

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110922\  
 Data File : PL078955.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Nov 2022 13:12  
 Operator : AR\AJ  
 Sample : N5491-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-4

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 09 21:00:44 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... | 3.320  | 2.568 | 25447589 | 32952835 | 13.344  | 12.907    |
| 28)                         | SA Decachlor... | 8.767  | 7.634 | 17306830 | 24106247 | 11.504  | 12.727    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.782  | 0.000 | 182142   | 0        | 0.063   | N.D. #    |
| 3)                          | MA gamma-BHC... | 0.000  | 3.379 | 0        | 844799   | N.D.    | 0.235 #   |
| 4)                          | MA Heptachlor   | 4.713f | 0.000 | 6967196  | 0        | 2.684   | N.D. #    |
| 5)                          | MB Aldrin       | 4.997f | 3.971 | 46658624 | 342572   | 18.839  | 0.098 #   |
| 7)                          | B delta-BHC     | 4.542f | 3.897 | 521584   | 8353252  | 0.229   | 2.294 #   |
| 8)                          | B Heptachlo...  | 5.444  | 4.472 | 7789180  | 1334532  | 3.669   | 0.443 #   |
| 9)                          | A Endosulfan I  | 0.000  | 4.826 | 0        | 2111064  | N.D.    | 0.737 #   |
| 10)                         | B gamma-Chl...  | 5.710  | 4.718 | 47336690 | 52759884 | 20.972  | 17.217    |
| 11)                         | B alpha-Chl...  | 5.788  | 4.779 | 66317489 | 67839271 | 28.662  | 22.762    |
| 12)                         | B 4,4'-DDE      | 5.970  | 4.974 | 12038583 | 19140928 | 6.015   | 7.031     |
| 13)                         | MA Dieldrin     | 0.000  | 5.100 | 0        | 600879   | N.D.    | 0.203 #   |
| 14)                         | MA Endrin       | 6.349  | 5.387 | 236969   | 744749   | 0.125   | 0.286 #   |
| 15)                         | B Endosulfa...  | 0.000  | 5.661 | 0        | 342651   | N.D.    | 0.151 #   |
| 16)                         | A 4,4'-DDD      | 6.494  | 5.525 | 3678267  | 6991590  | 2.206   | 3.183 #   |
| 17)                         | MA 4,4'-DDT     | 6.805  | 5.770 | 1011443  | 1613805  | 0.564   | 0.744 #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.061 | 0        | 212368   | N.D.    | 0.089 #   |
| 20)                         | A Methoxychlor  | 7.317f | 0.000 | 124529   | 0        | 0.135   | N.D. #    |
| 23)                         | Chlordane-1     | 4.469  | 3.533 | 10056345 | 15314030 | 128.348 | 151.842   |
| 24)                         | Chlordane-2     | 4.997  | 4.101 | 46658624 | 53546469 | 563.893 | 503.132   |
| 25)                         | Chlordane-3     | 5.710  | 4.718 | 47336690 | 52759884 | 141.708 | 173.105   |
| 26)                         | Chlordane-4     | 5.788  | 4.779 | 66317489 | 67839271 | 161.537 | 207.610 # |
| 27)                         | Chlordane-5     | 6.647  | 5.439 | -168106  | 5092336  | N.D.    | 62.440    |
| -----                       |                 |        |       |          |          |         |           |

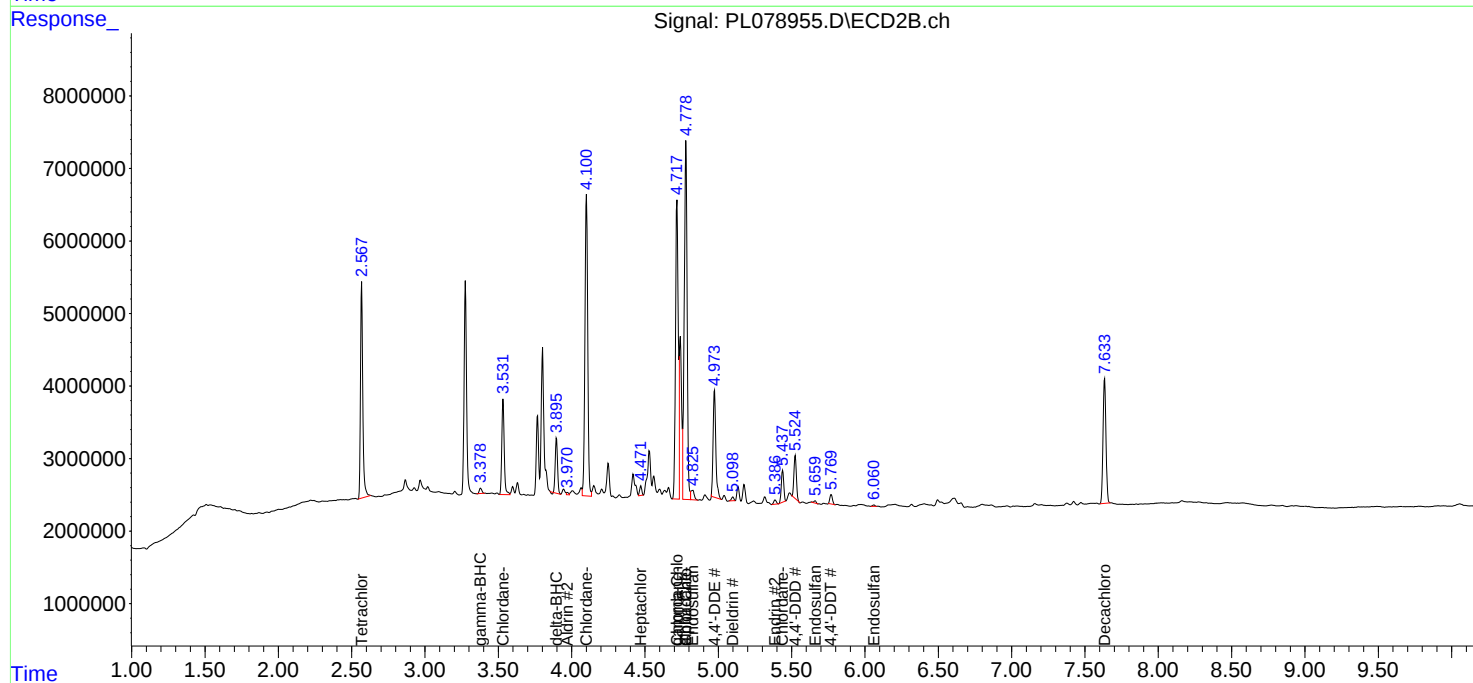
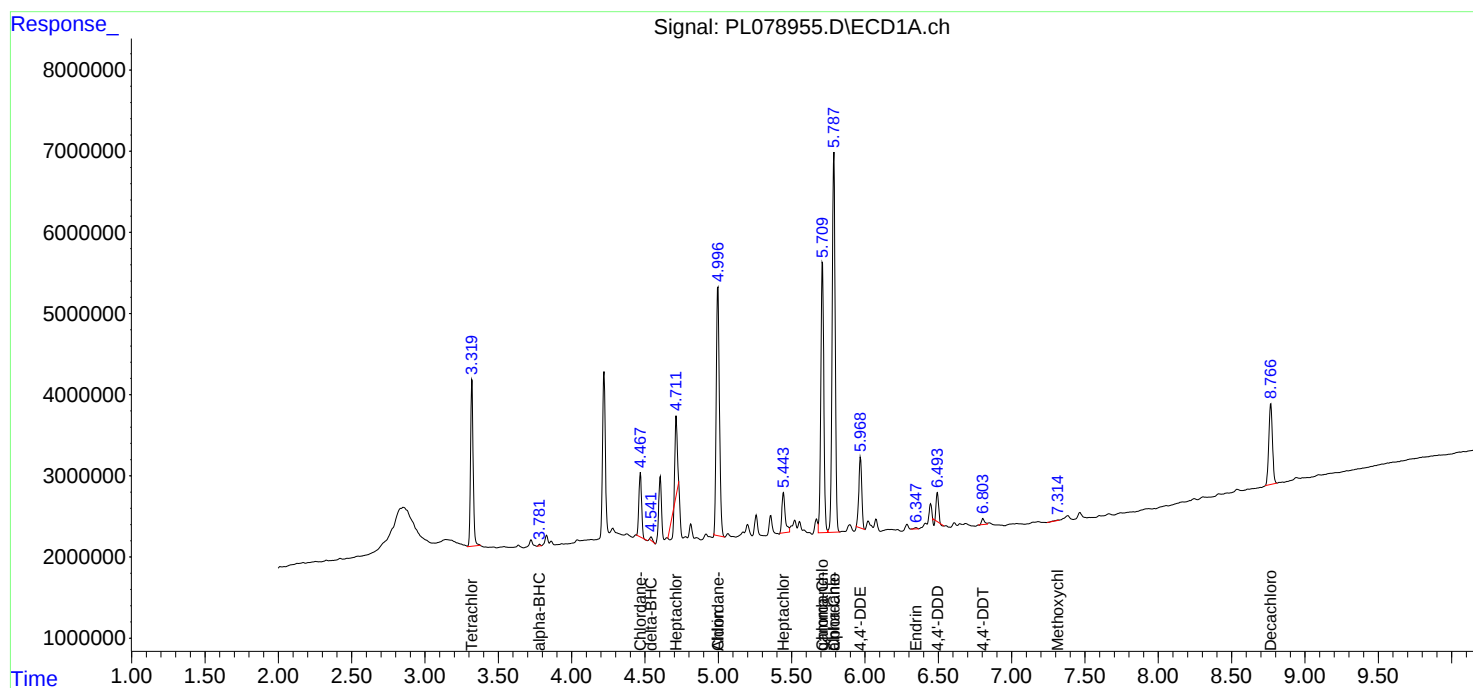
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

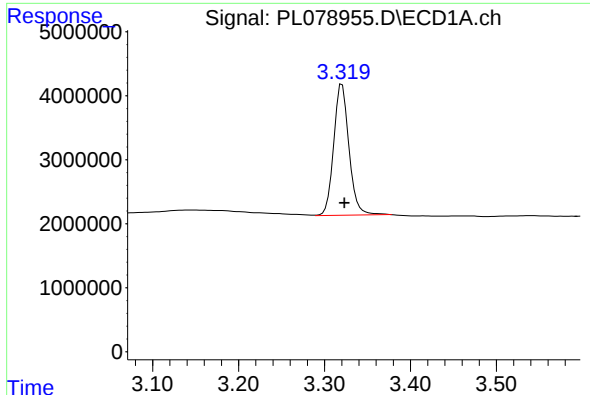
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110922\  
Data File : PL078955.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Nov 2022 13:12  
Operator : AR\AJ  
Sample : N5491-10  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TP-4

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 09 21:00:44 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

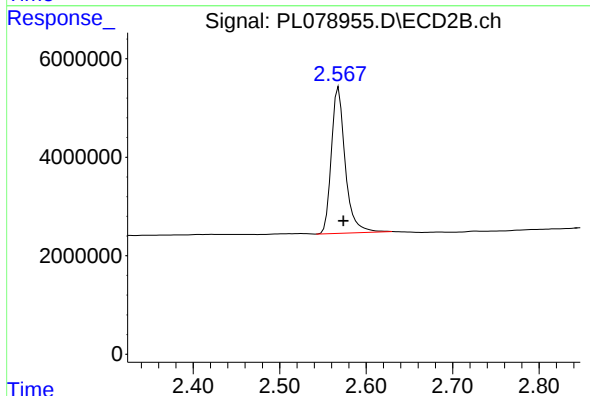




#1 Tetrachloro-m-xylene

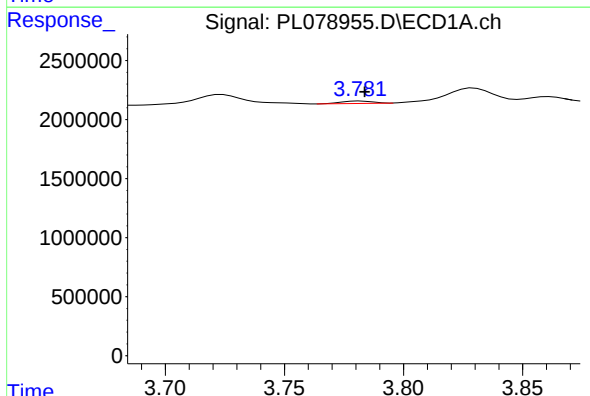
R.T.: 3.320 min  
Delta R.T.: -0.003 min  
Response: 25447589  
Conc: 13.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-4



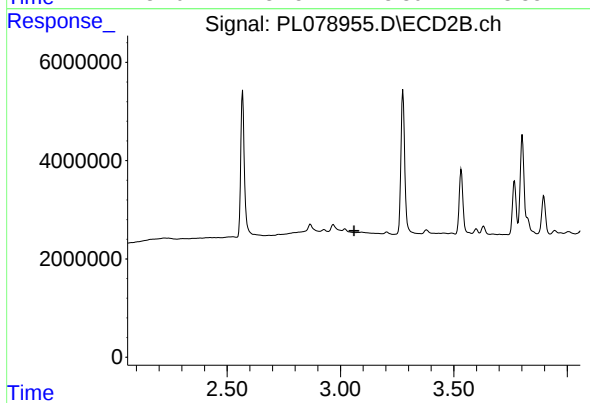
#1 Tetrachloro-m-xylene

R.T.: 2.568 min  
Delta R.T.: -0.006 min  
Response: 32952835  
Conc: 12.91 ng/ml



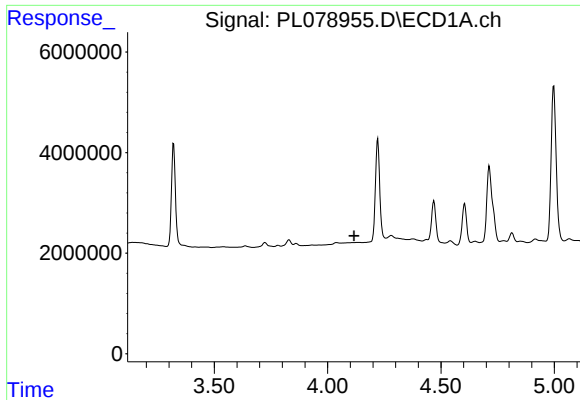
#2 alpha-BHC

R.T.: 3.782 min  
Delta R.T.: -0.002 min  
Response: 182142  
Conc: 0.06 ng/ml



#2 alpha-BHC

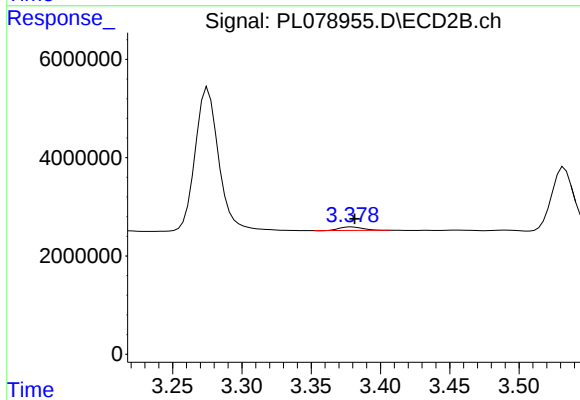
R.T.: 0.000 min  
Exp R.T.: 3.061 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

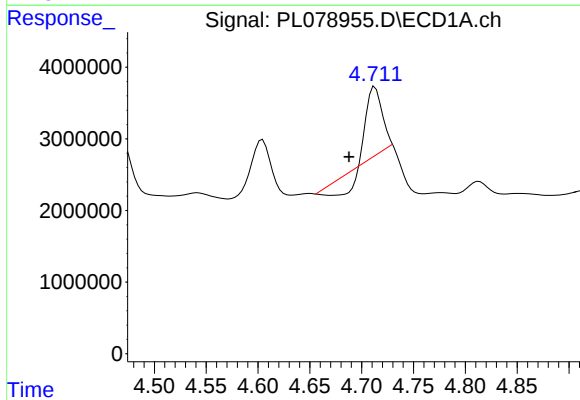
R.T.: 0.000 min  
Exp R.T.: 4.116 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TP-4



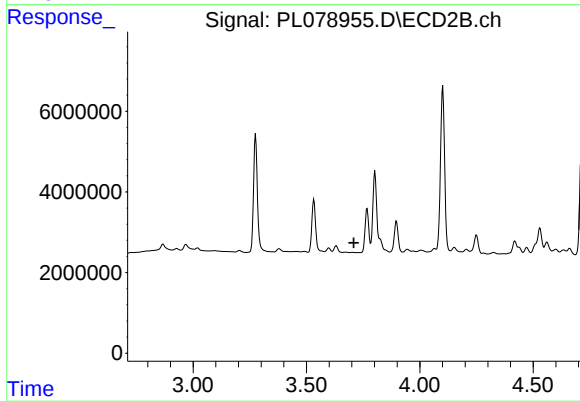
#3 gamma-BHC (Lindane)

R.T.: 3.379 min  
Delta R.T.: -0.002 min  
Response: 844799  
Conc: 0.24 ng/ml



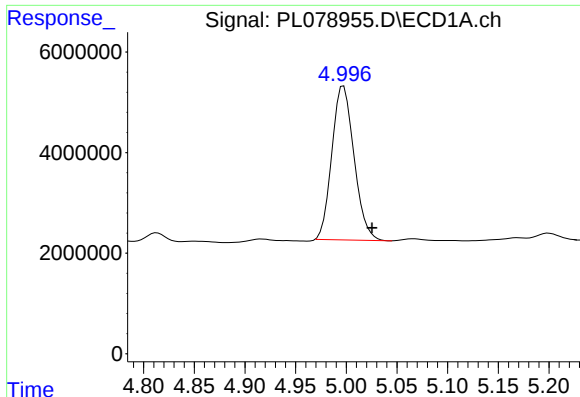
#4 Heptachlor

R.T.: 4.713 min  
Delta R.T.: 0.025 min  
Response: 6967196  
Conc: 2.68 ng/ml



#4 Heptachlor

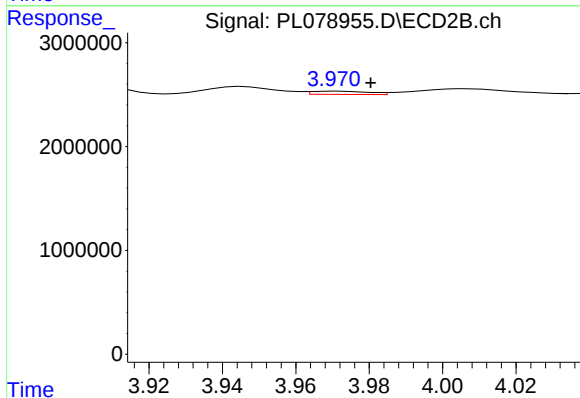
R.T.: 0.000 min  
Exp R.T.: 3.709 min  
Response: 0  
Conc: N.D.



#5 Aldrin

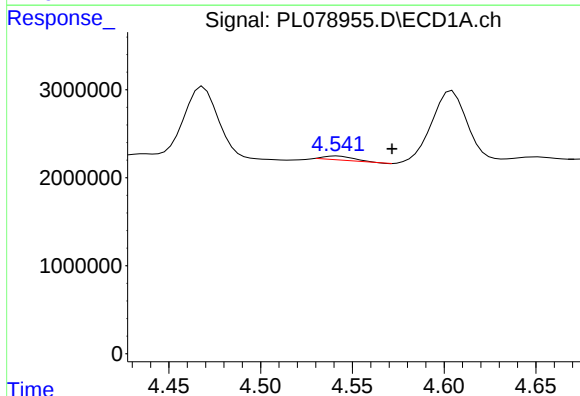
R.T.: 4.997 min  
Delta R.T.: -0.028 min  
Response: 46658624  
Conc: 18.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-4



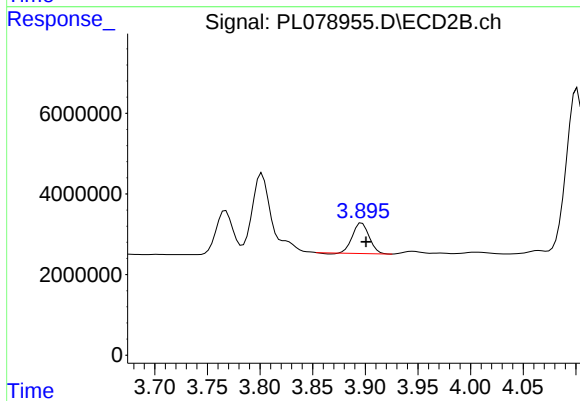
#5 Aldrin

R.T.: 3.971 min  
Delta R.T.: -0.009 min  
Response: 342572  
Conc: 0.10 ng/ml



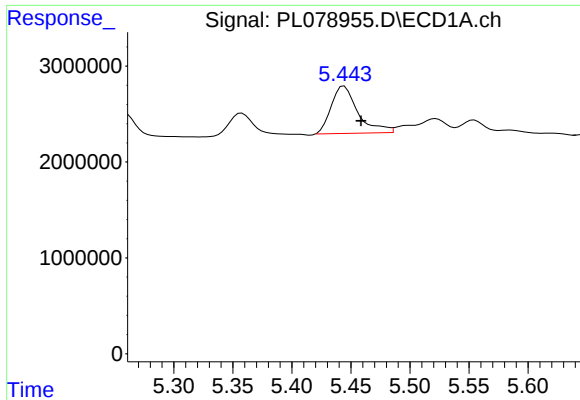
#7 delta-BHC

R.T.: 4.542 min  
Delta R.T.: -0.030 min  
Response: 521584  
Conc: 0.23 ng/ml



#7 delta-BHC

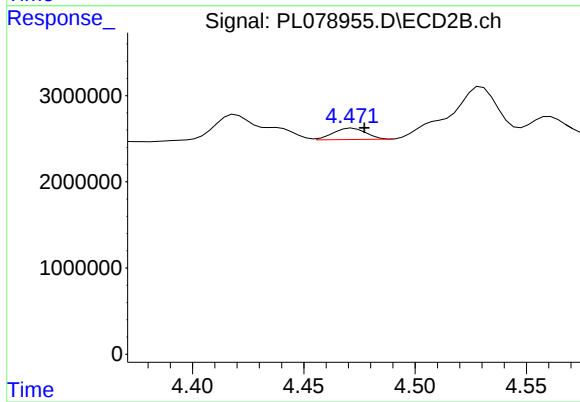
R.T.: 3.897 min  
Delta R.T.: -0.004 min  
Response: 8353252  
Conc: 2.29 ng/ml



#8 Heptachlor epoxide

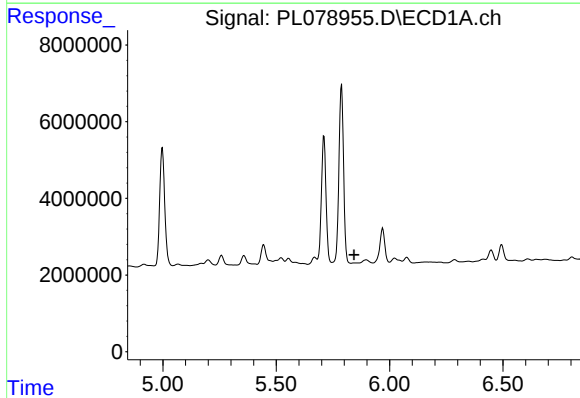
R.T.: 5.444 min  
Delta R.T.: -0.014 min  
Response: 7789180  
Conc: 3.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-4



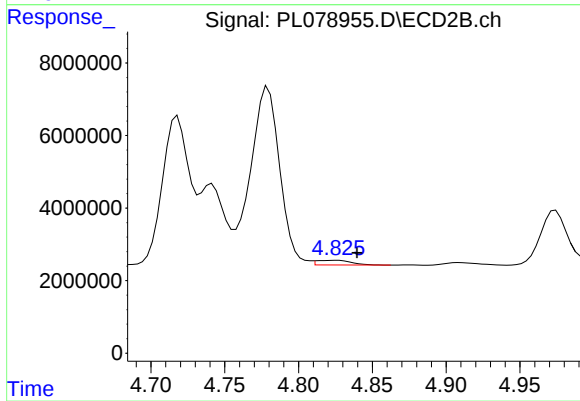
#8 Heptachlor epoxide

R.T.: 4.472 min  
Delta R.T.: -0.005 min  
Response: 1334532  
Conc: 0.44 ng/ml



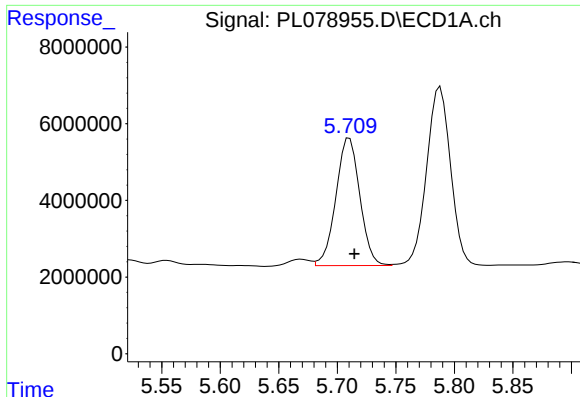
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.844 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

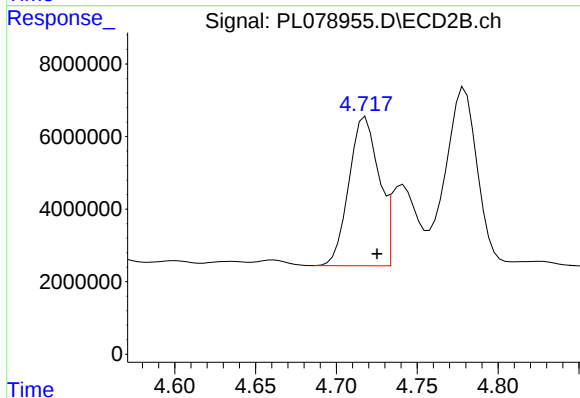
R.T.: 4.826 min  
Delta R.T.: -0.014 min  
Response: 2111064  
Conc: 0.74 ng/ml



#10 gamma-Chlordane

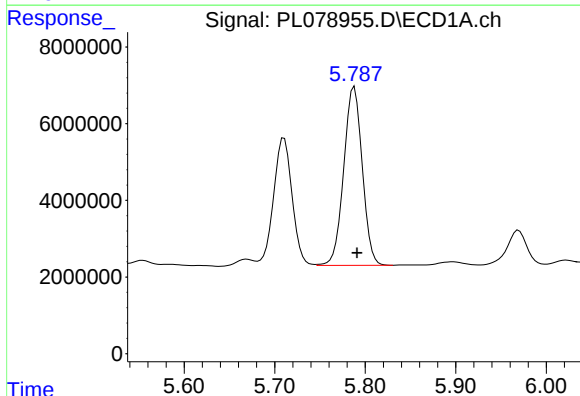
R.T.: 5.710 min  
Delta R.T.: -0.004 min  
Response: 47336690  
Conc: 20.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-4



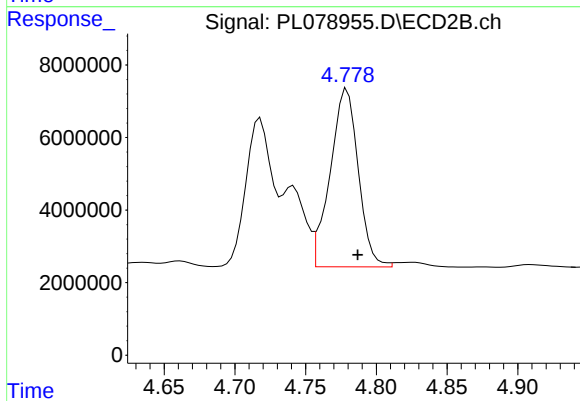
#10 gamma-Chlordane

R.T.: 4.718 min  
Delta R.T.: -0.007 min  
Response: 52759884  
Conc: 17.22 ng/ml



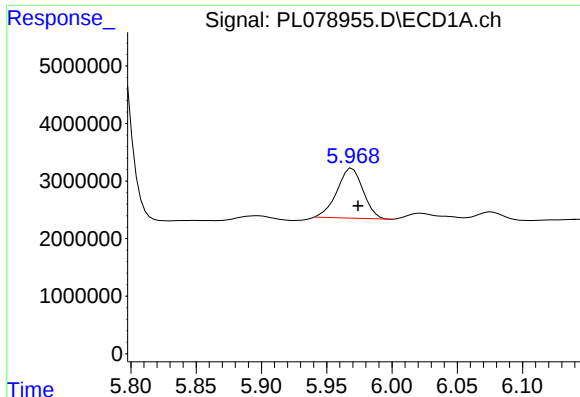
#11 alpha-Chlordane

R.T.: 5.788 min  
Delta R.T.: -0.003 min  
Response: 66317489  
Conc: 28.66 ng/ml



#11 alpha-Chlordane

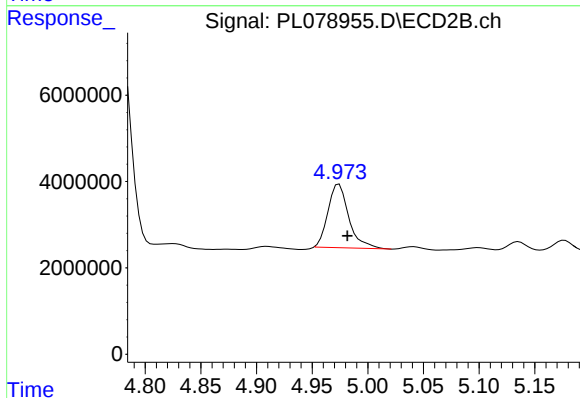
R.T.: 4.779 min  
Delta R.T.: -0.007 min  
Response: 67839271  
Conc: 22.76 ng/ml



#12 4,4'-DDE

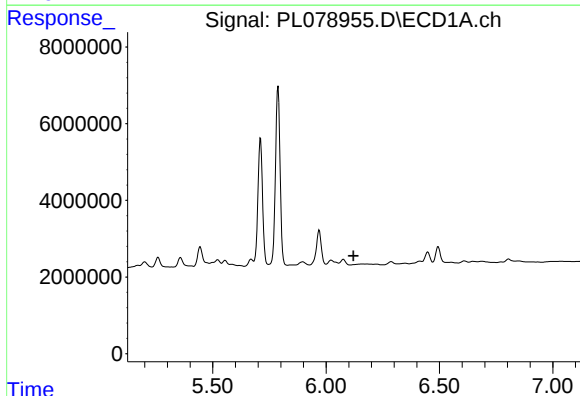
R.T.: 5.970 min  
Delta R.T.: -0.005 min  
Response: 12038583  
Conc: 6.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-4



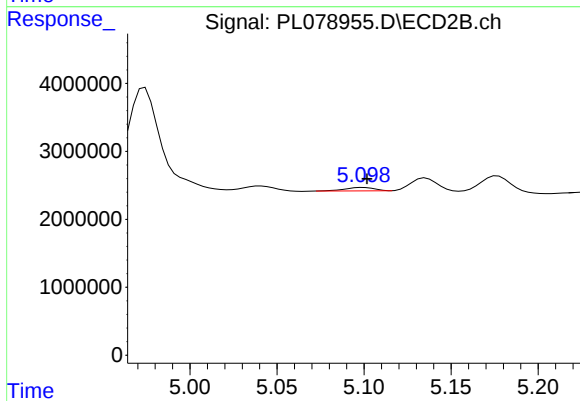
#12 4,4'-DDE

R.T.: 4.974 min  
Delta R.T.: -0.008 min  
Response: 19140928  
Conc: 7.03 ng/ml



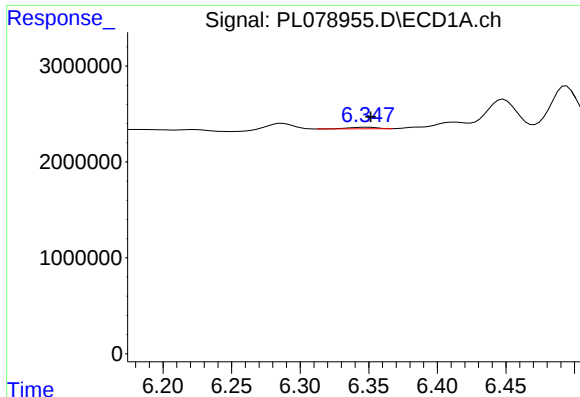
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.121 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

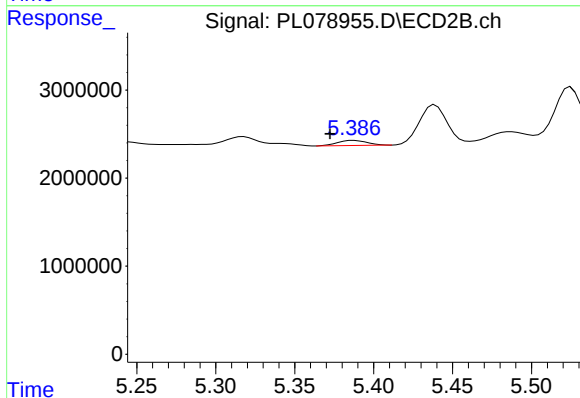
R.T.: 5.100 min  
Delta R.T.: -0.002 min  
Response: 600879  
Conc: 0.20 ng/ml



#14 Endrin

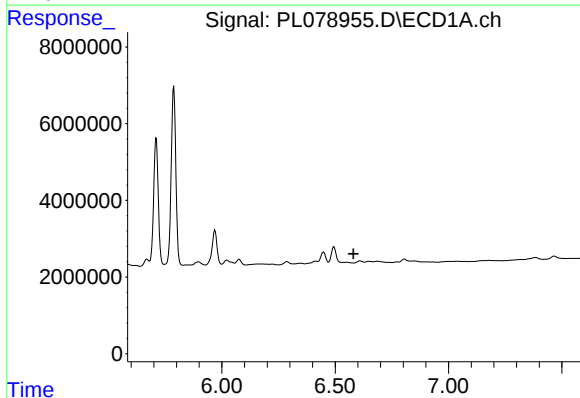
R.T.: 6.349 min  
Delta R.T.: -0.003 min  
Response: 236969  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-4



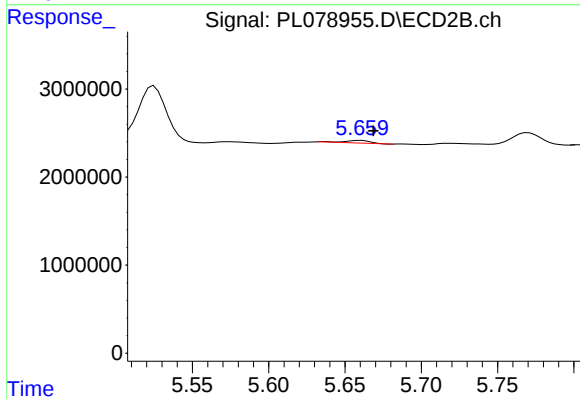
#14 Endrin

R.T.: 5.387 min  
Delta R.T.: 0.015 min  
Response: 744749  
Conc: 0.29 ng/ml



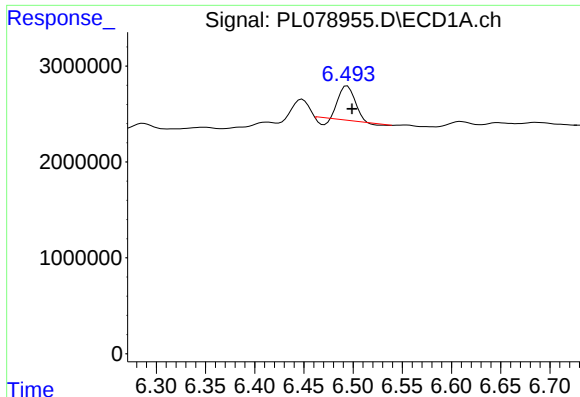
#15 Endosulfan II

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



#15 Endosulfan II

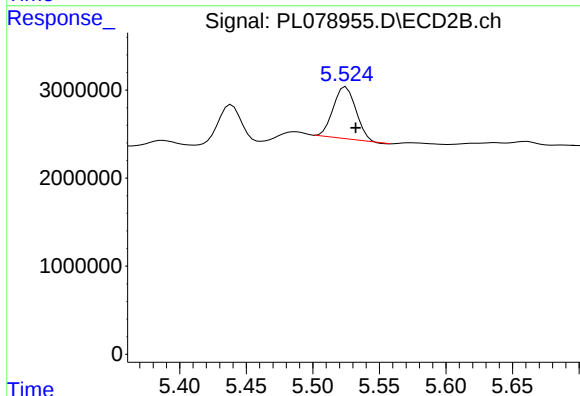
R.T.: 5.661 min  
Delta R.T.: -0.008 min  
Response: 342651  
Conc: 0.15 ng/ml



#16 4,4'-DDD

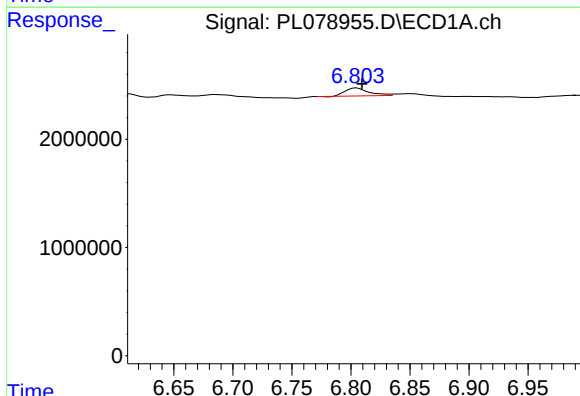
R.T.: 6.494 min  
Delta R.T.: -0.005 min  
Response: 3678267  
Conc: 2.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-4



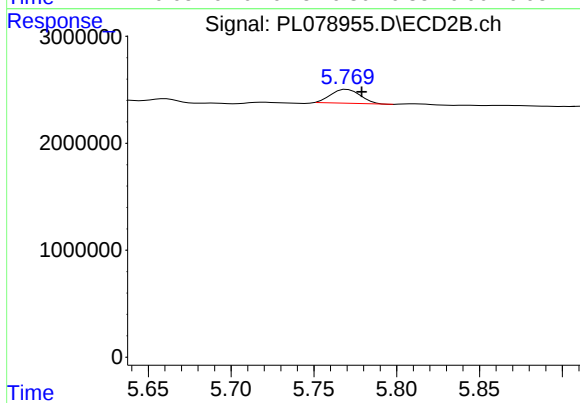
#16 4,4'-DDD

R.T.: 5.525 min  
Delta R.T.: -0.007 min  
Response: 6991590  
Conc: 3.18 ng/ml



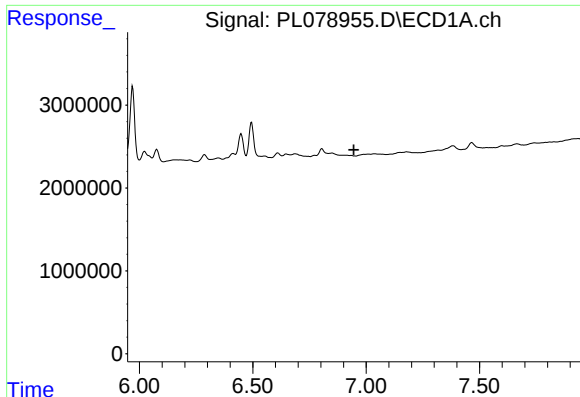
#17 4,4'-DDT

R.T.: 6.805 min  
Delta R.T.: -0.005 min  
Response: 1011443  
Conc: 0.56 ng/ml



#17 4,4'-DDT

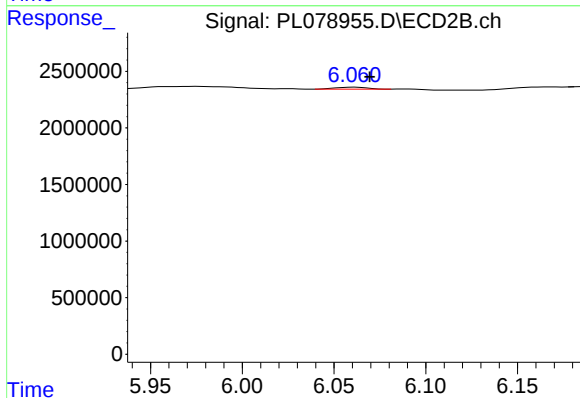
R.T.: 5.770 min  
Delta R.T.: -0.009 min  
Response: 1613805  
Conc: 0.74 ng/ml



#19 Endosulfan Sulfate

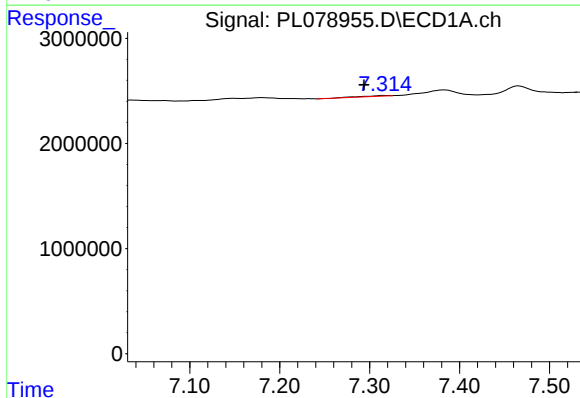
R.T.: 0.000 min  
Exp R.T.: 6.946 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TP-4



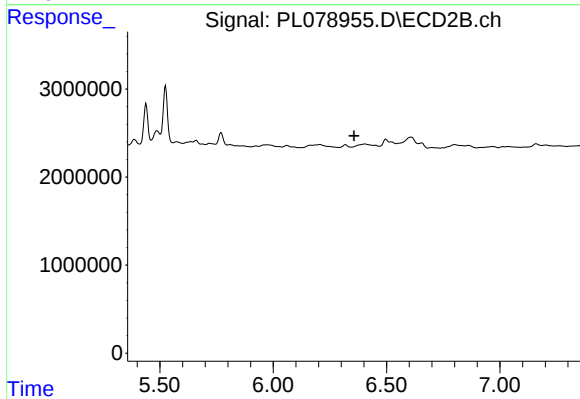
#19 Endosulfan Sulfate

R.T.: 6.061 min  
Delta R.T.: -0.008 min  
Response: 212368  
Conc: 0.09 ng/ml



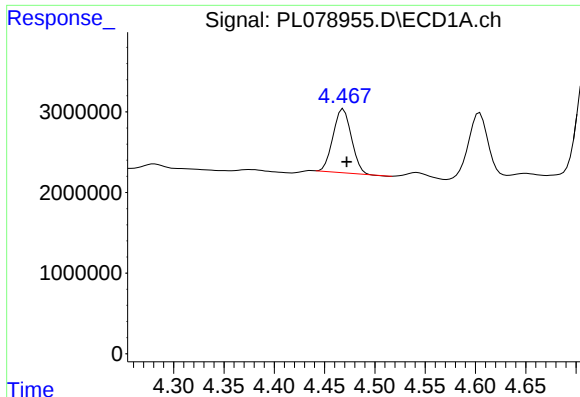
#20 Methoxychlor

R.T.: 7.317 min  
Delta R.T.: 0.023 min  
Response: 124529  
Conc: 0.14 ng/ml



#20 Methoxychlor

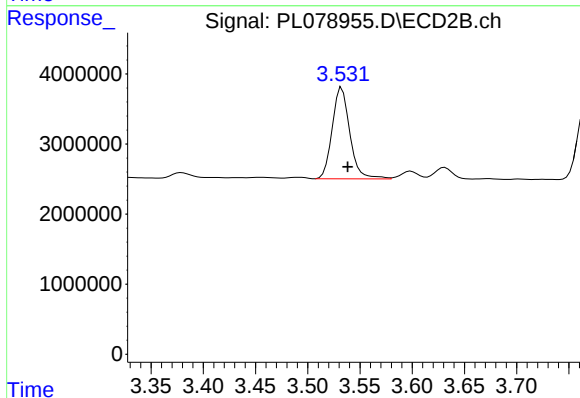
R.T.: 0.000 min  
Exp R.T.: 6.357 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

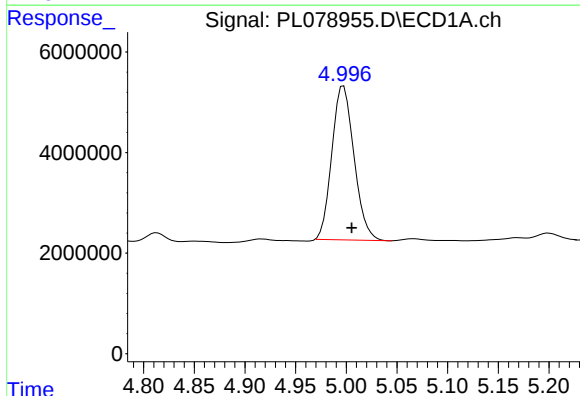
R.T.: 4.469 min  
Delta R.T.: -0.003 min  
Response: 10056345  
Conc: 128.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-4



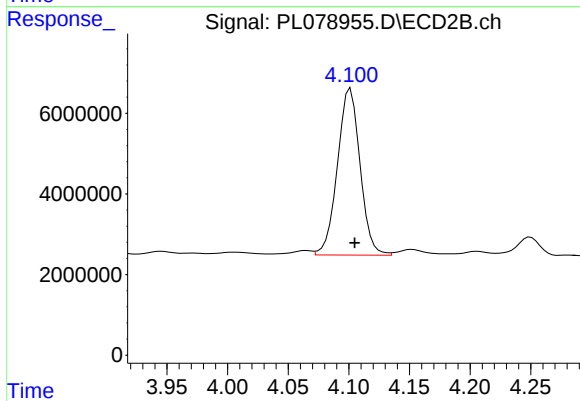
#23 Chlordane-1

R.T.: 3.533 min  
Delta R.T.: -0.006 min  
Response: 15314030  
Conc: 151.84 ng/ml



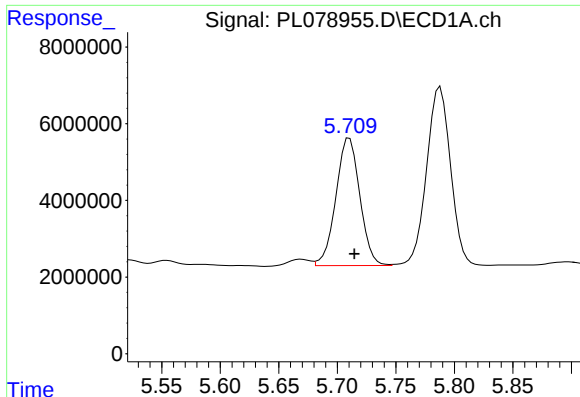
#24 Chlordane-2

R.T.: 4.997 min  
Delta R.T.: -0.008 min  
Response: 46658624  
Conc: 563.89 ng/ml



#24 Chlordane-2

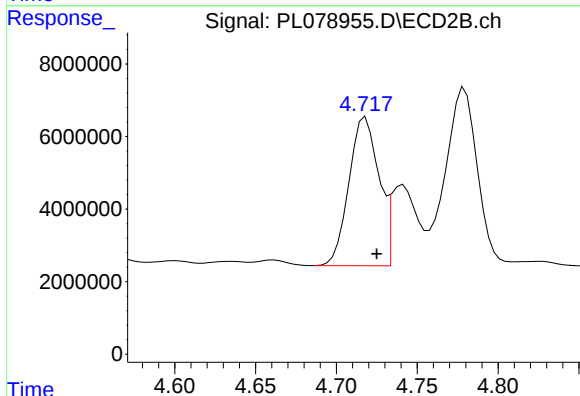
R.T.: 4.101 min  
Delta R.T.: -0.003 min  
Response: 53546469  
Conc: 503.13 ng/ml



#25 Chlordane-3

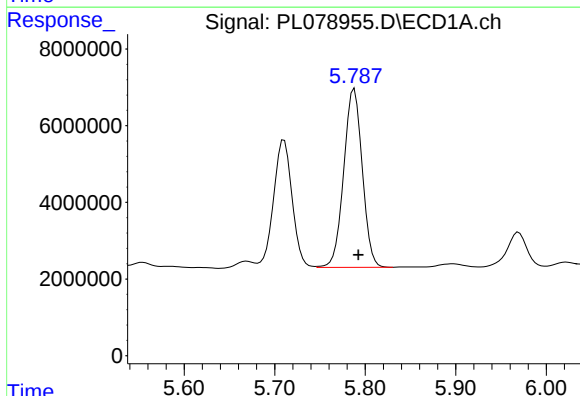
R.T.: 5.710 min  
Delta R.T.: -0.004 min  
Response: 47336690  
Conc: 141.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-4



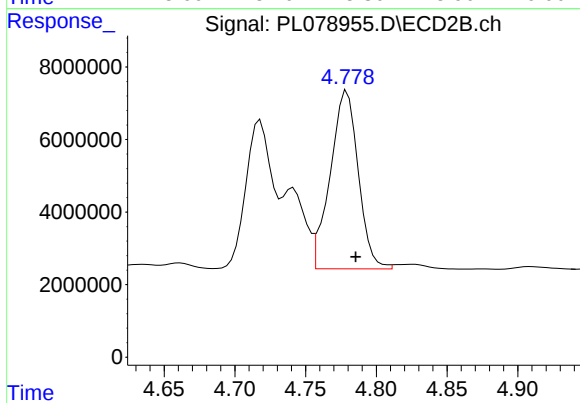
#25 Chlordane-3

R.T.: 4.718 min  
Delta R.T.: -0.007 min  
Response: 52759884  
Conc: 173.11 ng/ml



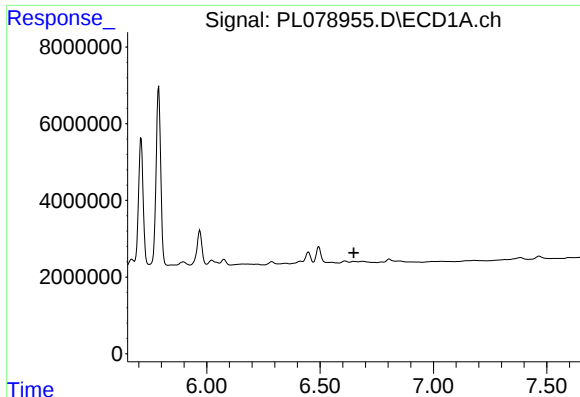
#26 Chlordane-4

R.T.: 5.788 min  
Delta R.T.: -0.005 min  
Response: 66317489  
Conc: 161.54 ng/ml



#26 Chlordane-4

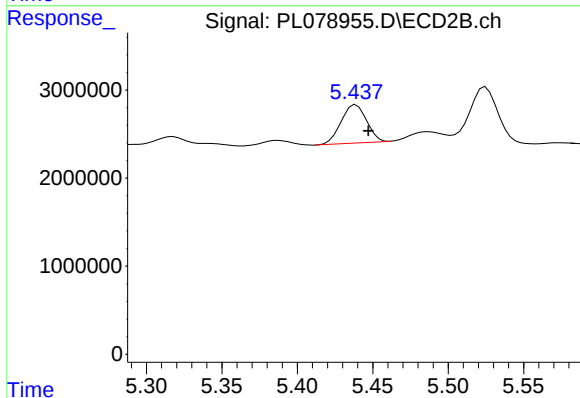
R.T.: 4.779 min  
Delta R.T.: -0.006 min  
Response: 67839271  
Conc: 207.61 ng/ml



#27 Chlordane-5

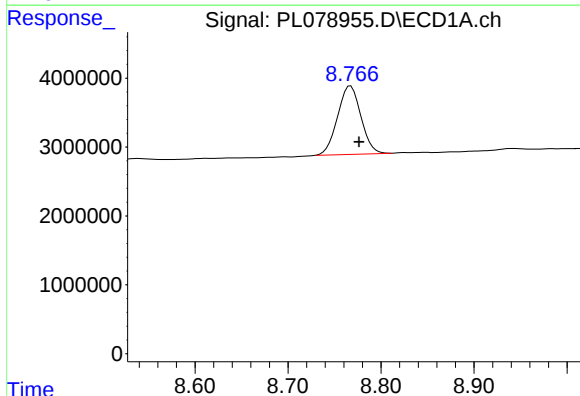
R.T.: 6.647 min  
Delta R.T.: -0.001 min  
Response: -168106  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TP-4



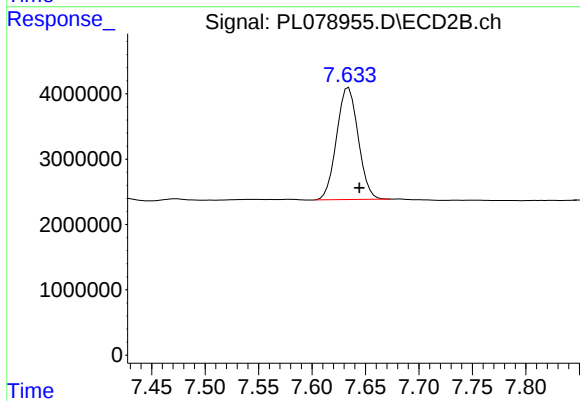
#27 Chlordane-5

R.T.: 5.439 min  
Delta R.T.: -0.008 min  
Response: 5092336  
Conc: 62.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.767 min  
Delta R.T.: -0.009 min  
Response: 17306830  
Conc: 11.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.634 min  
Delta R.T.: -0.010 min  
Response: 24106247  
Conc: 12.73 ng/ml