

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100722\  
 Data File : PL078196.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Oct 2022 18:20  
 Operator : AR\AJ  
 Sample : PEM160  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 07 00:40:31 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

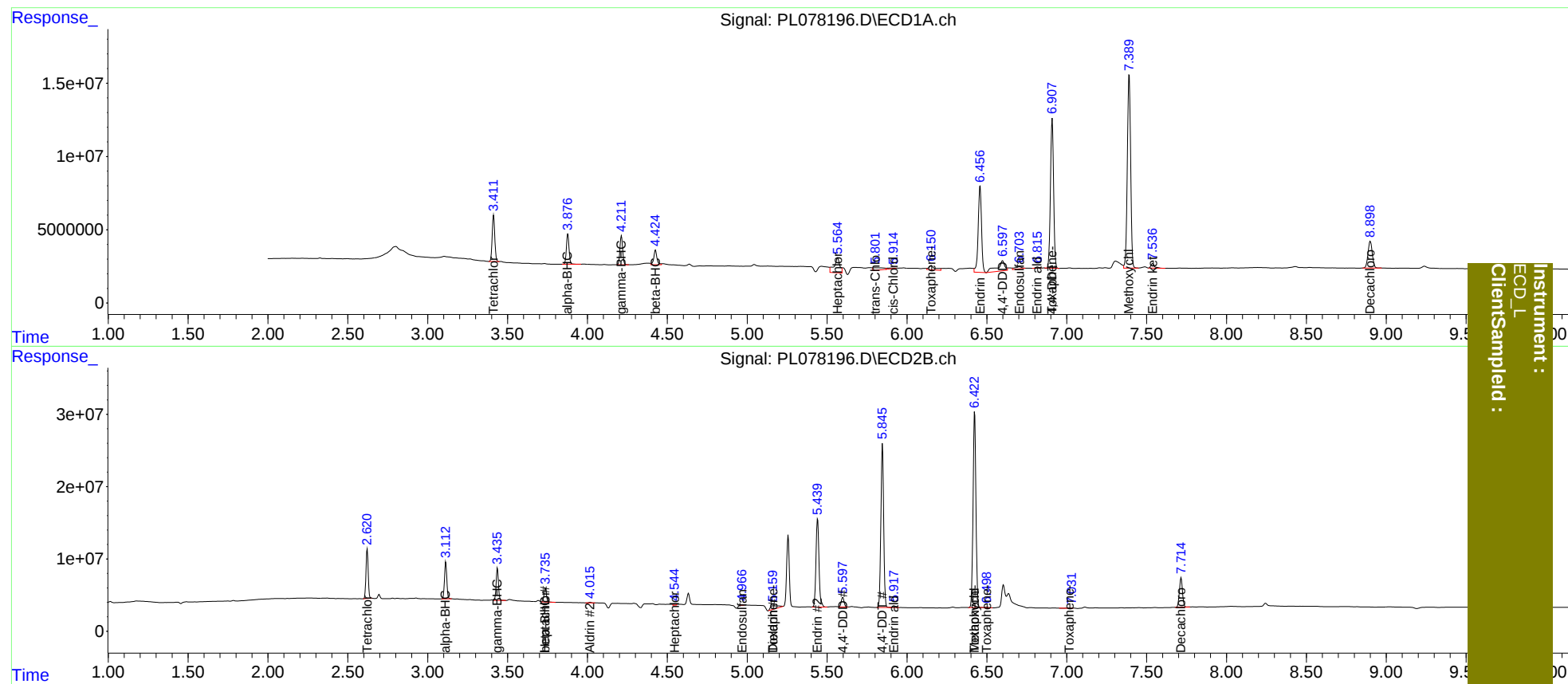
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.413  | 2.621  | 35206528 | 64840236 | 19.960   | 19.272     |
| 27)                         | SA Decachlor... | 8.900  | 7.716  | 33527499 | 55224614 | 22.120   | 20.395     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.877  | 3.113  | 24158853 | 50305461 | 9.610    | 10.023     |
| 3)                          | MA gamma-BHC... | 4.213  | 3.436  | 22923349 | 45387098 | 9.500    | 9.913      |
| 4)                          | MA Heptachlor   | 0.000  | 3.737f | 0        | 20062377 | N.D.     | 4.367      |
| 5)                          | MB Aldrin       | 0.000  | 4.016f | 0        | 875797   | N.D.     | 0.196      |
| 6)                          | B beta-BHC      | 4.425  | 3.737  | 14156669 | 20062377 | 12.035   | 10.105     |
| 7)                          | B delta-BHC     | 4.703f | 0.000  | 134128   | 0        | <MDL     | N.D. #     |
| 8)                          | B Heptachlo...  | 5.566  | 4.546  | 24770017 | 1767217  | 11.708   | 0.448 #    |
| 9)                          | A Endosulfan I  | 5.938  | 4.967f | 91023    | 386894   | <MDL     | 0.107 #    |
| 10)                         | B trans-Chl...  | 5.803  | 0.000  | 7340875  | 0        | 3.759    | N.D. #     |
| 11)                         | B cis-Chlor...  | 5.916  | 0.000  | 2001711  | 0        | 1.061    | N.D. #     |
| 13)                         | MA Dieldrin     | 0.000  | 5.162  | 0        | 14978917 | N.D.     | 3.851      |
| 14)                         | MA Endrin       | 6.457  | 5.440  | 84791010 | 160.9E6  | 52.582   | 49.895     |
| 15)                         | B Endosulfa...  | 6.704  | 5.760  | 4409311  | 119479   | 2.733    | <MDL #     |
| 16)                         | A 4,4'-DDD      | 6.598  | 5.598  | 22588360 | 16306682 | 16.647   | 5.400 #    |
| 17)                         | MA 4,4'-DDT     | 6.909  | 5.846  | 139.6E6  | 276.4E6  | 95.946   | 91.475     |
| 18)                         | B Endrin al...  | 6.816  | 5.918  | 1166406  | 3387975  | 0.867    | 1.310 #    |
| 20)                         | A Methoxychlor  | 7.391  | 6.424  | 188.5E6  | 344.1E6  | 251.312  | 231.192    |
| 22)                         | Toxaphene-1     | 6.152  | 5.162  | 8162466  | 14978917 | 583.266  | 926.159 #  |
| 23)                         | Toxaphene-2     | 6.909  | 6.424  | 139.6E6  | 344.1E6  | 3414.748 | 5116.633 # |
| 24)                         | Toxaphene-3     | 0.000  | 6.500  | 0        | 788236   | N.D.     | 8.656      |
| 26)                         | Toxaphene-5     | 0.000  | 7.016f | 0        | 1136960  | N.D.     | 34.494     |
| -----                       |                 |        |        |          |          |          |            |

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

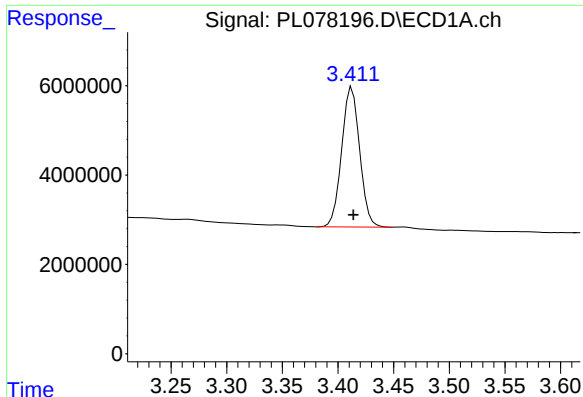
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100722\  
Data File : PL078196.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Oct 2022 18:20  
Operator : AR\AJ  
Sample : PEM160  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 07 00:40:31 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



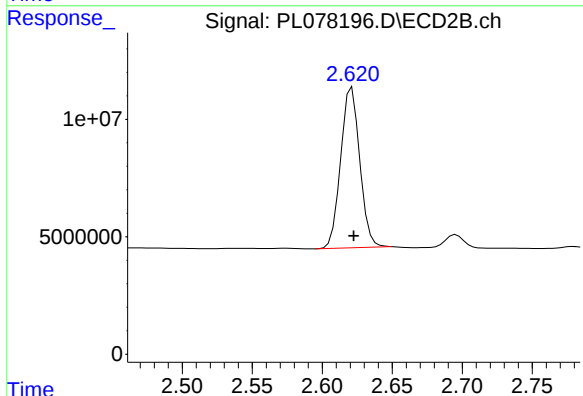
Instrument :  
ECD\_L  
ClientSampled :



#1 Tetrachloro-m-xylene

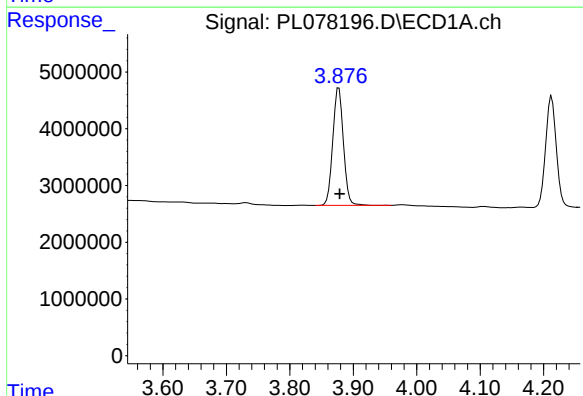
R.T.: 3.413 min  
Delta R.T.: -0.001 min  
Response: 35206528  
Conc: 19.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



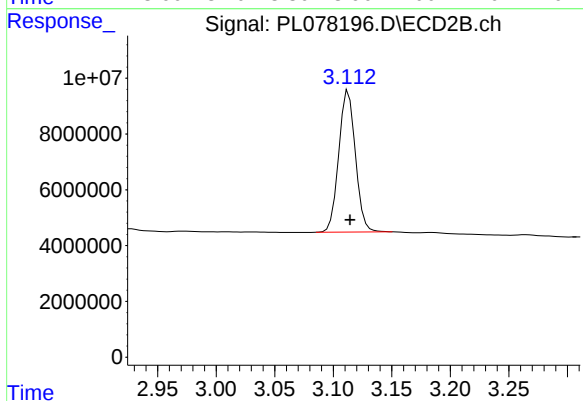
#1 Tetrachloro-m-xylene

R.T.: 2.621 min  
Delta R.T.: -0.001 min  
Response: 64840236  
Conc: 19.27 ng/ml



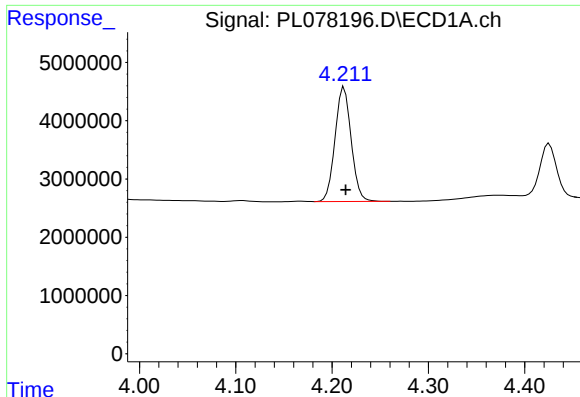
#2 alpha-BHC

R.T.: 3.877 min  
Delta R.T.: -0.001 min  
Response: 24158853  
Conc: 9.61 ng/ml



#2 alpha-BHC

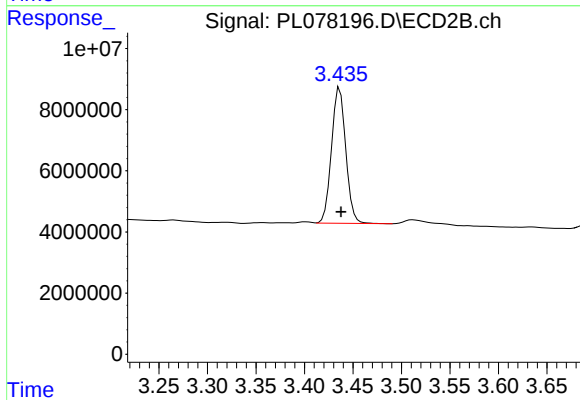
R.T.: 3.113 min  
Delta R.T.: -0.001 min  
Response: 50305461  
Conc: 10.02 ng/ml



#3 gamma-BHC (Lindane)

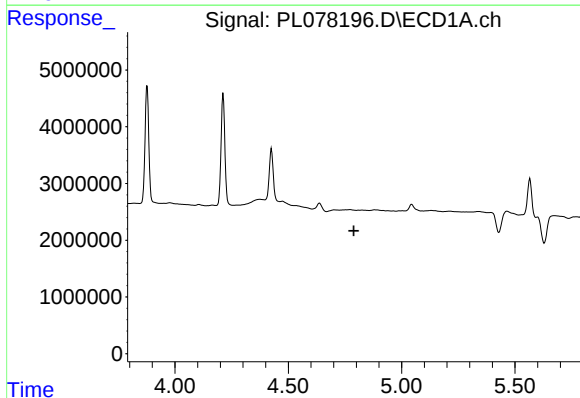
R.T.: 4.213 min  
Delta R.T.: -0.002 min  
Response: 22923349  
Conc: 9.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



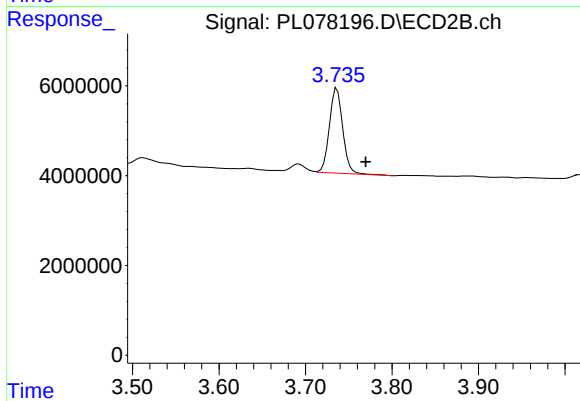
#3 gamma-BHC (Lindane)

R.T.: 3.436 min  
Delta R.T.: -0.002 min  
Response: 45387098  
Conc: 9.91 ng/ml



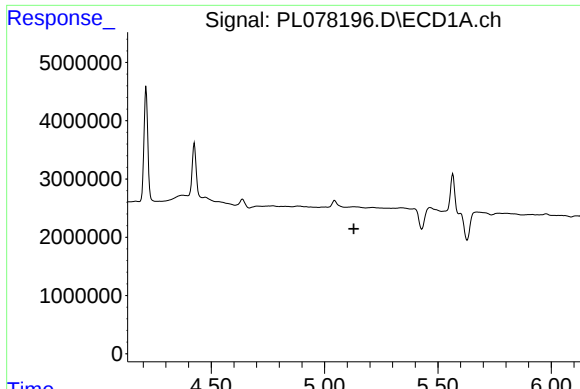
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.789 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

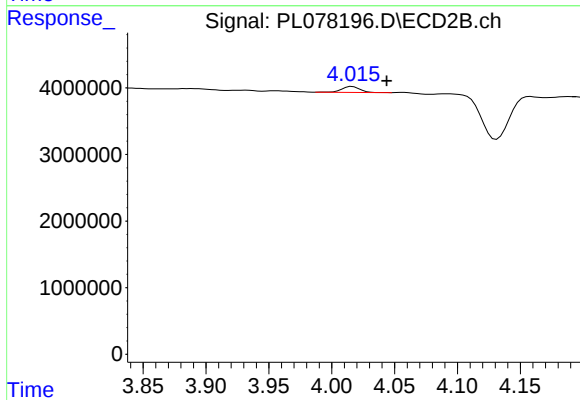
R.T.: 3.737 min  
Delta R.T.: -0.033 min  
Response: 20062377  
Conc: 4.37 ng/ml



#5 Aldrin

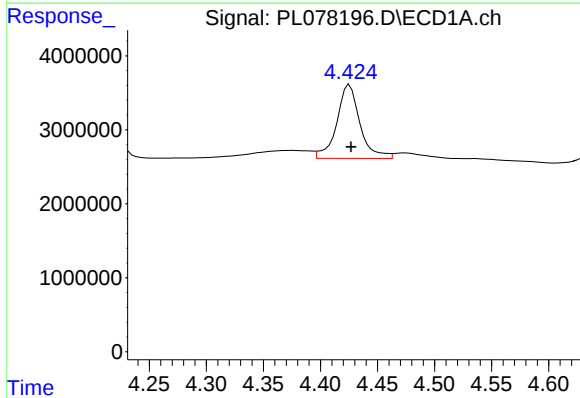
R.T.: 0.000 min  
Exp R.T.: 5.130 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



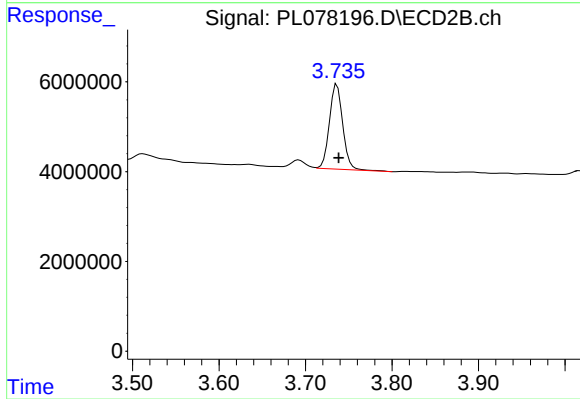
#5 Aldrin

R.T.: 4.016 min  
Delta R.T.: -0.027 min  
Response: 875797  
Conc: 0.20 ng/ml



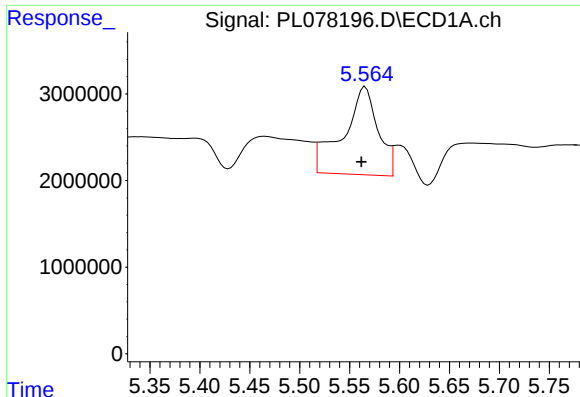
#6 beta-BHC

R.T.: 4.425 min  
Delta R.T.: -0.001 min  
Response: 14156669  
Conc: 12.03 ng/ml



#6 beta-BHC

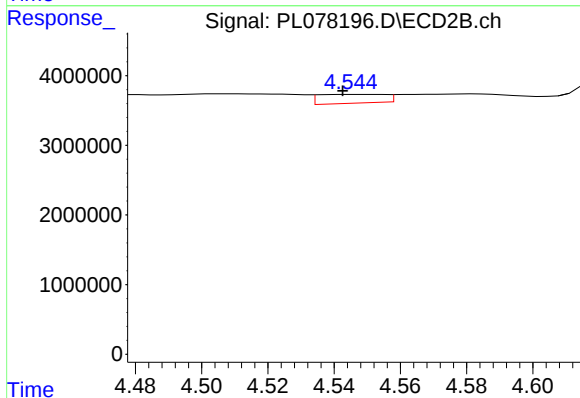
R.T.: 3.737 min  
Delta R.T.: -0.002 min  
Response: 20062377  
Conc: 10.11 ng/ml



#8 Heptachlor epoxide

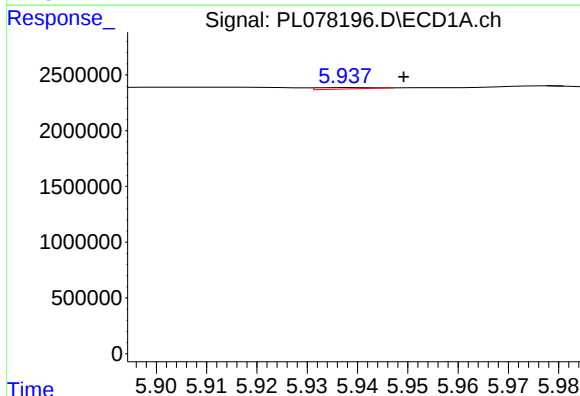
R.T.: 5.566 min  
Delta R.T.: 0.004 min  
Response: 24770017  
Conc: 11.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



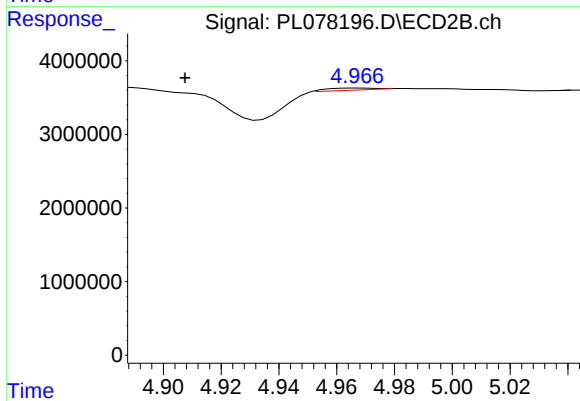
#8 Heptachlor epoxide

R.T.: 4.546 min  
Delta R.T.: 0.003 min  
Response: 1767217  
Conc: 0.45 ng/ml



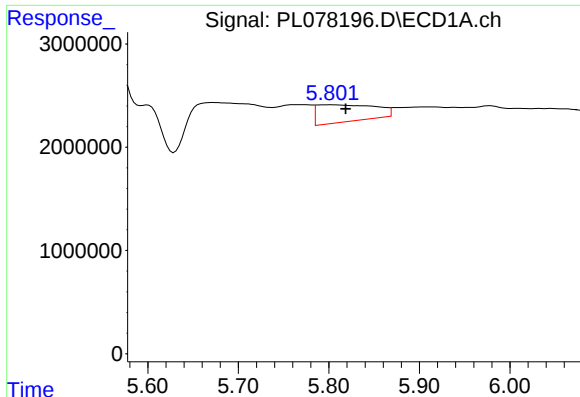
#9 Endosulfan I

R.T.: 5.938 min  
Delta R.T.: -0.011 min  
Response: 91023  
Conc: N.D.



#9 Endosulfan I

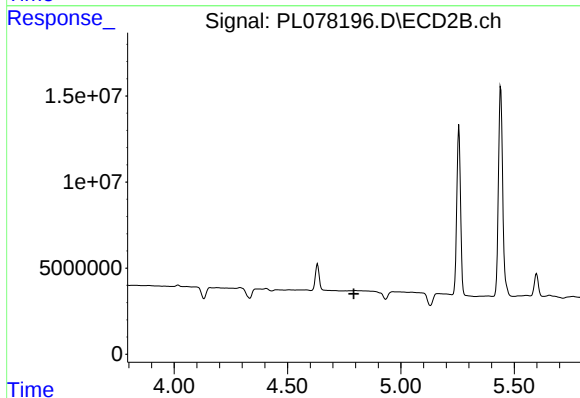
R.T.: 4.967 min  
Delta R.T.: 0.059 min  
Response: 386894  
Conc: 0.11 ng/ml



#10 trans-Chlordane

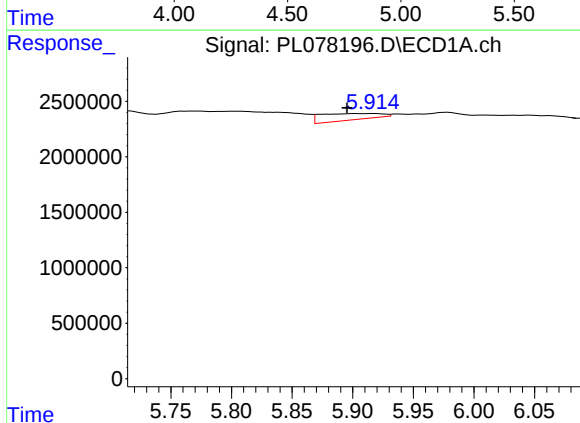
R.T.: 5.803 min  
Delta R.T.: -0.016 min  
Response: 7340875  
Conc: 3.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



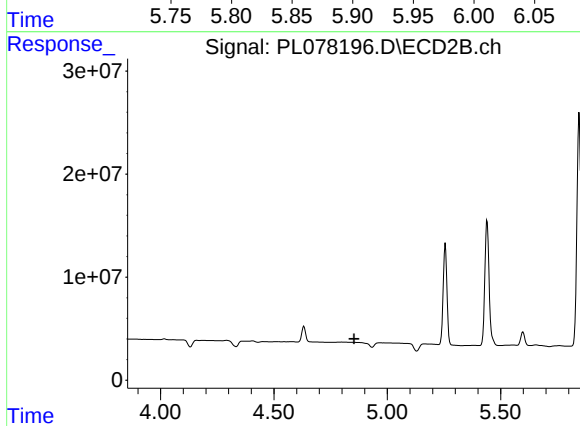
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T. : 4.792 min  
Response: 0  
Conc: N.D.



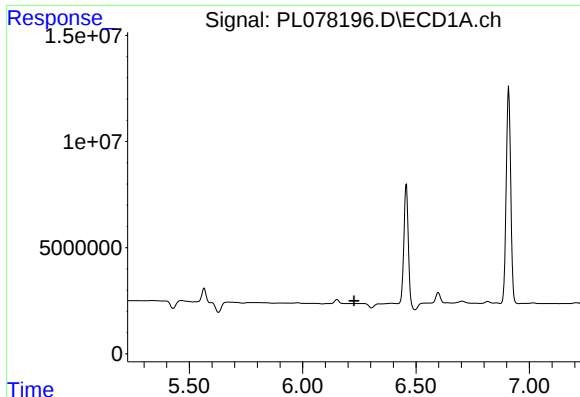
#11 cis-Chlordane

R.T.: 5.916 min  
Delta R.T.: 0.021 min  
Response: 2001711  
Conc: 1.06 ng/ml



#11 cis-Chlordane

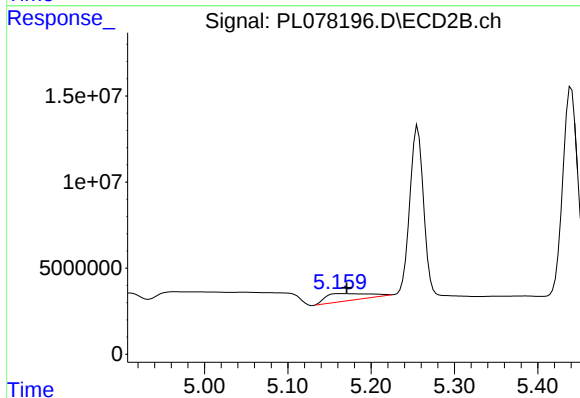
R.T.: 0.000 min  
Exp R.T. : 4.854 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

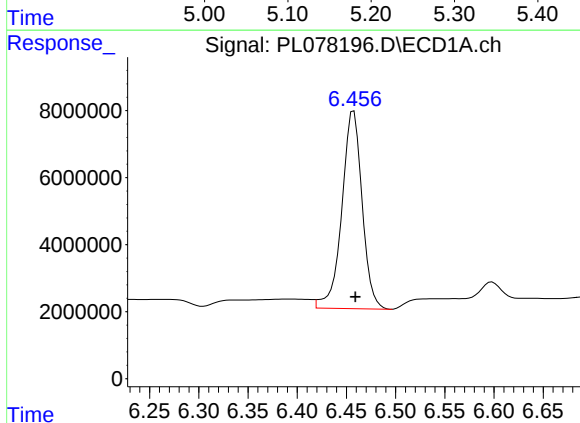
R.T.: 0.000 min  
Exp R.T.: 6.227 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



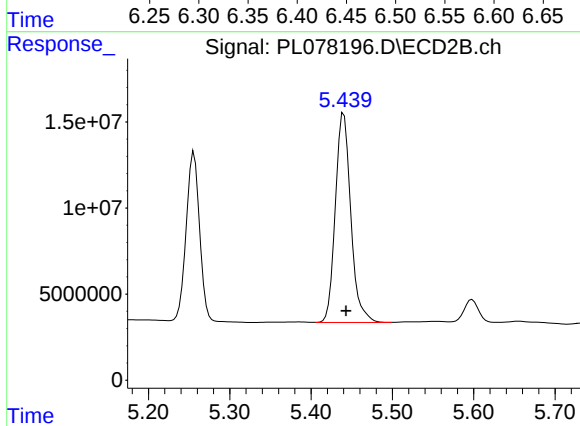
#13 Dieldrin

R.T.: 5.162 min  
Delta R.T.: -0.009 min  
Response: 14978917  
Conc: 3.85 ng/ml



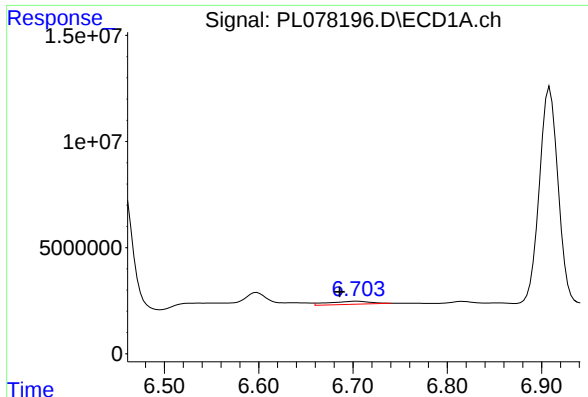
#14 Endrin

R.T.: 6.457 min  
Delta R.T.: -0.002 min  
Response: 84791010  
Conc: 52.58 ng/ml



#14 Endrin

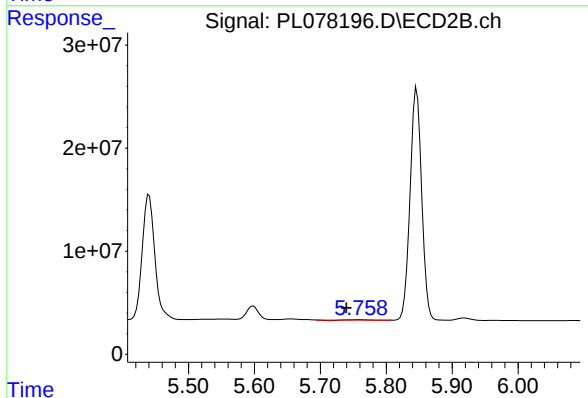
R.T.: 5.440 min  
Delta R.T.: -0.003 min  
Response: 160903756  
Conc: 49.89 ng/ml



#15 Endosulfan II

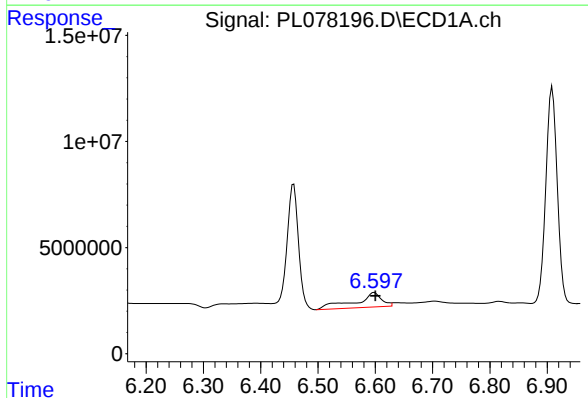
R.T.: 6.704 min  
Delta R.T.: 0.018 min  
Response: 4409311  
Conc: 2.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



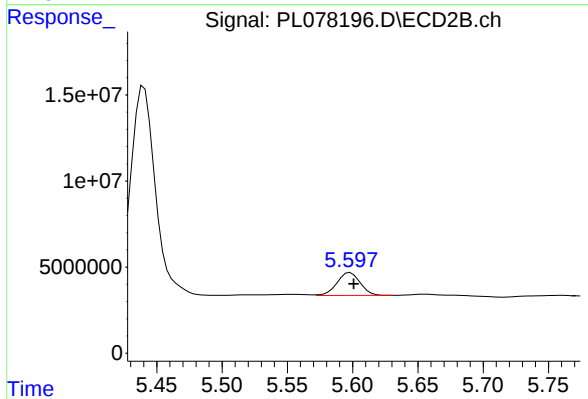
#15 Endosulfan II

R.T.: 5.760 min  
Delta R.T.: 0.020 min  
Response: 119479  
Conc: N.D.



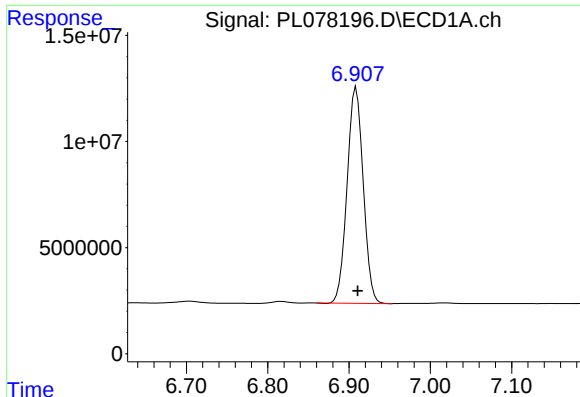
#16 4,4'-DDD

R.T.: 6.598 min  
Delta R.T.: -0.002 min  
Response: 22588360  
Conc: 16.65 ng/ml



#16 4,4'-DDD

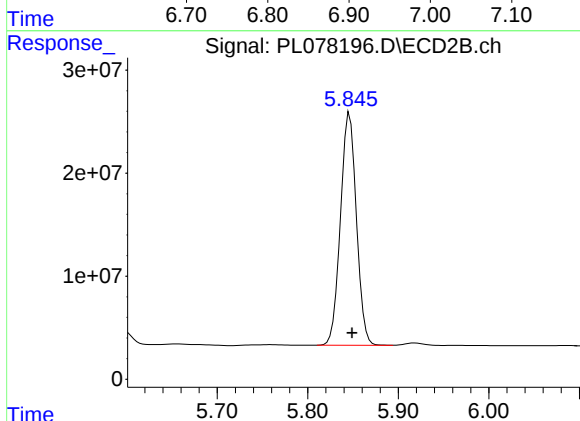
R.T.: 5.598 min  
Delta R.T.: -0.003 min  
Response: 16306682  
Conc: 5.40 ng/ml



#17 4,4'-DDT

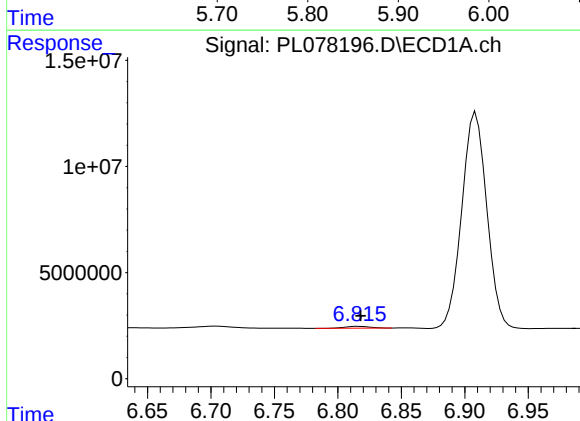
R.T.: 6.909 min  
Delta R.T.: -0.002 min  
Response: 139642035  
Conc: 95.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



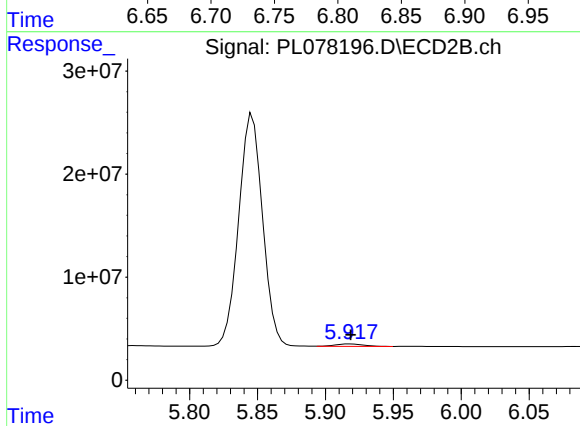
#17 4,4'-DDT

R.T.: 5.846 min  
Delta R.T.: -0.003 min  
Response: 276361251  
Conc: 91.48 ng/ml



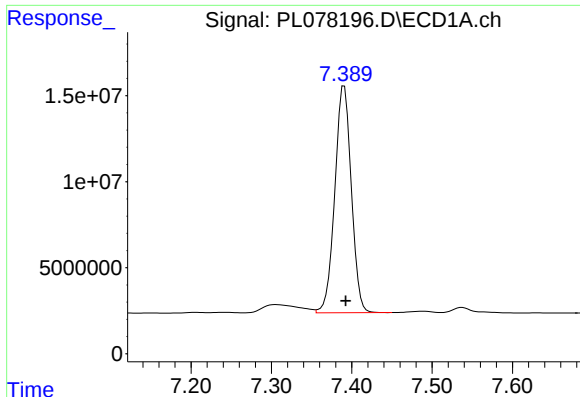
#18 Endrin aldehyde

R.T.: 6.816 min  
Delta R.T.: -0.001 min  
Response: 1166406  
Conc: 0.87 ng/ml



#18 Endrin aldehyde

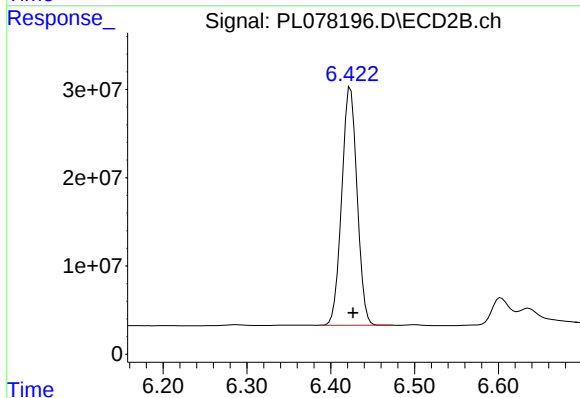
R.T.: 5.918 min  
Delta R.T.: 0.000 min  
Response: 3387975  
Conc: 1.31 ng/ml



#20 Methoxychlor

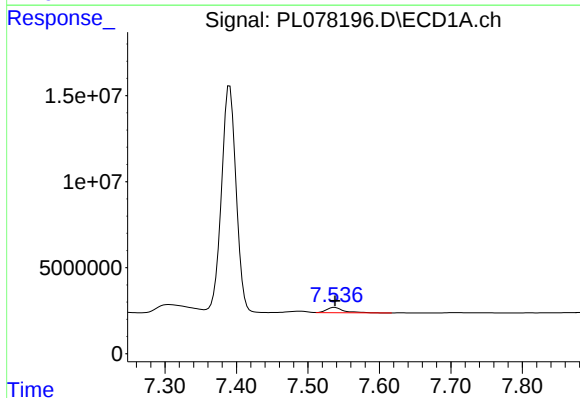
R.T.: 7.391 min  
Delta R.T.: -0.002 min  
Response: 188479368  
Conc: 251.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



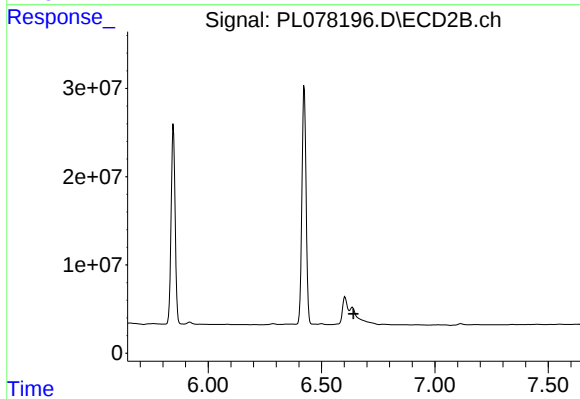
#20 Methoxychlor

R.T.: 6.424 min  
Delta R.T.: -0.003 min  
Response: 344076090  
Conc: 231.19 ng/ml



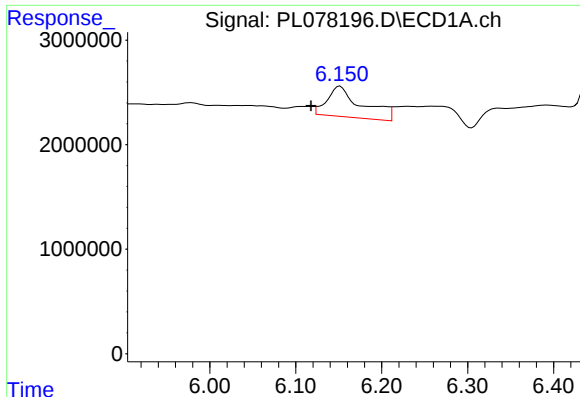
#21 Endrin ketone

R.T.: 7.537 min  
Delta R.T.: 0.000 min  
Response: 5164179  
Conc: 3.21 ng/ml



#21 Endrin ketone

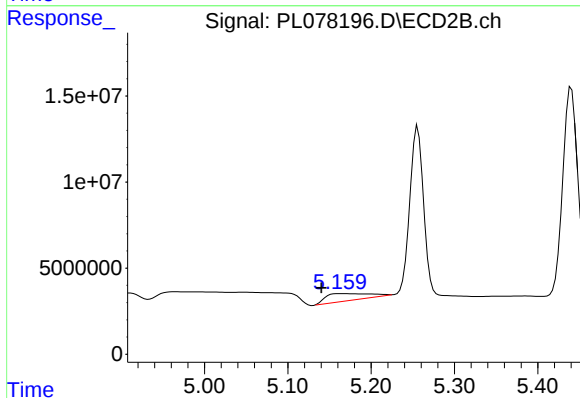
R.T.: 6.636 min  
Delta R.T.: -0.005 min  
Response: -32304624  
Conc: N.D.



#22 Toxaphene-1

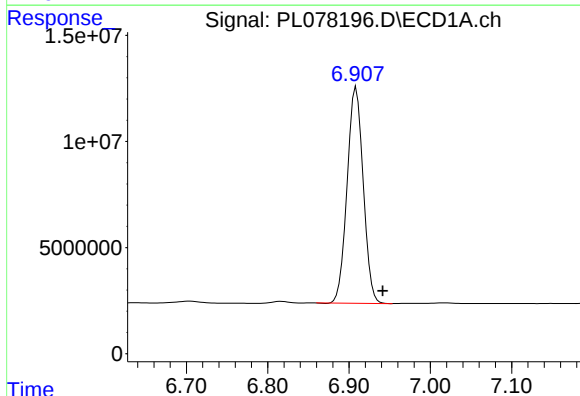
R.T.: 6.152 min  
Delta R.T.: 0.034 min  
Response: 8162466  
Conc: 583.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



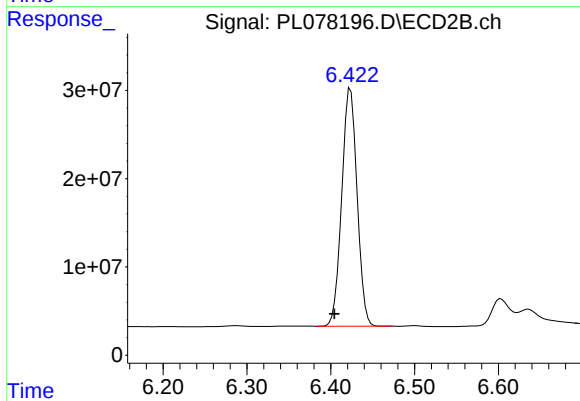
#22 Toxaphene-1

R.T.: 5.162 min  
Delta R.T.: 0.022 min  
Response: 14978917  
Conc: 926.16 ng/ml



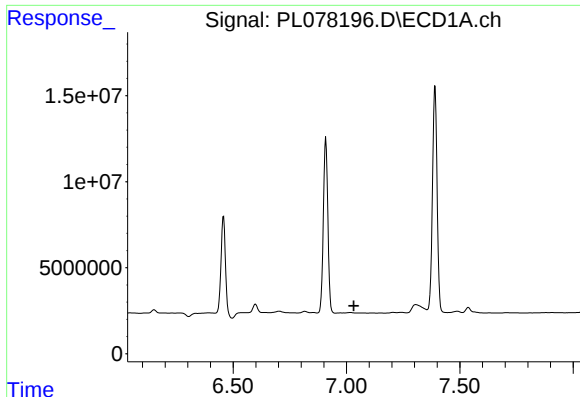
#23 Toxaphene-2

R.T.: 6.909 min  
Delta R.T.: -0.032 min  
Response: 139642035  
Conc: 3414.75 ng/ml



#23 Toxaphene-2

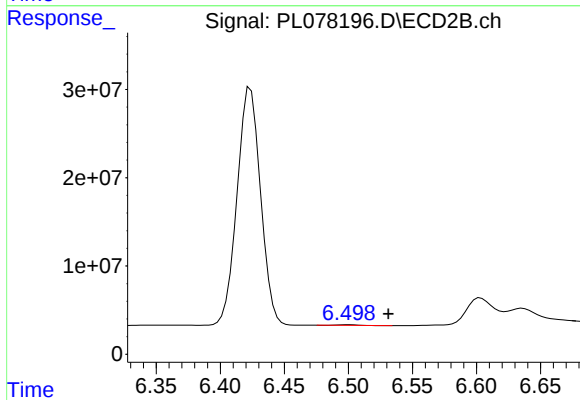
R.T.: 6.424 min  
Delta R.T.: 0.019 min  
Response: 344076090  
Conc: 5116.63 ng/ml



#24 Toxaphene-3

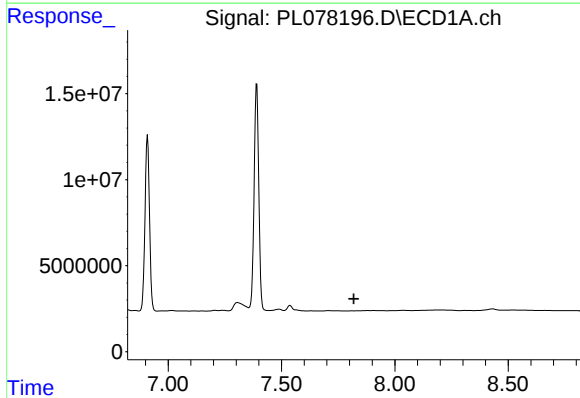
R.T.: 0.000 min  
Exp R.T.: 7.033 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



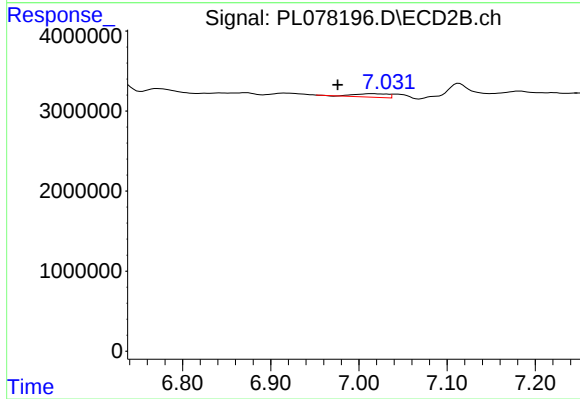
#24 Toxaphene-3

R.T.: 6.500 min  
Delta R.T.: -0.032 min  
Response: 788236  
Conc: 8.66 ng/ml



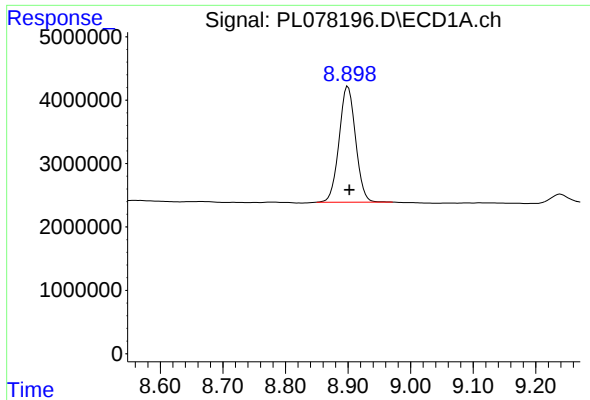
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T.: 7.820 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

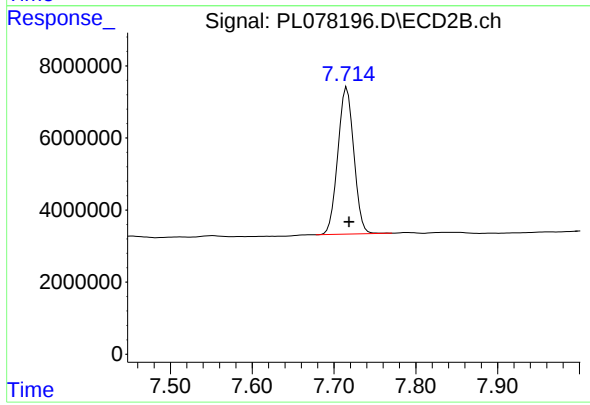
R.T.: 7.016 min  
Delta R.T.: 0.039 min  
Response: 1136960  
Conc: 34.49 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.900 min  
Delta R.T.: -0.003 min  
Response: 33527499  
Conc: 22.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.716 min  
Delta R.T.: -0.002 min  
Response: 55224614  
Conc: 20.39 ng/ml