

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091322\  
 Data File : PL077716.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Sep 2022 18:38  
 Operator : AR\AJ  
 Sample : PB147537BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB147537BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 14 01:41:25 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 13 13:26:11 2022  
 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... | 3.416  | 2.627 | 28115624 | 54248031 | 17.539   | 18.273    |
| 28)                         | SA Decachlor... | 8.907  | 7.724 | 25262723 | 46119078 | 19.547   | 18.372    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.881  | 3.119 | 124.4E6  | 244.2E6  | 52.433   | 53.845    |
| 3)                          | MA gamma-BHC... | 4.217  | 3.443 | 116.2E6  | 219.6E6  | 52.536   | 54.392    |
| 4)                          | MA Heptachlor   | 4.794  | 3.775 | 115.2E6  | 211.1E6  | 52.023   | 53.301    |
| 5)                          | MB Aldrin       | 5.134  | 4.049 | 105.0E6  | 205.2E6  | 52.845   | 54.063    |
| 6)                          | B beta-BHC      | 4.430  | 3.742 | 49419733 | 85316375 | 50.850   | 51.247    |
| 7)                          | B delta-BHC     | 4.674  | 3.965 | 104.0E6  | 214.0E6  | 50.642   | 52.731    |
| 8)                          | B Heptachlo...  | 5.567  | 4.547 | 94831956 | 183.1E6  | 54.398   | 54.140    |
| 9)                          | A Endosulfan I  | 5.953  | 4.913 | 86090824 | 170.7E6  | 53.416   | 54.093    |
| 10)                         | B gamma-Chl...  | 5.822  | 4.796 | 92914879 | 182.6E6  | 53.067   | 53.572    |
| 11)                         | B alpha-Chl...  | 5.899  | 4.859 | 92086692 | 177.0E6  | 53.312   | 53.442    |
| 12)                         | B 4,4'-DDE      | 6.078  | 5.053 | 86731946 | 176.4E6  | 54.485   | 54.220    |
| 13)                         | MA Dieldrin     | 6.230  | 5.176 | 85733297 | 180.1E6  | 53.117   | 54.315    |
| 14)                         | MA Endrin       | 6.462  | 5.448 | 68671028 | 151.3E6  | 49.654   | 53.060    |
| 15)                         | B Endosulfa...  | 6.690  | 5.745 | 69842249 | 144.0E6  | 50.560   | 54.631    |
| 16)                         | A 4,4'-DDD      | 6.603  | 5.606 | 66559456 | 147.9E6  | 56.847   | 57.085    |
| 17)                         | MA 4,4'-DDT     | 6.914  | 5.854 | 64894055 | 136.7E6  | 51.213   | 51.883    |
| 18)                         | B Endrin al...  | 6.821  | 5.924 | 55001944 | 109.0E6  | 52.012   | 52.801    |
| 19)                         | B Endosulfa...  | 7.054  | 6.146 | 67746992 | 145.0E6  | 52.903   | 53.936    |
| 20)                         | A Methoxychlor  | 7.395  | 6.431 | 33581666 | 69920667 | 50.847   | 51.058    |
| 21)                         | B Endrin ke...  | 7.543  | 6.646 | 74195423 | 163.8E6  | 53.695   | 54.101    |
| 22)                         | Mirex           | 8.002  | 6.822 | 55852503 | 113.1E6  | 53.194   | 52.623    |
| 24)                         | Chlordane-2     | 5.134f | 0.000 | 105.0E6  | 0        | 1575.215 | N.D. #    |
| 25)                         | Chlordane-3     | 5.822  | 4.796 | 92914879 | 182.6E6  | 377.300  | 530.804 # |
| 26)                         | Chlordane-4     | 5.899  | 4.859 | 92086692 | 177.0E6  | 309.462  | 487.798 # |
| 27)                         | Chlordane-5     | 0.000  | 5.527 | 0        | 175562   | N.D.     | 1.866 #   |
| -----                       |                 |        |       |          |          |          |           |

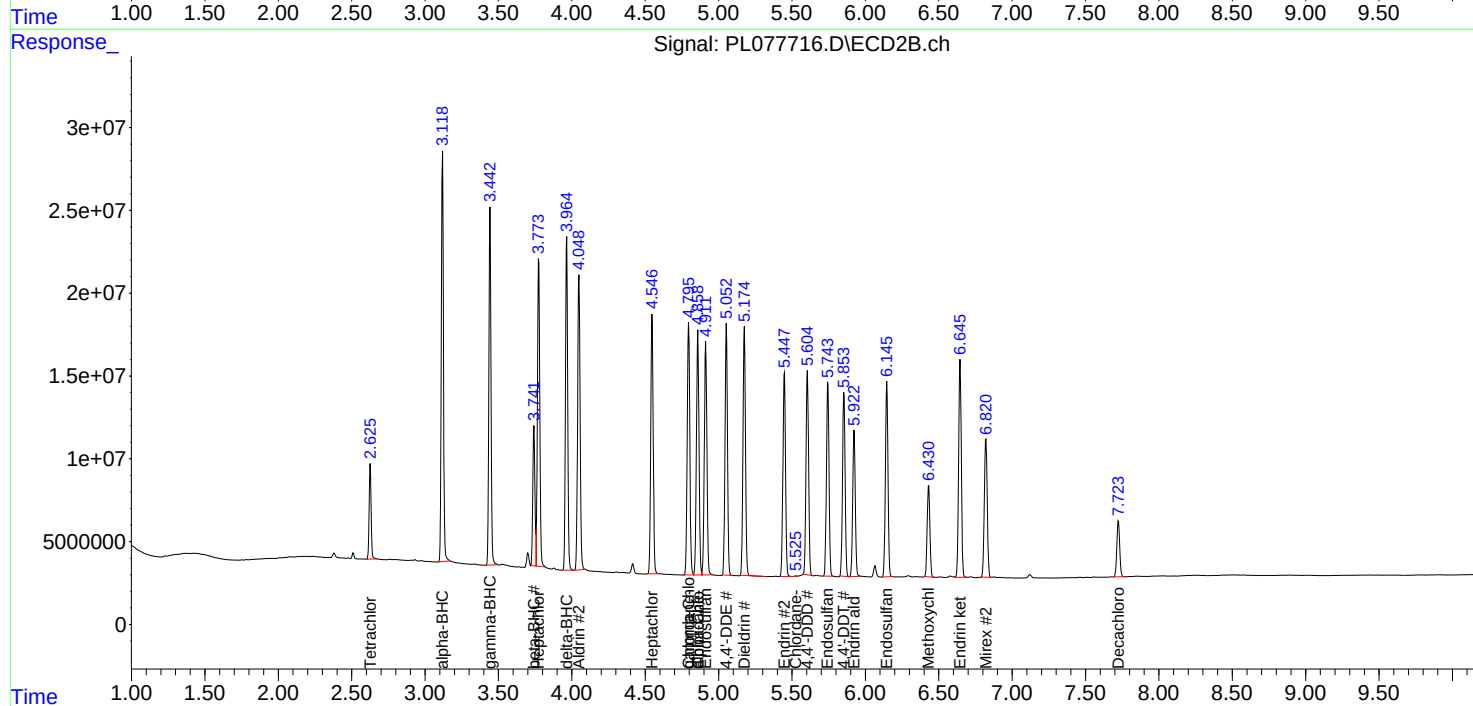
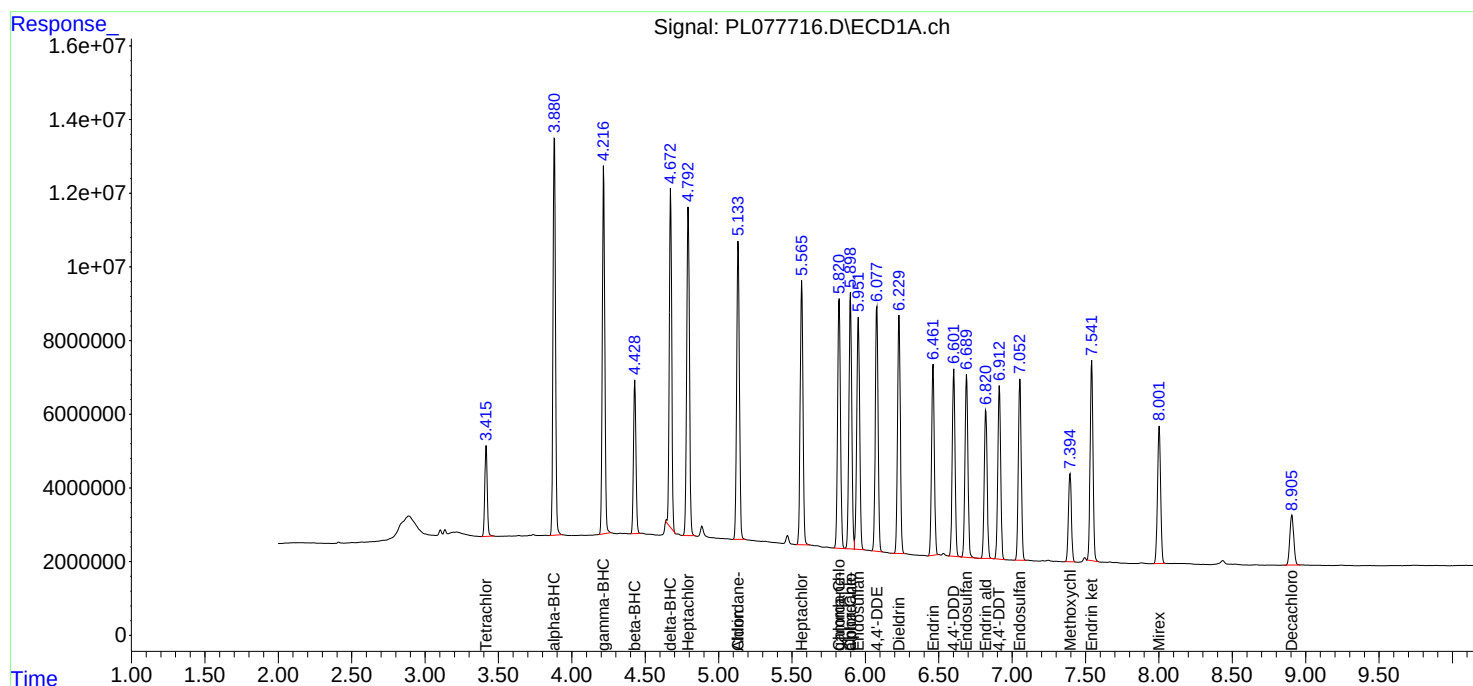
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

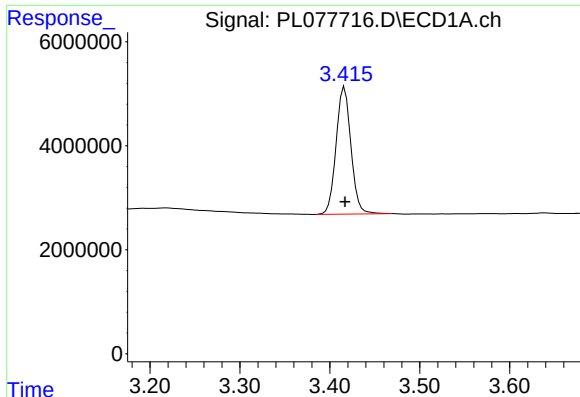
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091322\  
Data File : PL077716.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Sep 2022 18:38  
Operator : AR\AJ  
Sample : PB147537BS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB147537BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 14 01:41:25 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 13 13:26:11 2022  
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

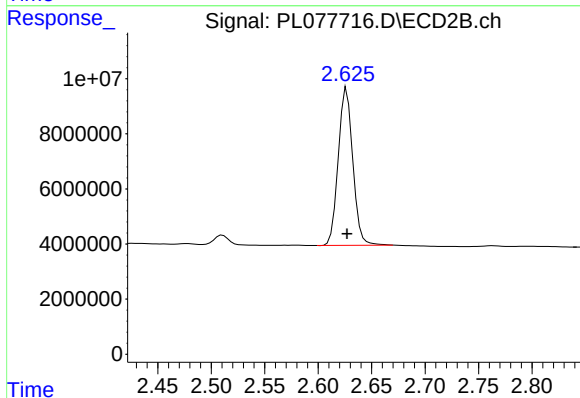




#1 Tetrachloro-m-xylene

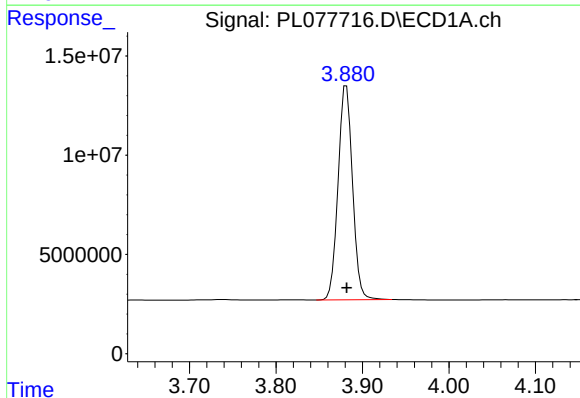
R.T.: 3.416 min  
Delta R.T.: 0.000 min  
Response: 28115624  
Conc: 17.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147537BS



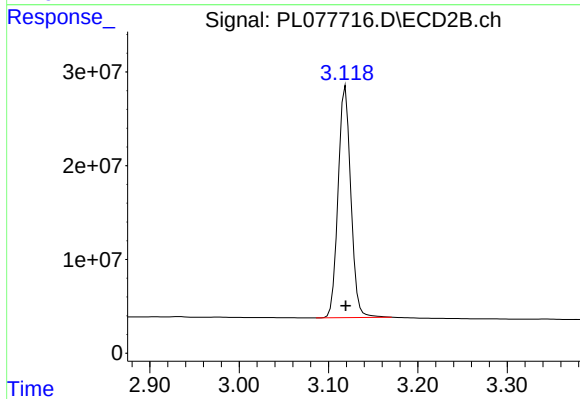
#1 Tetrachloro-m-xylene

R.T.: 2.627 min  
Delta R.T.: 0.000 min  
Response: 54248031  
Conc: 18.27 ng/ml



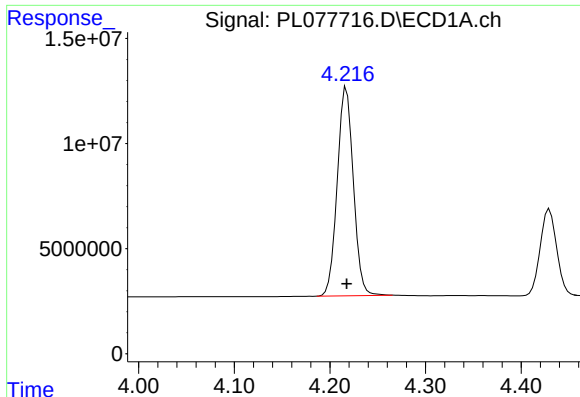
#2 alpha-BHC

R.T.: 3.881 min  
Delta R.T.: 0.000 min  
Response: 124428232  
Conc: 52.43 ng/ml



#2 alpha-BHC

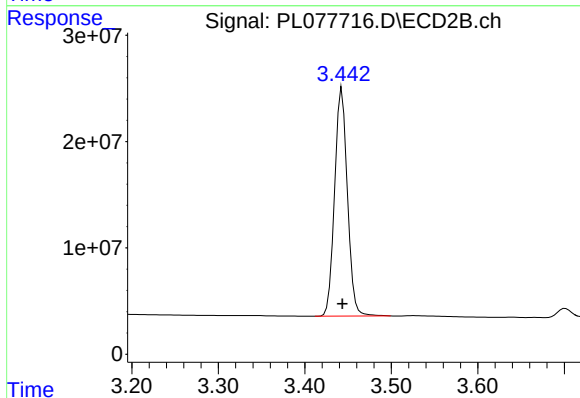
R.T.: 3.119 min  
Delta R.T.: 0.000 min  
Response: 244192068  
Conc: 53.84 ng/ml



#3 gamma-BHC (Lindane)

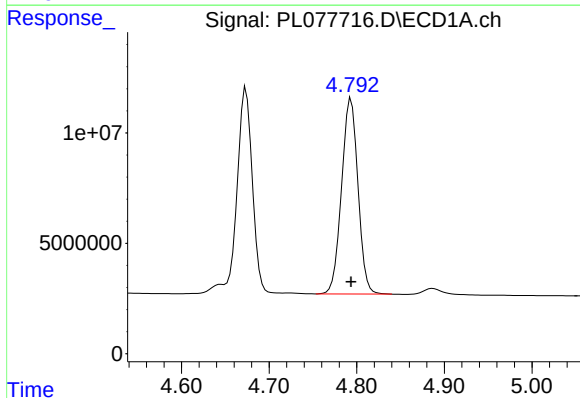
R.T.: 4.217 min  
Delta R.T.: 0.000 min  
Response: 116232565  
Conc: 52.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147537BS



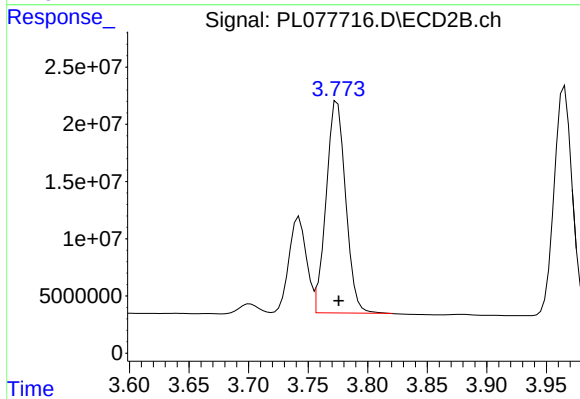
#3 gamma-BHC (Lindane)

R.T.: 3.443 min  
Delta R.T.: 0.000 min  
Response: 219647787  
Conc: 54.39 ng/ml



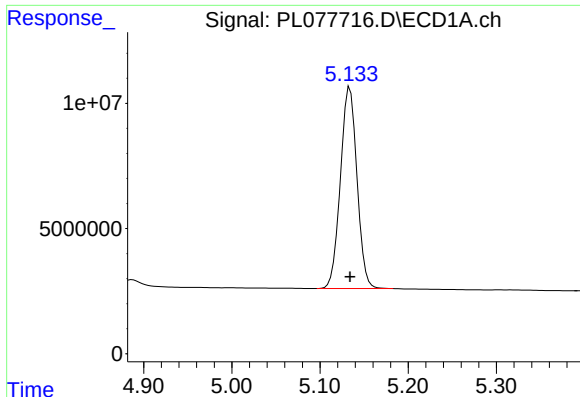
#4 Heptachlor

R.T.: 4.794 min  
Delta R.T.: 0.000 min  
Response: 115182538  
Conc: 52.02 ng/ml



#4 Heptachlor

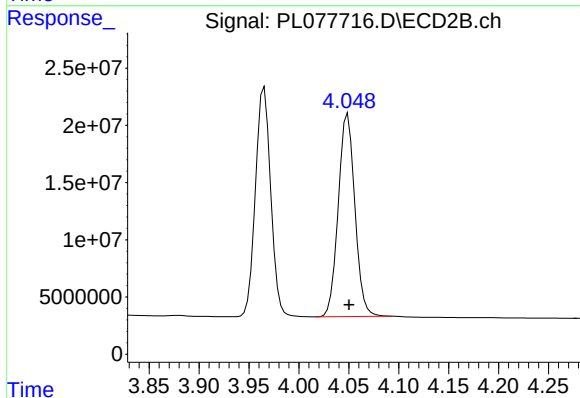
R.T.: 3.775 min  
Delta R.T.: -0.001 min  
Response: 211104798  
Conc: 53.30 ng/ml



#5 Aldrin

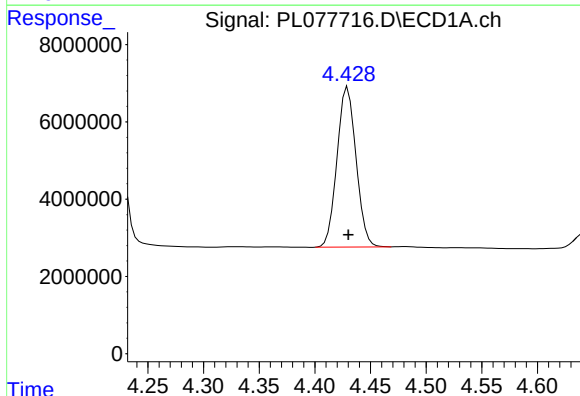
R.T.: 5.134 min  
Delta R.T.: 0.000 min  
Response: 105026438  
Conc: 52.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147537BS



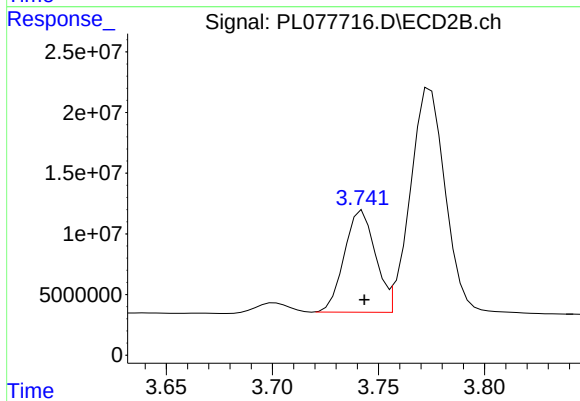
#5 Aldrin

R.T.: 4.049 min  
Delta R.T.: -0.001 min  
Response: 205162715  
Conc: 54.06 ng/ml



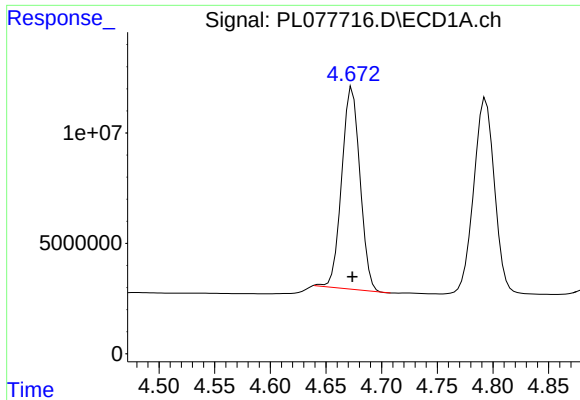
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: 0.000 min  
Response: 49419733  
Conc: 50.85 ng/ml



#6 beta-BHC

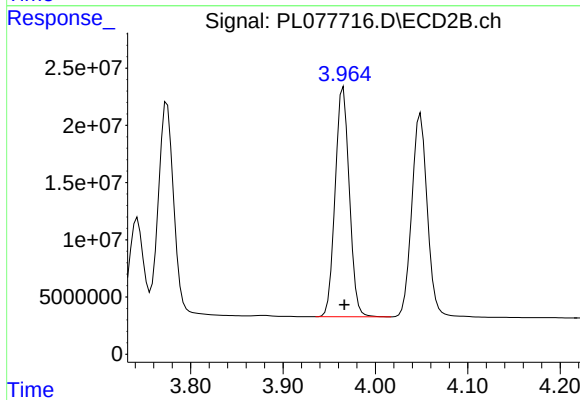
R.T.: 3.742 min  
Delta R.T.: 0.000 min  
Response: 85316375  
Conc: 51.25 ng/ml



#7 delta-BHC

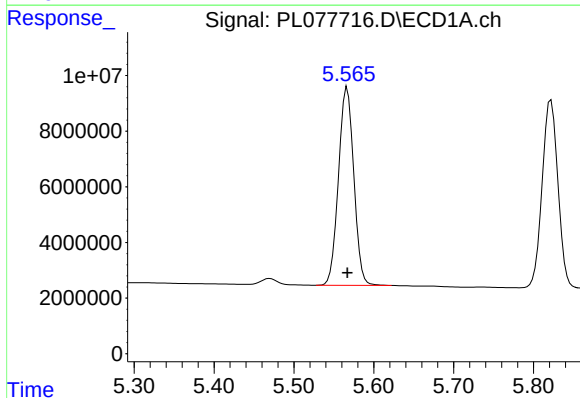
R.T.: 4.674 min  
Delta R.T.: 0.000 min  
Response: 103978110  
Conc: 50.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147537BS



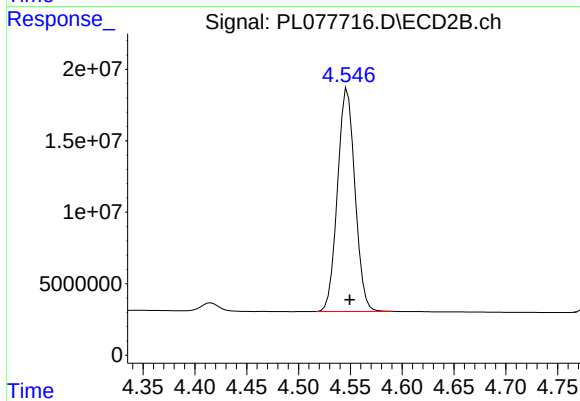
#7 delta-BHC

R.T.: 3.965 min  
Delta R.T.: -0.001 min  
Response: 213968684  
Conc: 52.73 ng/ml



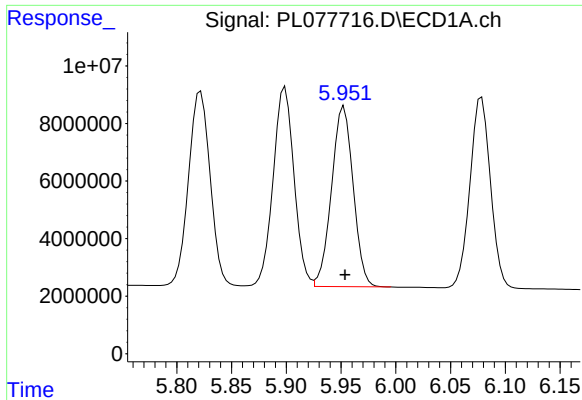
#8 Heptachlor epoxide

R.T.: 5.567 min  
Delta R.T.: 0.000 min  
Response: 94831956  
Conc: 54.40 ng/ml



#8 Heptachlor epoxide

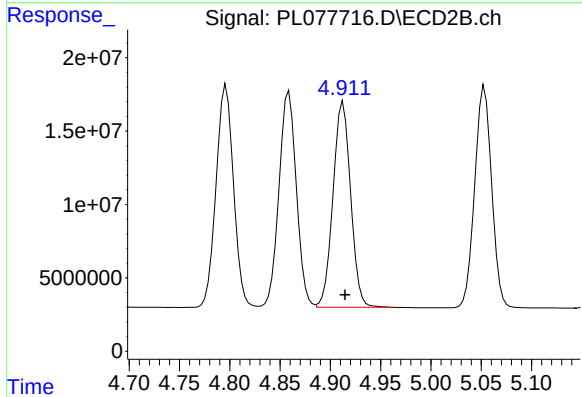
R.T.: 4.547 min  
Delta R.T.: -0.002 min  
Response: 183068901  
Conc: 54.14 ng/ml



#9 Endosulfan I

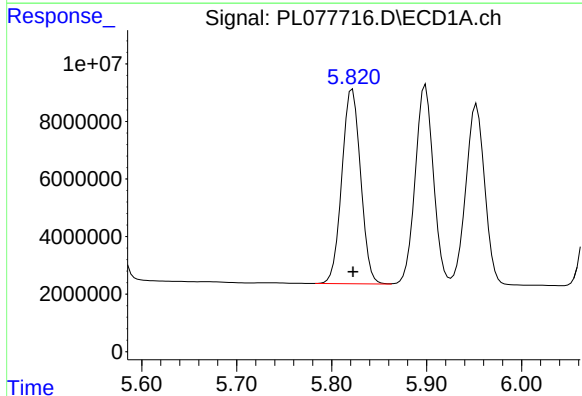
R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 86090824  
Conc: 53.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147537BS



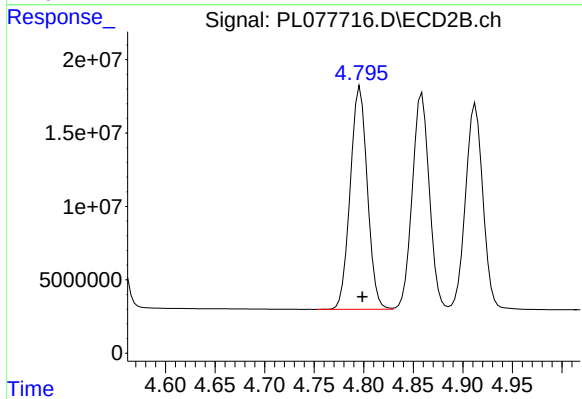
#9 Endosulfan I

R.T.: 4.913 min  
Delta R.T.: -0.002 min  
Response: 170676315  
Conc: 54.09 ng/ml



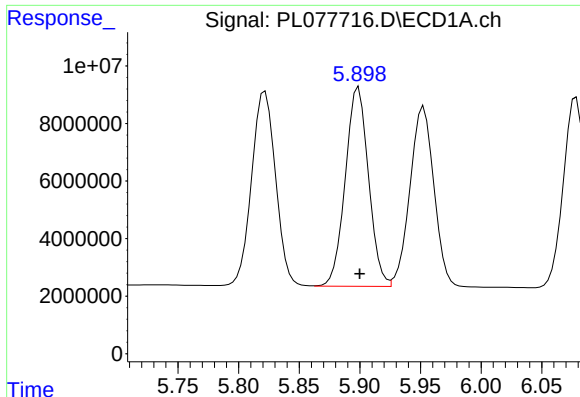
#10 gamma-Chlordane

R.T.: 5.822 min  
Delta R.T.: 0.000 min  
Response: 92914879  
Conc: 53.07 ng/ml



#10 gamma-Chlordane

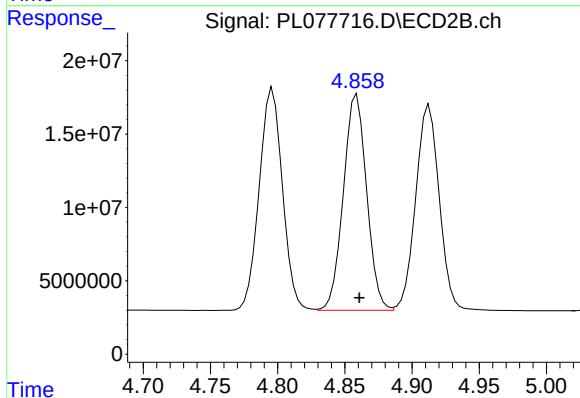
R.T.: 4.796 min  
Delta R.T.: -0.002 min  
Response: 182589916  
Conc: 53.57 ng/ml



#11 alpha-Chlordane

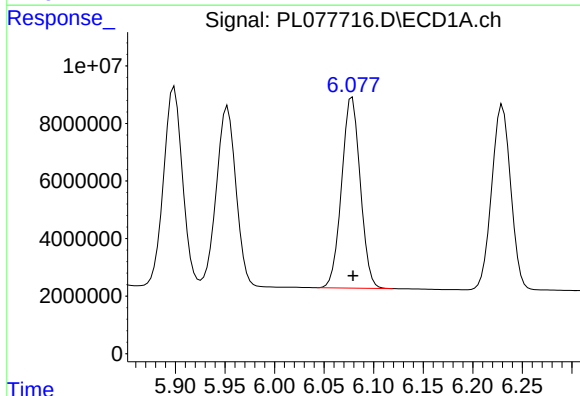
R.T.: 5.899 min  
Delta R.T.: 0.000 min  
Response: 92086692  
Conc: 53.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147537BS



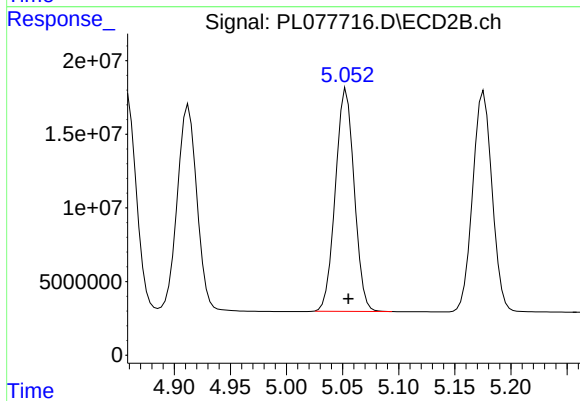
#11 alpha-Chlordane

R.T.: 4.859 min  
Delta R.T.: -0.002 min  
Response: 176981850  
Conc: 53.44 ng/ml



#12 4,4'-DDE

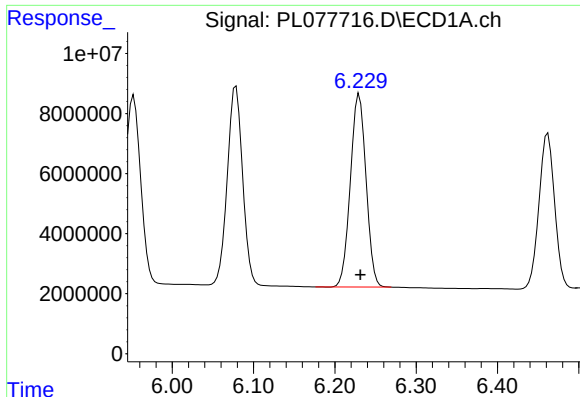
R.T.: 6.078 min  
Delta R.T.: -0.001 min  
Response: 86731946  
Conc: 54.48 ng/ml



#12 4,4'-DDE

R.T.: 5.053 min  
Delta R.T.: -0.002 min  
Response: 176420406  
Conc: 54.22 ng/ml

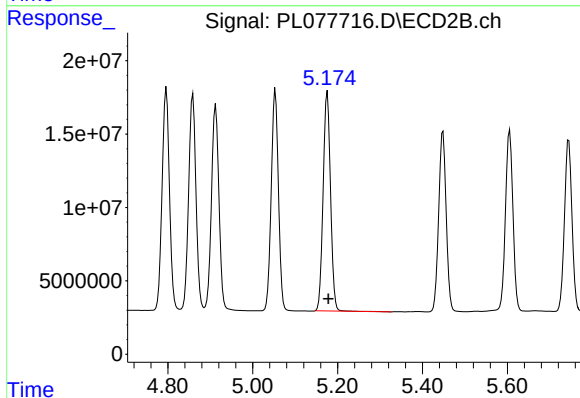




#13 Dieldrin

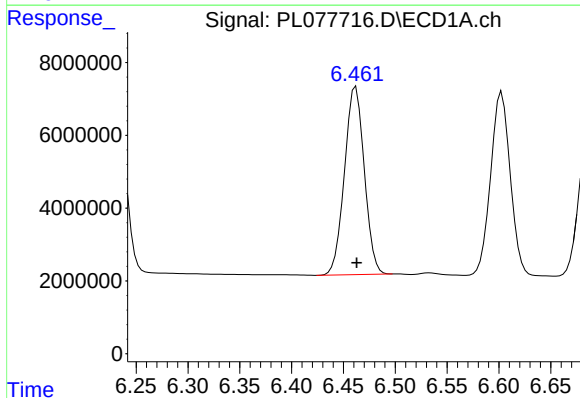
R.T.: 6.230 min  
Delta R.T.: -0.002 min  
Response: 85733297  
Conc: 53.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147537BS



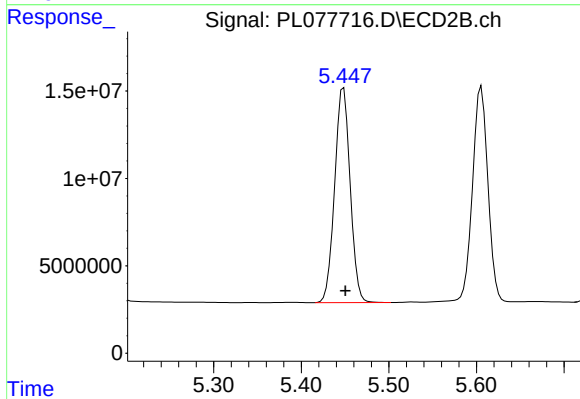
#13 Dieldrin

R.T.: 5.176 min  
Delta R.T.: -0.002 min  
Response: 180093080  
Conc: 54.32 ng/ml



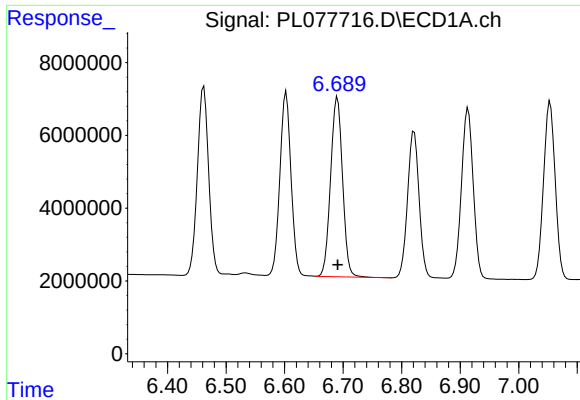
#14 Endrin

R.T.: 6.462 min  
Delta R.T.: 0.000 min  
Response: 68671028  
Conc: 49.65 ng/ml



#14 Endrin

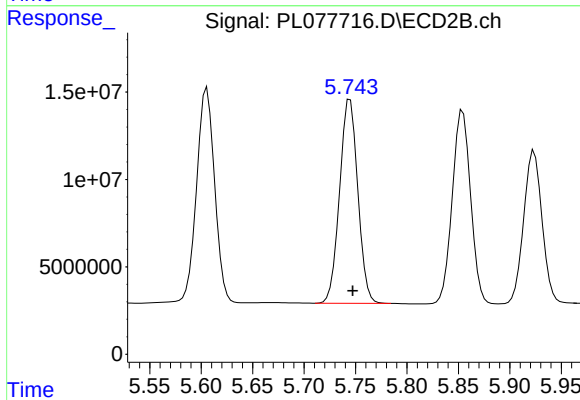
R.T.: 5.448 min  
Delta R.T.: -0.002 min  
Response: 151298678  
Conc: 53.06 ng/ml



#15 Endosulfan II

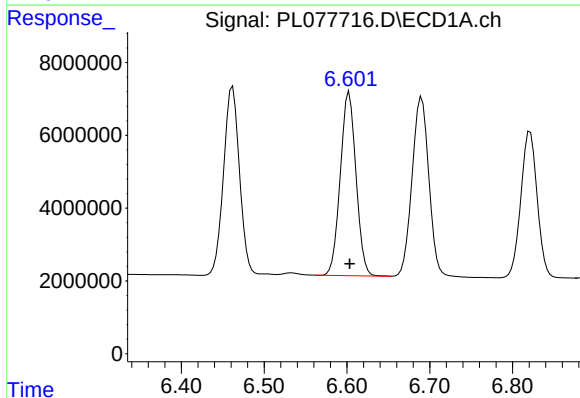
R.T.: 6.690 min  
Delta R.T.: 0.000 min  
Response: 69842249  
Conc: 50.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147537BS



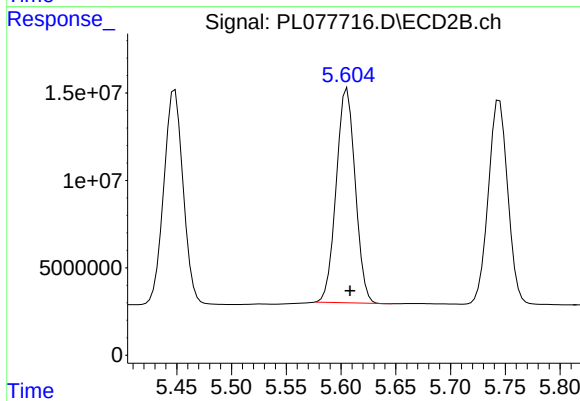
#15 Endosulfan II

R.T.: 5.745 min  
Delta R.T.: -0.002 min  
Response: 143962007  
Conc: 54.63 ng/ml



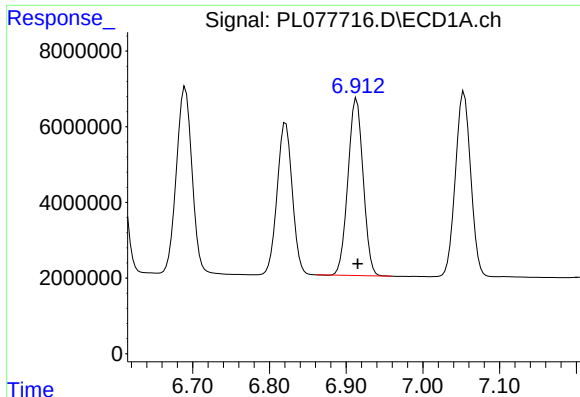
#16 4,4'-DDD

R.T.: 6.603 min  
Delta R.T.: 0.000 min  
Response: 66559456  
Conc: 56.85 ng/ml



#16 4,4'-DDD

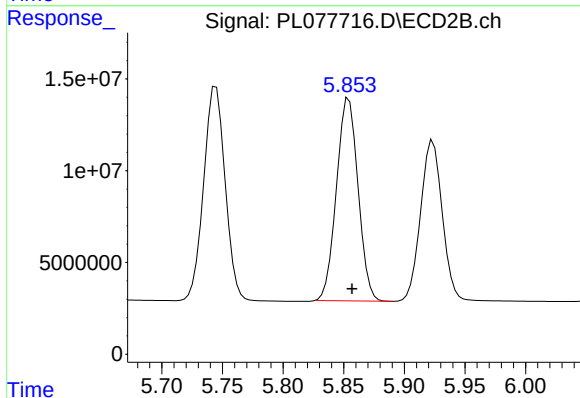
R.T.: 5.606 min  
Delta R.T.: -0.003 min  
Response: 147885242  
Conc: 57.09 ng/ml



#17 4,4'-DDT

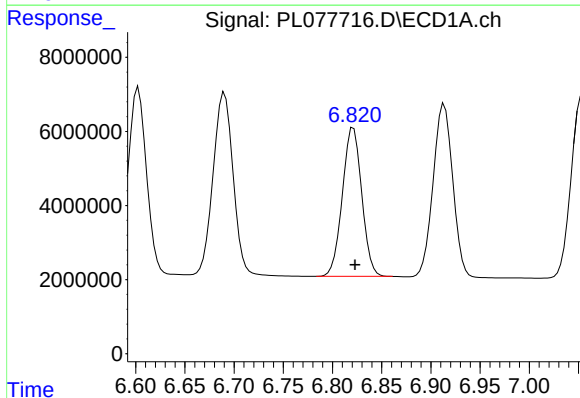
R.T.: 6.914 min  
Delta R.T.: -0.001 min  
Response: 64894055  
Conc: 51.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147537BS



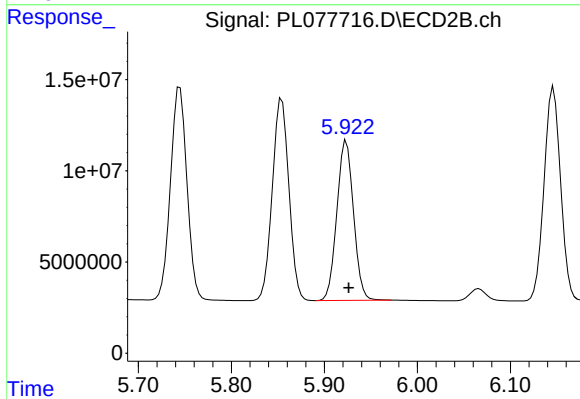
#17 4,4'-DDT

R.T.: 5.854 min  
Delta R.T.: -0.003 min  
Response: 136701761  
Conc: 51.88 ng/ml



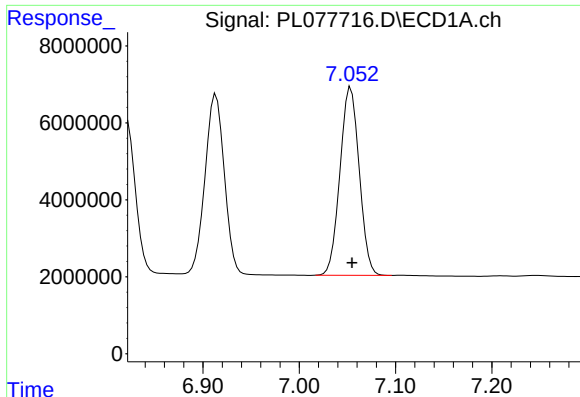
#18 Endrin aldehyde

R.T.: 6.821 min  
Delta R.T.: -0.002 min  
Response: 55001944  
Conc: 52.01 ng/ml



#18 Endrin aldehyde

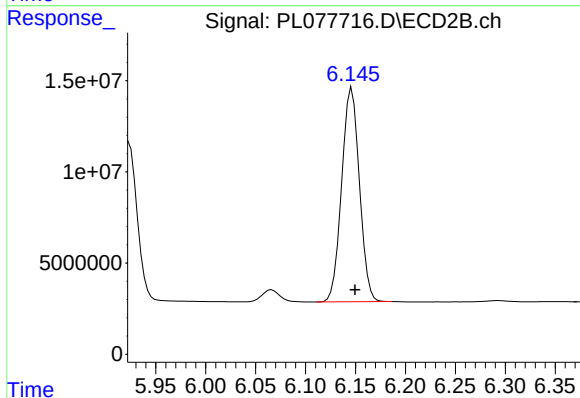
R.T.: 5.924 min  
Delta R.T.: -0.002 min  
Response: 108957327  
Conc: 52.80 ng/ml



#19 Endosulfan Sulfate

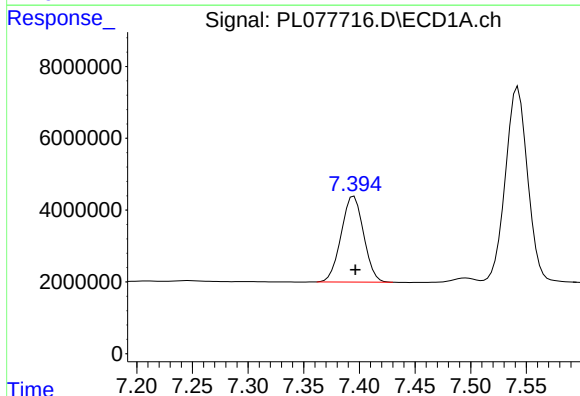
R.T.: 7.054 min  
Delta R.T.: -0.001 min  
Response: 67746992  
Conc: 52.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147537BS



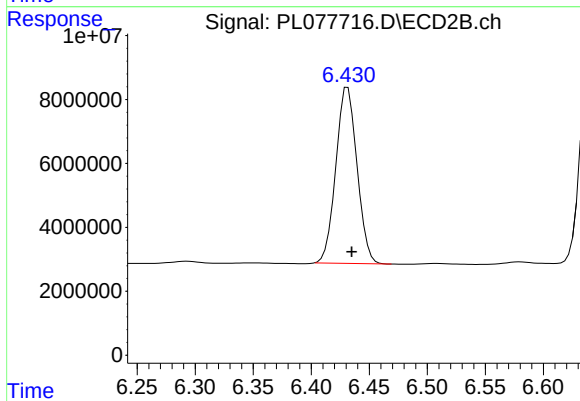
#19 Endosulfan Sulfate

R.T.: 6.146 min  
Delta R.T.: -0.003 min  
Response: 145041860  
Conc: 53.94 ng/ml



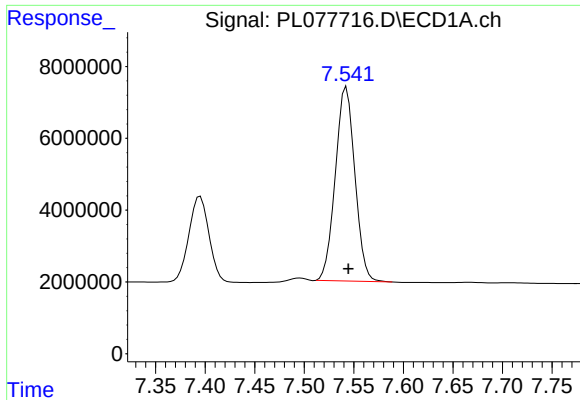
#20 Methoxychlor

R.T.: 7.395 min  
Delta R.T.: -0.001 min  
Response: 33581666  
Conc: 50.85 ng/ml



#20 Methoxychlor

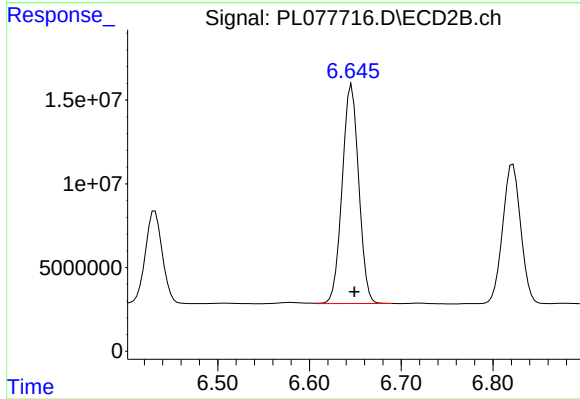
R.T.: 6.431 min  
Delta R.T.: -0.003 min  
Response: 69920667  
Conc: 51.06 ng/ml



#21 Endrin ketone

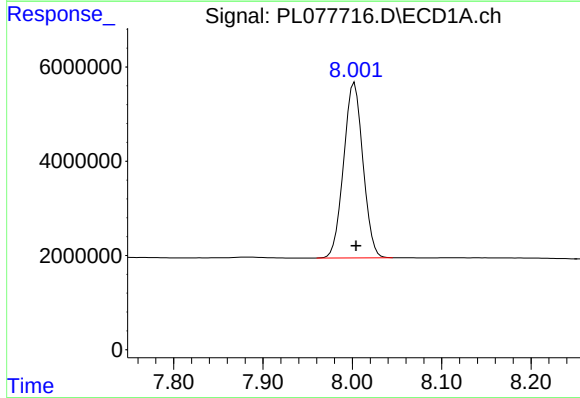
R.T.: 7.543 min  
Delta R.T.: -0.002 min  
Response: 74195423  
Conc: 53.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147537BS



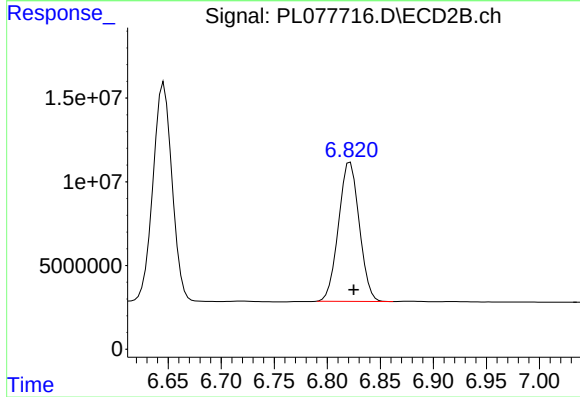
#21 Endrin ketone

R.T.: 6.646 min  
Delta R.T.: -0.003 min  
Response: 163836573  
Conc: 54.10 ng/ml



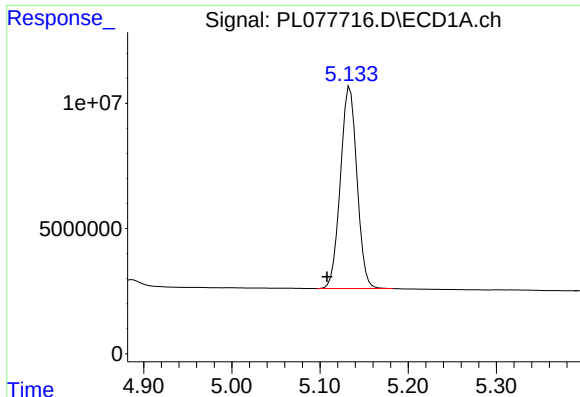
#22 Mirex

R.T.: 8.002 min  
Delta R.T.: -0.002 min  
Response: 55852503  
Conc: 53.19 ng/ml



#22 Mirex

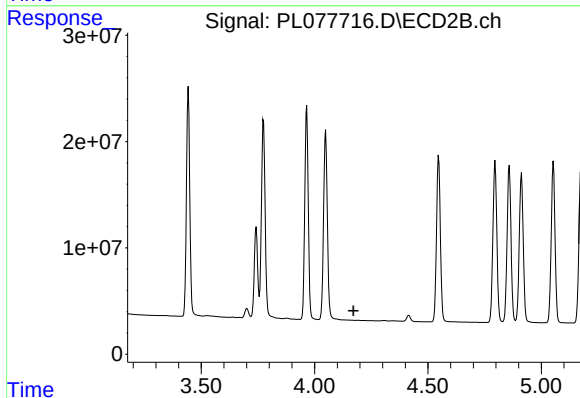
R.T.: 6.822 min  
Delta R.T.: -0.003 min  
Response: 113132215  
Conc: 52.62 ng/ml



#24 Chlordane-2

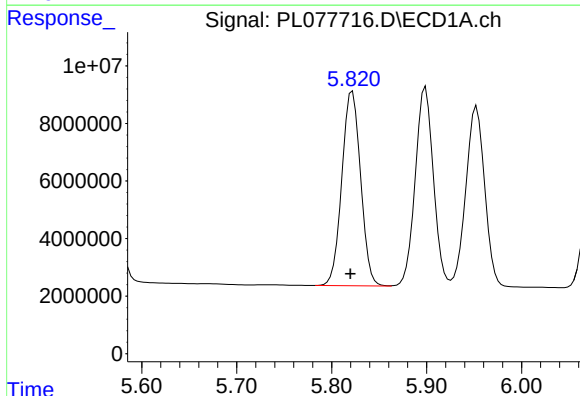
R.T.: 5.134 min  
Delta R.T.: 0.026 min  
Response: 105026438  
Conc: 1575.21 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PB147537BS



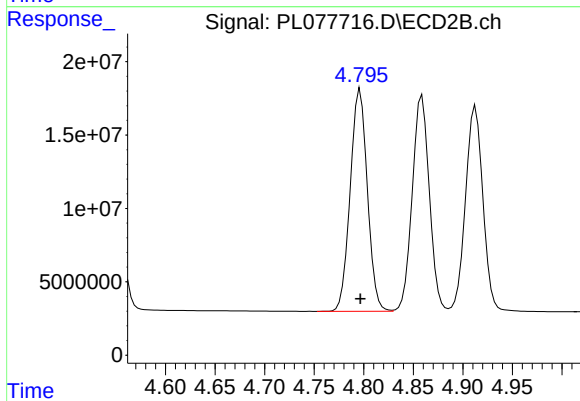
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.172 min  
Response: 0  
Conc: N.D.



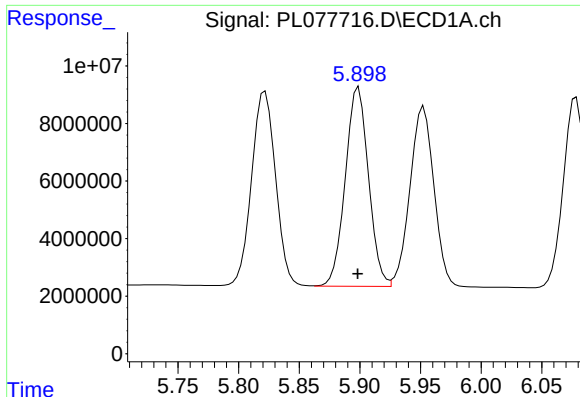
#25 Chlordane-3

R.T.: 5.822 min  
Delta R.T.: 0.002 min  
Response: 92914879  
Conc: 377.30 ng/ml



#25 Chlordane-3

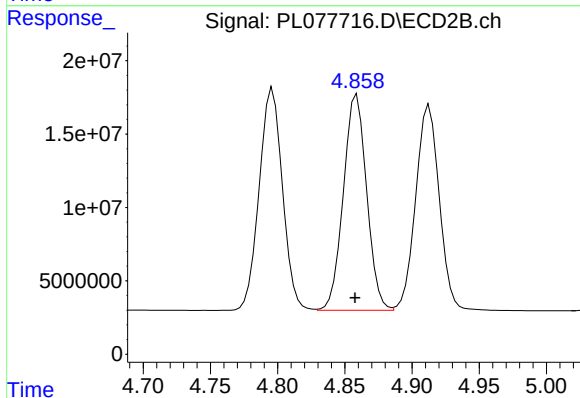
R.T.: 4.796 min  
Delta R.T.: 0.000 min  
Response: 182589916  
Conc: 530.80 ng/ml



#26 Chlordane-4

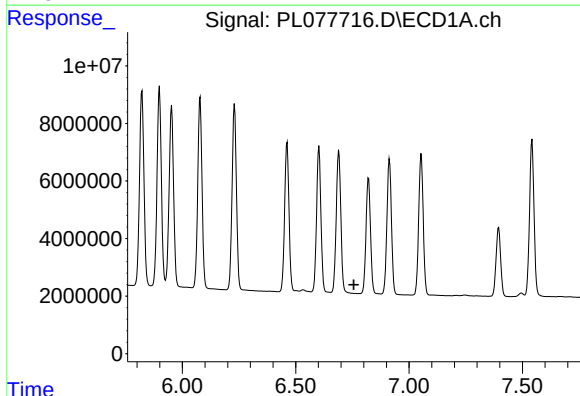
R.T.: 5.899 min  
Delta R.T.: 0.000 min  
Response: 92086692  
Conc: 309.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147537BS



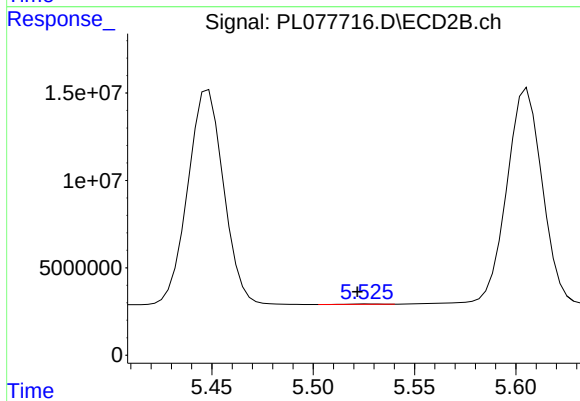
#26 Chlordane-4

R.T.: 4.859 min  
Delta R.T.: 0.001 min  
Response: 176981850  
Conc: 487.80 ng/ml



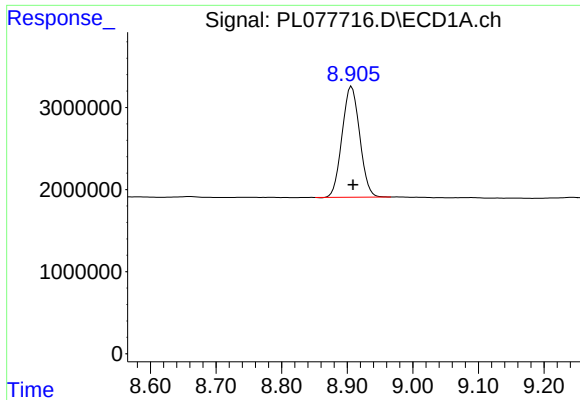
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.757 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

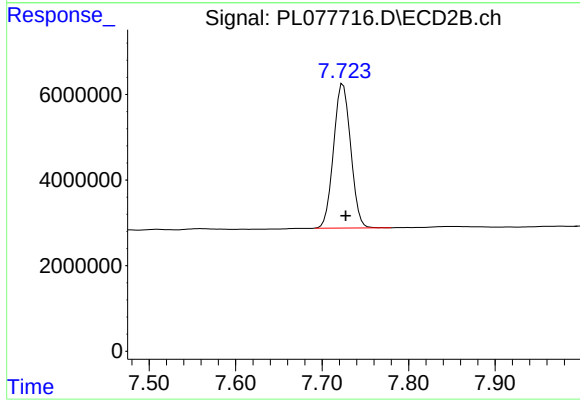
R.T.: 5.527 min  
Delta R.T.: 0.006 min  
Response: 175562  
Conc: 1.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.907 min  
Delta R.T.: -0.002 min  
Response: 25262723  
Conc: 19.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147537BS



#28 Decachlorobiphenyl

R.T.: 7.724 min  
Delta R.T.: -0.003 min  
Response: 46119078  
Conc: 18.37 ng/ml