

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100819\  
 Data File : PL053149.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Oct 2019 15:54  
 Operator : SG\AJ  
 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 09 00:40:56 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 08:44:08 2019  
 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... | 3.551 | 4.049  | 562.1E6 | 133.7E6  | 56.515   | 49.791     |
| 28)                         | SA Decachlor... | 8.343 | 9.129  | 443.7E6 | 126.4E6  | 44.300   | 43.098     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.995 | 4.440  | 914.9E6 | 193.3E6  | 57.358   | 50.344     |
| 3)                          | MA gamma-BHC... | 4.283 | 4.726  | 835.9E6 | 180.6E6  | 57.394   | 49.876     |
| 4)                          | MA Heptachlor   | 4.591 | 5.236  | 838.6E6 | 183.5E6  | 56.126   | 48.152     |
| 5)                          | MB Aldrin       | 4.843 | 5.541  | 781.9E6 | 163.1E6  | 56.845   | 47.075     |
| 6)                          | B beta-BHC      | 4.533 | 4.895  | 334.0E6 | 86055466 | 53.795   | 54.749     |
| 7)                          | B delta-BHC     | 4.742 | 5.112  | 823.0E6 | 172.6E6  | 57.432   | 47.686     |
| 8)                          | B Heptachlo...  | 5.289 | 5.927  | 724.7E6 | 151.3E6  | 55.614   | 45.133     |
| 9)                          | A Endosulfan I  | 5.632 | 6.284  | 651.9E6 | 140.5E6  | 53.719   | 44.941     |
| 10)                         | B gamma-Chl...  | 5.518 | 6.161  | 737.9E6 | 148.0E6  | 54.872   | 43.756     |
| 11)                         | B alpha-Chl...  | 5.578 | 6.234  | 710.4E6 | 148.3E6  | 53.859   | 44.047     |
| 12)                         | B 4,4'-DDE      | 5.740 | 6.389  | 630.9E6 | 153.0E6  | 54.354   | 46.840     |
| 13)                         | MA Dieldrin     | 5.876 | 6.541  | 668.7E6 | 144.3E6  | 51.802   | 44.251     |
| 14)                         | MA Endrin       | 6.135 | 6.759  | 585.6E6 | 120.9E6  | 51.406   | 43.525     |
| 15)                         | B Endosulfa...  | 6.408 | 6.967  | 534.0E6 | 127.2E6  | 46.595   | 42.879     |
| 16)                         | A 4,4'-DDD      | 6.258 | 6.879  | 441.3E6 | 105.7E6  | 49.101   | 43.087     |
| 17)                         | MA 4,4'-DDT     | 6.501 | 7.178  | 504.9E6 | 111.4E6  | 49.444   | 42.800     |
| 18)                         | B Endrin al...  | 6.576 | 7.091  | 467.2E6 | 103.7E6  | 49.751   | 42.291     |
| 19)                         | B Endosulfa...  | 6.789 | 7.314  | 490.8E6 | 113.4E6  | 47.152   | 41.538     |
| 20)                         | A Methoxychlor  | 7.047 | 7.636  | 233.7E6 | 61685828 | 45.302   | 43.813     |
| 21)                         | B Endrin ke...  | 7.283 | 7.786  | 507.9E6 | 118.9E6  | 43.579   | 41.672     |
| 22)                         | Mirex           | 7.478 | 8.241  | 383.8E6 | 89861356 | 40.640   | 39.952     |
| 24)                         | Chlordane-2     | 0.000 | 5.541f | 0       | 163.1E6  | N.D.     | 1457.646 # |
| 25)                         | Chlordane-3     | 5.518 | 6.161  | 737.9E6 | 148.0E6  | 636.857  | 339.901 #  |
| 26)                         | Chlordane-4     | 5.578 | 6.234  | 710.4E6 | 148.3E6  | 744.297  | 279.208 #  |
| 27)                         | Chlordane-5     | 6.408 | 0.000  | 534.0E6 | 0        | 1353.726 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

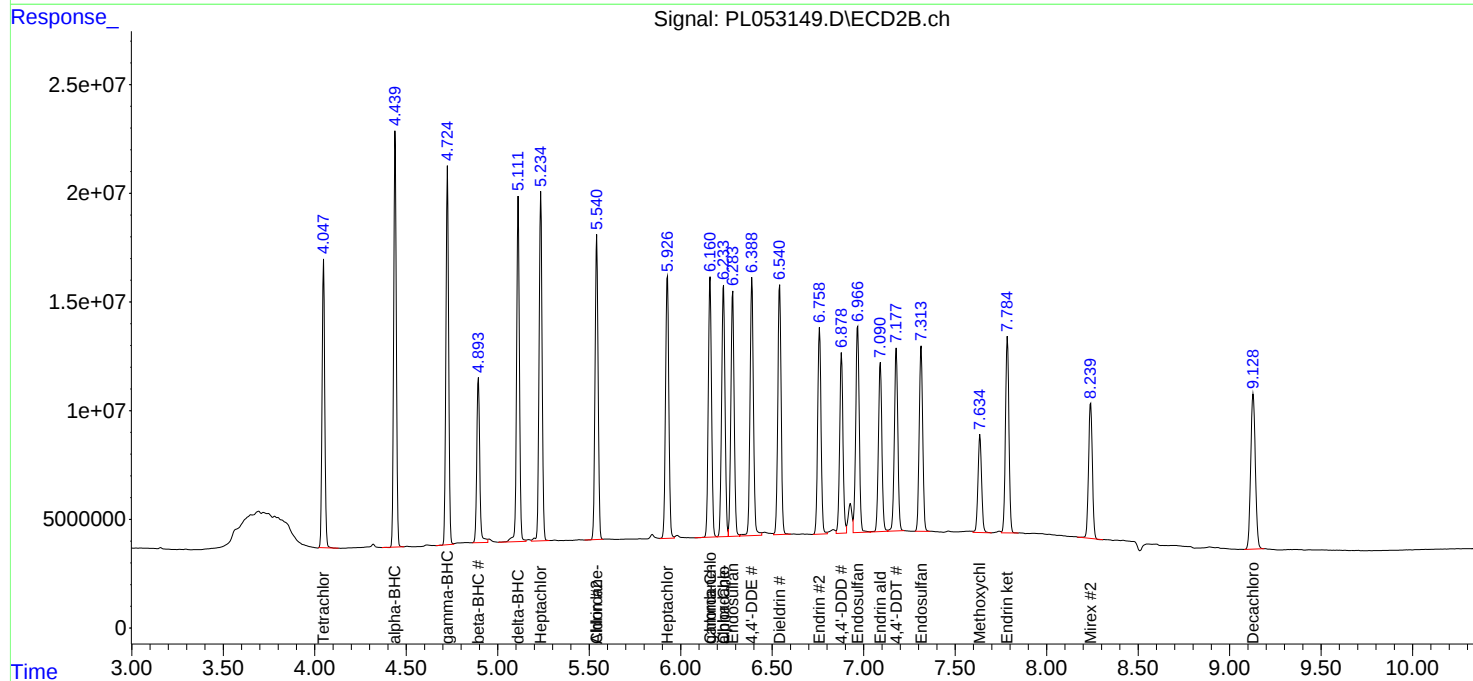
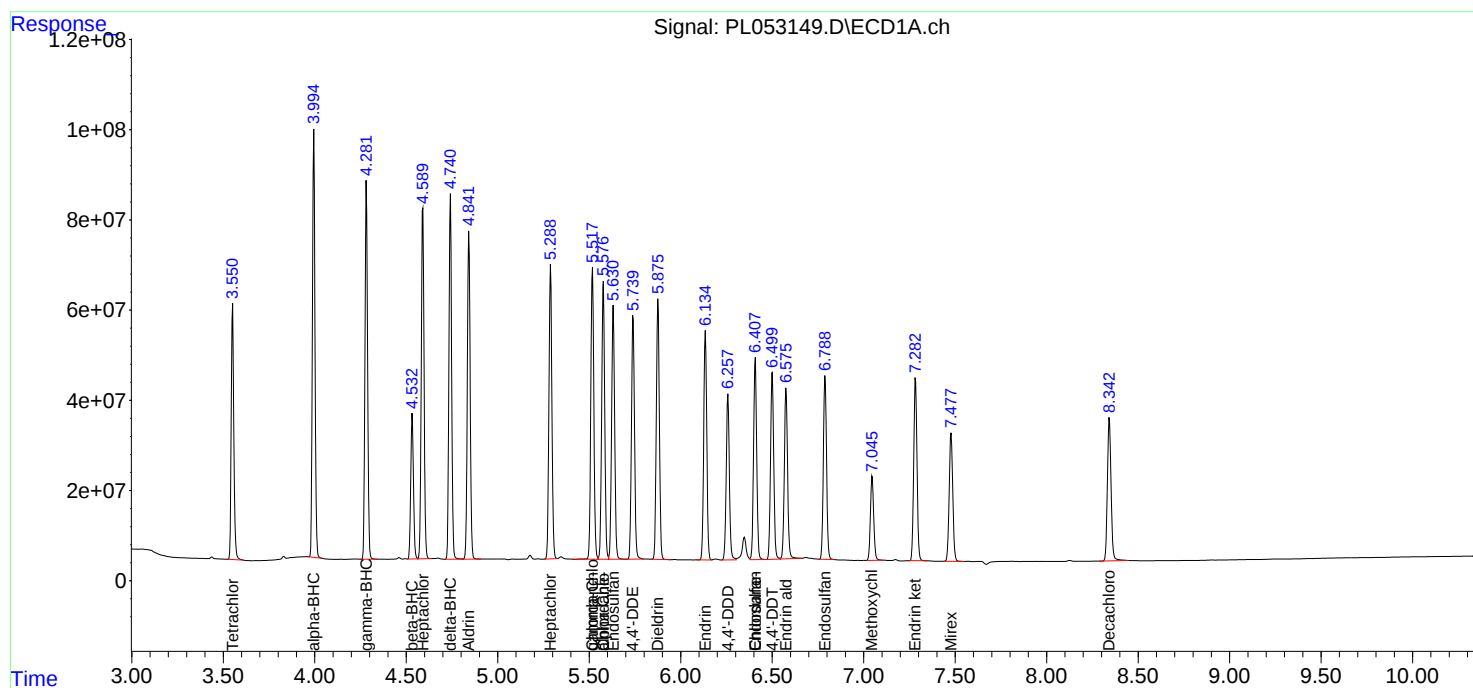
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

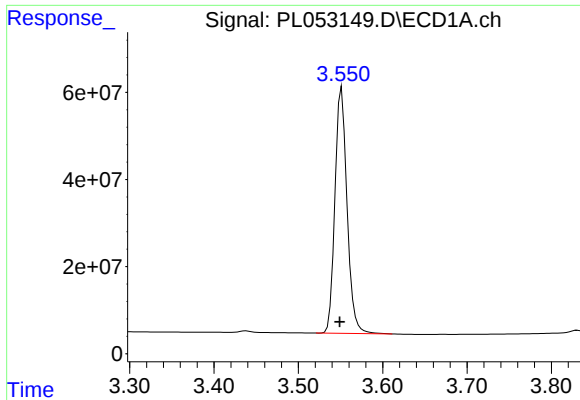
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100819\  
Data File : PL053149.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Oct 2019 15:54  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 09 00:40:56 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 30 08:44:08 2019  
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

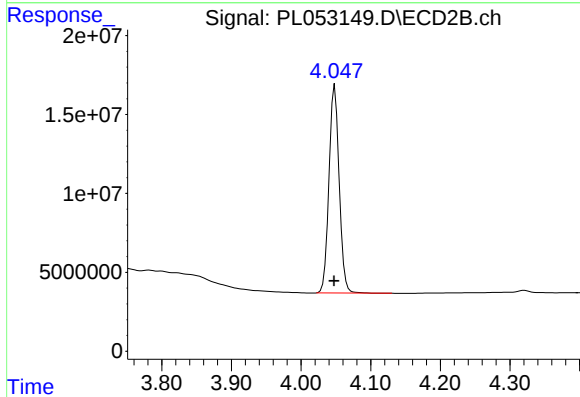




#1 Tetrachloro-m-xylene

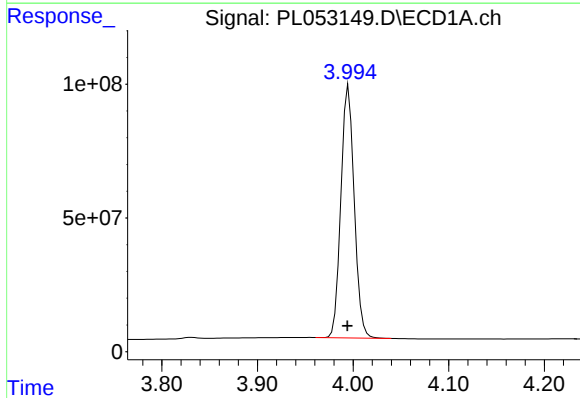
R.T.: 3.551 min  
Delta R.T.: 0.002 min  
Response: 562136969  
Conc: 56.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



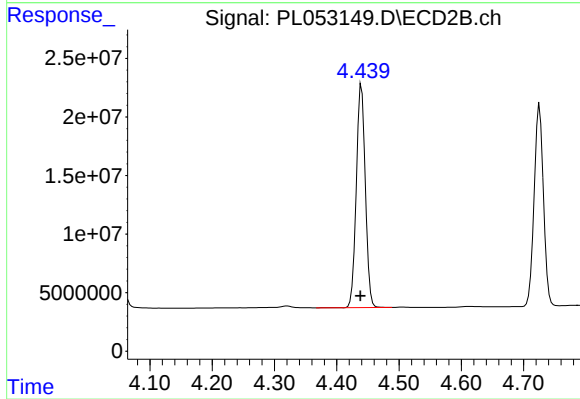
#1 Tetrachloro-m-xylene

R.T.: 4.049 min  
Delta R.T.: 0.001 min  
Response: 133698897  
Conc: 49.79 ng/ml



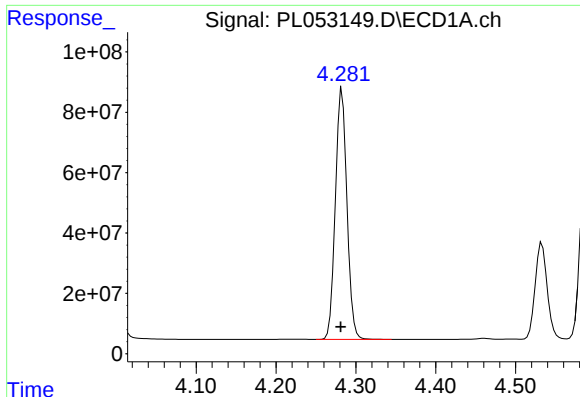
#2 alpha-BHC

R.T.: 3.995 min  
Delta R.T.: 0.001 min  
Response: 914886117  
Conc: 57.36 ng/ml



#2 alpha-BHC

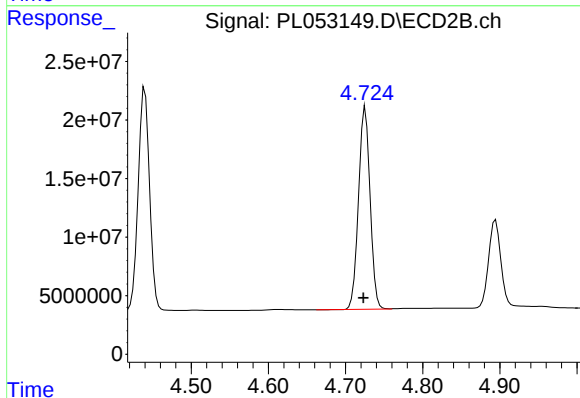
R.T.: 4.440 min  
Delta R.T.: 0.002 min  
Response: 193323684  
Conc: 50.34 ng/ml



#3 gamma-BHC (Lindane)

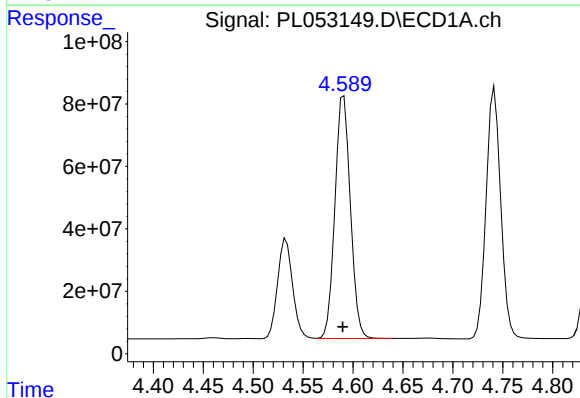
R.T.: 4.283 min  
Delta R.T.: 0.002 min  
Response: 835926165  
Conc: 57.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



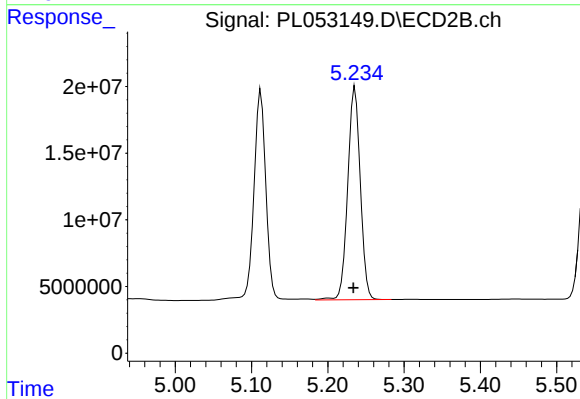
#3 gamma-BHC (Lindane)

R.T.: 4.726 min  
Delta R.T.: 0.002 min  
Response: 180609183  
Conc: 49.88 ng/ml



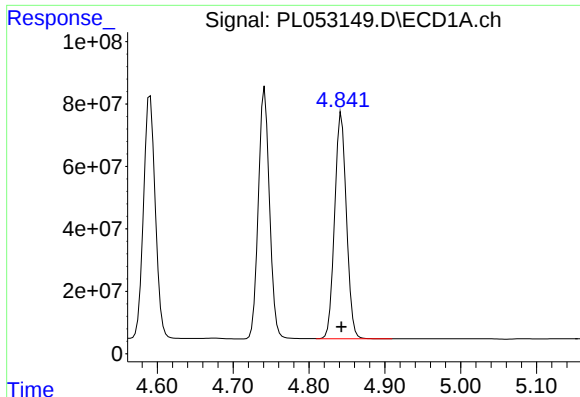
#4 Heptachlor

R.T.: 4.591 min  
Delta R.T.: 0.000 min  
Response: 838635010  
Conc: 56.13 ng/ml



#4 Heptachlor

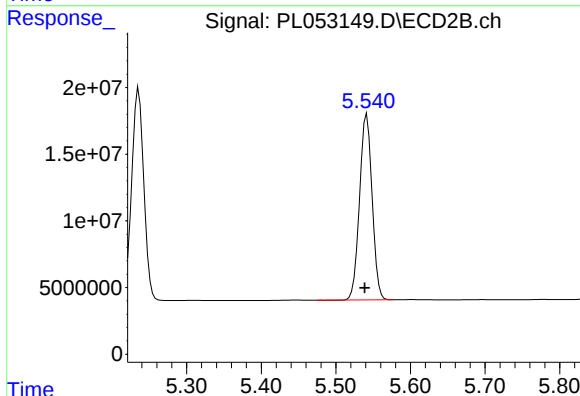
R.T.: 5.236 min  
Delta R.T.: 0.002 min  
Response: 183493997  
Conc: 48.15 ng/ml



#5 Aldrin

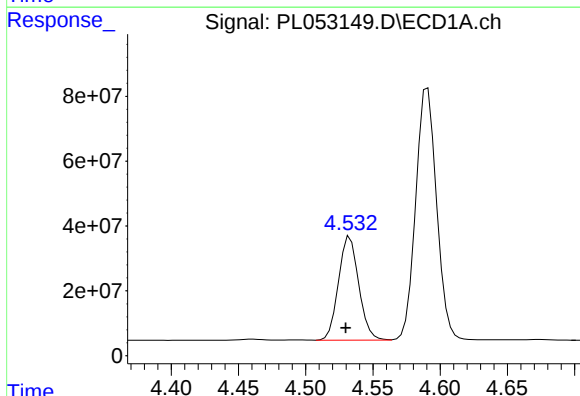
R.T.: 4.843 min  
Delta R.T.: 0.000 min  
Response: 781912549  
Conc: 56.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



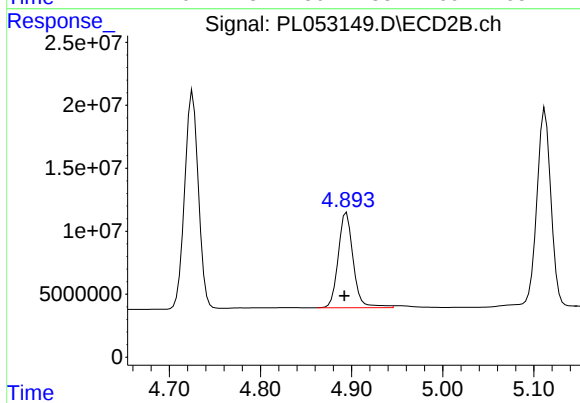
#5 Aldrin

R.T.: 5.541 min  
Delta R.T.: 0.003 min  
Response: 163143147  
Conc: 47.07 ng/ml



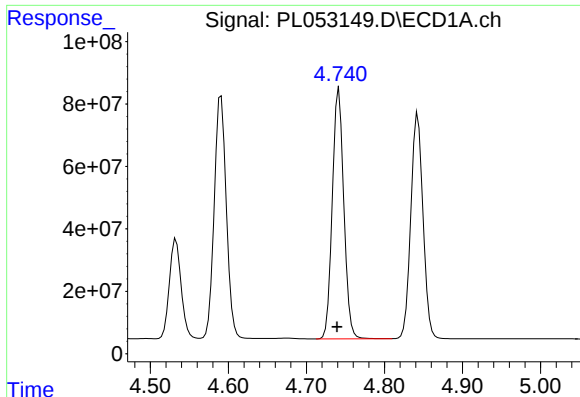
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.003 min  
Response: 333986798  
Conc: 53.79 ng/ml



#6 beta-BHC

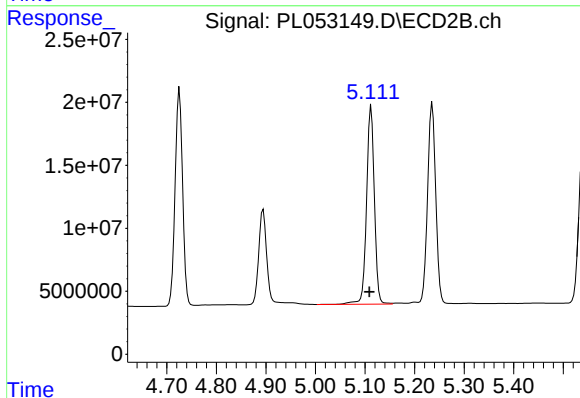
R.T.: 4.895 min  
Delta R.T.: 0.003 min  
Response: 86055466  
Conc: 54.75 ng/ml



#7 delta-BHC

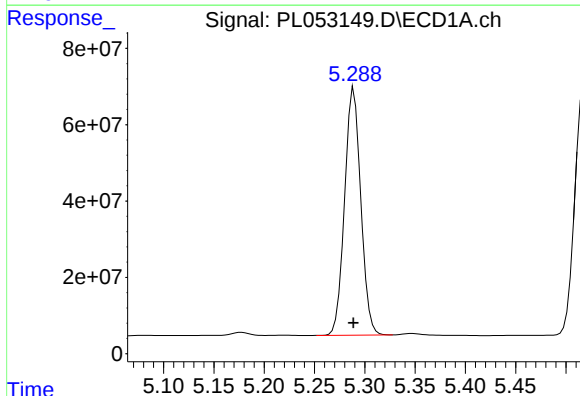
R.T.: 4.742 min  
Delta R.T.: 0.002 min  
Response: 822953477  
Conc: 57.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



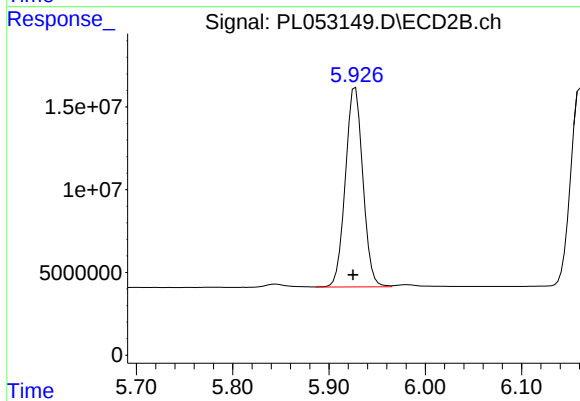
#7 delta-BHC

R.T.: 5.112 min  
Delta R.T.: 0.003 min  
Response: 172618286  
Conc: 47.69 ng/ml



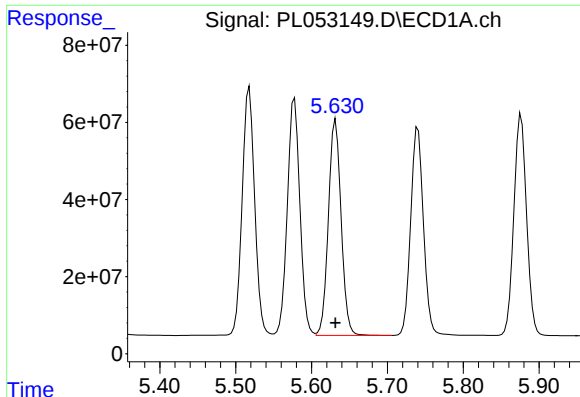
#8 Heptachlor epoxide

R.T.: 5.289 min  
Delta R.T.: 0.000 min  
Response: 724708269  
Conc: 55.61 ng/ml



#8 Heptachlor epoxide

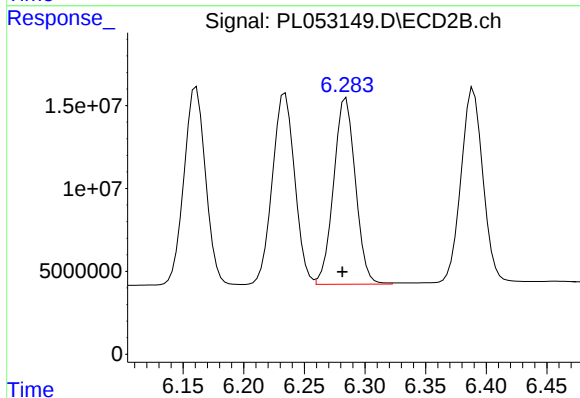
R.T.: 5.927 min  
Delta R.T.: 0.002 min  
Response: 151262942  
Conc: 45.13 ng/ml



#9 Endosulfan I

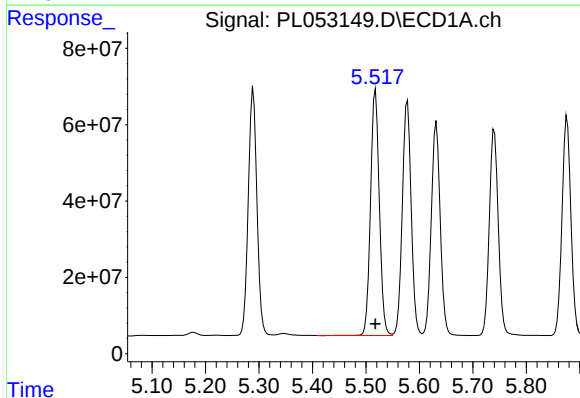
R.T.: 5.632 min  
Delta R.T.: 0.000 min  
Response: 651918039  
Conc: 53.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



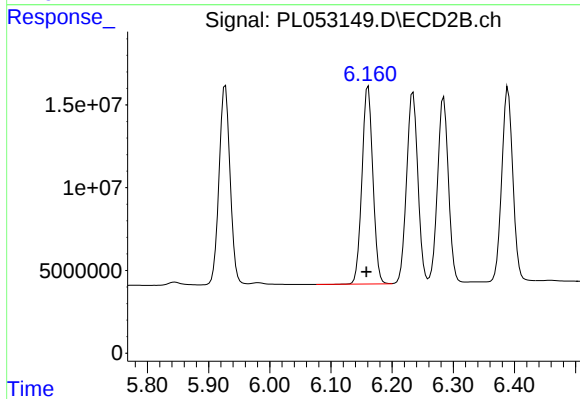
#9 Endosulfan I

R.T.: 6.284 min  
Delta R.T.: 0.003 min  
Response: 140471901  
Conc: 44.94 ng/ml



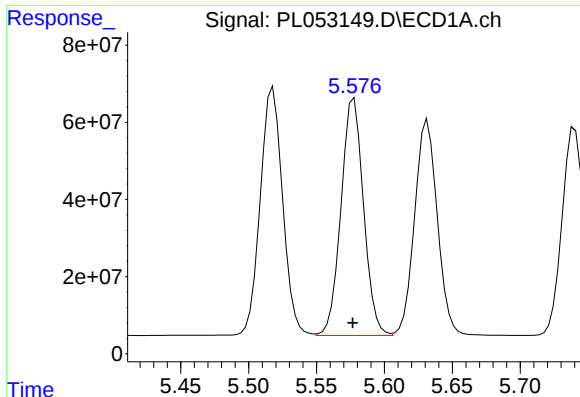
#10 gamma-Chlordane

R.T.: 5.518 min  
Delta R.T.: 0.000 min  
Response: 737925122  
Conc: 54.87 ng/ml



#10 gamma-Chlordane

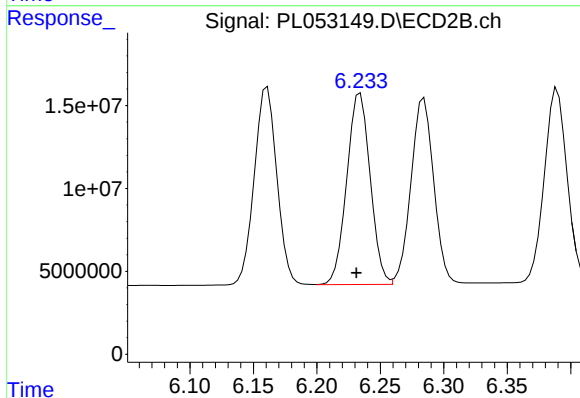
R.T.: 6.161 min  
Delta R.T.: 0.003 min  
Response: 148029846  
Conc: 43.76 ng/ml



#11 alpha-Chlordane

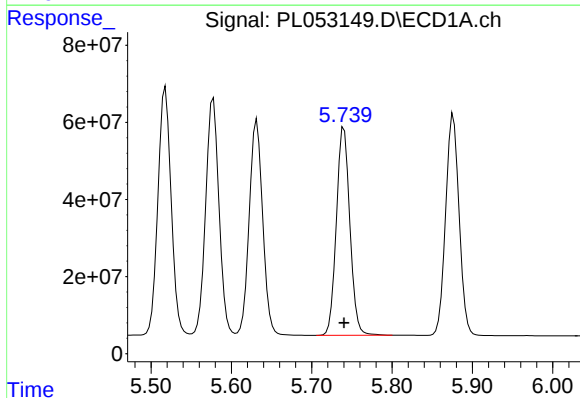
R.T.: 5.578 min  
Delta R.T.: 0.000 min  
Response: 710365620  
Conc: 53.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



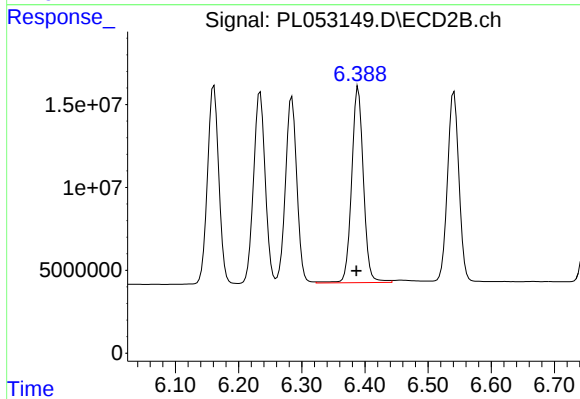
#11 alpha-Chlordane

R.T.: 6.234 min  
Delta R.T.: 0.003 min  
Response: 148258366  
Conc: 44.05 ng/ml



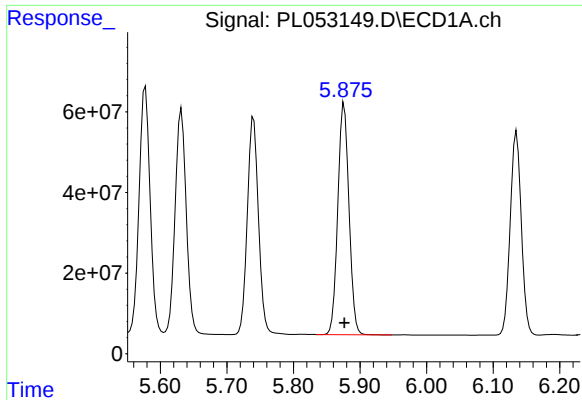
#12 4,4'-DDE

R.T.: 5.740 min  
Delta R.T.: 0.000 min  
Response: 630855322  
Conc: 54.35 ng/ml



#12 4,4'-DDE

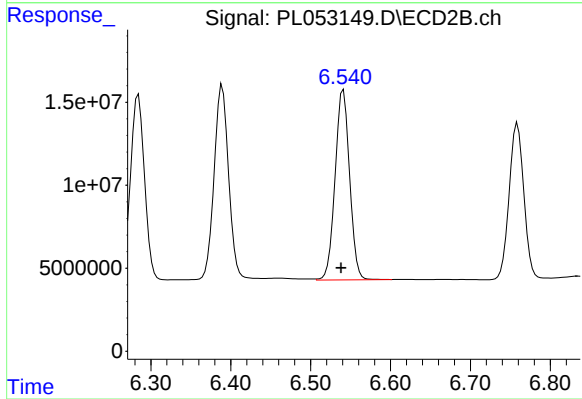
R.T.: 6.389 min  
Delta R.T.: 0.003 min  
Response: 152985356  
Conc: 46.84 ng/ml



#13 Dieldrin

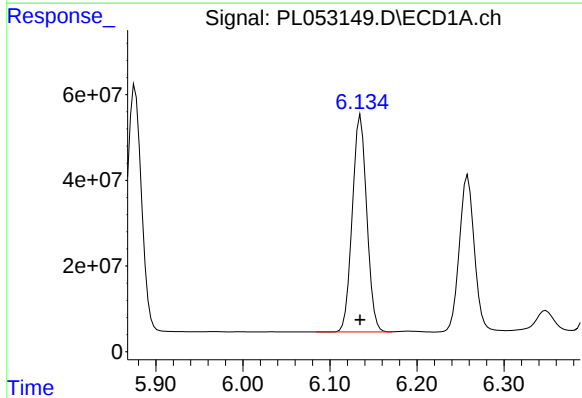
R.T.: 5.876 min  
Delta R.T.: 0.000 min  
Response: 668671501  
Conc: 51.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



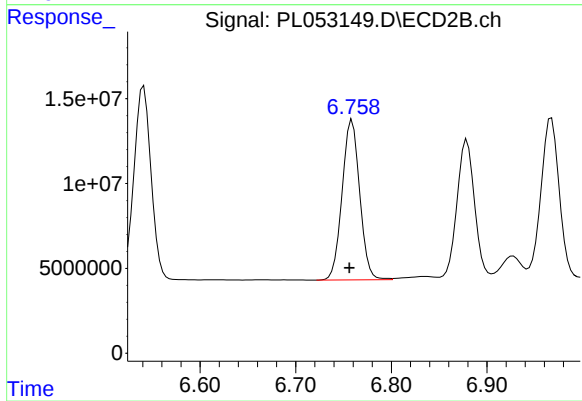
#13 Dieldrin

R.T.: 6.541 min  
Delta R.T.: 0.003 min  
Response: 144346200  
Conc: 44.25 ng/ml



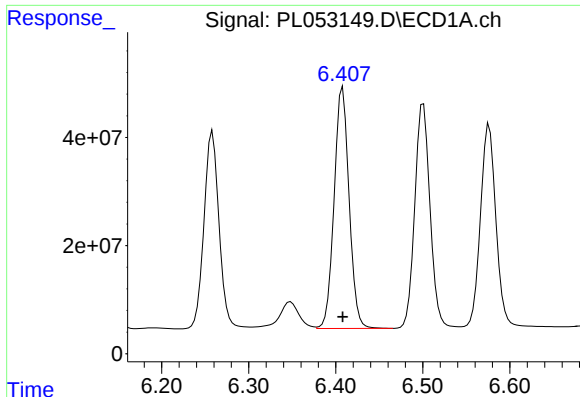
#14 Endrin

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 585557792  
Conc: 51.41 ng/ml



#14 Endrin

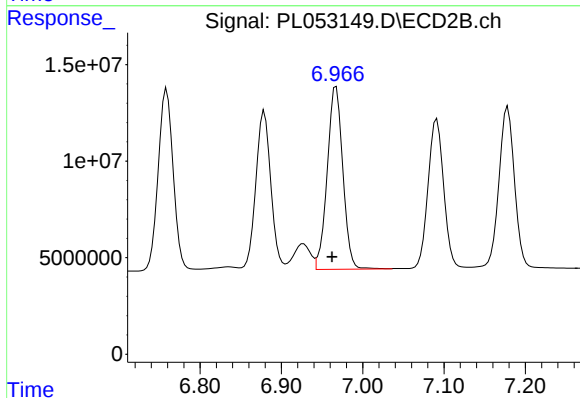
R.T.: 6.759 min  
Delta R.T.: 0.003 min  
Response: 120865074  
Conc: 43.53 ng/ml



#15 Endosulfan II

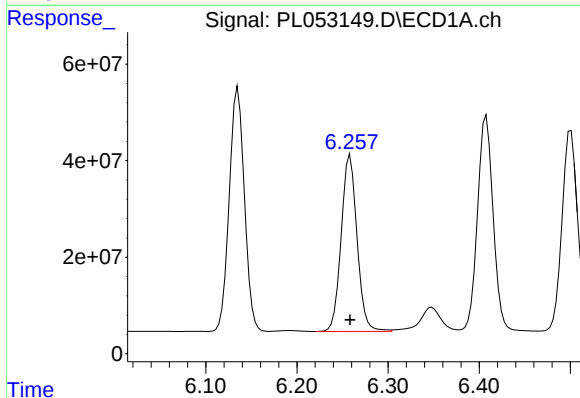
R.T.: 6.408 min  
Delta R.T.: 0.000 min  
Response: 533955948  
Conc: 46.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



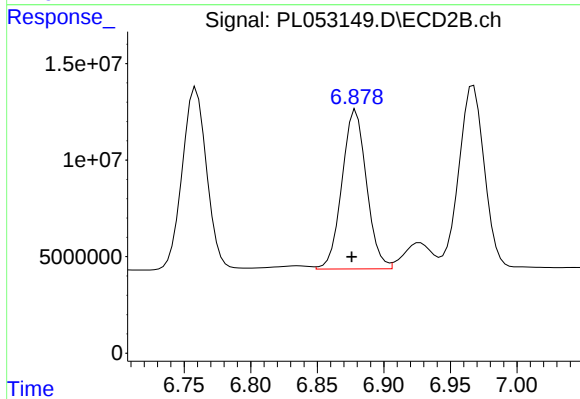
#15 Endosulfan II

R.T.: 6.967 min  
Delta R.T.: 0.005 min  
Response: 127222392  
Conc: 42.88 ng/ml



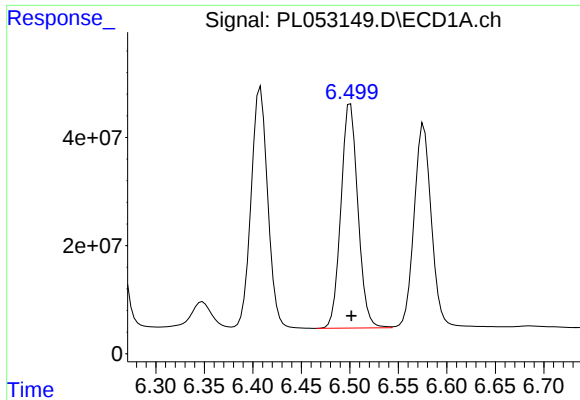
#16 4,4'-DDD

R.T.: 6.258 min  
Delta R.T.: 0.000 min  
Response: 441339663  
Conc: 49.10 ng/ml



#16 4,4'-DDD

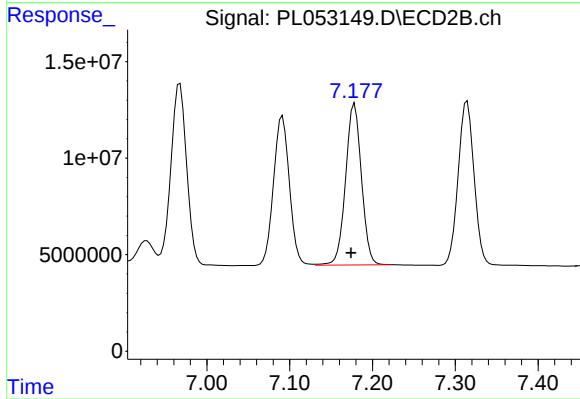
R.T.: 6.879 min  
Delta R.T.: 0.003 min  
Response: 105673453  
Conc: 43.09 ng/ml



#17 4,4'-DDT

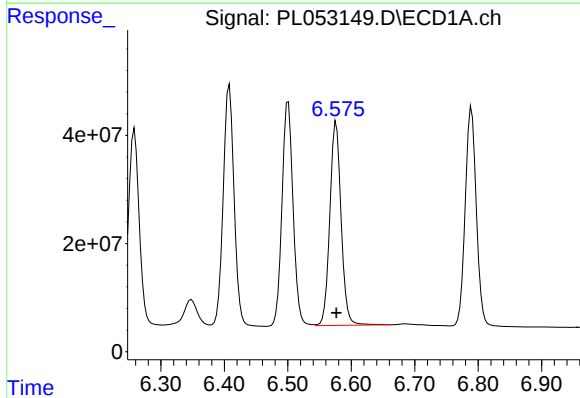
R.T.: 6.501 min  
Delta R.T.: -0.001 min  
Response: 504947586  
Conc: 49.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



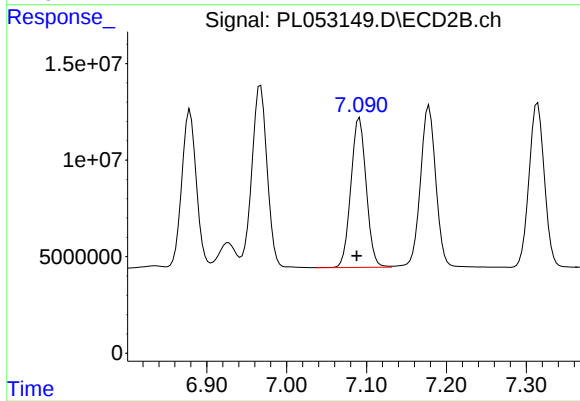
#17 4,4'-DDT

R.T.: 7.178 min  
Delta R.T.: 0.004 min  
Response: 111389535  
Conc: 42.80 ng/ml



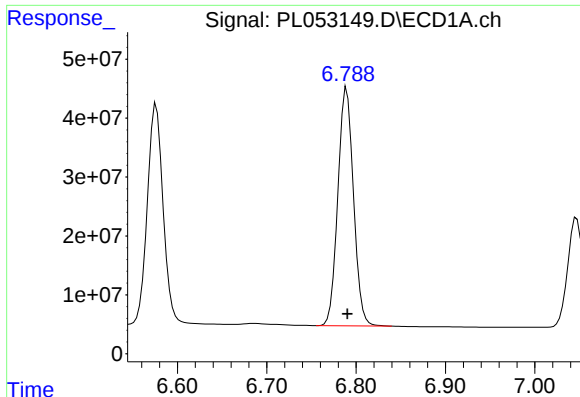
#18 Endrin aldehyde

R.T.: 6.576 min  
Delta R.T.: 0.000 min  
Response: 467200538  
Conc: 49.75 ng/ml



#18 Endrin aldehyde

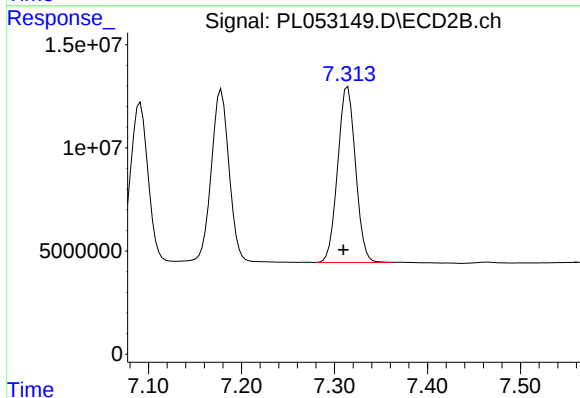
R.T.: 7.091 min  
Delta R.T.: 0.003 min  
Response: 103726306  
Conc: 42.29 ng/ml



#19 Endosulfan Sulfate

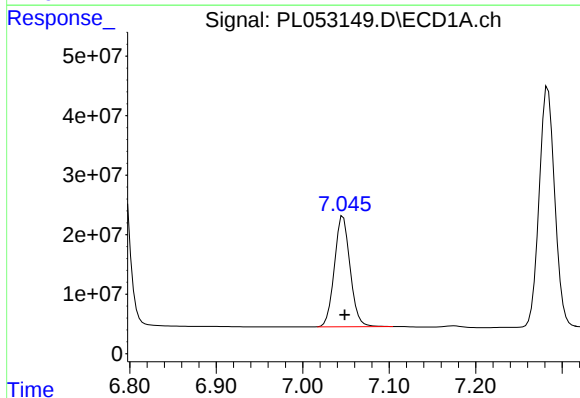
R.T.: 6.789 min  
Delta R.T.: 0.000 min  
Response: 490812934  
Conc: 47.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



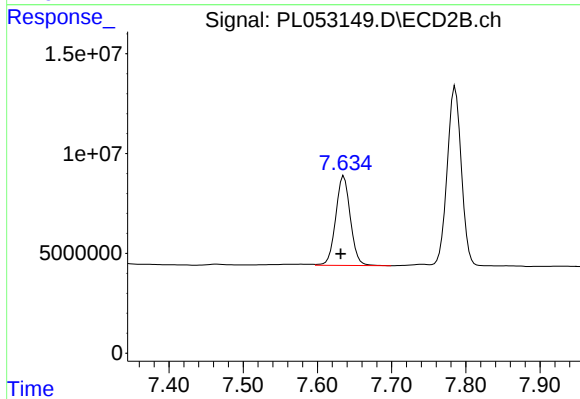
#19 Endosulfan Sulfate

R.T.: 7.314 min  
Delta R.T.: 0.005 min  
Response: 113416547  
Conc: 41.54 ng/ml



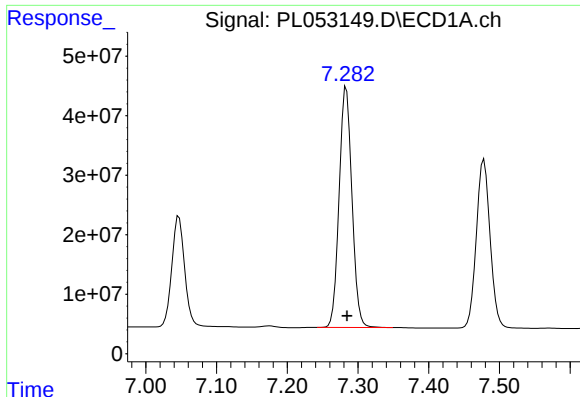
#20 Methoxychlor

R.T.: 7.047 min  
Delta R.T.: -0.002 min  
Response: 233671741  
Conc: 45.30 ng/ml



#20 Methoxychlor

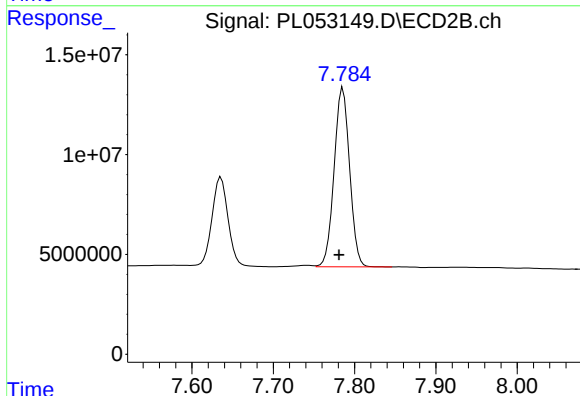
R.T.: 7.636 min  
Delta R.T.: 0.004 min  
Response: 61685828  
Conc: 43.81 ng/ml



#21 Endrin ketone

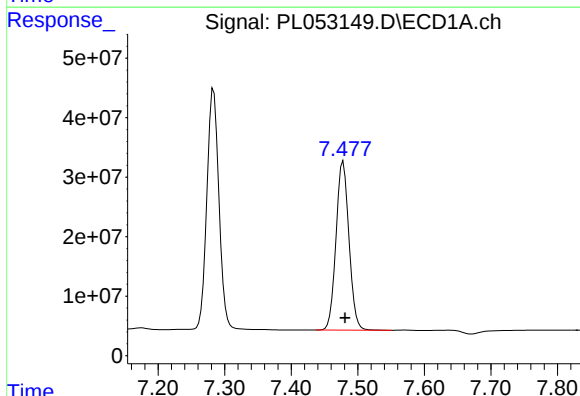
R.T.: 7.283 min  
Delta R.T.: 0.000 min  
Response: 507912452  
Conc: 43.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



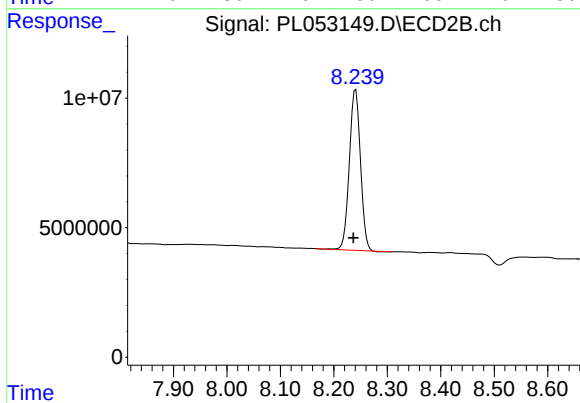
#21 Endrin ketone

R.T.: 7.786 min  
Delta R.T.: 0.005 min  
Response: 118885937  
Conc: 41.67 ng/ml



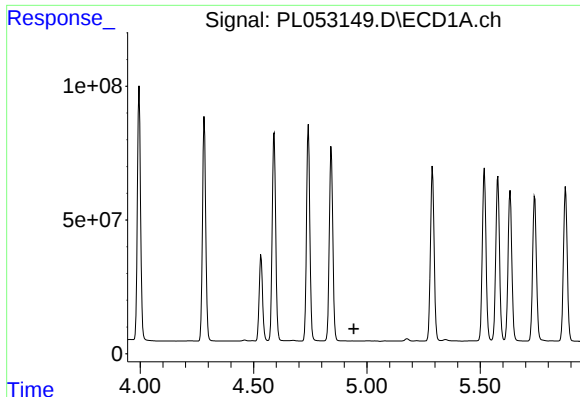
#22 Mirex

R.T.: 7.478 min  
Delta R.T.: -0.003 min  
Response: 383785234  
Conc: 40.64 ng/ml



#22 Mirex

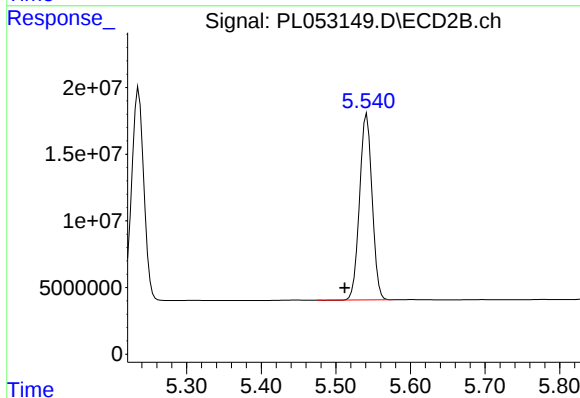
R.T.: 8.241 min  
Delta R.T.: 0.004 min  
Response: 89861356  
Conc: 39.95 ng/ml



#24 Chlordane-2

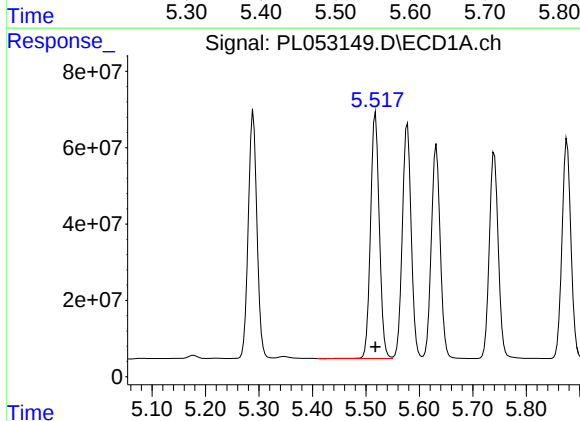
R.T.: 0.000 min  
Exp R.T.: 4.942 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



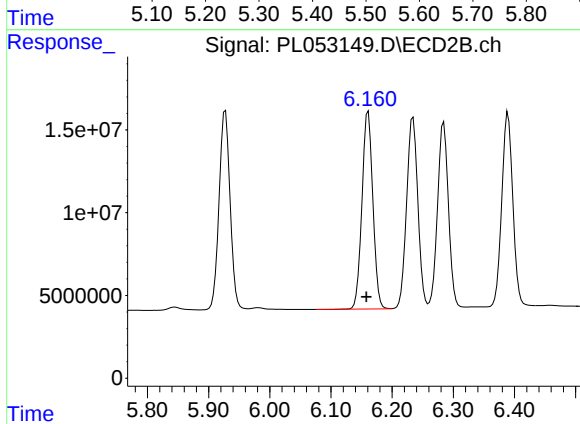
#24 Chlordane-2

R.T.: 5.541 min  
Delta R.T.: 0.029 min  
Response: 163143147  
Conc: 1457.65 ng/ml



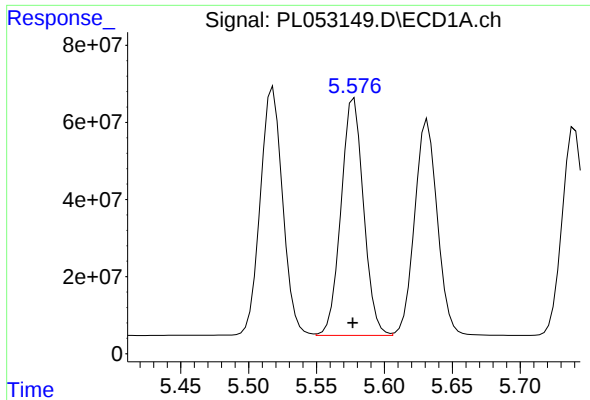
#25 Chlordane-3

R.T.: 5.518 min  
Delta R.T.: 0.000 min  
Response: 737925122  
Conc: 636.86 ng/ml



#25 Chlordane-3

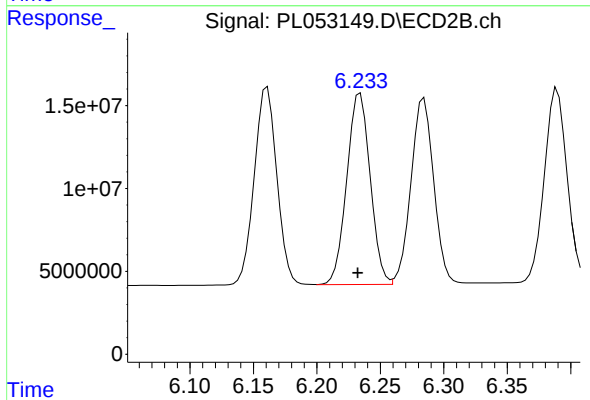
R.T.: 6.161 min  
Delta R.T.: 0.003 min  
Response: 148029846  
Conc: 339.90 ng/ml



#26 Chlordane-4

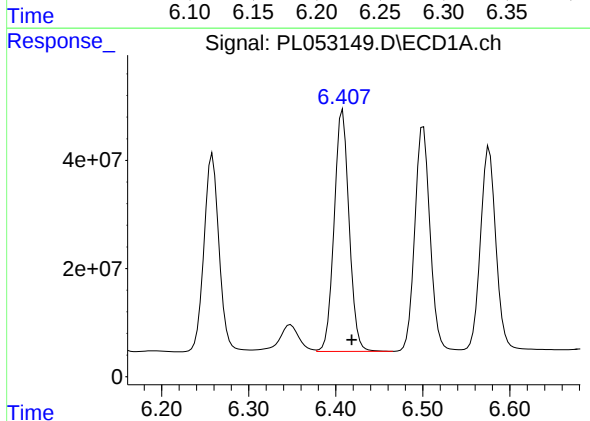
R.T.: 5.578 min  
Delta R.T.: 0.000 min  
Response: 710365620  
Conc: 744.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



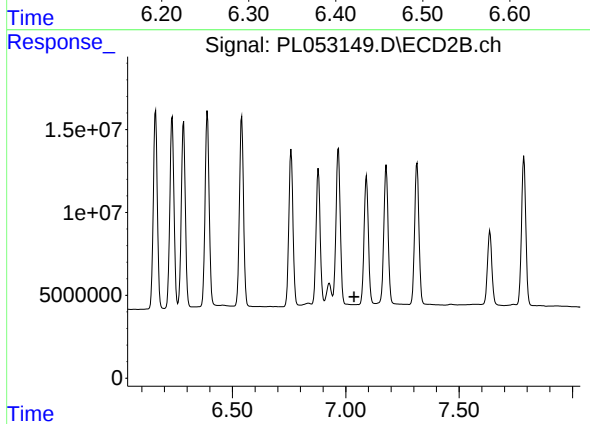
#26 Chlordane-4

R.T.: 6.234 min  
Delta R.T.: 0.002 min  
Response: 148258366  
Conc: 279.21 ng/ml



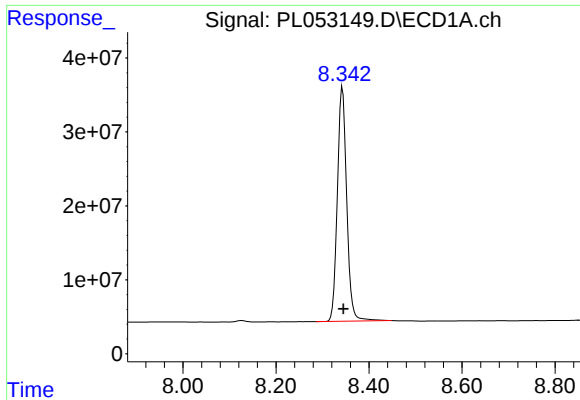
#27 Chlordane-5

R.T.: 6.408 min  
Delta R.T.: -0.010 min  
Response: 533955948  
Conc: 1353.73 ng/ml



#27 Chlordane-5

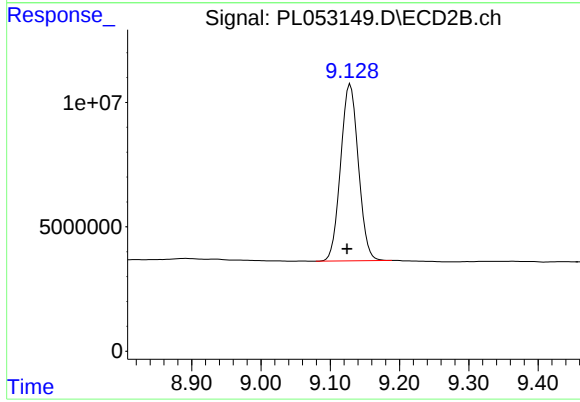
R.T.: 0.000 min  
Exp R.T.: 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.343 min  
Delta R.T.: -0.002 min  
Response: 443714176  
Conc: 44.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.129 min  
Delta R.T.: 0.005 min  
Response: 126436818  
Conc: 43.10 ng/ml