

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092023\  
 Data File : PL085437.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Sep 2023 17:15  
 Operator : AR\AJ  
 Sample : PB155712BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 21 00:20:50 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091923.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 20 10:25:09 2023  
 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... | 3.414  | 2.650 | 55655396 | 24537298 | 16.711   | 16.130    |
| 28)                         | SA Decachlor... | 8.947  | 7.826 | 62836688 | 35819915 | 18.461   | 18.296    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.871  | 3.153 | 270.9E6  | 124.4E6  | 54.963   | 53.370    |
| 3)                          | MA gamma-BHC... | 4.204  | 3.483 | 255.0E6  | 118.4E6  | 52.160   | 51.382    |
| 4)                          | MA Heptachlor   | 4.794  | 3.822 | 263.1E6  | 120.9E6  | 57.085   | 56.210    |
| 5)                          | MB Aldrin       | 5.135  | 4.101 | 253.4E6  | 119.5E6  | 52.353   | 51.072    |
| 6)                          | B beta-BHC      | 4.405  | 3.785 | 106.6E6  | 49727031 | 51.197   | 51.743    |
| 7)                          | B delta-BHC     | 4.650  | 4.013 | 256.6E6  | 121.5E6  | 53.796   | 52.609    |
| 8)                          | B Heptachlo...  | 5.565  | 4.607 | 233.3E6  | 109.6E6  | 54.362   | 52.998    |
| 9)                          | A Endosulfan I  | 5.951  | 4.976 | 220.6E6  | 106.6E6  | 53.522   | 52.199    |
| 10)                         | B gamma-Chl...  | 5.823  | 4.860 | 236.3E6  | 114.0E6  | 53.879   | 53.770    |
| 11)                         | B alpha-Chl...  | 5.903  | 4.924 | 232.4E6  | 113.7E6  | 52.866   | 52.235    |
| 12)                         | B 4,4'-DDE      | 6.085  | 5.123 | 215.2E6  | 108.6E6  | 53.953   | 53.669    |
| 13)                         | MA Dieldrin     | 6.228  | 5.243 | 227.6E6  | 114.5E6  | 52.460   | 52.372    |
| 14)                         | MA Endrin       | 6.458  | 5.518 | 196.6E6  | 103.0E6  | 54.782   | 54.976    |
| 15)                         | B Endosulfa...  | 6.680  | 5.817 | 191.3E6  | 97547290 | 48.348   | 49.745    |
| 16)                         | A 4,4'-DDD      | 6.605  | 5.681 | 175.8E6  | 92213328 | 53.954   | 53.610    |
| 17)                         | MA 4,4'-DDT     | 6.920  | 5.933 | 195.6E6  | 100.1E6  | 54.481   | 54.919    |
| 18)                         | B Endrin al...  | 6.812  | 5.999 | 129.0E6  | 80277155 | 44.282   | 50.667    |
| 19)                         | B Endosulfa...  | 7.048  | 6.224 | 192.3E6  | 100.7E6  | 52.604   | 53.533    |
| 20)                         | A Methoxychlor  | 7.406  | 6.519 | 108.4E6  | 54317660 | 49.480   | 51.205    |
| 21)                         | B Endrin ke...  | 7.531  | 6.728 | 208.5E6  | 124.7E6  | 51.367   | 49.955    |
| 22)                         | Mirex           | 8.005  | 6.906 | 161.5E6  | 91621169 | 50.804   | 50.396    |
| 23)                         | Chlordane-1     | 0.000  | 3.656 | 0        | 106824   | N.D.     | 1.917 #   |
| 24)                         | Chlordane-2     | 5.135f | 4.217 | 253.4E6  | 501243   | 1528.762 | 6.506 #   |
| 25)                         | Chlordane-3     | 5.823  | 4.860 | 236.3E6  | 114.0E6  | 372.599  | 551.346 # |
| 26)                         | Chlordane-4     | 5.903  | 4.924 | 232.4E6  | 113.7E6  | 297.317  | 503.168 # |
| 27)                         | Chlordane-5     | 0.000  | 5.597 | 0        | 84221    | N.D.     | 1.362 #   |
| -----                       |                 |        |       |          |          |          |           |

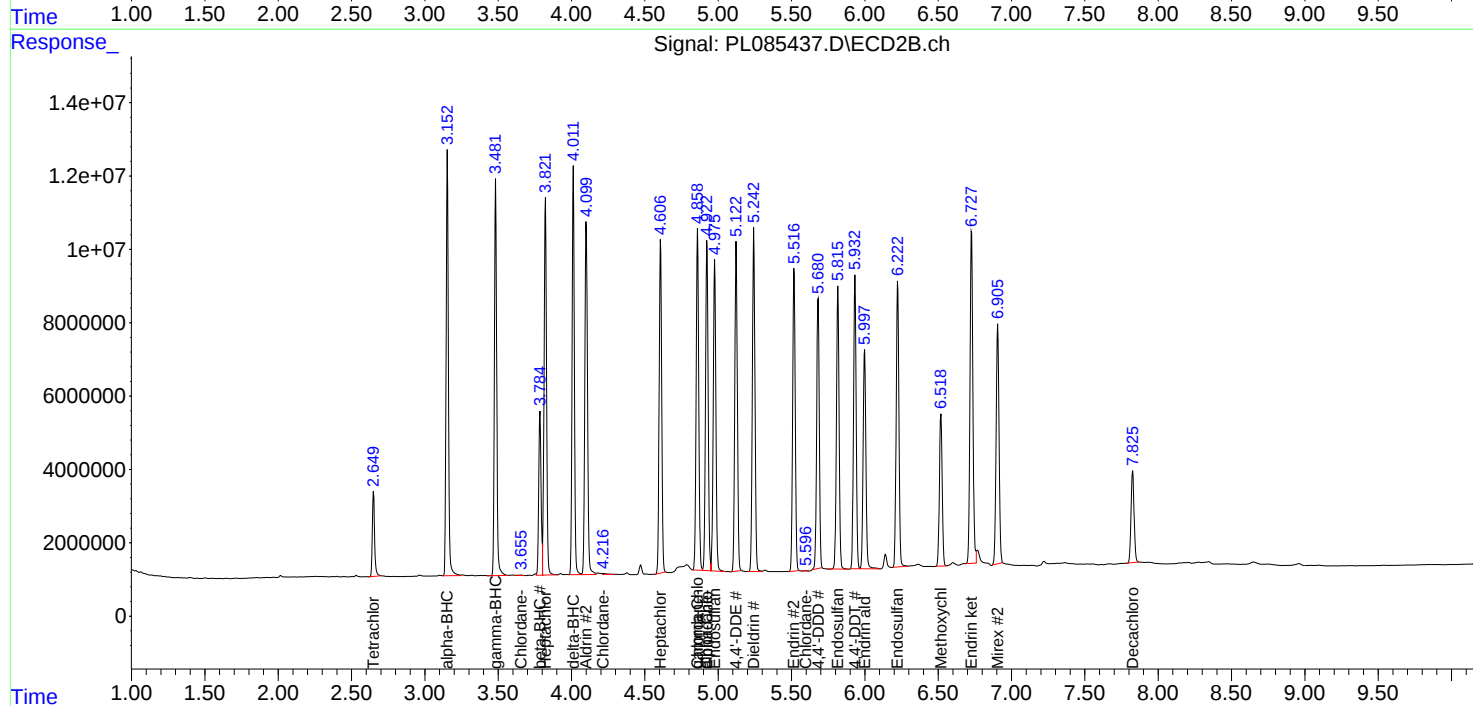
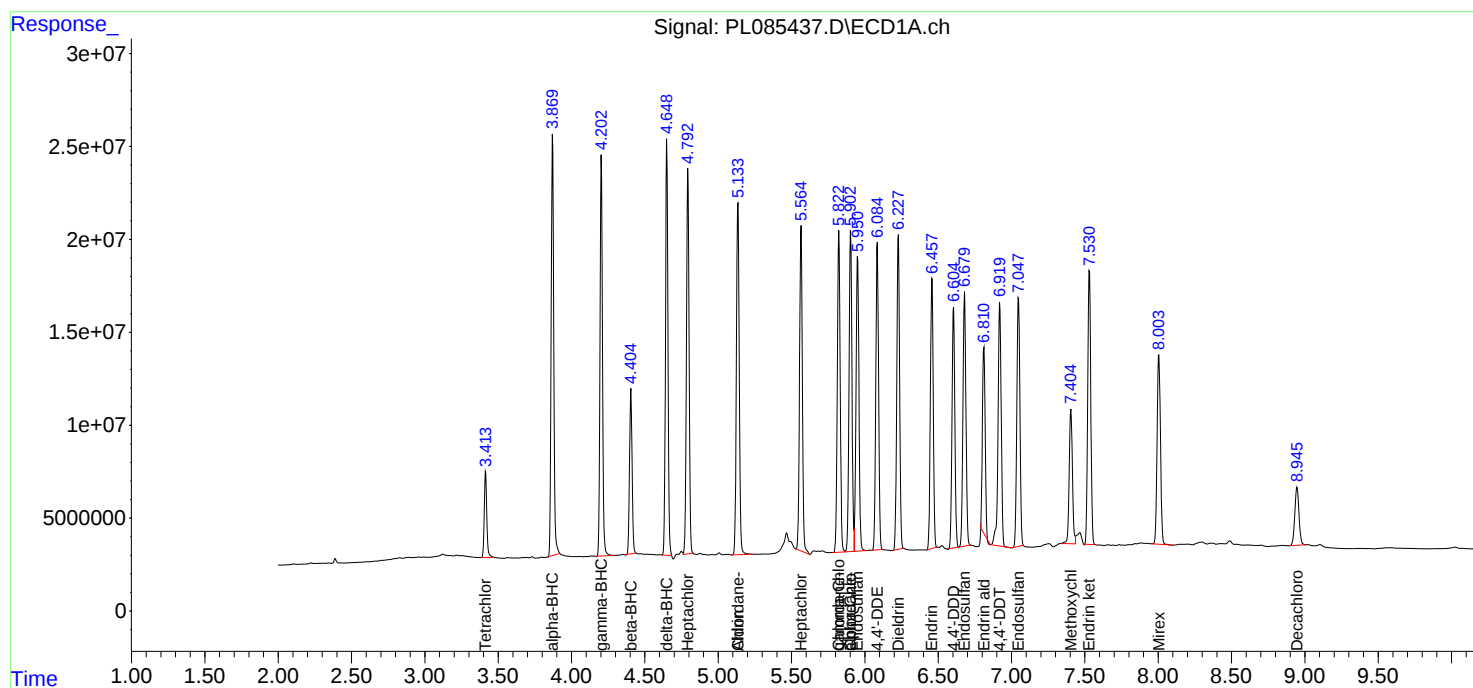
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

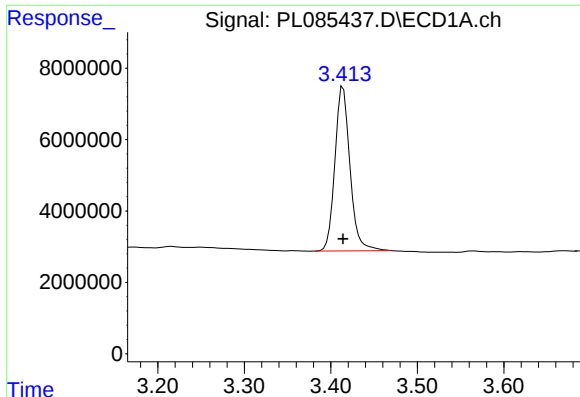
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092023\  
Data File : PL085437.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Sep 2023 17:15  
Operator : AR\AJ  
Sample : PB155712BS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 21 00:20:50 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091923.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 20 10:25:09 2023  
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

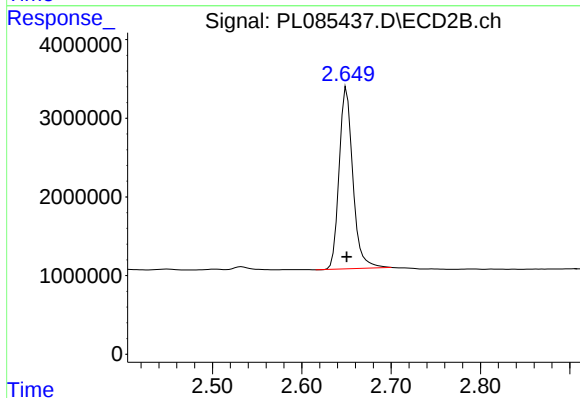




#1 Tetrachloro-m-xylene

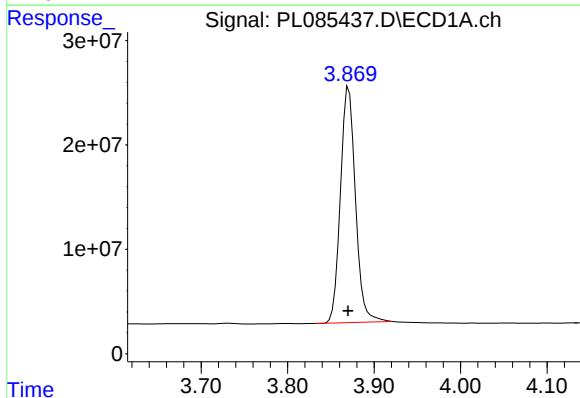
R.T.: 3.414 min  
Delta R.T.: 0.000 min  
Response: 55655396  
Conc: 16.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



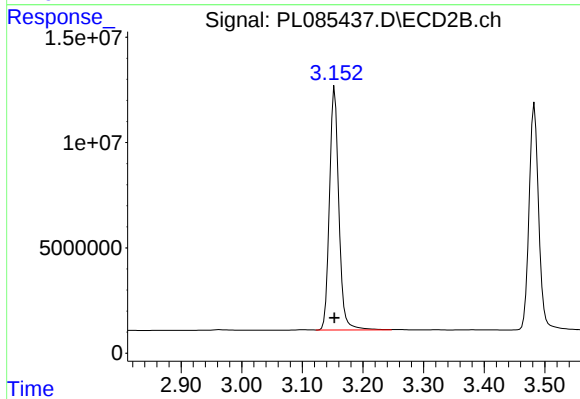
#1 Tetrachloro-m-xylene

R.T.: 2.650 min  
Delta R.T.: 0.000 min  
Response: 24537298  
Conc: 16.13 ng/ml



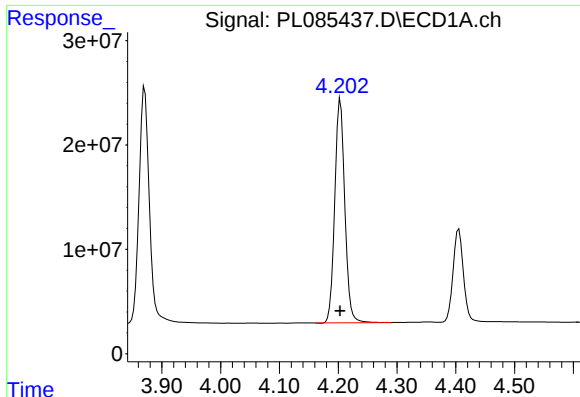
#2 alpha-BHC

R.T.: 3.871 min  
Delta R.T.: 0.000 min  
Response: 270867484  
Conc: 54.96 ng/ml



#2 alpha-BHC

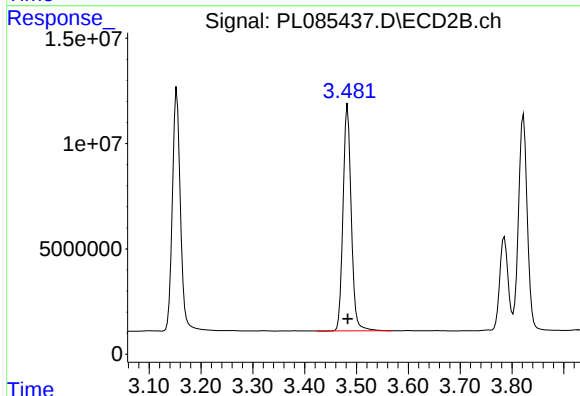
R.T.: 3.153 min  
Delta R.T.: 0.000 min  
Response: 124356639  
Conc: 53.37 ng/ml



#3 gamma-BHC (Lindane)

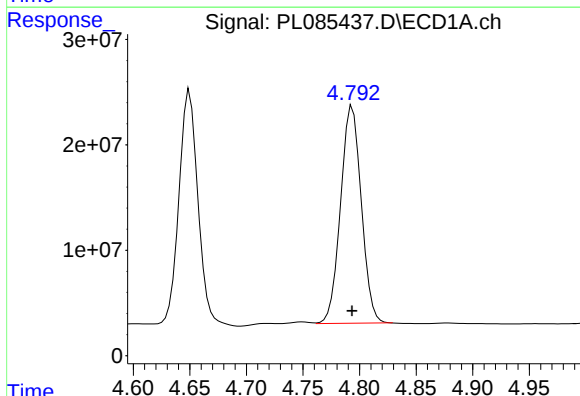
R.T.: 4.204 min  
Delta R.T.: 0.000 min  
Response: 254951486  
Conc: 52.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



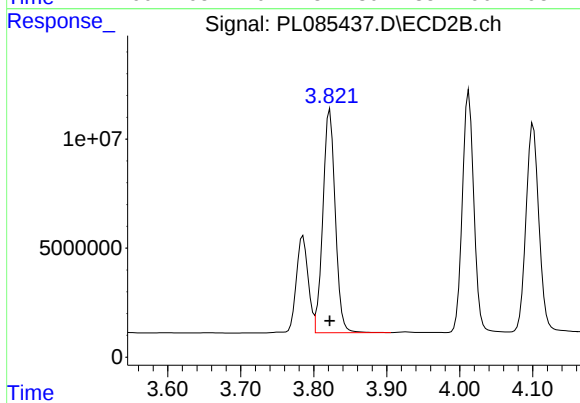
#3 gamma-BHC (Lindane)

R.T.: 3.483 min  
Delta R.T.: 0.000 min  
Response: 118360126  
Conc: 51.38 ng/ml



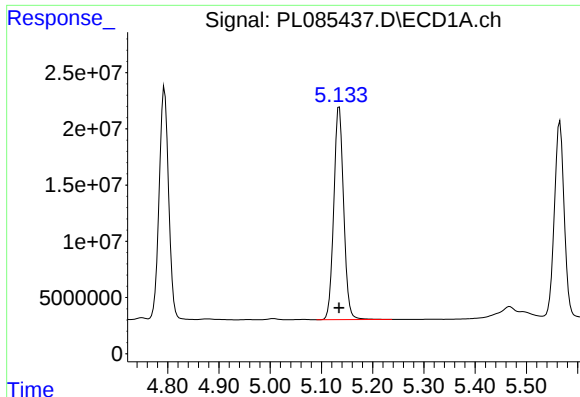
#4 Heptachlor

R.T.: 4.794 min  
Delta R.T.: 0.000 min  
Response: 263110565  
Conc: 57.08 ng/ml



#4 Heptachlor

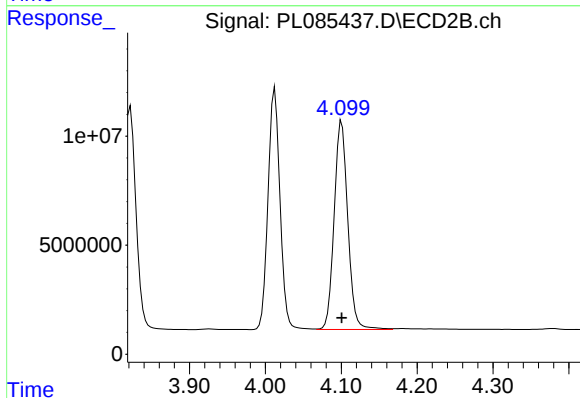
R.T.: 3.822 min  
Delta R.T.: 0.000 min  
Response: 120884128  
Conc: 56.21 ng/ml



#5 Aldrin

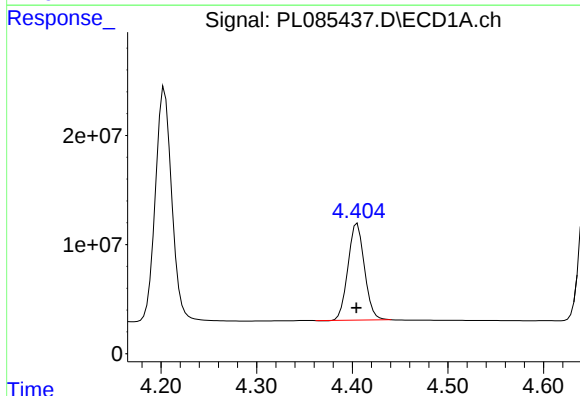
R.T.: 5.135 min  
Delta R.T.: 0.000 min  
Response: 253428380  
Conc: 52.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



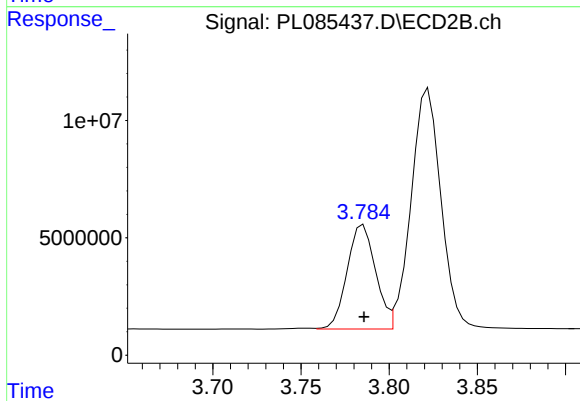
#5 Aldrin

R.T.: 4.101 min  
Delta R.T.: 0.000 min  
Response: 119468692  
Conc: 51.07 ng/ml



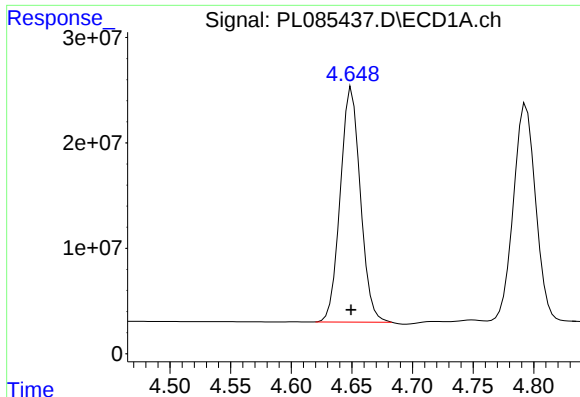
#6 beta-BHC

R.T.: 4.405 min  
Delta R.T.: 0.000 min  
Response: 106607538  
Conc: 51.20 ng/ml



#6 beta-BHC

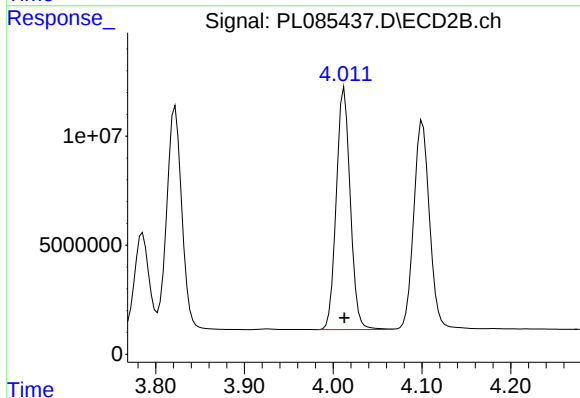
R.T.: 3.785 min  
Delta R.T.: 0.000 min  
Response: 49727031  
Conc: 51.74 ng/ml



#7 delta-BHC

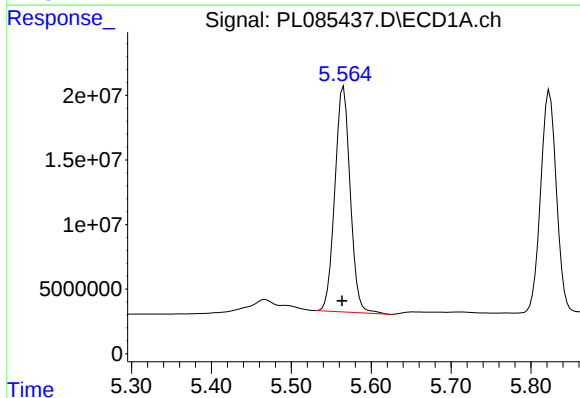
R.T.: 4.650 min  
Delta R.T.: 0.000 min  
Response: 256600899  
Conc: 53.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



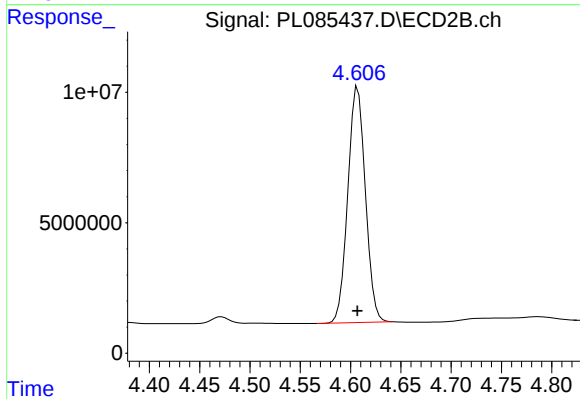
#7 delta-BHC

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 121480110  
Conc: 52.61 ng/ml



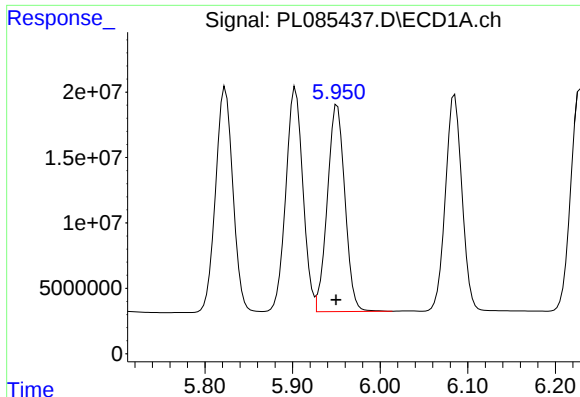
#8 Heptachlor epoxide

R.T.: 5.565 min  
Delta R.T.: 0.002 min  
Response: 233260606  
Conc: 54.36 ng/ml



#8 Heptachlor epoxide

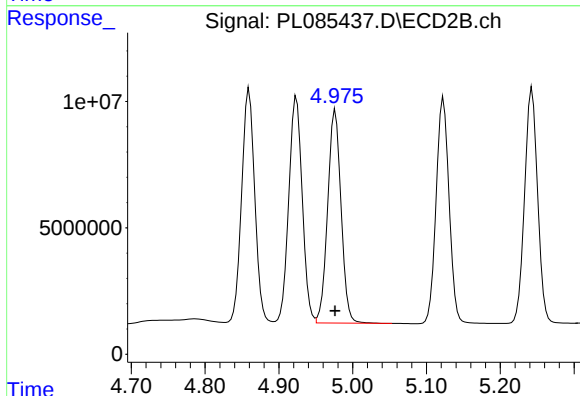
R.T.: 4.607 min  
Delta R.T.: 0.000 min  
Response: 109576825  
Conc: 53.00 ng/ml



#9 Endosulfan I

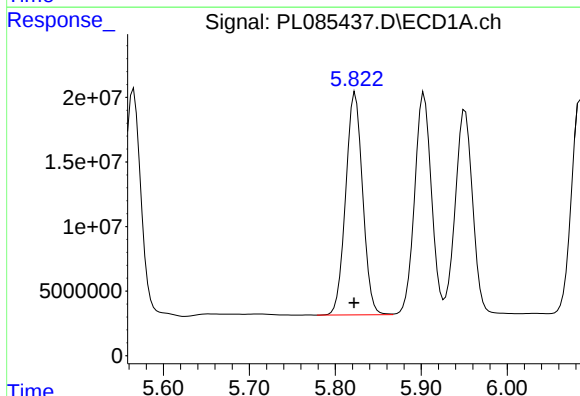
R.T.: 5.951 min  
Delta R.T.: 0.002 min  
Response: 220616154  
Conc: 53.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



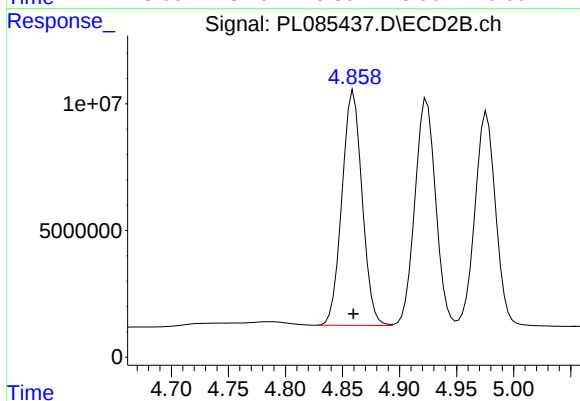
#9 Endosulfan I

R.T.: 4.976 min  
Delta R.T.: 0.000 min  
Response: 106607843  
Conc: 52.20 ng/ml



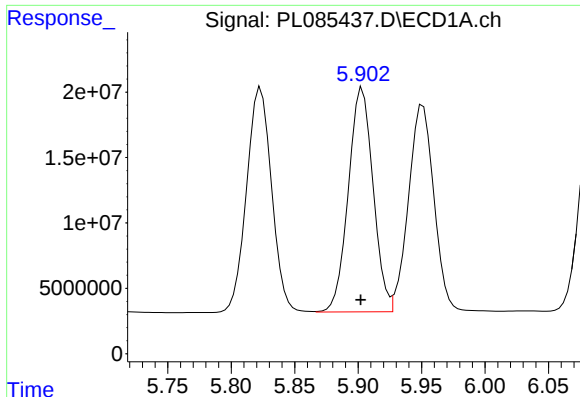
#10 gamma-Chlordane

R.T.: 5.823 min  
Delta R.T.: 0.001 min  
Response: 236304734  
Conc: 53.88 ng/ml



#10 gamma-Chlordane

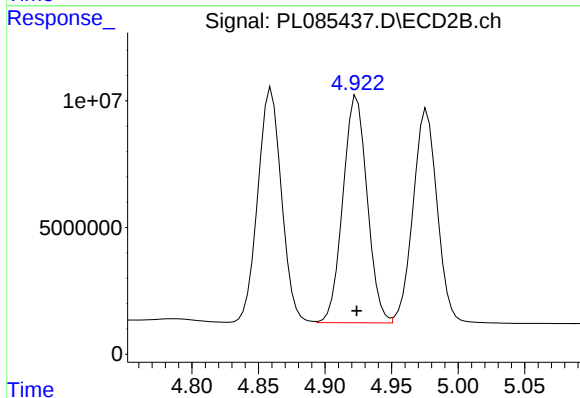
R.T.: 4.860 min  
Delta R.T.: 0.000 min  
Response: 114034717  
Conc: 53.77 ng/ml



#11 alpha-Chlordane

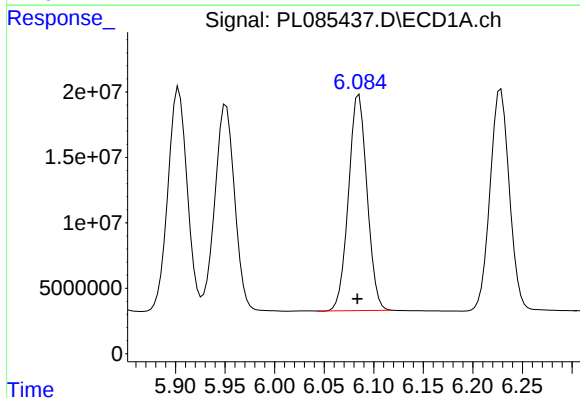
R.T.: 5.903 min  
Delta R.T.: 0.001 min  
Response: 232389461  
Conc: 52.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



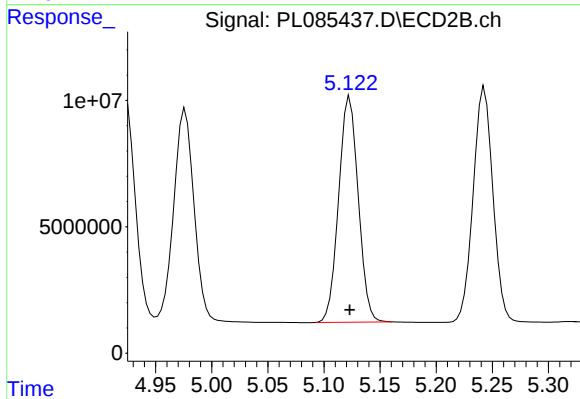
#11 alpha-Chlordane

R.T.: 4.924 min  
Delta R.T.: 0.000 min  
Response: 113707333  
Conc: 52.23 ng/ml



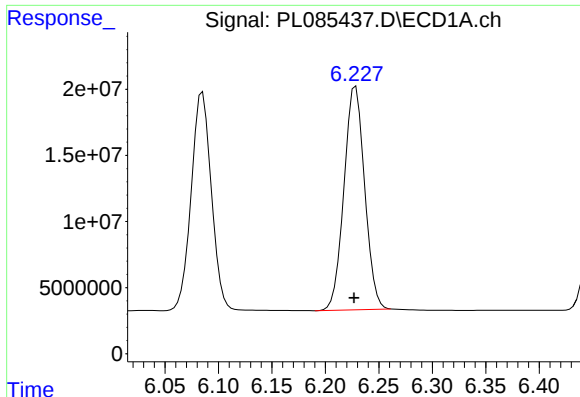
#12 4,4'-DDE

R.T.: 6.085 min  
Delta R.T.: 0.002 min  
Response: 215247452  
Conc: 53.95 ng/ml



#12 4,4'-DDE

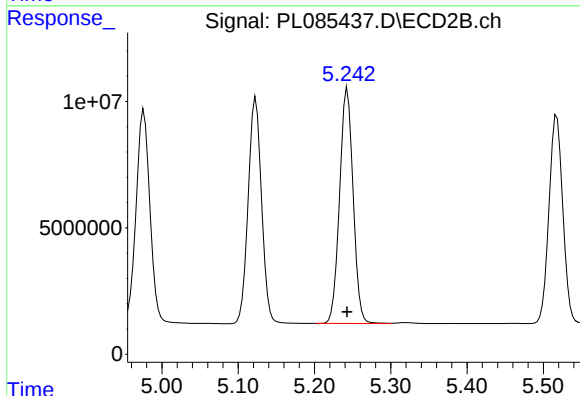
R.T.: 5.123 min  
Delta R.T.: 0.000 min  
Response: 108629752  
Conc: 53.67 ng/ml



#13 Dieldrin

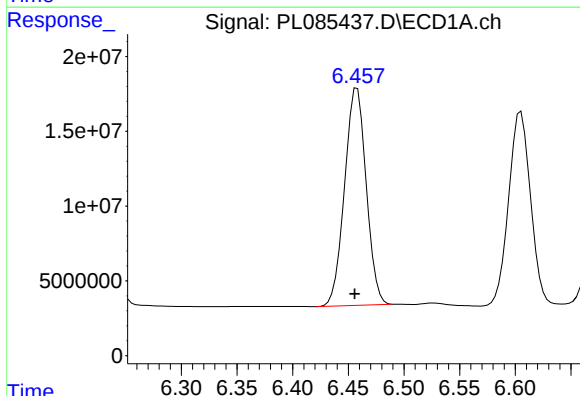
R.T.: 6.228 min  
Delta R.T.: 0.002 min  
Response: 227560019  
Conc: 52.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



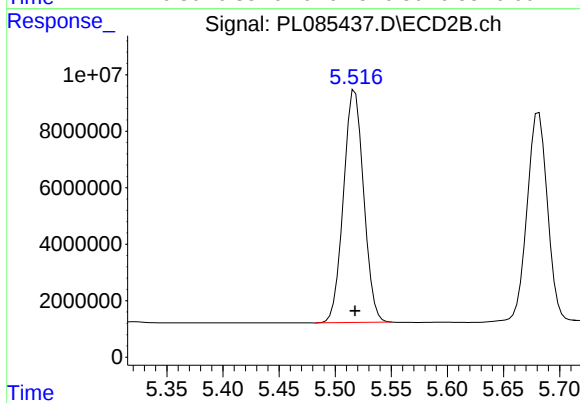
#13 Dieldrin

R.T.: 5.243 min  
Delta R.T.: 0.000 min  
Response: 114543620  
Conc: 52.37 ng/ml



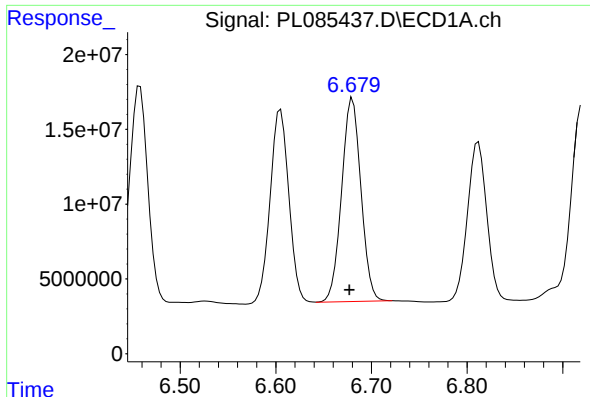
#14 Endrin

R.T.: 6.458 min  
Delta R.T.: 0.002 min  
Response: 196560484  
Conc: 54.78 ng/ml



#14 Endrin

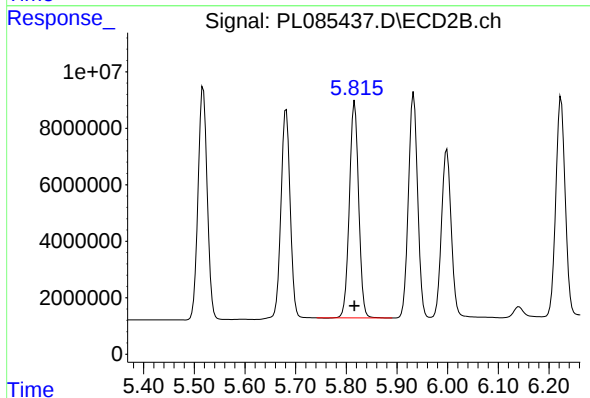
R.T.: 5.518 min  
Delta R.T.: 0.000 min  
Response: 102985985  
Conc: 54.98 ng/ml



#15 Endosulfan II

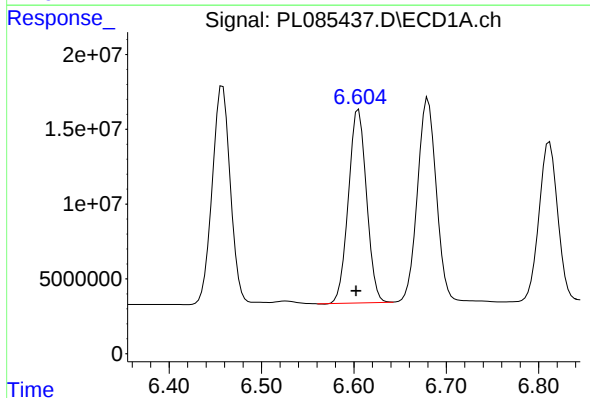
R.T.: 6.680 min  
Delta R.T.: 0.003 min  
Response: 191294009  
Conc: 48.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



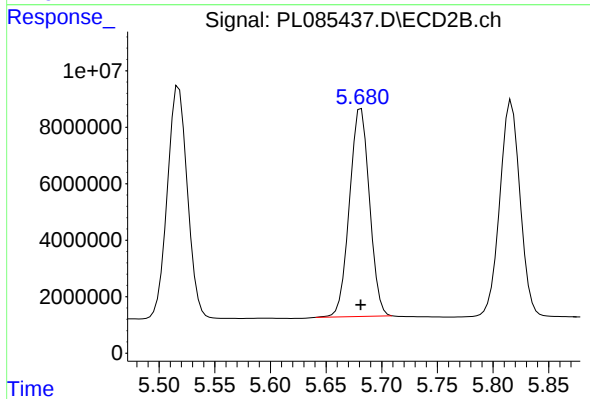
#15 Endosulfan II

R.T.: 5.817 min  
Delta R.T.: 0.000 min  
Response: 97547290  
Conc: 49.75 ng/ml



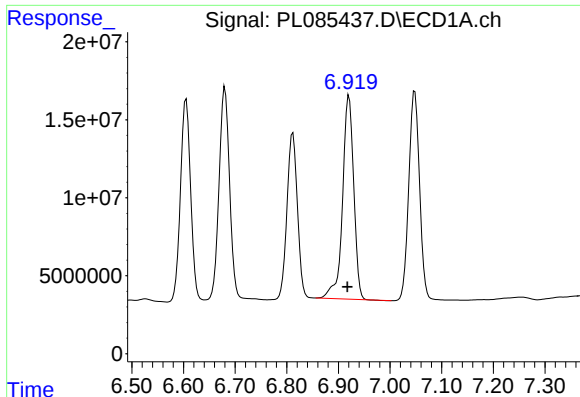
#16 4,4'-DDD

R.T.: 6.605 min  
Delta R.T.: 0.003 min  
Response: 175799713  
Conc: 53.95 ng/ml



#16 4,4'-DDD

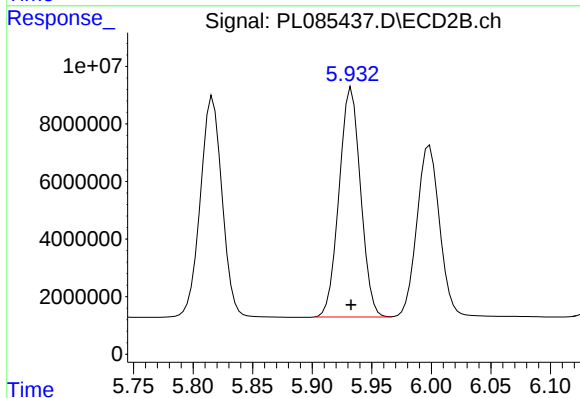
R.T.: 5.681 min  
Delta R.T.: 0.000 min  
Response: 92213328  
Conc: 53.61 ng/ml



#17 4,4'-DDT

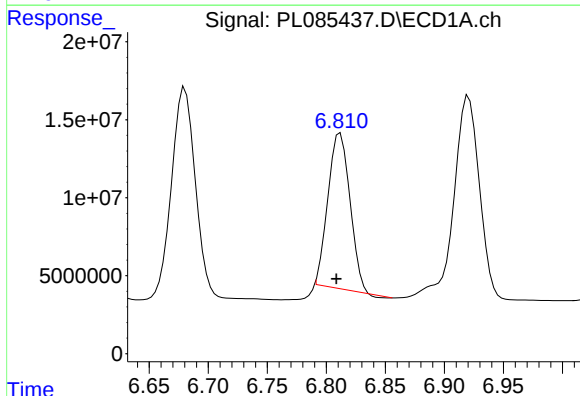
R.T.: 6.920 min  
Delta R.T.: 0.003 min  
Response: 195593020  
Conc: 54.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



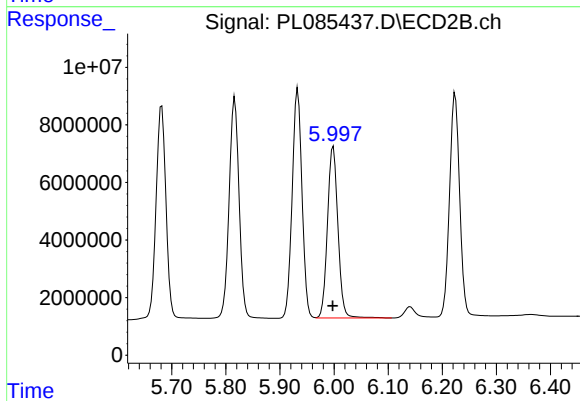
#17 4,4'-DDT

R.T.: 5.933 min  
Delta R.T.: 0.000 min  
Response: 100062758  
Conc: 54.92 ng/ml



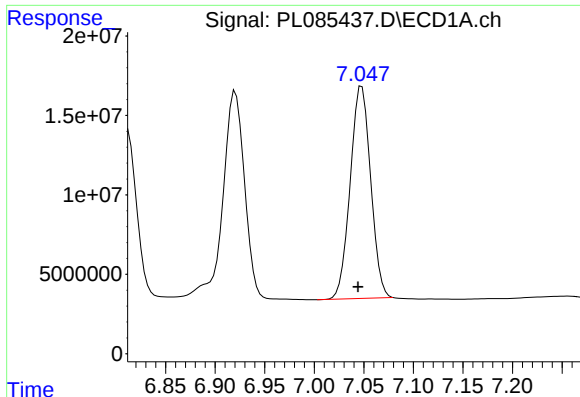
#18 Endrin aldehyde

R.T.: 6.812 min  
Delta R.T.: 0.003 min  
Response: 128968445  
Conc: 44.28 ng/ml



#18 Endrin aldehyde

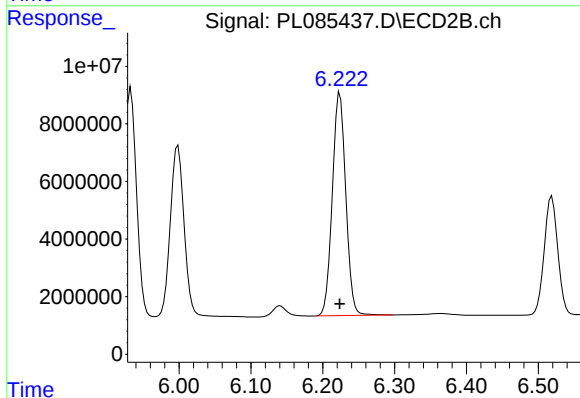
R.T.: 5.999 min  
Delta R.T.: 0.000 min  
Response: 80277155  
Conc: 50.67 ng/ml



#19 Endosulfan Sulfate

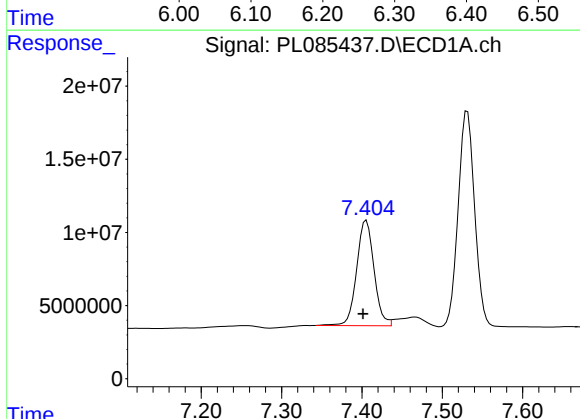
R.T.: 7.048 min  
Delta R.T.: 0.004 min  
Response: 192338472  
Conc: 52.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



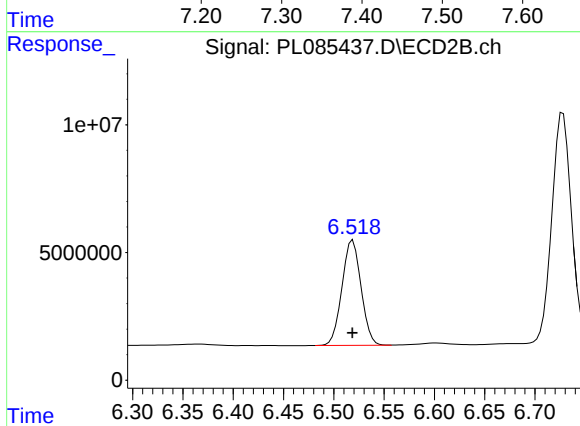
#19 Endosulfan Sulfate

R.T.: 6.224 min  
Delta R.T.: 0.000 min  
Response: 100678426  
Conc: 53.53 ng/ml



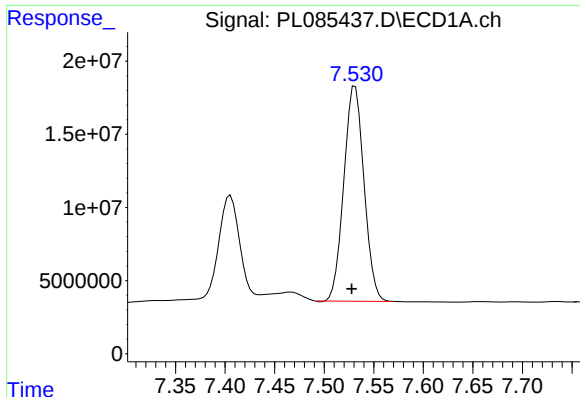
#20 Methoxychlor

R.T.: 7.406 min  
Delta R.T.: 0.004 min  
Response: 108438813  
Conc: 49.48 ng/ml



#20 Methoxychlor

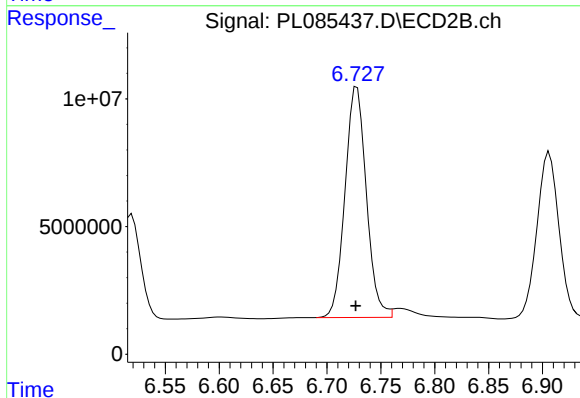
R.T.: 6.519 min  
Delta R.T.: 0.000 min  
Response: 54317660  
Conc: 51.21 ng/ml



#21 Endrin ketone

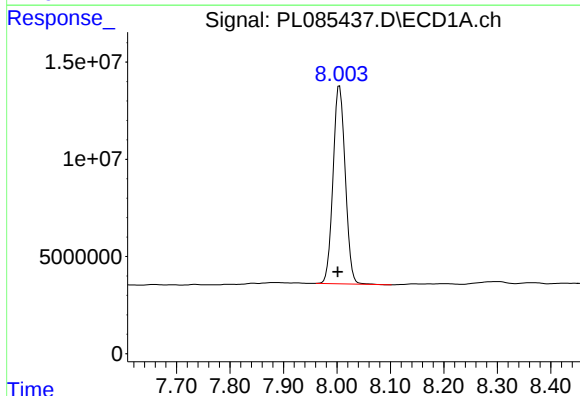
R.T.: 7.531 min  
Delta R.T.: 0.003 min  
Response: 208520525  
Conc: 51.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



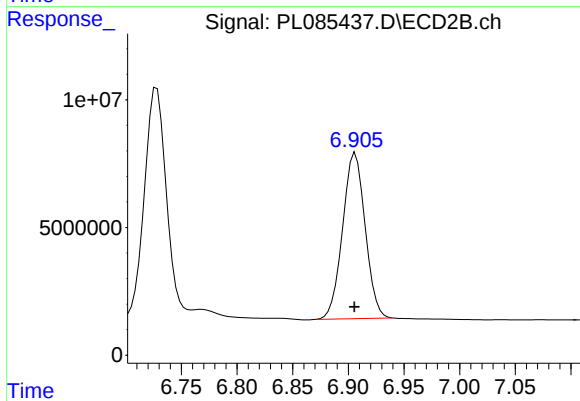
#21 Endrin ketone

R.T.: 6.728 min  
Delta R.T.: 0.001 min  
Response: 124737040  
Conc: 49.95 ng/ml



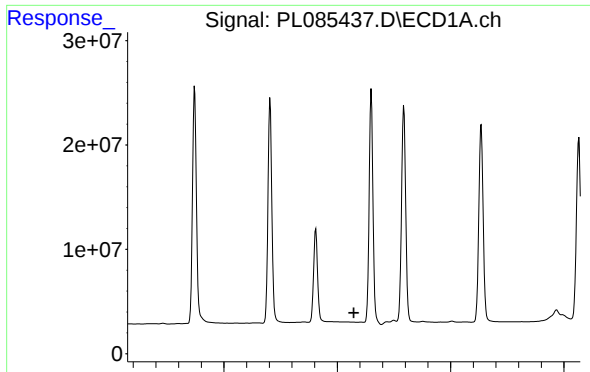
#22 Mirex

R.T.: 8.005 min  
Delta R.T.: 0.003 min  
Response: 161504460  
Conc: 50.80 ng/ml



#22 Mirex

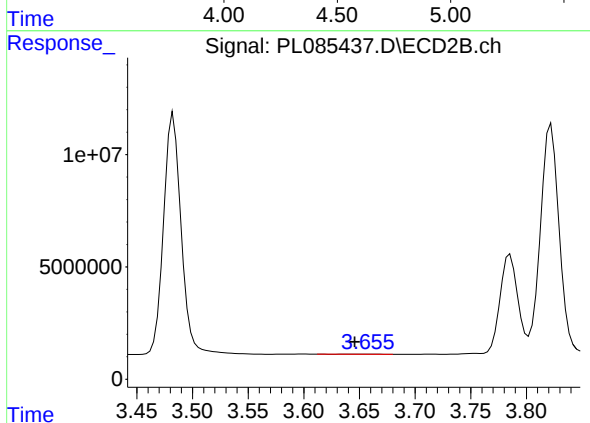
R.T.: 6.906 min  
Delta R.T.: 0.000 min  
Response: 91621169  
Conc: 50.40 ng/ml



#23 Chlordane-1

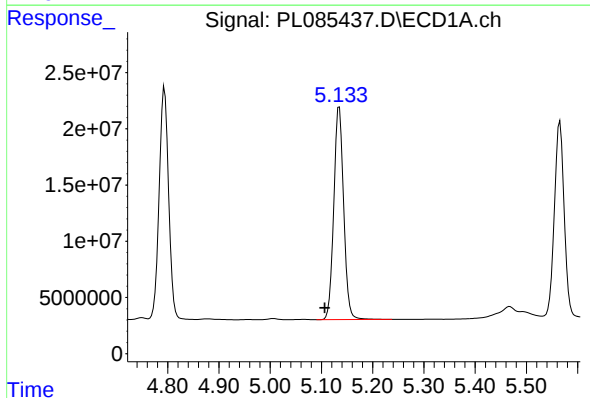
R.T.: 0.000 min  
Exp R.T.: 4.573 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



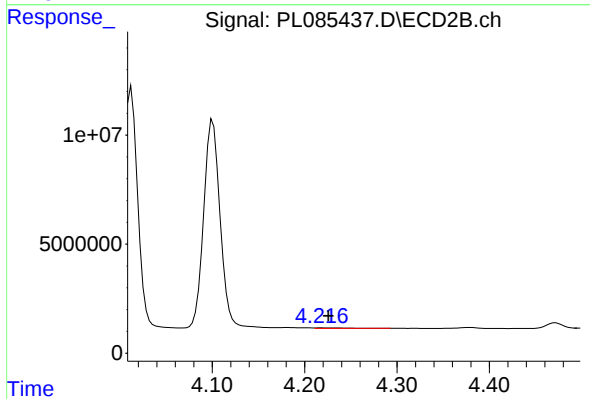
#23 Chlordane-1

R.T.: 3.656 min  
Delta R.T.: 0.010 min  
Response: 106824  
Conc: 1.92 ng/ml



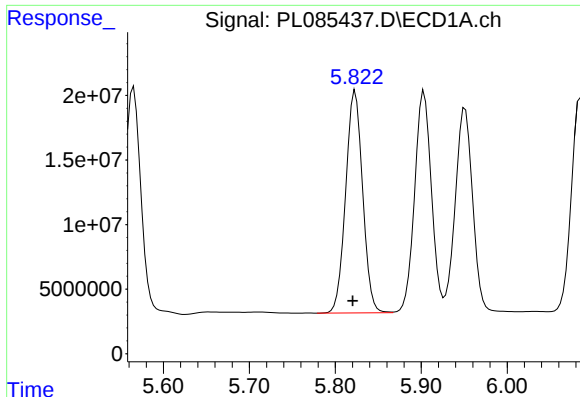
#24 Chlordane-2

R.T.: 5.135 min  
Delta R.T.: 0.028 min  
Response: 253428380  
Conc: 1528.76 ng/ml



#24 Chlordane-2

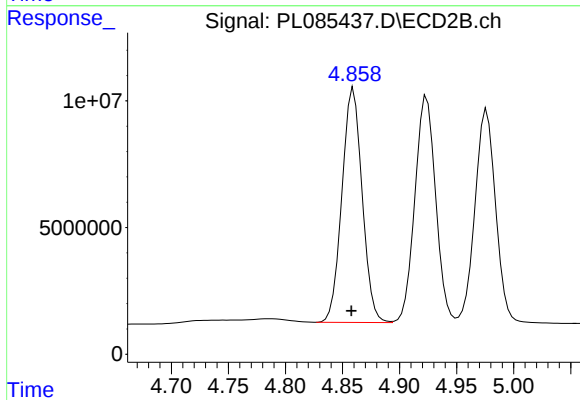
R.T.: 4.217 min  
Delta R.T.: -0.009 min  
Response: 501243  
Conc: 6.51 ng/ml



#25 Chlordane-3

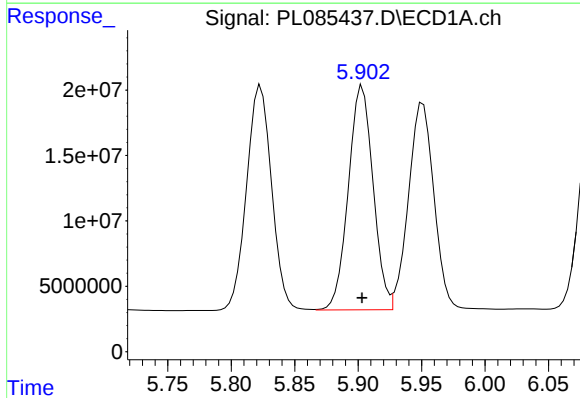
R.T.: 5.823 min  
Delta R.T.: 0.003 min  
Response: 236304734  
Conc: 372.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



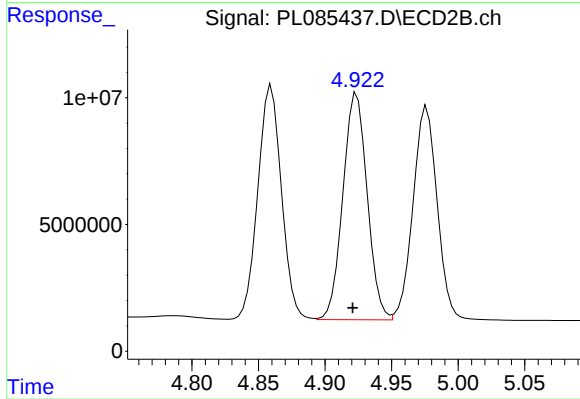
#25 Chlordane-3

R.T.: 4.860 min  
Delta R.T.: 0.002 min  
Response: 114034717  
Conc: 551.35 ng/ml



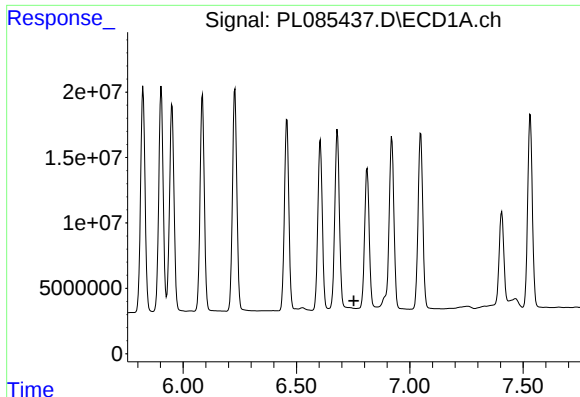
#26 Chlordane-4

R.T.: 5.903 min  
Delta R.T.: 0.000 min  
Response: 232389461  
Conc: 297.32 ng/ml



#26 Chlordane-4

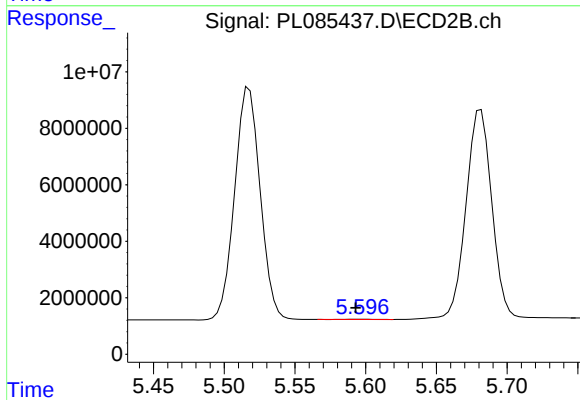
R.T.: 4.924 min  
Delta R.T.: 0.003 min  
Response: 113707333  
Conc: 503.17 ng/ml



#27 Chlordane-5

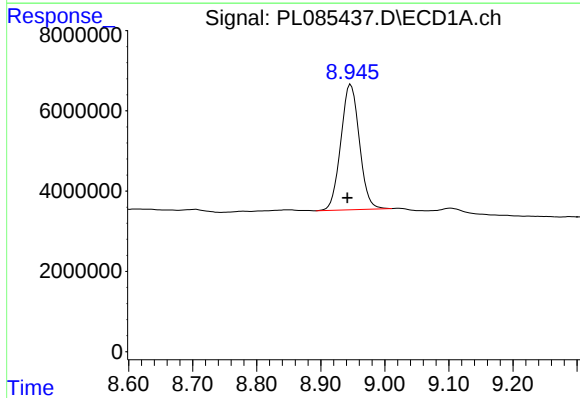
R.T.: 0.000 min  
Exp R.T.: 6.754 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



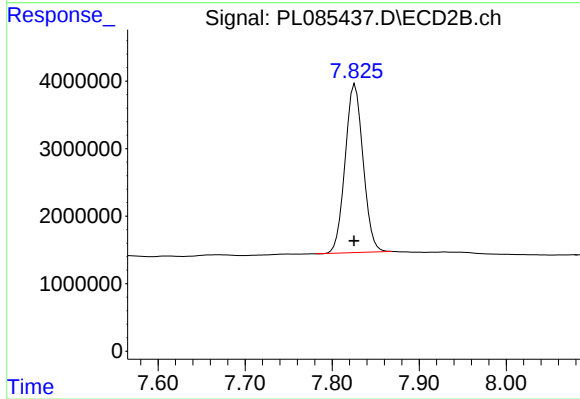
#27 Chlordane-5

R.T.: 5.597 min  
Delta R.T.: 0.004 min  
Response: 84221  
Conc: 1.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.947 min  
Delta R.T.: 0.005 min  
Response: 62836688  
Conc: 18.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.826 min  
Delta R.T.: 0.000 min  
Response: 35819915  
Conc: 18.30 ng/ml