

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100722\  
 Data File : PL078193.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Oct 2022 17:39  
 Operator : AR\AJ  
 Sample : N4956-09  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 07 00:39:10 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100522CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 05 01:39:00 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 x 0.50µm

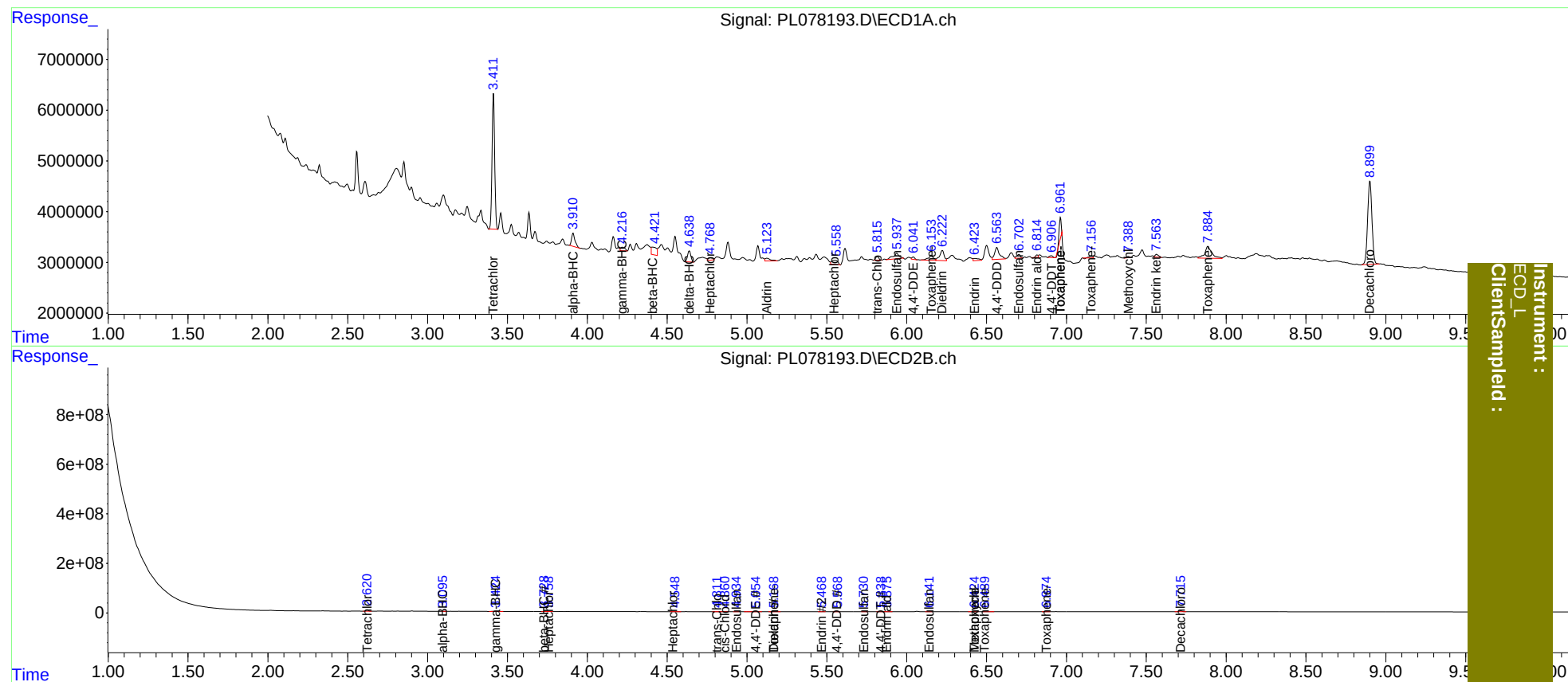
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.413  | 2.622  | 29977993 | 55839855 | 16.995  | 16.597    |
| 27)                         | SA Decachlor... | 8.901  | 7.716  | 31173146 | 50199989 | 20.566  | 18.539    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.911f | 3.096  | 3911442  | 1307269  | 1.556   | 0.260 #   |
| 3)                          | MA gamma-BHC... | 4.218  | 3.425  | 1261638  | 6615935  | 0.523   | 1.445 #   |
| 4)                          | MA Heptachlor   | 4.770  | 3.758  | 937926   | 1666024  | 0.389   | 0.363     |
| 5)                          | MB Aldrin       | 5.125  | 0.000  | 1261275  | 0        | 0.578   | N.D. #    |
| 6)                          | B beta-BHC      | 4.410  | 3.729  | 3323081  | 2885587  | 2.825   | 1.453 #   |
| 7)                          | B delta-BHC     | 4.639f | 0.000  | 3098656  | 0        | 1.268   | N.D. #    |
| 8)                          | B Heptachlo...  | 5.547  | 4.539  | 2252596  | 2009580  | 1.065   | 0.509 #   |
| 9)                          | A Endosulfan I  | 5.939  | 4.935  | 2849594  | 1807258  | 1.604   | 0.500 #   |
| 10)                         | B trans-Chl...  | 5.817  | 4.811  | 940590   | 1406600  | 0.482   | 0.348 #   |
| 11)                         | B cis-Chlor...  | 5.861  | 4.862  | 128354   | 8032370  | <MDL    | 2.083 #   |
| 12)                         | B 4,4'-DDE      | 6.042  | 5.055  | 561785   | 3315867  | 0.300   | 0.883 #   |
| 13)                         | MA Dieldrin     | 6.223  | 5.169  | 3965046  | 6012844  | 2.132   | 1.546 #   |
| 14)                         | MA Endrin       | 6.425  | 5.469  | 1067446  | 2729641  | 0.662   | 0.846 #   |
| 15)                         | B Endosulfa...  | 6.704  | 5.731  | 1150962  | 3362313  | 0.713   | 1.063 #   |
| 16)                         | A 4,4'-DDD      | 6.565f | 5.564f | 4936181  | 2619391  | 3.638   | 0.867 #   |
| 17)                         | MA 4,4'-DDT     | 6.907  | 5.840  | 543850   | 1377308  | 0.374   | 0.456     |
| 18)                         | B Endrin al...  | 6.816  | 5.877f | 431044   | 5403977  | 0.320   | 2.090 #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.142  | 0        | 882968   | N.D.    | 0.285     |
| 20)                         | A Methoxychlor  | 7.389  | 6.426  | 289280   | 158768   | 0.386   | 0.107 #   |
| 21)                         | B Endrin ke...  | 7.564  | 6.642  | 821579   | 39389    | 0.511   | <MDL #    |
| 22)                         | Toxaphene-1     | 6.154f | 5.169  | 2176366  | 6012844  | 155.517 | 371.779 # |
| 23)                         | Toxaphene-2     | 6.963  | 6.426  | 3470000  | 158768   | 84.854  | 2.361 #   |
| 24)                         | Toxaphene-3     | 6.963f | 6.490f | 3470000  | 2269313  | 108.301 | 24.920 #  |
| 25)                         | Toxaphene-4     | 7.157  | 6.875  | 551302   | 841440   | 25.921  | 15.346 #  |
| 26)                         | Toxaphene-5     | 7.885f | 7.002  | 7224104  | -736767  | 300.701 | N.D. #    |
| -----                       |                 |        |        |          |          |         |           |

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

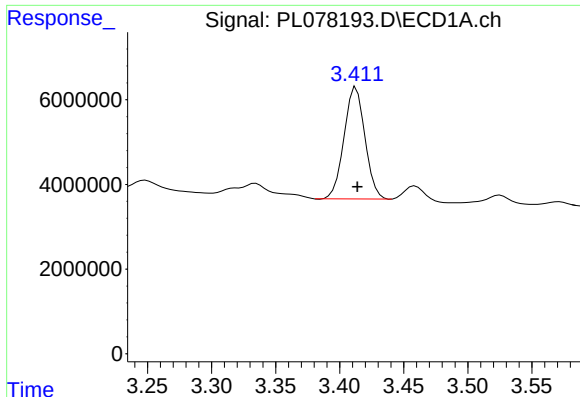
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100722\  
Data File : PL078193.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Oct 2022 17:39  
Operator : AR\AJ  
Sample : N4956-09  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 07 00:39:10 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100522CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 05 01:39:00 2022  
Response via : Initial Calibration  
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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 x 0.50µm



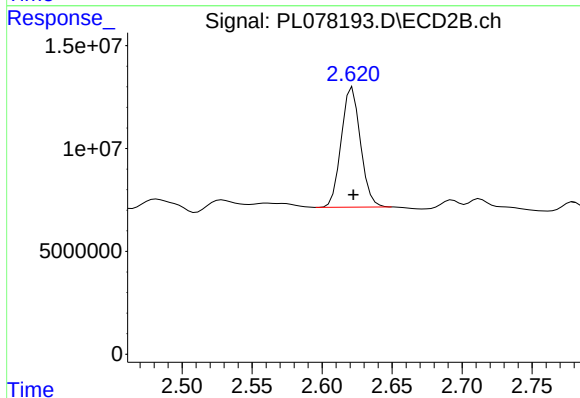
Instrument :  
ECD\_L  
ClientSampled :



#1 Tetrachloro-m-xylene

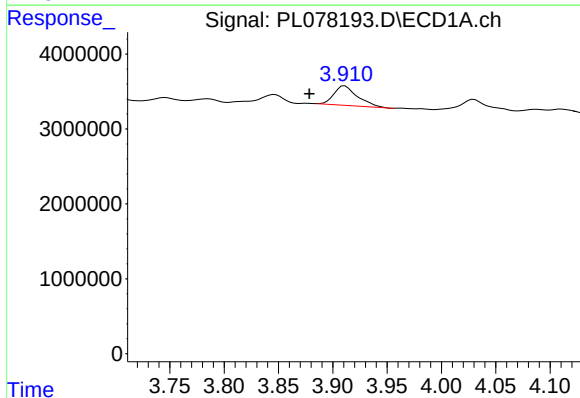
R.T.: 3.413 min  
Delta R.T.: -0.001 min  
Response: 29977993  
Conc: 17.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



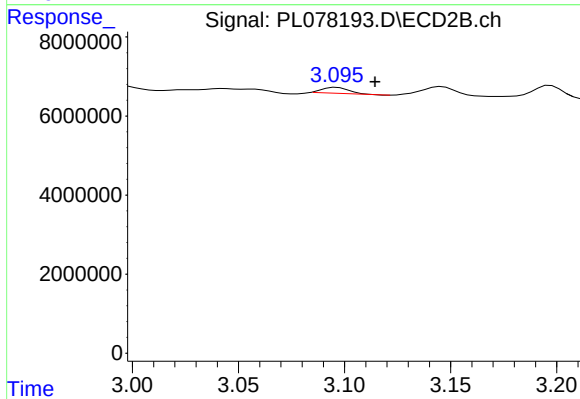
#1 Tetrachloro-m-xylene

R.T.: 2.622 min  
Delta R.T.: 0.000 min  
Response: 55839855  
Conc: 16.60 ng/ml



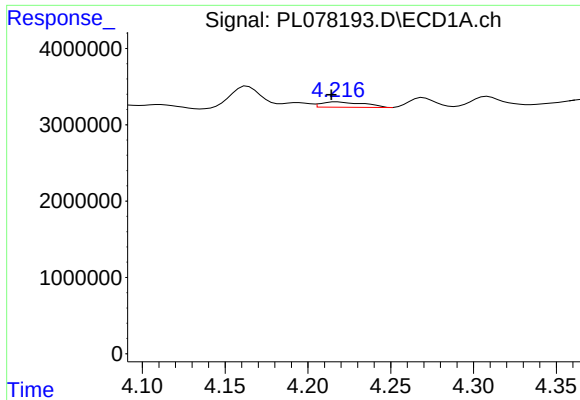
#2 alpha-BHC

R.T.: 3.911 min  
Delta R.T.: 0.033 min  
Response: 3911442  
Conc: 1.56 ng/ml



#2 alpha-BHC

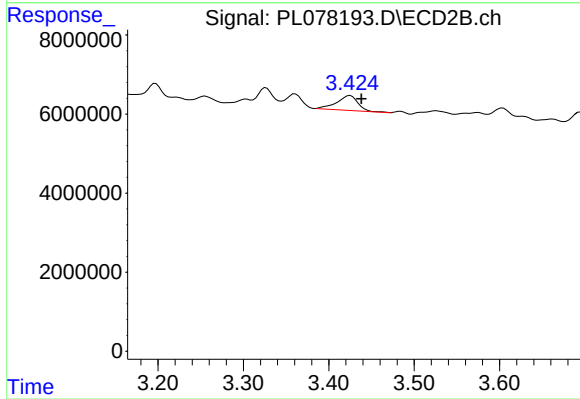
R.T.: 3.096 min  
Delta R.T.: -0.018 min  
Response: 1307269  
Conc: 0.26 ng/ml



#3 gamma-BHC (Lindane)

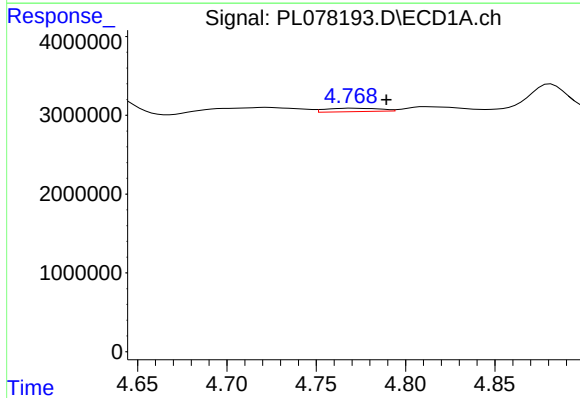
R.T.: 4.218 min  
Delta R.T.: 0.004 min  
Response: 1261638  
Conc: 0.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



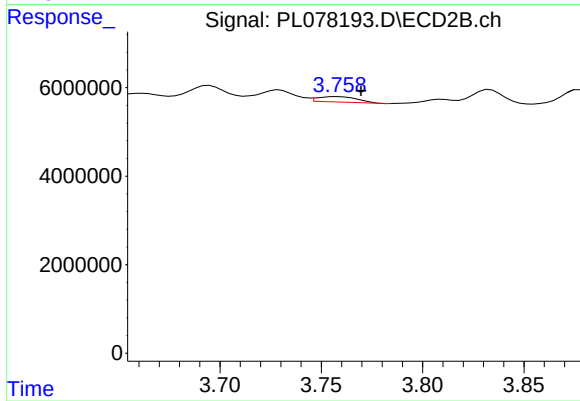
#3 gamma-BHC (Lindane)

R.T.: 3.425 min  
Delta R.T.: -0.013 min  
Response: 6615935  
Conc: 1.45 ng/ml



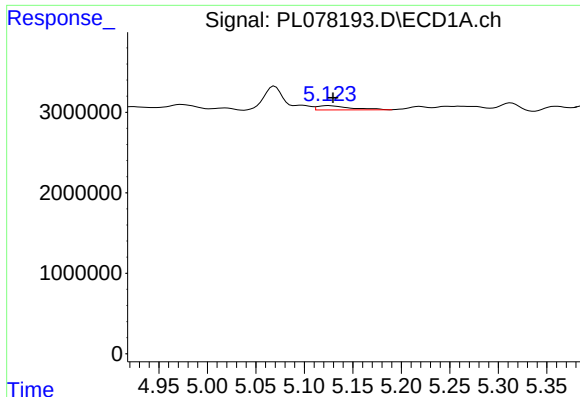
#4 Heptachlor

R.T.: 4.770 min  
Delta R.T.: -0.019 min  
Response: 937926  
Conc: 0.39 ng/ml



#4 Heptachlor

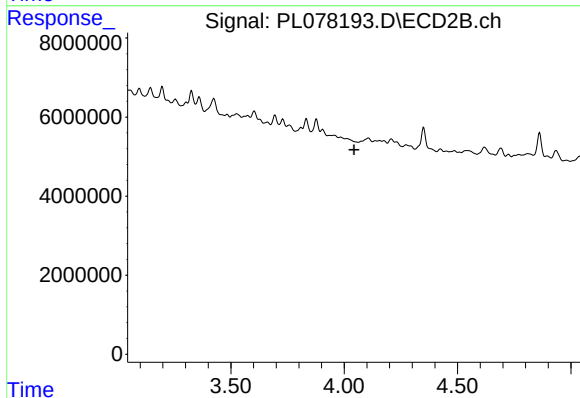
R.T.: 3.758 min  
Delta R.T.: -0.011 min  
Response: 1666024  
Conc: 0.36 ng/ml



#5 Aldrin

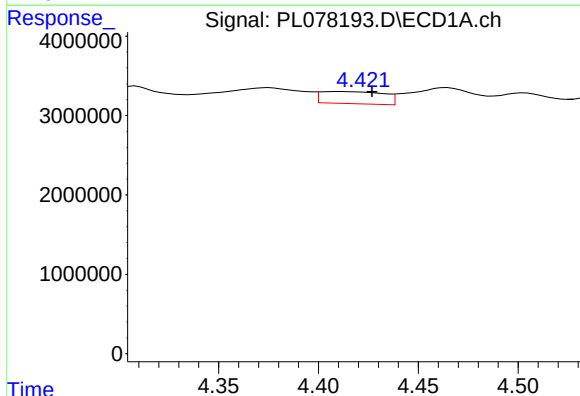
R.T.: 5.125 min  
Delta R.T.: -0.005 min  
Response: 1261275  
Conc: 0.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



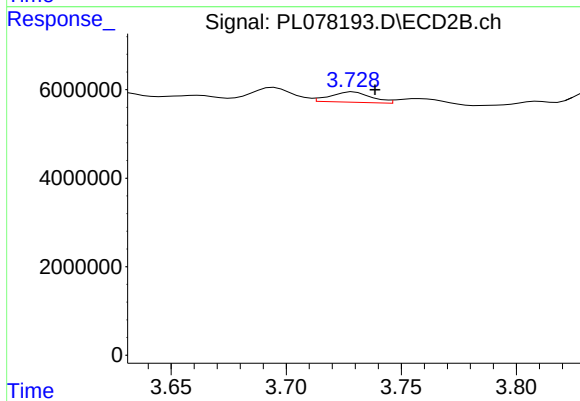
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.044 min  
Response: 0  
Conc: N.D.



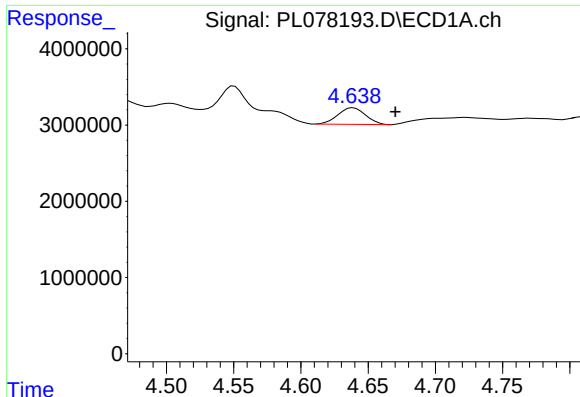
#6 beta-BHC

R.T.: 4.410 min  
Delta R.T.: -0.017 min  
Response: 3323081  
Conc: 2.82 ng/ml



#6 beta-BHC

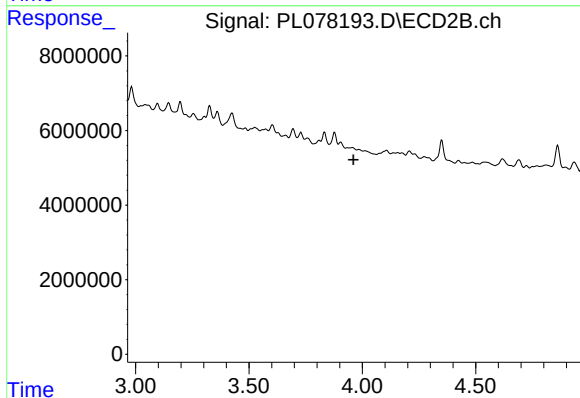
R.T.: 3.729 min  
Delta R.T.: -0.009 min  
Response: 2885587  
Conc: 1.45 ng/ml



#7 delta-BHC

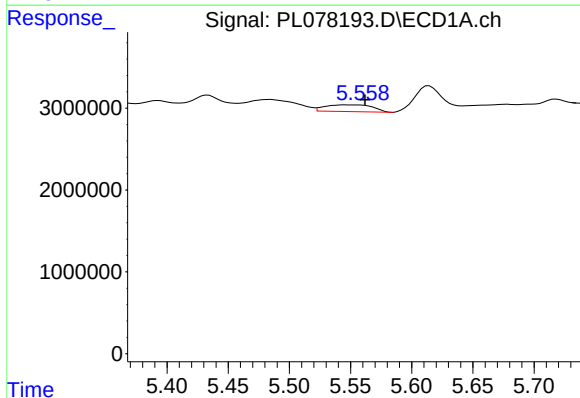
R.T.: 4.639 min  
Delta R.T.: -0.031 min  
Response: 3098656  
Conc: 1.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



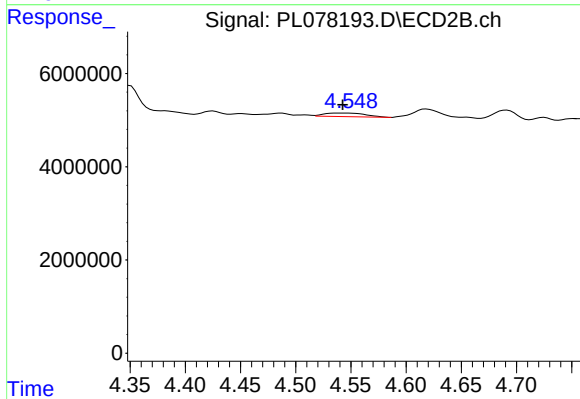
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 3.961 min  
Response: 0  
Conc: N.D.



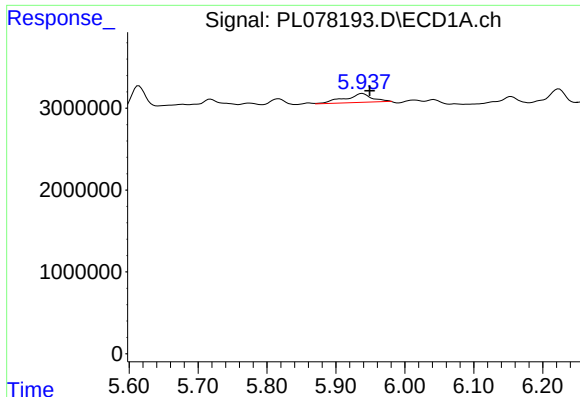
#8 Heptachlor epoxide

R.T.: 5.547 min  
Delta R.T.: -0.015 min  
Response: 2252596  
Conc: 1.06 ng/ml



#8 Heptachlor epoxide

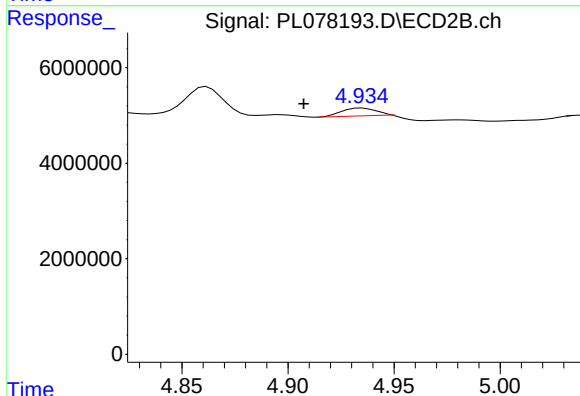
R.T.: 4.539 min  
Delta R.T.: -0.004 min  
Response: 2009580  
Conc: 0.51 ng/ml



#9 Endosulfan I

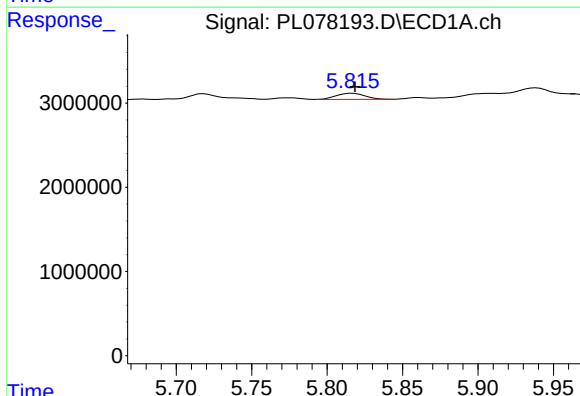
R.T.: 5.939 min  
Delta R.T.: -0.011 min  
Response: 2849594  
Conc: 1.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



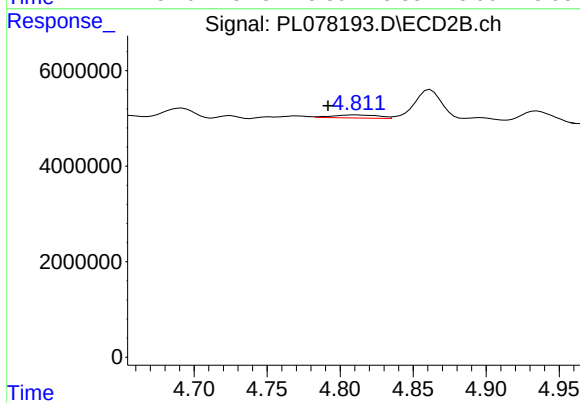
#9 Endosulfan I

R.T.: 4.935 min  
Delta R.T.: 0.027 min  
Response: 1807258  
Conc: 0.50 ng/ml



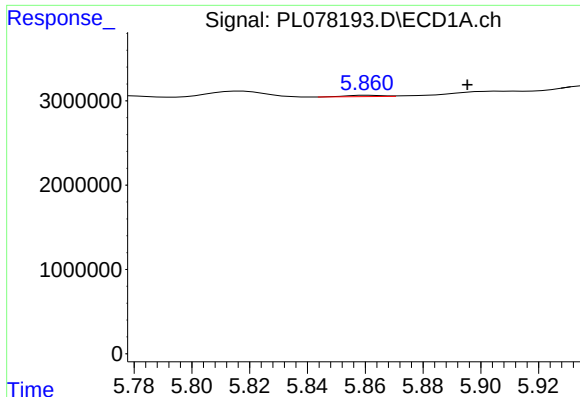
#10 trans-Chlordane

R.T.: 5.817 min  
Delta R.T.: -0.002 min  
Response: 940590  
Conc: 0.48 ng/ml



#10 trans-Chlordane

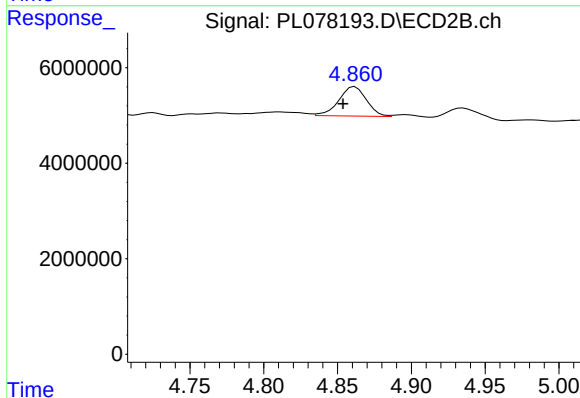
R.T.: 4.811 min  
Delta R.T.: 0.019 min  
Response: 1406600  
Conc: 0.35 ng/ml



#11 cis-Chlordane

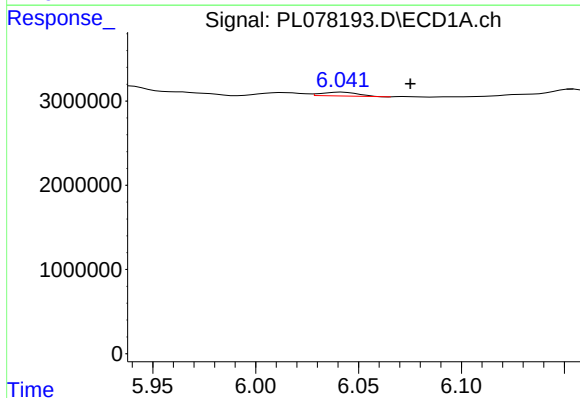
R.T.: 5.861 min  
Delta R.T.: -0.034 min  
Response: 128354  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



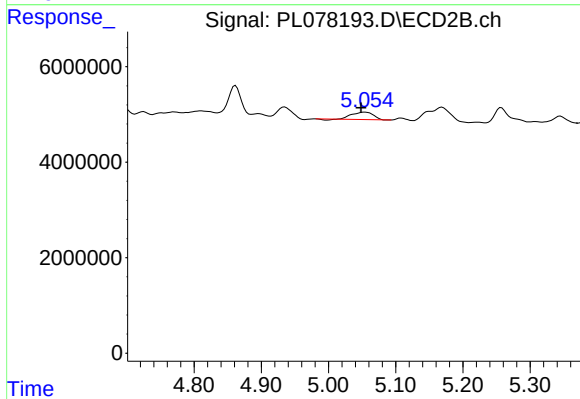
#11 cis-Chlordane

R.T.: 4.862 min  
Delta R.T.: 0.008 min  
Response: 8032370  
Conc: 2.08 ng/ml



#12 4,4'-DDE

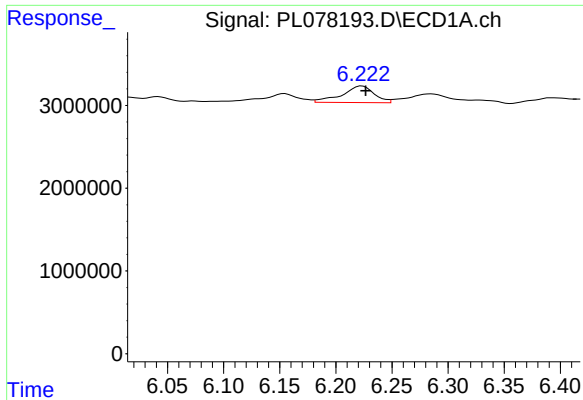
R.T.: 6.042 min  
Delta R.T.: -0.033 min  
Response: 561785  
Conc: 0.30 ng/ml



#12 4,4'-DDE

R.T.: 5.055 min  
Delta R.T.: 0.006 min  
Response: 3315867  
Conc: 0.88 ng/ml

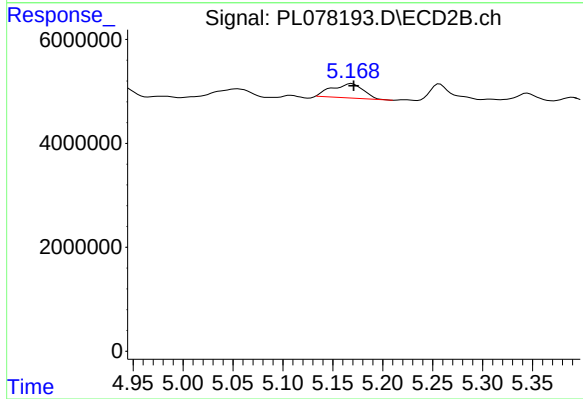




#13 Dieldrin

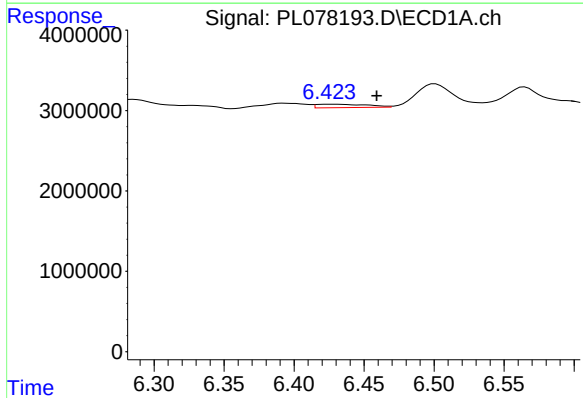
R.T.: 6.223 min  
Delta R.T.: -0.003 min  
Response: 3965046  
Conc: 2.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



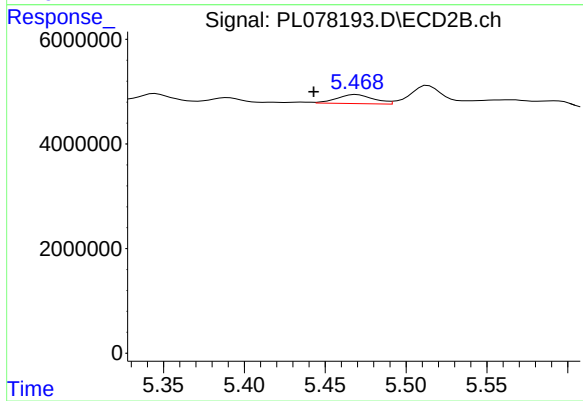
#13 Dieldrin

R.T.: 5.169 min  
Delta R.T.: -0.002 min  
Response: 6012844  
Conc: 1.55 ng/ml



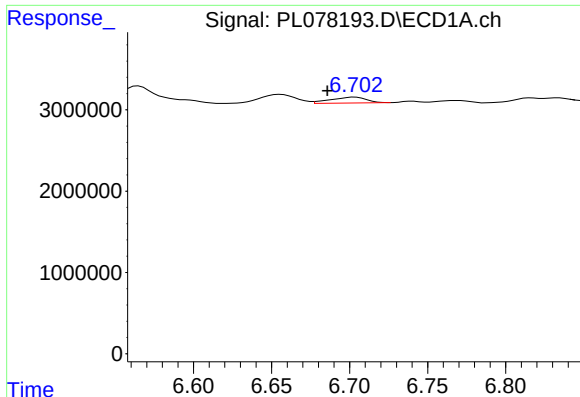
#14 Endrin

R.T.: 6.425 min  
Delta R.T.: -0.034 min  
Response: 1067446  
Conc: 0.66 ng/ml



#14 Endrin

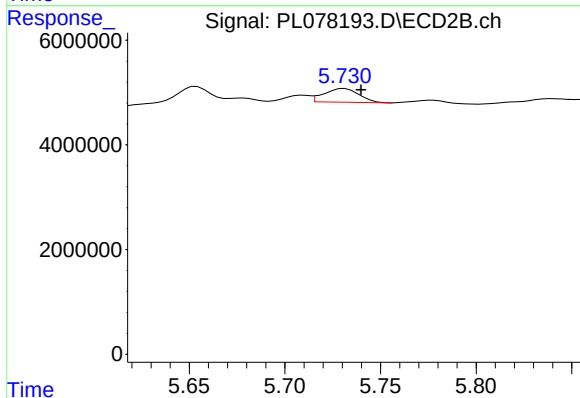
R.T.: 5.469 min  
Delta R.T.: 0.026 min  
Response: 2729641  
Conc: 0.85 ng/ml



#15 Endosulfan II

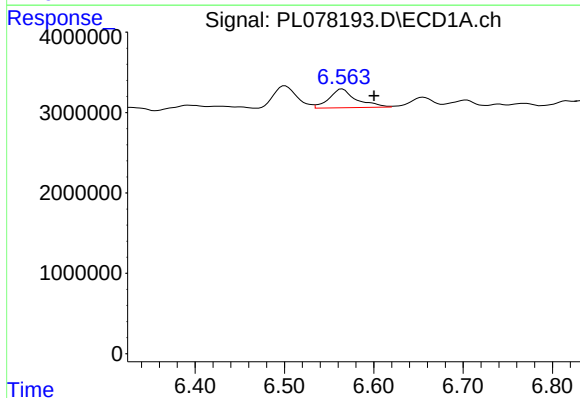
R.T.: 6.704 min  
Delta R.T.: 0.018 min  
Response: 1150962  
Conc: 0.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



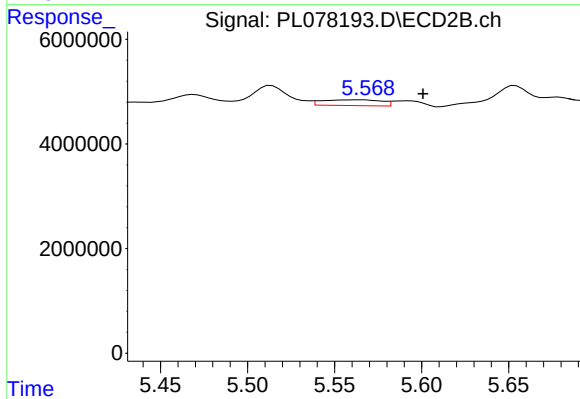
#15 Endosulfan II

R.T.: 5.731 min  
Delta R.T.: -0.009 min  
Response: 3362313  
Conc: 1.06 ng/ml



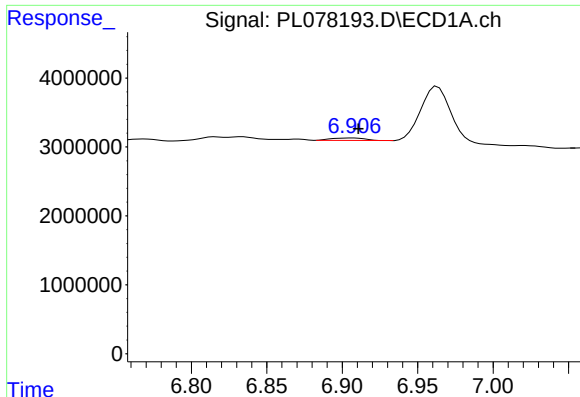
#16 4,4'-DDD

R.T.: 6.565 min  
Delta R.T.: -0.035 min  
Response: 4936181  
Conc: 3.64 ng/ml



#16 4,4'-DDD

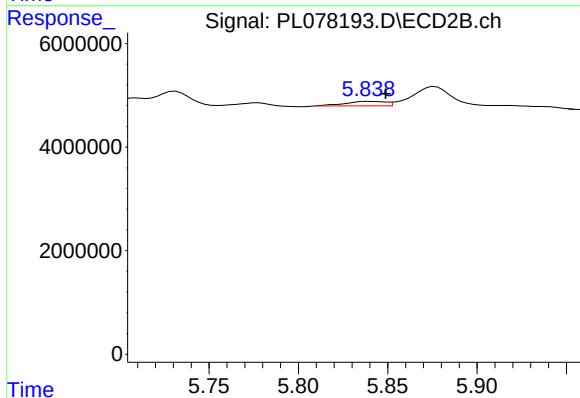
R.T.: 5.564 min  
Delta R.T.: -0.037 min  
Response: 2619391  
Conc: 0.87 ng/ml



#17 4,4'-DDT

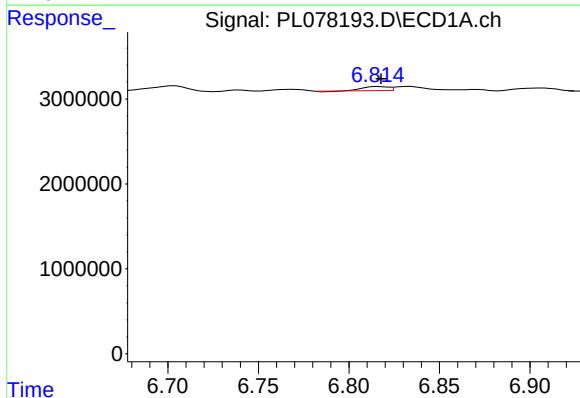
R.T.: 6.907 min  
Delta R.T.: -0.004 min  
Response: 543850  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



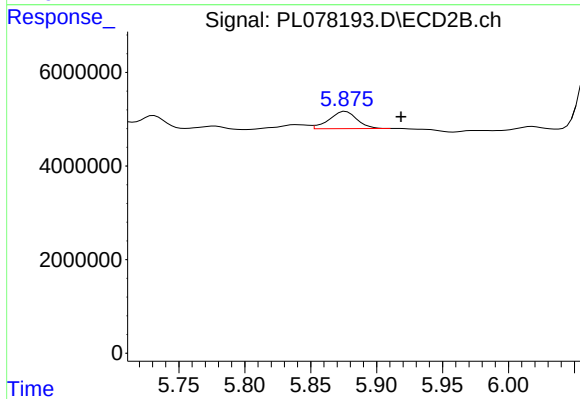
#17 4,4'-DDT

R.T.: 5.840 min  
Delta R.T.: -0.009 min  
Response: 1377308  
Conc: 0.46 ng/ml



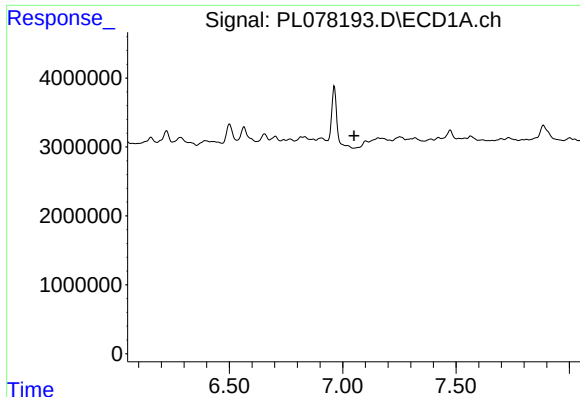
#18 Endrin aldehyde

R.T.: 6.816 min  
Delta R.T.: -0.002 min  
Response: 431044  
Conc: 0.32 ng/ml



#18 Endrin aldehyde

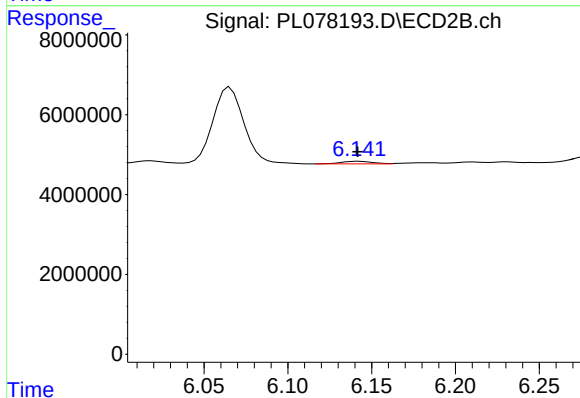
R.T.: 5.877 min  
Delta R.T.: -0.042 min  
Response: 5403977  
Conc: 2.09 ng/ml



#19 Endosulfan Sulfate

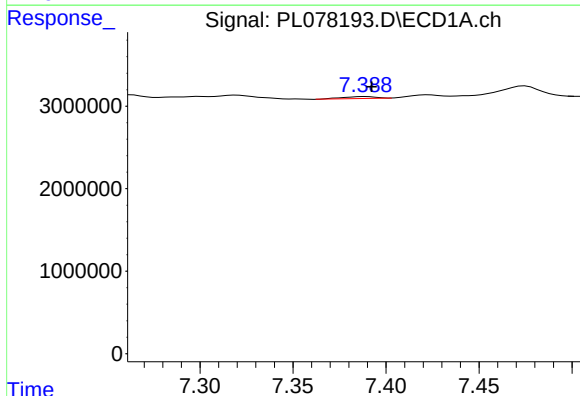
R.T.: 0.000 min  
Exp R.T.: 7.051 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



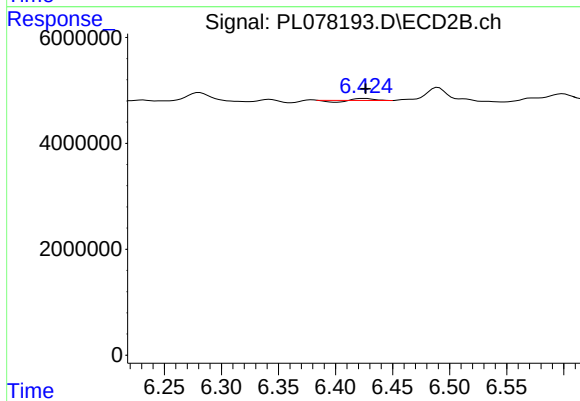
#19 Endosulfan Sulfate

R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 882968  
Conc: 0.28 ng/ml



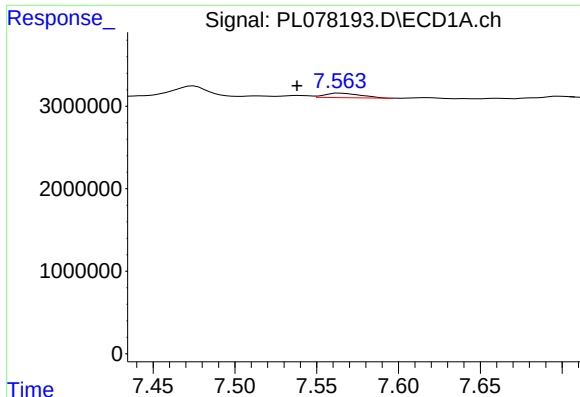
#20 Methoxychlor

R.T.: 7.389 min  
Delta R.T.: -0.003 min  
Response: 289280  
Conc: 0.39 ng/ml



#20 Methoxychlor

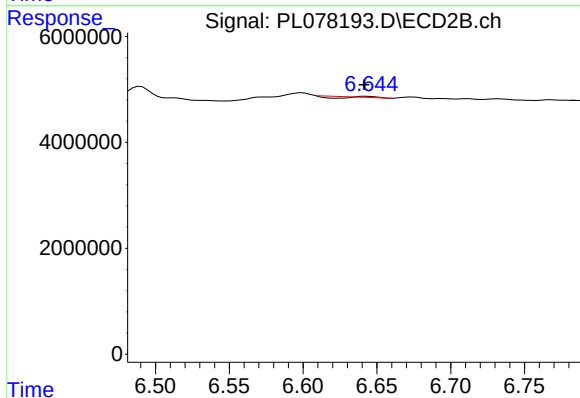
R.T.: 6.426 min  
Delta R.T.: 0.000 min  
Response: 158768  
Conc: 0.11 ng/ml



#21 Endrin ketone

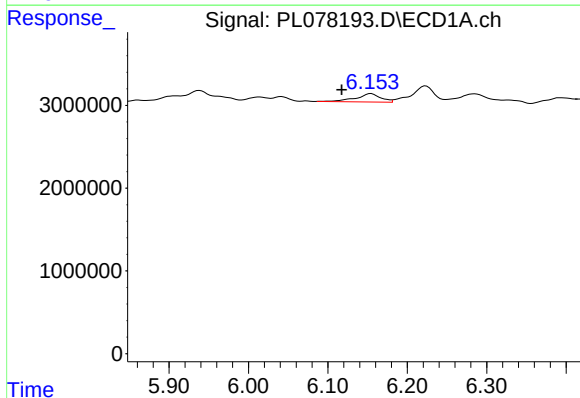
R.T.: 7.564 min  
Delta R.T.: 0.026 min  
Response: 821579  
Conc: 0.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



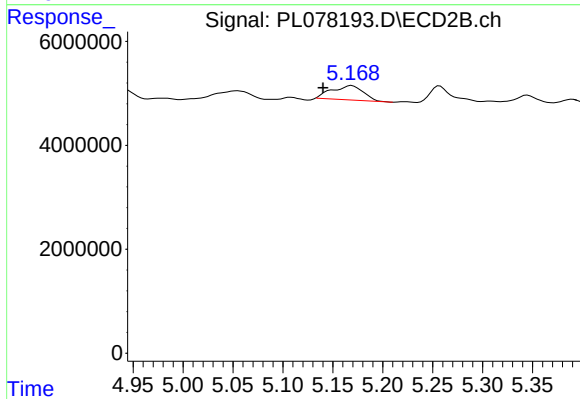
#21 Endrin ketone

R.T.: 6.642 min  
Delta R.T.: 0.001 min  
Response: 39389  
Conc: N.D.



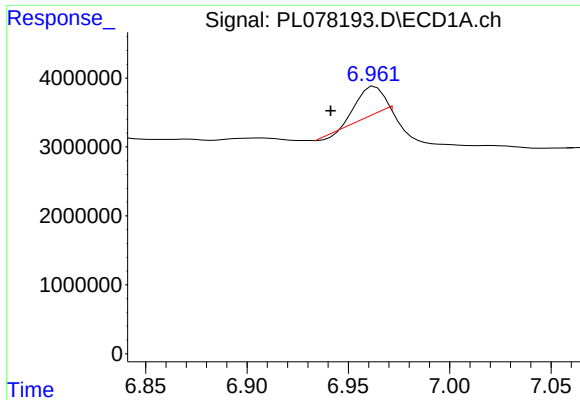
#22 Toxaphene-1

R.T.: 6.154 min  
Delta R.T.: 0.037 min  
Response: 2176366  
Conc: 155.52 ng/ml



#22 Toxaphene-1

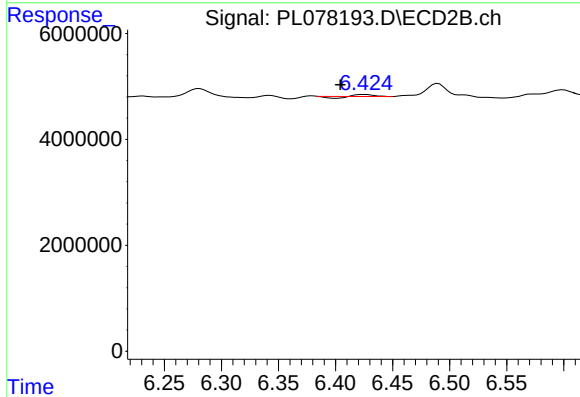
R.T.: 5.169 min  
Delta R.T.: 0.029 min  
Response: 6012844  
Conc: 371.78 ng/ml



#23 Toxaphene-2

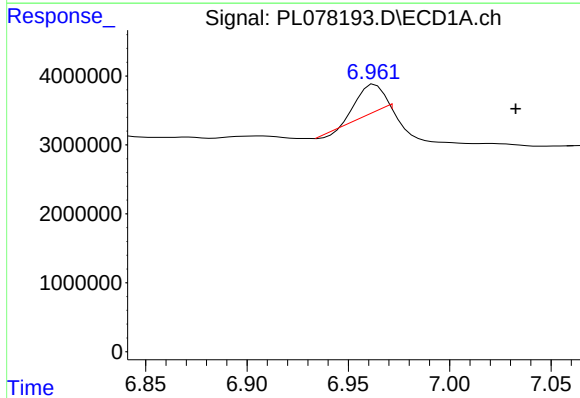
R.T.: 6.963 min  
Delta R.T.: 0.022 min  
Response: 3470000  
Conc: 84.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



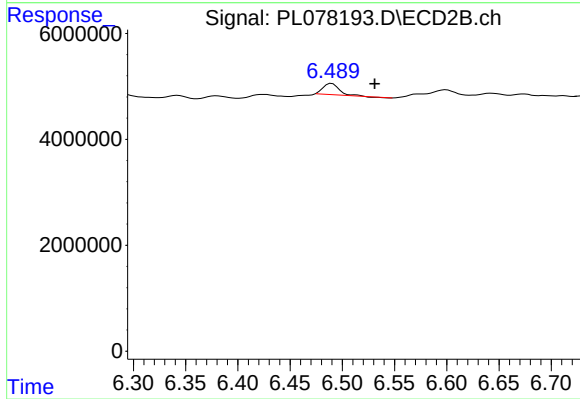
#23 Toxaphene-2

R.T.: 6.426 min  
Delta R.T.: 0.021 min  
Response: 158768  
Conc: 2.36 ng/ml



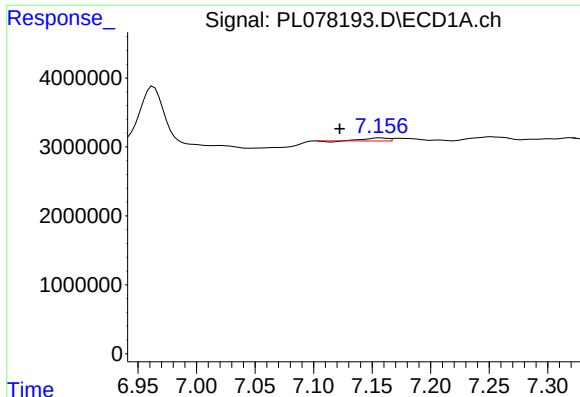
#24 Toxaphene-3

R.T.: 6.963 min  
Delta R.T.: -0.069 min  
Response: 3470000  
Conc: 108.30 ng/ml



#24 Toxaphene-3

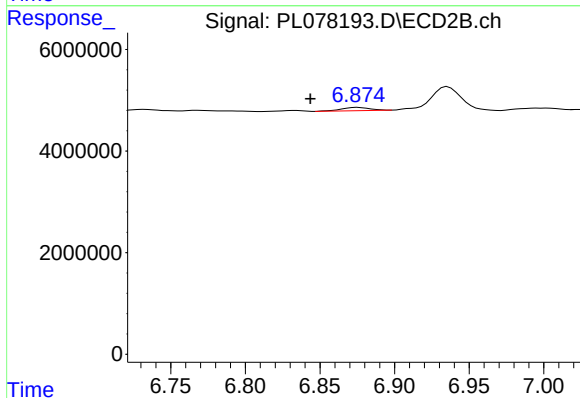
R.T.: 6.490 min  
Delta R.T.: -0.041 min  
Response: 2269313  
Conc: 24.92 ng/ml



#25 Toxaphene-4

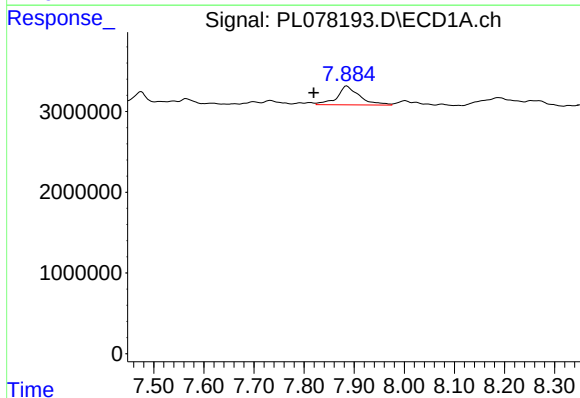
R.T.: 7.157 min  
Delta R.T.: 0.035 min  
Response: 551302  
Conc: 25.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



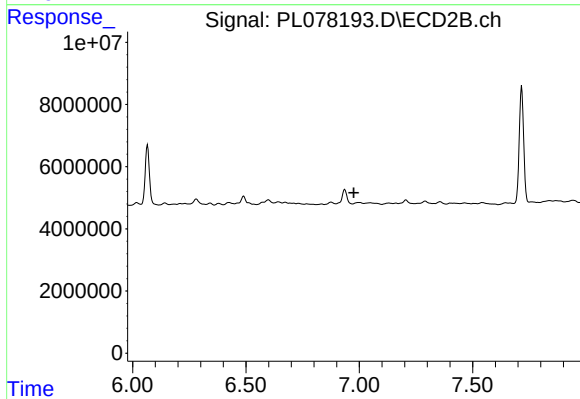
#25 Toxaphene-4

R.T.: 6.875 min  
Delta R.T.: 0.032 min  
Response: 841440  
Conc: 15.35 ng/ml



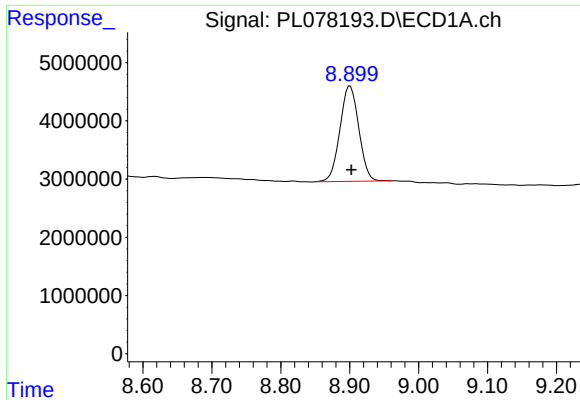
#26 Toxaphene-5

R.T.: 7.885 min  
Delta R.T.: 0.066 min  
Response: 7224104  
Conc: 300.70 ng/ml



#26 Toxaphene-5

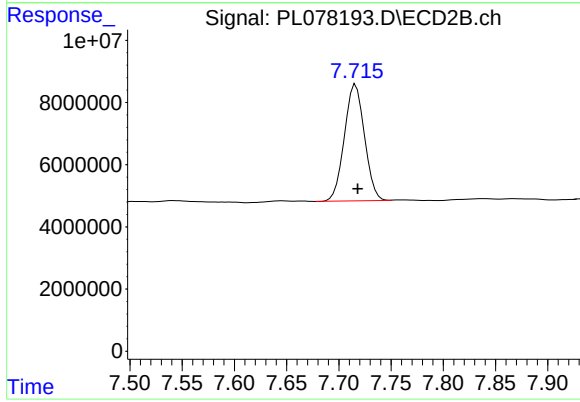
R.T.: 7.002 min  
Delta R.T.: 0.026 min  
Response: -736767  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 8.901 min  
Delta R.T.: -0.002 min  
Response: 31173146  
Conc: 20.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.716 min  
Delta R.T.: -0.002 min  
Response: 50199989  
Conc: 18.54 ng/ml