

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032521\  
 Data File : PL065568.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Mar 2021 16:48  
 Operator : AR\AJ  
 Sample : M1792-04MSD  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 26 02:19:41 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031821.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 19 02:14:11 2021  
 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... | 3.285 | 3.785 | 48961077 | 63932899 | 20.617   | 23.293     |
| 28)                         | SA Decachlor... | 7.923 | 8.732 | 28887752 | 25924275 | 11.957   | 13.079     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.708 | 4.169 | 177.6E6  | 175.8E6  | 47.510   | 43.252     |
| 3)                          | MA gamma-BHC... | 3.981 | 4.448 | 170.2E6  | 164.7E6  | 49.750   | 45.105     |
| 4)                          | MA Heptachlor   | 4.267 | 4.934 | 168.8E6  | 160.9E6  | 51.580   | 48.236     |
| 5)                          | MB Aldrin       | 4.504 | 5.230 | 67134579 | 156.5E6  | 21.187   | 47.778 #   |
| 6)                          | B beta-BHC      | 4.232 | 4.631 | 74813367 | 82709425 | 52.905   | 48.011     |
| 7)                          | B delta-BHC     | 4.425 | 4.838 | 53632533 | 53650624 | 16.126   | 17.953     |
| 8)                          | B Heptachlo...  | 4.936 | 5.617 | 152.2E6  | 168.3E6  | 51.467   | 58.215     |
| 9)                          | A Endosulfan I  | 5.263 | 5.967 | 142.0E6  | 131.9E6  | 52.095   | 50.093     |
| 10)                         | B gamma-Chl...  | 5.157 | 5.847 | 165.3E6  | 160.5E6  | 56.000   | 57.517     |
| 11)                         | B alpha-Chl...  | 5.213 | 5.917 | 153.3E6  | 141.4E6  | 52.680   | 50.942     |
| 12)                         | B 4,4'-DDE      | 5.379 | 6.081 | 137.9E6  | 128.8E6  | 52.386   | 51.713     |
| 13)                         | MA Dieldrin     | 5.500 | 6.223 | 143.5E6  | 133.2E6  | 51.273   | 48.957     |
| 14)                         | MA Endrin       | 5.750 | 6.438 | 107.4E6  | 114.9E6  | 42.995   | 52.040     |
| 15)                         | B Endosulfa...  | 6.022 | 6.655 | 119.2E6  | 113.4E6  | 48.653   | 50.254     |
| 16)                         | A 4,4'-DDD      | 5.886 | 6.573 | 111.3E6  | 110.3E6  | 50.366   | 50.160     |
| 17)                         | MA 4,4'-DDT     | 6.119 | 6.865 | 88499900 | 87286121 | 46.757   | 44.470     |
| 18)                         | B Endrin al...  | 6.189 | 6.779 | 96118232 | 94035165 | 50.055   | 53.677     |
| 19)                         | B Endosulfa...  | 6.400 | 7.001 | 102.6E6  | 94792608 | 41.526   | 43.211     |
| 20)                         | A Methoxychlor  | 6.664 | 7.331 | 50747813 | 50110791 | 44.263   | 47.982     |
| 21)                         | B Endrin ke...  | 6.877 | 7.466 | 126.8E6  | 122.4E6  | 47.164   | 51.859     |
| 22)                         | Mirex           | 7.050 | 7.901 | 95992280 | 88107984 | 47.141   | 52.935     |
| 23)                         | Chlordane-1     | 0.000 | 4.748 | 0        | 1183682  | N.D.     | 10.495 #   |
| 24)                         | Chlordane-2     | 0.000 | 5.230 | 0        | 156.5E6  | N.D.     | 1436.748 # |
| 25)                         | Chlordane-3     | 5.157 | 5.847 | 165.3E6  | 160.5E6  | 554.175  | 393.757 #  |
| 26)                         | Chlordane-4     | 5.213 | 5.917 | 153.3E6  | 141.4E6  | 562.720  | 293.895 #  |
| 27)                         | Chlordane-5     | 6.022 | 6.734 | 119.2E6  | 89523    | 1192.146 | 1.119 #    |
| -----                       |                 |       |       |          |          |          |            |

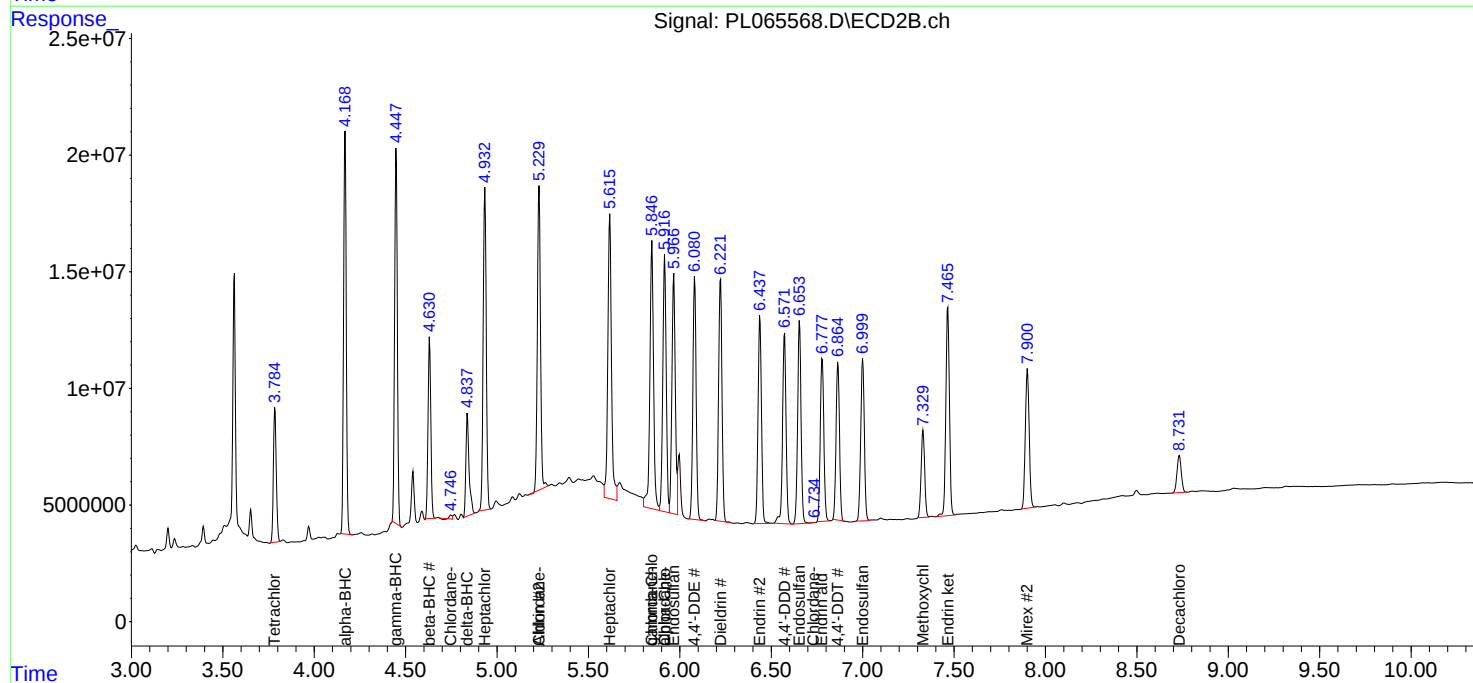
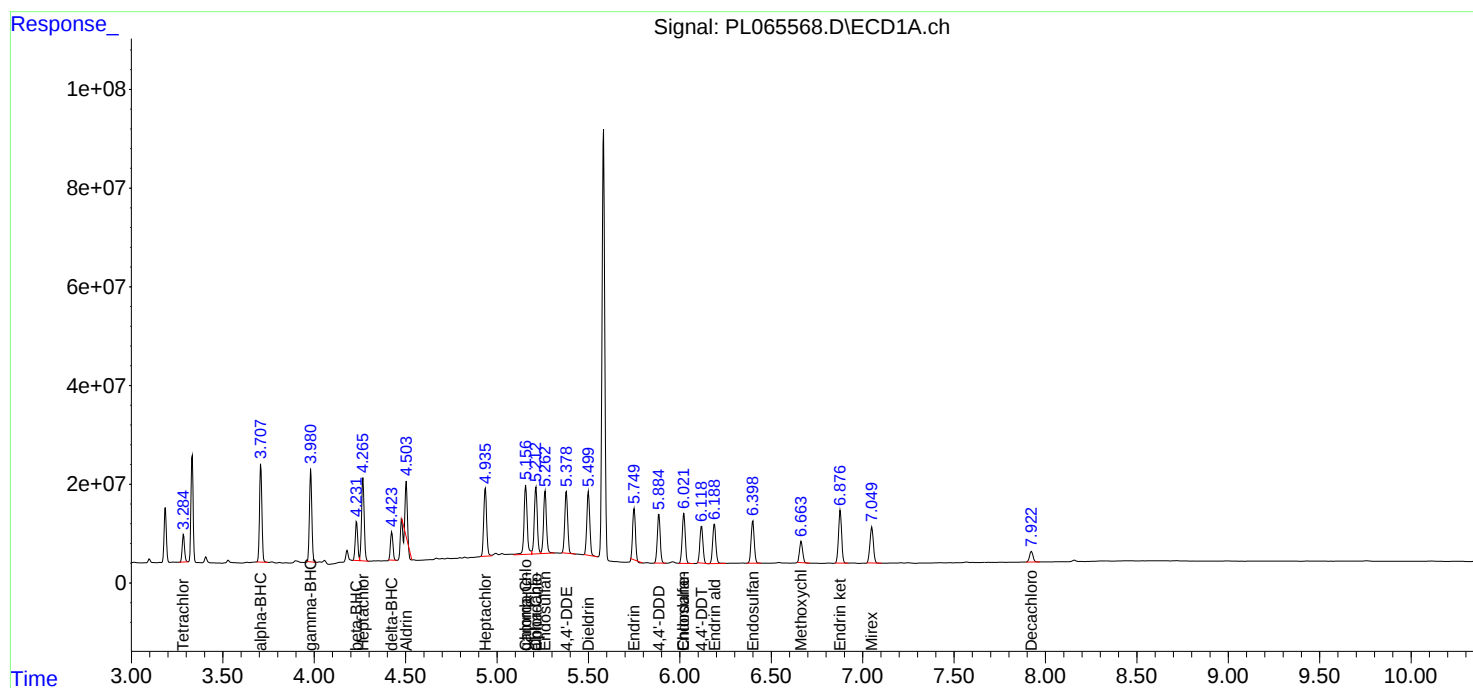
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

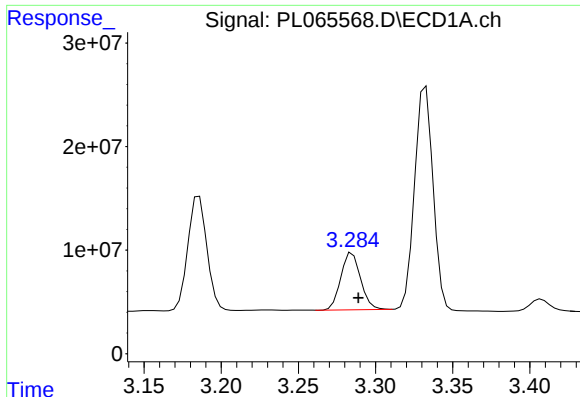
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032521\  
Data File : PL065568.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Mar 2021 16:48  
Operator : AR\AJ  
Sample : M1792-04MSD  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 26 02:19:41 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031821.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 19 02:14:11 2021  
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

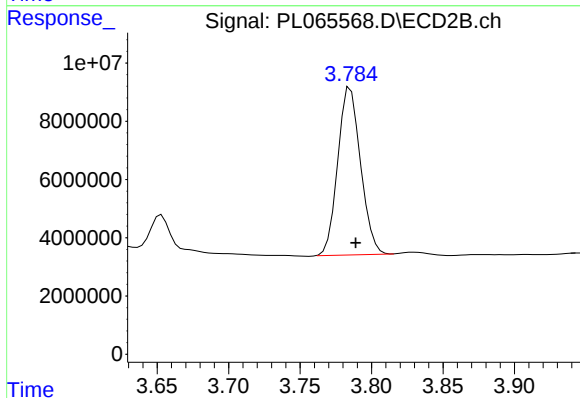




#1 Tetrachloro-m-xylene

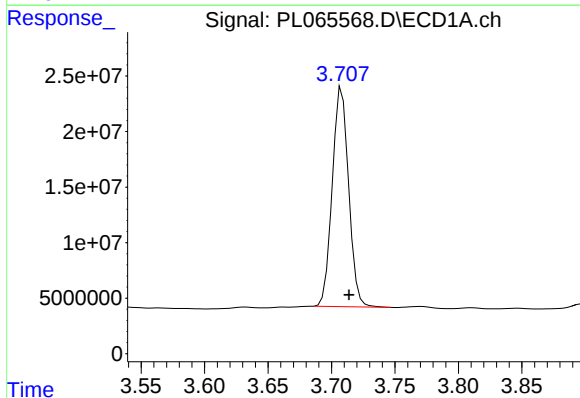
R.T.: 3.285 min  
Delta R.T.: -0.004 min  
Response: 48961077  
Conc: 20.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



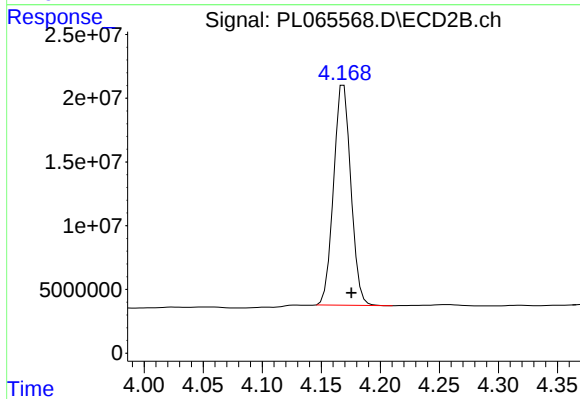
#1 Tetrachloro-m-xylene

R.T.: 3.785 min  
Delta R.T.: -0.004 min  
Response: 63932899  
Conc: 23.29 ng/ml



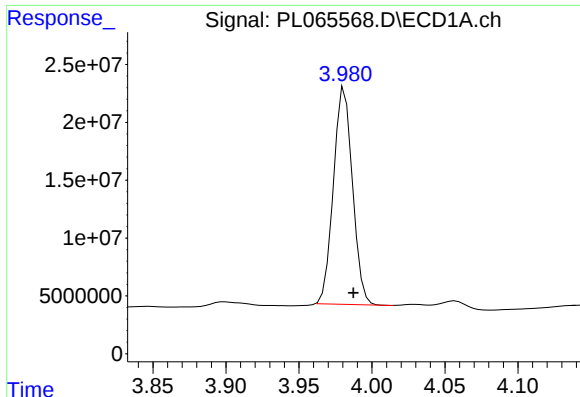
#2 alpha-BHC

R.T.: 3.708 min  
Delta R.T.: -0.006 min  
Response: 177628278  
Conc: 47.51 ng/ml



#2 alpha-BHC

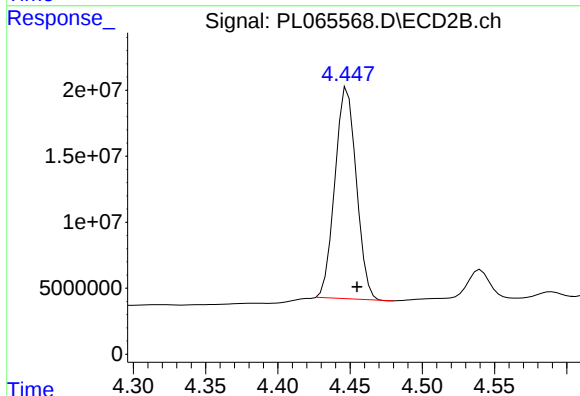
R.T.: 4.169 min  
Delta R.T.: -0.006 min  
Response: 175767246  
Conc: 43.25 ng/ml



#3 gamma-BHC (Lindane)

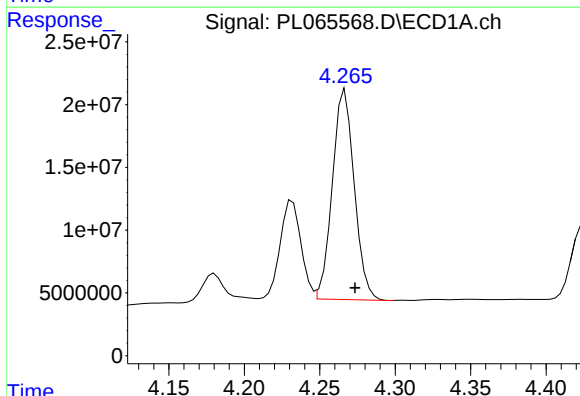
R.T.: 3.981 min  
Delta R.T.: -0.006 min  
Response: 170152590  
Conc: 49.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



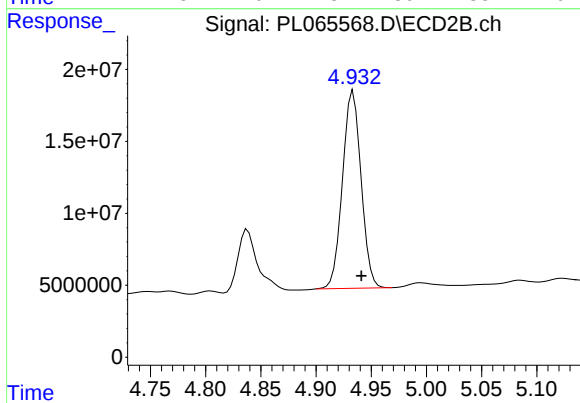
#3 gamma-BHC (Lindane)

R.T.: 4.448 min  
Delta R.T.: -0.007 min  
Response: 164702132  
Conc: 45.10 ng/ml



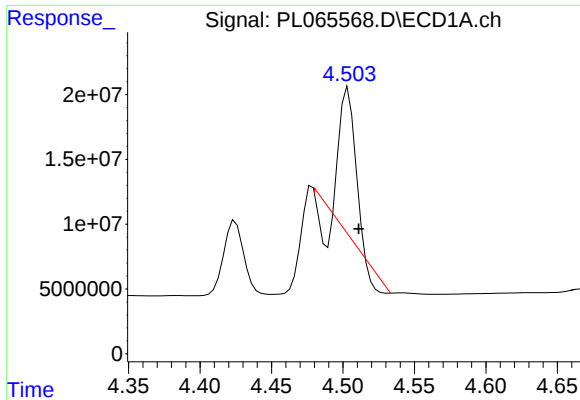
#4 Heptachlor

R.T.: 4.267 min  
Delta R.T.: -0.007 min  
Response: 168809911  
Conc: 51.58 ng/ml



#4 Heptachlor

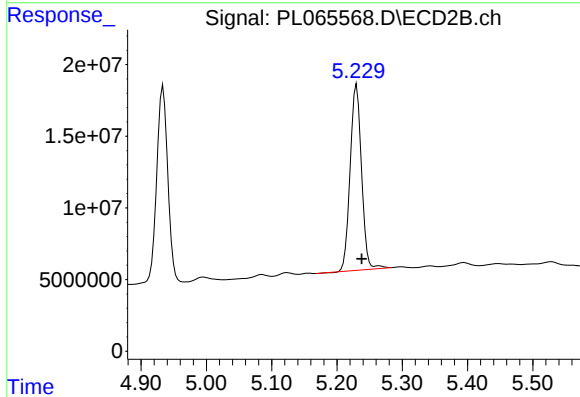
R.T.: 4.934 min  
Delta R.T.: -0.007 min  
Response: 160851985  
Conc: 48.24 ng/ml



#5 Aldrin

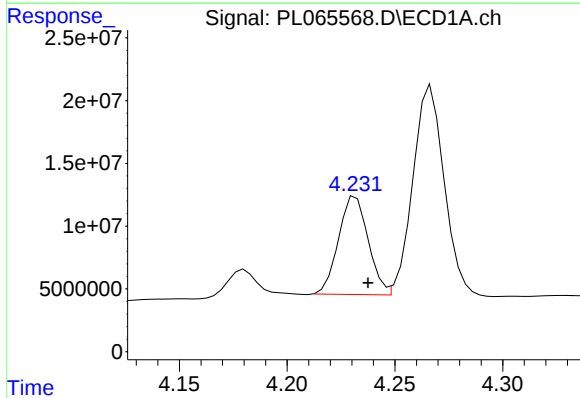
R.T.: 4.504 min  
Delta R.T.: -0.007 min  
Response: 67134579  
Conc: 21.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



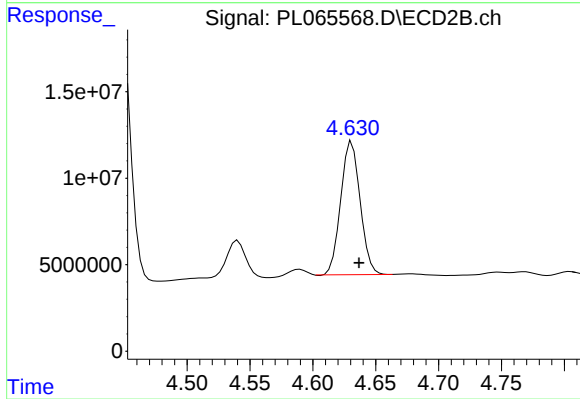
#5 Aldrin

R.T.: 5.230 min  
Delta R.T.: -0.008 min  
Response: 156480676  
Conc: 47.78 ng/ml



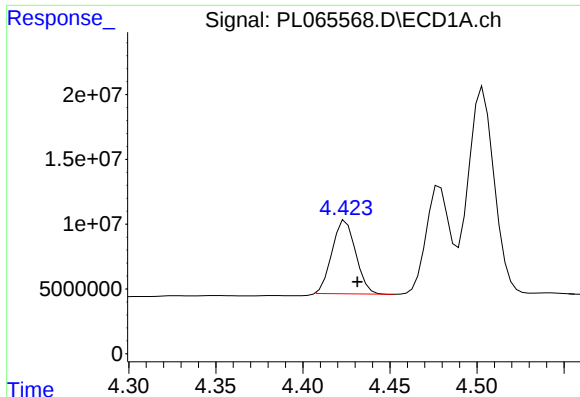
#6 beta-BHC

R.T.: 4.232 min  
Delta R.T.: -0.006 min  
Response: 74813367  
Conc: 52.90 ng/ml



#6 beta-BHC

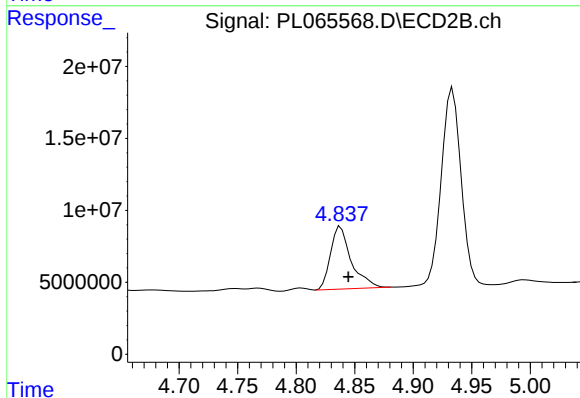
R.T.: 4.631 min  
Delta R.T.: -0.006 min  
Response: 82709425  
Conc: 48.01 ng/ml



#7 delta-BHC

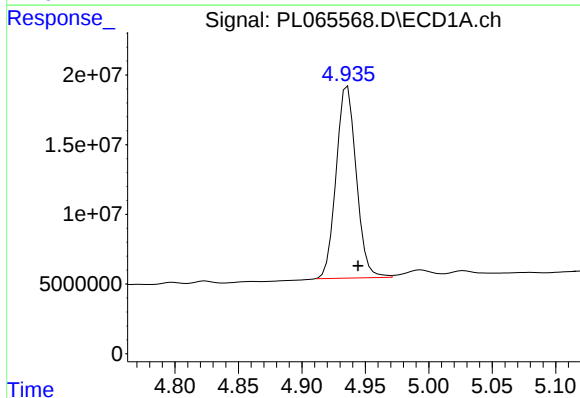
R.T.: 4.425 min  
Delta R.T.: -0.007 min  
Response: 53632533  
Conc: 16.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



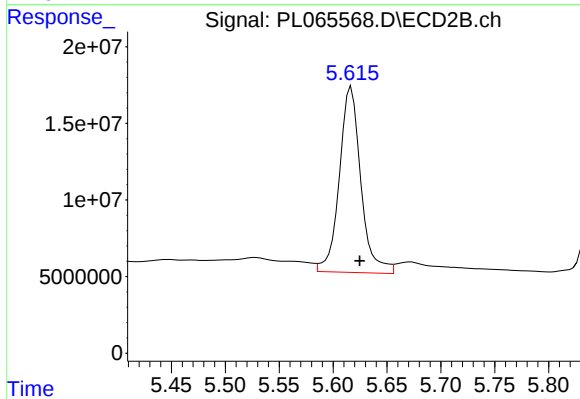
#7 delta-BHC

R.T.: 4.838 min  
Delta R.T.: -0.007 min  
Response: 53650624  
Conc: 17.95 ng/ml



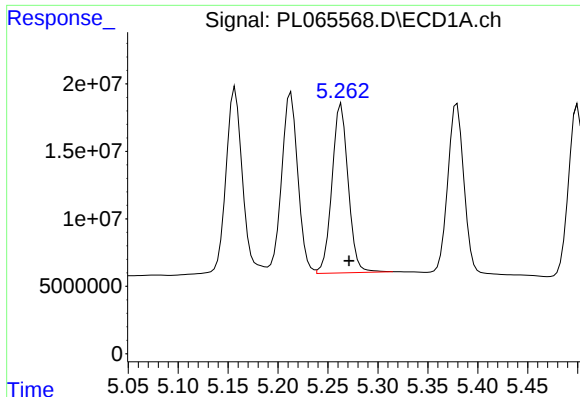
#8 Heptachlor epoxide

R.T.: 4.936 min  
Delta R.T.: -0.008 min  
Response: 152196632  
Conc: 51.47 ng/ml



#8 Heptachlor epoxide

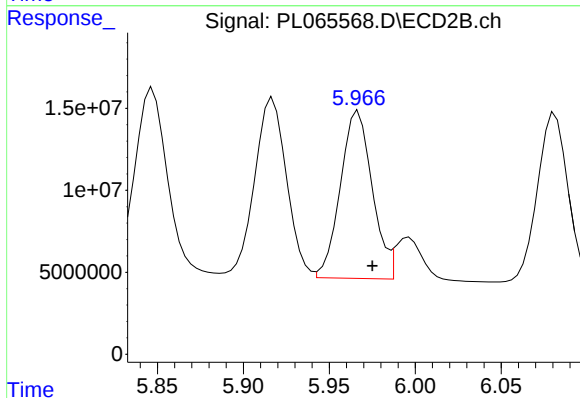
R.T.: 5.617 min  
Delta R.T.: -0.008 min  
Response: 168284079  
Conc: 58.21 ng/ml



#9 Endosulfan I

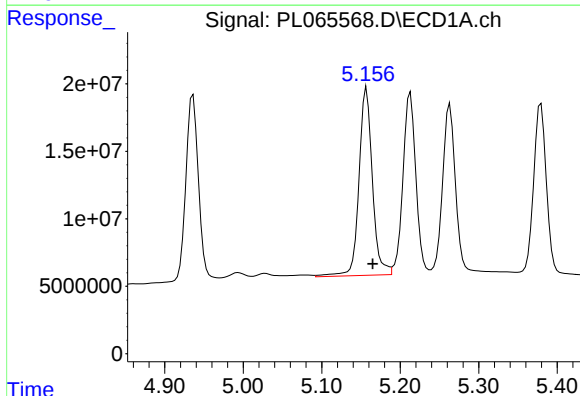
R.T.: 5.263 min  
Delta R.T.: -0.008 min  
Response: 142003747  
Conc: 52.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



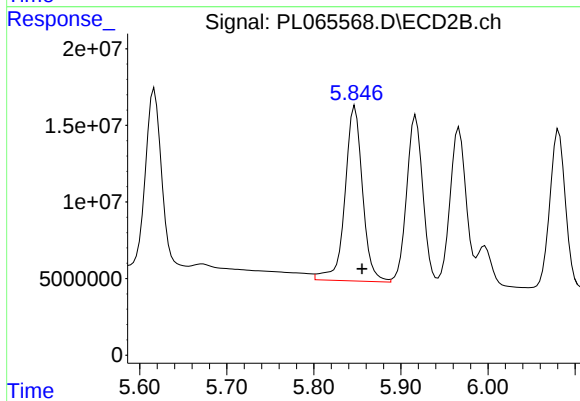
#9 Endosulfan I

R.T.: 5.967 min  
Delta R.T.: -0.008 min  
Response: 131880885  
Conc: 50.09 ng/ml



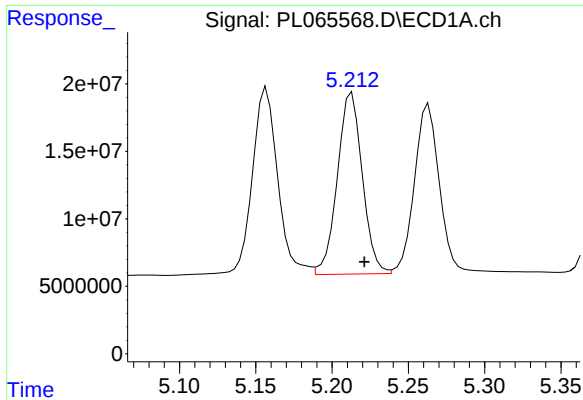
#10 gamma-Chlordane

R.T.: 5.157 min  
Delta R.T.: -0.008 min  
Response: 165349517  
Conc: 56.00 ng/ml



#10 gamma-Chlordane

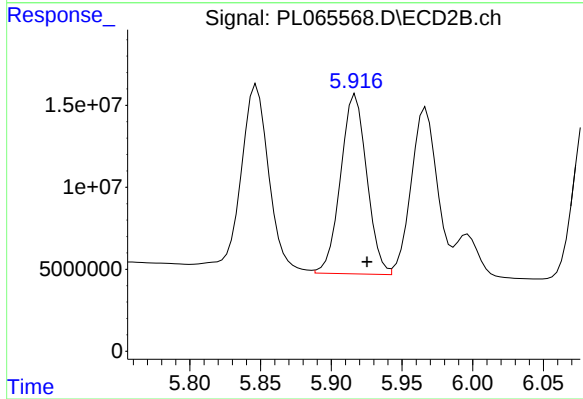
R.T.: 5.847 min  
Delta R.T.: -0.008 min  
Response: 160505640  
Conc: 57.52 ng/ml



#11 alpha-Chlordane

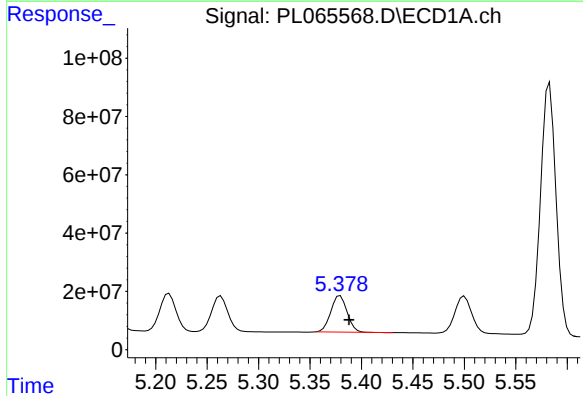
R.T.: 5.213 min  
Delta R.T.: -0.008 min  
Response: 153304240  
Conc: 52.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



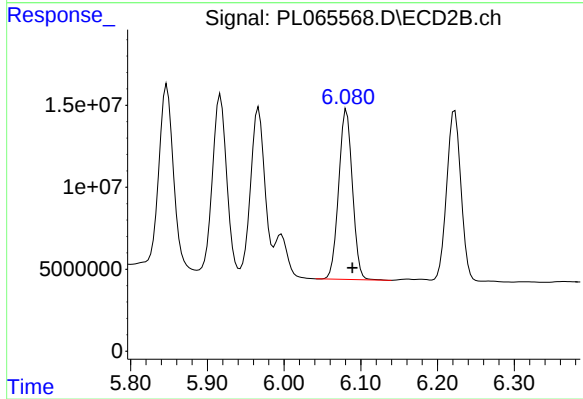
#11 alpha-Chlordane

R.T.: 5.917 min  
Delta R.T.: -0.008 min  
Response: 141384910  
Conc: 50.94 ng/ml



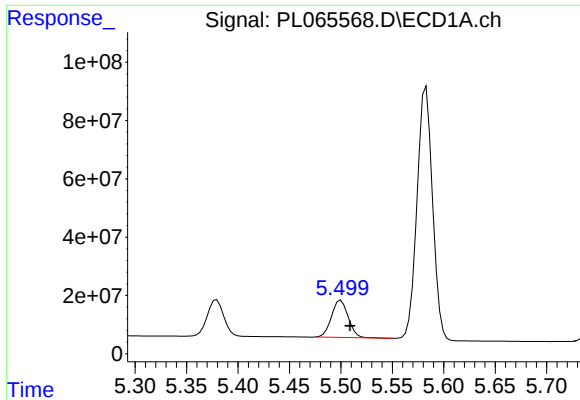
#12 4,4'-DDE

R.T.: 5.379 min  
Delta R.T.: -0.009 min  
Response: 137857077  
Conc: 52.39 ng/ml



#12 4,4'-DDE

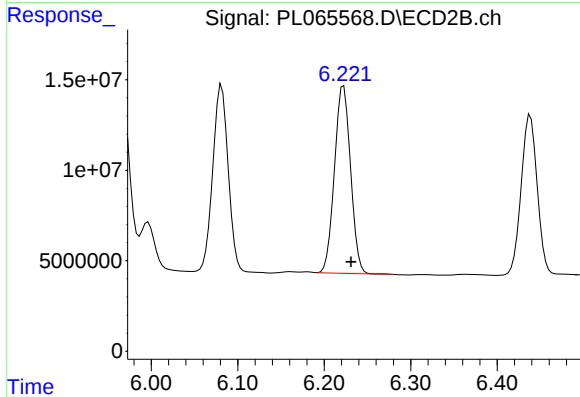
R.T.: 6.081 min  
Delta R.T.: -0.008 min  
Response: 128805002  
Conc: 51.71 ng/ml



#13 Dieldrin

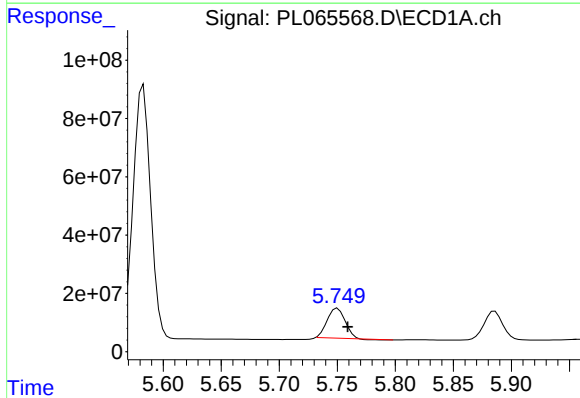
R.T.: 5.500 min  
Delta R.T.: -0.009 min  
Response: 143524391  
Conc: 51.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



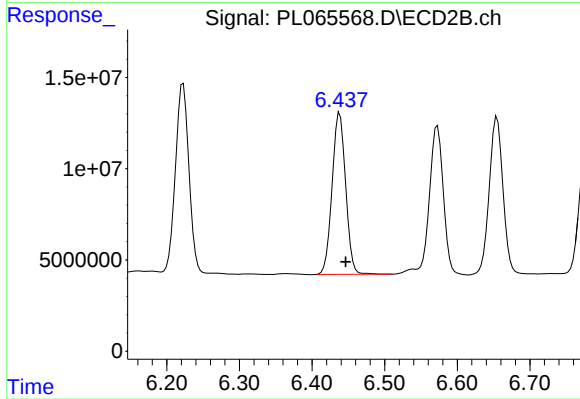
#13 Dieldrin

R.T.: 6.223 min  
Delta R.T.: -0.009 min  
Response: 133169953  
Conc: 48.96 ng/ml



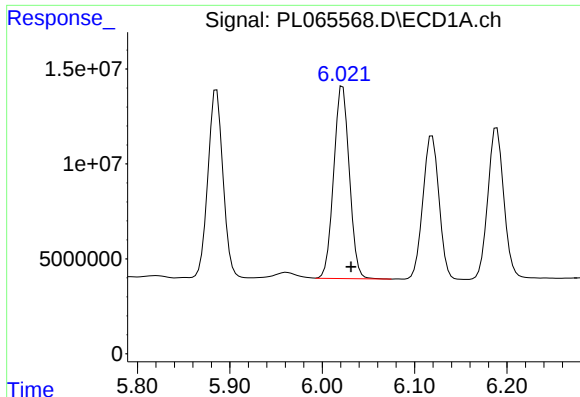
#14 Endrin

R.T.: 5.750 min  
Delta R.T.: -0.009 min  
Response: 107355636  
Conc: 42.99 ng/ml



#14 Endrin

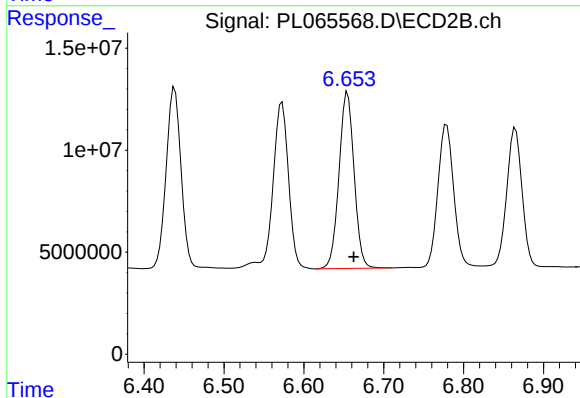
R.T.: 6.438 min  
Delta R.T.: -0.008 min  
Response: 114946798  
Conc: 52.04 ng/ml



#15 Endosulfan II

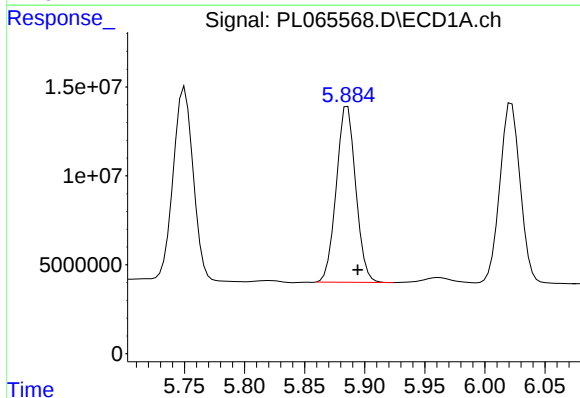
R.T.: 6.022 min  
Delta R.T.: -0.009 min  
Response: 119187656  
Conc: 48.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



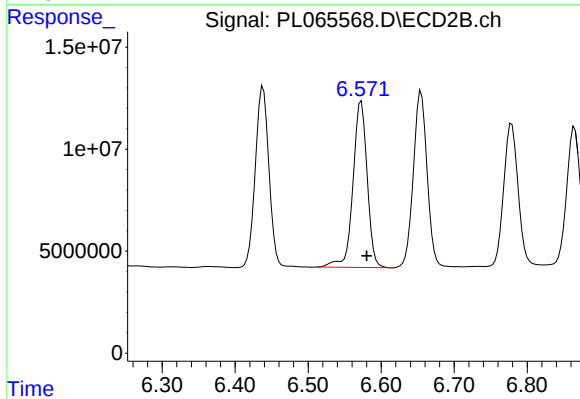
#15 Endosulfan II

R.T.: 6.655 min  
Delta R.T.: -0.008 min  
Response: 113440408  
Conc: 50.25 ng/ml



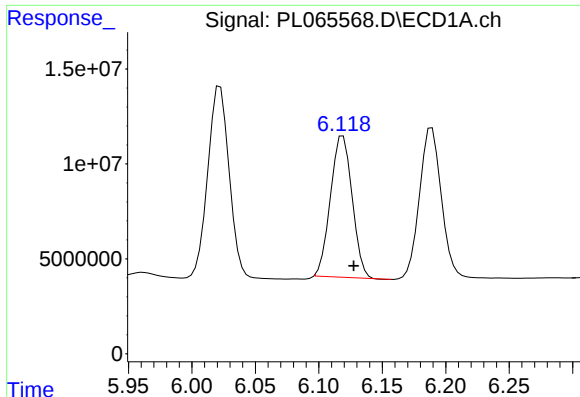
#16 4,4'-DDD

R.T.: 5.886 min  
Delta R.T.: -0.009 min  
Response: 111315151  
Conc: 50.37 ng/ml



#16 4,4'-DDD

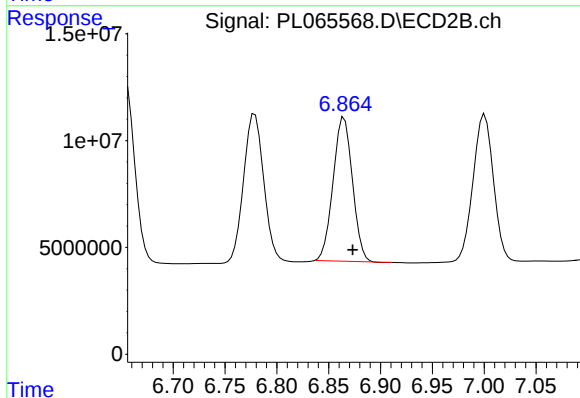
R.T.: 6.573 min  
Delta R.T.: -0.007 min  
Response: 110327911  
Conc: 50.16 ng/ml



#17 4,4'-DDT

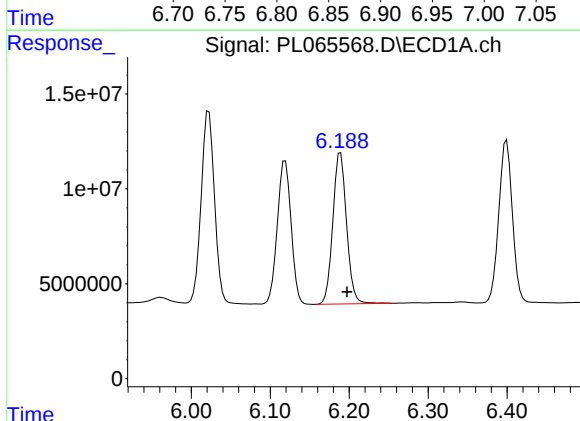
R.T.: 6.119 min  
Delta R.T.: -0.009 min  
Response: 88499900  
Conc: 46.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



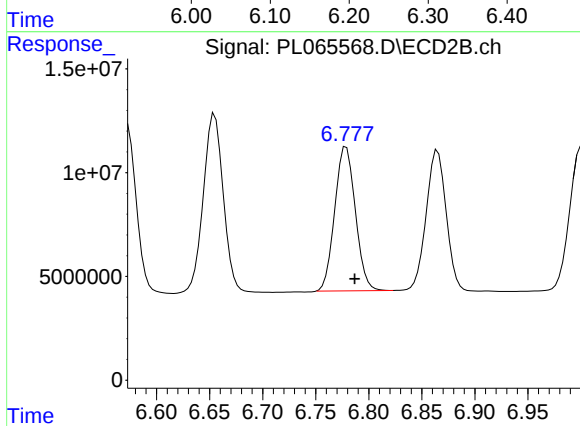
#17 4,4'-DDT

R.T.: 6.865 min  
Delta R.T.: -0.008 min  
Response: 87286121  
Conc: 44.47 ng/ml



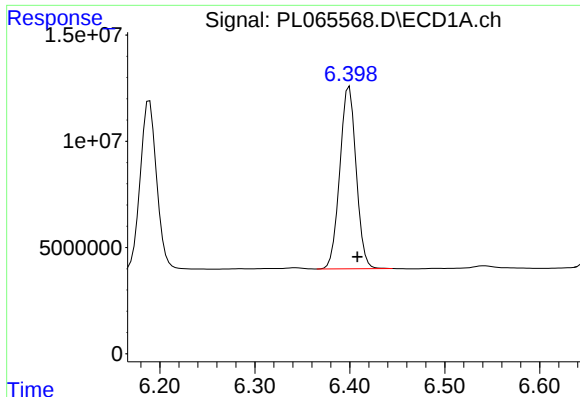
#18 Endrin aldehyde

R.T.: 6.189 min  
Delta R.T.: -0.008 min  
Response: 96118232  
Conc: 50.05 ng/ml



#18 Endrin aldehyde

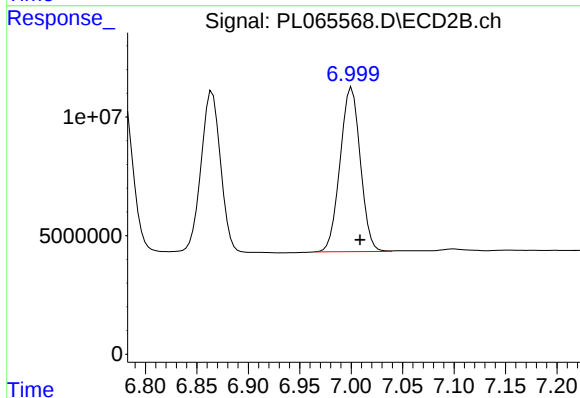
R.T.: 6.779 min  
Delta R.T.: -0.008 min  
Response: 94035165  
Conc: 53.68 ng/ml



#19 Endosulfan Sulfate

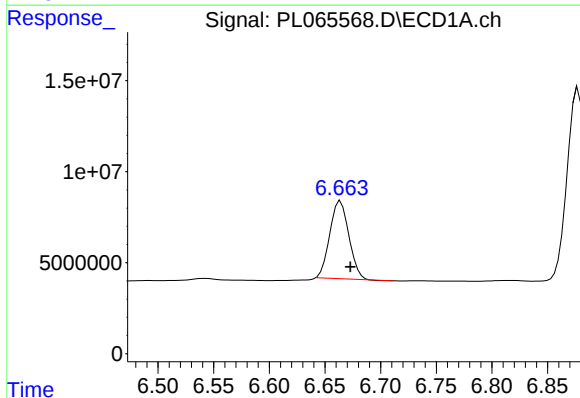
R.T.: 6.400 min  
Delta R.T.: -0.009 min  
Response: 102631111  
Conc: 41.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



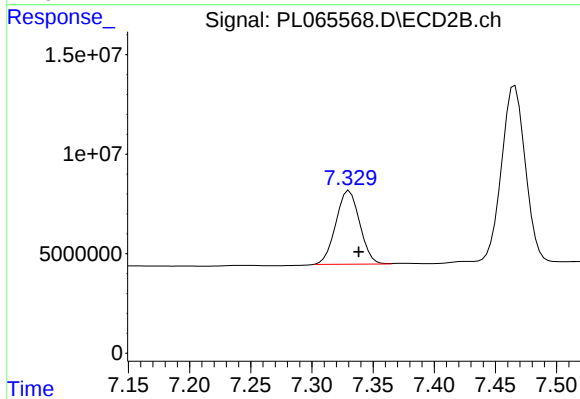
#19 Endosulfan Sulfate

R.T.: 7.001 min  
Delta R.T.: -0.008 min  
Response: 94792608  
Conc: 43.21 ng/ml



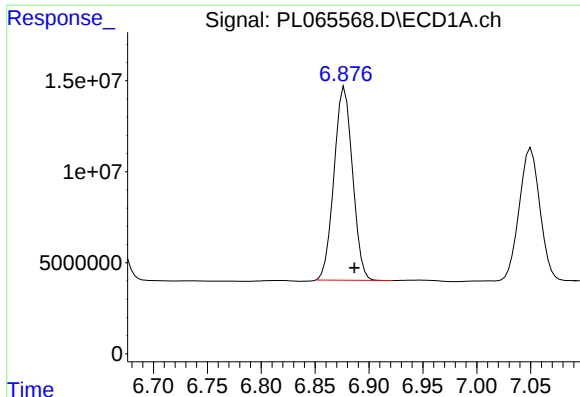
#20 Methoxychlor

R.T.: 6.664 min  
Delta R.T.: -0.009 min  
Response: 50747813  
Conc: 44.26 ng/ml



#20 Methoxychlor

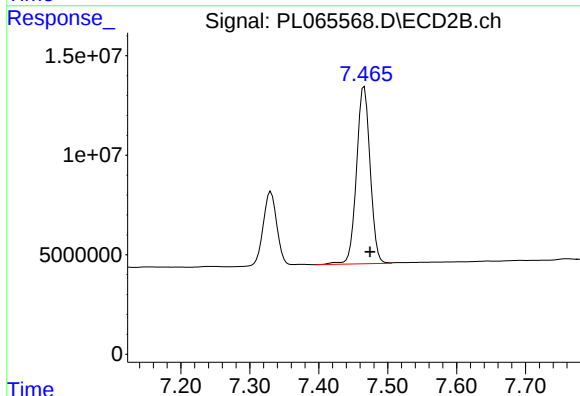
R.T.: 7.331 min  
Delta R.T.: -0.008 min  
Response: 50110791  
Conc: 47.98 ng/ml



#21 Endrin ketone

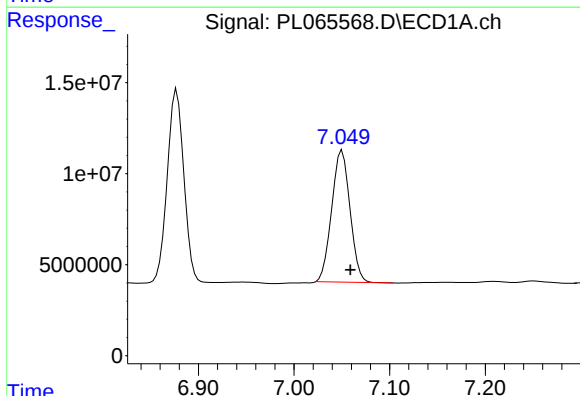
R.T.: 6.877 min  
Delta R.T.: -0.009 min  
Response: 126774592  
Conc: 47.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



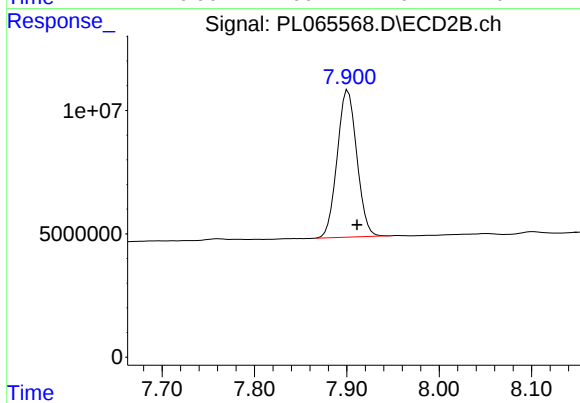
#21 Endrin ketone

R.T.: 7.466 min  
Delta R.T.: -0.008 min  
Response: 122351349  
Conc: 51.86 ng/ml



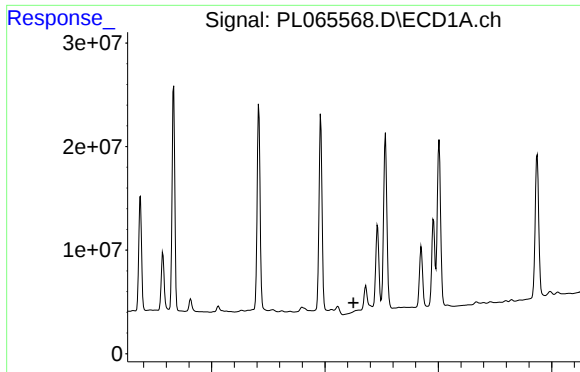
#22 Mirex

R.T.: 7.050 min  
Delta R.T.: -0.009 min  
Response: 95992280  
Conc: 47.14 ng/ml



#22 Mirex

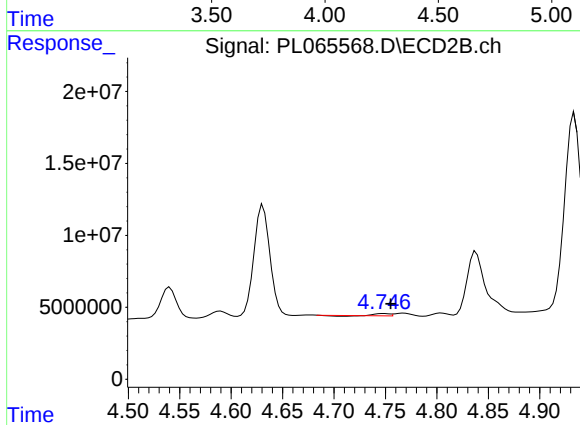
R.T.: 7.901 min  
Delta R.T.: -0.010 min  
Response: 88107984  
Conc: 52.93 ng/ml



#23 Chlordane-1

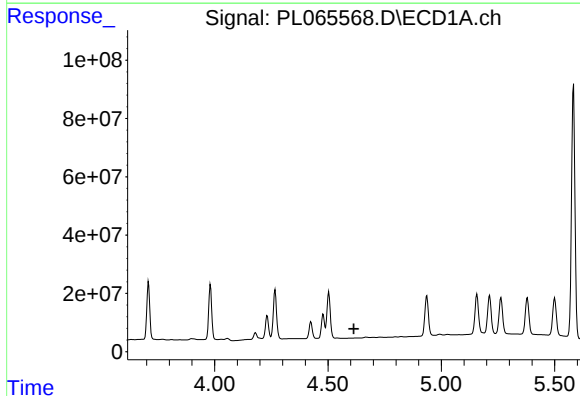
R.T.: 0.000 min  
Exp R.T.: 4.126 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



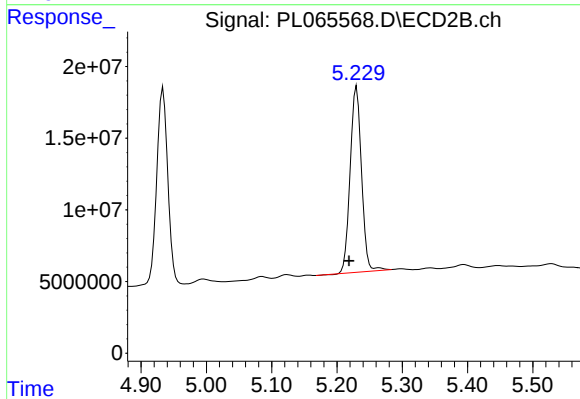
#23 Chlordane-1

R.T.: 4.748 min  
Delta R.T.: -0.007 min  
Response: 1183682  
Conc: 10.49 ng/ml



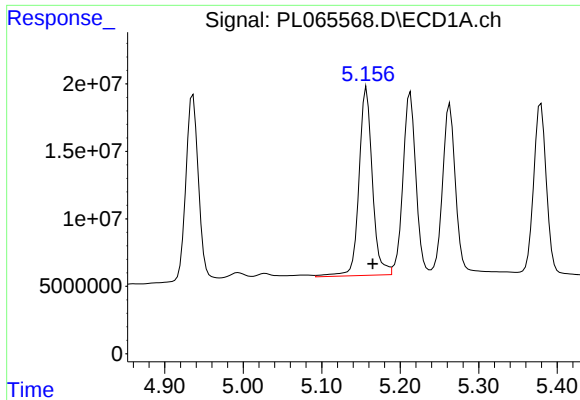
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 4.614 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

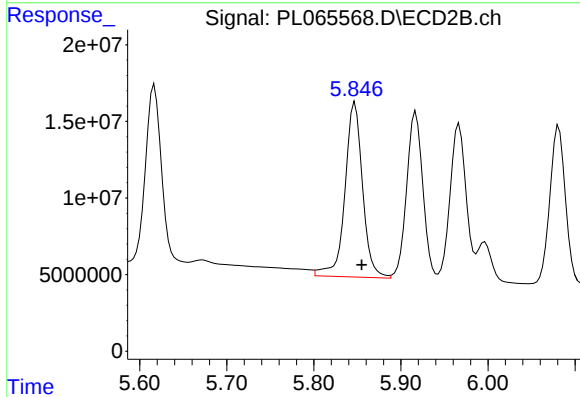
R.T.: 5.230 min  
Delta R.T.: 0.012 min  
Response: 156480676  
Conc: 1436.75 ng/ml



#25 Chlordane-3

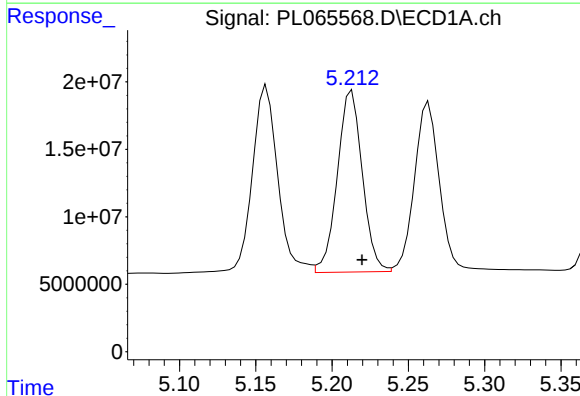
R.T.: 5.157 min  
Delta R.T.: -0.008 min  
Response: 165349517  
Conc: 554.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



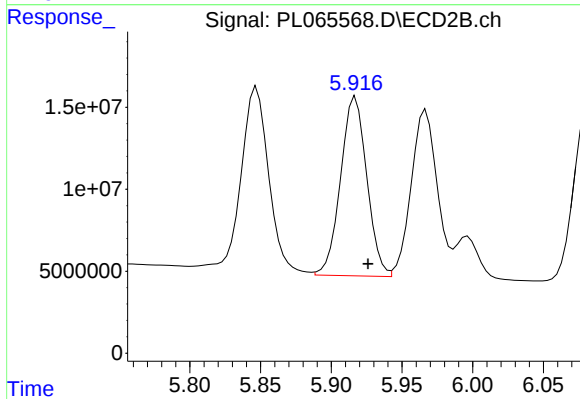
#25 Chlordane-3

R.T.: 5.847 min  
Delta R.T.: -0.008 min  
Response: 160505640  
Conc: 393.76 ng/ml



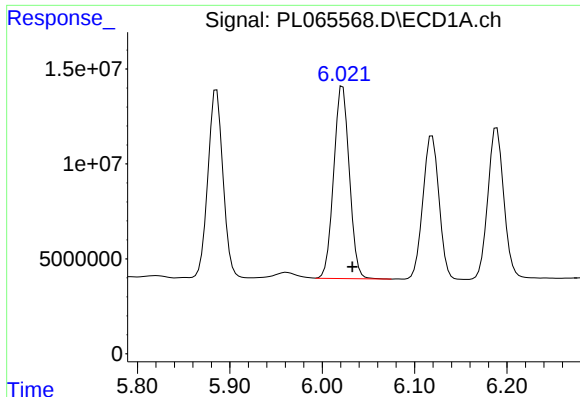
#26 Chlordane-4

R.T.: 5.213 min  
Delta R.T.: -0.007 min  
Response: 153304240  
Conc: 562.72 ng/ml



#26 Chlordane-4

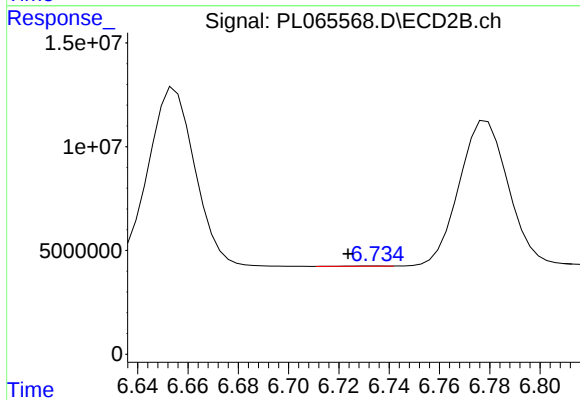
R.T.: 5.917 min  
Delta R.T.: -0.009 min  
Response: 141384910  
Conc: 293.90 ng/ml



#27 Chlordane-5

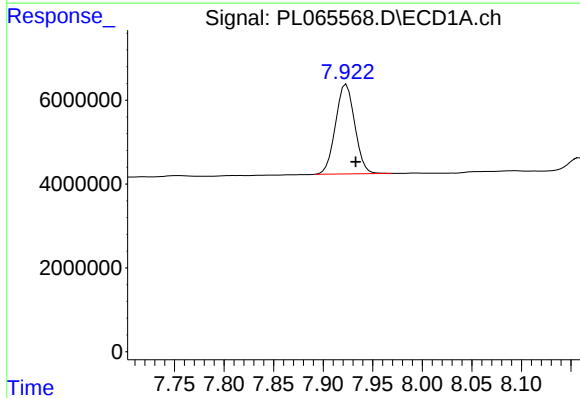
R.T.: 6.022 min  
Delta R.T.: -0.010 min  
Response: 119187656  
Conc: 1192.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



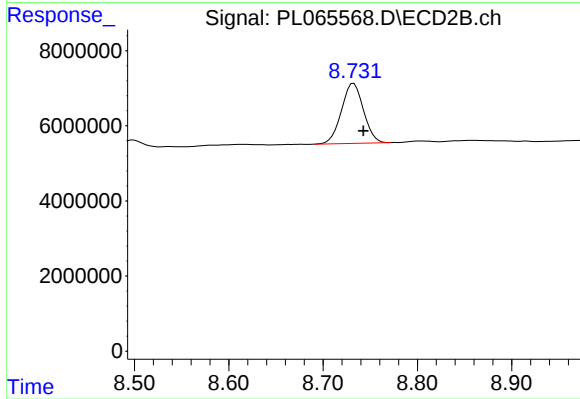
#27 Chlordane-5

R.T.: 6.734 min  
Delta R.T.: 0.010 min  
Response: 89523  
Conc: 1.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.923 min  
Delta R.T.: -0.010 min  
Response: 28887752  
Conc: 11.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.732 min  
Delta R.T.: -0.010 min  
Response: 25924275  
Conc: 13.08 ng/ml