

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041723\  
 Data File : PL082142.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Apr 2023 18:25  
 Operator : AR\AJ  
 Sample : 02366-09  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 17 21:53:05 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... | 3.324  | 2.650  | 36933000 | 34541239 | 15.879 | 17.304   |
| 28)                         | SA Decachlor... | 8.747  | 7.765  | 24503549 | 26443792 | 13.692 | 13.334   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.133f | 0        | 152229   | N.D.   | 0.052 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.487  | 0        | 889635   | N.D.   | 0.320 #  |
| 4)                          | MA Heptachlor   | 4.716f | 3.826  | 173656   | 1178738  | 0.055  | 0.411 #  |
| 5)                          | MB Aldrin       | 5.054f | 4.104  | 329287   | 568700   | 0.115  | 0.213 #  |
| 6)                          | B beta-BHC      | 4.310  | 3.780  | 1415941  | 217843   | 0.941  | 0.183 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.006  | 0        | 386810   | N.D.   | 0.150 #  |
| 8)                          | B Heptachlo...  | 5.441f | 4.584  | 2066331  | 79929    | 0.760  | 0.033 #  |
| 9)                          | A Endosulfan I  | 5.816f | 4.989f | 183321   | 1896909  | 0.074  | 0.859 #  |
| 10)                         | B gamma-Chl...  | 5.714  | 4.870f | 2175763  | 5011500  | 0.829  | 2.062 #  |
| 11)                         | B alpha-Chl...  | 5.777  | 0.000  | 681434   | 0        | 0.263  | N.D. #   |
| 12)                         | B 4,4'-DDE      | 5.961  | 5.089  | 227141   | 276340   | 0.101  | 0.140 #  |
| 13)                         | MA Dieldrin     | 6.102  | 5.227  | 189372   | 1534001  | 0.078  | 0.682 #  |
| 14)                         | MA Endrin       | 6.326  | 5.500  | 298970   | -75476   | 0.141  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.540f | 5.823f | 366189   | 2400918  | 0.173  | 1.324 #  |
| 16)                         | A 4,4'-DDD      | 6.477  | 0.000  | 435395   | 0        | 0.241  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.887f | 0        | 588204   | N.D.   | 0.341 #  |
| 18)                         | B Endrin al...  | 0.000  | 5.987  | 0        | 191912   | N.D.   | 0.124 #  |
| 19)                         | B Endosulfa...  | 6.909  | 6.215  | 256017   | 600106   | 0.123  | 0.308 #  |
| 20)                         | A Methoxychlor  | 7.262  | 6.500f | 162661   | 344260   | 0.151  | 0.346 #  |
| 21)                         | B Endrin ke...  | 7.429f | 0.000  | 676319   | 0        | 0.323  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 6.867  | 0        | 35476    | N.D.   | 0.018 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.655  | 0        | 1271088  | N.D.   | 16.502 # |
| 25)                         | Chlordane-3     | 5.714  | 4.870f | 2175763  | 5011500  | 5.493  | 19.897 # |
| 26)                         | Chlordane-4     | 5.777  | 0.000  | 681434   | 0        | 1.424  | N.D. #   |
| 27)                         | Chlordane-5     | 0.000  | 5.602f | 0        | 491000   | N.D.   | 7.357 #  |
| -----                       |                 |        |        |          |          |        |          |

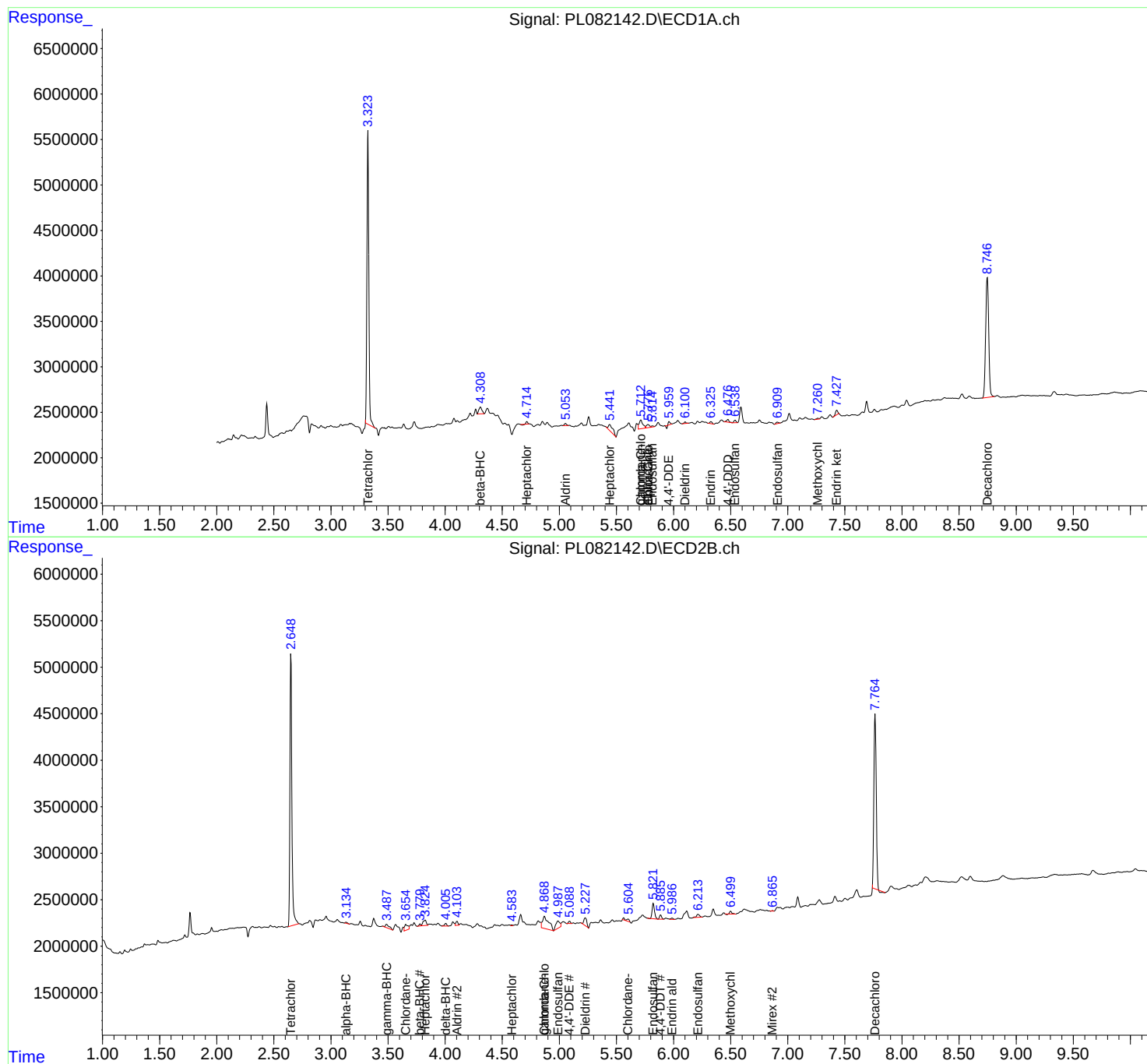
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

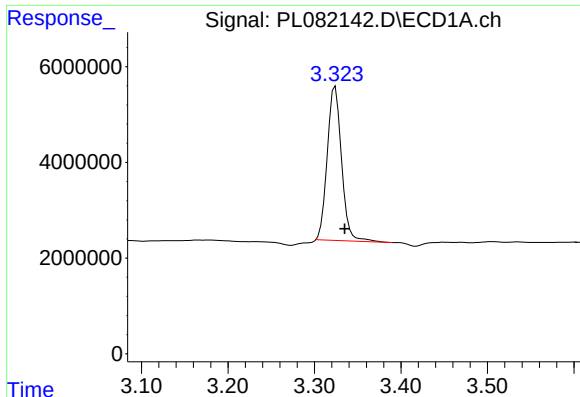
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041723\  
Data File : PL082142.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Apr 2023 18:25  
Operator : AR\AJ  
Sample : 02366-09  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 17 21:53:05 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

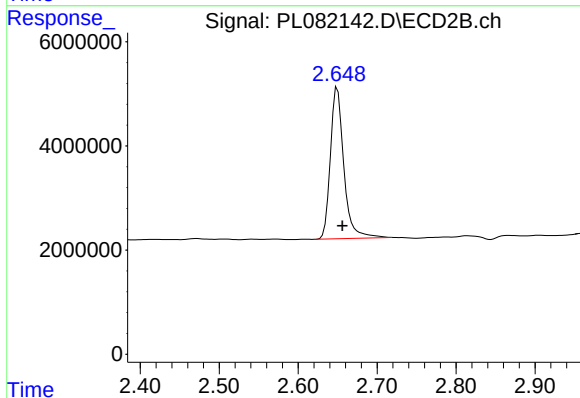




#1 Tetrachloro-m-xylene

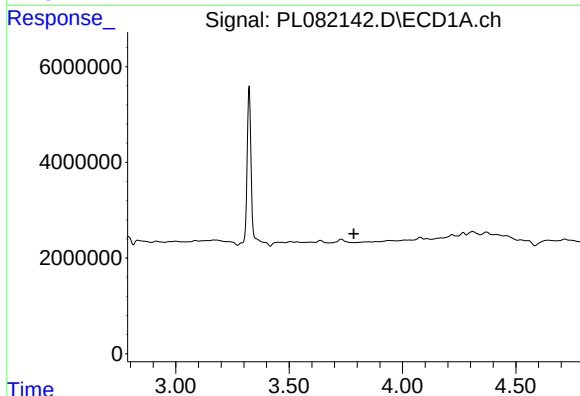
R.T.: 3.324 min  
Delta R.T.: -0.011 min  
Response: 36933000  
Conc: 15.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



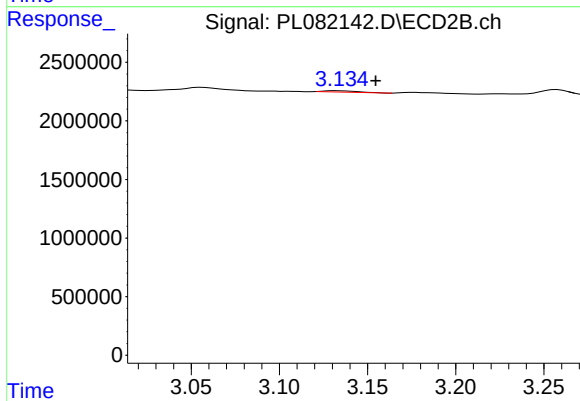
#1 Tetrachloro-m-xylene

R.T.: 2.650 min  
Delta R.T.: -0.006 min  
Response: 34541239  
Conc: 17.30 ng/ml



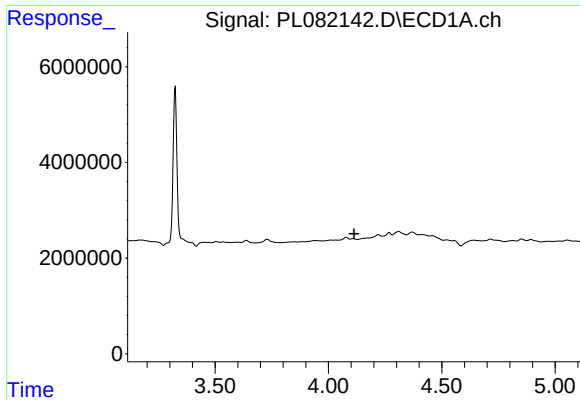
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.785 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

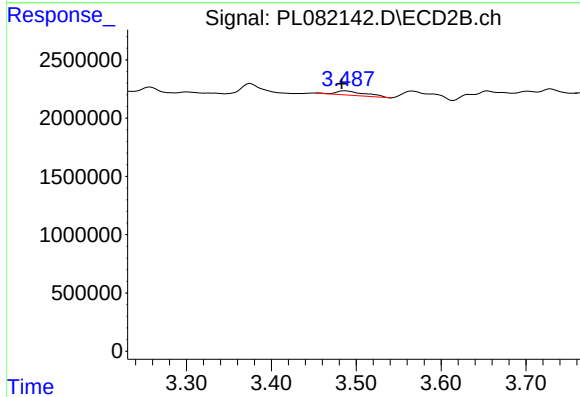
R.T.: 3.133 min  
Delta R.T.: -0.022 min  
Response: 152229  
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

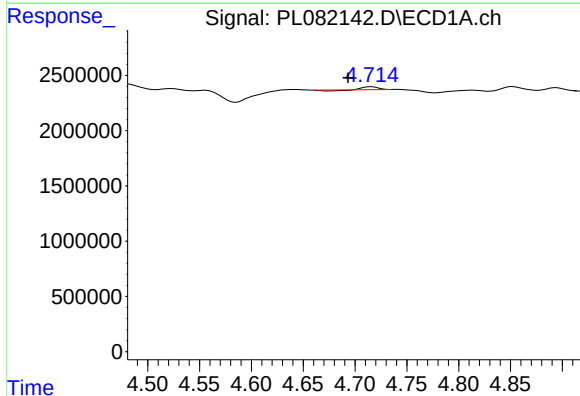
R.T.: 0.000 min  
Exp R.T.: 4.113 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



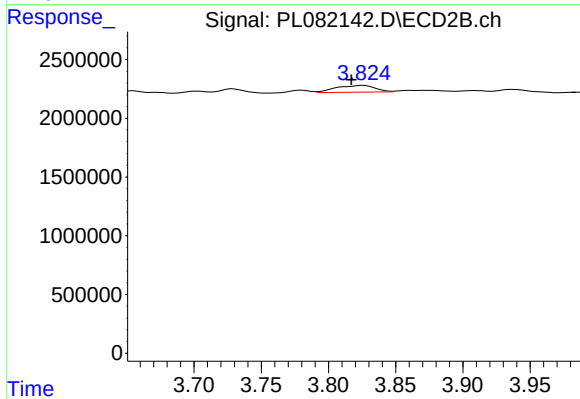
#3 gamma-BHC (Lindane)

R.T.: 3.487 min  
Delta R.T.: 0.004 min  
Response: 889635  
Conc: 0.32 ng/ml



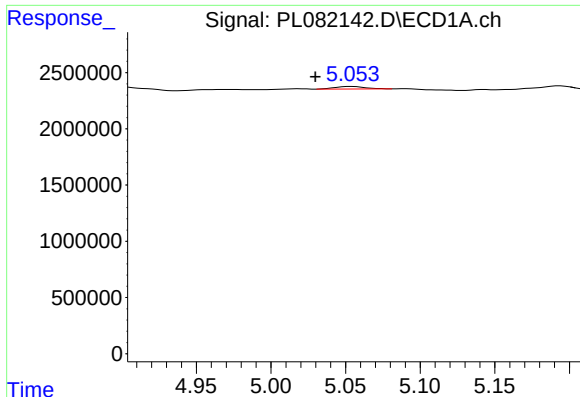
#4 Heptachlor

R.T.: 4.716 min  
Delta R.T.: 0.022 min  
Response: 173656  
Conc: 0.06 ng/ml



#4 Heptachlor

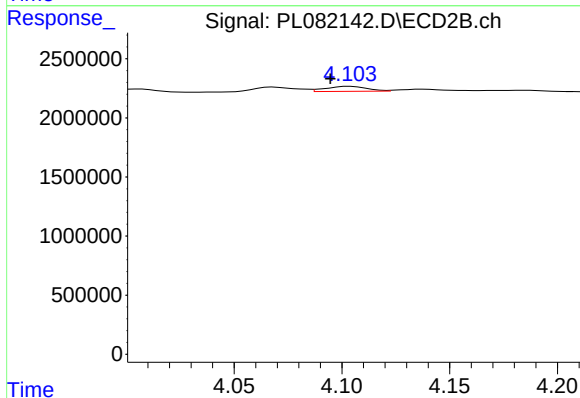
R.T.: 3.826 min  
Delta R.T.: 0.009 min  
Response: 1178738  
Conc: 0.41 ng/ml



#5 Aldrin

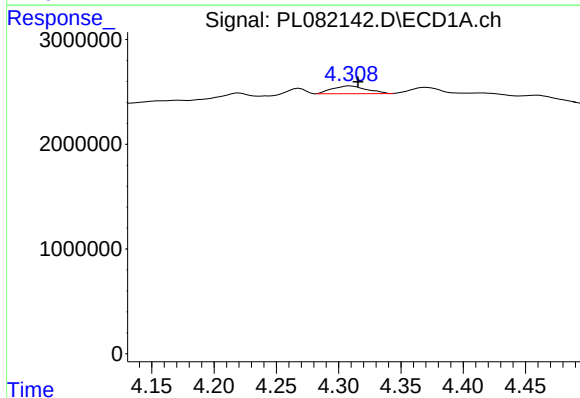
R.T.: 5.054 min  
Delta R.T.: 0.025 min  
Response: 329287  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



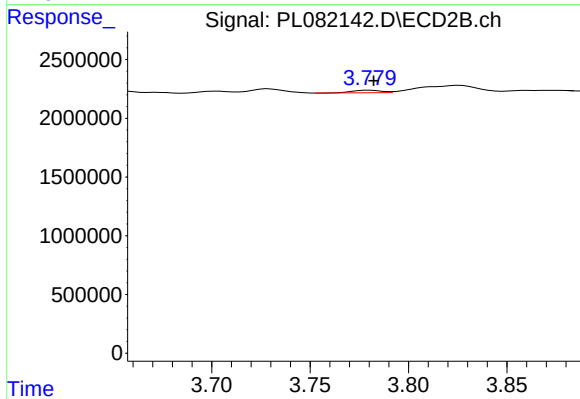
#5 Aldrin

R.T.: 4.104 min  
Delta R.T.: 0.009 min  
Response: 568700  
Conc: 0.21 ng/ml



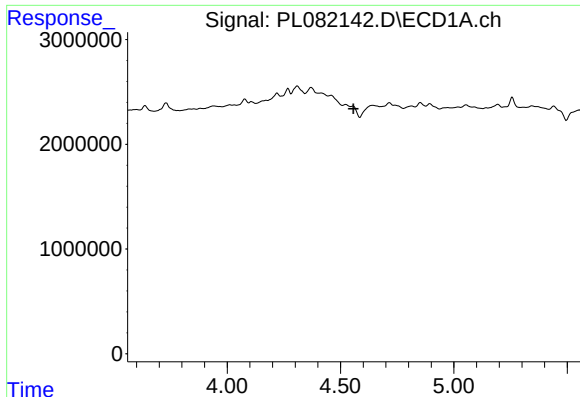
#6 beta-BHC

R.T.: 4.310 min  
Delta R.T.: -0.006 min  
Response: 1415941  
Conc: 0.94 ng/ml



#6 beta-BHC

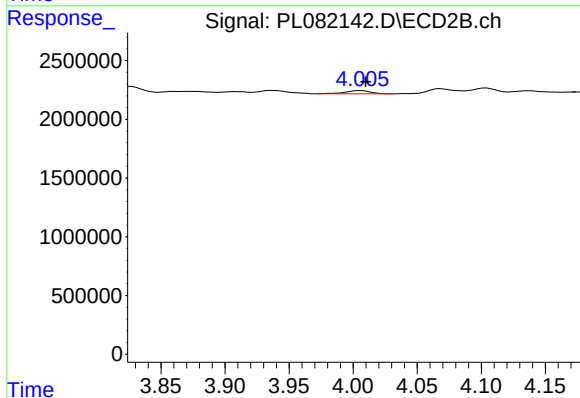
R.T.: 3.780 min  
Delta R.T.: -0.002 min  
Response: 217843  
Conc: 0.18 ng/ml



#7 delta-BHC

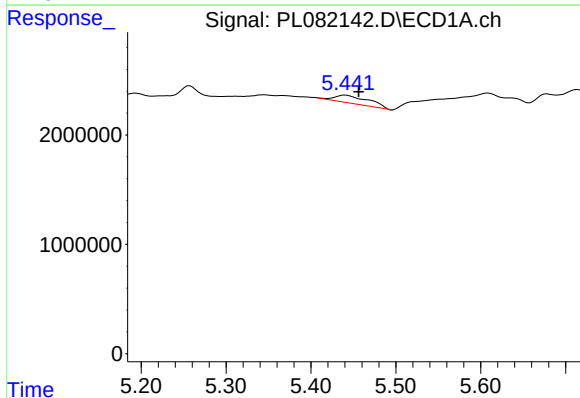
R.T.: 0.000 min  
Exp R.T.: 4.558 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



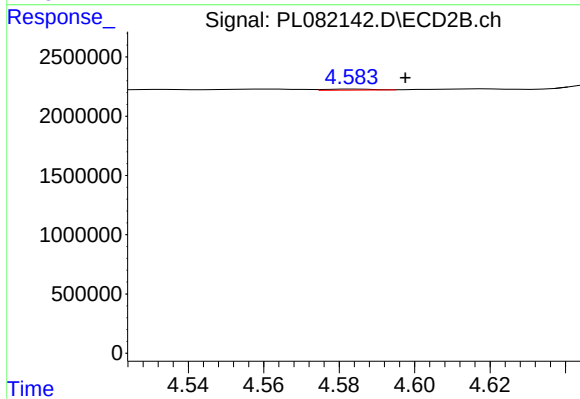
#7 delta-BHC

R.T.: 4.006 min  
Delta R.T.: -0.004 min  
Response: 386810  
Conc: 0.15 ng/ml



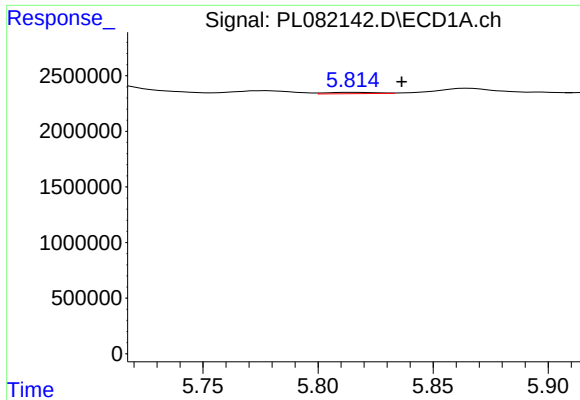
#8 Heptachlor epoxide

R.T.: 5.441 min  
Delta R.T.: -0.016 min  
Response: 2066331  
Conc: 0.76 ng/ml



#8 Heptachlor epoxide

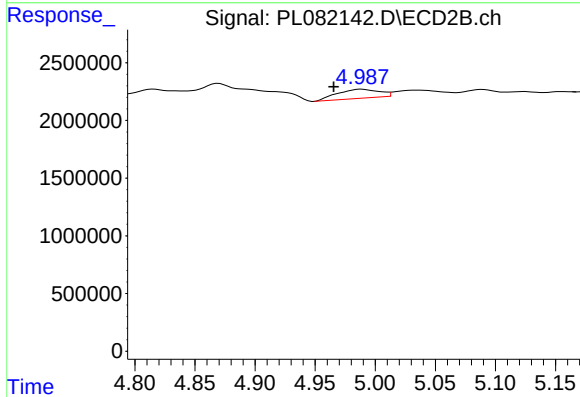
R.T.: 4.584 min  
Delta R.T.: -0.014 min  
Response: 79929  
Conc: 0.03 ng/ml



#9 Endosulfan I

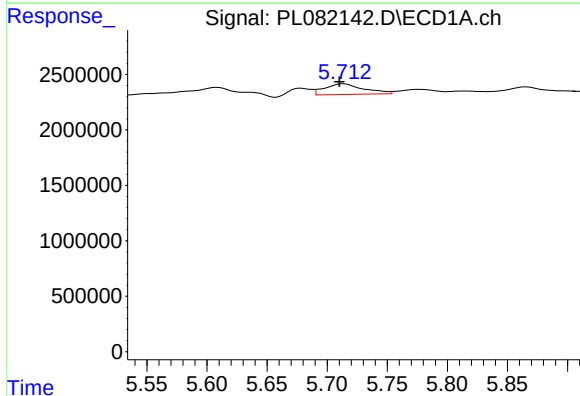
R.T.: 5.816 min  
Delta R.T.: -0.021 min  
Response: 183321  
Conc: 0.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



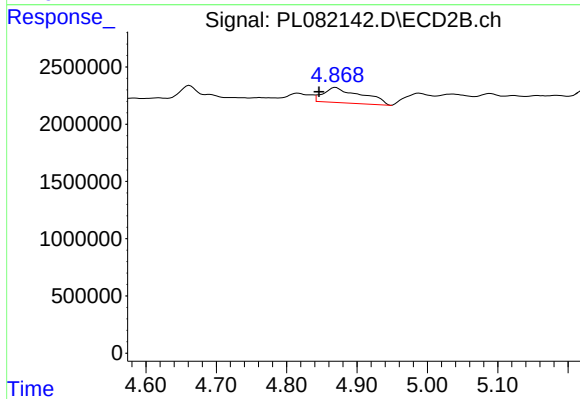
#9 Endosulfan I

R.T.: 4.989 min  
Delta R.T.: 0.023 min  
Response: 1896909  
Conc: 0.86 ng/ml



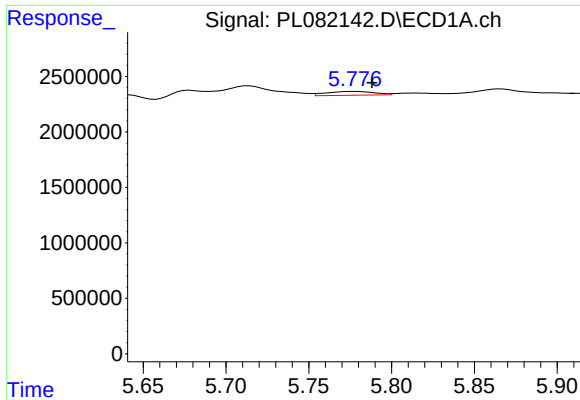
#10 gamma-Chlordane

R.T.: 5.714 min  
Delta R.T.: 0.004 min  
Response: 2175763  
Conc: 0.83 ng/ml



#10 gamma-Chlordane

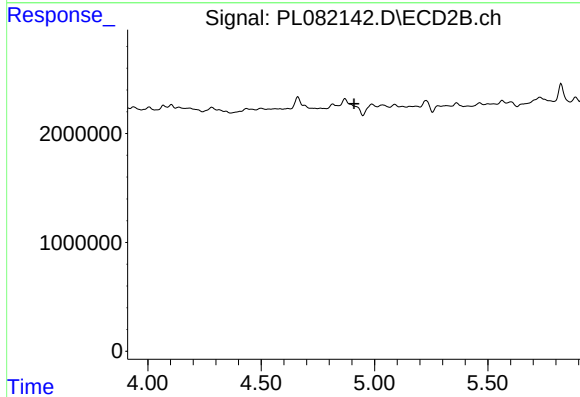
R.T.: 4.870 min  
Delta R.T.: 0.023 min  
Response: 5011500  
Conc: 2.06 ng/ml



#11 alpha-Chlordane

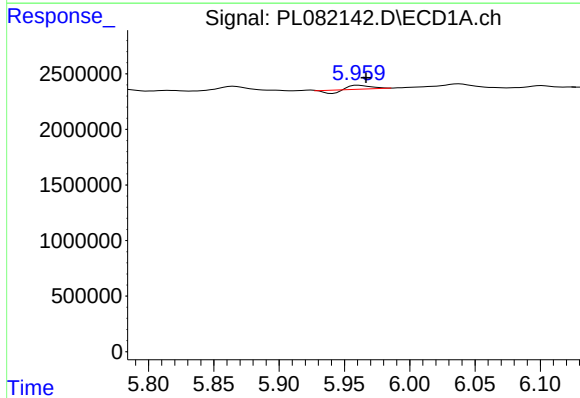
R.T.: 5.777 min  
Delta R.T.: -0.011 min  
Response: 681434  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



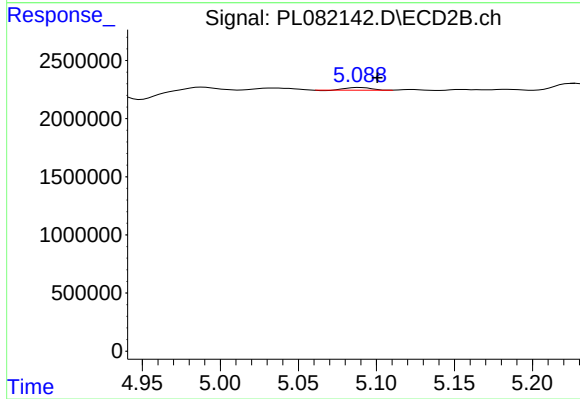
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 4.910 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

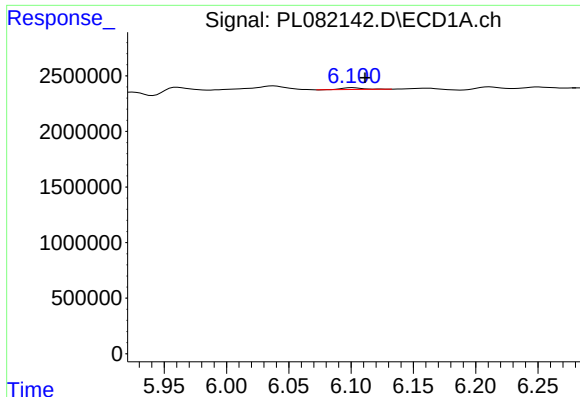
R.T.: 5.961 min  
Delta R.T.: -0.006 min  
Response: 227141  
Conc: 0.10 ng/ml



#12 4,4'-DDE

R.T.: 5.089 min  
Delta R.T.: -0.011 min  
Response: 276340  
Conc: 0.14 ng/ml

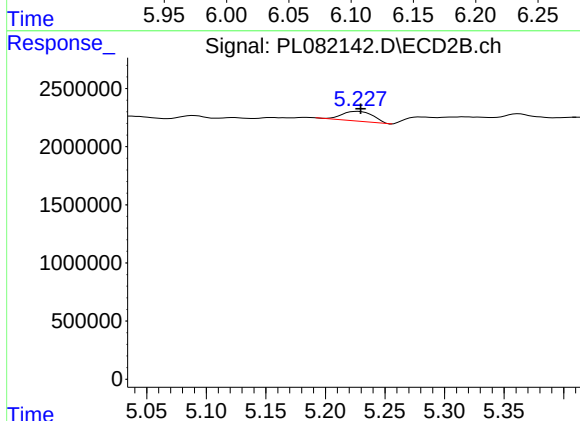




#13 Dieldrin

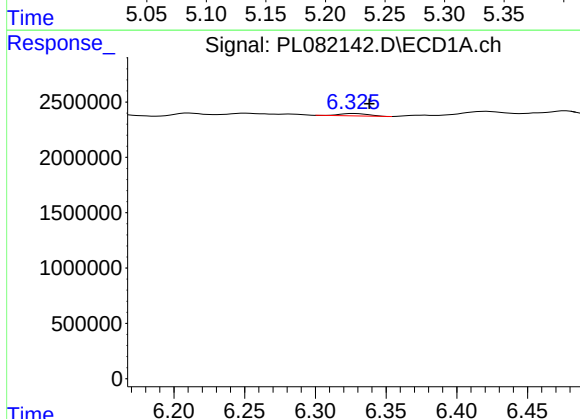
R.T.: 6.102 min  
Delta R.T.: -0.010 min  
Response: 189372  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



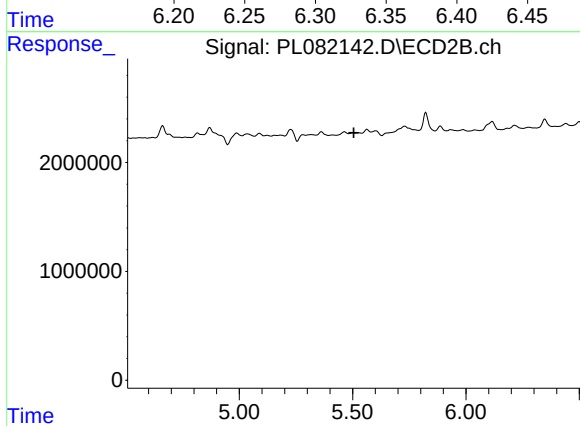
#13 Dieldrin

R.T.: 5.227 min  
Delta R.T.: -0.002 min  
Response: 1534001  
Conc: 0.68 ng/ml



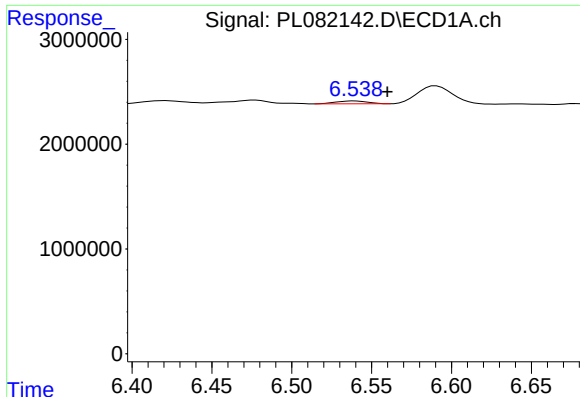
#14 Endrin

R.T.: 6.326 min  
Delta R.T.: -0.012 min  
Response: 298970  
Conc: 0.14 ng/ml



#14 Endrin

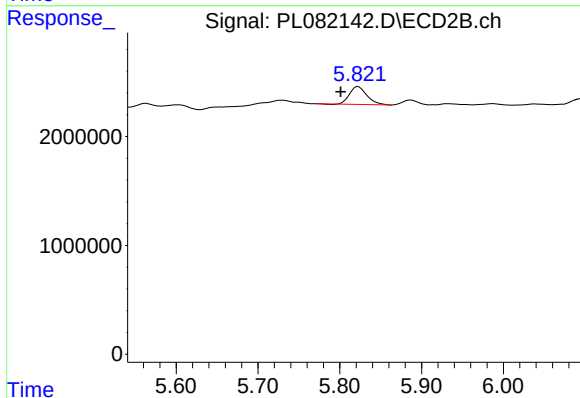
R.T.: 5.500 min  
Delta R.T.: -0.005 min  
Response: -75476  
Conc: N.D.



#15 Endosulfan II

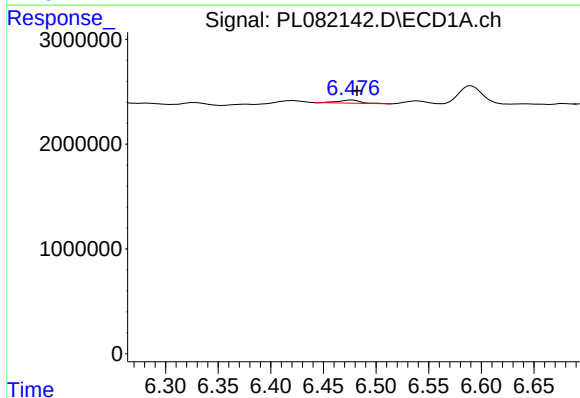
R.T.: 6.540 min  
Delta R.T.: -0.020 min  
Response: 366189  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



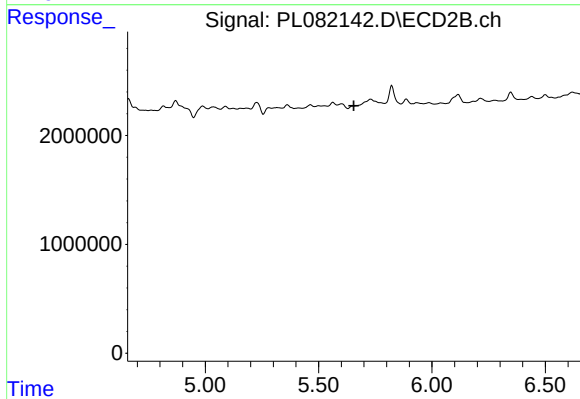
#15 Endosulfan II

R.T.: 5.823 min  
Delta R.T.: 0.021 min  
Response: 2400918  
Conc: 1.32 ng/ml



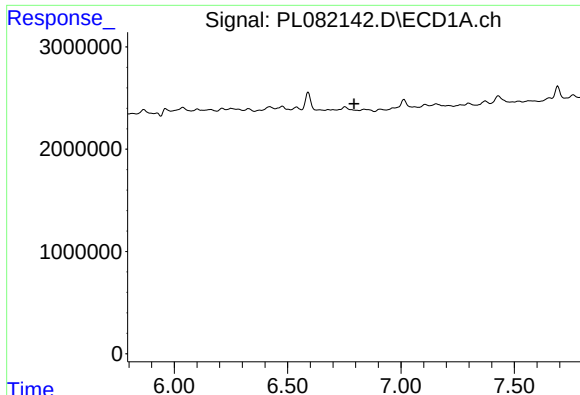
#16 4,4'-DDD

R.T.: 6.477 min  
Delta R.T.: -0.005 min  
Response: 435395  
Conc: 0.24 ng/ml



#16 4,4'-DDD

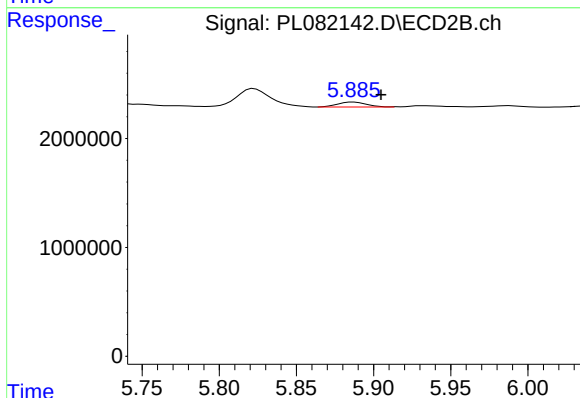
R.T.: 0.000 min  
Exp R.T. : 5.656 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

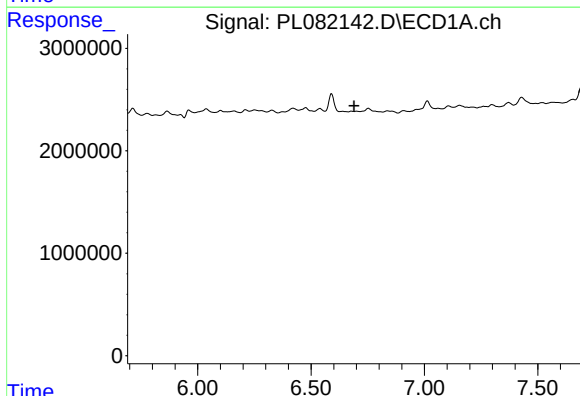
R.T.: 0.000 min  
Exp R.T.: 6.793 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



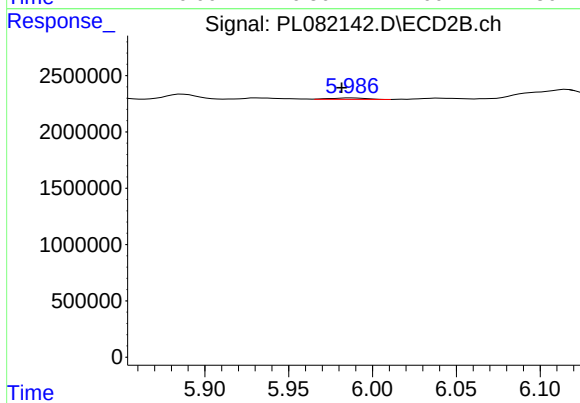
#17 4,4'-DDT

R.T.: 5.887 min  
Delta R.T.: -0.018 min  
Response: 588204  
Conc: 0.34 ng/ml



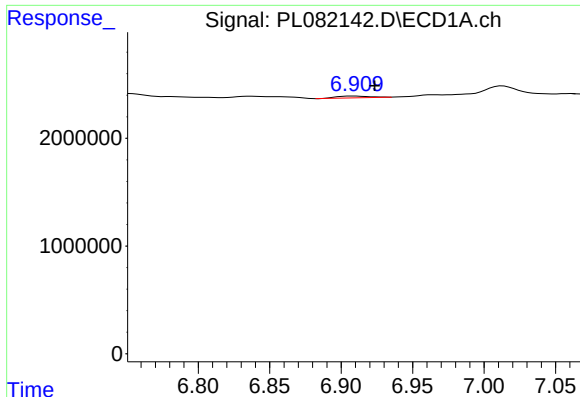
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.690 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

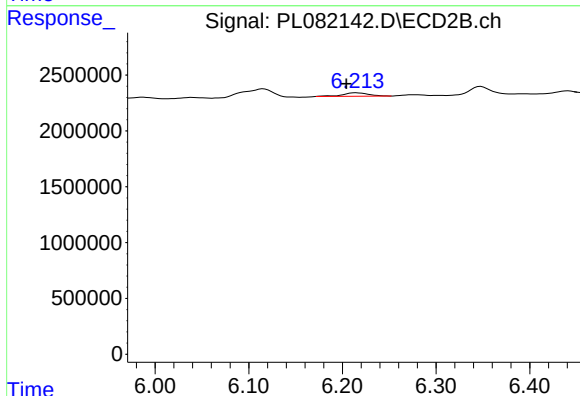
R.T.: 5.987 min  
Delta R.T.: 0.006 min  
Response: 191912  
Conc: 0.12 ng/ml



#19 Endosulfan Sulfate

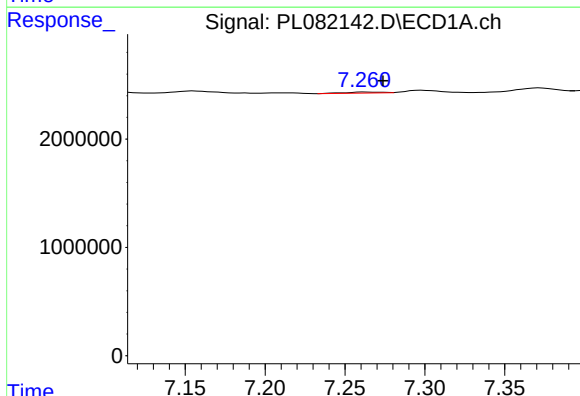
R.T.: 6.909 min  
Delta R.T.: -0.014 min  
Response: 256017  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



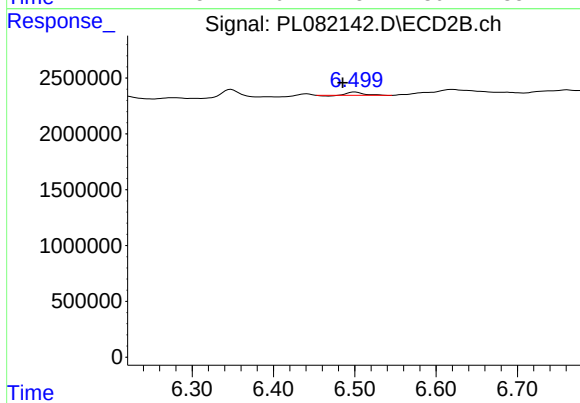
#19 Endosulfan Sulfate

R.T.: 6.215 min  
Delta R.T.: 0.010 min  
Response: 600106  
Conc: 0.31 ng/ml



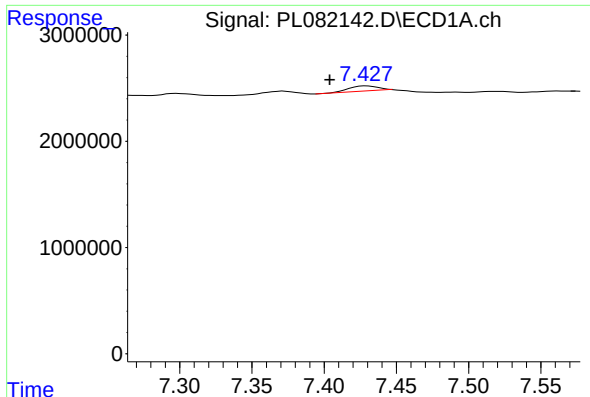
#20 Methoxychlor

R.T.: 7.262 min  
Delta R.T.: -0.012 min  
Response: 162661  
Conc: 0.15 ng/ml



#20 Methoxychlor

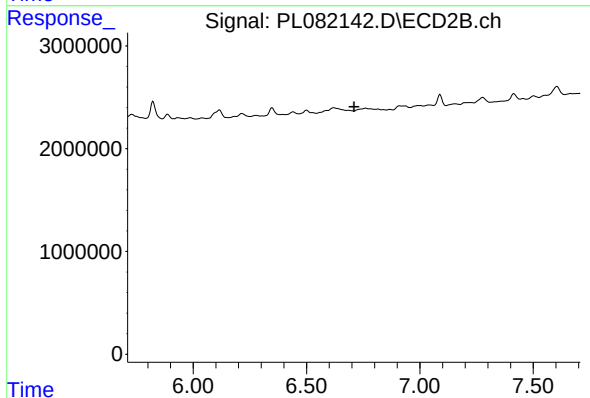
R.T.: 6.500 min  
Delta R.T.: 0.015 min  
Response: 344260  
Conc: 0.35 ng/ml



#21 Endrin ketone

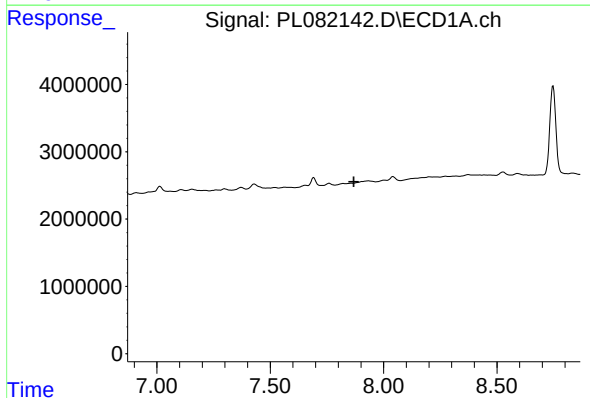
R.T.: 7.429 min  
Delta R.T.: 0.025 min  
Response: 676319  
Conc: 0.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



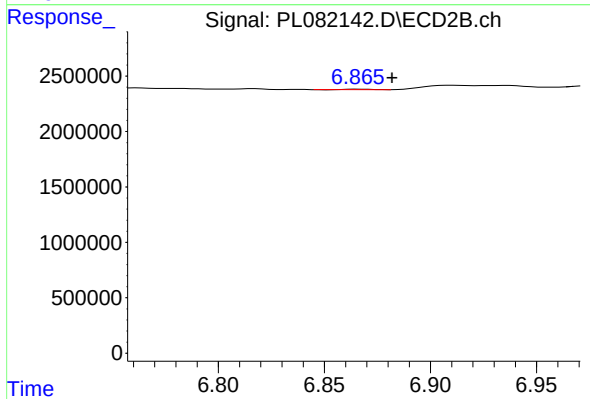
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.710 min  
Response: 0  
Conc: N.D.



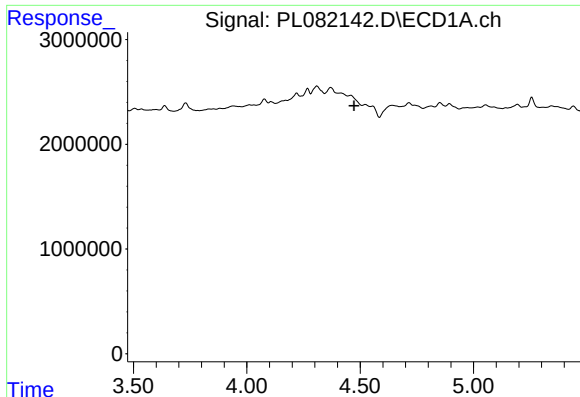
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.869 min  
Response: 0  
Conc: N.D.



#22 Mirex

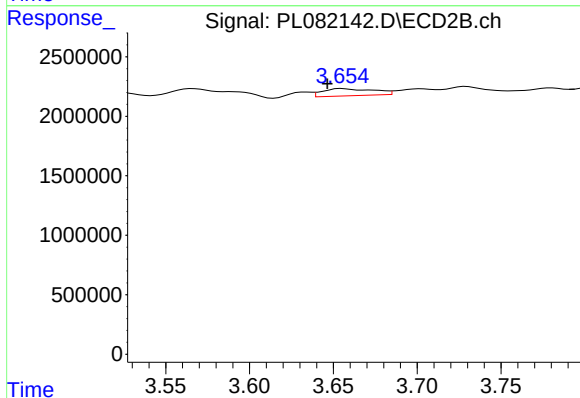
R.T.: 6.867 min  
Delta R.T.: -0.015 min  
Response: 35476  
Conc: 0.02 ng/ml



#23 Chlordane-1

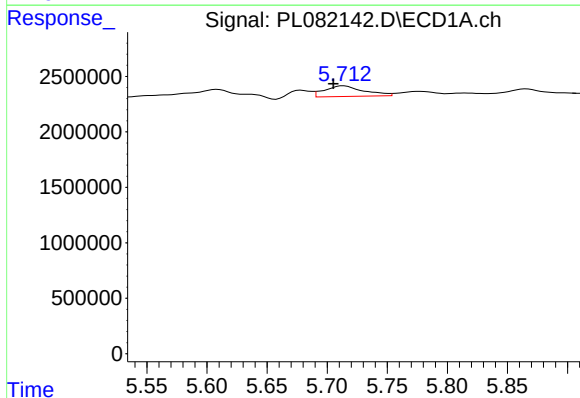
R.T.: 0.000 min  
Exp R.T.: 4.473 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



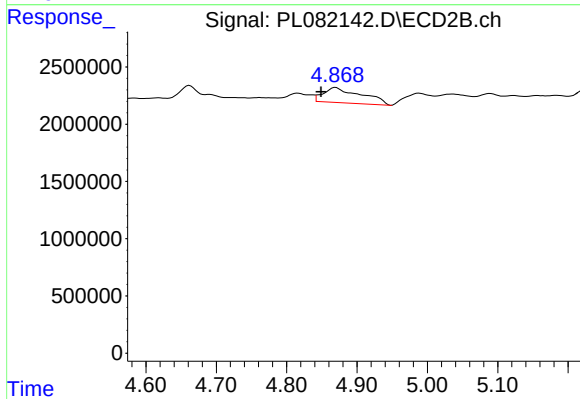
#23 Chlordane-1

R.T.: 3.655 min  
Delta R.T.: 0.009 min  
Response: 1271088  
Conc: 16.50 ng/ml



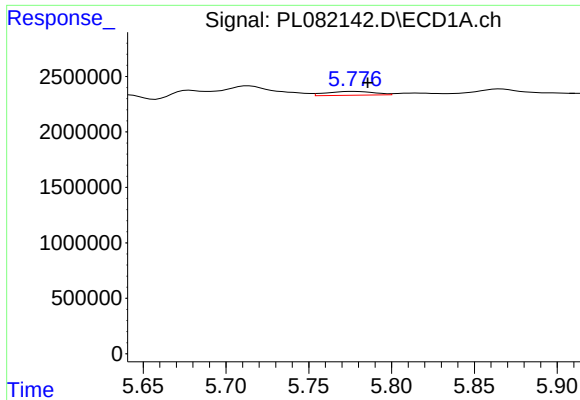
#25 Chlordane-3

R.T.: 5.714 min  
Delta R.T.: 0.009 min  
Response: 2175763  
Conc: 5.49 ng/ml



#25 Chlordane-3

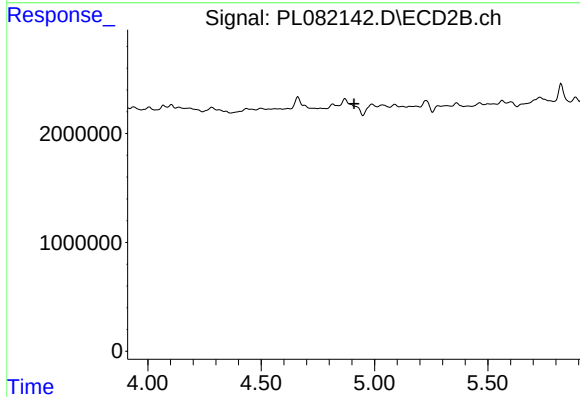
R.T.: 4.870 min  
Delta R.T.: 0.021 min  
Response: 5011500  
Conc: 19.90 ng/ml



#26 Chlordane-4

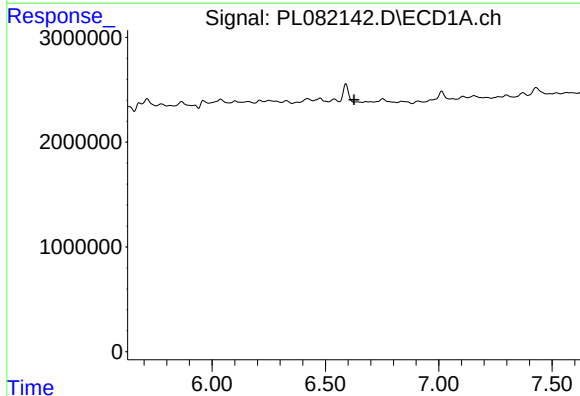
R.T.: 5.777 min  
Delta R.T.: -0.008 min  
Response: 681434  
Conc: 1.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



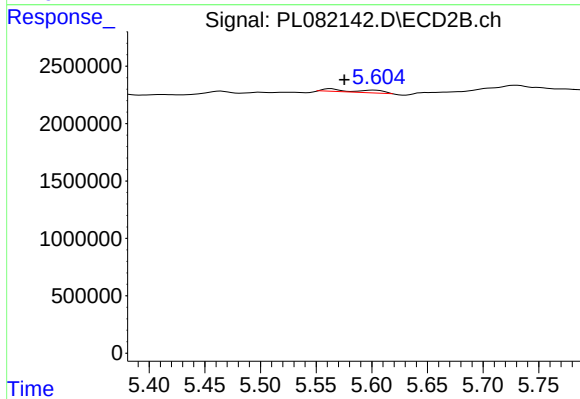
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 4.909 min  
Response: 0  
Conc: N.D.



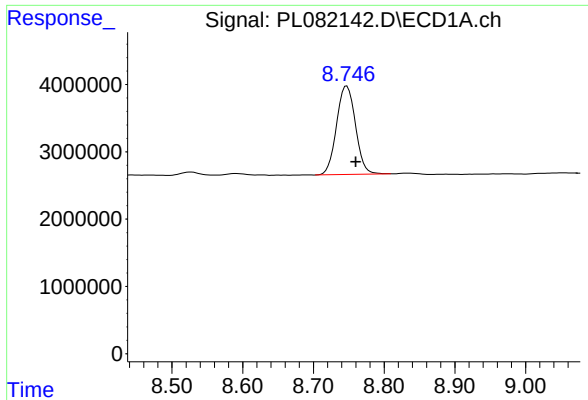
#27 Chlordane-5

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



#27 Chlordane-5

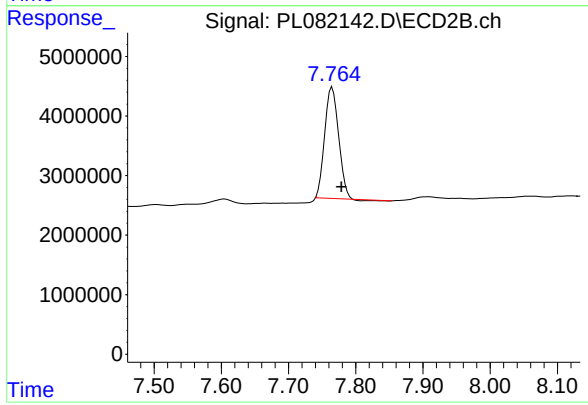
R.T.: 5.602 min  
Delta R.T.: 0.027 min  
Response: 491000  
Conc: 7.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.747 min  
Delta R.T.: -0.012 min  
Response: 24503549  
Conc: 13.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.765 min  
Delta R.T.: -0.014 min  
Response: 26443792  
Conc: 13.33 ng/ml