

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040121\  
 Data File : PL065777.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2021 14:38  
 Operator : AR\AJ  
 Sample : M1863-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 HP-640-EB

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 02 02:10:51 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL033121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 31 15:57:28 2021  
 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... | 3.279  | 3.781  | 45182634 | 42588910 | 17.344  | 15.515   |
| 28)                         | SA Decachlor... | 7.912  | 8.729  | 26468302 | 25828873 | 11.428  | 11.456   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.702  | 4.147f | 7260311  | 7190232  | 1.775   | 1.770    |
| 4)                          | MA Heptachlor   | 4.257  | 4.950f | 392939   | 7300751  | 0.109   | 2.069 #  |
| 5)                          | MB Aldrin       | 4.514f | 5.209f | 181206   | 2928763  | 0.053   | 0.887 #  |
| 7)                          | B delta-BHC     | 4.408  | 0.000  | 592320   | 0        | 0.165   | N.D. #   |
| 8)                          | B Heptachlo...  | 0.000  | 5.610  | 0        | 12565313 | N.D.    | 4.046 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.954  | 0        | 8852631  | N.D.    | 3.225 #  |
| 10)                         | B gamma-Chl...  | 5.155  | 5.822f | 9675133  | 1740724  | 3.074   | 0.580 #  |
| 11)                         | B alpha-Chl...  | 5.218  | 0.000  | 7304468  | 0        | 2.348   | N.D. #   |
| 12)                         | B 4,4'-DDE      | 5.394f | 6.071  | 1297872  | 457968   | 0.470   | 0.175 #  |
| 13)                         | MA Dieldrin     | 5.474f | 6.246f | 919024   | 23002    | 0.315   | 0.008 #  |
| 14)                         | MA Endrin       | 5.756  | 6.430  | 6863833  | 390853   | 2.542   | 0.157 #  |
| 15)                         | B Endosulfa...  | 6.040f | 6.642  | 5608816  | 5838616  | 2.258   | 2.470    |
| 16)                         | A 4,4'-DDD      | 5.891  | 0.000  | 15307425 | 0        | 6.746   | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.856  | 0        | 2183972  | N.D.    | 0.975 #  |
| 18)                         | B Endrin al...  | 6.189  | 6.787  | 231516   | 903404   | 0.122   | 0.476 #  |
| 19)                         | B Endosulfa...  | 6.390  | 6.975f | 1643583  | 2315740  | 0.637   | 0.955 #  |
| 20)                         | A Methoxychlor  | 0.000  | 7.345f | 0        | 24642038 | N.D.    | 19.456 # |
| 21)                         | B Endrin ke...  | 0.000  | 7.451  | 0        | 5278064  | N.D.    | 2.053 #  |
| 22)                         | Mirex           | 0.000  | 7.897  | 0        | 2093602  | N.D.    | 1.073 #  |
| 24)                         | Chlordane-2     | 4.625f | 5.209  | 28789699 | 2928763  | 250.490 | 25.593 # |
| 25)                         | Chlordane-3     | 5.155  | 5.822f | 9675133  | 1740724  | 31.129  | 4.095 #  |
| 26)                         | Chlordane-4     | 5.218  | 0.000  | 7304468  | 0        | 25.584  | N.D. #   |
| 27)                         | Chlordane-5     | 6.040f | 0.000  | 5608816  | 0        | 54.836  | N.D. #   |
| -----                       |                 |        |        |          |          |         |          |

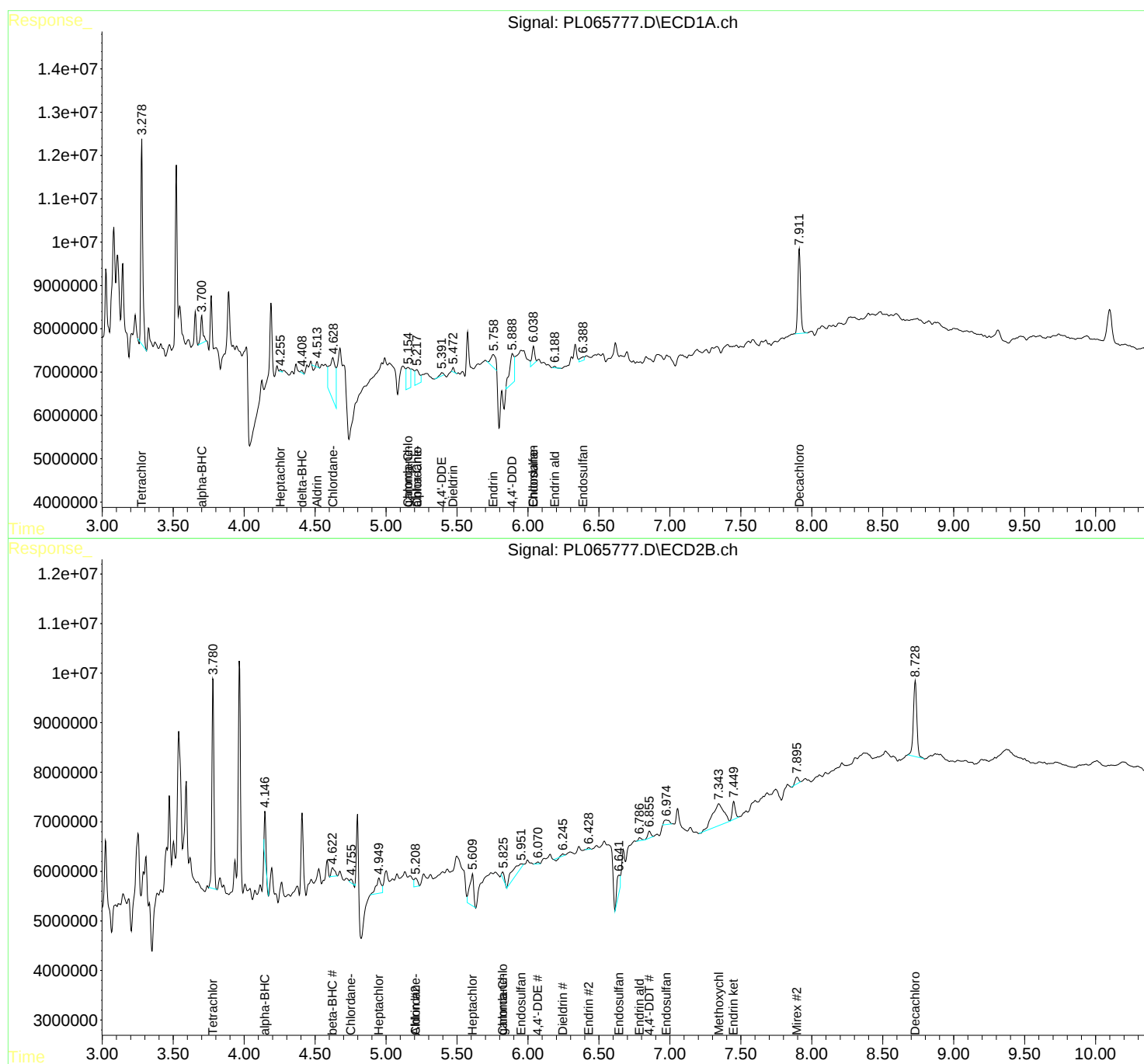
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

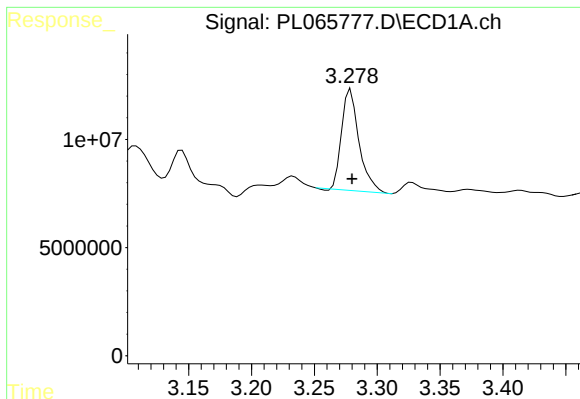
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040121\  
 Data File : PL065777.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2021 14:38  
 Operator : AR\AJ  
 Sample : M1863-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampled :  
 HP-640-EB

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 02 02:10:51 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL033121.M  
 Quant Title : GC Extractables  
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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

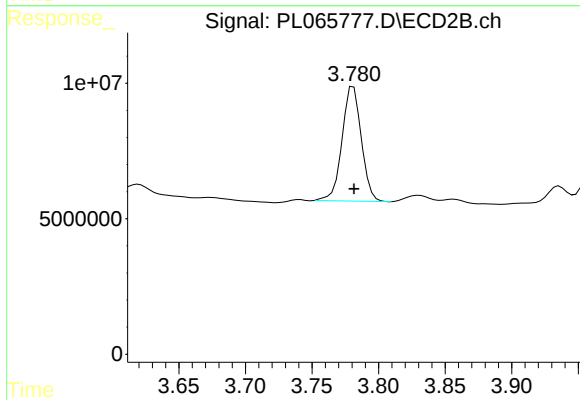




#1 Tetrachloro-m-xylene

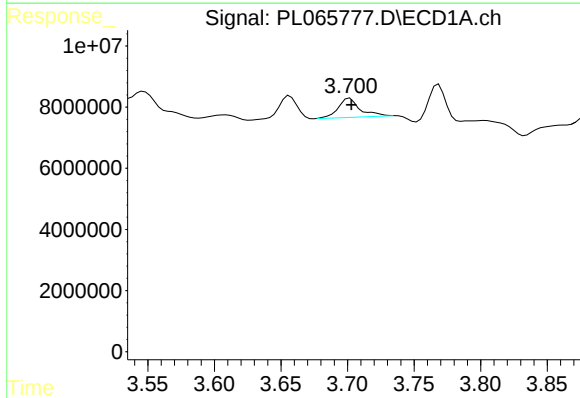
R.T.: 3.279 min  
Delta R.T.: -0.001 min  
Response: 45182634  
Conc: 17.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HP-640-EB



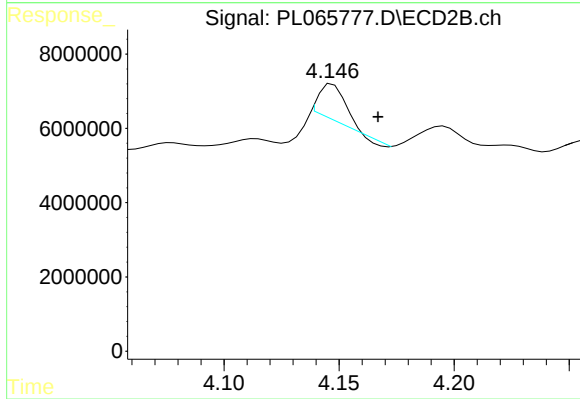
#1 Tetrachloro-m-xylene

R.T.: 3.781 min  
Delta R.T.: 0.000 min  
Response: 42588910  
Conc: 15.52 ng/ml



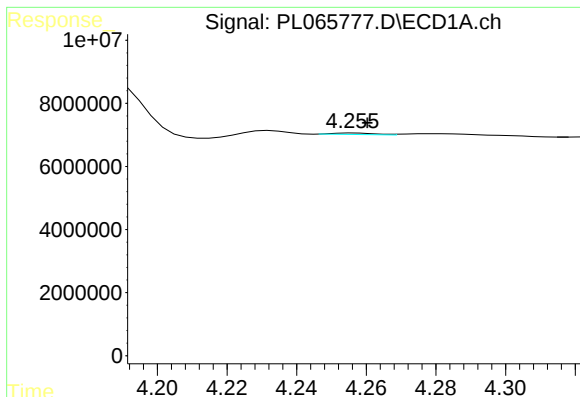
#2 alpha-BHC

R.T.: 3.702 min  
Delta R.T.: -0.001 min  
Response: 7260311  
Conc: 1.78 ng/ml



#2 alpha-BHC

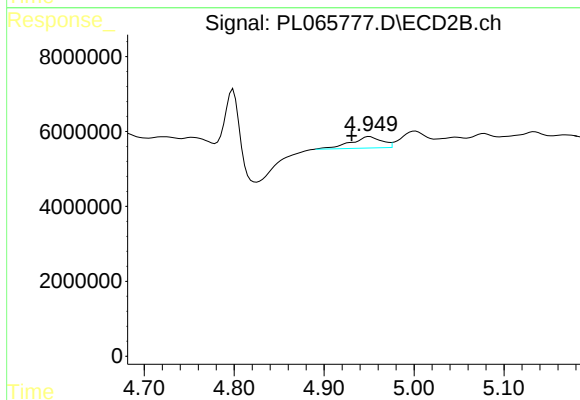
R.T.: 4.147 min  
Delta R.T.: -0.020 min  
Response: 7190232  
Conc: 1.77 ng/ml



#4 Heptachlor

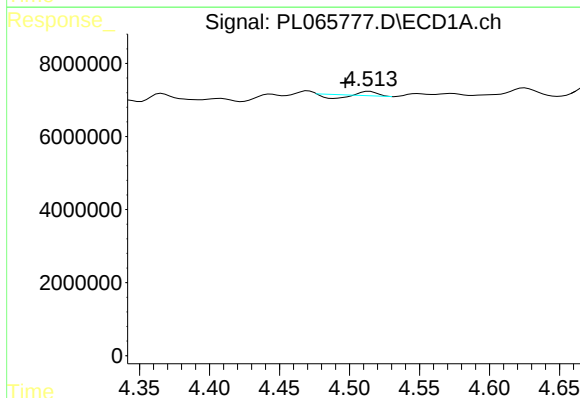
R.T.: 4.257 min  
Delta R.T.: -0.004 min  
Response: 392939  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HP-640-EB



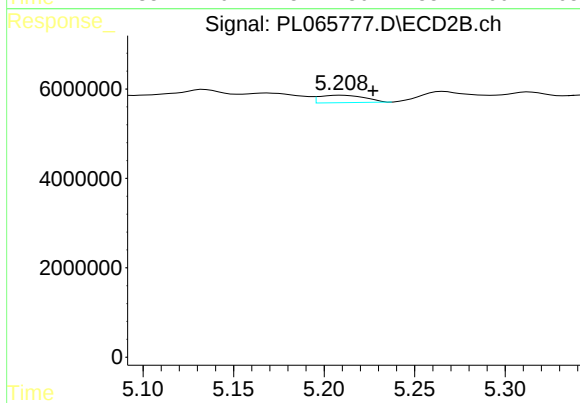
#4 Heptachlor

R.T.: 4.950 min  
Delta R.T.: 0.020 min  
Response: 7300751  
Conc: 2.07 ng/ml



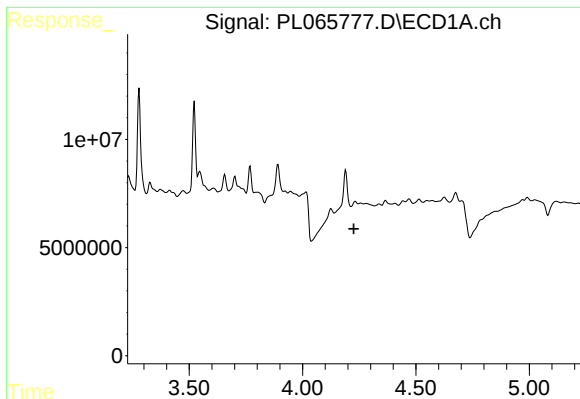
#5 Aldrin

R.T.: 4.514 min  
Delta R.T.: 0.017 min  
Response: 181206  
Conc: 0.05 ng/ml



#5 Aldrin

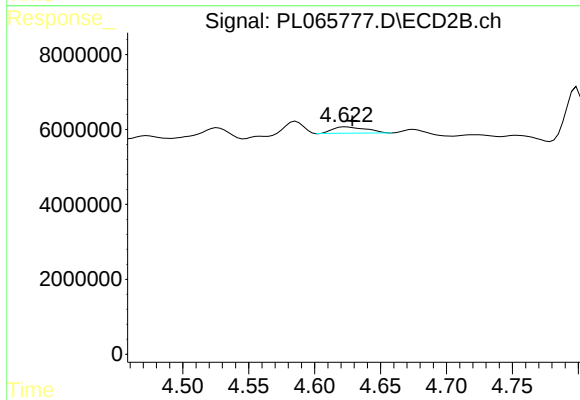
R.T.: 5.209 min  
Delta R.T.: -0.017 min  
Response: 2928763  
Conc: 0.89 ng/ml



#6 beta-BHC

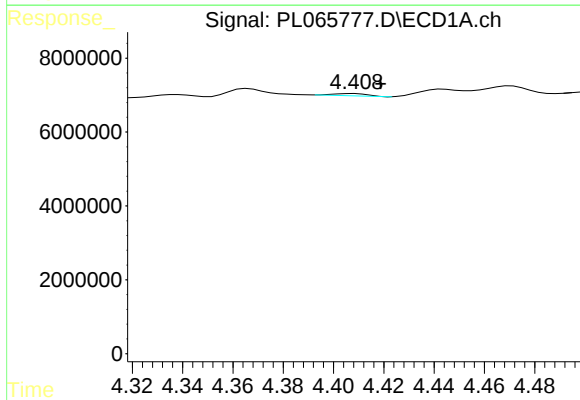
R.T.: 4.232 min  
Delta R.T.: 0.006 min  
Response: -3555160  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HP-640-EB



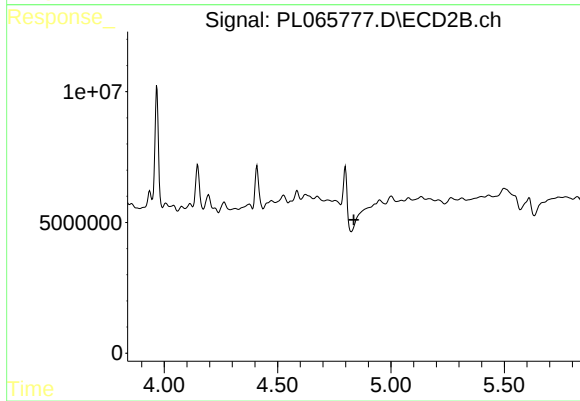
#6 beta-BHC

R.T.: 4.624 min  
Delta R.T.: -0.005 min  
Response: 2976647  
Conc: 1.71 ng/ml



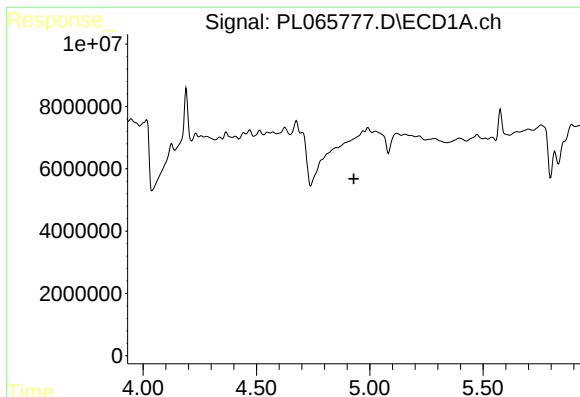
#7 delta-BHC

R.T.: 4.408 min  
Delta R.T.: -0.011 min  
Response: 592320  
Conc: 0.16 ng/ml



#7 delta-BHC

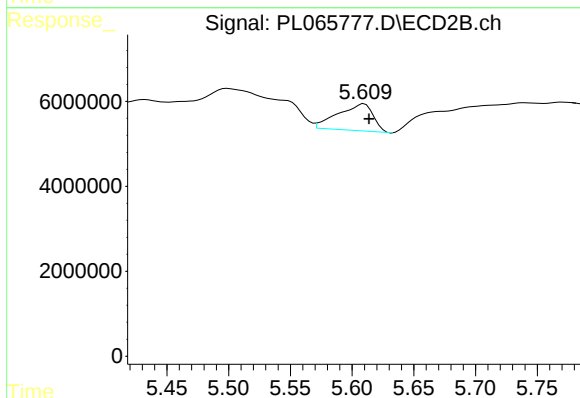
R.T.: 0.000 min  
Exp R.T.: 4.836 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

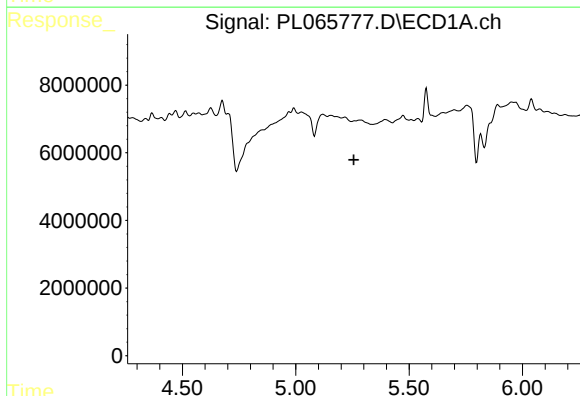
R.T.: 0.000 min  
Exp R.T.: 4.929 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HP-640-EB



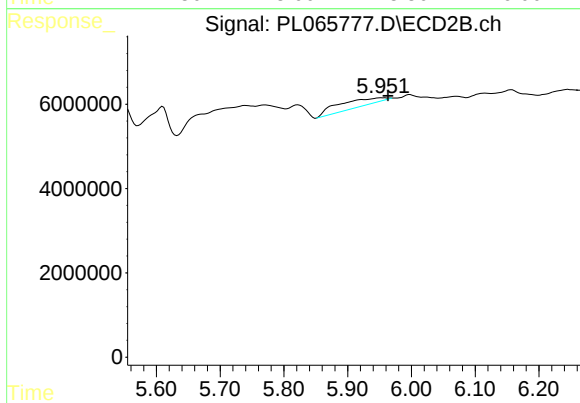
#8 Heptachlor epoxide

R.T.: 5.610 min  
Delta R.T.: -0.004 min  
Response: 12565313  
Conc: 4.05 ng/ml



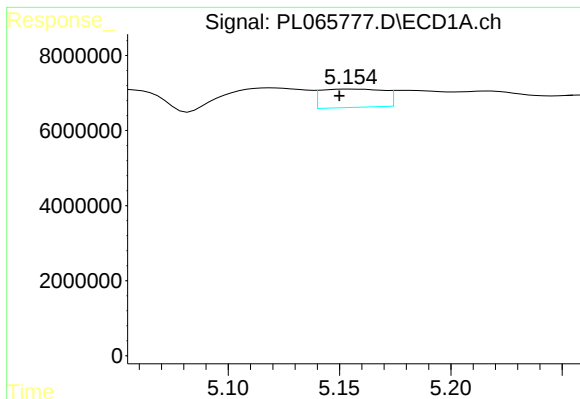
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 5.255 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

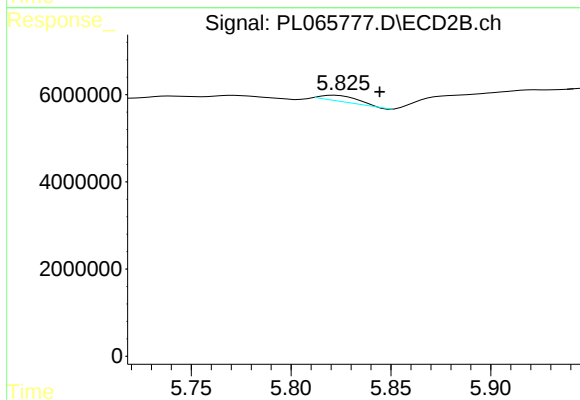
R.T.: 5.954 min  
Delta R.T.: -0.010 min  
Response: 8852631  
Conc: 3.22 ng/ml



#10 gamma-Chlordane

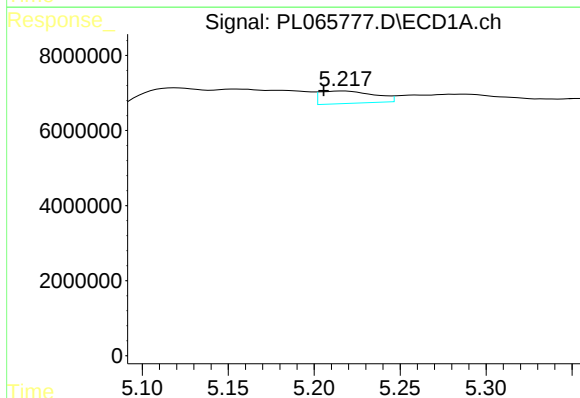
R.T.: 5.155 min  
Delta R.T.: 0.005 min  
Response: 9675133  
Conc: 3.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HP-640-EB



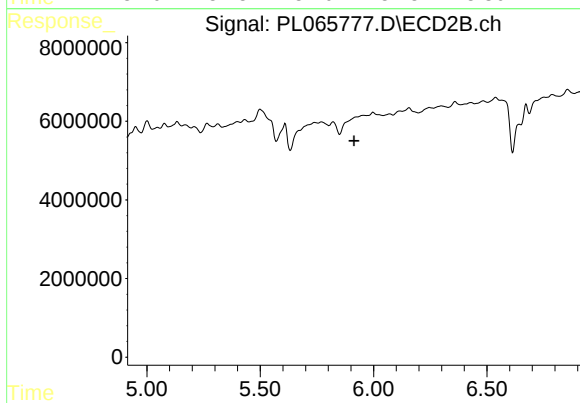
#10 gamma-Chlordane

R.T.: 5.822 min  
Delta R.T.: -0.022 min  
Response: 1740724  
Conc: 0.58 ng/ml



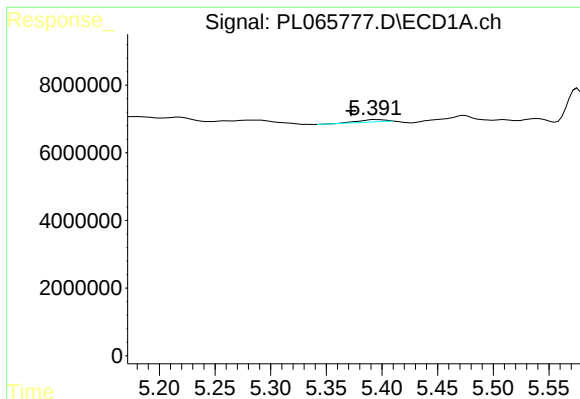
#11 alpha-Chlordane

R.T.: 5.218 min  
Delta R.T.: 0.012 min  
Response: 7304468  
Conc: 2.35 ng/ml



#11 alpha-Chlordane

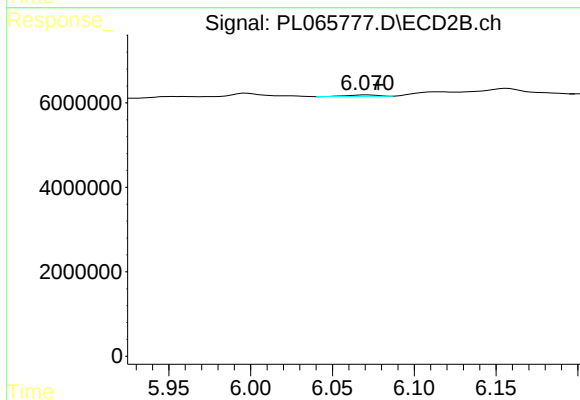
R.T.: 0.000 min  
Exp R.T.: 5.914 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

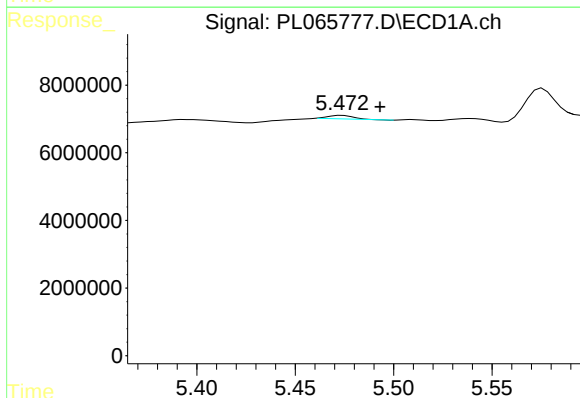
R.T.: 5.394 min  
Delta R.T.: 0.022 min  
Response: 1297872  
Conc: 0.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HP-640-EB



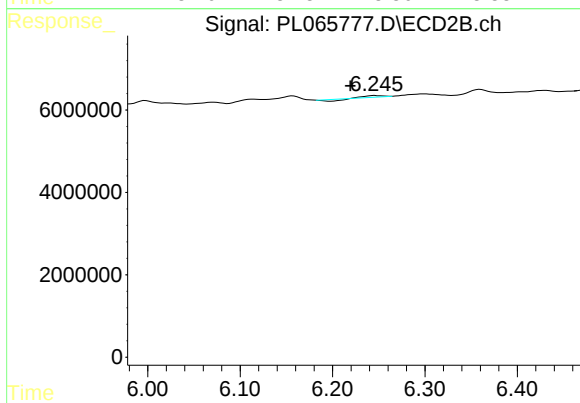
#12 4,4'-DDE

R.T.: 6.071 min  
Delta R.T.: -0.007 min  
Response: 457968  
Conc: 0.18 ng/ml



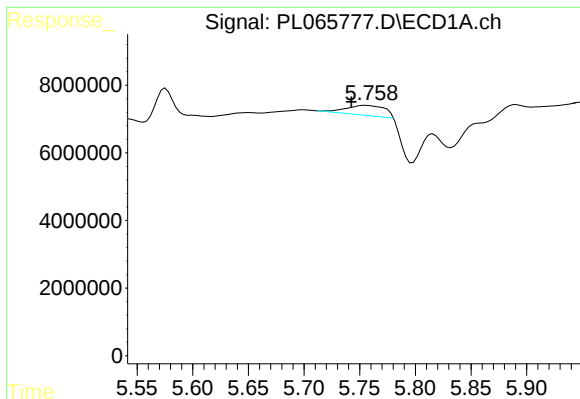
#13 Dieldrin

R.T.: 5.474 min  
Delta R.T.: -0.019 min  
Response: 919024  
Conc: 0.31 ng/ml



#13 Dieldrin

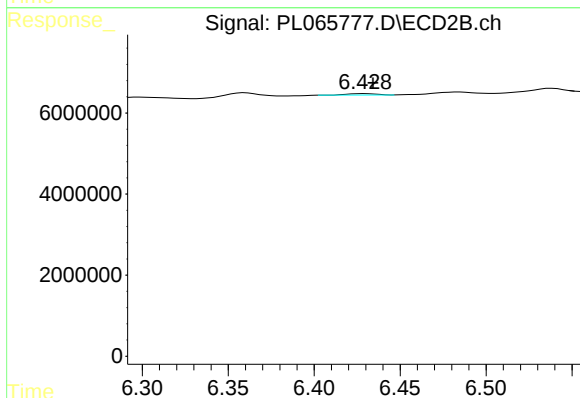
R.T.: 6.246 min  
Delta R.T.: 0.027 min  
Response: 23002  
Conc: 0.01 ng/ml



#14 Endrin

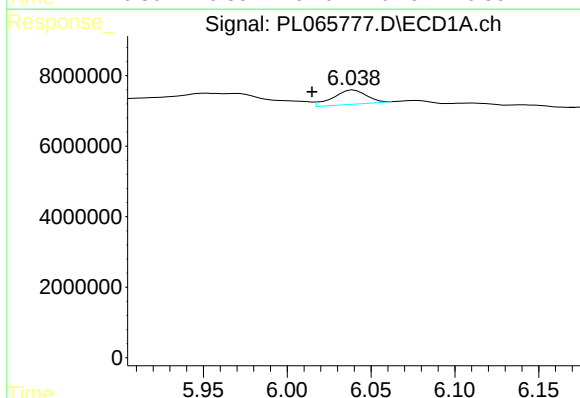
R.T.: 5.756 min  
Delta R.T.: 0.014 min  
Response: 6863833  
Conc: 2.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HP-640-EB



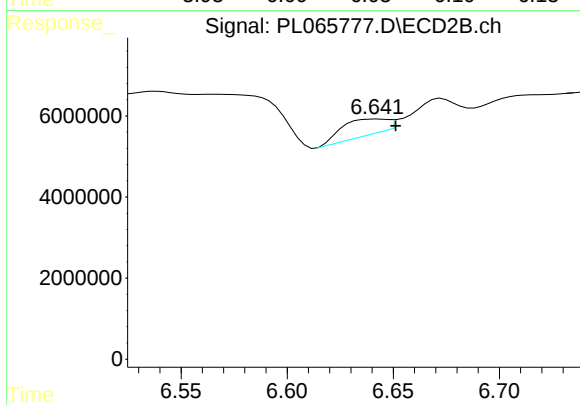
#14 Endrin

R.T.: 6.430 min  
Delta R.T.: -0.004 min  
Response: 390853  
Conc: 0.16 ng/ml



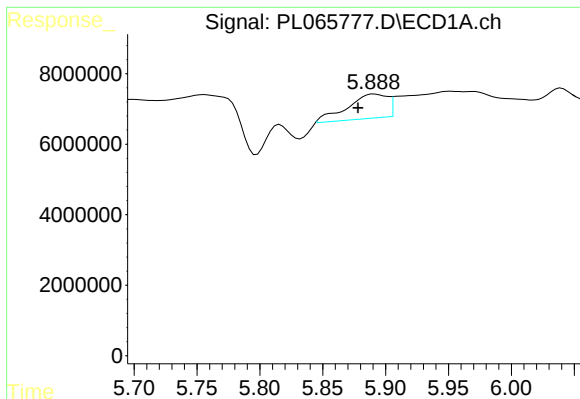
#15 Endosulfan II

R.T.: 6.040 min  
Delta R.T.: 0.025 min  
Response: 5608816  
Conc: 2.26 ng/ml



#15 Endosulfan II

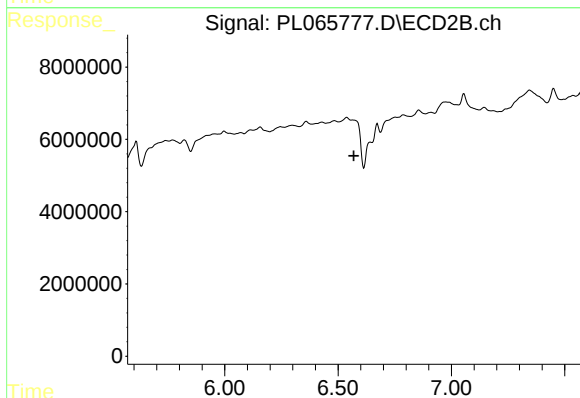
R.T.: 6.642 min  
Delta R.T.: -0.009 min  
Response: 5838616  
Conc: 2.47 ng/ml



#16 4,4'-DDD

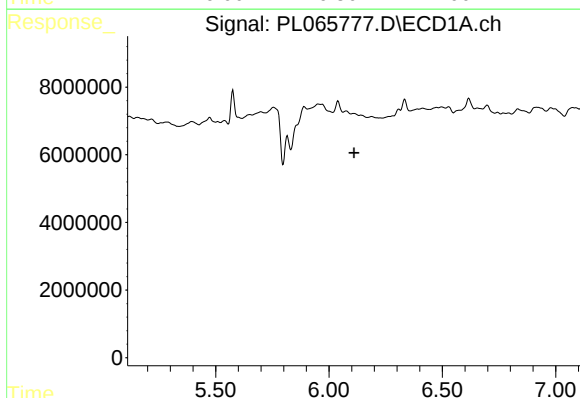
R.T.: 5.891 min  
Delta R.T.: 0.013 min  
Response: 15307425  
Conc: 6.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HP-640-EB



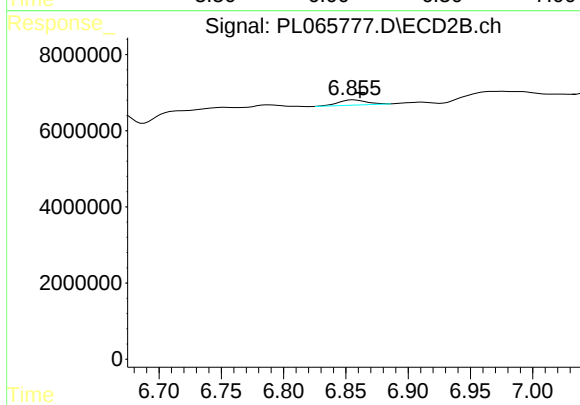
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.569 min  
Response: 0  
Conc: N.D.



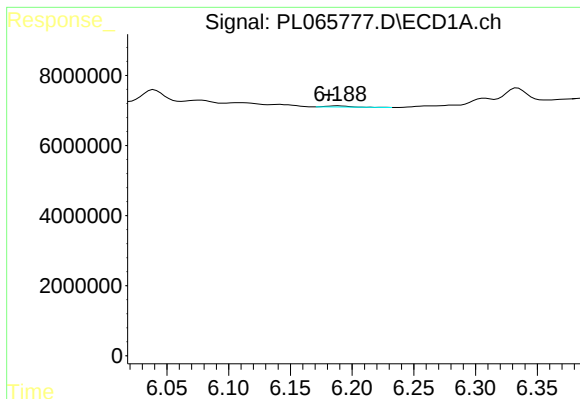
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.111 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

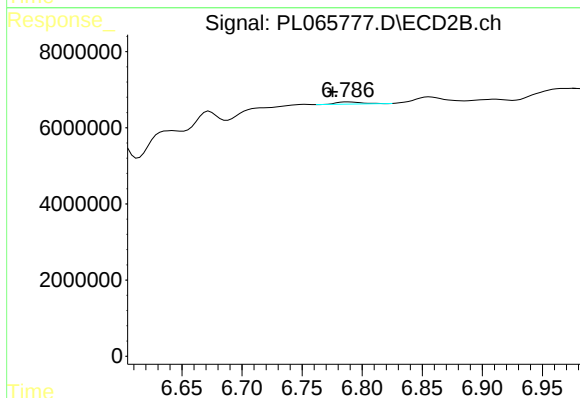
R.T.: 6.856 min  
Delta R.T.: -0.005 min  
Response: 2183972  
Conc: 0.98 ng/ml



#18 Endrin aldehyde

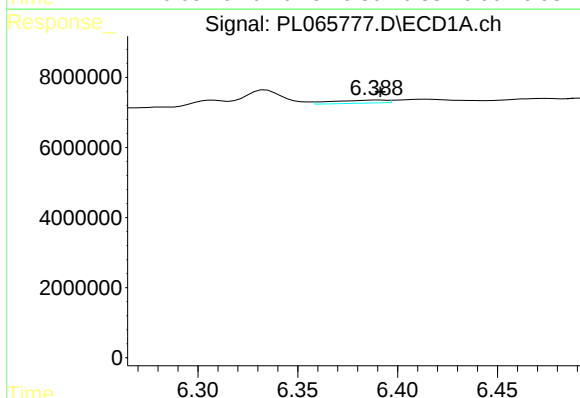
R.T.: 6.189 min  
Delta R.T.: 0.008 min  
Response: 231516  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HP-640-EB



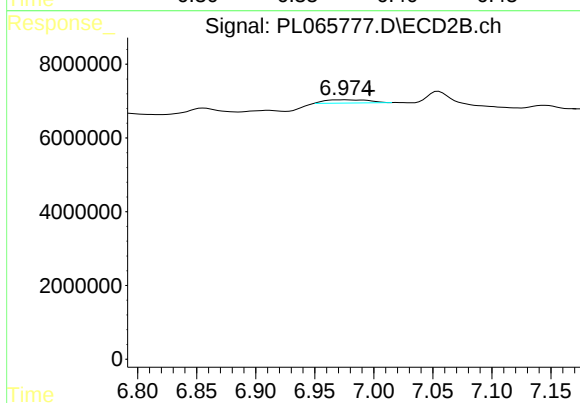
#18 Endrin aldehyde

R.T.: 6.787 min  
Delta R.T.: 0.012 min  
Response: 903404  
Conc: 0.48 ng/ml



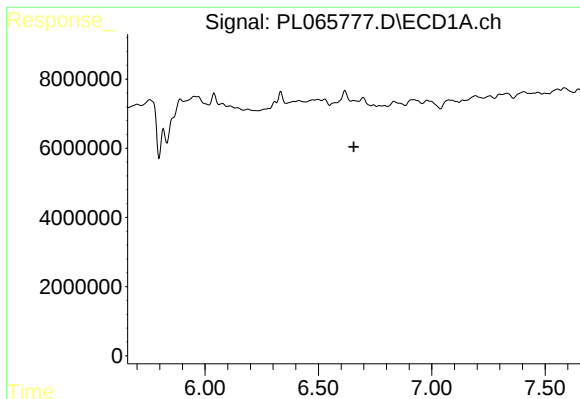
#19 Endosulfan Sulfate

R.T.: 6.390 min  
Delta R.T.: 0.000 min  
Response: 1643583  
Conc: 0.64 ng/ml



#19 Endosulfan Sulfate

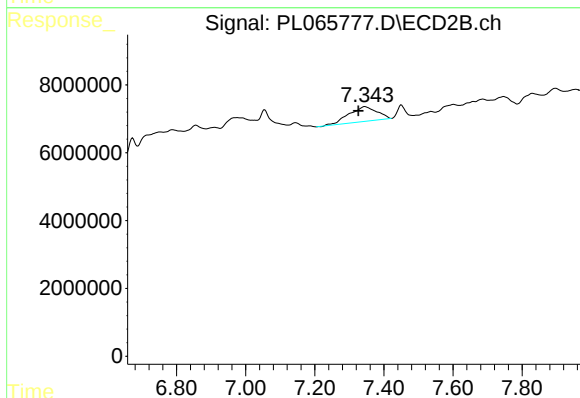
R.T.: 6.975 min  
Delta R.T.: -0.021 min  
Response: 2315740  
Conc: 0.95 ng/ml



#20 Methoxychlor

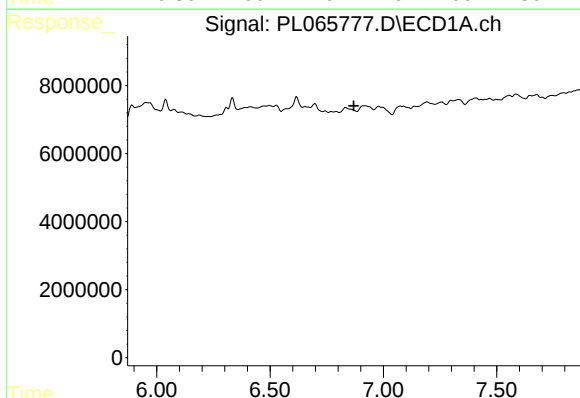
R.T.: 0.000 min  
Exp R.T.: 6.656 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HP-640-EB



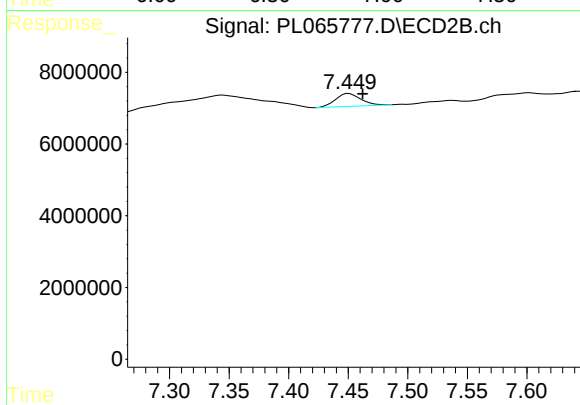
#20 Methoxychlor

R.T.: 7.345 min  
Delta R.T.: 0.018 min  
Response: 24642038  
Conc: 19.46 ng/ml



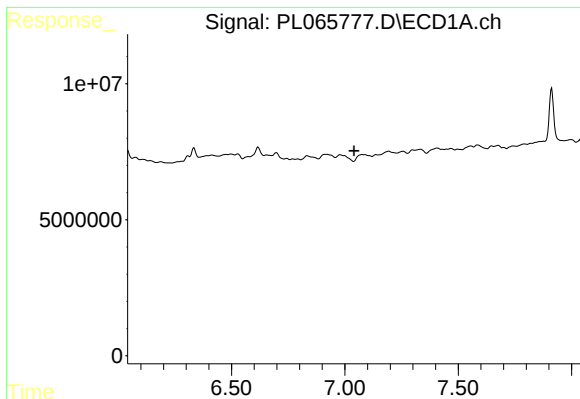
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 6.870 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

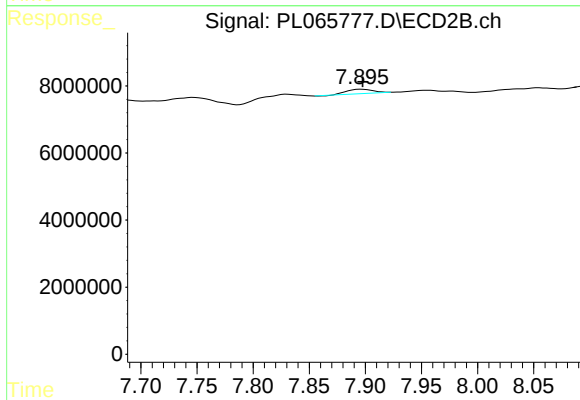
R.T.: 7.451 min  
Delta R.T.: -0.012 min  
Response: 5278064  
Conc: 2.05 ng/ml



#22 Mirex

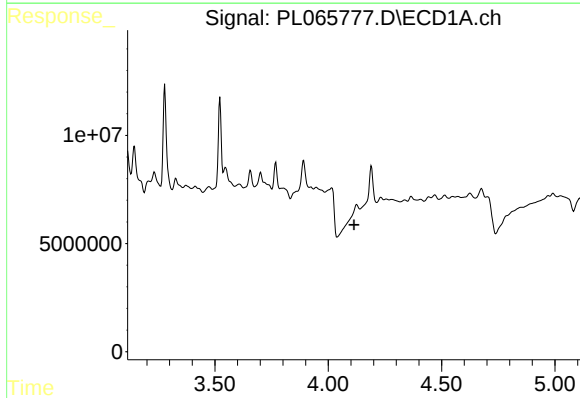
R.T.: 0.000 min  
Exp R.T.: 7.041 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HP-640-EB



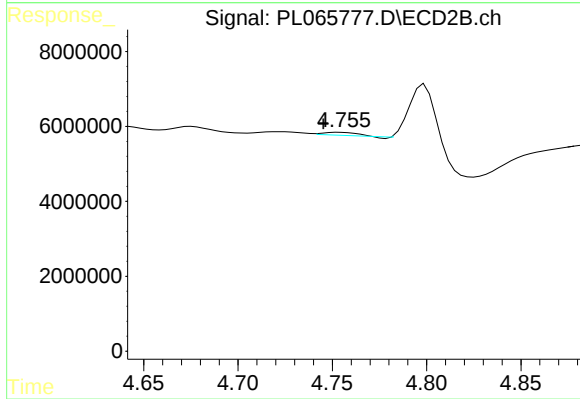
#22 Mirex

R.T.: 7.897 min  
Delta R.T.: 0.000 min  
Response: 2093602  
Conc: 1.07 ng/ml



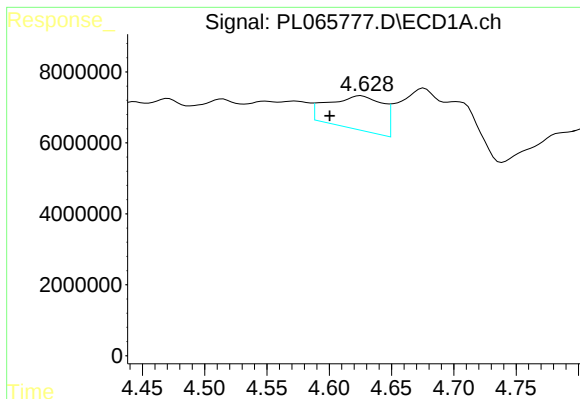
#23 Chlordane-1

R.T.: 4.125 min  
Delta R.T.: 0.012 min  
Response: -58868940  
Conc: N.D.



#23 Chlordane-1

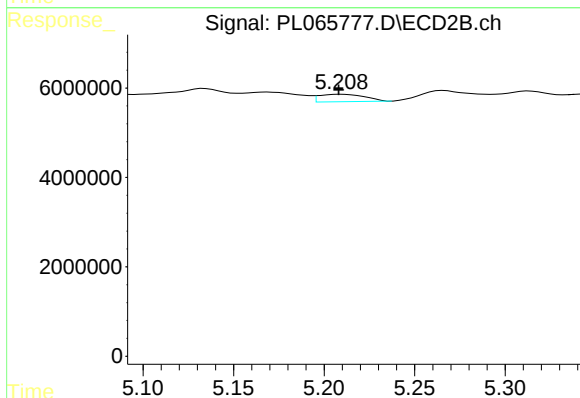
R.T.: 4.754 min  
Delta R.T.: 0.009 min  
Response: 728429  
Conc: 6.60 ng/ml



#24 Chlordane-2

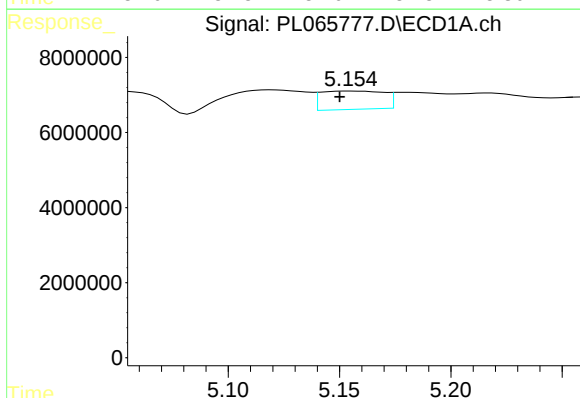
R.T.: 4.625 min  
Delta R.T.: 0.025 min  
Response: 28789699  
Conc: 250.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HP-640-EB



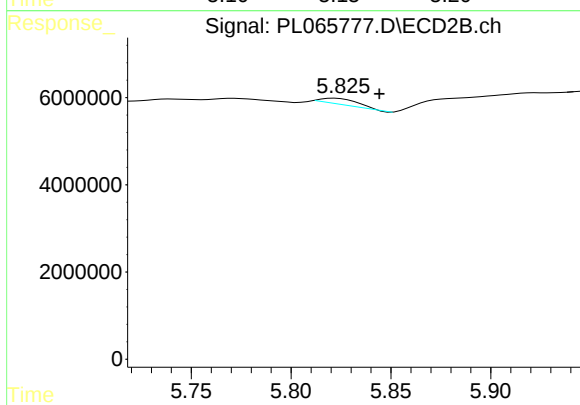
#24 Chlordane-2

R.T.: 5.209 min  
Delta R.T.: 0.001 min  
Response: 2928763  
Conc: 25.59 ng/ml



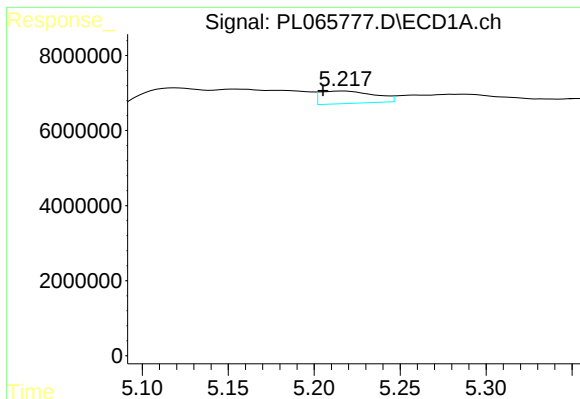
#25 Chlordane-3

R.T.: 5.155 min  
Delta R.T.: 0.005 min  
Response: 9675133  
Conc: 31.13 ng/ml



#25 Chlordane-3

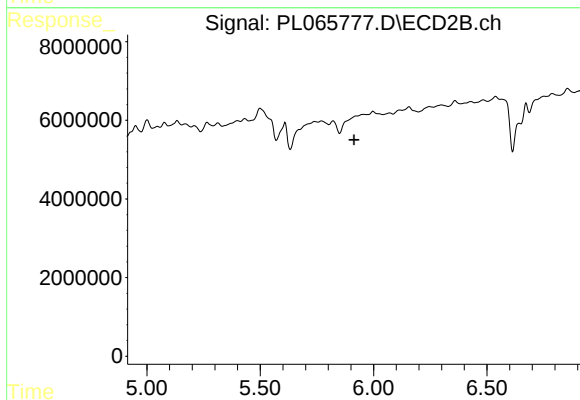
R.T.: 5.822 min  
Delta R.T.: -0.022 min  
Response: 1740724  
Conc: 4.10 ng/ml



#26 Chlordane-4

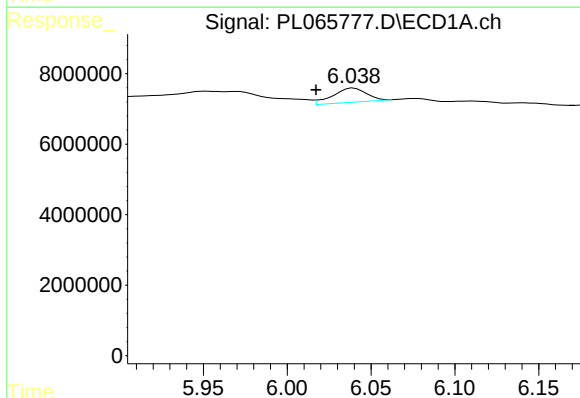
R.T.: 5.218 min  
Delta R.T.: 0.013 min  
Response: 7304468  
Conc: 25.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HP-640-EB



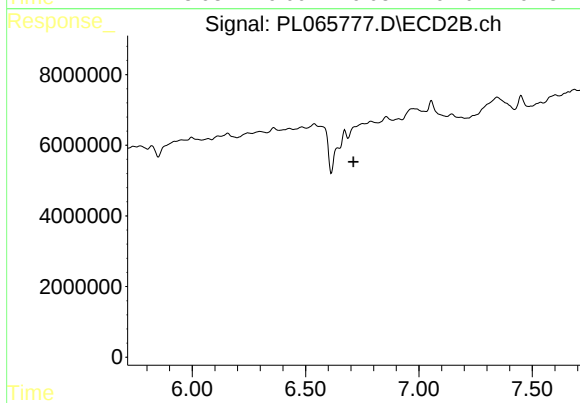
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 5.914 min  
Response: 0  
Conc: N.D.



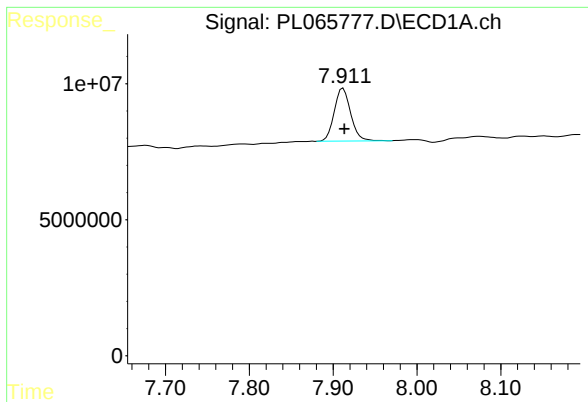
#27 Chlordane-5

R.T.: 6.040 min  
Delta R.T.: 0.023 min  
Response: 5608816  
Conc: 54.84 ng/ml



#27 Chlordane-5

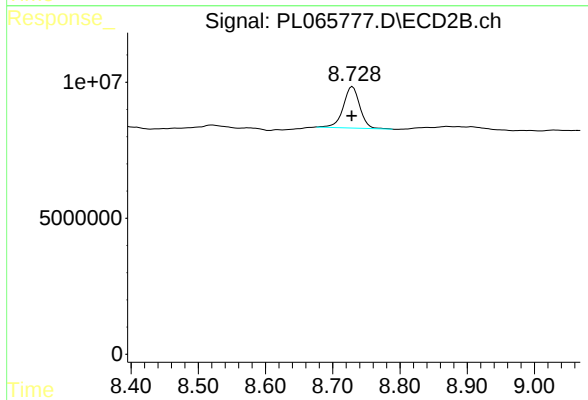
R.T.: 0.000 min  
Exp R.T. : 6.712 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.912 min  
Delta R.T.: -0.002 min  
Response: 26468302  
Conc: 11.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HP-640-EB



#28 Decachlorobiphenyl

R.T.: 8.729 min  
Delta R.T.: 0.001 min  
Response: 25828873  
Conc: 11.46 ng/ml