

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062520\  
 Data File : PL059520.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jun 2020 19:11  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 26 00:47:12 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062220.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 22 14:09:48 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... | 3.518 | 4.072  | 87597355 | 128.5E6  | 48.743   | 49.768     |
| 28)                         | SA Decachlor... | 8.288 | 9.184  | 70645156 | 97351997 | 41.487   | 42.519     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.959 | 4.465  | 130.2E6  | 187.4E6  | 50.442   | 55.017     |
| 3)                          | MA gamma-BHC... | 4.245 | 4.752  | 113.2E6  | 175.0E6  | 49.635   | 55.896     |
| 4)                          | MA Heptachlor   | 4.549 | 5.267  | 104.1E6  | 163.1E6  | 48.823   | 50.364     |
| 5)                          | MB Aldrin       | 4.800 | 5.575  | 90223515 | 147.1E6  | 50.702   | 47.760     |
| 6)                          | B beta-BHC      | 4.494 | 4.921  | 46340315 | 73397067 | 48.661   | 53.966     |
| 7)                          | B delta-BHC     | 4.700 | 5.141  | 101.6E6  | 157.3E6  | 49.811   | 56.542     |
| 8)                          | B Heptachlo...  | 5.243 | 5.962  | 85601687 | 142.4E6  | 56.946   | 56.748     |
| 9)                          | A Endosulfan I  | 5.584 | 6.321  | 77037088 | 124.1E6  | 52.364   | 45.708     |
| 10)                         | B gamma-Chl...  | 5.471 | 6.198  | 82728793 | 136.2E6  | 53.939   | 46.507     |
| 11)                         | B alpha-Chl...  | 5.530 | 6.271  | 82416770 | 136.0E6  | 53.033   | 46.169     |
| 12)                         | B 4,4'-DDE      | 5.693 | 6.425  | 77647314 | 122.4E6  | 53.437   | 45.317     |
| 13)                         | MA Dieldrin     | 5.827 | 6.579  | 79650427 | 128.1E6  | 50.489   | 45.491     |
| 14)                         | MA Endrin       | 6.085 | 6.798  | 71719927 | 100.5E6  | 47.203   | 40.685     |
| 15)                         | B Endosulfa...  | 6.357 | 7.006  | 73034097 | 112.0E6  | 47.294   | 44.166     |
| 16)                         | A 4,4'-DDD      | 6.209 | 6.917  | 64129269 | 100.4E6  | 49.142   | 45.129     |
| 17)                         | MA 4,4'-DDT     | 6.451 | 7.217  | 61715498 | 94785754 | 46.806   | 41.700     |
| 18)                         | B Endrin al...  | 6.525 | 7.131  | 61983084 | 95349374 | 46.898   | 43.473     |
| 19)                         | B Endosulfa...  | 6.738 | 7.355  | 69825334 | 104.6E6  | 45.990   | 43.202     |
| 20)                         | A Methoxychlor  | 6.996 | 7.674  | 36826067 | 54174003 | 45.440   | 40.810     |
| 21)                         | B Endrin ke...  | 7.230 | 7.827  | 80117850 | 112.1E6  | 45.951   | 43.402     |
| 22)                         | Mirex           | 7.424 | 8.285  | 61817568 | 83134503 | 43.777   | 42.090     |
| 23)                         | Chlordane-1     | 4.392 | 0.000  | 356800   | 0        | 6.270    | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.575f | 0        | 147.1E6  | N.D.     | 1339.986 # |
| 25)                         | Chlordane-3     | 5.471 | 6.198  | 82728793 | 136.2E6  | 584.468  | 347.432 #  |
| 26)                         | Chlordane-4     | 5.530 | 6.271  | 82416770 | 136.0E6  | 698.124  | 286.139 #  |
| 27)                         | Chlordane-5     | 6.357 | 0.000  | 73034097 | 0        | 1301.412 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

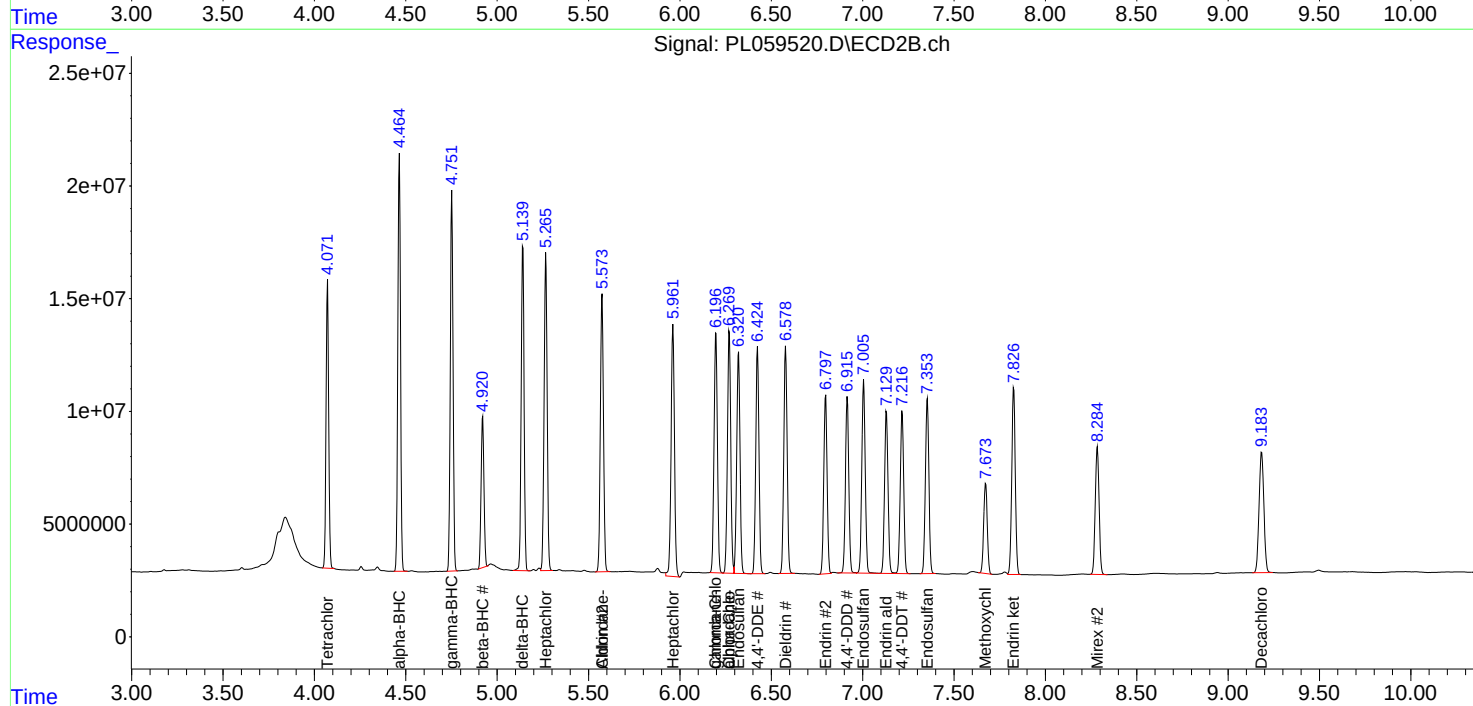
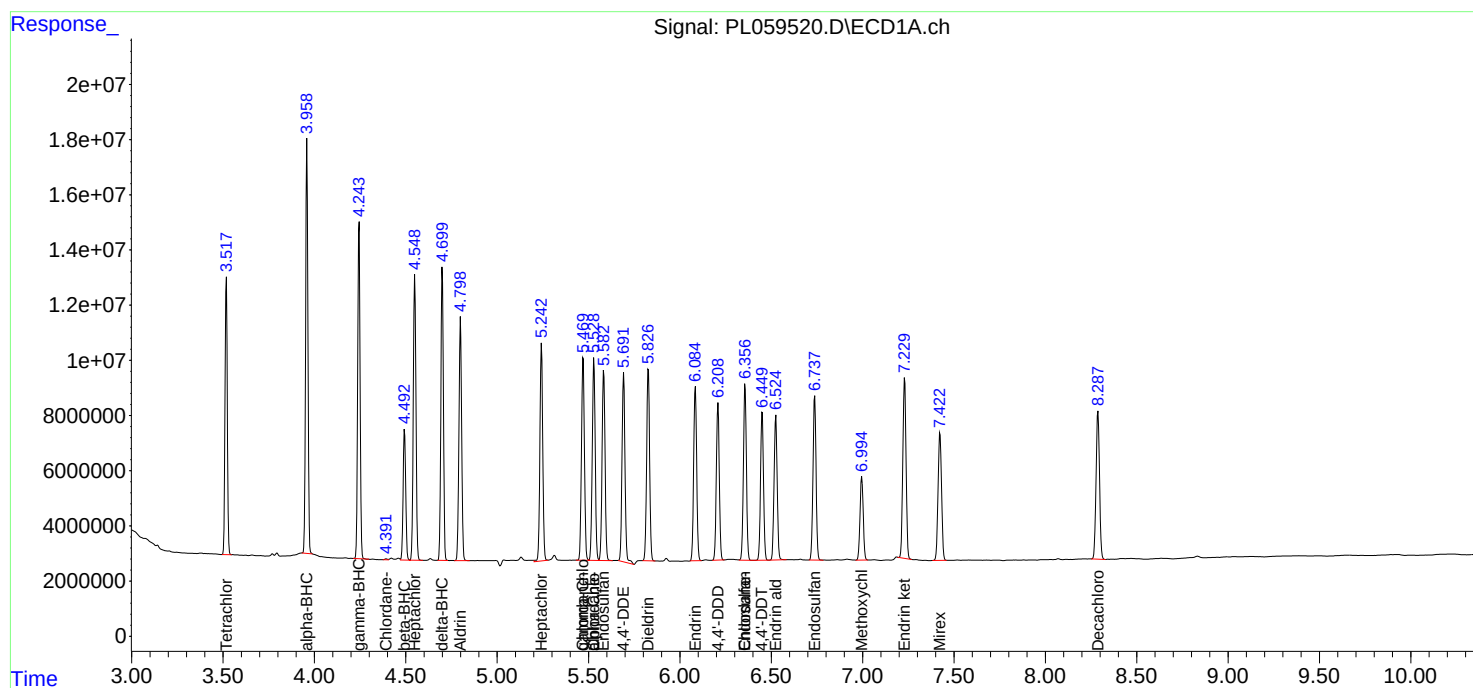
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

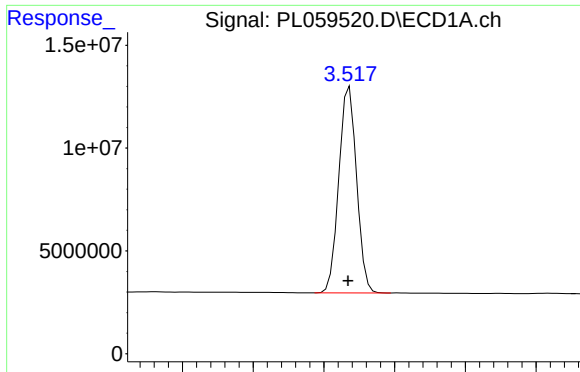
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062520\  
Data File : PL059520.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2020 19:11  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 26 00:47:12 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062220.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 22 14:09:48 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

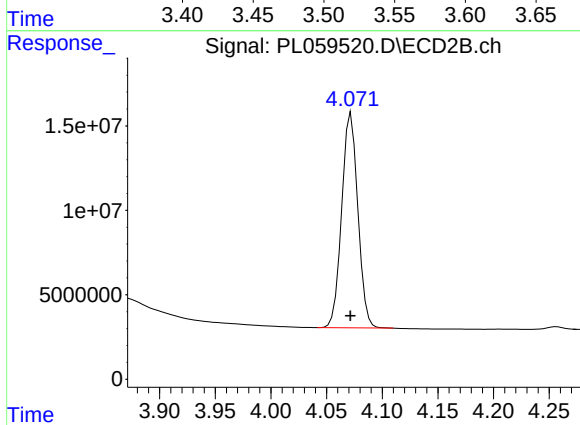




#1 Tetrachloro-m-xylene

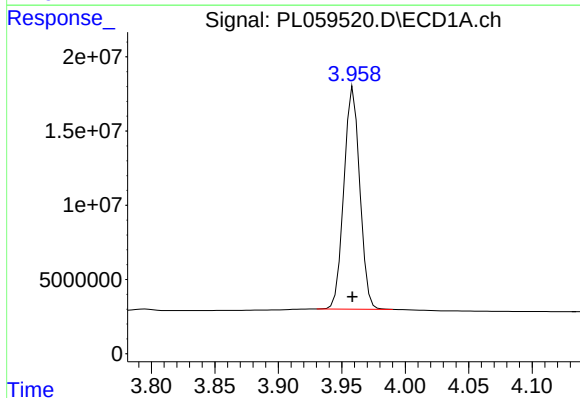
R.T.: 3.518 min  
Delta R.T.: 0.001 min  
Response: 87597355  
Conc: 48.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



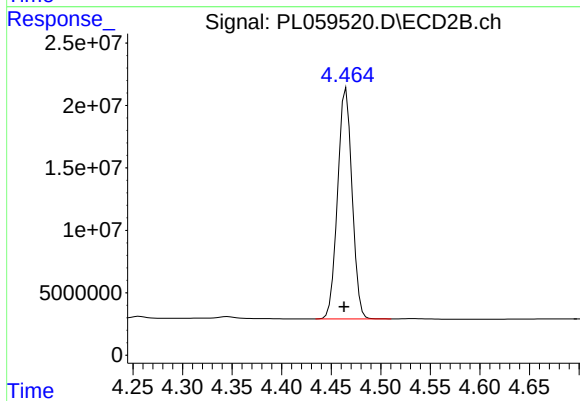
#1 Tetrachloro-m-xylene

R.T.: 4.072 min  
Delta R.T.: 0.000 min  
Response: 128450992  
Conc: 49.77 ng/ml



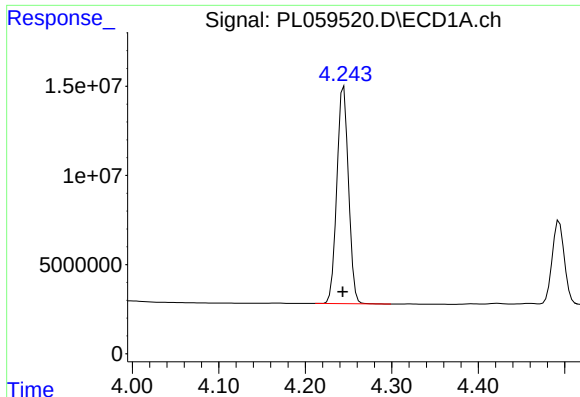
#2 alpha-BHC

R.T.: 3.959 min  
Delta R.T.: 0.000 min  
Response: 130195105  
Conc: 50.44 ng/ml



#2 alpha-BHC

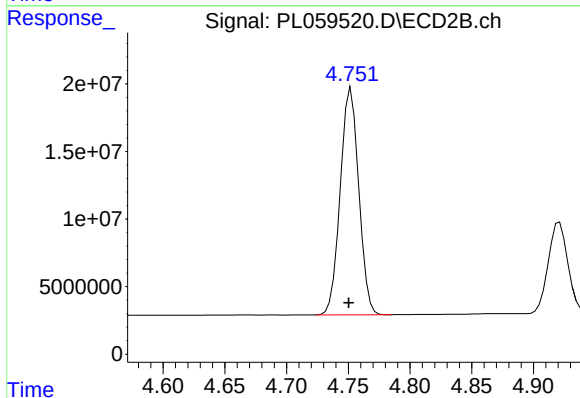
R.T.: 4.465 min  
Delta R.T.: 0.002 min  
Response: 187420920  
Conc: 55.02 ng/ml



#3 gamma-BHC (Lindane)

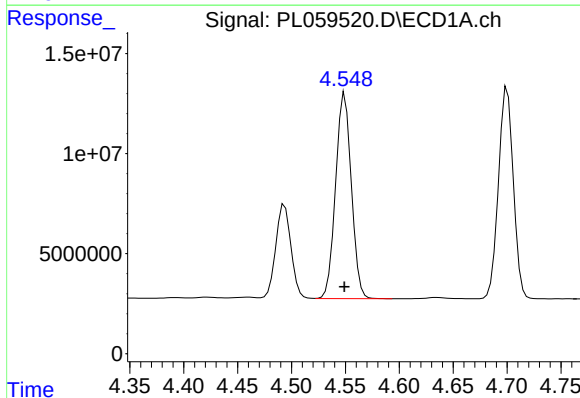
R.T.: 4.245 min  
Delta R.T.: 0.001 min  
Response: 113198158  
Conc: 49.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



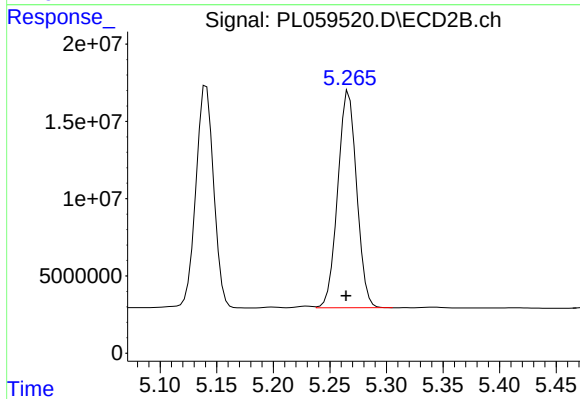
#3 gamma-BHC (Lindane)

R.T.: 4.752 min  
Delta R.T.: 0.002 min  
Response: 174950594  
Conc: 55.90 ng/ml



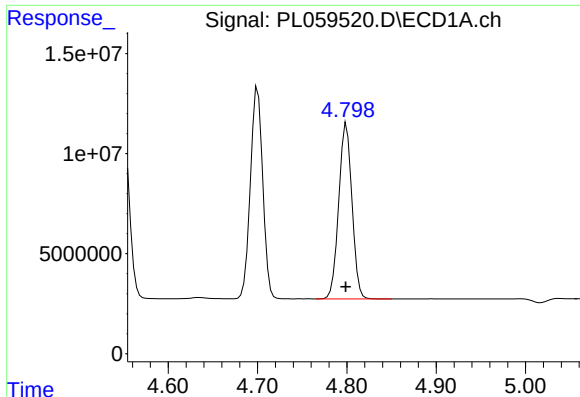
#4 Heptachlor

R.T.: 4.549 min  
Delta R.T.: 0.000 min  
Response: 104114363  
Conc: 48.82 ng/ml



#4 Heptachlor

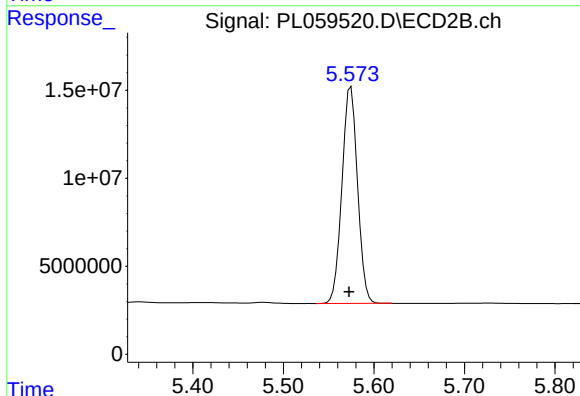
R.T.: 5.267 min  
Delta R.T.: 0.002 min  
Response: 163123257  
Conc: 50.36 ng/ml



#5 Aldrin

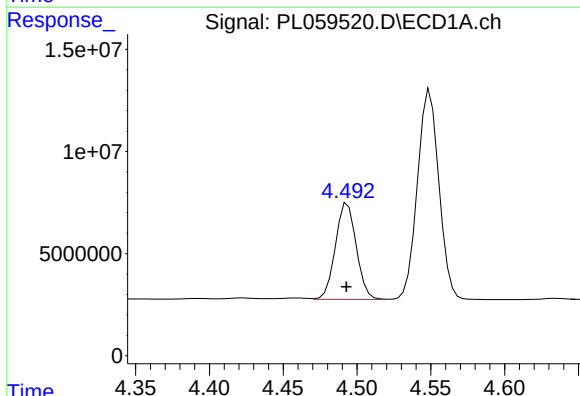
R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 90223515  
Conc: 50.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



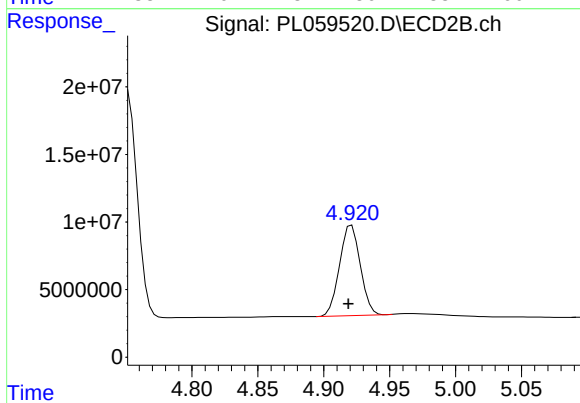
#5 Aldrin

R.T.: 5.575 min  
Delta R.T.: 0.002 min  
Response: 147081179  
Conc: 47.76 ng/ml



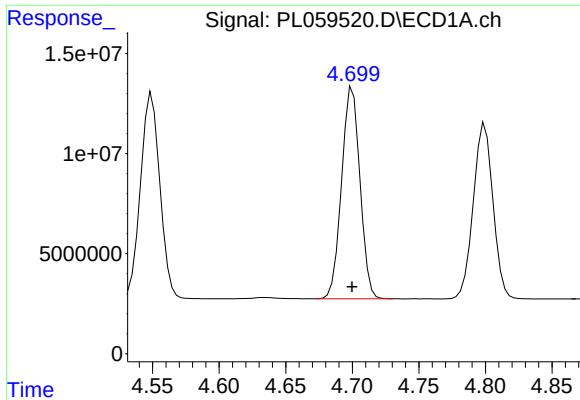
#6 beta-BHC

R.T.: 4.494 min  
Delta R.T.: 0.000 min  
Response: 46340315  
Conc: 48.66 ng/ml



#6 beta-BHC

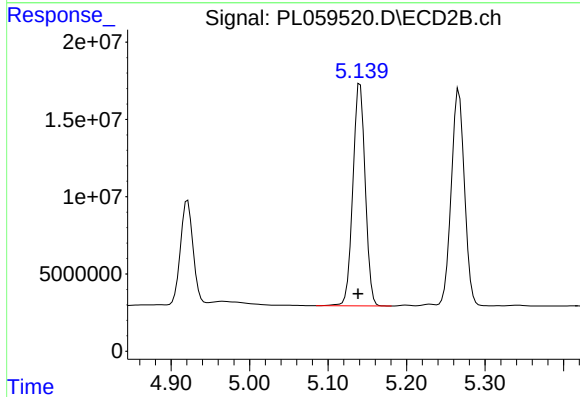
R.T.: 4.921 min  
Delta R.T.: 0.003 min  
Response: 73397067  
Conc: 53.97 ng/ml



#7 delta-BHC

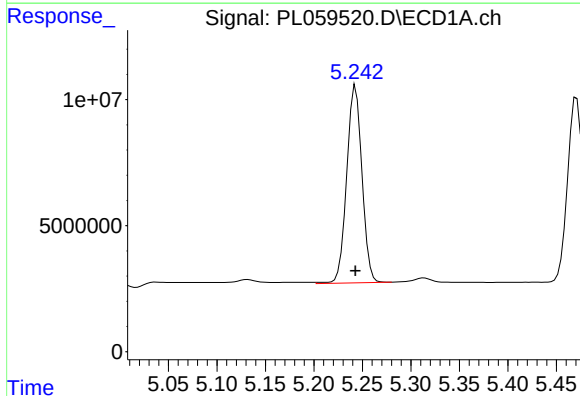
R.T.: 4.700 min  
Delta R.T.: 0.000 min  
Response: 101598051  
Conc: 49.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



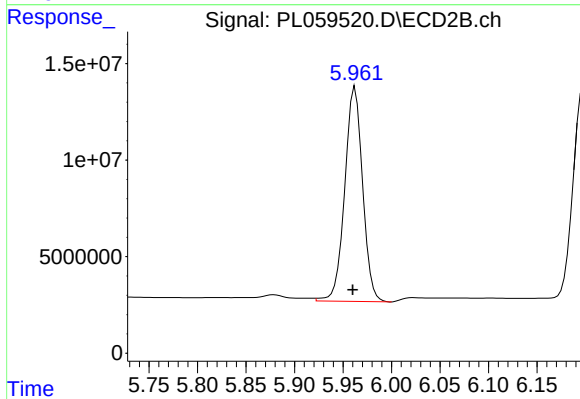
#7 delta-BHC

R.T.: 5.141 min  
Delta R.T.: 0.003 min  
Response: 157316934  
Conc: 56.54 ng/ml



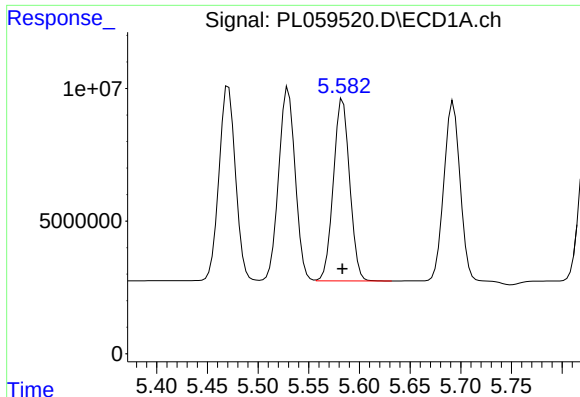
#8 Heptachlor epoxide

R.T.: 5.243 min  
Delta R.T.: 0.000 min  
Response: 85601687  
Conc: 56.95 ng/ml



#8 Heptachlor epoxide

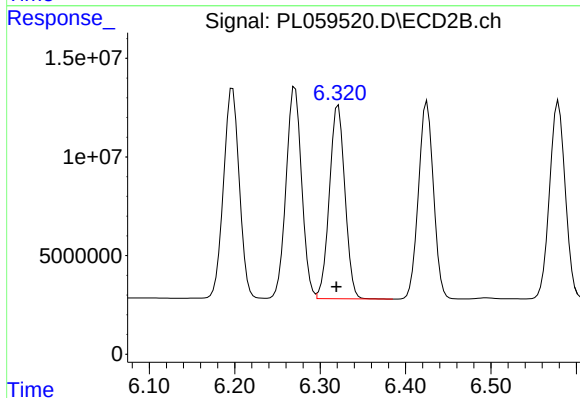
R.T.: 5.962 min  
Delta R.T.: 0.002 min  
Response: 142422901  
Conc: 56.75 ng/ml



#9 Endosulfan I

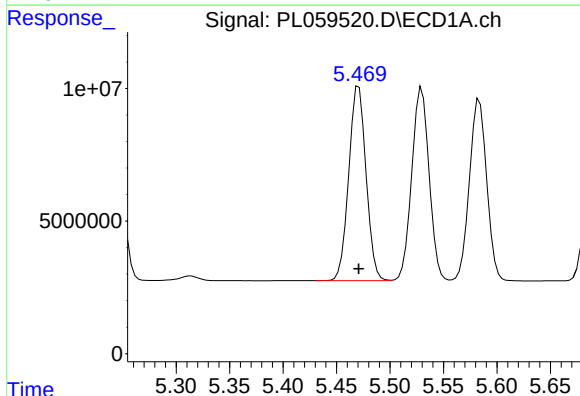
R.T.: 5.584 min  
Delta R.T.: 0.000 min  
Response: 77037088  
Conc: 52.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



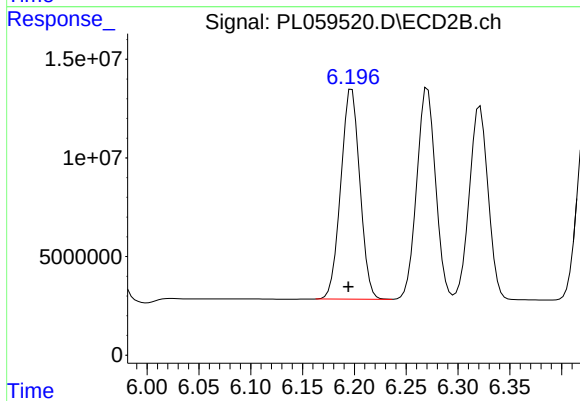
#9 Endosulfan I

R.T.: 6.321 min  
Delta R.T.: 0.002 min  
Response: 124052930  
Conc: 45.71 ng/ml



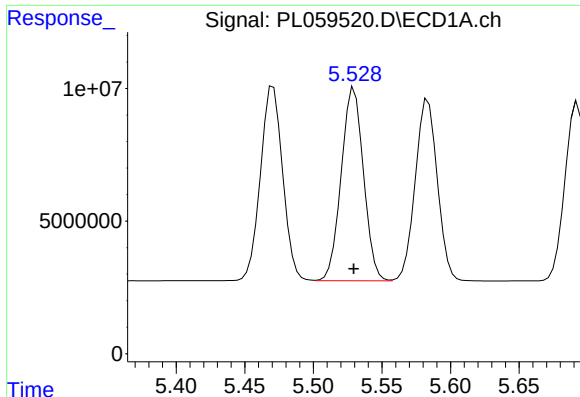
#10 gamma-Chlordane

R.T.: 5.471 min  
Delta R.T.: 0.000 min  
Response: 82728793  
Conc: 53.94 ng/ml



#10 gamma-Chlordane

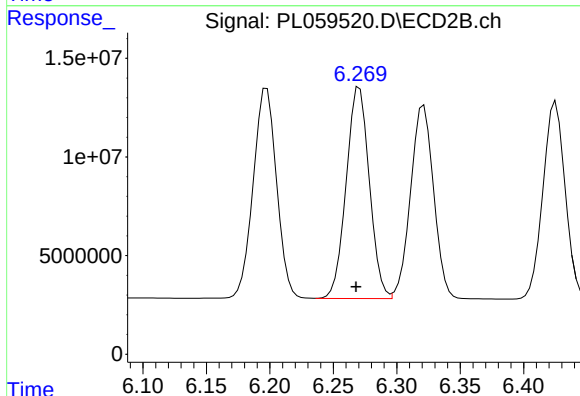
R.T.: 6.198 min  
Delta R.T.: 0.003 min  
Response: 136222755  
Conc: 46.51 ng/ml



#11 alpha-Chlordane

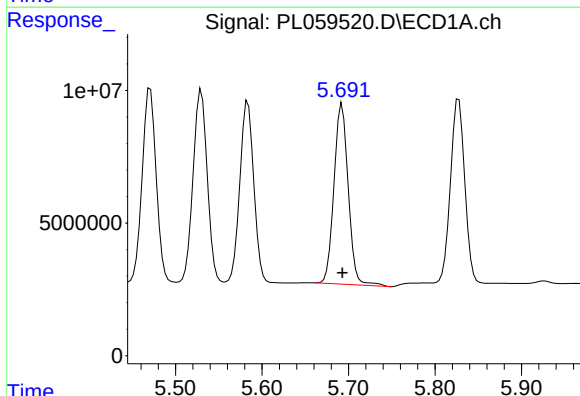
R.T.: 5.530 min  
Delta R.T.: 0.000 min  
Response: 82416770  
Conc: 53.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



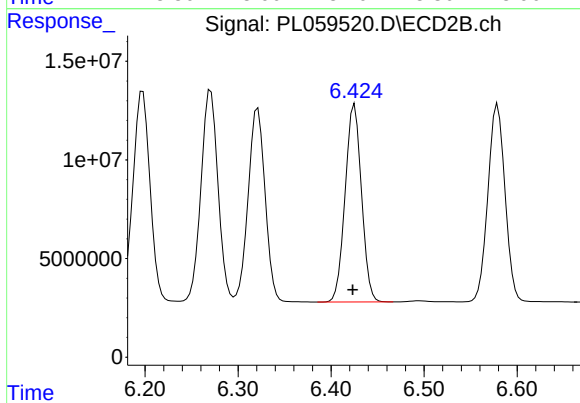
#11 alpha-Chlordane

R.T.: 6.271 min  
Delta R.T.: 0.003 min  
Response: 135956946  
Conc: 46.17 ng/ml



#12 4,4'-DDE

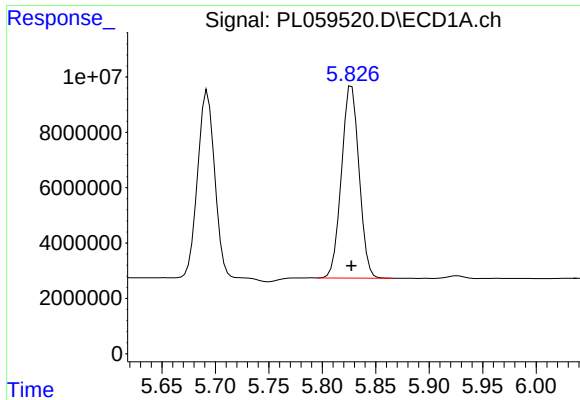
R.T.: 5.693 min  
Delta R.T.: 0.000 min  
Response: 77647314  
Conc: 53.44 ng/ml



#12 4,4'-DDE

R.T.: 6.425 min  
Delta R.T.: 0.002 min  
Response: 122386322  
Conc: 45.32 ng/ml

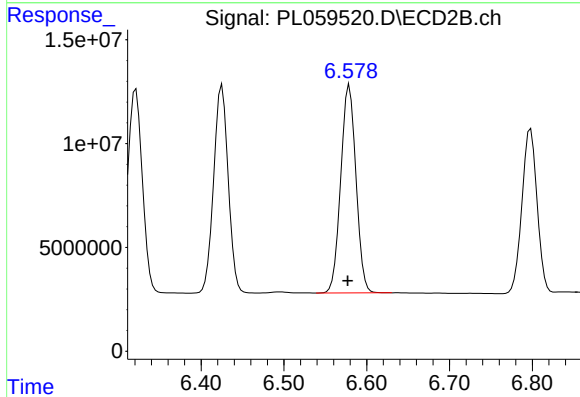




#13 Dieldrin

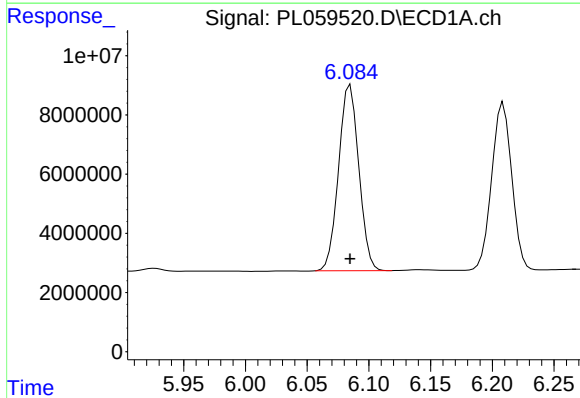
R.T.: 5.827 min  
Delta R.T.: 0.000 min  
Response: 79650427  
Conc: 50.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



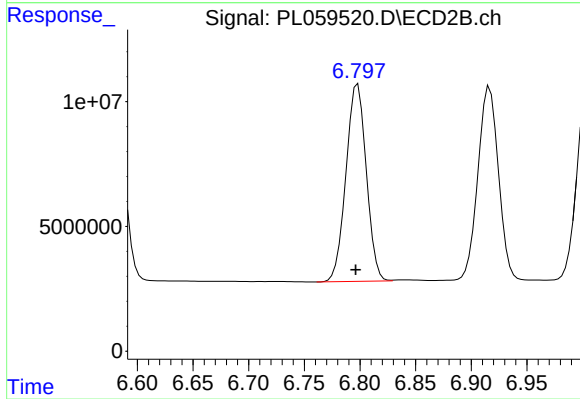
#13 Dieldrin

R.T.: 6.579 min  
Delta R.T.: 0.002 min  
Response: 128069393  
Conc: 45.49 ng/ml



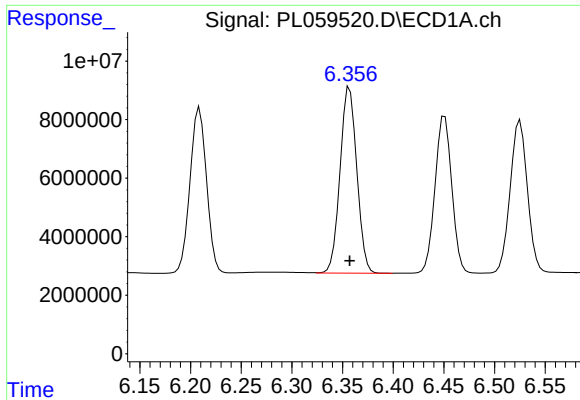
#14 Endrin

R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 71719927  
Conc: 47.20 ng/ml



#14 Endrin

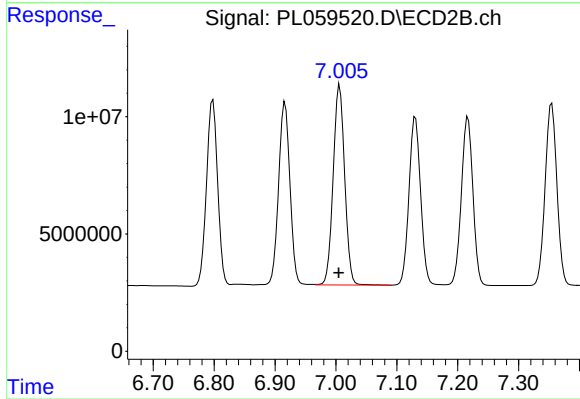
R.T.: 6.798 min  
Delta R.T.: 0.002 min  
Response: 100500804  
Conc: 40.68 ng/ml



#15 Endosulfan II

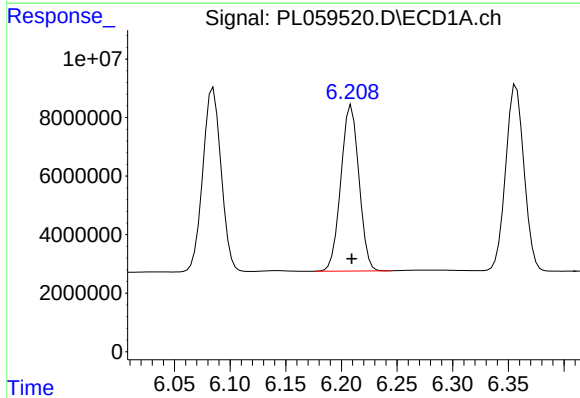
R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 73034097  
Conc: 47.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



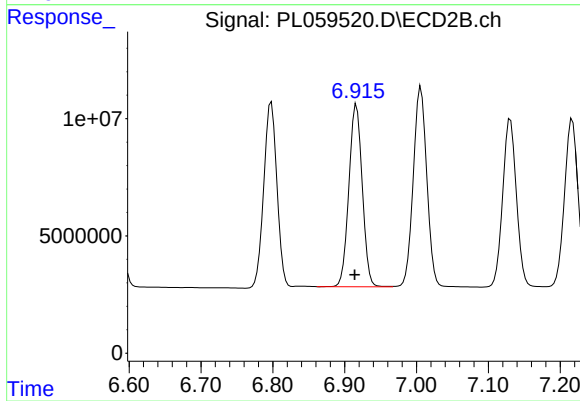
#15 Endosulfan II

R.T.: 7.006 min  
Delta R.T.: 0.002 min  
Response: 111998363  
Conc: 44.17 ng/ml



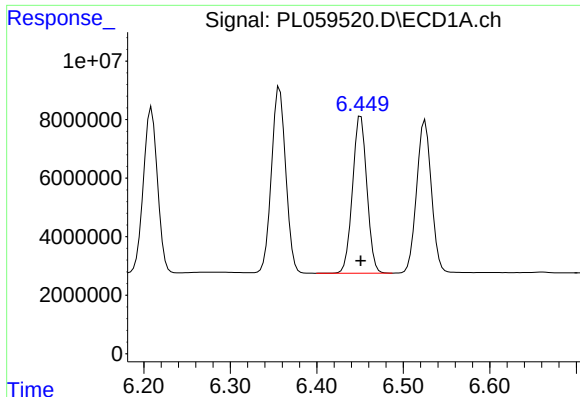
#16 4,4'-DDD

R.T.: 6.209 min  
Delta R.T.: 0.000 min  
Response: 64129269  
Conc: 49.14 ng/ml



#16 4,4'-DDD

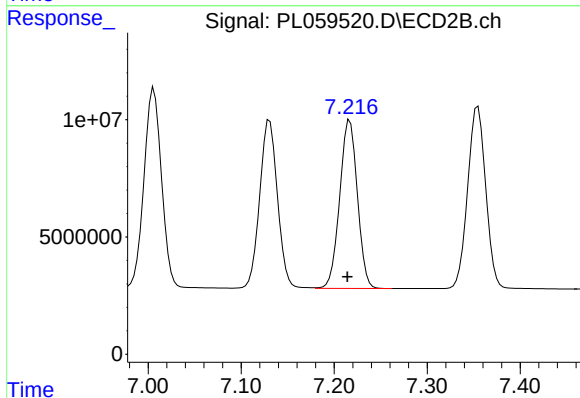
R.T.: 6.917 min  
Delta R.T.: 0.002 min  
Response: 100418538  
Conc: 45.13 ng/ml



#17 4,4'-DDT

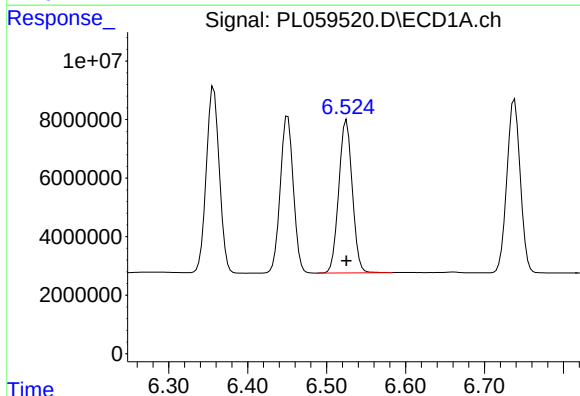
R.T.: 6.451 min  
Delta R.T.: 0.000 min  
Response: 61715498  
Conc: 46.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



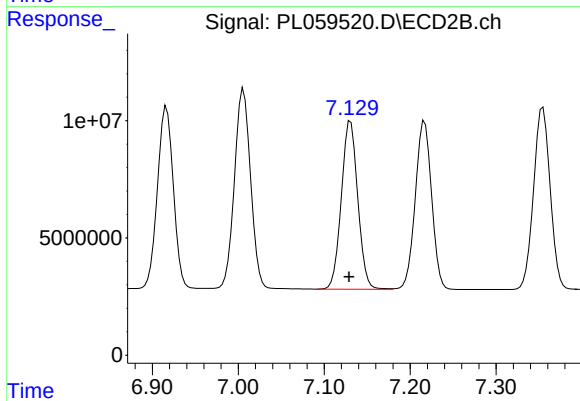
#17 4,4'-DDT

R.T.: 7.217 min  
Delta R.T.: 0.003 min  
Response: 94785754  
Conc: 41.70 ng/ml



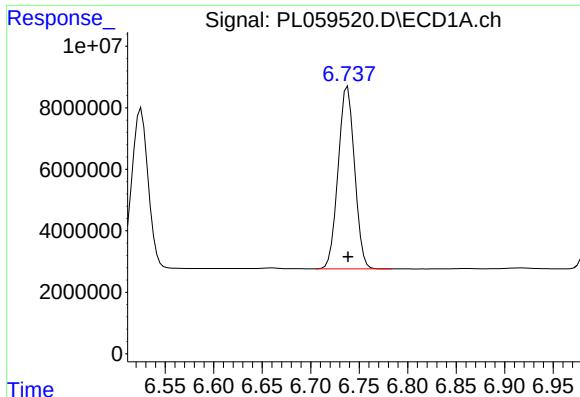
#18 Endrin aldehyde

R.T.: 6.525 min  
Delta R.T.: 0.000 min  
Response: 61983084  
Conc: 46.90 ng/ml



#18 Endrin aldehyde

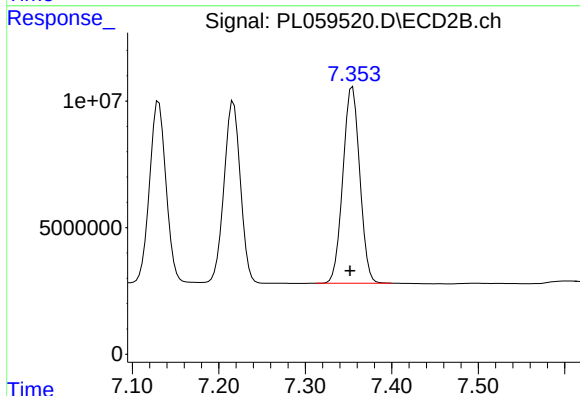
R.T.: 7.131 min  
Delta R.T.: 0.002 min  
Response: 95349374  
Conc: 43.47 ng/ml



#19 Endosulfan Sulfate

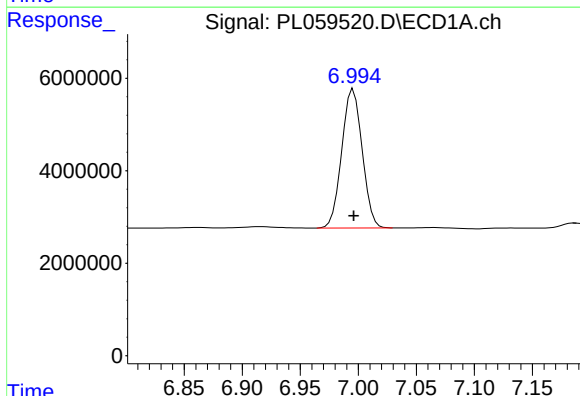
R.T.: 6.738 min  
Delta R.T.: 0.000 min  
Response: 69825334  
Conc: 45.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



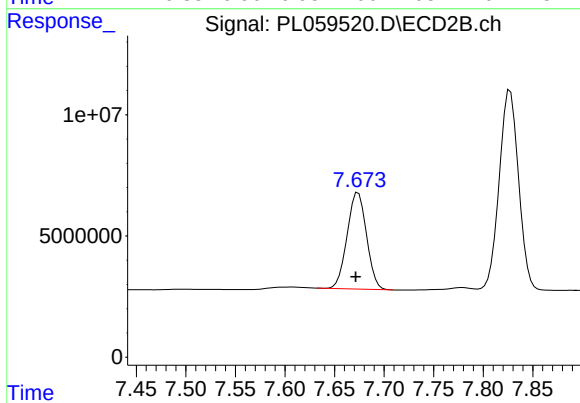
#19 Endosulfan Sulfate

R.T.: 7.355 min  
Delta R.T.: 0.003 min  
Response: 104566649  
Conc: 43.20 ng/ml



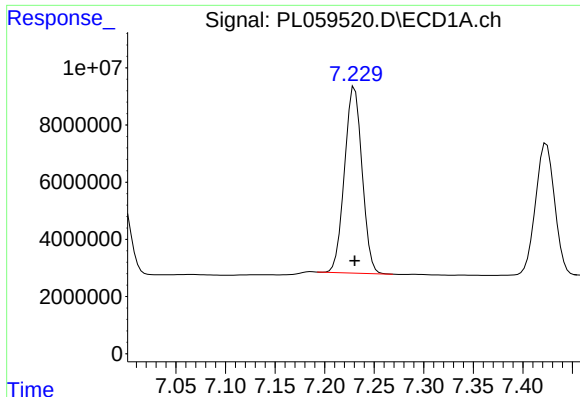
#20 Methoxychlor

R.T.: 6.996 min  
Delta R.T.: 0.000 min  
Response: 36826067  
Conc: 45.44 ng/ml



#20 Methoxychlor

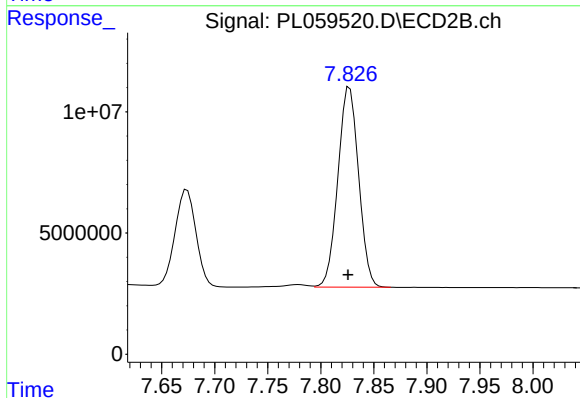
R.T.: 7.674 min  
Delta R.T.: 0.003 min  
Response: 54174003  
Conc: 40.81 ng/ml



#21 Endrin ketone

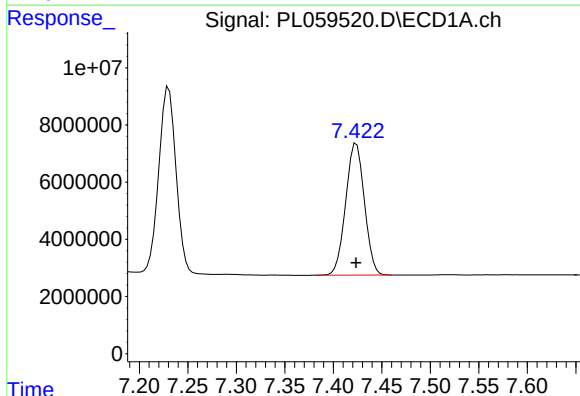
R.T.: 7.230 min  
Delta R.T.: 0.000 min  
Response: 80117850  
Conc: 45.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



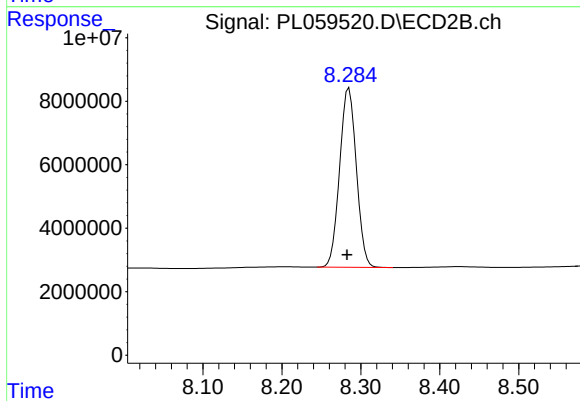
#21 Endrin ketone

R.T.: 7.827 min  
Delta R.T.: 0.002 min  
Response: 112114145  
Conc: 43.40 ng/ml



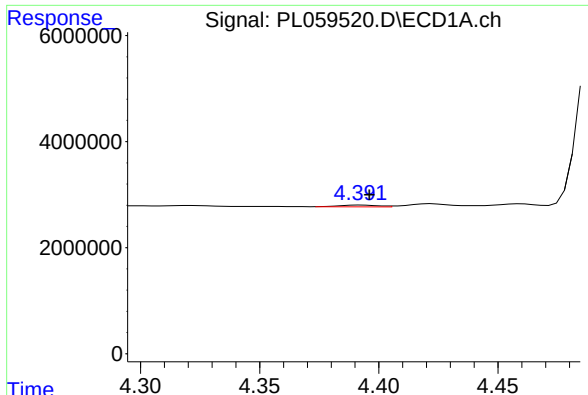
#22 Mirex

R.T.: 7.424 min  
Delta R.T.: 0.000 min  
Response: 61817568  
Conc: 43.78 ng/ml



#22 Mirex

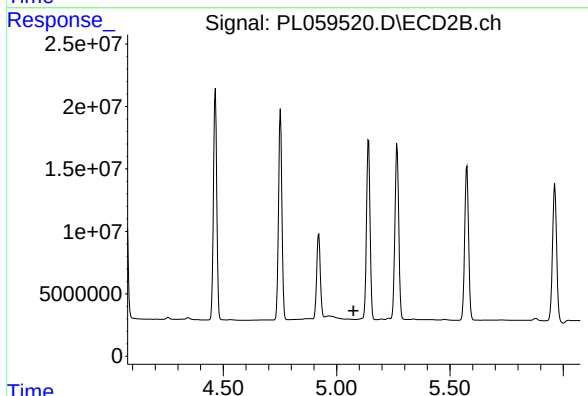
R.T.: 8.285 min  
Delta R.T.: 0.002 min  
Response: 83134503  
Conc: 42.09 ng/ml



#23 Chlordane-1

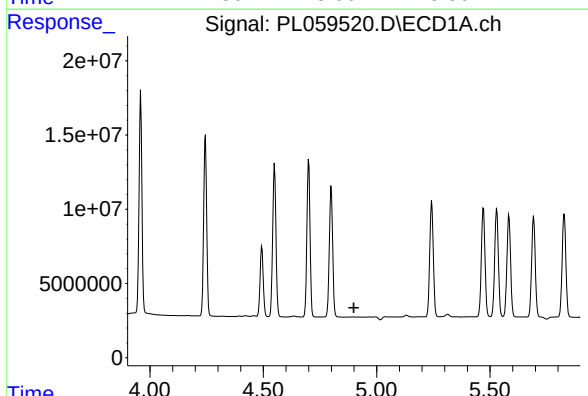
R.T.: 4.392 min  
Delta R.T.: -0.004 min  
Response: 356800  
Conc: 6.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



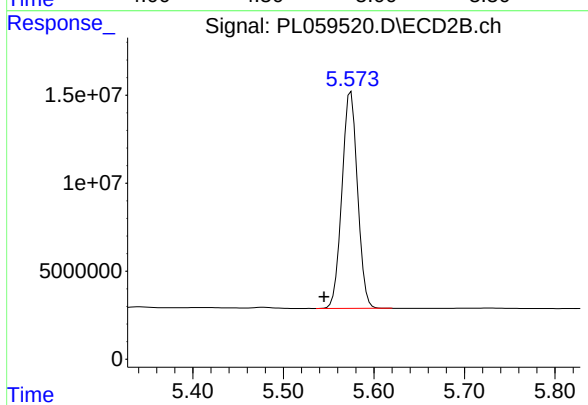
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.075 min  
Response: 0  
Conc: N.D.



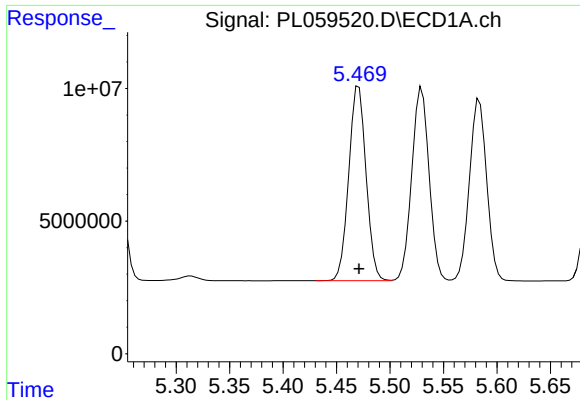
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.900 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

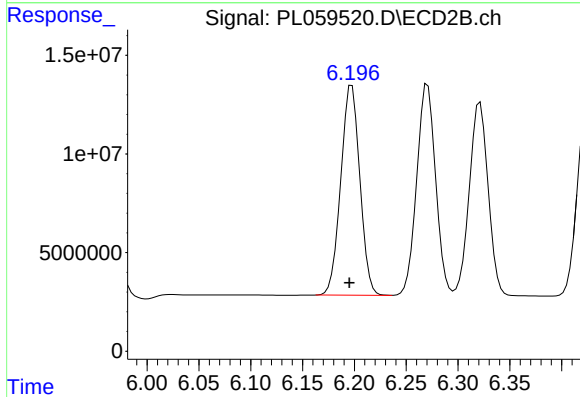
R.T.: 5.575 min  
Delta R.T.: 0.030 min  
Response: 147081179  
Conc: 1339.99 ng/ml



#25 Chlordane-3

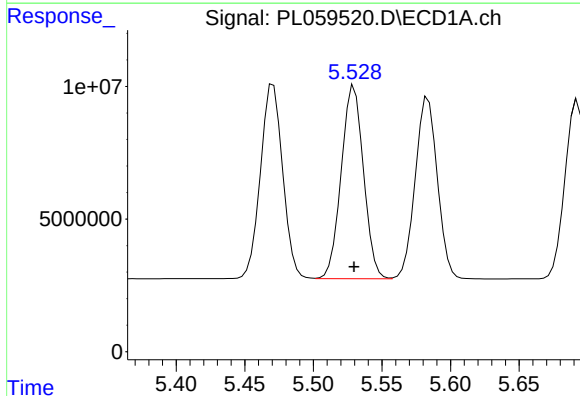
R.T.: 5.471 min  
Delta R.T.: 0.000 min  
Response: 82728793  
Conc: 584.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



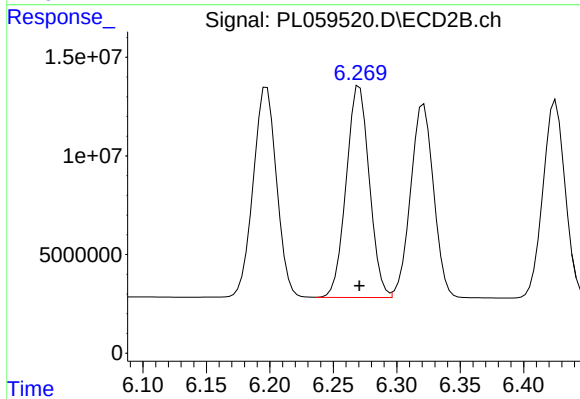
#25 Chlordane-3

R.T.: 6.198 min  
Delta R.T.: 0.002 min  
Response: 136222755  
Conc: 347.43 ng/ml



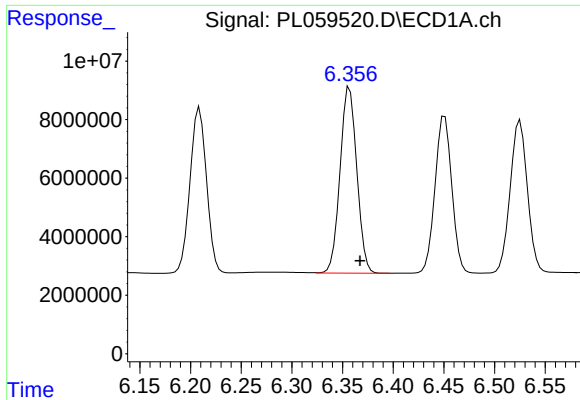
#26 Chlordane-4

R.T.: 5.530 min  
Delta R.T.: 0.000 min  
Response: 82416770  
Conc: 698.12 ng/ml



#26 Chlordane-4

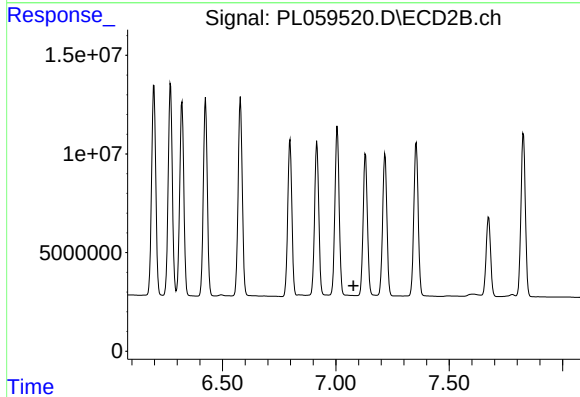
R.T.: 6.271 min  
Delta R.T.: 0.000 min  
Response: 135956946  
Conc: 286.14 ng/ml



#27 Chlordane-5

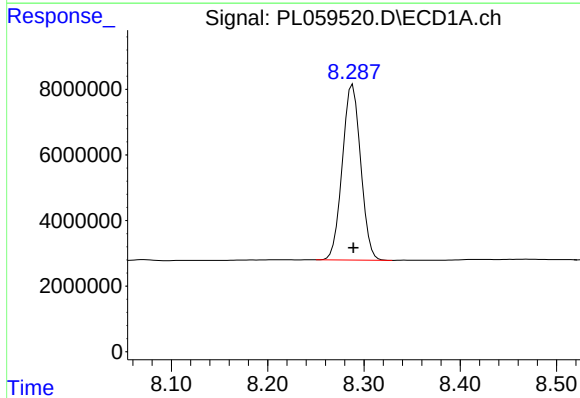
R.T.: 6.357 min  
Delta R.T.: -0.010 min  
Response: 73034097  
Conc: 1301.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



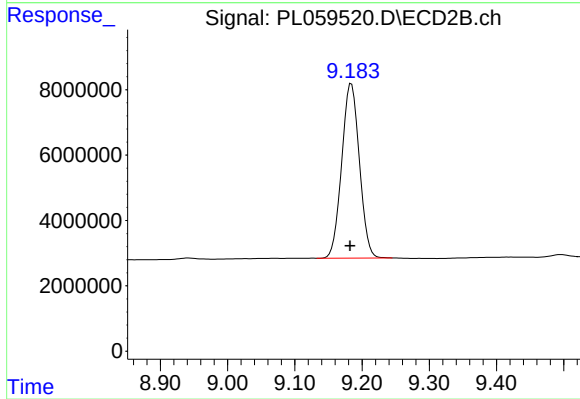
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.079 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.288 min  
Delta R.T.: 0.000 min  
Response: 70645156  
Conc: 41.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.184 min  
Delta R.T.: 0.002 min  
Response: 97351997  
Conc: 42.52 ng/ml