

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011520\  
 Data File : PL055777.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jan 2020 18:48  
 Operator : AJ\MA  
 Sample : L1126-07  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 FB-01142020

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 16 00:40:40 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 10 00:58:33 2020  
 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... | 3.492  | 3.969  | 204.5E6  | 65129329 | 22.135  | 24.585    |
| 28)                         | SA Decachlor... | 8.237  | 8.961  | 89818072 | 14783084 | 10.228  | 7.110 #   |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.918  | 0.000  | 24074892 | 0        | 1.523   | N.D. #    |
| 3)                          | MA gamma-BHC... | 4.212  | 4.615f | 4999.8E6 | 83657238 | 338.475 | 22.502 #  |
| 4)                          | MA Heptachlor   | 4.517  | 0.000  | 56151108 | 0        | 3.925   | N.D. #    |
| 5)                          | MB Aldrin       | 4.762  | 5.434  | 8171542  | 4984350  | 0.582   | 1.598 #   |
| 6)                          | B beta-BHC      | 4.470  | 4.820f | 27360340 | 461209   | 4.477   | 0.302 #   |
| 7)                          | B delta-BHC     | 4.664  | 5.040f | 11569373 | 2249950  | 0.809   | 0.733     |
| 8)                          | B Heptachlor... | 0.000  | 5.796f | 0        | 17724422 | N.D.    | 6.032 #   |
| 9)                          | A Endosulfan I  | 5.534  | 6.161  | 22654594 | 9136422  | 1.834   | 3.451 #   |
| 10)                         | B gamma-Chl...  | 0.000  | 6.048  | 0        | 24802966 | N.D.    | 8.810 #   |
| 11)                         | B alpha-Chl...  | 5.477  | 6.118  | 293.9E6  | 78937743 | 22.382  | 28.084 #  |
| 12)                         | B 4,4'-DDE      | 5.675f | 0.000  | 32523886 | 0        | 2.616   | N.D. #    |
| 13)                         | MA Dieldrin     | 5.787  | 0.000  | 72481246 | 0        | 5.529   | N.D. #    |
| 14)                         | MA Endrin       | 6.043  | 6.663f | 87017552 | 7986429  | 7.535   | 3.542 #   |
| 15)                         | B Endosulfa...  | 6.323  | 6.850  | 43708137 | 15237600 | 4.052   | 6.343 #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.060  | 0        | 3361071  | N.D.    | 1.705 #   |
| 18)                         | B Endrin al...  | 6.486  | 6.966  | 3518238  | 22252652 | 0.373   | 10.959 #  |
| 19)                         | B Endosulfa...  | 6.713f | 0.000  | 57413486 | 0        | 5.869   | N.D. #    |
| 20)                         | A Methoxychlor  | 6.962  | 0.000  | 3887815  | 0        | 0.906   | N.D. #    |
| 21)                         | B Endrin ke...  | 7.164f | 7.675f | 67287566 | 4104413  | 5.936   | 1.724 #   |
| 22)                         | Mirex           | 7.393f | 0.000  | 164.0E6  | 0        | 23.951  | N.D. #    |
| 23)                         | Chlordane-1     | 4.363  | 4.921f | 71898033 | 17966020 | 207.869 | 194.410   |
| 24)                         | Chlordane-2     | 4.870  | 5.398  | 20570507 | 8520245  | 50.577  | 88.864 #  |
| 25)                         | Chlordane-3     | 0.000  | 6.048  | 0        | 24802966 | N.D.    | 72.625 #  |
| 26)                         | Chlordane-4     | 5.477  | 6.118  | 293.9E6  | 78937743 | 300.985 | 196.794 # |
| 27)                         | Chlordane-5     | 6.323  | 6.904  | 43708137 | 12058468 | 121.419 | 171.800 # |
| -----                       |                 |        |        |          |          |         |           |

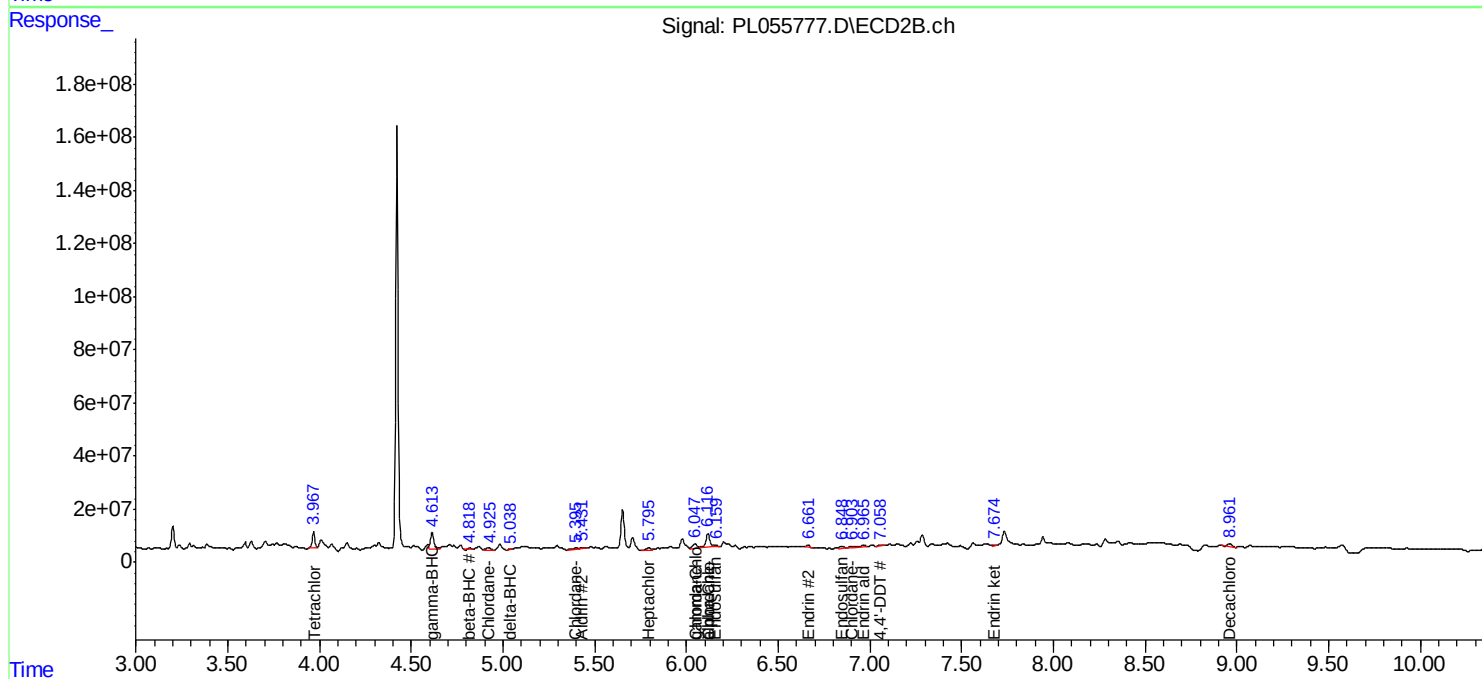
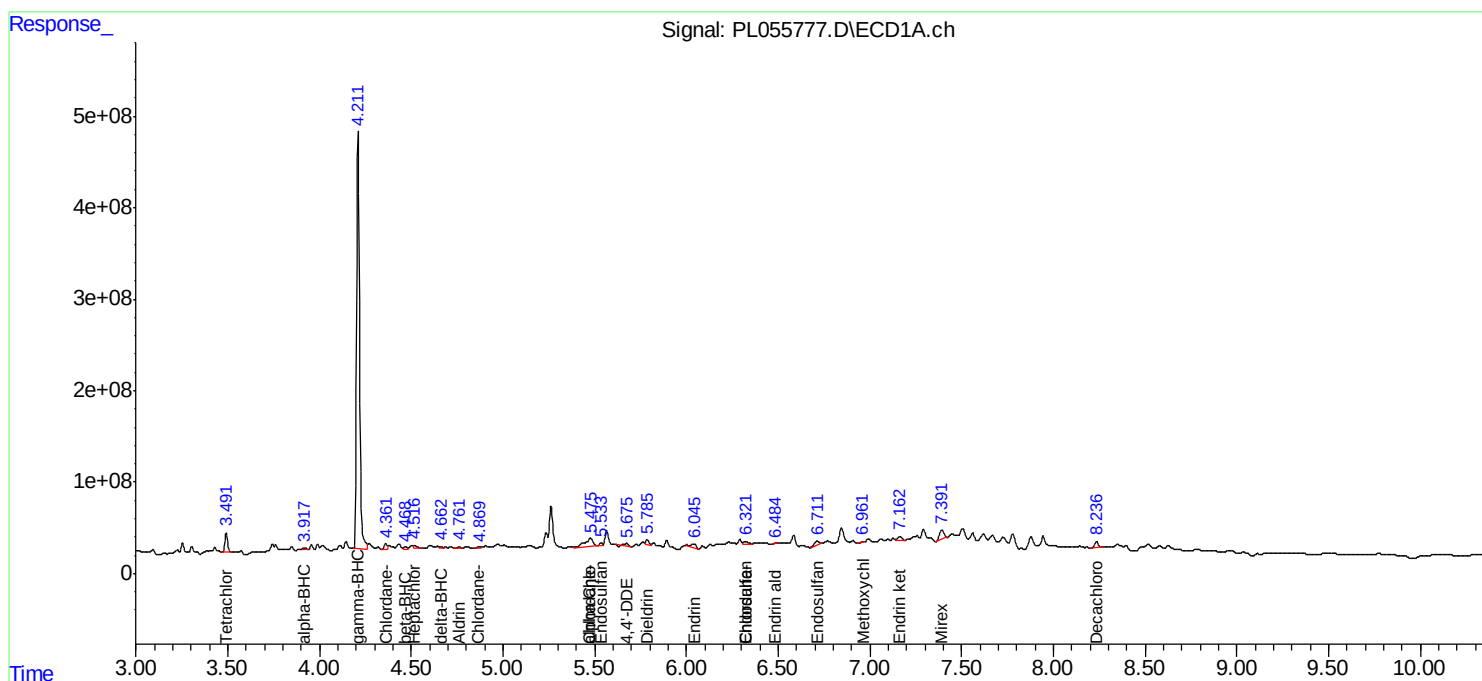
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

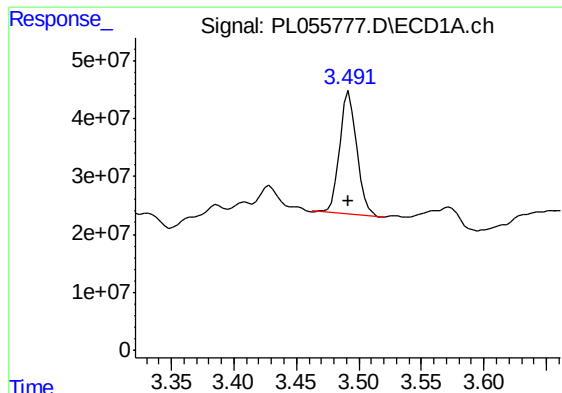
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011520\  
Data File : PL055777.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jan 2020 18:48  
Operator : AJ\MA  
Sample : L1126-07  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
FB-01142020

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 16 00:40:40 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 10 00:58:33 2020  
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

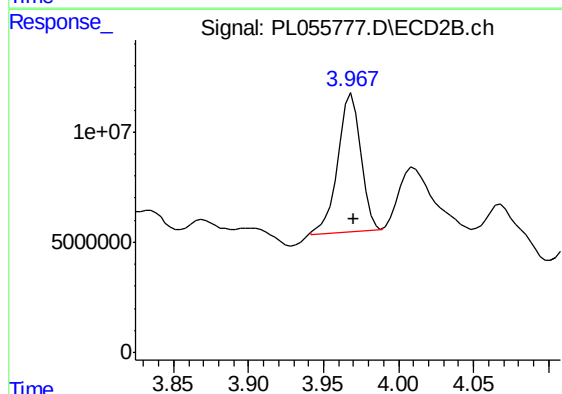




#1 Tetrachloro-m-xylene

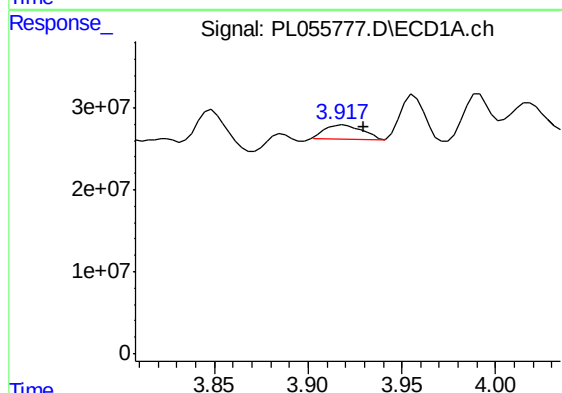
R.T.: 3.492 min  
Delta R.T.: 0.000 min  
Response: 204545748  
Conc: 22.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FB-01142020



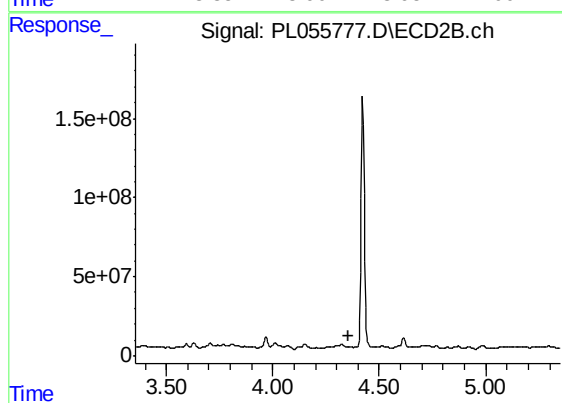
#1 Tetrachloro-m-xylene

R.T.: 3.969 min  
Delta R.T.: 0.000 min  
Response: 65129329  
Conc: 24.59 ng/ml



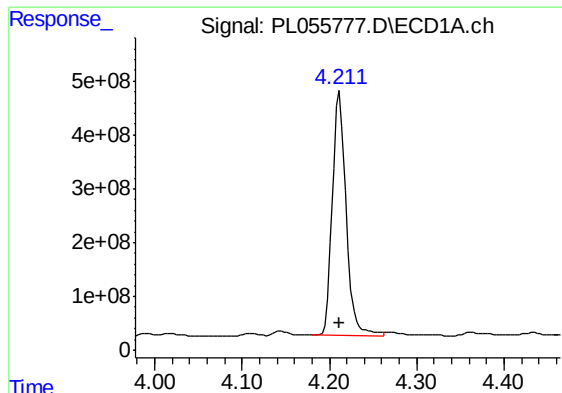
#2 alpha-BHC

R.T.: 3.918 min  
Delta R.T.: -0.011 min  
Response: 24074892  
Conc: 1.52 ng/ml



#2 alpha-BHC

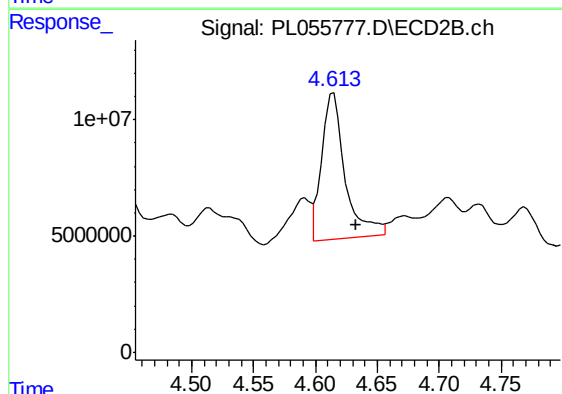
R.T.: 0.000 min  
Exp R.T. : 4.354 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

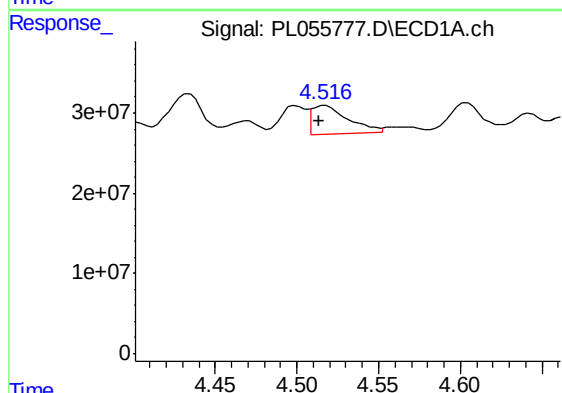
R.T.: 4.212 min  
Delta R.T.: 0.000 min  
Response: 4999802271  
Conc: 338.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FB-01142020



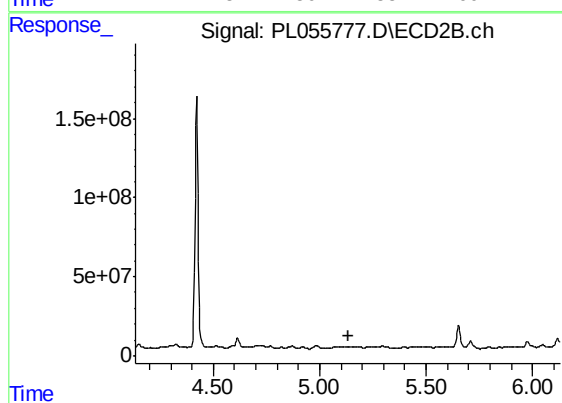
#3 gamma-BHC (Lindane)

R.T.: 4.615 min  
Delta R.T.: -0.019 min  
Response: 83657238  
Conc: 22.50 ng/ml



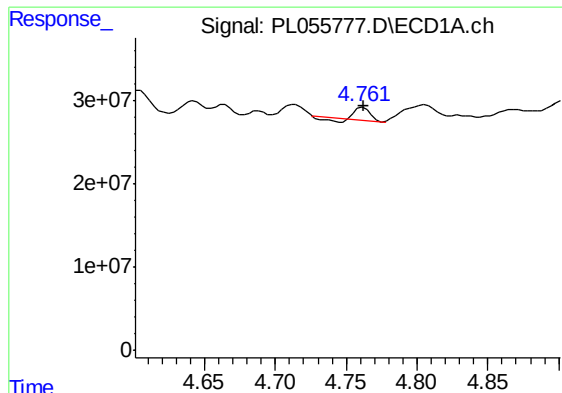
#4 Heptachlor

R.T.: 4.517 min  
Delta R.T.: 0.003 min  
Response: 56151108  
Conc: 3.93 ng/ml



#4 Heptachlor

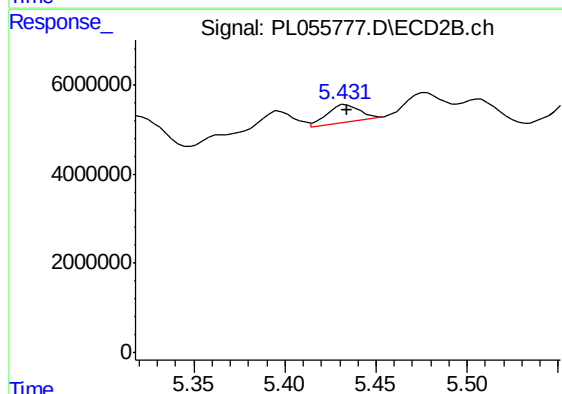
R.T.: 0.000 min  
Exp R.T. : 5.134 min  
Response: 0  
Conc: N.D.



#5 Aldrin

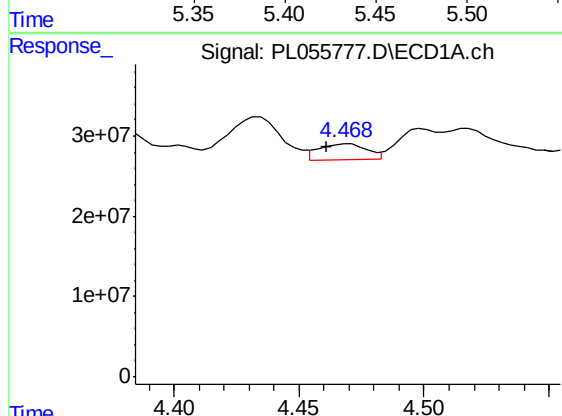
R.T.: 4.762 min  
Delta R.T.: 0.000 min  
Response: 8171542  
Conc: 0.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FB-01142020



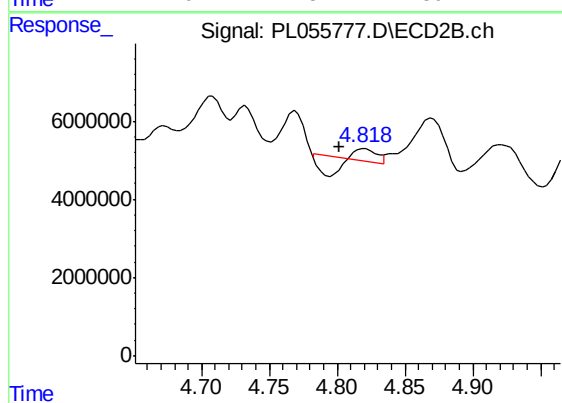
#5 Aldrin

R.T.: 5.434 min  
Delta R.T.: 0.000 min  
Response: 4984350  
Conc: 1.60 ng/ml



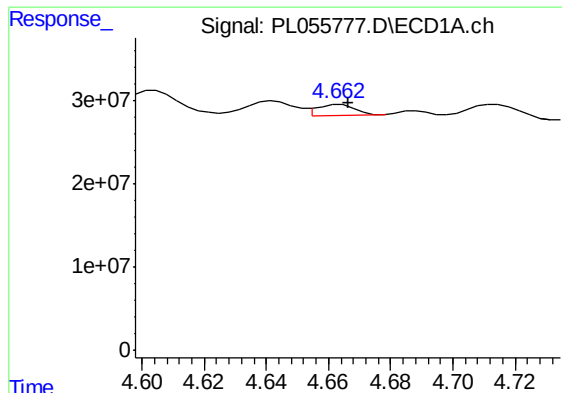
#6 beta-BHC

R.T.: 4.470 min  
Delta R.T.: 0.008 min  
Response: 27360340  
Conc: 4.48 ng/ml



#6 beta-BHC

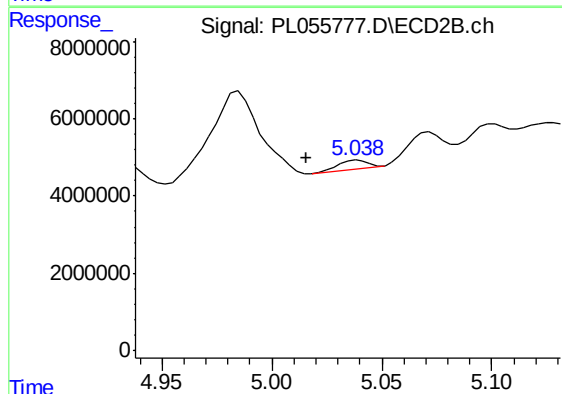
R.T.: 4.820 min  
Delta R.T.: 0.018 min  
Response: 461209  
Conc: 0.30 ng/ml



#7 delta-BHC

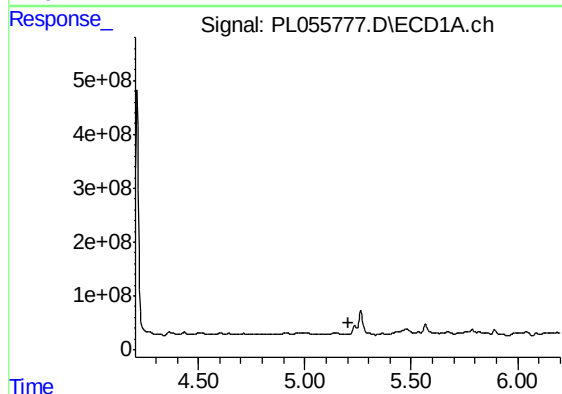
R.T.: 4.664 min  
Delta R.T.: -0.003 min  
Response: 11569373  
Conc: 0.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FB-01142020



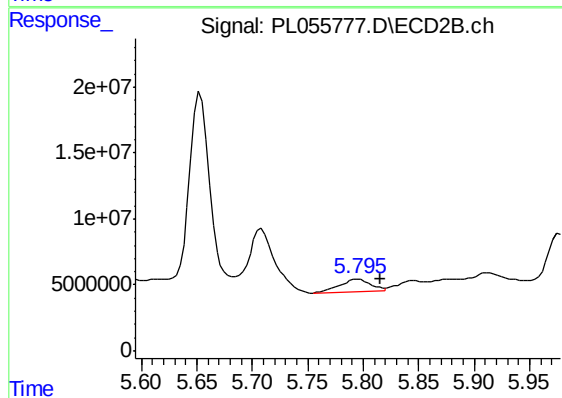
#7 delta-BHC

R.T.: 5.040 min  
Delta R.T.: 0.024 min  
Response: 2249950  
Conc: 0.73 ng/ml



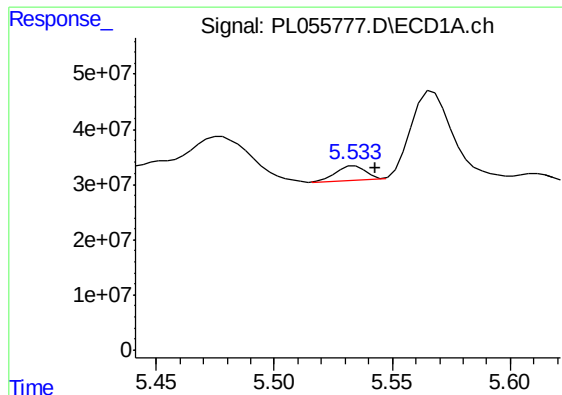
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.204 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

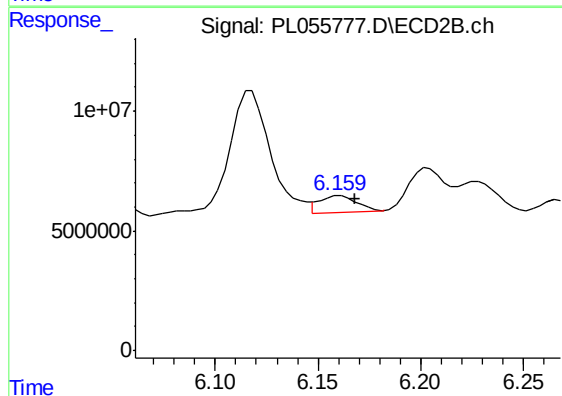
R.T.: 5.796 min  
Delta R.T.: -0.020 min  
Response: 17724422  
Conc: 6.03 ng/ml



#9 Endosulfan I

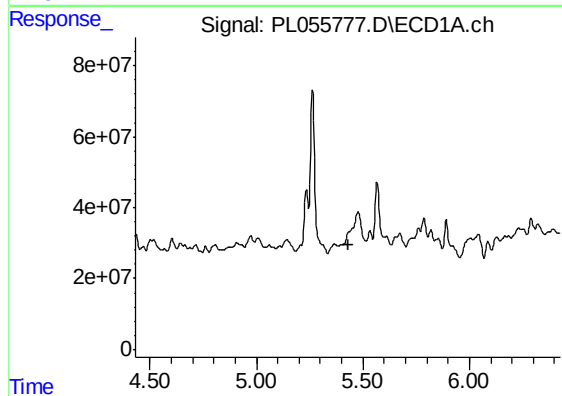
R.T.: 5.534 min  
Delta R.T.: -0.009 min  
Response: 22654594  
Conc: 1.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FB-01142020



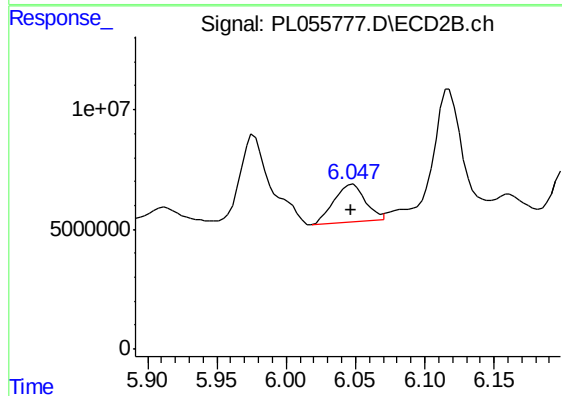
#9 Endosulfan I

R.T.: 6.161 min  
Delta R.T.: -0.007 min  
Response: 9136422  
Conc: 3.45 ng/ml



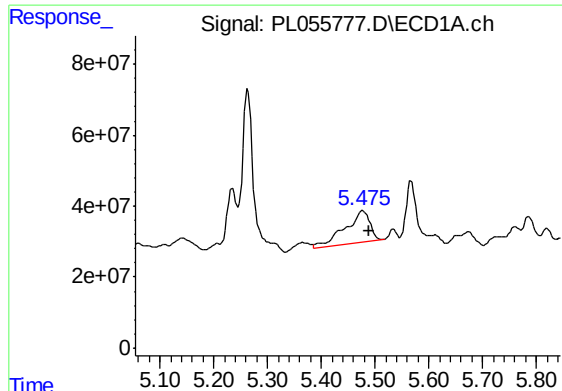
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.431 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

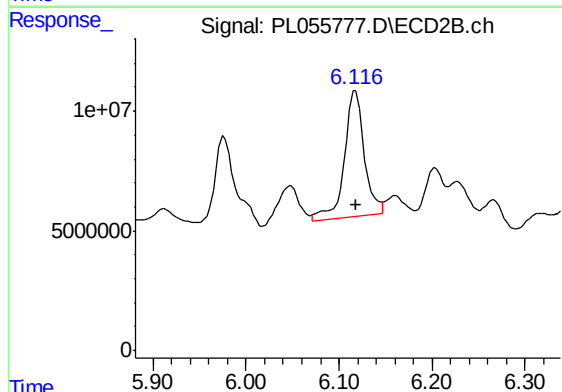
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 24802966  
Conc: 8.81 ng/ml



#11 alpha-Chlordane

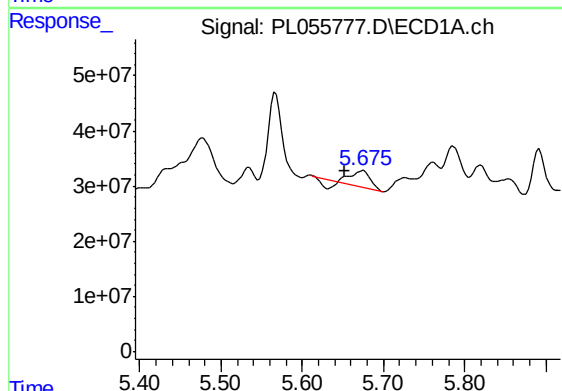
R.T.: 5.477 min  
Delta R.T.: -0.012 min  
Response: 293874701  
Conc: 22.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FB-01142020



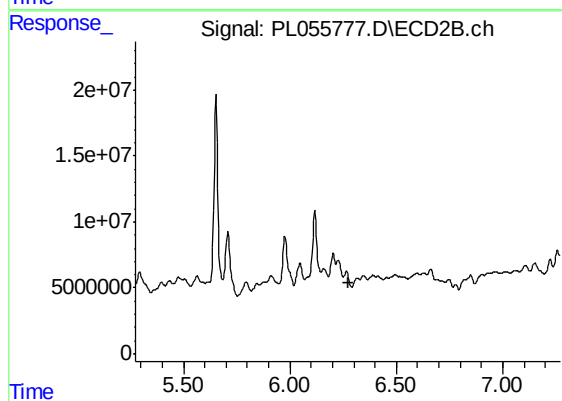
#11 alpha-Chlordane

R.T.: 6.118 min  
Delta R.T.: 0.000 min  
Response: 78937743  
Conc: 28.08 ng/ml



#12 4,4'-DDE

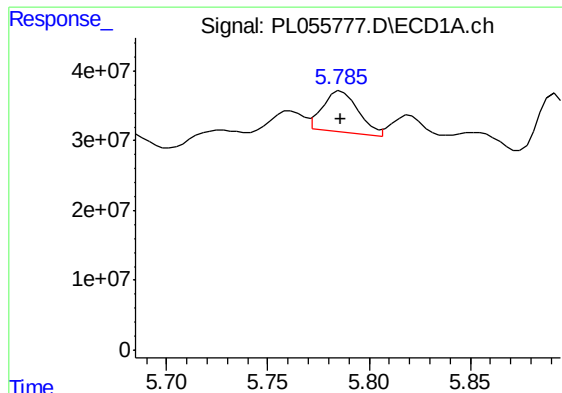
R.T.: 5.675 min  
Delta R.T.: 0.023 min  
Response: 32523886  
Conc: 2.62 ng/ml



#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.273 min  
Response: 0  
Conc: N.D.

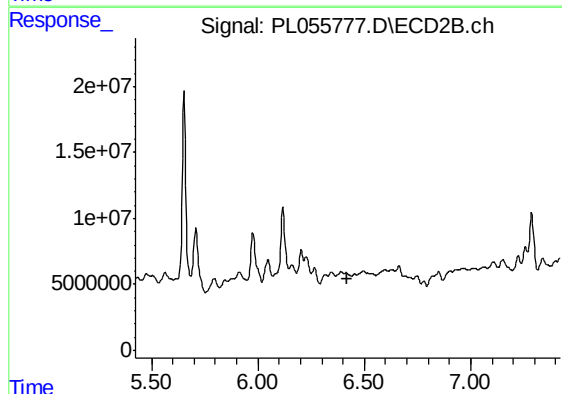




#13 Dielddrin

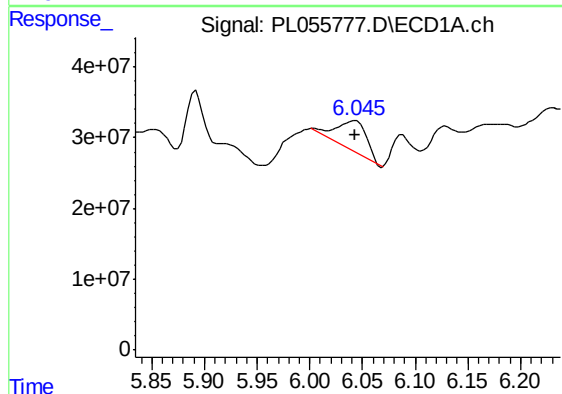
R.T.: 5.787 min  
Delta R.T.: 0.000 min  
Response: 72481246  
Conc: 5.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FB-01142020



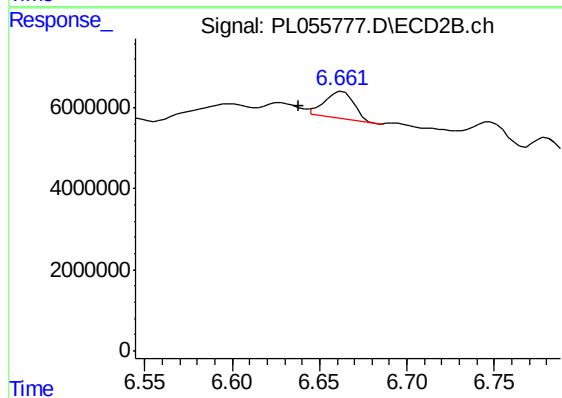
#13 Dielddrin

R.T.: 0.000 min  
Exp R.T. : 6.422 min  
Response: 0  
Conc: N.D.



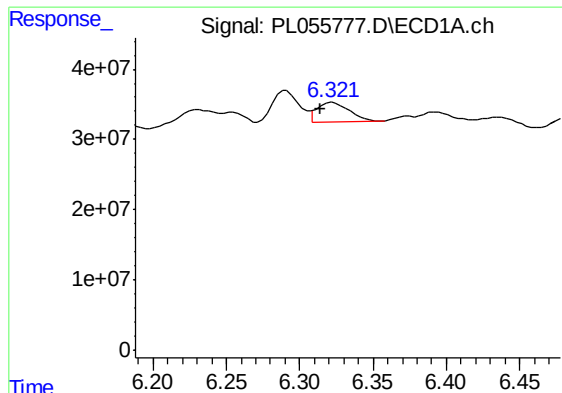
#14 Endrin

R.T.: 6.043 min  
Delta R.T.: 0.000 min  
Response: 87017552  
Conc: 7.54 ng/ml



#14 Endrin

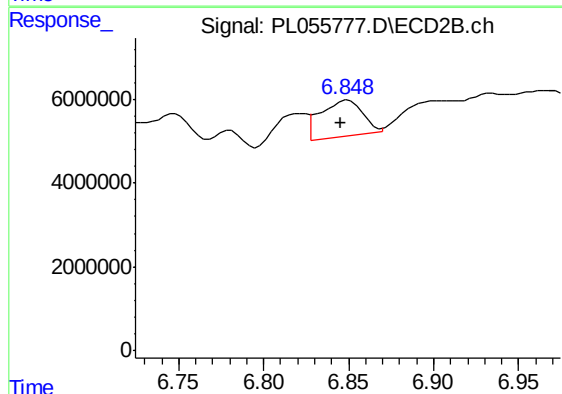
R.T.: 6.663 min  
Delta R.T.: 0.025 min  
Response: 7986429  
Conc: 3.54 ng/ml



#15 Endosulfan II

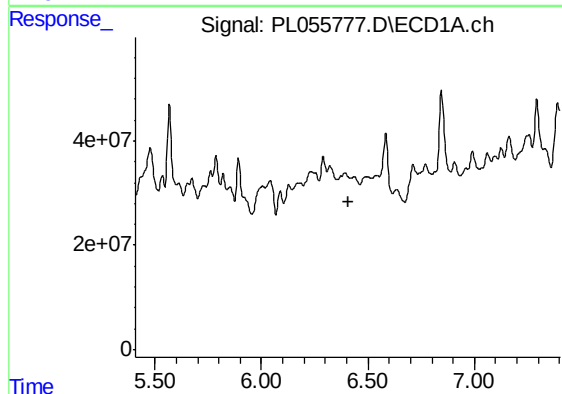
R.T.: 6.323 min  
Delta R.T.: 0.008 min  
Response: 43708137  
Conc: 4.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FB-01142020



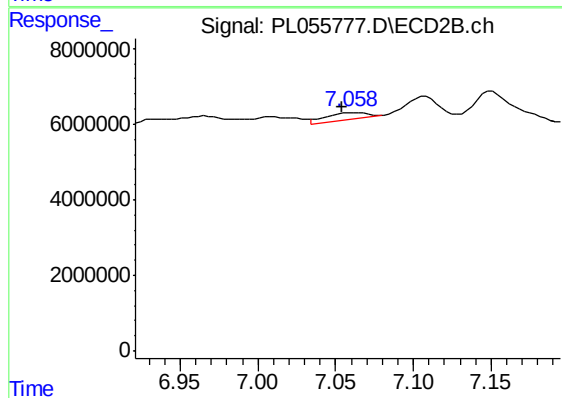
#15 Endosulfan II

R.T.: 6.850 min  
Delta R.T.: 0.004 min  
Response: 15237600  
Conc: 6.34 ng/ml



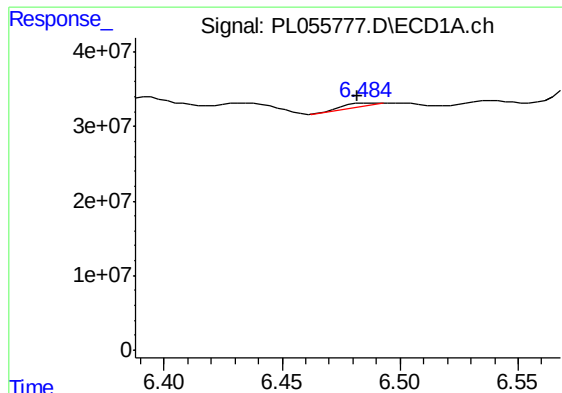
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.407 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

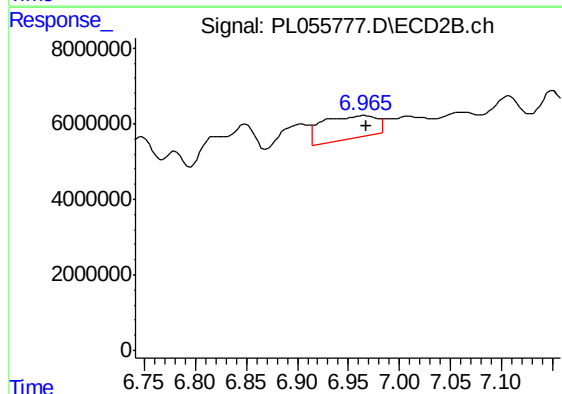
R.T.: 7.060 min  
Delta R.T.: 0.006 min  
Response: 3361071  
Conc: 1.70 ng/ml



#18 Endrin aldehyde

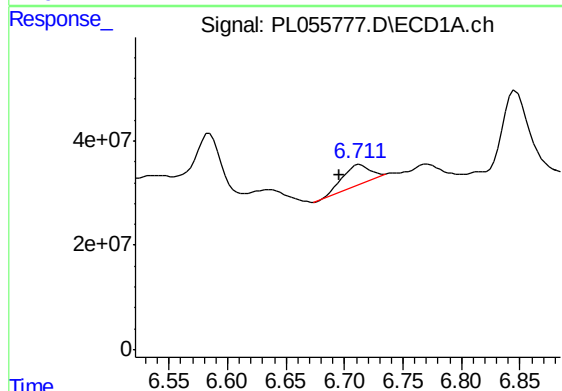
R.T.: 6.486 min  
Delta R.T.: 0.004 min  
Response: 3518238  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FB-01142020



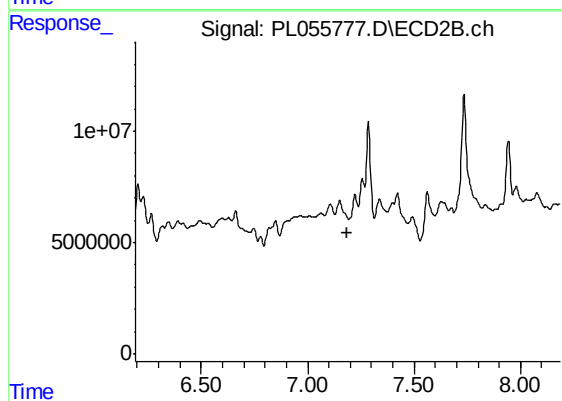
#18 Endrin aldehyde

R.T.: 6.966 min  
Delta R.T.: -0.002 min  
Response: 22252652  
Conc: 10.96 ng/ml



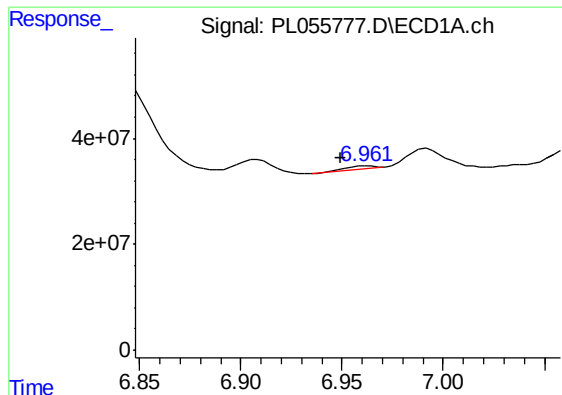
#19 Endosulfan Sulfate

R.T.: 6.713 min  
Delta R.T.: 0.018 min  
Response: 57413486  
Conc: 5.87 ng/ml



#19 Endosulfan Sulfate

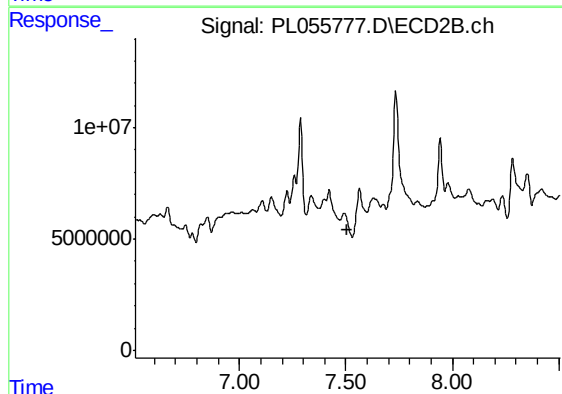
R.T.: 0.000 min  
Exp R.T. : 7.189 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

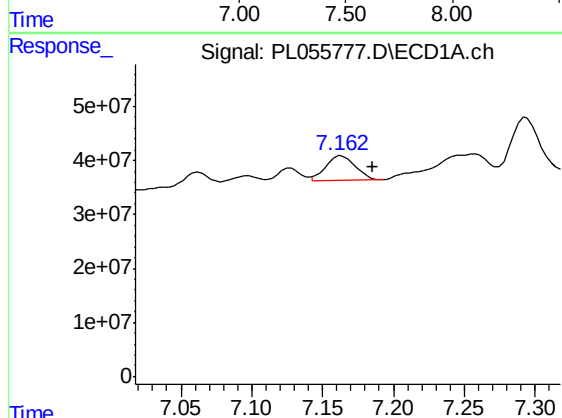
R.T.: 6.962 min  
Delta R.T.: 0.013 min  
Response: 3887815  
Conc: 0.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FB-01142020



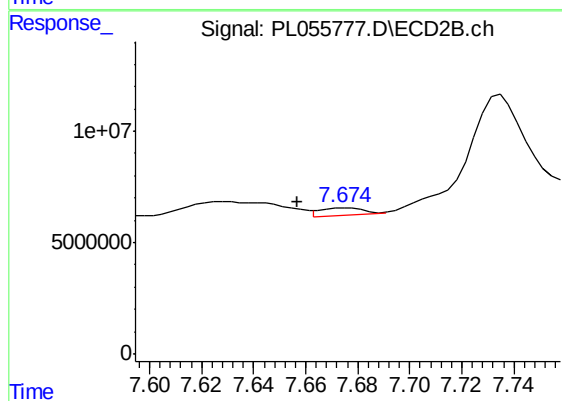
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.508 min  
Response: 0  
Conc: N.D.



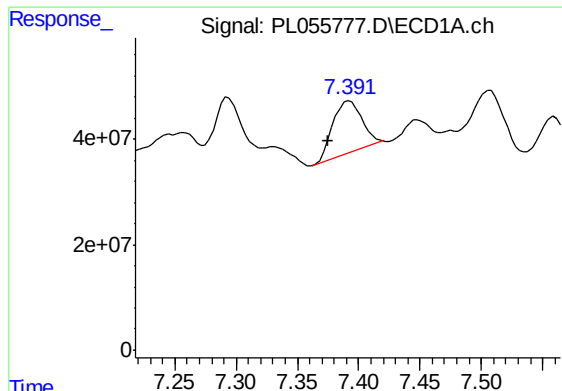
#21 Endrin ketone

R.T.: 7.164 min  
Delta R.T.: -0.022 min  
Response: 67287566  
Conc: 5.94 ng/ml



#21 Endrin ketone

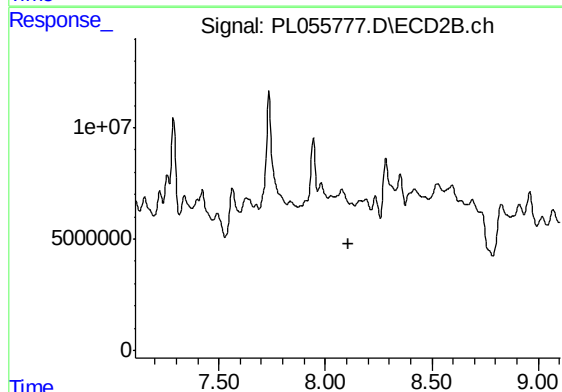
R.T.: 7.675 min  
Delta R.T.: 0.018 min  
Response: 4104413  
Conc: 1.72 ng/ml



#22 Mirex

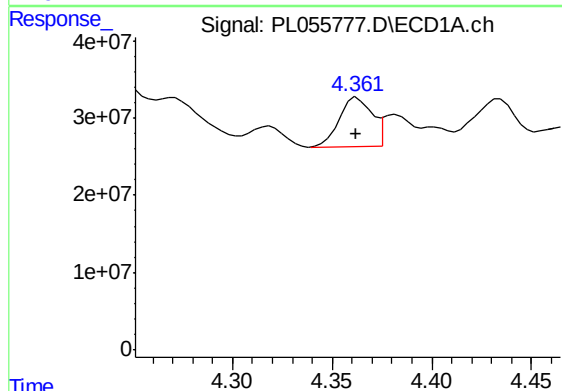
R.T.: 7.393 min  
Delta R.T.: 0.018 min  
Response: 163999289  
Conc: 23.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FB-01142020



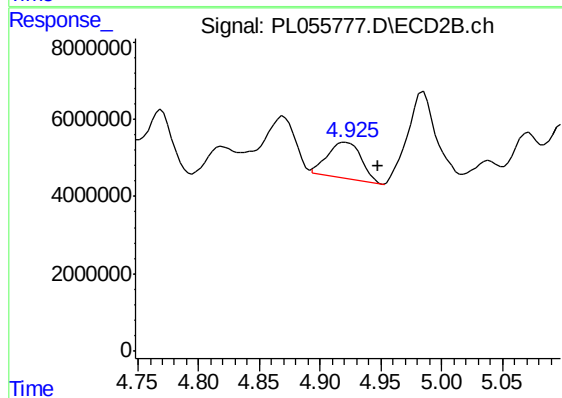
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.107 min  
Response: 0  
Conc: N.D.



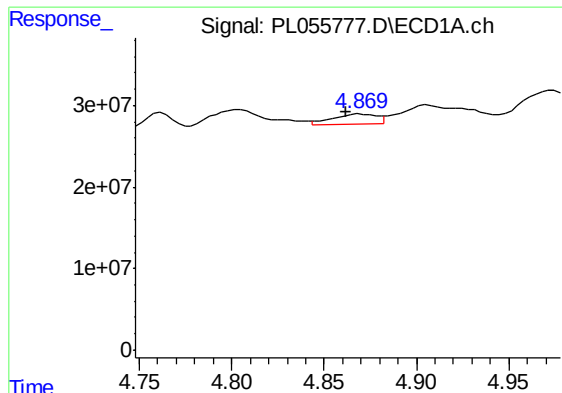
#23 Chlordane-1

R.T.: 4.363 min  
Delta R.T.: 0.000 min  
Response: 71898033  
Conc: 207.87 ng/ml



#23 Chlordane-1

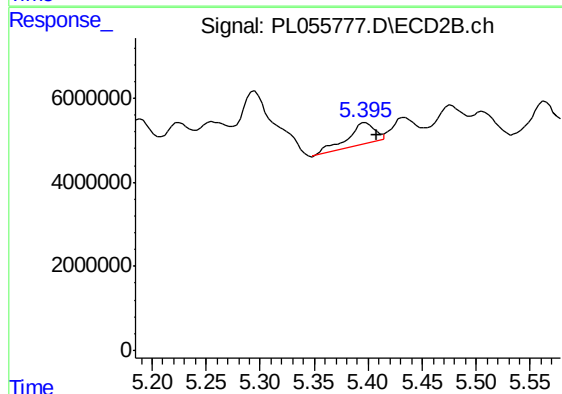
R.T.: 4.921 min  
Delta R.T.: -0.027 min  
Response: 17966020  
Conc: 194.41 ng/ml



#24 Chlordane-2

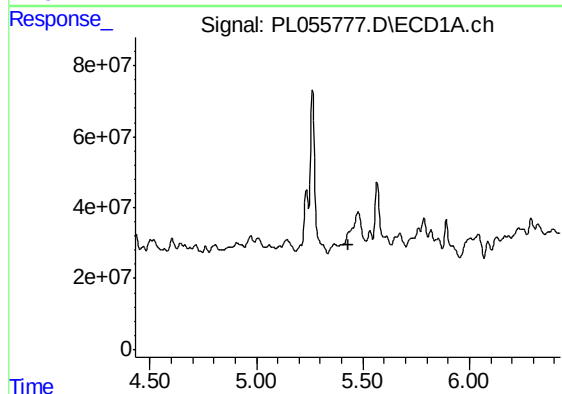
R.T.: 4.870 min  
Delta R.T.: 0.008 min  
Response: 20570507  
Conc: 50.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FB-01142020



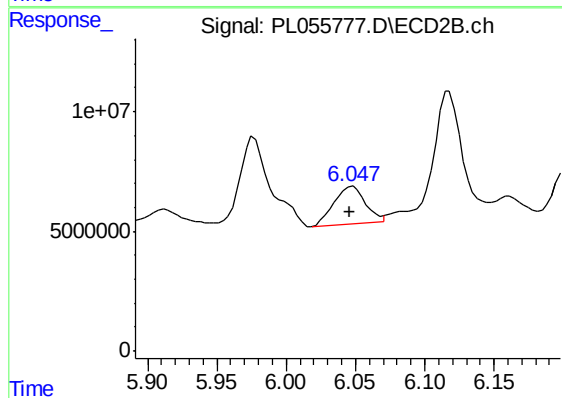
#24 Chlordane-2

R.T.: 5.398 min  
Delta R.T.: -0.010 min  
Response: 8520245  
Conc: 88.86 ng/ml



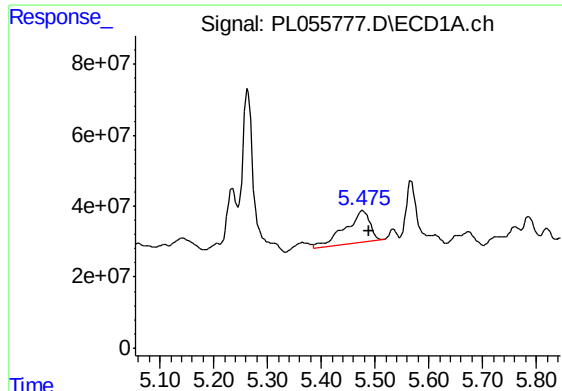
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.430 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

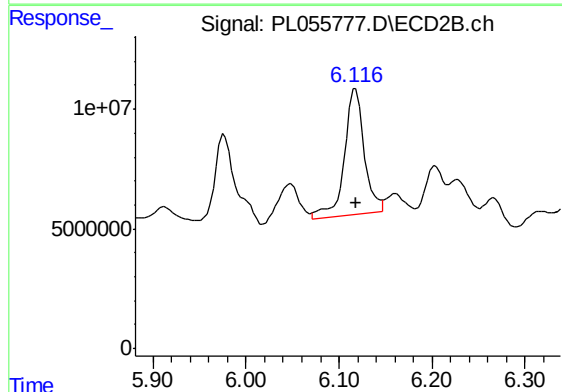
R.T.: 6.048 min  
Delta R.T.: 0.002 min  
Response: 24802966  
Conc: 72.63 ng/ml



#26 Chlordane-4

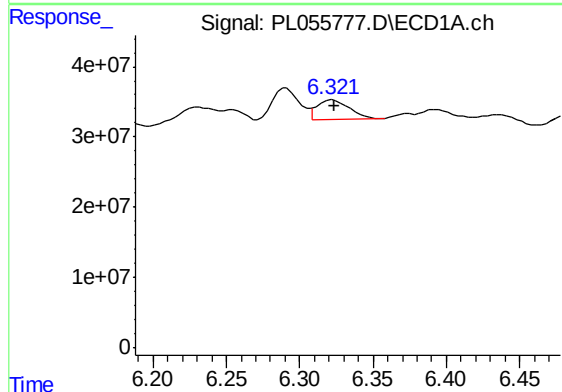
R.T.: 5.477 min  
Delta R.T.: -0.012 min  
Response: 293874701  
Conc: 300.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FB-01142020



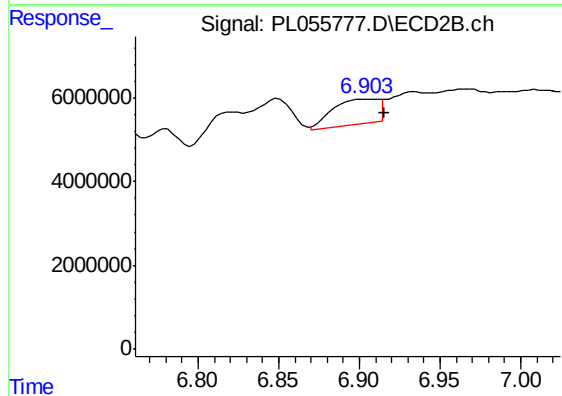
#26 Chlordane-4

R.T.: 6.118 min  
Delta R.T.: -0.001 min  
Response: 78937743  
Conc: 196.79 ng/ml



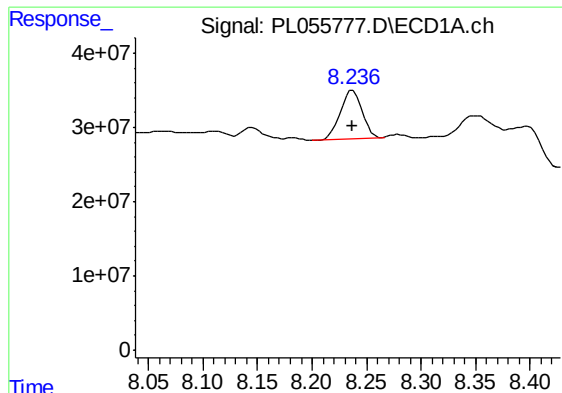
#27 Chlordane-5

R.T.: 6.323 min  
Delta R.T.: 0.000 min  
Response: 43708137  
Conc: 121.42 ng/ml



#27 Chlordane-5

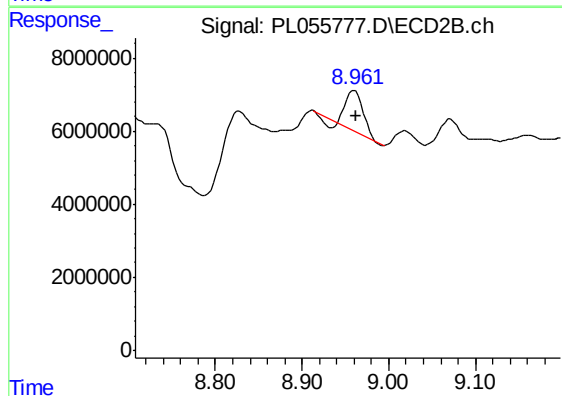
R.T.: 6.904 min  
Delta R.T.: -0.011 min  
Response: 12058468  
Conc: 171.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.237 min  
Delta R.T.: 0.000 min  
Response: 89818072  
Conc: 10.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FB-01142020



#28 Decachlorobiphenyl

R.T.: 8.961 min  
Delta R.T.: -0.003 min  
Response: 14783084  
Conc: 7.11 ng/ml