

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091622\  
 Data File : PL077797.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Sep 2022 10:34  
 Operator : AR\AJ  
 Sample : N4630-01RE 10X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 16 18:35:25 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 13 13:26:11 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... | 3.422  | 2.626  | 1102558 | 3427025  | 0.688  | 1.154 #   |
| 28)                         | SA Decachlor... | 8.916  | 7.730  | 5461677 | 7179051  | 4.226  | 2.860 #   |
| Target Compounds            |                 |        |        |         |          |        |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.136f | 0       | 3563941  | N.D.   | 0.786 #   |
| 3)                          | MA gamma-BHC... | 4.226  | 3.469f | 1666655 | 373997   | 0.753  | 0.093 #   |
| 4)                          | MA Heptachlor   | 4.790  | 3.795f | 731825  | 301199   | 0.331  | 0.076 #   |
| 5)                          | MB Aldrin       | 5.140  | 4.042  | 1752654 | 3929888  | 0.882  | 1.036     |
| 6)                          | B beta-BHC      | 4.449f | 0.000  | 2020220 | 0        | 2.079  | N.D. #    |
| 7)                          | B delta-BHC     | 4.683  | 3.996f | 1337187 | 1327304  | 0.651  | 0.327 #   |
| 8)                          | B Heptachlo...  | 5.579  | 4.548  | 9422654 | 944928   | 5.405  | 0.279 #   |
| 10)                         | B gamma-Chl...  | 5.801f | 4.784  | 2598560 | 3281540  | 1.484  | 0.963 #   |
| 11)                         | B alpha-Chl...  | 5.894  | 4.833f | 1125411 | 3106825  | 0.652  | 0.938 #   |
| 12)                         | B 4,4'-DDE      | 6.081  | 5.057  | 1350281 | 1914661  | 0.848  | 0.588 #   |
| 13)                         | MA Dieldrin     | 6.234  | 5.188  | 4479275 | 3650515  | 2.775  | 1.101 #   |
| 14)                         | MA Endrin       | 6.467  | 5.432f | 947144  | 1020149  | 0.685  | 0.358 #   |
| 15)                         | B Endosulfa...  | 6.677  | 5.745  | 7002028 | 2670498  | 5.069  | 1.013 #   |
| 16)                         | A 4,4'-DDD      | 6.611  | 5.610  | 8511481 | 2242282  | 7.269  | 0.866 #   |
| 17)                         | MA 4,4'-DDT     | 6.922  | 5.855  | 1162473 | 10256820 | 0.917  | 3.893 #   |
| 18)                         | B Endrin al...  | 6.829  | 5.951f | 166458  | 16208452 | 0.157  | 7.855 #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.150  | 0       | 34624652 | N.D.   | 12.876 #  |
| 20)                         | A Methoxychlor  | 7.377f | 0.000  | 827465  | 0        | 1.253  | N.D. #    |
| 23)                         | Chlordane-1     | 4.598f | 3.609  | 780701  | 3280039  | 12.558 | 30.185 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.169  | 0       | 2140238  | N.D.   | 17.867 #  |
| 25)                         | Chlordane-3     | 5.801f | 4.784  | 2598560 | 3281540  | 10.552 | 9.540     |
| 26)                         | Chlordane-4     | 5.894  | 4.833f | 1125411 | 3106825  | 3.782  | 8.563 #   |
| 27)                         | Chlordane-5     | 6.756  | 5.530  | 995350  | 12534351 | 20.042 | 133.213 # |
| -----                       |                 |        |        |         |          |        |           |

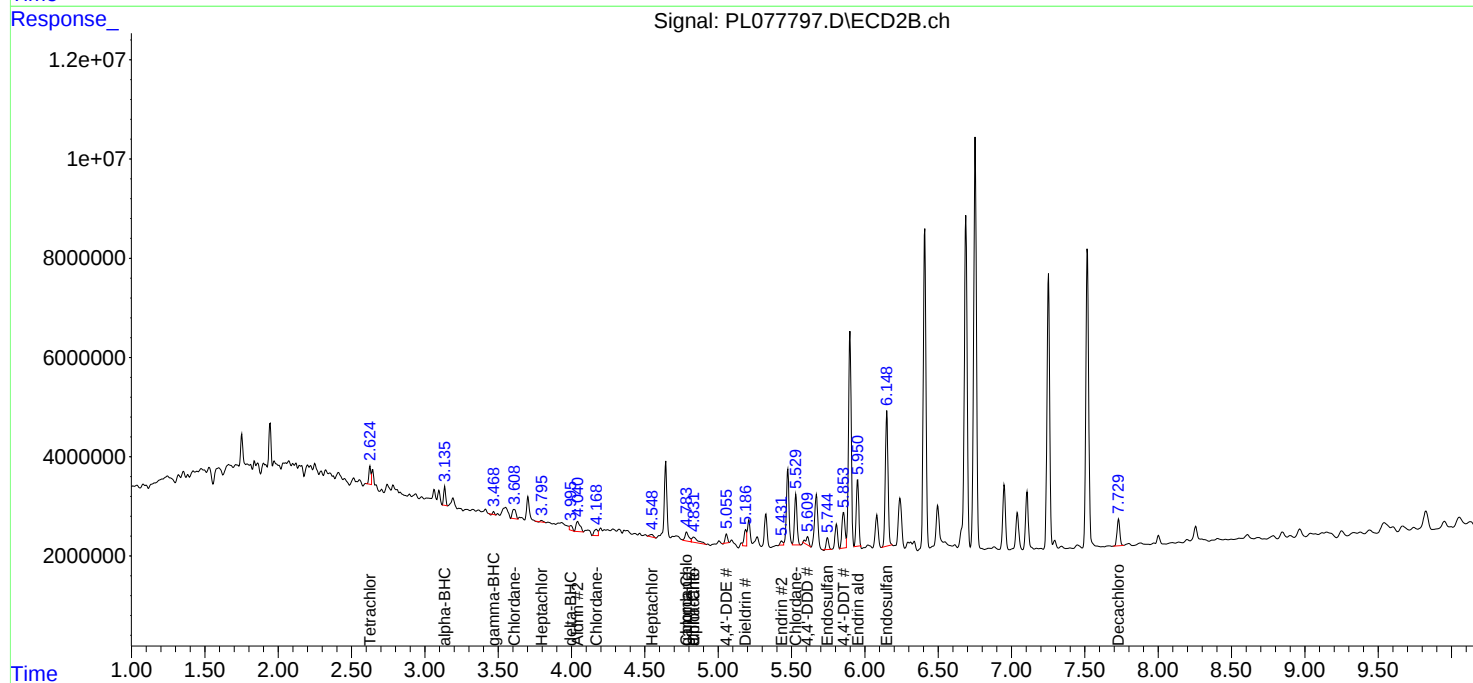
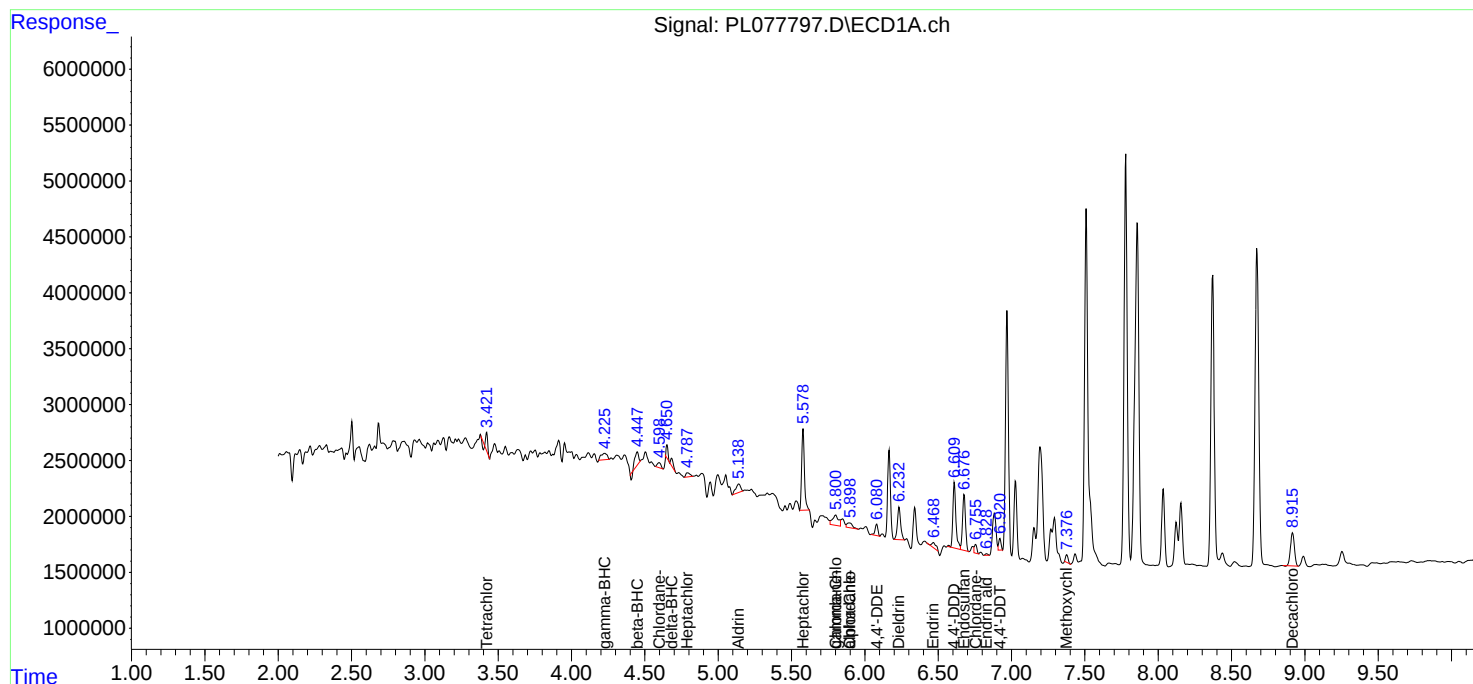
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

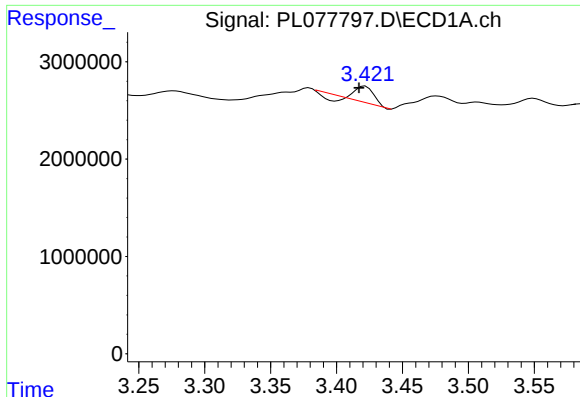
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091622\  
Data File : PL077797.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Sep 2022 10:34  
Operator : AR\AJ  
Sample : N4630-01RE 10X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 16 18:35:25 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 13 13:26:11 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

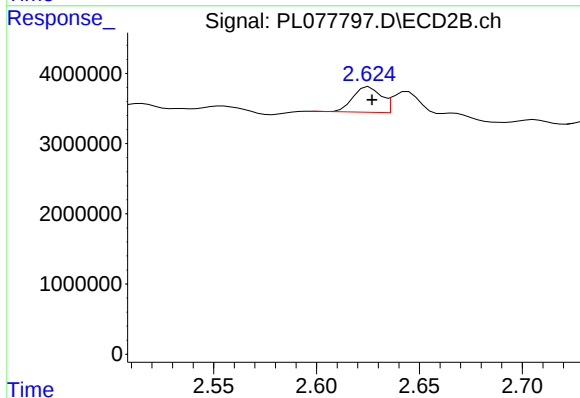




#1 Tetrachloro-m-xylene

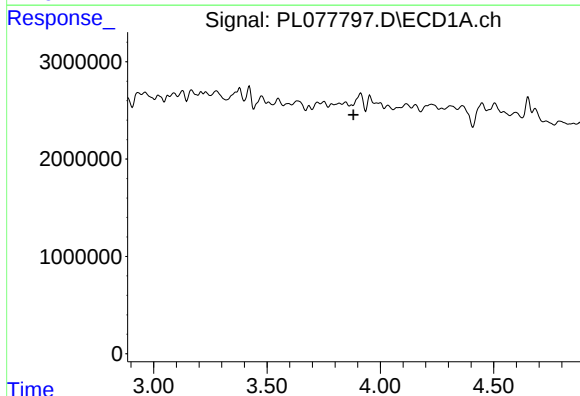
R.T.: 3.422 min  
Delta R.T.: 0.005 min  
Response: 1102558  
Conc: 0.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



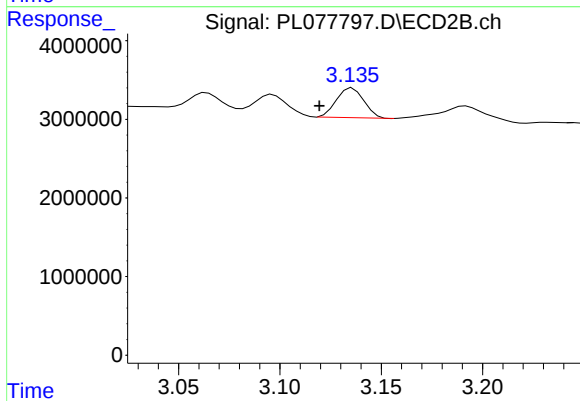
#1 Tetrachloro-m-xylene

R.T.: 2.626 min  
Delta R.T.: -0.001 min  
Response: 3427025  
Conc: 1.15 ng/ml



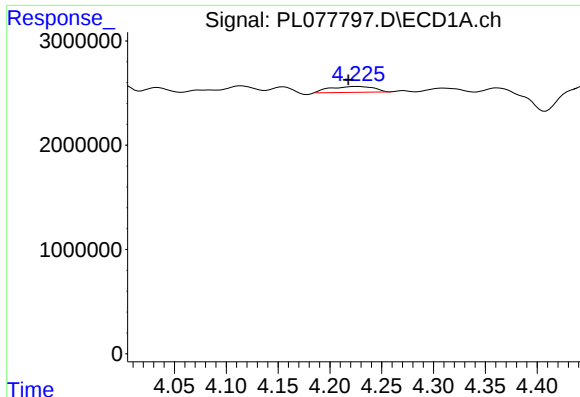
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.882 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

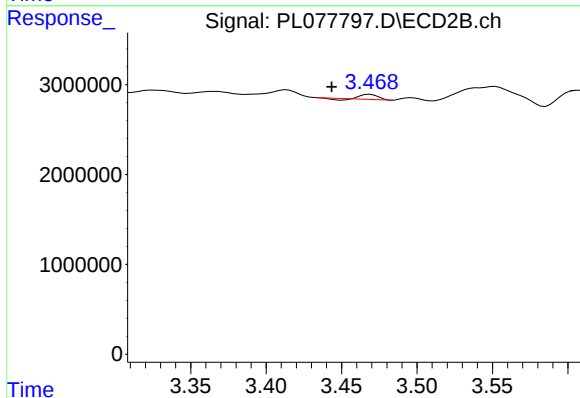
R.T.: 3.136 min  
Delta R.T.: 0.016 min  
Response: 3563941  
Conc: 0.79 ng/ml



#3 gamma-BHC (Lindane)

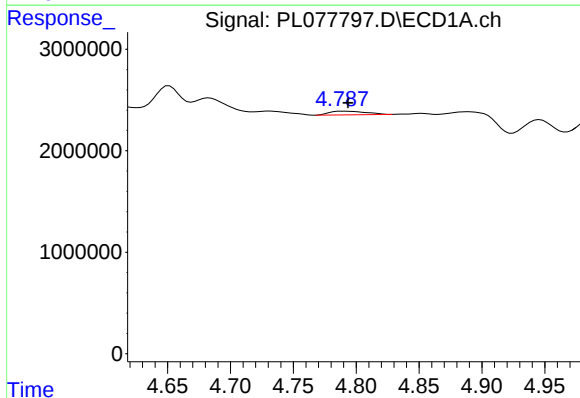
R.T.: 4.226 min  
Delta R.T.: 0.008 min  
Response: 1666655  
Conc: 0.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



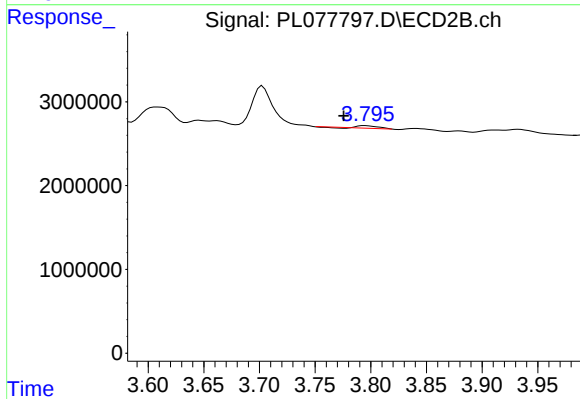
#3 gamma-BHC (Lindane)

R.T.: 3.469 min  
Delta R.T.: 0.026 min  
Response: 373997  
Conc: 0.09 ng/ml



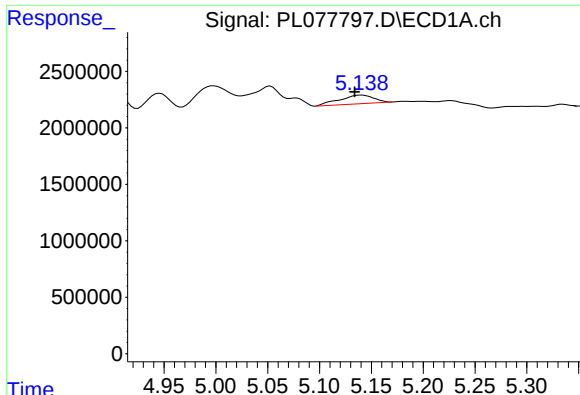
#4 Heptachlor

R.T.: 4.790 min  
Delta R.T.: -0.003 min  
Response: 731825  
Conc: 0.33 ng/ml



#4 Heptachlor

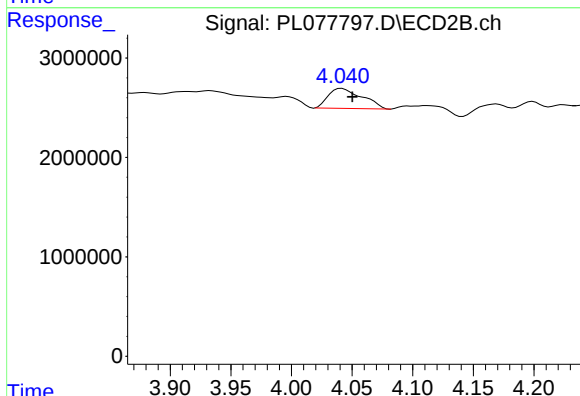
R.T.: 3.795 min  
Delta R.T.: 0.019 min  
Response: 301199  
Conc: 0.08 ng/ml



#5 Aldrin

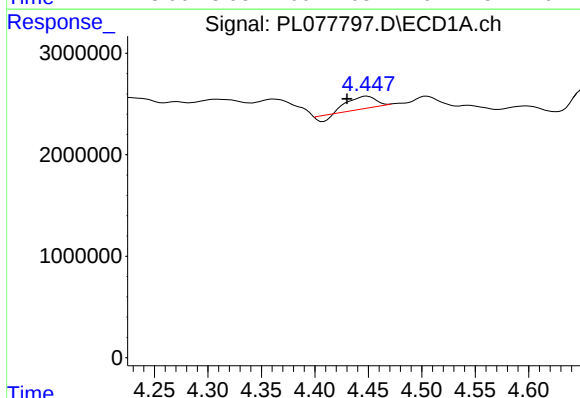
R.T.: 5.140 min  
Delta R.T.: 0.006 min  
Response: 1752654  
Conc: 0.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



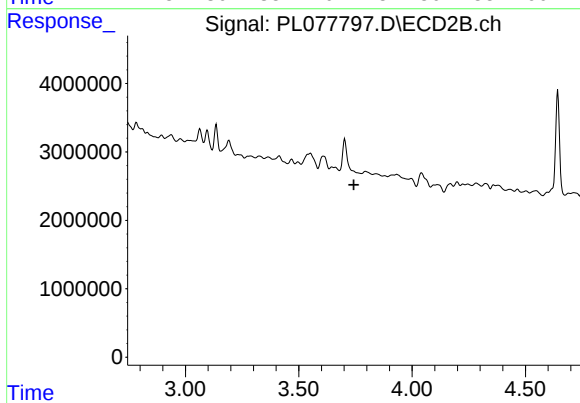
#5 Aldrin

R.T.: 4.042 min  
Delta R.T.: -0.009 min  
Response: 3929888  
Conc: 1.04 ng/ml



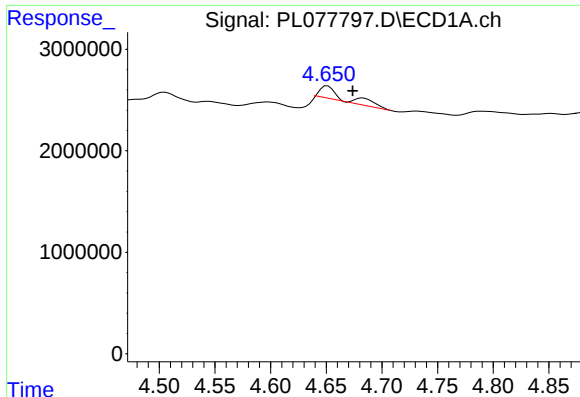
#6 beta-BHC

R.T.: 4.449 min  
Delta R.T.: 0.019 min  
Response: 2020220  
Conc: 2.08 ng/ml



#6 beta-BHC

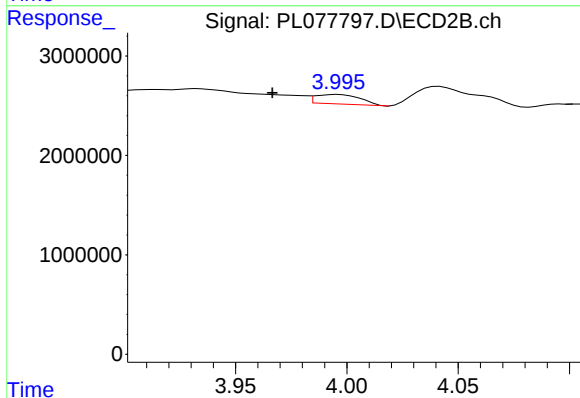
R.T.: 0.000 min  
Exp R.T. : 3.743 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

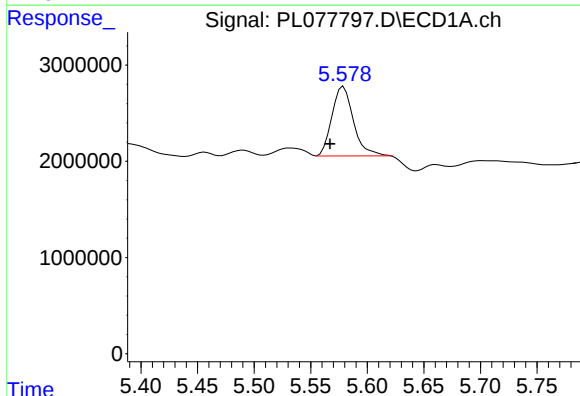
R.T.: 4.683 min  
Delta R.T.: 0.009 min  
Response: 1337187  
Conc: 0.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



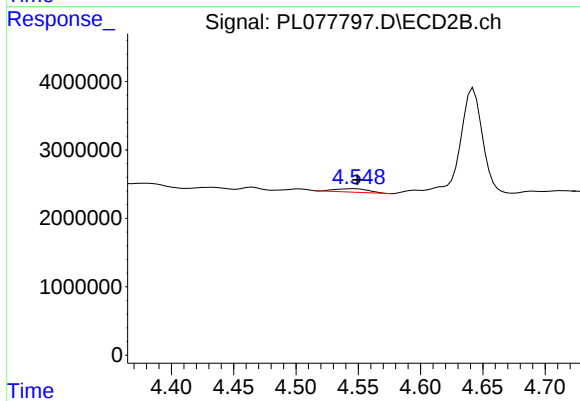
#7 delta-BHC

R.T.: 3.996 min  
Delta R.T.: 0.030 min  
Response: 1327304  
Conc: 0.33 ng/ml



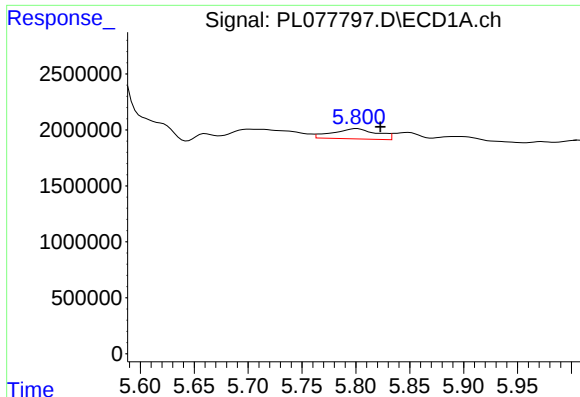
#8 Heptachlor epoxide

R.T.: 5.579 min  
Delta R.T.: 0.012 min  
Response: 9422654  
Conc: 5.41 ng/ml



#8 Heptachlor epoxide

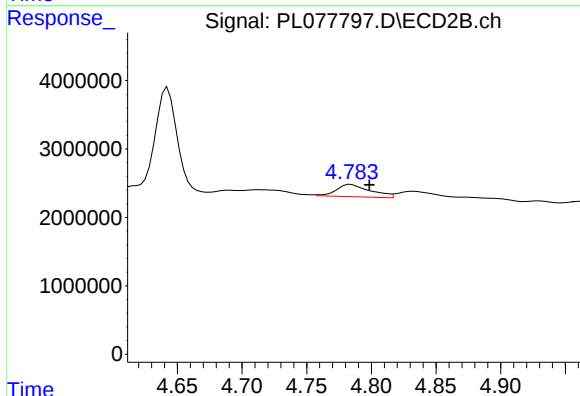
R.T.: 4.548 min  
Delta R.T.: -0.002 min  
Response: 944928  
Conc: 0.28 ng/ml



#10 gamma-Chlordane

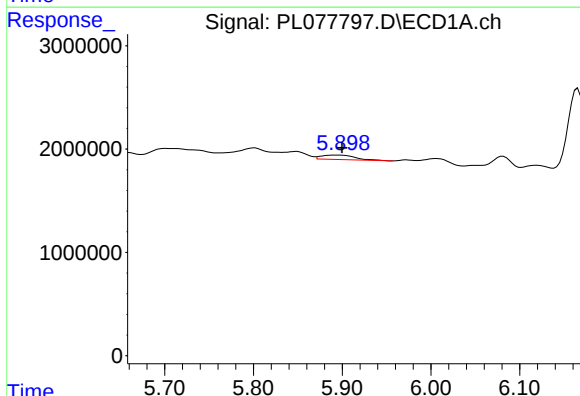
R.T.: 5.801 min  
Delta R.T.: -0.022 min  
Response: 2598560  
Conc: 1.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



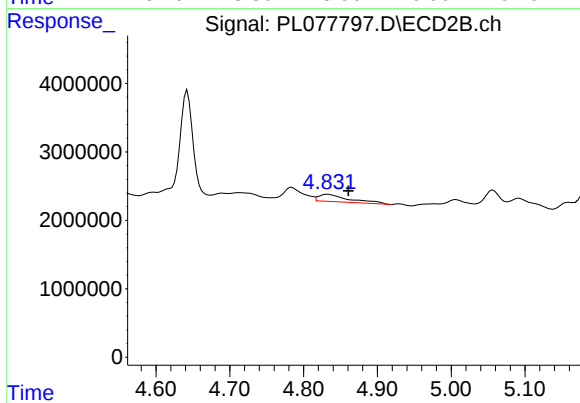
#10 gamma-Chlordane

R.T.: 4.784 min  
Delta R.T.: -0.014 min  
Response: 3281540  
Conc: 0.96 ng/ml



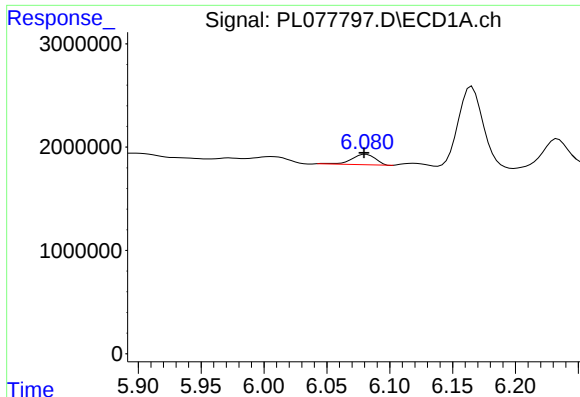
#11 alpha-Chlordane

R.T.: 5.894 min  
Delta R.T.: -0.006 min  
Response: 1125411  
Conc: 0.65 ng/ml



#11 alpha-Chlordane

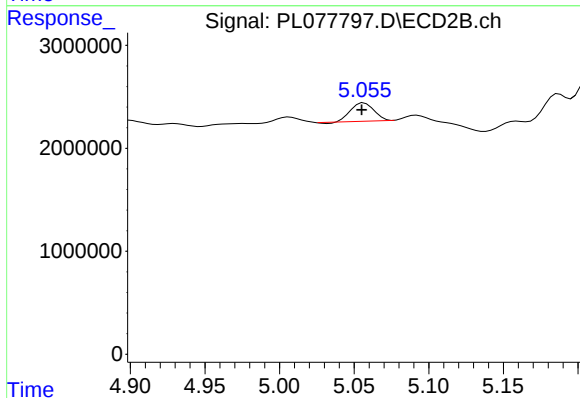
R.T.: 4.833 min  
Delta R.T.: -0.028 min  
Response: 3106825  
Conc: 0.94 ng/ml



#12 4,4'-DDE

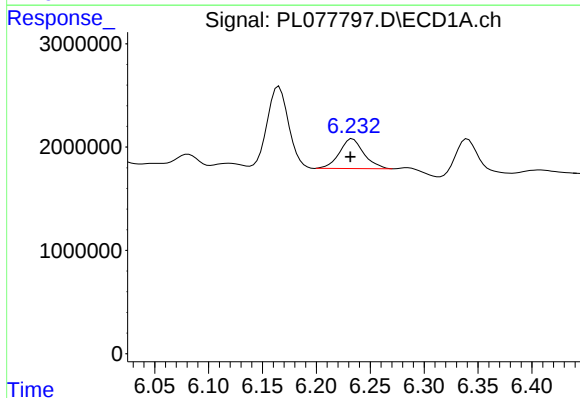
R.T.: 6.081 min  
Delta R.T.: 0.002 min  
Response: 1350281  
Conc: 0.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



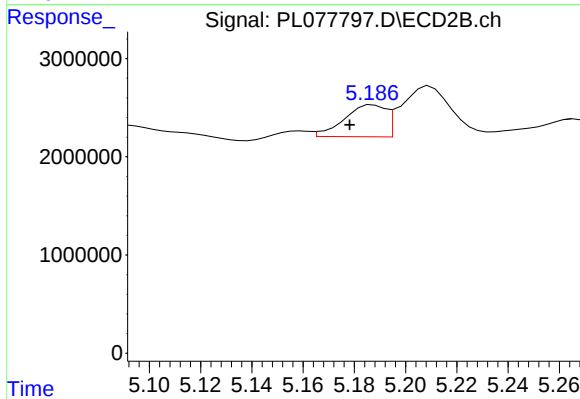
#12 4,4'-DDE

R.T.: 5.057 min  
Delta R.T.: 0.002 min  
Response: 1914661  
Conc: 0.59 ng/ml



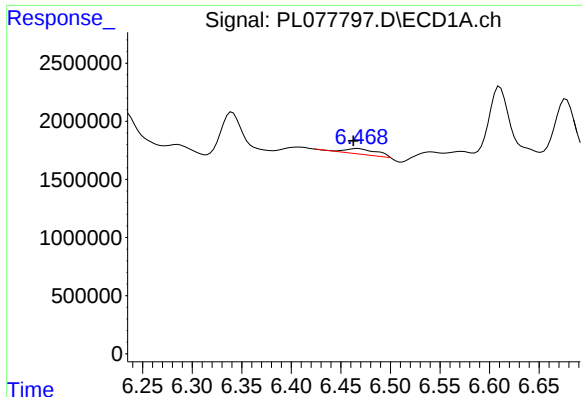
#13 Dieldrin

R.T.: 6.234 min  
Delta R.T.: 0.002 min  
Response: 4479275  
Conc: 2.78 ng/ml



#13 Dieldrin

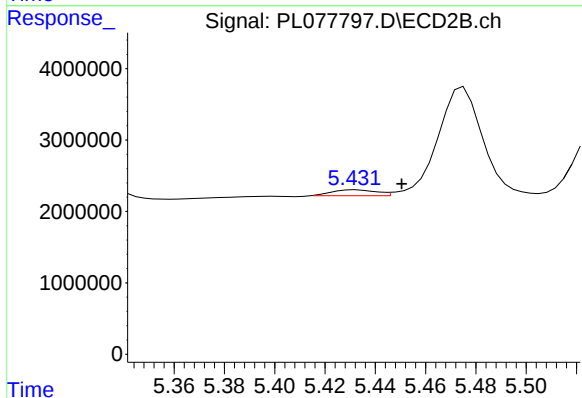
R.T.: 5.188 min  
Delta R.T.: 0.010 min  
Response: 3650515  
Conc: 1.10 ng/ml



#14 Endrin

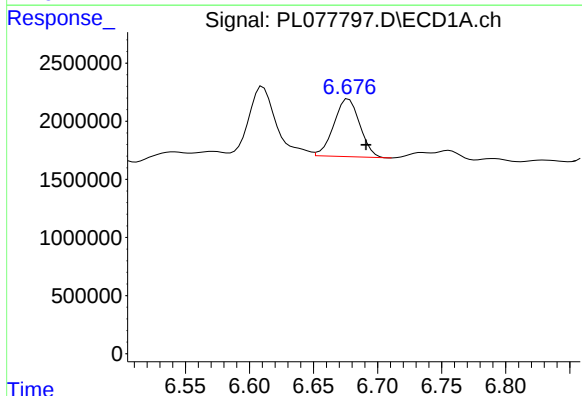
R.T.: 6.467 min  
Delta R.T.: 0.005 min  
Response: 947144  
Conc: 0.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



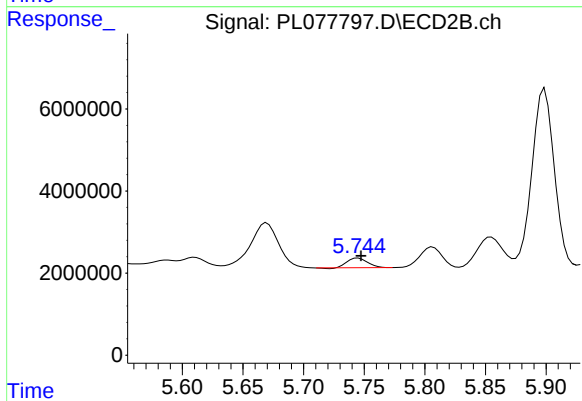
#14 Endrin

R.T.: 5.432 min  
Delta R.T.: -0.018 min  
Response: 1020149  
Conc: 0.36 ng/ml



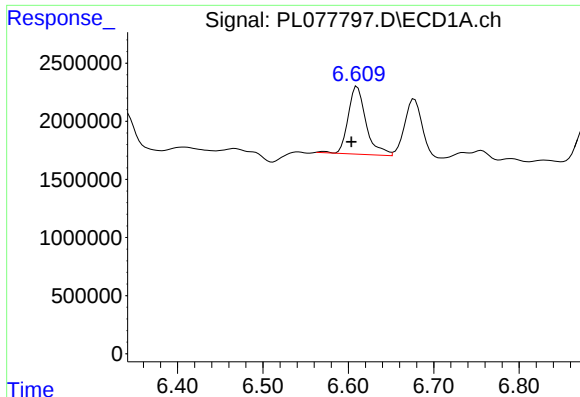
#15 Endosulfan II

R.T.: 6.677 min  
Delta R.T.: -0.014 min  
Response: 7002028  
Conc: 5.07 ng/ml



#15 Endosulfan II

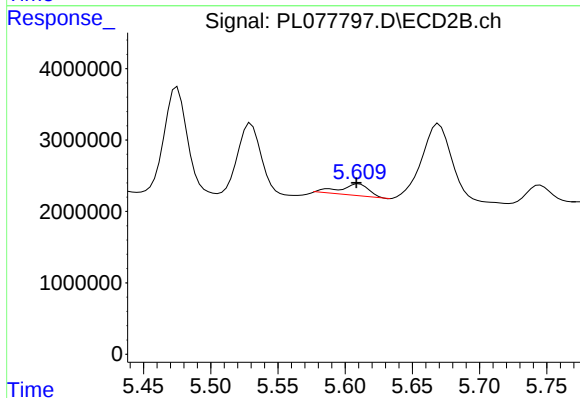
R.T.: 5.745 min  
Delta R.T.: -0.002 min  
Response: 2670498  
Conc: 1.01 ng/ml



#16 4,4'-DDD

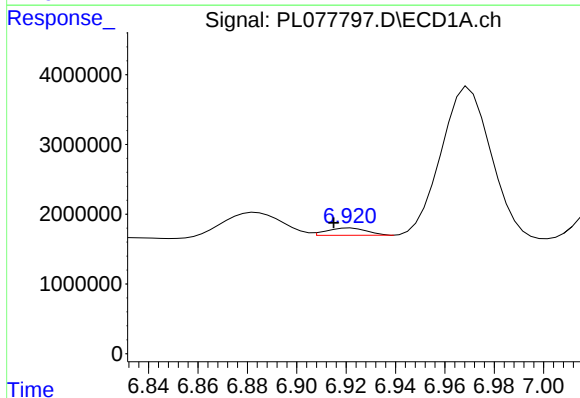
R.T.: 6.611 min  
Delta R.T.: 0.007 min  
Response: 8511481  
Conc: 7.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



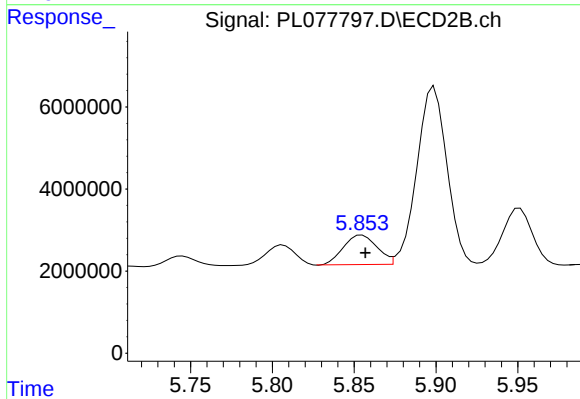
#16 4,4'-DDD

R.T.: 5.610 min  
Delta R.T.: 0.002 min  
Response: 2242282  
Conc: 0.87 ng/ml



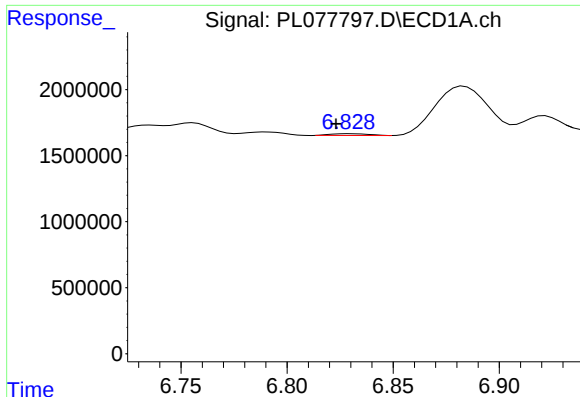
#17 4,4'-DDT

R.T.: 6.922 min  
Delta R.T.: 0.007 min  
Response: 1162473  
Conc: 0.92 ng/ml



#17 4,4'-DDT

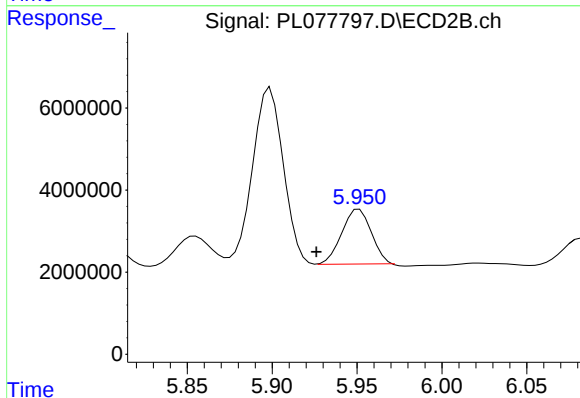
R.T.: 5.855 min  
Delta R.T.: -0.002 min  
Response: 10256820  
Conc: 3.89 ng/ml



#18 Endrin aldehyde

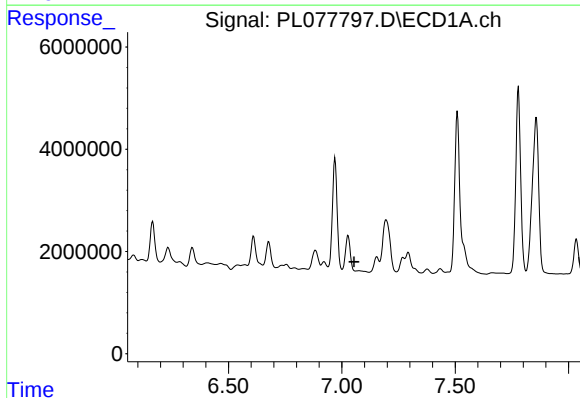
R.T.: 6.829 min  
Delta R.T.: 0.006 min  
Response: 166458  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



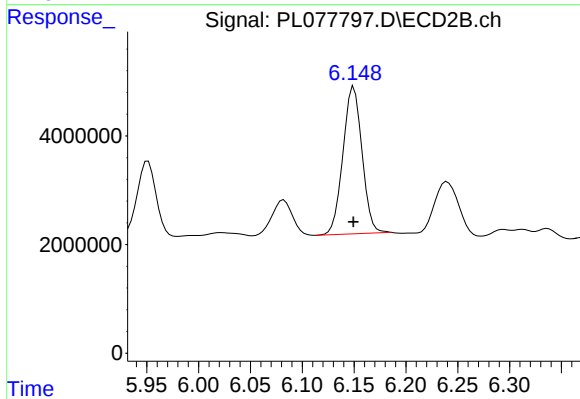
#18 Endrin aldehyde

R.T.: 5.951 min  
Delta R.T.: 0.025 min  
Response: 16208452  
Conc: 7.85 ng/ml



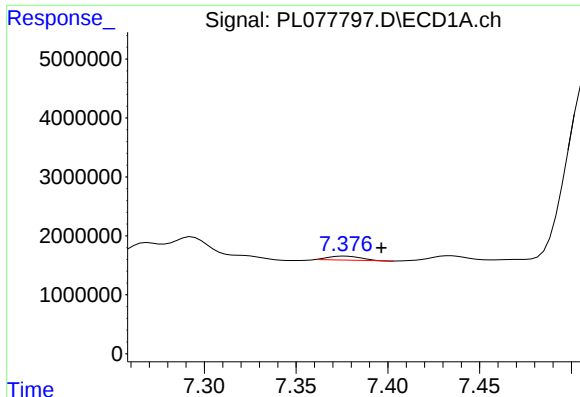
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.055 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

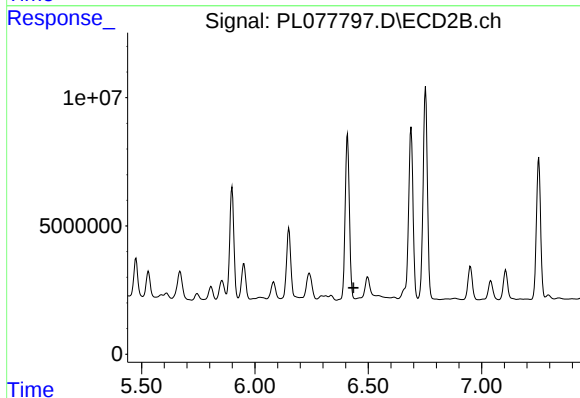
R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: 34624652  
Conc: 12.88 ng/ml



#20 Methoxychlor

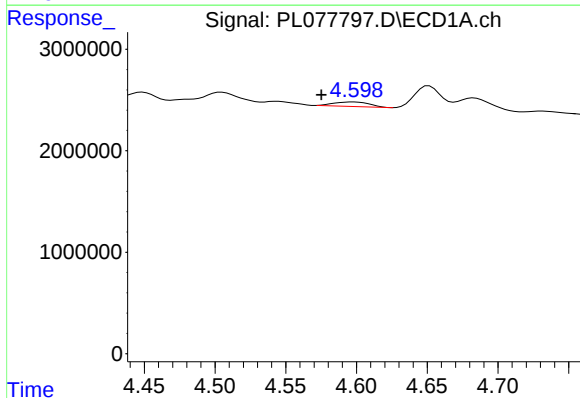
R.T.: 7.377 min  
Delta R.T.: -0.020 min  
Response: 827465  
Conc: 1.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



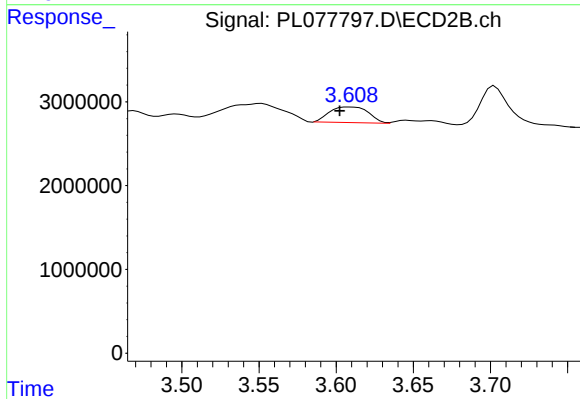
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.435 min  
Response: 0  
Conc: N.D.



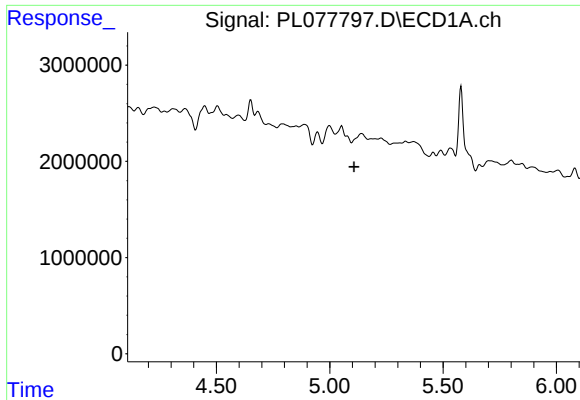
#23 Chlordane-1

R.T.: 4.598 min  
Delta R.T.: 0.022 min  
Response: 780701  
Conc: 12.56 ng/ml



#23 Chlordane-1

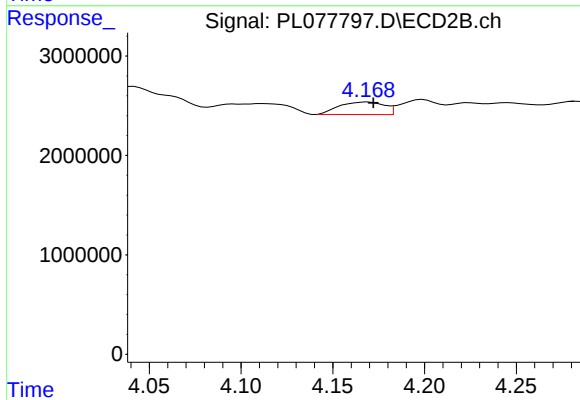
R.T.: 3.609 min  
Delta R.T.: 0.006 min  
Response: 3280039  
Conc: 30.19 ng/ml



#24 Chlordane-2

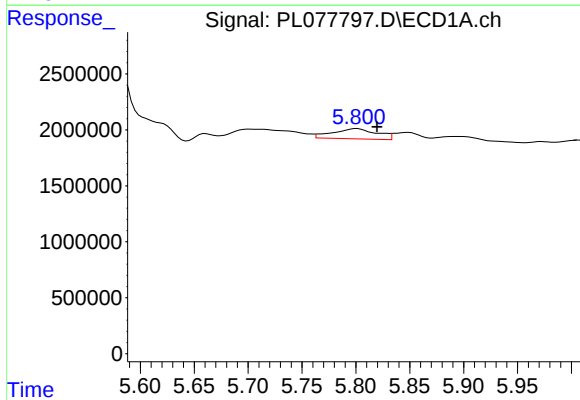
R.T.: 0.000 min  
Exp R.T.: 5.108 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



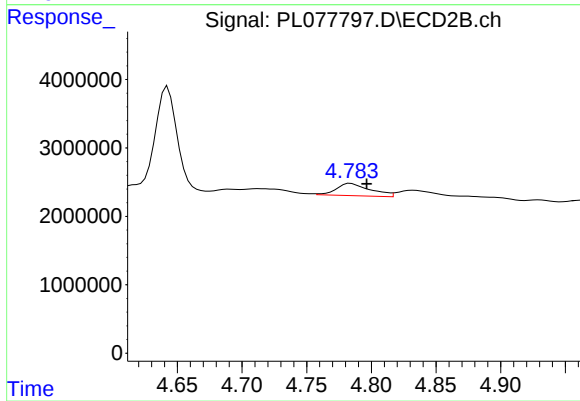
#24 Chlordane-2

R.T.: 4.169 min  
Delta R.T.: -0.003 min  
Response: 2140238  
Conc: 17.87 ng/ml



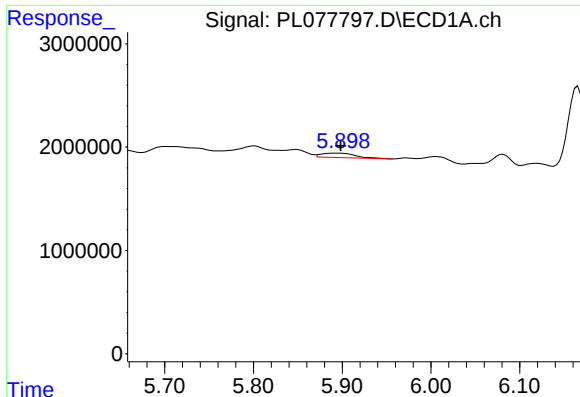
#25 Chlordane-3

R.T.: 5.801 min  
Delta R.T.: -0.019 min  
Response: 2598560  
Conc: 10.55 ng/ml



#25 Chlordane-3

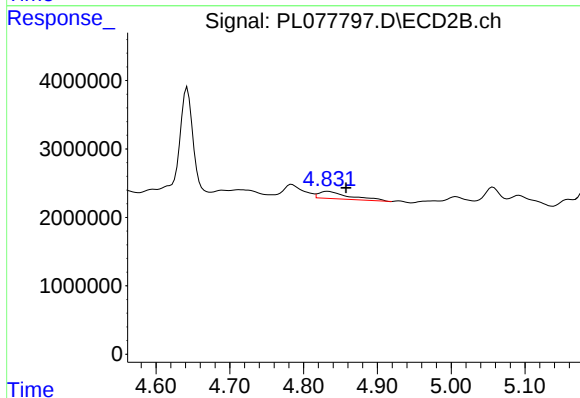
R.T.: 4.784 min  
Delta R.T.: -0.012 min  
Response: 3281540  
Conc: 9.54 ng/ml



#26 Chlordane-4

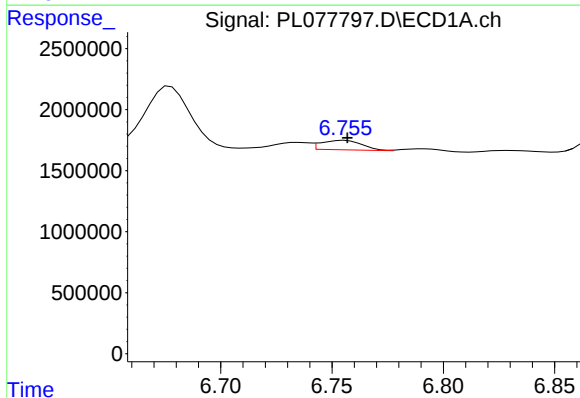
R.T.: 5.894 min  
Delta R.T.: -0.004 min  
Response: 1125411  
Conc: 3.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



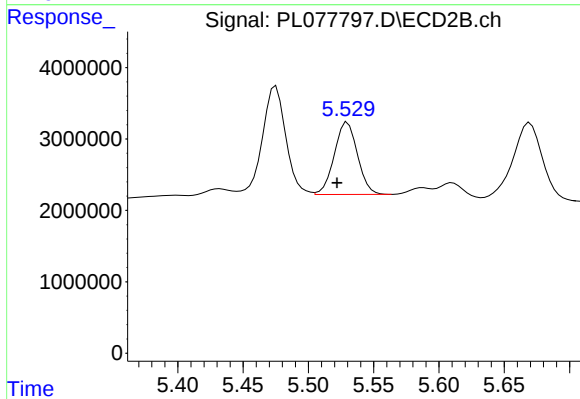
#26 Chlordane-4

R.T.: 4.833 min  
Delta R.T.: -0.025 min  
Response: 3106825  
Conc: 8.56 ng/ml



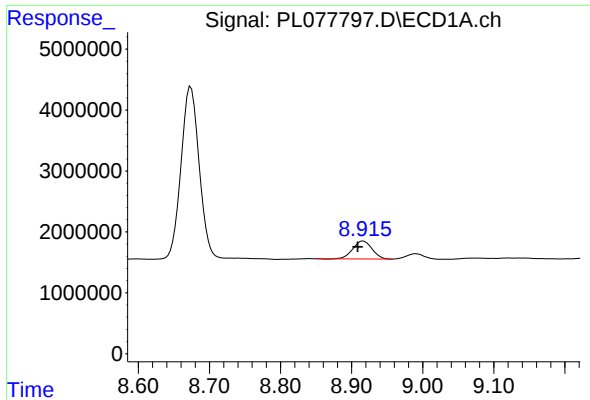
#27 Chlordane-5

R.T.: 6.756 min  
Delta R.T.: -0.001 min  
Response: 995350  
Conc: 20.04 ng/ml



#27 Chlordane-5

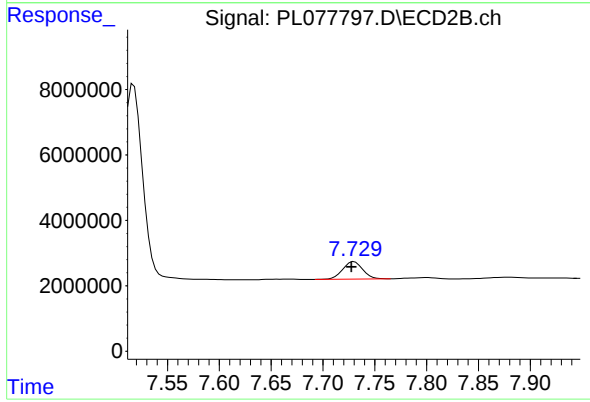
R.T.: 5.530 min  
Delta R.T.: 0.008 min  
Response: 12534351  
Conc: 133.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.916 min  
Delta R.T.: 0.008 min  
Response: 5461677  
Conc: 4.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.730 min  
Delta R.T.: 0.003 min  
Response: 7179051  
Conc: 2.86 ng/ml