

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052323\  
 Data File : PL082937.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 May 2023 16:25  
 Operator : AR\AJ  
 Sample : 02888-02MS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MID2-44(10-11)MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 23 21:22:12 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 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... | 3.318 | 2.638 | 39439742 | 33324602 | 13.419 | 12.836 |
| 28)                         | SA Decachlor... | 8.735 | 7.745 | 29897973 | 34231030 | 14.255 | 13.767 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.767 | 3.135 | 172.7E6  | 140.7E6  | 38.909 | 37.702 |
| 3)                          | MA gamma-BHC... | 4.096 | 3.461 | 166.7E6  | 138.7E6  | 40.227 | 41.607 |
| 4)                          | MA Heptachlor   | 4.673 | 3.792 | 147.8E6  | 136.3E6  | 38.656 | 37.225 |
| 5)                          | MB Aldrin       | 5.010 | 4.068 | 146.3E6  | 130.1E6  | 41.598 | 39.993 |
| 6)                          | B beta-BHC      | 4.299 | 3.762 | 71521327 | 56142597 | 37.988 | 39.258 |
| 7)                          | B delta-BHC     | 4.540 | 3.987 | 160.5E6  | 131.5E6  | 46.676 | 40.126 |
| 8)                          | B Heptachlo...  | 5.436 | 4.570 | 111.1E6  | 116.4E6  | 34.722 | 39.217 |
| 9)                          | A Endosulfan I  | 5.817 | 4.937 | 117.1E6  | 108.6E6  | 39.020 | 38.850 |
| 10)                         | B gamma-Chl...  | 5.691 | 4.819 | 126.4E6  | 118.0E6  | 39.783 | 39.276 |
| 11)                         | B alpha-Chl...  | 5.769 | 4.881 | 125.9E6  | 118.0E6  | 39.240 | 39.323 |
| 12)                         | B 4,4'-DDE      | 5.947 | 5.072 | 108.6E6  | 99794218 | 39.396 | 41.089 |
| 13)                         | MA Dieldrin     | 6.092 | 5.201 | 122.8E6  | 114.7E6  | 40.826 | 40.647 |
| 14)                         | MA Endrin       | 6.319 | 5.475 | 101.4E6  | 98028909 | 37.749 | 38.640 |
| 15)                         | B Endosulfa...  | 6.542 | 5.772 | 94596546 | 99581202 | 34.446 | 40.248 |
| 16)                         | A 4,4'-DDD      | 6.463 | 5.626 | 93816936 | 81807672 | 43.173 | 42.536 |
| 17)                         | MA 4,4'-DDT     | 6.774 | 5.874 | 86903303 | 82758467 | 34.717 | 37.094 |
| 18)                         | B Endrin al...  | 6.671 | 5.952 | 87968578 | 84060918 | 43.751 | 42.509 |
| 19)                         | B Endosulfa...  | 6.906 | 6.174 | 100.9E6  | 99674619 | 39.368 | 40.700 |
| 20)                         | A Methoxychlor  | 7.255 | 6.453 | 50739566 | 50669725 | 38.370 | 39.843 |
| 21)                         | B Endrin ke...  | 7.385 | 6.678 | 112.4E6  | 116.3E6  | 44.055 | 42.997 |
| 22)                         | Mirex           | 7.848 | 6.849 | 84449569 | 95608917 | 40.290 | 40.861 |
| -----                       |                 |       |       |          |          |        |        |

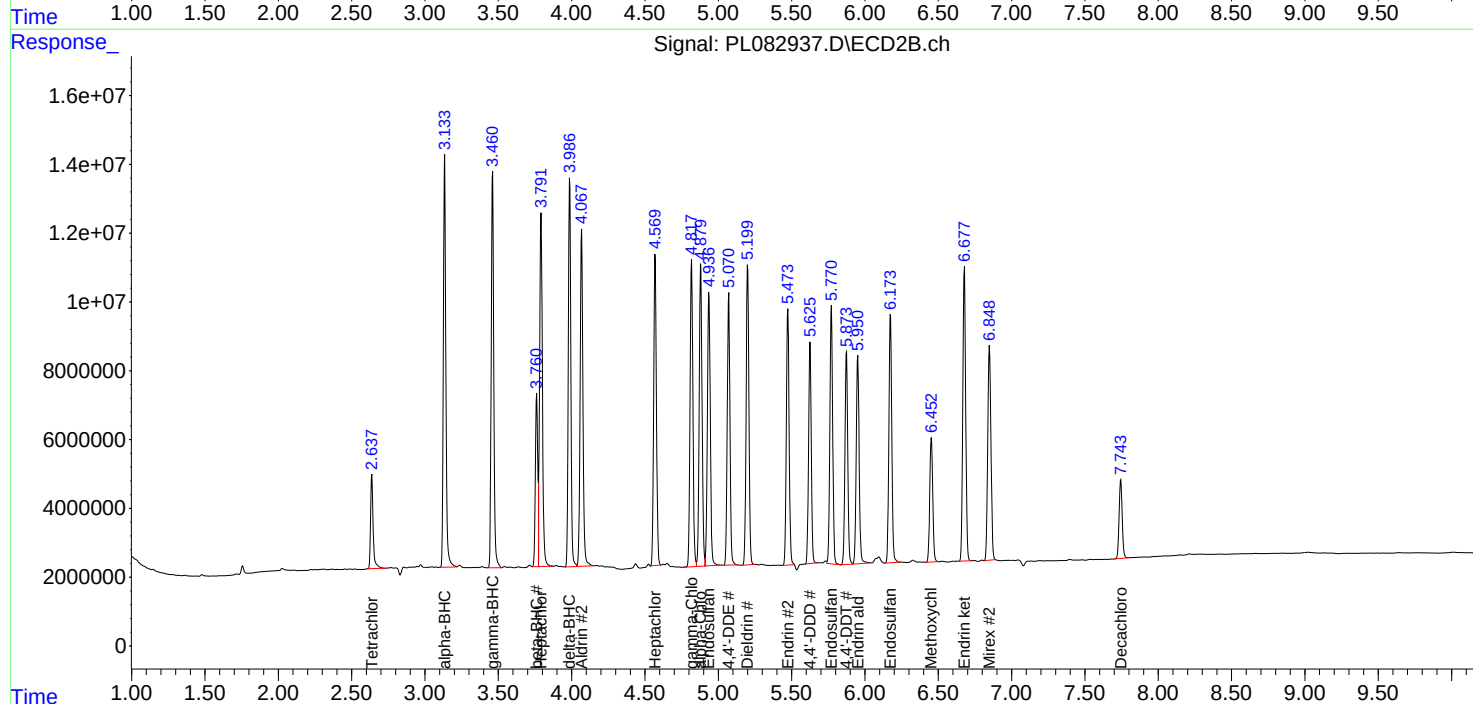
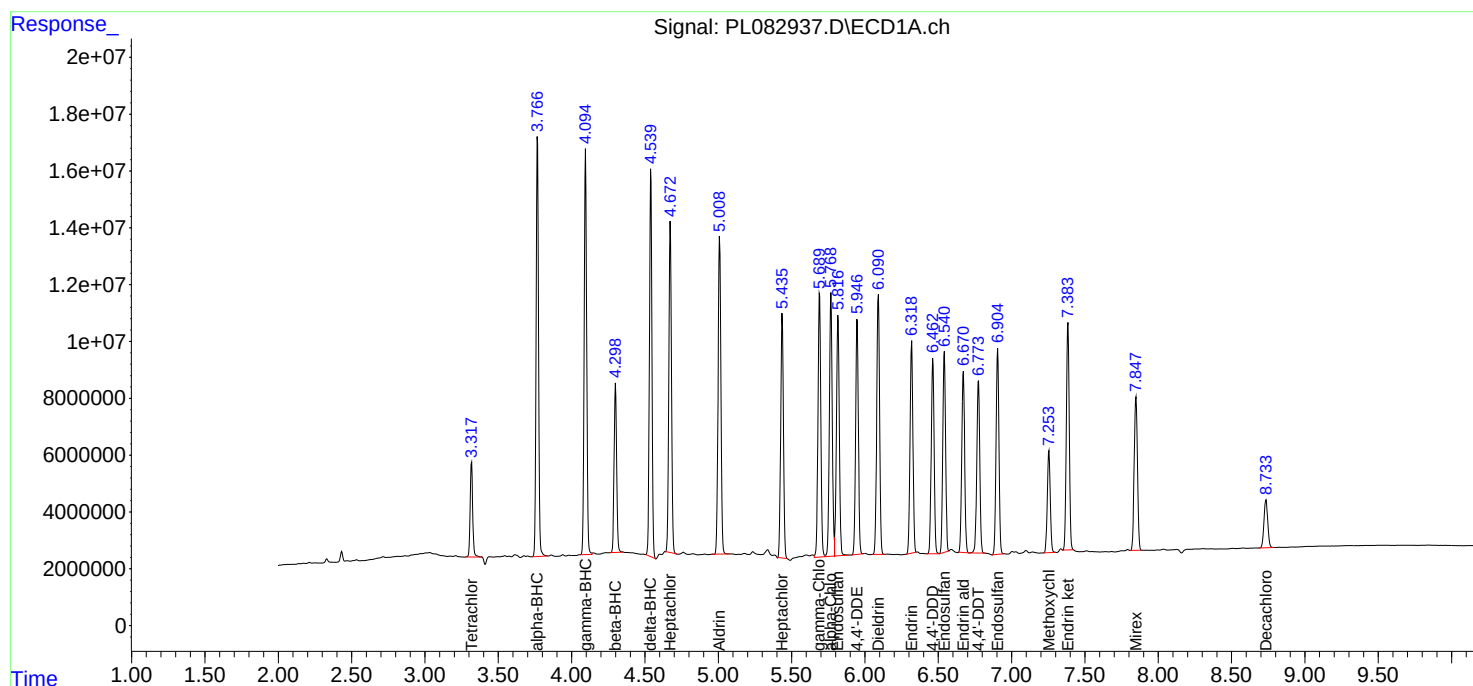
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

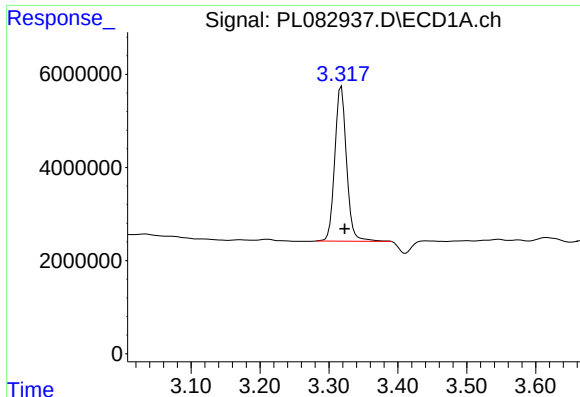
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052323\  
Data File : PL082937.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 May 2023 16:25  
Operator : AR\AJ  
Sample : 02888-02MS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
MID2-44(10-11)MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 23 21:22:12 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 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

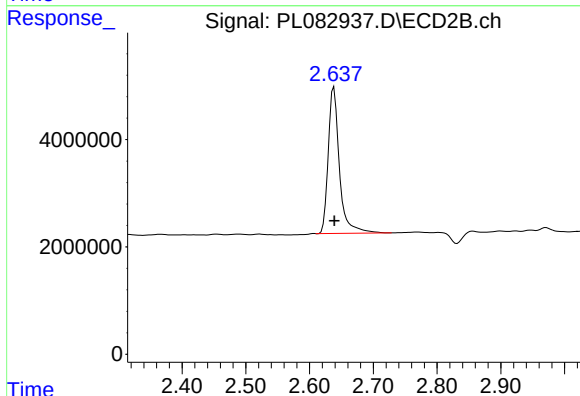




#1 Tetrachloro-m-xylene

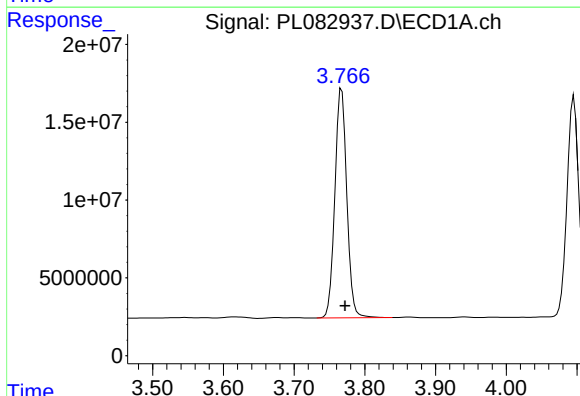
R.T.: 3.318 min  
Delta R.T.: -0.005 min  
Response: 39439742  
Conc: 13.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MID2-44(10-11)MS



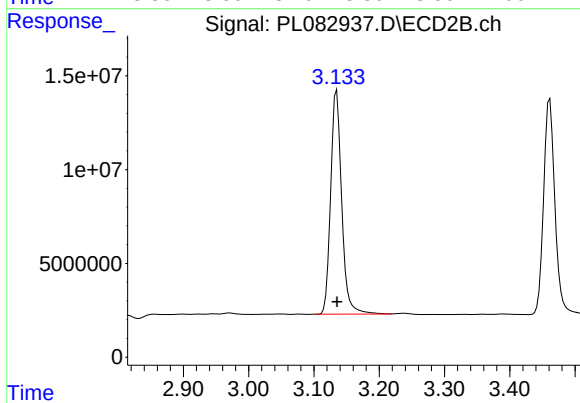
#1 Tetrachloro-m-xylene

R.T.: 2.638 min  
Delta R.T.: 0.000 min  
Response: 33324602  
Conc: 12.84 ng/ml



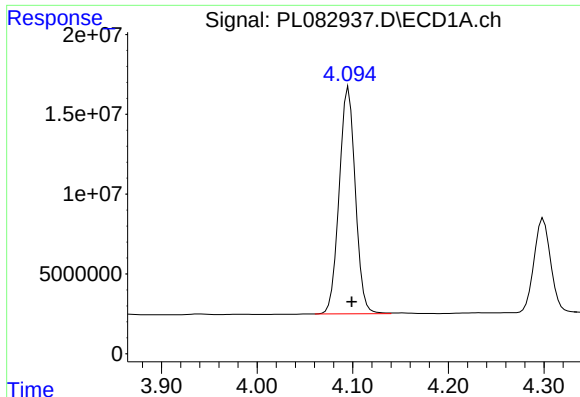
#2 alpha-BHC

R.T.: 3.767 min  
Delta R.T.: -0.005 min  
Response: 172726353  
Conc: 38.91 ng/ml



#2 alpha-BHC

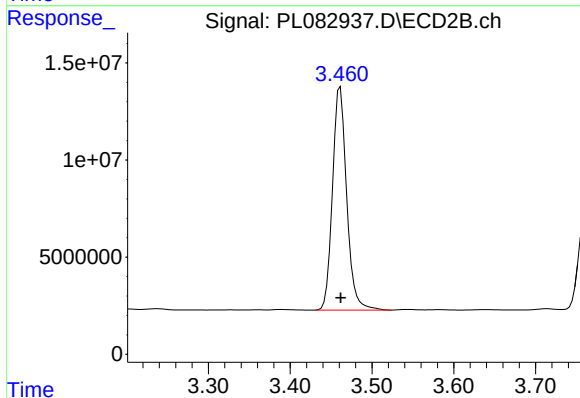
R.T.: 3.135 min  
Delta R.T.: 0.000 min  
Response: 140682693  
Conc: 37.70 ng/ml



#3 gamma-BHC (Lindane)

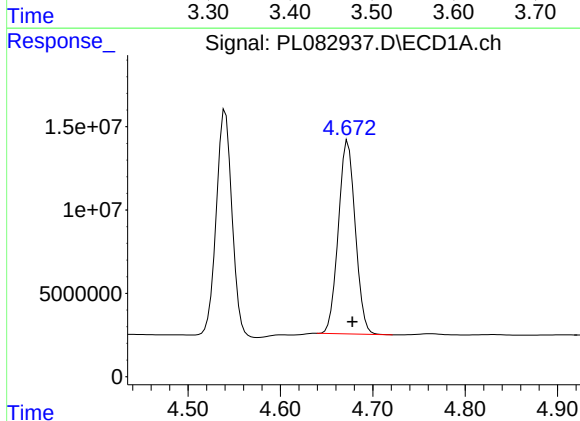
R.T.: 4.096 min  
Delta R.T.: -0.003 min  
Response: 166657740  
Conc: 40.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MID2-44(10-11)MS



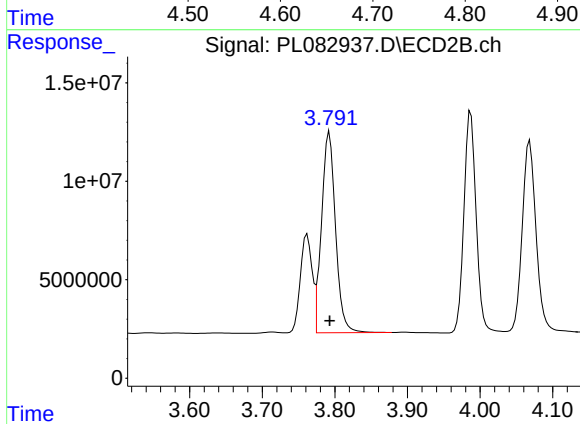
#3 gamma-BHC (Lindane)

R.T.: 3.461 min  
Delta R.T.: 0.000 min  
Response: 138689204  
Conc: 41.61 ng/ml



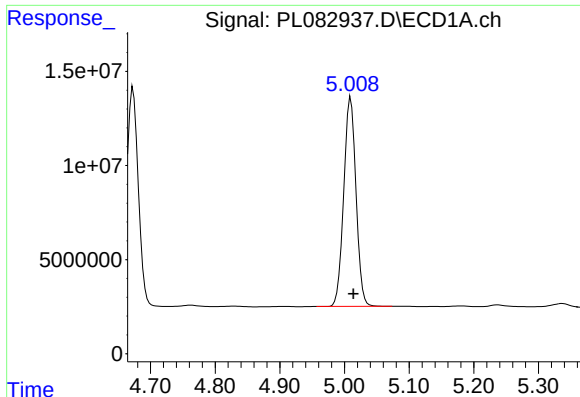
#4 Heptachlor

R.T.: 4.673 min  
Delta R.T.: -0.005 min  
Response: 147761251  
Conc: 38.66 ng/ml



#4 Heptachlor

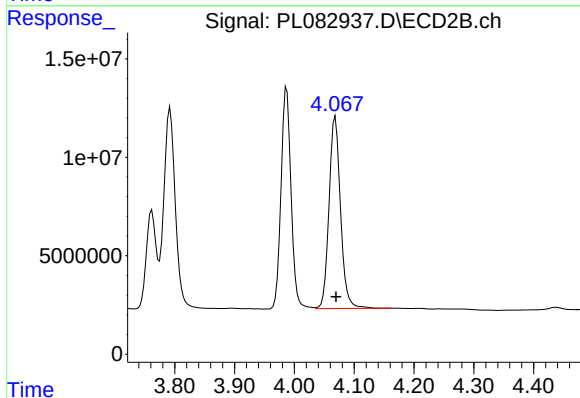
R.T.: 3.792 min  
Delta R.T.: 0.000 min  
Response: 136283846  
Conc: 37.22 ng/ml



#5 Aldrin

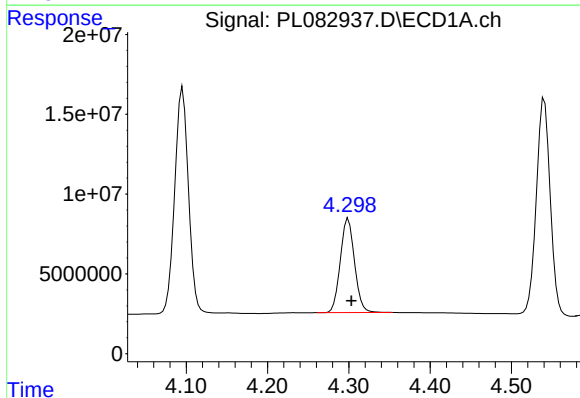
R.T.: 5.010 min  
Delta R.T.: -0.004 min  
Response: 146345964  
Conc: 41.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MID2-44(10-11)MS



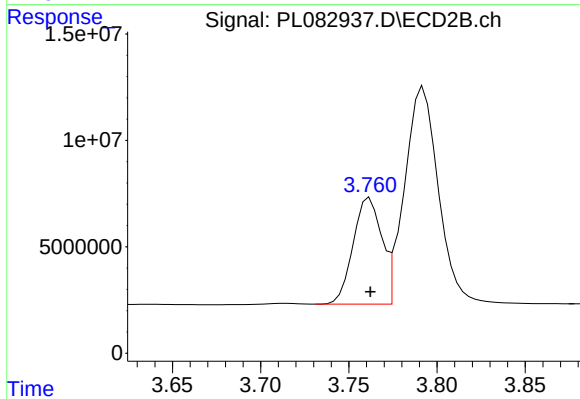
#5 Aldrin

R.T.: 4.068 min  
Delta R.T.: -0.001 min  
Response: 130121319  
Conc: 39.99 ng/ml



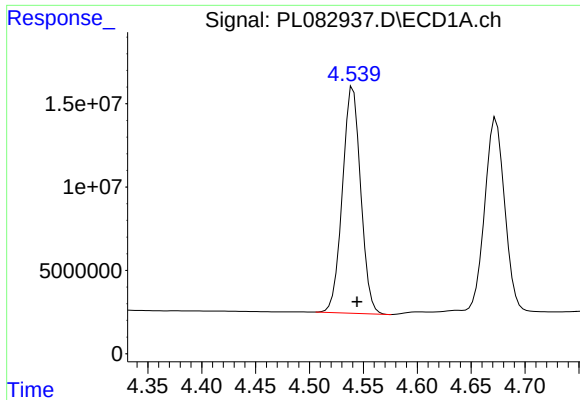
#6 beta-BHC

R.T.: 4.299 min  
Delta R.T.: -0.004 min  
Response: 71521327  
Conc: 37.99 ng/ml



#6 beta-BHC

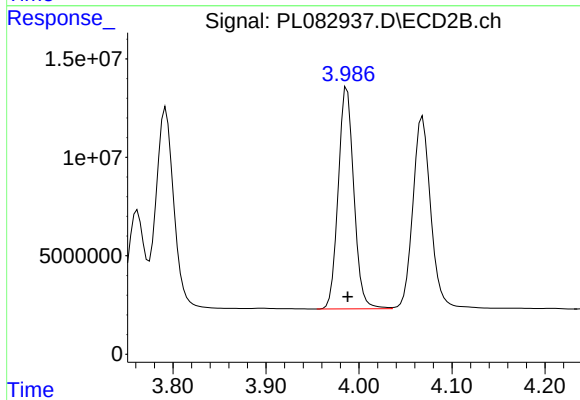
R.T.: 3.762 min  
Delta R.T.: 0.000 min  
Response: 56142597  
Conc: 39.26 ng/ml



#7 delta-BHC

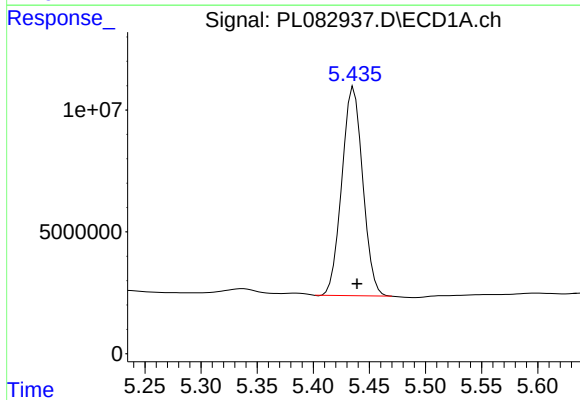
R.T.: 4.540 min  
Delta R.T.: -0.004 min  
Response: 160515659  
Conc: 46.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MID2-44(10-11)MS



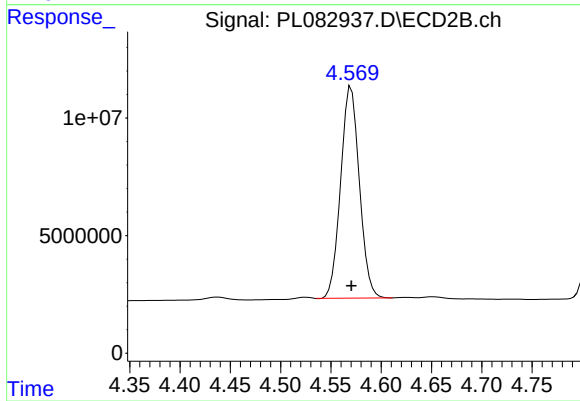
#7 delta-BHC

R.T.: 3.987 min  
Delta R.T.: 0.000 min  
Response: 131470714  
Conc: 40.13 ng/ml



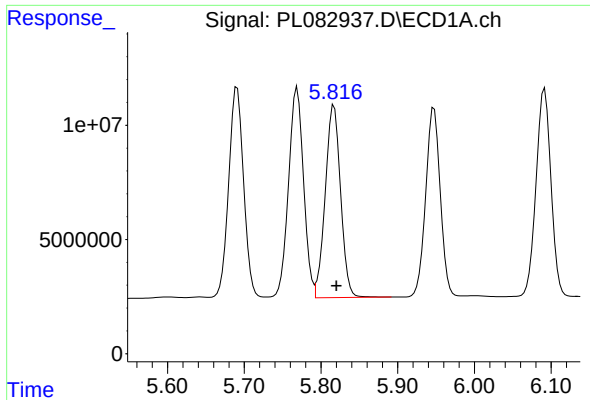
#8 Heptachlor epoxide

R.T.: 5.436 min  
Delta R.T.: -0.003 min  
Response: 111066942  
Conc: 34.72 ng/ml



#8 Heptachlor epoxide

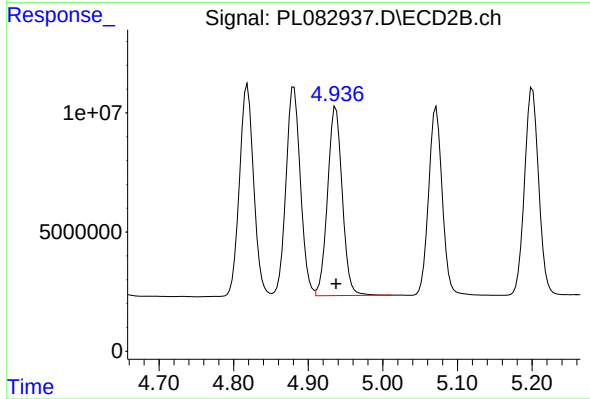
R.T.: 4.570 min  
Delta R.T.: 0.000 min  
Response: 116392417  
Conc: 39.22 ng/ml



#9 Endosulfan I

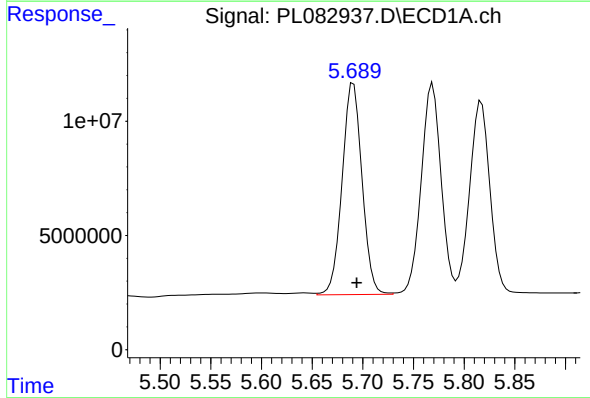
R.T.: 5.817 min  
Delta R.T.: -0.003 min  
Response: 117081732  
Conc: 39.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MID2-44(10-11)MS



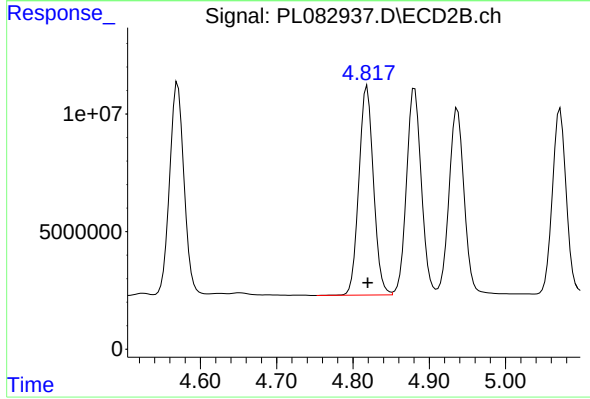
#9 Endosulfan I

R.T.: 4.937 min  
Delta R.T.: 0.000 min  
Response: 108562723  
Conc: 38.85 ng/ml



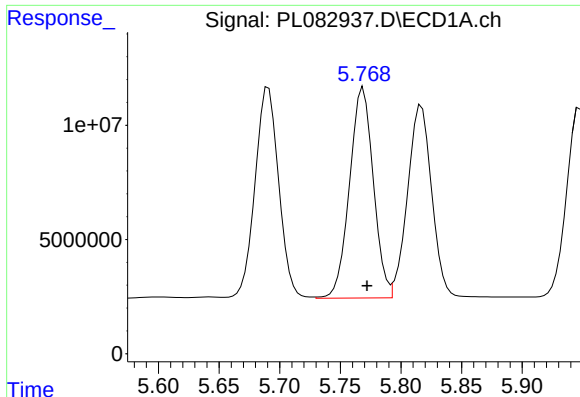
#10 gamma-Chlordane

R.T.: 5.691 min  
Delta R.T.: -0.003 min  
Response: 126390463  
Conc: 39.78 ng/ml



#10 gamma-Chlordane

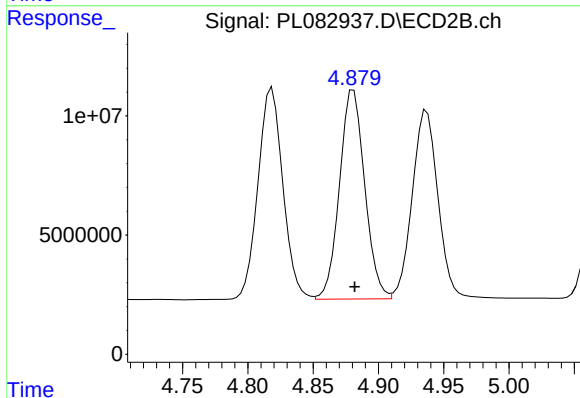
R.T.: 4.819 min  
Delta R.T.: 0.000 min  
Response: 117960194  
Conc: 39.28 ng/ml



#11 alpha-Chlordane

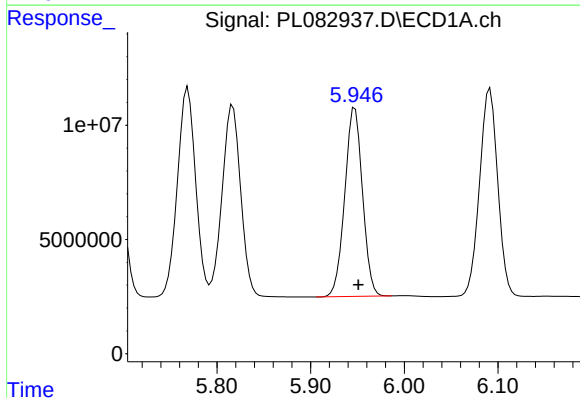
R.T.: 5.769 min  
Delta R.T.: -0.003 min  
Response: 125933466  
Conc: 39.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MID2-44(10-11)MS



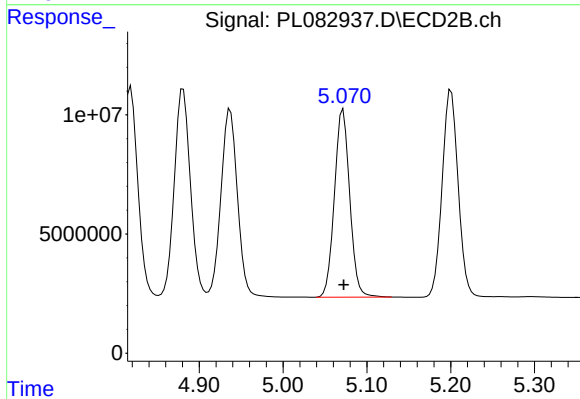
#11 alpha-Chlordane

R.T.: 4.881 min  
Delta R.T.: 0.000 min  
Response: 118046831  
Conc: 39.32 ng/ml



#12 4,4'-DDE

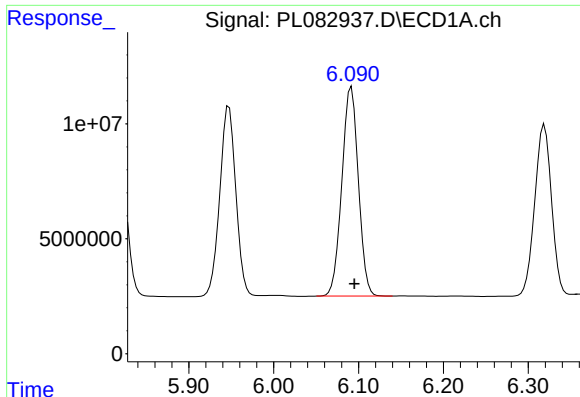
R.T.: 5.947 min  
Delta R.T.: -0.004 min  
Response: 108596592  
Conc: 39.40 ng/ml



#12 4,4'-DDE

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 99794218  
Conc: 41.09 ng/ml

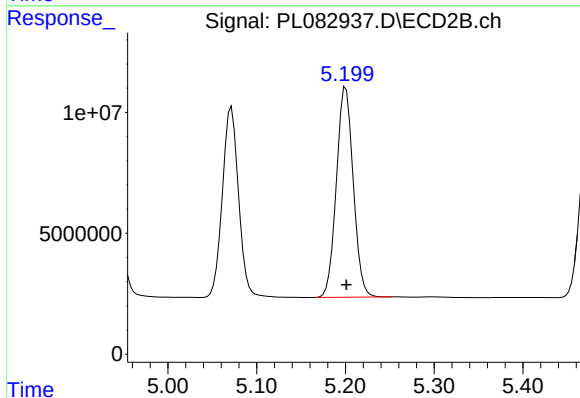




#13 Dieldrin

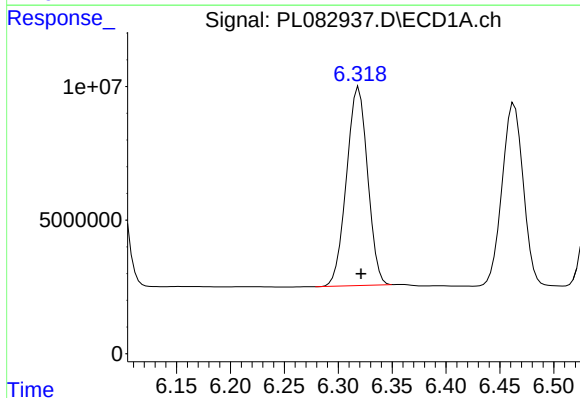
R.T.: 6.092 min  
Delta R.T.: -0.003 min  
Response: 122797259  
Conc: 40.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MID2-44(10-11)MS



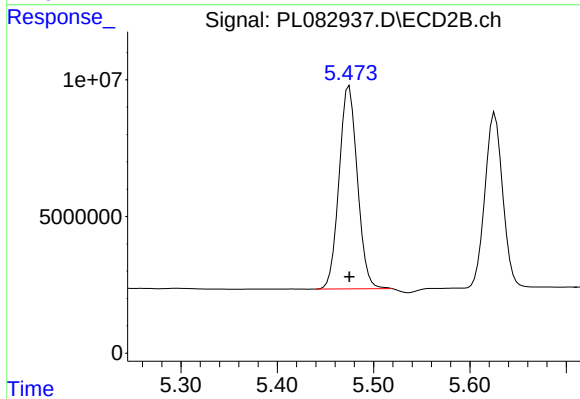
#13 Dieldrin

R.T.: 5.201 min  
Delta R.T.: 0.000 min  
Response: 114743557  
Conc: 40.65 ng/ml



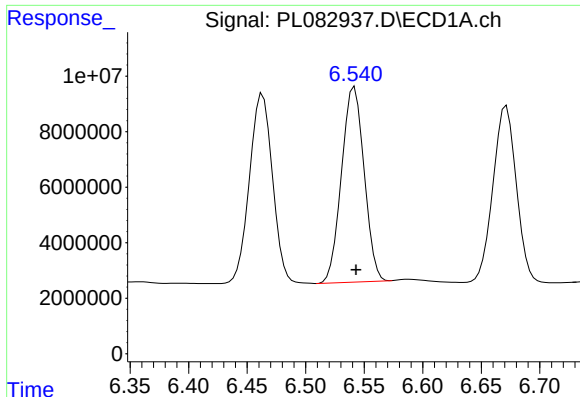
#14 Endrin

R.T.: 6.319 min  
Delta R.T.: -0.002 min  
Response: 101440570  
Conc: 37.75 ng/ml



#14 Endrin

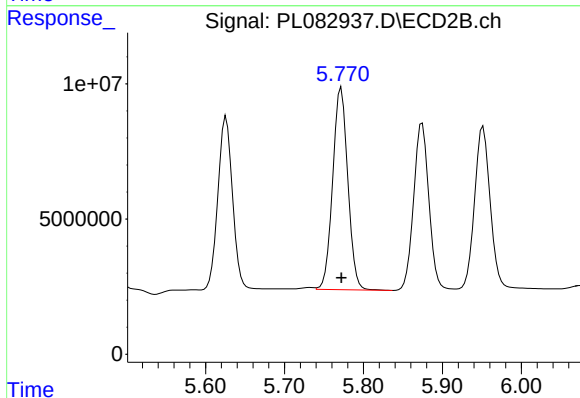
R.T.: 5.475 min  
Delta R.T.: 0.000 min  
Response: 98028909  
Conc: 38.64 ng/ml



#15 Endosulfan II

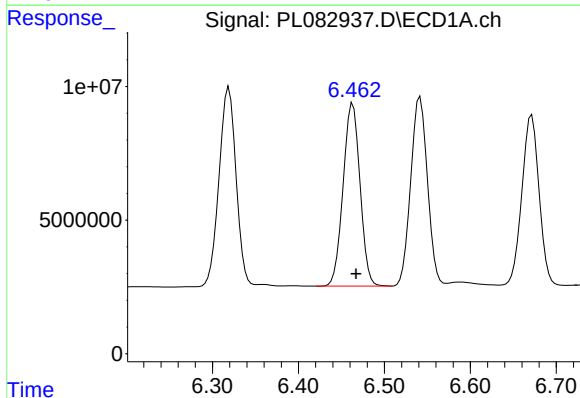
R.T.: 6.542 min  
Delta R.T.: -0.001 min  
Response: 94596546  
Conc: 34.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MID2-44(10-11)MS



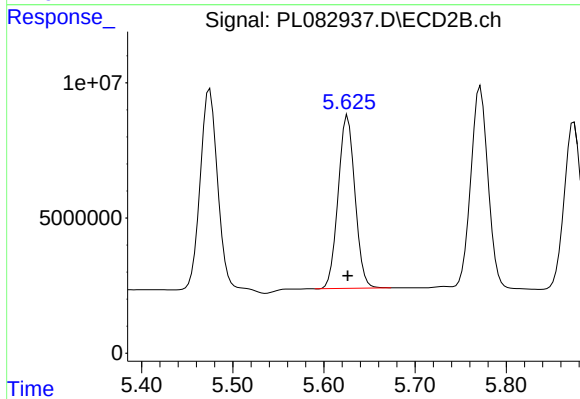
#15 Endosulfan II

R.T.: 5.772 min  
Delta R.T.: 0.000 min  
Response: 99581202  
Conc: 40.25 ng/ml



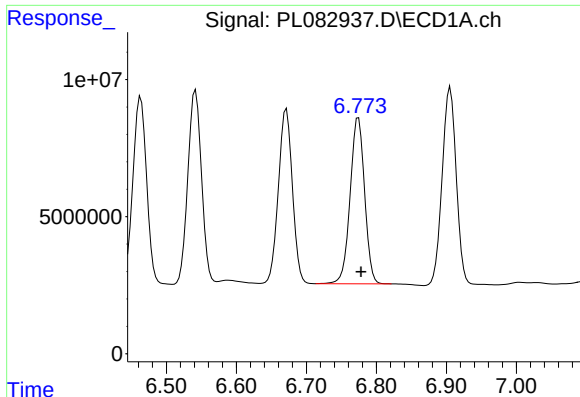
#16 4,4'-DDD

R.T.: 6.463 min  
Delta R.T.: -0.004 min  
Response: 93816936  
Conc: 43.17 ng/ml



#16 4,4'-DDD

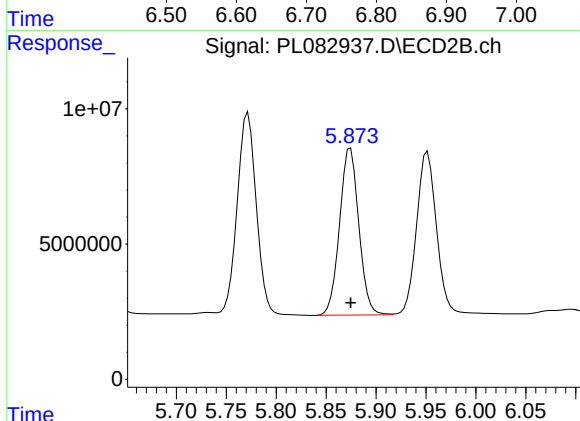
R.T.: 5.626 min  
Delta R.T.: 0.000 min  
Response: 81807672  
Conc: 42.54 ng/ml



#17 4,4'-DDT

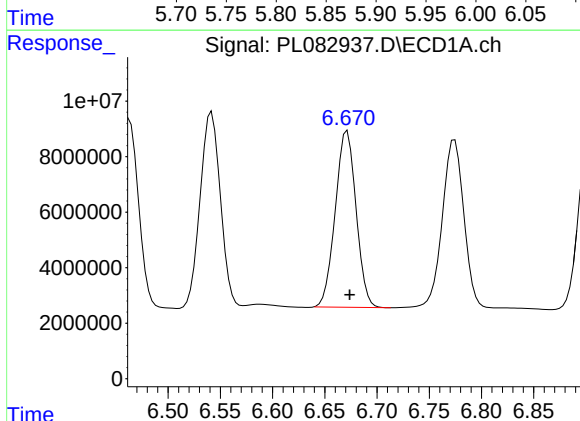
R.T.: 6.774 min  
Delta R.T.: -0.004 min  
Response: 86903303  
Conc: 34.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MID2-44(10-11)MS



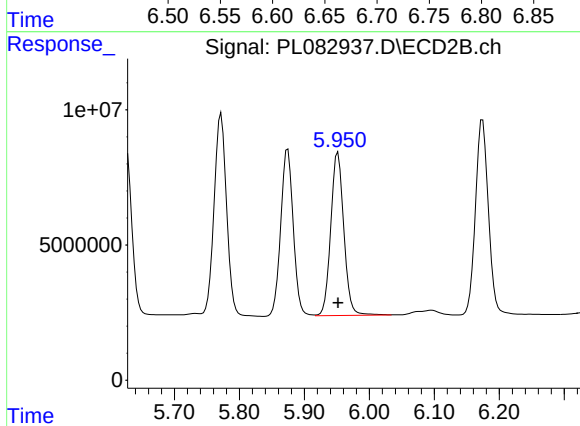
#17 4,4'-DDT

R.T.: 5.874 min  
Delta R.T.: 0.000 min  
Response: 82758467  
Conc: 37.09 ng/ml



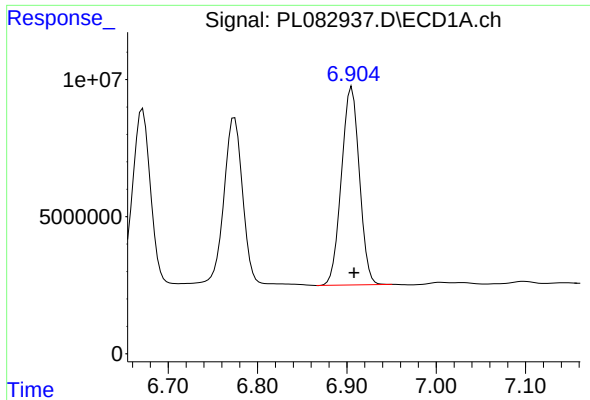
#18 Endrin aldehyde

R.T.: 6.671 min  
Delta R.T.: -0.003 min  
Response: 87968578  
Conc: 43.75 ng/ml



#18 Endrin aldehyde

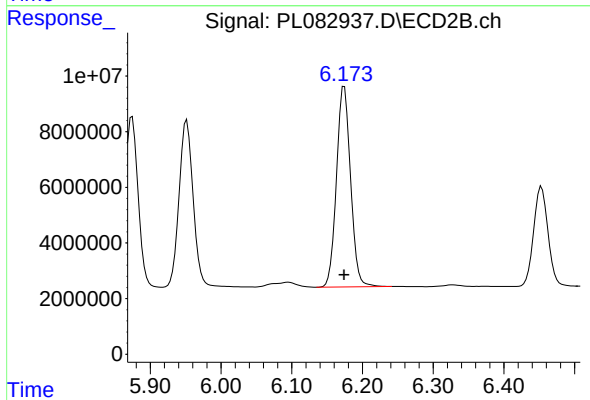
R.T.: 5.952 min  
Delta R.T.: 0.000 min  
Response: 84060918  
Conc: 42.51 ng/ml



#19 Endosulfan Sulfate

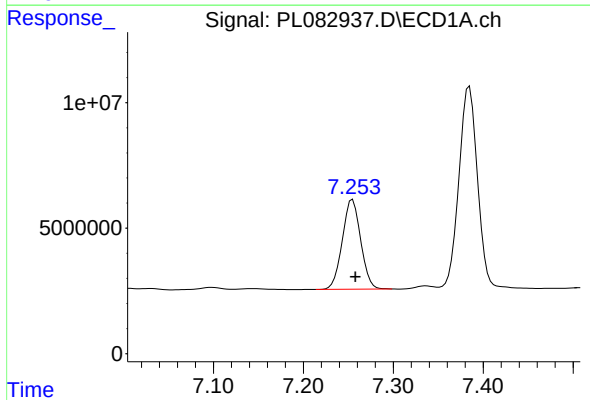
R.T.: 6.906 min  
Delta R.T.: -0.003 min  
Response: 100929096  
Conc: 39.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MID2-44(10-11)MS



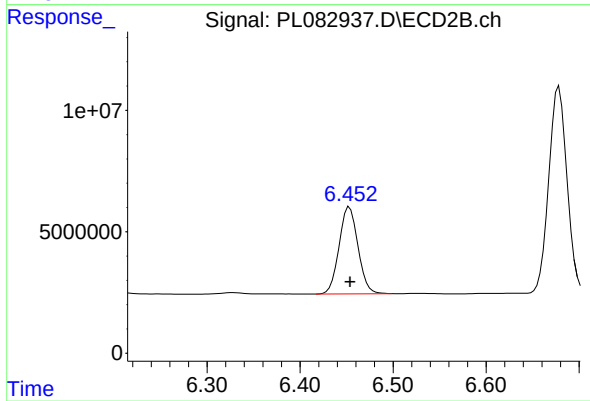
#19 Endosulfan Sulfate

R.T.: 6.174 min  
Delta R.T.: 0.000 min  
Response: 99674619  
Conc: 40.70 ng/ml



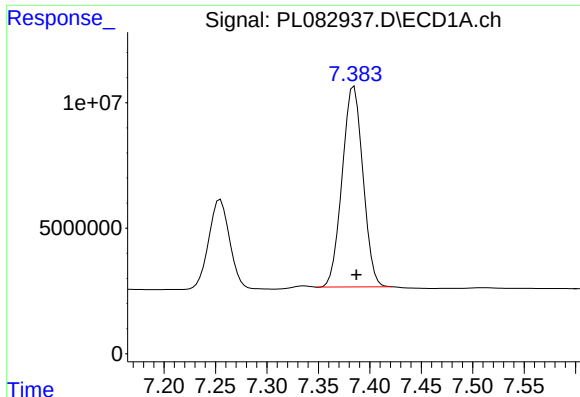
#20 Methoxychlor

R.T.: 7.255 min  
Delta R.T.: -0.003 min  
Response: 50739566  
Conc: 38.37 ng/ml



#20 Methoxychlor

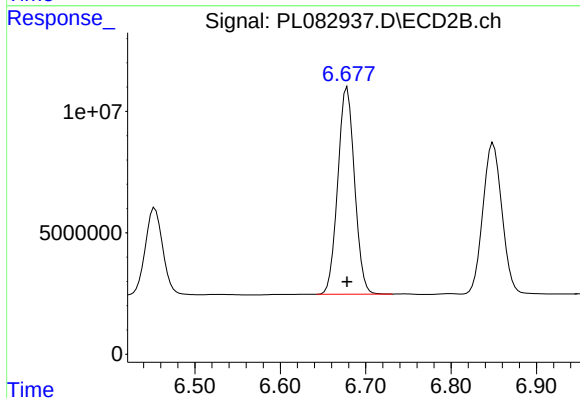
R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 50669725  
Conc: 39.84 ng/ml



#21 Endrin ketone

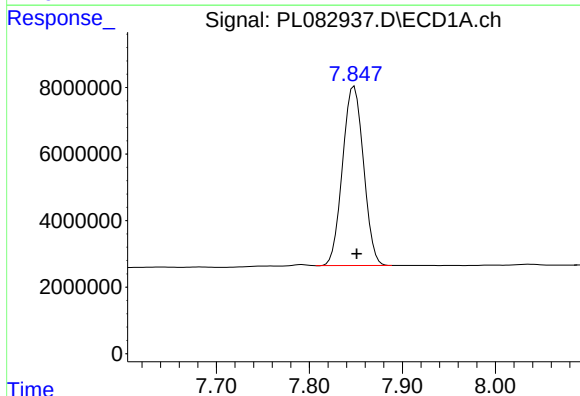
R.T.: 7.385 min  
Delta R.T.: -0.002 min  
Response: 112374592  
Conc: 44.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MID2-44(10-11)MS



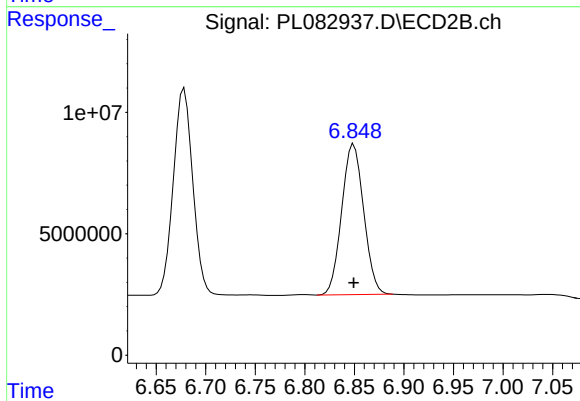
#21 Endrin ketone

R.T.: 6.678 min  
Delta R.T.: 0.000 min  
Response: 116257319  
Conc: 43.00 ng/ml



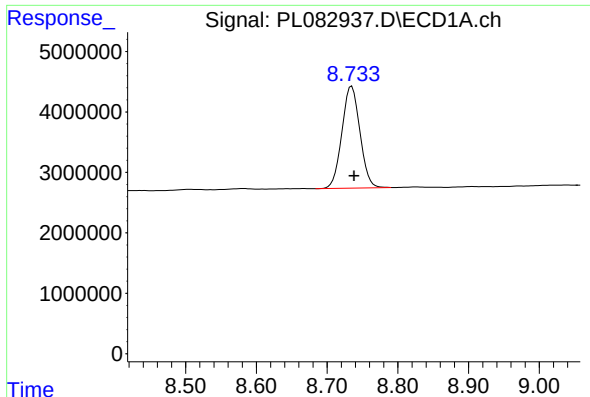
#22 Mirex

R.T.: 7.848 min  
Delta R.T.: -0.003 min  
Response: 84449569  
Conc: 40.29 ng/ml



#22 Mirex

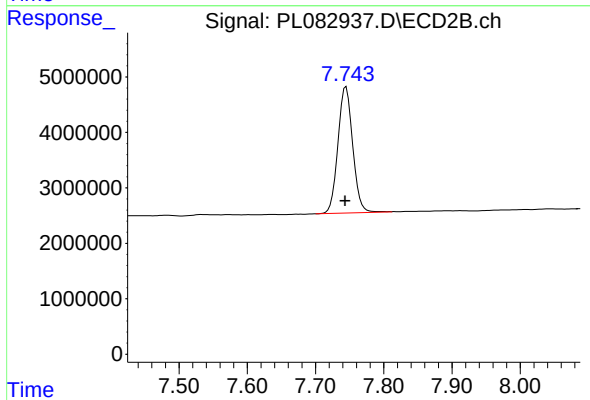
R.T.: 6.849 min  
Delta R.T.: 0.000 min  
Response: 95608917  
Conc: 40.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.735 min  
Delta R.T.: -0.003 min  
Response: 29897973  
Conc: 14.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MID2-44(10-11)MS



#28 Decachlorobiphenyl

R.T.: 7.745 min  
Delta R.T.: 0.001 min  
Response: 34231030  
Conc: 13.77 ng/ml