

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062422\  
 Data File : PL076005.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jun 2022 00:33  
 Operator : AR\AJ  
 Sample : N3455-15  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 25 02:33:29 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062222.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 24 02:17:51 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... | 5.640   | 4.633  | 6485880 | 15157241 | 8.576  | 7.992    |
| 28)                         | SA Decachlor... | 11.631  | 10.373 | 6761491 | 14243564 | 10.745 | 9.274    |
| Target Compounds            |                 |         |        |         |          |        |          |
| 4)                          | MA Heptachlor   | 7.275   | 0.000  | 133422  | 0        | 0.145  | N.D. #   |
| 5)                          | MB Aldrin       | 7.649   | 6.485  | 219082  | 627527   | 0.264  | 0.304    |
| 6)                          | B beta-BHC      | 0.000   | 6.105f | 0       | 1239463  | N.D.   | 1.188 #  |
| 7)                          | B delta-BHC     | 0.000   | 6.398  | 0       | 383770   | N.D.   | 0.170 #  |
| 8)                          | B Heptachlo...  | 8.116   | 0.000  | 572456  | 0        | 0.719  | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000   | 7.481f | 0       | 299609   | N.D.   | 0.171 #  |
| 10)                         | B gamma-Chl...  | 8.366f  | 7.350  | 564618  | 5322316  | 0.726  | 2.769 #  |
| 11)                         | B alpha-Chl...  | 8.471   | 7.401  | 919377  | 1403075  | 1.184  | 0.733 #  |
| 12)                         | B 4,4'-DDE      | 8.655   | 7.616  | 7391630 | 15636762 | 10.936 | 9.213    |
| 13)                         | MA Dieldrin     | 0.000   | 7.753  | 0       | 1678823  | N.D.   | 0.933 #  |
| 14)                         | MA Endrin       | 9.051   | 8.053  | 257758  | 1282364  | 0.413  | 0.844 #  |
| 15)                         | B Endosulfa...  | 9.301   | 8.340  | 64878   | 361296   | 0.102  | 0.239 #  |
| 16)                         | A 4,4'-DDD      | 9.197   | 8.200  | 9711818 | 18105275 | 17.128 | 13.053   |
| 17)                         | MA 4,4'-DDT     | 9.517   | 8.457  | 2760747 | 9079758  | 4.522  | 6.139 #  |
| 18)                         | B Endrin al...  | 9.433   | 8.555f | 108120  | 1072814  | 0.209  | 0.899 #  |
| 19)                         | B Endosulfa...  | 0.000   | 8.761  | 0       | 2810049  | N.D.   | 1.832 #  |
| 20)                         | A Methoxychlor  | 0.000   | 9.026f | 0       | 1158426  | N.D.   | 1.360 #  |
| 21)                         | B Endrin ke...  | 10.183f | 9.273  | 447208  | 193078   | 0.620  | 0.117 #  |
| 22)                         | Mirex           | 10.653  | 0.000  | 737462  | 0        | 1.371  | N.D. #   |
| 23)                         | Chlordane-1     | 0.000   | 5.951  | 0       | 219816   | N.D.   | 3.926 #  |
| 24)                         | Chlordane-2     | 7.649f  | 0.000  | 219082  | 0        | 7.222  | N.D. #   |
| 25)                         | Chlordane-3     | 8.366f  | 7.350  | 564618  | 5322316  | 5.552  | 30.178 # |
| 26)                         | Chlordane-4     | 8.471   | 7.401  | 919377  | 1403075  | 7.385  | 7.443    |
| 27)                         | Chlordane-5     | 0.000   | 8.117  | 0       | 1910360  | N.D.   | 41.754 # |
| -----                       |                 |         |        |         |          |        |          |

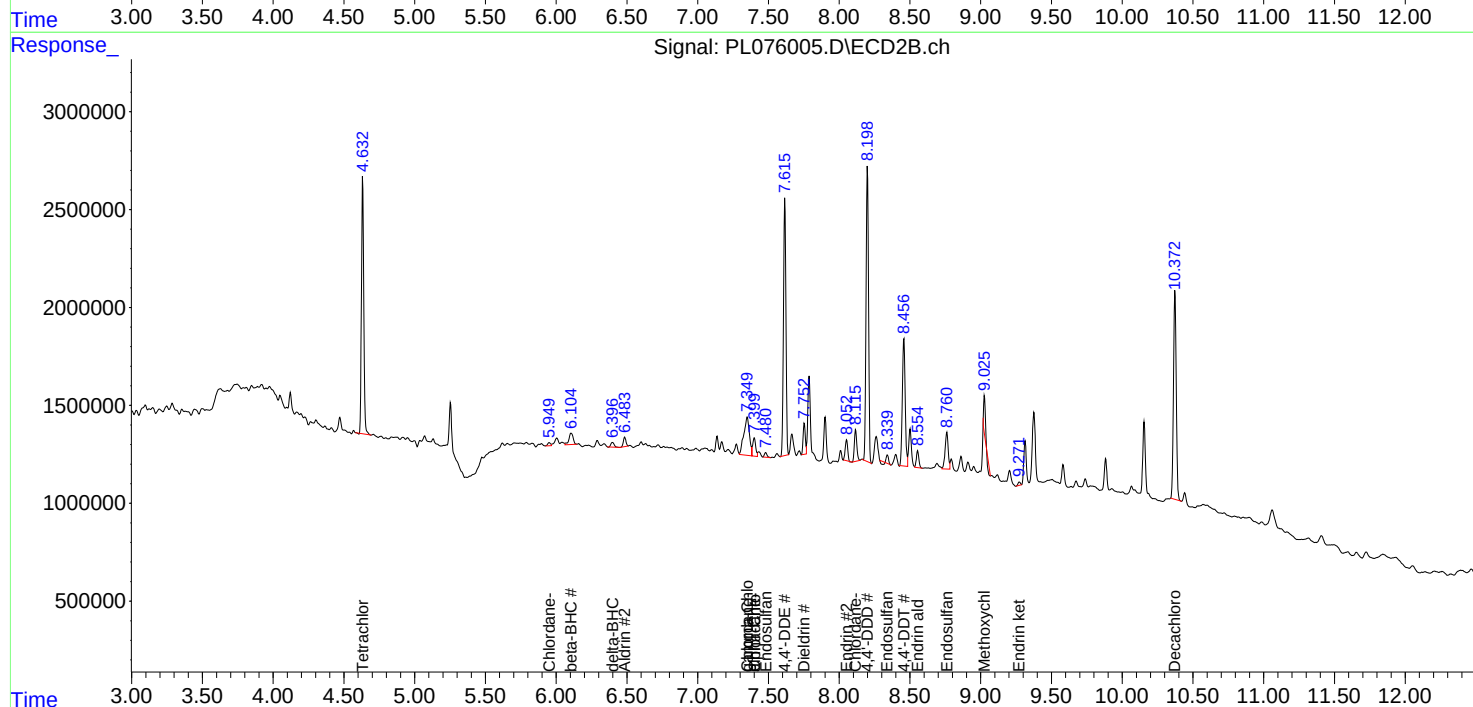
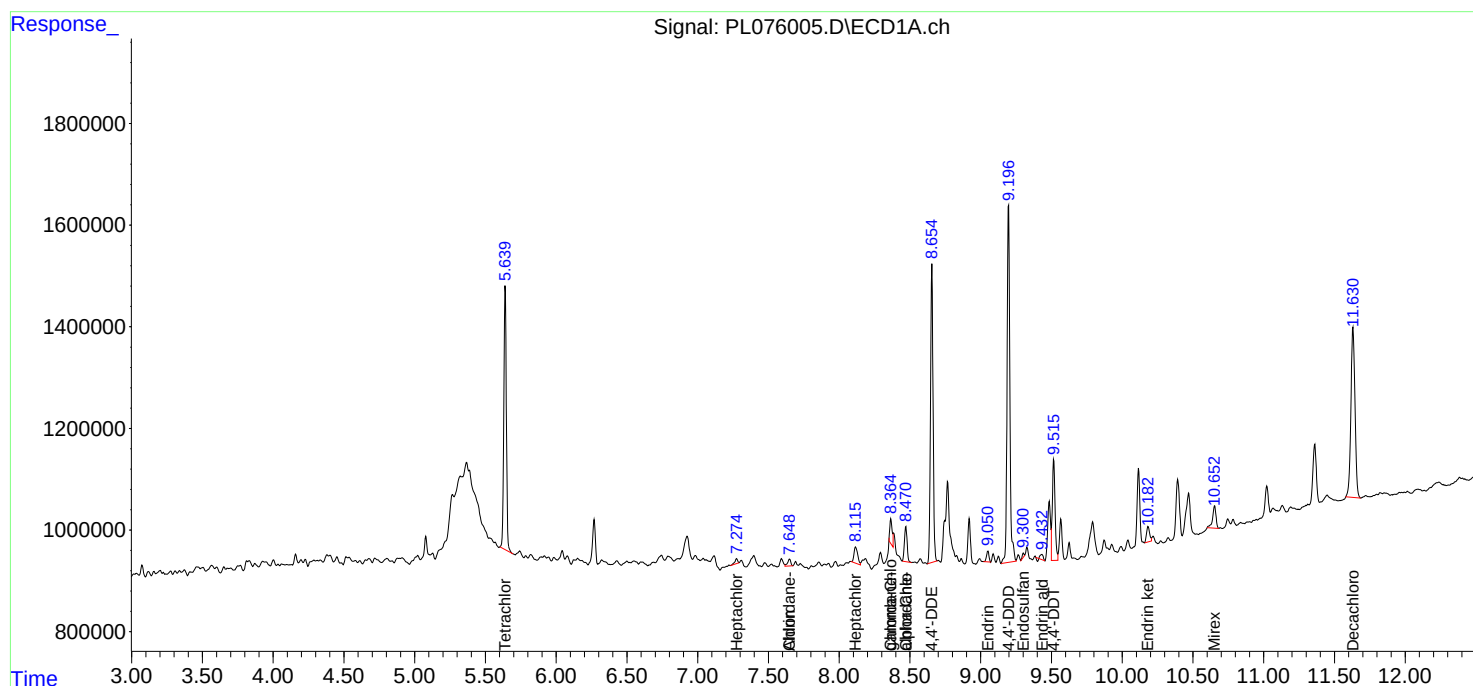
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

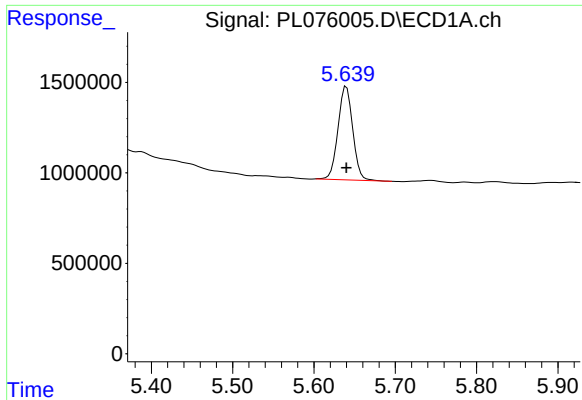
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062422\  
Data File : PL076005.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2022 00:33  
Operator : AR\AJ  
Sample : N3455-15  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 25 02:33:29 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062222.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 24 02:17:51 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

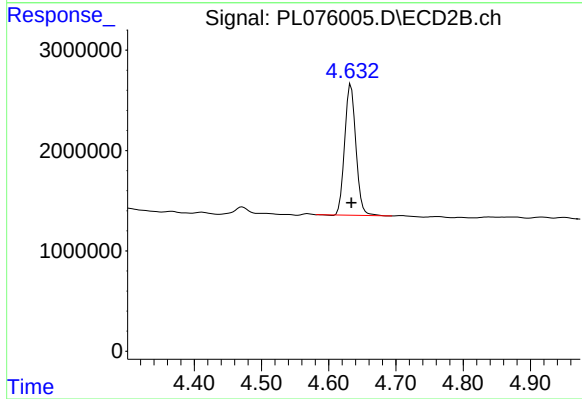




#1 Tetrachloro-m-xylene

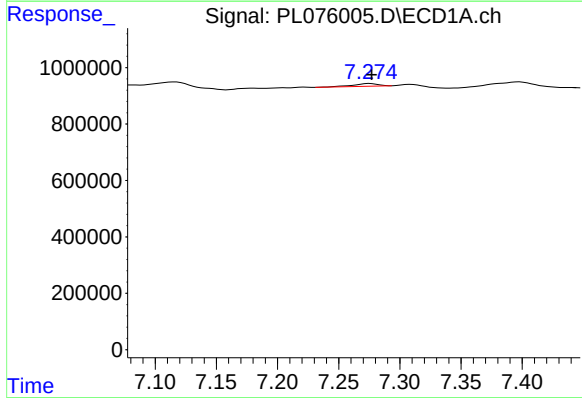
R.T.: 5.640 min  
Delta R.T.: 0.000 min  
Response: 6485880  
Conc: 8.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



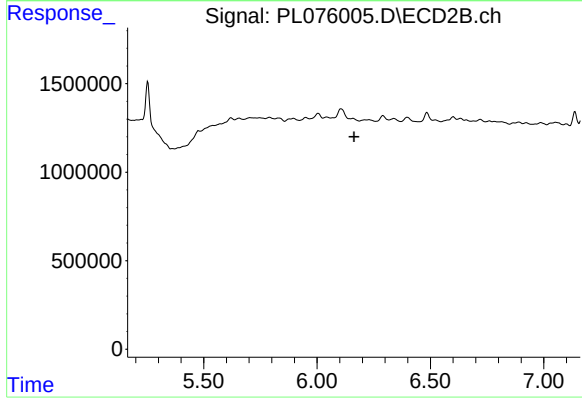
#1 Tetrachloro-m-xylene

R.T.: 4.633 min  
Delta R.T.: -0.001 min  
Response: 15157241  
Conc: 7.99 ng/ml



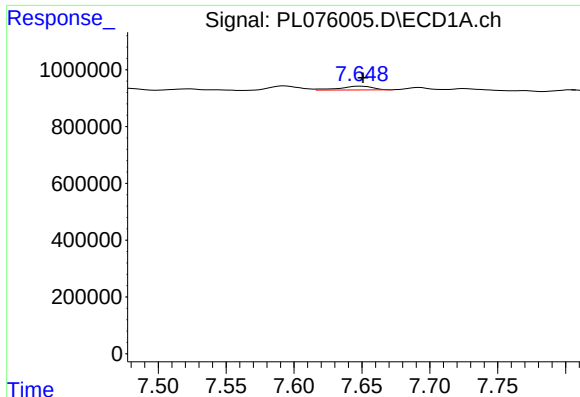
#4 Heptachlor

R.T.: 7.275 min  
Delta R.T.: -0.002 min  
Response: 133422  
Conc: 0.15 ng/ml



#4 Heptachlor

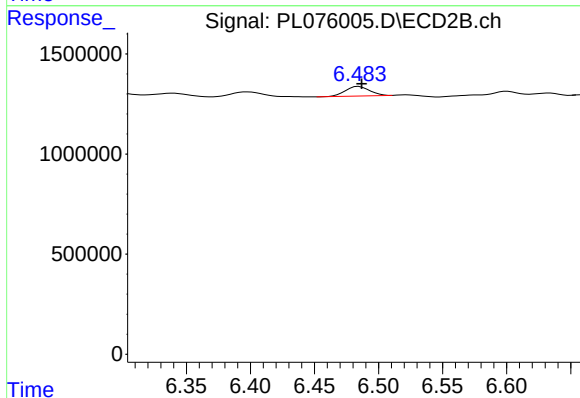
R.T.: 0.000 min  
Exp R.T.: 6.163 min  
Response: 0  
Conc: N.D.



#5 Aldrin

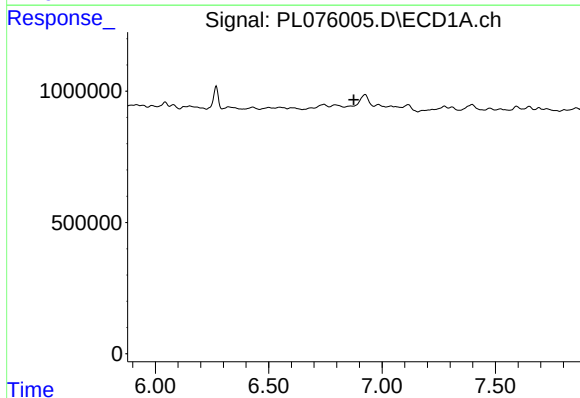
R.T.: 7.649 min  
Delta R.T.: -0.002 min  
Response: 219082  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



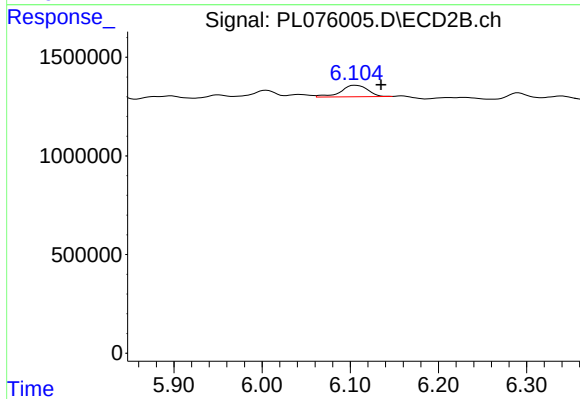
#5 Aldrin

R.T.: 6.485 min  
Delta R.T.: -0.002 min  
Response: 627527  
Conc: 0.30 ng/ml



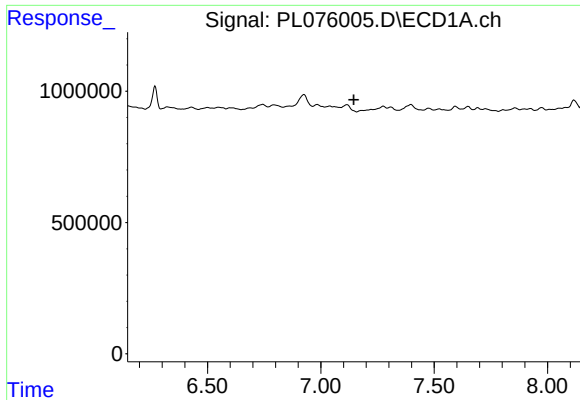
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 6.875 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

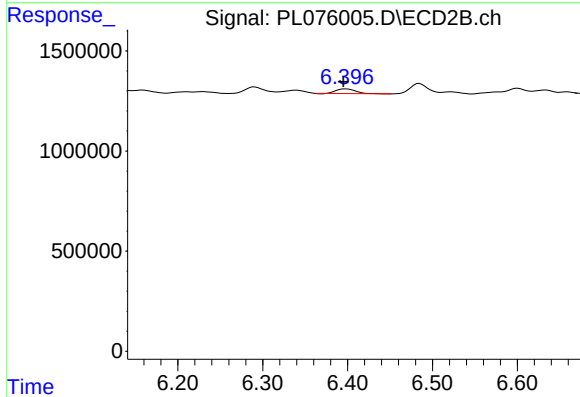
R.T.: 6.105 min  
Delta R.T.: -0.029 min  
Response: 1239463  
Conc: 1.19 ng/ml



#7 delta-BHC

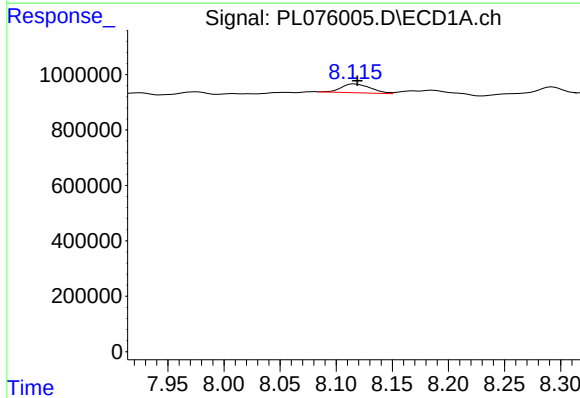
R.T.: 0.000 min  
Exp R.T. : 7.145 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



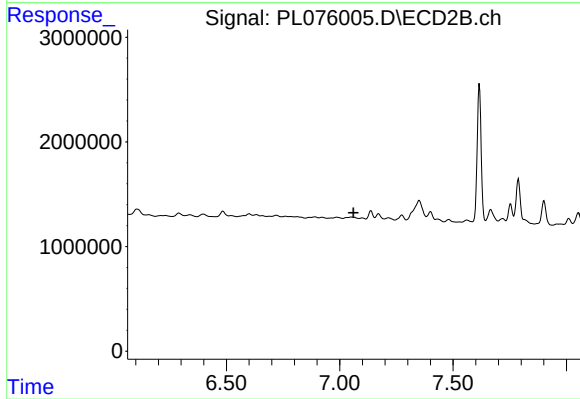
#7 delta-BHC

R.T.: 6.398 min  
Delta R.T.: 0.003 min  
Response: 383770  
Conc: 0.17 ng/ml



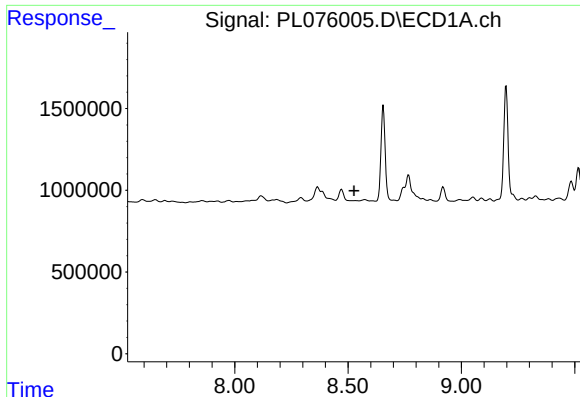
#8 Heptachlor epoxide

R.T.: 8.116 min  
Delta R.T.: -0.003 min  
Response: 572456  
Conc: 0.72 ng/ml



#8 Heptachlor epoxide

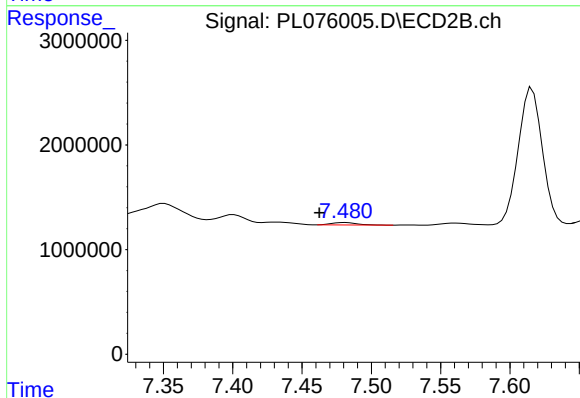
R.T.: 0.000 min  
Exp R.T. : 7.061 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

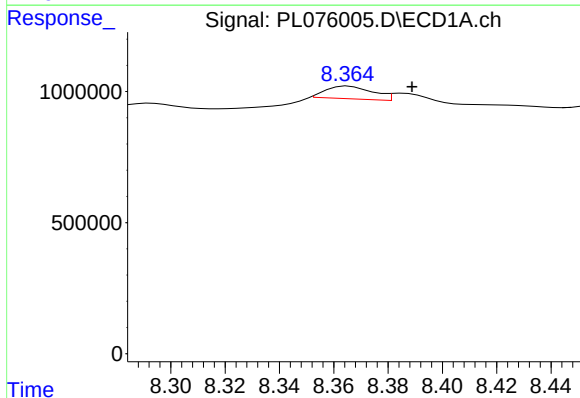
R.T.: 0.000 min  
Exp R.T.: 8.527 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



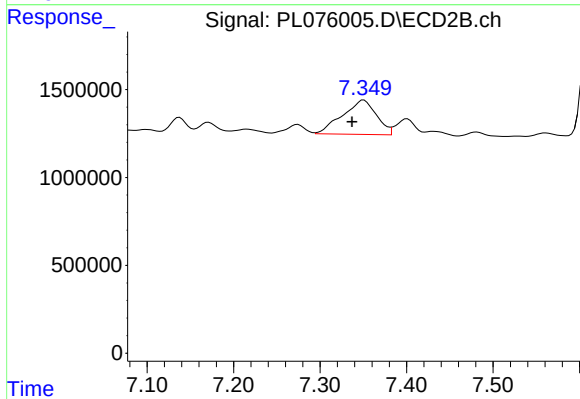
#9 Endosulfan I

R.T.: 7.481 min  
Delta R.T.: 0.018 min  
Response: 299609  
Conc: 0.17 ng/ml



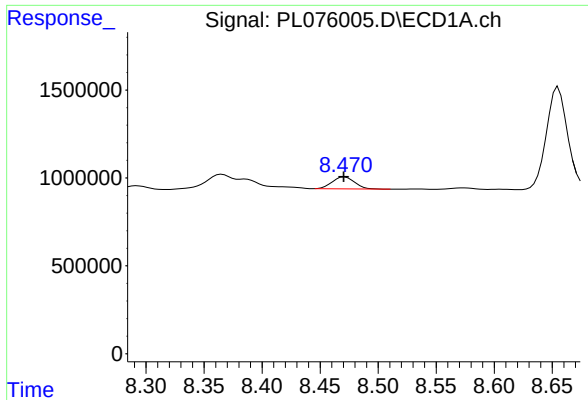
#10 gamma-Chlordane

R.T.: 8.366 min  
Delta R.T.: -0.023 min  
Response: 564618  
Conc: 0.73 ng/ml



#10 gamma-Chlordane

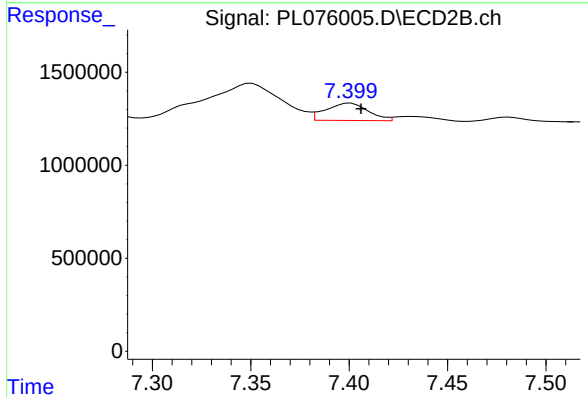
R.T.: 7.350 min  
Delta R.T.: 0.014 min  
Response: 5322316  
Conc: 2.77 ng/ml



#11 alpha-Chlordane

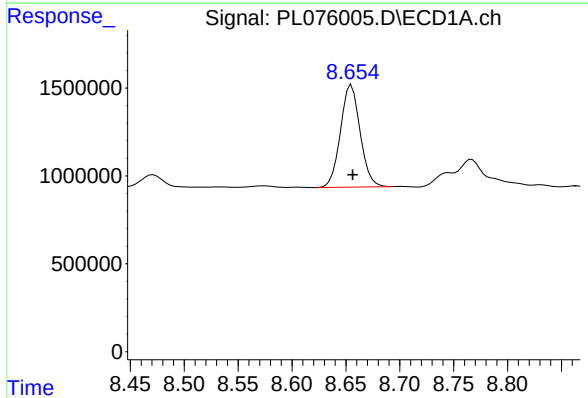
R.T.: 8.471 min  
Delta R.T.: 0.000 min  
Response: 919377  
Conc: 1.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



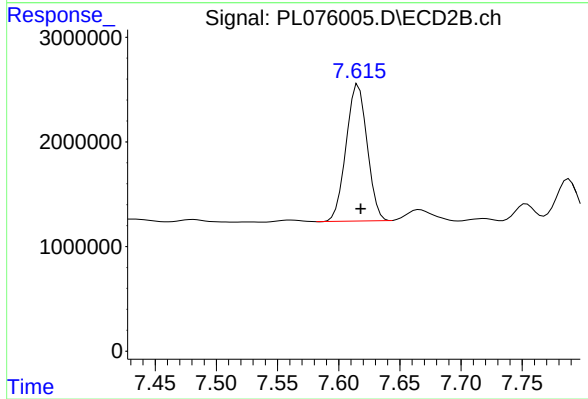
#11 alpha-Chlordane

R.T.: 7.401 min  
Delta R.T.: -0.005 min  
Response: 1403075  
Conc: 0.73 ng/ml



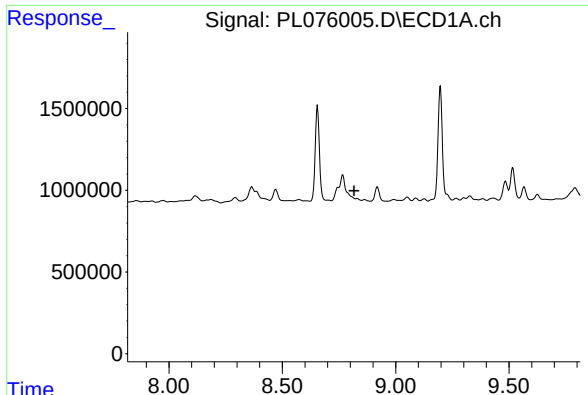
#12 4,4'-DDE

R.T.: 8.655 min  
Delta R.T.: -0.001 min  
Response: 7391630  
Conc: 10.94 ng/ml



#12 4,4'-DDE

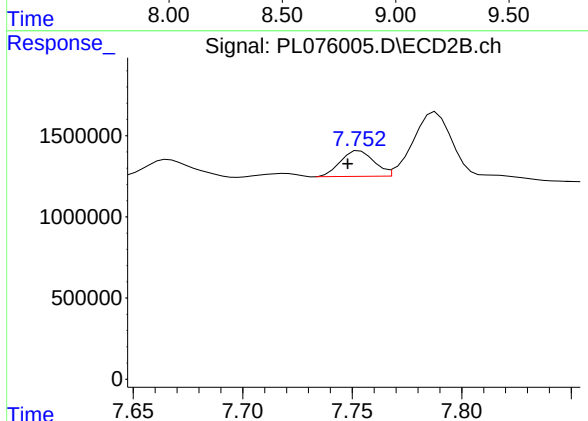
R.T.: 7.616 min  
Delta R.T.: -0.002 min  
Response: 15636762  
Conc: 9.21 ng/ml



#13 Dieldrin

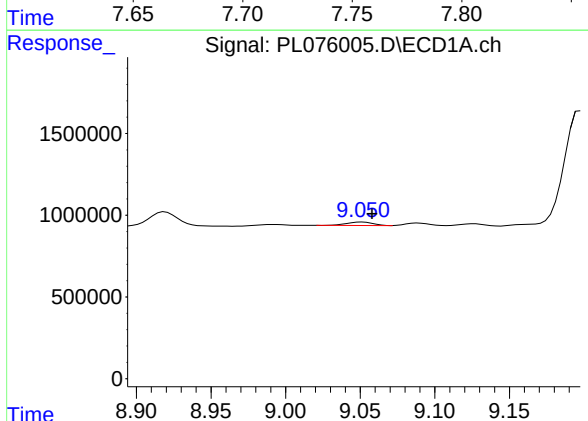
R.T.: 0.000 min  
Exp R.T.: 8.817 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



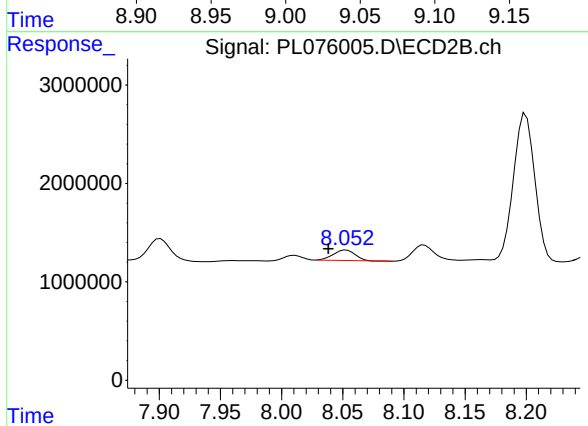
#13 Dieldrin

R.T.: 7.753 min  
Delta R.T.: 0.006 min  
Response: 1678823  
Conc: 0.93 ng/ml



#14 Endrin

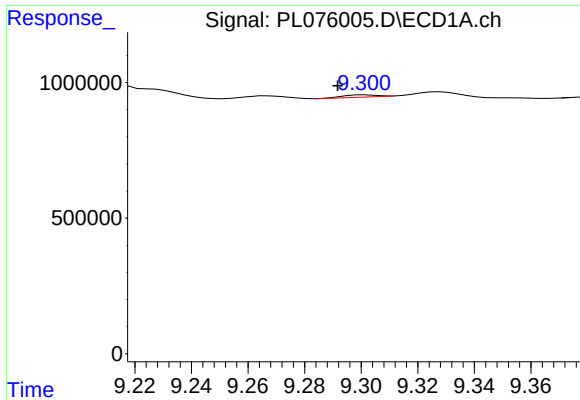
R.T.: 9.051 min  
Delta R.T.: -0.006 min  
Response: 257758  
Conc: 0.41 ng/ml



#14 Endrin

R.T.: 8.053 min  
Delta R.T.: 0.015 min  
Response: 1282364  
Conc: 0.84 ng/ml

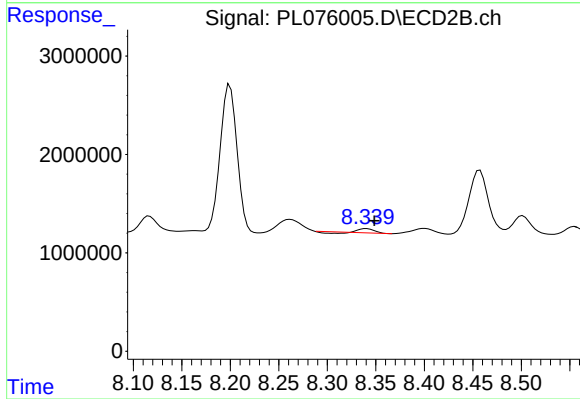




#15 Endosulfan II

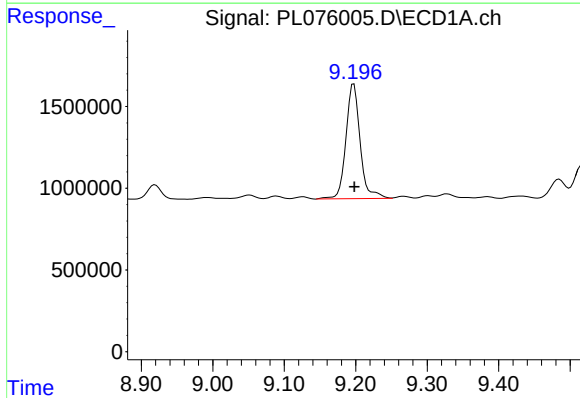
R.T.: 9.301 min  
Delta R.T.: 0.010 min  
Response: 64878  
Conc: 0.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



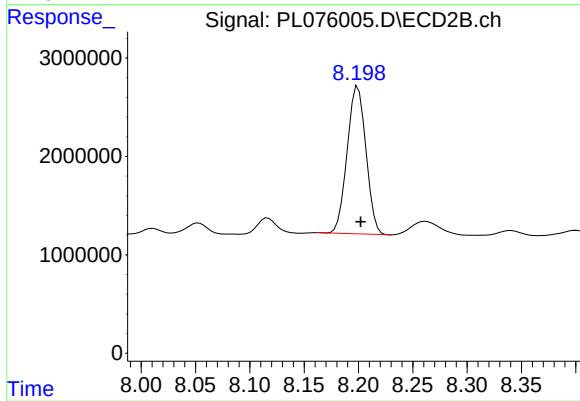
#15 Endosulfan II

R.T.: 8.340 min  
Delta R.T.: -0.008 min  
Response: 361296  
Conc: 0.24 ng/ml



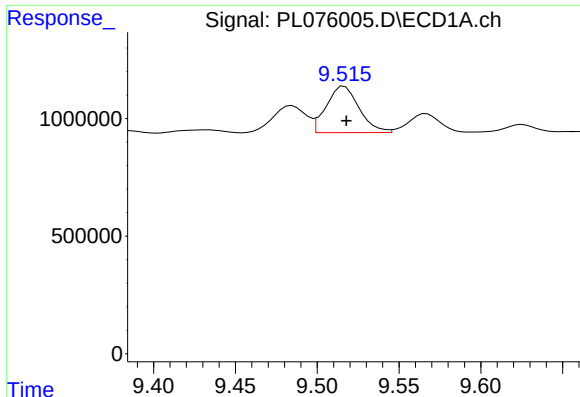
#16 4,4'-DDD

R.T.: 9.197 min  
Delta R.T.: 0.000 min  
Response: 9711818  
Conc: 17.13 ng/ml



#16 4,4'-DDD

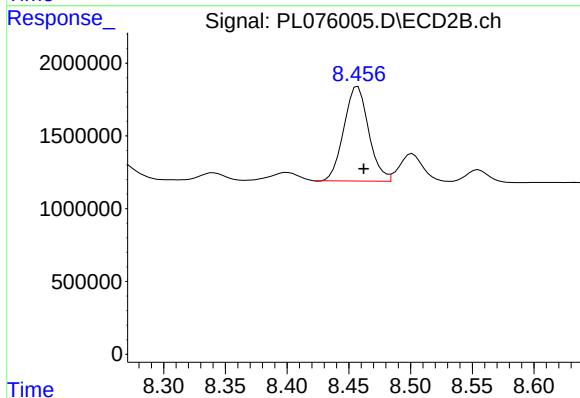
R.T.: 8.200 min  
Delta R.T.: -0.002 min  
Response: 18105275  
Conc: 13.05 ng/ml



#17 4,4'-DDT

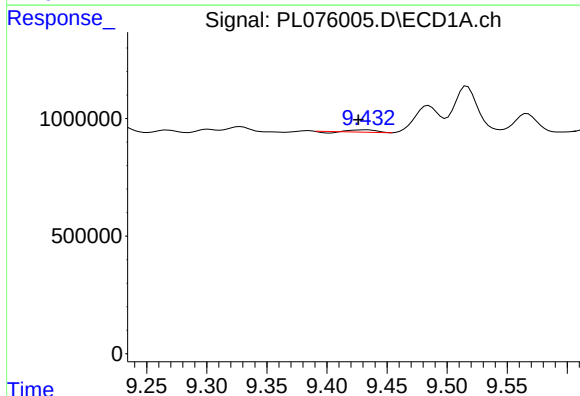
R.T.: 9.517 min  
Delta R.T.: -0.001 min  
Response: 2760747  
Conc: 4.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



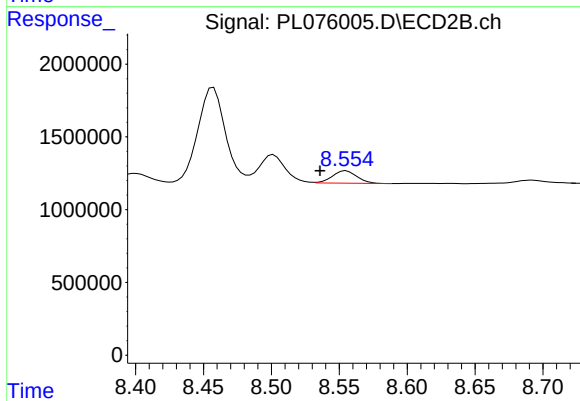
#17 4,4'-DDT

R.T.: 8.457 min  
Delta R.T.: -0.005 min  
Response: 9079758  
Conc: 6.14 ng/ml



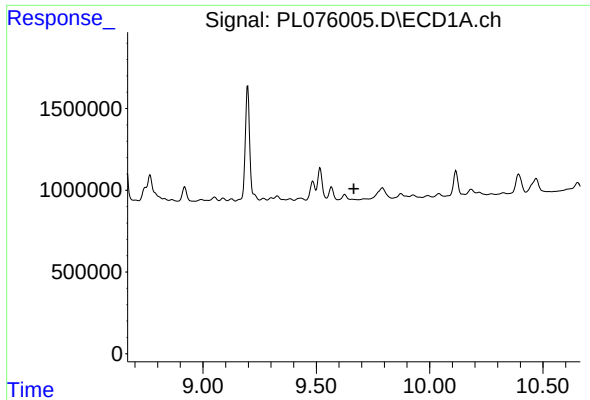
#18 Endrin aldehyde

R.T.: 9.433 min  
Delta R.T.: 0.007 min  
Response: 108120  
Conc: 0.21 ng/ml



#18 Endrin aldehyde

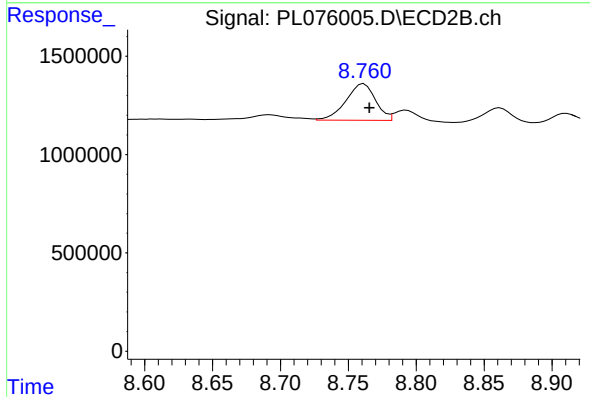
R.T.: 8.555 min  
Delta R.T.: 0.019 min  
Response: 1072814  
Conc: 0.90 ng/ml



#19 Endosulfan Sulfate

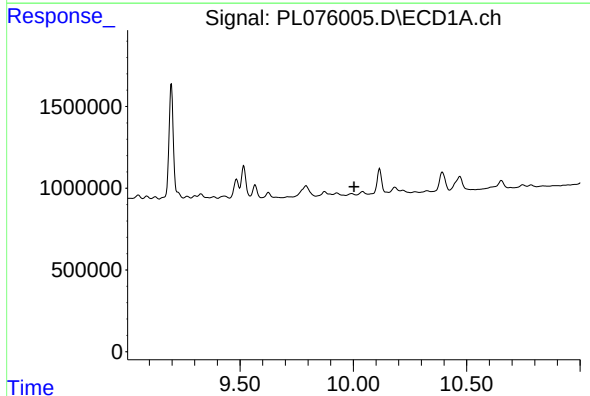
R.T.: 0.000 min  
Exp R.T. : 9.665 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



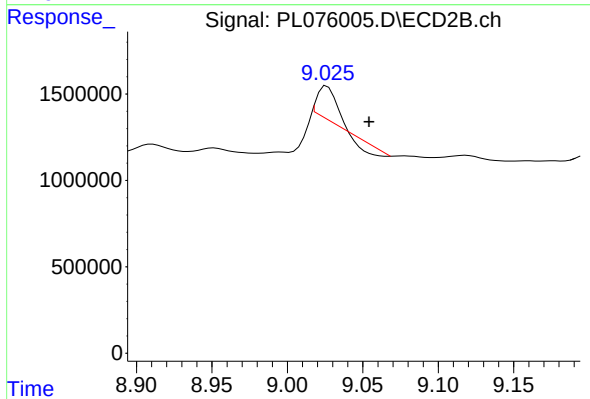
#19 Endosulfan Sulfate

R.T.: 8.761 min  
Delta R.T.: -0.004 min  
Response: 2810049  
Conc: 1.83 ng/ml



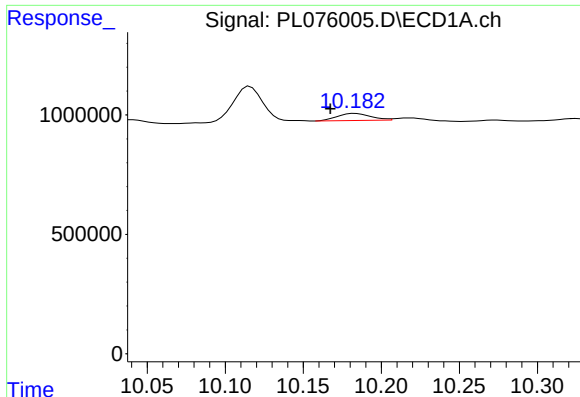
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 10.003 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

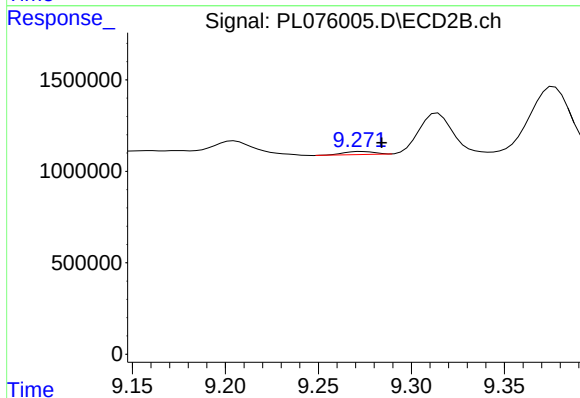
R.T.: 9.026 min  
Delta R.T.: -0.028 min  
Response: 1158426  
Conc: 1.36 ng/ml



#21 Endrin ketone

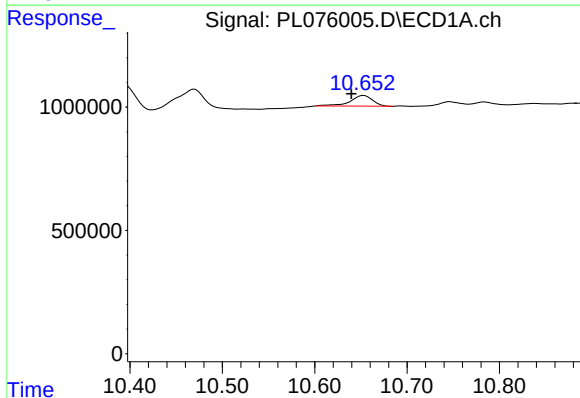
R.T.: 10.183 min  
Delta R.T.: 0.016 min  
Response: 447208  
Conc: 0.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



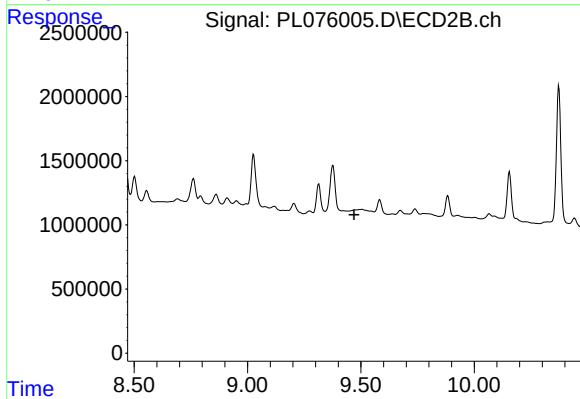
#21 Endrin ketone

R.T.: 9.273 min  
Delta R.T.: -0.011 min  
Response: 193078  
Conc: 0.12 ng/ml



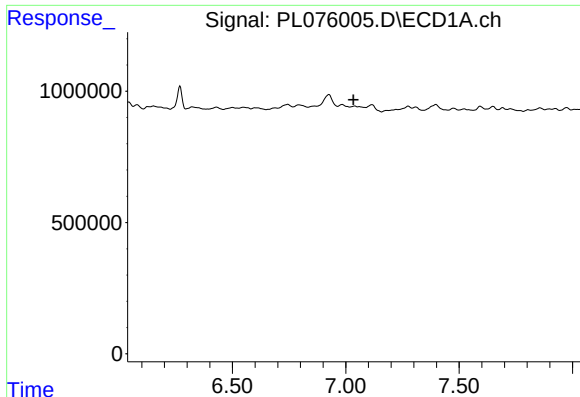
#22 Mirex

R.T.: 10.653 min  
Delta R.T.: 0.014 min  
Response: 737462  
Conc: 1.37 ng/ml



#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 9.470 min  
Response: 0  
Conc: N.D.



# #23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 7.034 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :

# #23 Chlordane-1

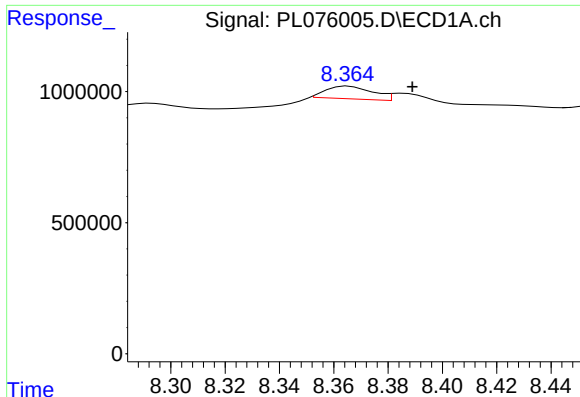
R.T.: 5.951 min  
Delta R.T.: -0.002 min  
Response: 219816  
Conc: 3.93 ng/ml

# #24 Chlordane-2

R.T.: 7.649 min  
Delta R.T.: 0.023 min  
Response: 219082  
Conc: 7.22 ng/ml

# #24 Chlordane-2

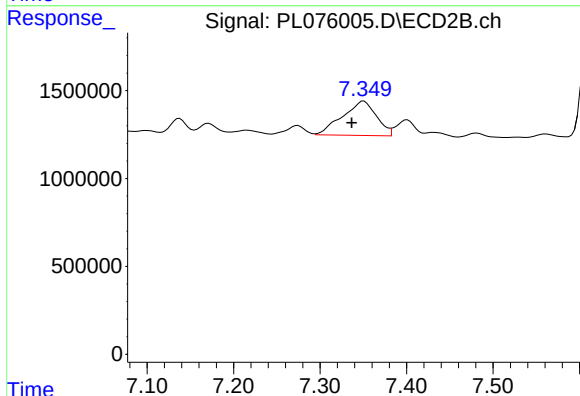
R.T.: 0.000 min  
Exp R.T.: 6.639 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

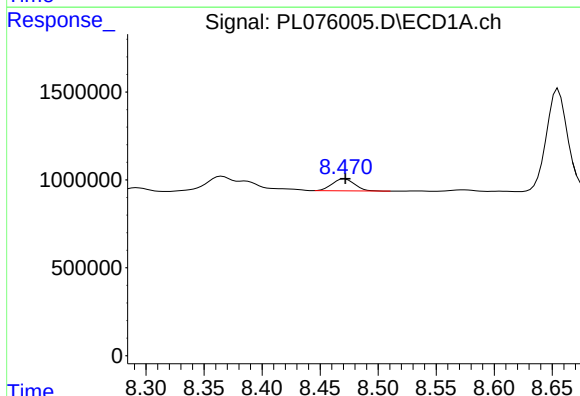
R.T.: 8.366 min  
Delta R.T.: -0.023 min  
Response: 564618  
Conc: 5.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



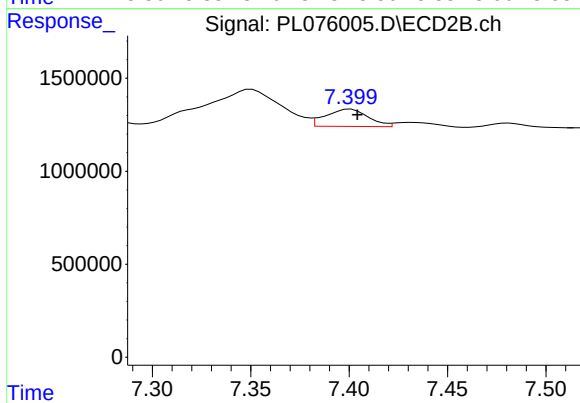
#25 Chlordane-3

R.T.: 7.350 min  
Delta R.T.: 0.014 min  
Response: 5322316  
Conc: 30.18 ng/ml



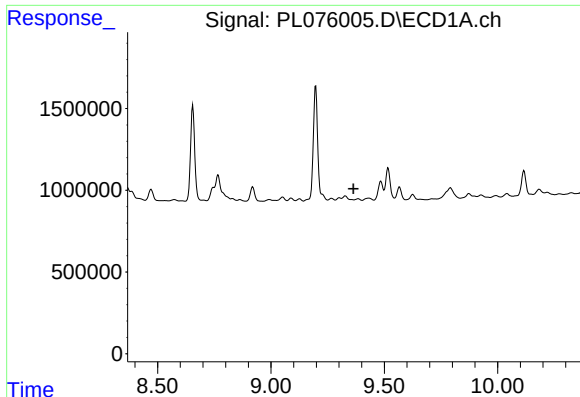
#26 Chlordane-4

R.T.: 8.471 min  
Delta R.T.: 0.000 min  
Response: 919377  
Conc: 7.38 ng/ml



#26 Chlordane-4

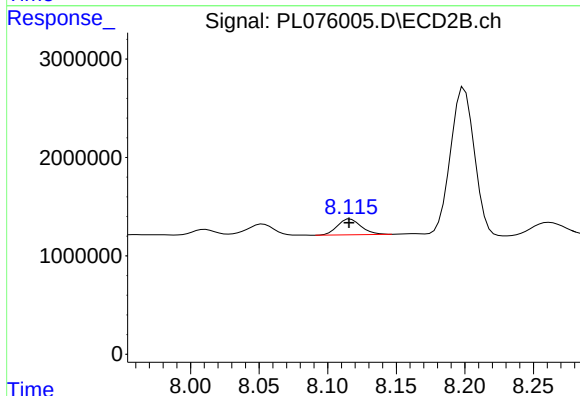
R.T.: 7.401 min  
Delta R.T.: -0.003 min  
Response: 1403075  
Conc: 7.44 ng/ml



#27 Chlordane-5

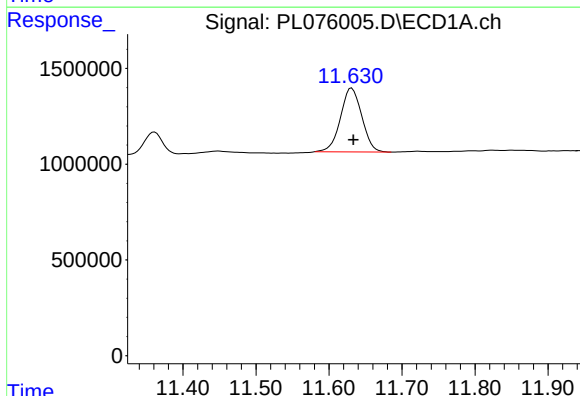
R.T.: 0.000 min  
Exp R.T.: 9.365 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



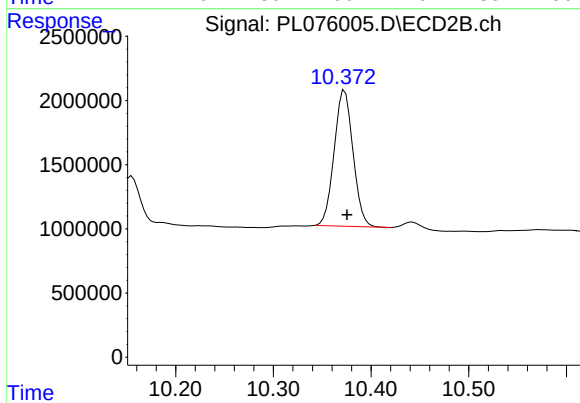
#27 Chlordane-5

R.T.: 8.117 min  
Delta R.T.: 0.000 min  
Response: 1910360  
Conc: 41.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.631 min  
Delta R.T.: -0.003 min  
Response: 6761491  
Conc: 10.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.373 min  
Delta R.T.: -0.002 min  
Response: 14243564  
Conc: 9.27 ng/ml