

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061923\  
 Data File : PL083543.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jun 2023 14:27  
 Operator : AR\AJ  
 Sample : PB153489BS  
 Misc : CHLOR BS  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB153489BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 20 04:10:19 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... | 3.459  | 2.752  | 40525985 | 51612016 | 18.335  | 22.157   |
| 28)                         | SA Decachlor... | 8.997  | 7.965  | 39663111 | 46945415 | 20.815  | 19.114   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.931f | 3.268  | 789471   | 69237    | 0.254   | 0.021 #  |
| 3)                          | MA gamma-BHC... | 4.271f | 3.608  | 222351   | -9914    | 0.078   | N.D. #   |
| 4)                          | MA Heptachlor   | 4.840  | 3.944  | 25887340 | 25529668 | 9.363   | 8.247    |
| 5)                          | MB Aldrin       | 5.157f | 4.246f | 20288410 | 1461796  | 7.807   | 0.486 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.128  | 0        | 2417930  | N.D.    | 0.750 #  |
| 8)                          | B Heptachlo...  | 5.595  | 0.000  | 11546048 | 0        | 4.549   | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.101  | 0        | 5734567  | N.D.    | 2.128 #  |
| 10)                         | B gamma-Chl...  | 5.870  | 4.991  | 69745744 | 57612795 | 28.992  | 19.472 # |
| 11)                         | B alpha-Chl...  | 5.952  | 5.055  | 86558959 | 60291756 | 36.543  | 20.381 # |
| 12)                         | B 4,4'-DDE      | 6.106  | 5.277f | 517826   | -42006   | 0.257   | N.D. #   |
| 13)                         | MA Dieldrin     | 6.275  | 5.356f | 2775684  | 1748599  | 1.236   | 0.624 #  |
| 14)                         | MA Endrin       | 0.000  | 5.660  | 0        | 4497204  | N.D.    | 1.948 #  |
| 15)                         | B Endosulfa...  | 6.698f | 5.956  | 6486851  | 21426847 | 3.475   | 9.027 #  |
| 16)                         | A 4,4'-DDD      | 6.661f | 5.820  | 6866762  | 108323   | 4.022   | 0.049 #  |
| 17)                         | MA 4,4'-DDT     | 6.926f | 6.059  | 1247223  | -137768  | 0.741   | N.D. #   |
| 18)                         | B Endrin al...  | 6.857  | 6.141  | 1063846  | 2695571  | 0.718   | 1.426 #  |
| 19)                         | B Endosulfa...  | 7.089  | 6.362  | 212180   | 819736   | 0.110   | 0.338 #  |
| 20)                         | A Methoxychlor  | 7.420  | 0.000  | 272569   | 0        | 0.300   | N.D. #   |
| 21)                         | B Endrin ke...  | 0.000  | 6.883f | 0        | 634097   | N.D.    | 0.226 #  |
| 23)                         | Chlordane-1     | 4.625  | 3.766  | 17577481 | 17674904 | 182.723 | 180.316  |
| 24)                         | Chlordane-2     | 5.157  | 4.352  | 20288410 | 22458866 | 186.996 | 186.770  |
| 25)                         | Chlordane-3     | 5.870  | 4.991  | 69745744 | 57612795 | 182.531 | 175.834  |
| 26)                         | Chlordane-4     | 5.952  | 5.055  | 86558959 | 60291756 | 187.185 | 178.865  |
| 27)                         | Chlordane-5     | 6.801  | 5.956  | 14198033 | 21426847 | 178.879 | 192.726  |
| -----                       |                 |        |        |          |          |         |          |

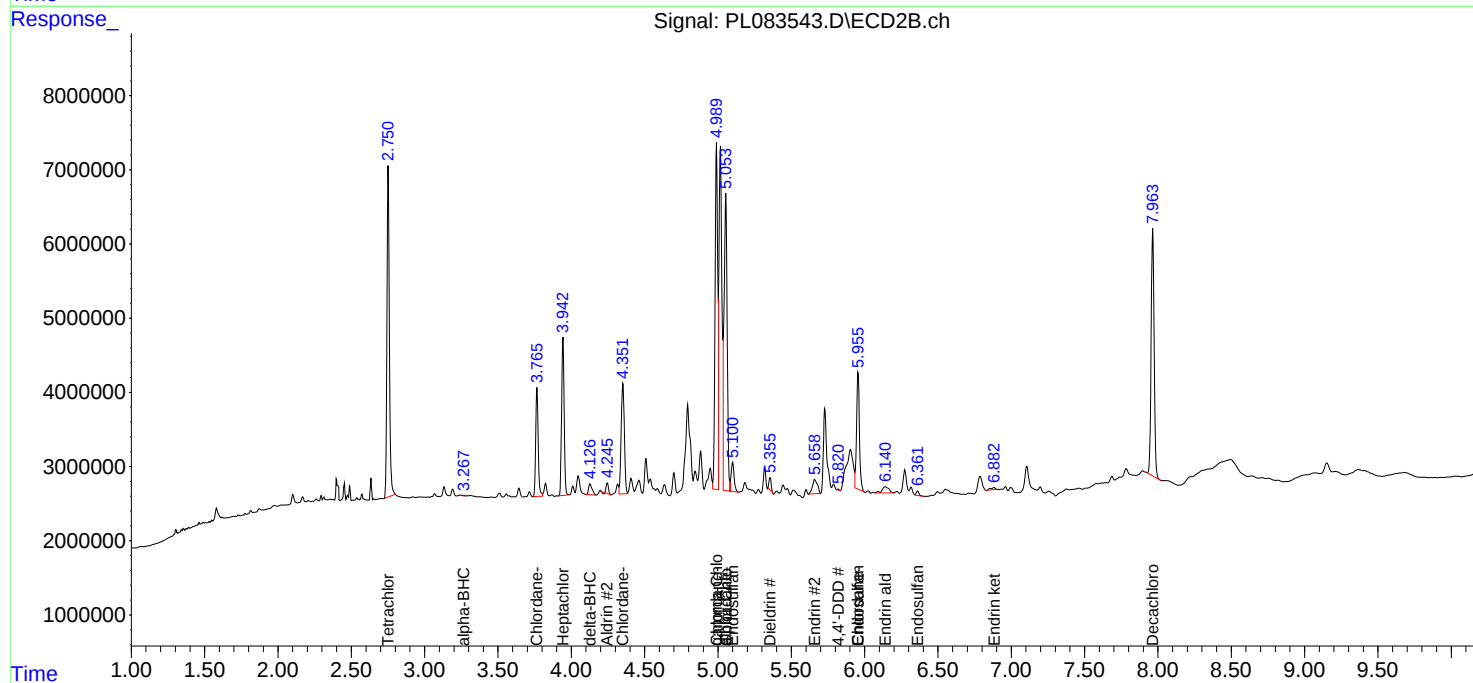
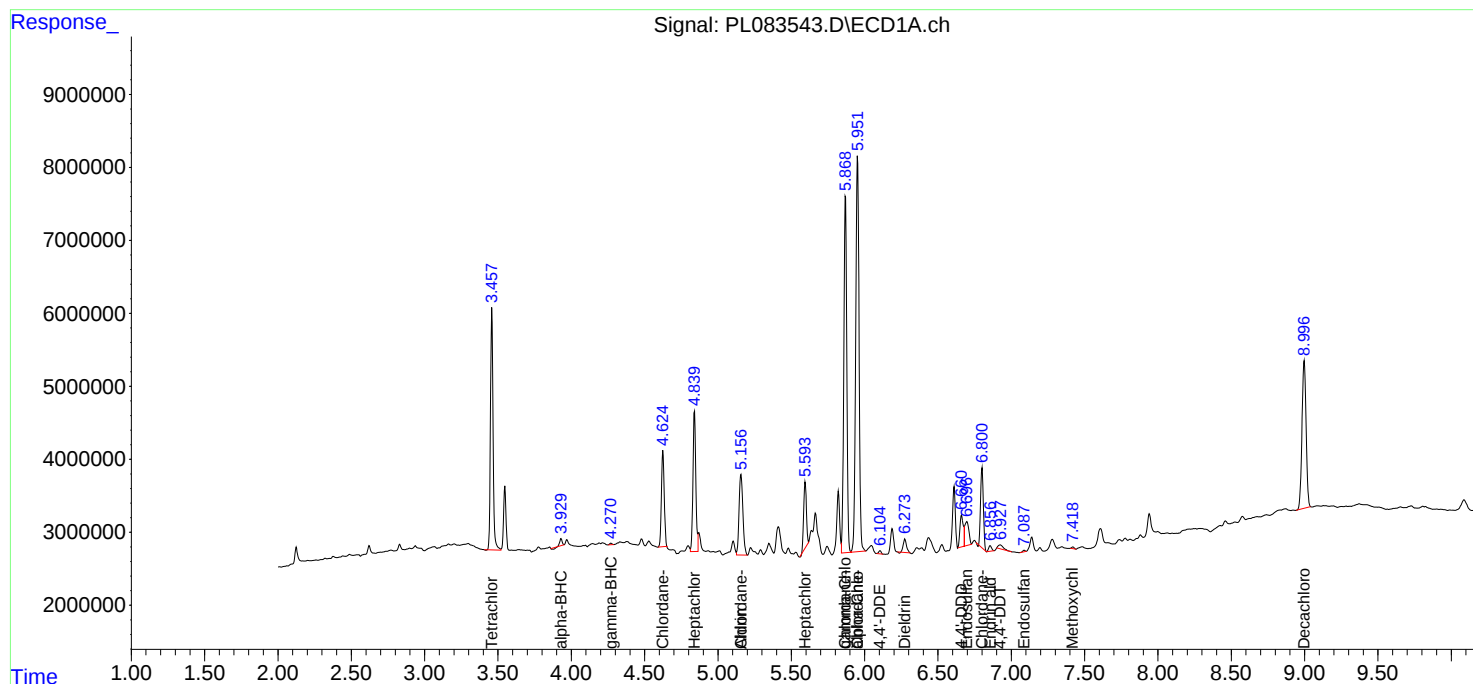
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

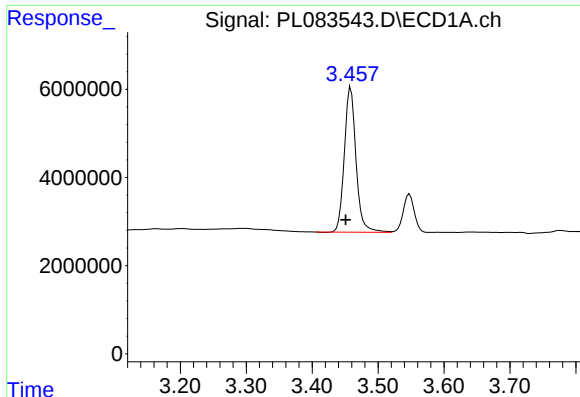
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061923\  
Data File : PL083543.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Jun 2023 14:27  
Operator : AR\AJ  
Sample : PB153489BS  
Misc : CHLOR BS  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB153489BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 20 04:10:19 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

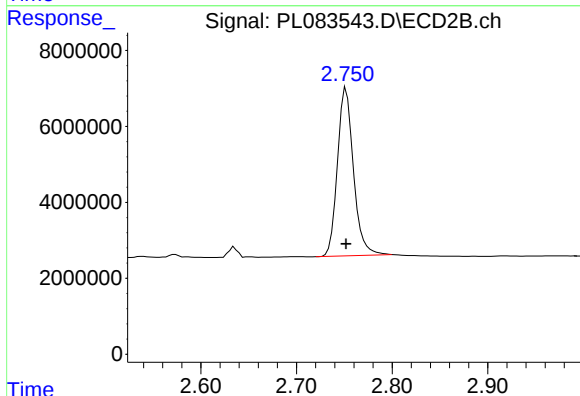




#1 Tetrachloro-m-xylene

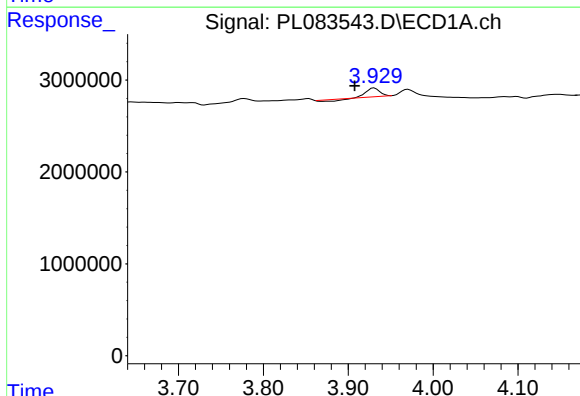
R.T.: 3.459 min  
Delta R.T.: 0.008 min  
Response: 40525985  
Conc: 18.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB153489BS



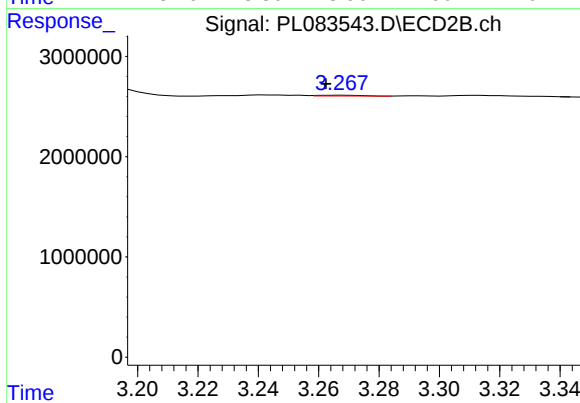
#1 Tetrachloro-m-xylene

R.T.: 2.752 min  
Delta R.T.: 0.000 min  
Response: 51612016  
Conc: 22.16 ng/ml



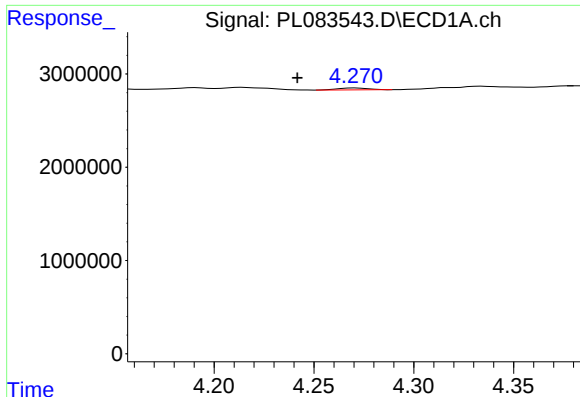
#2 alpha-BHC

R.T.: 3.931 min  
Delta R.T.: 0.023 min  
Response: 789471  
Conc: 0.25 ng/ml



#2 alpha-BHC

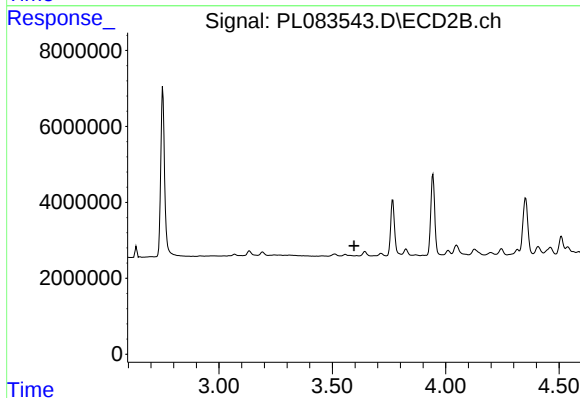
R.T.: 3.268 min  
Delta R.T.: 0.006 min  
Response: 69237  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

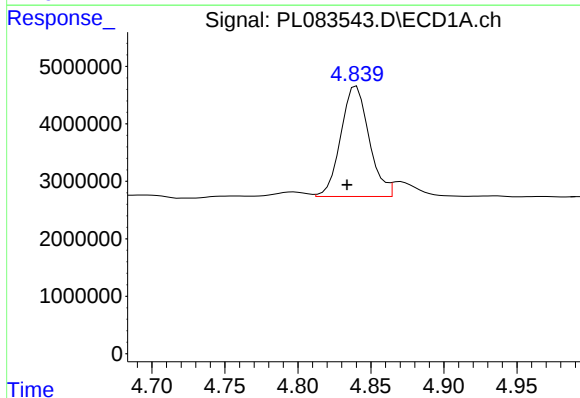
R.T.: 4.271 min  
Delta R.T.: 0.029 min  
Response: 222351  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB153489BS



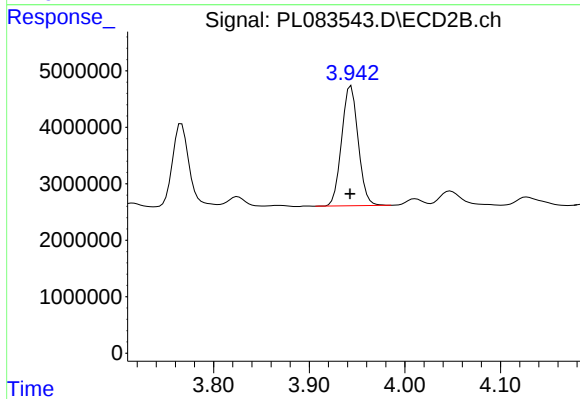
#3 gamma-BHC (Lindane)

R.T.: 3.608 min  
Delta R.T.: 0.012 min  
Response: -9914  
Conc: N.D.



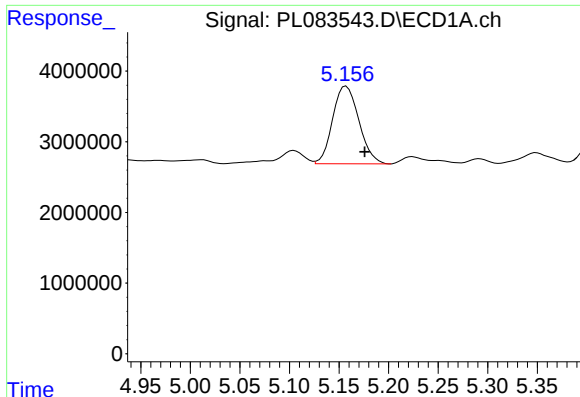
#4 Heptachlor

R.T.: 4.840 min  
Delta R.T.: 0.007 min  
Response: 25887340  
Conc: 9.36 ng/ml



#4 Heptachlor

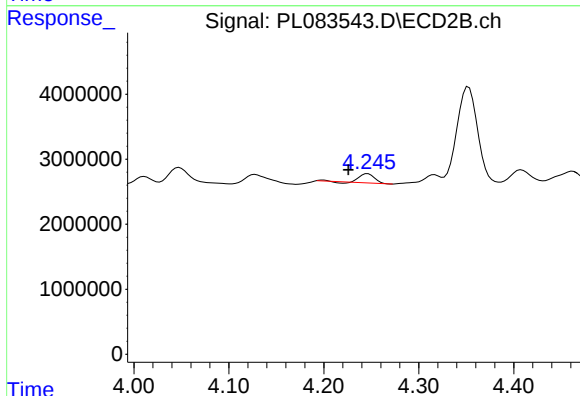
R.T.: 3.944 min  
Delta R.T.: 0.000 min  
Response: 25529668  
Conc: 8.25 ng/ml



#5 Aldrin

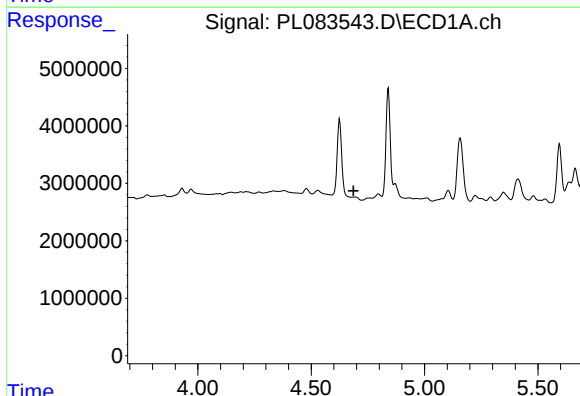
R.T.: 5.157 min  
Delta R.T.: -0.019 min  
Response: 20288410  
Conc: 7.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB153489BS



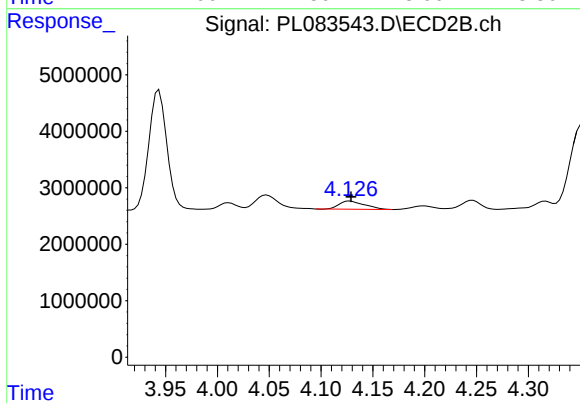
#5 Aldrin

R.T.: 4.246 min  
Delta R.T.: 0.020 min  
Response: 1461796  
Conc: 0.49 ng/ml



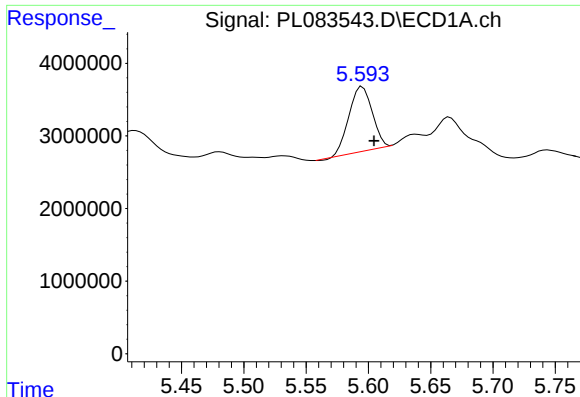
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.687 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

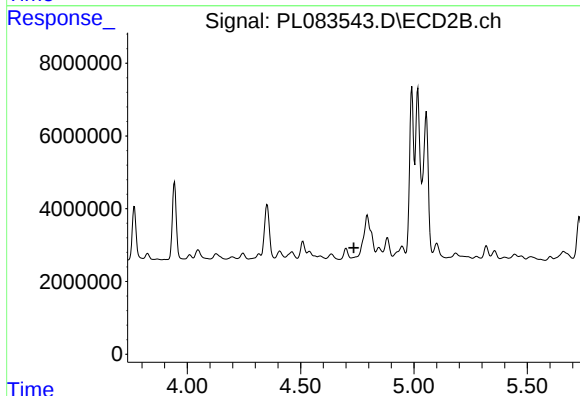
R.T.: 4.128 min  
Delta R.T.: -0.001 min  
Response: 2417930  
Conc: 0.75 ng/ml



#8 Heptachlor epoxide

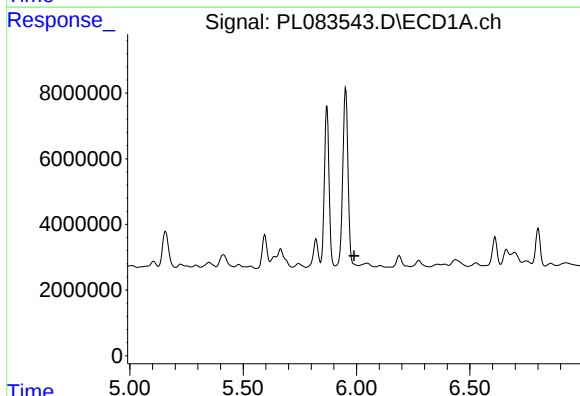
R.T.: 5.595 min  
Delta R.T.: -0.009 min  
Response: 11546048  
Conc: 4.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB153489BS



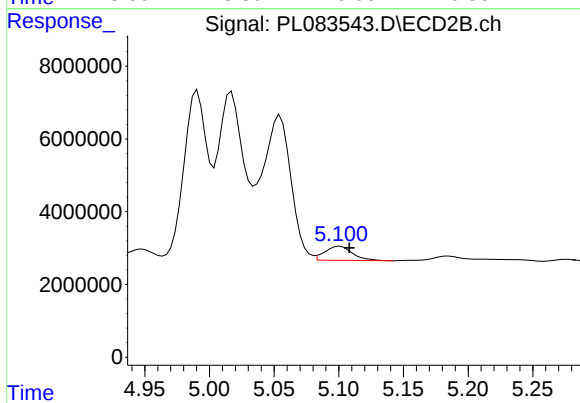
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.735 min  
Response: 0  
Conc: N.D.



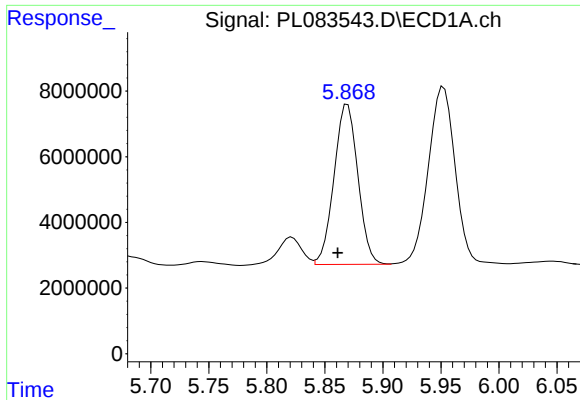
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.989 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

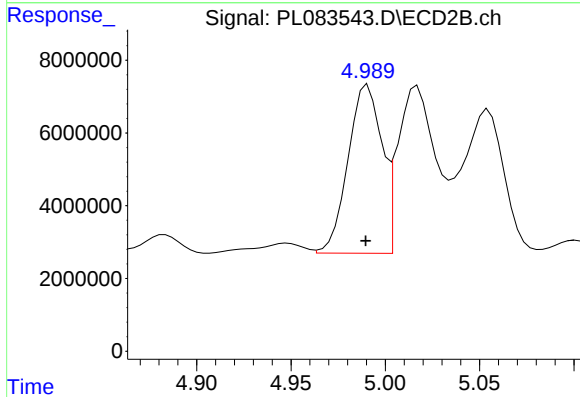
R.T.: 5.101 min  
Delta R.T.: -0.007 min  
Response: 5734567  
Conc: 2.13 ng/ml



#10 gamma-Chlordane

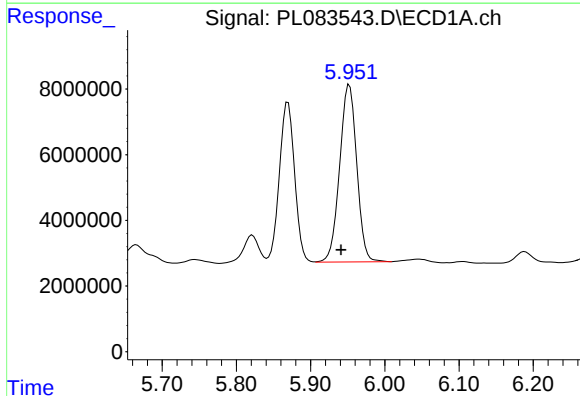
R.T.: 5.870 min  
Delta R.T.: 0.008 min  
Response: 69745744  
Conc: 28.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB153489BS



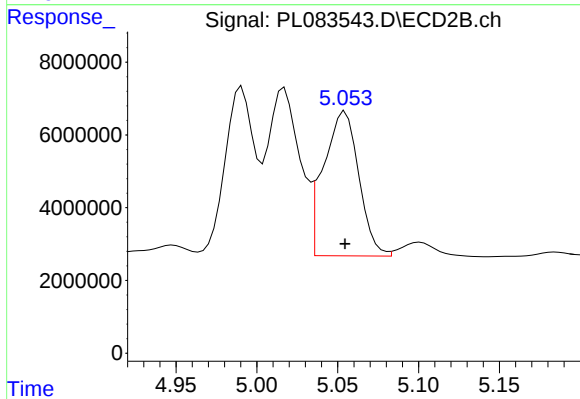
#10 gamma-Chlordane

R.T.: 4.991 min  
Delta R.T.: 0.001 min  
Response: 57612795  
Conc: 19.47 ng/ml



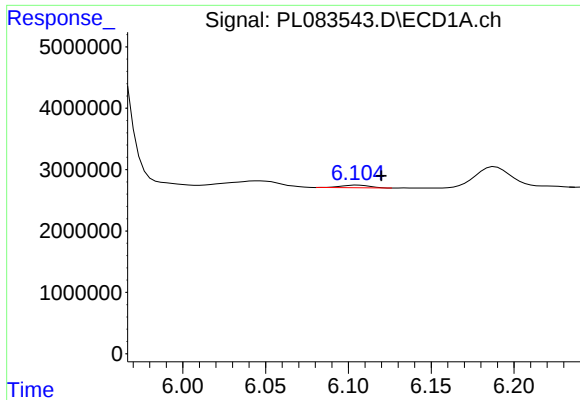
#11 alpha-Chlordane

R.T.: 5.952 min  
Delta R.T.: 0.011 min  
Response: 86558959  
Conc: 36.54 ng/ml



#11 alpha-Chlordane

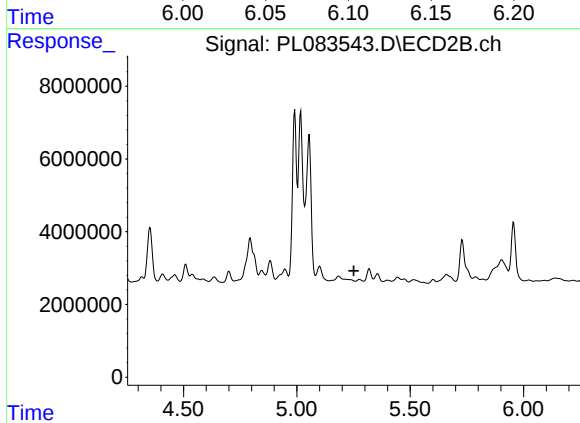
R.T.: 5.055 min  
Delta R.T.: 0.000 min  
Response: 60291756  
Conc: 20.38 ng/ml



#12 4,4'-DDE

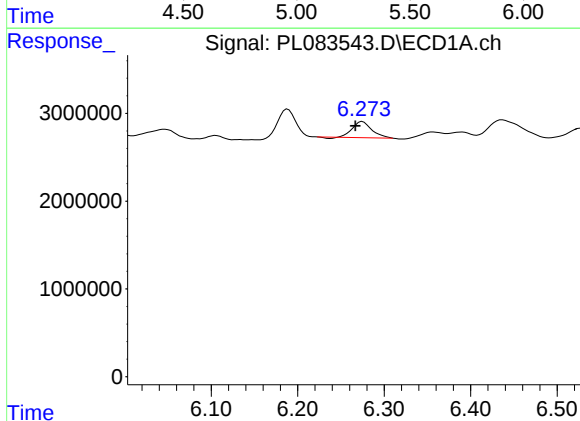
R.T.: 6.106 min  
Delta R.T.: -0.014 min  
Response: 517826  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB153489BS



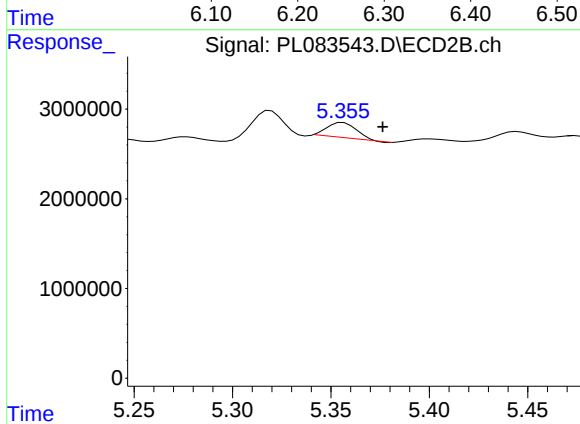
#12 4,4'-DDE

R.T.: 5.277 min  
Delta R.T.: 0.025 min  
Response: -42006  
Conc: N.D.



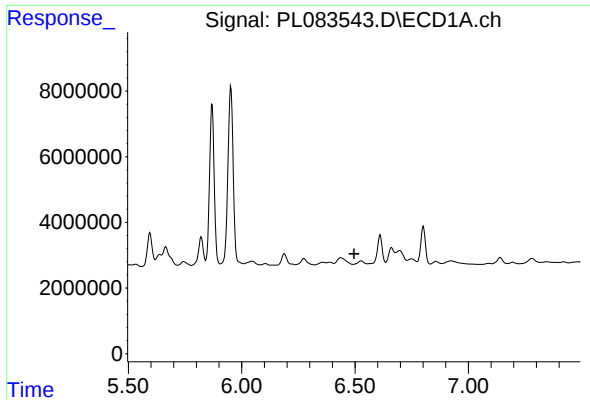
#13 Dieldrin

R.T.: 6.275 min  
Delta R.T.: 0.008 min  
Response: 2775684  
Conc: 1.24 ng/ml



#13 Dieldrin

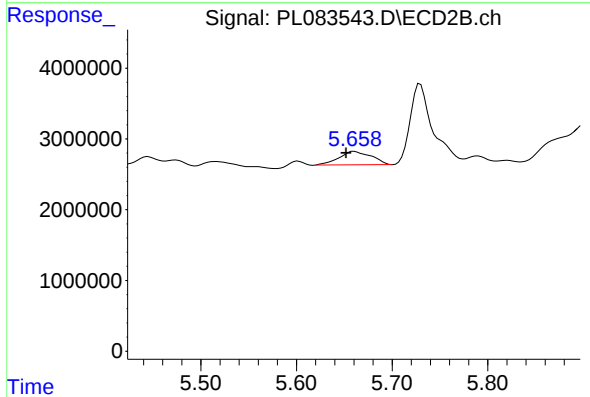
R.T.: 5.356 min  
Delta R.T.: -0.020 min  
Response: 1748599  
Conc: 0.62 ng/ml



#14 Endrin

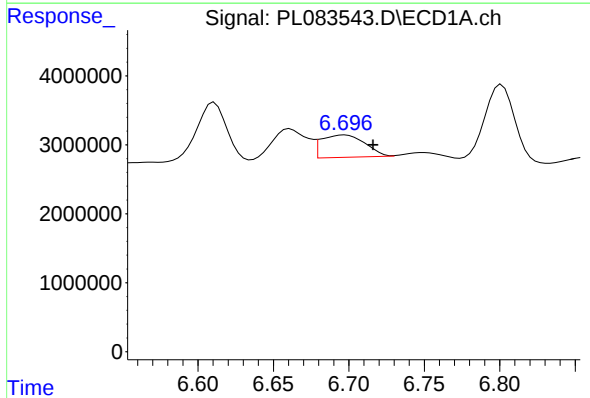
R.T.: 0.000 min  
Exp R.T.: 6.496 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB153489BS



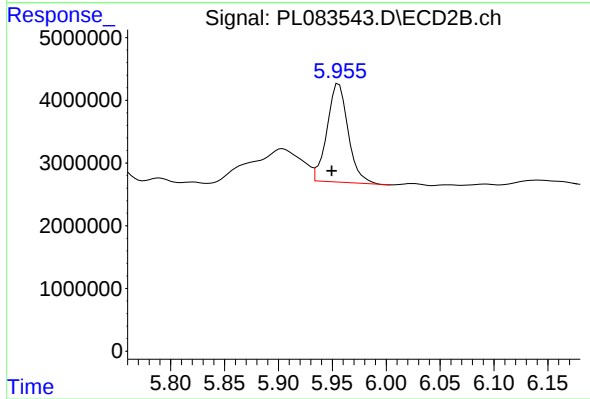
#14 Endrin

R.T.: 5.660 min  
Delta R.T.: 0.008 min  
Response: 4497204  
Conc: 1.95 ng/ml



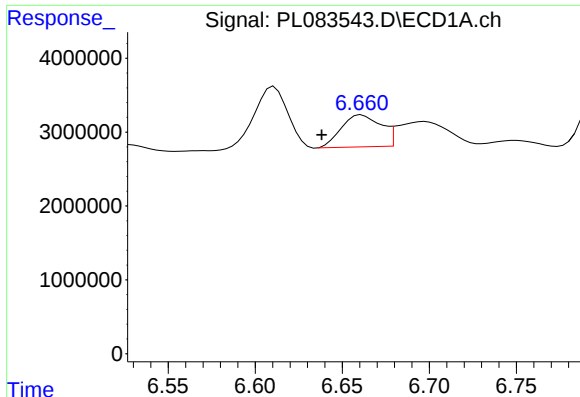
#15 Endosulfan II

R.T.: 6.698 min  
Delta R.T.: -0.018 min  
Response: 6486851  
Conc: 3.48 ng/ml



#15 Endosulfan II

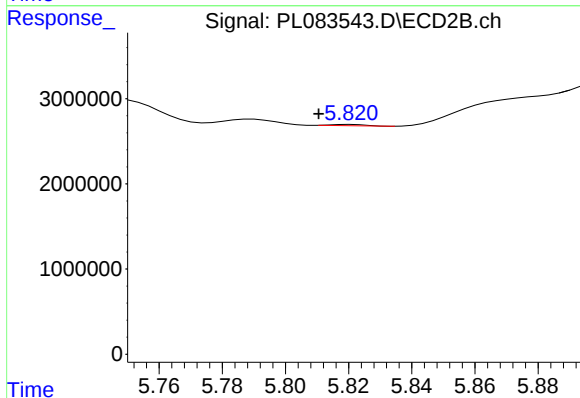
R.T.: 5.956 min  
Delta R.T.: 0.007 min  
Response: 21426847  
Conc: 9.03 ng/ml



#16 4,4'-DDD

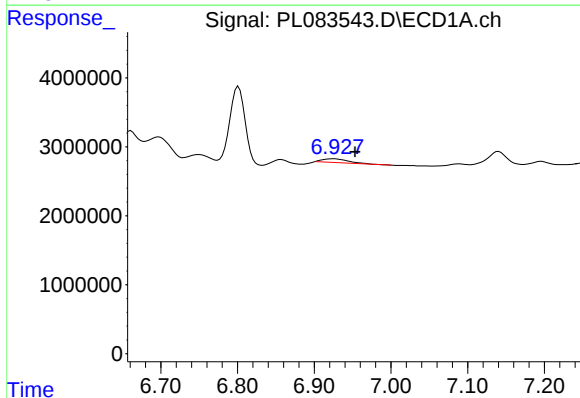
R.T.: 6.661 min  
Delta R.T.: 0.023 min  
Response: 6866762  
Conc: 4.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB153489BS



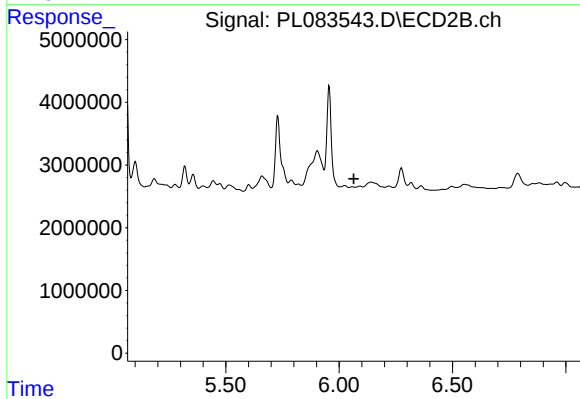
#16 4,4'-DDD

R.T.: 5.820 min  
Delta R.T.: 0.010 min  
Response: 108323  
Conc: 0.05 ng/ml



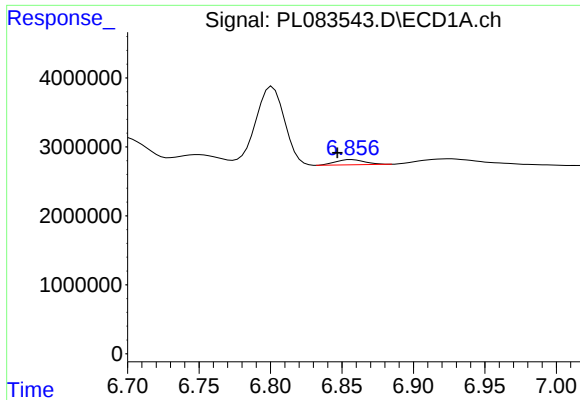
#17 4,4'-DDT

R.T.: 6.926 min  
Delta R.T.: -0.028 min  
Response: 1247223  
Conc: 0.74 ng/ml



#17 4,4'-DDT

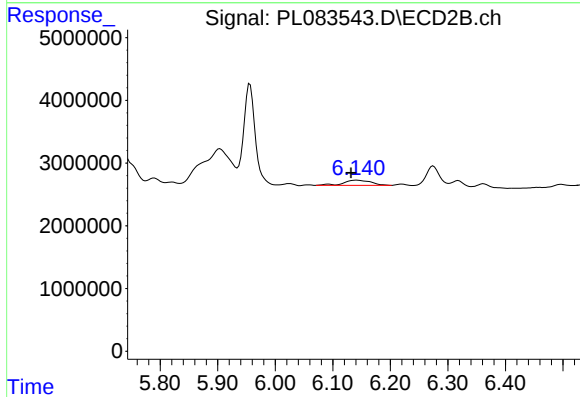
R.T.: 6.059 min  
Delta R.T.: -0.006 min  
Response: -137768  
Conc: N.D.



#18 Endrin aldehyde

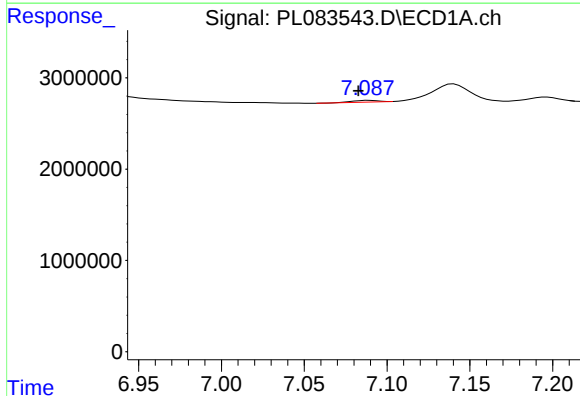
R.T.: 6.857 min  
Delta R.T.: 0.010 min  
Response: 1063846  
Conc: 0.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB153489BS



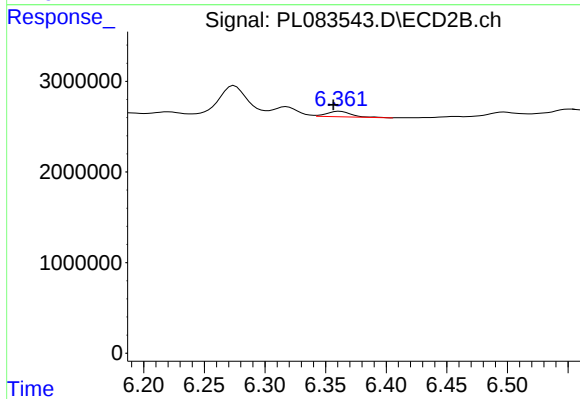
#18 Endrin aldehyde

R.T.: 6.141 min  
Delta R.T.: 0.010 min  
Response: 2695571  
Conc: 1.43 ng/ml



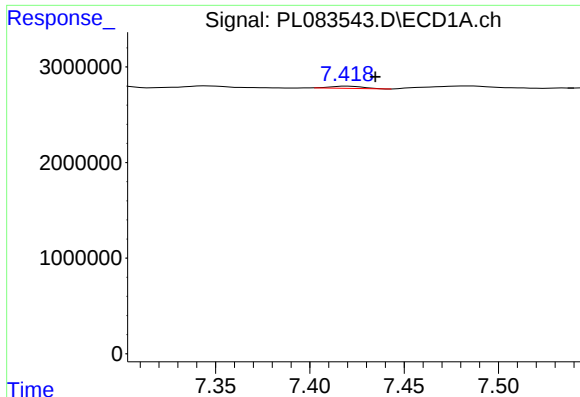
#19 Endosulfan Sulfate

R.T.: 7.089 min  
Delta R.T.: 0.006 min  
Response: 212180  
Conc: 0.11 ng/ml



#19 Endosulfan Sulfate

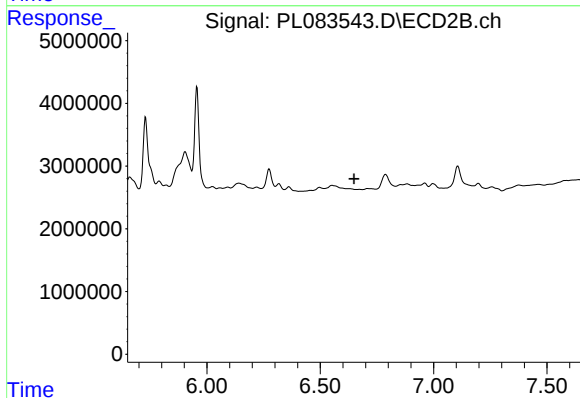
R.T.: 6.362 min  
Delta R.T.: 0.005 min  
Response: 819736  
Conc: 0.34 ng/ml



#20 Methoxychlor

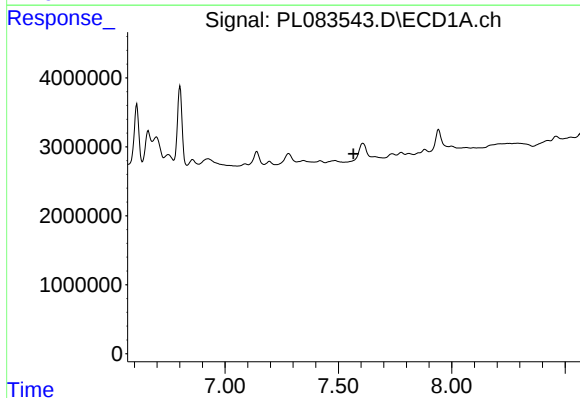
R.T.: 7.420 min  
Delta R.T.: -0.015 min  
Response: 272569  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB153489BS



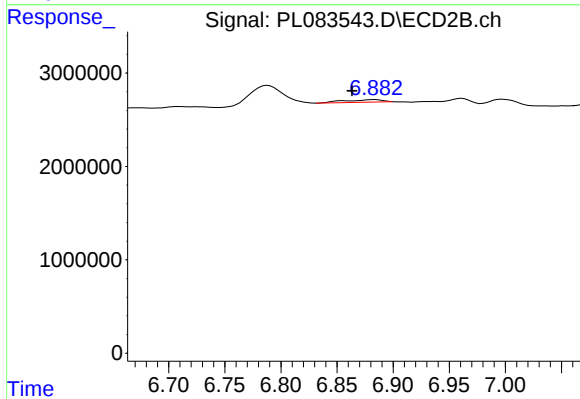
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.649 min  
Response: 0  
Conc: N.D.



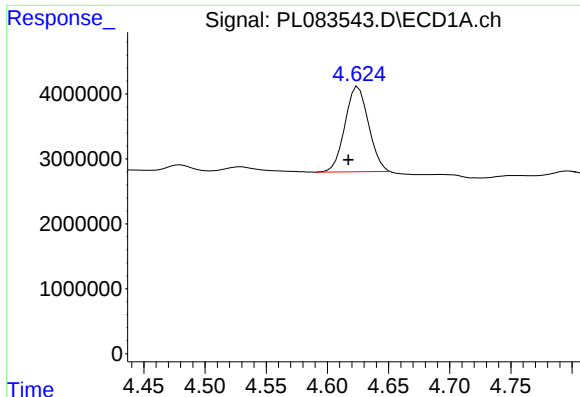
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.567 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

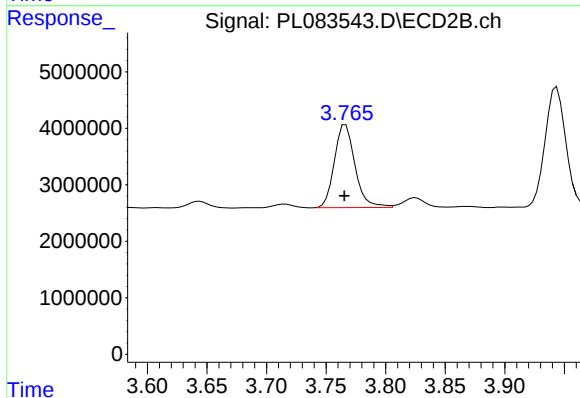
R.T.: 6.883 min  
Delta R.T.: 0.020 min  
Response: 634097  
Conc: 0.23 ng/ml



#23 Chlordane-1

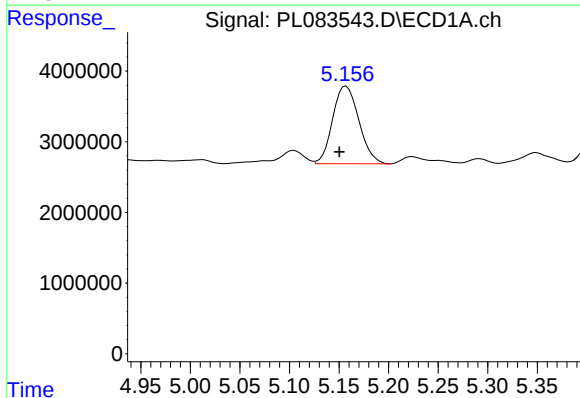
R.T.: 4.625 min  
Delta R.T.: 0.008 min  
Response: 17577481  
Conc: 182.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB153489BS



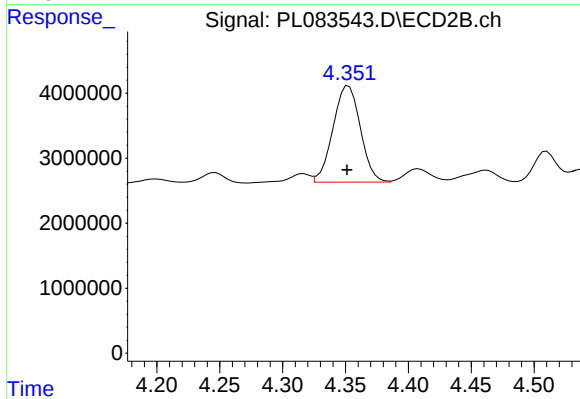
#23 Chlordane-1

R.T.: 3.766 min  
Delta R.T.: 0.000 min  
Response: 17674904  
Conc: 180.32 ng/ml



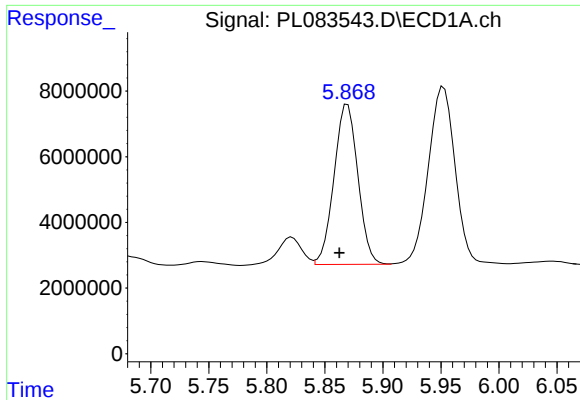
#24 Chlordane-2

R.T.: 5.157 min  
Delta R.T.: 0.007 min  
Response: 20288410  
Conc: 187.00 ng/ml



#24 Chlordane-2

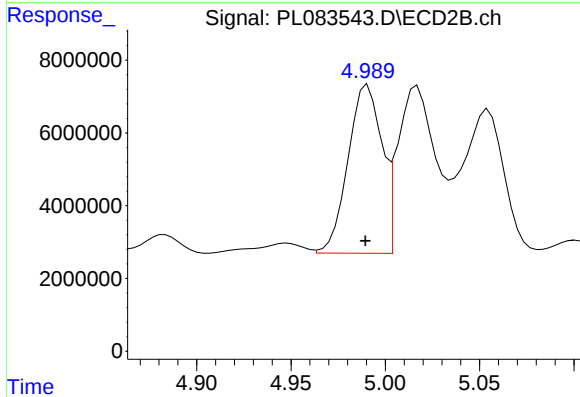
R.T.: 4.352 min  
Delta R.T.: 0.001 min  
Response: 22458866  
Conc: 186.77 ng/ml



#25 Chlordane-3

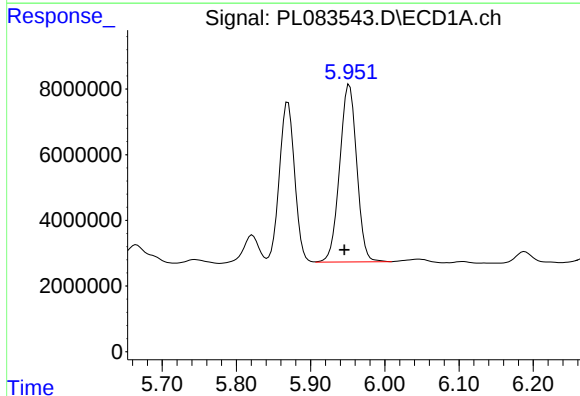
R.T.: 5.870 min  
Delta R.T.: 0.007 min  
Response: 69745744  
Conc: 182.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB153489BS



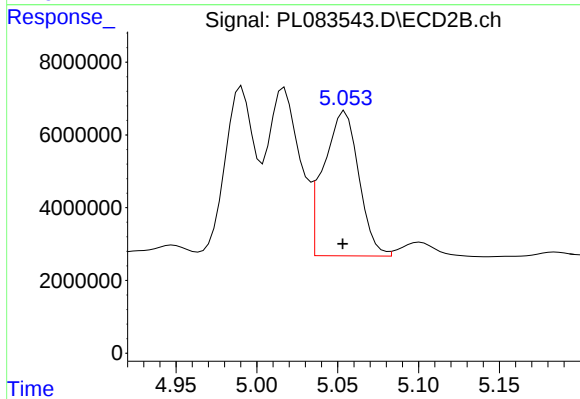
#25 Chlordane-3

R.T.: 4.991 min  
Delta R.T.: 0.001 min  
Response: 57612795  
Conc: 175.83 ng/ml



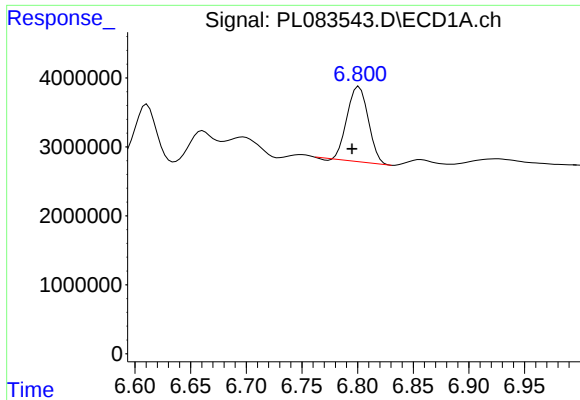
#26 Chlordane-4

R.T.: 5.952 min  
Delta R.T.: 0.007 min  
Response: 86558959  
Conc: 187.19 ng/ml



#26 Chlordane-4

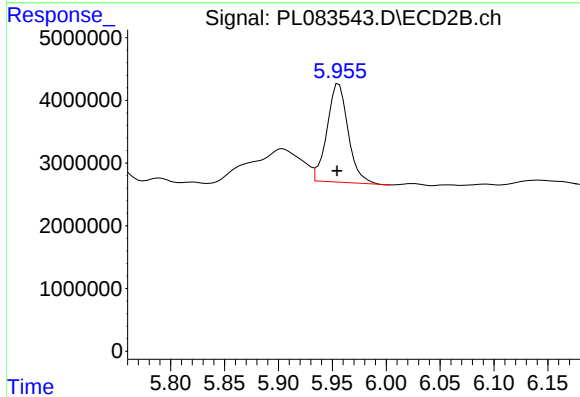
R.T.: 5.055 min  
Delta R.T.: 0.001 min  
Response: 60291756  
Conc: 178.87 ng/ml



#27 Chlordane-5

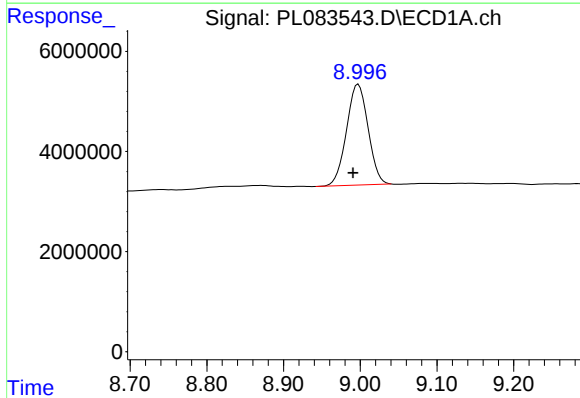
R.T.: 6.801 min  
Delta R.T.: 0.006 min  
Response: 14198033  
Conc: 178.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB153489BS



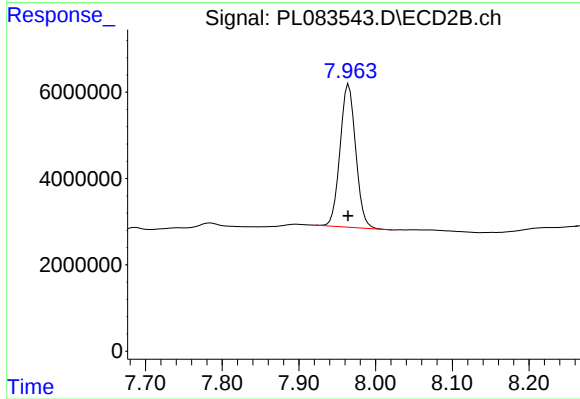
#27 Chlordane-5

R.T.: 5.956 min  
Delta R.T.: 0.002 min  
Response: 21426847  
Conc: 192.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.997 min  
Delta R.T.: 0.007 min  
Response: 39663111  
Conc: 20.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.965 min  
Delta R.T.: 0.000 min  
Response: 46945415  
Conc: 19.11 ng/ml