

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102819\  
 Data File : PL053825.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2019 11:28  
 Operator : SG\AJ  
 Sample : K5503-13RE  
 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: Oct 29 09:14:46 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 2019  
 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... | 3.542  | 4.044  | 117.4E6  | 27527804 | 10.826  | 11.001    |
| 28)                         | SA Decachlor... | 8.326  | 9.122  | 399.6E6  | 123.7E6  | 40.731  | 43.928    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 4)                          | MA Heptachlor   | 4.586  | 0.000  | 6874959  | 0        | 0.436   | N.D. #    |
| 5)                          | MB Aldrin       | 4.813f | 5.531  | 18061647 | 46688238 | 1.263   | 15.659 #  |
| 6)                          | B beta-BHC      | 4.546f | 0.000  | 14032684 | 0        | 2.129   | N.D. #    |
| 7)                          | B delta-BHC     | 4.748  | 0.000  | 14873201 | 0        | 0.977   | N.D. #    |
| 8)                          | B Heptachlo...  | 5.274  | 0.000  | 175.5E6  | 0        | 13.004  | N.D. #    |
| 9)                          | A Endosulfan I  | 5.631  | 6.265f | 65803728 | 3229802  | 5.353   | 1.191 #   |
| 10)                         | B gamma-Chl...  | 5.490f | 0.000  | 337.1E6  | 0        | 24.707  | N.D. #    |
| 12)                         | B 4,4'-DDE      | 5.710f | 6.382  | 47903019 | 4457663  | 4.031   | 1.583 #   |
| 13)                         | MA Dieldrin     | 5.851f | 6.516f | 23484282 | 5699816  | 1.802   | 1.997     |
| 14)                         | MA Endrin       | 6.153f | 0.000  | 67594989 | 0        | 5.832   | N.D. #    |
| 15)                         | B Endosulfa...  | 6.379f | 0.000  | 3711045  | 0        | 0.332   | N.D. #    |
| 16)                         | A 4,4'-DDD      | 6.242  | 6.879  | 4506191  | 5272563  | 0.506   | 2.530 #   |
| 17)                         | MA 4,4'-DDT     | 6.482  | 0.000  | 21824758 | 0        | 2.203   | N.D. #    |
| 18)                         | B Endrin al...  | 6.576  | 7.109f | 6394633  | 1453001  | 0.697   | 0.661     |
| 19)                         | B Endosulfa...  | 6.795  | 7.300  | 135.5E6  | 6692479  | 13.321  | 2.728 #   |
| 20)                         | A Methoxychlor  | 7.016f | 7.651f | 23535932 | 36048298 | 4.774   | 27.753 #  |
| 21)                         | B Endrin ke...  | 7.293f | 0.000  | 45933140 | 0        | 4.267   | N.D. #    |
| 22)                         | Mirex           | 0.000  | 8.259f | 0        | 4329129  | N.D.    | 2.140 #   |
| 23)                         | Chlordane-1     | 4.429  | 0.000  | 8447947  | 0        | 23.819  | N.D. #    |
| 24)                         | Chlordane-2     | 4.950f | 5.531f | 31869408 | 46688238 | 82.710  | 475.336 # |
| 25)                         | Chlordane-3     | 5.490f | 0.000  | 337.1E6  | 0        | 292.439 | N.D. #    |
| 27)                         | Chlordane-5     | 6.436f | 0.000  | 3429183  | 0        | 9.381   | N.D. #    |
| -----                       |                 |        |        |          |          |         |           |

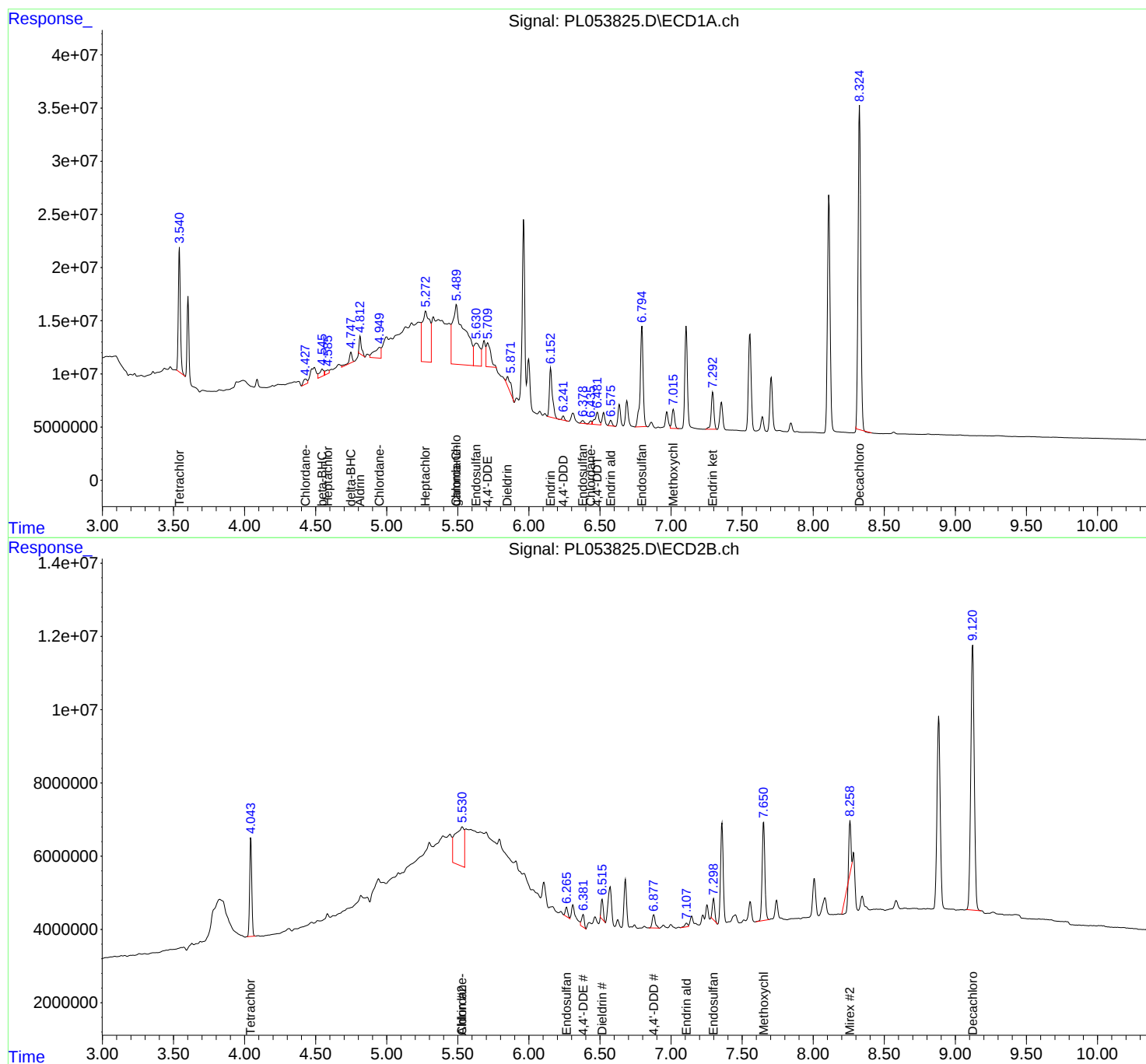
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

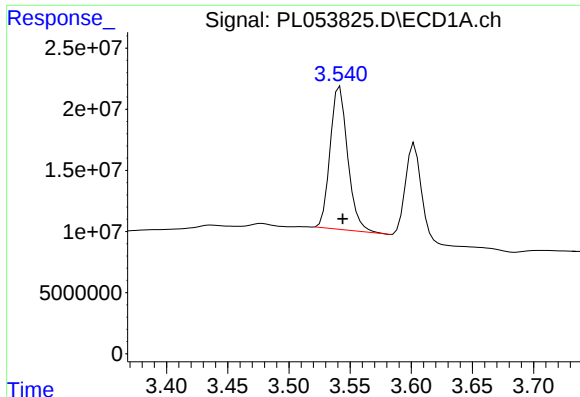
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102819\  
Data File : PL053825.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2019 11:28  
Operator : SG\AJ  
Sample : K5503-13RE  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 09:14:46 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 2019  
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

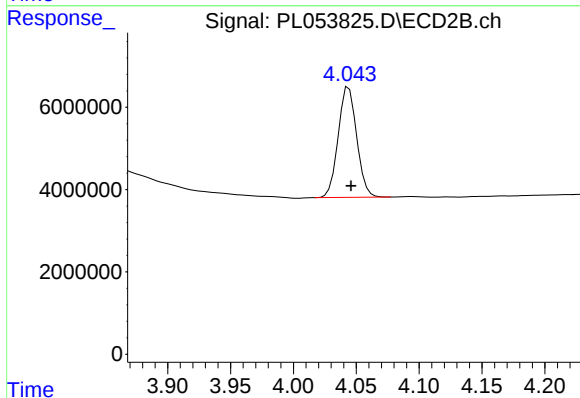




#1 Tetrachloro-m-xylene

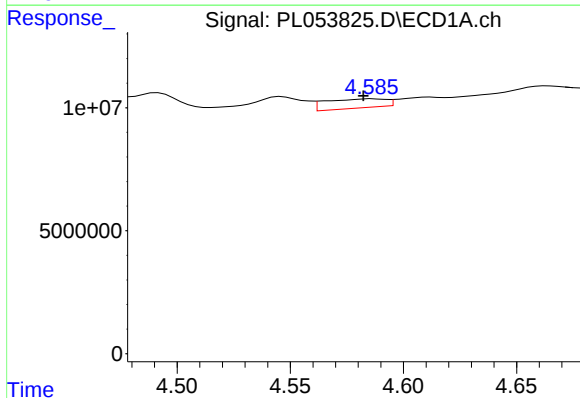
R.T.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 117350479  
Conc: 10.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



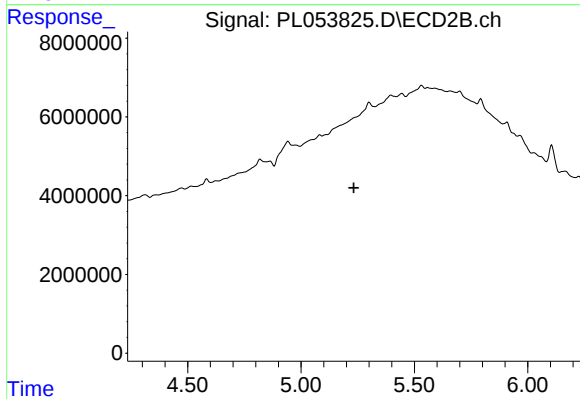
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: -0.002 min  
Response: 27527804  
Conc: 11.00 ng/ml



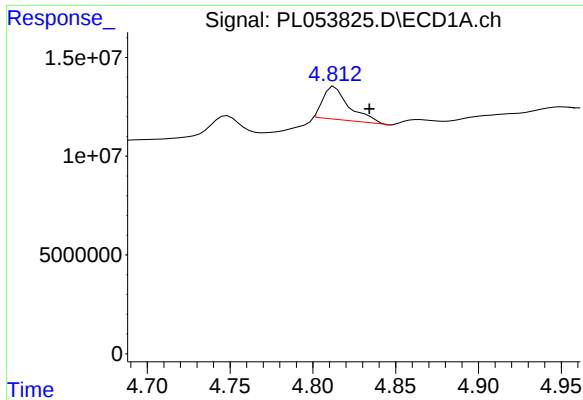
#4 Heptachlor

R.T.: 4.586 min  
Delta R.T.: 0.004 min  
Response: 6874959  
Conc: 0.44 ng/ml



#4 Heptachlor

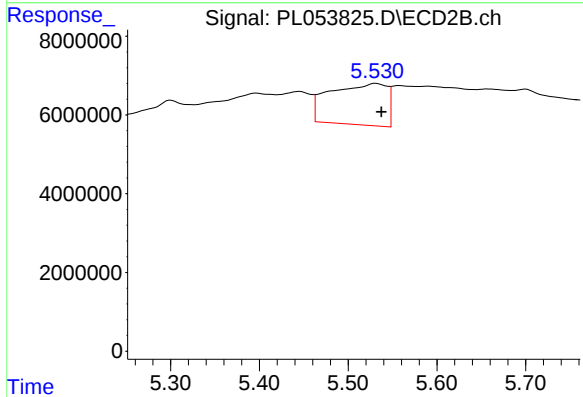
R.T.: 0.000 min  
Exp R.T.: 5.232 min  
Response: 0  
Conc: N.D.



#5 Aldrin

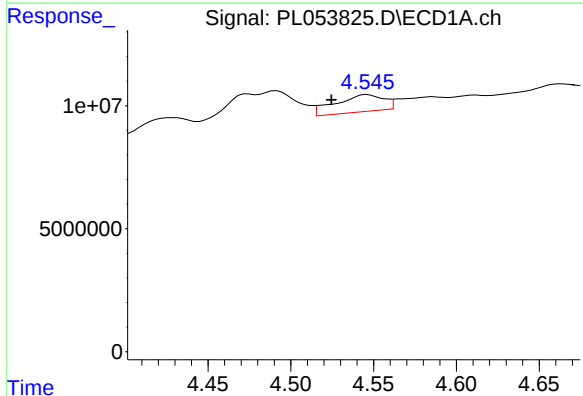
R.T.: 4.813 min  
Delta R.T.: -0.021 min  
Response: 18061647  
Conc: 1.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



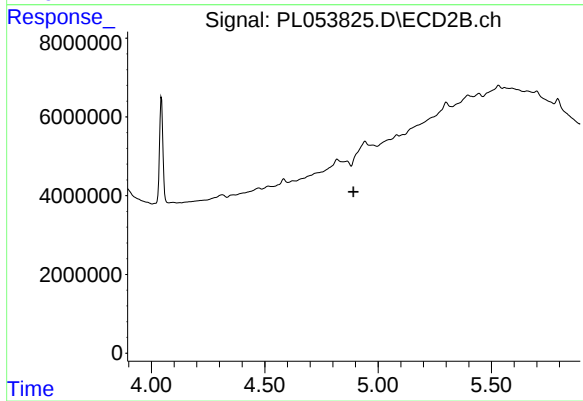
#5 Aldrin

R.T.: 5.531 min  
Delta R.T.: -0.006 min  
Response: 46688238  
Conc: 15.66 ng/ml



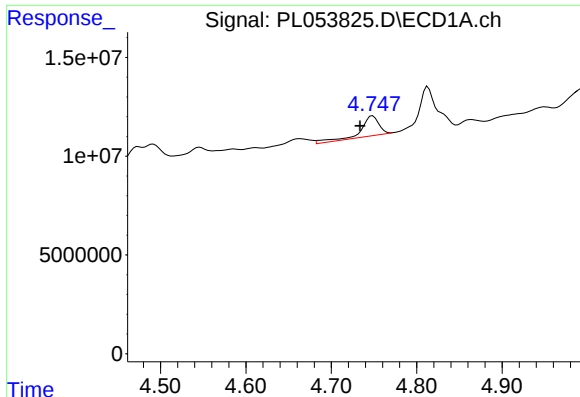
#6 beta-BHC

R.T.: 4.546 min  
Delta R.T.: 0.021 min  
Response: 14032684  
Conc: 2.13 ng/ml



#6 beta-BHC

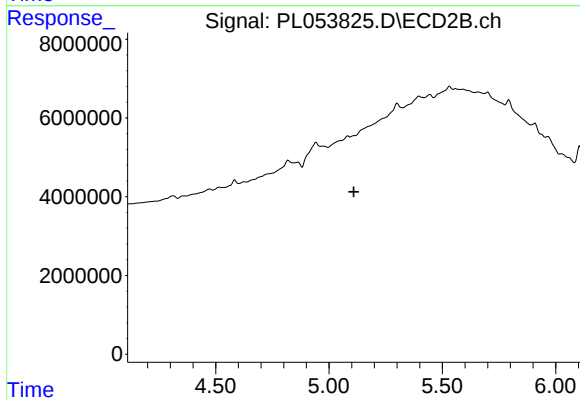
R.T.: 0.000 min  
Exp R.T.: 4.892 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

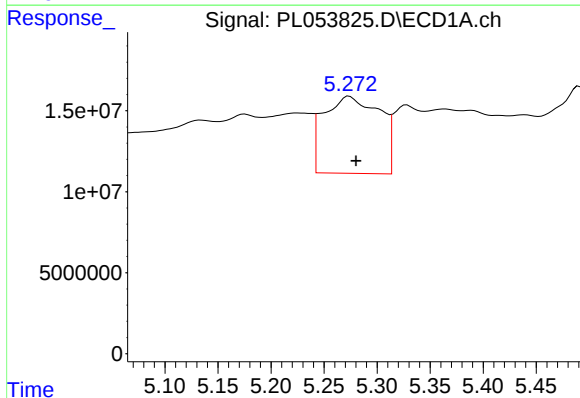
R.T.: 4.748 min  
Delta R.T.: 0.015 min  
Response: 14873201  
Conc: 0.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



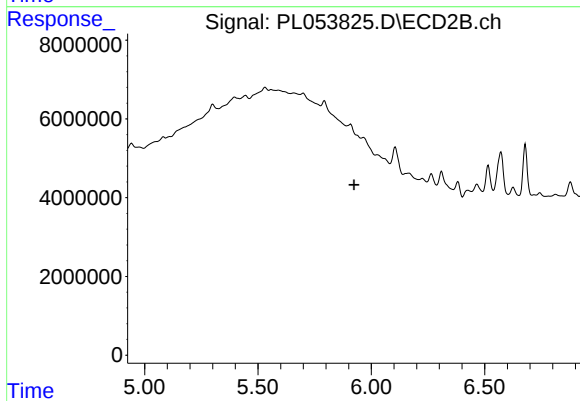
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.109 min  
Response: 0  
Conc: N.D.



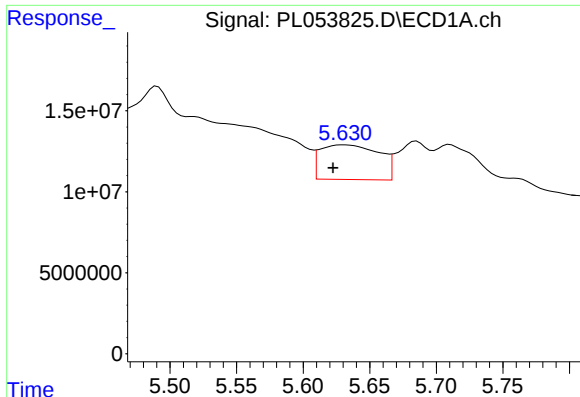
#8 Heptachlor epoxide

R.T.: 5.274 min  
Delta R.T.: -0.006 min  
Response: 175542805  
Conc: 13.00 ng/ml



#8 Heptachlor epoxide

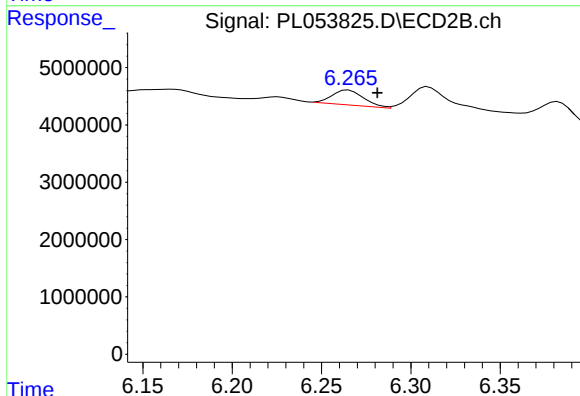
R.T.: 0.000 min  
Exp R.T. : 5.925 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

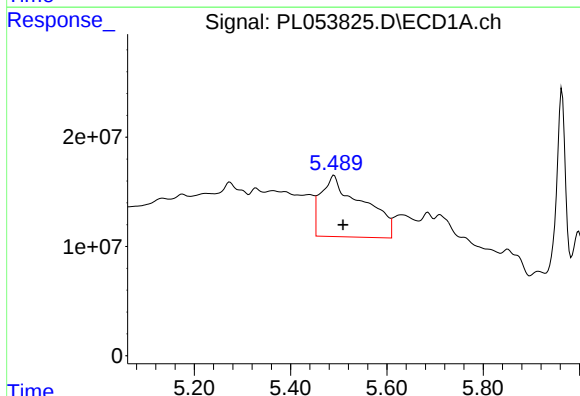
R.T.: 5.631 min  
Delta R.T.: 0.008 min  
Response: 65803728  
Conc: 5.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



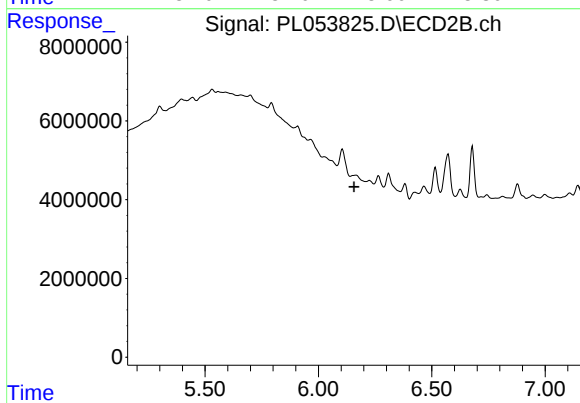
#9 Endosulfan I

R.T.: 6.265 min  
Delta R.T.: -0.016 min  
Response: 3229802  
Conc: 1.19 ng/ml



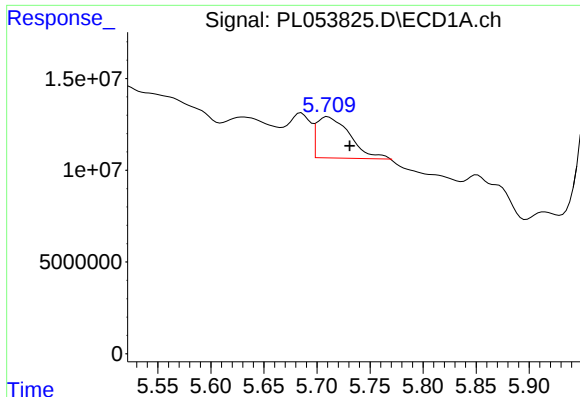
#10 gamma-Chlordane

R.T.: 5.490 min  
Delta R.T.: -0.019 min  
Response: 337090223  
Conc: 24.71 ng/ml



#10 gamma-Chlordane

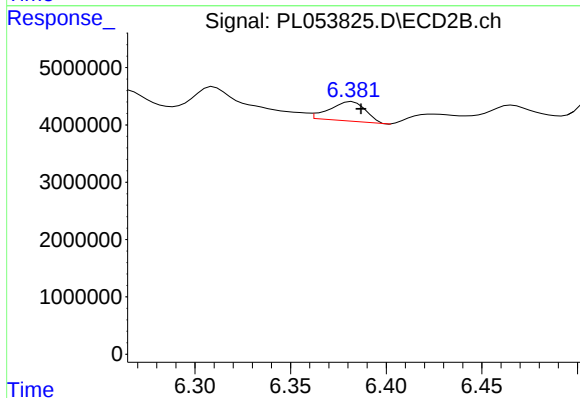
R.T.: 0.000 min  
Exp R.T.: 6.158 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

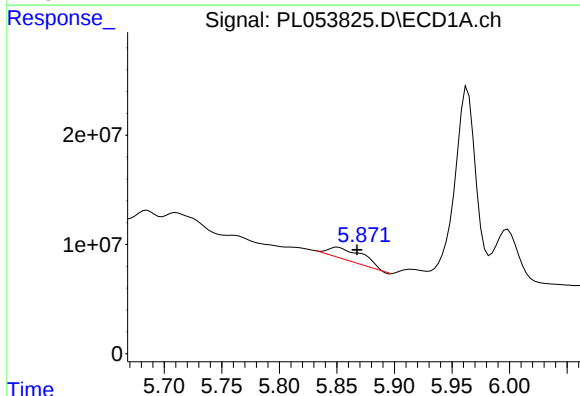
R.T.: 5.710 min  
Delta R.T.: -0.021 min  
Response: 47903019  
Conc: 4.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



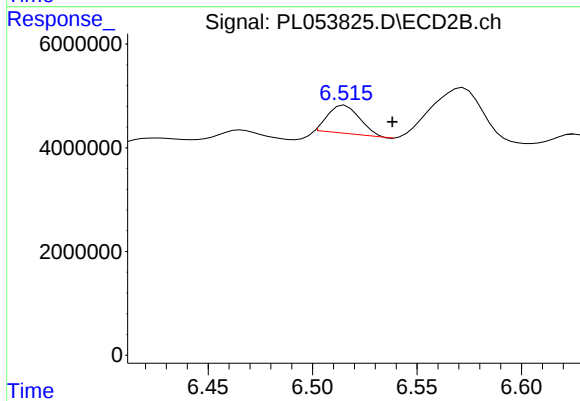
#12 4,4'-DDE

R.T.: 6.382 min  
Delta R.T.: -0.005 min  
Response: 4457663  
Conc: 1.58 ng/ml



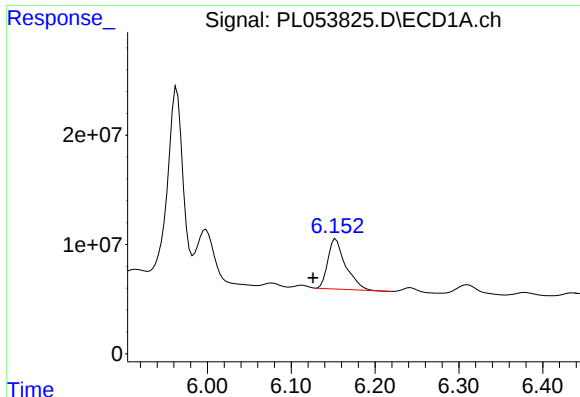
#13 Dieldrin

R.T.: 5.851 min  
Delta R.T.: -0.017 min  
Response: 23484282  
Conc: 1.80 ng/ml



#13 Dieldrin

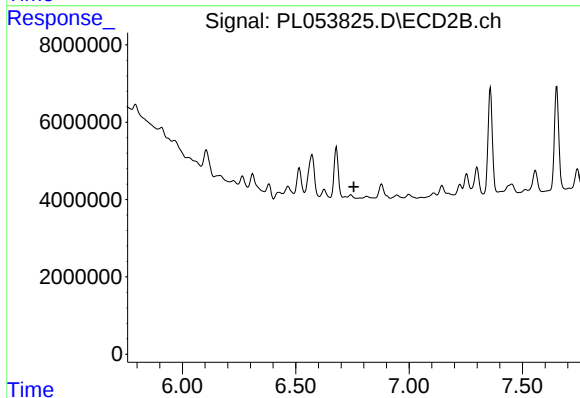
R.T.: 6.516 min  
Delta R.T.: -0.023 min  
Response: 5699816  
Conc: 2.00 ng/ml



#14 Endrin

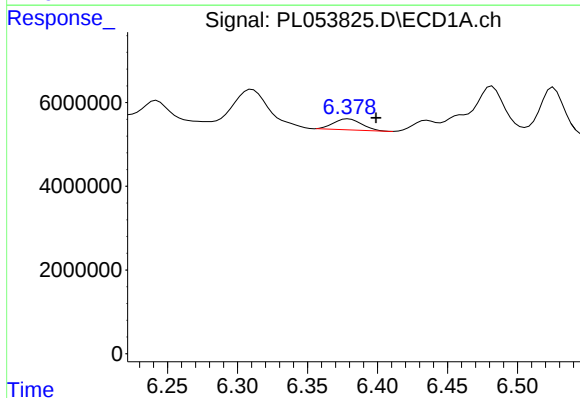
R.T.: 6.153 min  
Delta R.T.: 0.027 min  
Response: 67594989  
Conc: 5.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



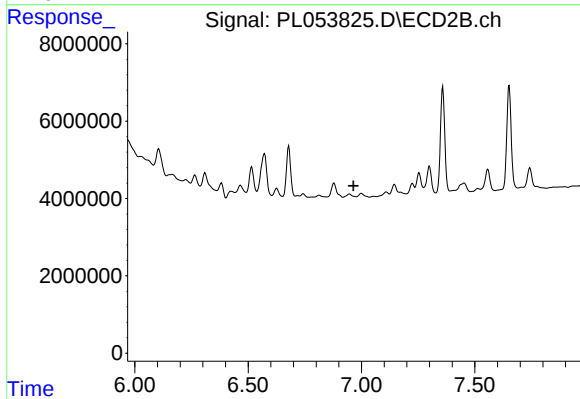
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.756 min  
Response: 0  
Conc: N.D.



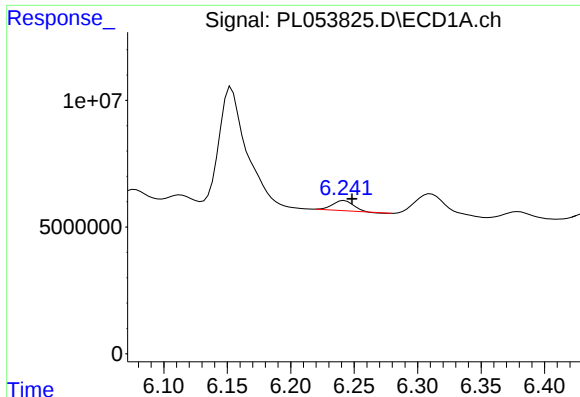
#15 Endosulfan II

R.T.: 6.379 min  
Delta R.T.: -0.020 min  
Response: 3711045  
Conc: 0.33 ng/ml



#15 Endosulfan II

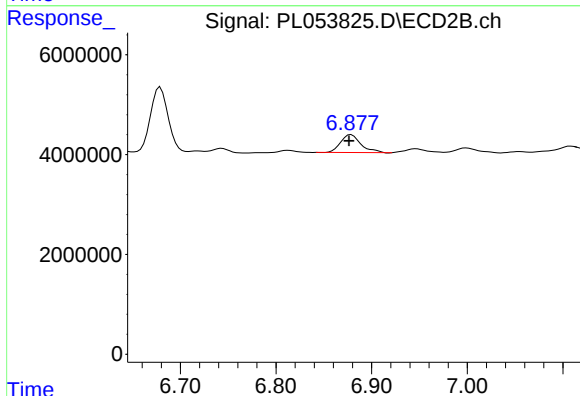
R.T.: 0.000 min  
Exp R.T. : 6.965 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

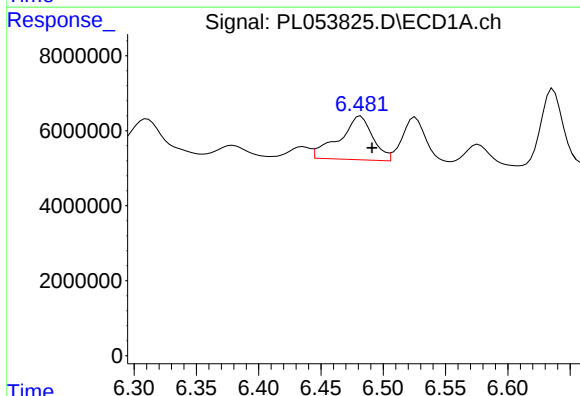
R.T.: 6.242 min  
Delta R.T.: -0.006 min  
Response: 4506191  
Conc: 0.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



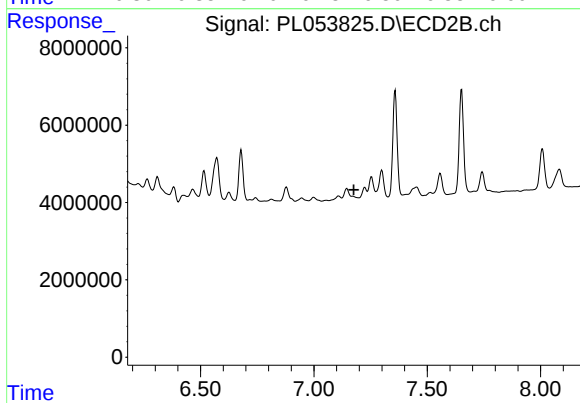
#16 4,4'-DDD

R.T.: 6.879 min  
Delta R.T.: 0.002 min  
Response: 5272563  
Conc: 2.53 ng/ml



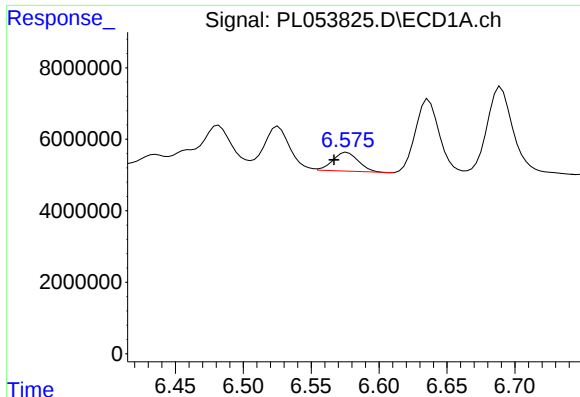
#17 4,4'-DDT

R.T.: 6.482 min  
Delta R.T.: -0.009 min  
Response: 21824758  
Conc: 2.20 ng/ml



#17 4,4'-DDT

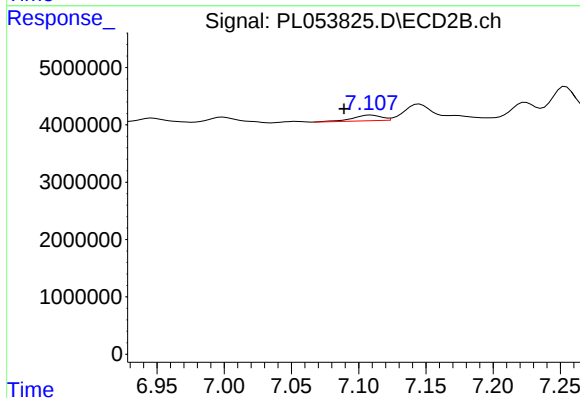
R.T.: 0.000 min  
Exp R.T.: 7.176 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

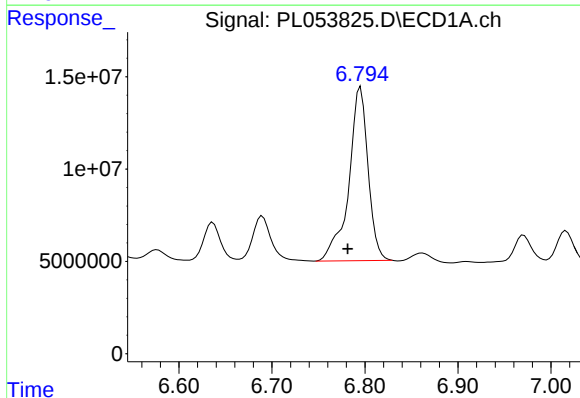
R.T.: 6.576 min  
Delta R.T.: 0.009 min  
Response: 6394633  
Conc: 0.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



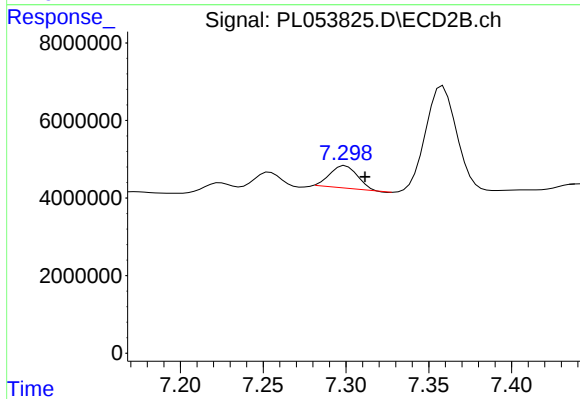
#18 Endrin aldehyde

R.T.: 7.109 min  
Delta R.T.: 0.020 min  
Response: 1453001  
Conc: 0.66 ng/ml



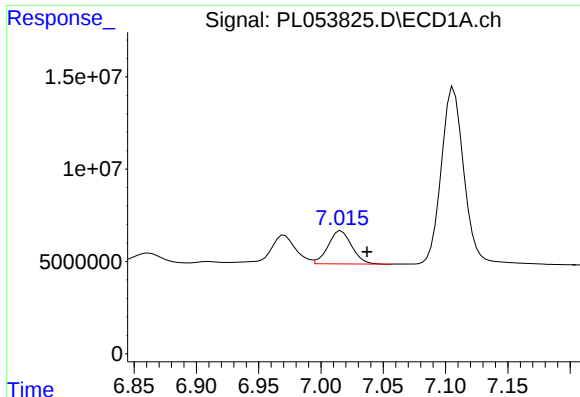
#19 Endosulfan Sulfate

R.T.: 6.795 min  
Delta R.T.: 0.014 min  
Response: 135499919  
Conc: 13.32 ng/ml



#19 Endosulfan Sulfate

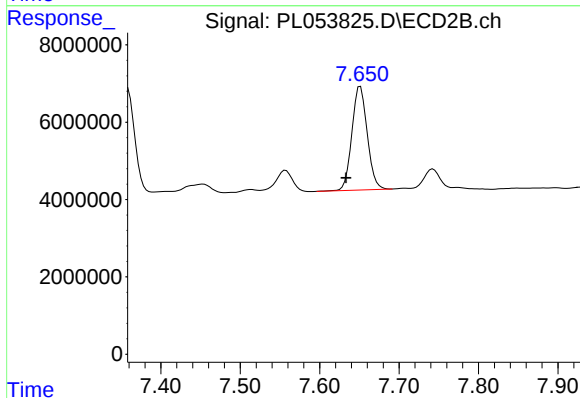
R.T.: 7.300 min  
Delta R.T.: -0.012 min  
Response: 6692479  
Conc: 2.73 ng/ml



#20 Methoxychlor

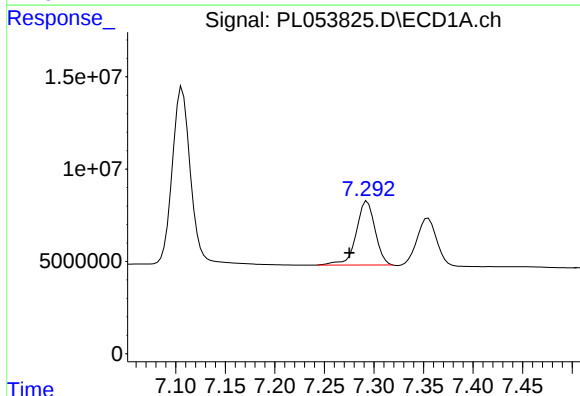
R.T.: 7.016 min  
Delta R.T.: -0.021 min  
Response: 23535932  
Conc: 4.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



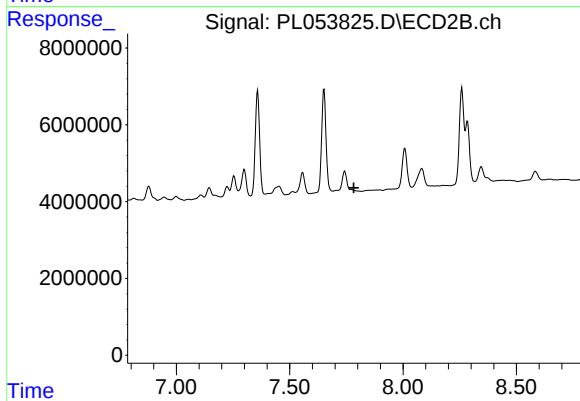
#20 Methoxychlor

R.T.: 7.651 min  
Delta R.T.: 0.018 min  
Response: 36048298  
Conc: 27.75 ng/ml



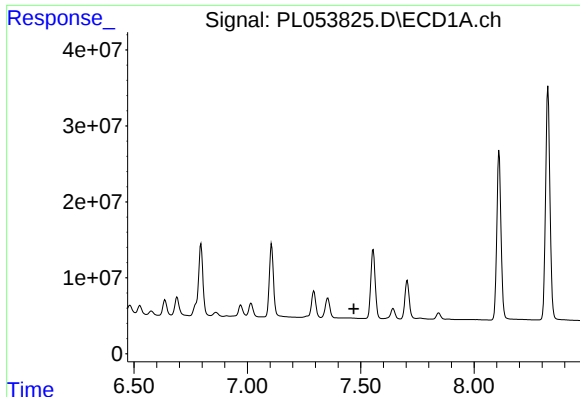
#21 Endrin ketone

R.T.: 7.293 min  
Delta R.T.: 0.018 min  
Response: 45933140  
Conc: 4.27 ng/ml



#21 Endrin ketone

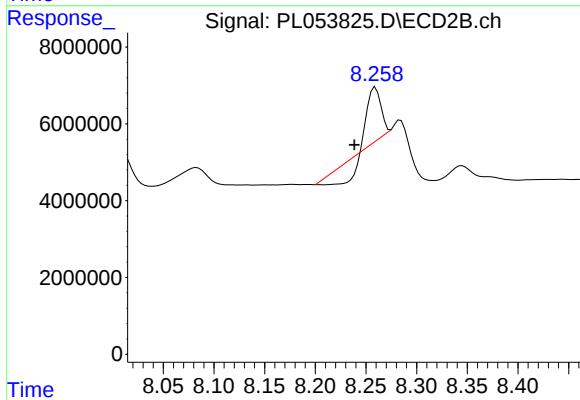
R.T.: 0.000 min  
Exp R.T.: 7.783 min  
Response: 0  
Conc: N.D.



#22 Mirex

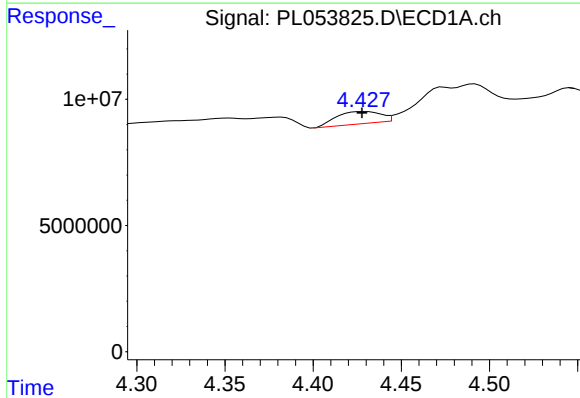
R.T.: 0.000 min  
Exp R.T.: 7.469 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



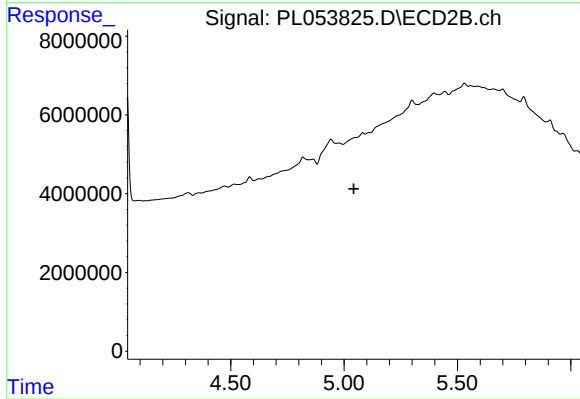
#22 Mirex

R.T.: 8.259 min  
Delta R.T.: 0.021 min  
Response: 4329129  
Conc: 2.14 ng/ml



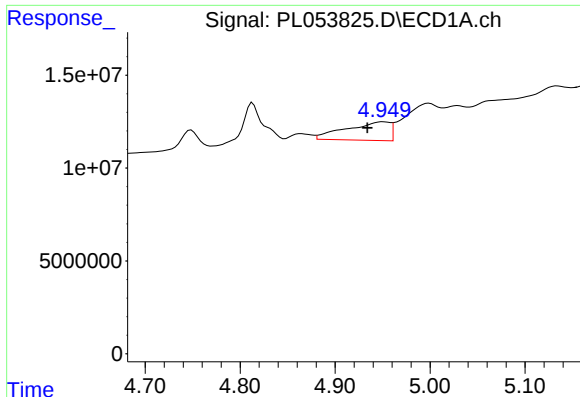
#23 Chlordane-1

R.T.: 4.429 min  
Delta R.T.: 0.002 min  
Response: 8447947  
Conc: 23.82 ng/ml



#23 Chlordane-1

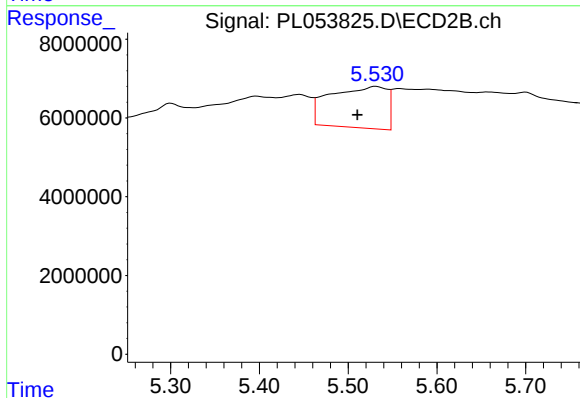
R.T.: 0.000 min  
Exp R.T.: 5.043 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

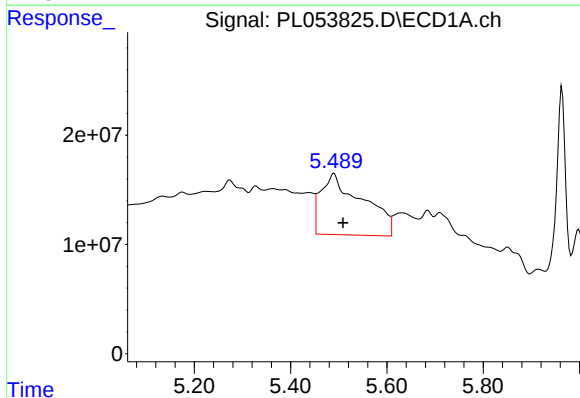
R.T.: 4.950 min  
Delta R.T.: 0.016 min  
Response: 31869408  
Conc: 82.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



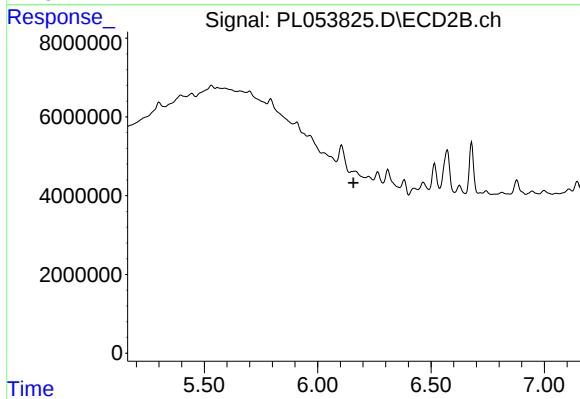
#24 Chlordane-2

R.T.: 5.531 min  
Delta R.T.: 0.021 min  
Response: 46688238  
Conc: 475.34 ng/ml



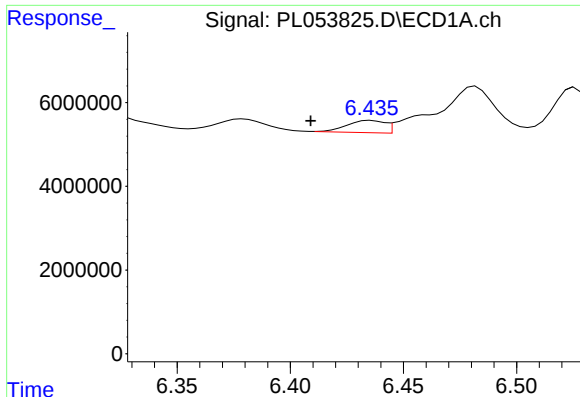
#25 Chlordane-3

R.T.: 5.490 min  
Delta R.T.: -0.019 min  
Response: 337090223  
Conc: 292.44 ng/ml



#25 Chlordane-3

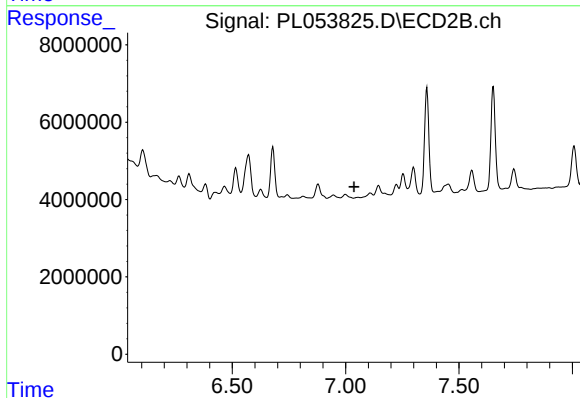
R.T.: 0.000 min  
Exp R.T.: 6.158 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

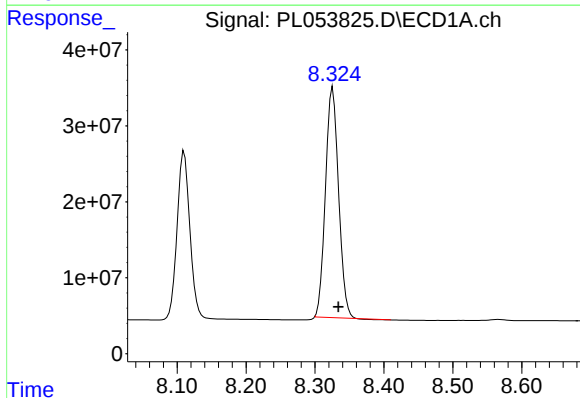
R.T.: 6.436 min  
Delta R.T.: 0.027 min  
Response: 3429183  
Conc: 9.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



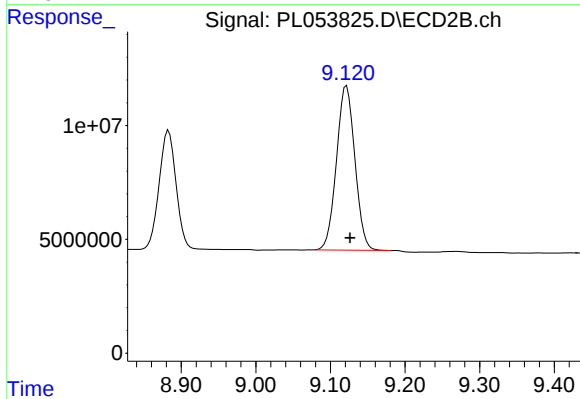
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.326 min  
Delta R.T.: -0.008 min  
Response: 399633397  
Conc: 40.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.122 min  
Delta R.T.: -0.005 min  
Response: 123702196  
Conc: 43.93 ng/ml