

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053023\  
 Data File : PL083099.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 May 2023 16:45  
 Operator : AR\AJ  
 Sample : 02965-02  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 30 21:08:21 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 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... | 3.318  | 2.637  | 34854822 | 31577008 | 11.859  | 12.163    |
| 2)                          | SA Decachlor... | 8.736  | 7.738  | 13935432 | 56812947 | 6.644   | 22.848 #  |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.802f | 0.000  | 60666862 | 0        | 13.666  | N.D. #    |
| 3)                          | MA gamma-BHC... | 0.000  | 3.483f | 0        | 45398    | N.D.    | 0.014 #   |
| 4)                          | MA Heptachlor   | 4.672  | 3.790  | 1272338  | 2064848  | 0.333   | 0.564 #   |
| 5)                          | MB Aldrin       | 4.984f | 4.087f | 18034280 | 1227977  | 5.126   | 0.377 #   |
| 6)                          | B beta-BHC      | 4.294  | 3.790f | -526617  | 2064848  | N.D.    | 1.444     |
| 7)                          | B delta-BHC     | 4.533  | 3.972f | 3978602  | 482449   | 1.157   | 0.147 #   |
| 10)                         | B gamma-Chl...  | 5.692  | 4.839f | 64359559 | 114.5E6  | 20.258  | 38.128 #  |
| 11)                         | B alpha-Chl...  | 5.773  | 4.879  | 183.0E6  | 88991297 | 57.032  | 29.644 #  |
| 12)                         | B 4,4'-DDE      | 5.947  | 5.069  | 5416269  | 4421946  | 1.965   | 1.821     |
| 13)                         | MA Dieldrin     | 0.000  | 5.210  | 0        | 1791468  | N.D.    | 0.635 #   |
| 14)                         | MA Endrin       | 0.000  | 5.484  | 0        | 2784393  | N.D.    | 1.098 #   |
| 15)                         | B Endosulfa...  | 6.525f | 5.771  | 770119   | 42402013 | N.D.    | 17.138    |
| 16)                         | A 4,4'-DDD      | 6.468  | 5.624  | -94772   | 182980   | N.D.    | 0.095     |
| 17)                         | MA 4,4'-DDT     | 6.773  | 5.872  | 25017841 | 21991516 | 9.994   | 9.857     |
| 18)                         | B Endrin al...  | 6.678  | 5.970f | 1135587  | 1701939  | 0.565   | 0.861 #   |
| 19)                         | B Endosulfa...  | 6.903  | 6.165  | 1777435  | 498223   | 0.693   | 0.203 #   |
| 21)                         | B Endrin ke...  | 0.000  | 6.660f | 0        | 40551    | N.D.    | 0.015 #   |
| 23)                         | Chlordane-1     | 4.459  | 3.618  | 11048135 | 9770268  | 100.988 | 118.408   |
| 24)                         | Chlordane-2     | 4.984  | 4.194  | 18034280 | 19102745 | 163.713 | 214.567 # |
| 25)                         | Chlordane-3     | 5.692  | 4.839f | 64359559 | 114.5E6  | 155.119 | 429.688 # |
| 26)                         | Chlordane-4     | 5.773  | 4.879  | 183.0E6  | 88991297 | 361.459 | 315.850   |
| 27)                         | Chlordane-5     | 6.614  | 5.771  | 44126770 | 42402013 | 537.691 | 436.476   |
| -----                       |                 |        |        |          |          |         |           |

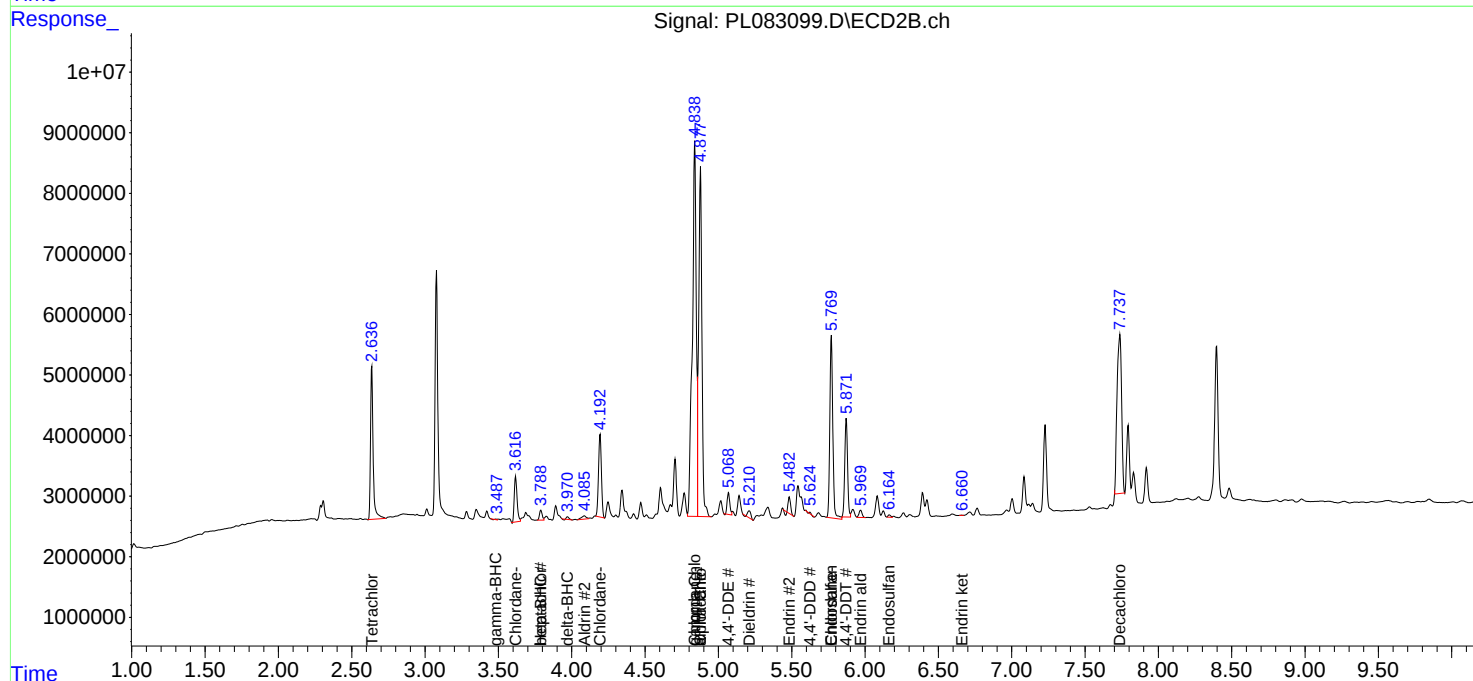
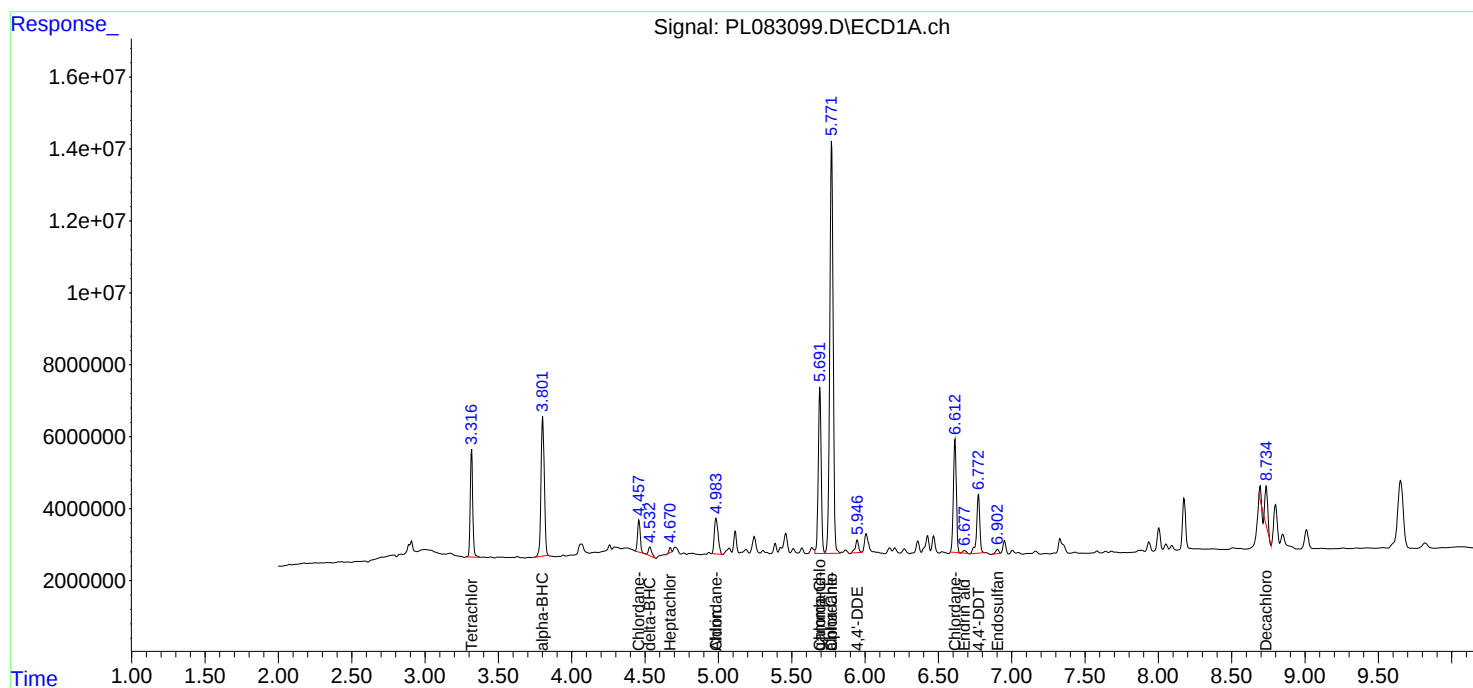
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

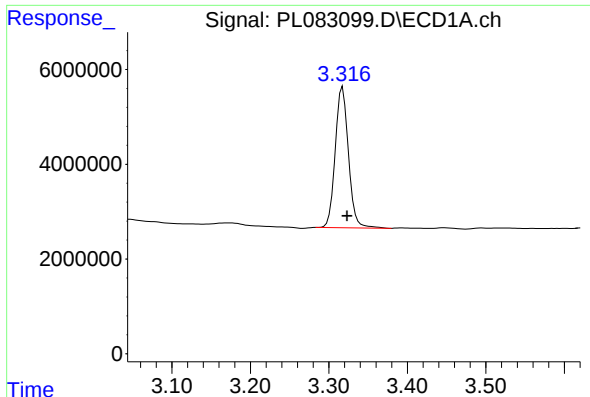
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053023\  
Data File : PL083099.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 May 2023 16:45  
Operator : AR\AJ  
Sample : 02965-02  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 30 21:08:21 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 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

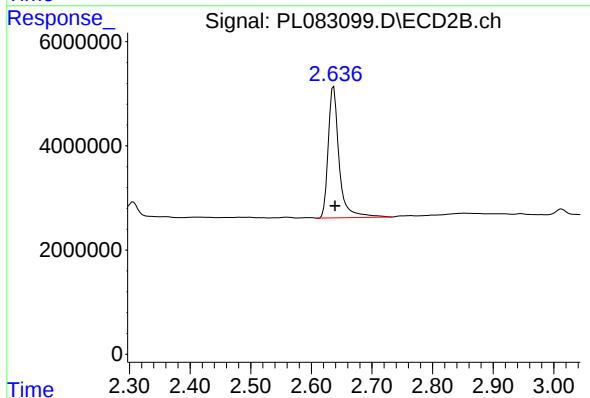




#1 Tetrachloro-m-xylene

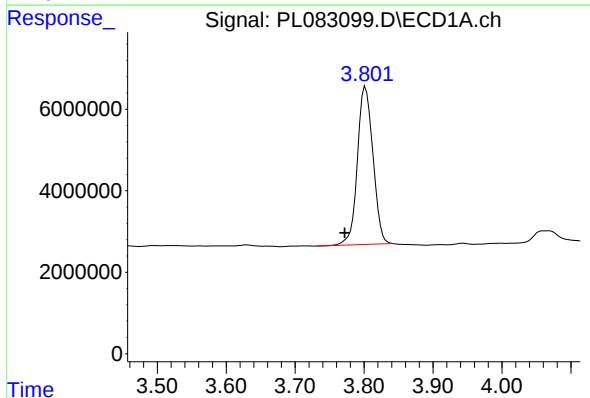
R.T.: 3.318 min  
Delta R.T.: -0.005 min  
Response: 34854822  
Conc: 11.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



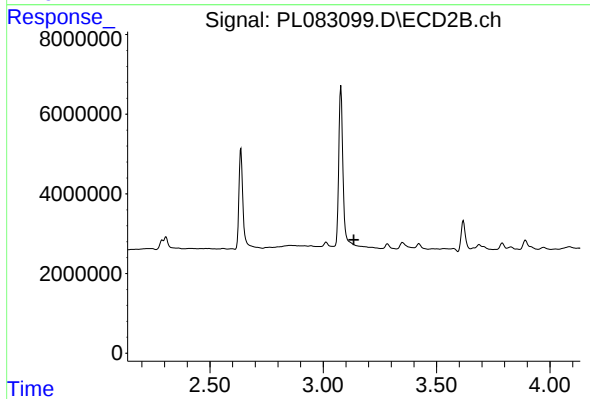
#1 Tetrachloro-m-xylene

R.T.: 2.637 min  
Delta R.T.: -0.002 min  
Response: 31577008  
Conc: 12.16 ng/ml



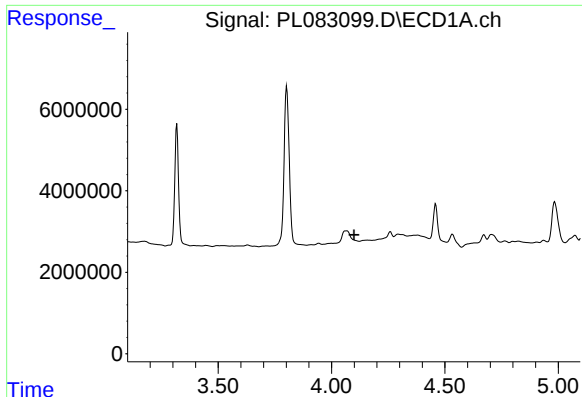
#2 alpha-BHC

R.T.: 3.802 min  
Delta R.T.: 0.030 min  
Response: 60666862  
Conc: 13.67 ng/ml



#2 alpha-BHC

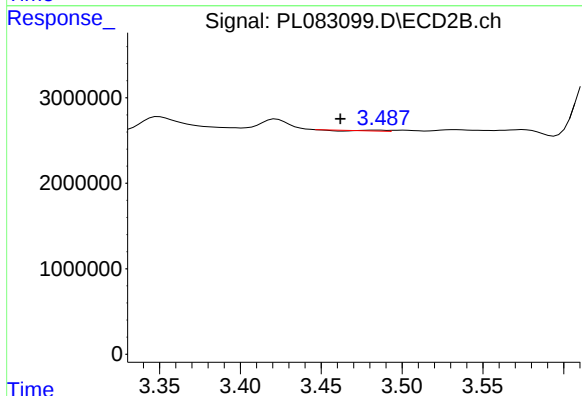
R.T.: 0.000 min  
Exp R.T. : 3.135 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

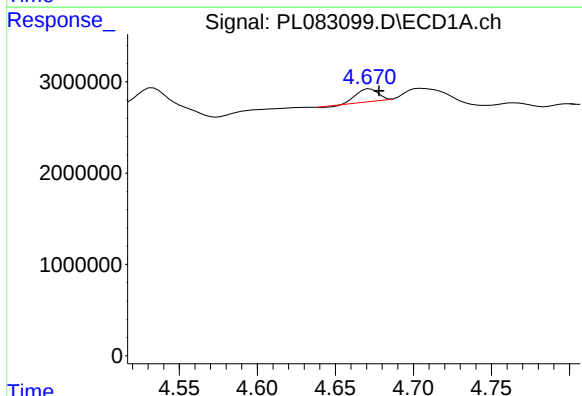
R.T.: 0.000 min  
Exp R.T.: 4.099 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



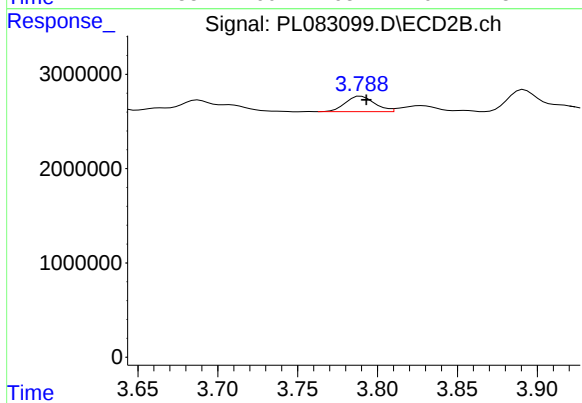
#3 gamma-BHC (Lindane)

R.T.: 3.483 min  
Delta R.T.: 0.021 min  
Response: 45398  
Conc: 0.01 ng/ml



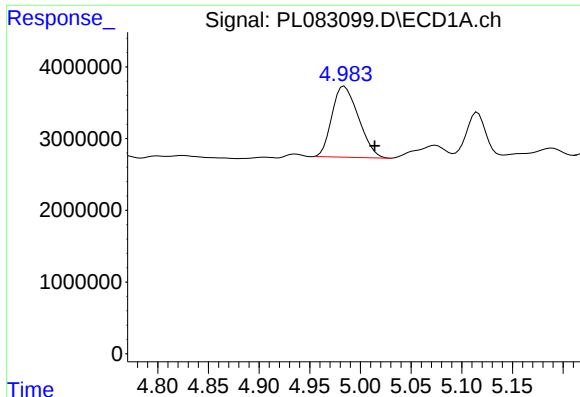
#4 Heptachlor

R.T.: 4.672 min  
Delta R.T.: -0.006 min  
Response: 1272338  
Conc: 0.33 ng/ml



#4 Heptachlor

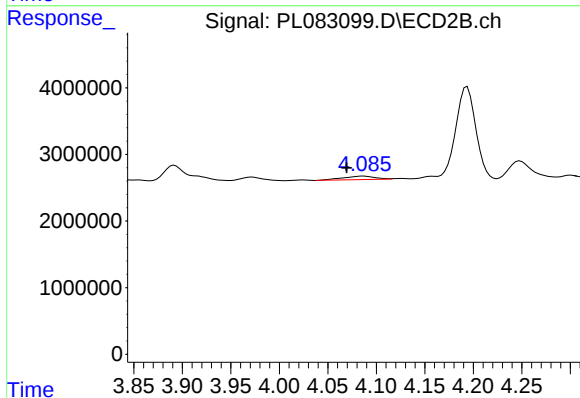
R.T.: 3.790 min  
Delta R.T.: -0.003 min  
Response: 2064848  
Conc: 0.56 ng/ml



#5 Aldrin

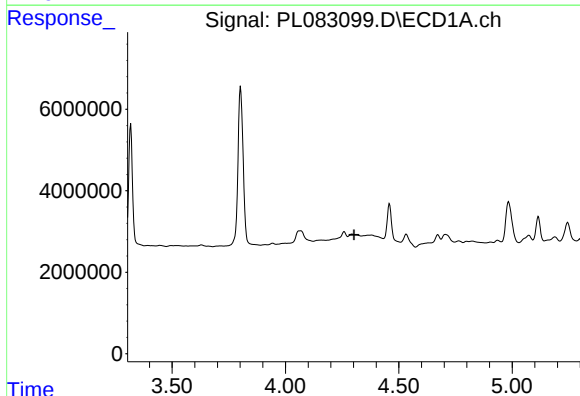
R.T.: 4.984 min  
Delta R.T.: -0.030 min  
Response: 18034280  
Conc: 5.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



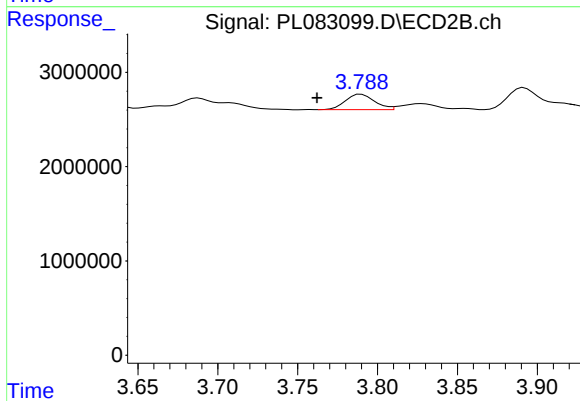
#5 Aldrin

R.T.: 4.087 min  
Delta R.T.: 0.017 min  
Response: 1227977  
Conc: 0.38 ng/ml



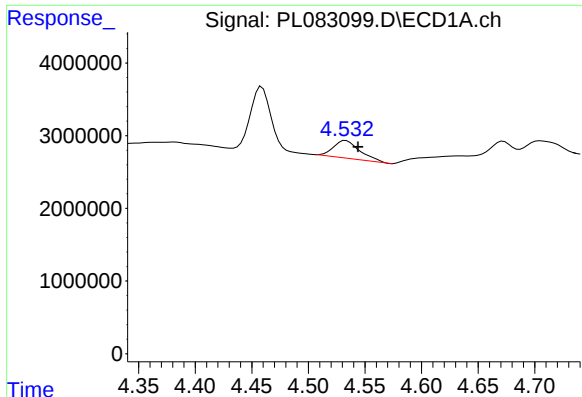
#6 beta-BHC

R.T.: 4.294 min  
Delta R.T.: -0.009 min  
Response: -526617  
Conc: N.D.



#6 beta-BHC

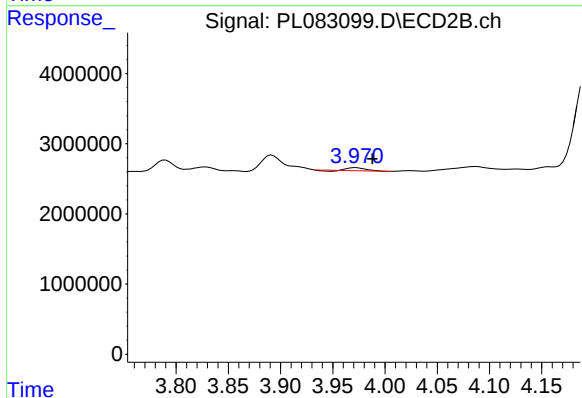
R.T.: 3.790 min  
Delta R.T.: 0.028 min  
Response: 2064848  
Conc: 1.44 ng/ml



#7 delta-BHC

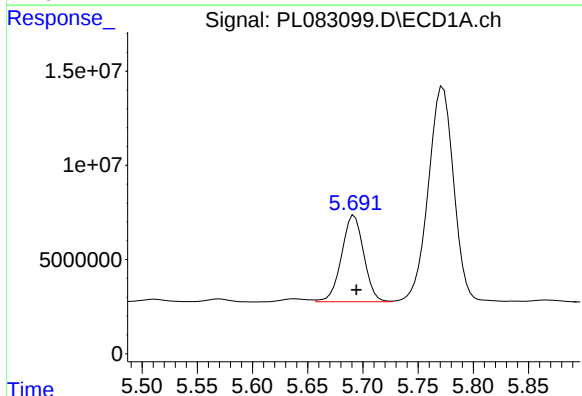
R.T.: 4.533 min  
Delta R.T.: -0.011 min  
Response: 3978602  
Conc: 1.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



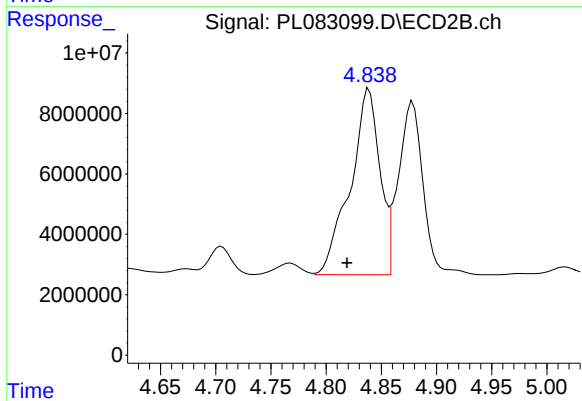
#7 delta-BHC

R.T.: 3.972 min  
Delta R.T.: -0.016 min  
Response: 482449  
Conc: 0.15 ng/ml



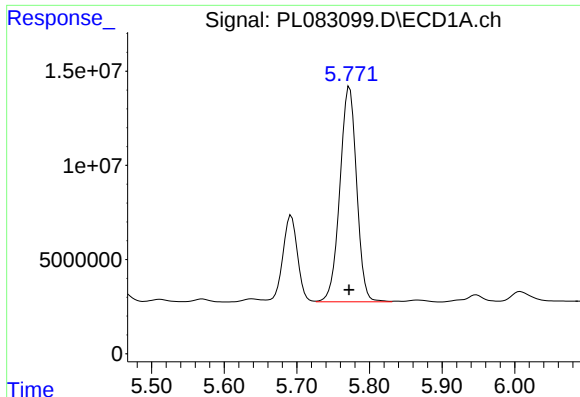
#10 gamma-Chlordane

R.T.: 5.692 min  
Delta R.T.: -0.002 min  
Response: 64359559  
Conc: 20.26 ng/ml



#10 gamma-Chlordane

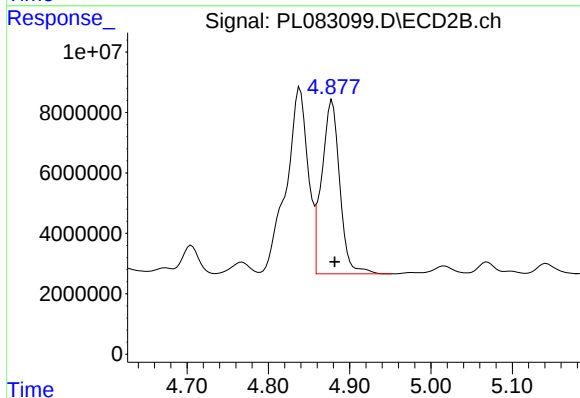
R.T.: 4.839 min  
Delta R.T.: 0.020 min  
Response: 114513905  
Conc: 38.13 ng/ml



#11 alpha-Chlordane

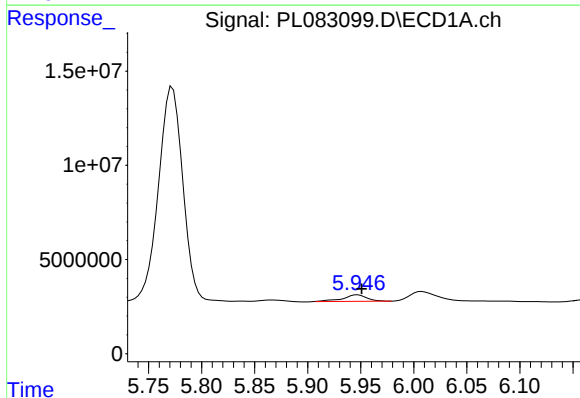
R.T.: 5.773 min  
Delta R.T.: 0.000 min  
Response: 183034602  
Conc: 57.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



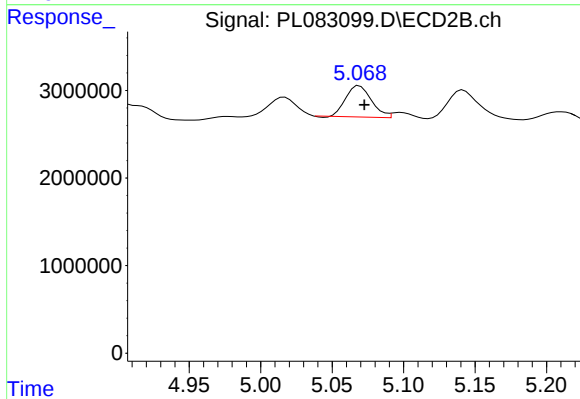
#11 alpha-Chlordane

R.T.: 4.879 min  
Delta R.T.: -0.003 min  
Response: 88991297  
Conc: 29.64 ng/ml



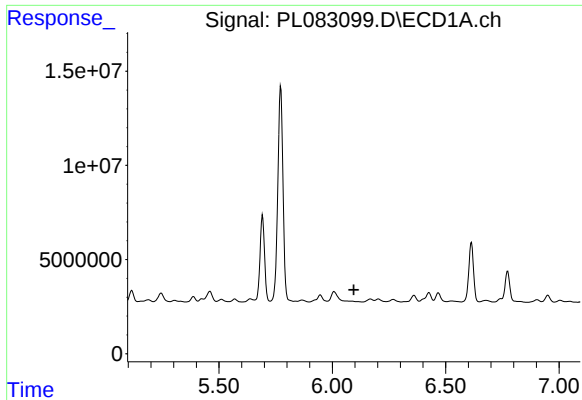
#12 4,4'-DDE

R.T.: 5.947 min  
Delta R.T.: -0.004 min  
Response: 5416269  
Conc: 1.96 ng/ml



#12 4,4'-DDE

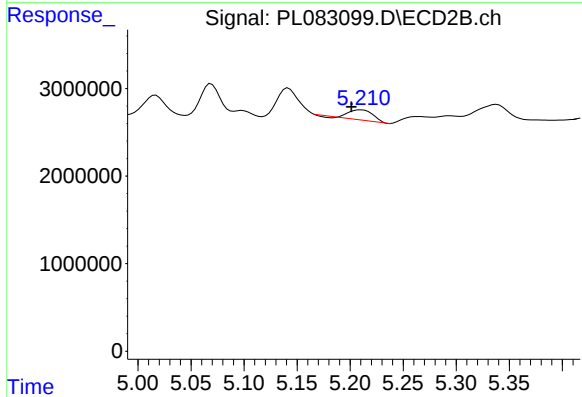
R.T.: 5.069 min  
Delta R.T.: -0.003 min  
Response: 4421946  
Conc: 1.82 ng/ml



#13 Dieldrin

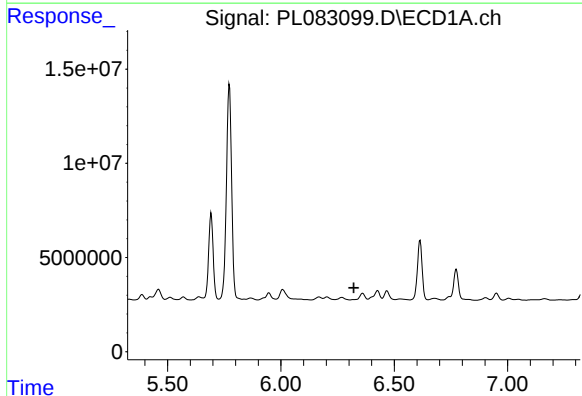
R.T.: 0.000 min  
Exp R.T.: 6.095 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



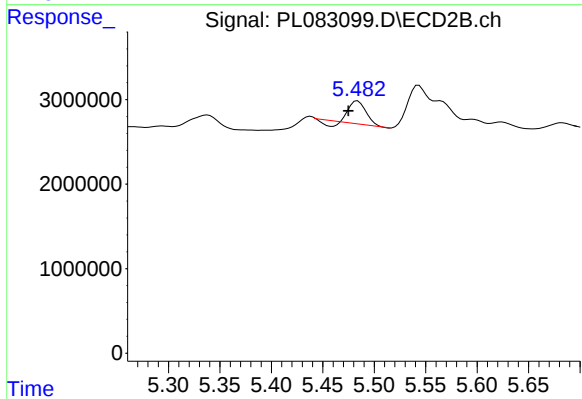
#13 Dieldrin

R.T.: 5.210 min  
Delta R.T.: 0.009 min  
Response: 1791468  
Conc: 0.63 ng/ml



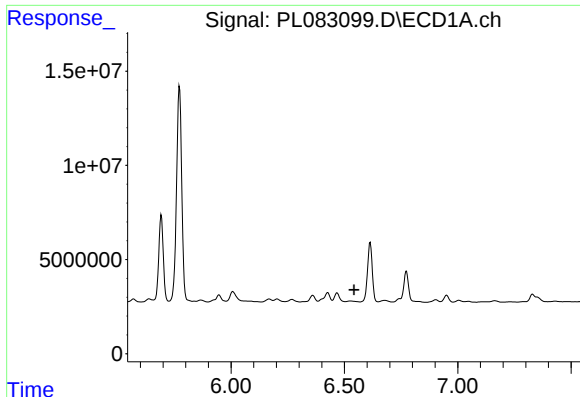
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.321 min  
Response: 0  
Conc: N.D.



#14 Endrin

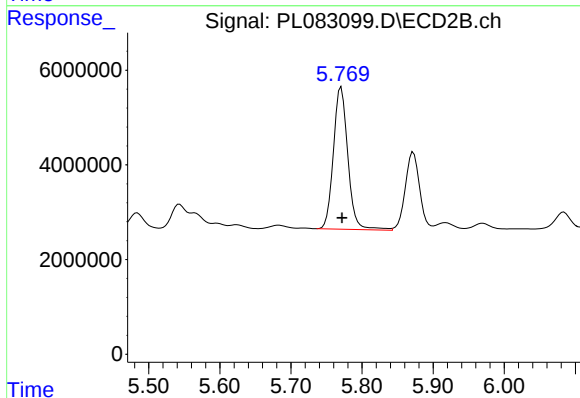
R.T.: 5.484 min  
Delta R.T.: 0.009 min  
Response: 2784393  
Conc: 1.10 ng/ml



#15 Endosulfan II

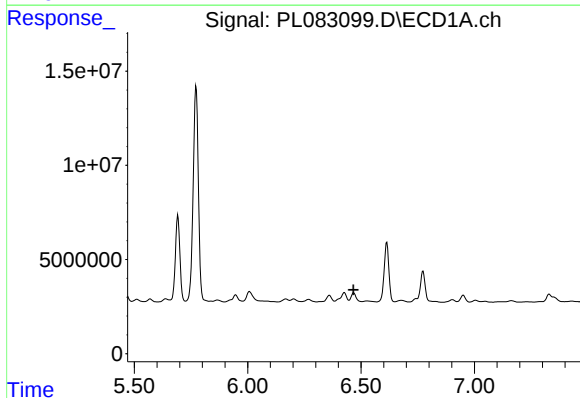
R.T.: 6.525 min  
Delta R.T.: -0.018 min  
Response: 770119  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



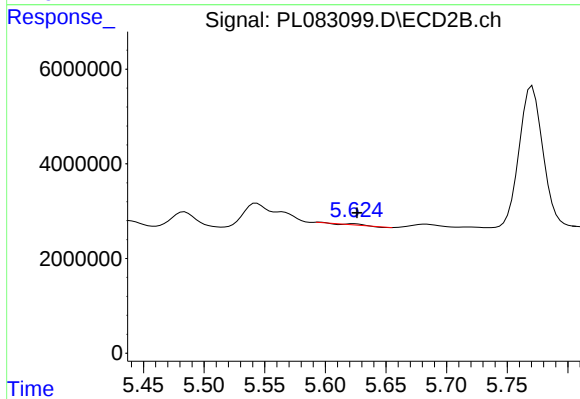
#15 Endosulfan II

R.T.: 5.771 min  
Delta R.T.: -0.001 min  
Response: 42402013  
Conc: 17.14 ng/ml



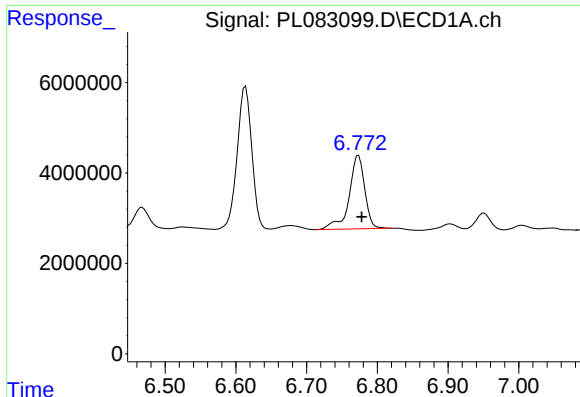
#16 4,4'-DDD

R.T.: 6.468 min  
Delta R.T.: 0.000 min  
Response: -94772  
Conc: N.D.



#16 4,4'-DDD

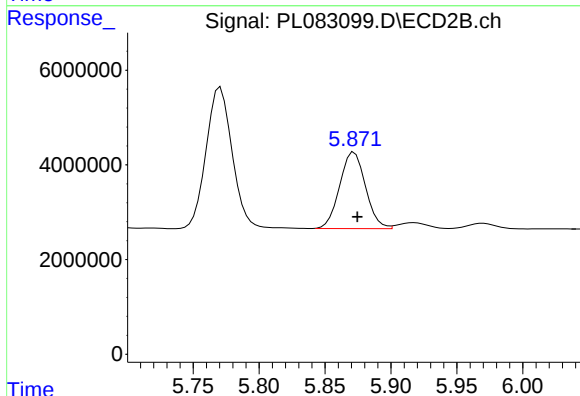
R.T.: 5.624 min  
Delta R.T.: -0.002 min  
Response: 182980  
Conc: 0.10 ng/ml



#17 4,4'-DDT

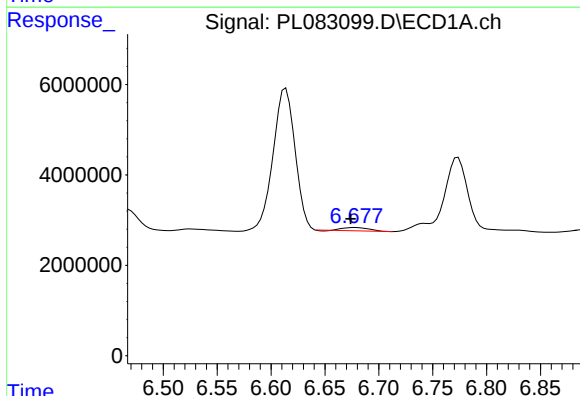
R.T.: 6.773 min  
Delta R.T.: -0.005 min  
Response: 25017841  
Conc: 9.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



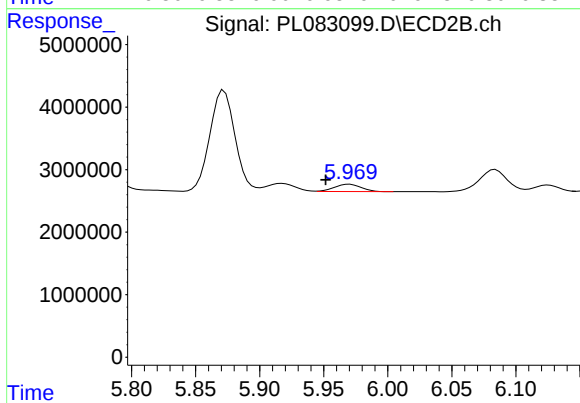
#17 4,4'-DDT

R.T.: 5.872 min  
Delta R.T.: -0.003 min  
Response: 21991516  
Conc: 9.86 ng/ml



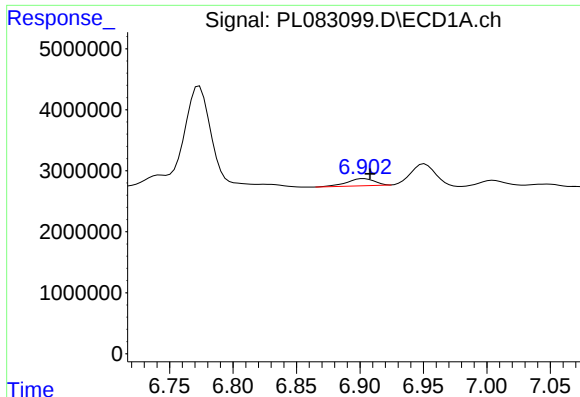
#18 Endrin aldehyde

R.T.: 6.678 min  
Delta R.T.: 0.004 min  
Response: 1135587  
Conc: 0.56 ng/ml



#18 Endrin aldehyde

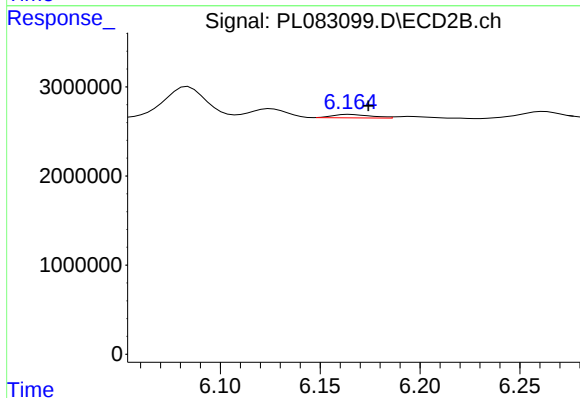
R.T.: 5.970 min  
Delta R.T.: 0.018 min  
Response: 1701939  
Conc: 0.86 ng/ml



#19 Endosulfan Sulfate

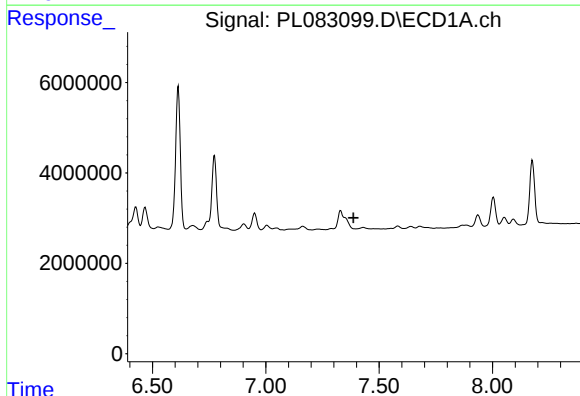
R.T.: 6.903 min  
Delta R.T.: -0.005 min  
Response: 1777435  
Conc: 0.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



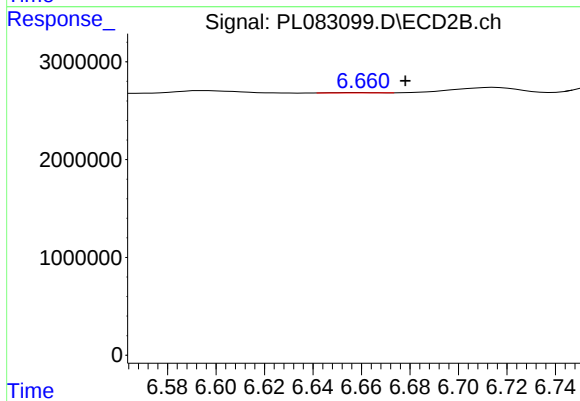
#19 Endosulfan Sulfate

R.T.: 6.165 min  
Delta R.T.: -0.009 min  
Response: 498223  
Conc: 0.20 ng/ml



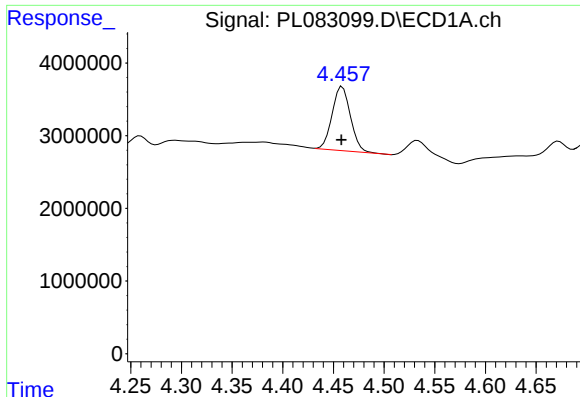
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.387 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

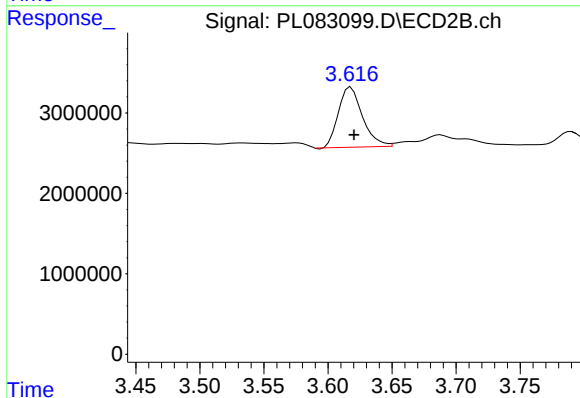
R.T.: 6.660 min  
Delta R.T.: -0.018 min  
Response: 40551  
Conc: 0.01 ng/ml



#23 Chlordane-1

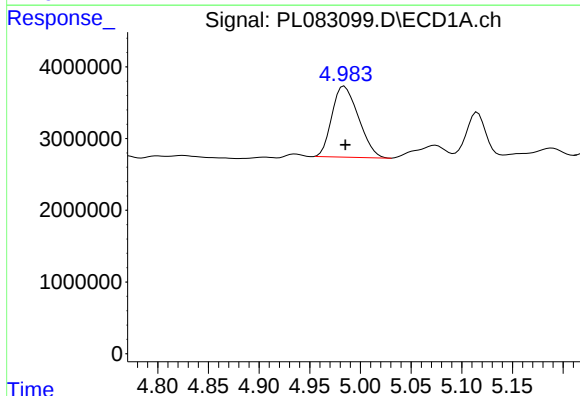
R.T.: 4.459 min  
Delta R.T.: 0.000 min  
Response: 11048135  
Conc: 100.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



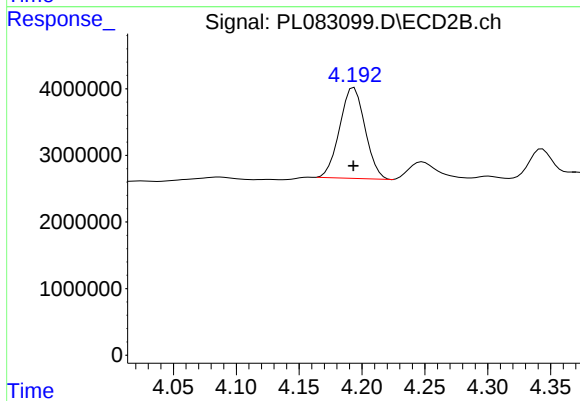
#23 Chlordane-1

R.T.: 3.618 min  
Delta R.T.: -0.002 min  
Response: 9770268  
Conc: 118.41 ng/ml



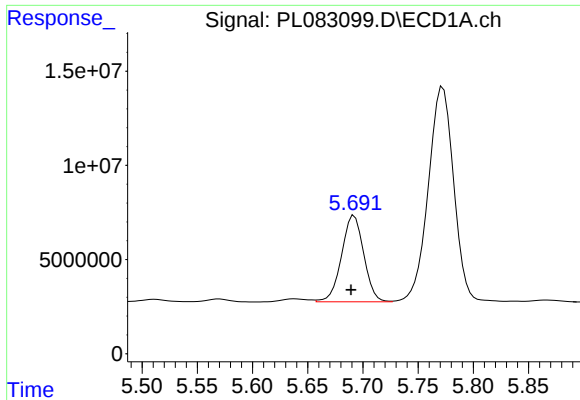
#24 Chlordane-2

R.T.: 4.984 min  
Delta R.T.: -0.001 min  
Response: 18034280  
Conc: 163.71 ng/ml



#24 Chlordane-2

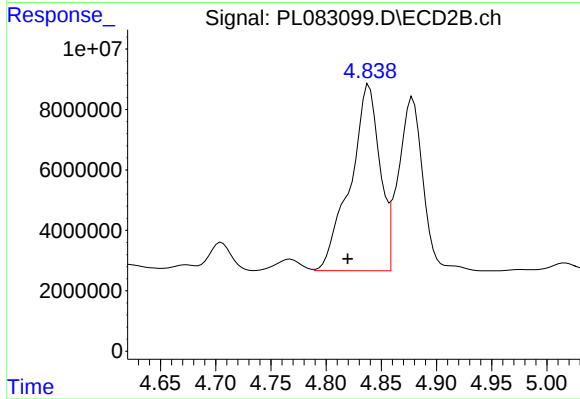
R.T.: 4.194 min  
Delta R.T.: 0.000 min  
Response: 19102745  
Conc: 214.57 ng/ml



#25 Chlordane-3

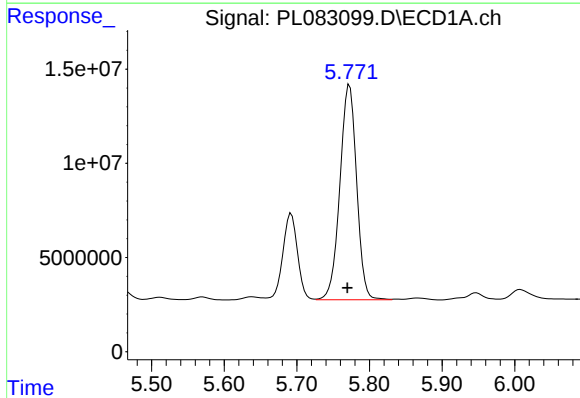
R.T.: 5.692 min  
Delta R.T.: 0.003 min  
Response: 64359559  
Conc: 155.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



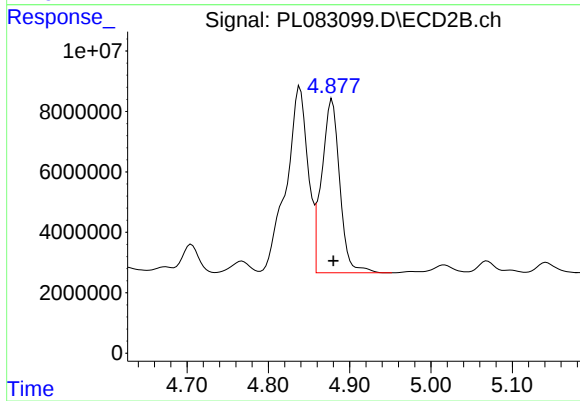
#25 Chlordane-3

R.T.: 4.839 min  
Delta R.T.: 0.019 min  
Response: 114513905  
Conc: 429.69 ng/ml



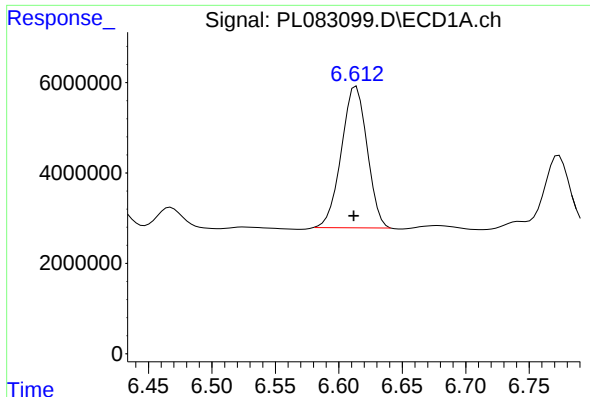
#26 Chlordane-4

R.T.: 5.773 min  
Delta R.T.: 0.003 min  
Response: 183034602  
Conc: 361.46 ng/ml



#26 Chlordane-4

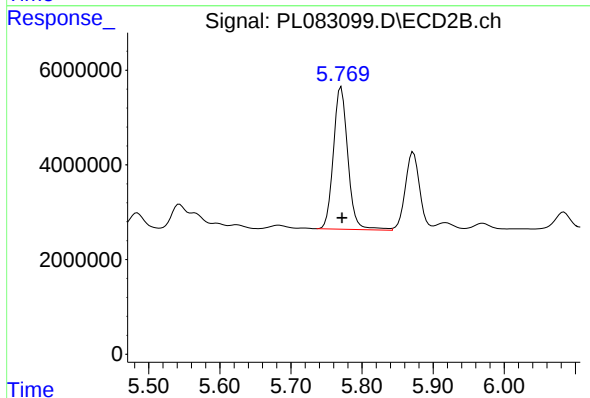
R.T.: 4.879 min  
Delta R.T.: -0.001 min  
Response: 88991297  
Conc: 315.85 ng/ml



#27 Chlordane-5

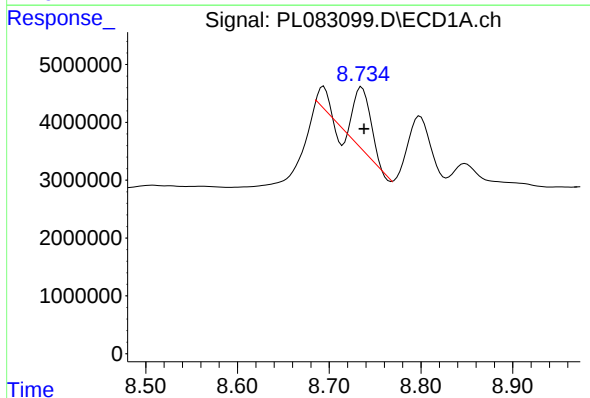
R.T.: 6.614 min  
Delta R.T.: 0.002 min  
Response: 44126770  
Conc: 537.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



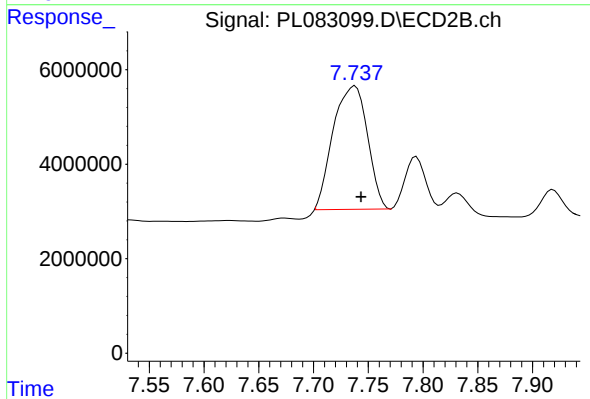
#27 Chlordane-5

R.T.: 5.771 min  
Delta R.T.: -0.001 min  
Response: 42402013  
Conc: 436.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.736 min  
Delta R.T.: -0.002 min  
Response: 13935432  
Conc: 6.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.738 min  
Delta R.T.: -0.005 min  
Response: 56812947  
Conc: 22.85 ng/ml