

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072319\  
 Data File : PL050715.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jul 2019 14:13  
 Operator : SM\AJ  
 Sample : PB121638BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 24 01:08:26 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 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... | 3.319 | 3.930  | 207.5E6 | 57726405 | 20.649   | 20.232     |
| 28)                         | SA Decachlor... | 7.982 | 8.961  | 212.7E6 | 58661080 | 21.004   | 20.744     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.747 | 4.318  | 985.2E6 | 235.3E6  | 58.790   | 57.018     |
| 3)                          | MA gamma-BHC... | 4.022 | 4.601  | 926.3E6 | 222.5E6  | 60.221   | 57.451     |
| 4)                          | MA Heptachlor   | 4.306 | 5.103  | 975.5E6 | 234.1E6  | 59.451   | 56.462     |
| 5)                          | MB Aldrin       | 4.544 | 5.405  | 936.4E6 | 219.9E6  | 60.448   | 58.352     |
| 6)                          | B beta-BHC      | 4.277 | 4.777  | 391.3E6 | 101.5E6  | 59.689   | 58.737     |
| 7)                          | B delta-BHC     | 4.470 | 4.991  | 905.2E6 | 199.7E6  | 55.163   | 51.627     |
| 8)                          | B Heptachlo...  | 4.981 | 5.792  | 884.6E6 | 209.3E6  | 59.877   | 54.725     |
| 9)                          | A Endosulfan I  | 5.311 | 6.147  | 846.1E6 | 195.8E6  | 58.178   | 56.927     |
| 10)                         | B gamma-Chl...  | 5.203 | 6.026  | 923.9E6 | 213.1E6  | 58.539   | 57.671     |
| 11)                         | B alpha-Chl...  | 5.258 | 6.097  | 893.3E6 | 210.8E6  | 58.553   | 57.505     |
| 12)                         | B 4,4'-DDE      | 5.426 | 6.258  | 893.6E6 | 210.1E6  | 59.633   | 58.315     |
| 13)                         | MA Dieldrin     | 5.550 | 6.403  | 911.3E6 | 204.7E6  | 58.806   | 57.797     |
| 14)                         | MA Endrin       | 5.802 | 6.621  | 768.9E6 | 158.1E6  | 52.231   | 50.977     |
| 15)                         | B Endosulfa...  | 6.078 | 6.833  | 799.9E6 | 177.3E6  | 57.160   | 55.767     |
| 16)                         | A 4,4'-DDD      | 5.936 | 6.749  | 735.9E6 | 160.4E6  | 61.406   | 60.248     |
| 17)                         | MA 4,4'-DDT     | 6.171 | 7.046  | 674.2E6 | 144.6E6  | 54.430   | 53.580     |
| 18)                         | B Endrin al...  | 6.245 | 6.957  | 662.6E6 | 146.7E6  | 57.432   | 53.988     |
| 19)                         | B Endosulfa...  | 6.456 | 7.180  | 695.9E6 | 156.3E6  | 54.625   | 54.126     |
| 20)                         | A Methoxychlor  | 6.716 | 7.507  | 304.7E6 | 76803699 | 48.843   | 52.345     |
| 21)                         | B Endrin ke...  | 6.938 | 7.648  | 783.0E6 | 173.6E6  | 57.245   | 60.045     |
| 22)                         | Mirex           | 7.111 | 8.098  | 484.8E6 | 123.5E6  | 49.448   | 53.779     |
| 24)                         | Chlordane-2     | 0.000 | 5.405f | 0       | 219.9E6  | N.D.     | 1872.175 # |
| 25)                         | Chlordane-3     | 5.203 | 6.026  | 923.9E6 | 213.1E6  | 660.047  | 443.074 #  |
| 26)                         | Chlordane-4     | 5.258 | 6.097  | 893.3E6 | 210.8E6  | 677.256  | 362.815 #  |
| 27)                         | Chlordane-5     | 6.078 | 0.000  | 799.9E6 | 0        | 1574.885 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

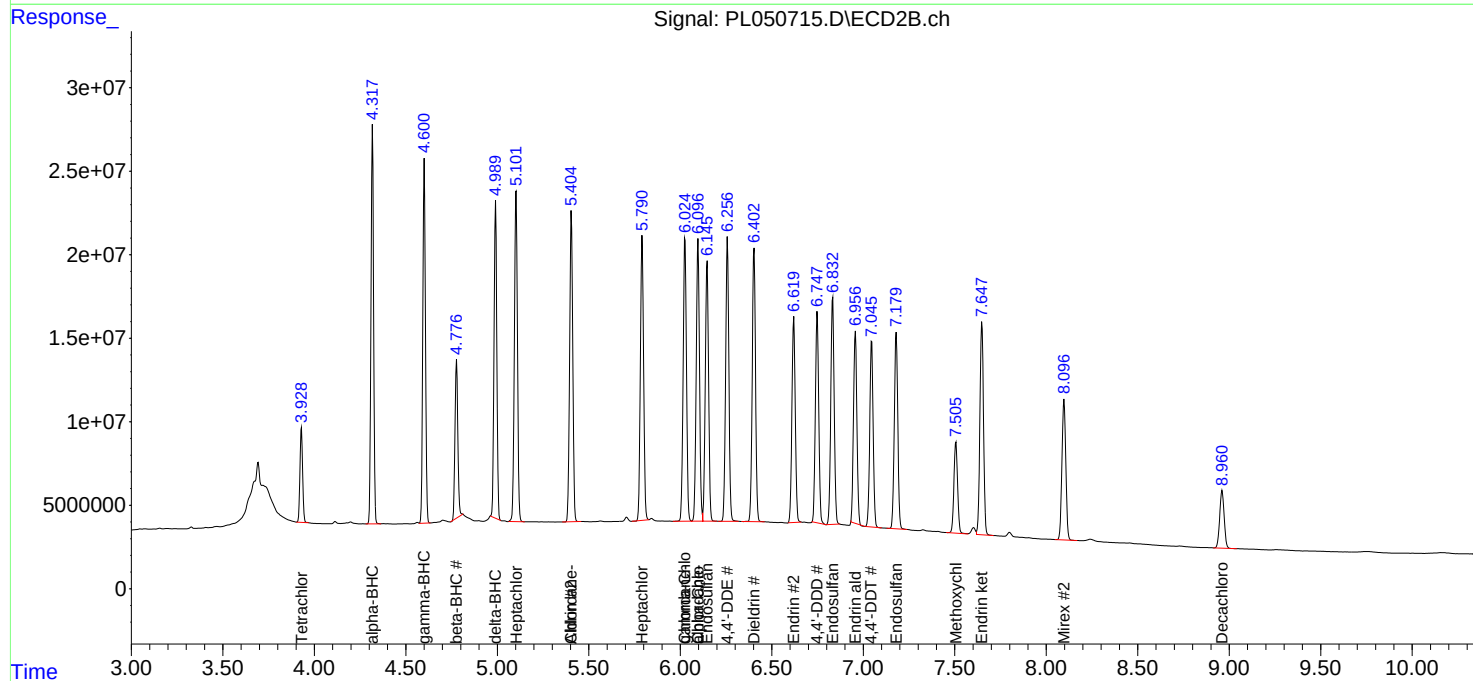
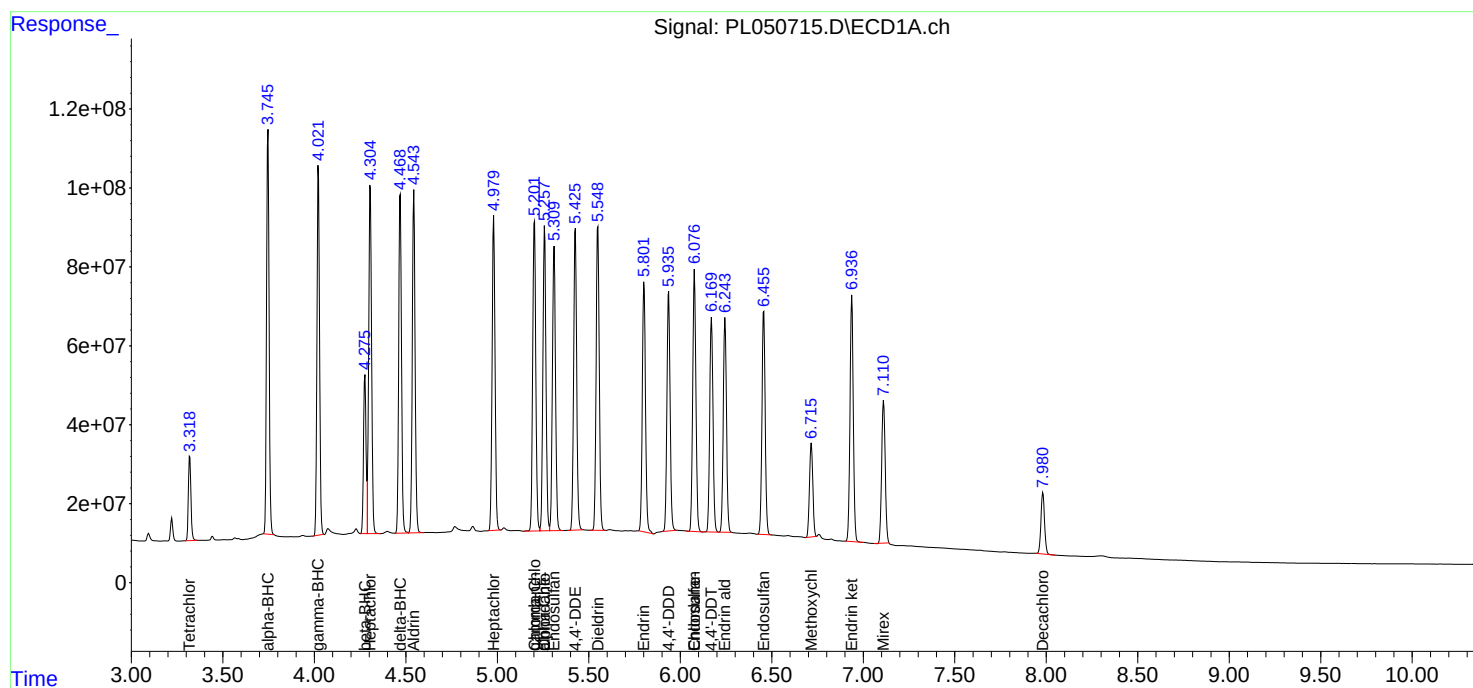
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

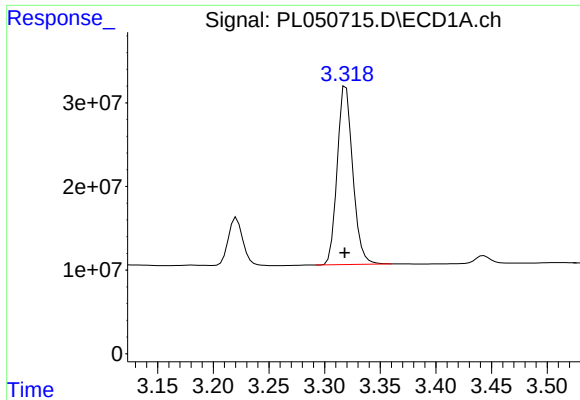
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072319\  
Data File : PL050715.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jul 2019 14:13  
Operator : SM\AJ  
Sample : PB121638BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 24 01:08:26 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 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

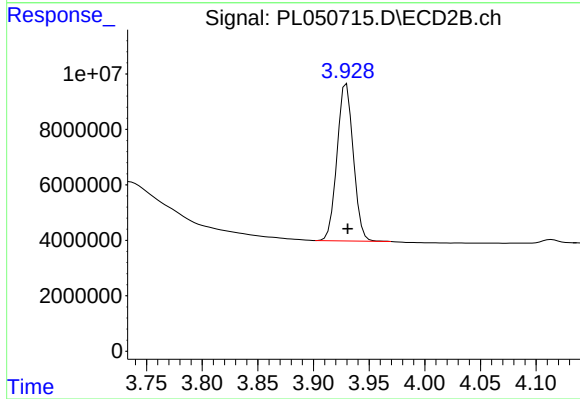




#1 Tetrachloro-m-xylene

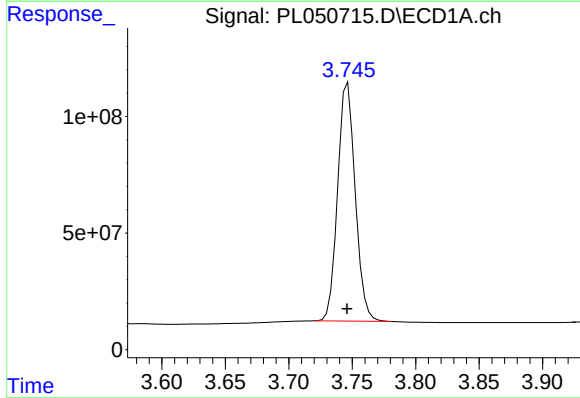
R.T.: 3.319 min  
Delta R.T.: 0.001 min  
Response: 207476917  
Conc: 20.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



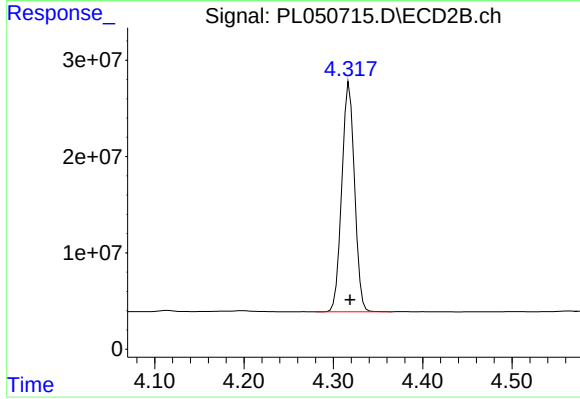
#1 Tetrachloro-m-xylene

R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 57726405  
Conc: 20.23 ng/ml



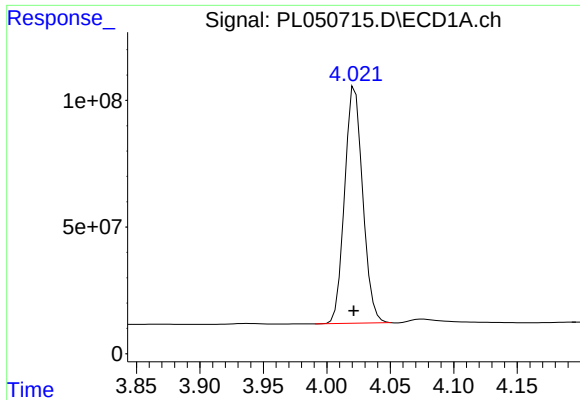
#2 alpha-BHC

R.T.: 3.747 min  
Delta R.T.: 0.000 min  
Response: 985180660  
Conc: 58.79 ng/ml



#2 alpha-BHC

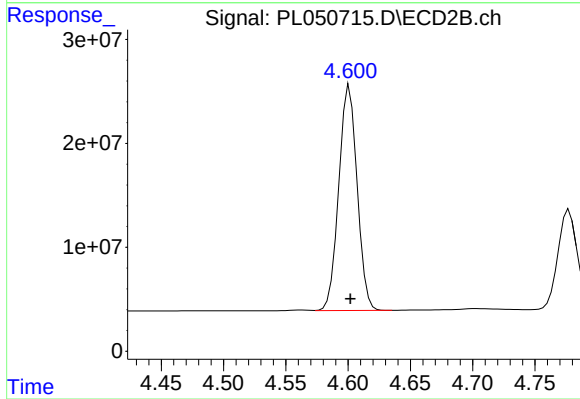
R.T.: 4.318 min  
Delta R.T.: 0.000 min  
Response: 235257103  
Conc: 57.02 ng/ml



#3 gamma-BHC (Lindane)

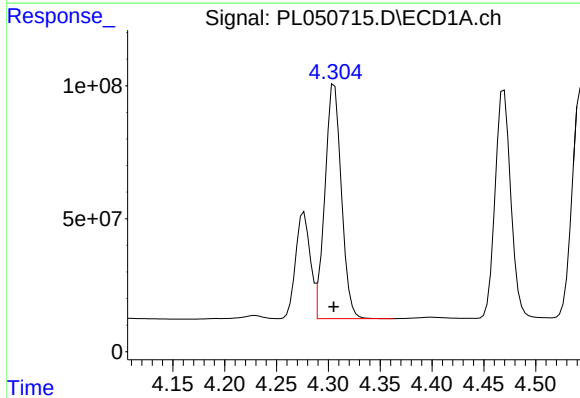
R.T.: 4.022 min  
Delta R.T.: 0.000 min  
Response: 926302415  
Conc: 60.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



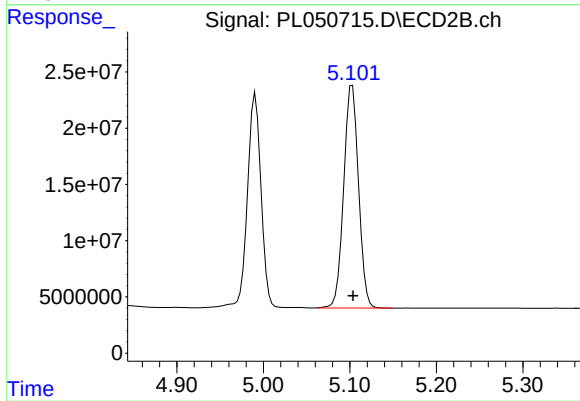
#3 gamma-BHC (Lindane)

R.T.: 4.601 min  
Delta R.T.: 0.000 min  
Response: 222517602  
Conc: 57.45 ng/ml



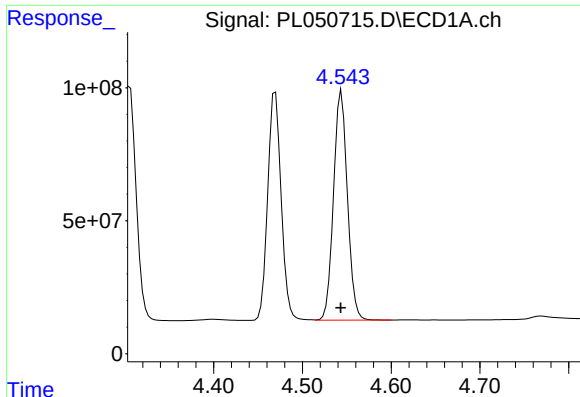
#4 Heptachlor

R.T.: 4.306 min  
Delta R.T.: 0.000 min  
Response: 975459634  
Conc: 59.45 ng/ml



#4 Heptachlor

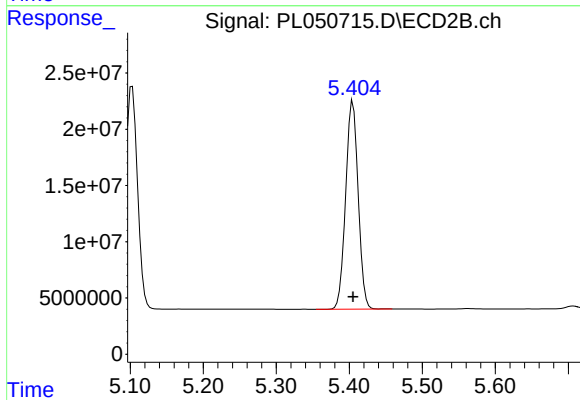
R.T.: 5.103 min  
Delta R.T.: 0.000 min  
Response: 234131111  
Conc: 56.46 ng/ml



#5 Aldrin

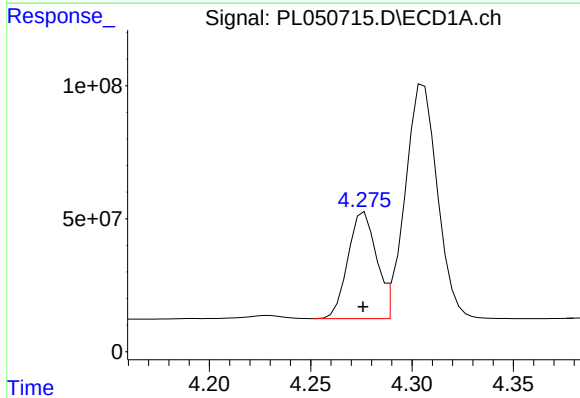
R.T.: 4.544 min  
Delta R.T.: 0.000 min  
Response: 936435603  
Conc: 60.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



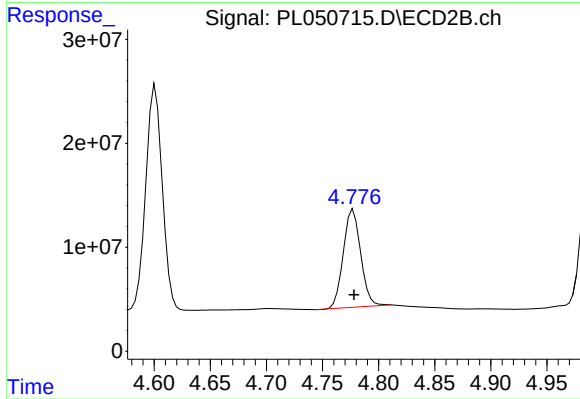
#5 Aldrin

R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 219891520  
Conc: 58.35 ng/ml



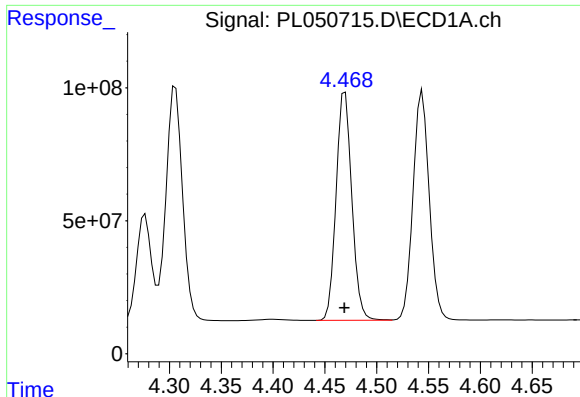
#6 beta-BHC

R.T.: 4.277 min  
Delta R.T.: 0.000 min  
Response: 391311590  
Conc: 59.69 ng/ml



#6 beta-BHC

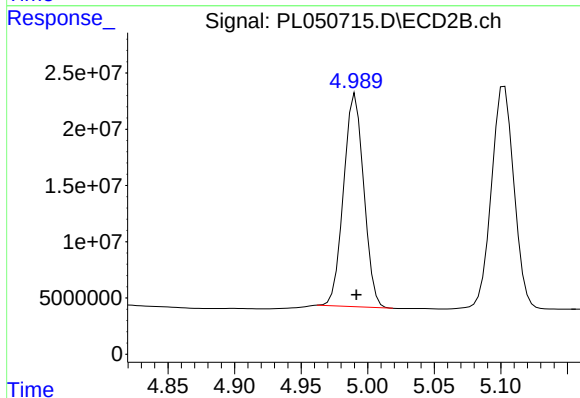
R.T.: 4.777 min  
Delta R.T.: 0.000 min  
Response: 101548022  
Conc: 58.74 ng/ml



#7 delta-BHC

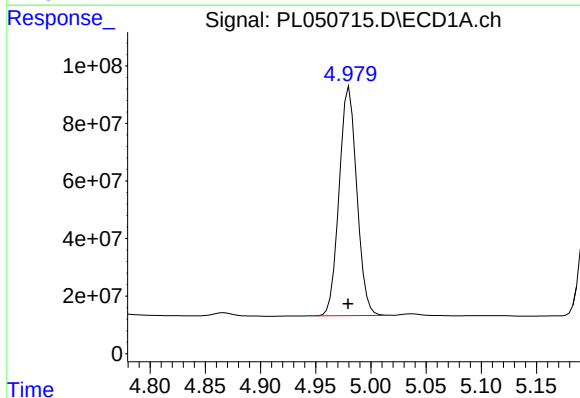
R.T.: 4.470 min  
Delta R.T.: 0.000 min  
Response: 905158328  
Conc: 55.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



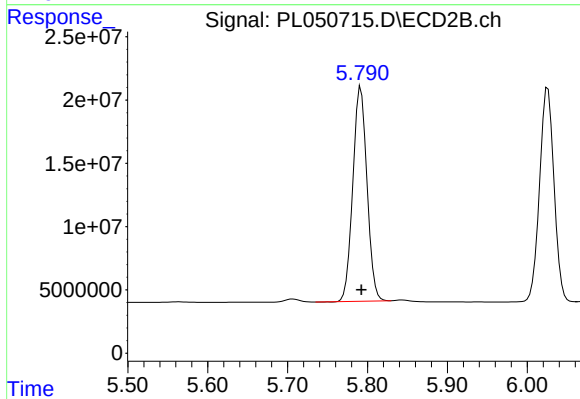
#7 delta-BHC

R.T.: 4.991 min  
Delta R.T.: 0.000 min  
Response: 199673080  
Conc: 51.63 ng/ml



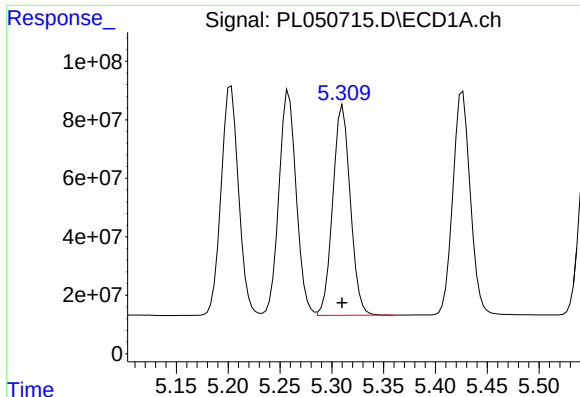
#8 Heptachlor epoxide

R.T.: 4.981 min  
Delta R.T.: 0.001 min  
Response: 884603546  
Conc: 59.88 ng/ml



#8 Heptachlor epoxide

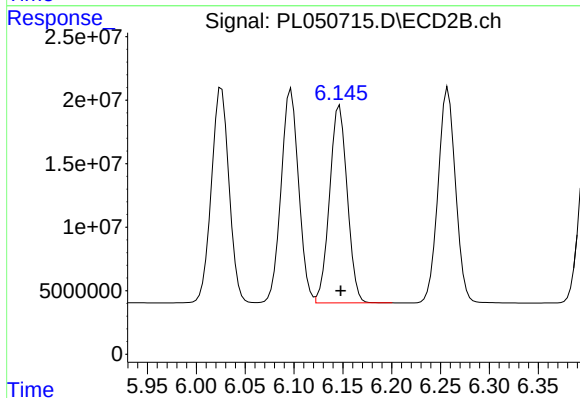
R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 209314952  
Conc: 54.73 ng/ml



#9 Endosulfan I

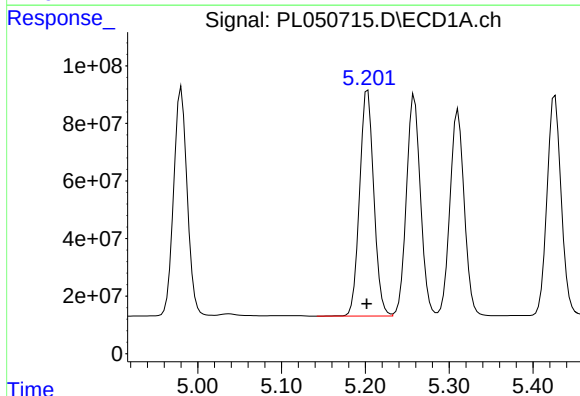
R.T.: 5.311 min  
Delta R.T.: 0.000 min  
Response: 846132203  
Conc: 58.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



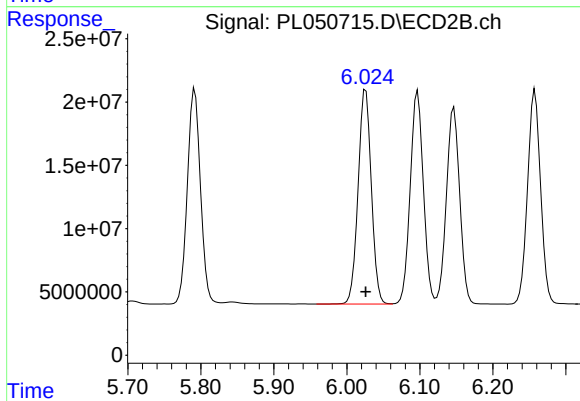
#9 Endosulfan I

R.T.: 6.147 min  
Delta R.T.: -0.001 min  
Response: 195763823  
Conc: 56.93 ng/ml



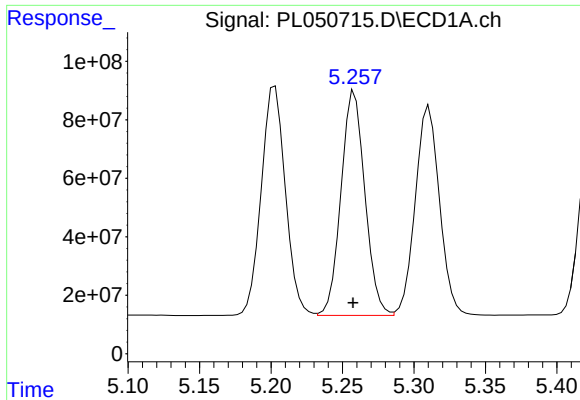
#10 gamma-Chlordane

R.T.: 5.203 min  
Delta R.T.: 0.001 min  
Response: 923926170  
Conc: 58.54 ng/ml



#10 gamma-Chlordane

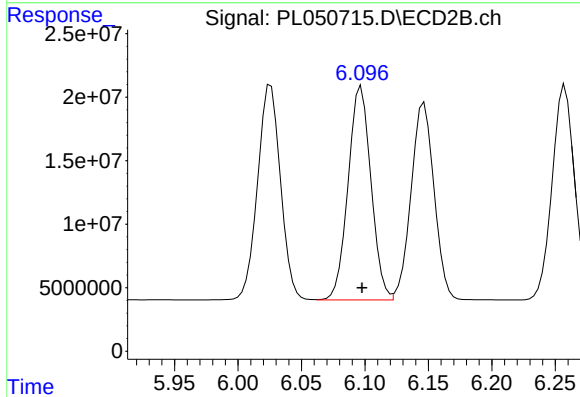
R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 213109586  
Conc: 57.67 ng/ml



#11 alpha-Chlordane

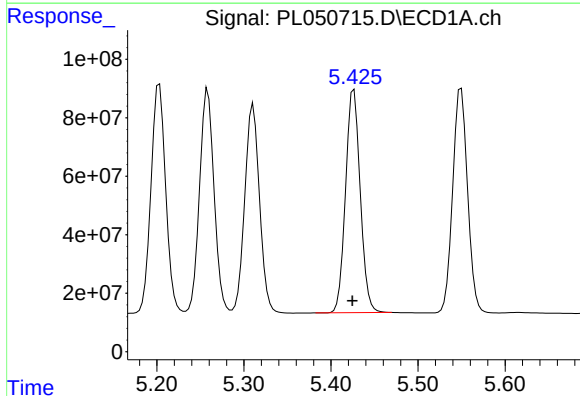
R.T.: 5.258 min  
Delta R.T.: 0.001 min  
Response: 893286374  
Conc: 58.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



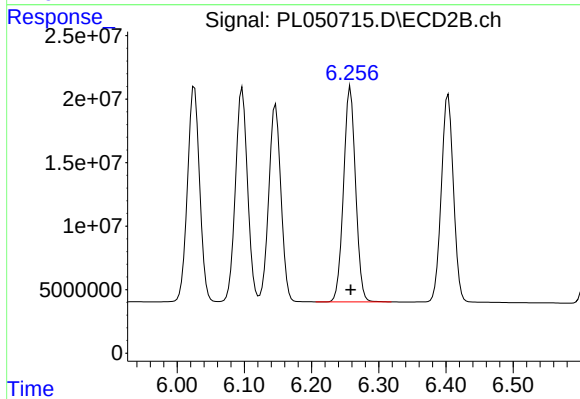
#11 alpha-Chlordane

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 210766026  
Conc: 57.51 ng/ml



#12 4,4'-DDE

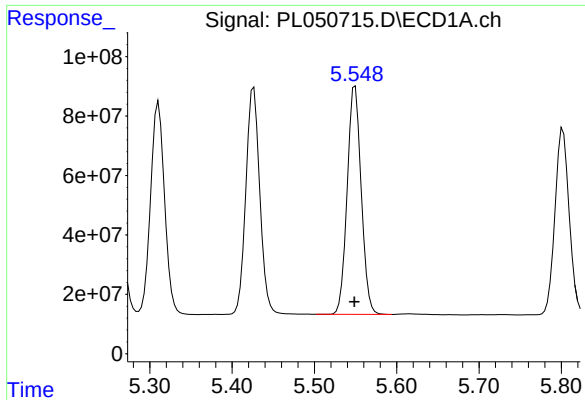
R.T.: 5.426 min  
Delta R.T.: 0.002 min  
Response: 893647600  
Conc: 59.63 ng/ml



#12 4,4'-DDE

R.T.: 6.258 min  
Delta R.T.: 0.000 min  
Response: 210133062  
Conc: 58.32 ng/ml

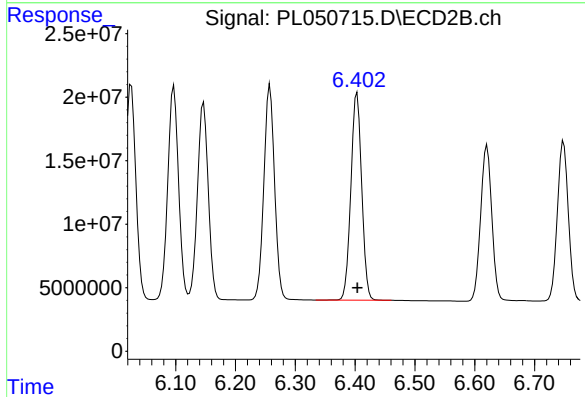




#13 Dieldrin

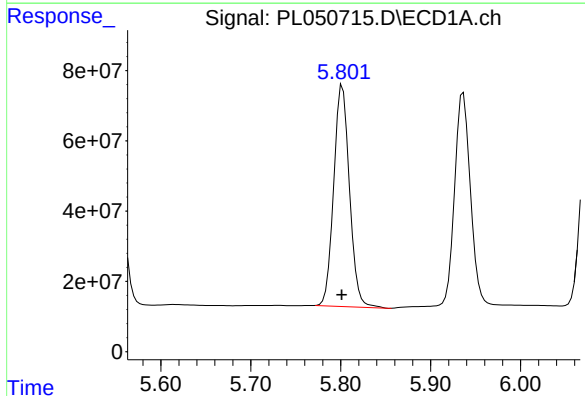
R.T.: 5.550 min  
Delta R.T.: 0.000 min  
Response: 911298632  
Conc: 58.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



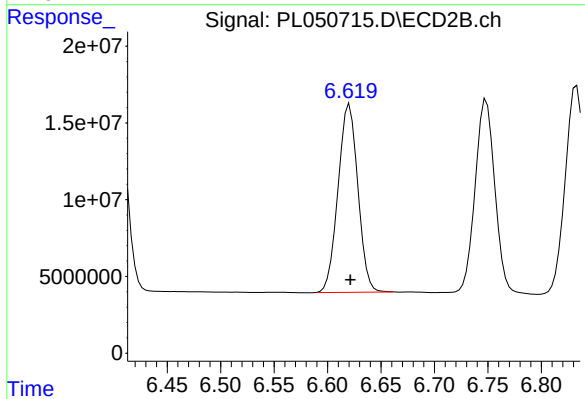
#13 Dieldrin

R.T.: 6.403 min  
Delta R.T.: 0.000 min  
Response: 204666276  
Conc: 57.80 ng/ml



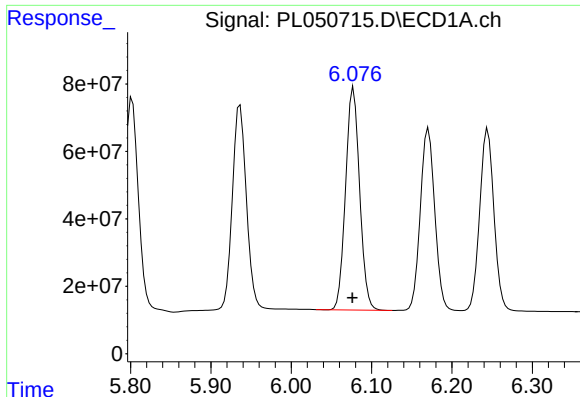
#14 Endrin

R.T.: 5.802 min  
Delta R.T.: 0.000 min  
Response: 768871837  
Conc: 52.23 ng/ml



#14 Endrin

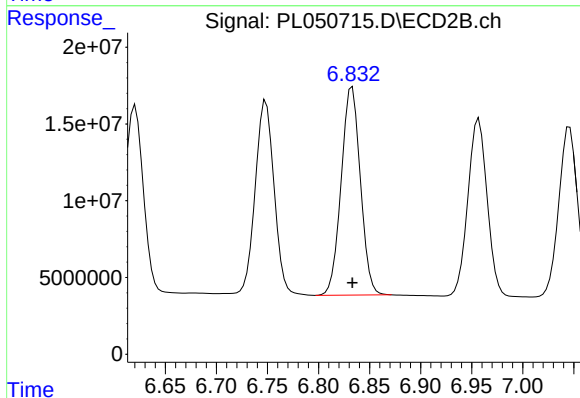
R.T.: 6.621 min  
Delta R.T.: 0.000 min  
Response: 158100805  
Conc: 50.98 ng/ml



#15 Endosulfan II

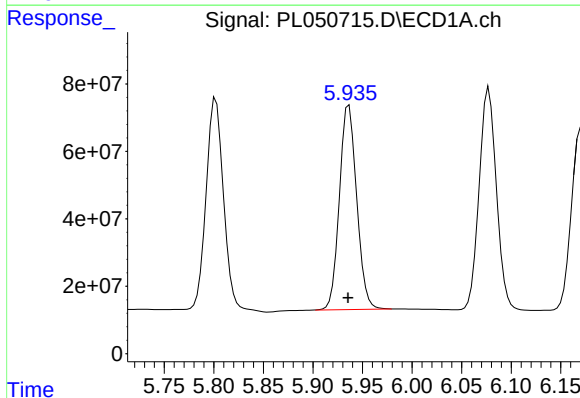
R.T.: 6.078 min  
Delta R.T.: 0.001 min  
Response: 799942396  
Conc: 57.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



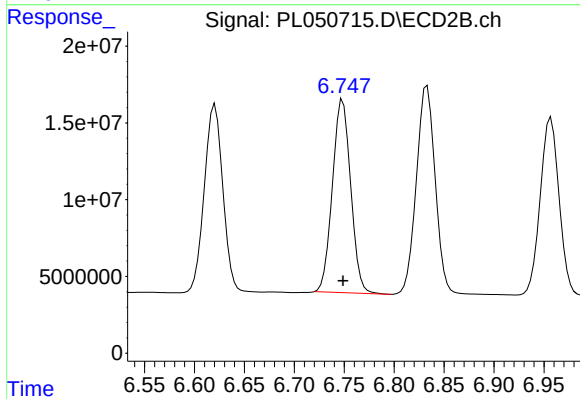
#15 Endosulfan II

R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 177293539  
Conc: 55.77 ng/ml



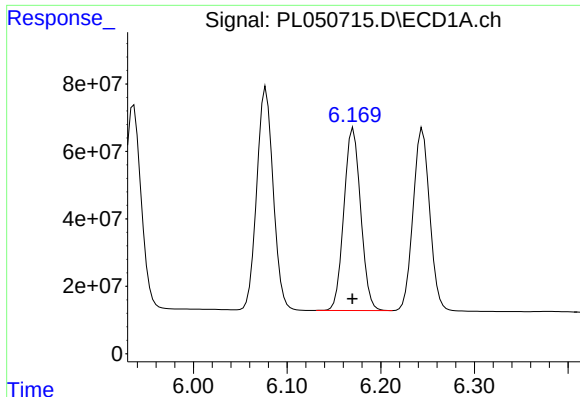
#16 4,4'-DDD

R.T.: 5.936 min  
Delta R.T.: 0.001 min  
Response: 735880209  
Conc: 61.41 ng/ml



#16 4,4'-DDD

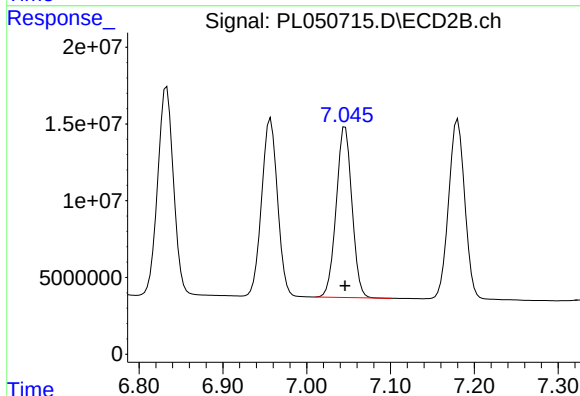
R.T.: 6.749 min  
Delta R.T.: 0.000 min  
Response: 160434966  
Conc: 60.25 ng/ml



#17 4,4'-DDT

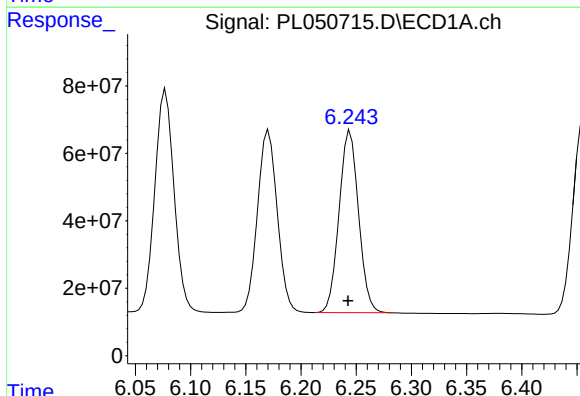
R.T.: 6.171 min  
Delta R.T.: 0.001 min  
Response: 674154207  
Conc: 54.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



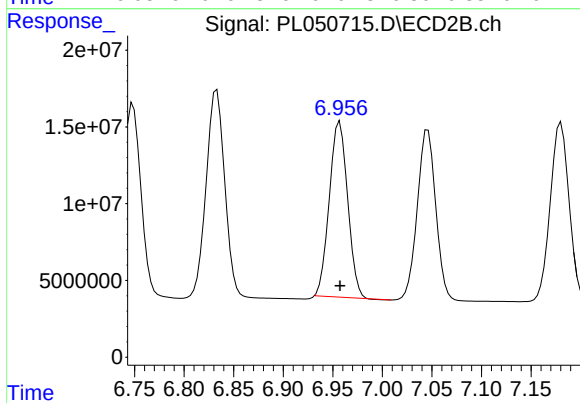
#17 4,4'-DDT

R.T.: 7.046 min  
Delta R.T.: 0.000 min  
Response: 144642896  
Conc: 53.58 ng/ml



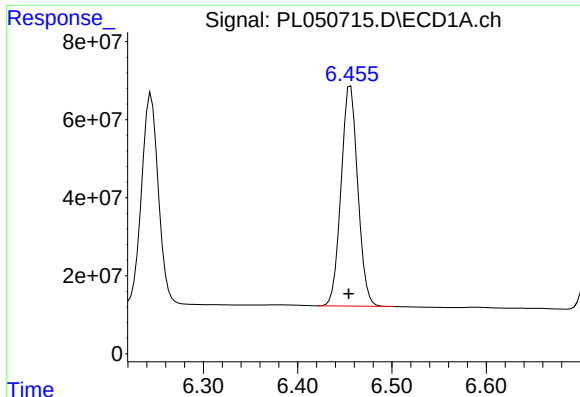
#18 Endrin aldehyde

R.T.: 6.245 min  
Delta R.T.: 0.002 min  
Response: 662555045  
Conc: 57.43 ng/ml



#18 Endrin aldehyde

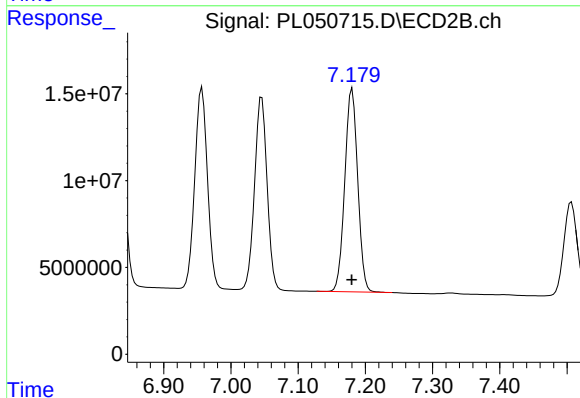
R.T.: 6.957 min  
Delta R.T.: 0.000 min  
Response: 146718485  
Conc: 53.99 ng/ml



#19 Endosulfan Sulfate

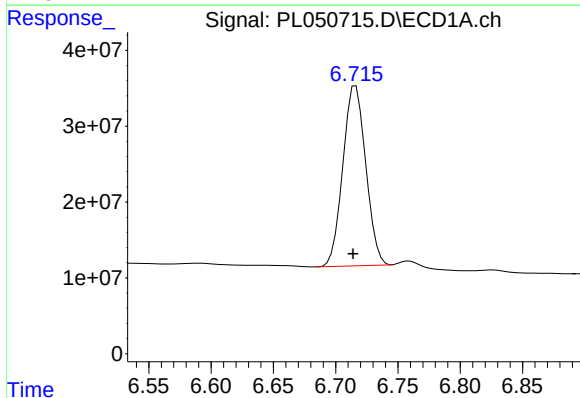
R.T.: 6.456 min  
Delta R.T.: 0.002 min  
Response: 695894199  
Conc: 54.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



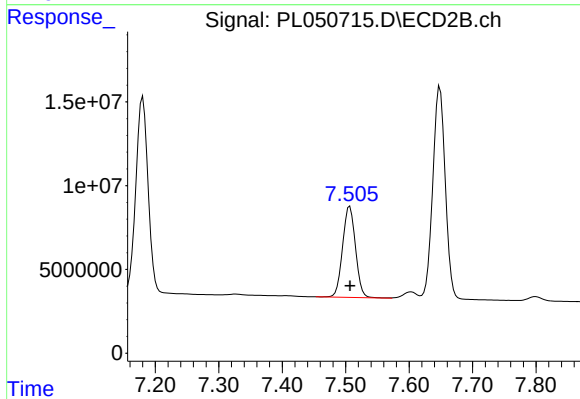
#19 Endosulfan Sulfate

R.T.: 7.180 min  
Delta R.T.: 0.000 min  
Response: 156328437  
Conc: 54.13 ng/ml



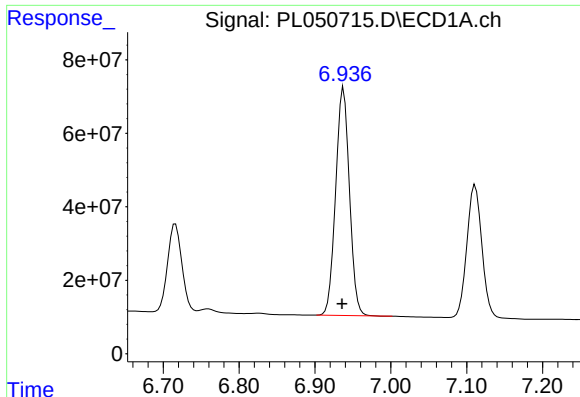
#20 Methoxychlor

R.T.: 6.716 min  
Delta R.T.: 0.002 min  
Response: 304727075  
Conc: 48.84 ng/ml



#20 Methoxychlor

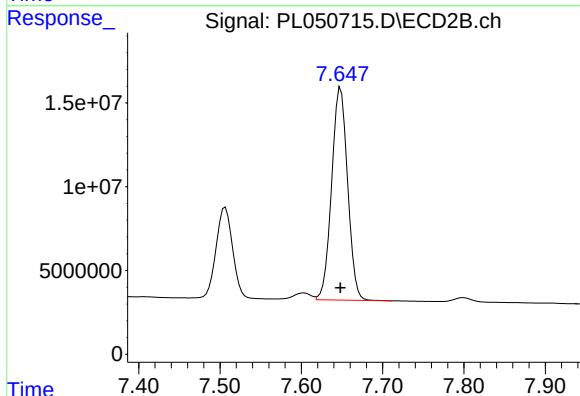
R.T.: 7.507 min  
Delta R.T.: 0.000 min  
Response: 76803699  
Conc: 52.34 ng/ml



#21 Endrin ketone

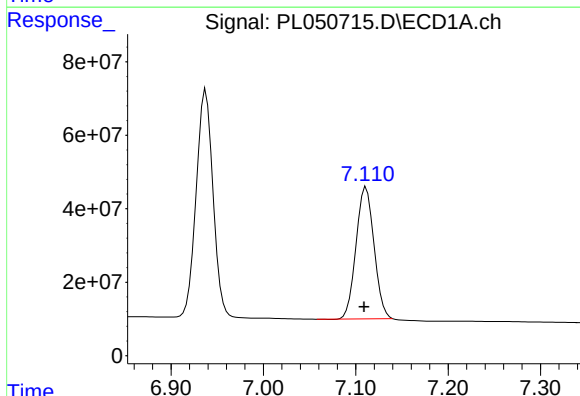
R.T.: 6.938 min  
Delta R.T.: 0.002 min  
Response: 782963271  
Conc: 57.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



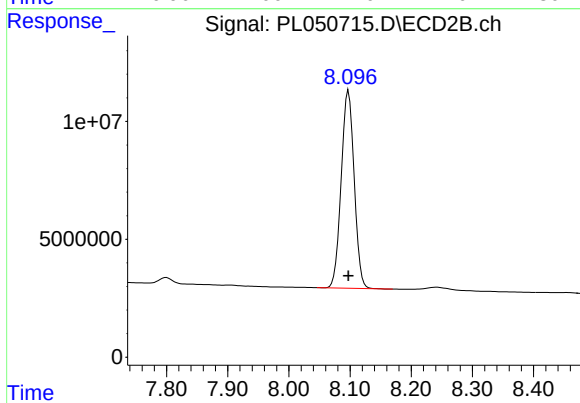
#21 Endrin ketone

R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 173608110  
Conc: 60.05 ng/ml



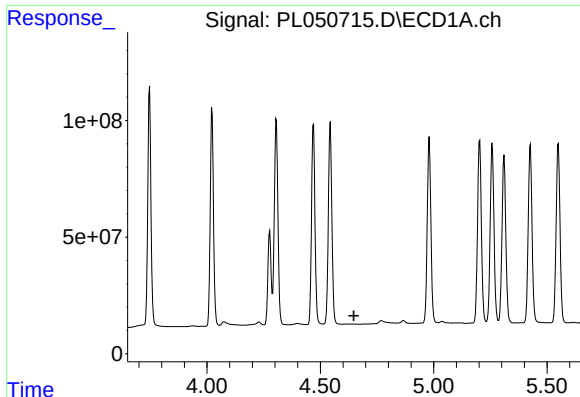
#22 Mirex

R.T.: 7.111 min  
Delta R.T.: 0.002 min  
Response: 484806525  
Conc: 49.45 ng/ml



#22 Mirex

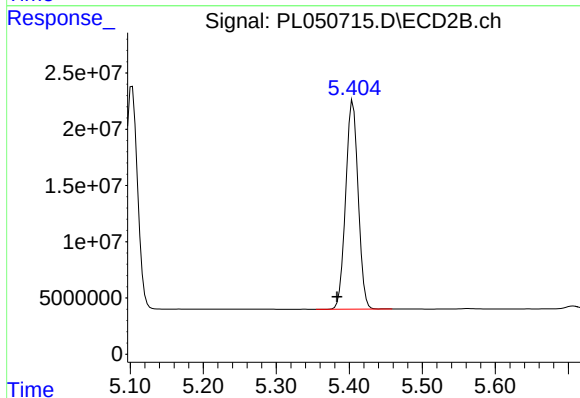
R.T.: 8.098 min  
Delta R.T.: 0.000 min  
Response: 123530582  
Conc: 53.78 ng/ml



#24 Chlordane-2

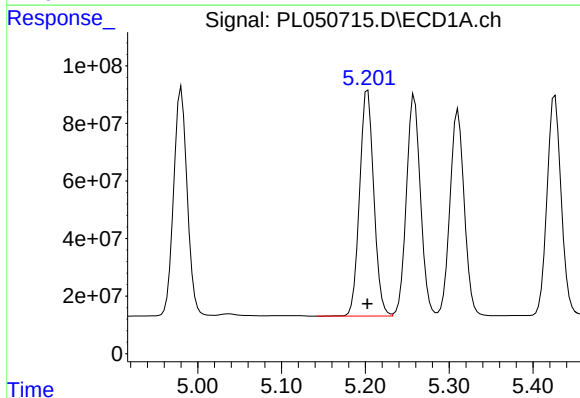
R.T.: 0.000 min  
Exp R.T.: 4.647 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



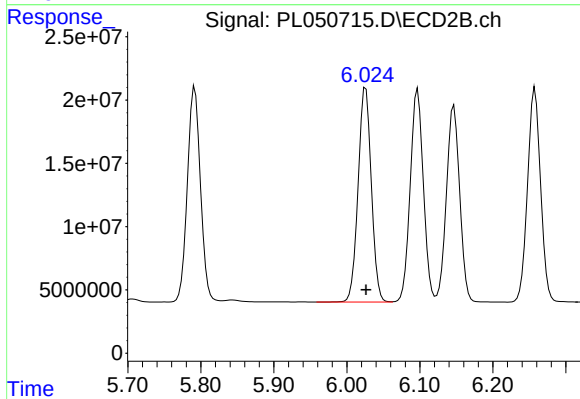
#24 Chlordane-2

R.T.: 5.405 min  
Delta R.T.: 0.022 min  
Response: 219891520  
Conc: 1872.17 ng/ml



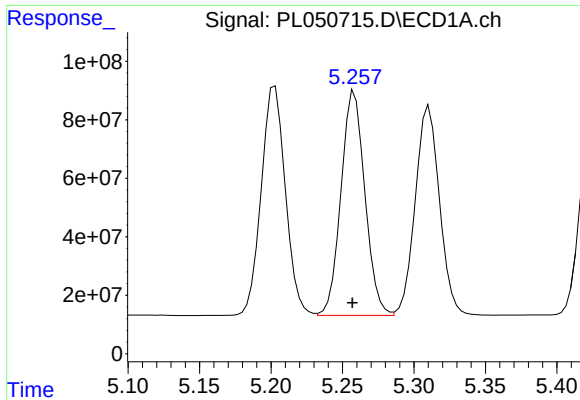
#25 Chlordane-3

R.T.: 5.203 min  
Delta R.T.: 0.000 min  
Response: 923926170  
Conc: 660.05 ng/ml



#25 Chlordane-3

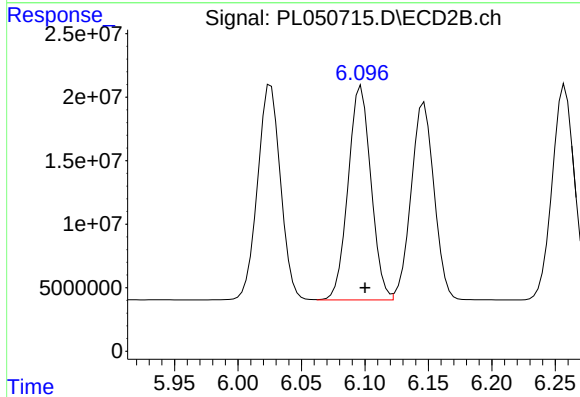
R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 213109586  
Conc: 443.07 ng/ml



#26 Chlordane-4

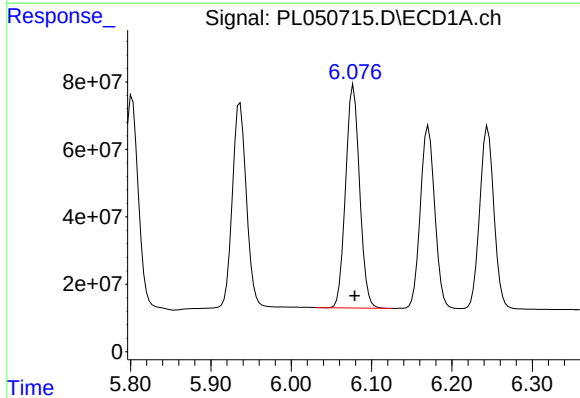
R.T.: 5.258 min  
Delta R.T.: 0.002 min  
Response: 893286374  
Conc: 677.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



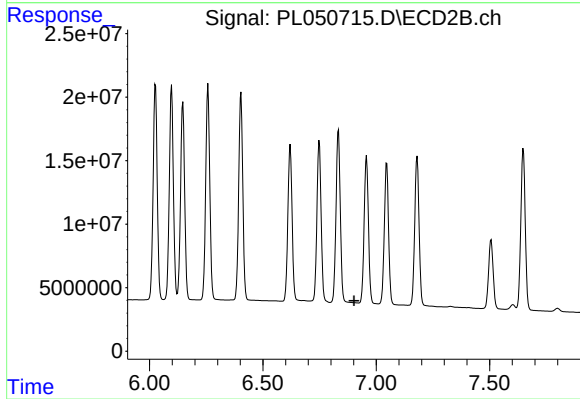
#26 Chlordane-4

R.T.: 6.097 min  
Delta R.T.: -0.003 min  
Response: 210766026  
Conc: 362.82 ng/ml



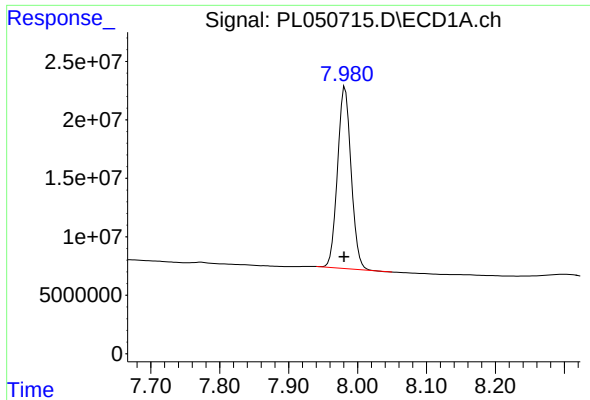
#27 Chlordane-5

R.T.: 6.078 min  
Delta R.T.: -0.002 min  
Response: 799942396  
Conc: 1574.89 ng/ml



#27 Chlordane-5

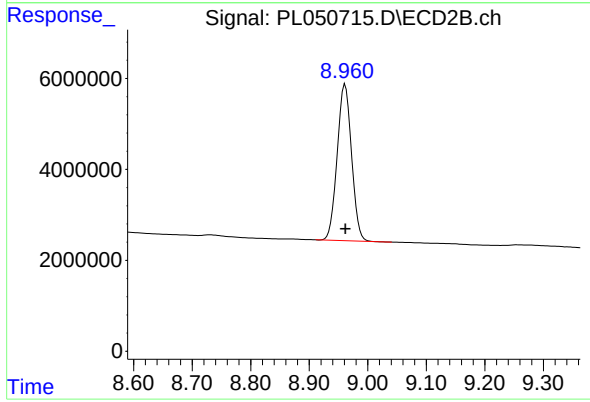
R.T.: 0.000 min  
Exp R.T.: 6.902 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.982 min  
Delta R.T.: 0.001 min  
Response: 212675676  
Conc: 21.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.961 min  
Delta R.T.: 0.000 min  
Response: 58661080  
Conc: 20.74 ng/ml