

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090722\  
 Data File : PL077586.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2022 02:07  
 Operator : AR\AJ  
 Sample : N4509-05  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 S1-SO\_116D-20220902

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 08 04:52:51 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... | 3.416  | 2.628  | 20932589 | 32430567 | 12.243 | 12.256   |
| 28)                         | SA Decachlor... | 8.905  | 7.726  | 21973663 | 30805839 | 14.650 | 15.621   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 4)                          | MA Heptachlor   | 4.819f | 3.796f | 508490   | 11528617 | 0.217  | 3.474 #  |
| 5)                          | MB Aldrin       | 5.107f | 4.036f | 1283397  | 7786902  | 0.579  | 2.460 #  |
| 7)                          | B delta-BHC     | 4.696f | 3.973  | 5588929  | 4203107  | 2.968  | 1.183 #  |
| 8)                          | B Heptachlo...  | 5.561  | 4.548  | 5826642  | 313997   | 3.642  | 0.115 #  |
| 9)                          | A Endosulfan I  | 0.000  | 4.924  | 0        | 59699    | N.D.   | 0.023 #  |
| 10)                         | B gamma-Chl...  | 5.822  | 4.781f | 7100287  | 7486390  | 3.786  | 2.673 #  |
| 11)                         | B alpha-Chl...  | 5.899  | 4.871  | 4653460  | 9614396  | 2.467  | 3.570 #  |
| 12)                         | B 4,4'-DDE      | 6.075  | 5.055  | 6313132  | 5466231  | 3.604  | 2.014 #  |
| 13)                         | MA Dieldrin     | 6.223  | 5.184  | 479517   | 5095501  | 0.262  | 1.860 #  |
| 14)                         | MA Endrin       | 6.460  | 5.470f | 4616504  | 1363768  | 3.049  | 0.662 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.738  | 0        | 5829485  | N.D.   | 2.479 #  |
| 16)                         | A 4,4'-DDD      | 6.602  | 0.000  | 1798048  | 0        | 1.361  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.912  | 5.850  | 862251   | 5572038  | 0.544  | 2.610 #  |
| 18)                         | B Endrin al...  | 0.000  | 5.947f | 0        | 541058   | N.D.   | 0.311 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.147  | 0        | 854665   | N.D.   | 0.387 #  |
| 21)                         | B Endrin ke...  | 7.569f | 0.000  | 1189198  | 0        | 0.770  | N.D. #   |
| 22)                         | Mirex           | 7.993  | 0.000  | 187470   | 0        | 0.154  | N.D. #   |
| 23)                         | Chlordane-1     | 4.575  | 3.604  | 2557855  | 3914530  | 39.555 | 46.800   |
| 24)                         | Chlordane-2     | 5.107  | 4.176  | 1283397  | 1775151  | 16.936 | 18.024   |
| 25)                         | Chlordane-3     | 5.822  | 4.781f | 7100287  | 7486390  | 26.204 | 26.210   |
| 26)                         | Chlordane-4     | 5.899  | 4.871  | 4653460  | 9614396  | 13.912 | 32.434 # |
| 27)                         | Chlordane-5     | 0.000  | 5.528  | 0        | 2985000  | N.D.   | 43.023 # |
| -----                       |                 |        |        |          |          |        |          |

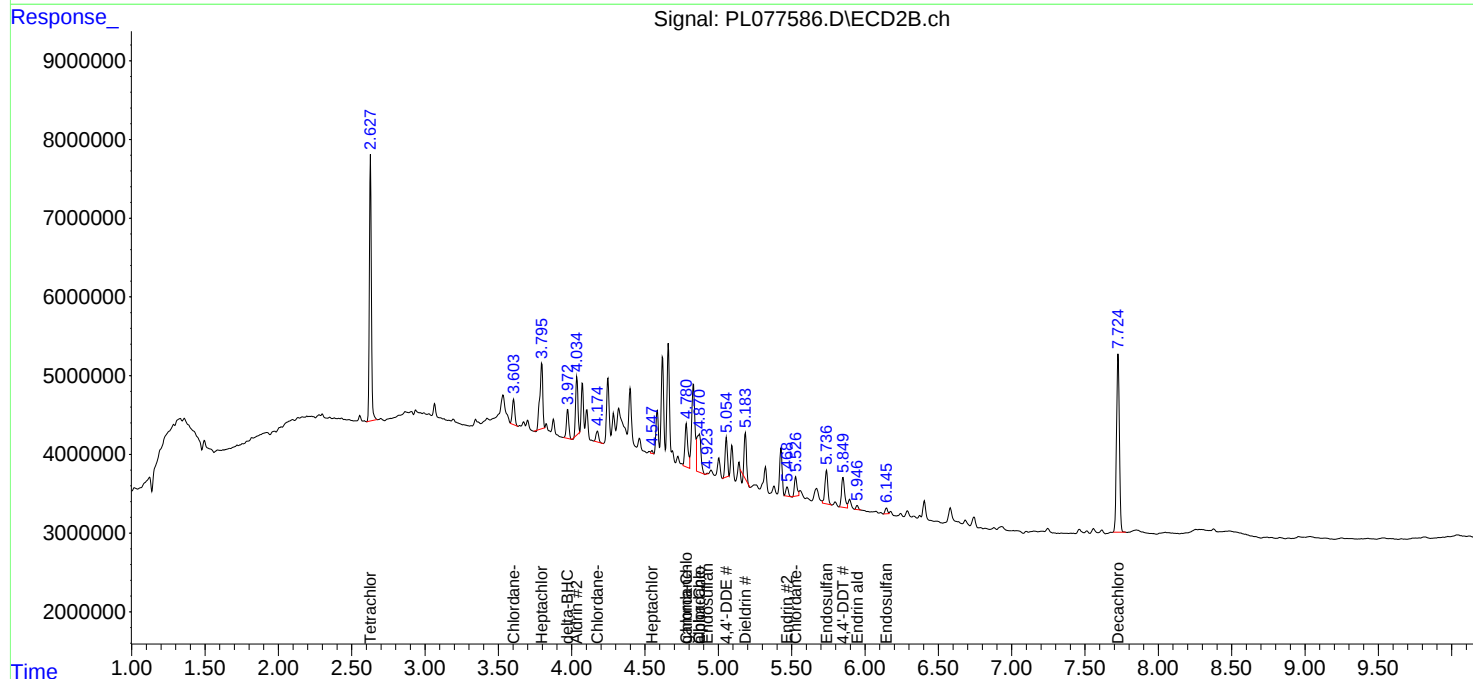
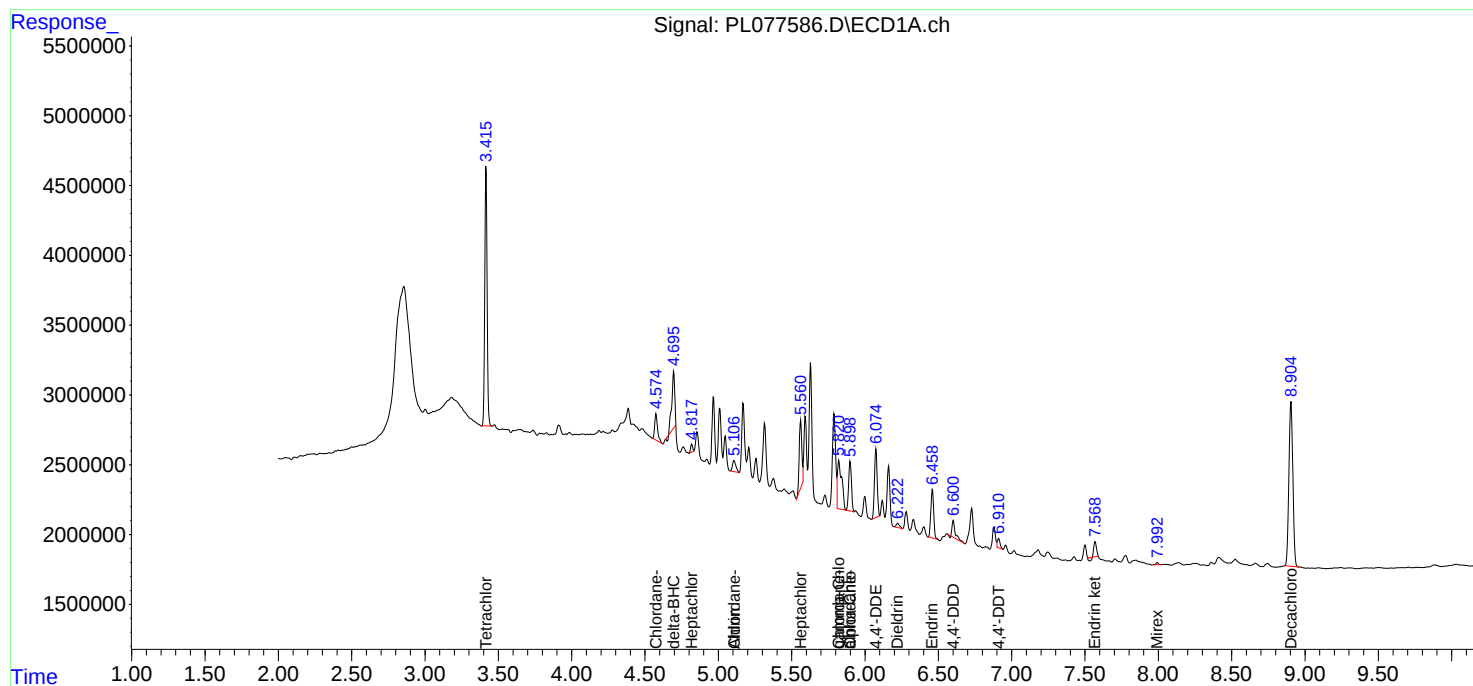
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

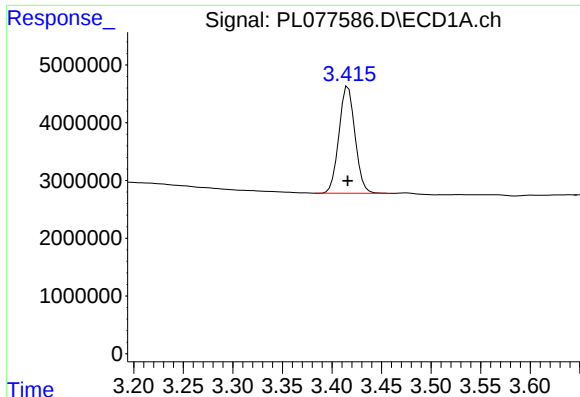
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090722\  
Data File : PL077586.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2022 02:07  
Operator : AR\AJ  
Sample : N4509-05  
Misc :  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
S1-SO\_116D-20220902

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 08 04:52:51 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

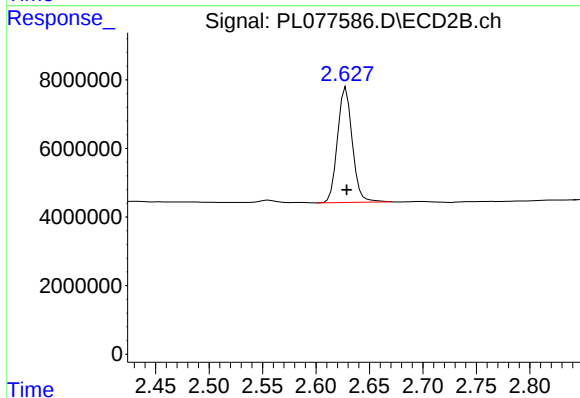




#1 Tetrachloro-m-xylene

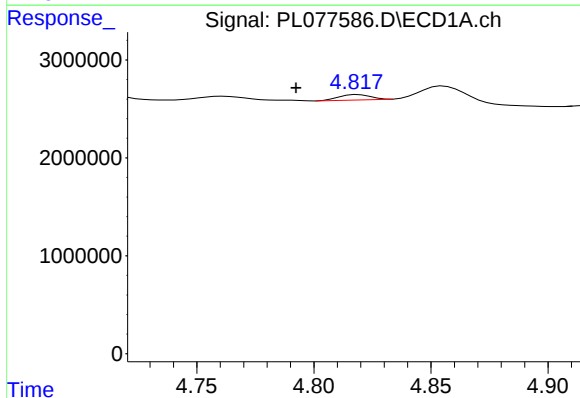
R.T.: 3.416 min  
Delta R.T.: 0.000 min  
Response: 20932589  
Conc: 12.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S1-SO\_116D-20220902



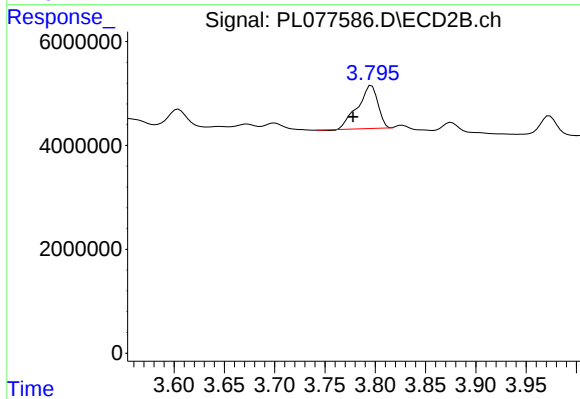
#1 Tetrachloro-m-xylene

R.T.: 2.628 min  
Delta R.T.: 0.000 min  
Response: 32430567  
Conc: 12.26 ng/ml



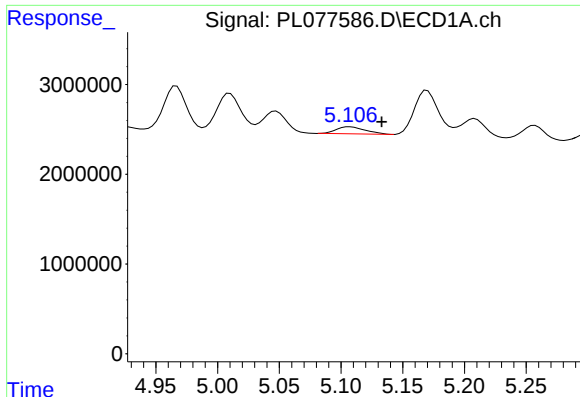
#4 Heptachlor

R.T.: 4.819 min  
Delta R.T.: 0.027 min  
Response: 508490  
Conc: 0.22 ng/ml



#4 Heptachlor

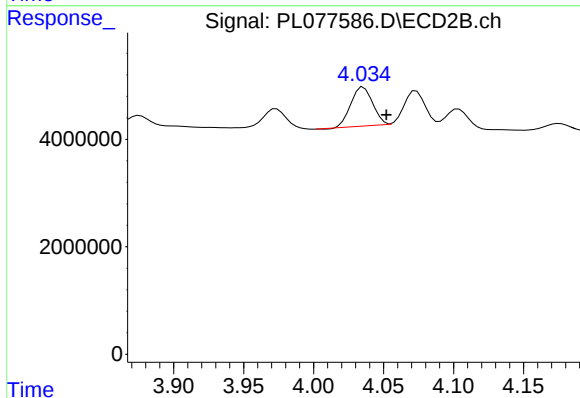
R.T.: 3.796 min  
Delta R.T.: 0.019 min  
Response: 11528617  
Conc: 3.47 ng/ml



#5 Aldrin

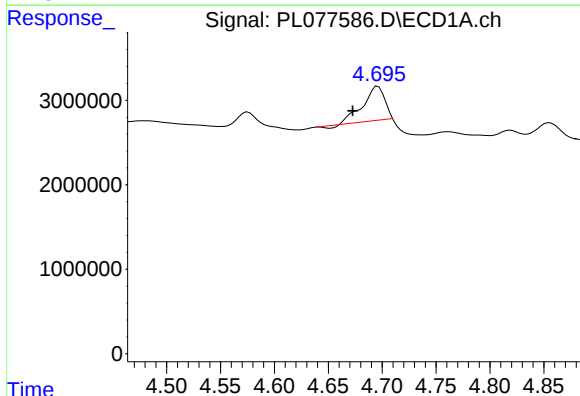
R.T.: 5.107 min  
Delta R.T.: -0.026 min  
Response: 1283397  
Conc: 0.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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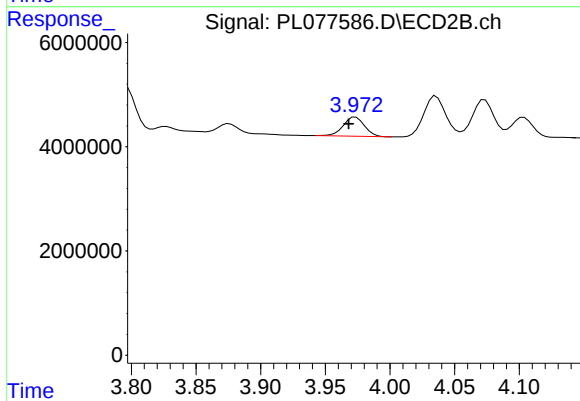
#5 Aldrin

R.T.: 4.036 min  
Delta R.T.: -0.016 min  
Response: 7786902  
Conc: 2.46 ng/ml



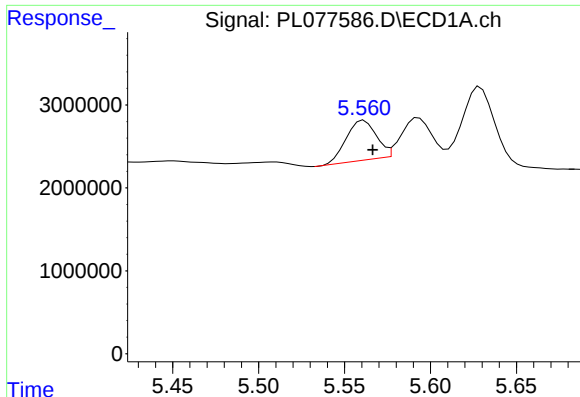
#7 delta-BHC

R.T.: 4.696 min  
Delta R.T.: 0.024 min  
Response: 5588929  
Conc: 2.97 ng/ml



#7 delta-BHC

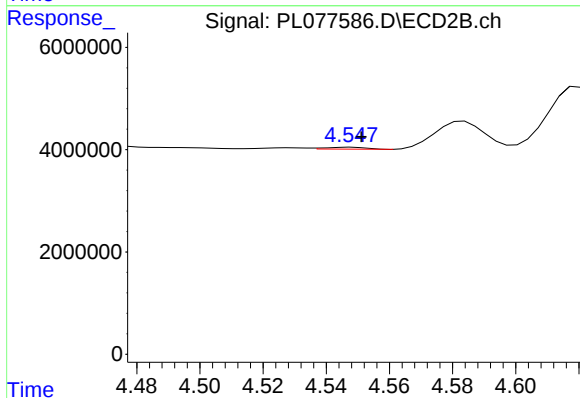
R.T.: 3.973 min  
Delta R.T.: 0.005 min  
Response: 4203107  
Conc: 1.18 ng/ml



#8 Heptachlor epoxide

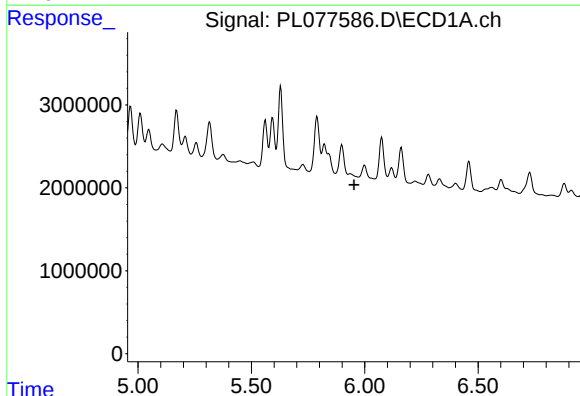
R.T.: 5.561 min  
Delta R.T.: -0.005 min  
Response: 5826642  
Conc: 3.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S1-SO\_116D-20220902



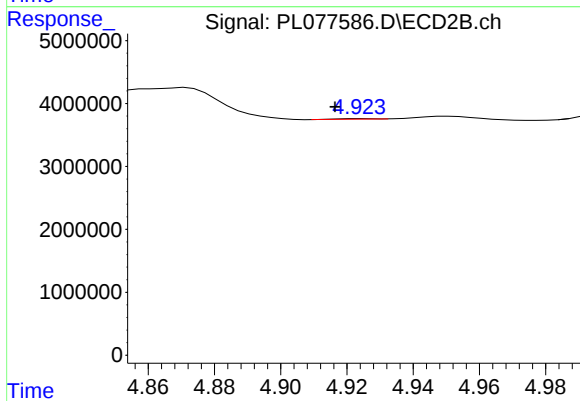
#8 Heptachlor epoxide

R.T.: 4.548 min  
Delta R.T.: -0.003 min  
Response: 313997  
Conc: 0.11 ng/ml



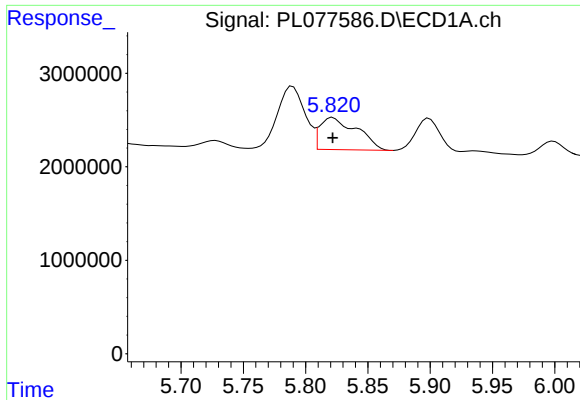
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.953 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

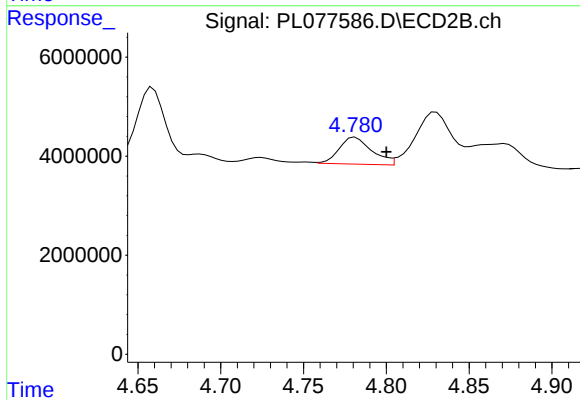
R.T.: 4.924 min  
Delta R.T.: 0.008 min  
Response: 59699  
Conc: 0.02 ng/ml



#10 gamma-Chlordane

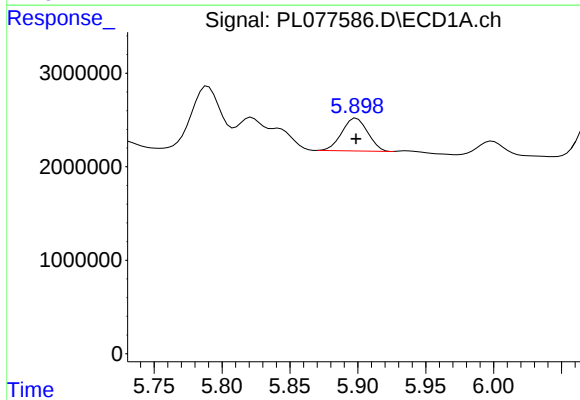
R.T.: 5.822 min  
Delta R.T.: 0.000 min  
Response: 7100287  
Conc: 3.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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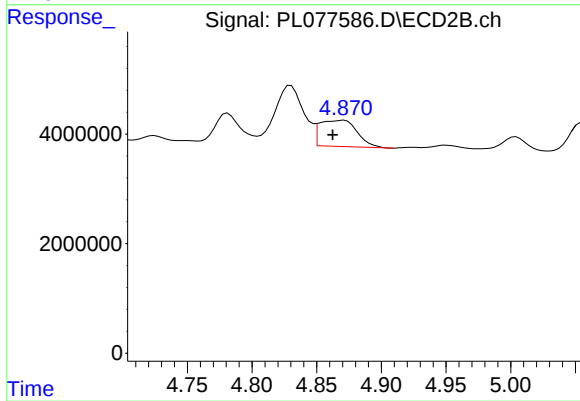
#10 gamma-Chlordane

R.T.: 4.781 min  
Delta R.T.: -0.019 min  
Response: 7486390  
Conc: 2.67 ng/ml



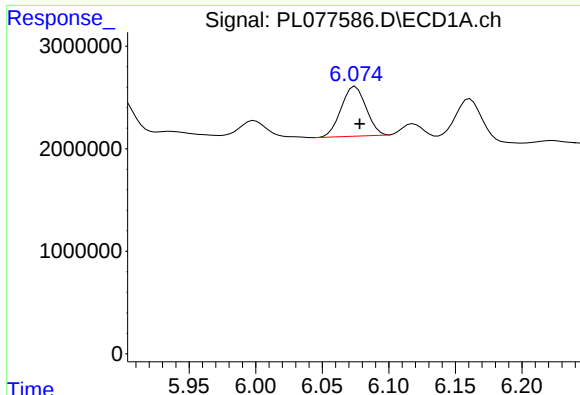
#11 alpha-Chlordane

R.T.: 5.899 min  
Delta R.T.: 0.000 min  
Response: 4653460  
Conc: 2.47 ng/ml



#11 alpha-Chlordane

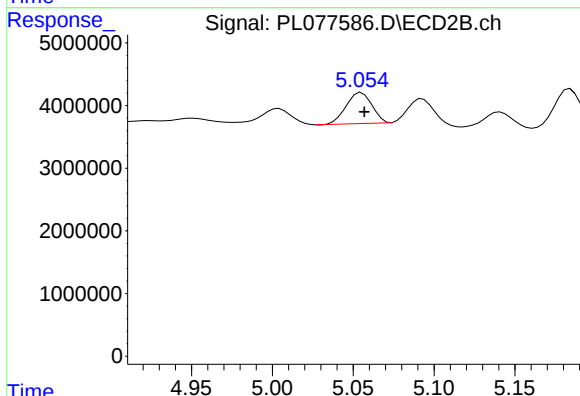
R.T.: 4.871 min  
Delta R.T.: 0.009 min  
Response: 9614396  
Conc: 3.57 ng/ml



#12 4,4'-DDE

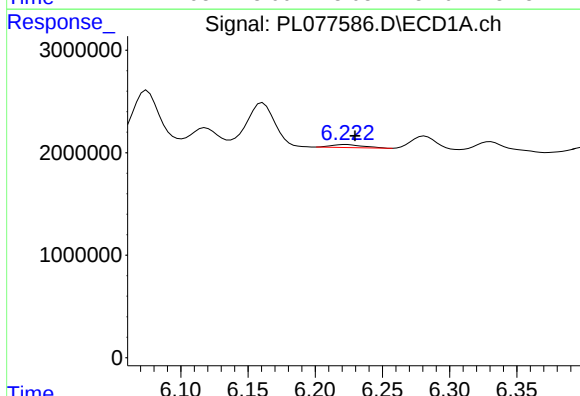
R.T.: 6.075 min  
Delta R.T.: -0.003 min  
Response: 6313132  
Conc: 3.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S1-SO\_116D-20220902



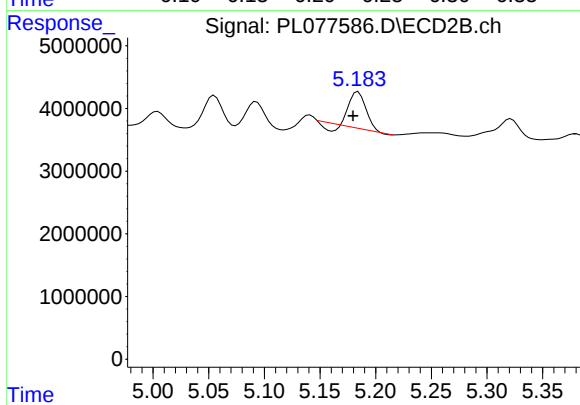
#12 4,4'-DDE

R.T.: 5.055 min  
Delta R.T.: -0.002 min  
Response: 5466231  
Conc: 2.01 ng/ml



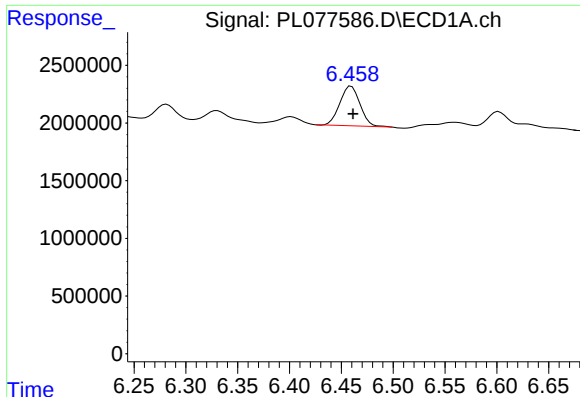
#13 Dieldrin

R.T.: 6.223 min  
Delta R.T.: -0.006 min  
Response: 479517  
Conc: 0.26 ng/ml



#13 Dieldrin

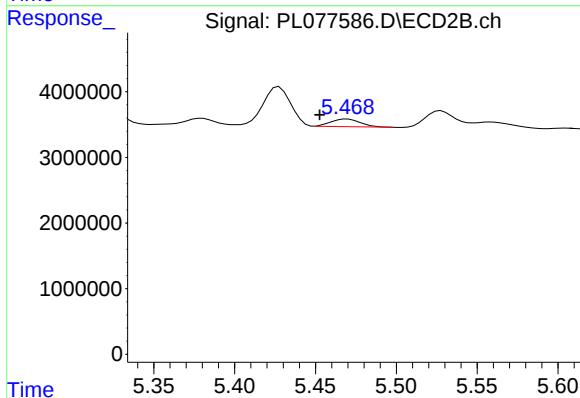
R.T.: 5.184 min  
Delta R.T.: 0.005 min  
Response: 5095501  
Conc: 1.86 ng/ml



#14 Endrin

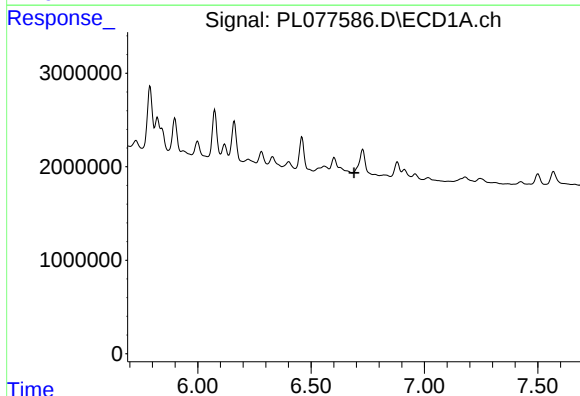
R.T.: 6.460 min  
Delta R.T.: -0.002 min  
Response: 4616504  
Conc: 3.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S1-SO\_116D-20220902



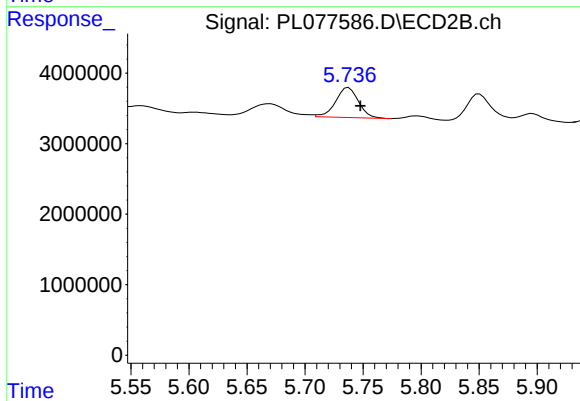
#14 Endrin

R.T.: 5.470 min  
Delta R.T.: 0.017 min  
Response: 1363768  
Conc: 0.66 ng/ml



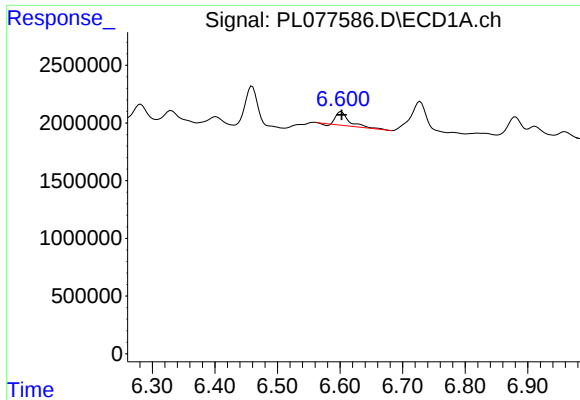
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.690 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

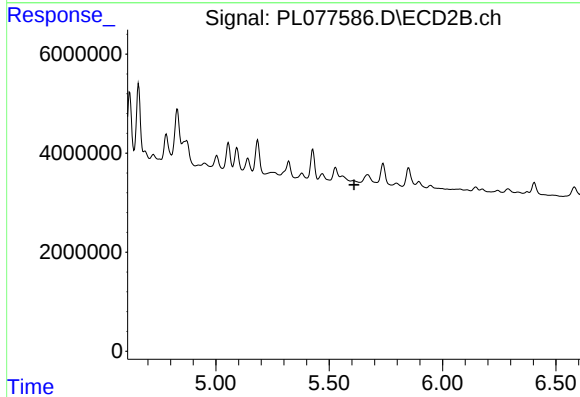
R.T.: 5.738 min  
Delta R.T.: -0.010 min  
Response: 5829485  
Conc: 2.48 ng/ml



#16 4,4'-DDD

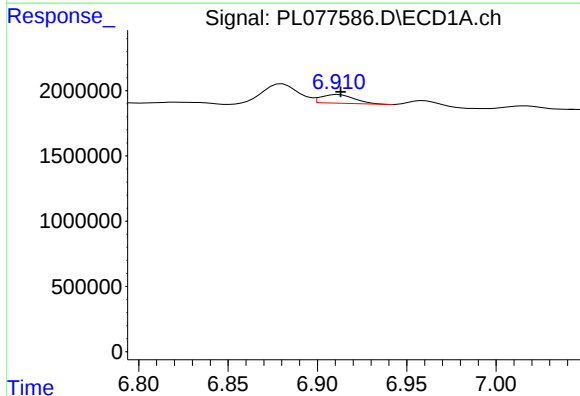
R.T.: 6.602 min  
Delta R.T.: 0.000 min  
Response: 1798048  
Conc: 1.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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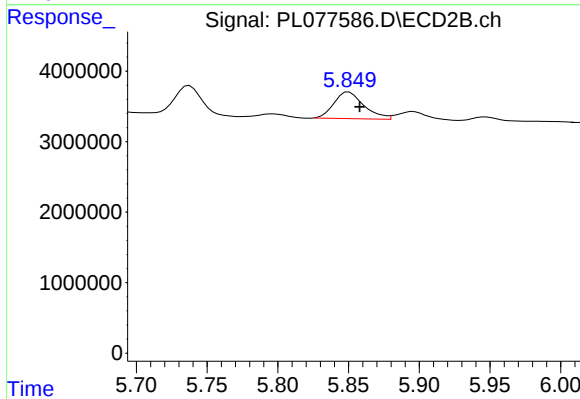
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.610 min  
Response: 0  
Conc: N.D.



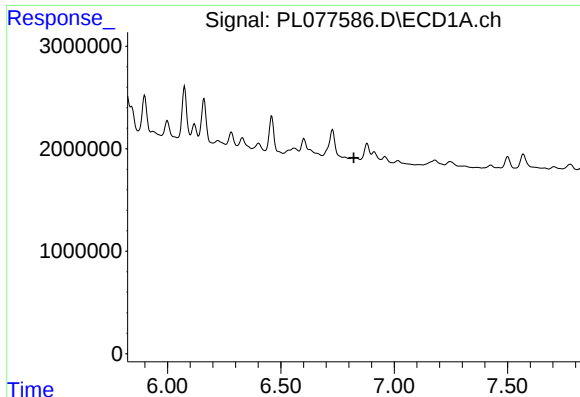
#17 4,4'-DDT

R.T.: 6.912 min  
Delta R.T.: -0.001 min  
Response: 862251  
Conc: 0.54 ng/ml



#17 4,4'-DDT

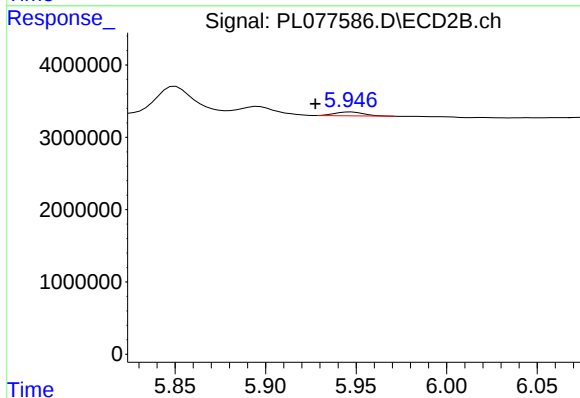
R.T.: 5.850 min  
Delta R.T.: -0.008 min  
Response: 5572038  
Conc: 2.61 ng/ml



#18 Endrin aldehyde

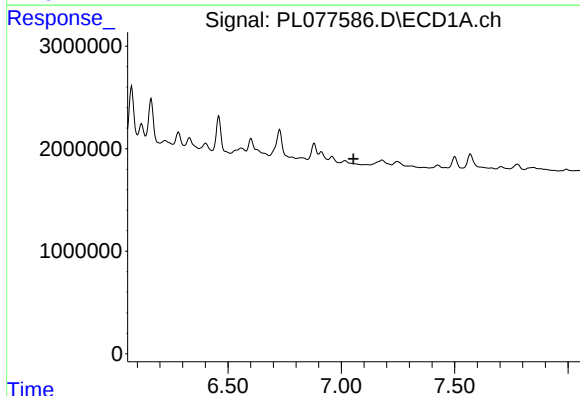
R.T.: 0.000 min  
Exp R.T.: 6.821 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
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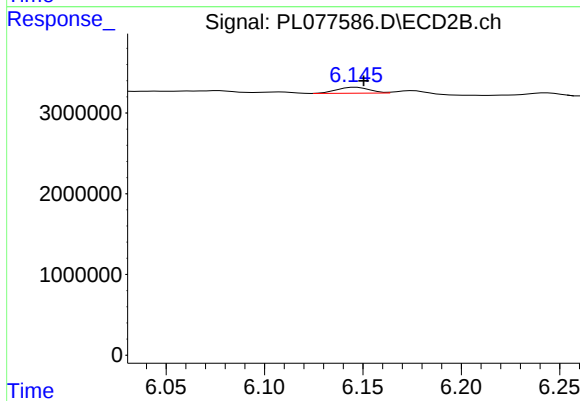
#18 Endrin aldehyde

R.T.: 5.947 min  
Delta R.T.: 0.019 min  
Response: 541058  
Conc: 0.31 ng/ml



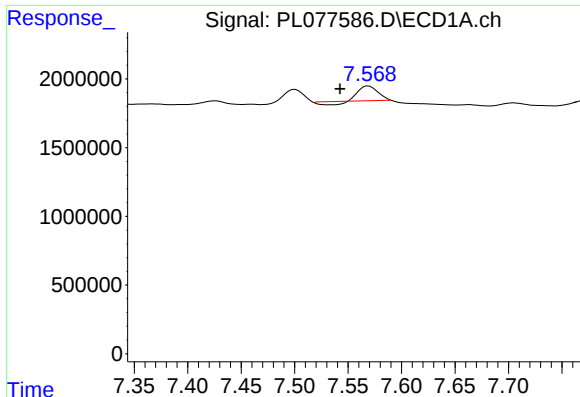
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

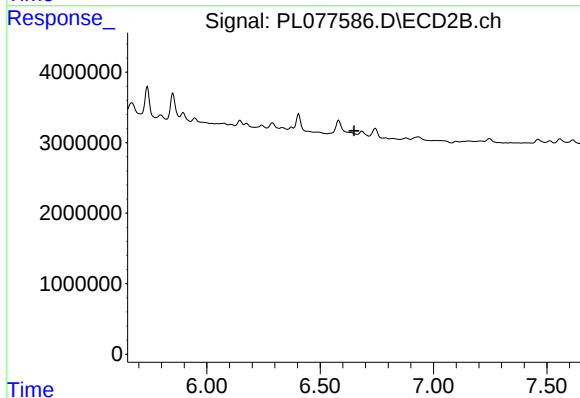
R.T.: 6.147 min  
Delta R.T.: -0.004 min  
Response: 854665  
Conc: 0.39 ng/ml



#21 Endrin ketone

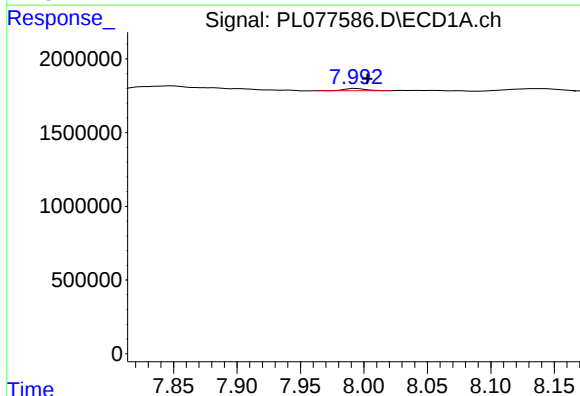
R.T.: 7.569 min  
Delta R.T.: 0.027 min  
Response: 1189198  
Conc: 0.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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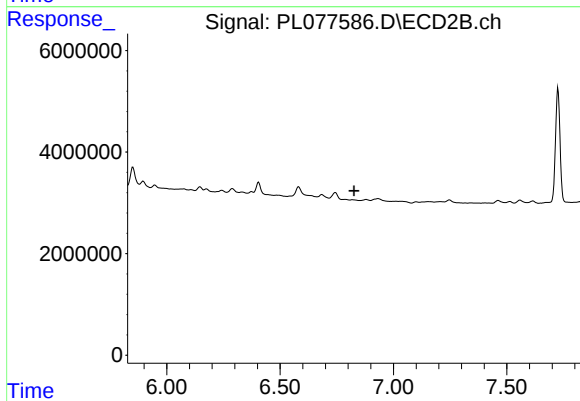
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.650 min  
Response: 0  
Conc: N.D.



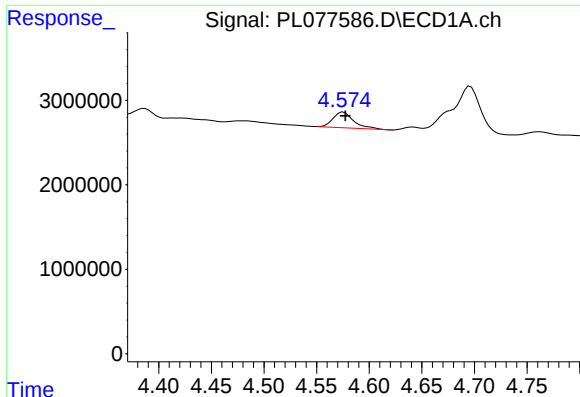
#22 Mirex

R.T.: 7.993 min  
Delta R.T.: -0.010 min  
Response: 187470  
Conc: 0.15 ng/ml



#22 Mirex

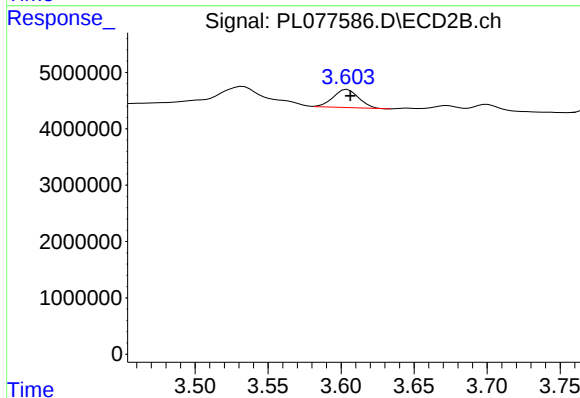
R.T.: 0.000 min  
Exp R.T. : 6.826 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

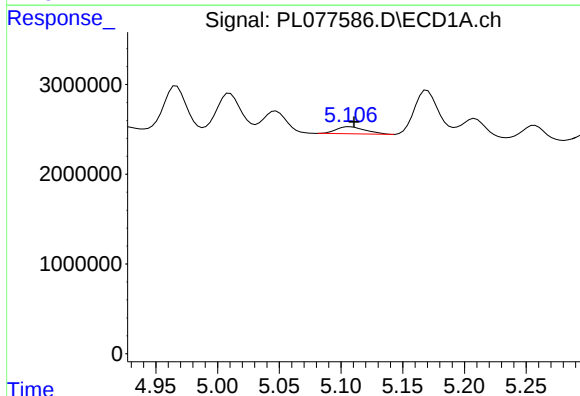
R.T.: 4.575 min  
Delta R.T.: -0.002 min  
Response: 2557855  
Conc: 39.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S1-SO\_116D-20220902



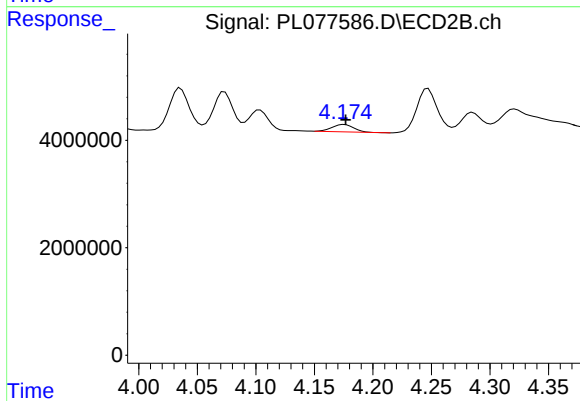
#23 Chlordane-1

R.T.: 3.604 min  
Delta R.T.: -0.002 min  
Response: 3914530  
Conc: 46.80 ng/ml



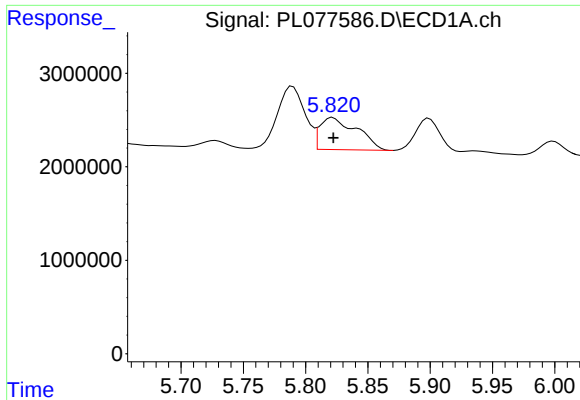
#24 Chlordane-2

R.T.: 5.107 min  
Delta R.T.: -0.003 min  
Response: 1283397  
Conc: 16.94 ng/ml



#24 Chlordane-2

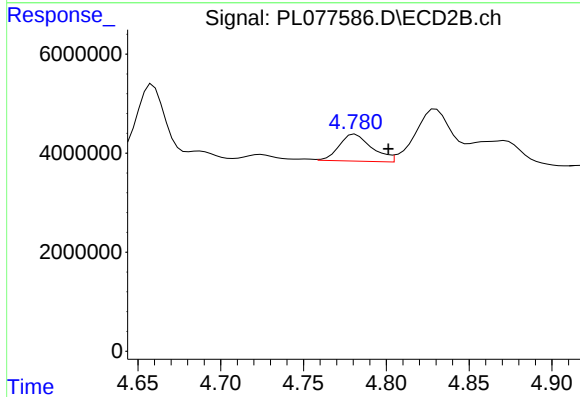
R.T.: 4.176 min  
Delta R.T.: -0.001 min  
Response: 1775151  
Conc: 18.02 ng/ml



#25 Chlordane-3

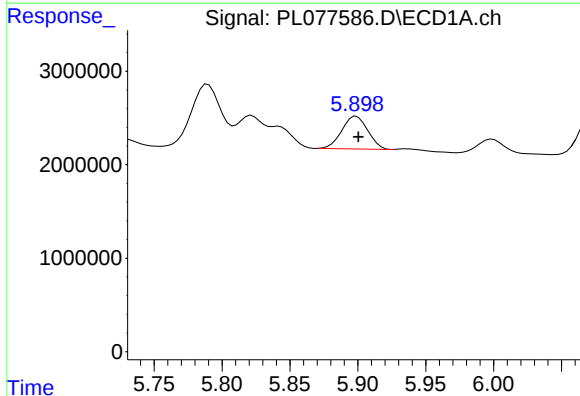
R.T.: 5.822 min  
Delta R.T.: 0.000 min  
Response: 7100287  
Conc: 26.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S1-SO\_116D-20220902



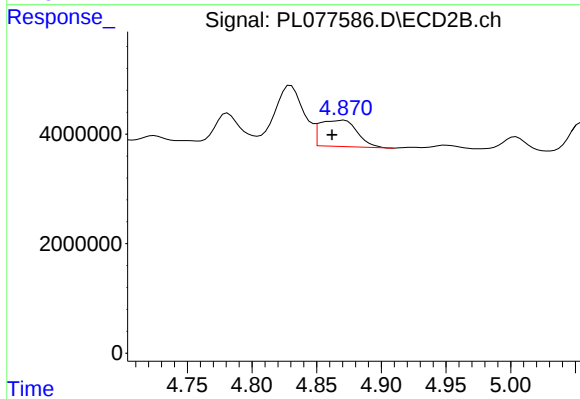
#25 Chlordane-3

R.T.: 4.781 min  
Delta R.T.: -0.020 min  
Response: 7486390  
Conc: 26.21 ng/ml



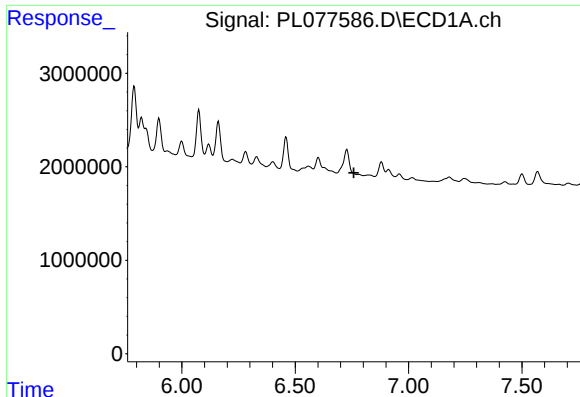
#26 Chlordane-4

R.T.: 5.899 min  
Delta R.T.: -0.001 min  
Response: 4653460  
Conc: 13.91 ng/ml



#26 Chlordane-4

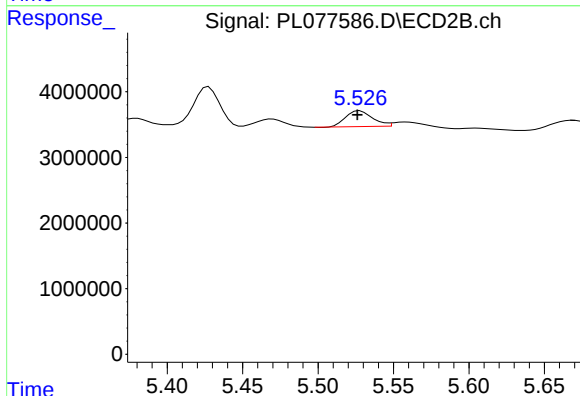
R.T.: 4.871 min  
Delta R.T.: 0.009 min  
Response: 9614396  
Conc: 32.43 ng/ml



#27 Chlordane-5

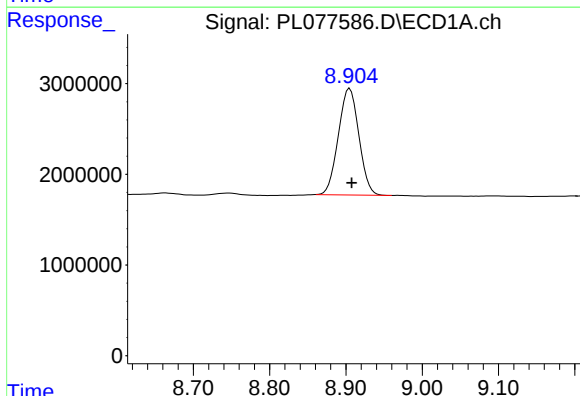
R.T.: 0.000 min  
Exp R.T.: 6.759 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
S1-SO\_116D-20220902



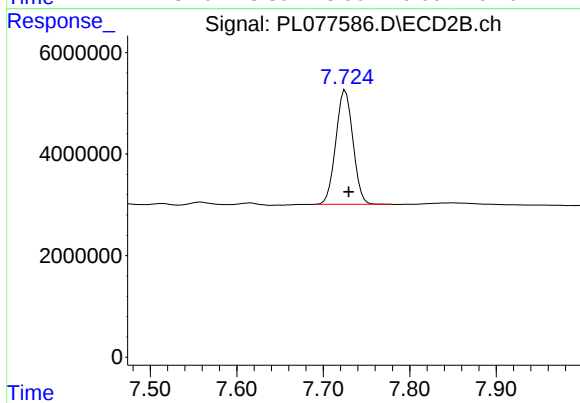
#27 Chlordane-5

R.T.: 5.528 min  
Delta R.T.: 0.002 min  
Response: 2985000  
Conc: 43.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.905 min  
Delta R.T.: -0.003 min  
Response: 21973663  
Conc: 14.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.726 min  
Delta R.T.: -0.004 min  
Response: 30805839  
Conc: 15.62 ng/ml