

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022124\  
 Data File : PL088186.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Feb 2024 20:03  
 Operator : AR\AJ  
 Sample : P1573-15  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 22 00:17:21 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 16 21:46:54 2024  
 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... | 3.635  | 2.854  | 34871054 | 16840649 | 12.696  | 12.007   |
| 28)                         | SA Decachlor... | 9.298  | 8.082  | 30747497 | 17217476 | 15.965  | 13.522   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.109  | 3.348f | 158228   | 430643   | 0.038   | 0.210 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.684f | 0        | 46207    | N.D.    | 0.023 #  |
| 4)                          | MA Heptachlor   | 5.036  | 4.053  | 500410   | 925849   | 0.130   | 0.508 #  |
| 5)                          | MB Aldrin       | 5.384  | 4.338  | 15717918 | 8827595  | 4.116   | 4.552    |
| 7)                          | B delta-BHC     | 0.000  | 4.255  | 0        | 537829   | N.D.    | 0.270 #  |
| 8)                          | B Heptachlo...  | 5.809  | 0.000  | 3355797  | 0        | 0.958   | N.D. #   |
| 10)                         | B gamma-Chl...  | 6.095f | 5.081f | -602459  | 1638555  | N.D.    | 0.919    |
| 11)                         | B alpha-Chl...  | 6.160  | 5.157  | 1422335  | 892148   | 0.417   | 0.501    |
| 12)                         | B 4,4'-DDE      | 6.327  | 5.361  | 3020269  | 283090   | 0.996   | 0.178 #  |
| 13)                         | MA Dieldrin     | 6.480  | 5.495  | 294925   | 1518815  | 0.090   | 0.880 #  |
| 14)                         | MA Endrin       | 6.715  | 5.783  | 1850637  | 379952   | 0.712   | 0.254 #  |
| 15)                         | B Endosulfa...  | 0.000  | 6.060  | 0        | 710844   | N.D.    | 0.467 #  |
| 16)                         | A 4,4'-DDD      | 6.864  | 5.922  | 2188408  | 73904    | 0.844   | 0.054 #  |
| 17)                         | MA 4,4'-DDT     | 7.144f | 6.172  | 1199549  | 1538526  | 0.456   | 1.127 #  |
| 18)                         | B Endrin al...  | 7.097f | 6.273f | 230594   | -64089   | 0.112   | N.D. #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.477  | 0        | 128119   | N.D.    | 0.091 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.735f | 0        | 358961   | N.D.    | 0.458 #  |
| 21)                         | B Endrin ke...  | 7.772f | 0.000  | 736492   | 0        | 0.263   | N.D. #   |
| 23)                         | Chlordane-1     | 4.817  | 3.876  | 587346   | 440840   | 4.574   | 8.564 #  |
| 24)                         | Chlordane-2     | 5.384f | 4.464  | 15717918 | 725457   | 117.106 | 11.418 # |
| 25)                         | Chlordane-3     | 6.095f | 5.081f | -602459  | 1638555  | N.D.    | 8.800    |
| 26)                         | Chlordane-4     | 6.160  | 5.157  | 1422335  | 892148   | 2.317   | 5.159 #  |
| 27)                         | Chlordane-5     | 7.018  | 5.843  | 152634   | 1209343  | 1.508   | 22.860 # |
| -----                       |                 |        |        |          |          |         |          |

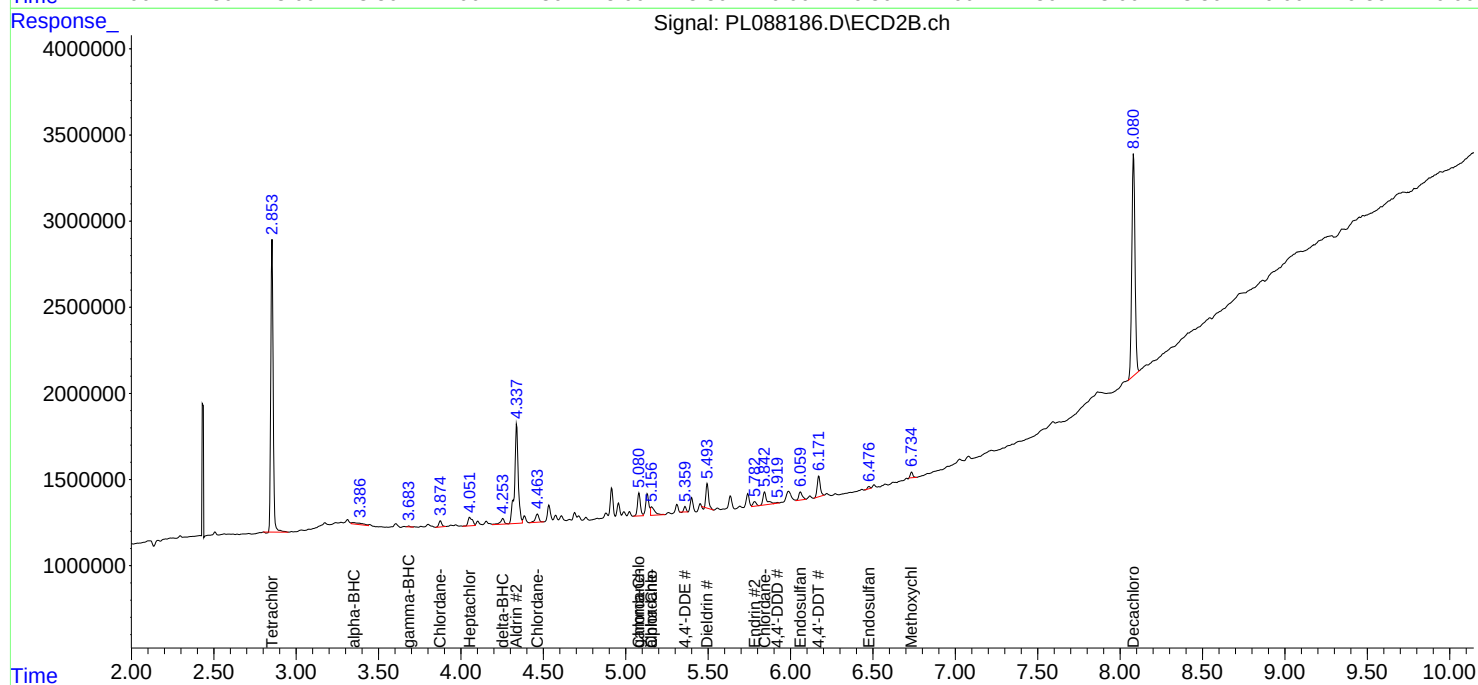
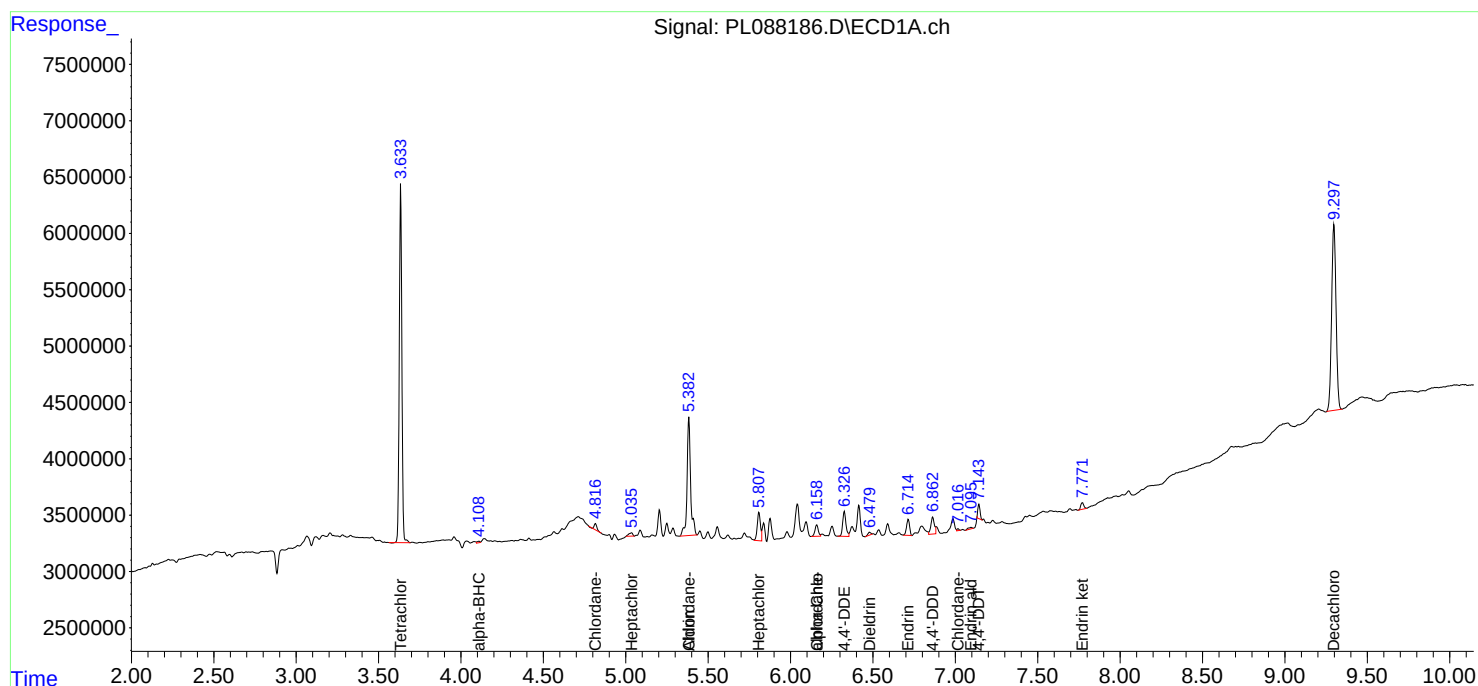
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

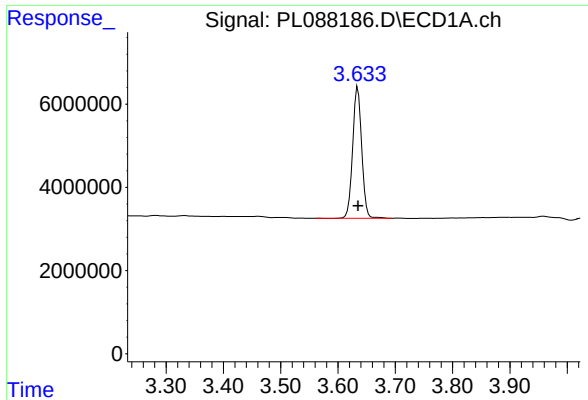
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022124\  
Data File : PL088186.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Feb 2024 20:03  
Operator : AR\AJ  
Sample : P1573-15  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 22 00:17:21 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 16 21:46:54 2024  
Response via : Initial Calibration  
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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

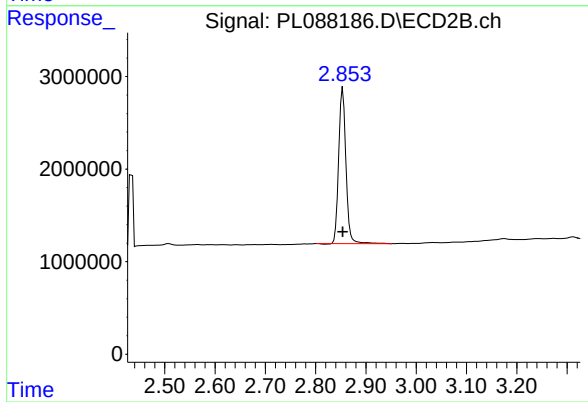




#1 Tetrachloro-m-xylene

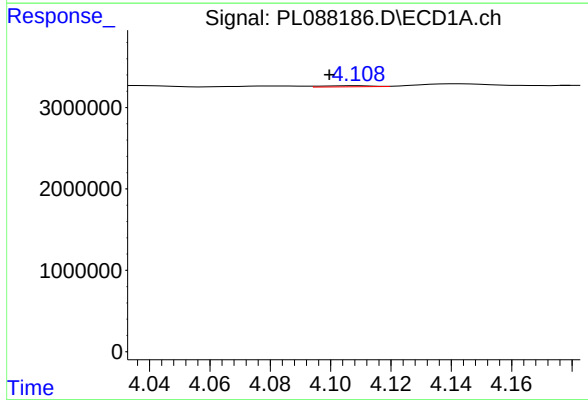
R.T.: 3.635 min  
Delta R.T.: 0.000 min  
Response: 34871054  
Conc: 12.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



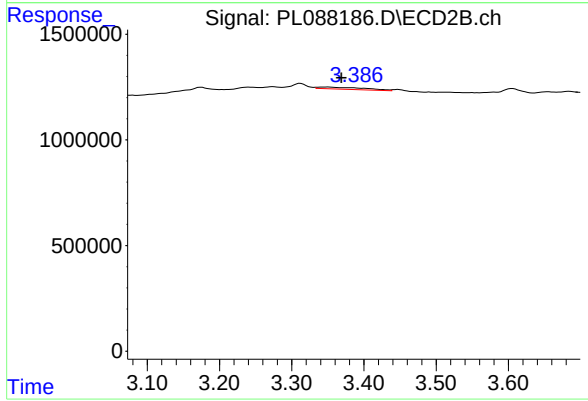
#1 Tetrachloro-m-xylene

R.T.: 2.854 min  
Delta R.T.: 0.000 min  
Response: 16840649  
Conc: 12.01 ng/ml



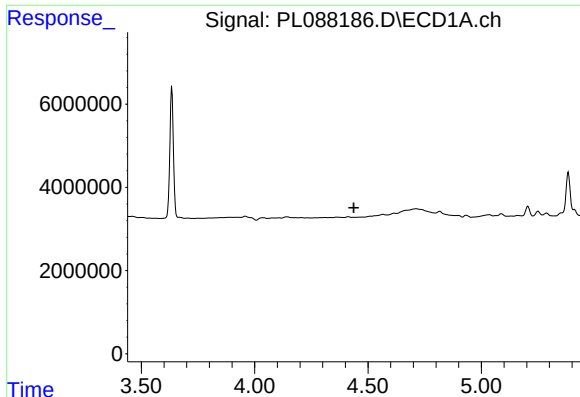
#2 alpha-BHC

R.T.: 4.109 min  
Delta R.T.: 0.009 min  
Response: 158228  
Conc: 0.04 ng/ml



#2 alpha-BHC

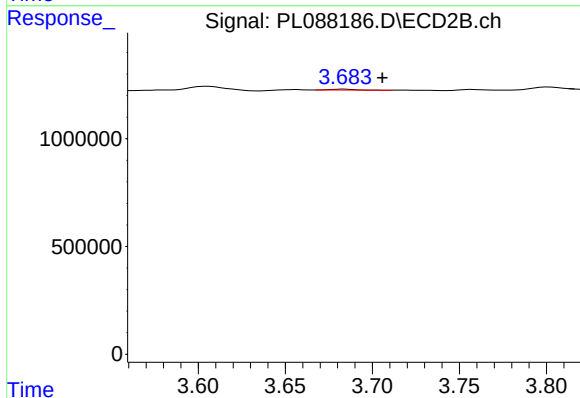
R.T.: 3.348 min  
Delta R.T.: -0.020 min  
Response: 430643  
Conc: 0.21 ng/ml



#3 gamma-BHC (Lindane)

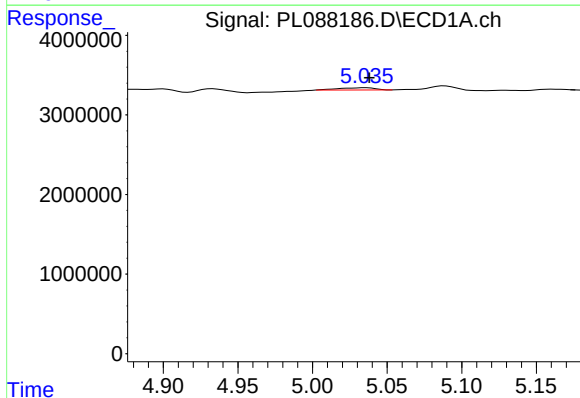
R.T.: 0.000 min  
Exp R.T.: 4.438 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



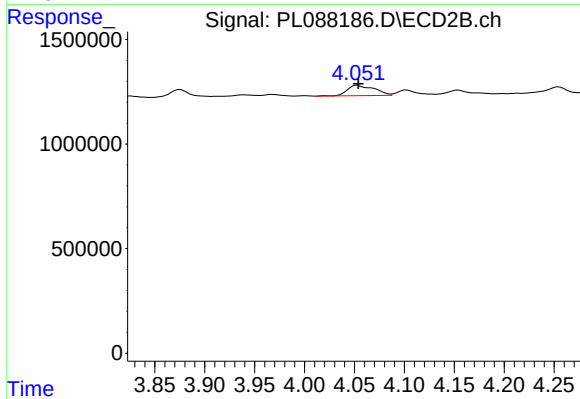
#3 gamma-BHC (Lindane)

R.T.: 3.684 min  
Delta R.T.: -0.022 min  
Response: 46207  
Conc: 0.02 ng/ml



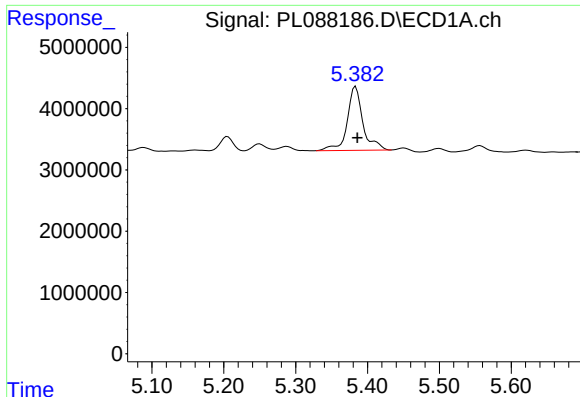
#4 Heptachlor

R.T.: 5.036 min  
Delta R.T.: -0.002 min  
Response: 500410  
Conc: 0.13 ng/ml



#4 Heptachlor

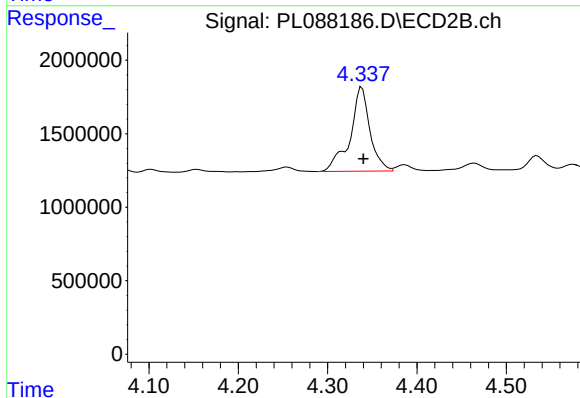
R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 925849  
Conc: 0.51 ng/ml



#5 Aldrin

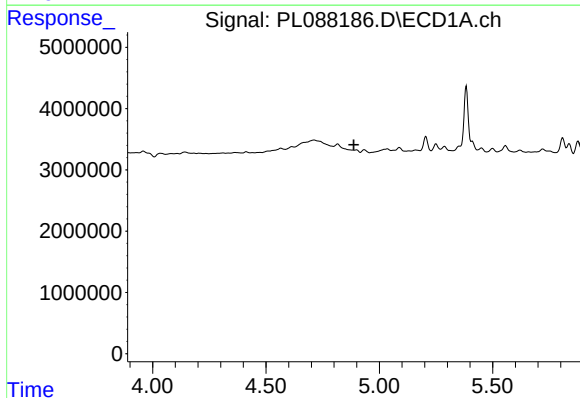
R.T.: 5.384 min  
Delta R.T.: -0.002 min  
Response: 15717918  
Conc: 4.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



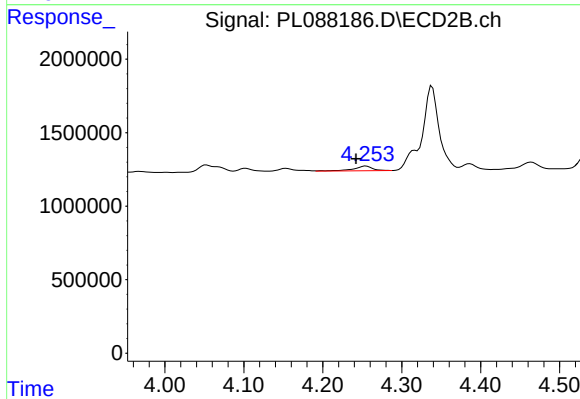
#5 Aldrin

R.T.: 4.338 min  
Delta R.T.: -0.002 min  
Response: 8827595  
Conc: 4.55 ng/ml



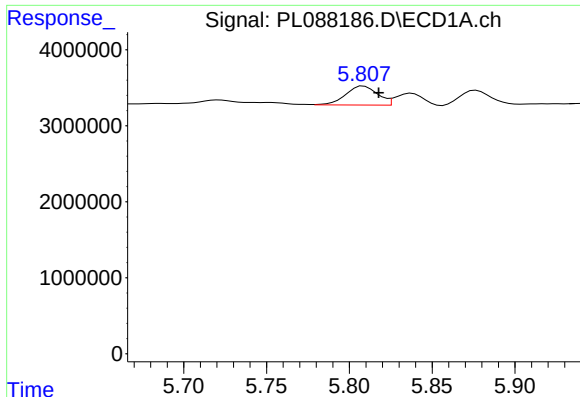
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.887 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

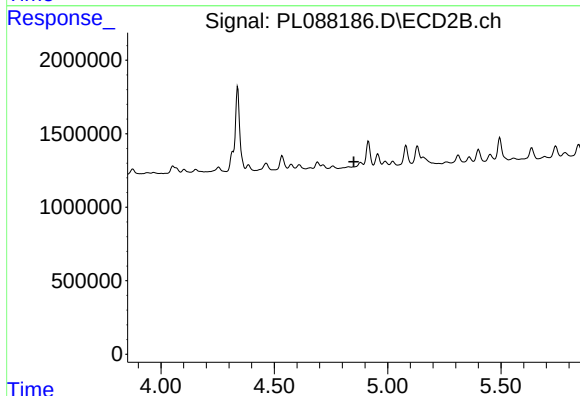
R.T.: 4.255 min  
Delta R.T.: 0.012 min  
Response: 537829  
Conc: 0.27 ng/ml



#8 Heptachlor epoxide

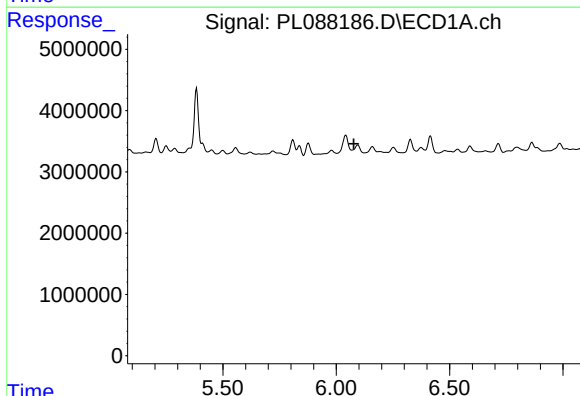
R.T.: 5.809 min  
Delta R.T.: -0.009 min  
Response: 3355797  
Conc: 0.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



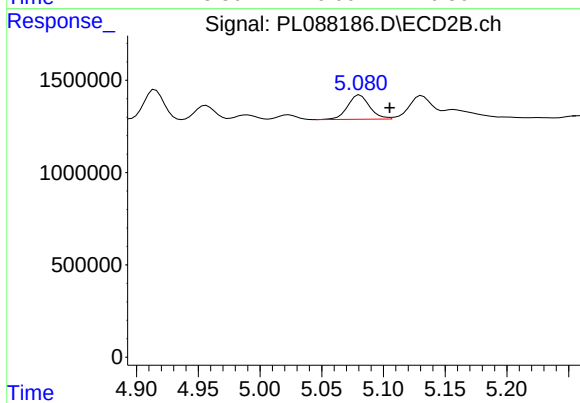
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.851 min  
Response: 0  
Conc: N.D.



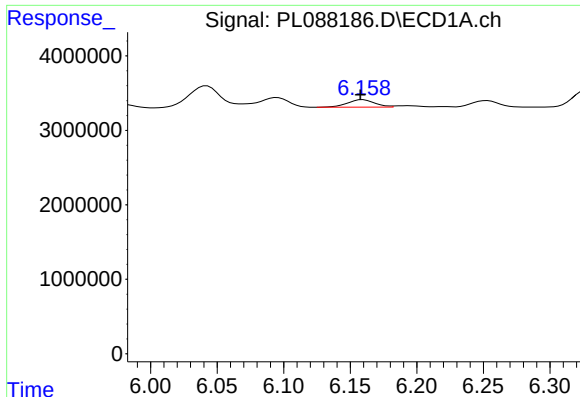
#10 gamma-Chlordane

R.T.: 6.095 min  
Delta R.T.: 0.019 min  
Response: -602459  
Conc: N.D.



#10 gamma-Chlordane

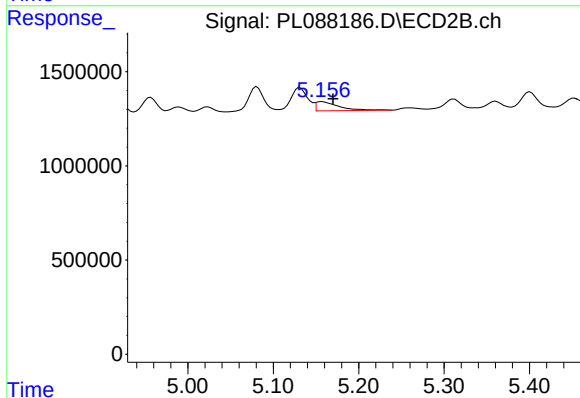
R.T.: 5.081 min  
Delta R.T.: -0.024 min  
Response: 1638555  
Conc: 0.92 ng/ml



#11 alpha-Chlordane

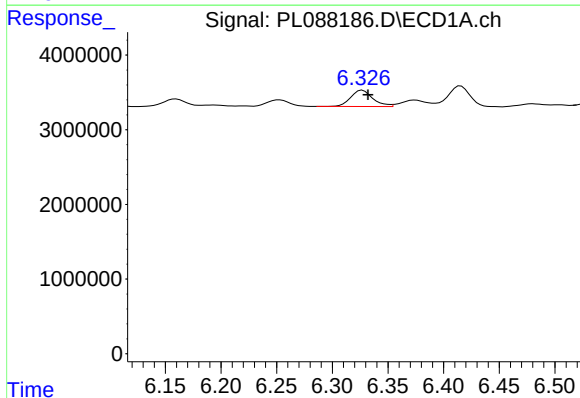
R.T.: 6.160 min  
Delta R.T.: 0.002 min  
Response: 1422335  
Conc: 0.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



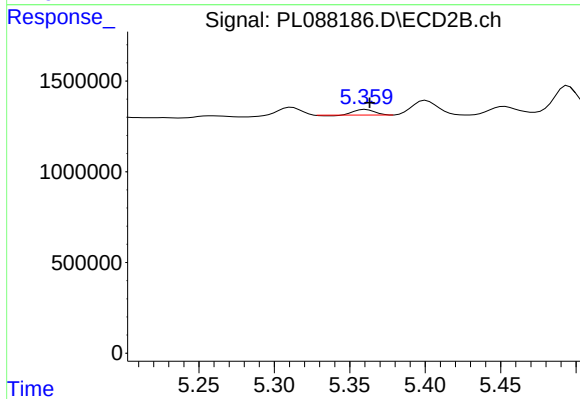
#11 alpha-Chlordane

R.T.: 5.157 min  
Delta R.T.: -0.013 min  
Response: 892148  
Conc: 0.50 ng/ml



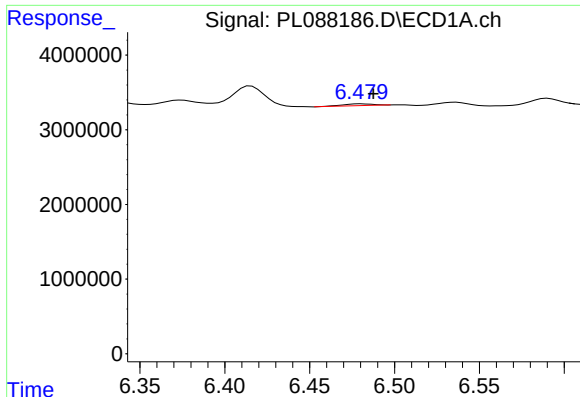
#12 4,4'-DDE

R.T.: 6.327 min  
Delta R.T.: -0.005 min  
Response: 3020269  
Conc: 1.00 ng/ml



#12 4,4'-DDE

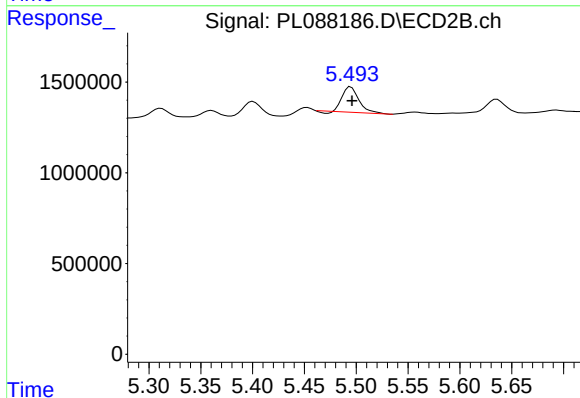
R.T.: 5.361 min  
Delta R.T.: -0.003 min  
Response: 283090  
Conc: 0.18 ng/ml



#13 Dieldrin

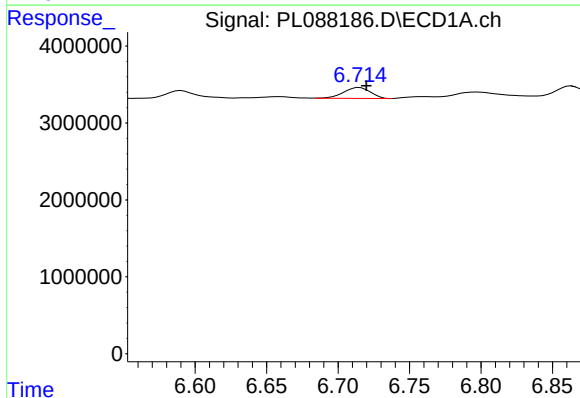
R.T.: 6.480 min  
Delta R.T.: -0.007 min  
Response: 294925  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



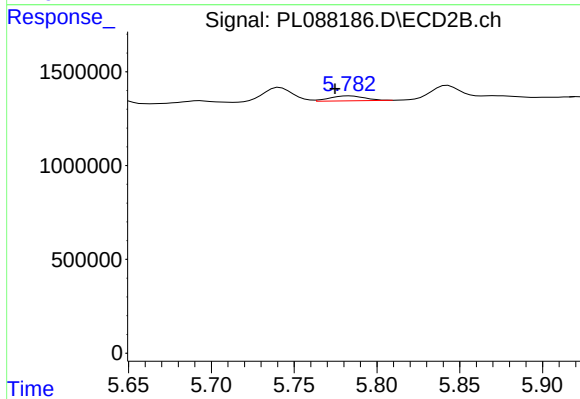
#13 Dieldrin

R.T.: 5.495 min  
Delta R.T.: -0.001 min  
Response: 1518815  
Conc: 0.88 ng/ml



#14 Endrin

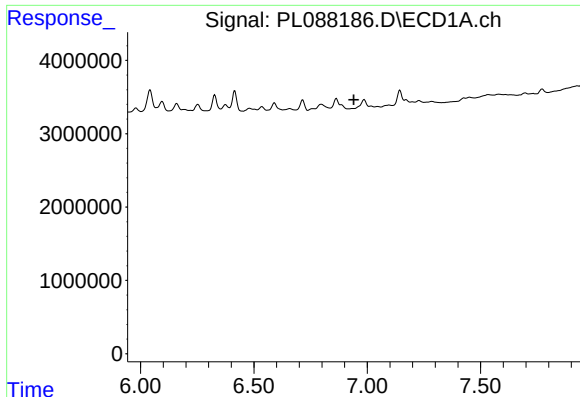
R.T.: 6.715 min  
Delta R.T.: -0.005 min  
Response: 1850637  
Conc: 0.71 ng/ml



#14 Endrin

R.T.: 5.783 min  
Delta R.T.: 0.008 min  
Response: 379952  
Conc: 0.25 ng/ml

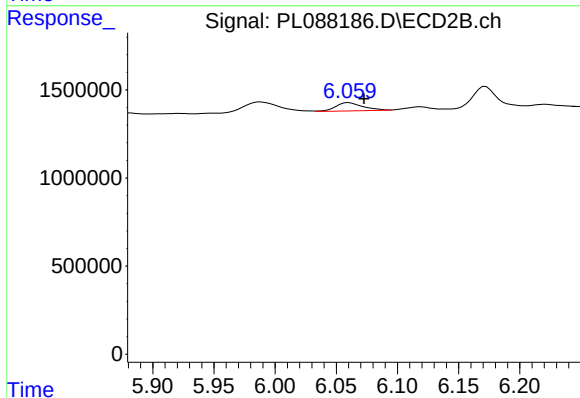




#15 Endosulfan II

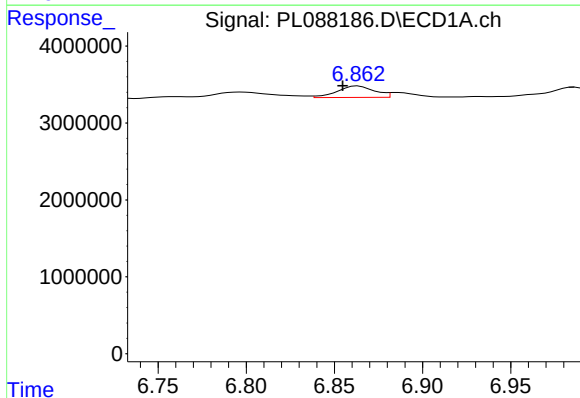
R.T.: 0.000 min  
Exp R.T.: 6.941 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



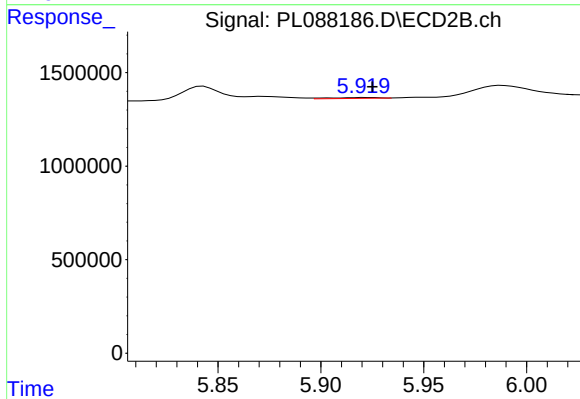
#15 Endosulfan II

R.T.: 6.060 min  
Delta R.T.: -0.012 min  
Response: 710844  
Conc: 0.47 ng/ml



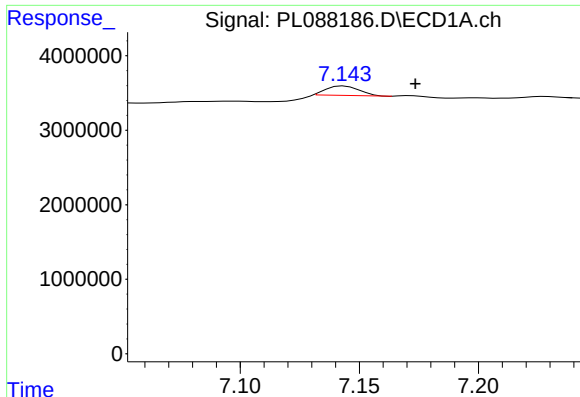
#16 4,4'-DDD

R.T.: 6.864 min  
Delta R.T.: 0.009 min  
Response: 2188408  
Conc: 0.84 ng/ml



#16 4,4'-DDD

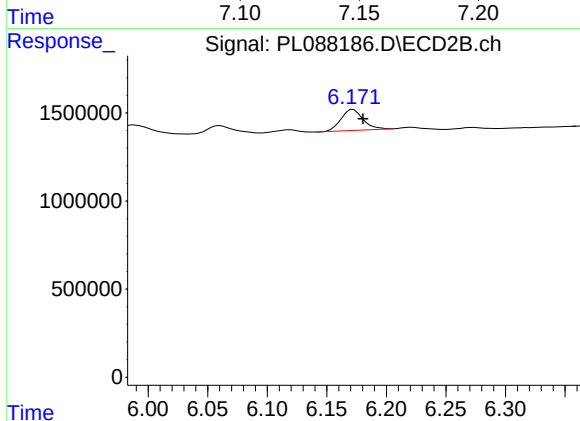
R.T.: 5.922 min  
Delta R.T.: -0.003 min  
Response: 73904  
Conc: 0.05 ng/ml



#17 4,4'-DDT

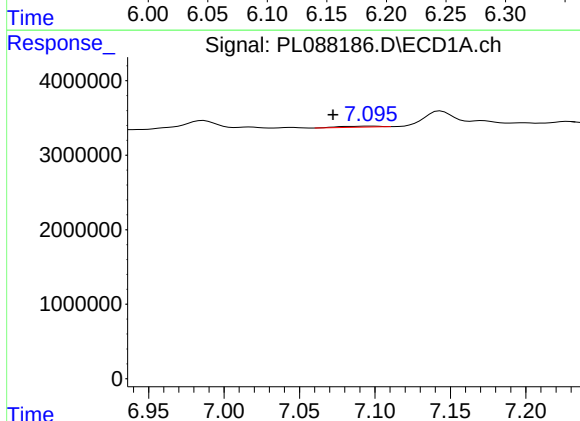
R.T.: 7.144 min  
Delta R.T.: -0.030 min  
Response: 1199549  
Conc: 0.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



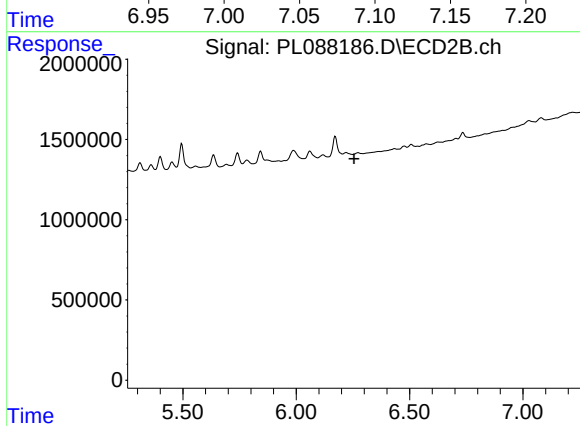
#17 4,4'-DDT

R.T.: 6.172 min  
Delta R.T.: -0.008 min  
Response: 1538526  
Conc: 1.13 ng/ml



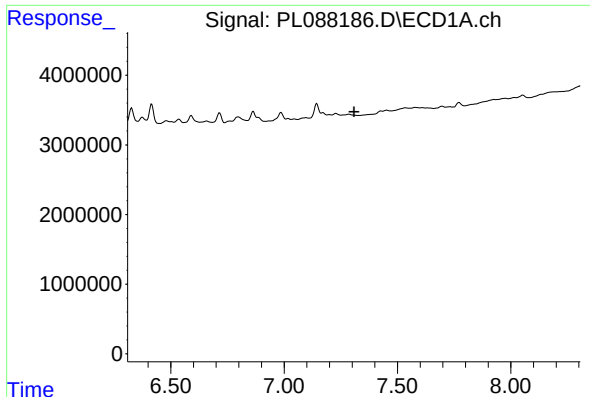
#18 Endrin aldehyde

R.T.: 7.097 min  
Delta R.T.: 0.025 min  
Response: 230594  
Conc: 0.11 ng/ml



#18 Endrin aldehyde

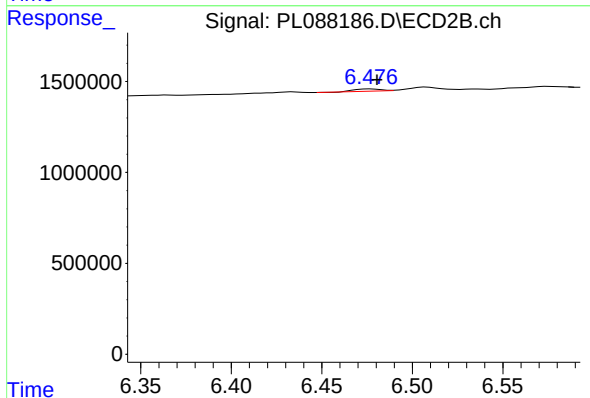
R.T.: 6.273 min  
Delta R.T.: 0.018 min  
Response: -64089  
Conc: N.D.



#19 Endosulfan Sulfate

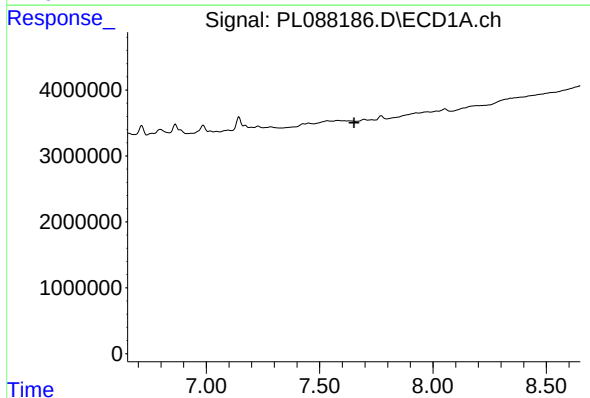
R.T.: 0.000 min  
Exp R.T. : 7.309 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



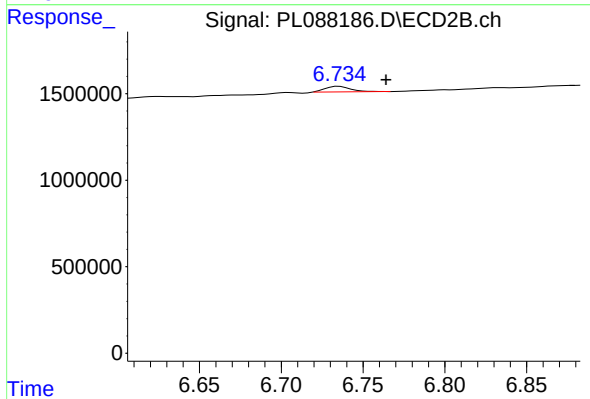
#19 Endosulfan Sulfate

R.T.: 6.477 min  
Delta R.T.: -0.003 min  
Response: 128119  
Conc: 0.09 ng/ml



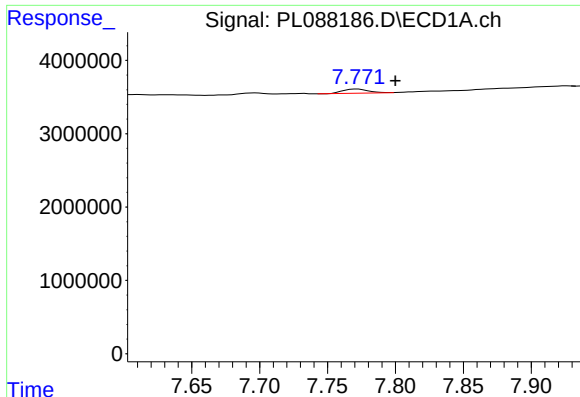
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.653 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

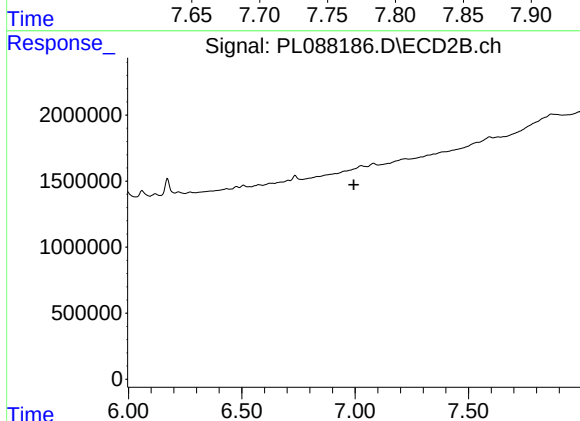
R.T.: 6.735 min  
Delta R.T.: -0.029 min  
Response: 358961  
Conc: 0.46 ng/ml



#21 Endrin ketone

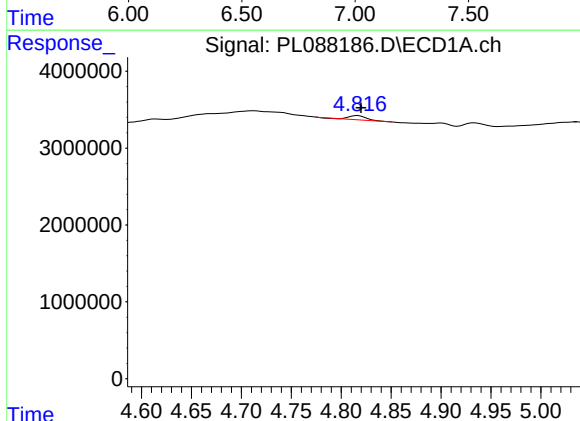
R.T.: 7.772 min  
Delta R.T.: -0.028 min  
Response: 736492  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



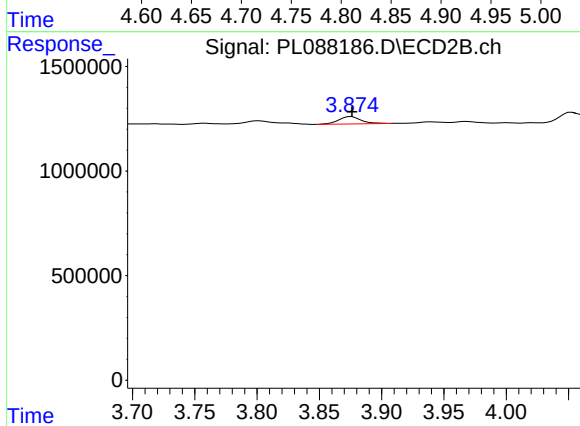
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.994 min  
Response: 0  
Conc: N.D.



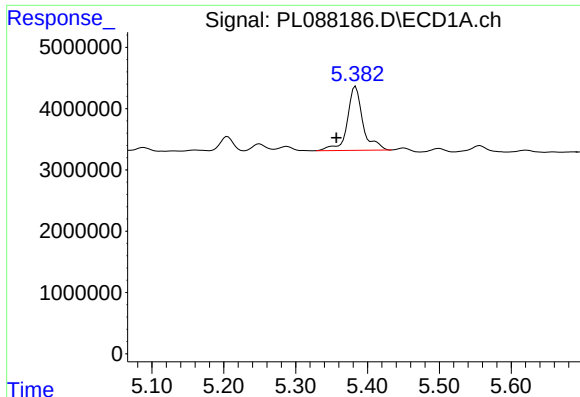
#23 Chlordane-1

R.T.: 4.817 min  
Delta R.T.: -0.003 min  
Response: 587346  
Conc: 4.57 ng/ml



#23 Chlordane-1

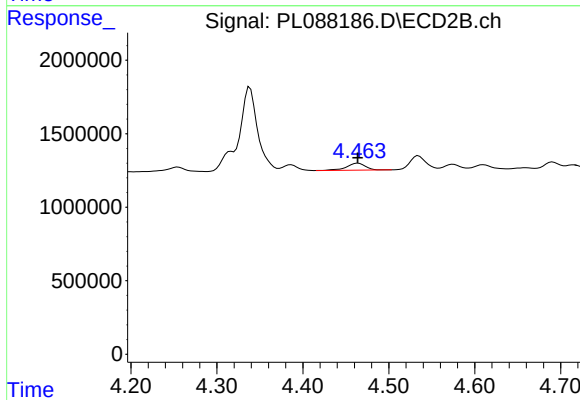
R.T.: 3.876 min  
Delta R.T.: 0.000 min  
Response: 440840  
Conc: 8.56 ng/ml



#24 Chlordane-2

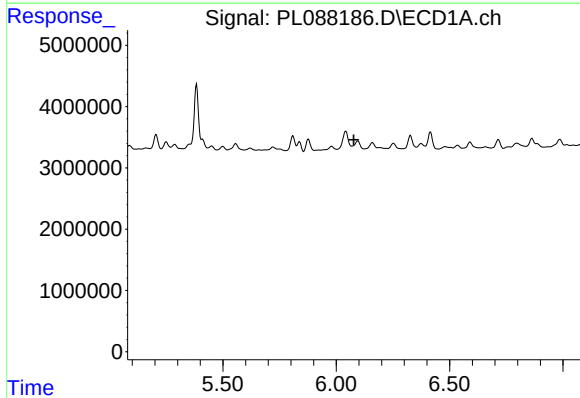
R.T.: 5.384 min  
Delta R.T.: 0.027 min  
Response: 15717918  
Conc: 117.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



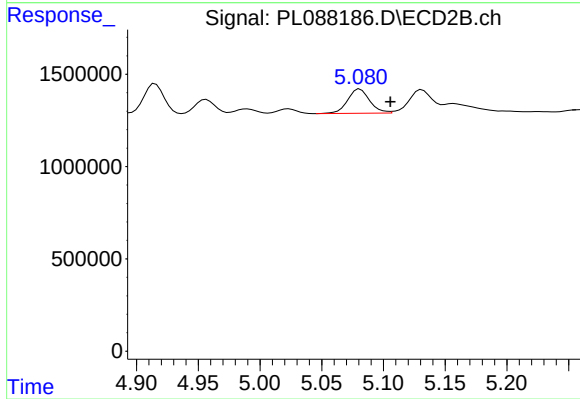
#24 Chlordane-2

R.T.: 4.464 min  
Delta R.T.: 0.000 min  
Response: 725457  
Conc: 11.42 ng/ml



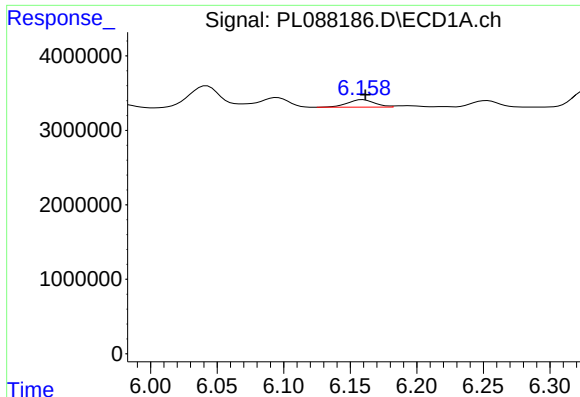
#25 Chlordane-3

R.T.: 6.095 min  
Delta R.T.: 0.018 min  
Response: -602459  
Conc: N.D.



#25 Chlordane-3

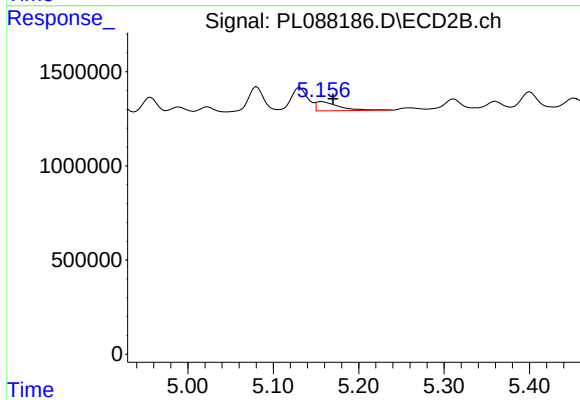
R.T.: 5.081 min  
Delta R.T.: -0.025 min  
Response: 1638555  
Conc: 8.80 ng/ml



#26 Chlordane-4

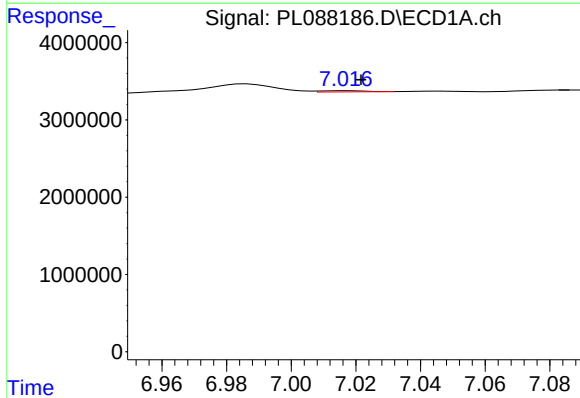
R.T.: 6.160 min  
Delta R.T.: -0.002 min  
Response: 1422335  
Conc: 2.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



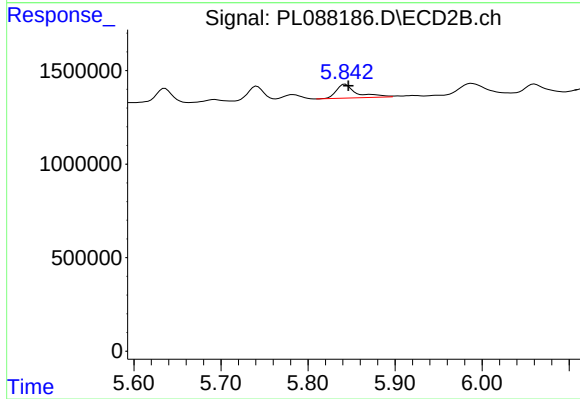
#26 Chlordane-4

R.T.: 5.157 min  
Delta R.T.: -0.013 min  
Response: 892148  
Conc: 5.16 ng/ml



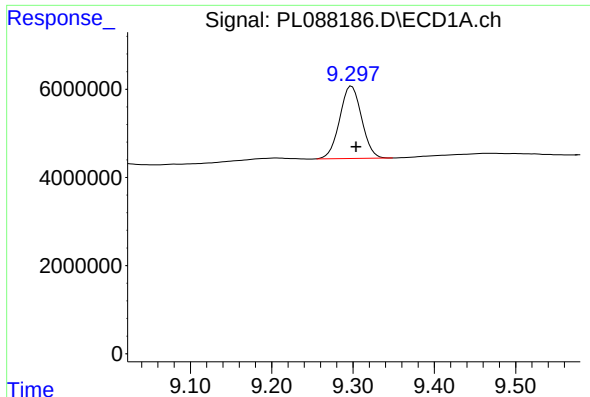
#27 Chlordane-5

R.T.: 7.018 min  
Delta R.T.: -0.004 min  
Response: 152634  
Conc: 1.51 ng/ml



#27 Chlordane-5

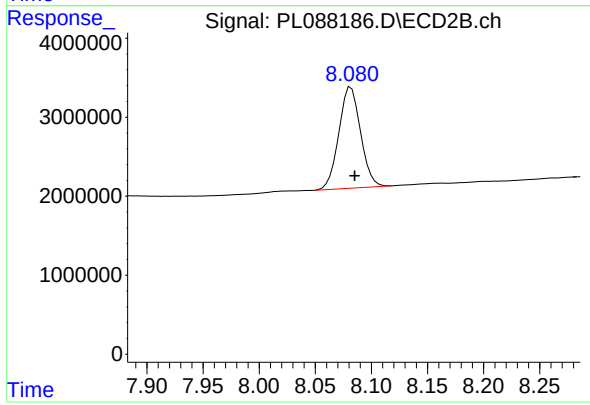
R.T.: 5.843 min  
Delta R.T.: -0.003 min  
Response: 1209343  
Conc: 22.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.298 min  
Delta R.T.: -0.006 min  
Response: 30747497  
Conc: 15.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.082 min  
Delta R.T.: -0.003 min  
Response: 17217476  
Conc: 13.52 ng/ml