

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090922\  
 Data File : PL077622.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Sep 2022 12:19  
 Operator : AR\AJ  
 Sample : N4514-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 EO-02-090622

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 14:02:29 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090722.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 07 14:34:08 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... | 3.417  | 2.629  | 17420189 | 28966272 | 10.189 | 10.947   |
| 2)                          | SA Decachlor... | 8.907  | 7.727  | 16773607 | 24336840 | 11.183 | 12.341   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.902f | 3.140f | 615848   | -138394  | 0.240  | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.215  | 0.000  | 302154   | 0        | 0.126  | N.D. #   |
| 4)                          | MA Heptachlor   | 0.000  | 3.798f | 0        | 127243   | N.D.   | 0.038 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.059  | 0        | 667134   | N.D.   | 0.211 #  |
| 6)                          | B beta-BHC      | 4.424  | 3.746  | 783407   | -82115   | 0.764  | N.D. #   |
| 7)                          | B delta-BHC     | 4.672  | 3.972  | 593755   | 687574   | 0.315  | 0.194 #  |
| 8)                          | B Heptachlo...  | 5.568  | 0.000  | 355649   | 0        | 0.222  | N.D. #   |
| 9)                          | A Endosulfan I  | 5.951  | 0.000  | 233305   | 0        | 0.133  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.820  | 4.783f | 1295146  | 1183515  | 0.691  | 0.423 #  |
| 11)                         | B alpha-Chl...  | 5.900  | 0.000  | 1499427  | 0        | 0.795  | N.D. #   |
| 12)                         | B 4,4'-DDE      | 6.075  | 5.056  | 1558879  | 3224761  | 0.890  | 1.188 #  |
| 13)                         | MA Dieldrin     | 6.223  | 5.184  | 371952   | 1342442  | 0.203  | 0.490 #  |
| 14)                         | MA Endrin       | 0.000  | 5.469f | 0        | 1097338  | N.D.   | 0.532 #  |
| 15)                         | B Endosulfa...  | 6.712f | 5.744  | 1399695  | 574100   | 0.863  | 0.244 #  |
| 16)                         | A 4,4'-DDD      | 6.602  | 5.609  | 369549   | -22951   | 0.280  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.913  | 5.855  | 1963167  | 3514713  | 1.238  | 1.646 #  |
| 18)                         | B Endrin al...  | 6.816  | 0.000  | 890163   | 0        | 0.763  | N.D. #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.144  | 0        | 370763   | N.D.   | 0.168 #  |
| 21)                         | B Endrin ke...  | 7.571f | 6.654  | 350067   | 66832    | 0.227  | 0.028 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.599  | 0        | 1477676  | N.D.   | 17.666 # |
| 24)                         | Chlordane-2     | 0.000  | 4.172  | 0        | 222105   | N.D.   | 2.255 #  |
| 25)                         | Chlordane-3     | 5.820  | 4.783f | 1295146  | 1183515  | 4.780  | 4.143    |
| 26)                         | Chlordane-4     | 5.900  | 0.000  | 1499427  | 0        | 4.483  | N.D. #   |
| 27)                         | Chlordane-5     | 6.771  | 5.529  | 554357   | 302965   | 9.204  | 4.367 #  |
| -----                       |                 |        |        |          |          |        |          |

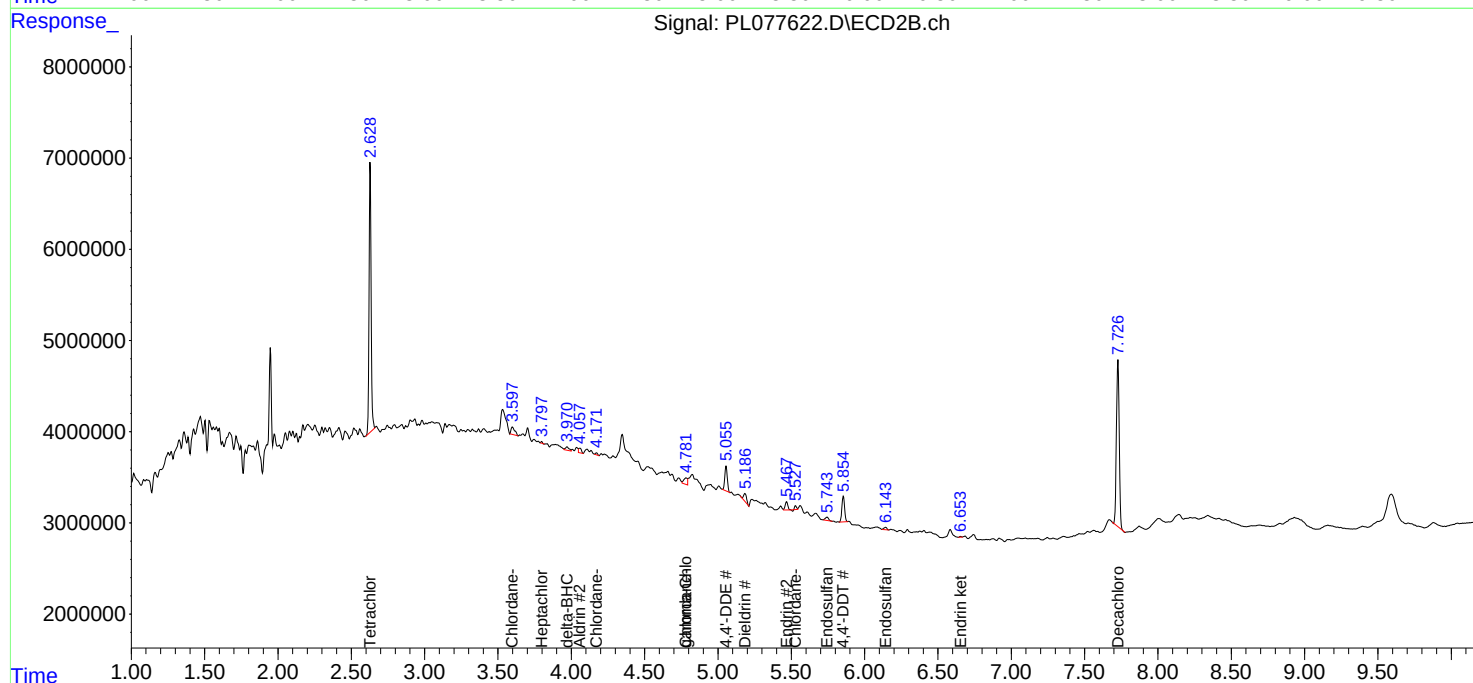
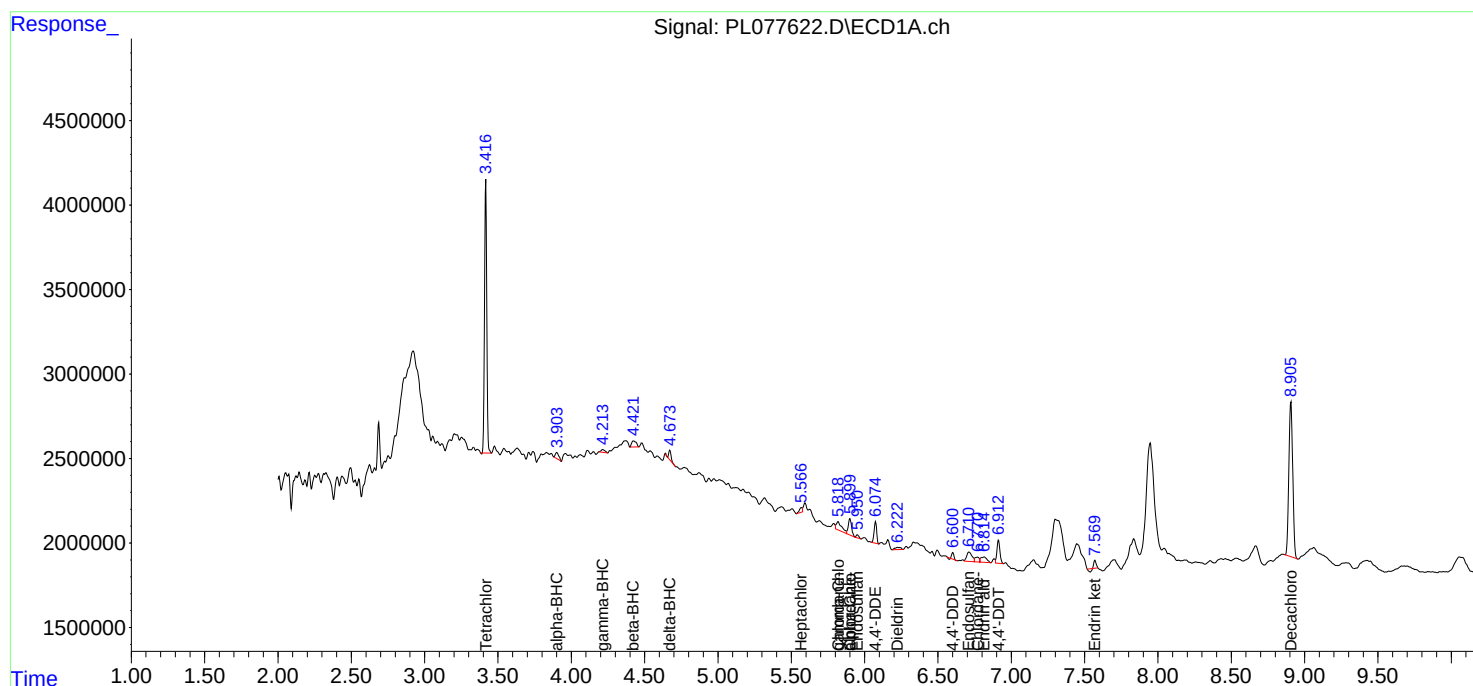
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

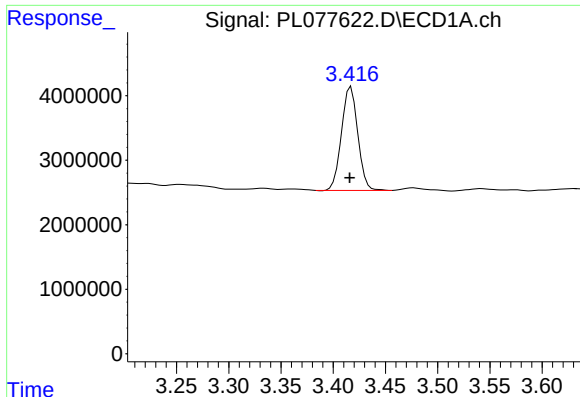
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090922\  
Data File : PL077622.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Sep 2022 12:19  
Operator : AR\AJ  
Sample : N4514-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-090622

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 14:02:29 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090722.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 07 14:34:08 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

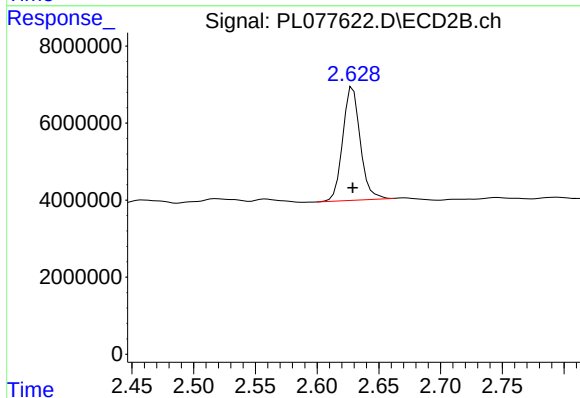




#1 Tetrachloro-m-xylene

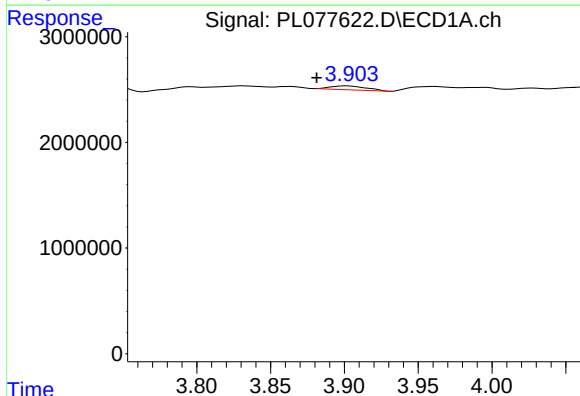
R.T.: 3.417 min  
Delta R.T.: 0.000 min  
Response: 17420189  
Conc: 10.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-090622



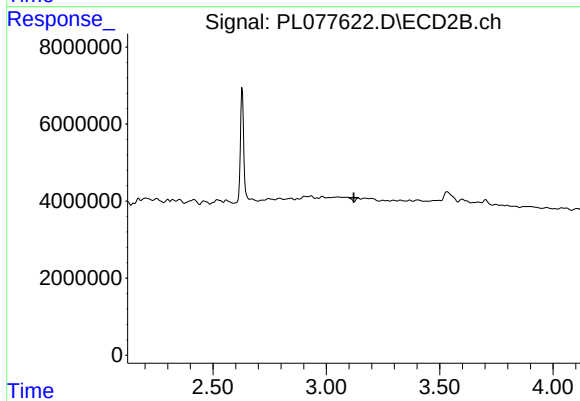
#1 Tetrachloro-m-xylene

R.T.: 2.629 min  
Delta R.T.: 0.000 min  
Response: 28966272  
Conc: 10.95 ng/ml



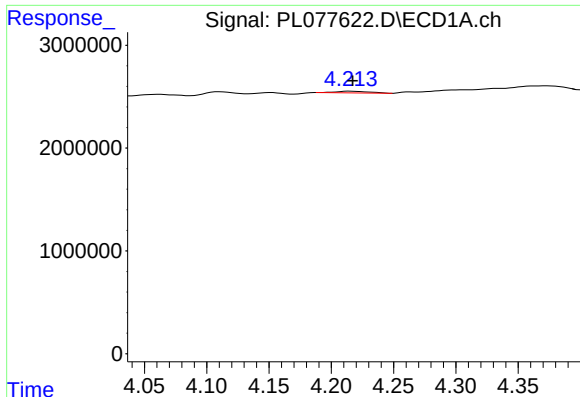
#2 alpha-BHC

R.T.: 3.902 min  
Delta R.T.: 0.021 min  
Response: 615848  
Conc: 0.24 ng/ml



#2 alpha-BHC

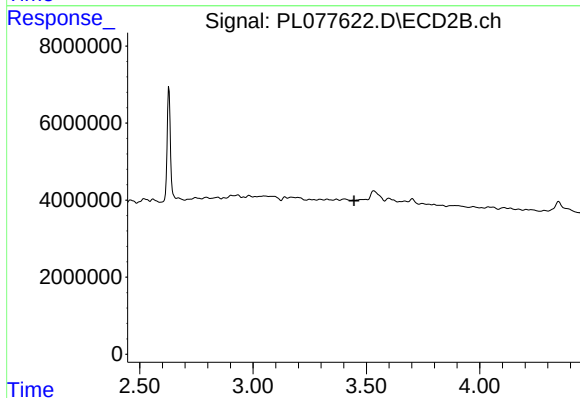
R.T.: 3.140 min  
Delta R.T.: 0.019 min  
Response: -138394  
Conc: N.D.



#3 gamma-BHC (Lindane)

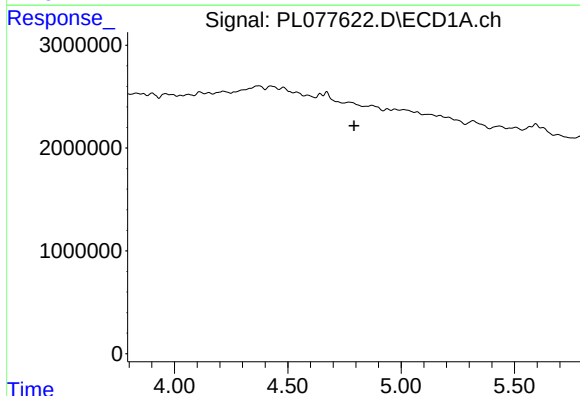
R.T.: 4.215 min  
Delta R.T.: -0.002 min  
Response: 302154  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-090622



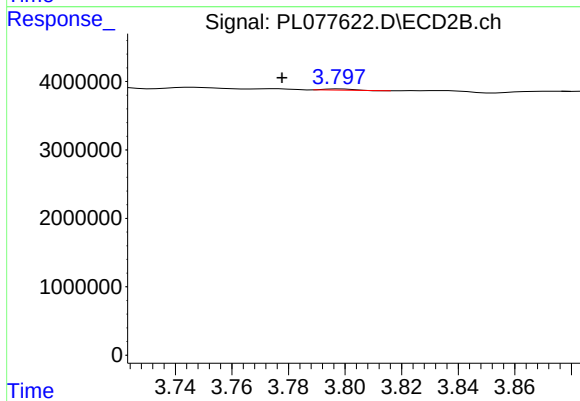
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.446 min  
Response: 0  
Conc: N.D.



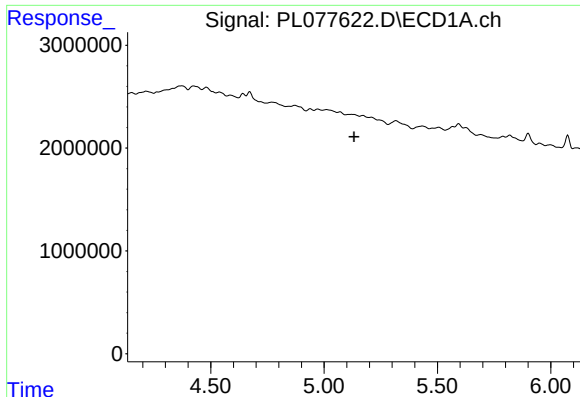
#4 Heptachlor

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



#4 Heptachlor

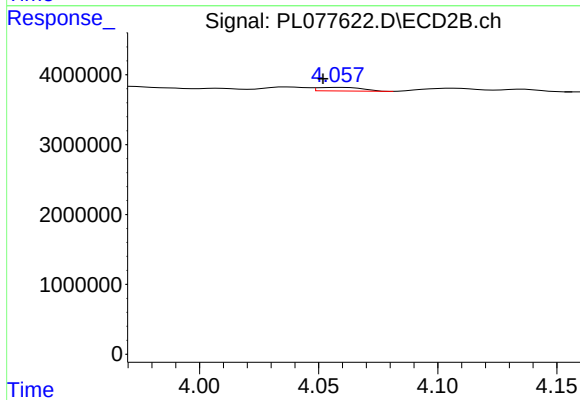
R.T.: 3.798 min  
Delta R.T.: 0.020 min  
Response: 127243  
Conc: 0.04 ng/ml



#5 Aldrin

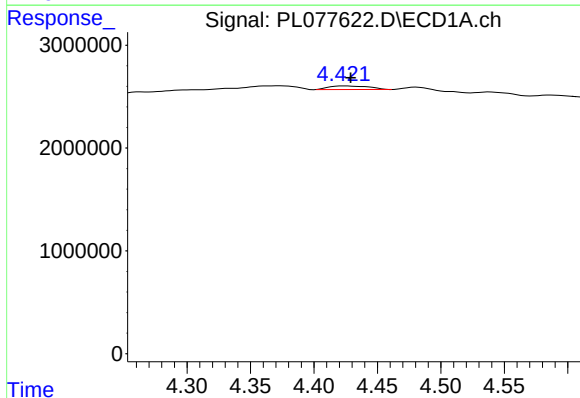
R.T.: 0.000 min  
Exp R.T.: 5.133 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-090622



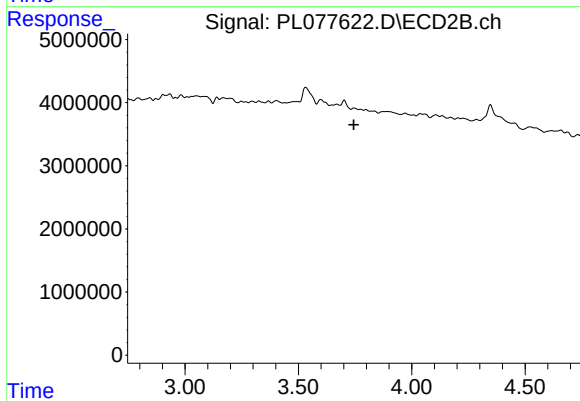
#5 Aldrin

R.T.: 4.059 min  
Delta R.T.: 0.007 min  
Response: 667134  
Conc: 0.21 ng/ml



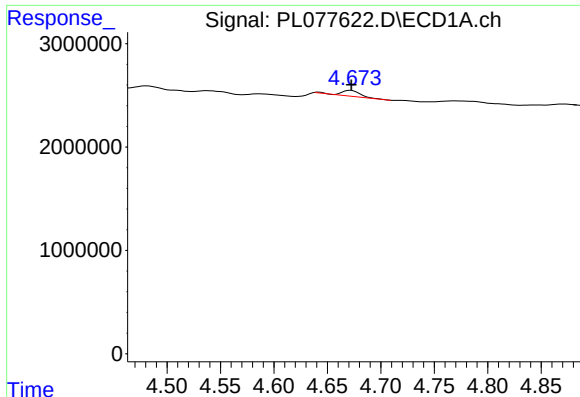
#6 beta-BHC

R.T.: 4.424 min  
Delta R.T.: -0.005 min  
Response: 783407  
Conc: 0.76 ng/ml



#6 beta-BHC

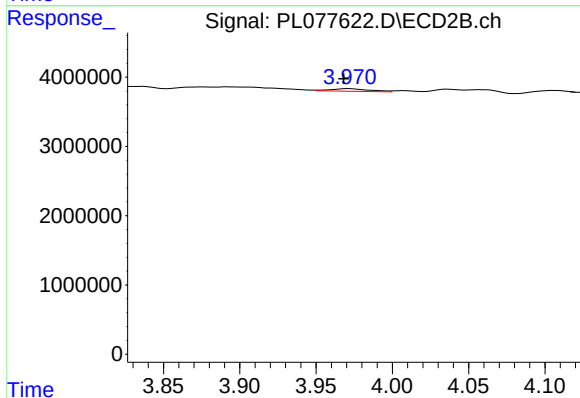
R.T.: 3.746 min  
Delta R.T.: 0.001 min  
Response: -82115  
Conc: N.D.



#7 delta-BHC

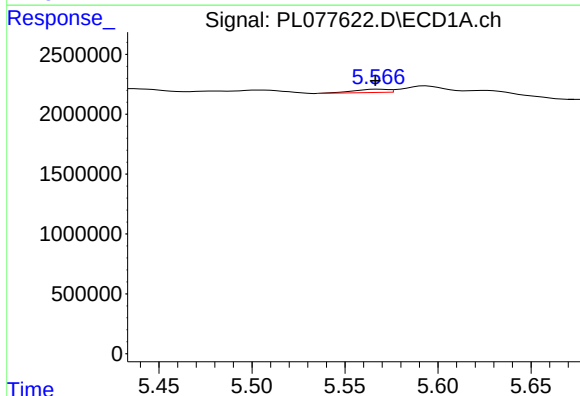
R.T.: 4.672 min  
Delta R.T.: 0.000 min  
Response: 593755  
Conc: 0.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-090622



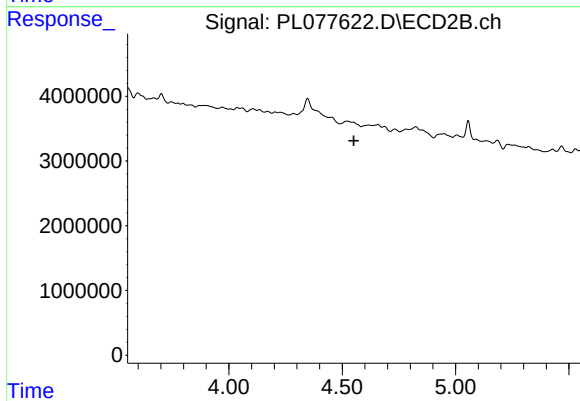
#7 delta-BHC

R.T.: 3.972 min  
Delta R.T.: 0.004 min  
Response: 687574  
Conc: 0.19 ng/ml



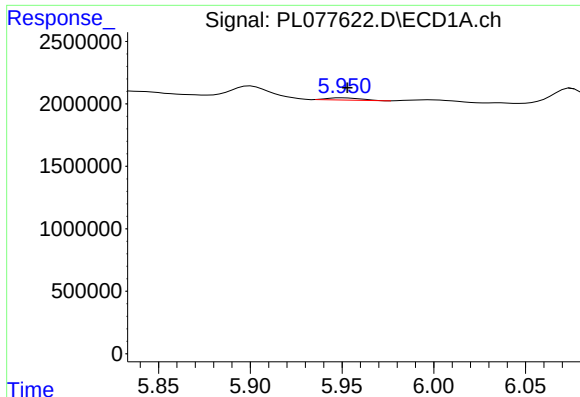
#8 Heptachlor epoxide

R.T.: 5.568 min  
Delta R.T.: 0.002 min  
Response: 355649  
Conc: 0.22 ng/ml



#8 Heptachlor epoxide

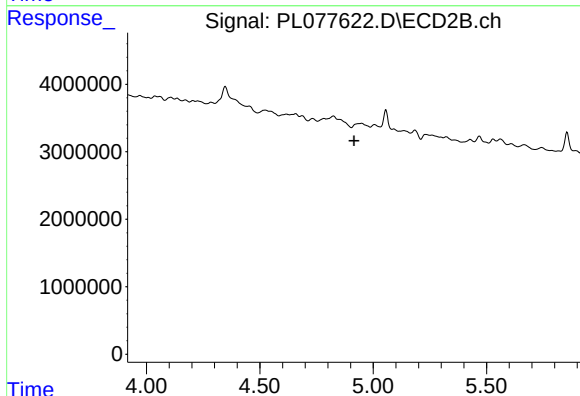
R.T.: 0.000 min  
Exp R.T. : 4.551 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

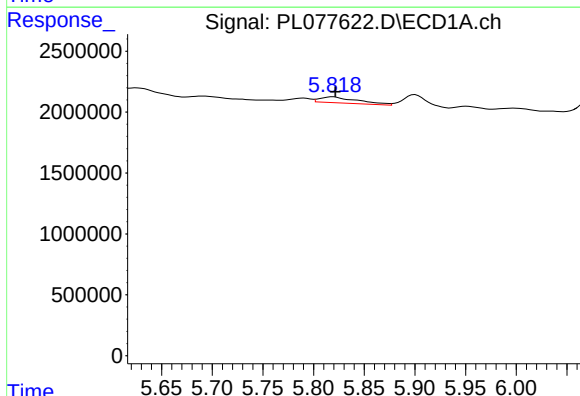
R.T.: 5.951 min  
Delta R.T.: -0.002 min  
Response: 233305  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-090622



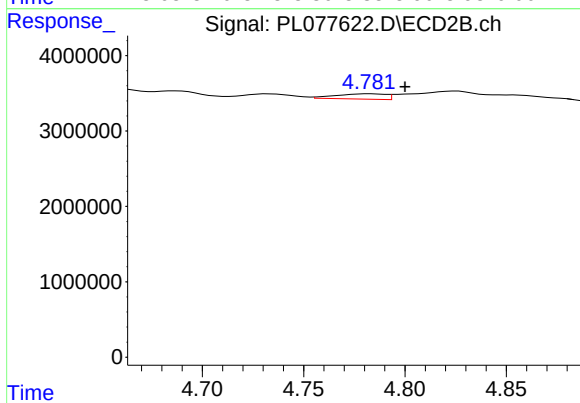
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 4.916 min  
Response: 0  
Conc: N.D.



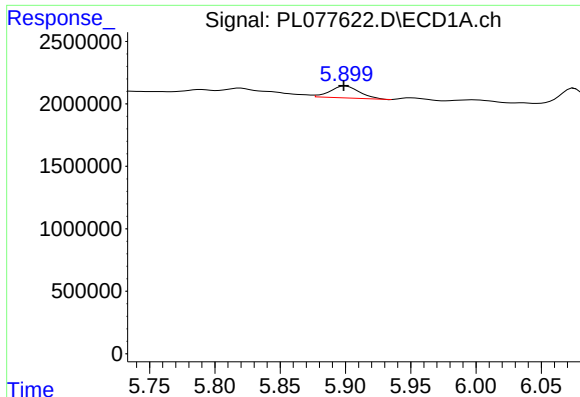
#10 gamma-Chlordane

R.T.: 5.820 min  
Delta R.T.: -0.002 min  
Response: 1295146  
Conc: 0.69 ng/ml



#10 gamma-Chlordane

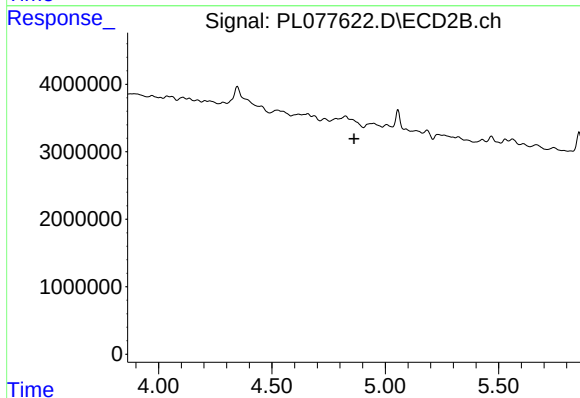
R.T.: 4.783 min  
Delta R.T.: -0.017 min  
Response: 1183515  
Conc: 0.42 ng/ml



#11 alpha-Chlordane

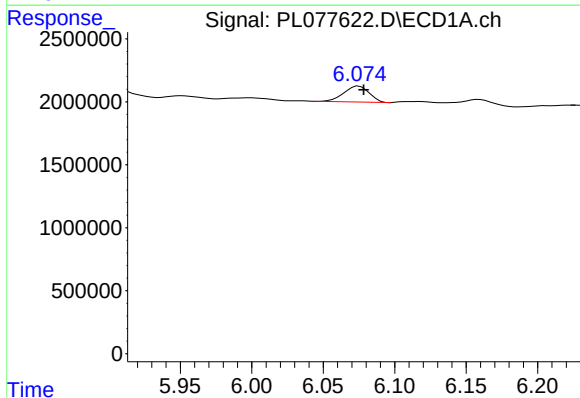
R.T.: 5.900 min  
Delta R.T.: 0.002 min  
Response: 1499427  
Conc: 0.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-090622



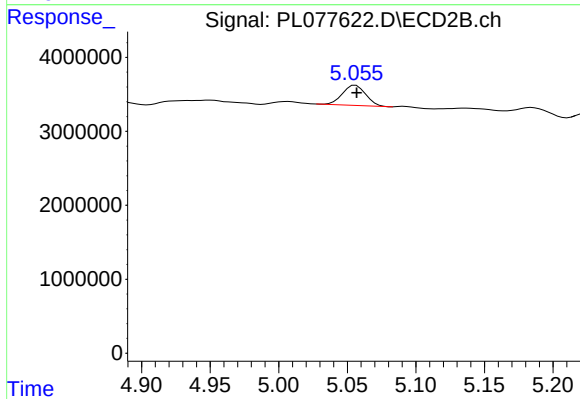
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 4.862 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

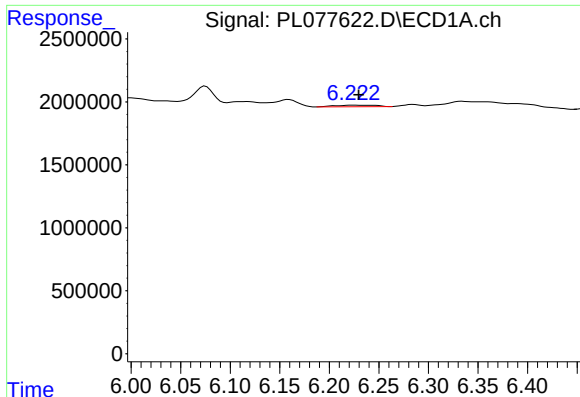
R.T.: 6.075 min  
Delta R.T.: -0.003 min  
Response: 1558879  
Conc: 0.89 ng/ml



#12 4,4'-DDE

R.T.: 5.056 min  
Delta R.T.: 0.000 min  
Response: 3224761  
Conc: 1.19 ng/ml

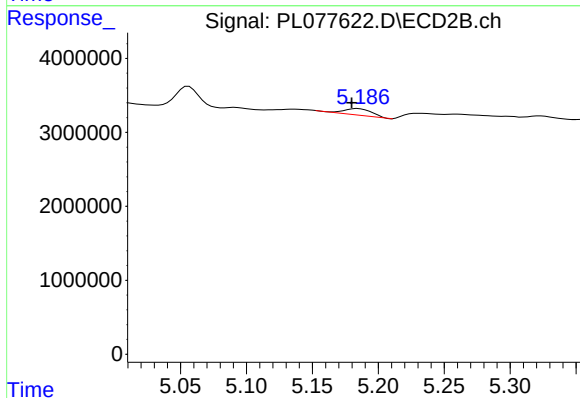




#13 Dieldrin

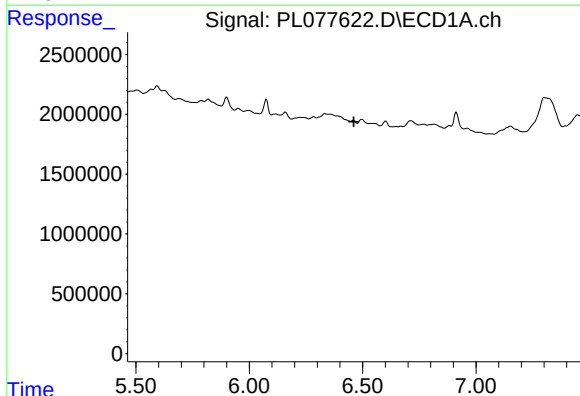
R.T.: 6.223 min  
Delta R.T.: -0.006 min  
Response: 371952  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-090622



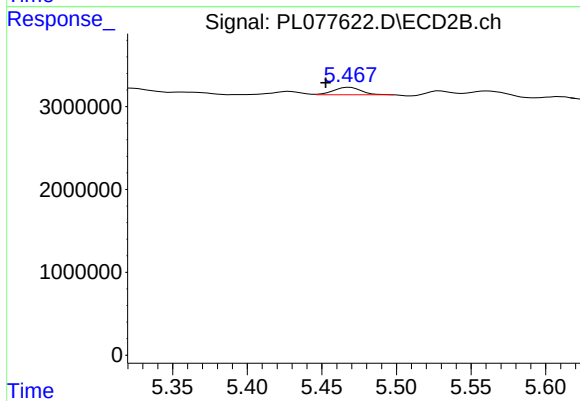
#13 Dieldrin

R.T.: 5.184 min  
Delta R.T.: 0.005 min  
Response: 1342442  
Conc: 0.49 ng/ml



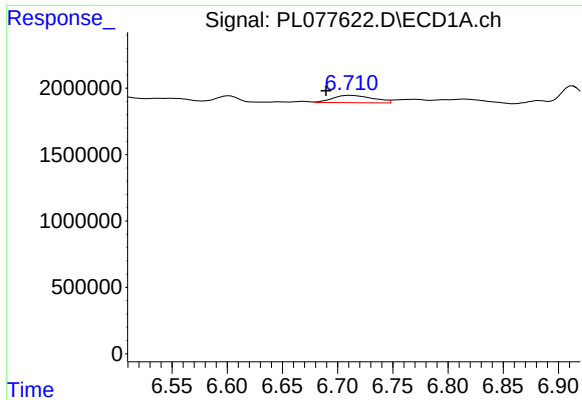
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.461 min  
Response: 0  
Conc: N.D.



#14 Endrin

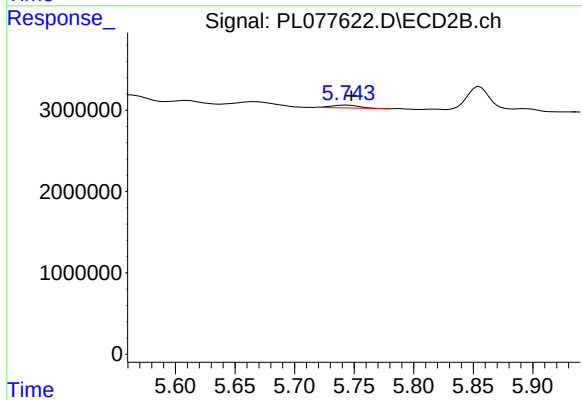
R.T.: 5.469 min  
Delta R.T.: 0.016 min  
Response: 1097338  
Conc: 0.53 ng/ml



#15 Endosulfan II

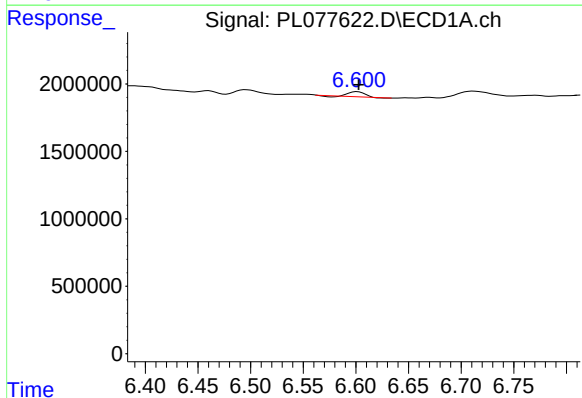
R.T.: 6.712 min  
Delta R.T.: 0.022 min  
Response: 1399695  
Conc: 0.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-090622



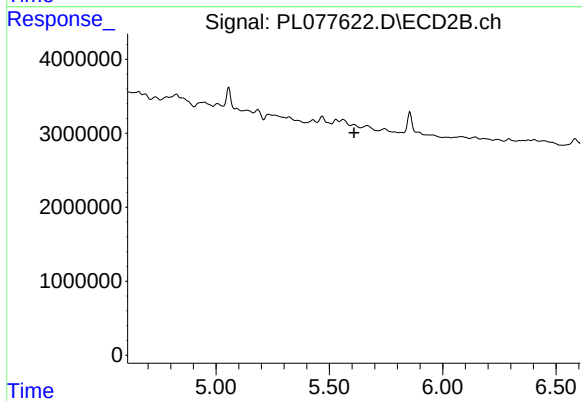
#15 Endosulfan II

R.T.: 5.744 min  
Delta R.T.: -0.004 min  
Response: 574100  
Conc: 0.24 ng/ml



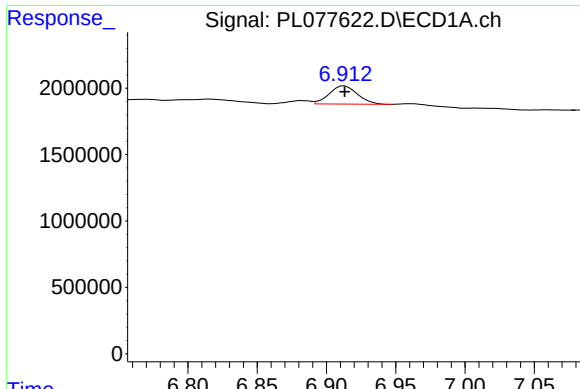
#16 4,4'-DDD

R.T.: 6.602 min  
Delta R.T.: 0.000 min  
Response: 369549  
Conc: 0.28 ng/ml



#16 4,4'-DDD

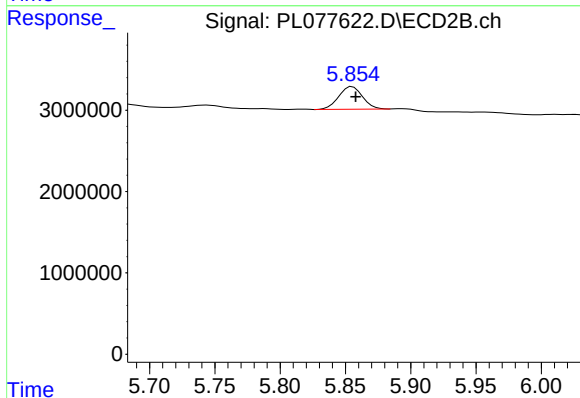
R.T.: 5.609 min  
Delta R.T.: 0.000 min  
Response: -22951  
Conc: N.D.



#17 4,4'-DDT

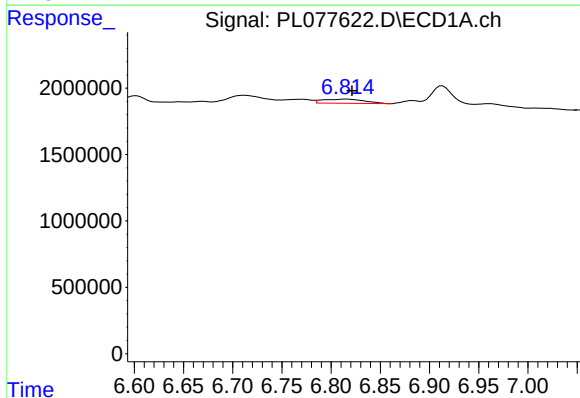
R.T.: 6.913 min  
Delta R.T.: 0.000 min  
Response: 1963167  
Conc: 1.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-090622



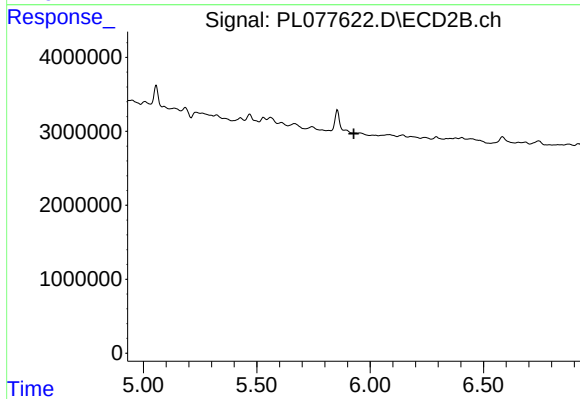
#17 4,4'-DDT

R.T.: 5.855 min  
Delta R.T.: -0.003 min  
Response: 3514713  
Conc: 1.65 ng/ml



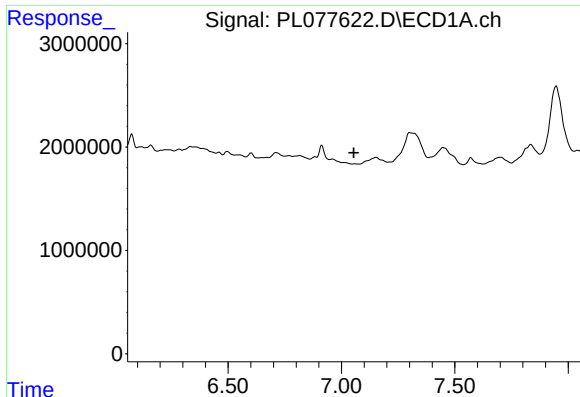
#18 Endrin aldehyde

R.T.: 6.816 min  
Delta R.T.: -0.006 min  
Response: 890163  
Conc: 0.76 ng/ml



#18 Endrin aldehyde

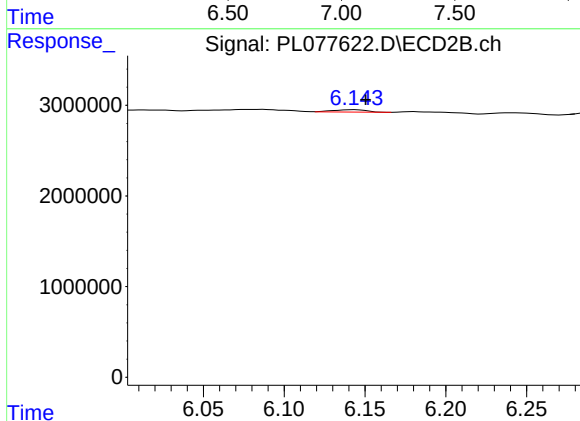
R.T.: 0.000 min  
Exp R.T.: 5.928 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

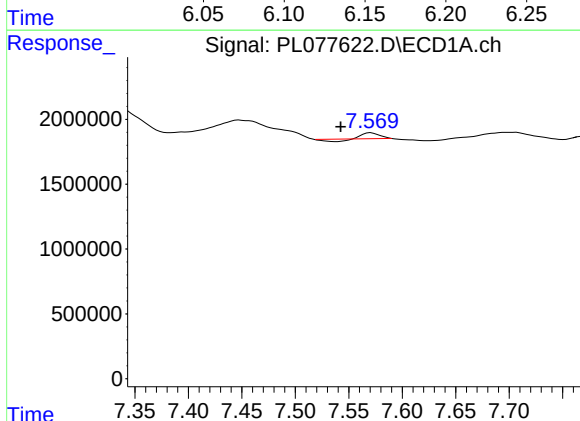
R.T.: 0.000 min  
Exp R.T.: 7.054 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-090622



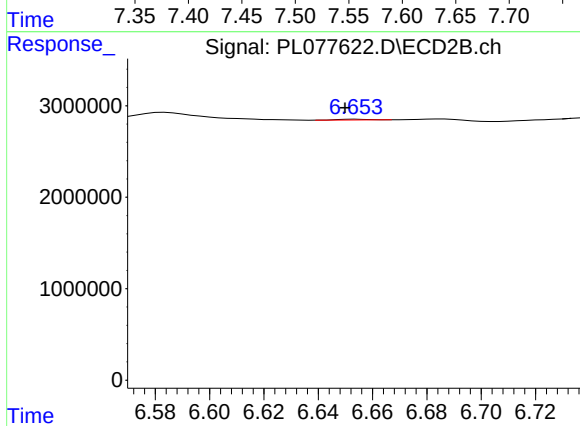
#19 Endosulfan Sulfate

R.T.: 6.144 min  
Delta R.T.: -0.007 min  
Response: 370763  
Conc: 0.17 ng/ml



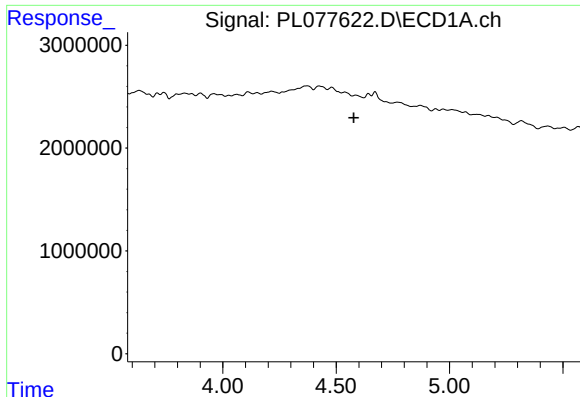
#21 Endrin ketone

R.T.: 7.571 min  
Delta R.T.: 0.028 min  
Response: 350067  
Conc: 0.23 ng/ml



#21 Endrin ketone

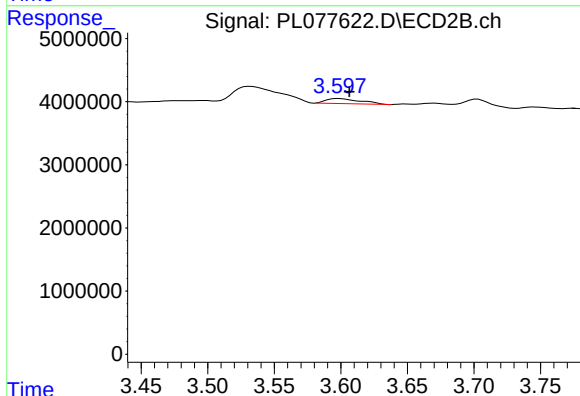
R.T.: 6.654 min  
Delta R.T.: 0.005 min  
Response: 66832  
Conc: 0.03 ng/ml



#23 Chlordane-1

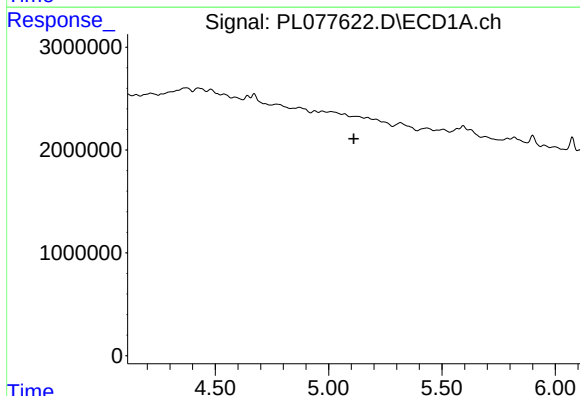
R.T.: 0.000 min  
Exp R.T.: 4.577 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-090622



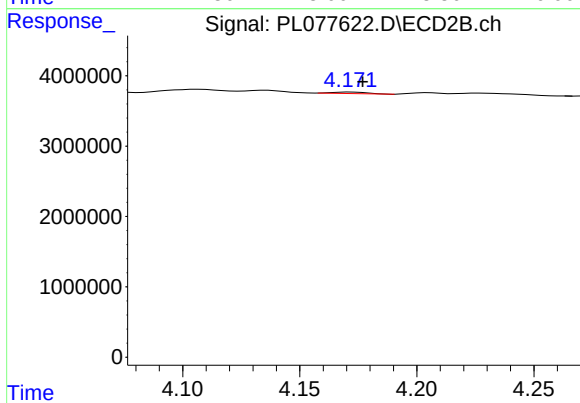
#23 Chlordane-1

R.T.: 3.599 min  
Delta R.T.: -0.008 min  
Response: 1477676  
Conc: 17.67 ng/ml



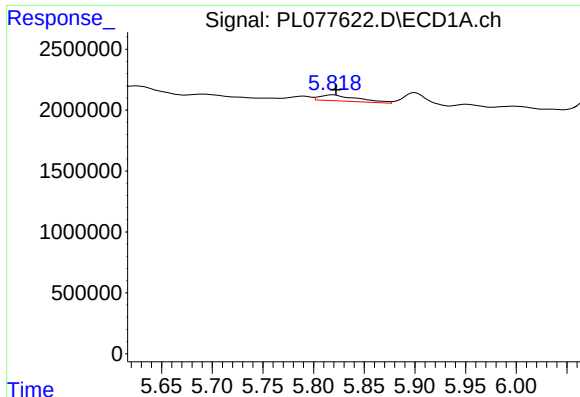
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.111 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

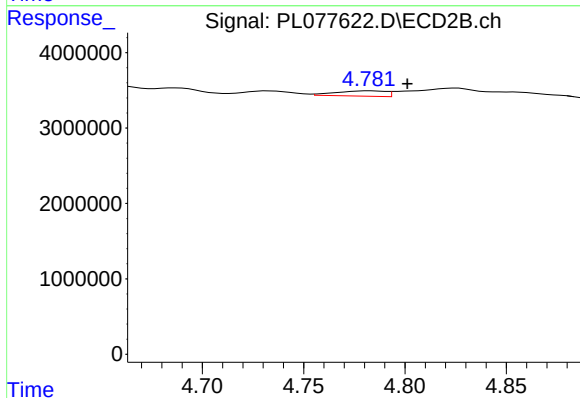
R.T.: 4.172 min  
Delta R.T.: -0.005 min  
Response: 222105  
Conc: 2.26 ng/ml



#25 Chlordane-3

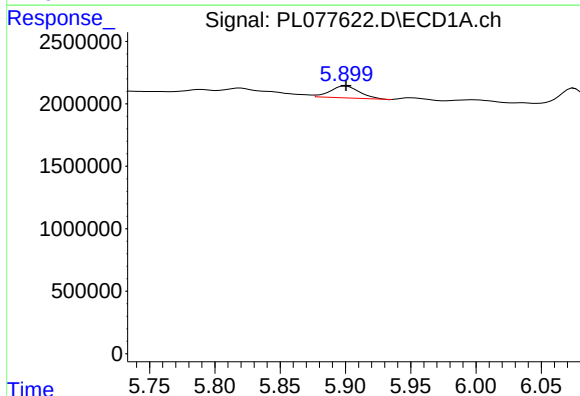
R.T.: 5.820 min  
Delta R.T.: -0.003 min  
Response: 1295146  
Conc: 4.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-090622



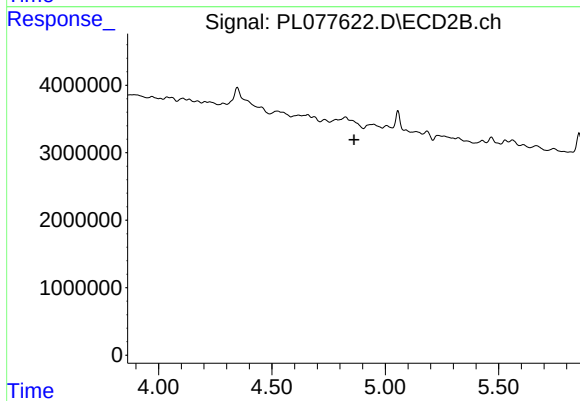
#25 Chlordane-3

R.T.: 4.783 min  
Delta R.T.: -0.019 min  
Response: 1183515  
Conc: 4.14 ng/ml



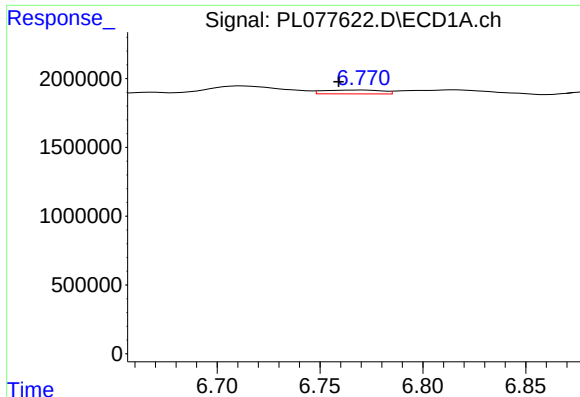
#26 Chlordane-4

R.T.: 5.900 min  
Delta R.T.: 0.000 min  
Response: 1499427  
Conc: 4.48 ng/ml



#26 Chlordane-4

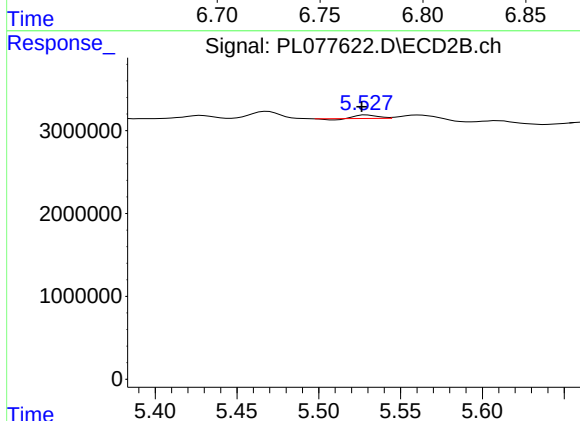
R.T.: 0.000 min  
Exp R.T.: 4.862 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

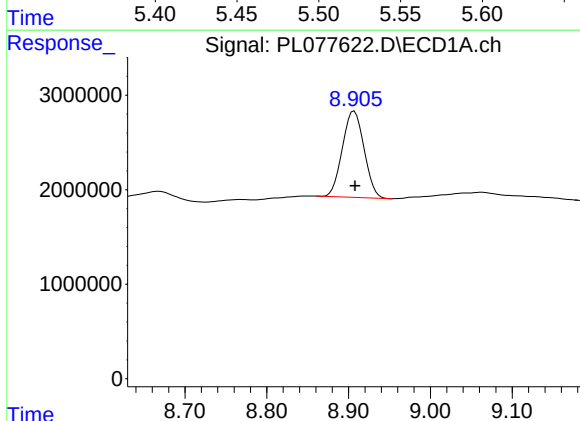
R.T.: 6.771 min  
Delta R.T.: 0.012 min  
Response: 554357  
Conc: 9.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-090622



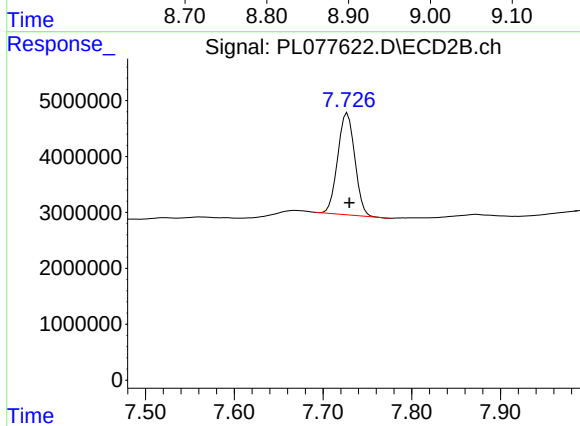
#27 Chlordane-5

R.T.: 5.529 min  
Delta R.T.: 0.003 min  
Response: 302965  
Conc: 4.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.907 min  
Delta R.T.: 0.000 min  
Response: 16773607  
Conc: 11.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.727 min  
Delta R.T.: -0.002 min  
Response: 24336840  
Conc: 12.34 ng/ml