

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101623\  
 Data File : PL085941.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Oct 2023 13:09  
 Operator : AR\AJ  
 Sample : PB156371BSD  
 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: Oct 16 22:13:32 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 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... | 3.357  | 2.622 | 50060686 | 14928478 | 16.832   | 15.981    |
| 28)                         | SA Decachlor... | 8.862  | 7.776 | 48051511 | 20767558 | 22.062   | 22.500    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.811  | 3.120 | 207.5E6  | 58817120 | 48.343   | 46.750    |
| 3)                          | MA gamma-BHC... | 4.143  | 3.448 | 191.9E6  | 56998380 | 46.438   | 46.214    |
| 4)                          | MA Heptachlor   | 4.731  | 3.784 | 204.7E6  | 59895393 | 52.921   | 51.498    |
| 5)                          | MB Aldrin       | 5.070  | 4.061 | 187.2E6  | 55608486 | 48.296   | 49.727    |
| 6)                          | B beta-BHC      | 4.346  | 3.750 | 83976040 | 25831715 | 50.783   | 49.620    |
| 7)                          | B delta-BHC     | 4.589  | 3.975 | 192.4E6  | 55794669 | 50.177   | 48.561    |
| 8)                          | B Heptachlo...  | 5.500  | 4.566 | 172.0E6  | 53243319 | 49.848   | 53.010    |
| 9)                          | A Endosulfan I  | 5.884  | 4.934 | 162.9E6  | 50944345 | 50.373   | 47.490    |
| 10)                         | B gamma-Chl...  | 5.758  | 4.819 | 177.9E6  | 55936595 | 51.988   | 56.480    |
| 11)                         | B alpha-Chl...  | 5.837  | 4.882 | 173.5E6  | 55408040 | 50.769   | 50.799    |
| 12)                         | B 4,4'-DDE      | 6.021  | 5.081 | 153.0E6  | 48555203 | 54.696   | 59.132    |
| 13)                         | MA Dieldrin     | 6.162  | 5.200 | 159.9E6  | 52058814 | 48.660   | 53.657    |
| 14)                         | MA Endrin       | 6.390  | 5.473 | 139.1E6  | 47159129 | 48.820   | 52.457    |
| 15)                         | B Endosulfa...  | 6.613  | 5.771 | 132.3E6  | 46018813 | 48.019   | 48.393    |
| 16)                         | A 4,4'-DDD      | 6.540  | 5.637 | 120.4E6  | 41800917 | 59.782   | 60.055    |
| 17)                         | MA 4,4'-DDT     | 6.856  | 5.888 | 129.3E6  | 44119865 | 54.854   | 55.795    |
| 18)                         | B Endrin al...  | 6.744  | 5.953 | 107.2E6  | 38771465 | 52.897   | 51.993    |
| 19)                         | B Endosulfa...  | 6.981  | 6.178 | 135.0E6  | 48233718 | 53.789   | 53.467    |
| 20)                         | A Methoxychlor  | 7.341  | 6.473 | 68760063 | 25864675 | 49.233   | 49.165    |
| 21)                         | B Endrin ke...  | 7.463  | 6.680 | 141.3E6  | 57607577 | 49.060   | 50.119    |
| 22)                         | Mirex           | 7.936  | 6.857 | 113.1E6  | 48258283 | 51.088   | 51.166    |
| 23)                         | Chlordane-1     | 0.000  | 3.624 | 0        | 35449    | N.D.     | 1.087 #   |
| 24)                         | Chlordane-2     | 5.070f | 4.187 | 187.2E6  | 91062    | 1439.605 | 2.340 #   |
| 25)                         | Chlordane-3     | 5.758  | 4.819 | 177.9E6  | 55936595 | 348.633  | 553.566 # |
| 26)                         | Chlordane-4     | 5.837  | 4.882 | 173.5E6  | 55408040 | 273.487  | 478.546 # |
| 27)                         | Chlordane-5     | 0.000  | 5.553 | 0        | 67828    | N.D.     | 2.434 #   |
| -----                       |                 |        |       |          |          |          |           |

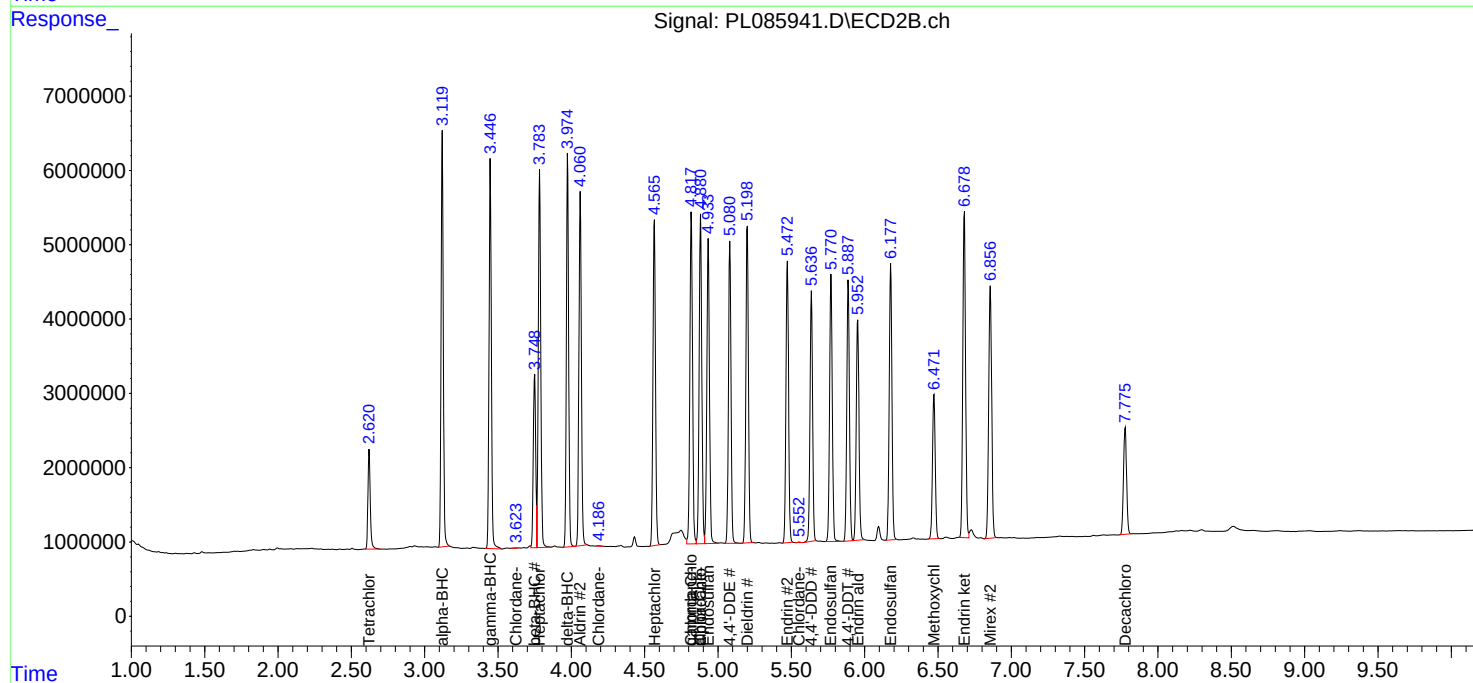
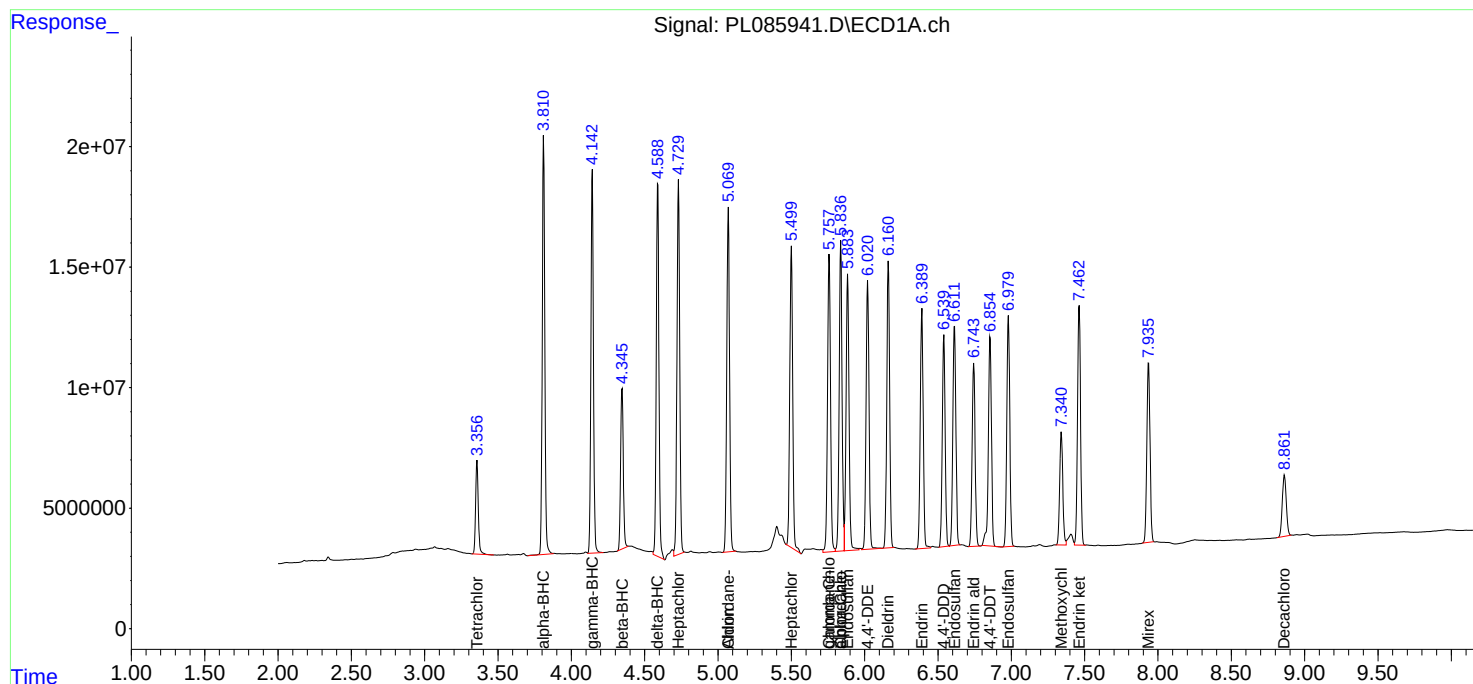
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

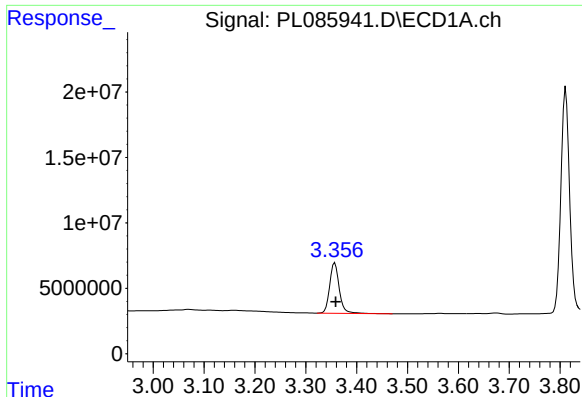
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101623\  
Data File : PL085941.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Oct 2023 13:09  
Operator : AR\AJ  
Sample : PB156371BSD  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 16 22:13:32 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 04 05:29:39 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

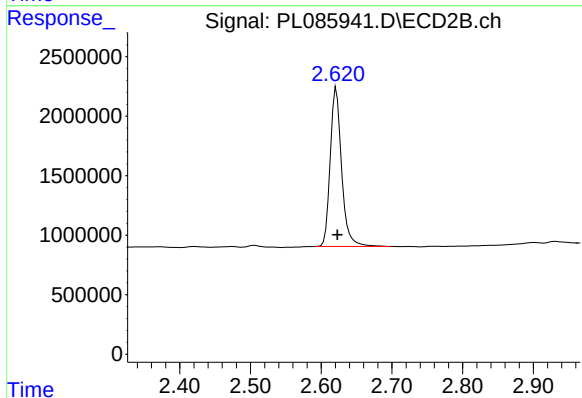




#1 Tetrachloro-m-xylene

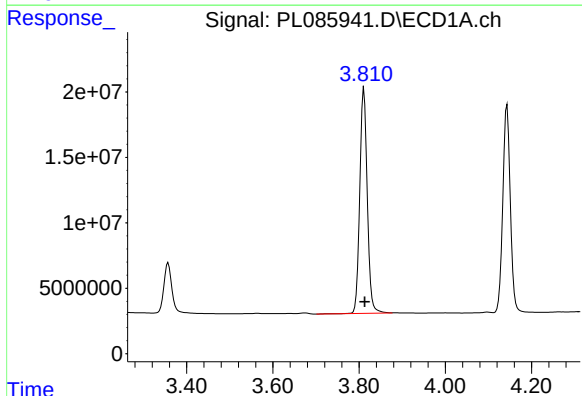
R.T.: 3.357 min  
Delta R.T.: -0.002 min  
Response: 50060686  
Conc: 16.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



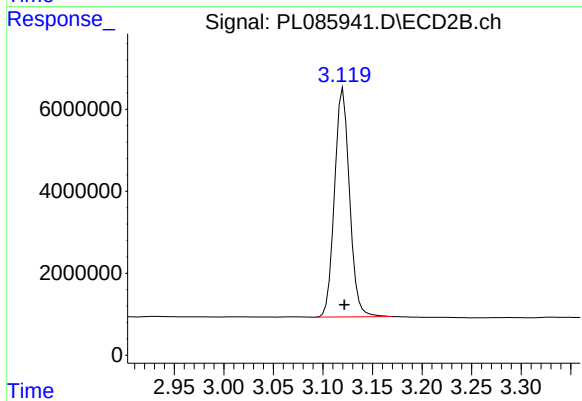
#1 Tetrachloro-m-xylene

R.T.: 2.622 min  
Delta R.T.: -0.001 min  
Response: 14928478  
Conc: 15.98 ng/ml



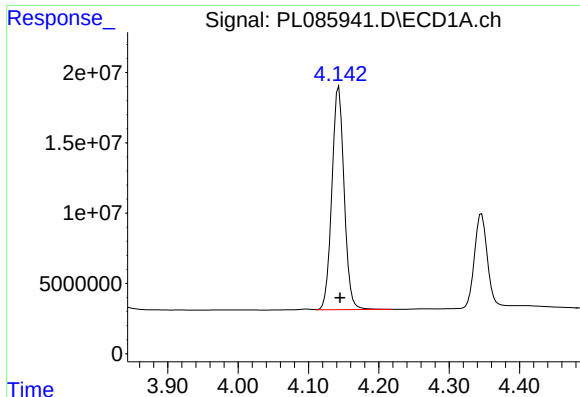
#2 alpha-BHC

R.T.: 3.811 min  
Delta R.T.: -0.001 min  
Response: 207485570  
Conc: 48.34 ng/ml



#2 alpha-BHC

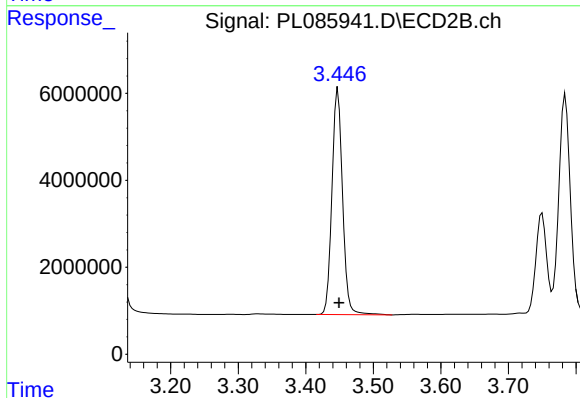
R.T.: 3.120 min  
Delta R.T.: -0.001 min  
Response: 58817120  
Conc: 46.75 ng/ml



#3 gamma-BHC (Lindane)

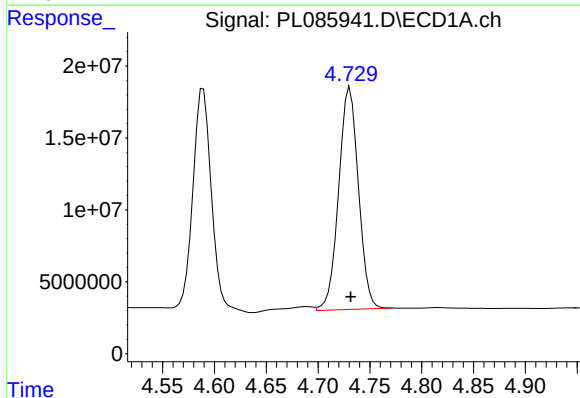
R.T.: 4.143 min  
Delta R.T.: -0.002 min  
Response: 191942462  
Conc: 46.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



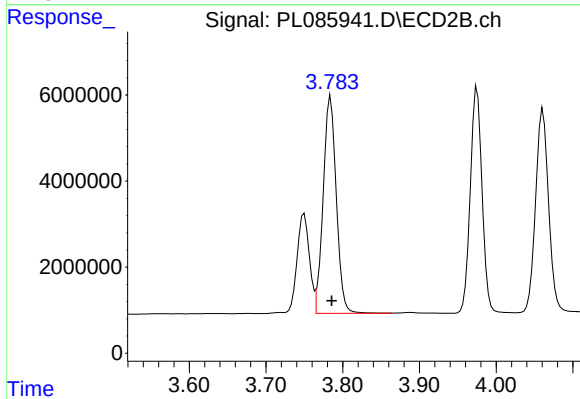
#3 gamma-BHC (Lindane)

R.T.: 3.448 min  
Delta R.T.: -0.001 min  
Response: 56998380  
Conc: 46.21 ng/ml



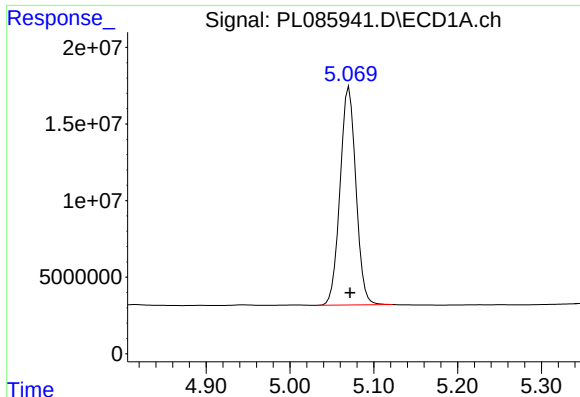
#4 Heptachlor

R.T.: 4.731 min  
Delta R.T.: 0.000 min  
Response: 204678017  
Conc: 52.92 ng/ml



#4 Heptachlor

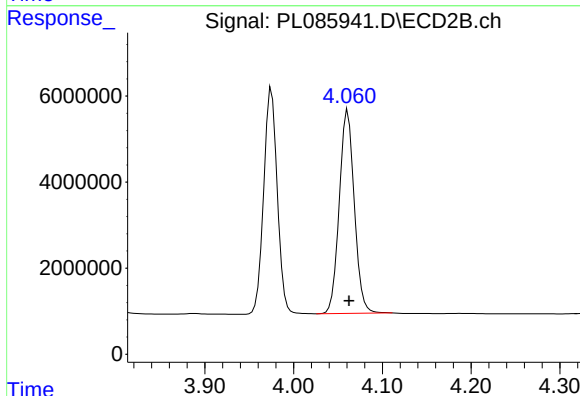
R.T.: 3.784 min  
Delta R.T.: -0.002 min  
Response: 59895393  
Conc: 51.50 ng/ml



#5 Aldrin

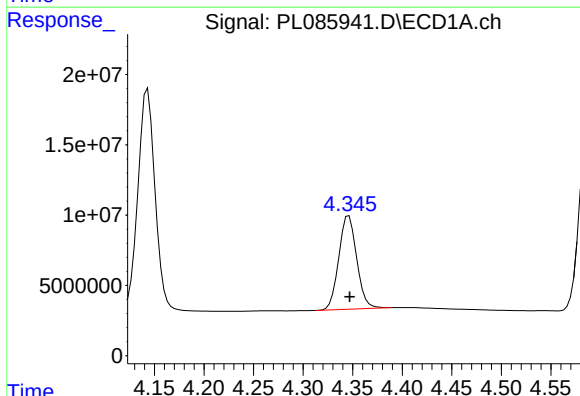
R.T.: 5.070 min  
Delta R.T.: -0.001 min  
Response: 187211879  
Conc: 48.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



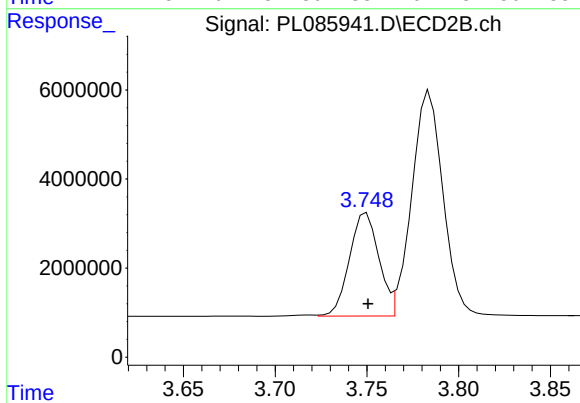
#5 Aldrin

R.T.: 4.061 min  
Delta R.T.: -0.001 min  
Response: 55608486  
Conc: 49.73 ng/ml



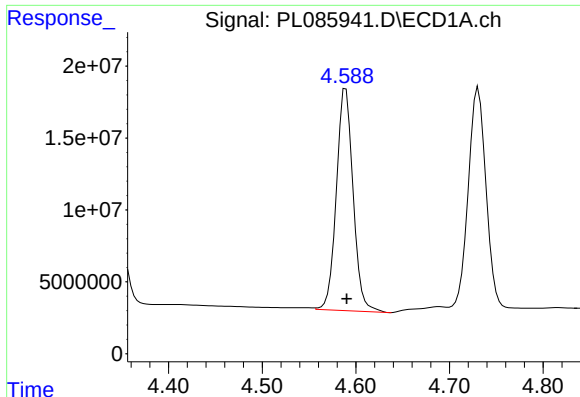
#6 beta-BHC

R.T.: 4.346 min  
Delta R.T.: -0.001 min  
Response: 83976040  
Conc: 50.78 ng/ml



#6 beta-BHC

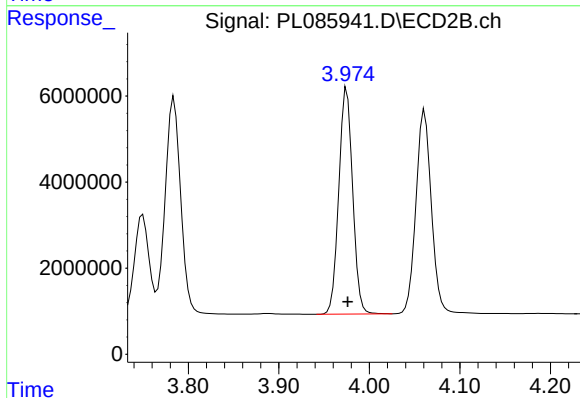
R.T.: 3.750 min  
Delta R.T.: 0.000 min  
Response: 25831715  
Conc: 49.62 ng/ml



#7 delta-BHC

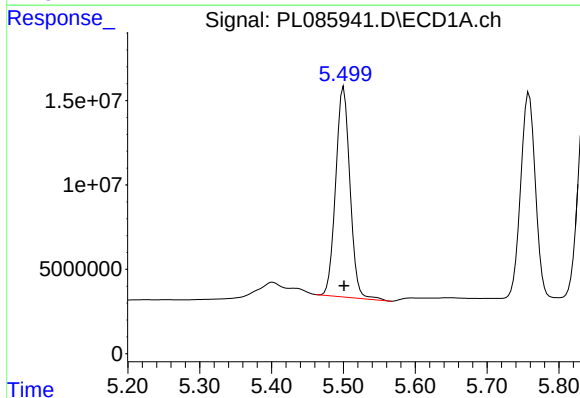
R.T.: 4.589 min  
Delta R.T.: -0.001 min  
Response: 192396798  
Conc: 50.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



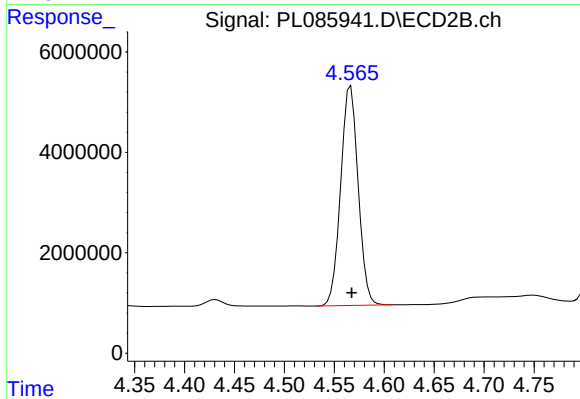
#7 delta-BHC

R.T.: 3.975 min  
Delta R.T.: 0.000 min  
Response: 55794669  
Conc: 48.56 ng/ml



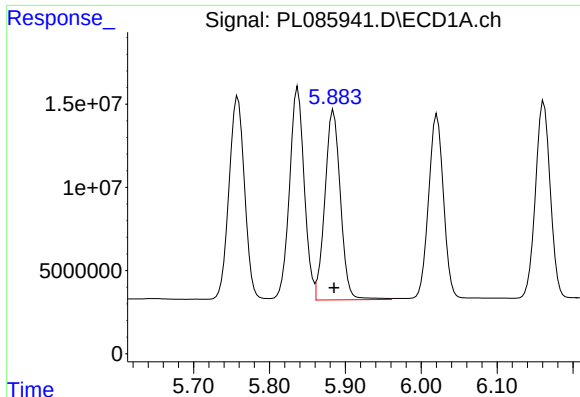
#8 Heptachlor epoxide

R.T.: 5.500 min  
Delta R.T.: 0.000 min  
Response: 171966440  
Conc: 49.85 ng/ml



#8 Heptachlor epoxide

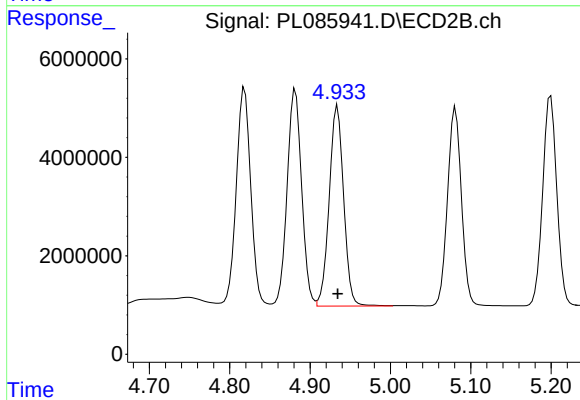
R.T.: 4.566 min  
Delta R.T.: -0.001 min  
Response: 53243319  
Conc: 53.01 ng/ml



#9 Endosulfan I

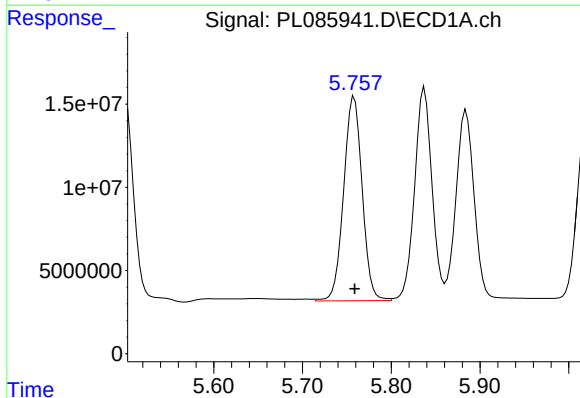
R.T.: 5.884 min  
Delta R.T.: 0.000 min  
Response: 162908704  
Conc: 50.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



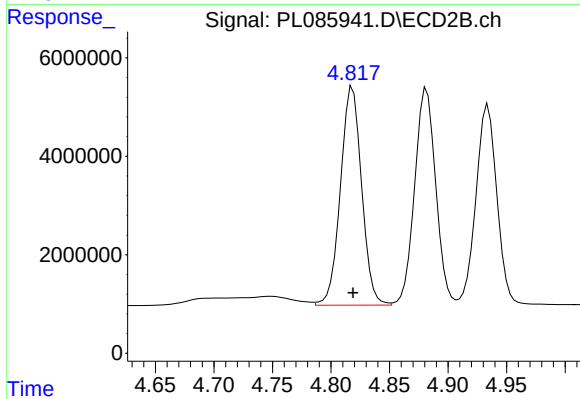
#9 Endosulfan I

R.T.: 4.934 min  
Delta R.T.: 0.000 min  
Response: 50944345  
Conc: 47.49 ng/ml



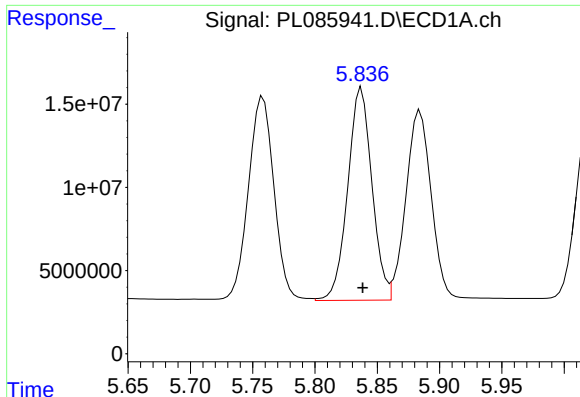
#10 gamma-Chlordane

R.T.: 5.758 min  
Delta R.T.: 0.000 min  
Response: 177872873  
Conc: 51.99 ng/ml



#10 gamma-Chlordane

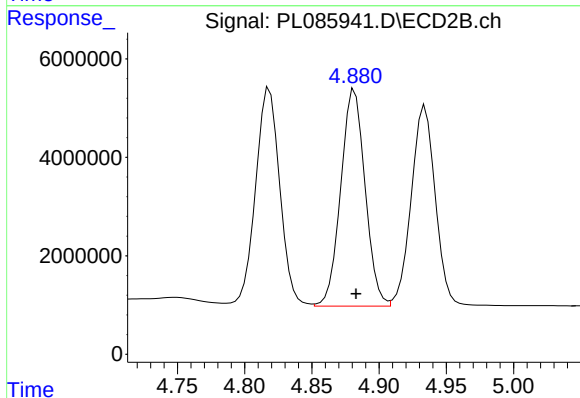
R.T.: 4.819 min  
Delta R.T.: 0.000 min  
Response: 55936595  
Conc: 56.48 ng/ml



#11 alpha-Chlordane

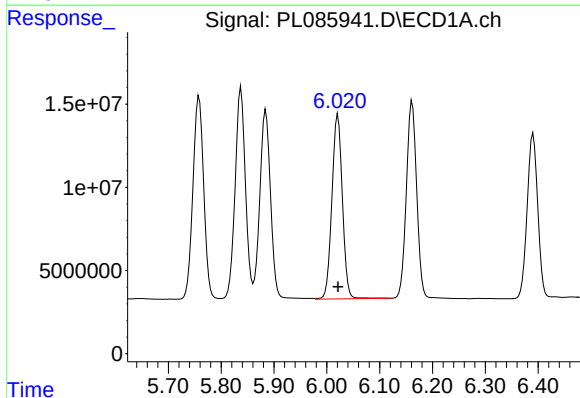
R.T.: 5.837 min  
Delta R.T.: 0.000 min  
Response: 173511531  
Conc: 50.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



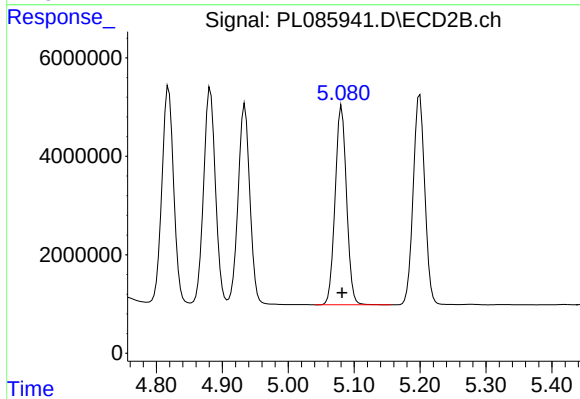
#11 alpha-Chlordane

R.T.: 4.882 min  
Delta R.T.: -0.001 min  
Response: 55408040  
Conc: 50.80 ng/ml



#12 4,4'-DDE

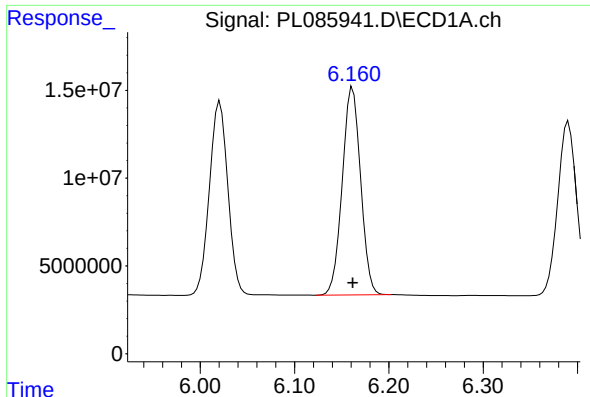
R.T.: 6.021 min  
Delta R.T.: 0.000 min  
Response: 152959423  
Conc: 54.70 ng/ml



#12 4,4'-DDE

R.T.: 5.081 min  
Delta R.T.: 0.000 min  
Response: 48555203  
Conc: 59.13 ng/ml

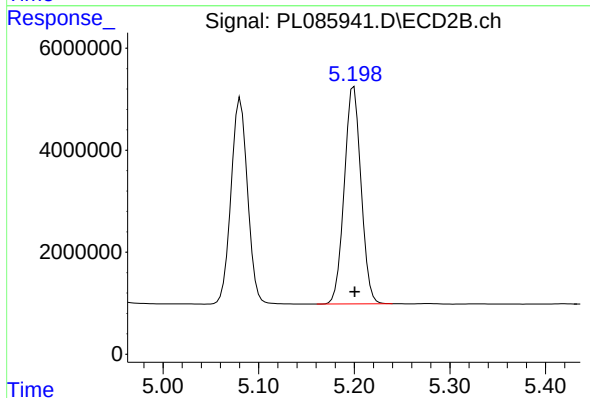




#13 Dieldrin

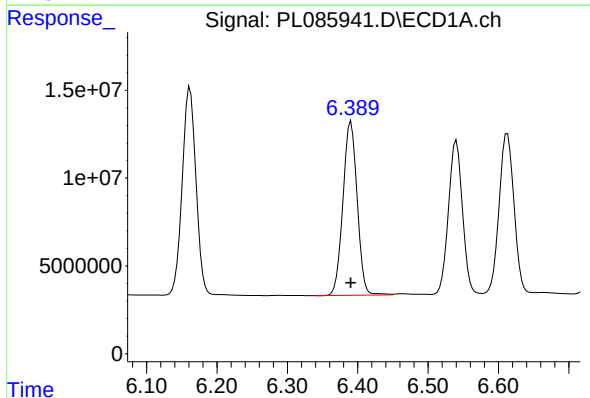
R.T.: 6.162 min  
Delta R.T.: 0.000 min  
Response: 159895236  
Conc: 48.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



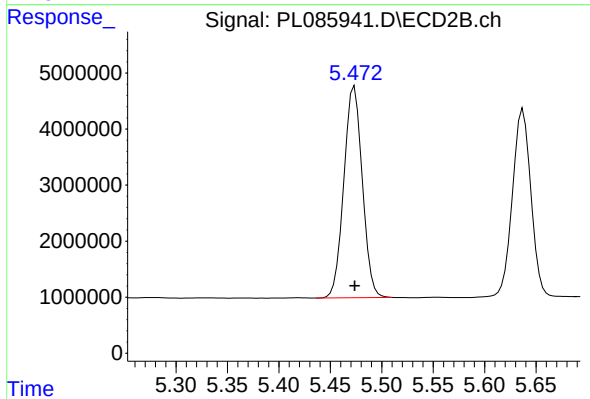
#13 Dieldrin

R.T.: 5.200 min  
Delta R.T.: 0.000 min  
Response: 52058814  
Conc: 53.66 ng/ml



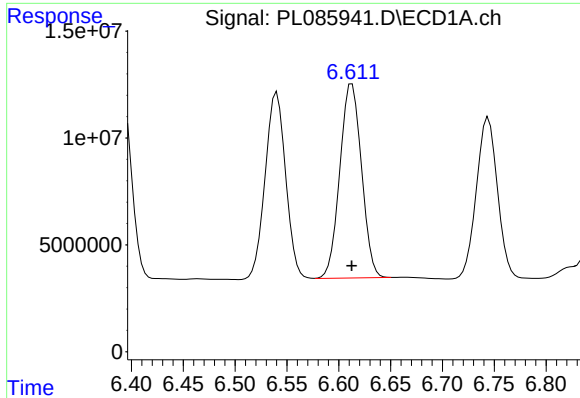
#14 Endrin

R.T.: 6.390 min  
Delta R.T.: 0.000 min  
Response: 139125899  
Conc: 48.82 ng/ml



#14 Endrin

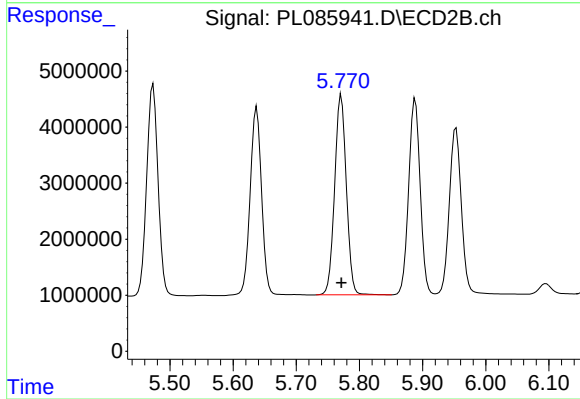
R.T.: 5.473 min  
Delta R.T.: 0.000 min  
Response: 47159129  
Conc: 52.46 ng/ml



#15 Endosulfan II

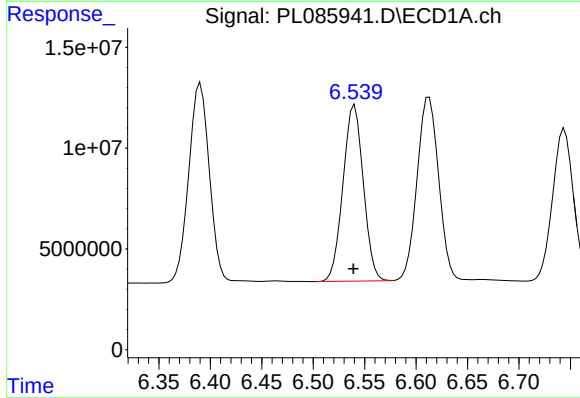
R.T.: 6.613 min  
Delta R.T.: 0.000 min  
Response: 132316682  
Conc: 48.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



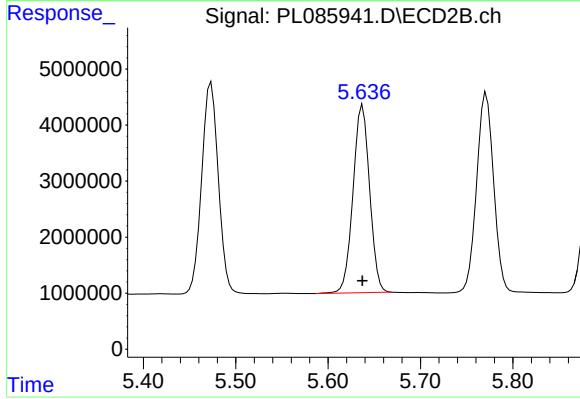
#15 Endosulfan II

R.T.: 5.771 min  
Delta R.T.: 0.000 min  
Response: 46018813  
Conc: 48.39 ng/ml



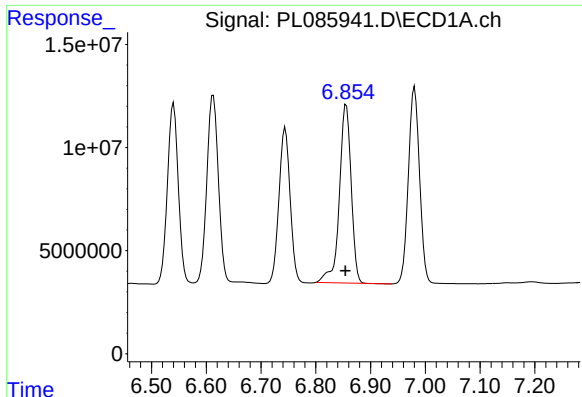
#16 4,4'-DDD

R.T.: 6.540 min  
Delta R.T.: 0.001 min  
Response: 120441211  
Conc: 59.78 ng/ml



#16 4,4'-DDD

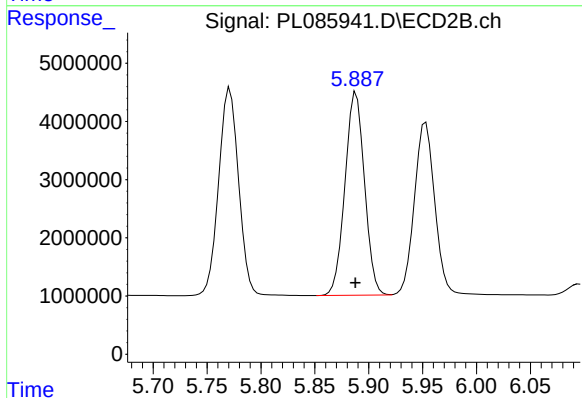
R.T.: 5.637 min  
Delta R.T.: 0.000 min  
Response: 41800917  
Conc: 60.05 ng/ml



#17 4,4'-DDT

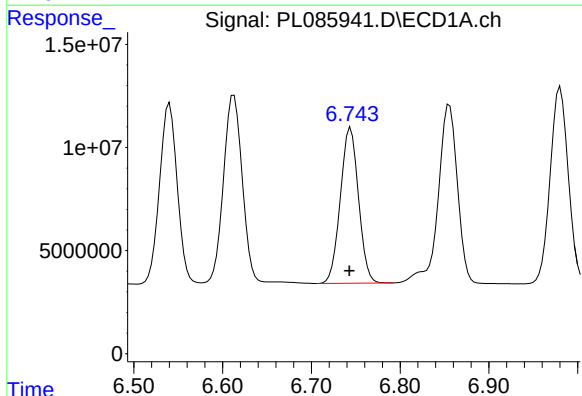
R.T.: 6.856 min  
Delta R.T.: 0.001 min  
Response: 129296092  
Conc: 54.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



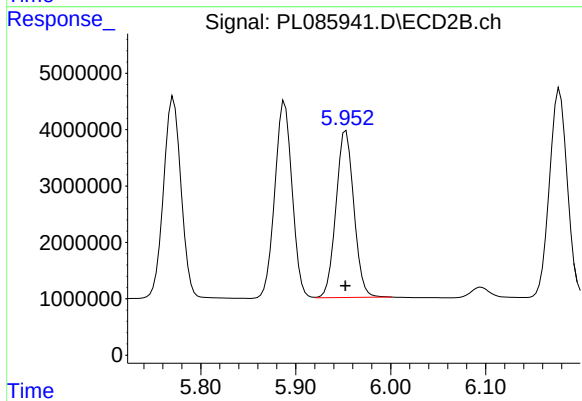
#17 4,4'-DDT

R.T.: 5.888 min  
Delta R.T.: 0.000 min  
Response: 44119865  
Conc: 55.79 ng/ml



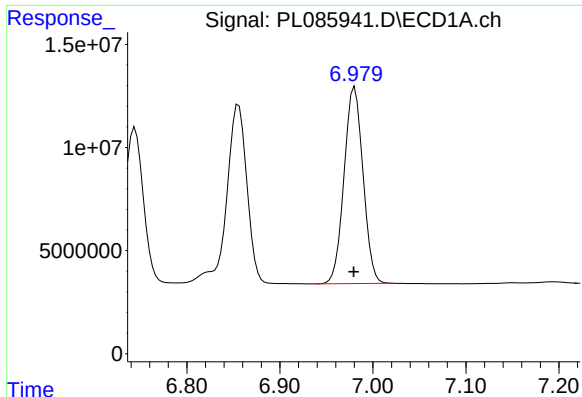
#18 Endrin aldehyde

R.T.: 6.744 min  
Delta R.T.: 0.001 min  
Response: 107210199  
Conc: 52.90 ng/ml



#18 Endrin aldehyde

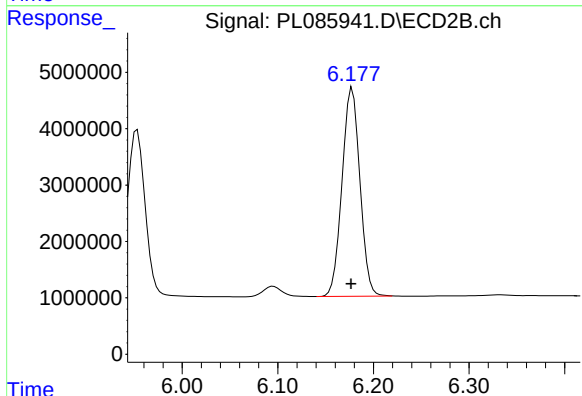
R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 38771465  
Conc: 51.99 ng/ml



#19 Endosulfan Sulfate

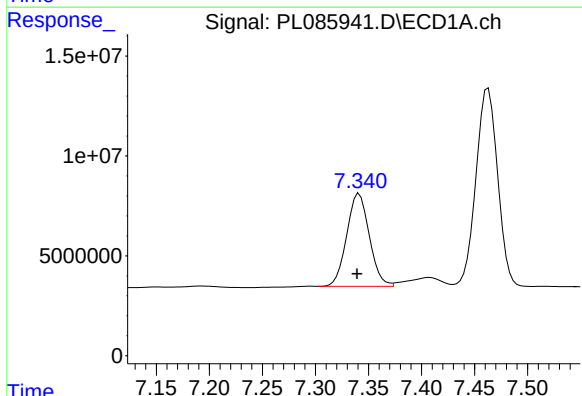
R.T.: 6.981 min  
Delta R.T.: 0.001 min  
Response: 134996492  
Conc: 53.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



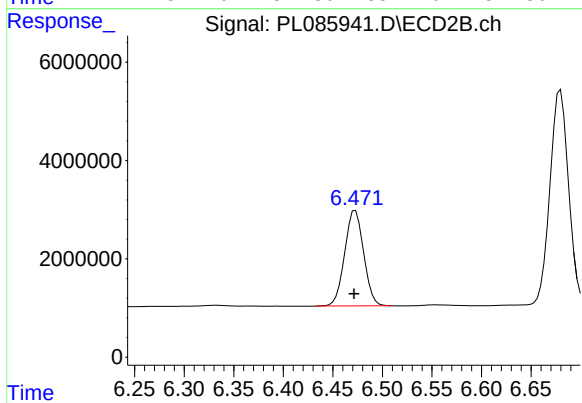
#19 Endosulfan Sulfate

R.T.: 6.178 min  
Delta R.T.: 0.001 min  
Response: 48233718  
Conc: 53.47 ng/ml



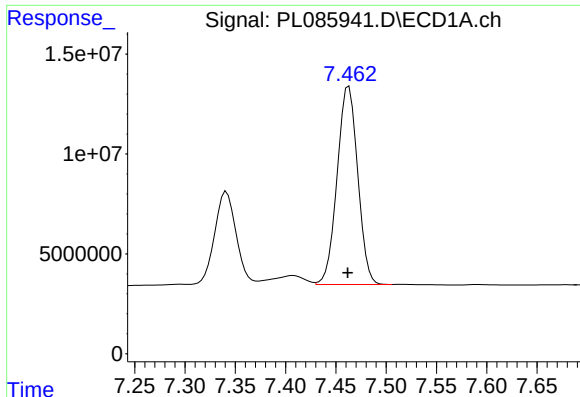
#20 Methoxychlor

R.T.: 7.341 min  
Delta R.T.: 0.002 min  
Response: 68760063  
Conc: 49.23 ng/ml



#20 Methoxychlor

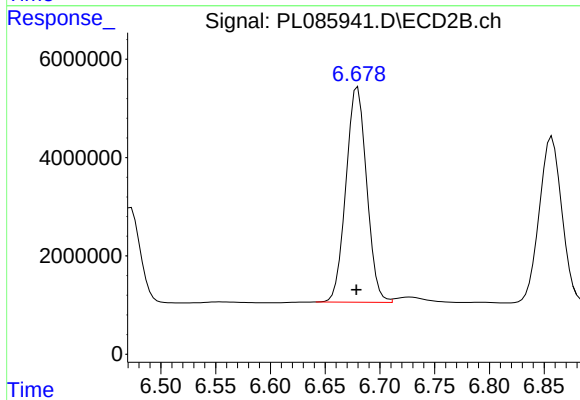
R.T.: 6.473 min  
Delta R.T.: 0.001 min  
Response: 25864675  
Conc: 49.17 ng/ml



#21 Endrin ketone

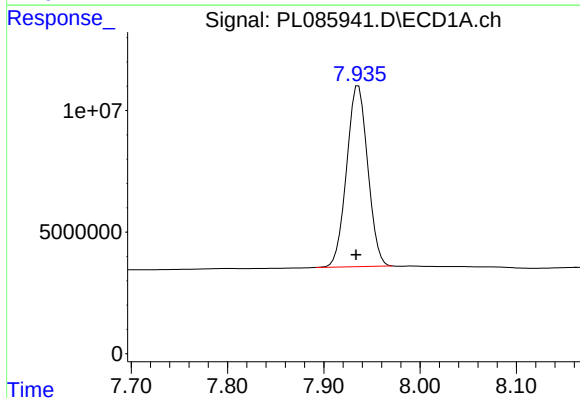
R.T.: 7.463 min  
Delta R.T.: 0.001 min  
Response: 141304704  
Conc: 49.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



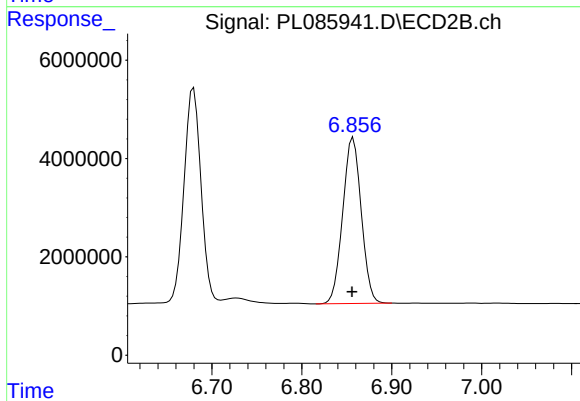
#21 Endrin ketone

R.T.: 6.680 min  
Delta R.T.: 0.001 min  
Response: 57607577  
Conc: 50.12 ng/ml



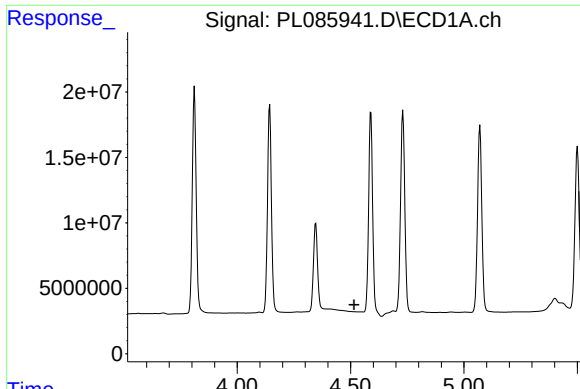
#22 Mirex

R.T.: 7.936 min  
Delta R.T.: 0.002 min  
Response: 113107058  
Conc: 51.09 ng/ml



#22 Mirex

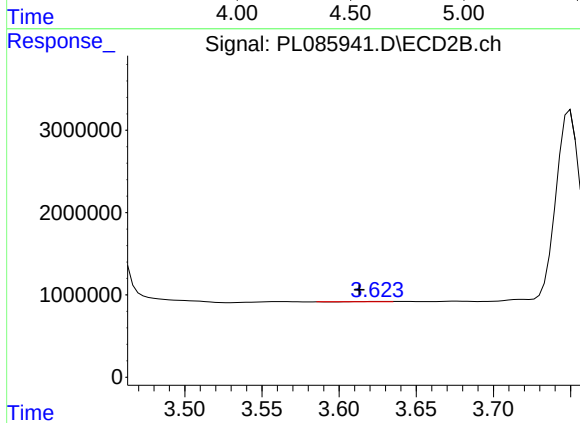
R.T.: 6.857 min  
Delta R.T.: 0.001 min  
Response: 48258283  
Conc: 51.17 ng/ml



#23 Chlordane-1

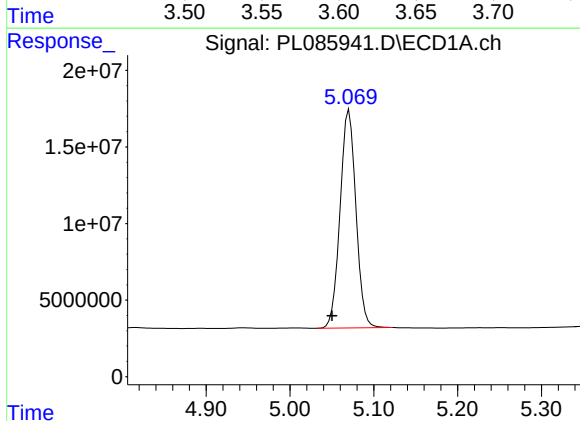
R.T.: 0.000 min  
Exp R.T.: 4.516 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



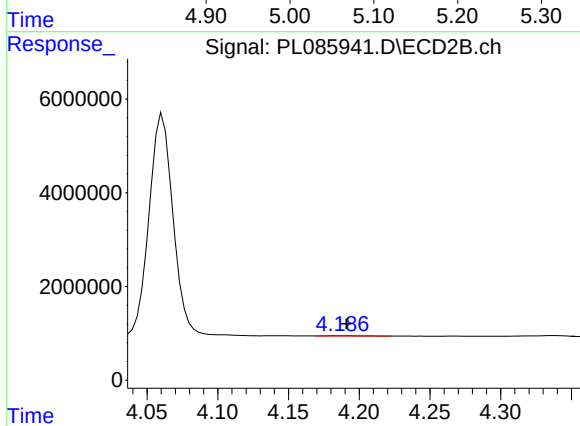
#23 Chlordane-1

R.T.: 3.624 min  
Delta R.T.: 0.011 min  
Response: 35449  
Conc: 1.09 ng/ml



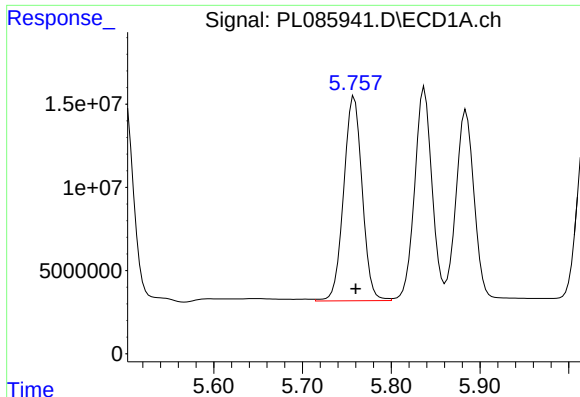
#24 Chlordane-2

R.T.: 5.070 min  
Delta R.T.: 0.020 min  
Response: 187211879  
Conc: 1439.61 ng/ml



#24 Chlordane-2

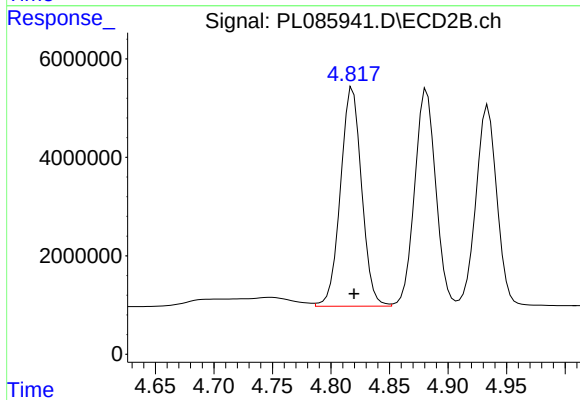
R.T.: 4.187 min  
Delta R.T.: -0.004 min  
Response: 91062  
Conc: 2.34 ng/ml



#25 Chlordane-3

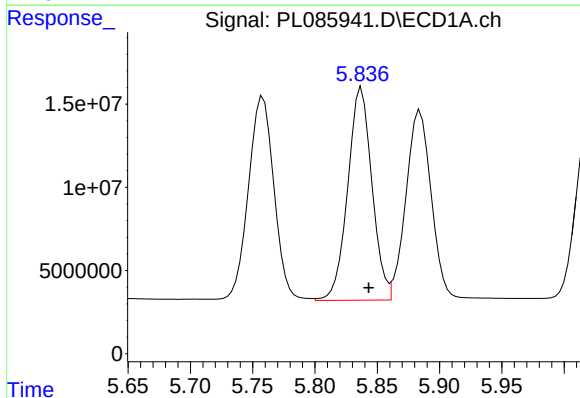
R.T.: 5.758 min  
Delta R.T.: -0.002 min  
Response: 177872873  
Conc: 348.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



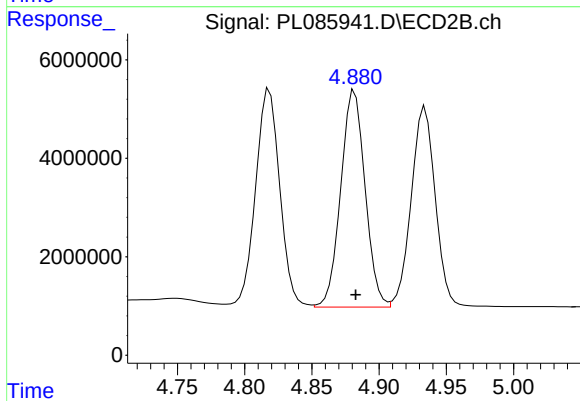
#25 Chlordane-3

R.T.: 4.819 min  
Delta R.T.: -0.001 min  
Response: 55936595  
Conc: 553.57 ng/ml



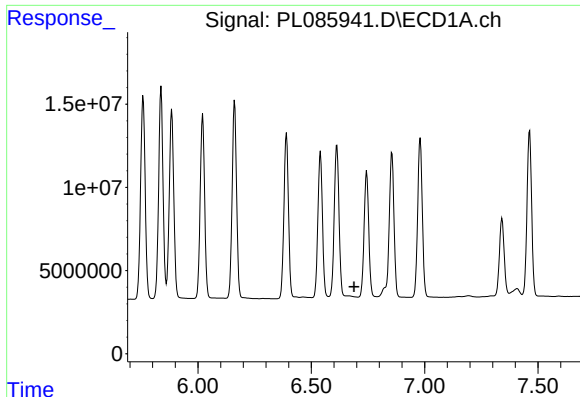
#26 Chlordane-4

R.T.: 5.837 min  
Delta R.T.: -0.006 min  
Response: 173511531  
Conc: 273.49 ng/ml



#26 Chlordane-4

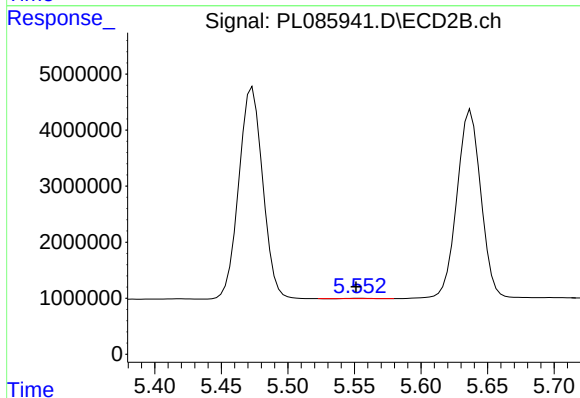
R.T.: 4.882 min  
Delta R.T.: 0.000 min  
Response: 55408040  
Conc: 478.55 ng/ml



#27 Chlordane-5

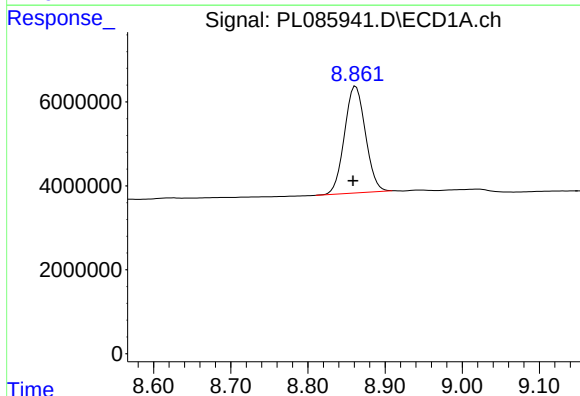
R.T.: 0.000 min  
Exp R.T.: 6.689 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



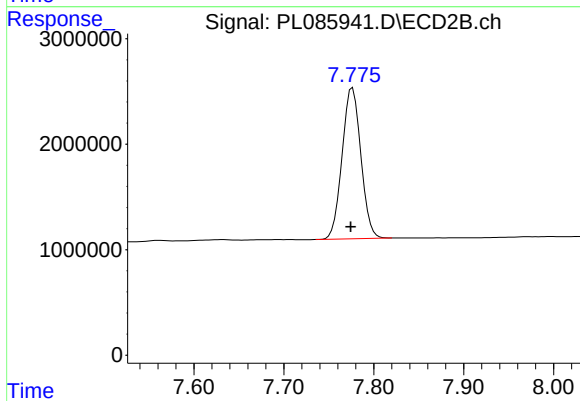
#27 Chlordane-5

R.T.: 5.553 min  
Delta R.T.: 0.002 min  
Response: 67828  
Conc: 2.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.862 min  
Delta R.T.: 0.003 min  
Response: 48051511  
Conc: 22.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.776 min  
Delta R.T.: 0.002 min  
Response: 20767558  
Conc: 22.50 ng/ml