

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110822\  
 Data File : PL078910.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Nov 2022 14:02  
 Operator : AR\AJ  
 Sample : N5436-03RE  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 08 21:10:32 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... | 3.323  | 2.568  | 47889078 | 26929946 | 25.112  | 10.548 #   |
| 28)                         | SA Decachlor... | 8.773  | 7.638  | 315.2E6  | 397.2E6  | 209.553 | 209.694    |
| Target Compounds            |                 |        |        |          |          |         |            |
| 3)                          | MA gamma-BHC... | 4.115  | 0.000  | 118.4E6  | 0        | 44.328  | N.D. #     |
| 4)                          | MA Heptachlor   | 0.000  | 3.723  | 0        | 591.4E6  | N.D.    | 170.528 #  |
| 5)                          | MB Aldrin       | 5.000f | 3.962f | 6600044  | 171.8E6  | 2.665   | 49.067 #   |
| 6)                          | B beta-BHC      | 4.340  | 0.000  | 1384608  | 0        | 1.202   | N.D. #     |
| 7)                          | B delta-BHC     | 4.595f | 3.900  | 286.4E6  | 64011599 | 125.779 | 17.579 #   |
| 8)                          | B Heptachlo...  | 5.458  | 4.473  | 152.0E6  | 18135294 | 71.584  | 6.019 #    |
| 9)                          | A Endosulfan I  | 5.831  | 4.849  | 15425783 | 1058932  | 7.230   | 0.370 #    |
| 10)                         | B gamma-Chl...  | 5.715  | 4.704f | 34934141 | 110.4E6  | 15.477  | 36.028 #   |
| 11)                         | B alpha-Chl...  | 5.792  | 4.795  | 23570905 | 54918006 | 10.187  | 18.426 #   |
| 12)                         | B 4,4'-DDE      | 5.971  | 0.000  | 44878980 | 0        | 22.424  | N.D. #     |
| 13)                         | MA Dieldrin     | 6.117  | 5.106  | 198.2E6  | -4987695 | 91.902  | N.D. #     |
| 14)                         | MA Endrin       | 6.354  | 5.387  | 78340528 | 112.8E6  | 41.279  | 43.315     |
| 15)                         | B Endosulfa...  | 6.561f | 5.658  | 504.1E6  | 168.2E6  | 268.701 | 73.890 #   |
| 16)                         | A 4,4'-DDD      | 6.498  | 5.527  | 632.5E6  | 15282194 | 379.434 | 6.958 #    |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.766  | 0        | 119.9E6  | N.D.    | 55.272 #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.062  | 0        | 2085.6E6 | N.D.    | 876.107 #  |
| 20)                         | A Methoxychlor  | 7.320f | 6.375f | 74064600 | 1661694  | 80.427  | 1.464 #    |
| 22)                         | Mirex           | 7.920f | 6.748  | 1091.2E6 | -1418441 | 747.520 | N.D. #     |
| 23)                         | Chlordane-1     | 4.473  | 3.533  | 39915260 | 6741782  | 509.433 | 66.846 #   |
| 24)                         | Chlordane-2     | 5.000  | 4.101  | 6600044  | 20862828 | 79.765  | 196.031 #  |
| 25)                         | Chlordane-3     | 5.715  | 4.704f | 34934141 | 110.4E6  | 104.580 | 362.239 #  |
| 26)                         | Chlordane-4     | 5.792  | 4.795  | 23570905 | 54918006 | 57.414  | 168.067 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.447  | 0        | 693.7E6  | N.D.    | 8505.958 # |
| -----                       |                 |        |        |          |          |         |            |

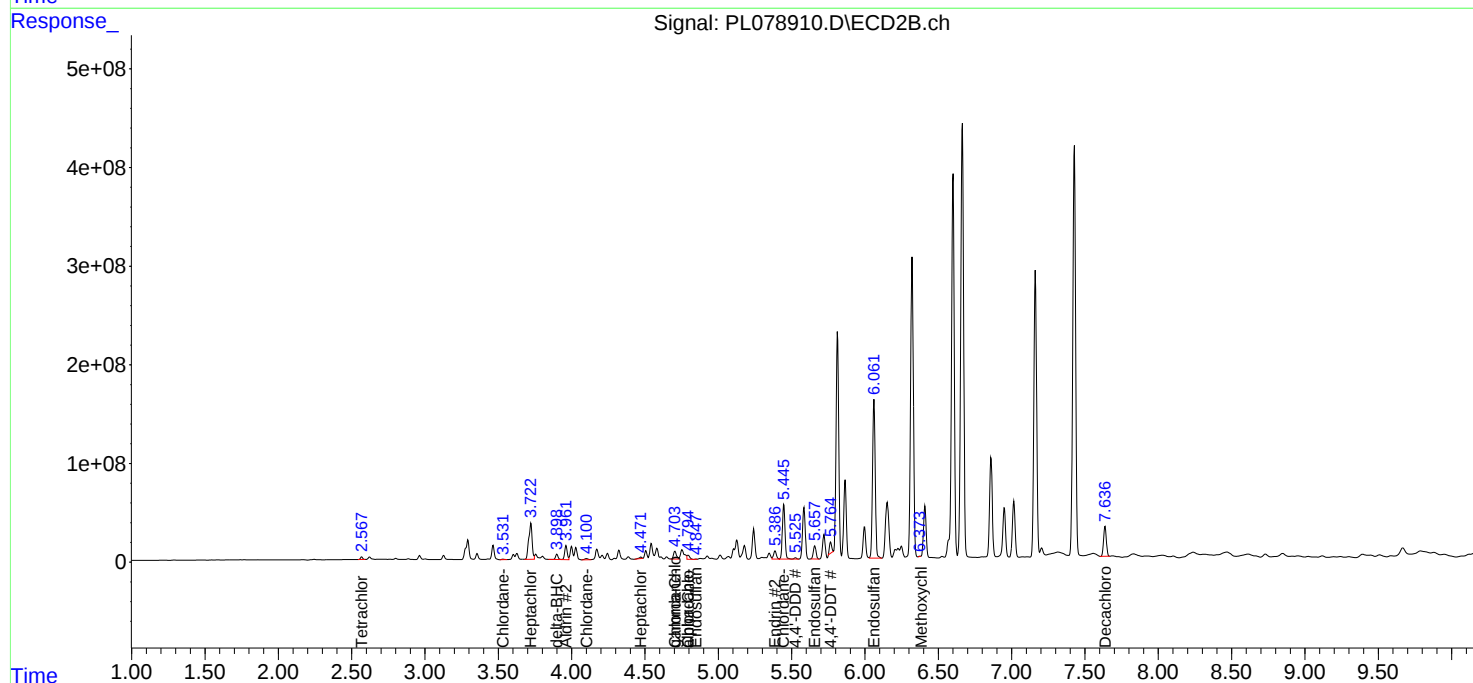
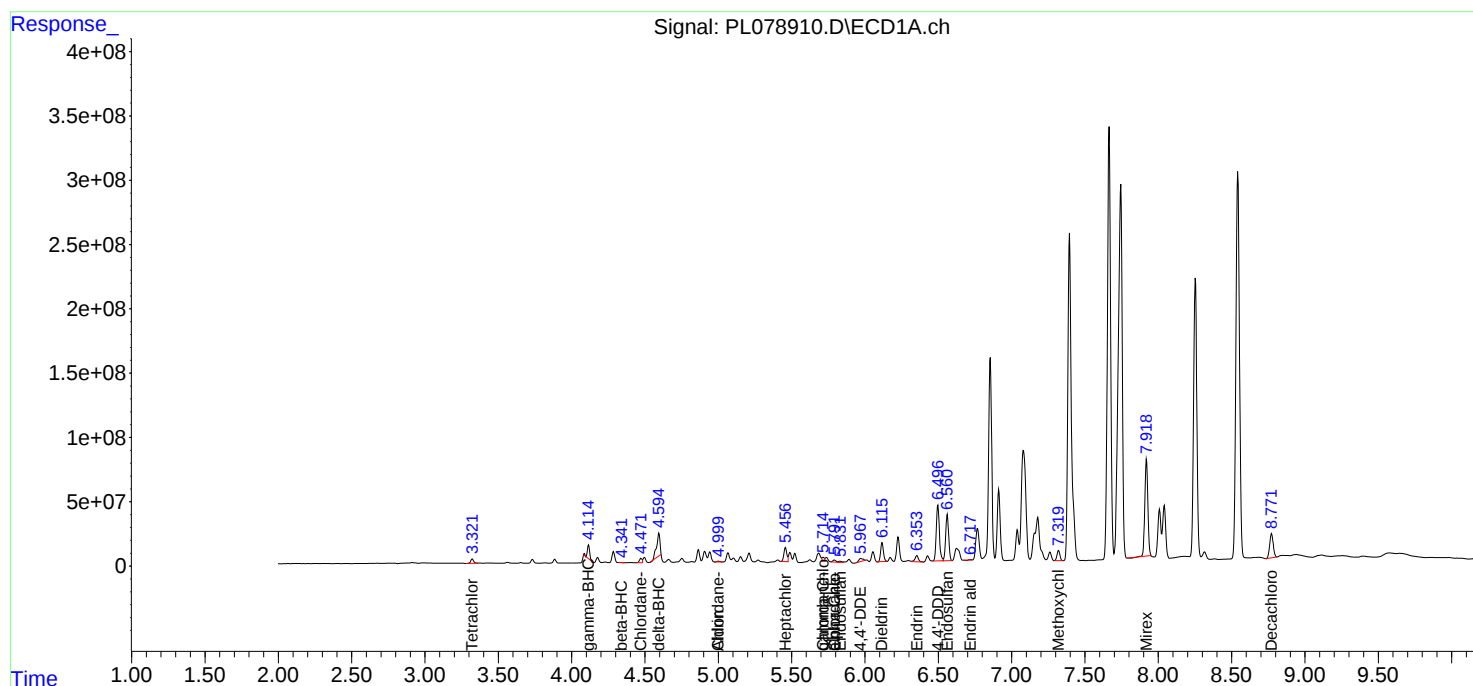
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

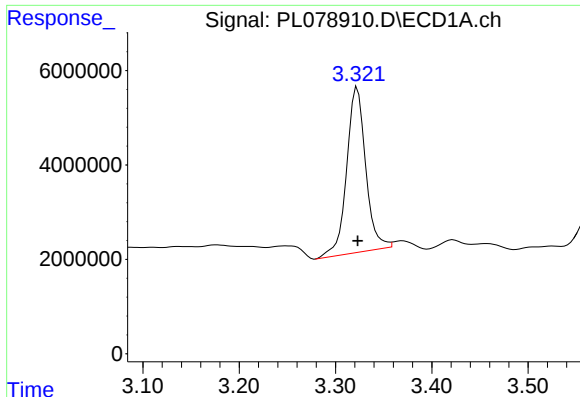
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110822\  
Data File : PL078910.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Nov 2022 14:02  
Operator : AR\AJ  
Sample : N5436-03RE  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 08 21:10:32 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

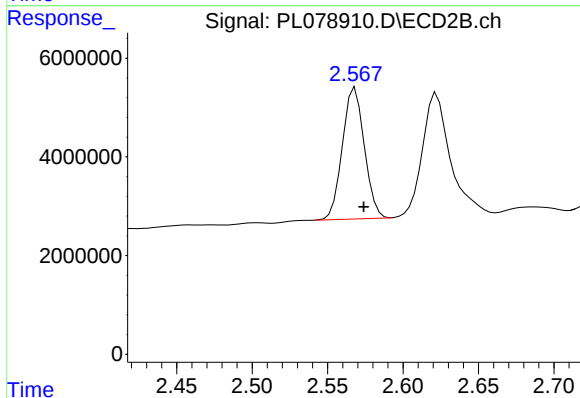




#1 Tetrachloro-m-xylene

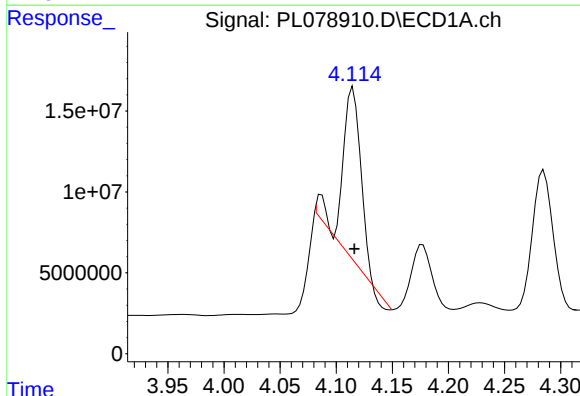
R.T.: 3.323 min  
Delta R.T.: 0.000 min  
Response: 47889078  
Conc: 25.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



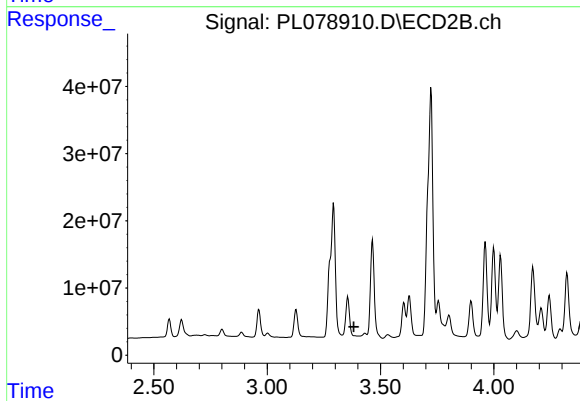
#1 Tetrachloro-m-xylene

R.T.: 2.568 min  
Delta R.T.: -0.006 min  
Response: 26929946  
Conc: 10.55 ng/ml



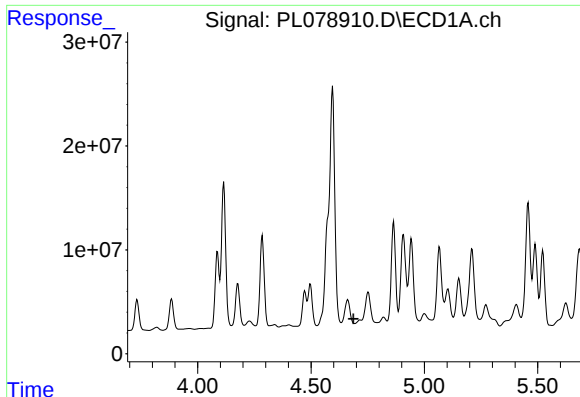
#3 gamma-BHC (Lindane)

R.T.: 4.115 min  
Delta R.T.: -0.001 min  
Response: 118432436  
Conc: 44.33 ng/ml



#3 gamma-BHC (Lindane)

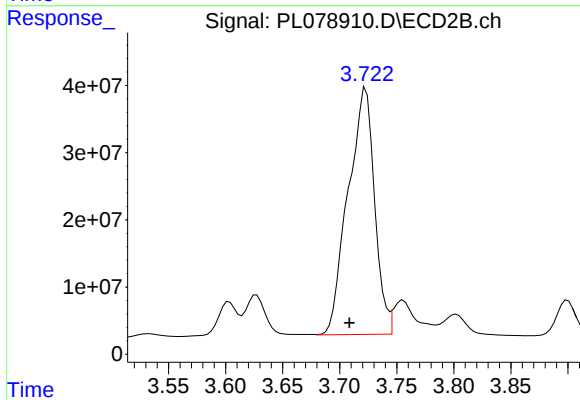
R.T.: 0.000 min  
Exp R.T. : 3.382 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

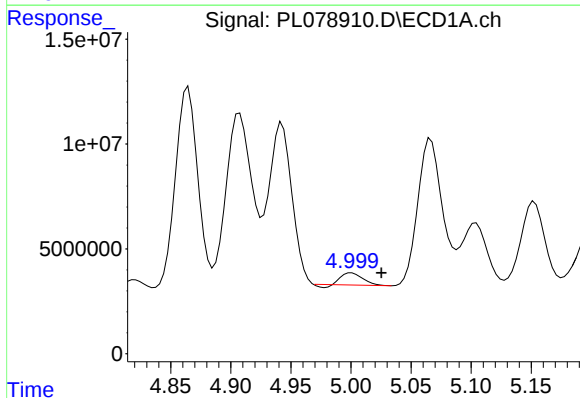
R.T.: 0.000 min  
Exp R.T.: 4.688 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



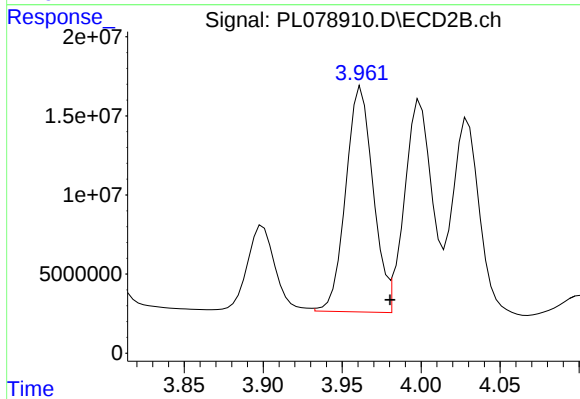
#4 Heptachlor

R.T.: 3.723 min  
Delta R.T.: 0.014 min  
Response: 591357334  
Conc: 170.53 ng/ml



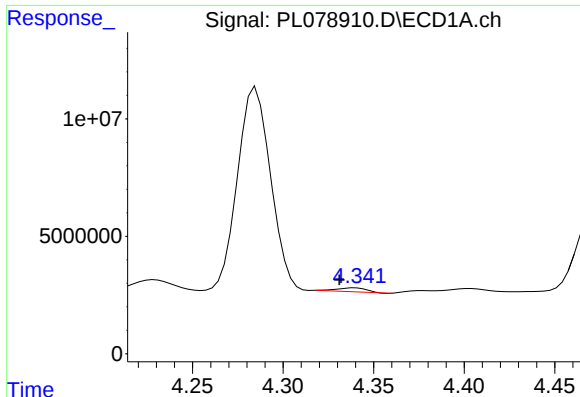
#5 Aldrin

R.T.: 5.000 min  
Delta R.T.: -0.025 min  
Response: 6600044  
Conc: 2.66 ng/ml



#5 Aldrin

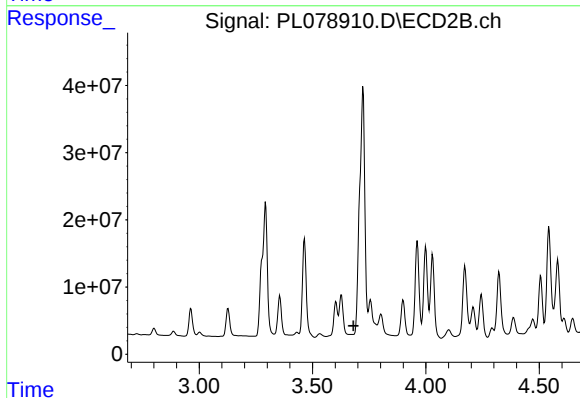
R.T.: 3.962 min  
Delta R.T.: -0.018 min  
Response: 171816815  
Conc: 49.07 ng/ml



#6 beta-BHC

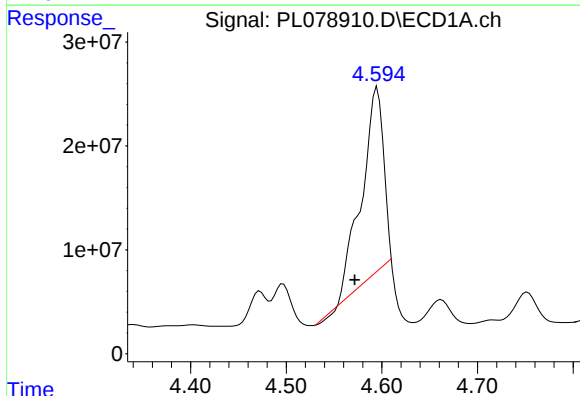
R.T.: 4.340 min  
Delta R.T.: 0.009 min  
Response: 1384608  
Conc: 1.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



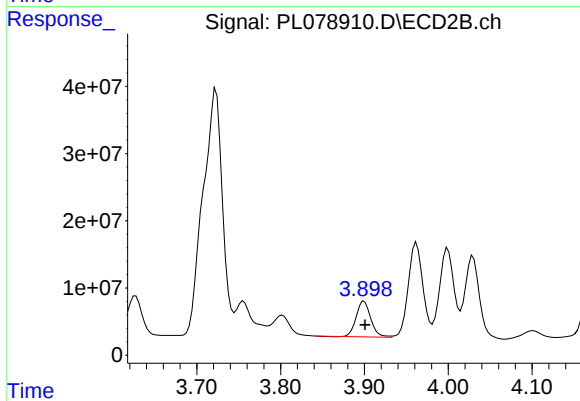
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 3.681 min  
Response: 0  
Conc: N.D.



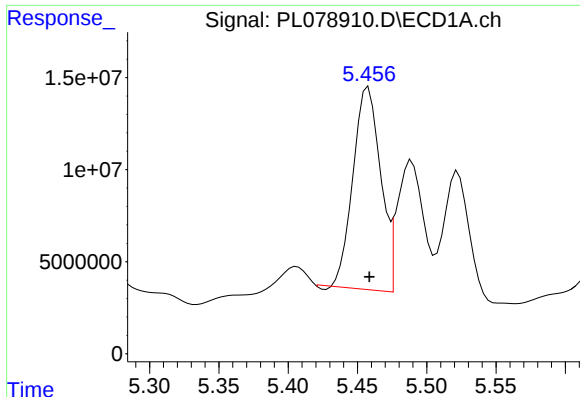
#7 delta-BHC

R.T.: 4.595 min  
Delta R.T.: 0.023 min  
Response: 286381342  
Conc: 125.78 ng/ml



#7 delta-BHC

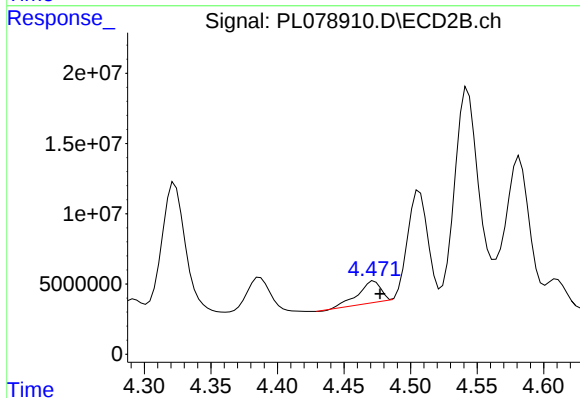
R.T.: 3.900 min  
Delta R.T.: -0.001 min  
Response: 64011599  
Conc: 17.58 ng/ml



#8 Heptachlor epoxide

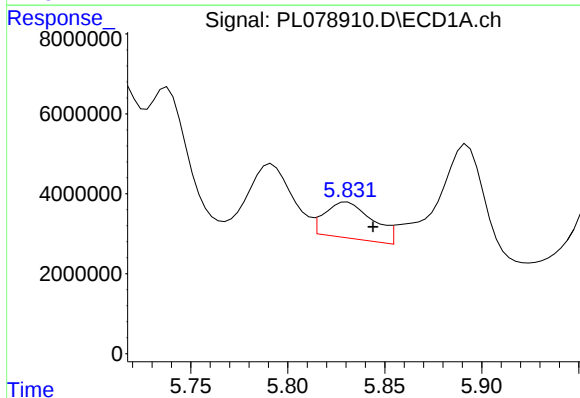
R.T.: 5.458 min  
Delta R.T.: 0.000 min  
Response: 151972727  
Conc: 71.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



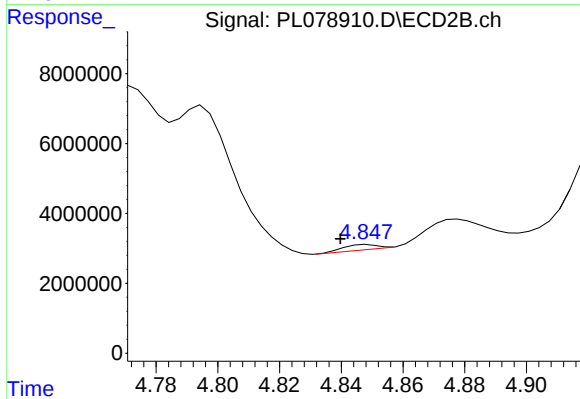
#8 Heptachlor epoxide

R.T.: 4.473 min  
Delta R.T.: -0.005 min  
Response: 18135294  
Conc: 6.02 ng/ml



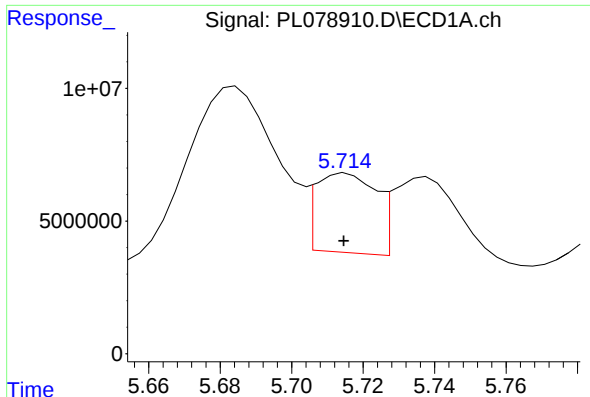
#9 Endosulfan I

R.T.: 5.831 min  
Delta R.T.: -0.013 min  
Response: 15425783  
Conc: 7.23 ng/ml



#9 Endosulfan I

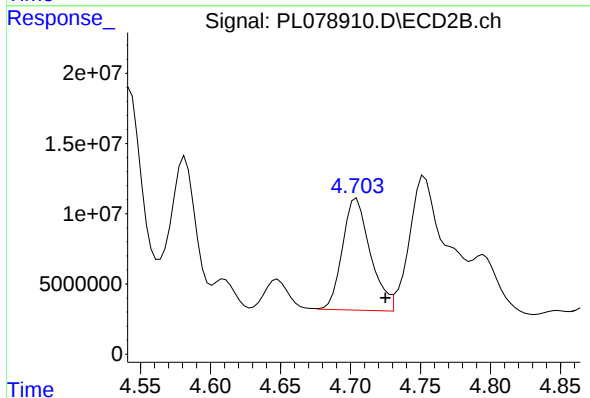
R.T.: 4.849 min  
Delta R.T.: 0.009 min  
Response: 1058932  
Conc: 0.37 ng/ml



#10 gamma-Chlordane

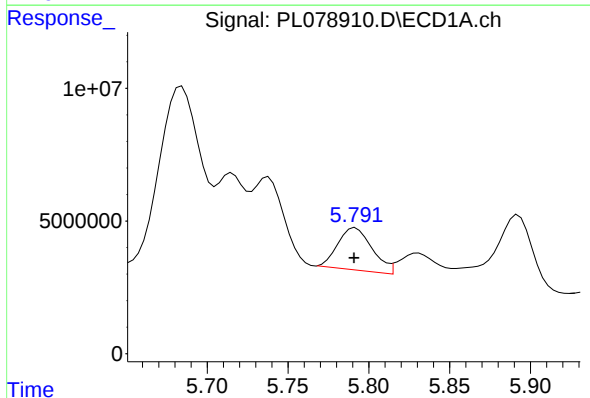
R.T.: 5.715 min  
Delta R.T.: 0.000 min  
Response: 34934141  
Conc: 15.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



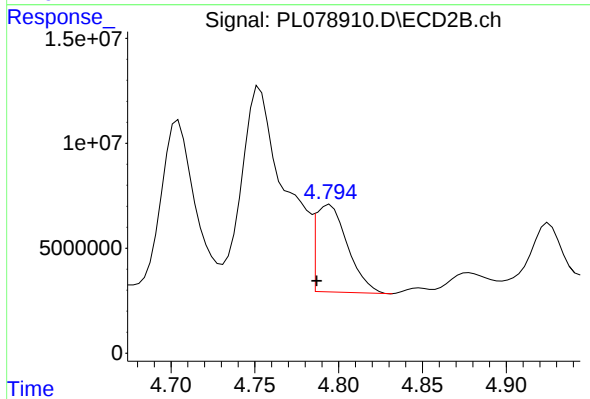
#10 gamma-Chlordane

R.T.: 4.704 min  
Delta R.T.: -0.021 min  
Response: 110405011  
Conc: 36.03 ng/ml



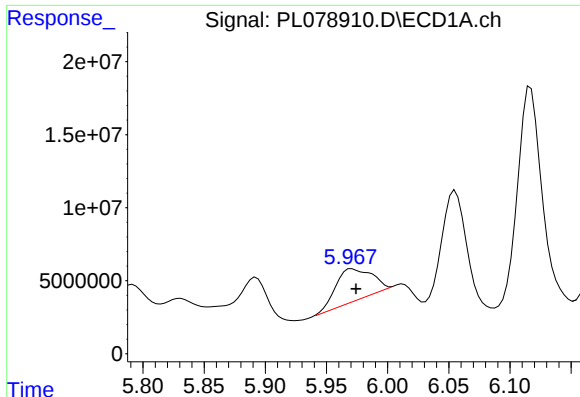
#11 alpha-Chlordane

R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 23570905  
Conc: 10.19 ng/ml



#11 alpha-Chlordane

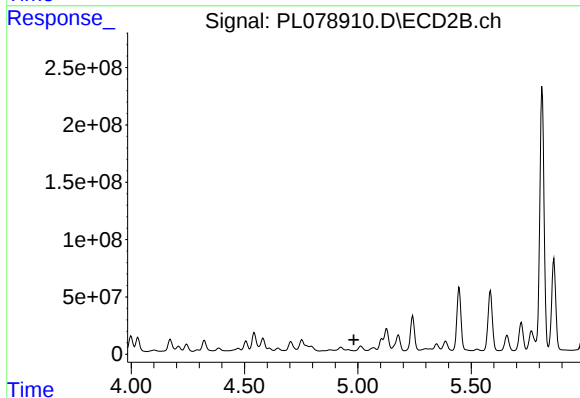
R.T.: 4.795 min  
Delta R.T.: 0.008 min  
Response: 54918006  
Conc: 18.43 ng/ml



#12 4,4'-DDE

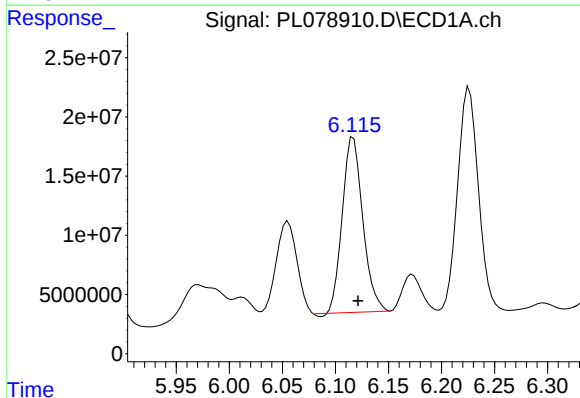
R.T.: 5.971 min  
Delta R.T.: -0.003 min  
Response: 44878980  
Conc: 22.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



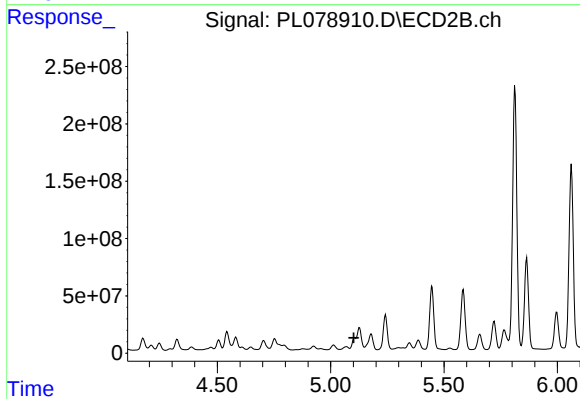
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 4.982 min  
Response: 0  
Conc: N.D.



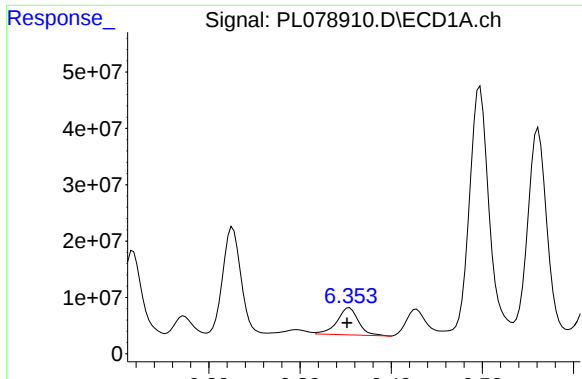
#13 Dieldrin

R.T.: 6.117 min  
Delta R.T.: -0.004 min  
Response: 198186382  
Conc: 91.90 ng/ml



#13 Dieldrin

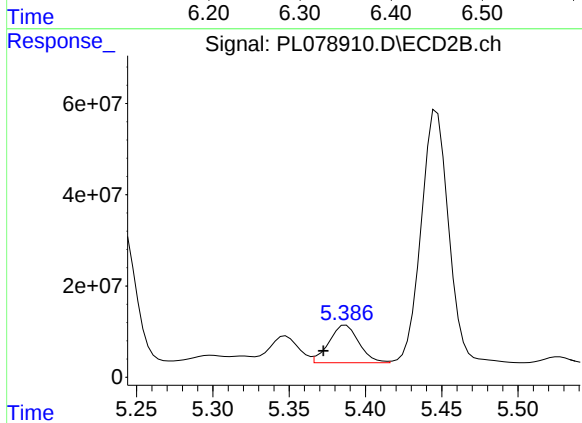
R.T.: 5.106 min  
Delta R.T.: 0.004 min  
Response: -4987695  
Conc: N.D.



#14 Endrin

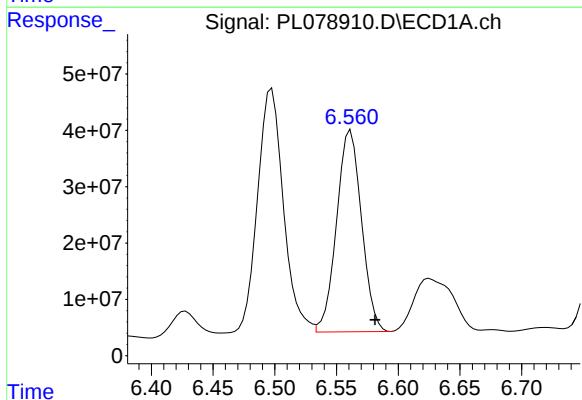
R.T.: 6.354 min  
Delta R.T.: 0.003 min  
Response: 78340528  
Conc: 41.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



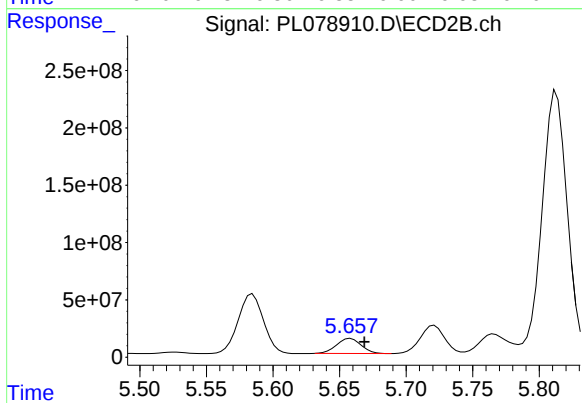
#14 Endrin

R.T.: 5.387 min  
Delta R.T.: 0.015 min  
Response: 112846499  
Conc: 43.32 ng/ml



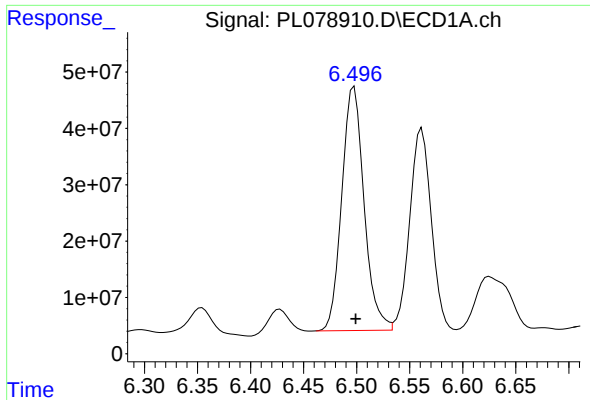
#15 Endosulfan II

R.T.: 6.561 min  
Delta R.T.: -0.020 min  
Response: 504126643  
Conc: 268.70 ng/ml



#15 Endosulfan II

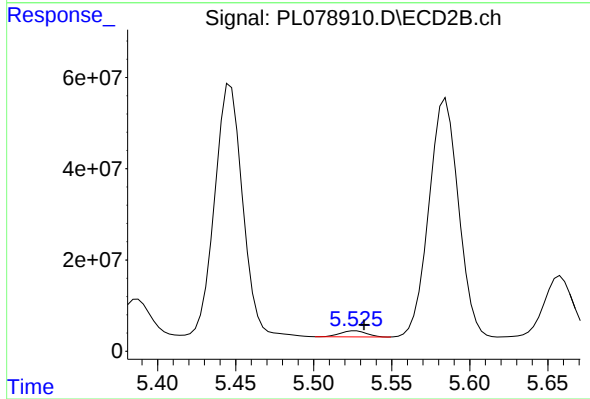
R.T.: 5.658 min  
Delta R.T.: -0.010 min  
Response: 168192386  
Conc: 73.89 ng/ml



#16 4,4'-DDD

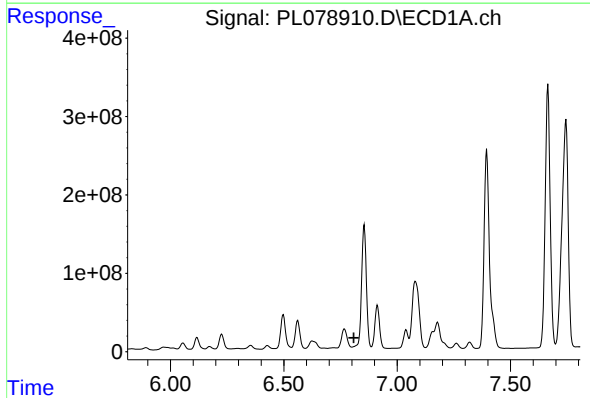
R.T.: 6.498 min  
Delta R.T.: -0.001 min  
Response: 632526912  
Conc: 379.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



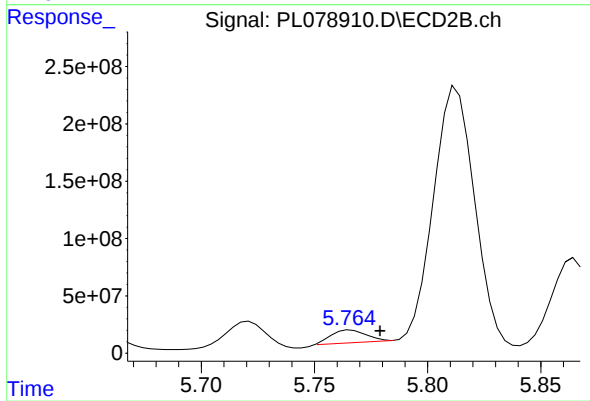
#16 4,4'-DDD

R.T.: 5.527 min  
Delta R.T.: -0.005 min  
Response: 15282194  
Conc: 6.96 ng/ml



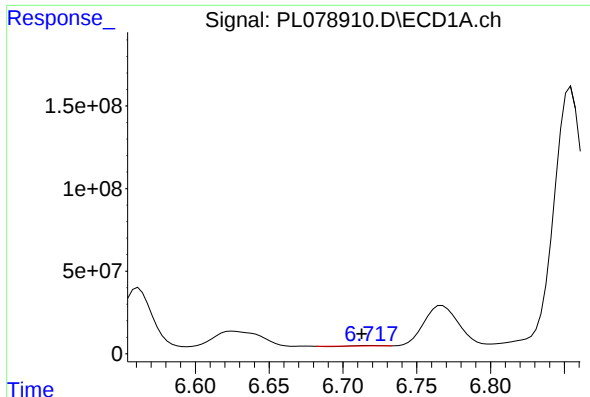
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.809 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

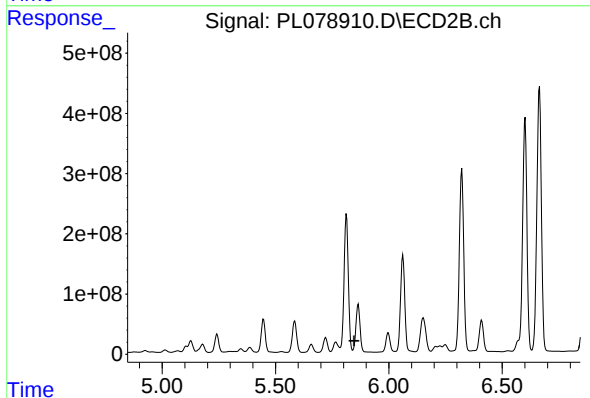
R.T.: 5.766 min  
Delta R.T.: -0.013 min  
Response: 119892572  
Conc: 55.27 ng/ml



#18 Endrin aldehyde

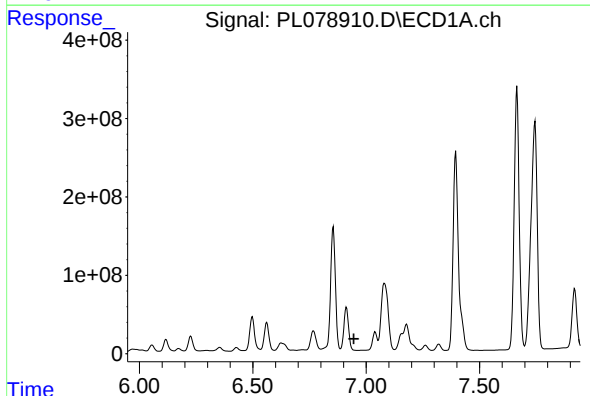
R.T.: 6.720 min  
Delta R.T.: 0.007 min  
Response: 960617  
Conc: 0.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



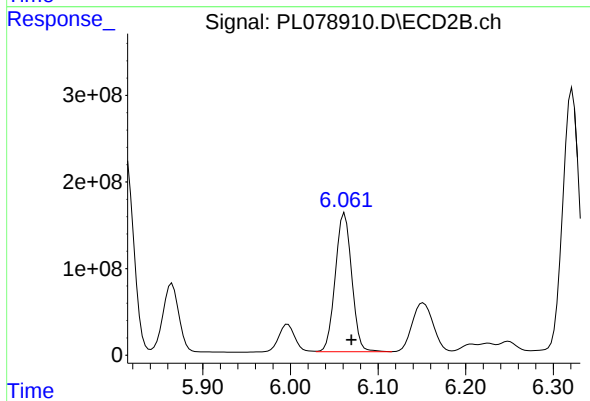
#18 Endrin aldehyde

R.T.: 5.865 min  
Delta R.T.: 0.018 min  
Response: -2737948648  
Conc: N.D.



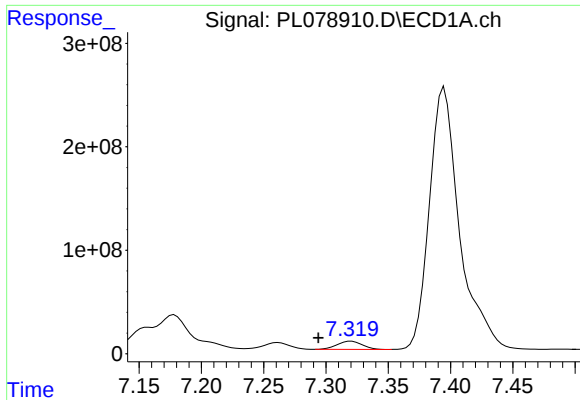
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

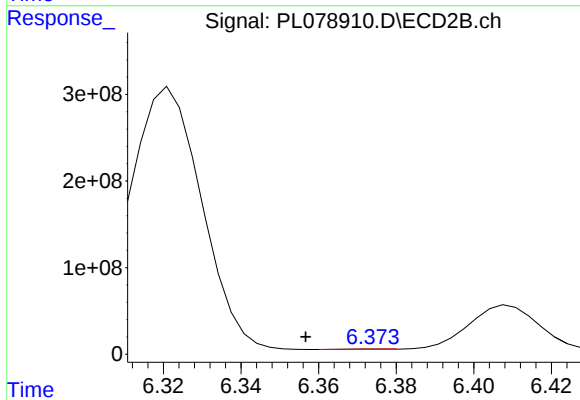
R.T.: 6.062 min  
Delta R.T.: -0.008 min  
Response: 2085565666  
Conc: 876.11 ng/ml



#20 Methoxychlor

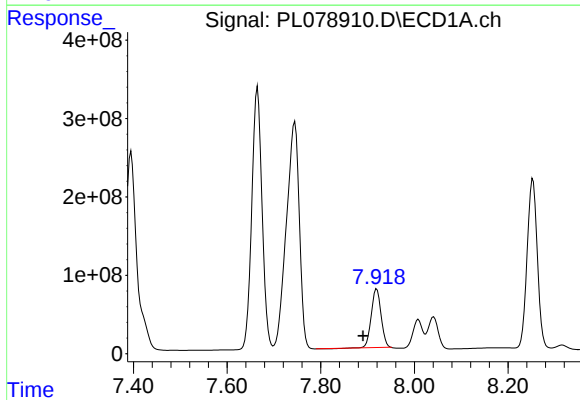
R.T.: 7.320 min  
Delta R.T.: 0.026 min  
Response: 74064600  
Conc: 80.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



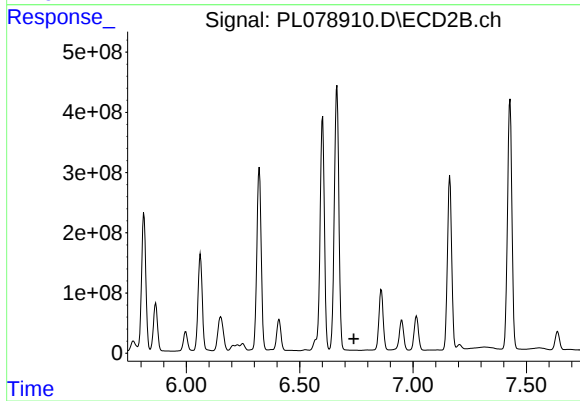
#20 Methoxychlor

R.T.: 6.375 min  
Delta R.T.: 0.018 min  
Response: 1661694  
Conc: 1.46 ng/ml



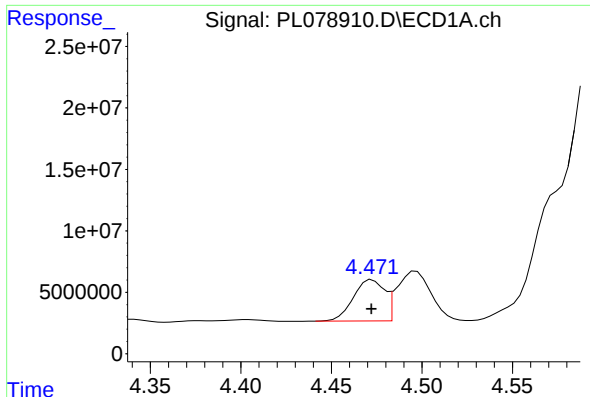
#22 Mirex

R.T.: 7.920 min  
Delta R.T.: 0.029 min  
Response: 1091243353  
Conc: 747.52 ng/ml



#22 Mirex

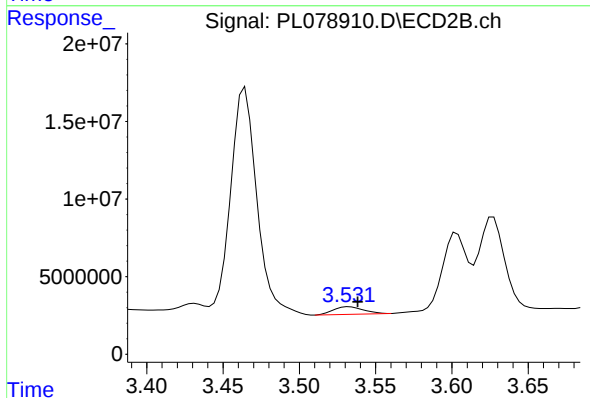
R.T.: 6.748 min  
Delta R.T.: 0.009 min  
Response: -1418441  
Conc: N.D.



#23 Chlordane-1

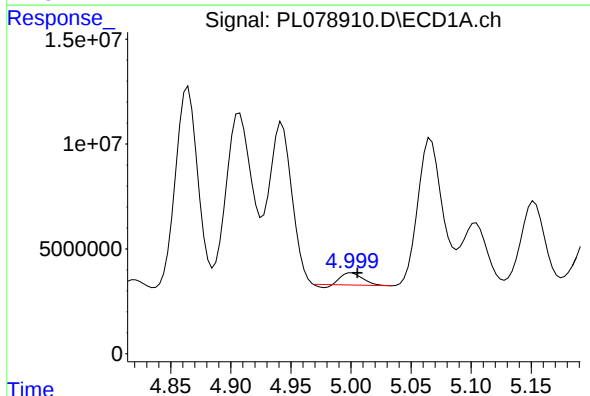
R.T.: 4.473 min  
Delta R.T.: 0.000 min  
Response: 39915260  
Conc: 509.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



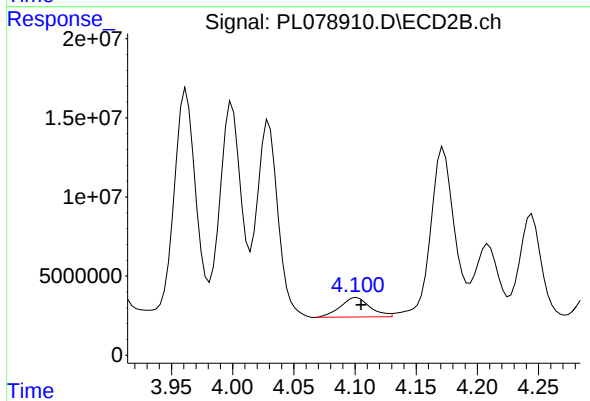
#23 Chlordane-1

R.T.: 3.533 min  
Delta R.T.: -0.005 min  
Response: 6741782  
Conc: 66.85 ng/ml



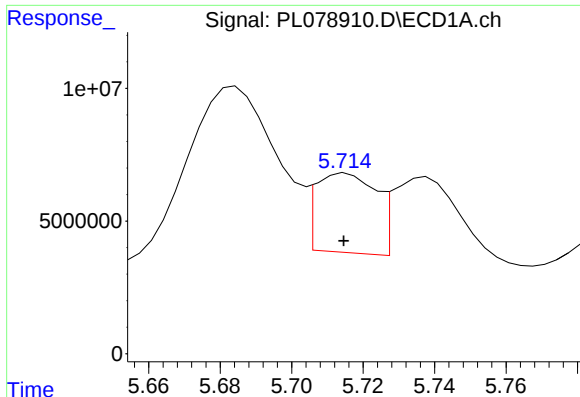
#24 Chlordane-2

R.T.: 5.000 min  
Delta R.T.: -0.005 min  
Response: 6600044  
Conc: 79.76 ng/ml



#24 Chlordane-2

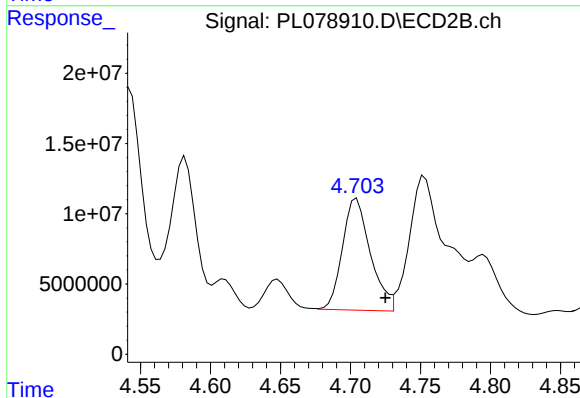
R.T.: 4.101 min  
Delta R.T.: -0.003 min  
Response: 20862828  
Conc: 196.03 ng/ml



#25 Chlordane-3

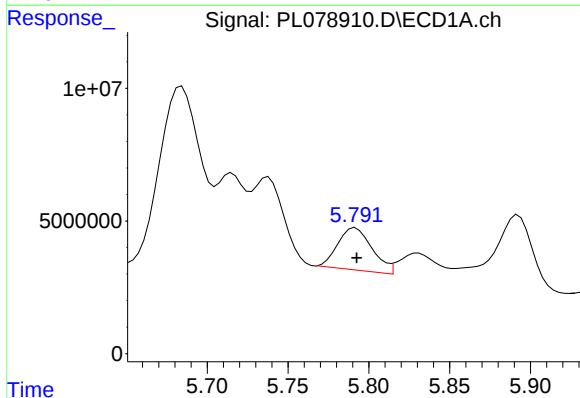
R.T.: 5.715 min  
Delta R.T.: 0.000 min  
Response: 34934141  
Conc: 104.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



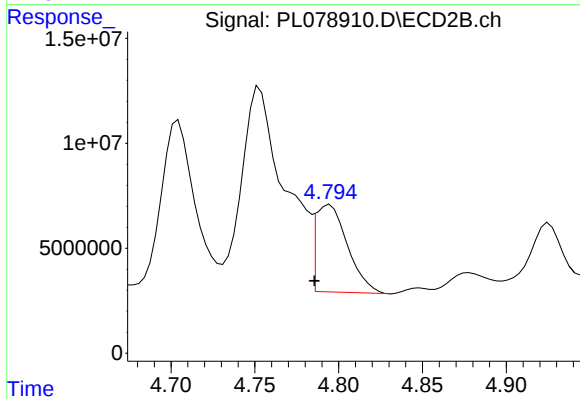
#25 Chlordane-3

R.T.: 4.704 min  
Delta R.T.: -0.021 min  
Response: 110405011  
Conc: 362.24 ng/ml



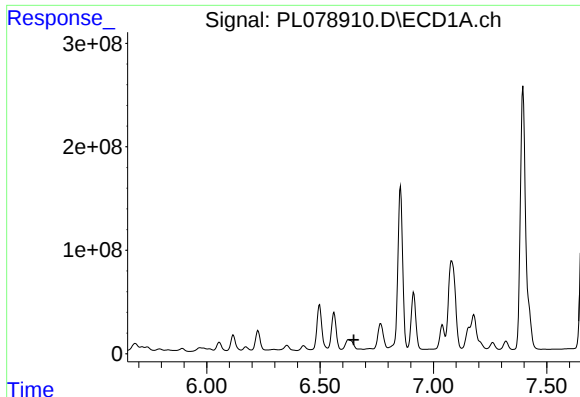
#26 Chlordane-4

R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 23570905  
Conc: 57.41 ng/ml



#26 Chlordane-4

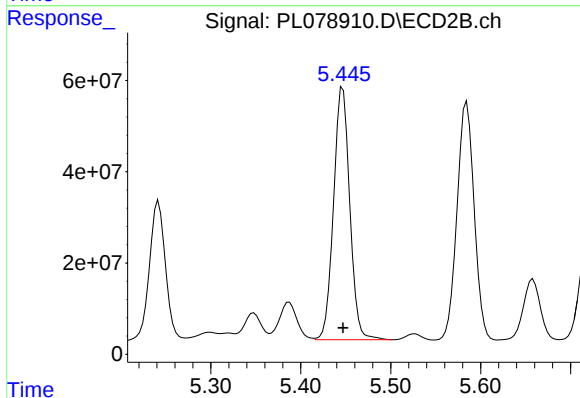
R.T.: 4.795 min  
Delta R.T.: 0.009 min  
Response: 54918006  
Conc: 168.07 ng/ml



#27 Chlordane-5

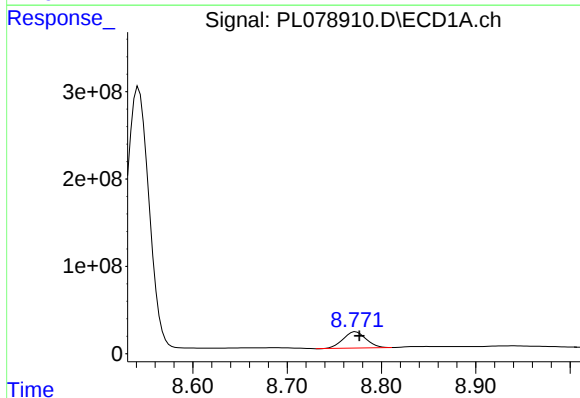
R.T.: 0.000 min  
Exp R.T.: 6.649 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



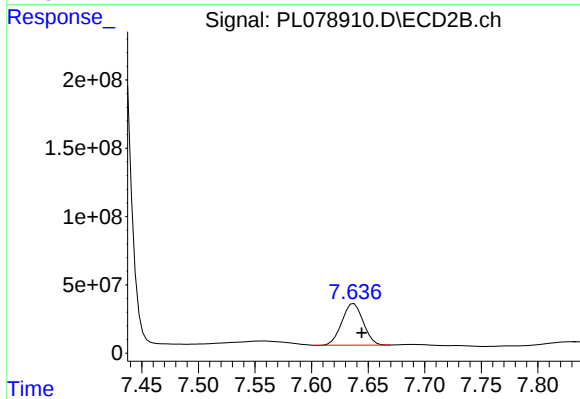
#27 Chlordane-5

R.T.: 5.447 min  
Delta R.T.: 0.000 min  
Response: 693713958  
Conc: 8505.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.773 min  
Delta R.T.: -0.004 min  
Response: 315243583  
Conc: 209.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.638 min  
Delta R.T.: -0.007 min  
Response: 397183062  
Conc: 209.69 ng/ml