

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101118\  
 Data File : PL040932.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Oct 2018 18:24  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 12 01:37:09 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 11 03:28:36 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|---------|----------|----------|------------|
| -----                       |                 |       |       |         |          |          |            |
| System Monitoring Compounds |                 |       |       |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.479 | 4.105 | 294.5E6 | 150.8E6  | 53.730   | 54.080     |
| 28)                         | SA Decachlor... | 8.232 | 9.237 | 263.9E6 | 130.1E6  | 50.761   | 50.326     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.921 | 4.501 | 445.1E6 | 212.7E6  | 56.171   | 54.974     |
| 3)                          | MA gamma-BHC... | 4.205 | 4.790 | 409.3E6 | 201.9E6  | 56.058   | 56.712     |
| 4)                          | MA Heptachlor   | 4.503 | 5.306 | 399.1E6 | 185.6E6  | 54.156   | 54.832     |
| 5)                          | MB Aldrin       | 4.750 | 5.615 | 385.0E6 | 170.7E6  | 56.082   | 56.562     |
| 6)                          | B beta-BHC      | 4.456 | 4.957 | 172.3E6 | 90972380 | 54.292   | 56.761     |
| 7)                          | B delta-BHC     | 4.660 | 5.179 | 385.8E6 | 192.3E6  | 57.893   | 58.574     |
| 8)                          | B Heptachlo...  | 5.195 | 6.003 | 360.1E6 | 157.7E6  | 54.905   | 54.985     |
| 9)                          | A Endosulfan I  | 5.533 | 6.363 | 329.3E6 | 140.6E6  | 54.971   | 54.910     |
| 10)                         | B gamma-Chl...  | 5.421 | 6.237 | 357.0E6 | 156.4E6  | 54.282   | 55.756     |
| 11)                         | B alpha-Chl...  | 5.479 | 6.311 | 352.3E6 | 152.7E6  | 54.145   | 55.015     |
| 12)                         | B 4,4'-DDE      | 5.645 | 6.465 | 320.4E6 | 145.9E6  | 56.369   | 55.152     |
| 13)                         | MA Dieldrin     | 5.776 | 6.621 | 352.8E6 | 145.3E6  | 55.802   | 54.569     |
| 14)                         | MA Endrin       | 6.034 | 6.840 | 312.2E6 | 118.0E6  | 54.345   | 52.870     |
| 15)                         | B Endosulfa...  | 6.308 | 7.048 | 301.3E6 | 127.8E6  | 53.759   | 53.815     |
| 16)                         | A 4,4'-DDD      | 6.162 | 6.956 | 264.0E6 | 114.9E6  | 58.446   | 54.837     |
| 17)                         | MA 4,4'-DDT     | 6.401 | 7.256 | 240.4E6 | 105.3E6  | 52.777   | 50.635     |
| 18)                         | B Endrin al...  | 6.477 | 7.172 | 225.8E6 | 106.1E6  | 53.863   | 53.480     |
| 19)                         | B Endosulfa...  | 6.689 | 7.395 | 271.2E6 | 119.6E6  | 53.298   | 53.522     |
| 20)                         | A Methoxychlor  | 6.950 | 7.712 | 131.5E6 | 58262205 | 50.573   | 49.494     |
| 21)                         | B Endrin ke...  | 7.180 | 7.870 | 294.0E6 | 127.2E6  | 56.158   | 54.086     |
| 23)                         | Chlordane-1     | 4.378 | 5.179 | 1739091 | 192.3E6  | 6.814    | 1556.644 # |
| 24)                         | Chlordane-2     | 0.000 | 5.615 | 0       | 170.7E6  | N.D.     | 1380.370 # |
| 25)                         | Chlordane-3     | 5.421 | 6.237 | 357.0E6 | 156.4E6  | 466.411  | 387.900    |
| 26)                         | Chlordane-4     | 5.479 | 6.311 | 352.3E6 | 152.7E6  | 525.393  | 321.715 #  |
| 27)                         | Chlordane-5     | 6.308 | 7.172 | 301.3E6 | 106.1E6  | 1390.371 | 1199.266   |
| -----                       |                 |       |       |         |          |          |            |

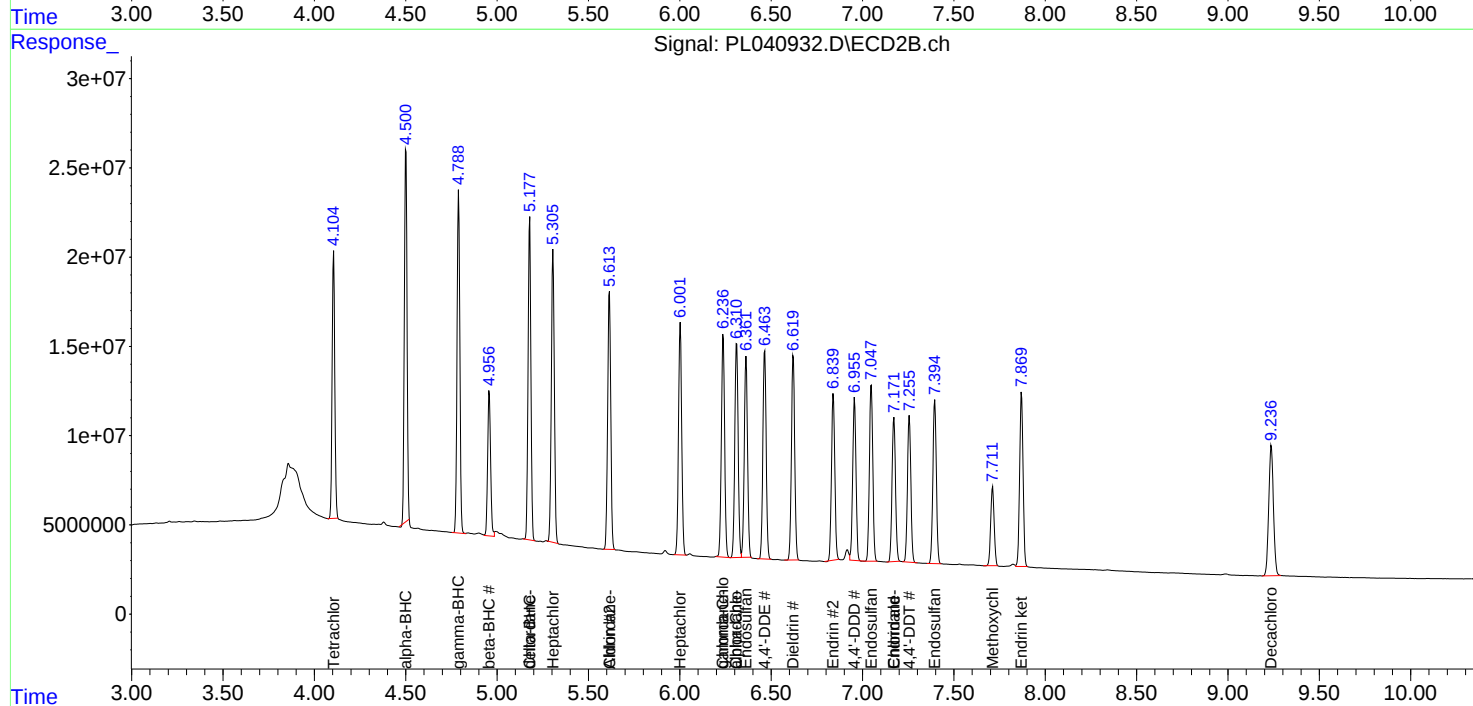
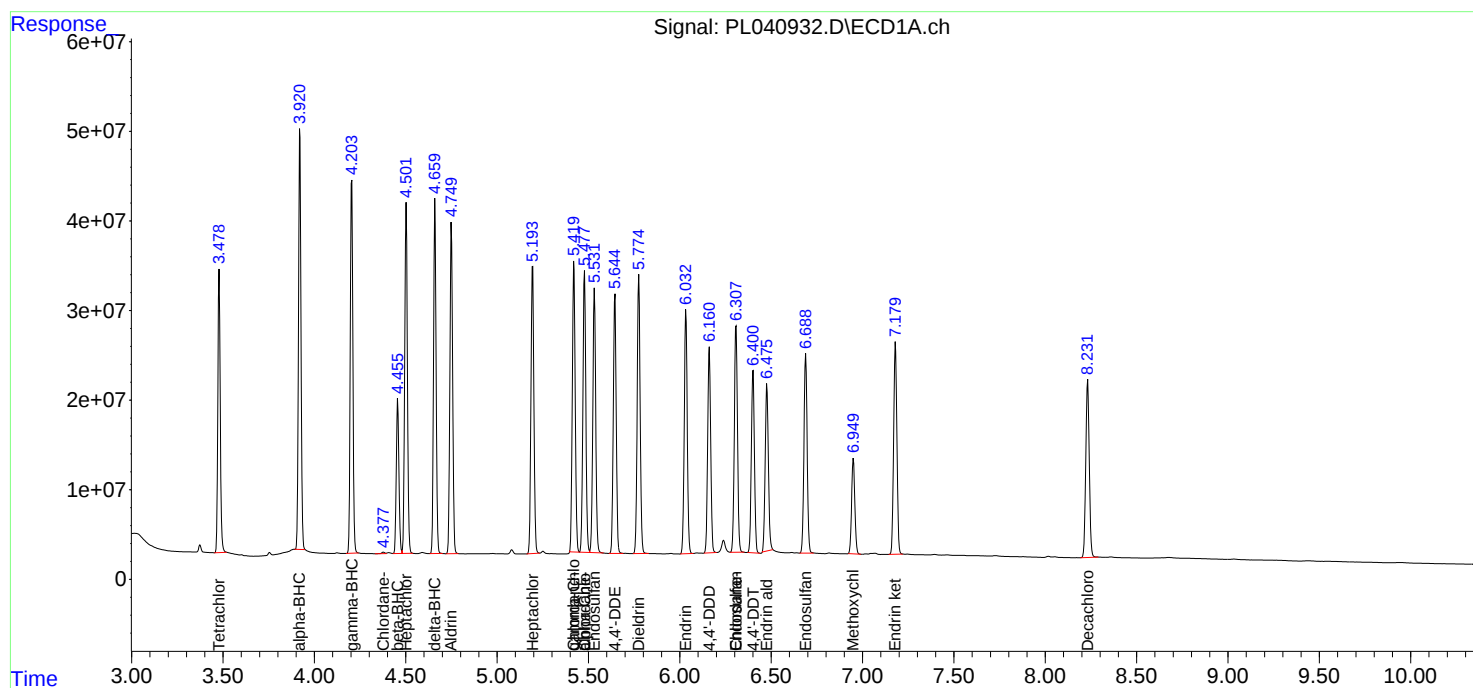
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

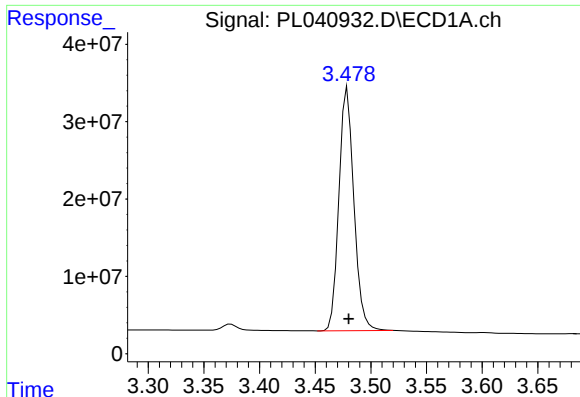
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101118\  
Data File : PL040932.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Oct 2018 18:24  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 12 01:37:09 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 11 03:28:36 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

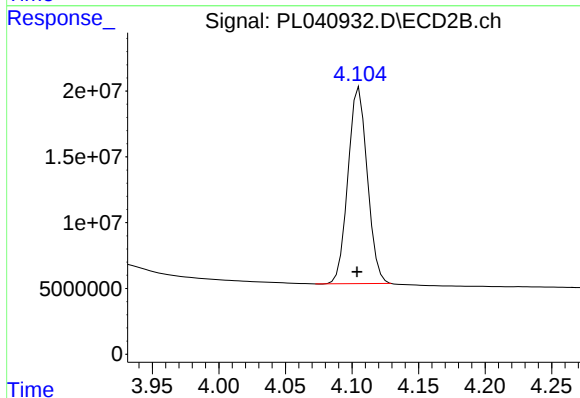




#1 Tetrachloro-m-xylene

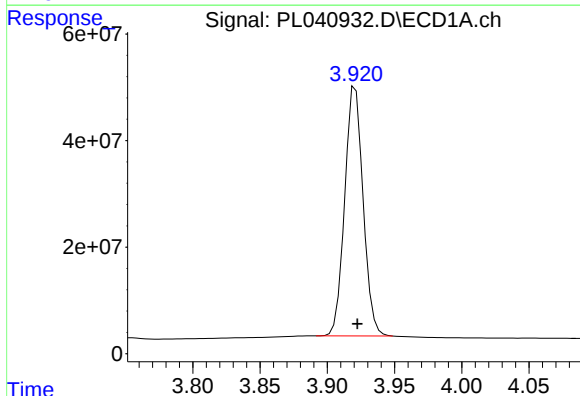
R.T.: 3.479 min  
Delta R.T.: 0.000 min  
Response: 294481116  
Conc: 53.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



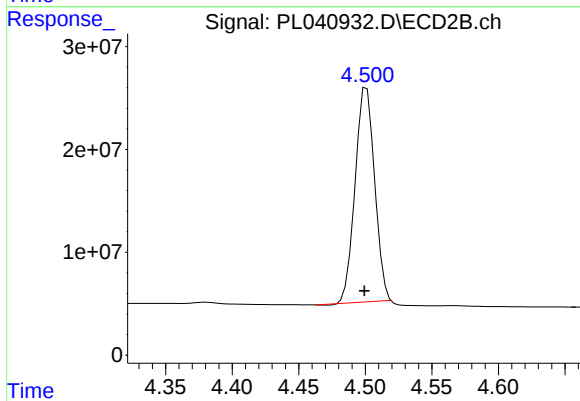
#1 Tetrachloro-m-xylene

R.T.: 4.105 min  
Delta R.T.: 0.002 min  
Response: 150789763  
Conc: 54.08 ng/ml



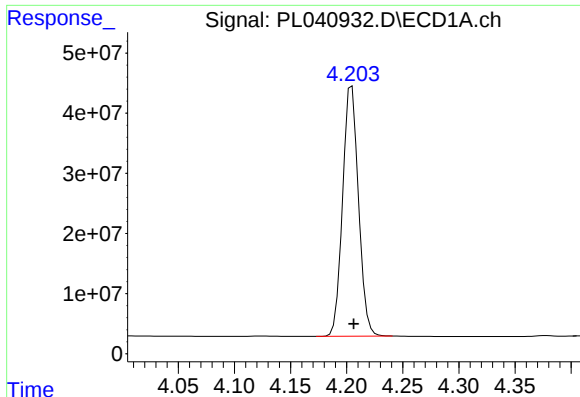
#2 alpha-BHC

R.T.: 3.921 min  
Delta R.T.: -0.001 min  
Response: 445075170  
Conc: 56.17 ng/ml



#2 alpha-BHC

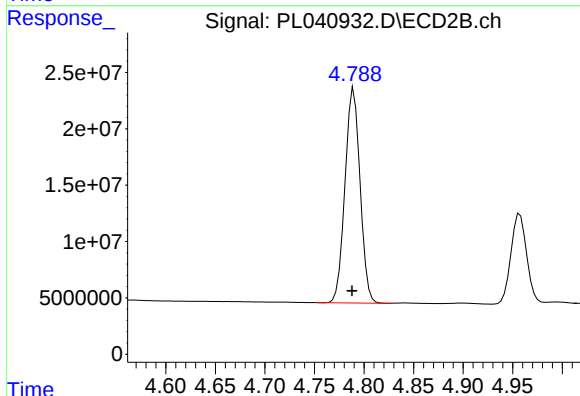
R.T.: 4.501 min  
Delta R.T.: 0.002 min  
Response: 212708190  
Conc: 54.97 ng/ml



#3 gamma-BHC (Lindane)

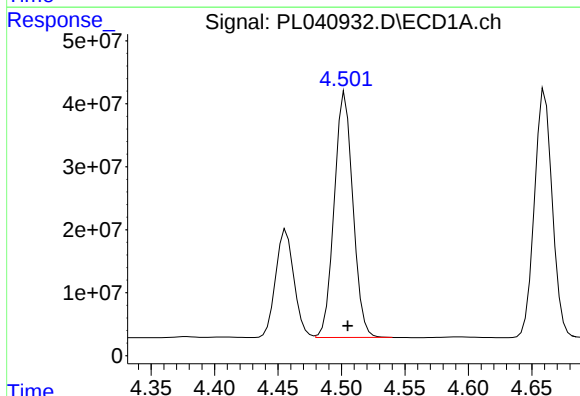
R.T.: 4.205 min  
Delta R.T.: -0.002 min  
Response: 409330856  
Conc: 56.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



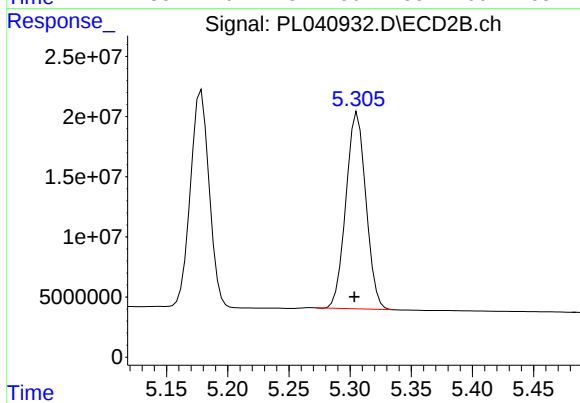
#3 gamma-BHC (Lindane)

R.T.: 4.790 min  
Delta R.T.: 0.002 min  
Response: 201940121  
Conc: 56.71 ng/ml



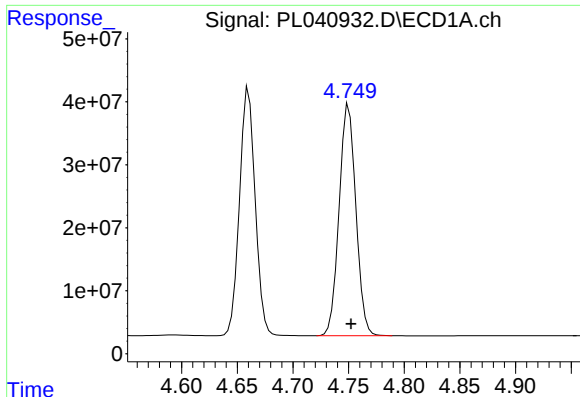
#4 Heptachlor

R.T.: 4.503 min  
Delta R.T.: -0.002 min  
Response: 399077653  
Conc: 54.16 ng/ml



#4 Heptachlor

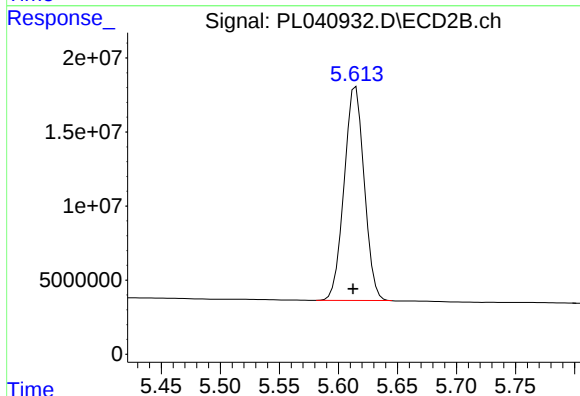
R.T.: 5.306 min  
Delta R.T.: 0.002 min  
Response: 185585345  
Conc: 54.83 ng/ml



#5 Aldrin

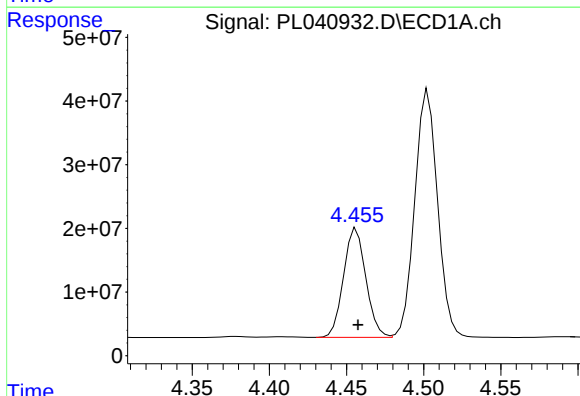
R.T.: 4.750 min  
Delta R.T.: -0.002 min  
Response: 384964487  
Conc: 56.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



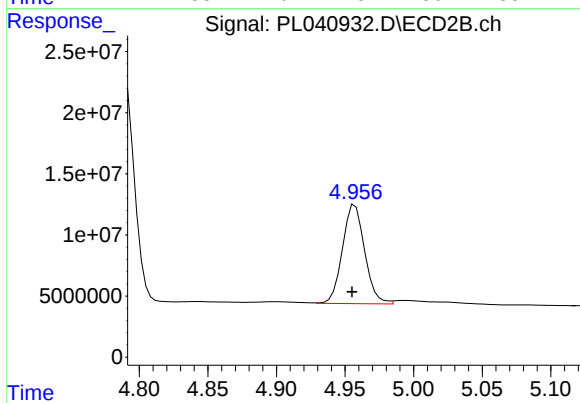
#5 Aldrin

R.T.: 5.615 min  
Delta R.T.: 0.002 min  
Response: 170710797  
Conc: 56.56 ng/ml



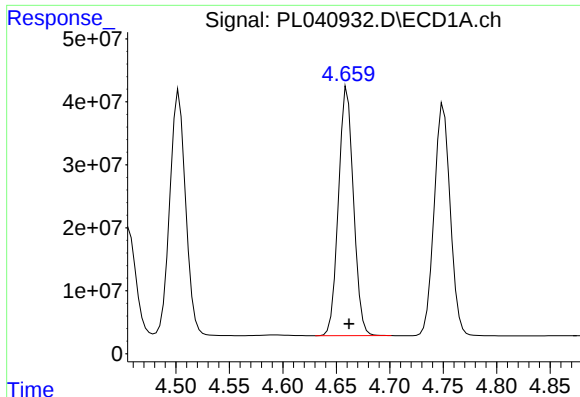
#6 beta-BHC

R.T.: 4.456 min  
Delta R.T.: -0.001 min  
Response: 172268978  
Conc: 54.29 ng/ml



#6 beta-BHC

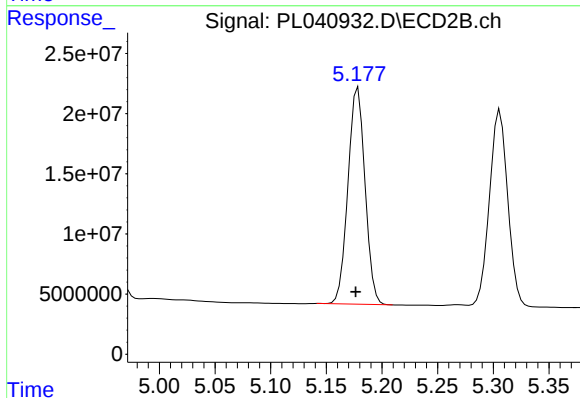
R.T.: 4.957 min  
Delta R.T.: 0.002 min  
Response: 90972380  
Conc: 56.76 ng/ml



#7 delta-BHC

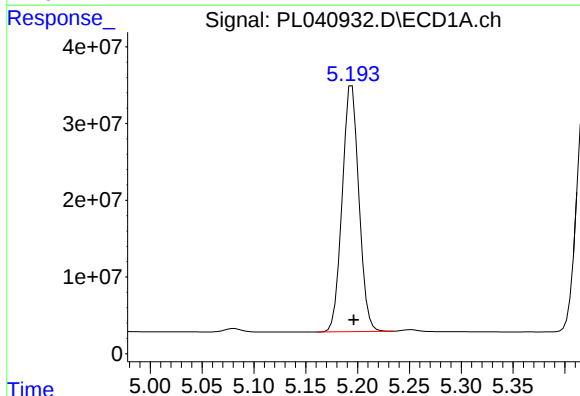
R.T.: 4.660 min  
Delta R.T.: -0.002 min  
Response: 385789995  
Conc: 57.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



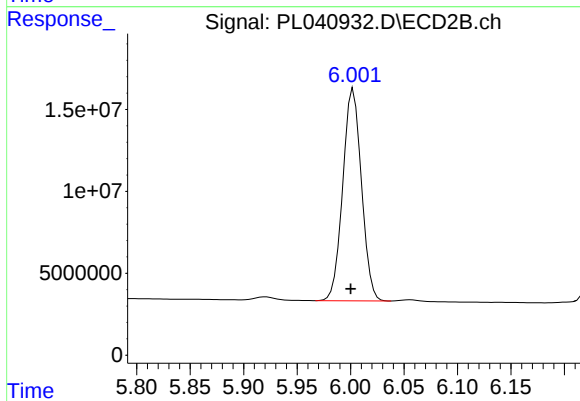
#7 delta-BHC

R.T.: 5.179 min  
Delta R.T.: 0.002 min  
Response: 192267833  
Conc: 58.57 ng/ml



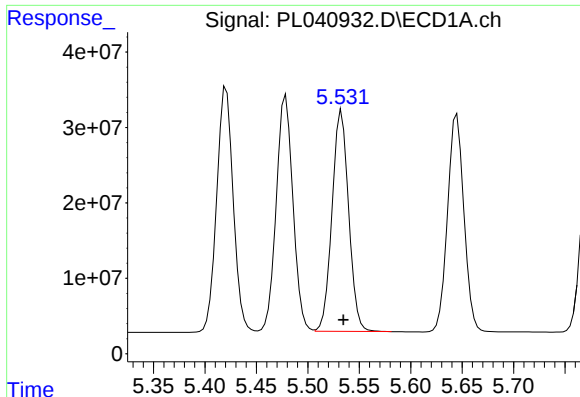
#8 Heptachlor epoxide

R.T.: 5.195 min  
Delta R.T.: -0.002 min  
Response: 360109210  
Conc: 54.91 ng/ml



#8 Heptachlor epoxide

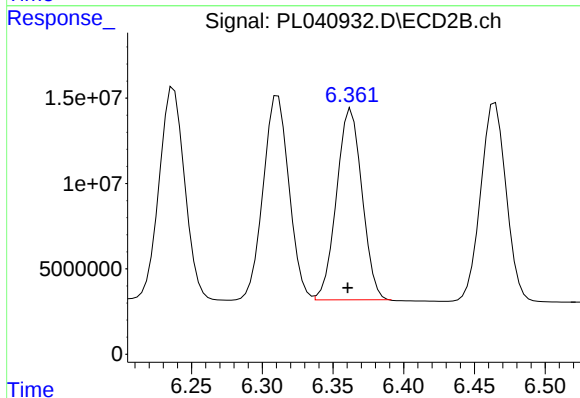
R.T.: 6.003 min  
Delta R.T.: 0.003 min  
Response: 157706658  
Conc: 54.99 ng/ml



#9 Endosulfan I

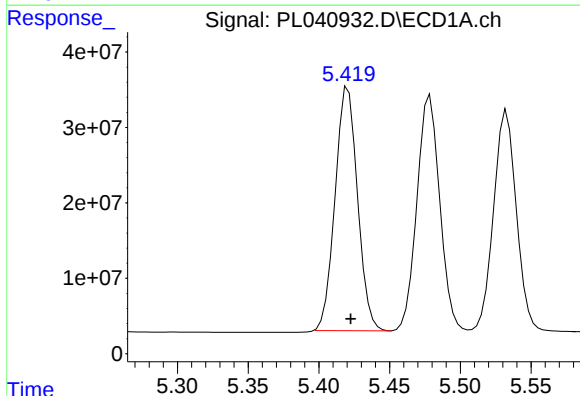
R.T.: 5.533 min  
Delta R.T.: -0.002 min  
Response: 329324965  
Conc: 54.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



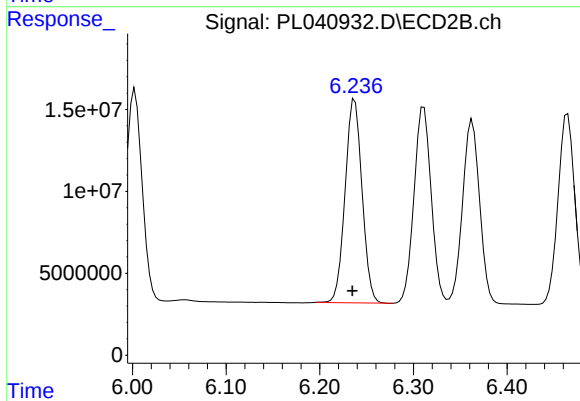
#9 Endosulfan I

R.T.: 6.363 min  
Delta R.T.: 0.002 min  
Response: 140637050  
Conc: 54.91 ng/ml



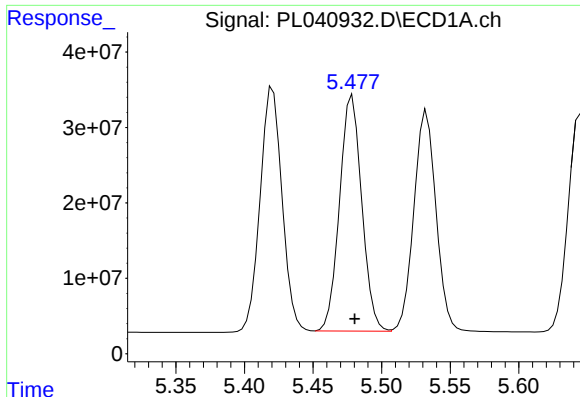
#10 gamma-Chlordane

R.T.: 5.421 min  
Delta R.T.: -0.002 min  
Response: 356974650  
Conc: 54.28 ng/ml



#10 gamma-Chlordane

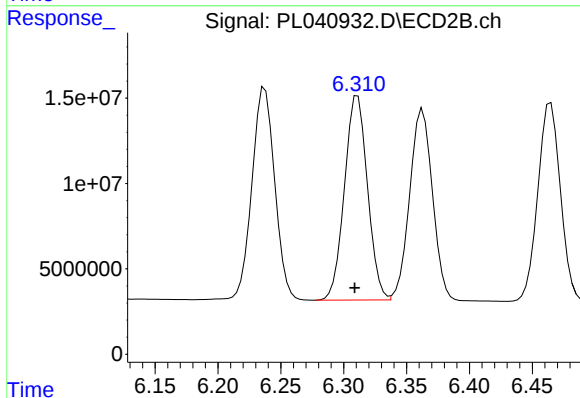
R.T.: 6.237 min  
Delta R.T.: 0.003 min  
Response: 156374837  
Conc: 55.76 ng/ml



#11 alpha-Chlordane

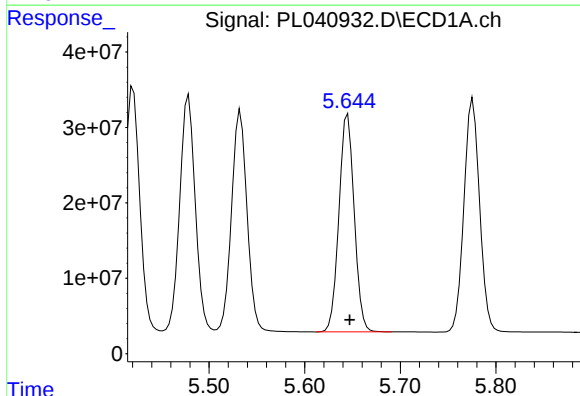
R.T.: 5.479 min  
Delta R.T.: -0.002 min  
Response: 352265982  
Conc: 54.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



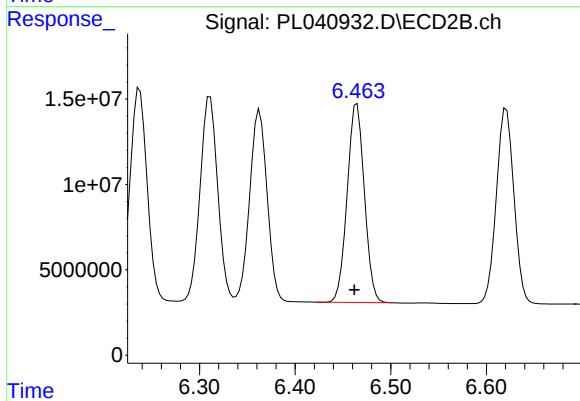
#11 alpha-Chlordane

R.T.: 6.311 min  
Delta R.T.: 0.002 min  
Response: 152699386  
Conc: 55.02 ng/ml



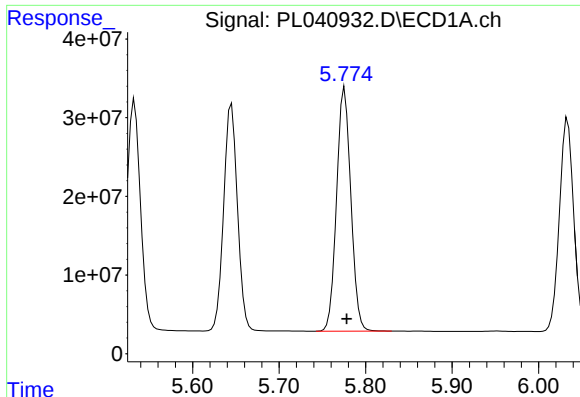
#12 4,4'-DDE

R.T.: 5.645 min  
Delta R.T.: -0.002 min  
Response: 320392745  
Conc: 56.37 ng/ml



#12 4,4'-DDE

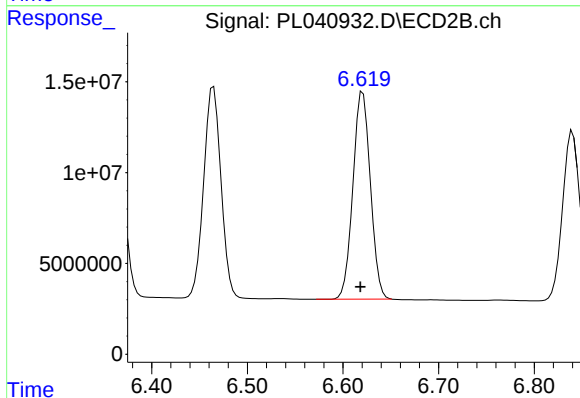
R.T.: 6.465 min  
Delta R.T.: 0.003 min  
Response: 145894412  
Conc: 55.15 ng/ml



#13 Dieldrin

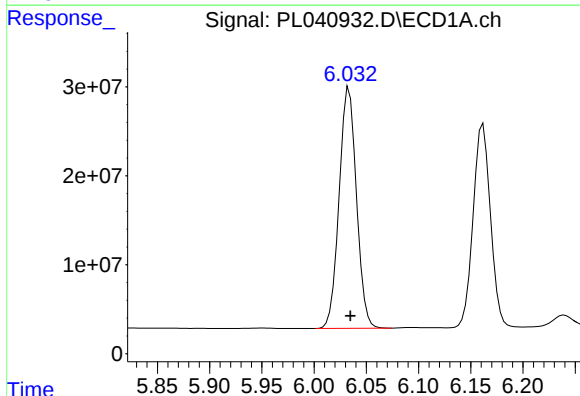
R.T.: 5.776 min  
Delta R.T.: -0.002 min  
Response: 352802665  
Conc: 55.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



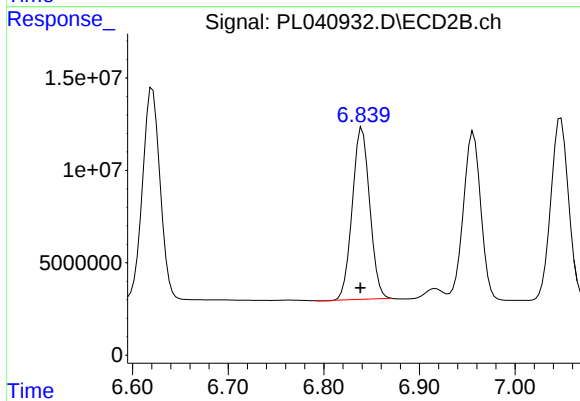
#13 Dieldrin

R.T.: 6.621 min  
Delta R.T.: 0.003 min  
Response: 145285179  
Conc: 54.57 ng/ml



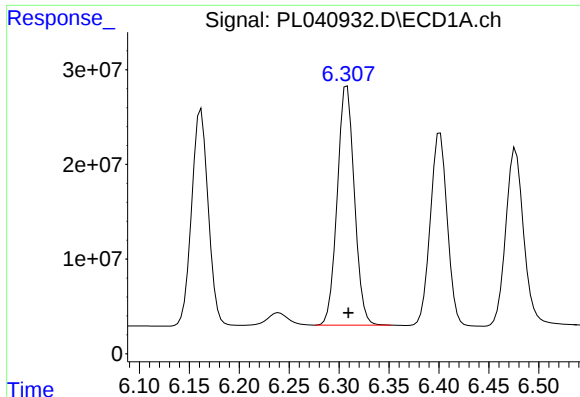
#14 Endrin

R.T.: 6.034 min  
Delta R.T.: -0.001 min  
Response: 312157374  
Conc: 54.34 ng/ml



#14 Endrin

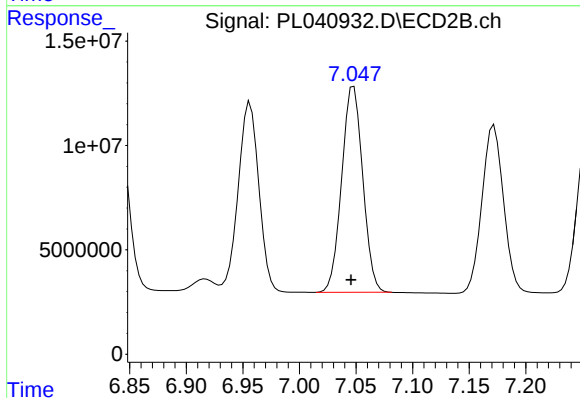
R.T.: 6.840 min  
Delta R.T.: 0.002 min  
Response: 118013201  
Conc: 52.87 ng/ml



#15 Endosulfan II

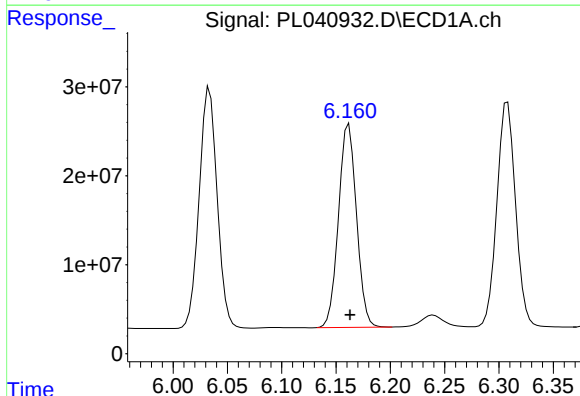
R.T.: 6.308 min  
Delta R.T.: -0.001 min  
Response: 301315260  
Conc: 53.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



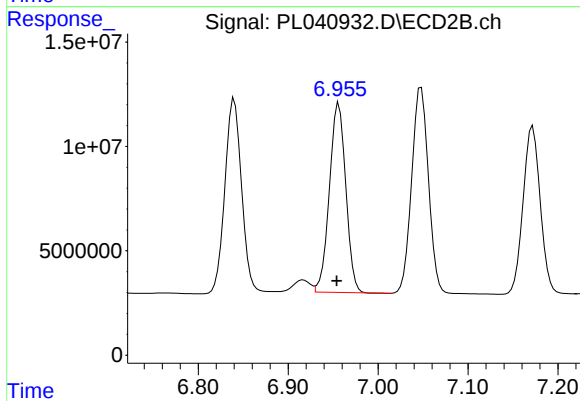
#15 Endosulfan II

R.T.: 7.048 min  
Delta R.T.: 0.002 min  
Response: 127814024  
Conc: 53.82 ng/ml



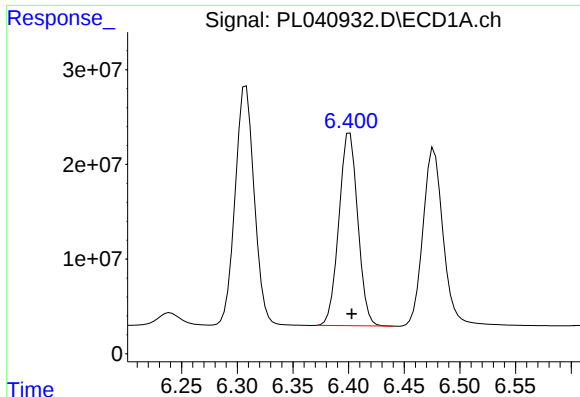
#16 4,4'-DDD

R.T.: 6.162 min  
Delta R.T.: -0.001 min  
Response: 263995679  
Conc: 58.45 ng/ml



#16 4,4'-DDD

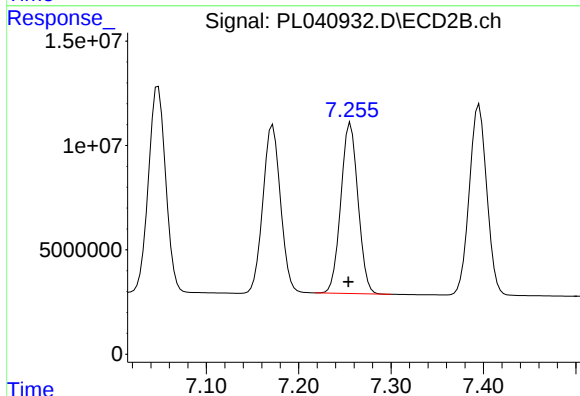
R.T.: 6.956 min  
Delta R.T.: 0.003 min  
Response: 114868050  
Conc: 54.84 ng/ml



#17 4,4'-DDT

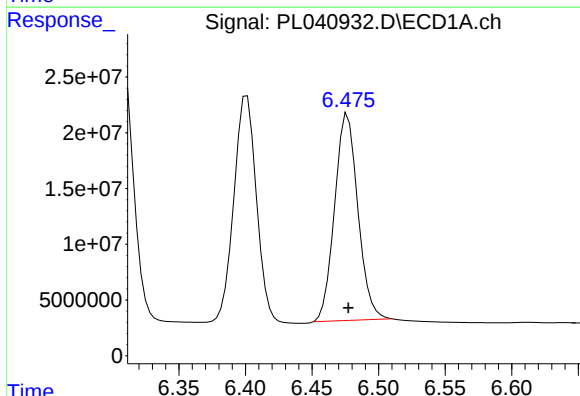
R.T.: 6.401 min  
Delta R.T.: -0.002 min  
Response: 240379960  
Conc: 52.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



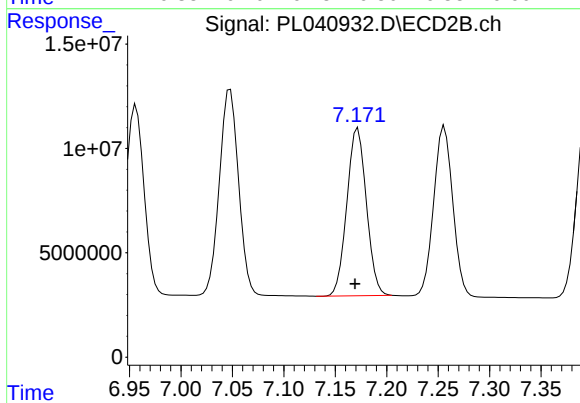
#17 4,4'-DDT

R.T.: 7.256 min  
Delta R.T.: 0.003 min  
Response: 105325846  
Conc: 50.63 ng/ml



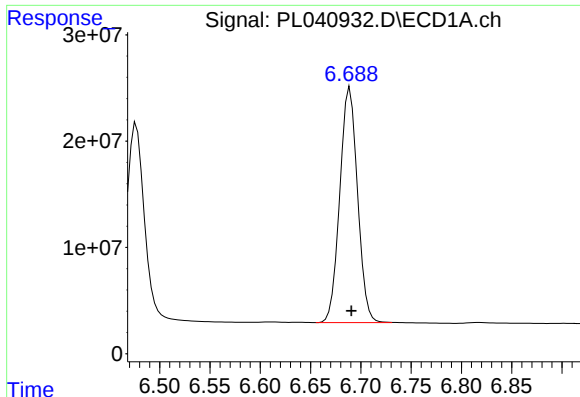
#18 Endrin aldehyde

R.T.: 6.477 min  
Delta R.T.: 0.000 min  
Response: 225838012  
Conc: 53.86 ng/ml



#18 Endrin aldehyde

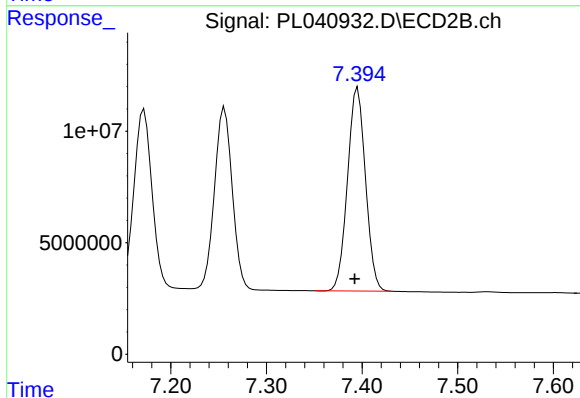
R.T.: 7.172 min  
Delta R.T.: 0.003 min  
Response: 106110997  
Conc: 53.48 ng/ml



#19 Endosulfan Sulfate

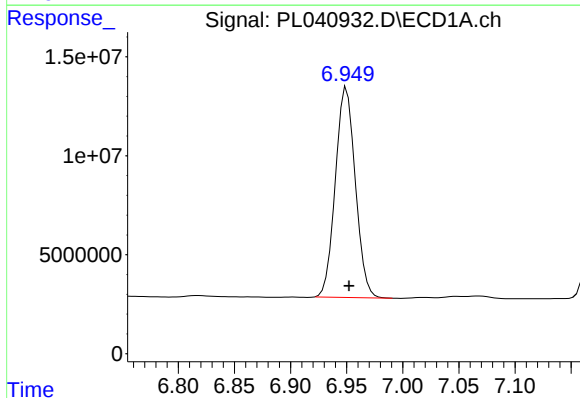
R.T.: 6.689 min  
Delta R.T.: -0.001 min  
Response: 271174233  
Conc: 53.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



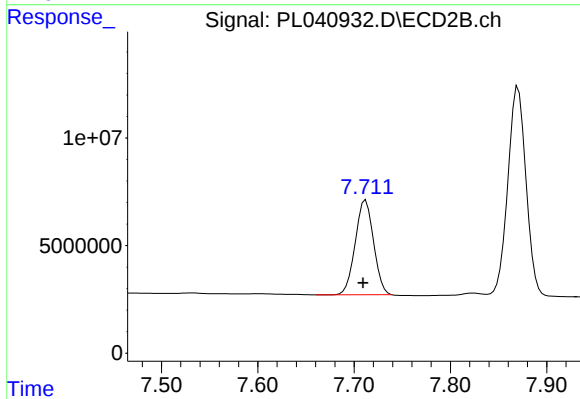
#19 Endosulfan Sulfate

R.T.: 7.395 min  
Delta R.T.: 0.003 min  
Response: 119590841  
Conc: 53.52 ng/ml



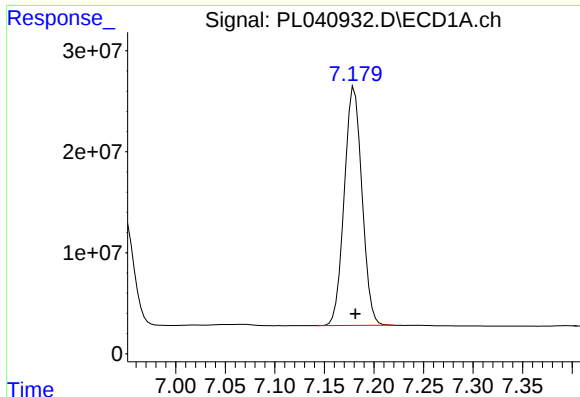
#20 Methoxychlor

R.T.: 6.950 min  
Delta R.T.: -0.002 min  
Response: 131549639  
Conc: 50.57 ng/ml



#20 Methoxychlor

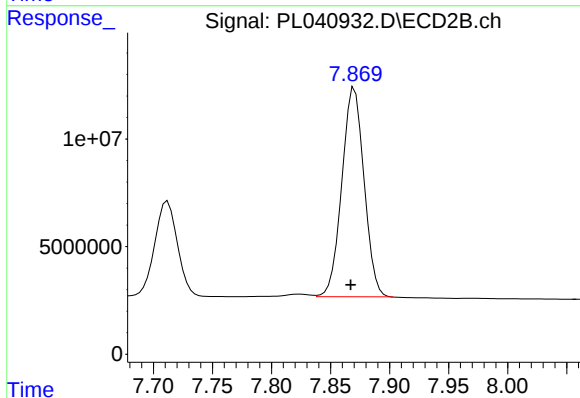
R.T.: 7.712 min  
Delta R.T.: 0.003 min  
Response: 58262205  
Conc: 49.49 ng/ml



#21 Endrin ketone

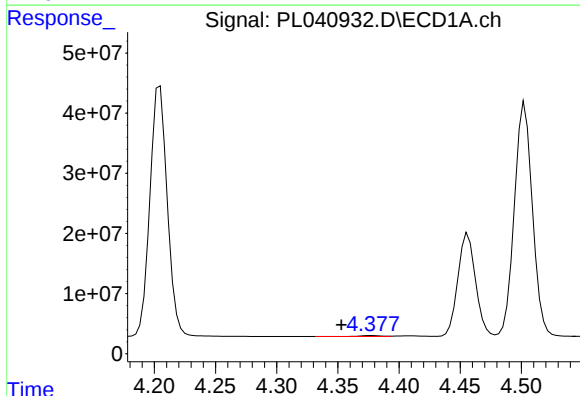
R.T.: 7.180 min  
Delta R.T.: -0.001 min  
Response: 293972171  
Conc: 56.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



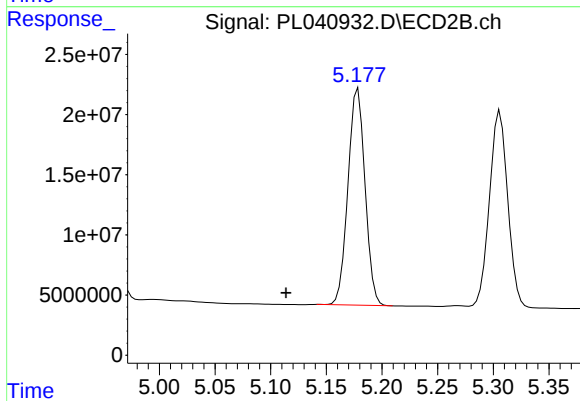
#21 Endrin ketone

R.T.: 7.870 min  
Delta R.T.: 0.003 min  
Response: 127185279  
Conc: 54.09 ng/ml



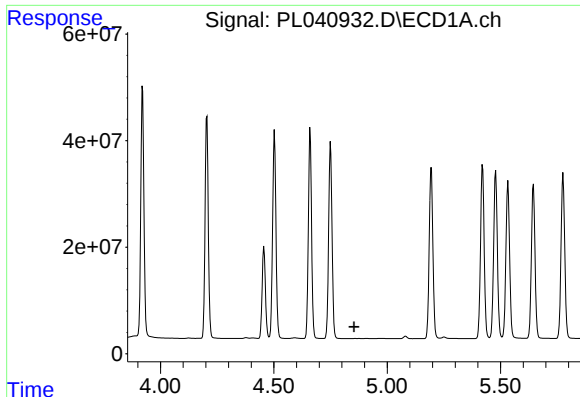
#23 Chlordane-1

R.T.: 4.378 min  
Delta R.T.: 0.025 min  
Response: 1739091  
Conc: 6.81 ng/ml



#23 Chlordane-1

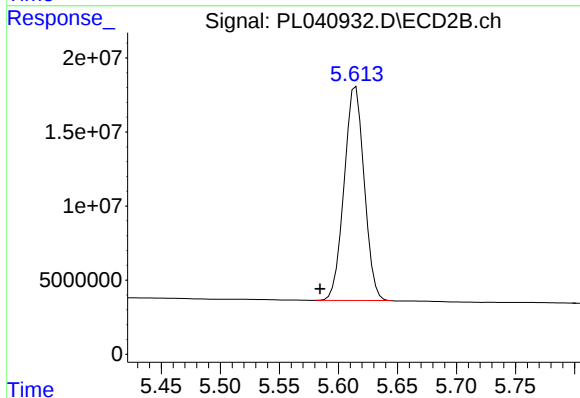
R.T.: 5.179 min  
Delta R.T.: 0.065 min  
Response: 192267833  
Conc: 1556.64 ng/ml



#24 Chlordane-2

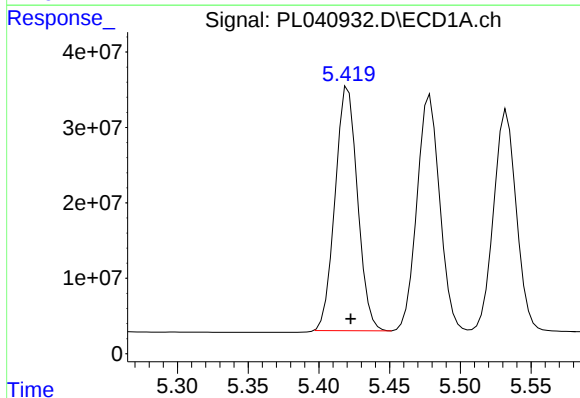
R.T.: 0.000 min  
Exp R.T.: 4.854 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



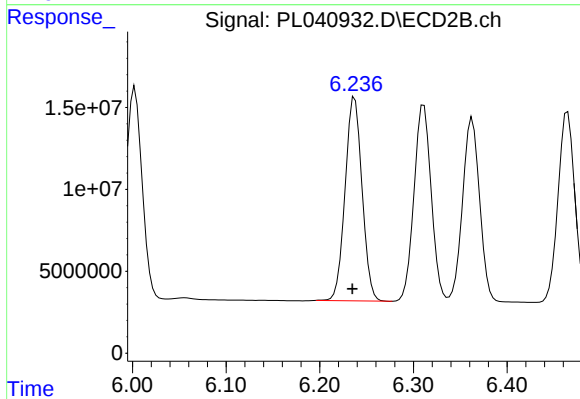
#24 Chlordane-2

R.T.: 5.615 min  
Delta R.T.: 0.030 min  
Response: 170710797  
Conc: 1380.37 ng/ml



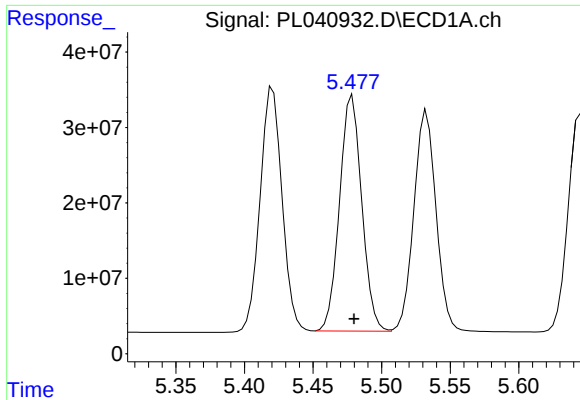
#25 Chlordane-3

R.T.: 5.421 min  
Delta R.T.: -0.002 min  
Response: 356974650  
Conc: 466.41 ng/ml



#25 Chlordane-3

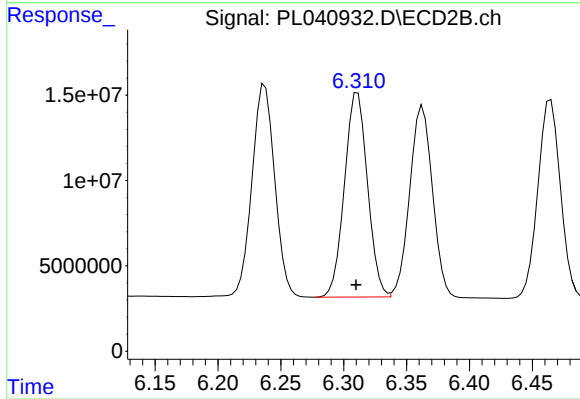
R.T.: 6.237 min  
Delta R.T.: 0.003 min  
Response: 156374837  
Conc: 387.90 ng/ml



#26 Chlordane-4

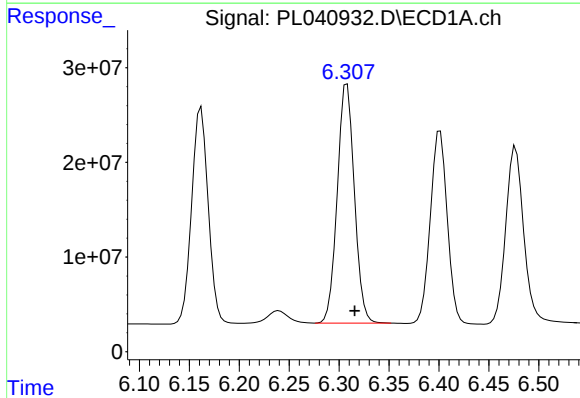
R.T.: 5.479 min  
Delta R.T.: -0.001 min  
Response: 352265982  
Conc: 525.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



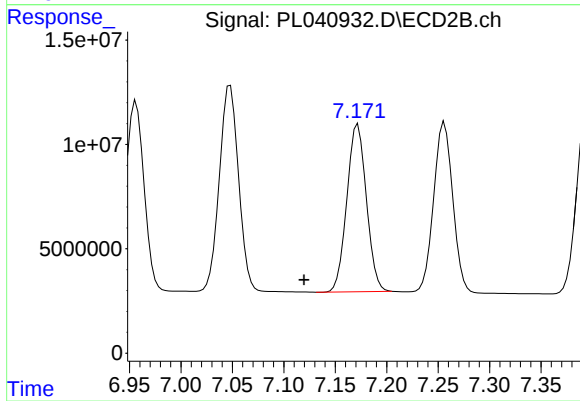
#26 Chlordane-4

R.T.: 6.311 min  
Delta R.T.: 0.001 min  
Response: 152699386  
Conc: 321.71 ng/ml



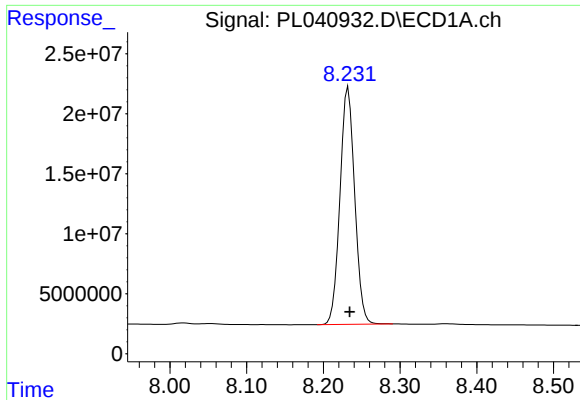
#27 Chlordane-5

R.T.: 6.308 min  
Delta R.T.: -0.008 min  
Response: 301315260  
Conc: 1390.37 ng/ml



#27 Chlordane-5

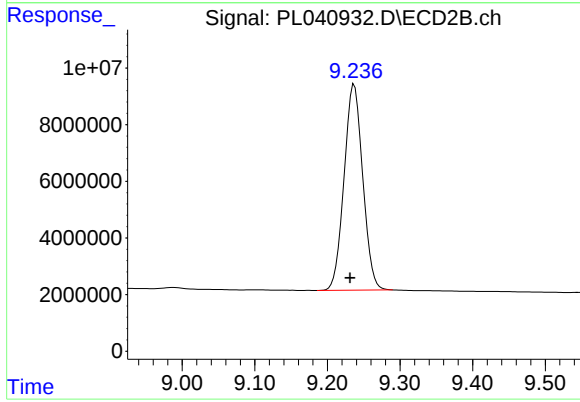
R.T.: 7.172 min  
Delta R.T.: 0.052 min  
Response: 106110997  
Conc: 1199.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.232 min  
Delta R.T.: -0.002 min  
Response: 263931856  
Conc: 50.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.237 min  
Delta R.T.: 0.006 min  
Response: 130135727  
Conc: 50.33 ng/ml