

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041123\  
 Data File : PL081992.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Apr 2023 15:39  
 Operator : AR\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: Apr 11 22:16:28 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 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... | 3.328  | 2.653  | 123.7E6  | 100.9E6  | 53.190   | 50.534    |
| 28)                         | SA Decachlor... | 8.750  | 7.770  | 90443306 | 98123781 | 50.537   | 49.476    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.777  | 3.151  | 186.2E6  | 147.4E6  | 54.314   | 50.579    |
| 3)                          | MA gamma-BHC... | 4.105  | 3.479  | 166.6E6  | 137.7E6  | 52.441   | 49.448    |
| 4)                          | MA Heptachlor   | 4.685  | 3.812  | 158.7E6  | 143.5E6  | 50.338   | 50.048    |
| 5)                          | MB Aldrin       | 5.022  | 4.089  | 150.1E6  | 131.8E6  | 52.482   | 49.484    |
| 6)                          | B beta-BHC      | 4.308  | 3.778  | 75032578 | 59400222 | 49.853   | 49.875    |
| 7)                          | B delta-BHC     | 4.550  | 4.005  | 165.7E6  | 132.6E6  | 54.533   | 51.273    |
| 8)                          | B Heptachlo...  | 5.447  | 4.590  | 141.7E6  | 121.7E6  | 52.084   | 50.127    |
| 9)                          | A Endosulfan I  | 5.829  | 4.958  | 125.2E6  | 110.2E6  | 50.685   | 49.935    |
| 10)                         | B gamma-Chl...  | 5.702  | 4.840  | 137.4E6  | 121.9E6  | 52.331   | 50.142    |
| 11)                         | B alpha-Chl...  | 5.781  | 4.903  | 134.1E6  | 121.4E6  | 51.817   | 49.986    |
| 12)                         | B 4,4'-DDE      | 5.959  | 5.093  | 117.3E6  | 102.1E6  | 52.066   | 51.851    |
| 13)                         | MA Dieldrin     | 6.103  | 5.223  | 125.9E6  | 113.6E6  | 52.016   | 50.519    |
| 14)                         | MA Endrin       | 6.331  | 5.497  | 110.1E6  | 102.2E6  | 52.035   | 50.504    |
| 15)                         | B Endosulfa...  | 6.553  | 5.794  | 104.0E6  | 87818003 | 49.020   | 48.410    |
| 16)                         | A 4,4'-DDD      | 6.475  | 5.648  | 94646013 | 80800679 | 52.479   | 53.245    |
| 17)                         | MA 4,4'-DDT     | 6.786  | 5.897  | 102.6E6  | 88756240 | 50.536   | 51.505    |
| 18)                         | B Endrin al...  | 6.682  | 5.973  | 84011389 | 77464690 | 51.348   | 49.881    |
| 19)                         | B Endosulfa...  | 6.917  | 6.196  | 107.8E6  | 94227896 | 51.708   | 48.429    |
| 20)                         | A Methoxychlor  | 7.266  | 6.476  | 54558455 | 49885289 | 50.663   | 50.084    |
| 21)                         | B Endrin ke...  | 7.396  | 6.702  | 111.2E6  | 111.1E6  | 53.080   | 51.989    |
| 22)                         | Mirex           | 7.861  | 6.874  | 85388683 | 94462693 | 49.839   | 49.206    |
| 23)                         | Chlordane-1     | 0.000  | 3.676f | 0        | 539391   | N.D.     | 7.003 #   |
| 24)                         | Chlordane-2     | 5.022f | 4.231  | 150.1E6  | 2762010  | 1442.340 | 29.566 #  |
| 25)                         | Chlordane-3     | 5.702  | 4.840  | 137.4E6  | 121.9E6  | 346.823  | 483.835 # |
| 26)                         | Chlordane-4     | 5.781  | 4.903  | 134.1E6  | 121.4E6  | 280.265  | 463.529 # |
| 27)                         | Chlordane-5     | 0.000  | 5.571  | 0        | 87269    | N.D.     | 1.308 #   |
| -----                       |                 |        |        |          |          |          |           |

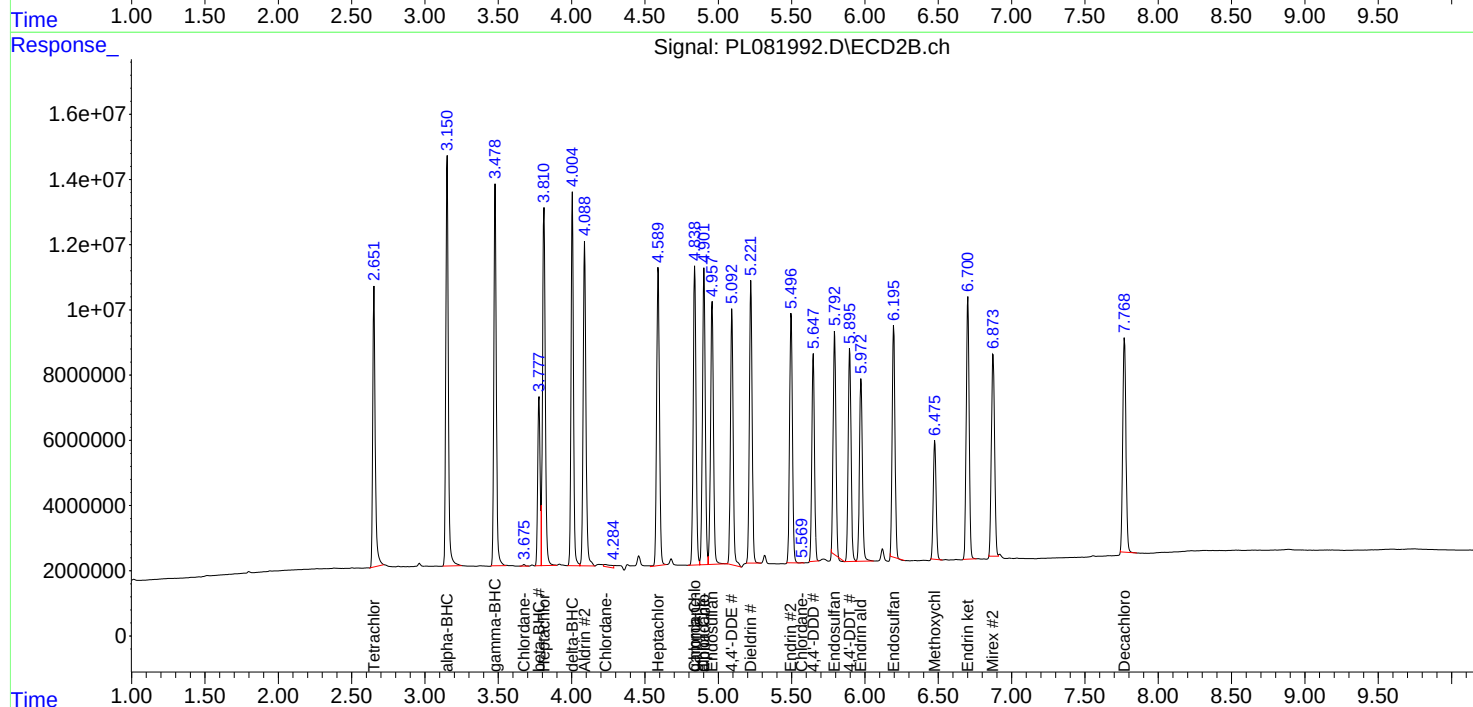
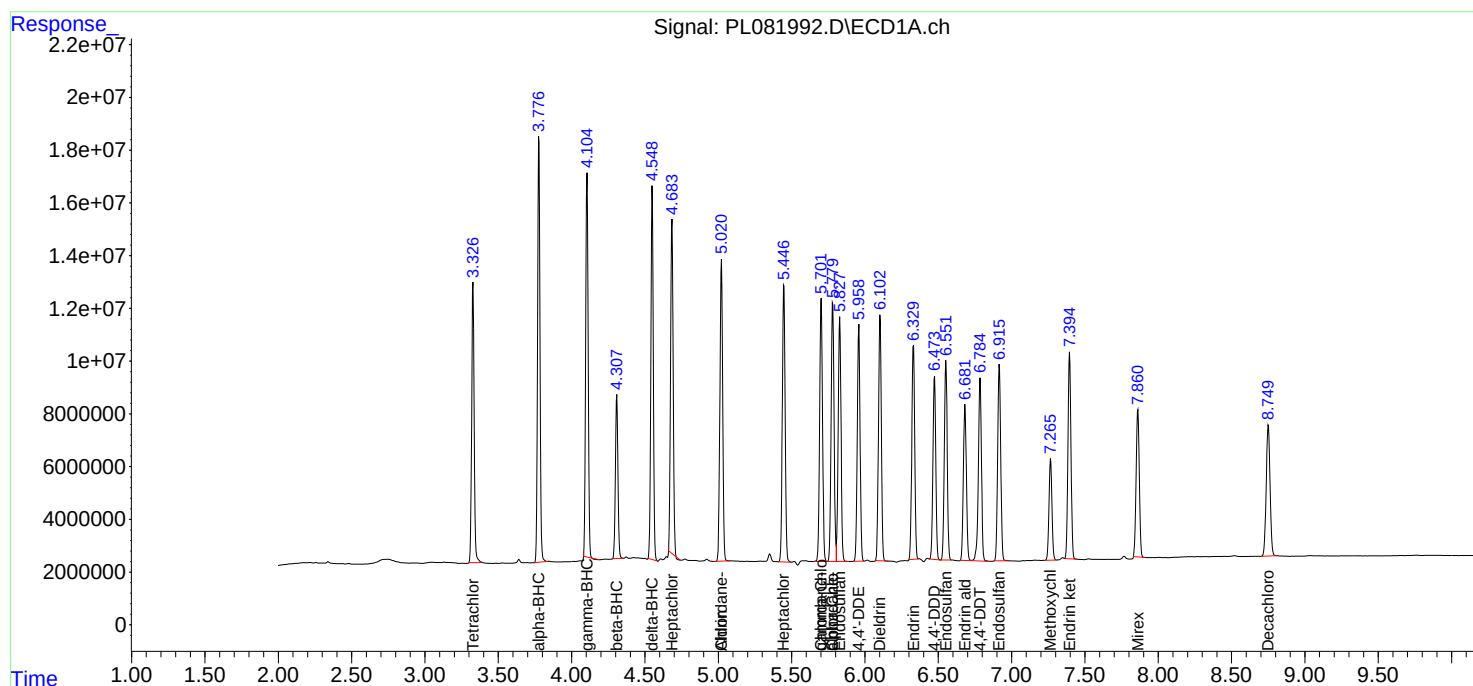
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

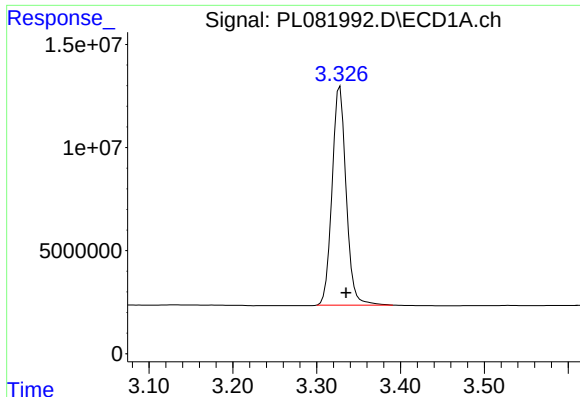
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041123\  
Data File : PL081992.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Apr 2023 15:39  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 11 22:16:28 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 23 01:07:33 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

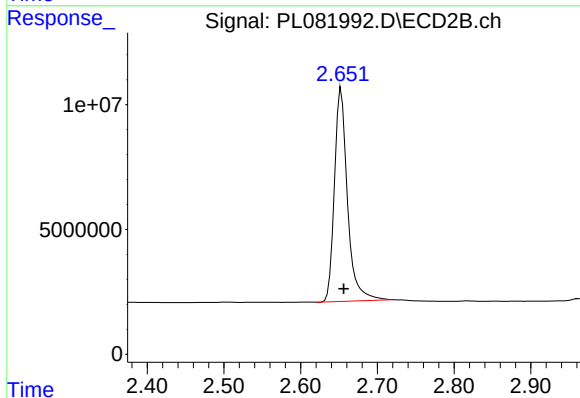




#1 Tetrachloro-m-xylene

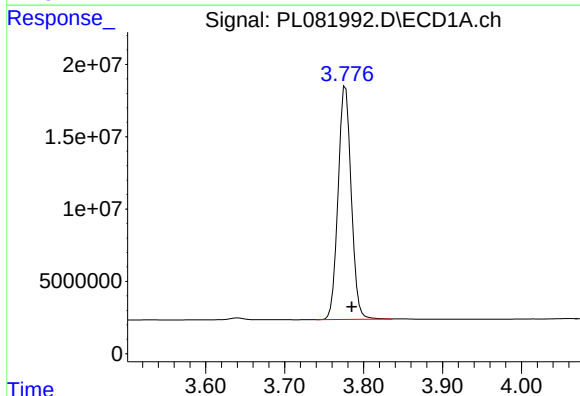
R.T.: 3.328 min  
Delta R.T.: -0.007 min  
Response: 123713503  
Conc: 53.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



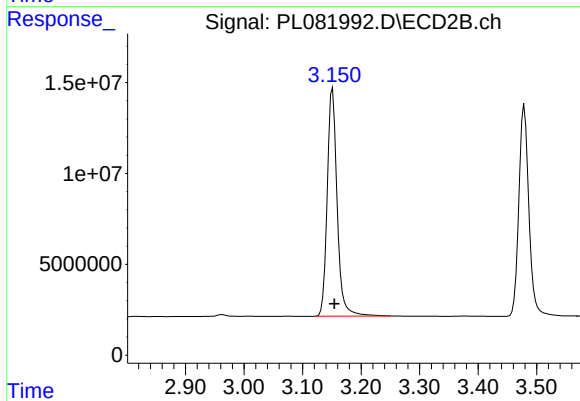
#1 Tetrachloro-m-xylene

R.T.: 2.653 min  
Delta R.T.: -0.003 min  
Response: 100874319  
Conc: 50.53 ng/ml



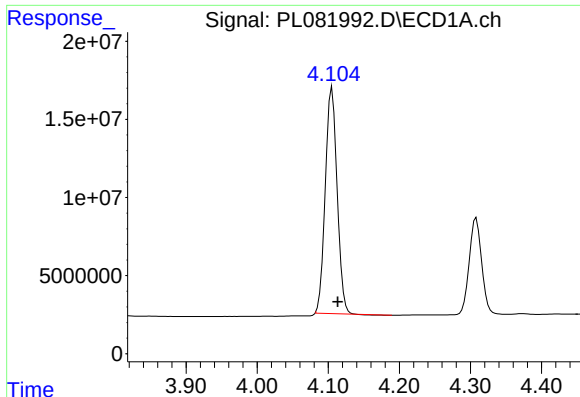
#2 alpha-BHC

R.T.: 3.777 min  
Delta R.T.: -0.008 min  
Response: 186208184  
Conc: 54.31 ng/ml



#2 alpha-BHC

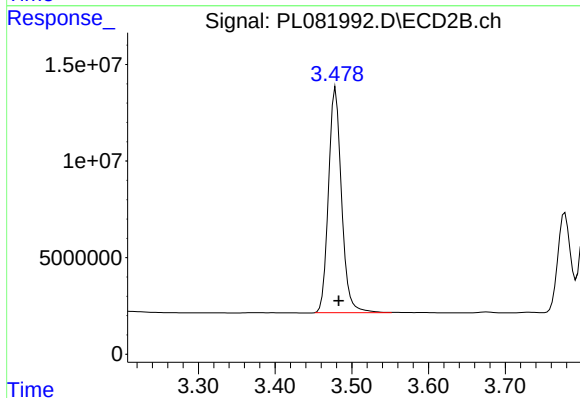
R.T.: 3.151 min  
Delta R.T.: -0.003 min  
Response: 147437983  
Conc: 50.58 ng/ml



#3 gamma-BHC (Lindane)

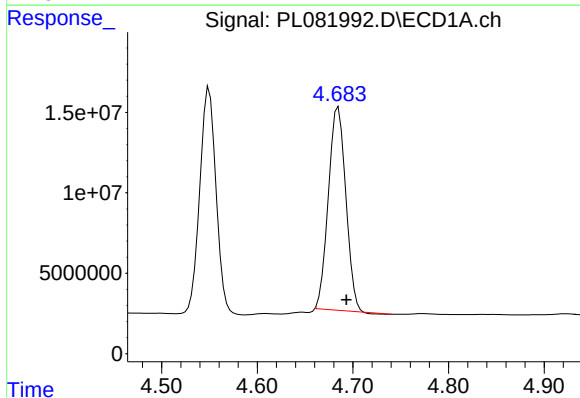
R.T.: 4.105 min  
Delta R.T.: -0.008 min  
Response: 166596676  
Conc: 52.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



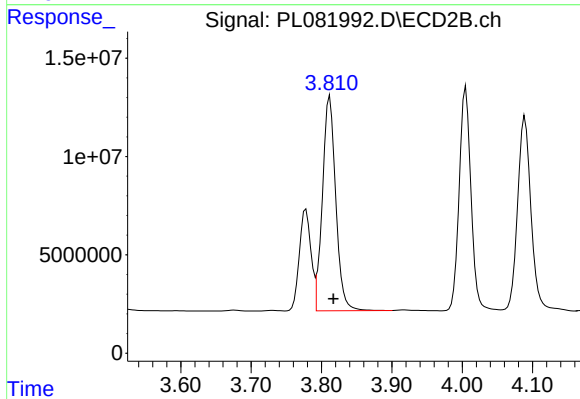
#3 gamma-BHC (Lindane)

R.T.: 3.479 min  
Delta R.T.: -0.004 min  
Response: 137673115  
Conc: 49.45 ng/ml



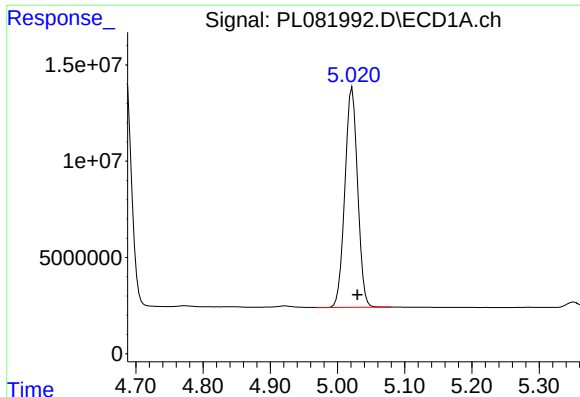
#4 Heptachlor

R.T.: 4.685 min  
Delta R.T.: -0.008 min  
Response: 158674432  
Conc: 50.34 ng/ml



#4 Heptachlor

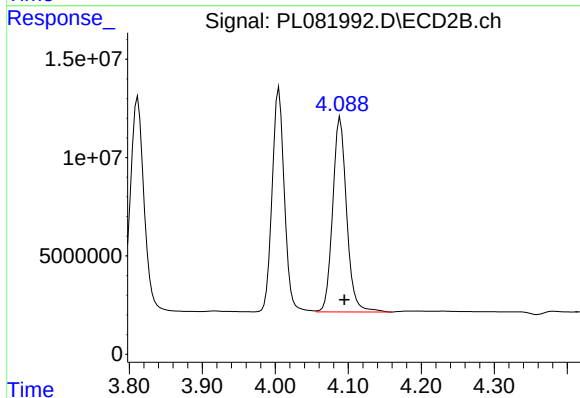
R.T.: 3.812 min  
Delta R.T.: -0.005 min  
Response: 143485907  
Conc: 50.05 ng/ml



#5 Aldrin

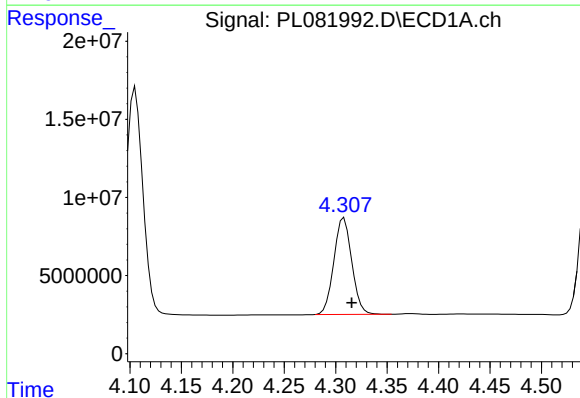
R.T.: 5.022 min  
Delta R.T.: -0.008 min  
Response: 150112980  
Conc: 52.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



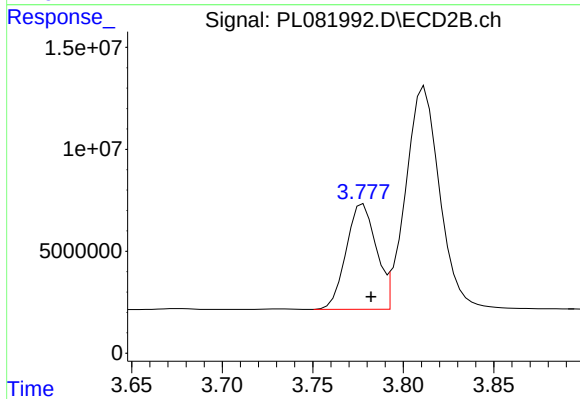
#5 Aldrin

R.T.: 4.089 min  
Delta R.T.: -0.005 min  
Response: 131847805  
Conc: 49.48 ng/ml



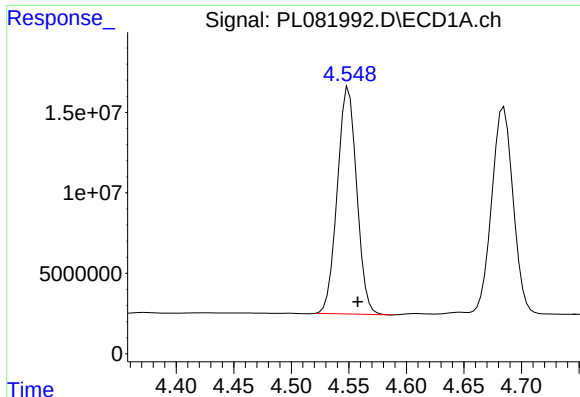
#6 beta-BHC

R.T.: 4.308 min  
Delta R.T.: -0.008 min  
Response: 75032578  
Conc: 49.85 ng/ml



#6 beta-BHC

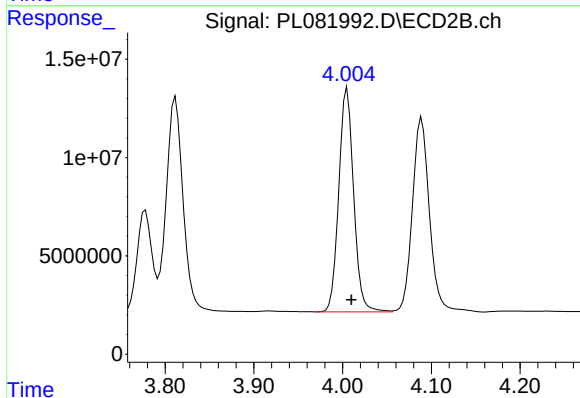
R.T.: 3.778 min  
Delta R.T.: -0.004 min  
Response: 59400222  
Conc: 49.87 ng/ml



#7 delta-BHC

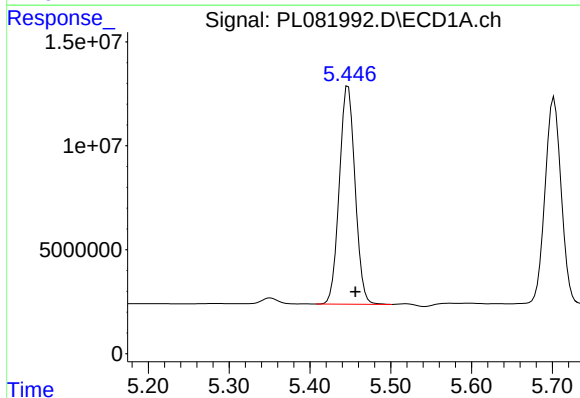
R.T.: 4.550 min  
Delta R.T.: -0.008 min  
Response: 165736668  
Conc: 54.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



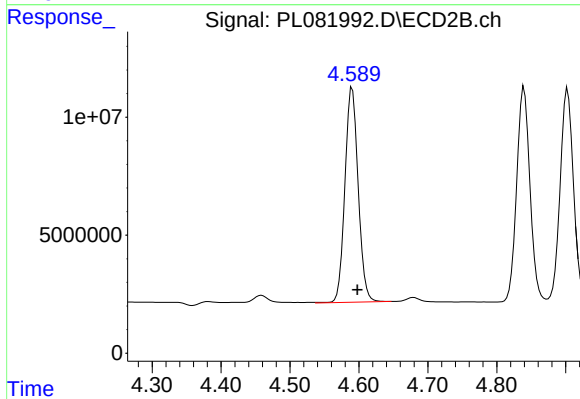
#7 delta-BHC

R.T.: 4.005 min  
Delta R.T.: -0.005 min  
Response: 132596657  
Conc: 51.27 ng/ml



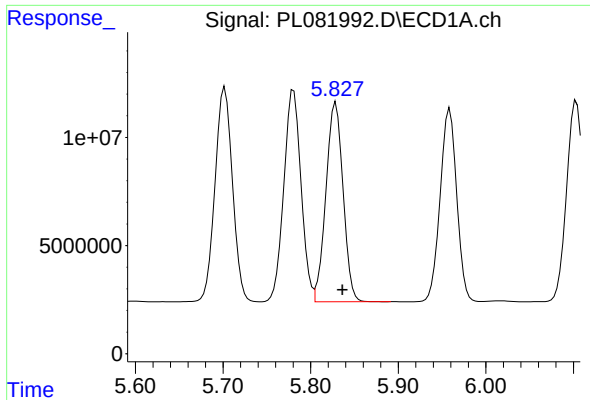
#8 Heptachlor epoxide

R.T.: 5.447 min  
Delta R.T.: -0.009 min  
Response: 141669742  
Conc: 52.08 ng/ml



#8 Heptachlor epoxide

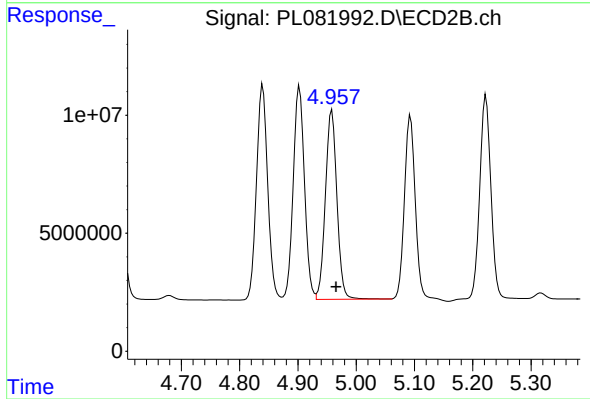
R.T.: 4.590 min  
Delta R.T.: -0.007 min  
Response: 121747126  
Conc: 50.13 ng/ml



#9 Endosulfan I

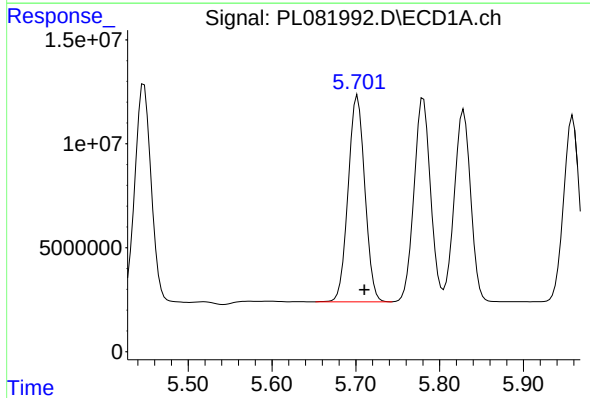
R.T.: 5.829 min  
Delta R.T.: -0.008 min  
Response: 125233455  
Conc: 50.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



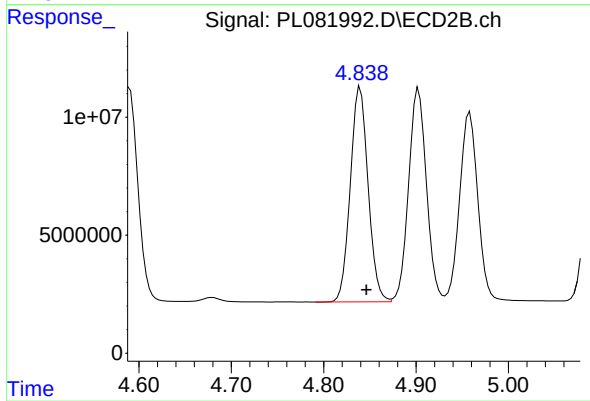
#9 Endosulfan I

R.T.: 4.958 min  
Delta R.T.: -0.007 min  
Response: 110243371  
Conc: 49.94 ng/ml



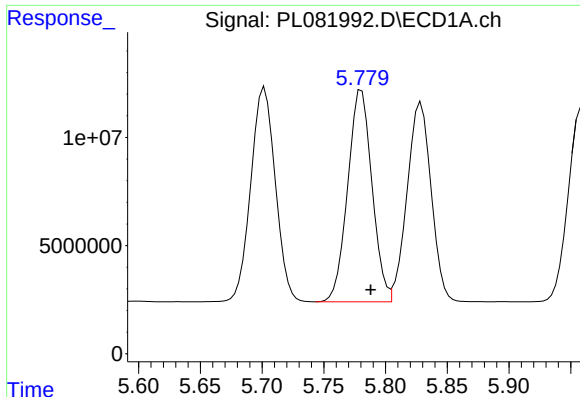
#10 gamma-Chlordane

R.T.: 5.702 min  
Delta R.T.: -0.008 min  
Response: 137380907  
Conc: 52.33 ng/ml



#10 gamma-Chlordane

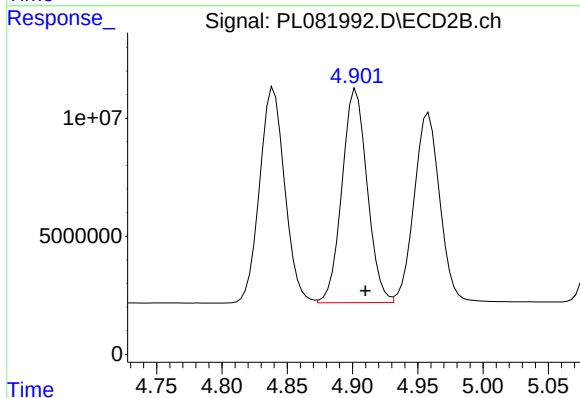
R.T.: 4.840 min  
Delta R.T.: -0.007 min  
Response: 121864011  
Conc: 50.14 ng/ml



#11 alpha-Chlordane

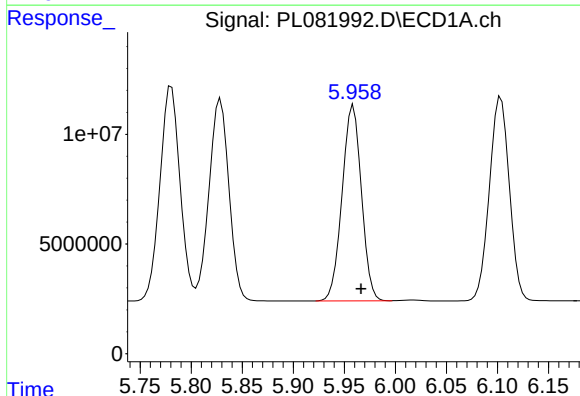
R.T.: 5.781 min  
Delta R.T.: -0.008 min  
Response: 134123629  
Conc: 51.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



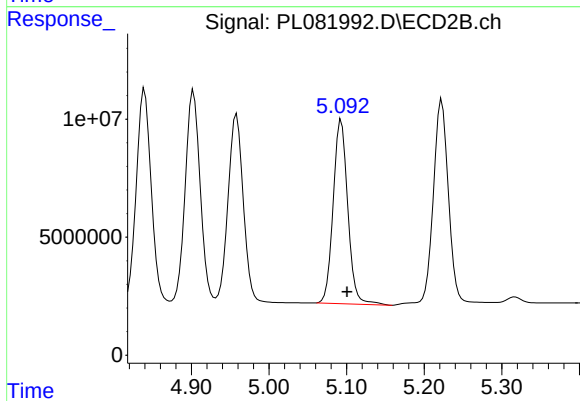
#11 alpha-Chlordane

R.T.: 4.903 min  
Delta R.T.: -0.007 min  
Response: 121413291  
Conc: 49.99 ng/ml



#12 4,4'-DDE

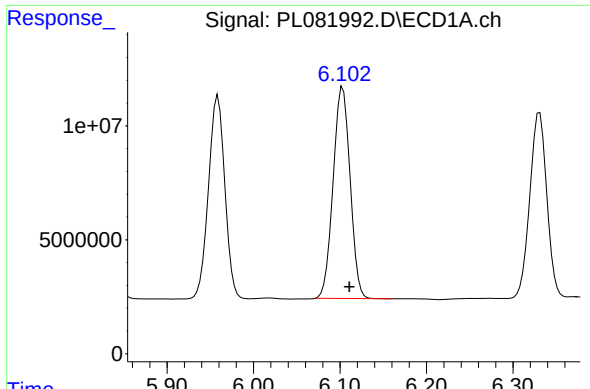
R.T.: 5.959 min  
Delta R.T.: -0.008 min  
Response: 117338718  
Conc: 52.07 ng/ml



#12 4,4'-DDE

R.T.: 5.093 min  
Delta R.T.: -0.008 min  
Response: 102135812  
Conc: 51.85 ng/ml

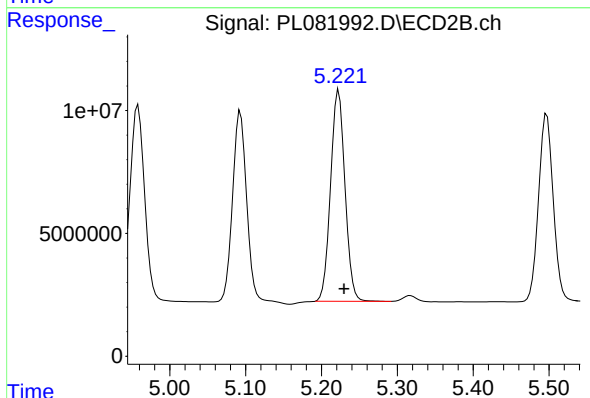




#13 Dieldrin

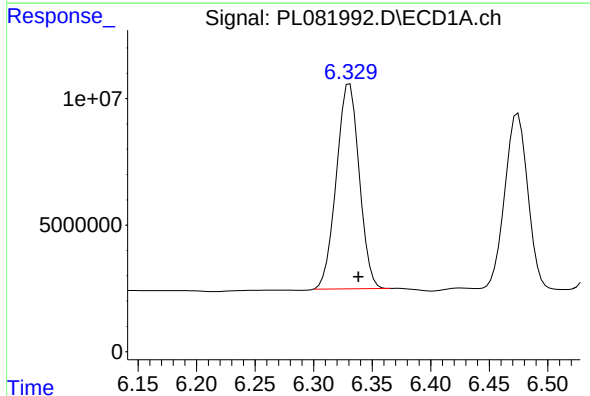
R.T.: 6.103 min  
Delta R.T.: -0.008 min  
Response: 125927414  
Conc: 52.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



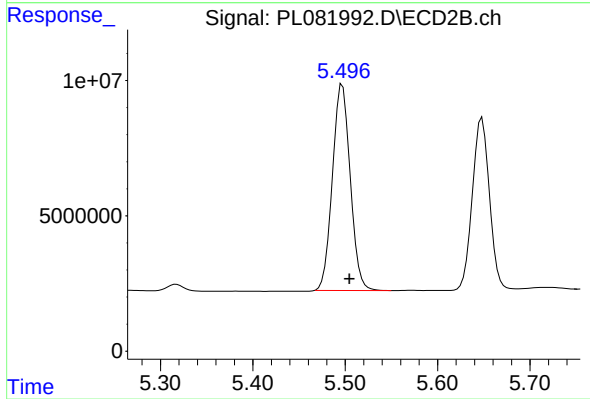
#13 Dieldrin

R.T.: 5.223 min  
Delta R.T.: -0.007 min  
Response: 113638678  
Conc: 50.52 ng/ml



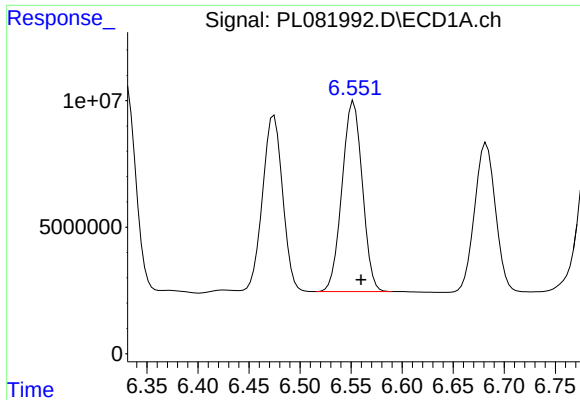
#14 Endrin

R.T.: 6.331 min  
Delta R.T.: -0.007 min  
Response: 110066402  
Conc: 52.04 ng/ml



#14 Endrin

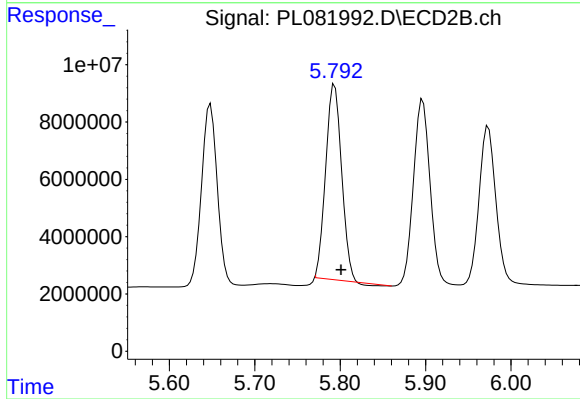
R.T.: 5.497 min  
Delta R.T.: -0.008 min  
Response: 102205577  
Conc: 50.50 ng/ml



#15 Endosulfan II

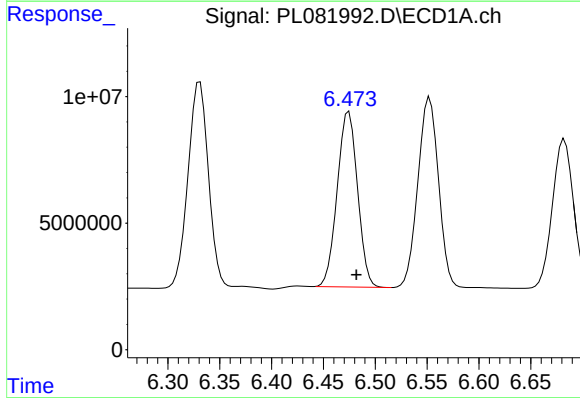
R.T.: 6.553 min  
Delta R.T.: -0.007 min  
Response: 104026114  
Conc: 49.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



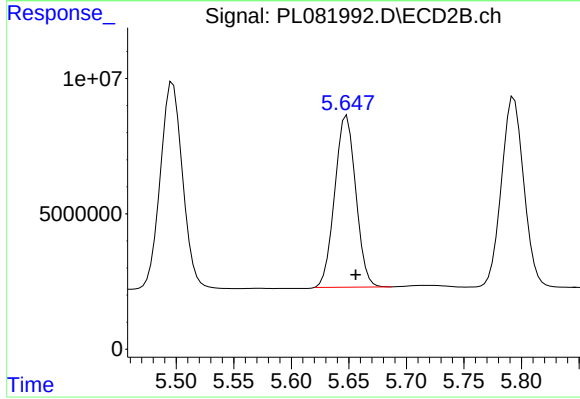
#15 Endosulfan II

R.T.: 5.794 min  
Delta R.T.: -0.008 min  
Response: 87818003  
Conc: 48.41 ng/ml



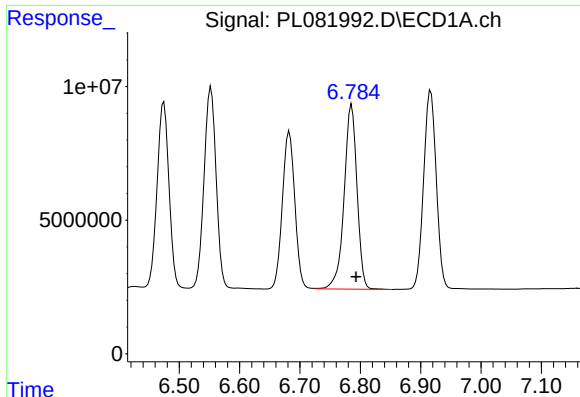
#16 4,4'-DDD

R.T.: 6.475 min  
Delta R.T.: -0.007 min  
Response: 94646013  
Conc: 52.48 ng/ml



#16 4,4'-DDD

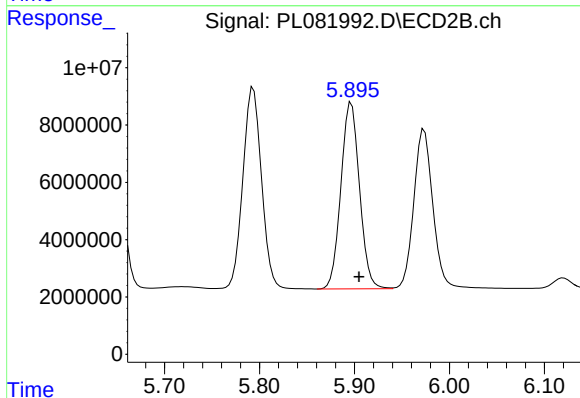
R.T.: 5.648 min  
Delta R.T.: -0.008 min  
Response: 80800679  
Conc: 53.24 ng/ml



#17 4,4'-DDT

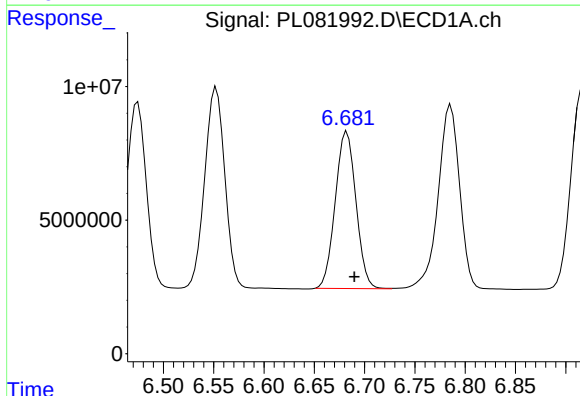
R.T.: 6.786 min  
Delta R.T.: -0.007 min  
Response: 102569249  
Conc: 50.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



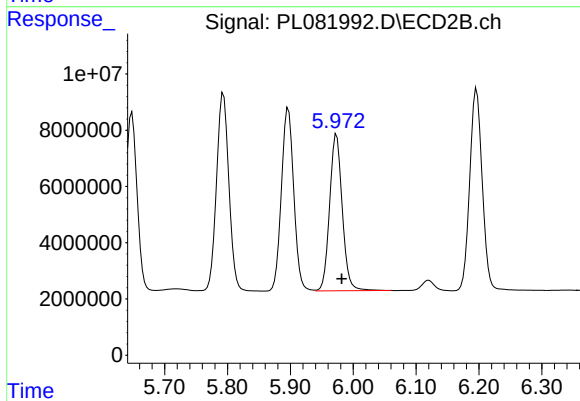
#17 4,4'-DDT

R.T.: 5.897 min  
Delta R.T.: -0.008 min  
Response: 88756240  
Conc: 51.50 ng/ml



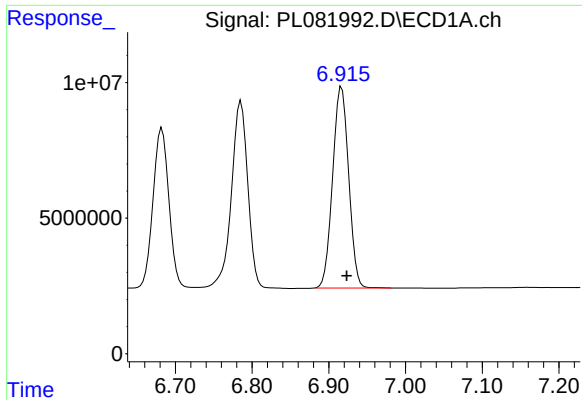
#18 Endrin aldehyde

R.T.: 6.682 min  
Delta R.T.: -0.007 min  
Response: 84011389  
Conc: 51.35 ng/ml



#18 Endrin aldehyde

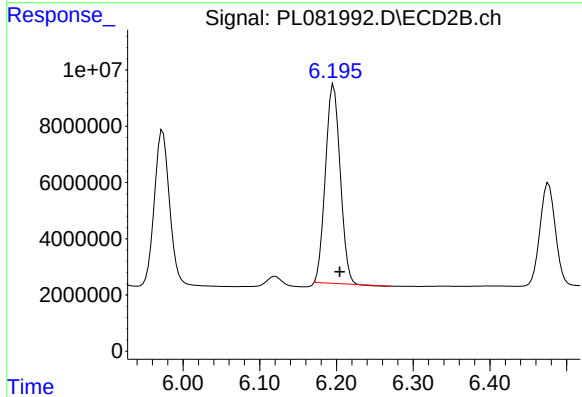
R.T.: 5.973 min  
Delta R.T.: -0.008 min  
Response: 77464690  
Conc: 49.88 ng/ml



#19 Endosulfan Sulfate

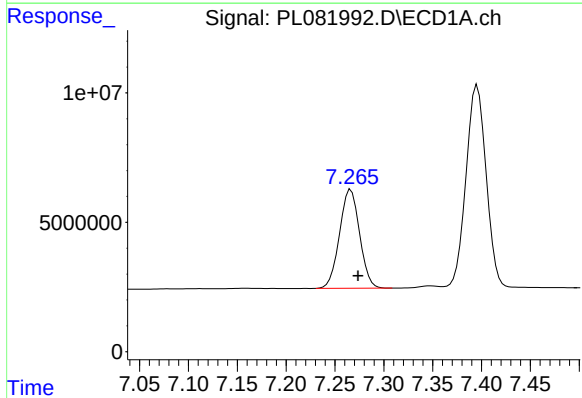
R.T.: 6.917 min  
Delta R.T.: -0.007 min  
Response: 107762109  
Conc: 51.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



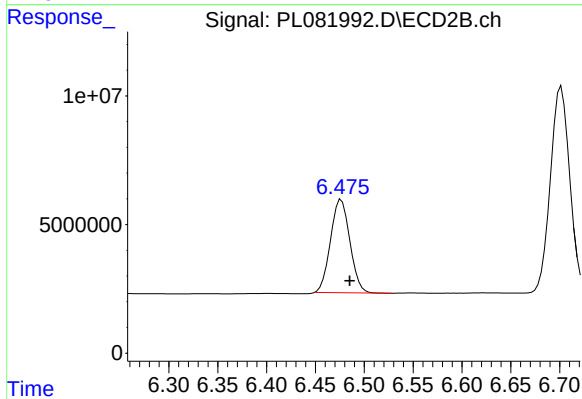
#19 Endosulfan Sulfate

R.T.: 6.196 min  
Delta R.T.: -0.008 min  
Response: 94227896  
Conc: 48.43 ng/ml



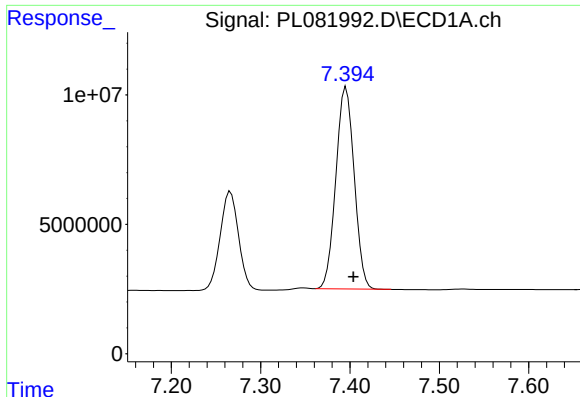
#20 Methoxychlor

R.T.: 7.266 min  
Delta R.T.: -0.007 min  
Response: 54558455  
Conc: 50.66 ng/ml



#20 Methoxychlor

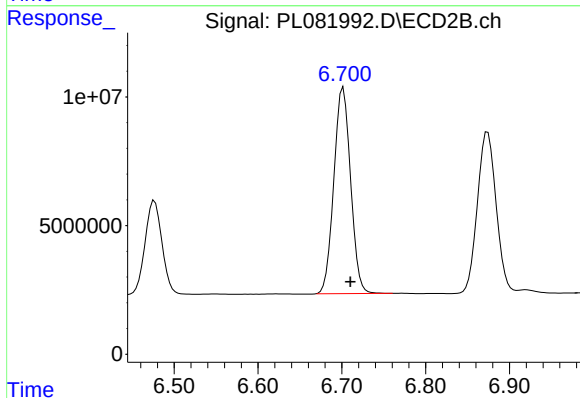
R.T.: 6.476 min  
Delta R.T.: -0.009 min  
Response: 49885289  
Conc: 50.08 ng/ml



#21 Endrin ketone

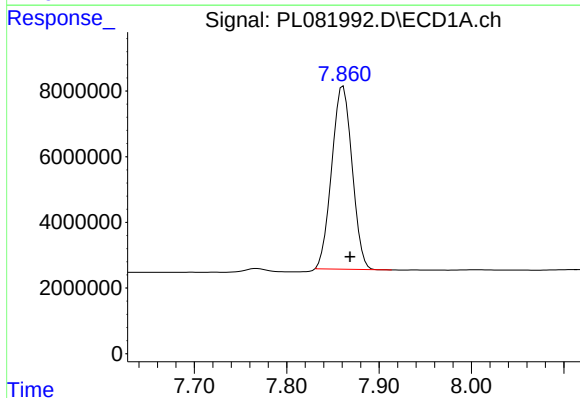
R.T.: 7.396 min  
Delta R.T.: -0.008 min  
Response: 111185567  
Conc: 53.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



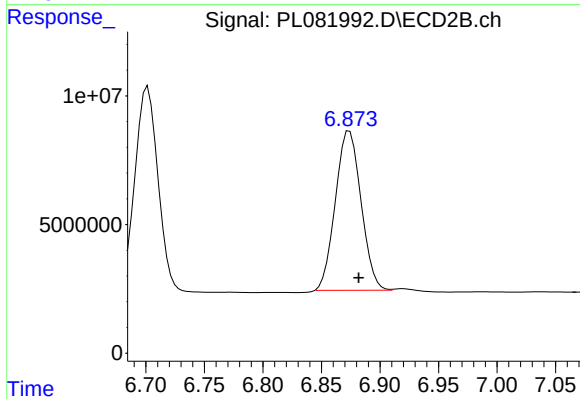
#21 Endrin ketone

R.T.: 6.702 min  
Delta R.T.: -0.008 min  
Response: 111099847  
Conc: 51.99 ng/ml



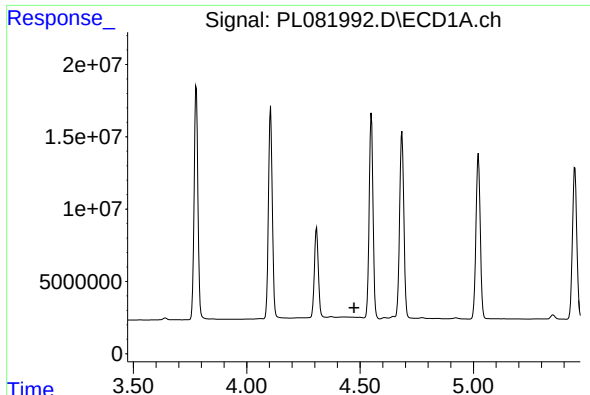
#22 Mirex

R.T.: 7.861 min  
Delta R.T.: -0.007 min  
Response: 85388683  
Conc: 49.84 ng/ml



#22 Mirex

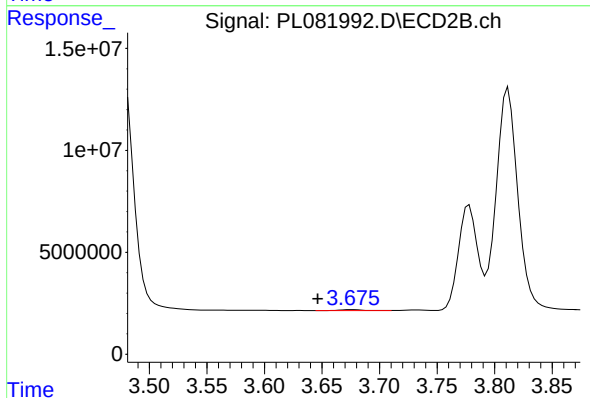
R.T.: 6.874 min  
Delta R.T.: -0.008 min  
Response: 94462693  
Conc: 49.21 ng/ml



#23 Chlordane-1

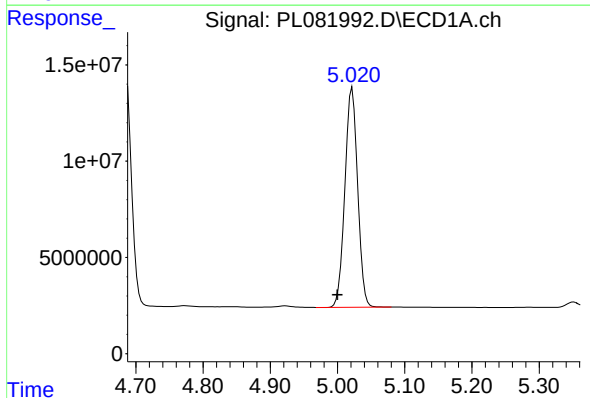
R.T.: 0.000 min  
Exp R.T.: 4.473 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



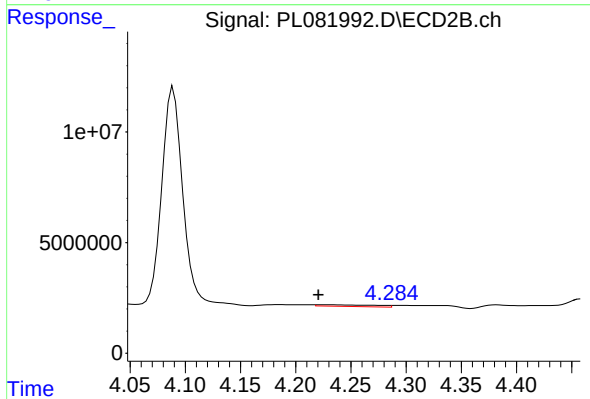
#23 Chlordane-1

R.T.: 3.676 min  
Delta R.T.: 0.030 min  
Response: 539391  
Conc: 7.00 ng/ml



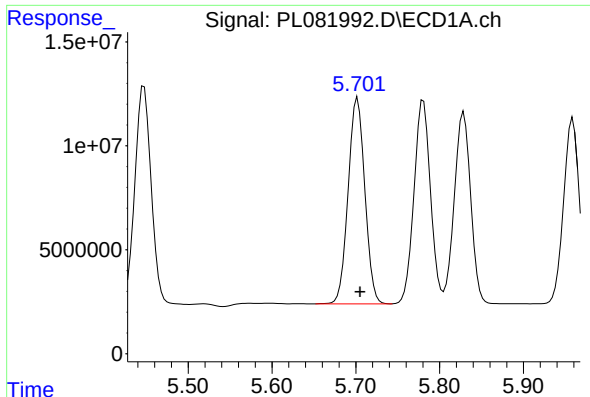
#24 Chlordane-2

R.T.: 5.022 min  
Delta R.T.: 0.022 min  
Response: 150112980  
Conc: 1442.34 ng/ml



#24 Chlordane-2

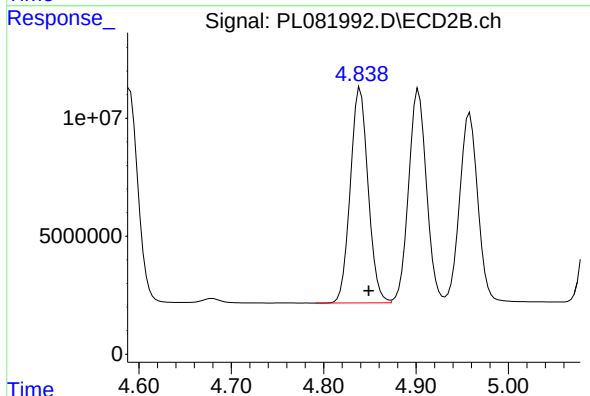
R.T.: 4.231 min  
Delta R.T.: 0.010 min  
Response: 2762010  
Conc: 29.57 ng/ml



#25 Chlordane-3

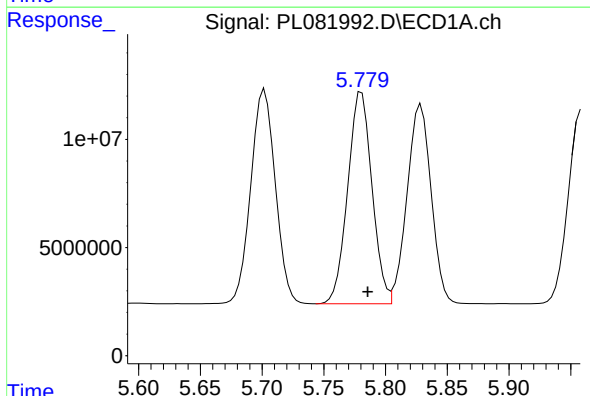
R.T.: 5.702 min  
Delta R.T.: -0.003 min  
Response: 137380907  
Conc: 346.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



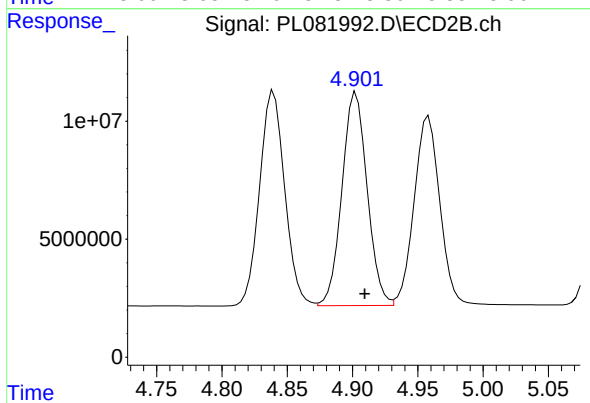
#25 Chlordane-3

R.T.: 4.840 min  
Delta R.T.: -0.009 min  
Response: 121864011  
Conc: 483.84 ng/ml



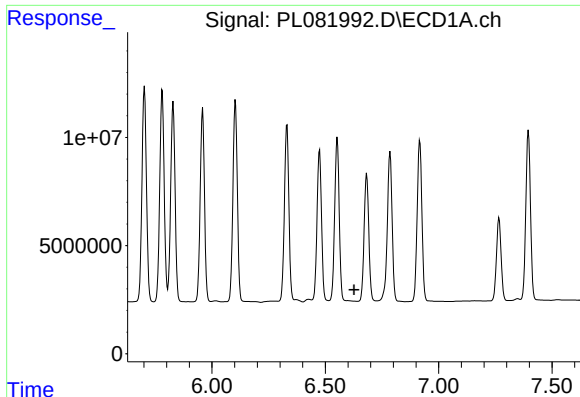
#26 Chlordane-4

R.T.: 5.781 min  
Delta R.T.: -0.005 min  
Response: 134123629  
Conc: 280.27 ng/ml



#26 Chlordane-4

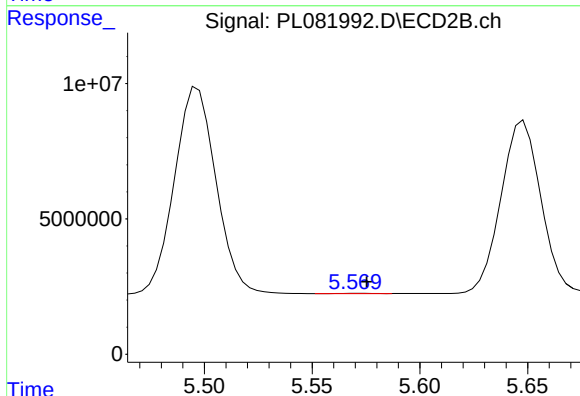
R.T.: 4.903 min  
Delta R.T.: -0.007 min  
Response: 121413291  
Conc: 463.53 ng/ml



#27 Chlordane-5

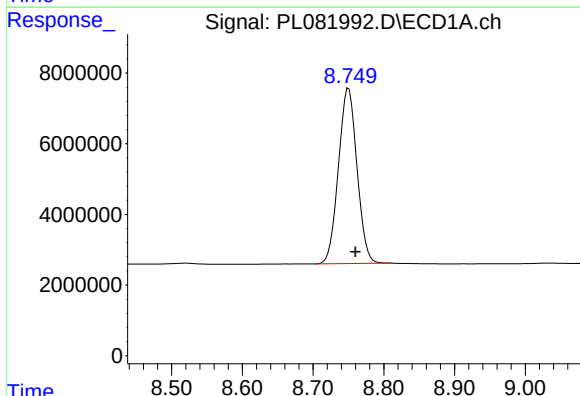
R.T.: 0.000 min  
Exp R.T.: 6.627 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



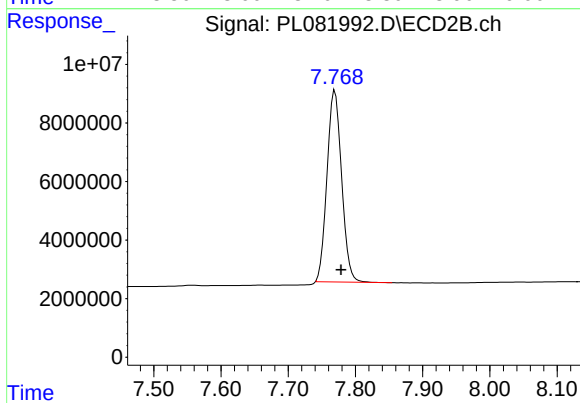
#27 Chlordane-5

R.T.: 5.571 min  
Delta R.T.: -0.005 min  
Response: 87269  
Conc: 1.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.750 min  
Delta R.T.: -0.009 min  
Response: 90443306  
Conc: 50.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.770 min  
Delta R.T.: -0.009 min  
Response: 98123781  
Conc: 49.48 ng/ml