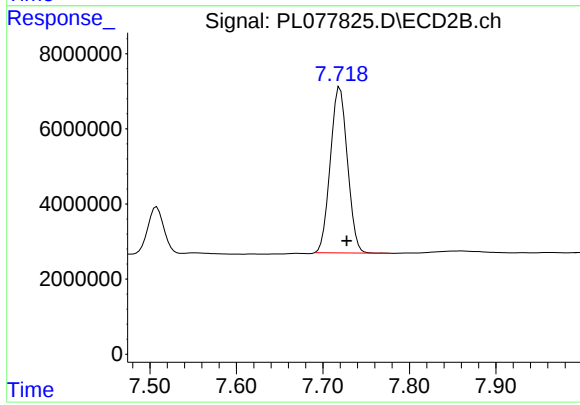
R.T.: 5.551 min  
Delta R.T.: 0.029 min  
Response: 1953707  
Conc: 20.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.904 min  
Delta R.T.: -0.005 min  
Response: 34997522  
Conc: 27.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.720 min  
Delta R.T.: -0.008 min  
Response: 60468870  
Conc: 24.09 ng/ml