

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062023\  
 Data File : PL083577.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jun 2023 13:54  
 Operator : AR\AJ  
 Sample : 03302-03MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 20 22:33:38 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 17 12:34:26 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... | 3.452  | 2.753 | 52832097 | 43539468 | 23.903  | 18.692     |
| 28)                         | SA Decachlor... | 8.989  | 7.960 | 37106815 | 51878102 | 19.473  | 21.122     |
| Target Compounds            |                 |        |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.909  | 3.263 | 136.7E6  | 158.0E6  | 43.895  | 46.792     |
| 3)                          | MA gamma-BHC... | 4.242  | 3.596 | 129.6E6  | 156.5E6  | 45.459  | 48.749     |
| 4)                          | MA Heptachlor   | 4.834  | 3.942 | 129.4E6  | 152.4E6  | 46.814  | 49.223     |
| 5)                          | MB Aldrin       | 5.176  | 4.225 | 122.3E6  | 148.2E6  | 47.049  | 49.224     |
| 6)                          | B beta-BHC      | 4.441  | 3.897 | 61059383 | 70578823 | 47.195  | 47.292     |
| 7)                          | B delta-BHC     | 4.687  | 4.129 | 89781166 | 109.6E6  | 32.573  | 33.988     |
| 8)                          | B Heptachlo...  | 5.605  | 4.734 | 115.5E6  | 124.8E6  | 45.501  | 43.472     |
| 9)                          | A Endosulfan I  | 5.990  | 5.106 | 108.3E6  | 134.3E6  | 48.601  | 49.846     |
| 10)                         | B gamma-Chl...  | 5.862  | 4.988 | 116.5E6  | 146.0E6  | 48.427  | 49.335     |
| 11)                         | B alpha-Chl...  | 5.942  | 5.053 | 115.4E6  | 145.7E6  | 48.734  | 49.238     |
| 12)                         | B 4,4'-DDE      | 6.121  | 5.249 | 102.8E6  | 134.0E6  | 50.936  | 52.471     |
| 13)                         | MA Dieldrin     | 6.267  | 5.374 | 110.8E6  | 142.4E6  | 49.334  | 50.773     |
| 14)                         | MA Endrin       | 6.496  | 5.650 | 94358059 | 123.7E6  | 53.465  | 53.612     |
| 15)                         | B Endosulfa...  | 6.716  | 5.947 | 92732329 | 121.4E6  | 49.683  | 51.147     |
| 16)                         | A 4,4'-DDD      | 6.638  | 5.808 | 91852037 | 115.4E6  | 53.796  | 52.326     |
| 17)                         | MA 4,4'-DDT     | 6.953  | 6.062 | 85519122 | 105.7E6  | 50.794  | 50.627     |
| 18)                         | B Endrin al...  | 6.846  | 6.129 | 44379713 | 94223536 | 29.938  | 49.854 #   |
| 19)                         | B Endosulfa...  | 7.082  | 6.354 | 93812219 | 117.1E6  | 48.850  | 48.345     |
| 20)                         | A Methoxychlor  | 7.435  | 6.647 | 47941946 | 60757898 | 52.854  | 50.414     |
| 21)                         | B Endrin ke...  | 7.566  | 6.861 | 105.3E6  | 135.7E6  | 49.132  | 48.258     |
| 22)                         | Mirex           | 8.042  | 7.047 | 88774842 | 133.9E6  | 47.564  | 55.659     |
| 23)                         | Chlordane-1     | 0.000  | 3.763 | 0        | 364941   | N.D.    | 3.723 #    |
| 24)                         | Chlordane-2     | 5.129f | 4.363 | 498879   | 366705   | 4.598   | 3.050 #    |
| 25)                         | Chlordane-3     | 5.862  | 4.988 | 116.5E6  | 146.0E6  | 304.887 | 445.495 #  |
| 26)                         | Chlordane-4     | 5.942  | 5.053 | 115.4E6  | 145.7E6  | 249.632 | 432.124 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.947 | 0        | 121.4E6  | N.D.    | 1092.020 # |
| -----                       |                 |        |       |          |          |         |            |

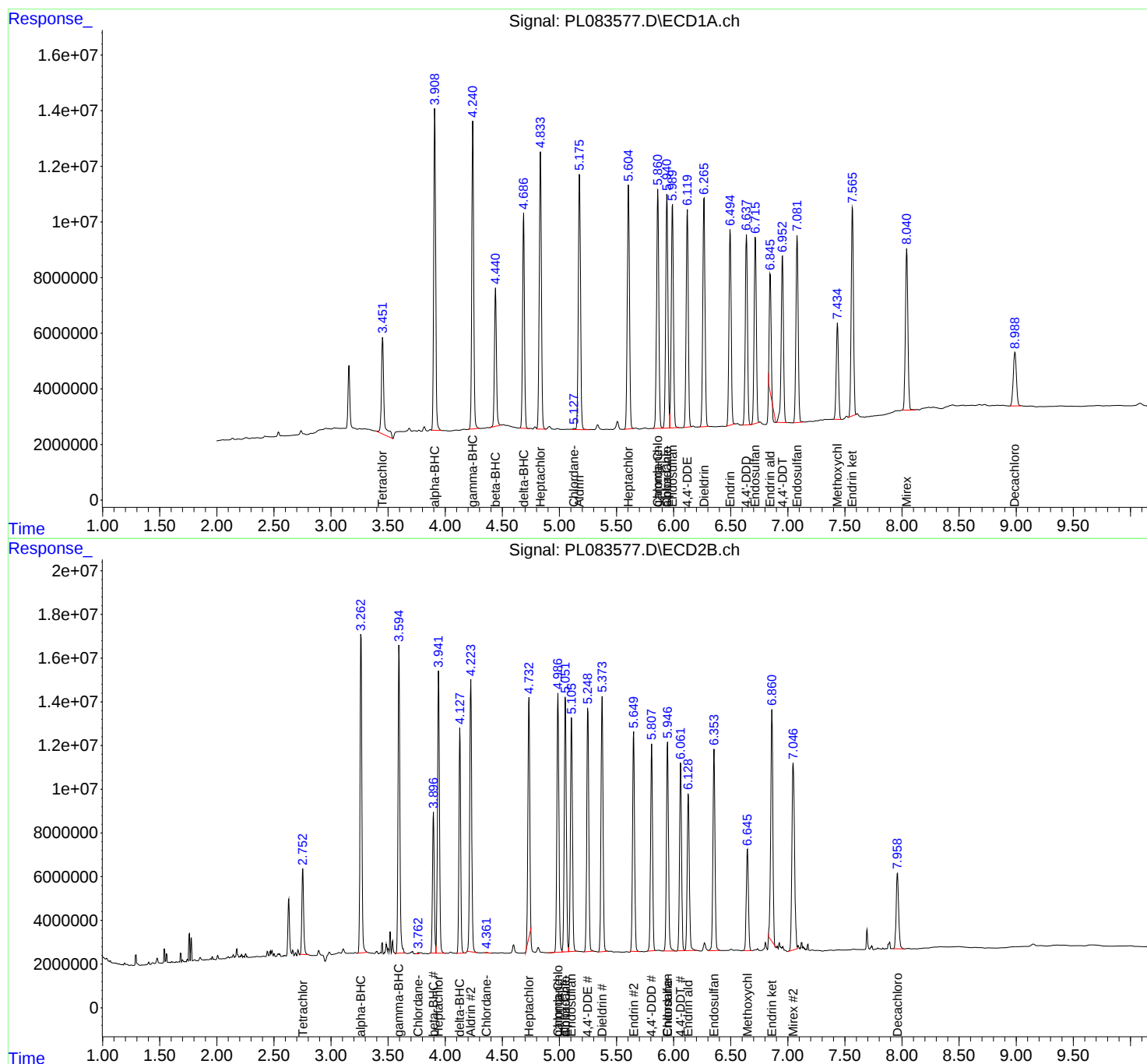
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

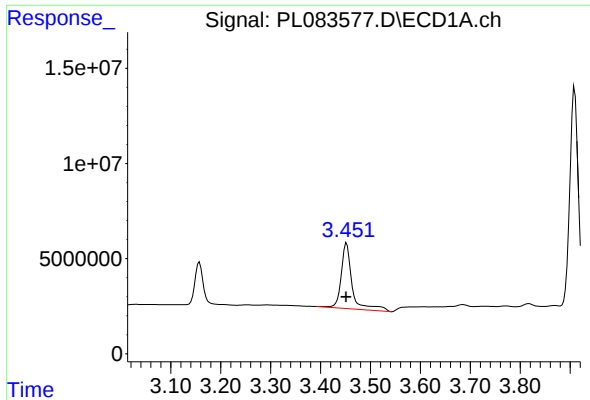
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062023\  
Data File : PL083577.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Jun 2023 13:54  
Operator : AR\AJ  
Sample : 03302-03MS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 20 22:33:38 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061723.M  
Quant Title : GC Extractables  
QLast Update : Sat Jun 17 12:34:26 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

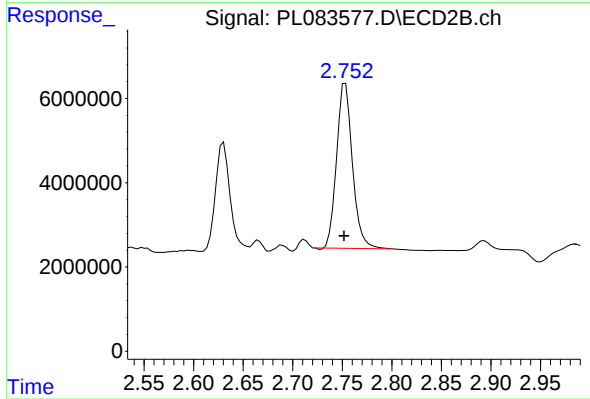




#1 Tetrachloro-m-xylene

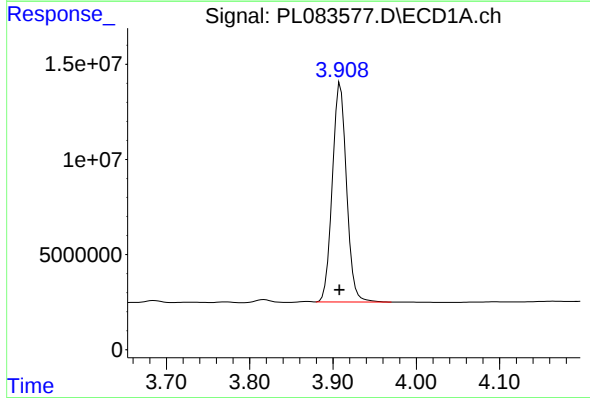
R.T.: 3.452 min  
Delta R.T.: 0.001 min  
Response: 52832097  
Conc: 23.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



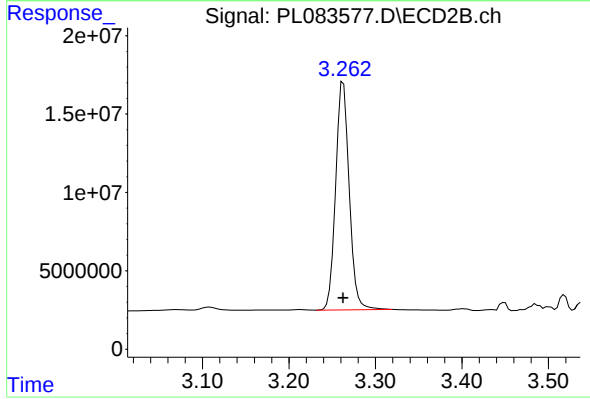
#1 Tetrachloro-m-xylene

R.T.: 2.753 min  
Delta R.T.: 0.001 min  
Response: 43539468  
Conc: 18.69 ng/ml



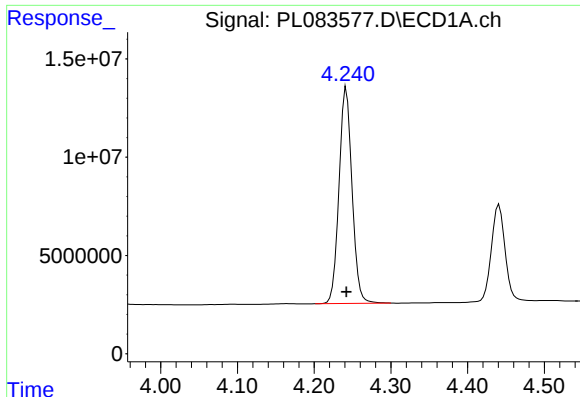
#2 alpha-BHC

R.T.: 3.909 min  
Delta R.T.: 0.001 min  
Response: 136663892  
Conc: 43.90 ng/ml



#2 alpha-BHC

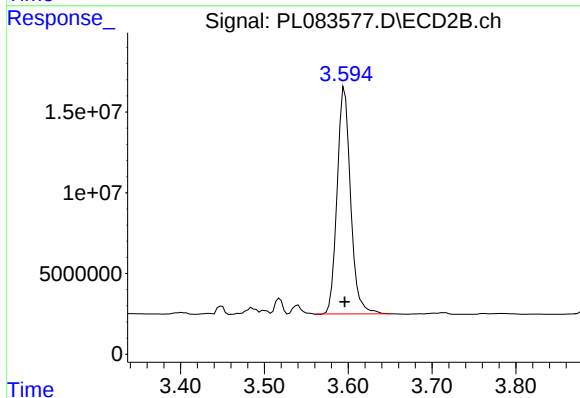
R.T.: 3.263 min  
Delta R.T.: 0.000 min  
Response: 157952555  
Conc: 46.79 ng/ml



#3 gamma-BHC (Lindane)

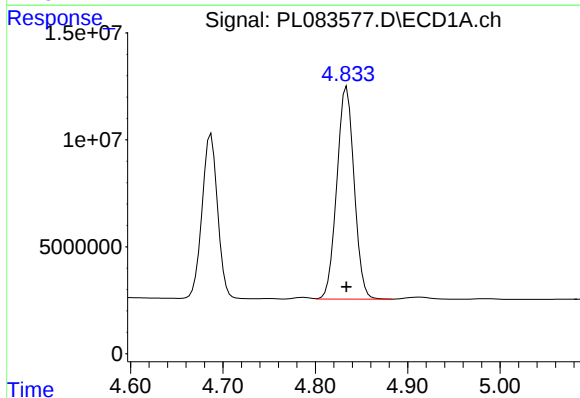
R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 129592313  
Conc: 45.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



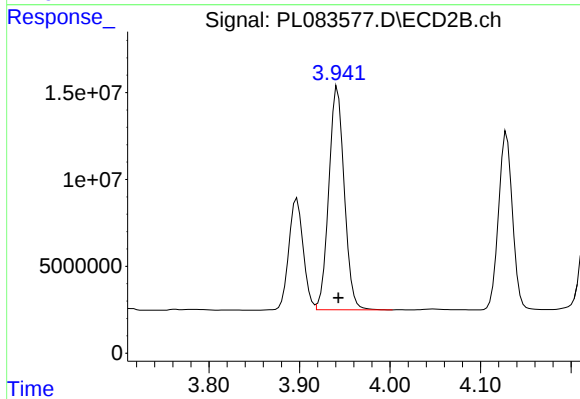
#3 gamma-BHC (Lindane)

R.T.: 3.596 min  
Delta R.T.: 0.000 min  
Response: 156515205  
Conc: 48.75 ng/ml



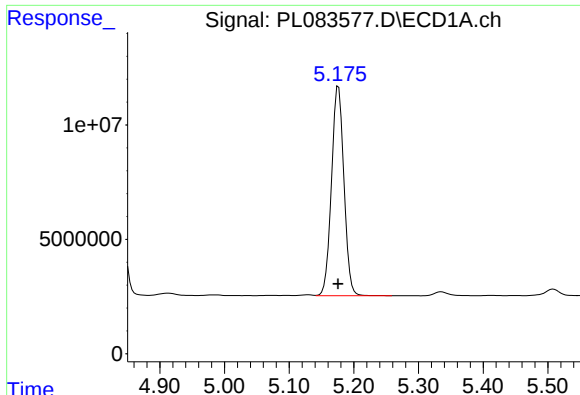
#4 Heptachlor

R.T.: 4.834 min  
Delta R.T.: 0.000 min  
Response: 129436681  
Conc: 46.81 ng/ml



#4 Heptachlor

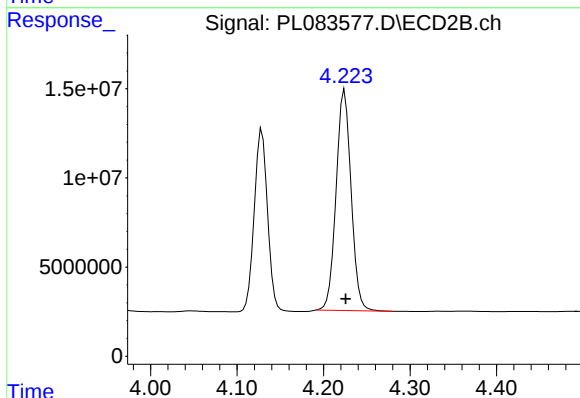
R.T.: 3.942 min  
Delta R.T.: 0.000 min  
Response: 152377882  
Conc: 49.22 ng/ml



#5 Aldrin

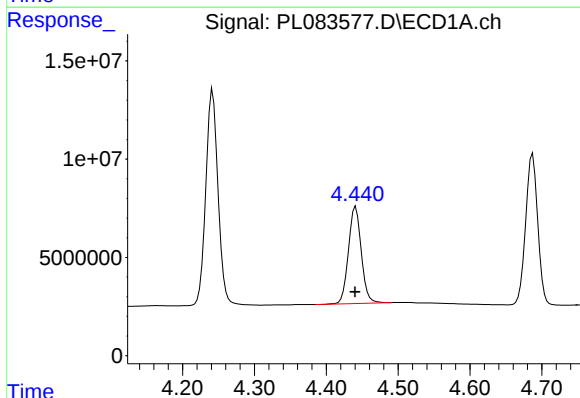
R.T.: 5.176 min  
Delta R.T.: 0.000 min  
Response: 122273038  
Conc: 47.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



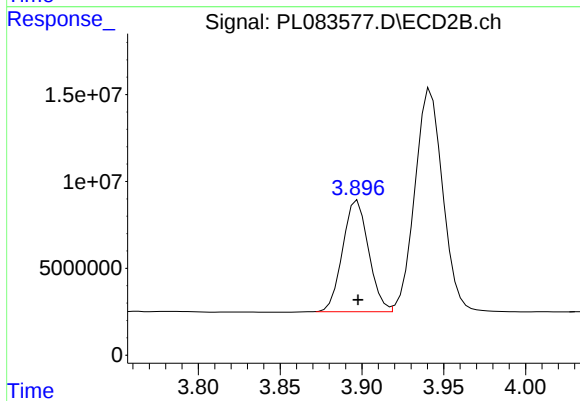
#5 Aldrin

R.T.: 4.225 min  
Delta R.T.: -0.001 min  
Response: 148193624  
Conc: 49.22 ng/ml



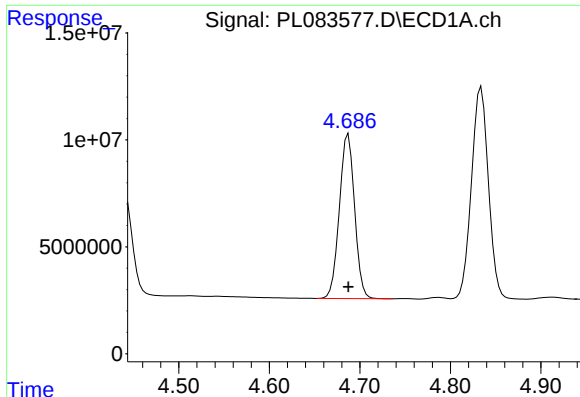
#6 beta-BHC

R.T.: 4.441 min  
Delta R.T.: 0.000 min  
Response: 61059383  
Conc: 47.19 ng/ml



#6 beta-BHC

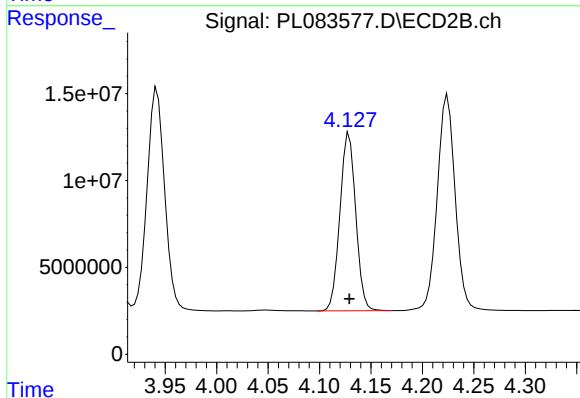
R.T.: 3.897 min  
Delta R.T.: 0.000 min  
Response: 70578823  
Conc: 47.29 ng/ml



#7 delta-BHC

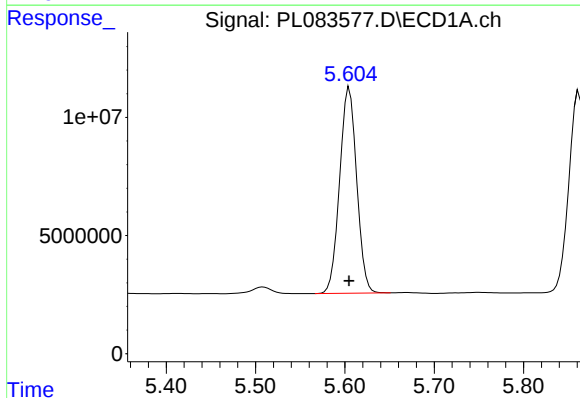
R.T.: 4.687 min  
Delta R.T.: 0.000 min  
Response: 89781166  
Conc: 32.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



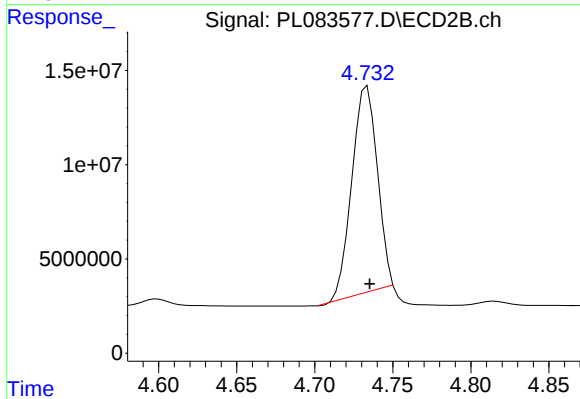
#7 delta-BHC

R.T.: 4.129 min  
Delta R.T.: 0.000 min  
Response: 109551213  
Conc: 33.99 ng/ml



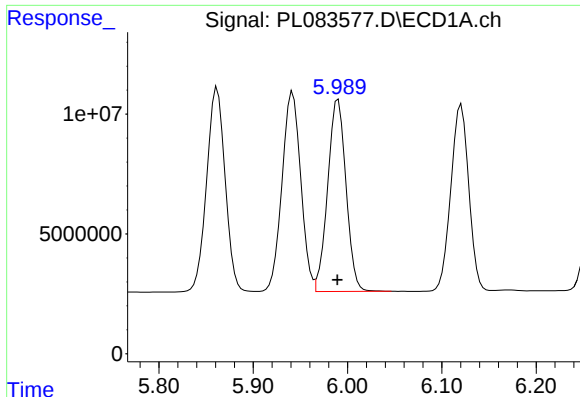
#8 Heptachlor epoxide

R.T.: 5.605 min  
Delta R.T.: 0.000 min  
Response: 115497941  
Conc: 45.50 ng/ml



#8 Heptachlor epoxide

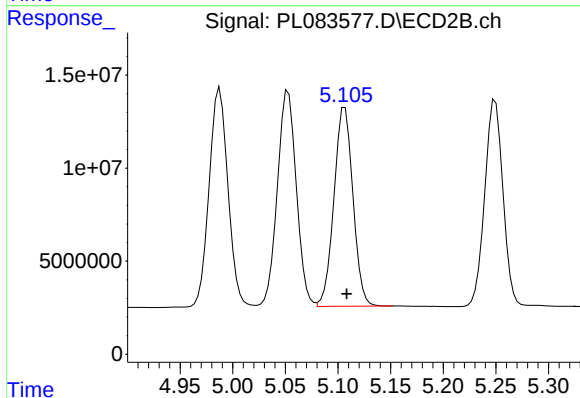
R.T.: 4.734 min  
Delta R.T.: -0.002 min  
Response: 124783202  
Conc: 43.47 ng/ml



#9 Endosulfan I

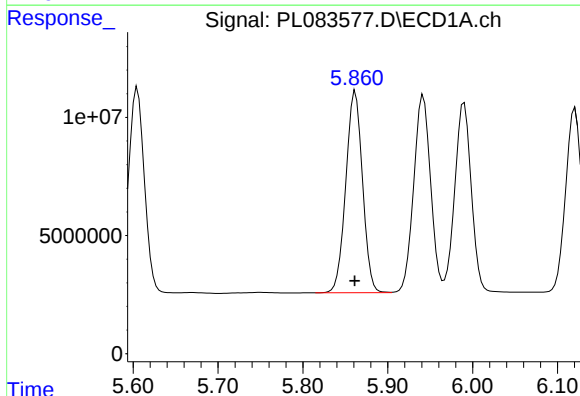
R.T.: 5.990 min  
Delta R.T.: 0.000 min  
Response: 108294457  
Conc: 48.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



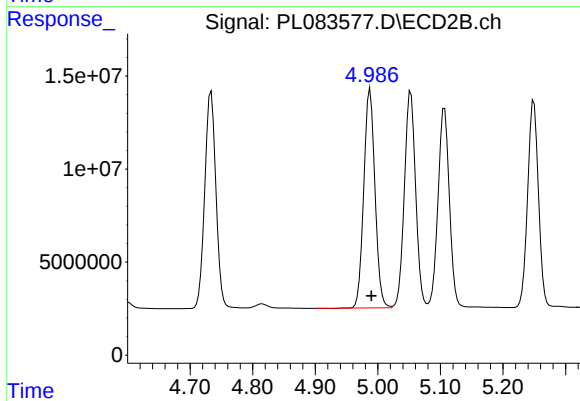
#9 Endosulfan I

R.T.: 5.106 min  
Delta R.T.: -0.002 min  
Response: 134337511  
Conc: 49.85 ng/ml



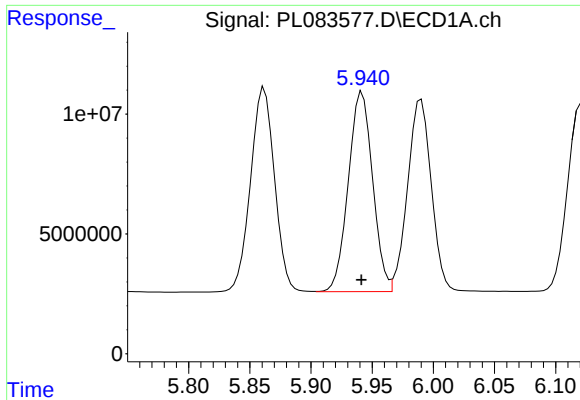
#10 gamma-Chlordane

R.T.: 5.862 min  
Delta R.T.: 0.000 min  
Response: 116498651  
Conc: 48.43 ng/ml



#10 gamma-Chlordane

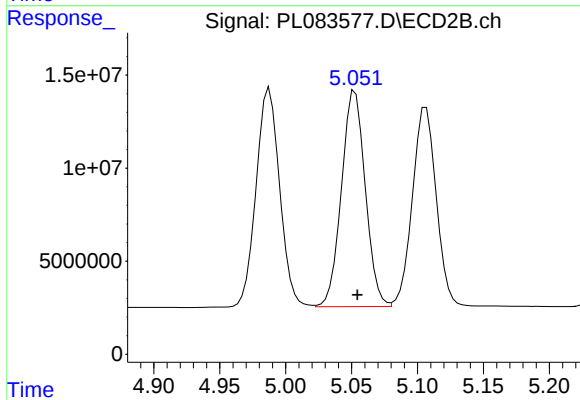
R.T.: 4.988 min  
Delta R.T.: -0.002 min  
Response: 145968563  
Conc: 49.33 ng/ml



#11 alpha-Chlordane

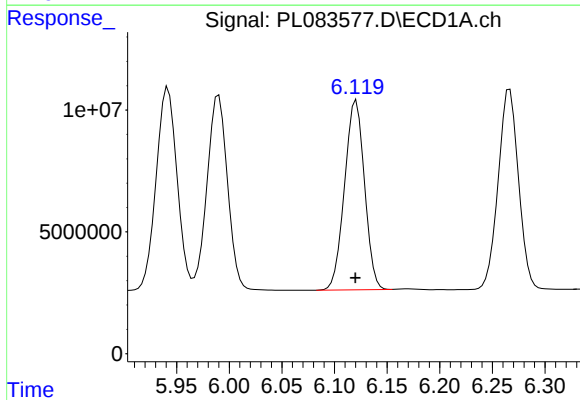
R.T.: 5.942 min  
Delta R.T.: 0.000 min  
Response: 115435927  
Conc: 48.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



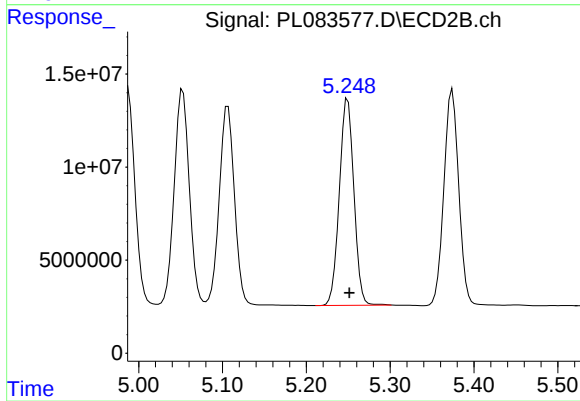
#11 alpha-Chlordane

R.T.: 5.053 min  
Delta R.T.: -0.002 min  
Response: 145659998  
Conc: 49.24 ng/ml



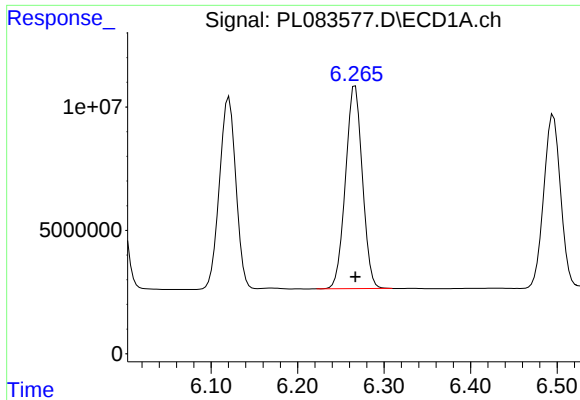
#12 4,4'-DDE

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 102823462  
Conc: 50.94 ng/ml



#12 4,4'-DDE

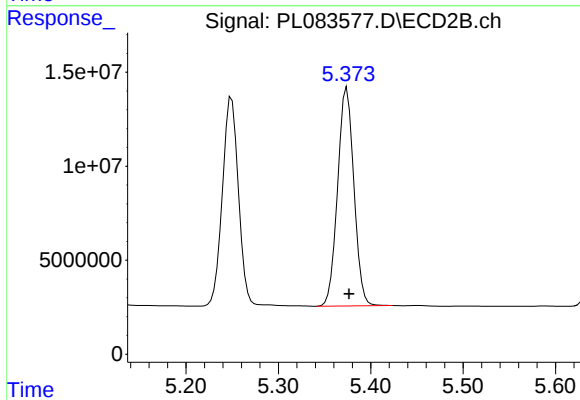
R.T.: 5.249 min  
Delta R.T.: -0.002 min  
Response: 134044152  
Conc: 52.47 ng/ml



#13 Dieldrin

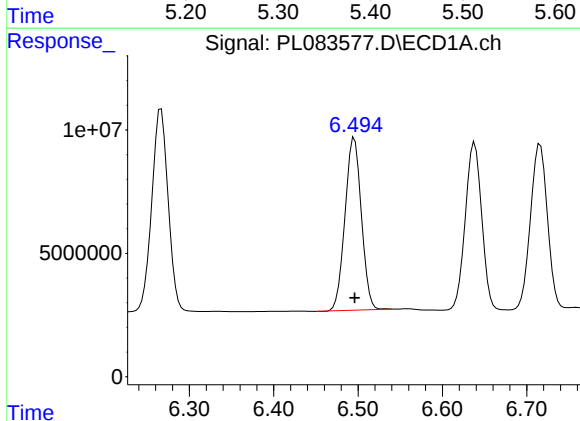
R.T.: 6.267 min  
Delta R.T.: 0.000 min  
Response: 110777060  
Conc: 49.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



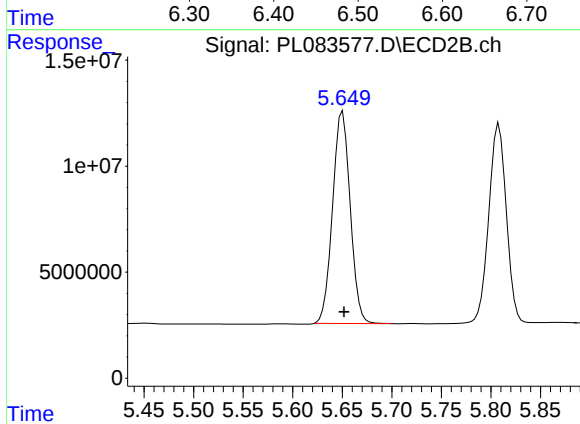
#13 Dieldrin

R.T.: 5.374 min  
Delta R.T.: -0.002 min  
Response: 142378602  
Conc: 50.77 ng/ml



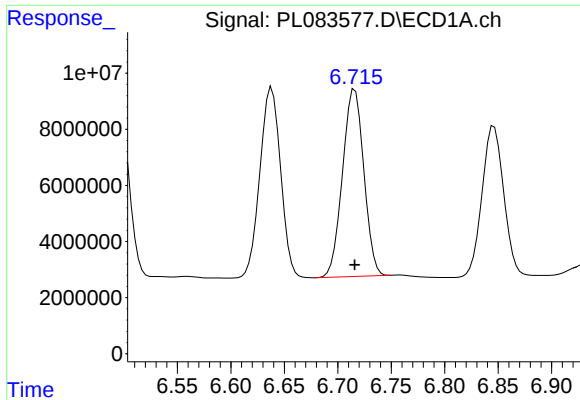
#14 Endrin

R.T.: 6.496 min  
Delta R.T.: 0.000 min  
Response: 94358059  
Conc: 53.46 ng/ml



#14 Endrin

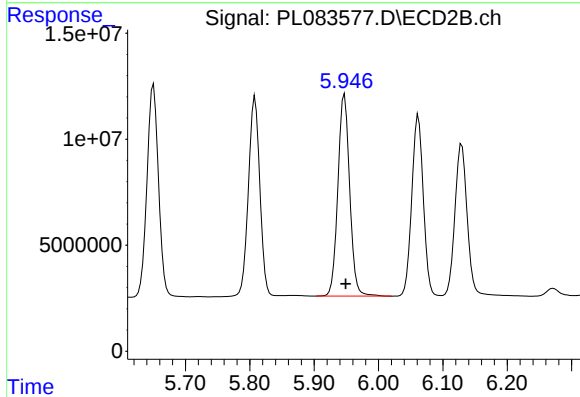
R.T.: 5.650 min  
Delta R.T.: -0.002 min  
Response: 123742361  
Conc: 53.61 ng/ml



#15 Endosulfan II

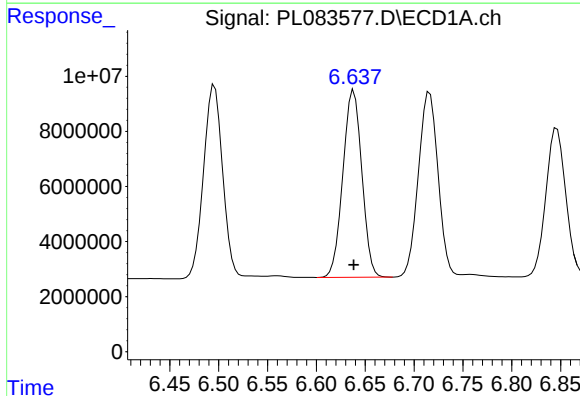
R.T.: 6.716 min  
Delta R.T.: 0.000 min  
Response: 92732329  
Conc: 49.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



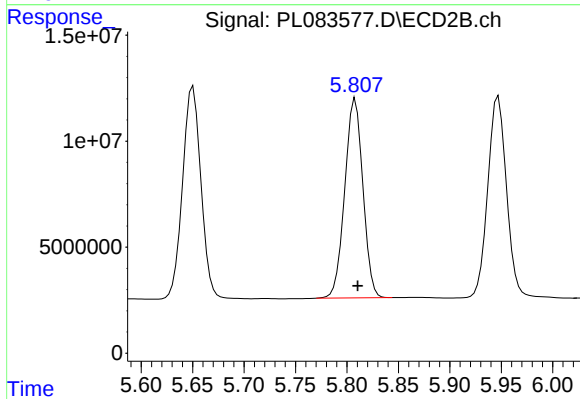
#15 Endosulfan II

R.T.: 5.947 min  
Delta R.T.: -0.002 min  
Response: 121408068  
Conc: 51.15 ng/ml



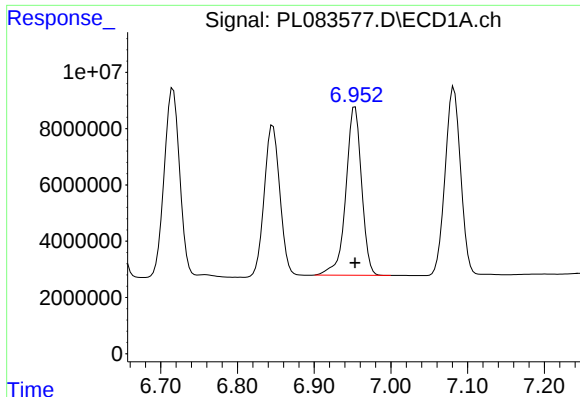
#16 4,4'-DDD

R.T.: 6.638 min  
Delta R.T.: 0.000 min  
Response: 91852037  
Conc: 53.80 ng/ml



#16 4,4'-DDD

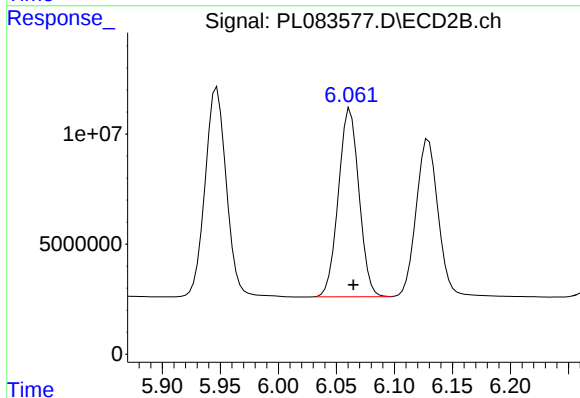
R.T.: 5.808 min  
Delta R.T.: -0.002 min  
Response: 115386295  
Conc: 52.33 ng/ml



#17 4,4'-DDT

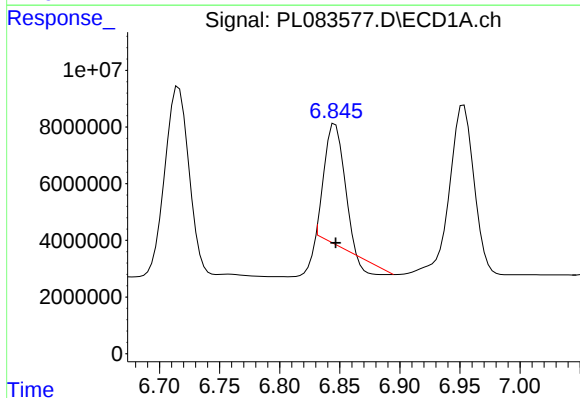
R.T.: 6.953 min  
Delta R.T.: 0.000 min  
Response: 85519122  
Conc: 50.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



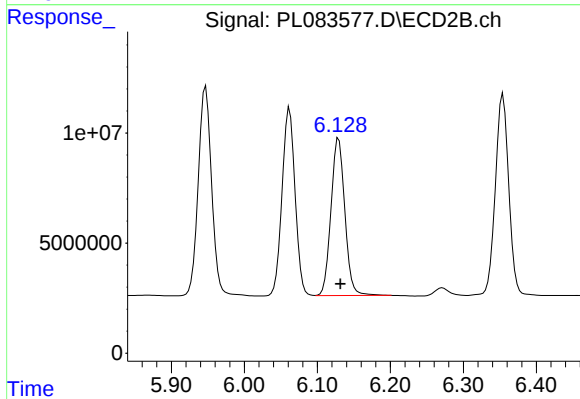
#17 4,4'-DDT

R.T.: 6.062 min  
Delta R.T.: -0.002 min  
Response: 105700270  
Conc: 50.63 ng/ml



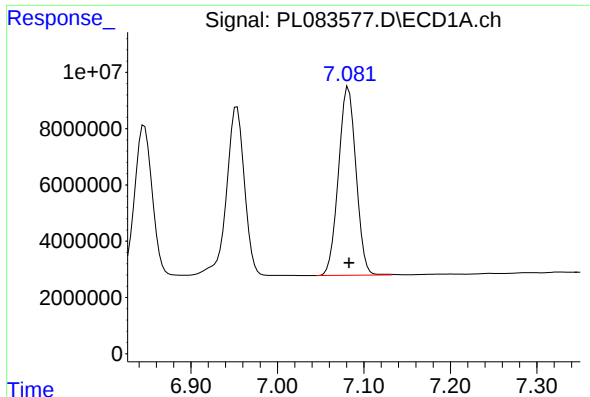
#18 Endrin aldehyde

R.T.: 6.846 min  
Delta R.T.: 0.000 min  
Response: 44379713  
Conc: 29.94 ng/ml



#18 Endrin aldehyde

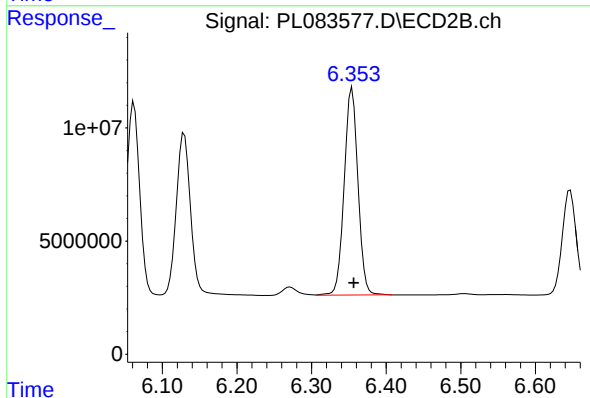
R.T.: 6.129 min  
Delta R.T.: -0.002 min  
Response: 94223536  
Conc: 49.85 ng/ml



#19 Endosulfan Sulfate

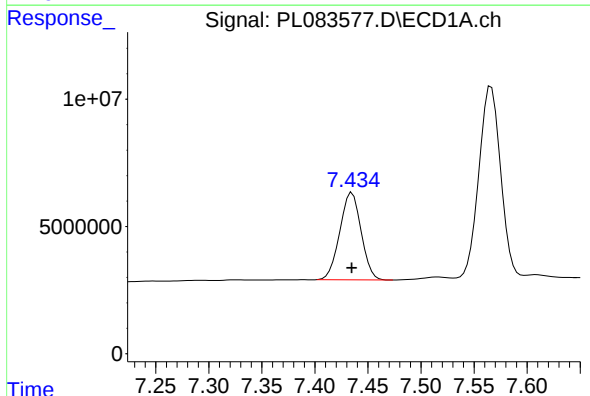
R.T.: 7.082 min  
Delta R.T.: 0.000 min  
Response: 93812219  
Conc: 48.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



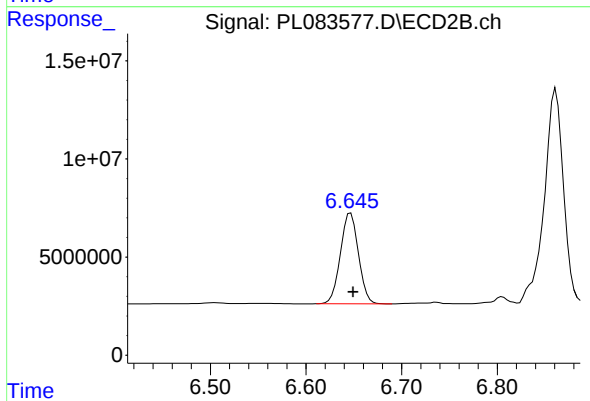
#19 Endosulfan Sulfate

R.T.: 6.354 min  
Delta R.T.: -0.002 min  
Response: 117075258  
Conc: 48.34 ng/ml



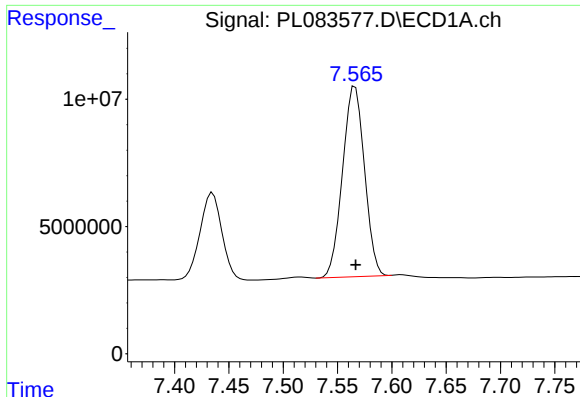
#20 Methoxychlor

R.T.: 7.435 min  
Delta R.T.: 0.000 min  
Response: 47941946  
Conc: 52.85 ng/ml



#20 Methoxychlor

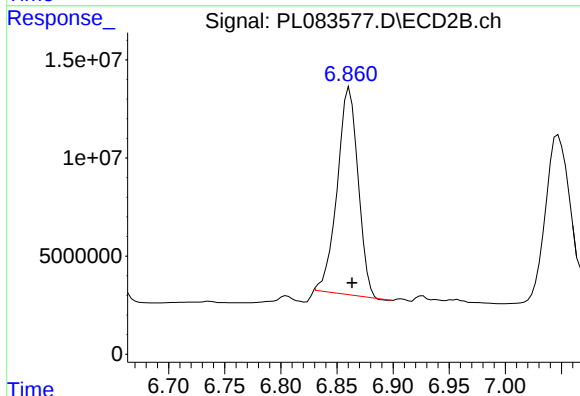
R.T.: 6.647 min  
Delta R.T.: -0.002 min  
Response: 60757898  
Conc: 50.41 ng/ml



#21 Endrin ketone

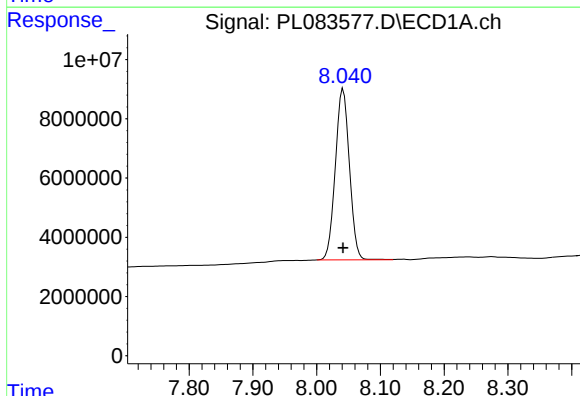
R.T.: 7.566 min  
Delta R.T.: 0.000 min  
Response: 105268793  
Conc: 49.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



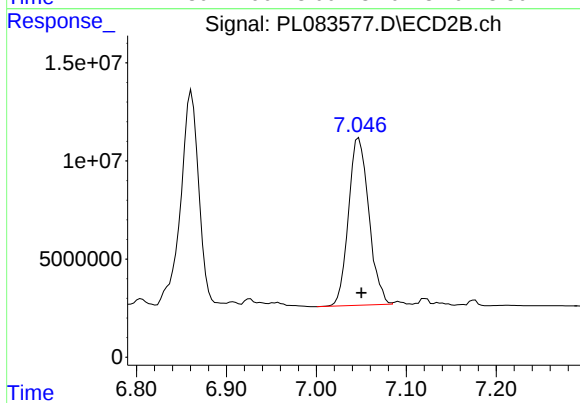
#21 Endrin ketone

R.T.: 6.861 min  
Delta R.T.: -0.002 min  
Response: 135672312  
Conc: 48.26 ng/ml



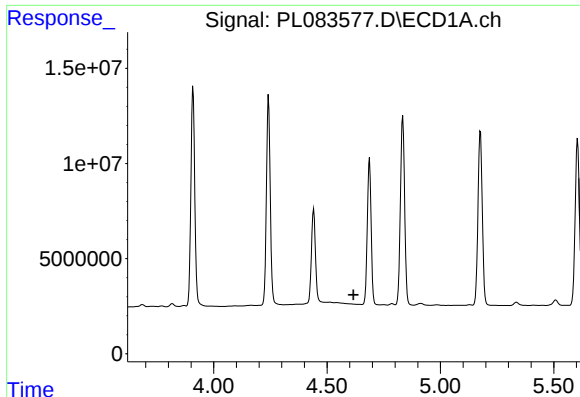
#22 Mirex

R.T.: 8.042 min  
Delta R.T.: 0.000 min  
Response: 88774842  
Conc: 47.56 ng/ml



#22 Mirex

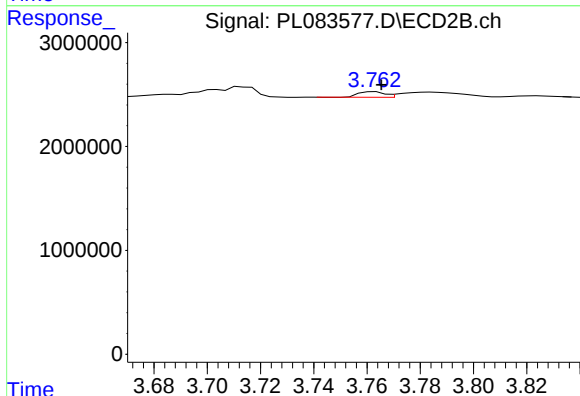
R.T.: 7.047 min  
Delta R.T.: -0.003 min  
Response: 133946199  
Conc: 55.66 ng/ml



#23 Chlordane-1

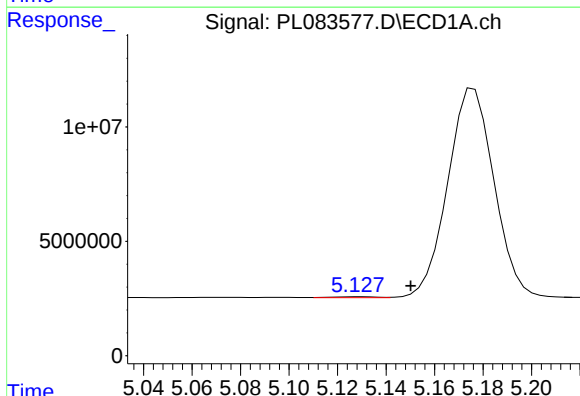
R.T.: 0.000 min  
Exp R.T.: 4.617 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



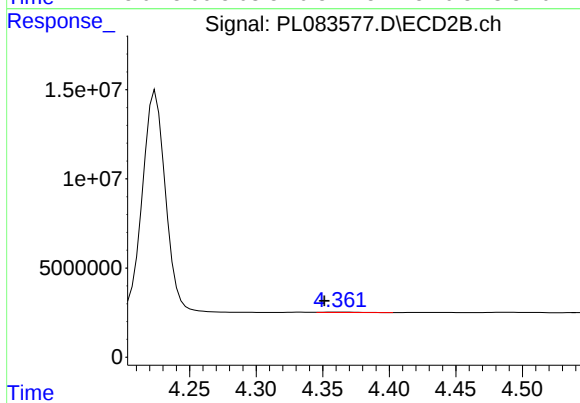
#23 Chlordane-1

R.T.: 3.763 min  
Delta R.T.: -0.003 min  
Response: 364941  
Conc: 3.72 ng/ml



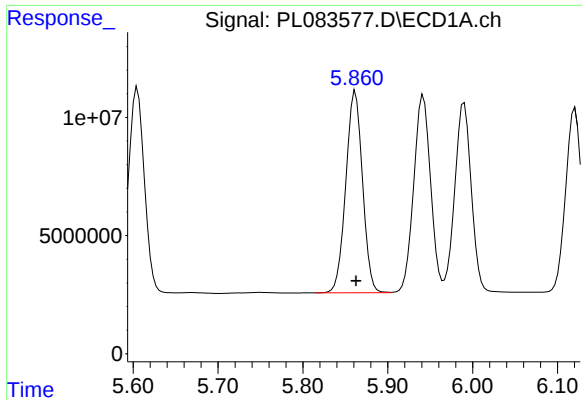
#24 Chlordane-2

R.T.: 5.129 min  
Delta R.T.: -0.022 min  
Response: 498879  
Conc: 4.60 ng/ml



#24 Chlordane-2

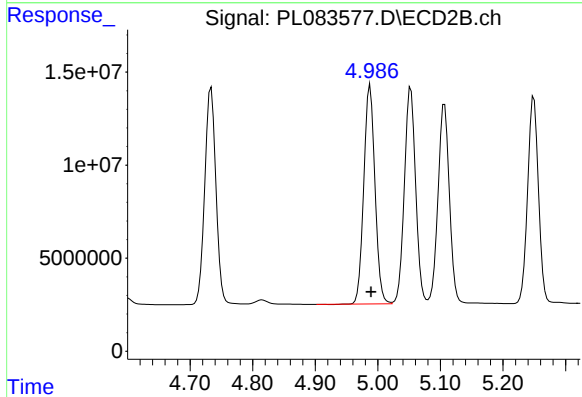
R.T.: 4.363 min  
Delta R.T.: 0.012 min  
Response: 366705  
Conc: 3.05 ng/ml



#25 Chlordane-3

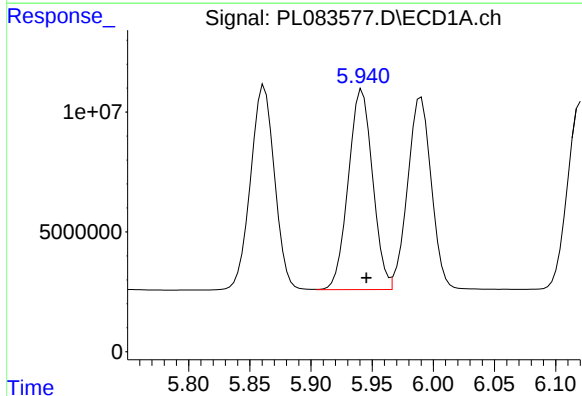
R.T.: 5.862 min  
Delta R.T.: 0.000 min  
Response: 116498651  
Conc: 304.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



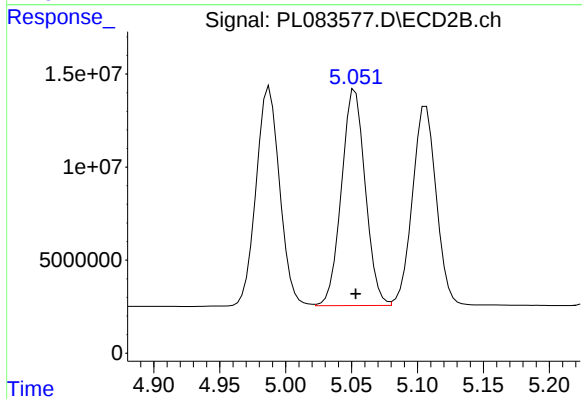
#25 Chlordane-3

R.T.: 4.988 min  
Delta R.T.: -0.002 min  
Response: 145968563  
Conc: 445.49 ng/ml



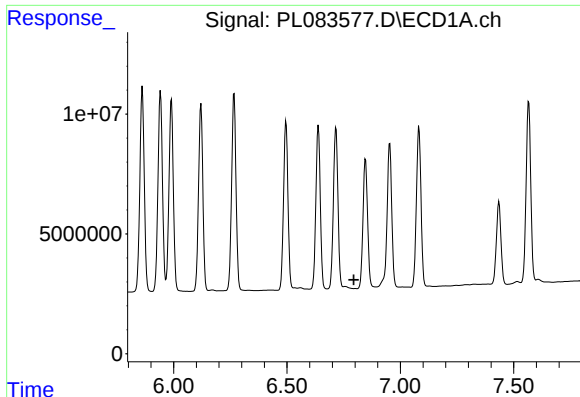
#26 Chlordane-4

R.T.: 5.942 min  
Delta R.T.: -0.004 min  
Response: 115435927  
Conc: 249.63 ng/ml



#26 Chlordane-4

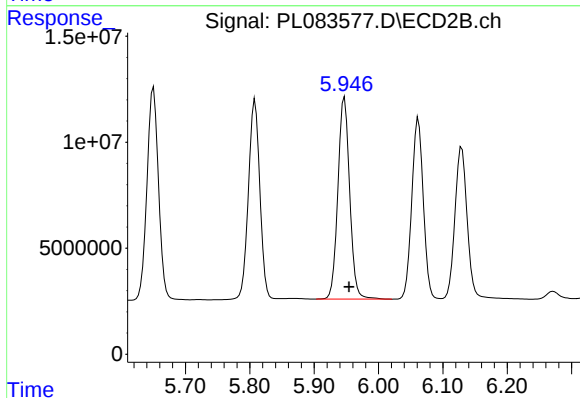
R.T.: 5.053 min  
Delta R.T.: 0.000 min  
Response: 145659998  
Conc: 432.12 ng/ml



#27 Chlordane-5

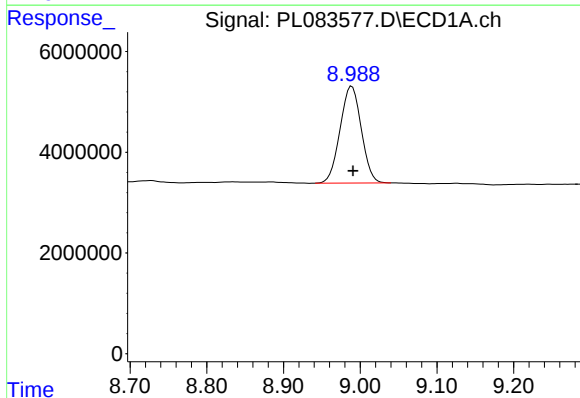
R.T.: 0.000 min  
Exp R.T.: 6.795 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



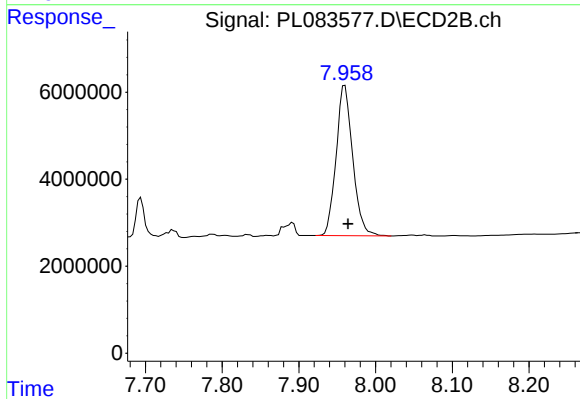
#27 Chlordane-5

R.T.: 5.947 min  
Delta R.T.: -0.007 min  
Response: 121408068  
Conc: 1092.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.989 min  
Delta R.T.: -0.002 min  
Response: 37106815  
Conc: 19.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.960 min  
Delta R.T.: -0.004 min  
Response: 51878102  
Conc: 21.12 ng/ml