

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041223\  
 Data File : PL082007.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Apr 2023 09:58  
 Operator : AR\AJ  
 Sample : 02262-07RE  
 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: Apr 12 22:05:48 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 2023  
 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... | 3.336  | 2.651  | 26457380 | 22300408 | 11.375 | 11.172    |
| 28)                         | SA Decachlor... | 8.760  | 7.773  | 101.6E6  | 112.8E6  | 56.779 | 56.880    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 4)                          | MA Heptachlor   | 0.000  | 3.842f | 0        | 174929   | N.D.   | 0.061 #   |
| 5)                          | MB Aldrin       | 5.026  | 4.099  | 1278796  | 381731   | 0.447  | 0.143 #   |
| 6)                          | B beta-BHC      | 4.330  | 3.781  | 1039288  | 152131   | 0.691  | 0.128 #   |
| 7)                          | B delta-BHC     | 4.554  | 4.006  | 1334349  | 665280   | 0.439  | 0.257 #   |
| 8)                          | B Heptachlo...  | 5.456  | 4.591  | 1953052  | 998403   | 0.718  | 0.411 #   |
| 9)                          | A Endosulfan I  | 5.823  | 4.989f | 523344   | 1229471  | 0.212  | 0.557 #   |
| 10)                         | B gamma-Chl...  | 5.689f | 4.849  | 3493685  | 3673404  | 1.331  | 1.511     |
| 11)                         | B alpha-Chl...  | 5.792  | 4.901  | 1892041  | 2995839  | 0.731  | 1.233 #   |
| 12)                         | B 4,4'-DDE      | 5.969  | 5.094  | 5474921  | 6109470  | 2.429  | 3.102 #   |
| 13)                         | MA Dieldrin     | 6.117  | 5.245  | 4174235  | 3830361  | 1.724  | 1.703     |
| 14)                         | MA Endrin       | 6.342  | 5.508  | 864220   | 2220854  | 0.409  | 1.097 #   |
| 15)                         | B Endosulfa...  | 6.557  | 5.787  | 2367421  | 692679   | 1.116  | 0.382 #   |
| 16)                         | A 4,4'-DDD      | 6.490  | 5.649  | 15922785 | 1039151  | 8.829  | 0.685 #   |
| 17)                         | MA 4,4'-DDT     | 6.793  | 5.895  | 9576687  | 18760954 | 4.718  | 10.887 #  |
| 18)                         | B Endrin al...  | 6.720f | 5.991  | 1385091  | 5624204  | 0.847  | 3.622 #   |
| 19)                         | B Endosulfa...  | 6.905f | 6.193  | 4655279  | 8066320  | 2.234  | 4.146 #   |
| 20)                         | A Methoxychlor  | 7.275  | 0.000  | 704848   | 0        | 0.655  | N.D. #    |
| 21)                         | B Endrin ke...  | 7.384f | 6.729f | 14801589 | 3509035  | 7.066  | 1.642 #   |
| 22)                         | Mirex           | 0.000  | 6.879  | 0        | 97576    | N.D.   | 0.051 #   |
| 23)                         | Chlordane-1     | 0.000  | 3.643  | 0        | 2278657  | N.D.   | 29.583 #  |
| 24)                         | Chlordane-2     | 5.026f | 0.000  | 1278796  | 0        | 12.287 | N.D. #    |
| 25)                         | Chlordane-3     | 5.689f | 4.849  | 3493685  | 3673404  | 8.820  | 14.584 #  |
| 26)                         | Chlordane-4     | 5.792  | 4.901  | 1892041  | 2995839  | 3.954  | 11.437 #  |
| 27)                         | Chlordane-5     | 6.613  | 5.568  | 3829375  | 7278666  | 45.096 | 109.059 # |
| -----                       |                 |        |        |          |          |        |           |

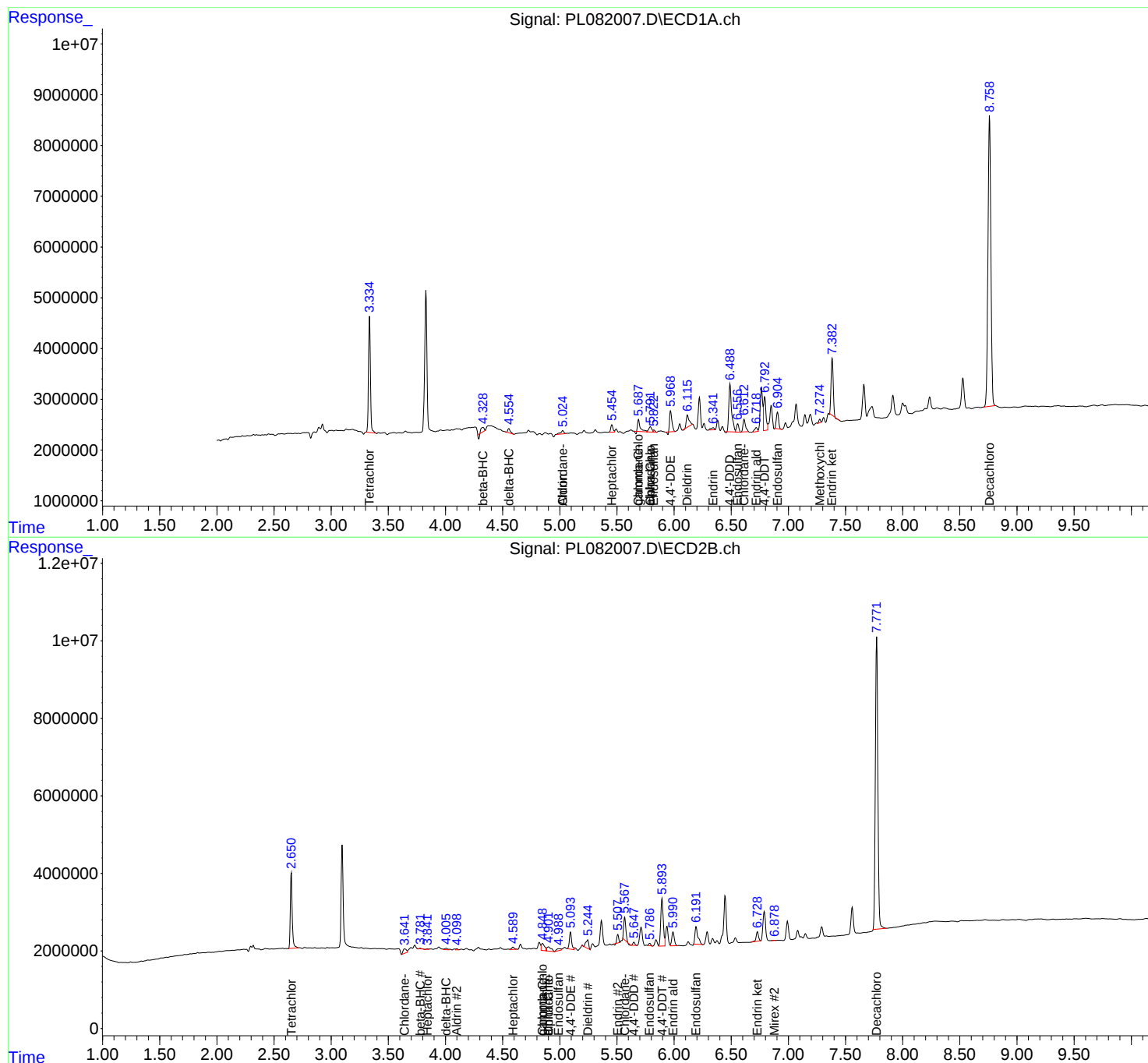
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

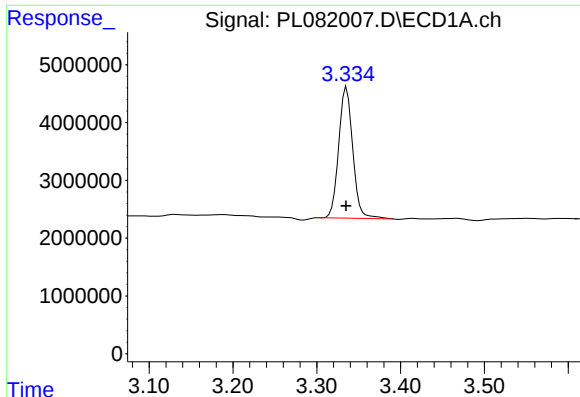
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041223\  
Data File : PL082007.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Apr 2023 09:58  
Operator : AR\AJ  
Sample : 02262-07RE  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 12 22:05:48 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 23 01:07:33 2023  
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

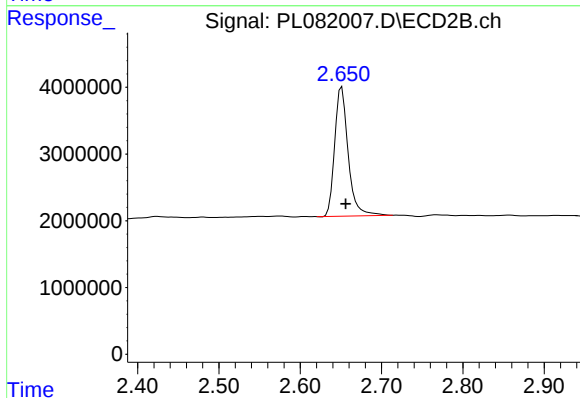




#1 Tetrachloro-m-xylene

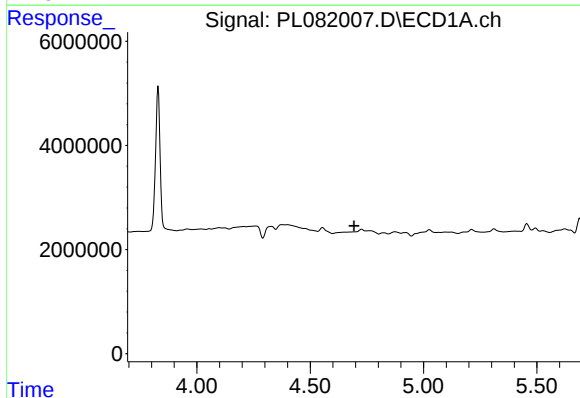
R.T.: 3.336 min  
Delta R.T.: 0.000 min  
Response: 26457380  
Conc: 11.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



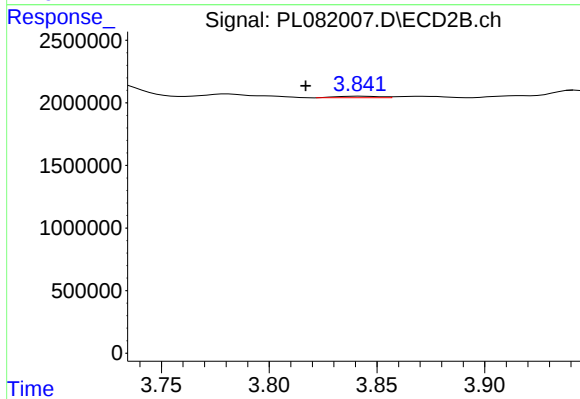
#1 Tetrachloro-m-xylene

R.T.: 2.651 min  
Delta R.T.: -0.005 min  
Response: 22300408  
Conc: 11.17 ng/ml



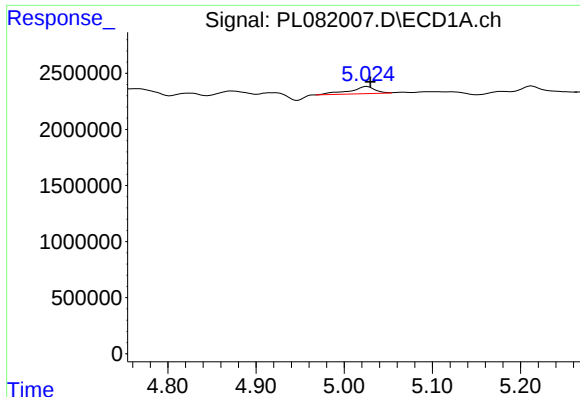
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.693 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

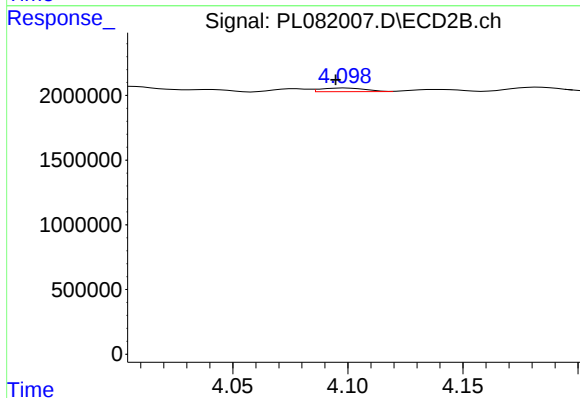
R.T.: 3.842 min  
Delta R.T.: 0.025 min  
Response: 174929  
Conc: 0.06 ng/ml



#5 Aldrin

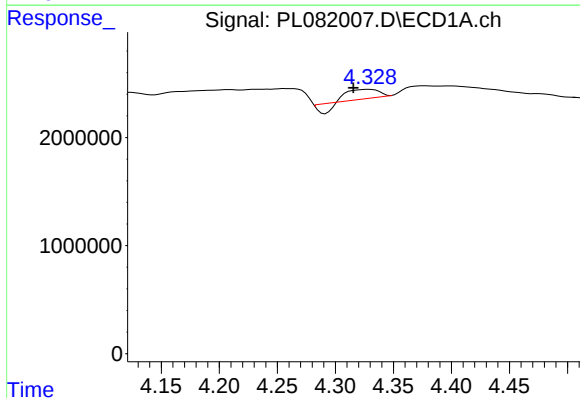
R.T.: 5.026 min  
Delta R.T.: -0.004 min  
Response: 1278796  
Conc: 0.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



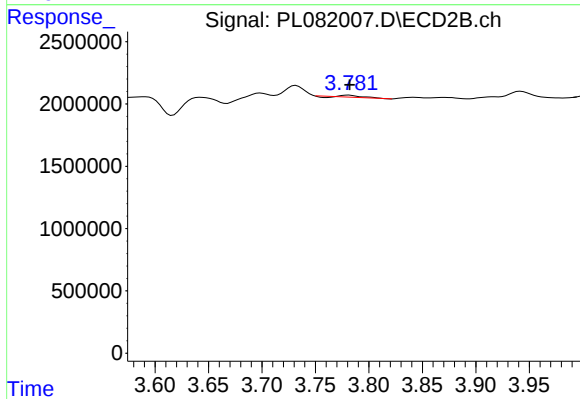
#5 Aldrin

R.T.: 4.099 min  
Delta R.T.: 0.004 min  
Response: 381731  
Conc: 0.14 ng/ml



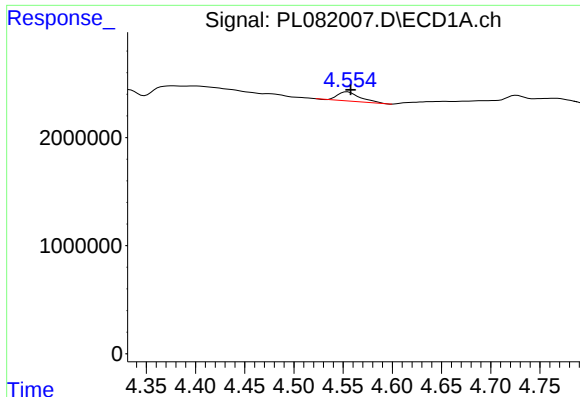
#6 beta-BHC

R.T.: 4.330 min  
Delta R.T.: 0.014 min  
Response: 1039288  
Conc: 0.69 ng/ml



#6 beta-BHC

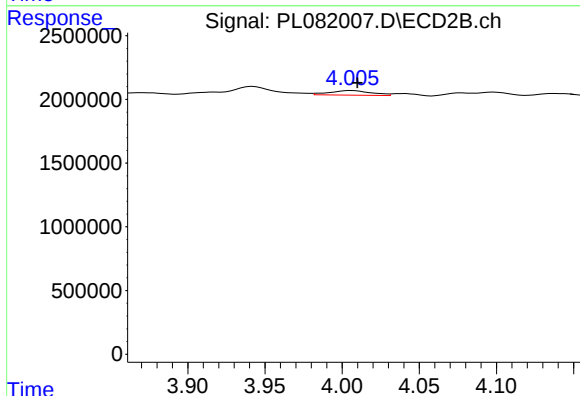
R.T.: 3.781 min  
Delta R.T.: -0.002 min  
Response: 152131  
Conc: 0.13 ng/ml



#7 delta-BHC

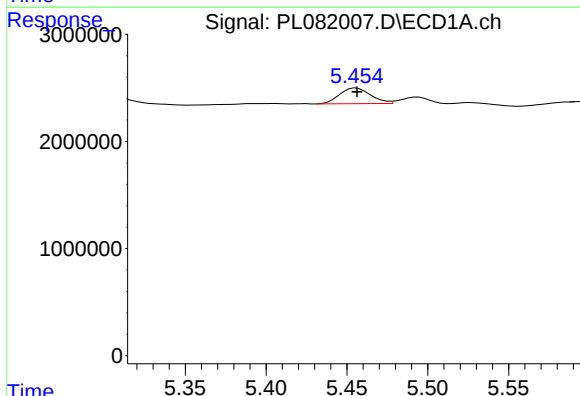
R.T.: 4.554 min  
Delta R.T.: -0.003 min  
Response: 1334349  
Conc: 0.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



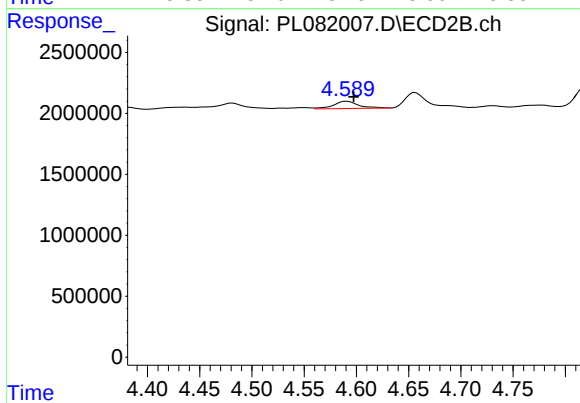
#7 delta-BHC

R.T.: 4.006 min  
Delta R.T.: -0.003 min  
Response: 665280  
Conc: 0.26 ng/ml



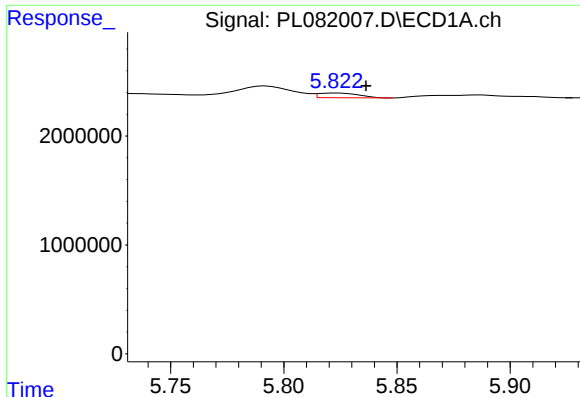
#8 Heptachlor epoxide

R.T.: 5.456 min  
Delta R.T.: 0.000 min  
Response: 1953052  
Conc: 0.72 ng/ml



#8 Heptachlor epoxide

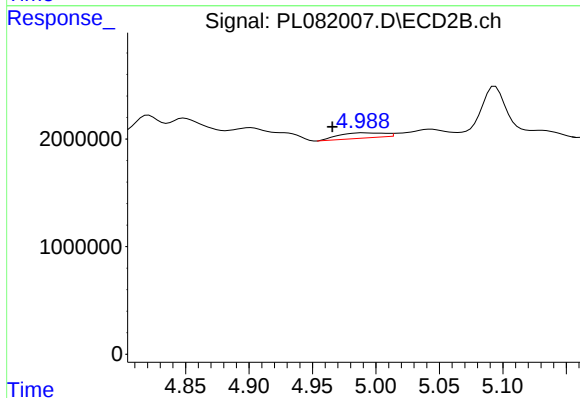
R.T.: 4.591 min  
Delta R.T.: -0.007 min  
Response: 998403  
Conc: 0.41 ng/ml



#9 Endosulfan I

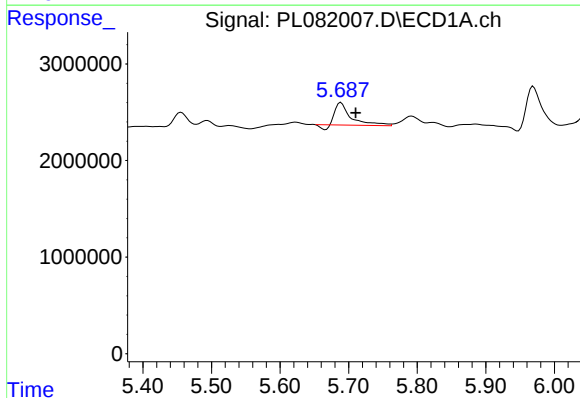
R.T.: 5.823 min  
Delta R.T.: -0.013 min  
Response: 523344  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



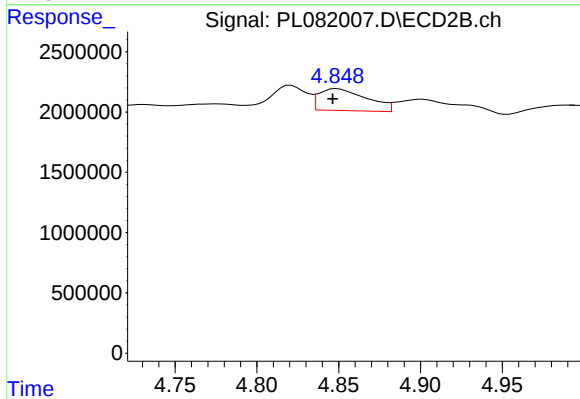
#9 Endosulfan I

R.T.: 4.989 min  
Delta R.T.: 0.024 min  
Response: 1229471  
Conc: 0.56 ng/ml



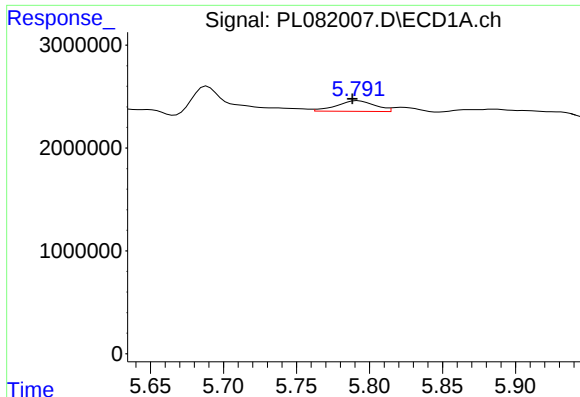
#10 gamma-Chlordane

R.T.: 5.689 min  
Delta R.T.: -0.021 min  
Response: 3493685  
Conc: 1.33 ng/ml



#10 gamma-Chlordane

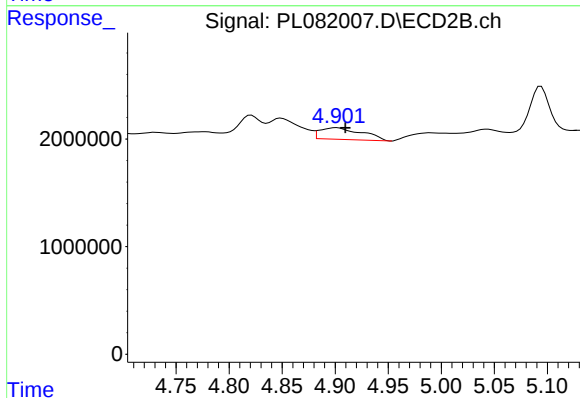
R.T.: 4.849 min  
Delta R.T.: 0.003 min  
Response: 3673404  
Conc: 1.51 ng/ml



#11 alpha-Chlordane

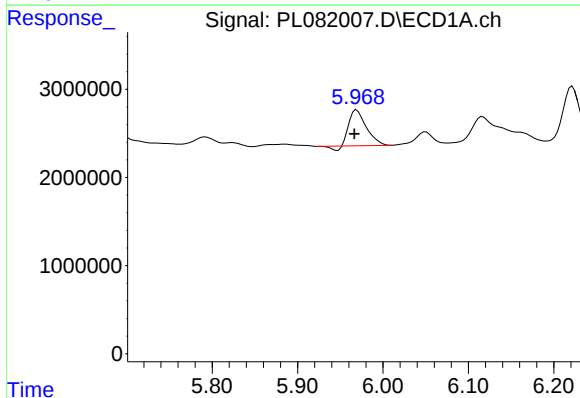
R.T.: 5.792 min  
Delta R.T.: 0.004 min  
Response: 1892041  
Conc: 0.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



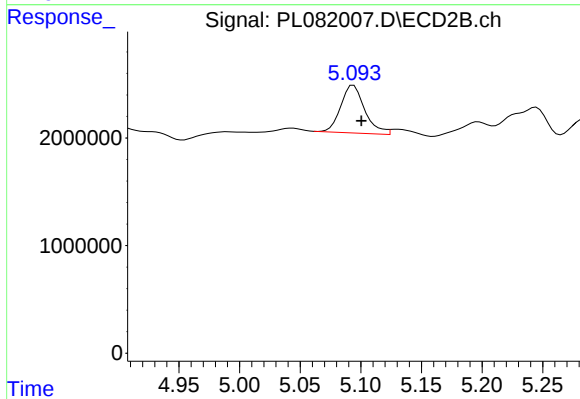
#11 alpha-Chlordane

R.T.: 4.901 min  
Delta R.T.: -0.008 min  
Response: 2995839  
Conc: 1.23 ng/ml



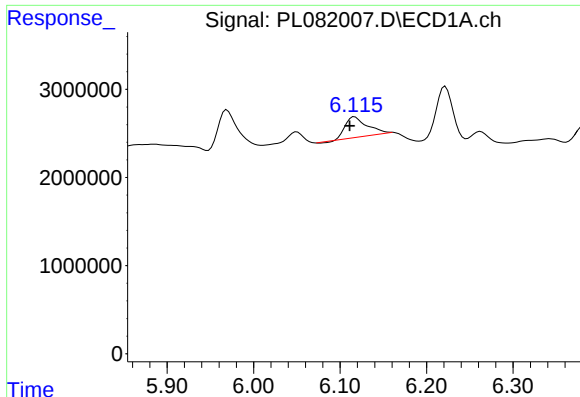
#12 4,4'-DDE

R.T.: 5.969 min  
Delta R.T.: 0.003 min  
Response: 5474921  
Conc: 2.43 ng/ml



#12 4,4'-DDE

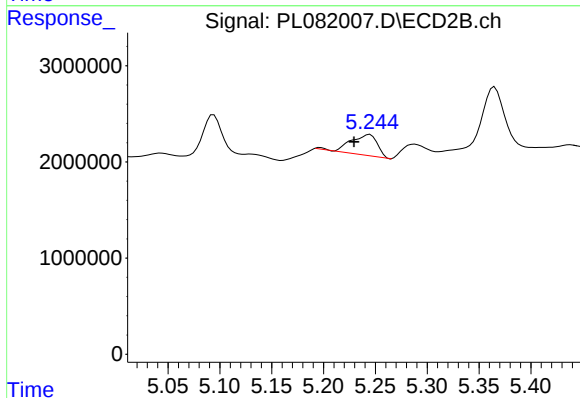
R.T.: 5.094 min  
Delta R.T.: -0.007 min  
Response: 6109470  
Conc: 3.10 ng/ml



#13 Dieldrin

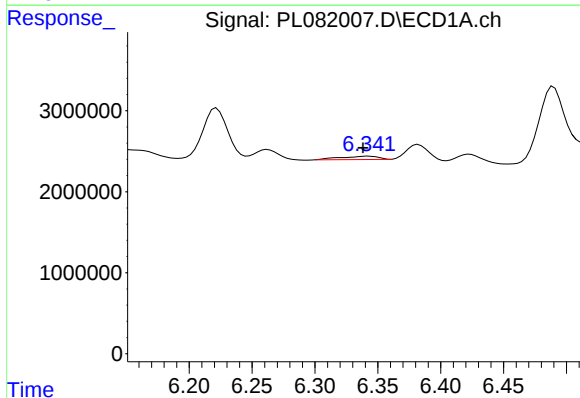
R.T.: 6.117 min  
Delta R.T.: 0.006 min  
Response: 4174235  
Conc: 1.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



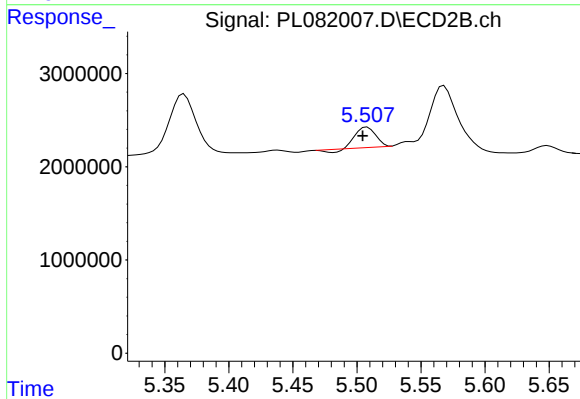
#13 Dieldrin

R.T.: 5.245 min  
Delta R.T.: 0.015 min  
Response: 3830361  
Conc: 1.70 ng/ml



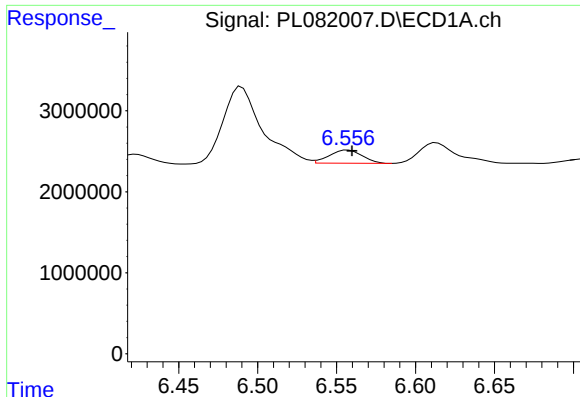
#14 Endrin

R.T.: 6.342 min  
Delta R.T.: 0.004 min  
Response: 864220  
Conc: 0.41 ng/ml



#14 Endrin

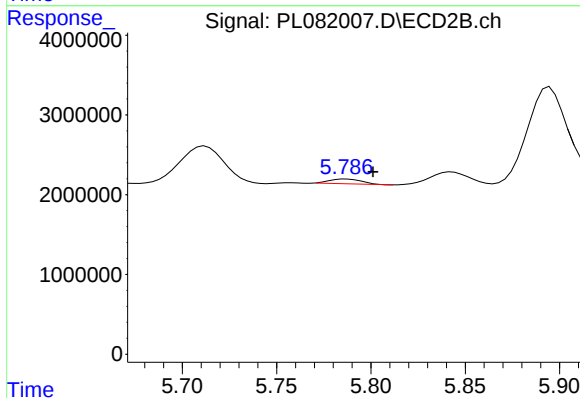
R.T.: 5.508 min  
Delta R.T.: 0.003 min  
Response: 2220854  
Conc: 1.10 ng/ml



#15 Endosulfan II

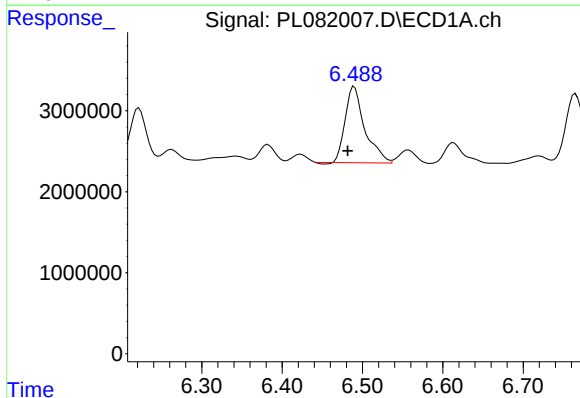
R.T.: 6.557 min  
Delta R.T.: -0.003 min  
Response: 2367421  
Conc: 1.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



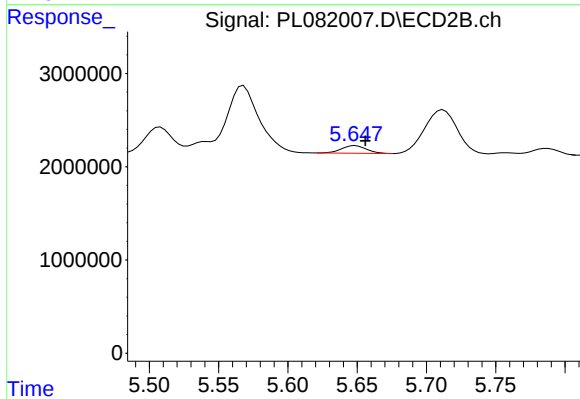
#15 Endosulfan II

R.T.: 5.787 min  
Delta R.T.: -0.014 min  
Response: 692679  
Conc: 0.38 ng/ml



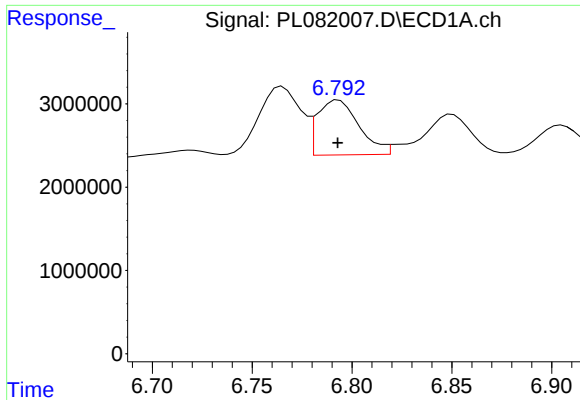
#16 4,4'-DDD

R.T.: 6.490 min  
Delta R.T.: 0.008 min  
Response: 15922785  
Conc: 8.83 ng/ml



#16 4,4'-DDD

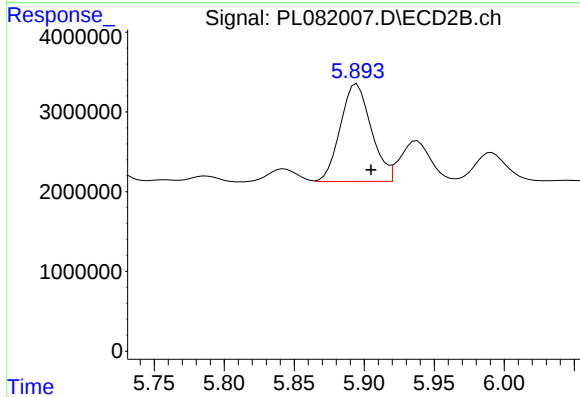
R.T.: 5.649 min  
Delta R.T.: -0.007 min  
Response: 1039151  
Conc: 0.68 ng/ml



#17 4,4'-DDT

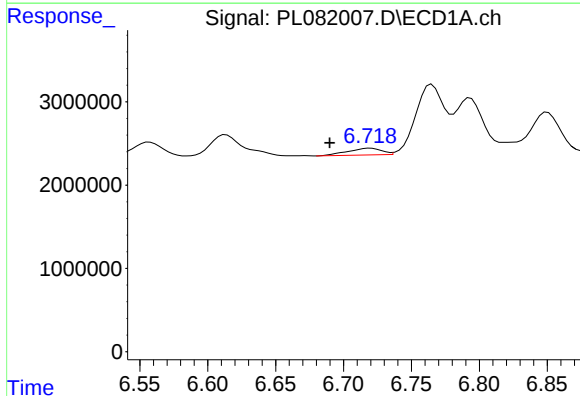
R.T.: 6.793 min  
Delta R.T.: 0.000 min  
Response: 9576687  
Conc: 4.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



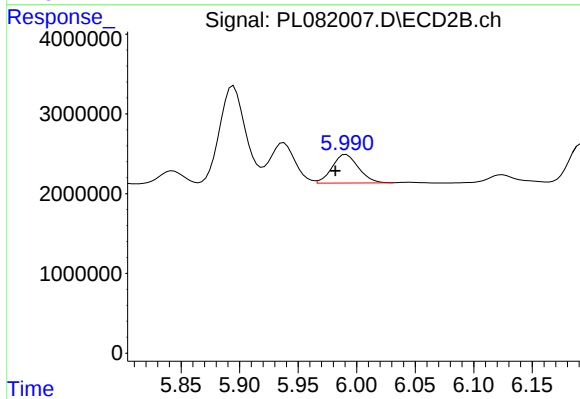
#17 4,4'-DDT

R.T.: 5.895 min  
Delta R.T.: -0.010 min  
Response: 18760954  
Conc: 10.89 ng/ml



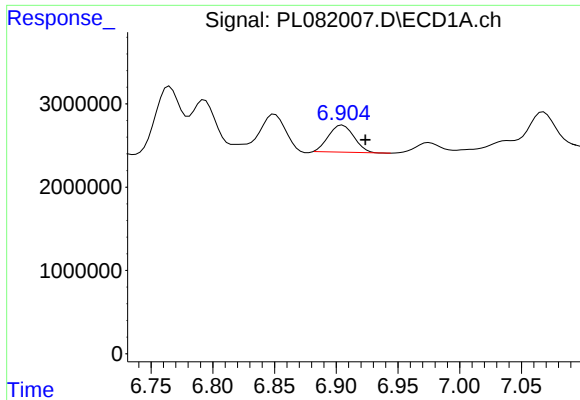
#18 Endrin aldehyde

R.T.: 6.720 min  
Delta R.T.: 0.030 min  
Response: 1385091  
Conc: 0.85 ng/ml



#18 Endrin aldehyde

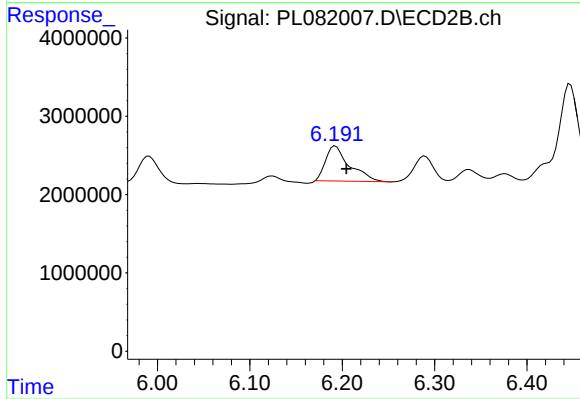
R.T.: 5.991 min  
Delta R.T.: 0.009 min  
Response: 5624204  
Conc: 3.62 ng/ml



#19 Endosulfan Sulfate

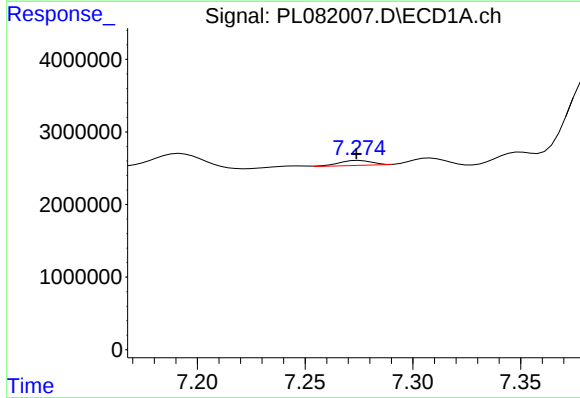
R.T.: 6.905 min  
Delta R.T.: -0.018 min  
Response: 4655279  
Conc: 2.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



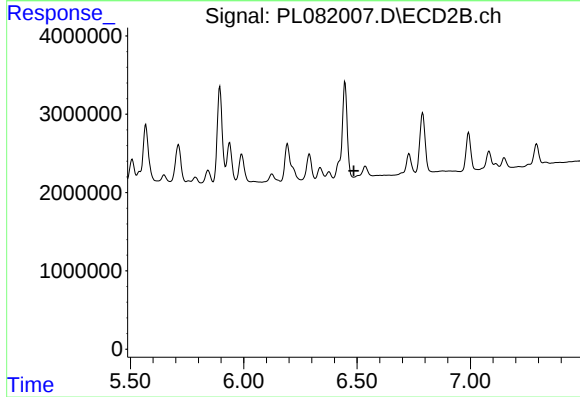
#19 Endosulfan Sulfate

R.T.: 6.193 min  
Delta R.T.: -0.012 min  
Response: 8066320  
Conc: 4.15 ng/ml



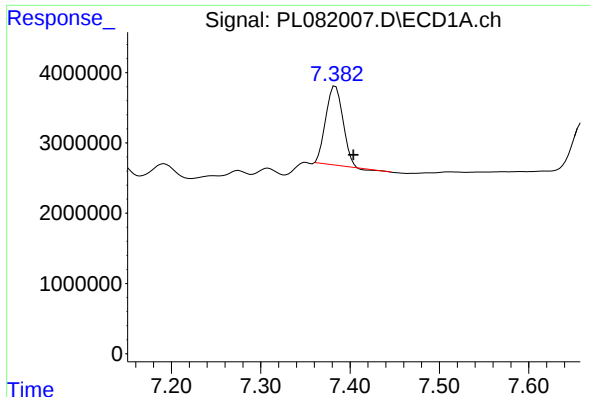
#20 Methoxychlor

R.T.: 7.275 min  
Delta R.T.: 0.001 min  
Response: 704848  
Conc: 0.65 ng/ml



#20 Methoxychlor

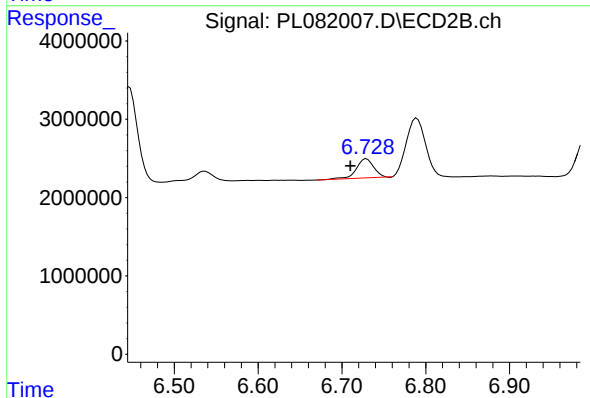
R.T.: 0.000 min  
Exp R.T. : 6.485 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

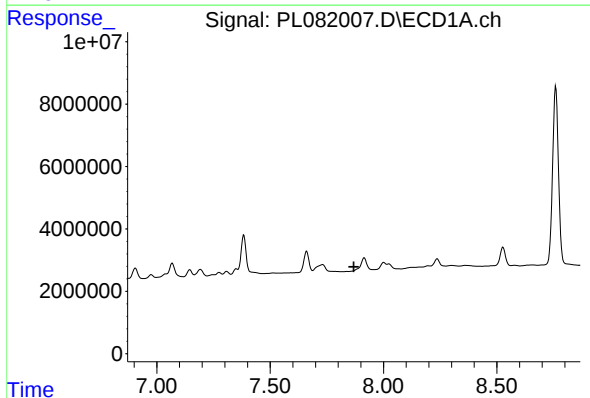
R.T.: 7.384 min  
Delta R.T.: -0.020 min  
Response: 14801589  
Conc: 7.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



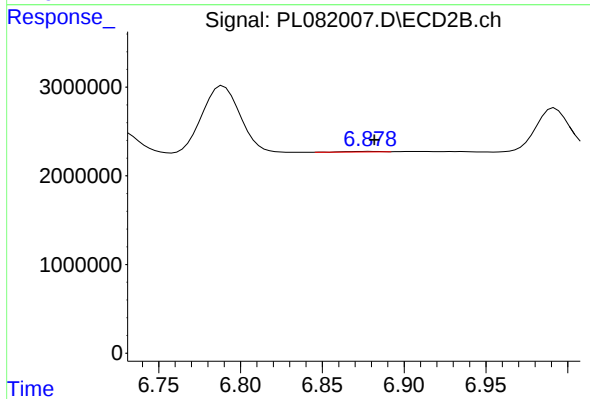
#21 Endrin ketone

R.T.: 6.729 min  
Delta R.T.: 0.019 min  
Response: 3509035  
Conc: 1.64 ng/ml



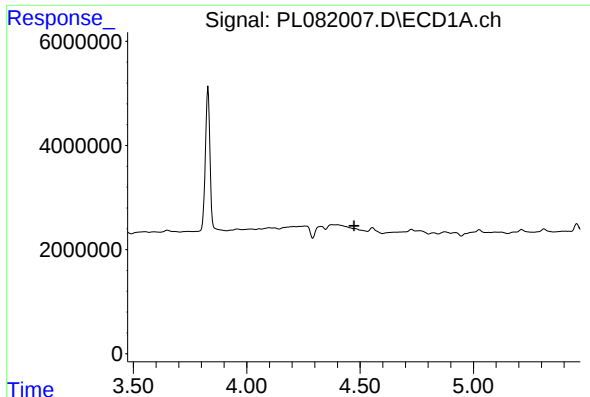
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.869 min  
Response: 0  
Conc: N.D.



#22 Mirex

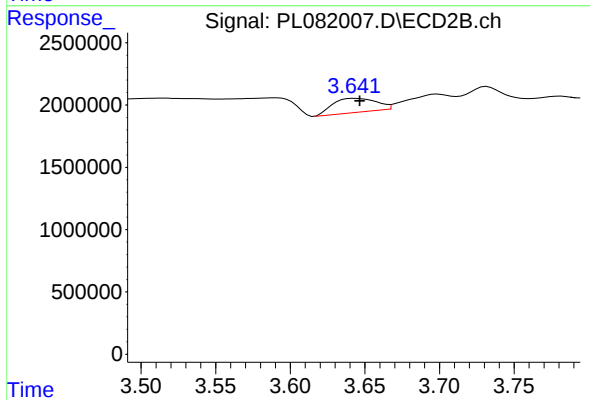
R.T.: 6.879 min  
Delta R.T.: -0.003 min  
Response: 97576  
Conc: 0.05 ng/ml



#23 Chlordane-1

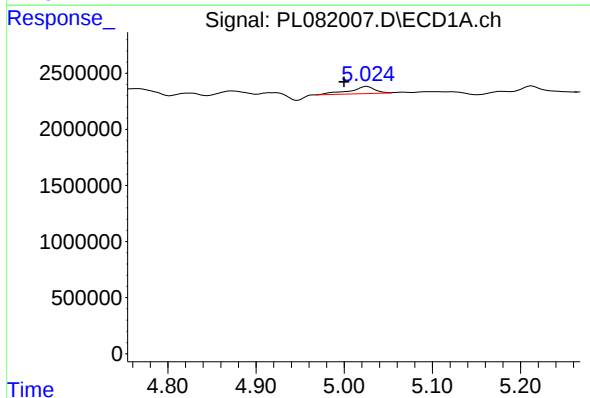
R.T.: 0.000 min  
Exp R.T.: 4.473 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



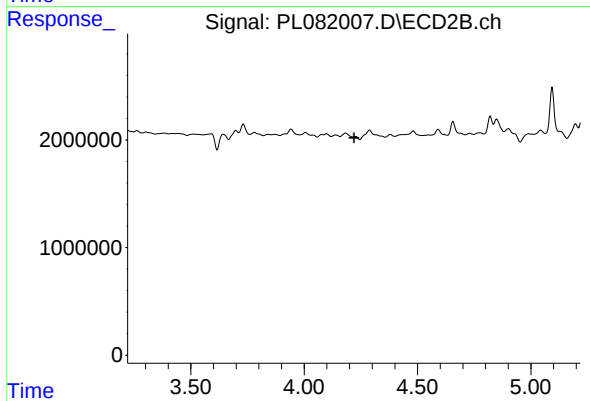
#23 Chlordane-1

R.T.: 3.643 min  
Delta R.T.: -0.004 min  
Response: 2278657  
Conc: 29.58 ng/ml



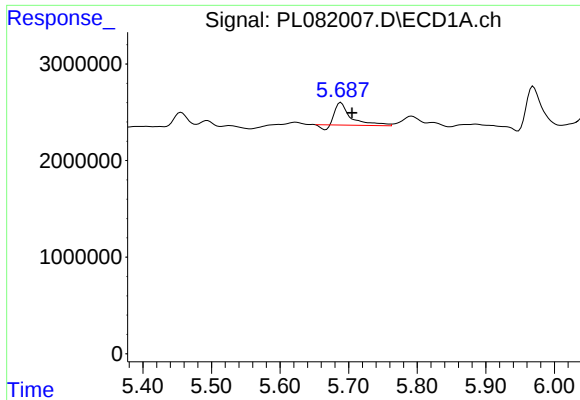
#24 Chlordane-2

R.T.: 5.026 min  
Delta R.T.: 0.026 min  
Response: 1278796  
Conc: 12.29 ng/ml



#24 Chlordane-2

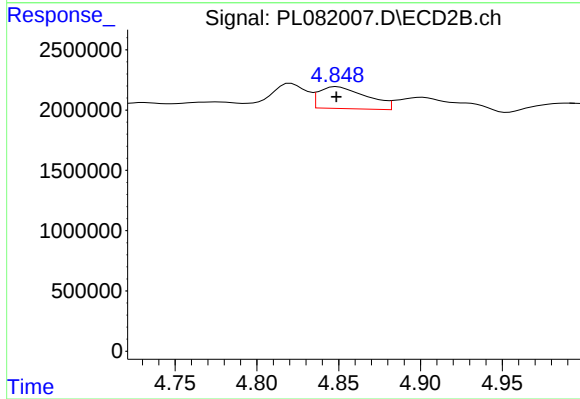
R.T.: 0.000 min  
Exp R.T.: 4.221 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

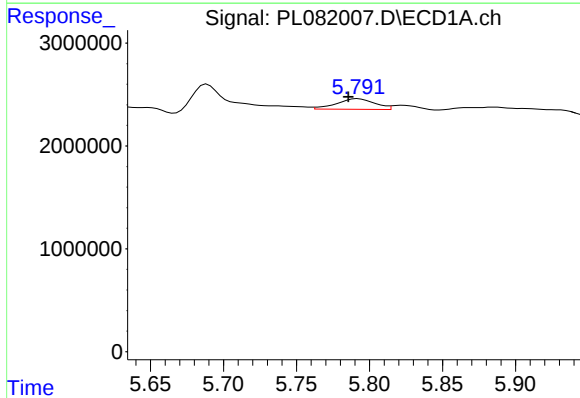
R.T.: 5.689 min  
Delta R.T.: -0.016 min  
Response: 3493685  
Conc: 8.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



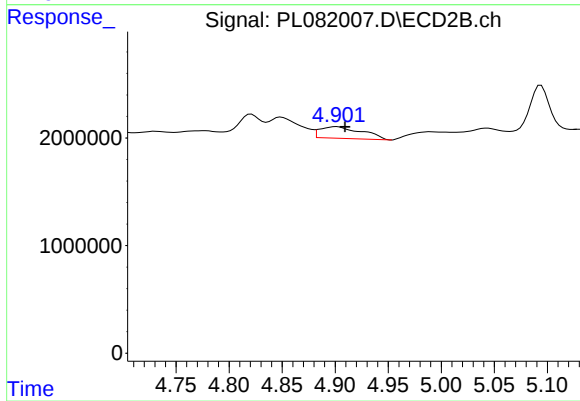
#25 Chlordane-3

R.T.: 4.849 min  
Delta R.T.: 0.000 min  
Response: 3673404  
Conc: 14.58 ng/ml



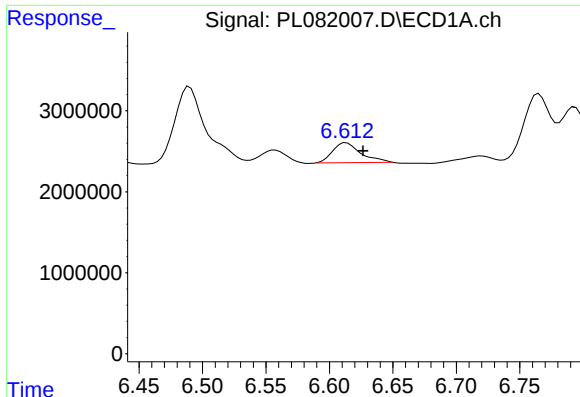
#26 Chlordane-4

R.T.: 5.792 min  
Delta R.T.: 0.006 min  
Response: 1892041  
Conc: 3.95 ng/ml



#26 Chlordane-4

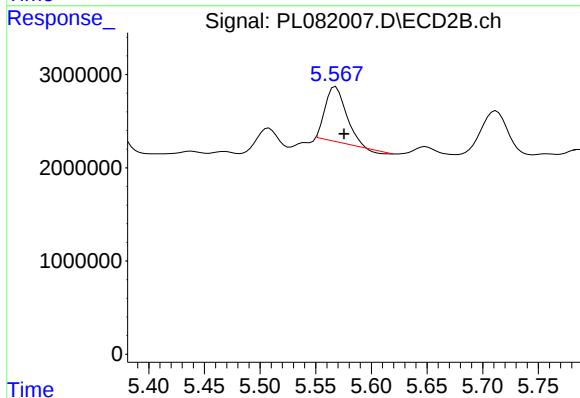
R.T.: 4.901 min  
Delta R.T.: -0.008 min  
Response: 2995839  
Conc: 11.44 ng/ml



#27 Chlordane-5

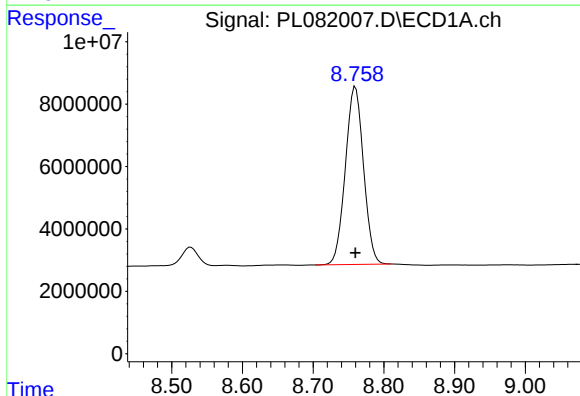
R.T.: 6.613 min  
Delta R.T.: -0.013 min  
Response: 3829375  
Conc: 45.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



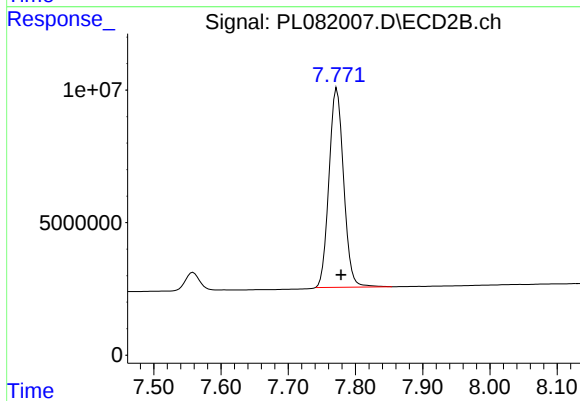
#27 Chlordane-5

R.T.: 5.568 min  
Delta R.T.: -0.007 min  
Response: 7278666  
Conc: 109.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.760 min  
Delta R.T.: 0.000 min  
Response: 101613378  
Conc: 56.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.773 min  
Delta R.T.: -0.006 min  
Response: 112807214  
Conc: 56.88 ng/ml