

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110722\  
 Data File : PL078885.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Nov 2022 23:29  
 Operator : AR\AJ  
 Sample : N5415-09  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 08 02:16:49 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 07:08:41 2022  
 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... | 3.321  | 2.568  | 24683586 | 33125342 | 12.944 | 12.974   |
| 28)                         | SA Decachlor... | 8.768  | 7.635  | 14147306 | 19943045 | 9.404  | 10.529   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.808f | 0.000  | 1280054  | 0        | 0.446  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.684  | 3.703  | 3204981  | 3877067  | 1.235  | 1.118    |
| 5)                          | MB Aldrin       | 5.001f | 3.973  | 799245   | 1941540  | 0.323  | 0.554 #  |
| 6)                          | B beta-BHC      | 4.310f | 3.703f | 123545   | 3877067  | 0.107  | 2.702 #  |
| 7)                          | B delta-BHC     | 4.543f | 3.895  | 453852   | 446847   | 0.199  | 0.123 #  |
| 8)                          | B Heptachlo...  | 5.461  | 4.505f | 938153   | 348235   | 0.442  | 0.116 #  |
| 9)                          | A Endosulfan I  | 5.842  | 4.848  | 462279   | 441870   | 0.217  | 0.154 #  |
| 10)                         | B gamma-Chl...  | 5.711  | 4.718  | 3410553  | 4940648  | 1.511  | 1.612    |
| 11)                         | B alpha-Chl...  | 5.789  | 4.778  | 5093494  | 5569928  | 2.201  | 1.869    |
| 12)                         | B 4,4'-DDE      | 5.970  | 4.975  | 8423840  | 12502752 | 4.209  | 4.592    |
| 13)                         | MA Dieldrin     | 6.144f | 5.102  | -160635  | 858534   | N.D.   | 0.290    |
| 14)                         | MA Endrin       | 6.350  | 5.385  | 379858   | 1227839  | 0.200  | 0.471 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.661  | 0        | 996282   | N.D.   | 0.438 #  |
| 16)                         | A 4,4'-DDD      | 6.495  | 5.526  | 1956099  | 2091039  | 1.173  | 0.952    |
| 17)                         | MA 4,4'-DDT     | 6.805  | 5.771  | 3466623  | 5933121  | 1.934  | 2.735 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.059  | 0        | 465798   | N.D.   | 0.196 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.561  | 0        | 55984    | N.D.   | 0.022 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.532  | 0        | 1093540  | N.D.   | 10.843 # |
| 24)                         | Chlordane-2     | 5.001  | 4.099  | 799245   | 3141871  | 9.659  | 29.522 # |
| 25)                         | Chlordane-3     | 5.711  | 4.718  | 3410553  | 4940648  | 10.210 | 16.210 # |
| 26)                         | Chlordane-4     | 5.789  | 4.778  | 5093494  | 5569928  | 12.407 | 17.046 # |
| 27)                         | Chlordane-5     | 0.000  | 5.444  | 0        | 534256   | N.D.   | 6.551 #  |
| -----                       |                 |        |        |          |          |        |          |

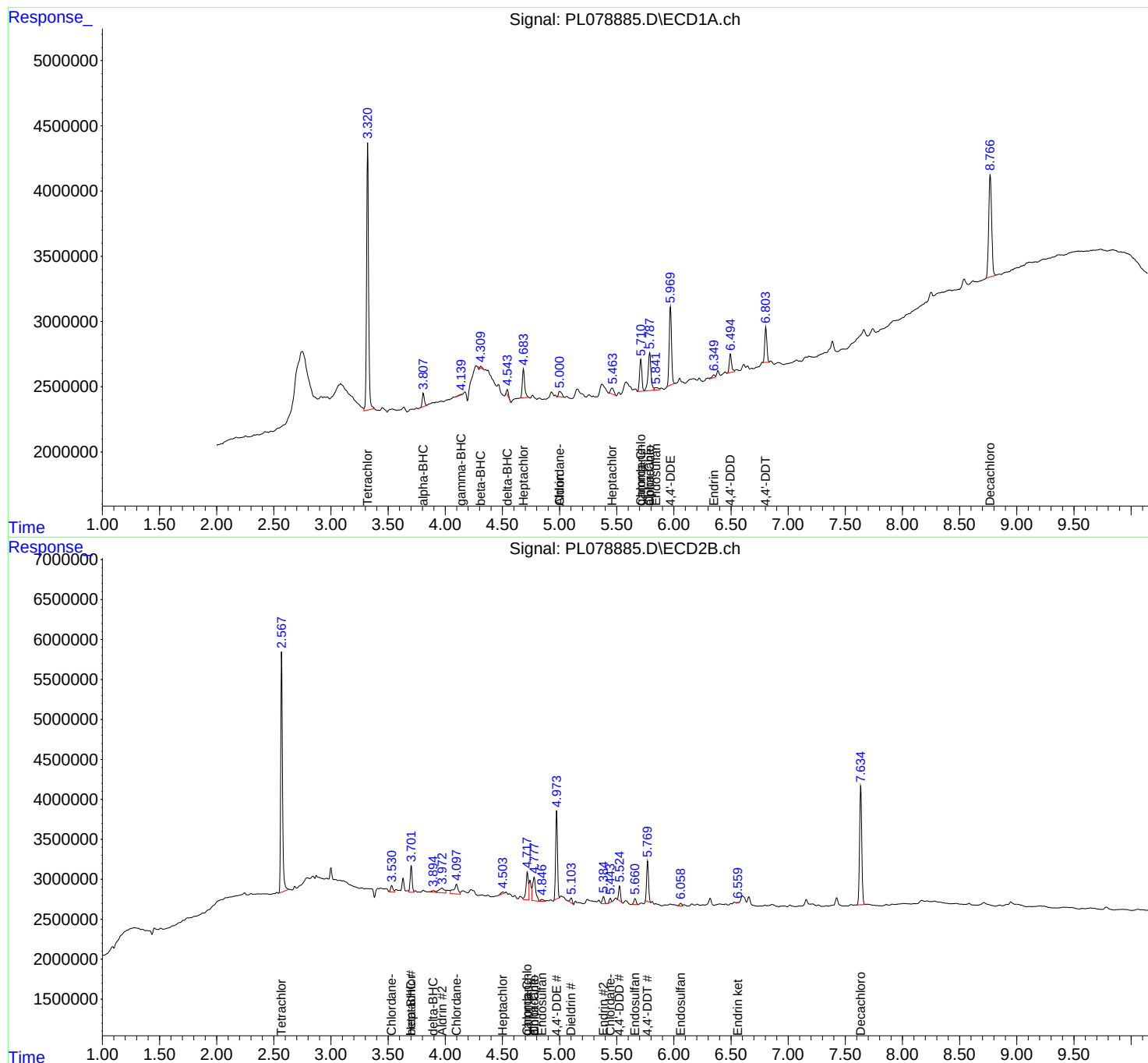
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

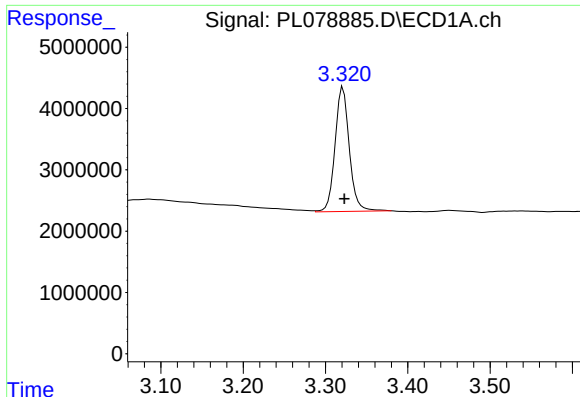
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110722\  
Data File : PL078885.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Nov 2022 23:29  
Operator : AR\AJ  
Sample : N5415-09  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 08 02:16:49 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 21 07:08:41 2022  
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

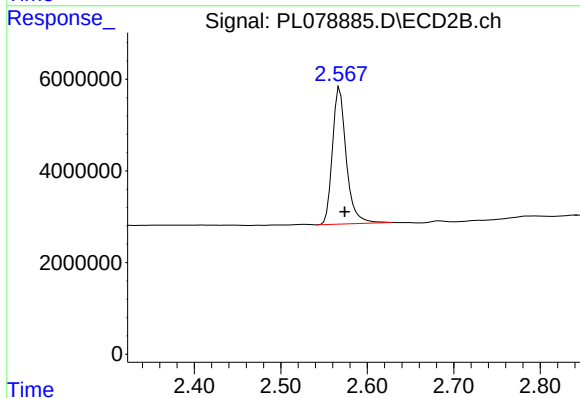




#1 Tetrachloro-m-xylene

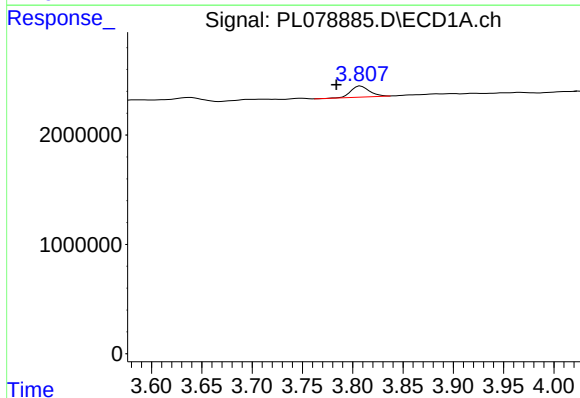
R.T.: 3.321 min  
Delta R.T.: -0.002 min  
Response: 24683586  
Conc: 12.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



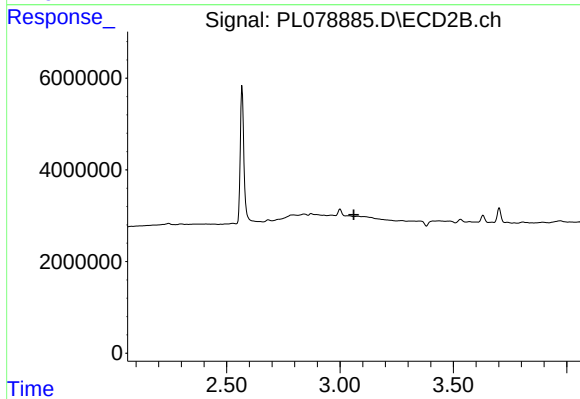
#1 Tetrachloro-m-xylene

R.T.: 2.568 min  
Delta R.T.: -0.006 min  
Response: 33125342  
Conc: 12.97 ng/ml



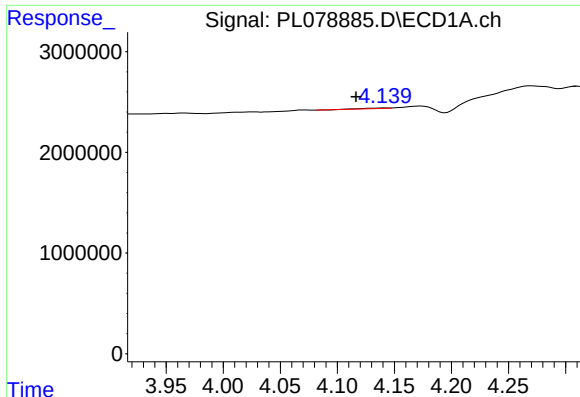
#2 alpha-BHC

R.T.: 3.808 min  
Delta R.T.: 0.024 min  
Response: 1280054  
Conc: 0.45 ng/ml



#2 alpha-BHC

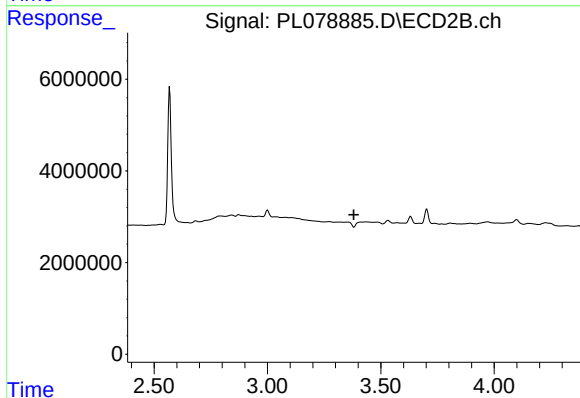
R.T.: 0.000 min  
Exp R.T. : 3.061 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

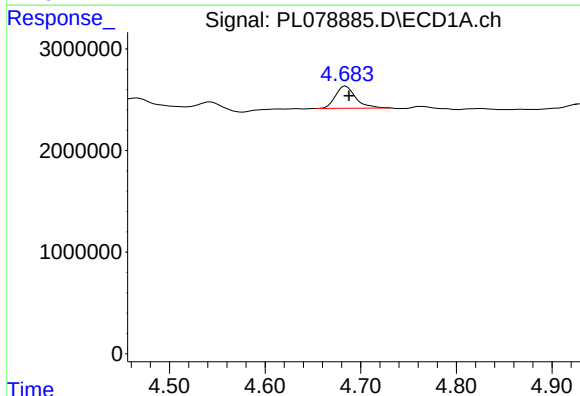
R.T.: 4.141 min  
Delta R.T.: 0.025 min  
Response: 75186  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



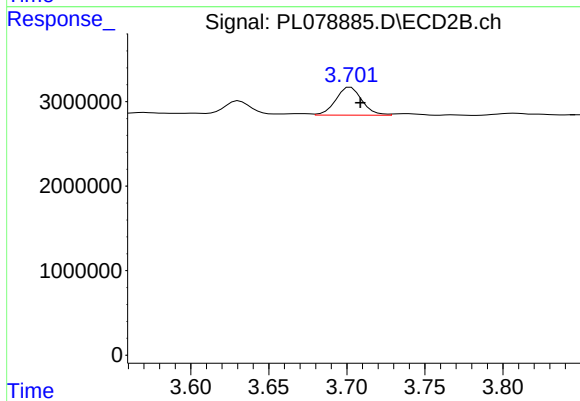
#3 gamma-BHC (Lindane)

R.T.: 3.410 min  
Delta R.T.: 0.028 min  
Response: -607708  
Conc: N.D.



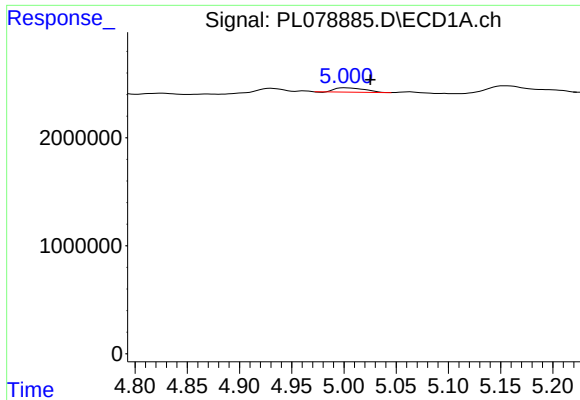
#4 Heptachlor

R.T.: 4.684 min  
Delta R.T.: -0.003 min  
Response: 3204981  
Conc: 1.23 ng/ml



#4 Heptachlor

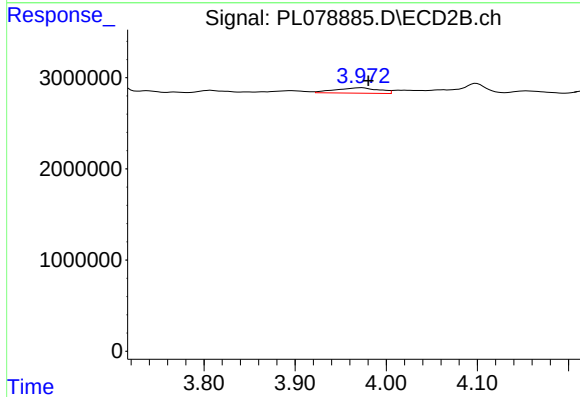
R.T.: 3.703 min  
Delta R.T.: -0.006 min  
Response: 3877067  
Conc: 1.12 ng/ml



#5 Aldrin

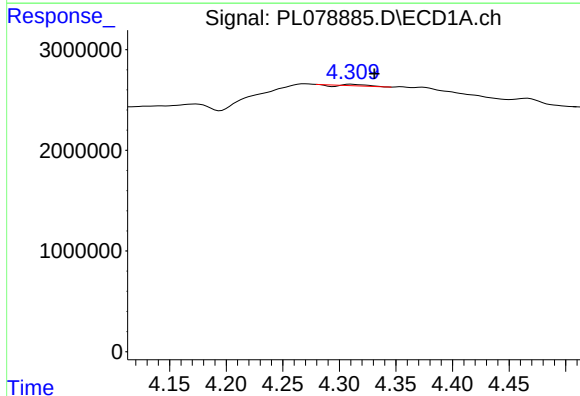
R.T.: 5.001 min  
Delta R.T.: -0.025 min  
Response: 799245  
Conc: 0.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



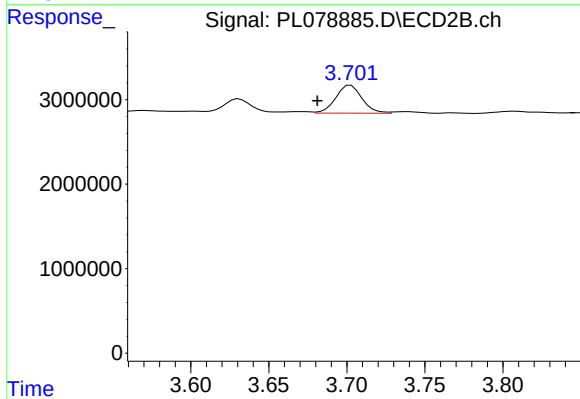
#5 Aldrin

R.T.: 3.973 min  
Delta R.T.: -0.007 min  
Response: 1941540  
Conc: 0.55 ng/ml



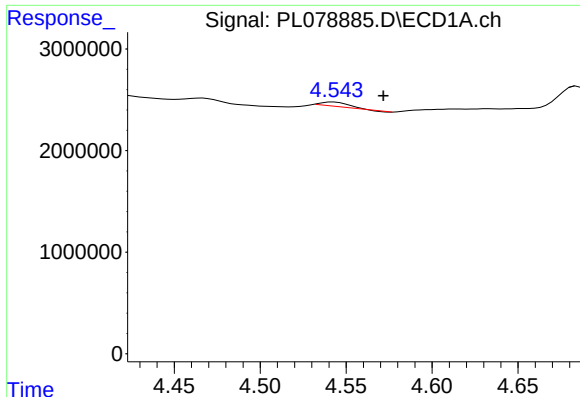
#6 beta-BHC

R.T.: 4.310 min  
Delta R.T.: -0.021 min  
Response: 123545  
Conc: 0.11 ng/ml



#6 beta-BHC

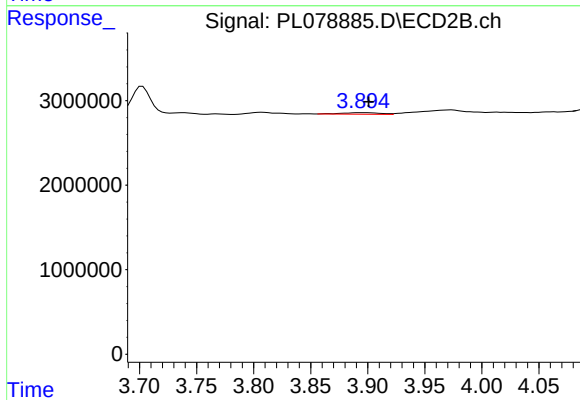
R.T.: 3.703 min  
Delta R.T.: 0.021 min  
Response: 3877067  
Conc: 2.70 ng/ml



#7 delta-BHC

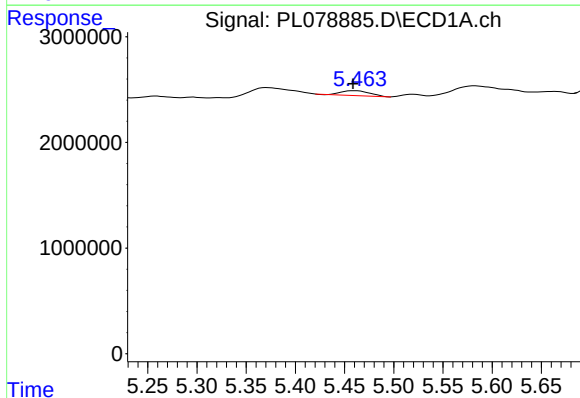
R.T.: 4.543 min  
Delta R.T.: -0.029 min  
Response: 453852  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



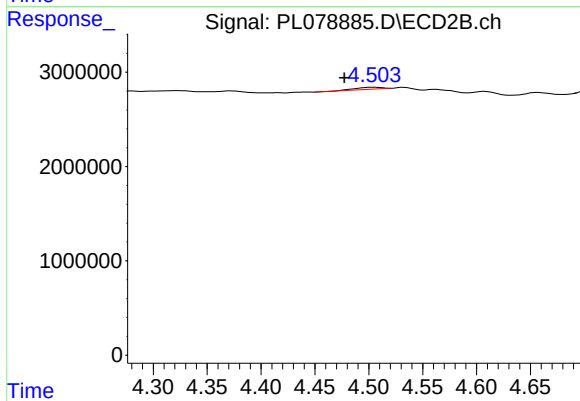
#7 delta-BHC

R.T.: 3.895 min  
Delta R.T.: -0.006 min  
Response: 446847  
Conc: 0.12 ng/ml



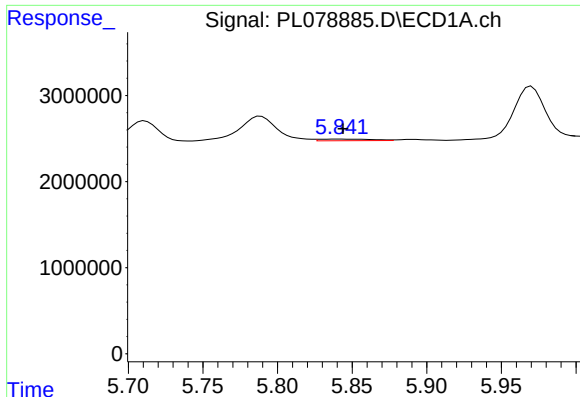
#8 Heptachlor epoxide

R.T.: 5.461 min  
Delta R.T.: 0.002 min  
Response: 938153  
Conc: 0.44 ng/ml



#8 Heptachlor epoxide

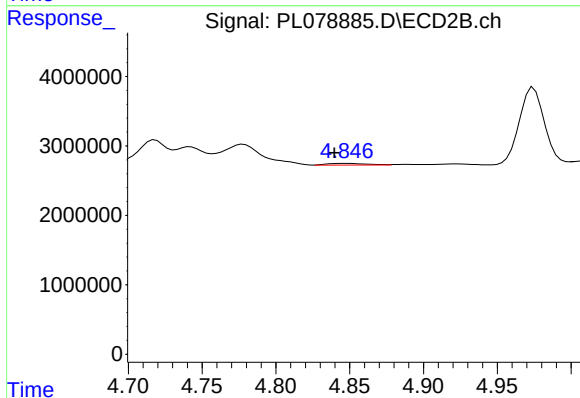
R.T.: 4.505 min  
Delta R.T.: 0.028 min  
Response: 348235  
Conc: 0.12 ng/ml



#9 Endosulfan I

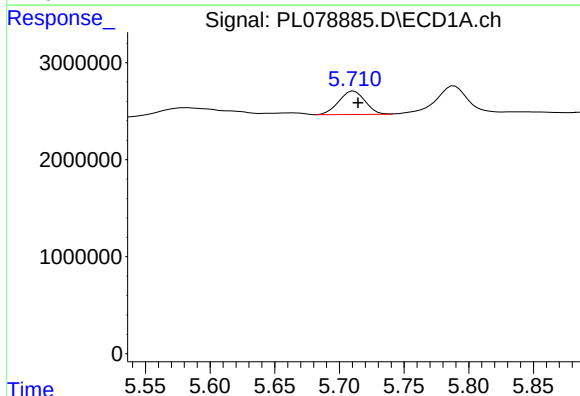
R.T.: 5.842 min  
Delta R.T.: -0.002 min  
Response: 462279  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



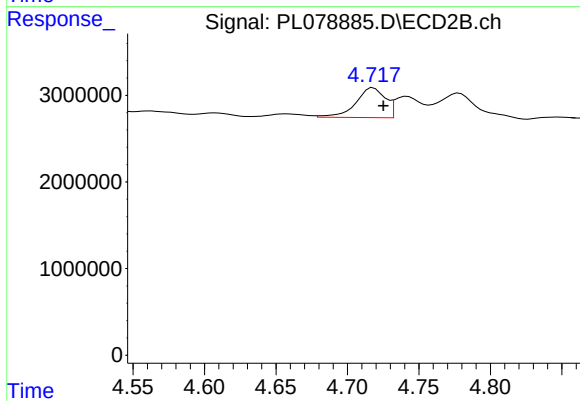
#9 Endosulfan I

R.T.: 4.848 min  
Delta R.T.: 0.008 min  
Response: 441870  
Conc: 0.15 ng/ml



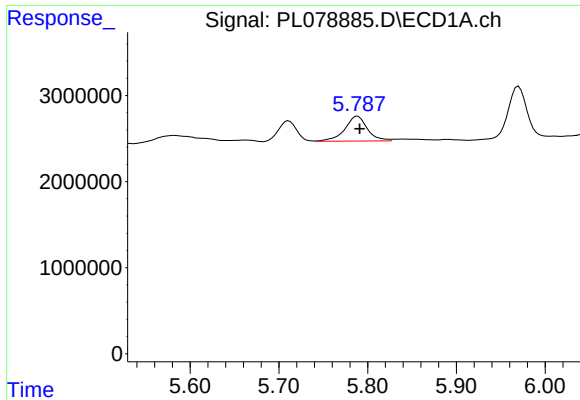
#10 gamma-Chlordane

R.T.: 5.711 min  
Delta R.T.: -0.003 min  
Response: 3410553  
Conc: 1.51 ng/ml



#10 gamma-Chlordane

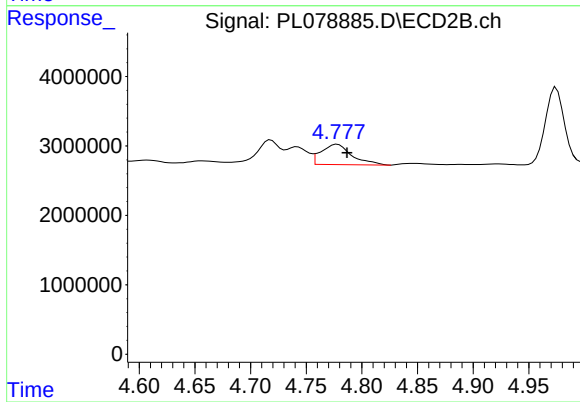
R.T.: 4.718 min  
Delta R.T.: -0.007 min  
Response: 4940648  
Conc: 1.61 ng/ml



#11 alpha-Chlordane

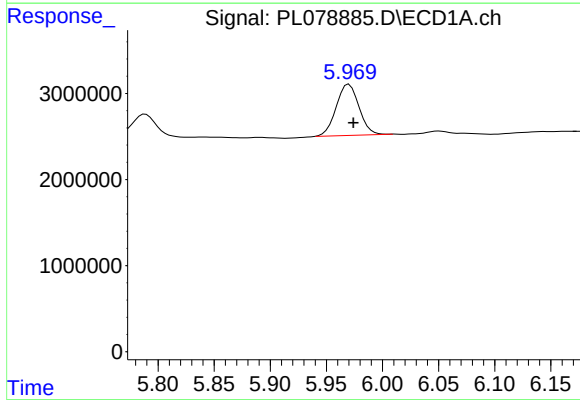
R.T.: 5.789 min  
Delta R.T.: -0.002 min  
Response: 5093494  
Conc: 2.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



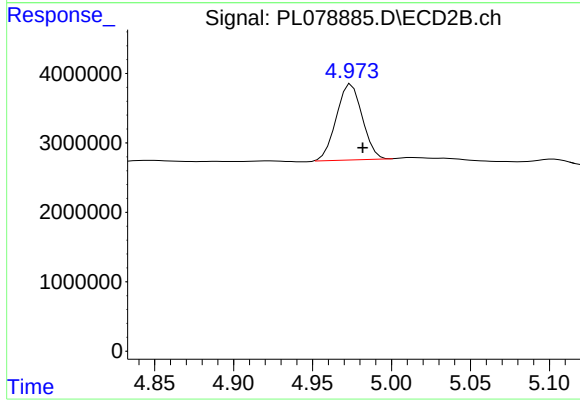
#11 alpha-Chlordane

R.T.: 4.778 min  
Delta R.T.: -0.009 min  
Response: 5569928  
Conc: 1.87 ng/ml



#12 4,4'-DDE

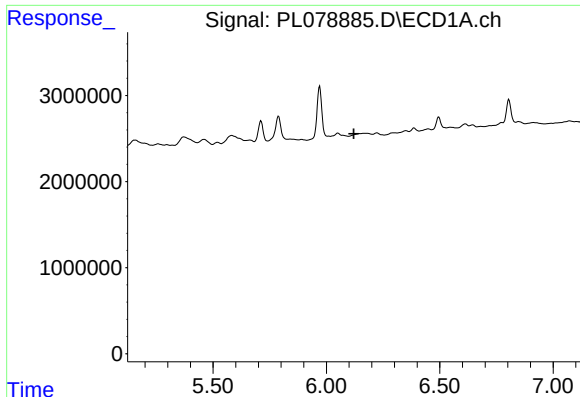
R.T.: 5.970 min  
Delta R.T.: -0.004 min  
Response: 8423840  
Conc: 4.21 ng/ml



#12 4,4'-DDE

R.T.: 4.975 min  
Delta R.T.: -0.007 min  
Response: 12502752  
Conc: 4.59 ng/ml

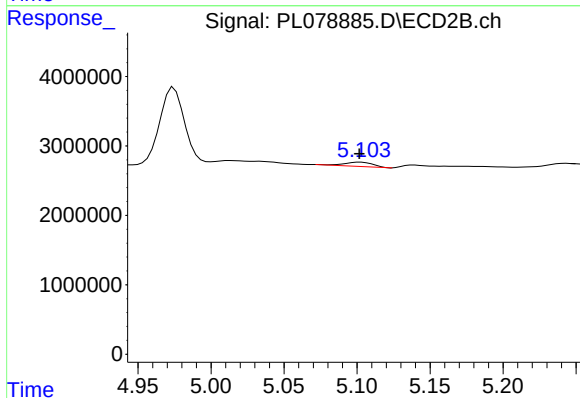




#13 Dieldrin

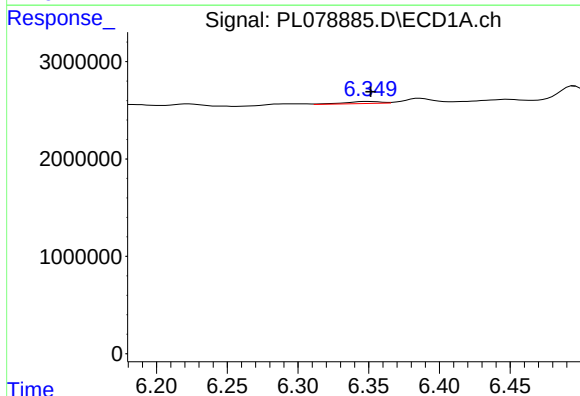
R.T.: 6.144 min  
Delta R.T.: 0.023 min  
Response: -160635  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



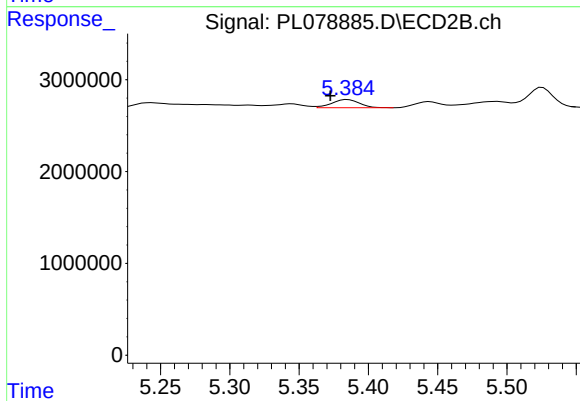
#13 Dieldrin

R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 858534  
Conc: 0.29 ng/ml



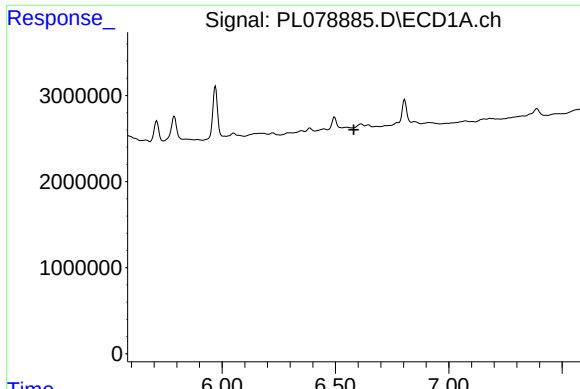
#14 Endrin

R.T.: 6.350 min  
Delta R.T.: -0.001 min  
Response: 379858  
Conc: 0.20 ng/ml



#14 Endrin

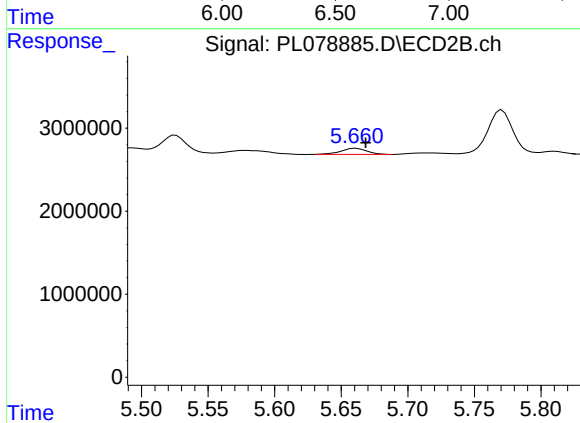
R.T.: 5.385 min  
Delta R.T.: 0.012 min  
Response: 1227839  
Conc: 0.47 ng/ml



#15 Endosulfan II

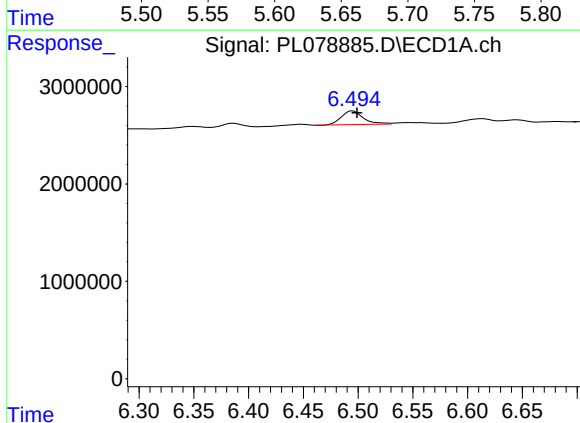
R.T.: 0.000 min  
Exp R.T.: 6.581 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



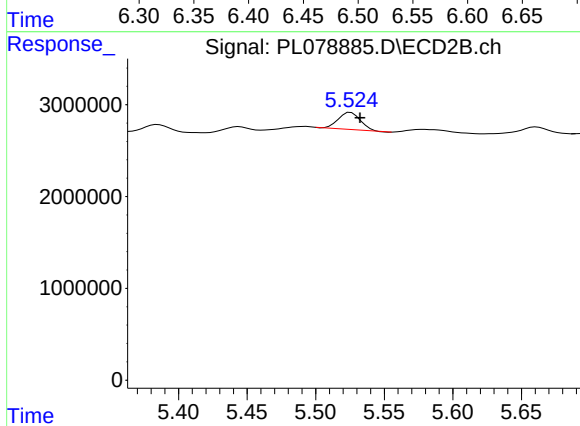
#15 Endosulfan II

R.T.: 5.661 min  
Delta R.T.: -0.007 min  
Response: 996282  
Conc: 0.44 ng/ml



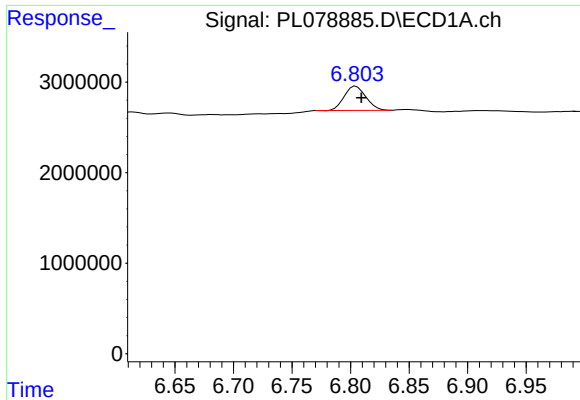
#16 4,4'-DDD

R.T.: 6.495 min  
Delta R.T.: -0.004 min  
Response: 1956099  
Conc: 1.17 ng/ml



#16 4,4'-DDD

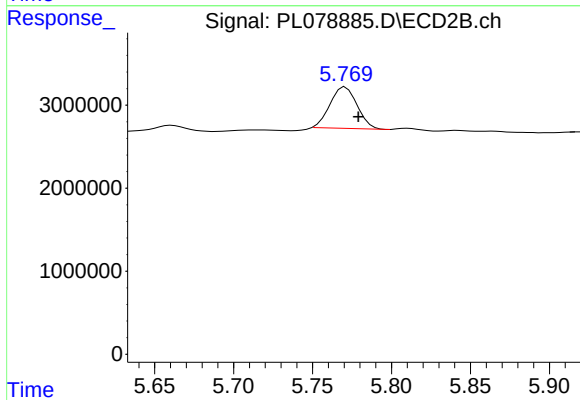
R.T.: 5.526 min  
Delta R.T.: -0.007 min  
Response: 2091039  
Conc: 0.95 ng/ml



#17 4,4'-DDT

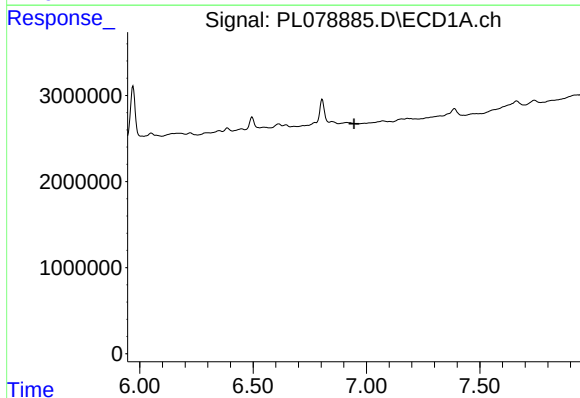
R.T.: 6.805 min  
Delta R.T.: -0.005 min  
Response: 3466623  
Conc: 1.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



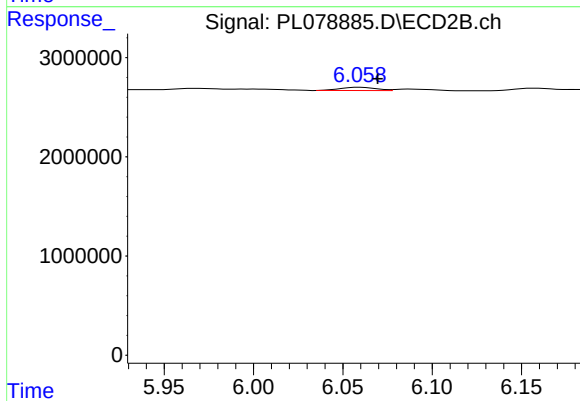
#17 4,4'-DDT

R.T.: 5.771 min  
Delta R.T.: -0.008 min  
Response: 5933121  
Conc: 2.74 ng/ml



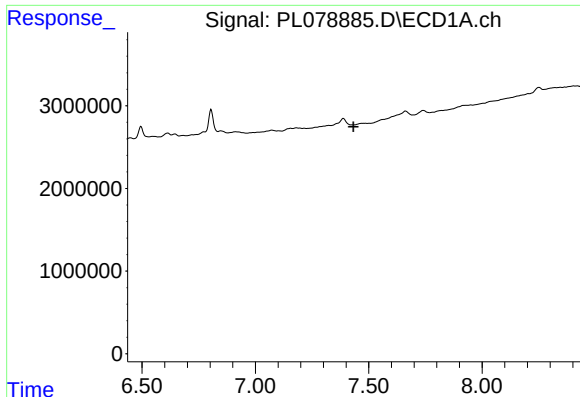
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.946 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

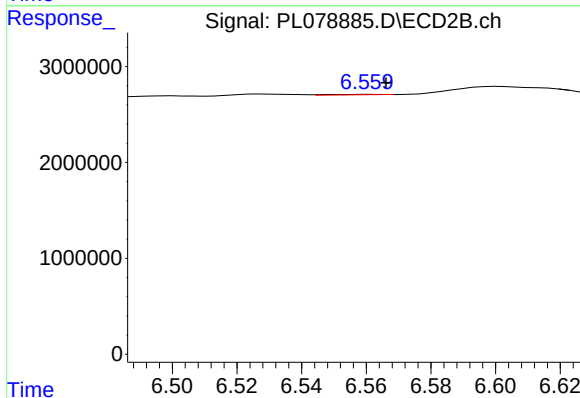
R.T.: 6.059 min  
Delta R.T.: -0.010 min  
Response: 465798  
Conc: 0.20 ng/ml



#21 Endrin ketone

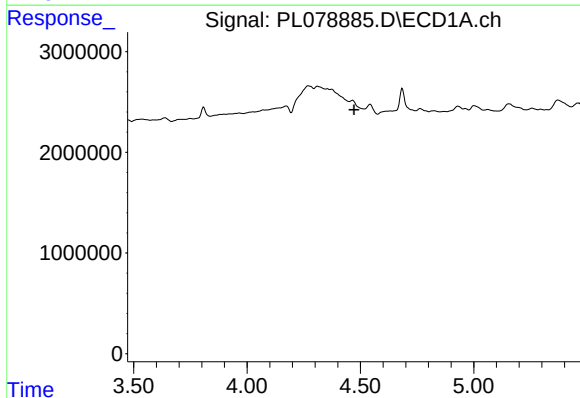
R.T.: 0.000 min  
Exp R.T.: 7.433 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



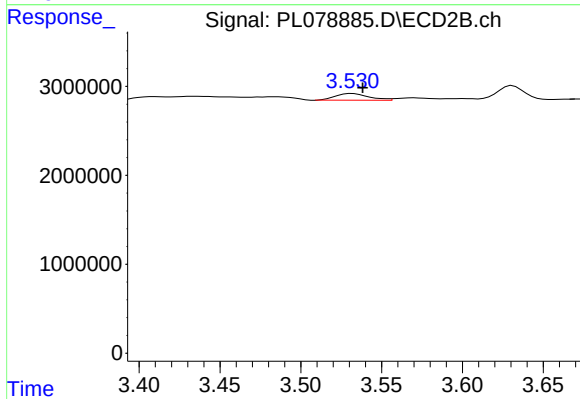
#21 Endrin ketone

R.T.: 6.561 min  
Delta R.T.: -0.006 min  
Response: 55984  
Conc: 0.02 ng/ml



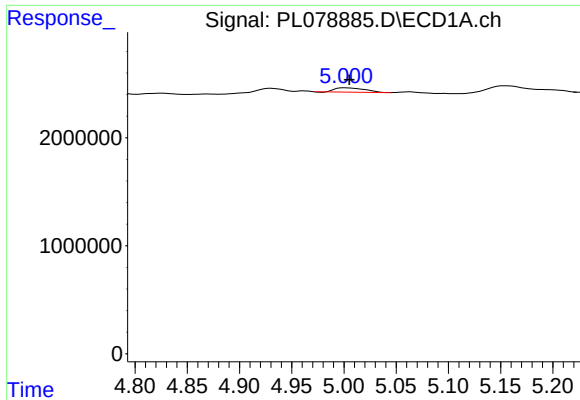
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.472 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

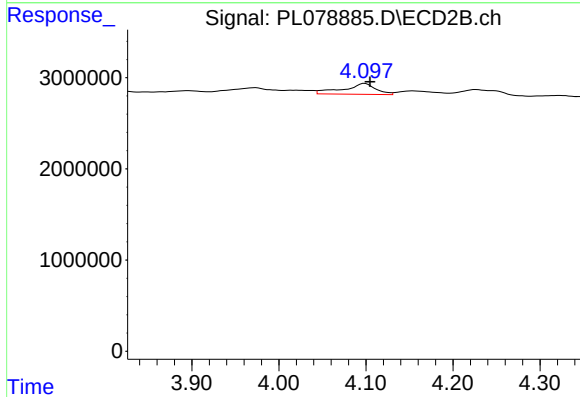
R.T.: 3.532 min  
Delta R.T.: -0.007 min  
Response: 1093540  
Conc: 10.84 ng/ml



#24 Chlordane-2

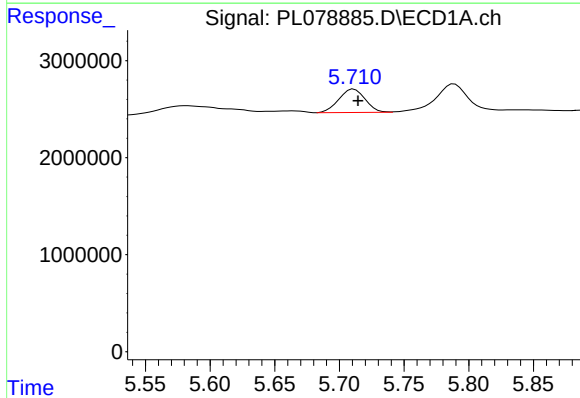
R.T.: 5.001 min  
Delta R.T.: -0.005 min  
Response: 799245  
Conc: 9.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



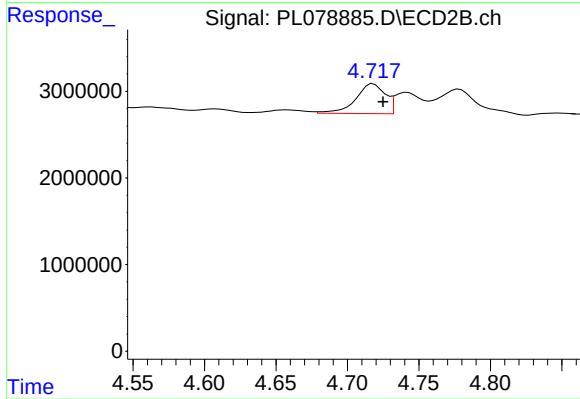
#24 Chlordane-2

R.T.: 4.099 min  
Delta R.T.: -0.006 min  
Response: 3141871  
Conc: 29.52 ng/ml



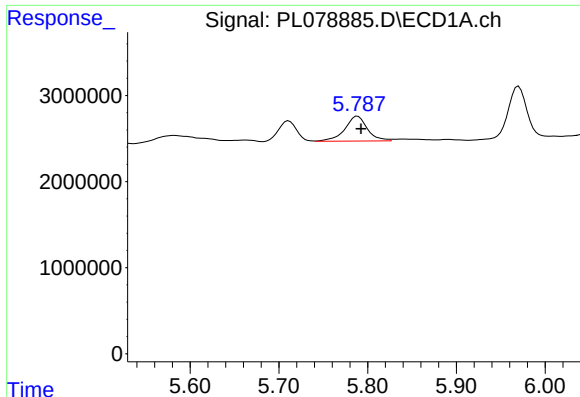
#25 Chlordane-3

R.T.: 5.711 min  
Delta R.T.: -0.003 min  
Response: 3410553  
Conc: 10.21 ng/ml



#25 Chlordane-3

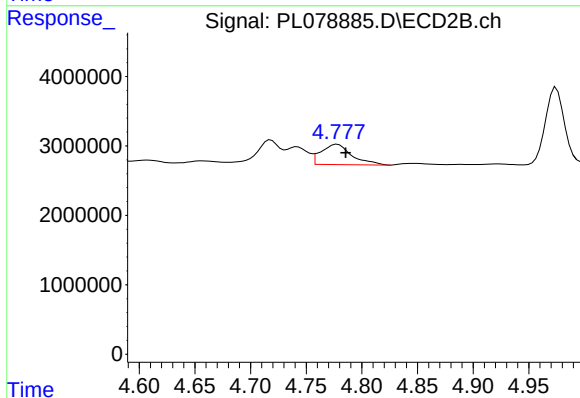
R.T.: 4.718 min  
Delta R.T.: -0.007 min  
Response: 4940648  
Conc: 16.21 ng/ml



#26 Chlordane-4

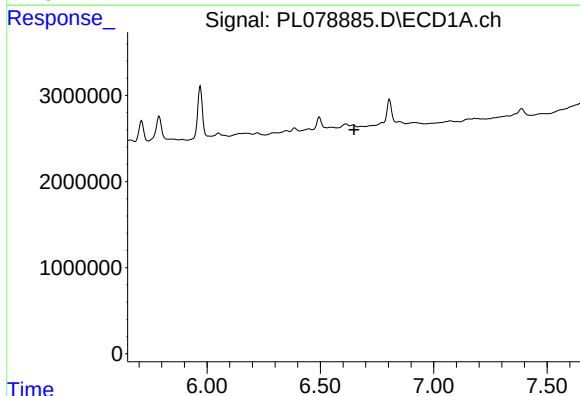
R.T.: 5.789 min  
Delta R.T.: -0.004 min  
Response: 5093494  
Conc: 12.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



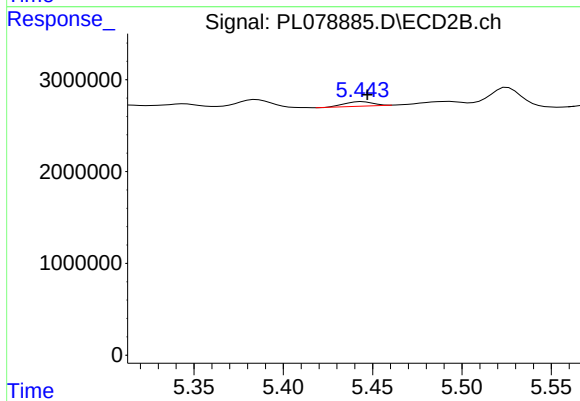
#26 Chlordane-4

R.T.: 4.778 min  
Delta R.T.: -0.007 min  
Response: 5569928  
Conc: 17.05 ng/ml



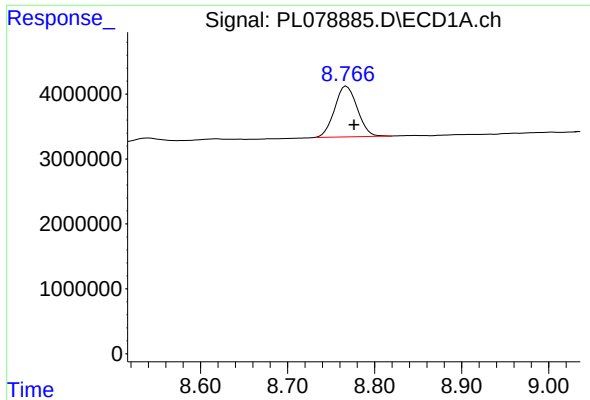
#27 Chlordane-5

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



#27 Chlordane-5

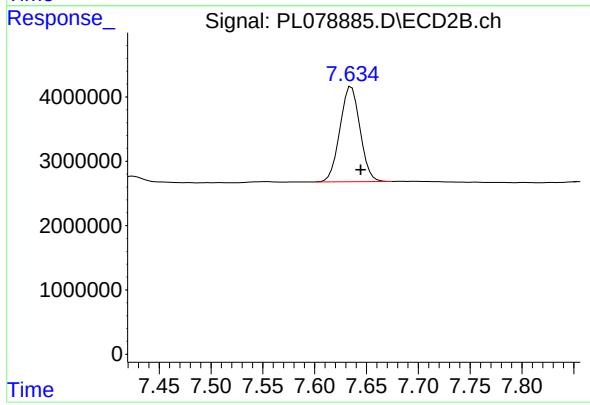
R.T.: 5.444 min  
Delta R.T.: -0.003 min  
Response: 534256  
Conc: 6.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.768 min  
Delta R.T.: -0.009 min  
Response: 14147306  
Conc: 9.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.635 min  
Delta R.T.: -0.009 min  
Response: 19943045  
Conc: 10.53 ng/ml