

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090222\  
 Data File : PL077494.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Sep 2022 22:02  
 Operator : AR\AJ  
 Sample : N4486-01  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 03 05:25:31 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090222.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Sep 03 05:19:42 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... | 3.415  | 2.629  | 21629236 | 39238504 | 15.713 | 14.749    |
| 28)                         | SA Decachlor... | 8.903  | 7.727  | 14006504 | 19415308 | 12.238 | 8.227 #   |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 3.904f | 3.126  | 15597986 | 2425572  | 7.768  | 0.603 #   |
| 3)                          | MA gamma-BHC... | 4.223  | 3.451  | 1463101  | 10552508 | 0.774  | 3.010 #   |
| 5)                          | MB Aldrin       | 5.128  | 4.032f | 3649704  | 39642302 | 2.147  | 12.031 #  |
| 6)                          | B beta-BHC      | 4.434  | 0.000  | 1387390  | 0        | 1.682  | N.D. #    |
| 7)                          | B delta-BHC     | 4.669  | 3.958  | 1551999  | 7599237  | 0.948  | 2.082 #   |
| 8)                          | B Heptachlo...  | 5.555  | 4.550  | 4081249  | 7452716  | 3.048  | 2.495     |
| 9)                          | A Endosulfan I  | 5.935f | 4.943f | 748375   | 27224282 | 0.547  | 10.089 #  |
| 10)                         | B gamma-Chl...  | 5.819  | 4.799  | 11050711 | 14283646 | 7.420  | 4.694 #   |
| 11)                         | B alpha-Chl...  | 5.897  | 4.861  | 10876291 | 14755438 | 7.411  | 5.116 #   |
| 12)                         | B 4,4'-DDE      | 6.075  | 5.056  | 6305124  | 16251505 | 4.603  | 5.497     |
| 13)                         | MA Dieldrin     | 6.227  | 5.179  | 6569134  | 12555456 | 4.674  | 4.370     |
| 14)                         | MA Endrin       | 6.463  | 5.471f | 1072967  | -1128401 | 0.867  | N.D. #    |
| 15)                         | B Endosulfa...  | 6.711f | 0.000  | 762585   | 0        | 0.679  | N.D. #    |
| 16)                         | A 4,4'-DDD      | 6.598  | 5.610  | 3475098  | 5697172  | 3.375  | 2.494 #   |
| 18)                         | B Endrin al...  | 6.809  | 5.929  | 10071945 | 22023092 | 10.748 | 11.802    |
| 19)                         | B Endosulfa...  | 7.061  | 0.000  | 19673351 | 0        | 16.649 | N.D. #    |
| 20)                         | A Methoxychlor  | 7.396  | 6.453  | 2469558  | 1319774  | 4.073  | 1.033 #   |
| 21)                         | B Endrin ke...  | 7.563f | 6.645  | 271387   | -156503  | 0.219  | N.D. #    |
| 22)                         | Mirex           | 0.000  | 6.827  | 0        | 1147585  | N.D.   | 0.567 #   |
| 23)                         | Chlordane-1     | 4.574  | 3.611  | 145717   | 5484122  | 2.884  | 62.175 #  |
| 24)                         | Chlordane-2     | 5.104  | 4.202f | 2172872  | 9726601  | 35.283 | 94.972 #  |
| 25)                         | Chlordane-3     | 5.819  | 4.799  | 11050711 | 14283646 | 54.145 | 47.467    |
| 26)                         | Chlordane-4     | 5.897  | 4.861  | 10876291 | 14755438 | 43.961 | 48.205    |
| 27)                         | Chlordane-5     | 0.000  | 5.519  | 0        | 11061177 | N.D.   | 143.649 # |
| -----                       |                 |        |        |          |          |        |           |

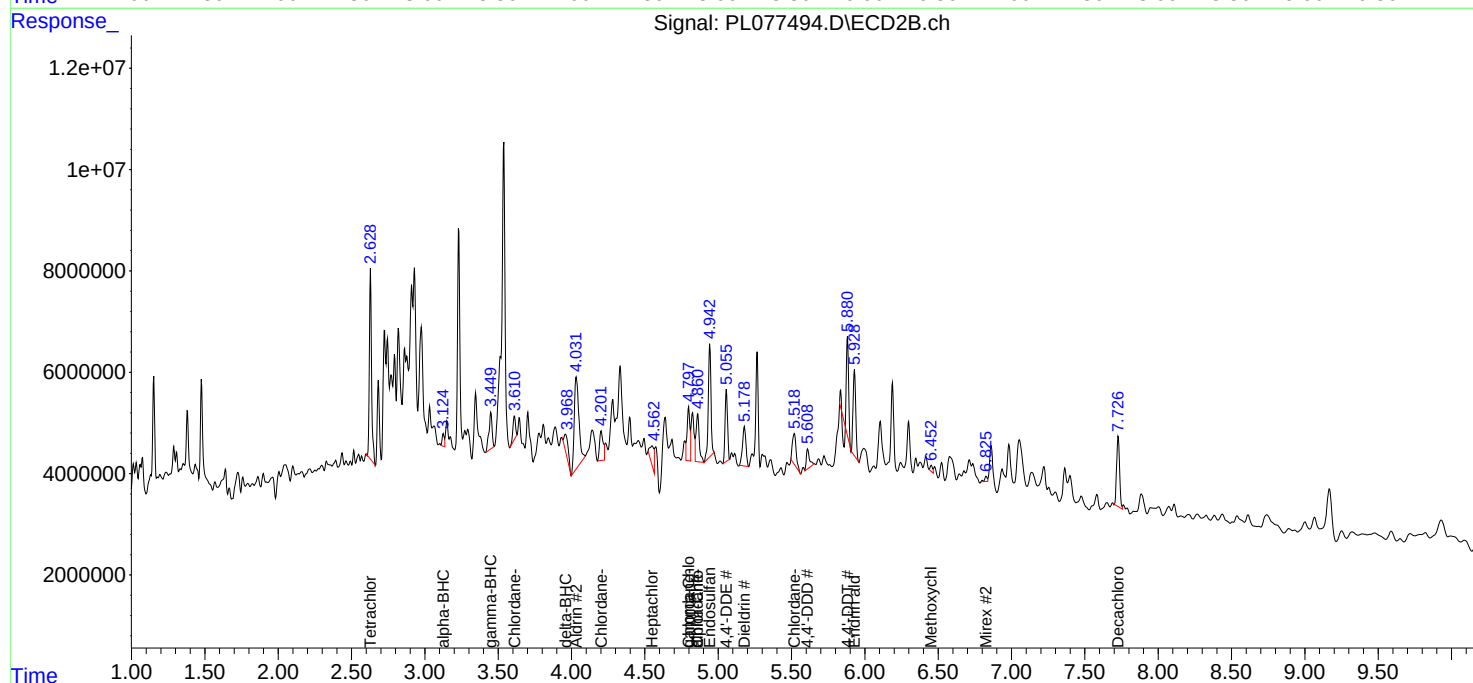
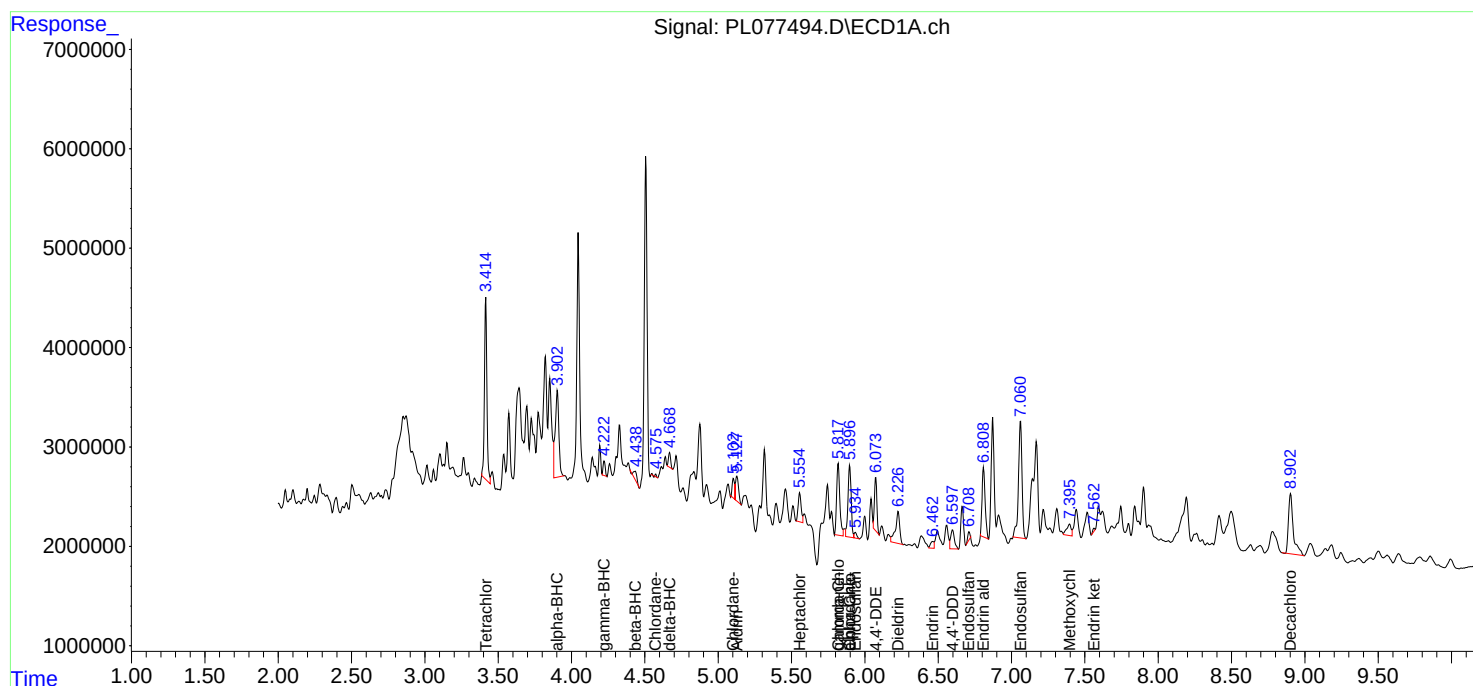
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

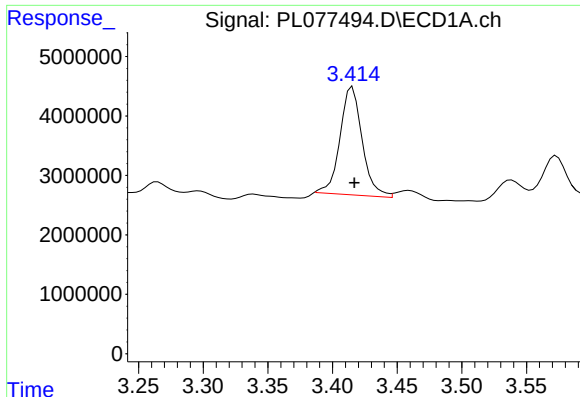
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090222\  
Data File : PL077494.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Sep 2022 22:02  
Operator : AR\AJ  
Sample : N4486-01  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 03 05:25:31 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090222.M  
Quant Title : GC Extractables  
QLast Update : Sat Sep 03 05:19:42 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

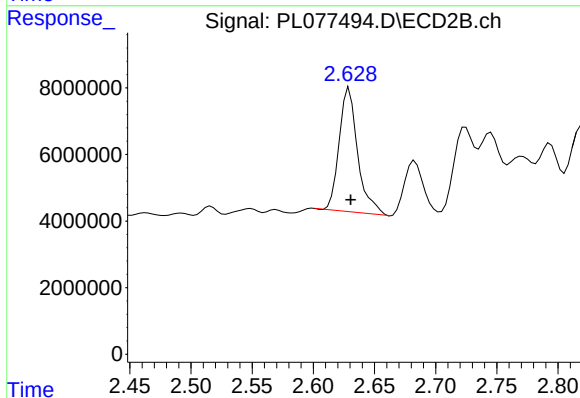




#1 Tetrachloro-m-xylene

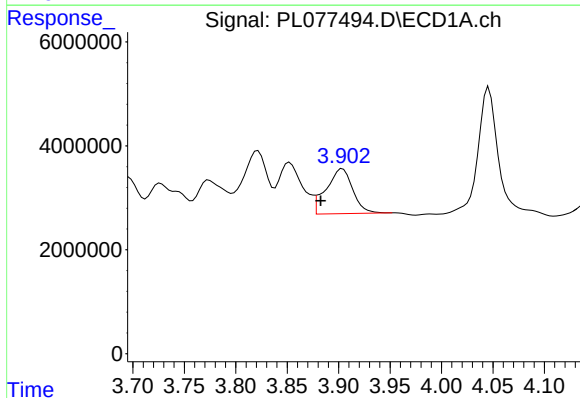
R.T.: 3.415 min  
Delta R.T.: -0.002 min  
Response: 21629236  
Conc: 15.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



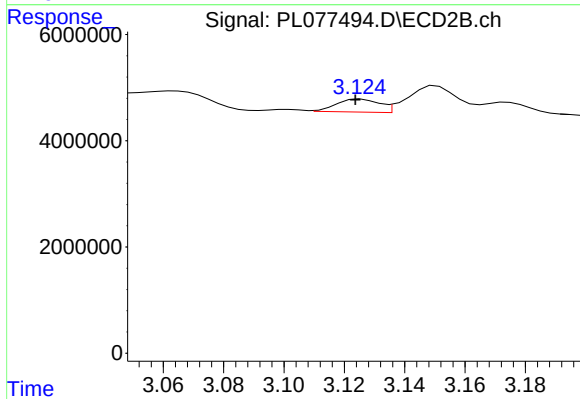
#1 Tetrachloro-m-xylene

R.T.: 2.629 min  
Delta R.T.: -0.001 min  
Response: 39238504  
Conc: 14.75 ng/ml



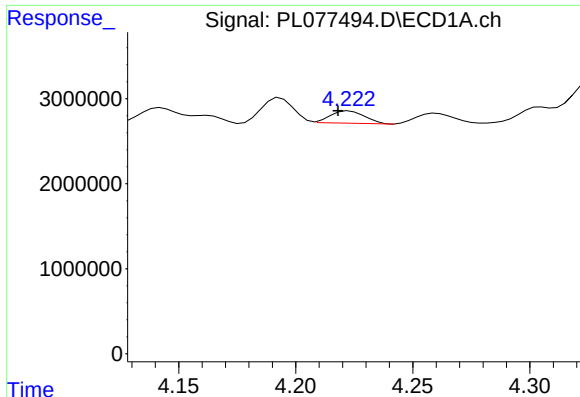
#2 alpha-BHC

R.T.: 3.904 min  
Delta R.T.: 0.021 min  
Response: 15597986  
Conc: 7.77 ng/ml



#2 alpha-BHC

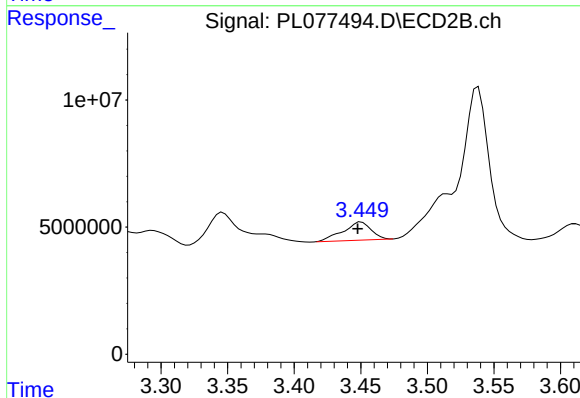
R.T.: 3.126 min  
Delta R.T.: 0.002 min  
Response: 2425572  
Conc: 0.60 ng/ml



#3 gamma-BHC (Lindane)

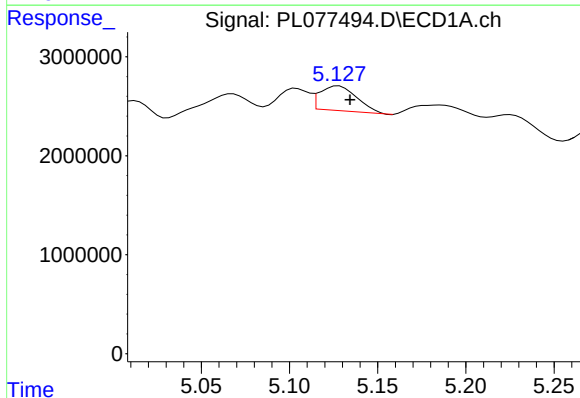
R.T.: 4.223 min  
Delta R.T.: 0.005 min  
Response: 1463101  
Conc: 0.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



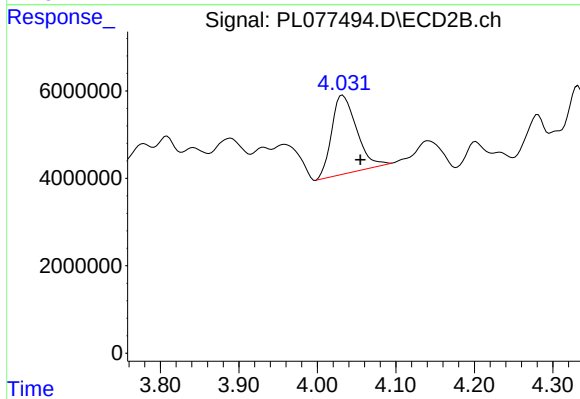
#3 gamma-BHC (Lindane)

R.T.: 3.451 min  
Delta R.T.: 0.003 min  
Response: 10552508  
Conc: 3.01 ng/ml



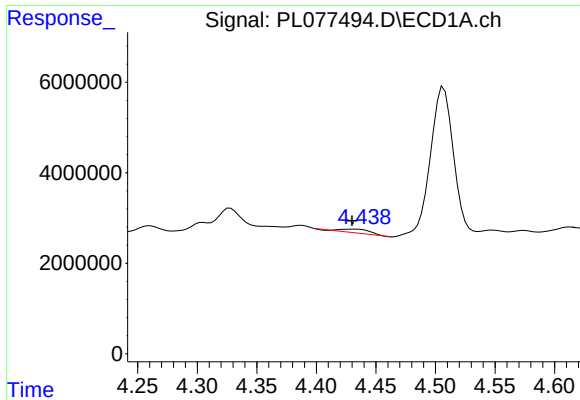
#5 Aldrin

R.T.: 5.128 min  
Delta R.T.: -0.006 min  
Response: 3649704  
Conc: 2.15 ng/ml



#5 Aldrin

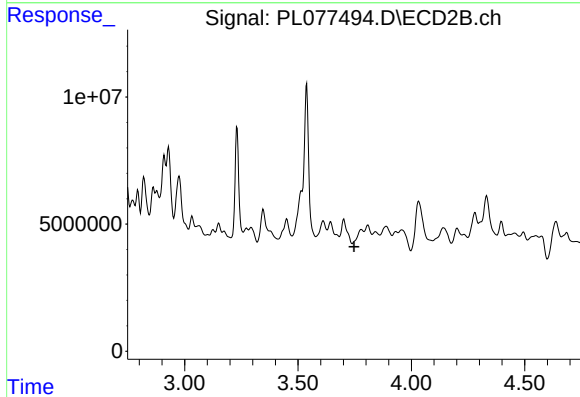
R.T.: 4.032 min  
Delta R.T.: -0.023 min  
Response: 39642302  
Conc: 12.03 ng/ml



#6 beta-BHC

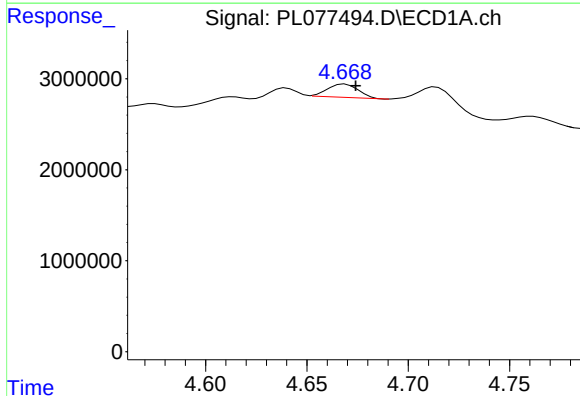
R.T.: 4.434 min  
Delta R.T.: 0.004 min  
Response: 1387390  
Conc: 1.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



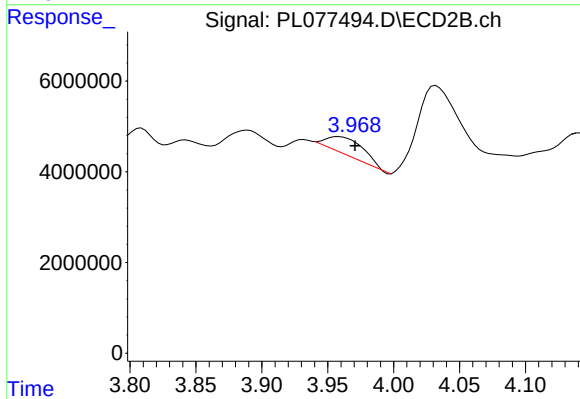
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 3.747 min  
Response: 0  
Conc: N.D.



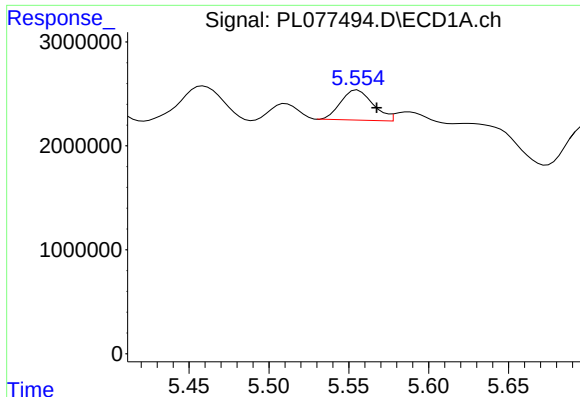
#7 delta-BHC

R.T.: 4.669 min  
Delta R.T.: -0.005 min  
Response: 1551999  
Conc: 0.95 ng/ml



#7 delta-BHC

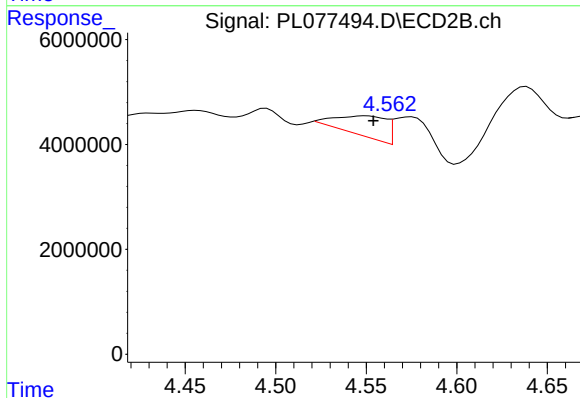
R.T.: 3.958 min  
Delta R.T.: -0.013 min  
Response: 7599237  
Conc: 2.08 ng/ml



#8 Heptachlor epoxide

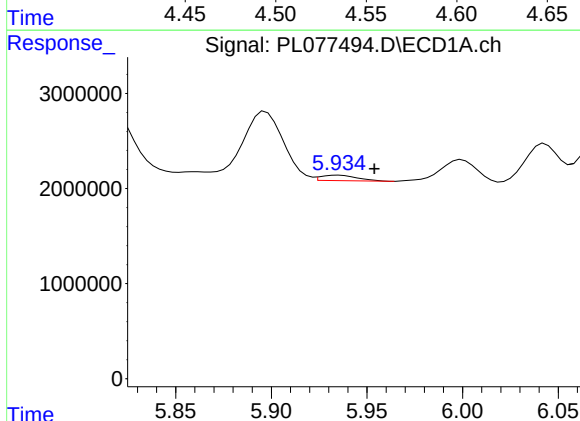
R.T.: 5.555 min  
Delta R.T.: -0.012 min  
Response: 4081249  
Conc: 3.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



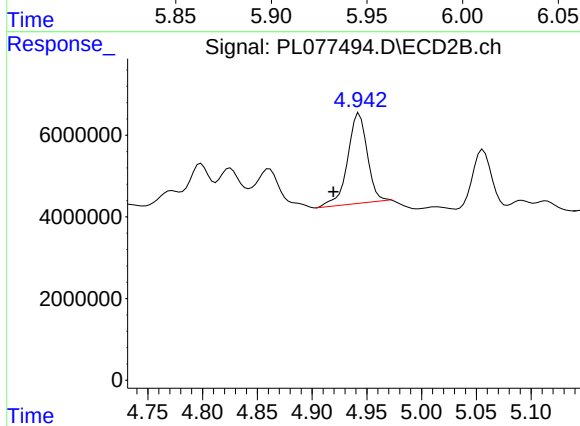
#8 Heptachlor epoxide

R.T.: 4.550 min  
Delta R.T.: -0.004 min  
Response: 7452716  
Conc: 2.49 ng/ml



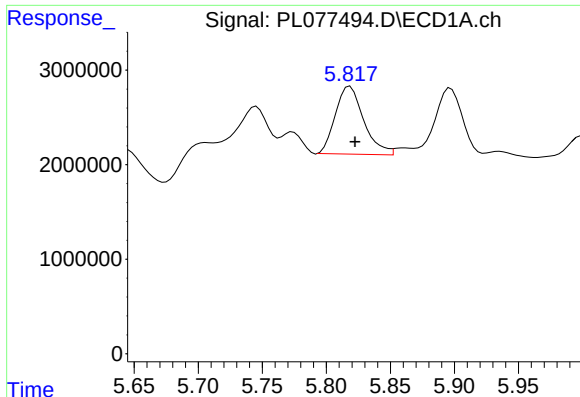
#9 Endosulfan I

R.T.: 5.935 min  
Delta R.T.: -0.019 min  
Response: 748375  
Conc: 0.55 ng/ml



#9 Endosulfan I

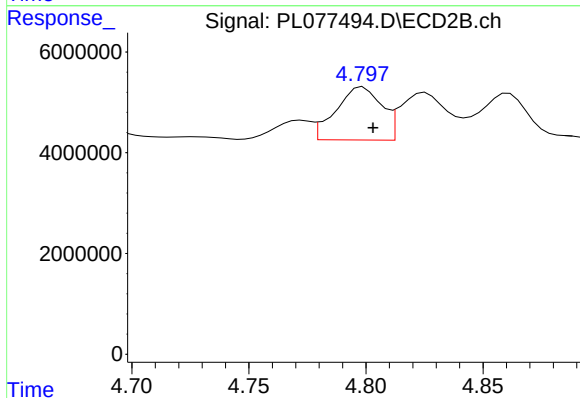
R.T.: 4.943 min  
Delta R.T.: 0.023 min  
Response: 27224282  
Conc: 10.09 ng/ml



#10 gamma-Chlordane

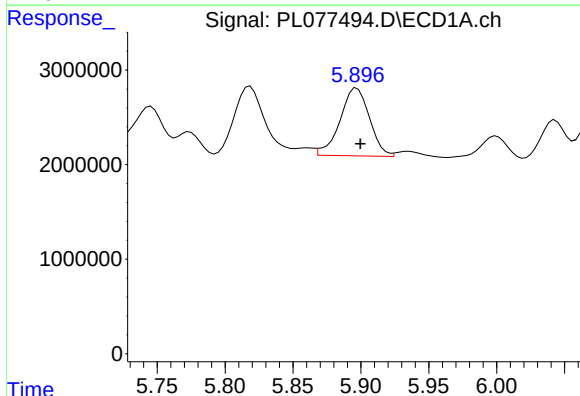
R.T.: 5.819 min  
Delta R.T.: -0.004 min  
Response: 11050711  
Conc: 7.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



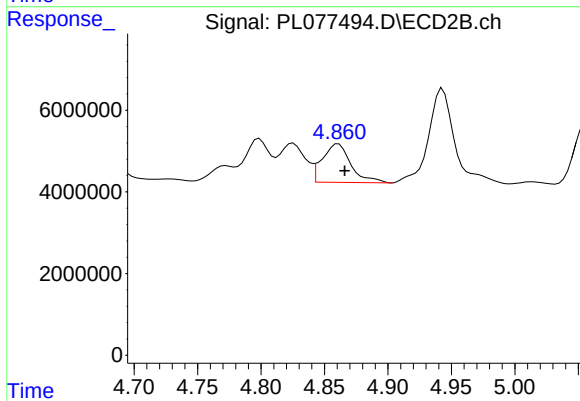
#10 gamma-Chlordane

R.T.: 4.799 min  
Delta R.T.: -0.004 min  
Response: 14283646  
Conc: 4.69 ng/ml



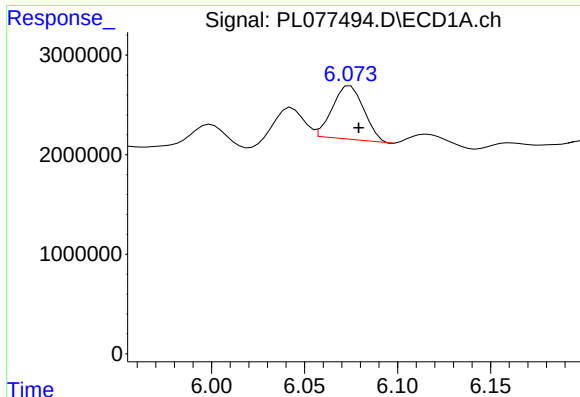
#11 alpha-Chlordane

R.T.: 5.897 min  
Delta R.T.: -0.003 min  
Response: 10876291  
Conc: 7.41 ng/ml



#11 alpha-Chlordane

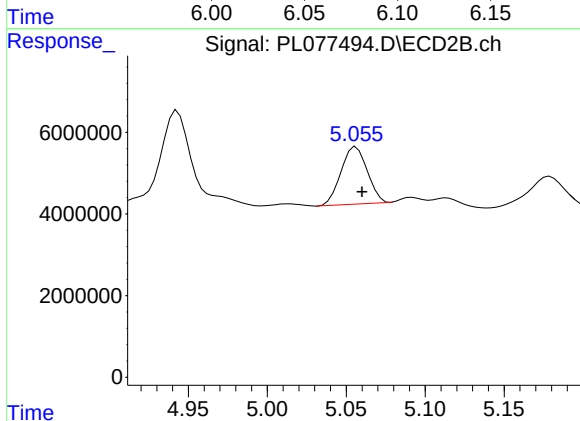
R.T.: 4.861 min  
Delta R.T.: -0.005 min  
Response: 14755438  
Conc: 5.12 ng/ml



#12 4,4'-DDE

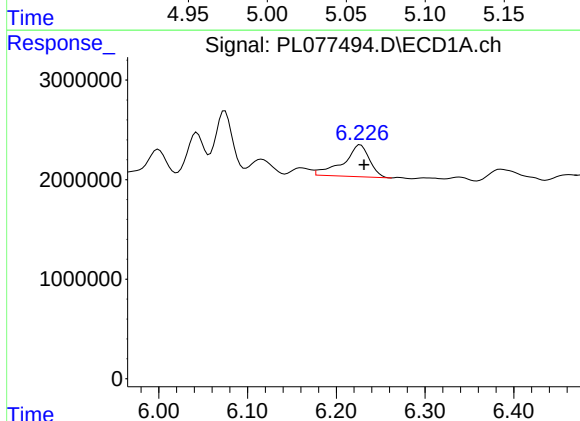
R.T.: 6.075 min  
Delta R.T.: -0.005 min  
Response: 6305124  
Conc: 4.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



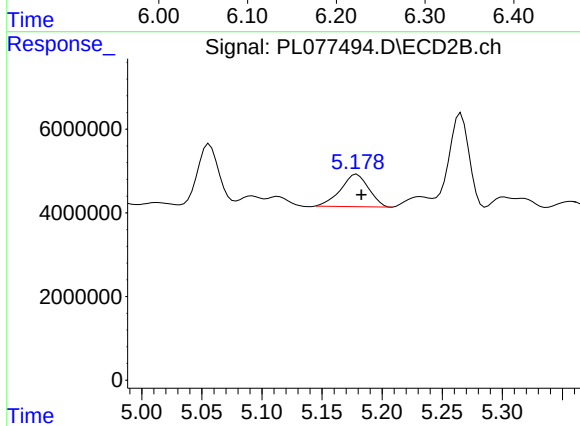
#12 4,4'-DDE

R.T.: 5.056 min  
Delta R.T.: -0.004 min  
Response: 16251505  
Conc: 5.50 ng/ml



#13 Dieldrin

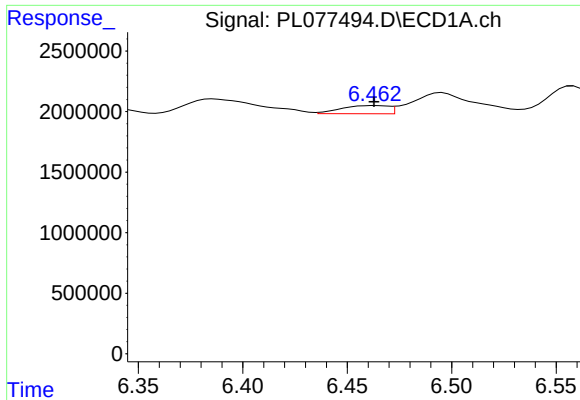
R.T.: 6.227 min  
Delta R.T.: -0.004 min  
Response: 6569134  
Conc: 4.67 ng/ml



#13 Dieldrin

R.T.: 5.179 min  
Delta R.T.: -0.004 min  
Response: 12555456  
Conc: 4.37 ng/ml

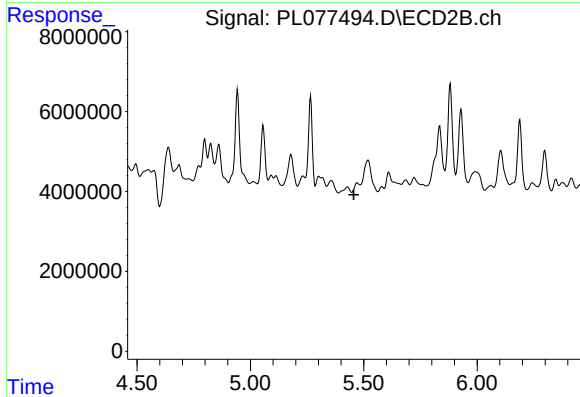




#14 Endrin

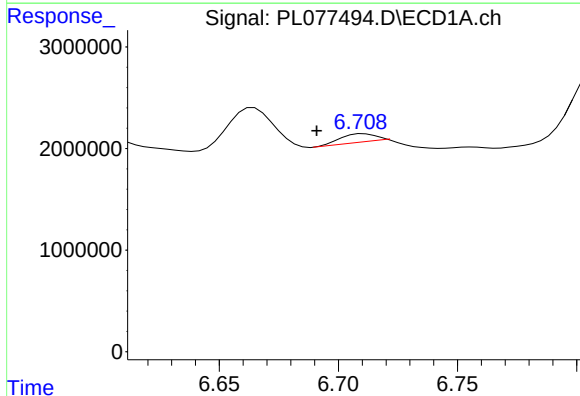
R.T.: 6.463 min  
Delta R.T.: 0.000 min  
Response: 1072967  
Conc: 0.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



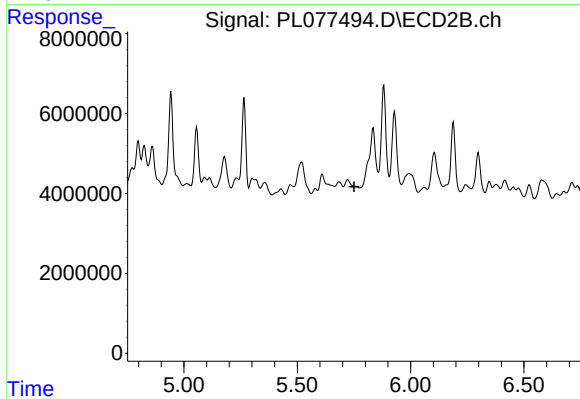
#14 Endrin

R.T.: 5.471 min  
Delta R.T.: 0.015 min  
Response: -1128401  
Conc: N.D.



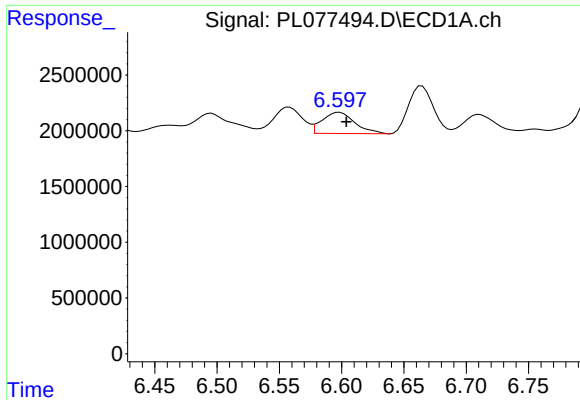
#15 Endosulfan II

R.T.: 6.711 min  
Delta R.T.: 0.020 min  
Response: 762585  
Conc: 0.68 ng/ml



#15 Endosulfan II

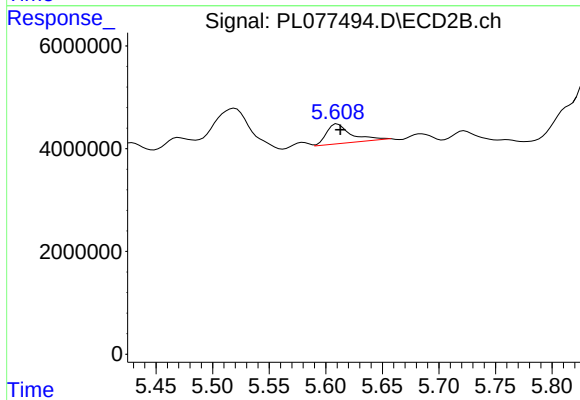
R.T.: 0.000 min  
Exp R.T. : 5.751 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

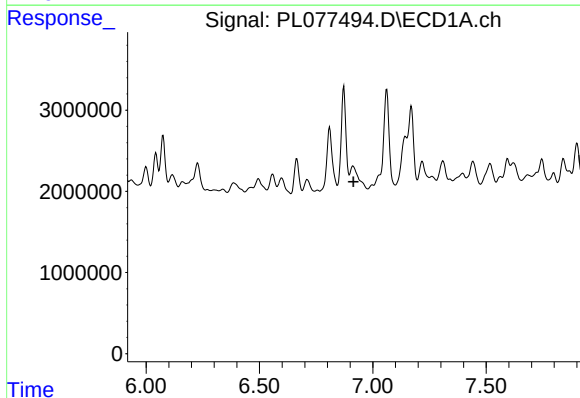
R.T.: 6.598 min  
Delta R.T.: -0.006 min  
Response: 3475098  
Conc: 3.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



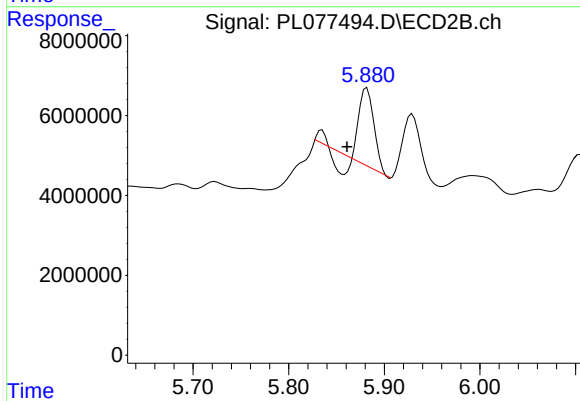
#16 4,4'-DDD

R.T.: 5.610 min  
Delta R.T.: -0.002 min  
Response: 5697172  
Conc: 2.49 ng/ml



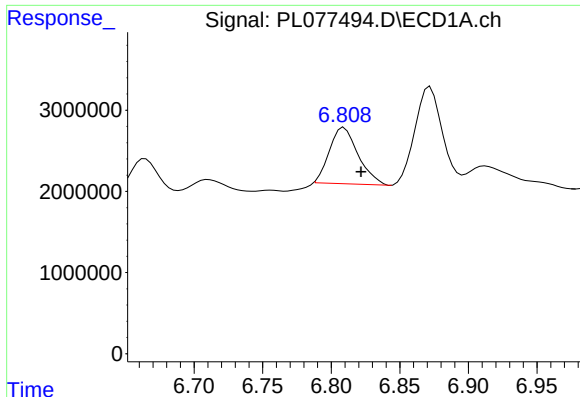
#17 4,4'-DDT

R.T.: 6.913 min  
Delta R.T.: -0.002 min  
Response: -10019393  
Conc: N.D.



#17 4,4'-DDT

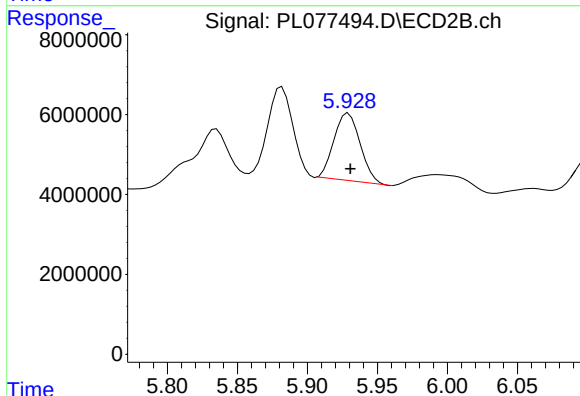
R.T.: 5.882 min  
Delta R.T.: 0.021 min  
Response: 17302251  
Conc: 7.46 ng/ml



#18 Endrin aldehyde

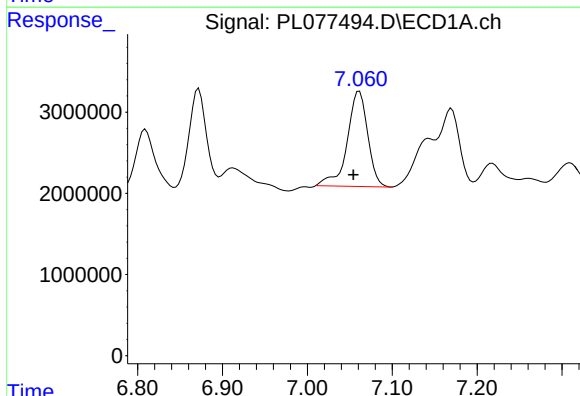
R.T.: 6.809 min  
Delta R.T.: -0.012 min  
Response: 10071945  
Conc: 10.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



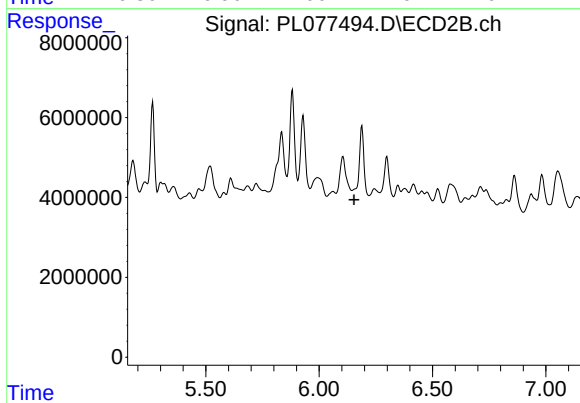
#18 Endrin aldehyde

R.T.: 5.929 min  
Delta R.T.: -0.002 min  
Response: 22023092  
Conc: 11.80 ng/ml



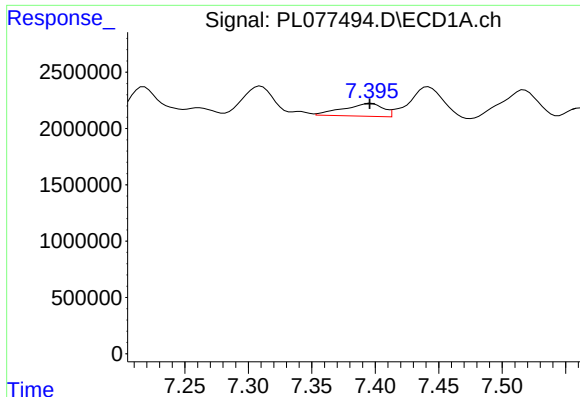
#19 Endosulfan Sulfate

R.T.: 7.061 min  
Delta R.T.: 0.007 min  
Response: 19673351  
Conc: 16.65 ng/ml



#19 Endosulfan Sulfate

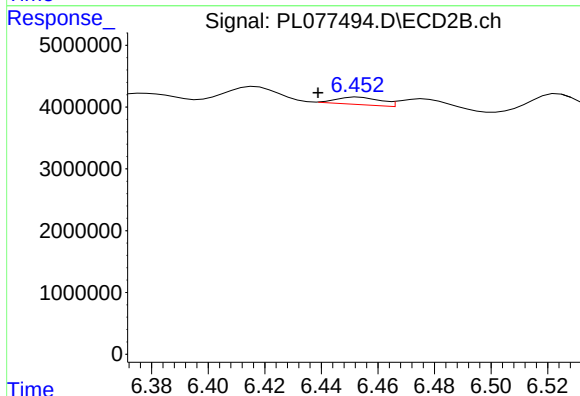
R.T.: 0.000 min  
Exp R.T. : 6.154 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

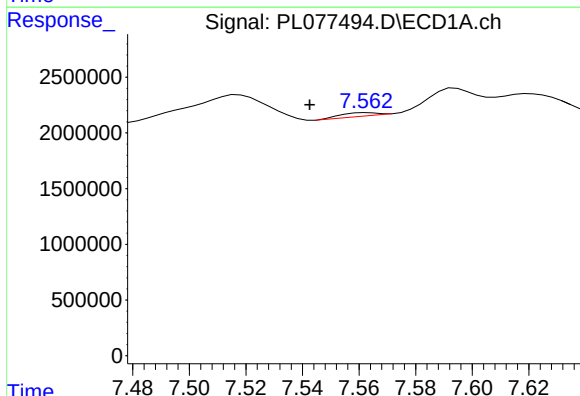
R.T.: 7.396 min  
Delta R.T.: 0.000 min  
Response: 2469558  
Conc: 4.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



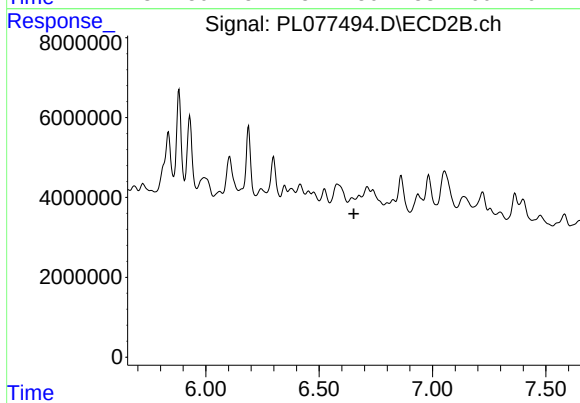
#20 Methoxychlor

R.T.: 6.453 min  
Delta R.T.: 0.014 min  
Response: 1319774  
Conc: 1.03 ng/ml



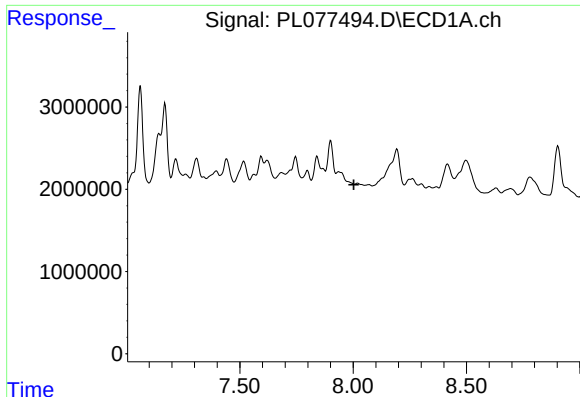
#21 Endrin ketone

R.T.: 7.563 min  
Delta R.T.: 0.020 min  
Response: 271387  
Conc: 0.22 ng/ml



#21 Endrin ketone

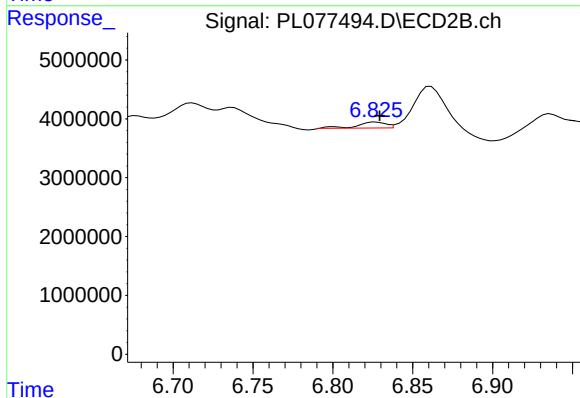
R.T.: 6.645 min  
Delta R.T.: -0.008 min  
Response: -156503  
Conc: N.D.



#22 Mirex

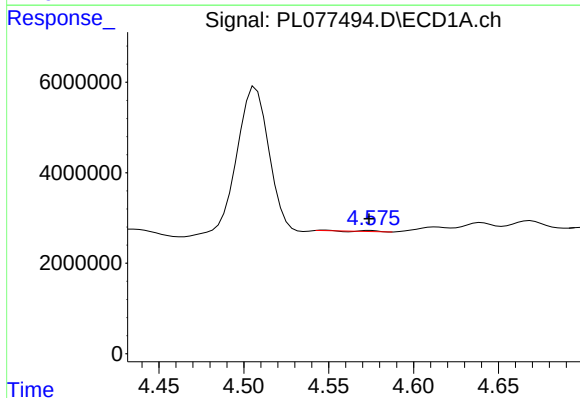
R.T.: 0.000 min  
Exp R.T.: 8.003 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



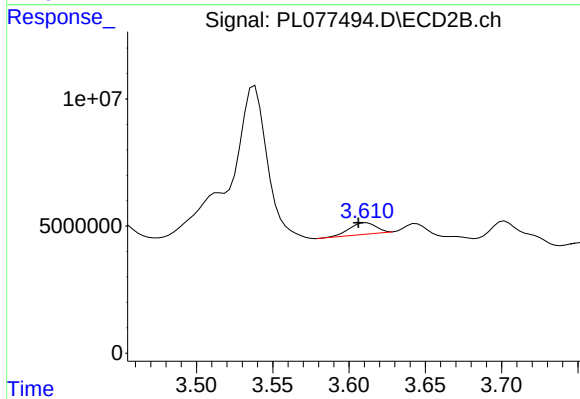
#22 Mirex

R.T.: 6.827 min  
Delta R.T.: -0.003 min  
Response: 1147585  
Conc: 0.57 ng/ml



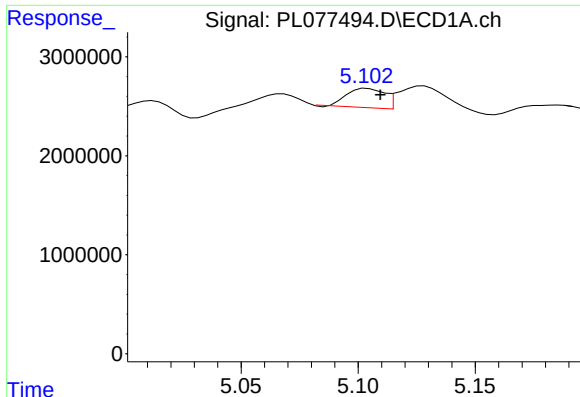
#23 Chlordane-1

R.T.: 4.574 min  
Delta R.T.: 0.000 min  
Response: 145717  
Conc: 2.88 ng/ml



#23 Chlordane-1

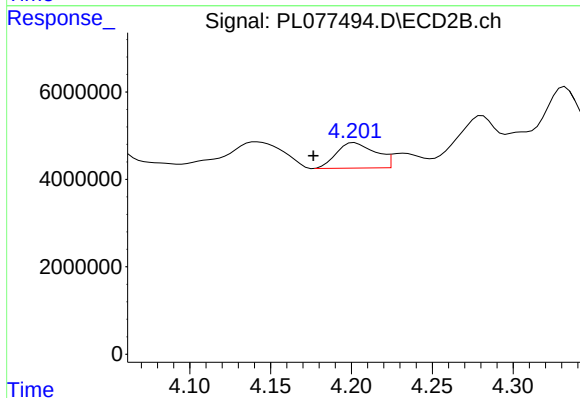
R.T.: 3.611 min  
Delta R.T.: 0.005 min  
Response: 5484122  
Conc: 62.17 ng/ml



#24 Chlordane-2

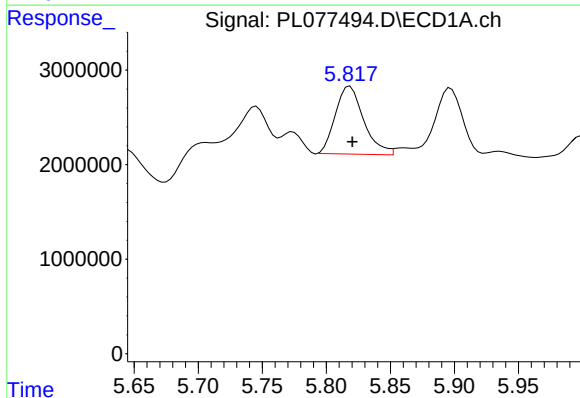
R.T.: 5.104 min  
Delta R.T.: -0.005 min  
Response: 2172872  
Conc: 35.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



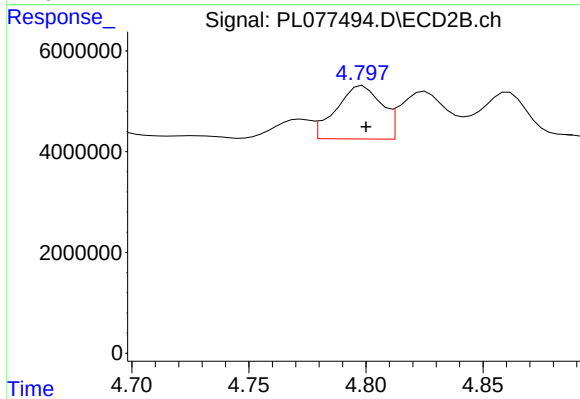
#24 Chlordane-2

R.T.: 4.202 min  
Delta R.T.: 0.026 min  
Response: 9726601  
Conc: 94.97 ng/ml



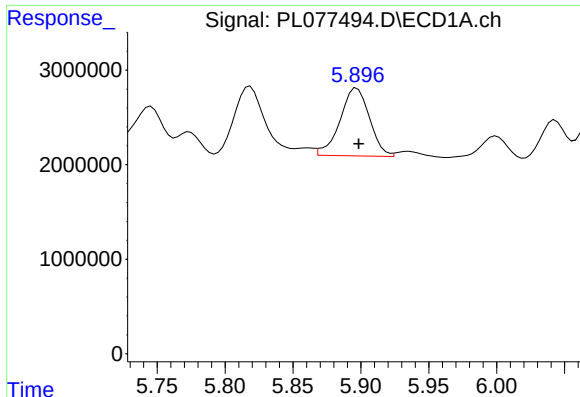
#25 Chlordane-3

R.T.: 5.819 min  
Delta R.T.: -0.002 min  
Response: 11050711  
Conc: 54.15 ng/ml



#25 Chlordane-3

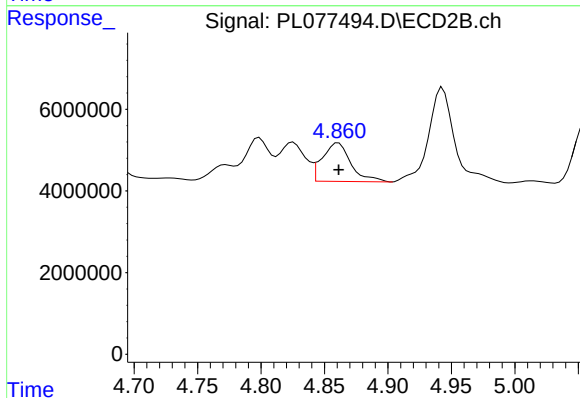
R.T.: 4.799 min  
Delta R.T.: -0.001 min  
Response: 14283646  
Conc: 47.47 ng/ml



#26 Chlordane-4

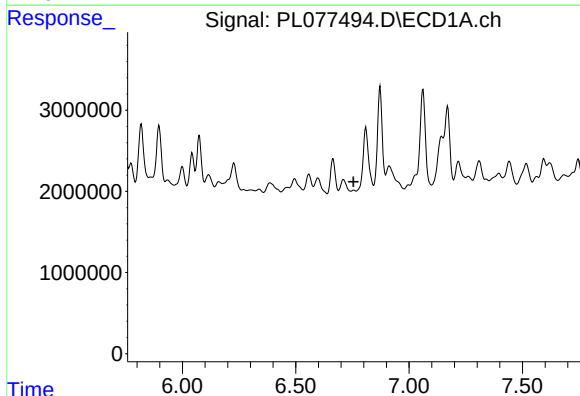
R.T.: 5.897 min  
Delta R.T.: -0.001 min  
Response: 10876291  
Conc: 43.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



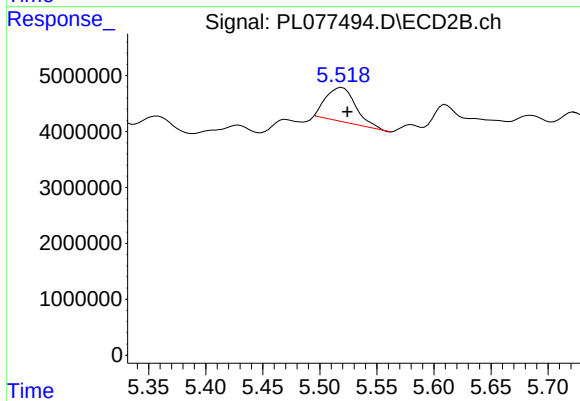
#26 Chlordane-4

R.T.: 4.861 min  
Delta R.T.: 0.000 min  
Response: 14755438  
Conc: 48.20 ng/ml



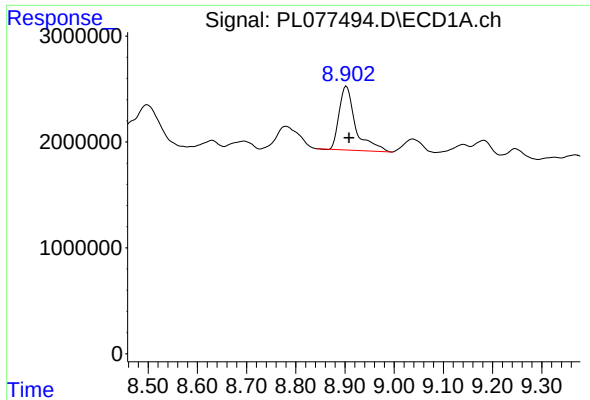
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.755 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

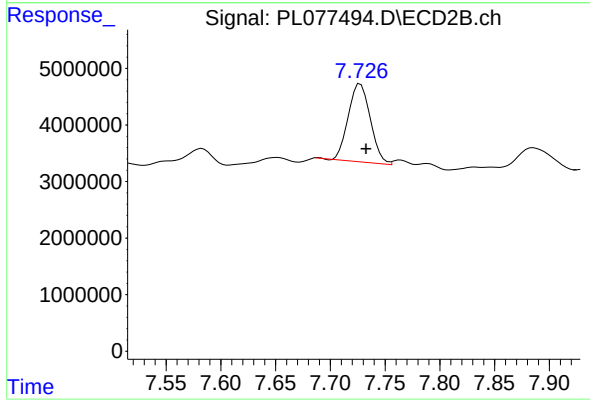
R.T.: 5.519 min  
Delta R.T.: -0.005 min  
Response: 11061177  
Conc: 143.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.903 min  
Delta R.T.: -0.005 min  
Response: 14006504  
Conc: 12.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.727 min  
Delta R.T.: -0.005 min  
Response: 19415308  
Conc: 8.23 ng/ml