

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110822\  
 Data File : PL078926.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Nov 2022 18:34  
 Operator : AR\AJ  
 Sample : N5436-13RE  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 08 21:23:32 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... | 3.321  | 2.567  | 39110868  | 25540443 | 20.509  | 10.003 #  |
| 28)                         | SA Decachlor... | 8.767  | 7.634  | 363.2E6   | 408.5E6  | 241.453 | 215.653   |
| Target Compounds            |                 |        |        |           |          |         |           |
| 3)                          | MA gamma-BHC... | 4.113  | 0.000  | 62106738  | 0        | 23.246  | N.D. #    |
| 4)                          | MA Heptachlor   | 4.712f | 3.721  | -16839038 | 431.9E6  | N.D.    | 124.531   |
| 5)                          | MB Aldrin       | 4.998f | 3.998f | 9607647   | 134.5E6  | 3.879   | 38.416 #  |
| 6)                          | B beta-BHC      | 4.337  | 3.670  | 1916566   | 1490385  | 1.664   | 1.039 #   |
| 7)                          | B delta-BHC     | 4.592f | 3.898  | 238.1E6   | 53565687 | 104.562 | 14.711 #  |
| 8)                          | B Heptachlo...  | 5.454  | 4.471  | 121.7E6   | 13833314 | 57.334  | 4.591 #   |
| 9)                          | A Endosulfan I  | 5.828f | 0.000  | 15907318  | 0        | 7.456   | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.712  | 4.702f | 34085429  | 106.7E6  | 15.101  | 34.808 #  |
| 11)                         | B alpha-Chl...  | 5.788  | 4.791  | 29865785  | 43246590 | 12.908  | 14.510    |
| 12)                         | B 4,4'-DDE      | 5.970  | 5.011f | 43575749  | 3652877  | 21.773  | 1.342 #   |
| 13)                         | MA Dieldrin     | 6.113  | 5.103  | 205.0E6   | -5705797 | 95.059  | N.D. #    |
| 14)                         | MA Endrin       | 6.350  | 5.384  | 57987977  | 104.5E6  | 30.555  | 40.111 #  |
| 15)                         | B Endosulfa...  | 6.558f | 5.656  | 496.2E6   | 164.3E6  | 264.461 | 72.185 #  |
| 16)                         | A 4,4'-DDD      | 6.494  | 5.524  | 642.1E6   | 13581407 | 385.153 | 6.184 #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.764  | 0         | 110.3E6  | N.D.    | 50.869 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.059  | 0         | 2083.9E6 | N.D.    | 875.408 # |
| 20)                         | A Methoxychlor  | 7.316f | 0.000  | 117.8E6   | 0        | 127.941 | N.D. #    |
| 22)                         | Mirex           | 7.915f | 6.743  | 1125.8E6  | -3259417 | 771.191 | N.D. #    |
| 23)                         | Chlordane-1     | 4.470  | 3.531  | 34599817  | 7504080  | 441.593 | 74.405 #  |
| 24)                         | Chlordane-2     | 4.998  | 4.099  | 9607647   | 16017445 | 116.113 | 150.503 # |
| 25)                         | Chlordane-3     | 5.712  | 4.702f | 34085429  | 106.7E6  | 102.039 | 349.976 # |
| 26)                         | Chlordane-4     | 5.788  | 4.791  | 29865785  | 43246590 | 72.748  | 132.348 # |
| 27)                         | Chlordane-5     | 6.674f | 5.445  | -4325950  | 711.2E6  | N.D.    | 8720.526  |
| -----                       |                 |        |        |           |          |         |           |

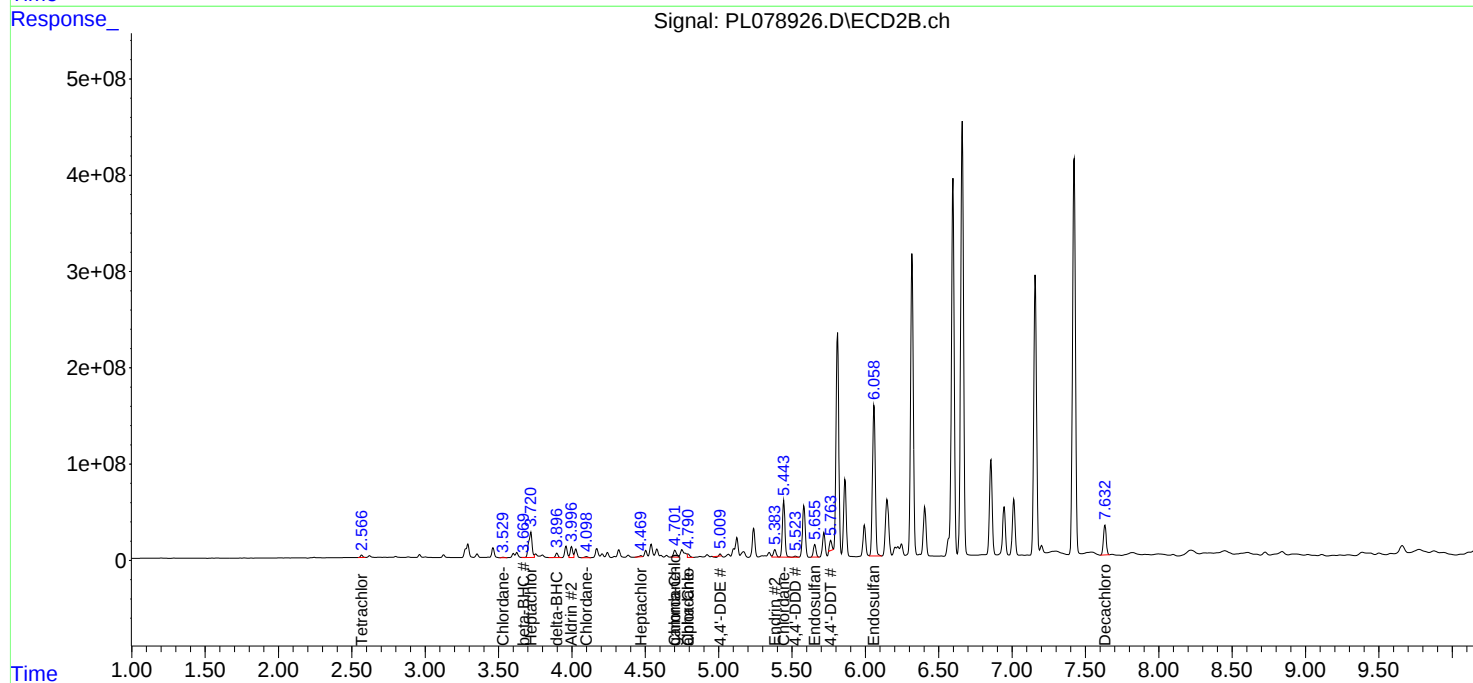
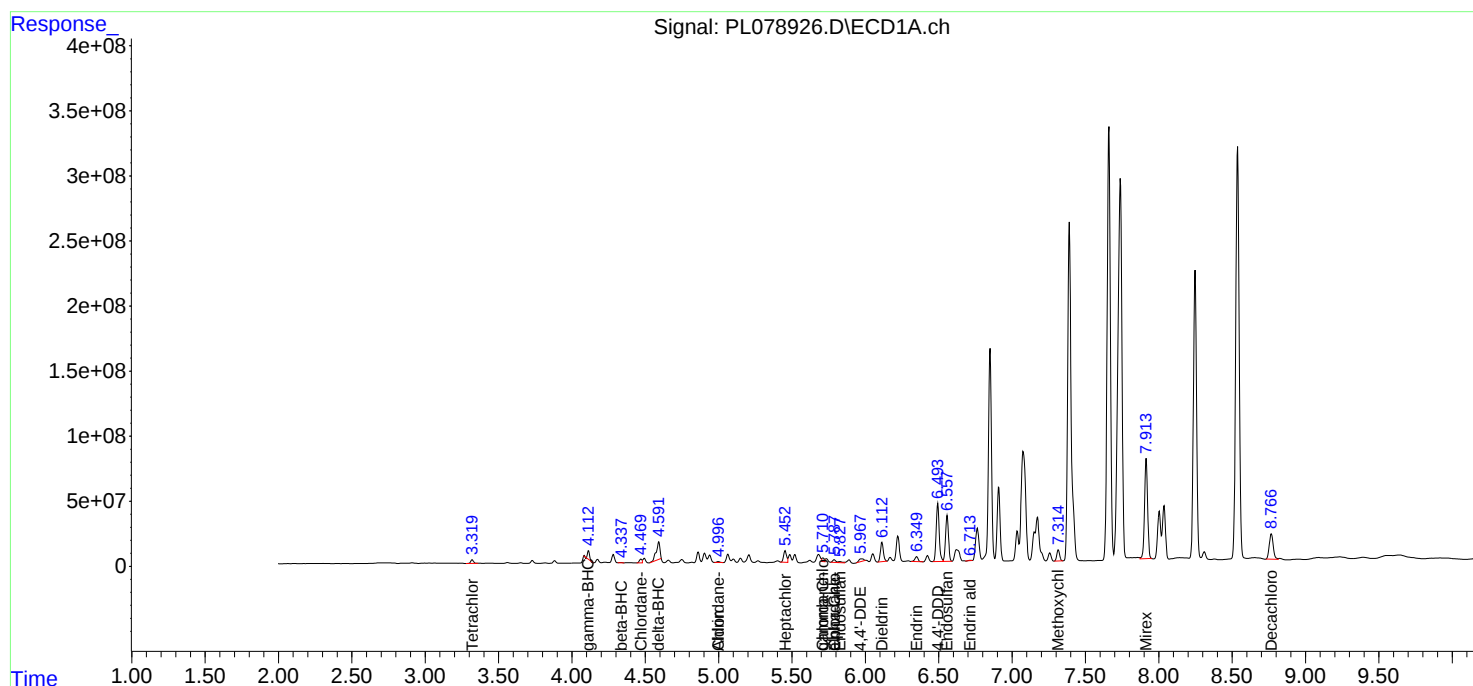
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

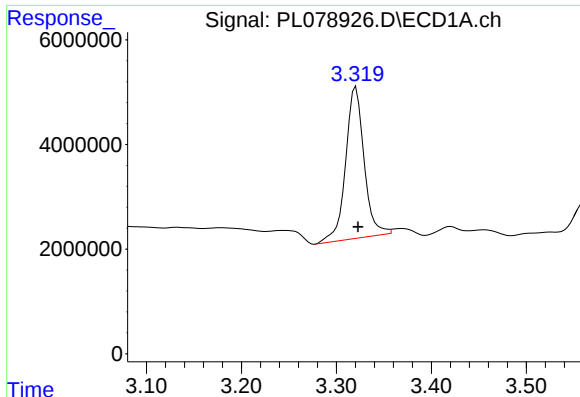
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110822\  
Data File : PL078926.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Nov 2022 18:34  
Operator : AR\AJ  
Sample : N5436-13RE  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 08 21:23:32 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

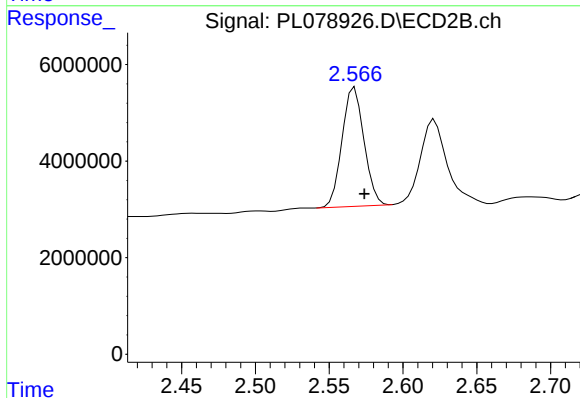




#1 Tetrachloro-m-xylene

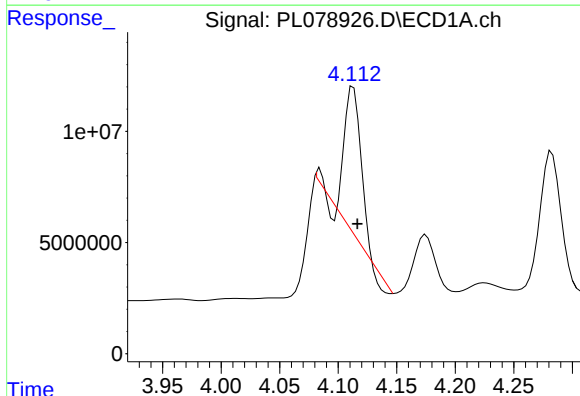
R.T.: 3.321 min  
Delta R.T.: -0.002 min  
Response: 39110868  
Conc: 20.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



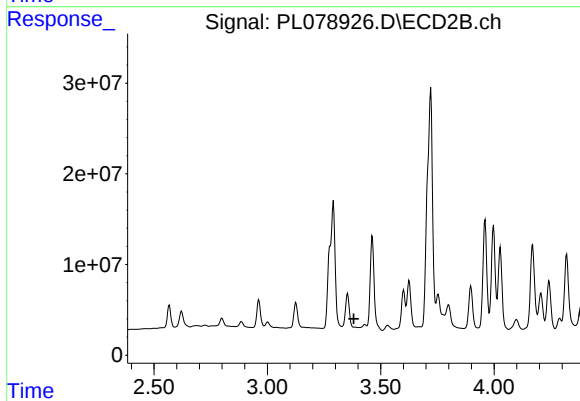
#1 Tetrachloro-m-xylene

R.T.: 2.567 min  
Delta R.T.: -0.007 min  
Response: 25540443  
Conc: 10.00 ng/ml



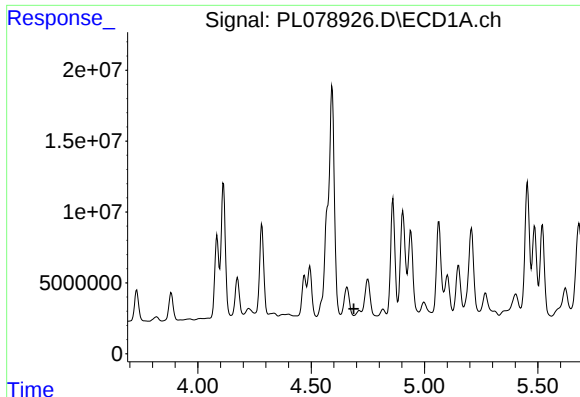
#3 gamma-BHC (Lindane)

R.T.: 4.113 min  
Delta R.T.: -0.003 min  
Response: 62106738  
Conc: 23.25 ng/ml



#3 gamma-BHC (Lindane)

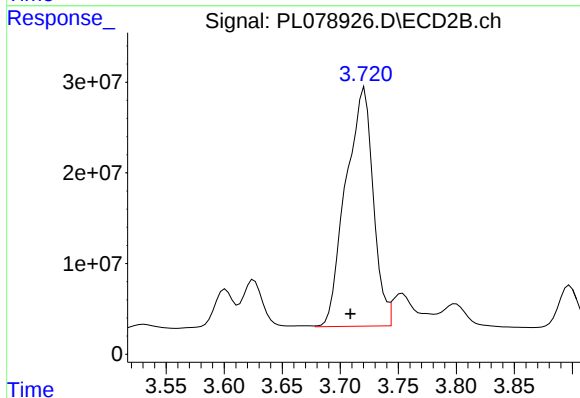
R.T.: 0.000 min  
Exp R.T. : 3.382 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

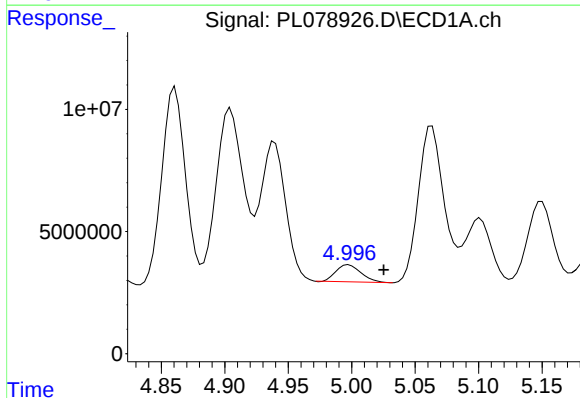
R.T.: 4.712 min  
Delta R.T.: 0.025 min  
Response: -16839038  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



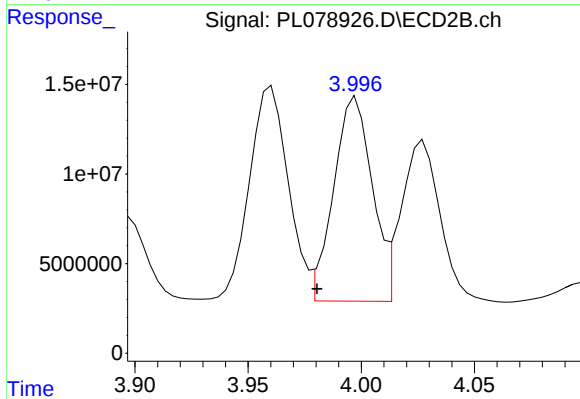
#4 Heptachlor

R.T.: 3.721 min  
Delta R.T.: 0.012 min  
Response: 431850929  
Conc: 124.53 ng/ml



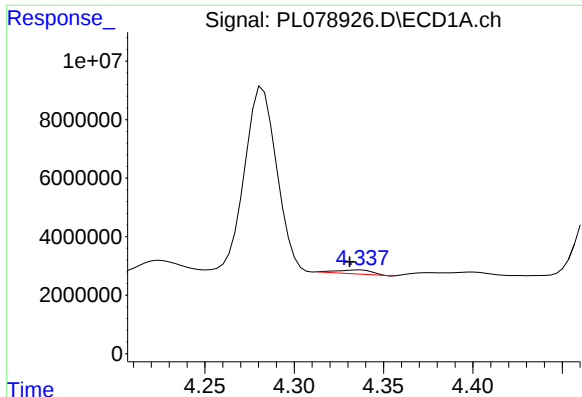
#5 Aldrin

R.T.: 4.998 min  
Delta R.T.: -0.028 min  
Response: 9607647  
Conc: 3.88 ng/ml



#5 Aldrin

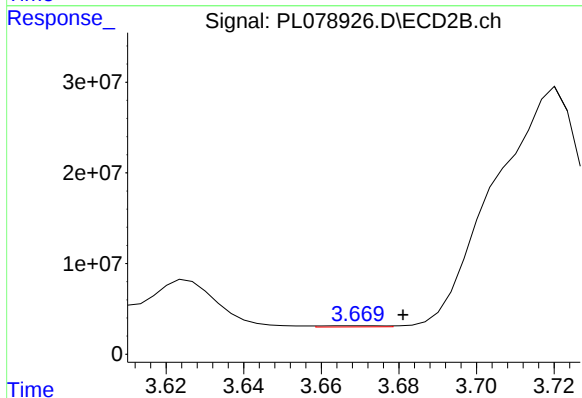
R.T.: 3.998 min  
Delta R.T.: 0.017 min  
Response: 134519826  
Conc: 38.42 ng/ml



#6 beta-BHC

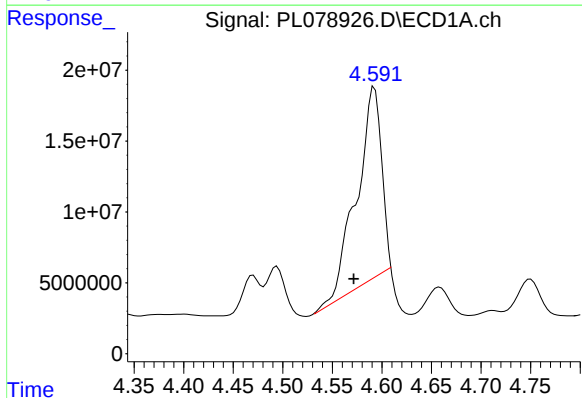
R.T.: 4.337 min  
Delta R.T.: 0.006 min  
Response: 1916566  
Conc: 1.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



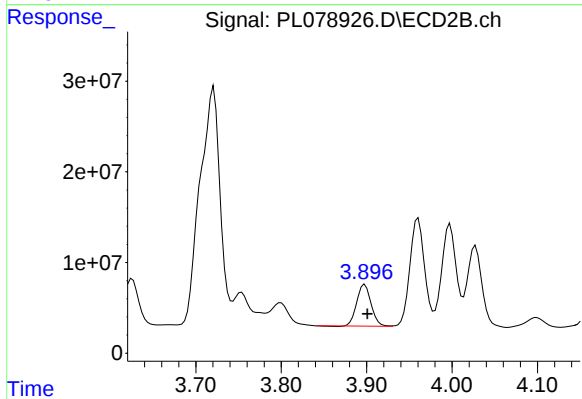
#6 beta-BHC

R.T.: 3.670 min  
Delta R.T.: -0.011 min  
Response: 1490385  
Conc: 1.04 ng/ml



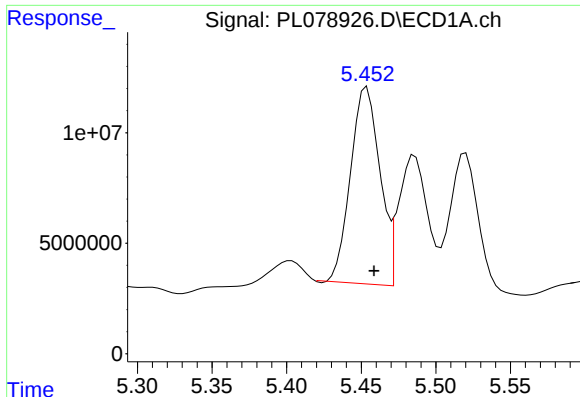
#7 delta-BHC

R.T.: 4.592 min  
Delta R.T.: 0.021 min  
Response: 238072918  
Conc: 104.56 ng/ml



#7 delta-BHC

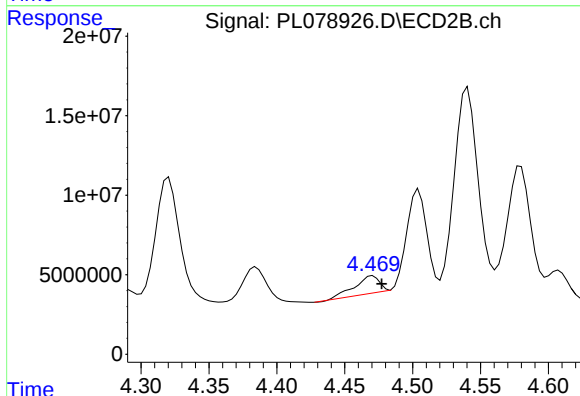
R.T.: 3.898 min  
Delta R.T.: -0.003 min  
Response: 53565687  
Conc: 14.71 ng/ml



#8 Heptachlor epoxide

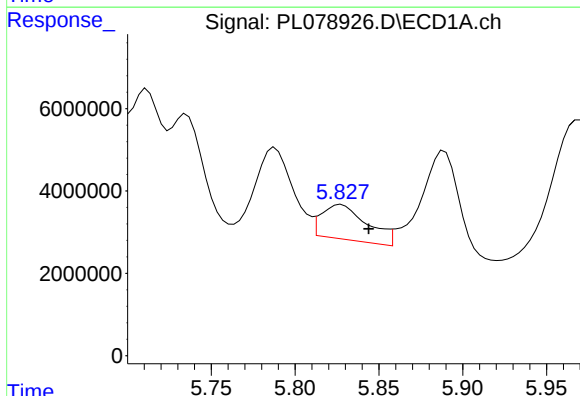
R.T.: 5.454 min  
Delta R.T.: -0.005 min  
Response: 121721276  
Conc: 57.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



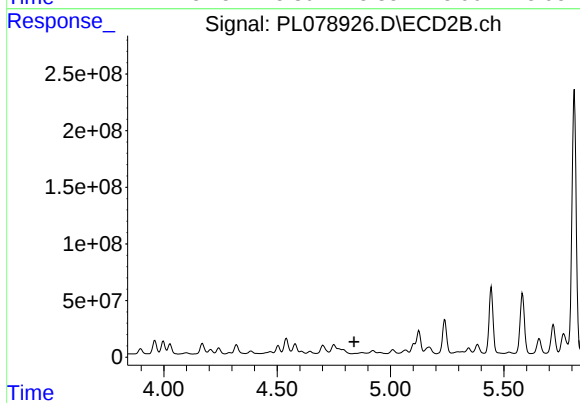
#8 Heptachlor epoxide

R.T.: 4.471 min  
Delta R.T.: -0.007 min  
Response: 13833314  
Conc: 4.59 ng/ml



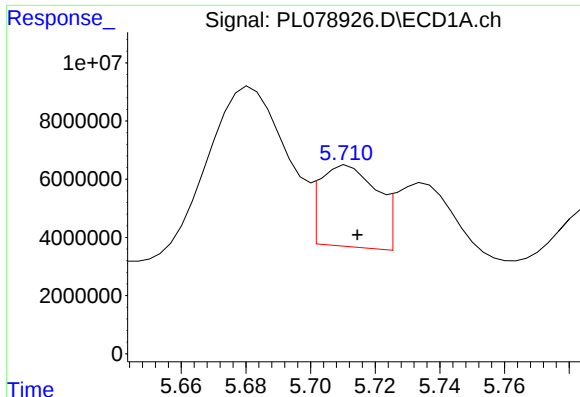
#9 Endosulfan I

R.T.: 5.828 min  
Delta R.T.: -0.016 min  
Response: 15907318  
Conc: 7.46 ng/ml



#9 Endosulfan I

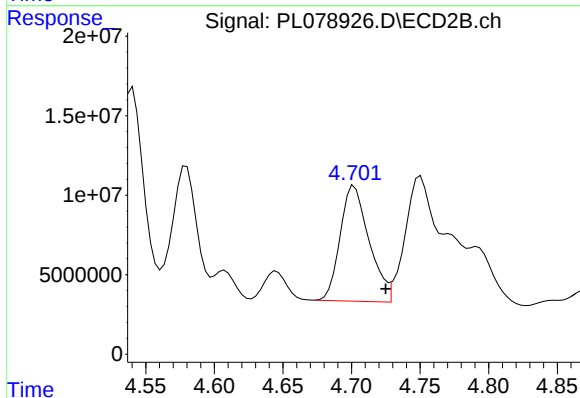
R.T.: 0.000 min  
Exp R.T.: 4.840 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

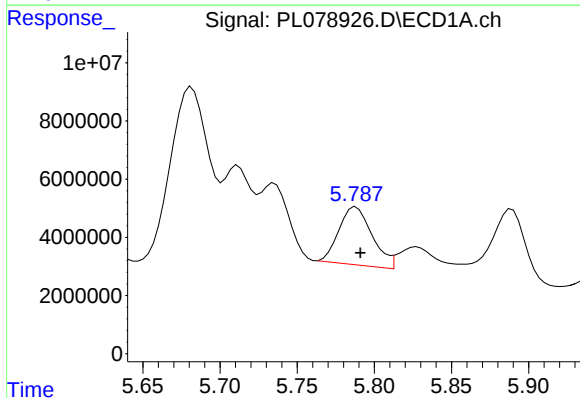
R.T.: 5.712 min  
Delta R.T.: -0.003 min  
Response: 34085429  
Conc: 15.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



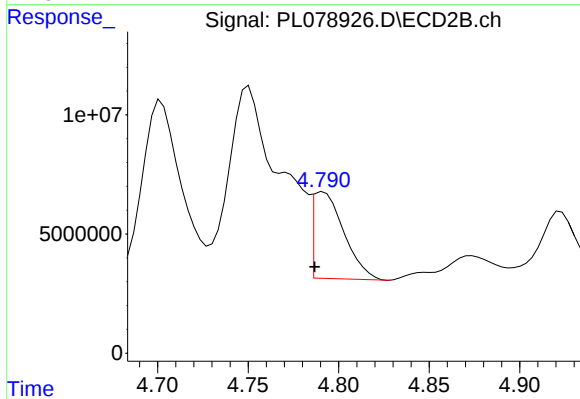
#10 gamma-Chlordane

R.T.: 4.702 min  
Delta R.T.: -0.023 min  
Response: 106667339  
Conc: 34.81 ng/ml



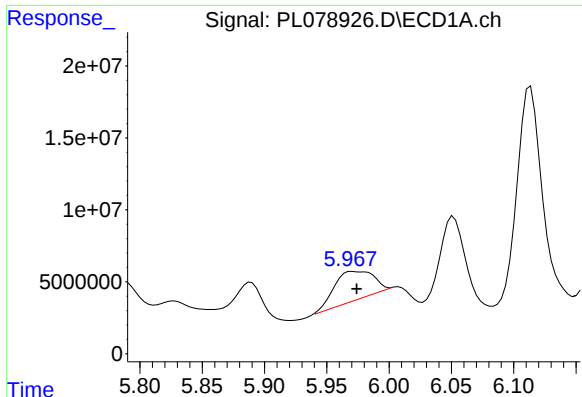
#11 alpha-Chlordane

R.T.: 5.788 min  
Delta R.T.: -0.003 min  
Response: 29865785  
Conc: 12.91 ng/ml



#11 alpha-Chlordane

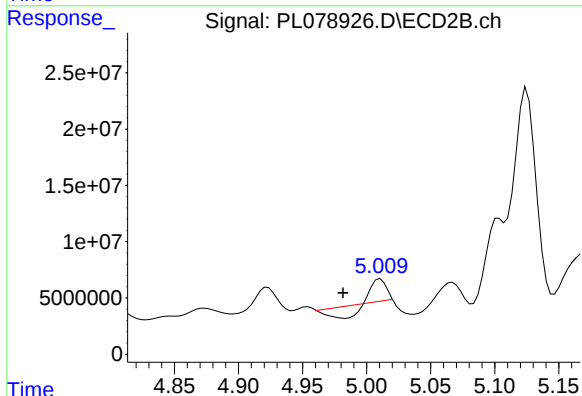
R.T.: 4.791 min  
Delta R.T.: 0.005 min  
Response: 43246590  
Conc: 14.51 ng/ml



#12 4,4'-DDE

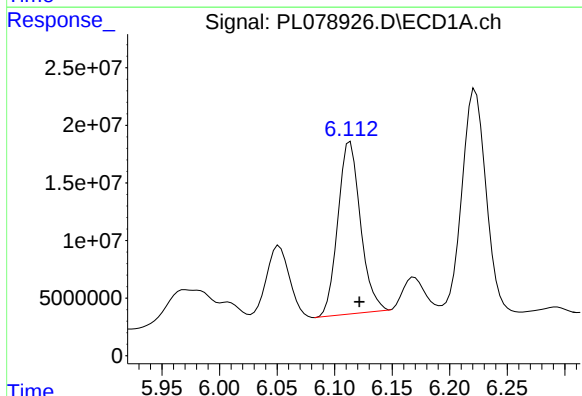
R.T.: 5.970 min  
Delta R.T.: -0.004 min  
Response: 43575749  
Conc: 21.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



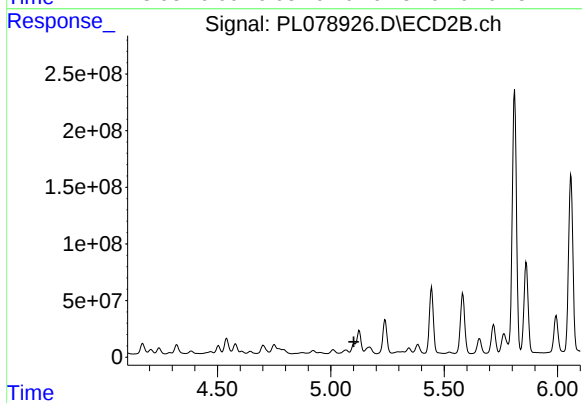
#12 4,4'-DDE

R.T.: 5.011 min  
Delta R.T.: 0.029 min  
Response: 3652877  
Conc: 1.34 ng/ml



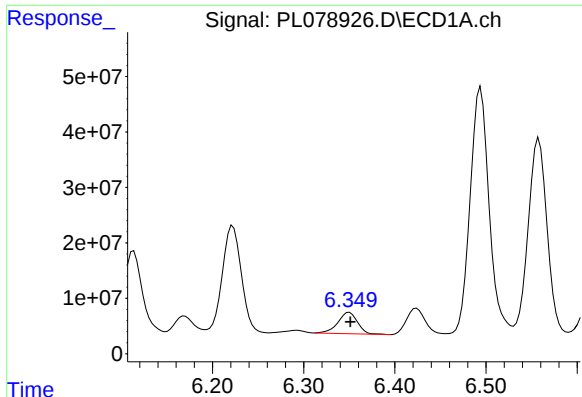
#13 Dieldrin

R.T.: 6.113 min  
Delta R.T.: -0.008 min  
Response: 204995916  
Conc: 95.06 ng/ml



#13 Dieldrin

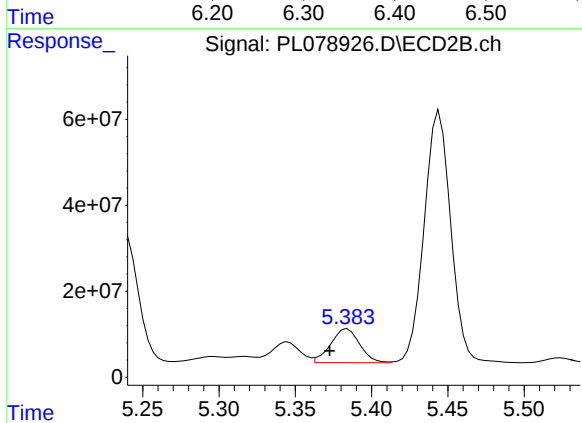
R.T.: 5.103 min  
Delta R.T.: 0.002 min  
Response: -5705797  
Conc: N.D.



#14 Endrin

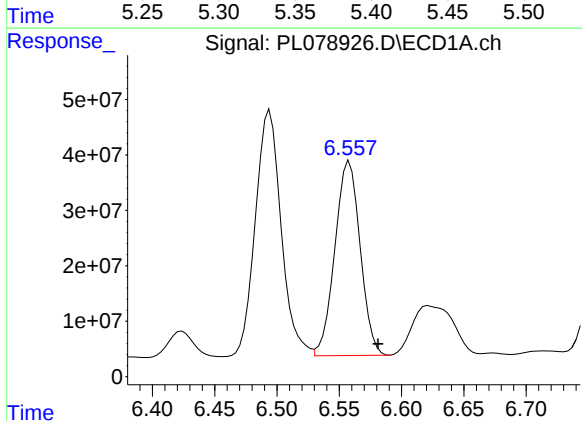
R.T.: 6.350 min  
Delta R.T.: -0.001 min  
Response: 57987977  
Conc: 30.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



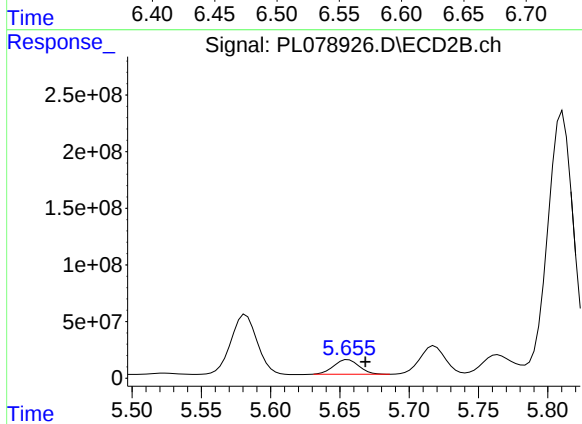
#14 Endrin

R.T.: 5.384 min  
Delta R.T.: 0.012 min  
Response: 104498160  
Conc: 40.11 ng/ml



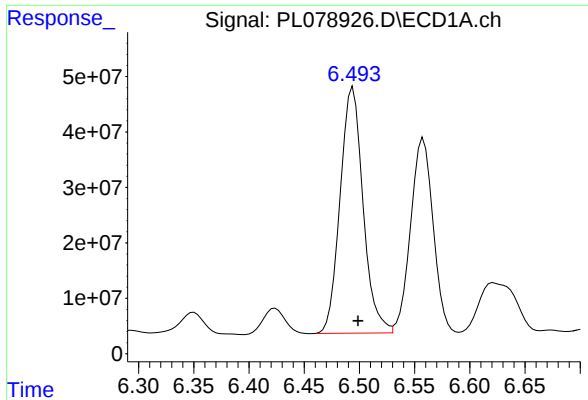
#15 Endosulfan II

R.T.: 6.558 min  
Delta R.T.: -0.023 min  
Response: 496172027  
Conc: 264.46 ng/ml



#15 Endosulfan II

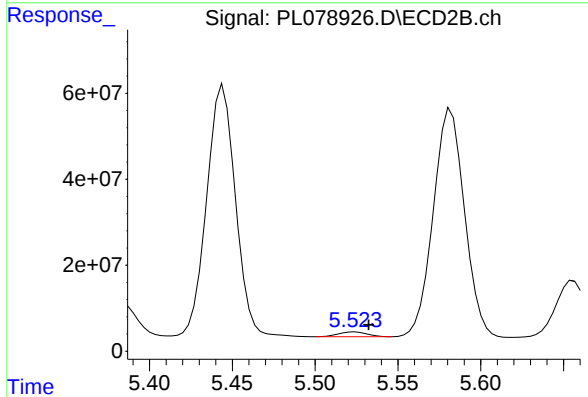
R.T.: 5.656 min  
Delta R.T.: -0.013 min  
Response: 164312570  
Conc: 72.19 ng/ml



#16 4,4'-DDD

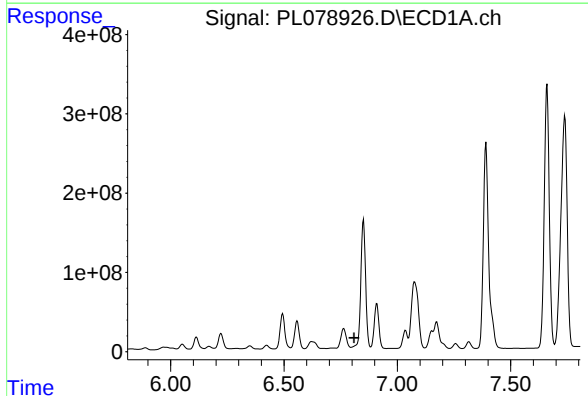
R.T.: 6.494 min  
Delta R.T.: -0.005 min  
Response: 642059623  
Conc: 385.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



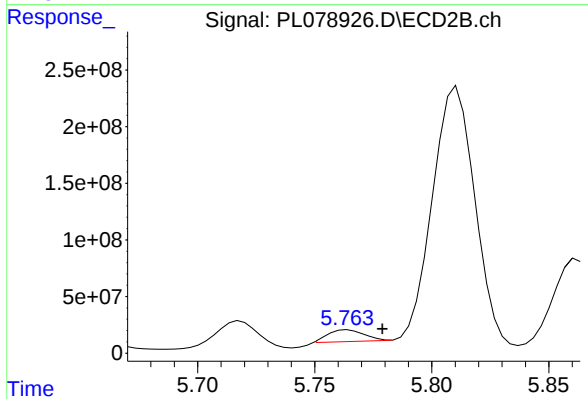
#16 4,4'-DDD

R.T.: 5.524 min  
Delta R.T.: -0.008 min  
Response: 13581407  
Conc: 6.18 ng/ml



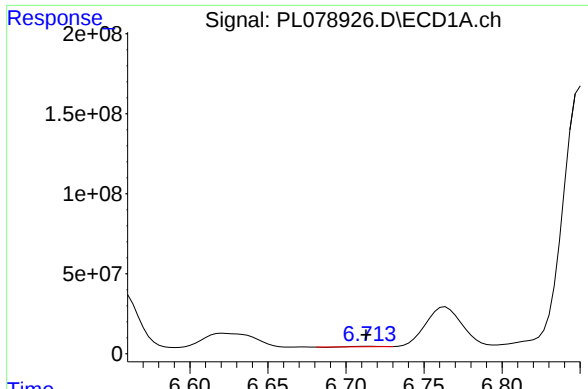
#17 4,4'-DDT

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



#17 4,4'-DDT

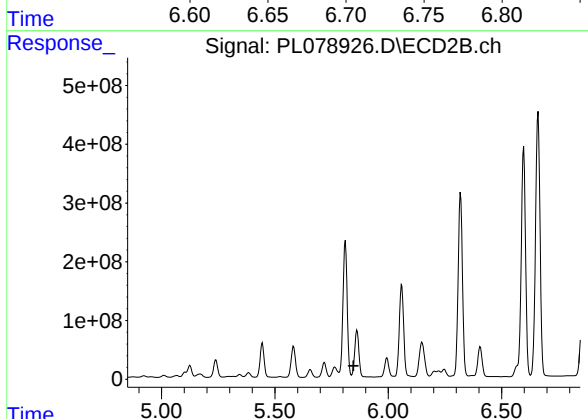
R.T.: 5.764 min  
Delta R.T.: -0.015 min  
Response: 110340305  
Conc: 50.87 ng/ml



#18 Endrin aldehyde

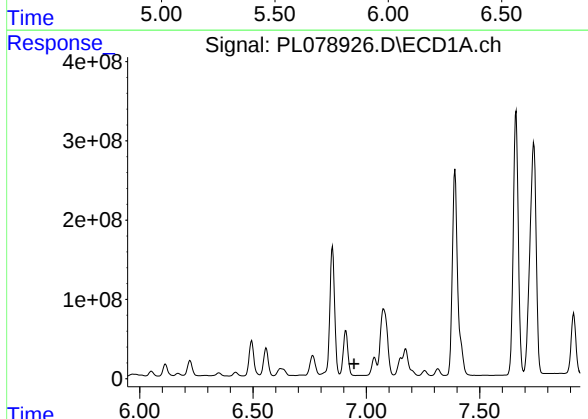
R.T.: 6.715 min  
Delta R.T.: 0.002 min  
Response: 2557460  
Conc: 1.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



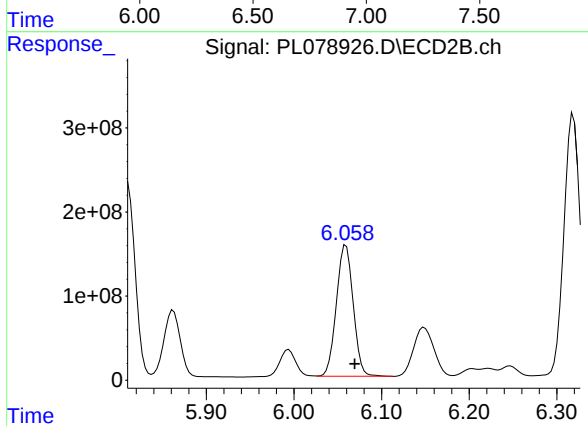
#18 Endrin aldehyde

R.T.: 5.862 min  
Delta R.T.: 0.015 min  
Response: -4439439973  
Conc: N.D.



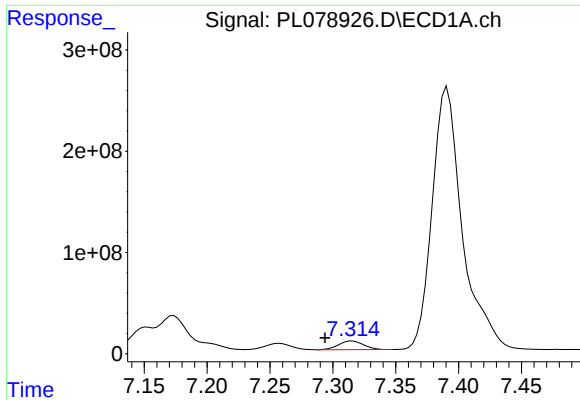
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

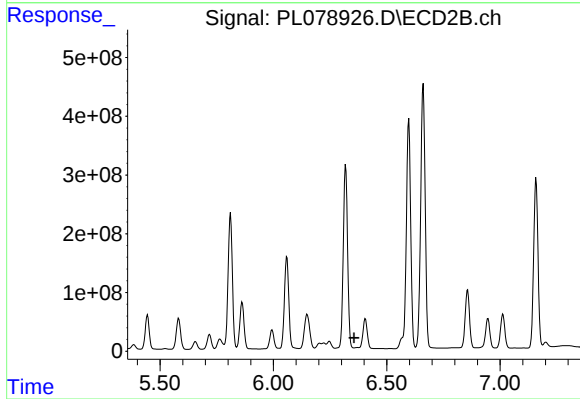
R.T.: 6.059 min  
Delta R.T.: -0.010 min  
Response: 2083901044  
Conc: 875.41 ng/ml



#20 Methoxychlor

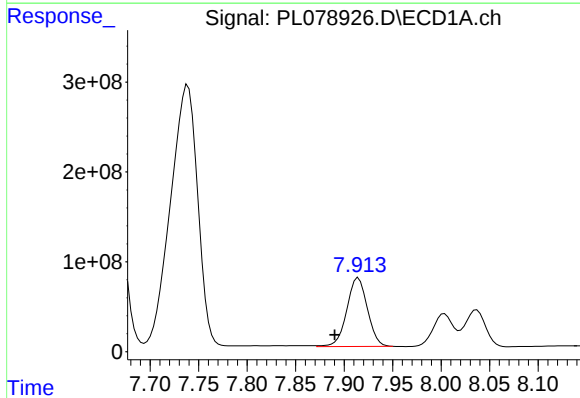
R.T.: 7.316 min  
Delta R.T.: 0.022 min  
Response: 117819594  
Conc: 127.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



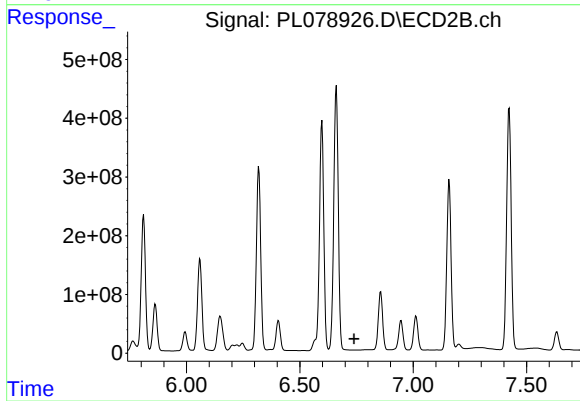
#20 Methoxychlor

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



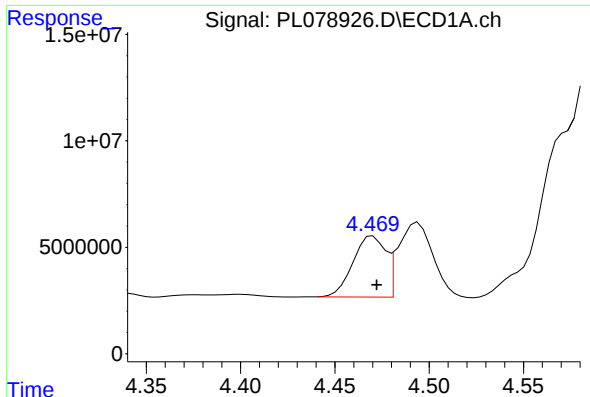
#22 Mirex

R.T.: 7.915 min  
Delta R.T.: 0.024 min  
Response: 1125799085  
Conc: 771.19 ng/ml



#22 Mirex

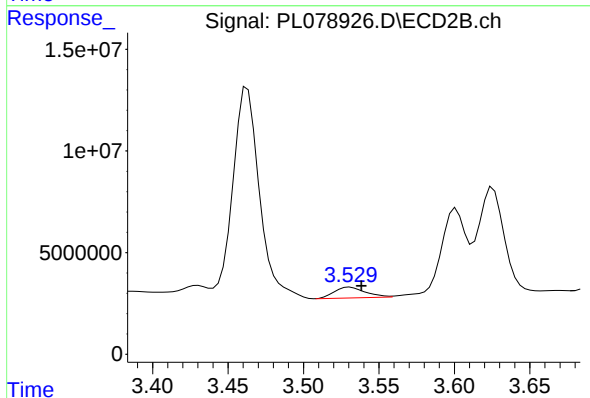
R.T.: 6.743 min  
Delta R.T.: 0.004 min  
Response: -3259417  
Conc: N.D.



#23 Chlordane-1

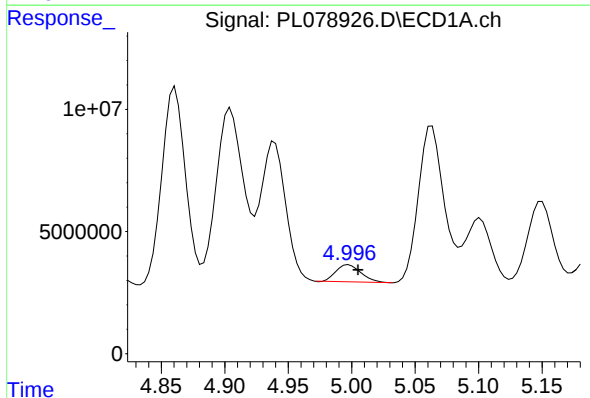
R.T.: 4.470 min  
Delta R.T.: -0.002 min  
Response: 34599817  
Conc: 441.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



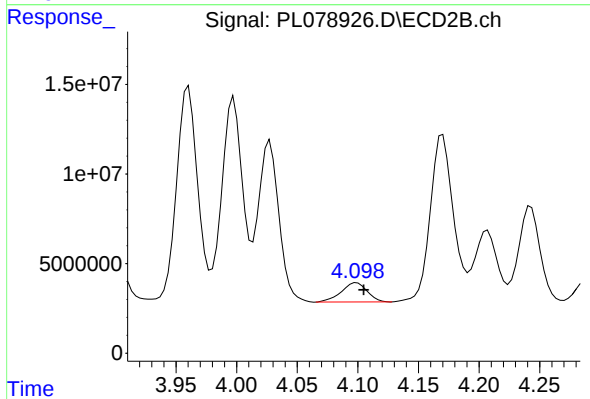
#23 Chlordane-1

R.T.: 3.531 min  
Delta R.T.: -0.007 min  
Response: 7504080  
Conc: 74.40 ng/ml



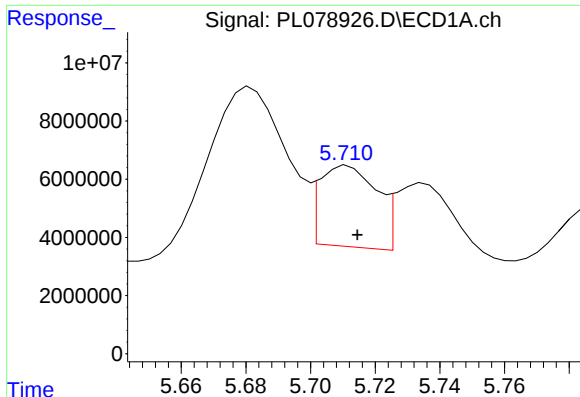
#24 Chlordane-2

R.T.: 4.998 min  
Delta R.T.: -0.008 min  
Response: 9607647  
Conc: 116.11 ng/ml



#24 Chlordane-2

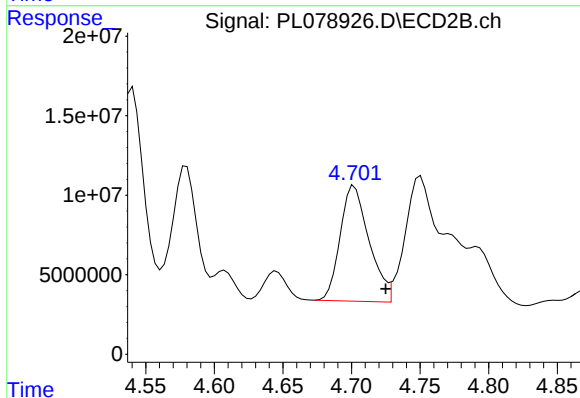
R.T.: 4.099 min  
Delta R.T.: -0.006 min  
Response: 16017445  
Conc: 150.50 ng/ml



#25 Chlordane-3

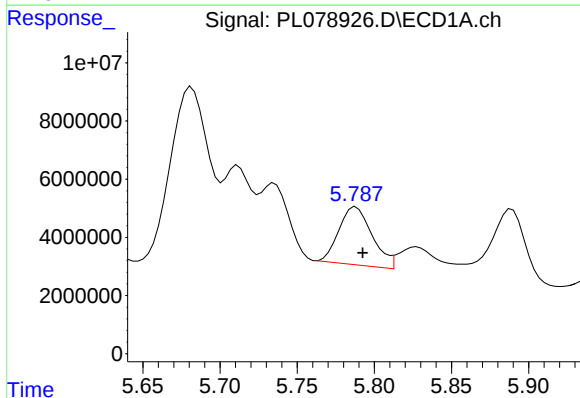
R.T.: 5.712 min  
Delta R.T.: -0.003 min  
Response: 34085429  
Conc: 102.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



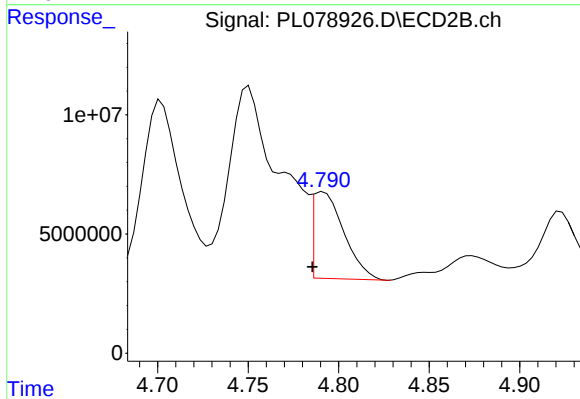
#25 Chlordane-3

R.T.: 4.702 min  
Delta R.T.: -0.023 min  
Response: 106667339  
Conc: 349.98 ng/ml



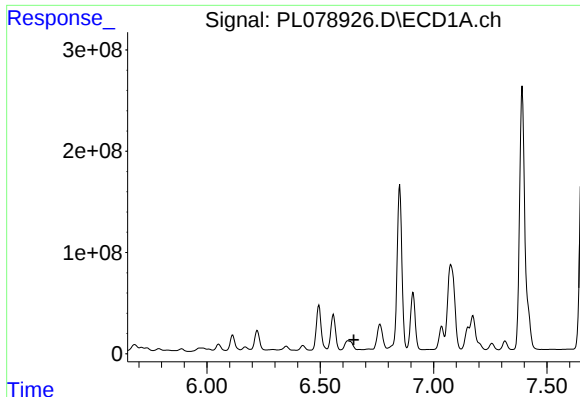
#26 Chlordane-4

R.T.: 5.788 min  
Delta R.T.: -0.004 min  
Response: 29865785  
Conc: 72.75 ng/ml



#26 Chlordane-4

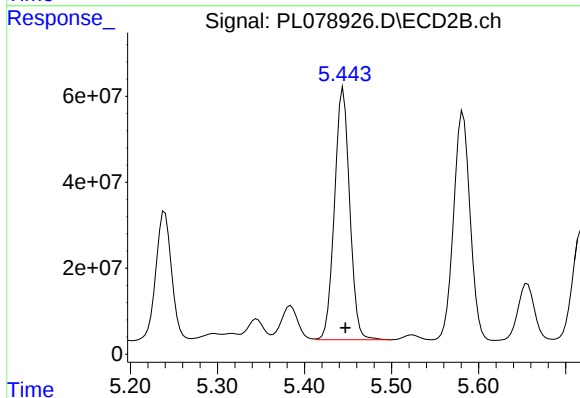
R.T.: 4.791 min  
Delta R.T.: 0.006 min  
Response: 43246590  
Conc: 132.35 ng/ml



#27 Chlordane-5

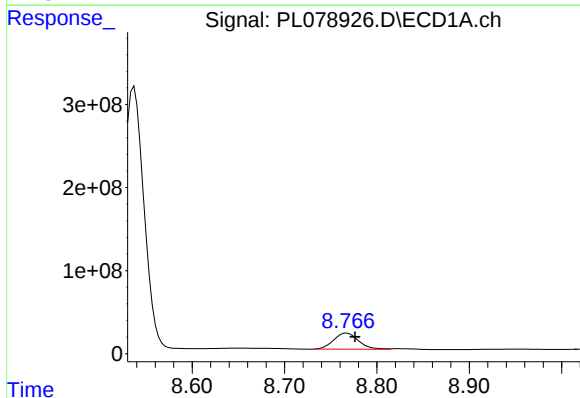
R.T.: 6.674 min  
Delta R.T.: 0.025 min  
Response: -4325950  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



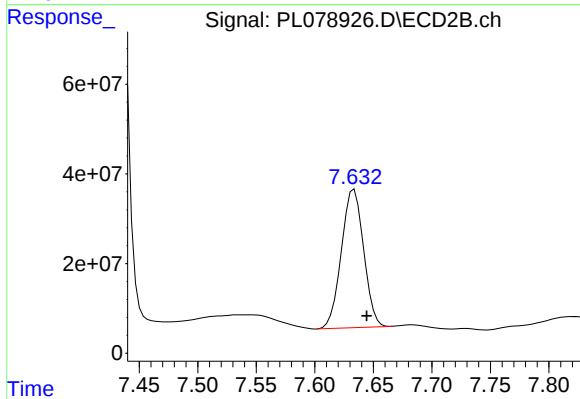
#27 Chlordane-5

R.T.: 5.445 min  
Delta R.T.: -0.002 min  
Response: 711213346  
Conc: 8720.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.767 min  
Delta R.T.: -0.009 min  
Response: 363232124  
Conc: 241.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.634 min  
Delta R.T.: -0.011 min  
Response: 408469802  
Conc: 215.65 ng/ml