

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062423\  
 Data File : PD076044.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jun 2023 15:02  
 Operator : AR\AJ  
 Sample : 03331-14  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 22 22:17:52 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 16 10:43:19 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.545  | 2.766  | 25694855 | 12948322 | 12.063 | 11.935   |
| 28)                         | SA Decachlor... | 9.084  | 7.909  | 35497902 | 16206413 | 14.012 | 16.574   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 4)                          | MA Heptachlor   | 4.950f | 3.953  | 5584395  | 888145   | 1.557  | 0.585 #  |
| 5)                          | MB Aldrin       | 5.296f | 4.232  | 1216149  | 553871   | 0.347  | 0.371    |
| 7)                          | B delta-BHC     | 4.782  | 4.134  | 2025412  | 544701   | 0.609  | 0.376 #  |
| 8)                          | B Heptachlo...  | 5.688  | 4.722  | 7395594  | 99660    | 2.295  | 0.073 #  |
| 10)                         | B gamma-Chl...  | 5.953  | 4.971  | 14298385 | 2814306  | 4.439  | 2.051 #  |
| 11)                         | B alpha-Chl...  | 6.035  | 5.034  | 27471202 | 10164150 | 8.497  | 7.410    |
| 12)                         | B 4,4'-DDE      | 6.202  | 5.224  | 8884225  | 2582907  | 3.108  | 2.314 #  |
| 13)                         | MA Dieldrin     | 6.354  | 5.357  | 5042320  | 7868253  | 1.614  | 5.832 #  |
| 14)                         | MA Endrin       | 6.585  | 5.638  | 6226462  | 357538   | 2.328  | 0.294 #  |
| 15)                         | B Endosulfa...  | 6.801  | 5.916  | 1540511  | 2265530  | 0.596  | 2.100 #  |
| 16)                         | A 4,4'-DDD      | 6.732  | 5.779  | 12414044 | 621477   | 5.455  | 0.705 #  |
| 17)                         | MA 4,4'-DDT     | 7.037  | 6.027  | 4264184  | 12203487 | 1.879  | 15.024 # |
| 18)                         | B Endrin al...  | 6.960f | 6.124f | 1420531  | 1809036  | 0.708  | 2.090 #  |
| 19)                         | B Endosulfa...  | 7.151f | 6.325  | 730066   | 2906193  | 0.290  | 2.689 #  |
| 20)                         | A Methoxychlor  | 7.503  | 6.582f | 112860   | 3740015  | 0.087  | 8.081 #  |
| 21)                         | B Endrin ke...  | 7.685f | 6.865f | 885214   | 1448651  | 0.318  | 1.192 #  |
| 22)                         | Mirex           | 8.134  | 7.017  | 12546455 | 6670395  | 5.856  | 6.364    |
| 23)                         | Chlordane-1     | 4.709  | 3.765  | 3894222  | 1141041  | 33.870 | 24.929 # |
| 24)                         | Chlordane-2     | 5.239  | 4.341  | 6128933  | 2818121  | 46.569 | 53.155   |
| 25)                         | Chlordane-3     | 5.953  | 4.971  | 14298385 | 2814306  | 27.533 | 18.957 # |
| 26)                         | Chlordane-4     | 6.035  | 5.034  | 27471202 | 10164150 | 43.590 | 69.258 # |
| 27)                         | Chlordane-5     | 6.913f | 5.916f | -765487  | 2265530  | N.D.   | 46.840   |
| -----                       |                 |        |        |          |          |        |          |

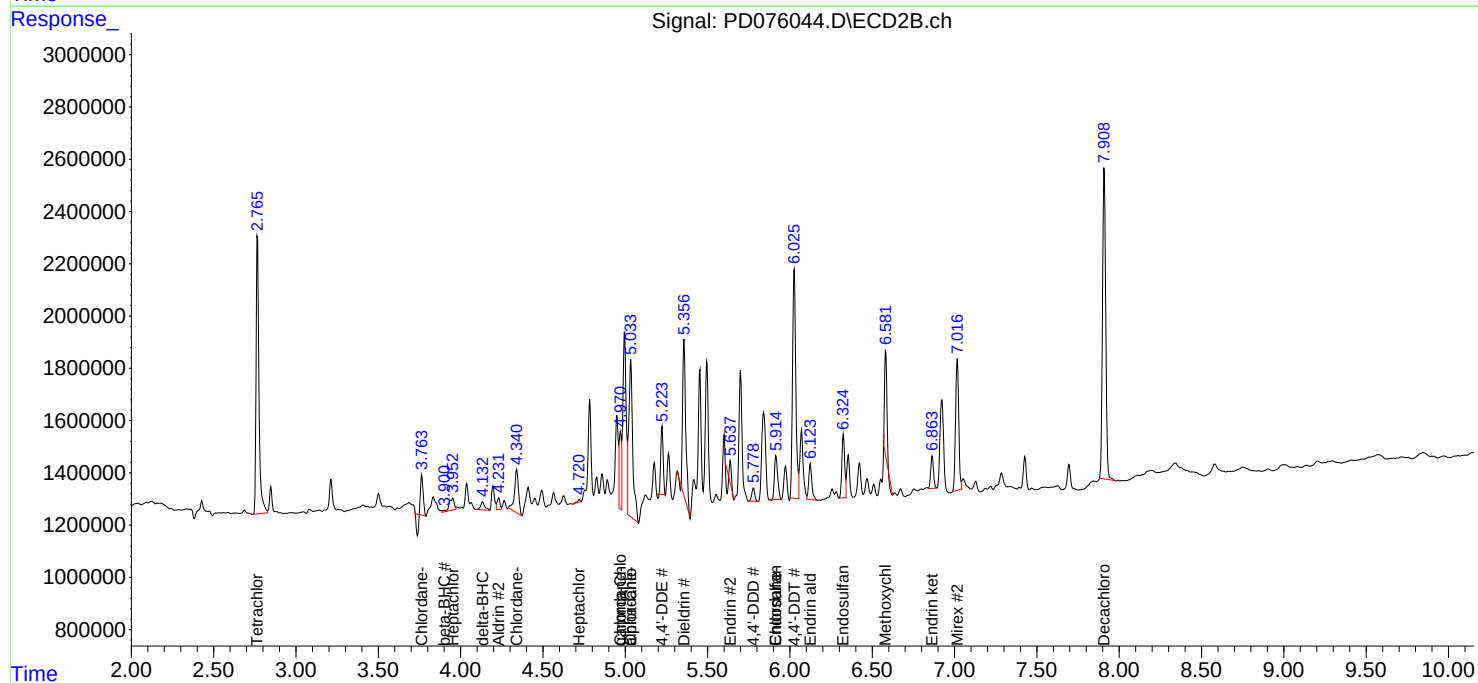
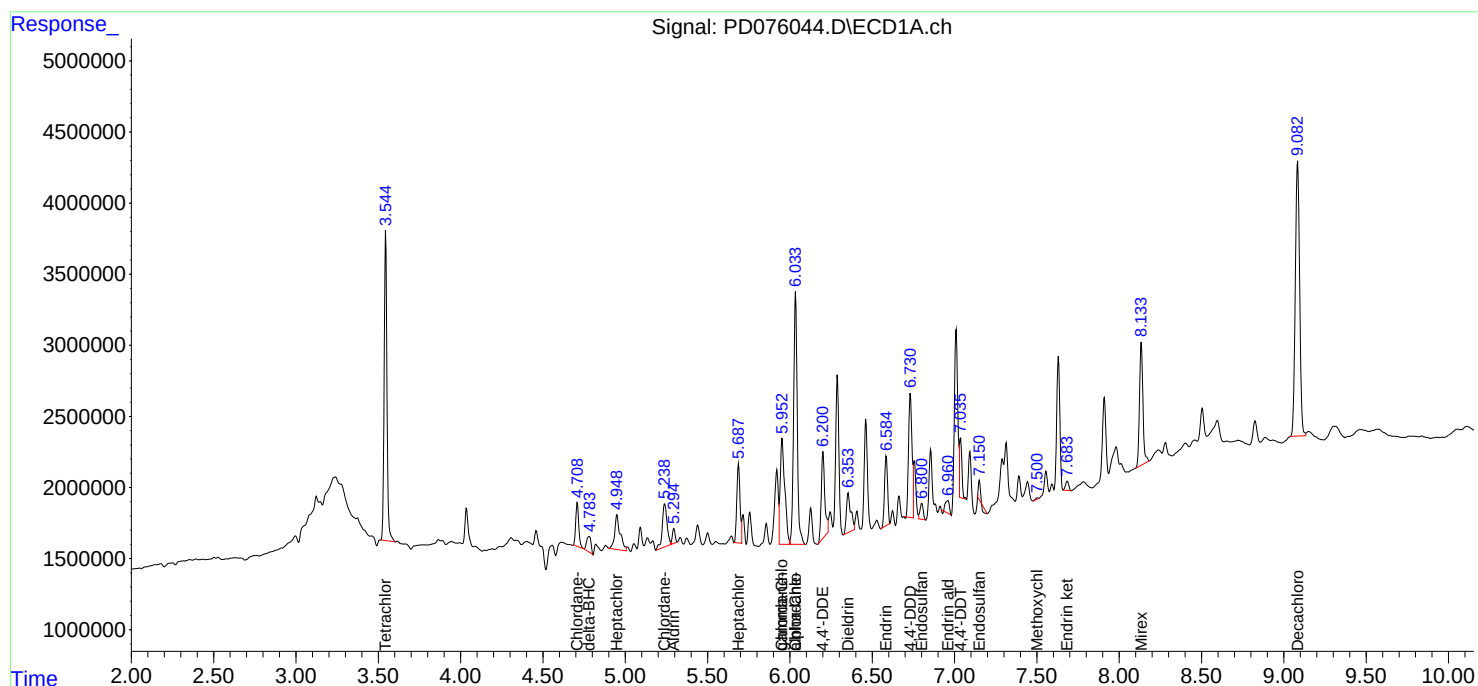
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

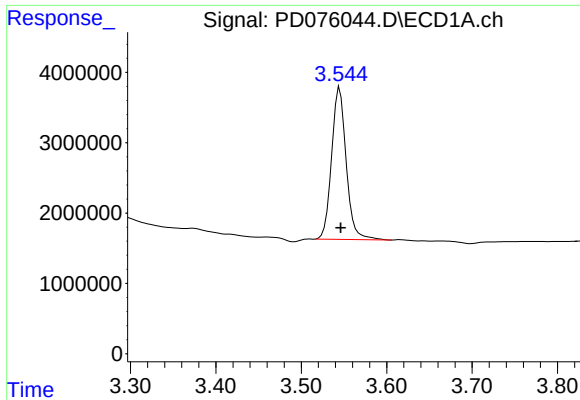
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062423\  
Data File : PD076044.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jun 2023 15:02  
Operator : AR\AJ  
Sample : 03331-14  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 22 22:17:52 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 16 10:43:19 2023  
Response via : Initial Calibration  
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Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

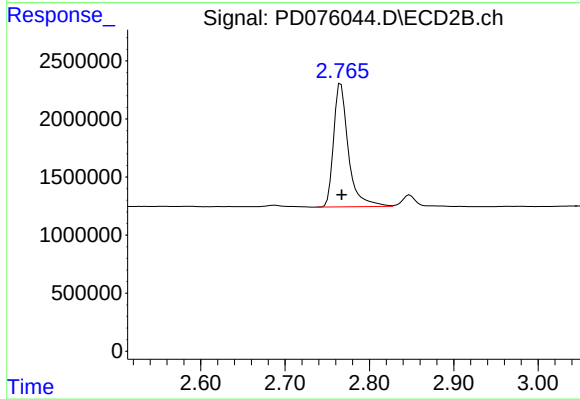




#1 Tetrachloro-m-xylene

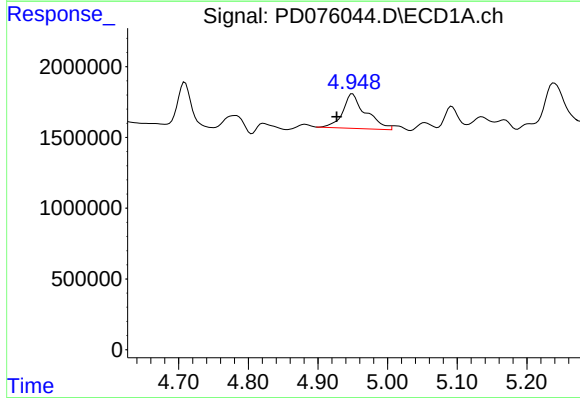
R.T.: 3.545 min  
Delta R.T.: 0.000 min  
Response: 25694855  
Conc: 12.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



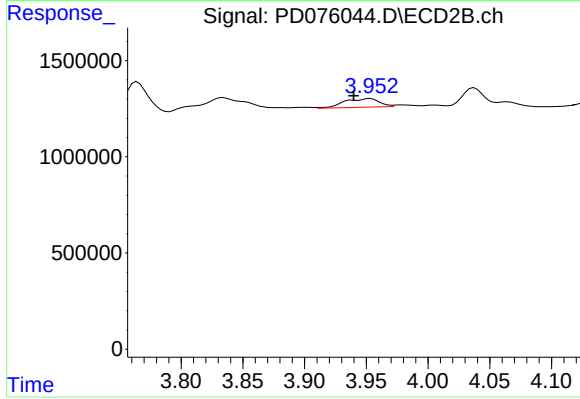
#1 Tetrachloro-m-xylene

R.T.: 2.766 min  
Delta R.T.: 0.000 min  
Response: 12948322  
Conc: 11.93 ng/ml



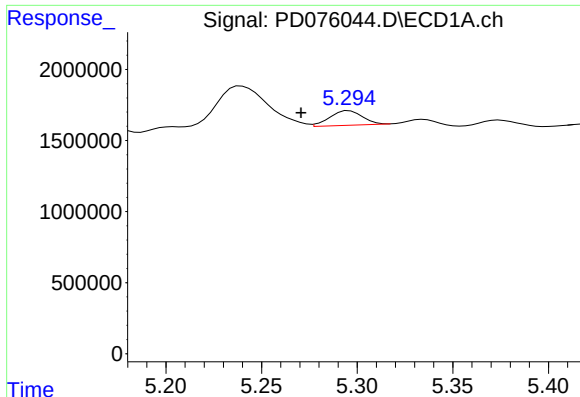
#4 Heptachlor

R.T.: 4.950 min  
Delta R.T.: 0.023 min  
Response: 5584395  
Conc: 1.56 ng/ml



#4 Heptachlor

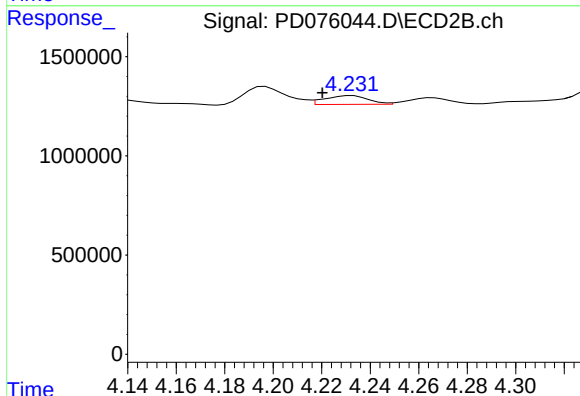
R.T.: 3.953 min  
Delta R.T.: 0.013 min  
Response: 888145  
Conc: 0.58 ng/ml



#5 Aldrin

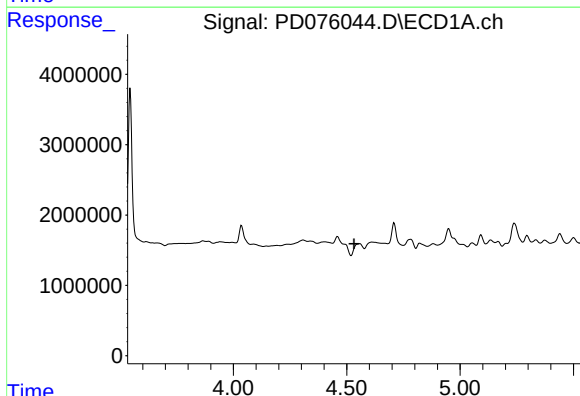
R.T.: 5.296 min  
Delta R.T.: 0.025 min  
Response: 1216149  
Conc: 0.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



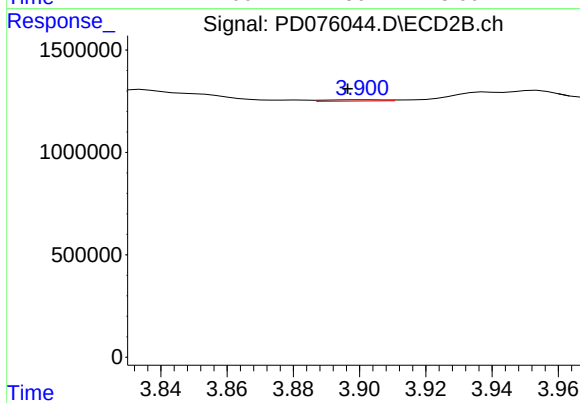
#5 Aldrin

R.T.: 4.232 min  
Delta R.T.: 0.012 min  
Response: 553871  
Conc: 0.37 ng/ml



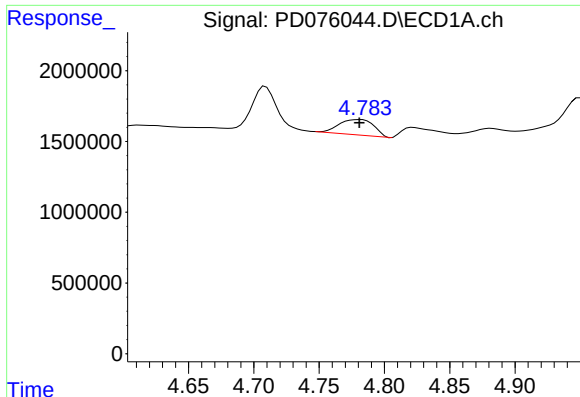
#6 beta-BHC

R.T.: 4.557 min  
Delta R.T.: 0.025 min  
Response: -189306  
Conc: N.D.



#6 beta-BHC

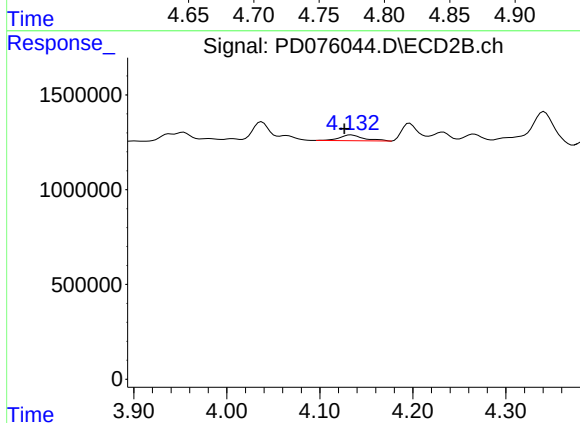
R.T.: 3.902 min  
Delta R.T.: 0.006 min  
Response: 79140  
Conc: 0.12 ng/ml



#7 delta-BHC

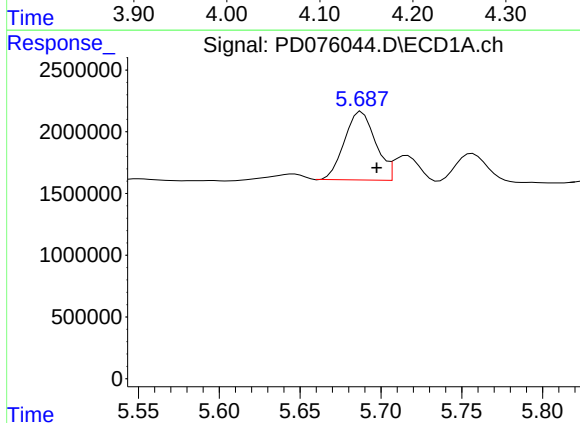
R.T.: 4.782 min  
Delta R.T.: 0.001 min  
Response: 2025412  
Conc: 0.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



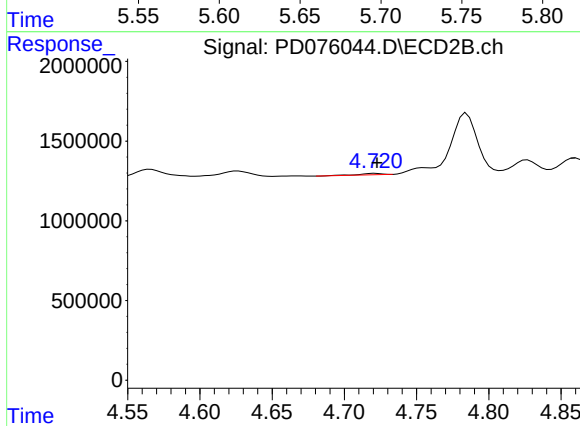
#7 delta-BHC

R.T.: 4.134 min  
Delta R.T.: 0.007 min  
Response: 544701  
Conc: 0.38 ng/ml



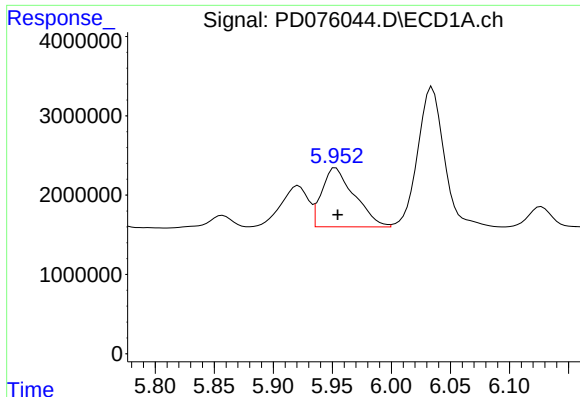
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: -0.009 min  
Response: 7395594  
Conc: 2.30 ng/ml



#8 Heptachlor epoxide

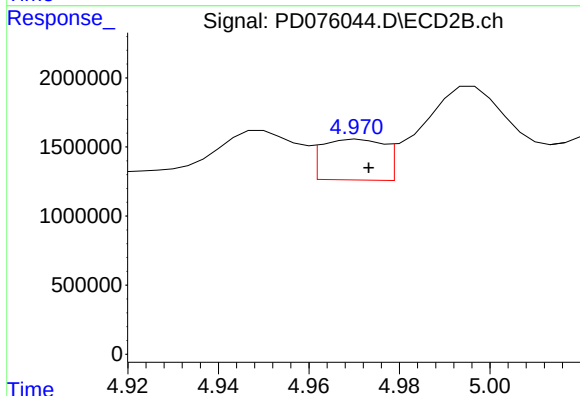
R.T.: 4.722 min  
Delta R.T.: -0.001 min  
Response: 99660  
Conc: 0.07 ng/ml



#10 gamma-Chlordane

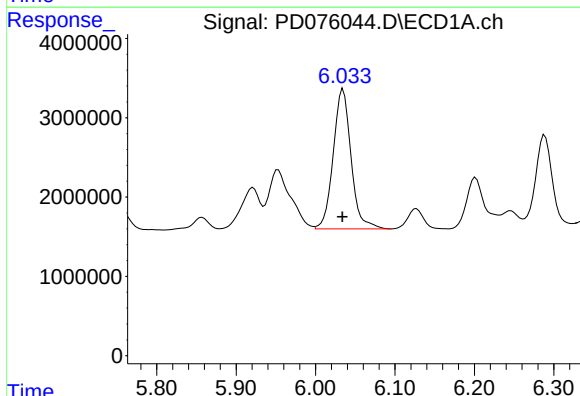
R.T.: 5.953 min  
Delta R.T.: -0.002 min  
Response: 14298385  
Conc: 4.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



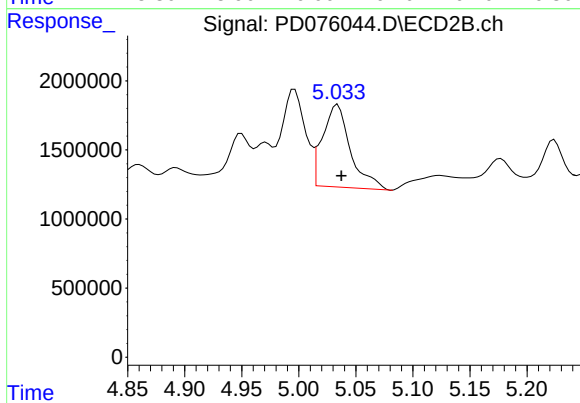
#10 gamma-Chlordane

R.T.: 4.971 min  
Delta R.T.: -0.002 min  
Response: 2814306  
Conc: 2.05 ng/ml



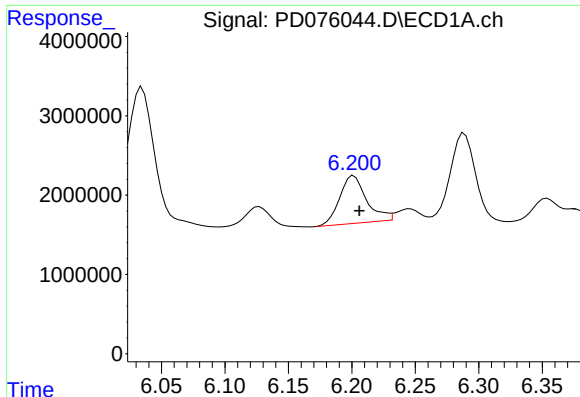
#11 alpha-Chlordane

R.T.: 6.035 min  
Delta R.T.: 0.000 min  
Response: 27471202  
Conc: 8.50 ng/ml



#11 alpha-Chlordane

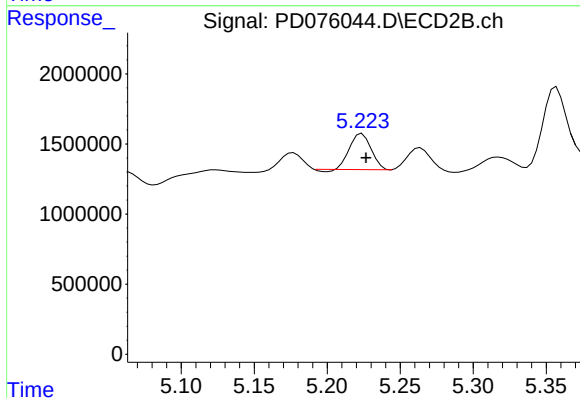
R.T.: 5.034 min  
Delta R.T.: -0.003 min  
Response: 10164150  
Conc: 7.41 ng/ml



#12 4,4'-DDE

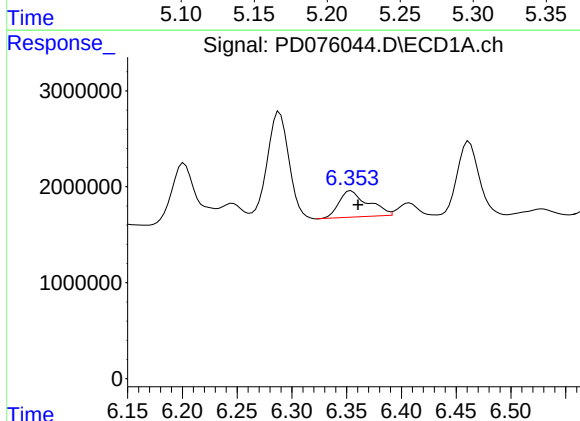
R.T.: 6.202 min  
Delta R.T.: -0.004 min  
Response: 8884225  
Conc: 3.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



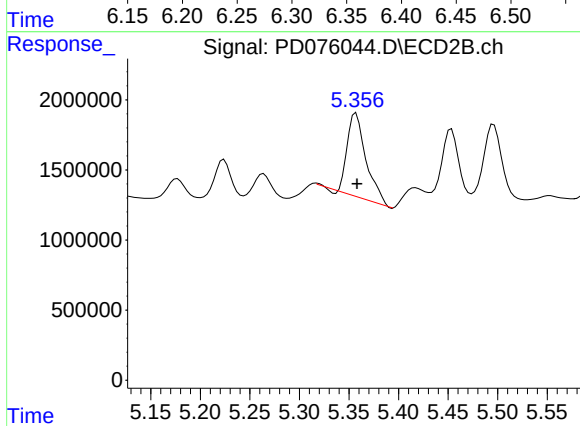
#12 4,4'-DDE

R.T.: 5.224 min  
Delta R.T.: -0.003 min  
Response: 2582907  
Conc: 2.31 ng/ml



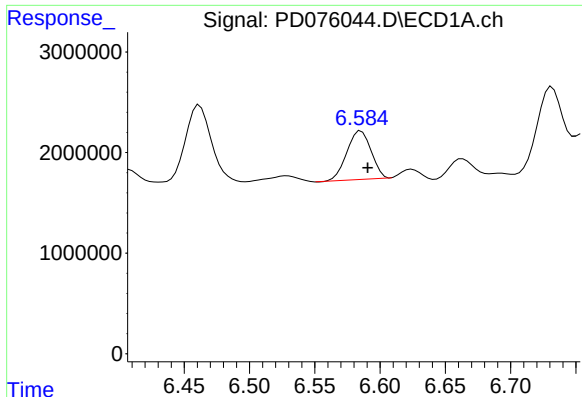
#13 Dieldrin

R.T.: 6.354 min  
Delta R.T.: -0.006 min  
Response: 5042320  
Conc: 1.61 ng/ml



#13 Dieldrin

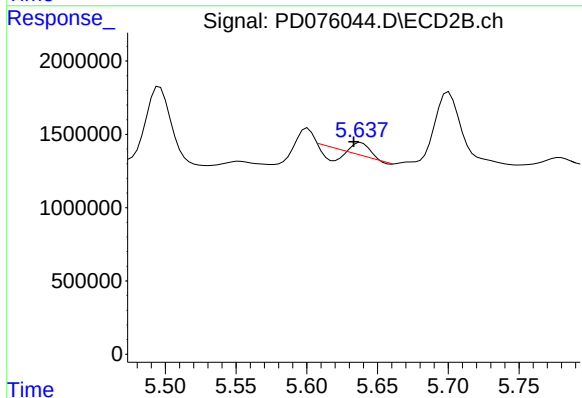
R.T.: 5.357 min  
Delta R.T.: -0.001 min  
Response: 7868253  
Conc: 5.83 ng/ml



#14 Endrin

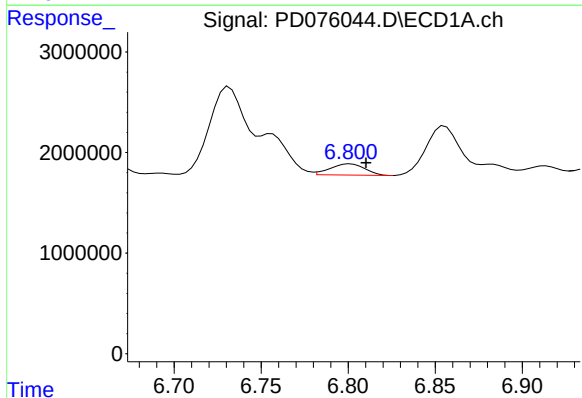
R.T.: 6.585 min  
Delta R.T.: -0.005 min  
Response: 6226462  
Conc: 2.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



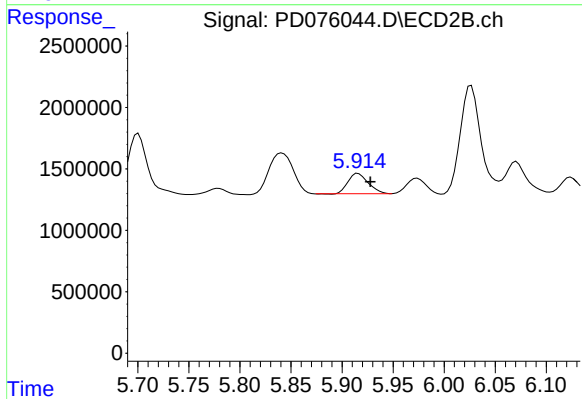
#14 Endrin

R.T.: 5.638 min  
Delta R.T.: 0.005 min  
Response: 357538  
Conc: 0.29 ng/ml



#15 Endosulfan II

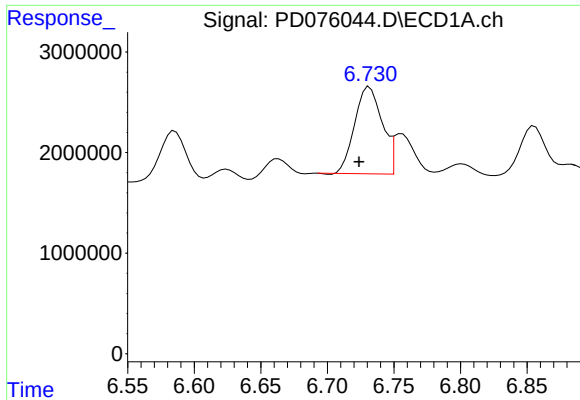
R.T.: 6.801 min  
Delta R.T.: -0.009 min  
Response: 1540511  
Conc: 0.60 ng/ml



#15 Endosulfan II

R.T.: 5.916 min  
Delta R.T.: -0.012 min  
Response: 2265530  
Conc: 2.10 ng/ml

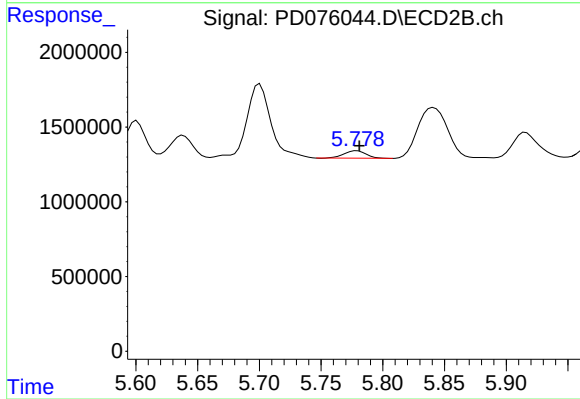




#16 4,4'-DDD

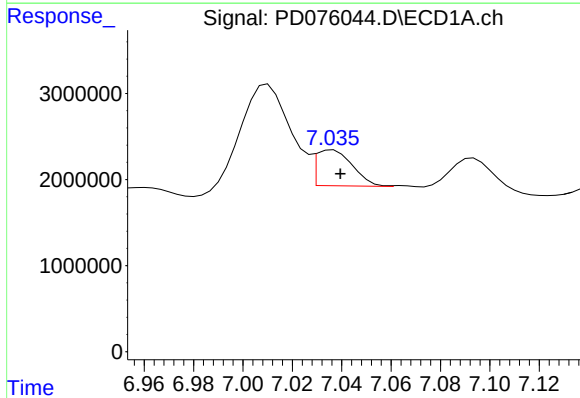
R.T.: 6.732 min  
Delta R.T.: 0.008 min  
Response: 12414044  
Conc: 5.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



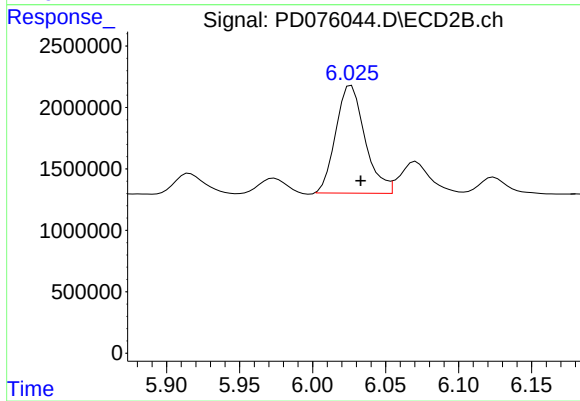
#16 4,4'-DDD

R.T.: 5.779 min  
Delta R.T.: -0.002 min  
Response: 621477  
Conc: 0.71 ng/ml



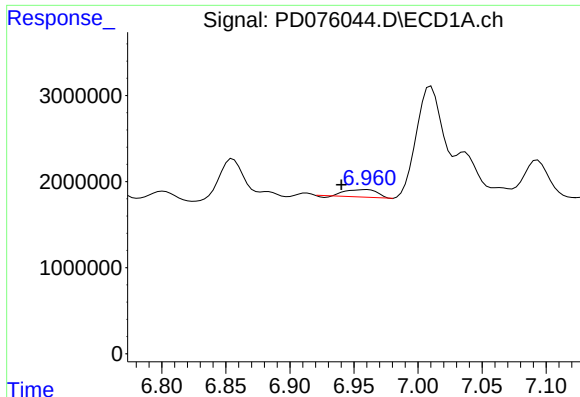
#17 4,4'-DDT

R.T.: 7.037 min  
Delta R.T.: -0.003 min  
Response: 4264184  
Conc: 1.88 ng/ml



#17 4,4'-DDT

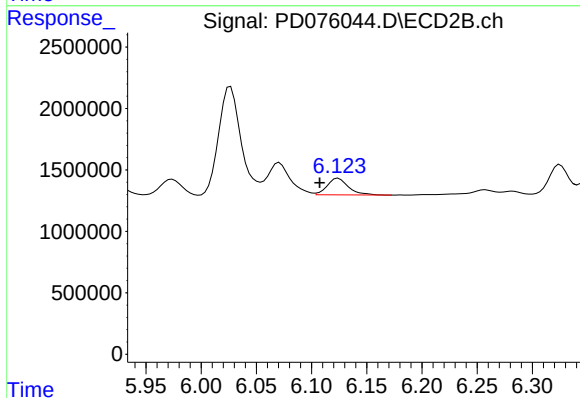
R.T.: 6.027 min  
Delta R.T.: -0.006 min  
Response: 12203487  
Conc: 15.02 ng/ml



#18 Endrin aldehyde

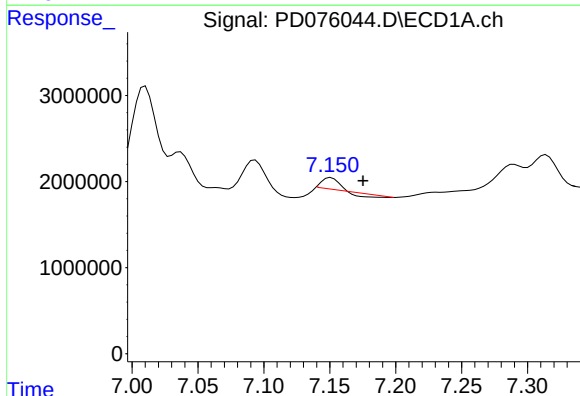
R.T.: 6.960 min  
Delta R.T.: 0.020 min  
Response: 1420531  
Conc: 0.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



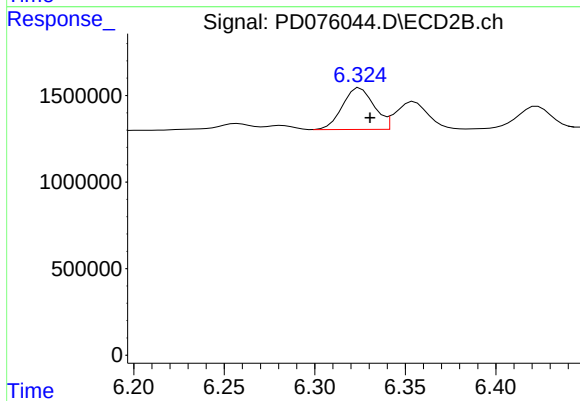
#18 Endrin aldehyde

R.T.: 6.124 min  
Delta R.T.: 0.017 min  
Response: 1809036  
Conc: 2.09 ng/ml



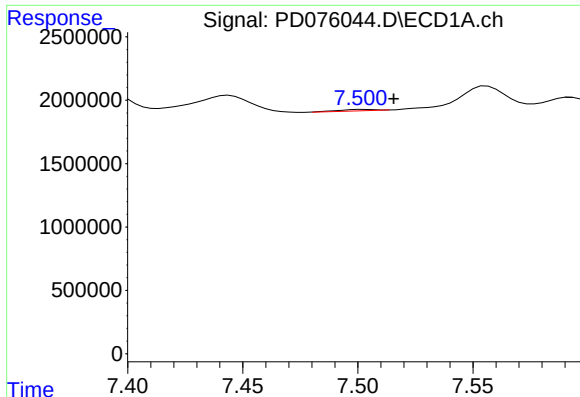
#19 Endosulfan Sulfate

R.T.: 7.151 min  
Delta R.T.: -0.024 min  
Response: 730066  
Conc: 0.29 ng/ml



#19 Endosulfan Sulfate

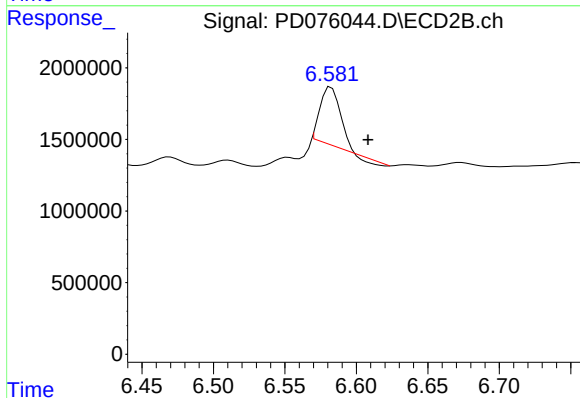
R.T.: 6.325 min  
Delta R.T.: -0.005 min  
Response: 2906193  
Conc: 2.69 ng/ml



#20 Methoxychlor

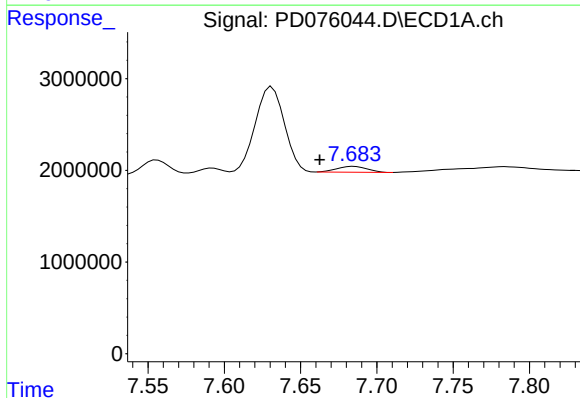
R.T.: 7.503 min  
Delta R.T.: -0.013 min  
Response: 112860  
Conc: 0.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



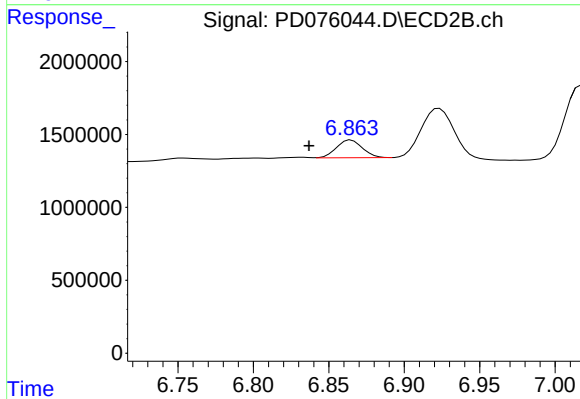
#20 Methoxychlor

R.T.: 6.582 min  
Delta R.T.: -0.026 min  
Response: 3740015  
Conc: 8.08 ng/ml



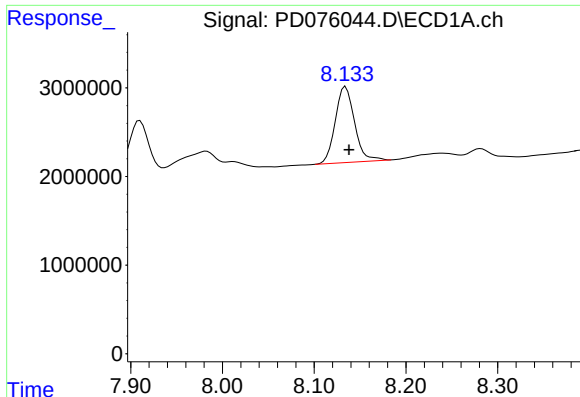
#21 Endrin ketone

R.T.: 7.685 min  
Delta R.T.: 0.022 min  
Response: 885214  
Conc: 0.32 ng/ml



#21 Endrin ketone

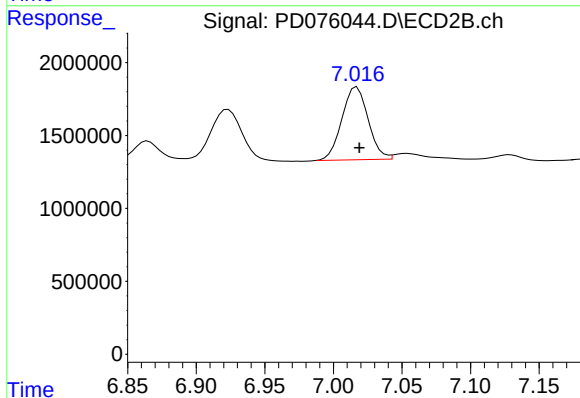
R.T.: 6.865 min  
Delta R.T.: 0.028 min  
Response: 1448651  
Conc: 1.19 ng/ml



#22 Mirex

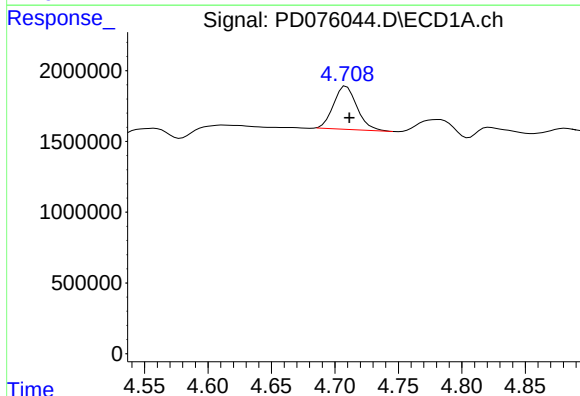
R.T.: 8.134 min  
Delta R.T.: -0.004 min  
Response: 12546455  
Conc: 5.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



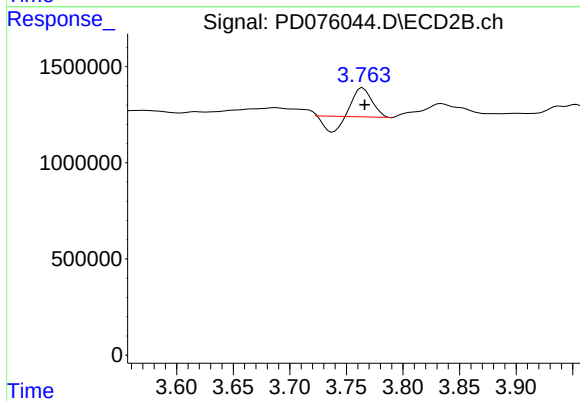
#22 Mirex

R.T.: 7.017 min  
Delta R.T.: -0.002 min  
Response: 6670395  
Conc: 6.36 ng/ml



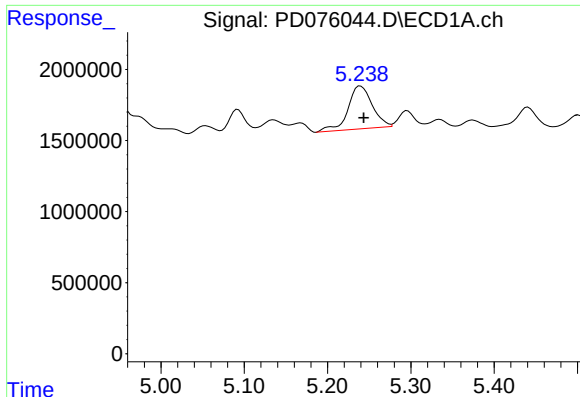
#23 Chlordane-1

R.T.: 4.709 min  
Delta R.T.: -0.002 min  
Response: 3894222  
Conc: 33.87 ng/ml



#23 Chlordane-1

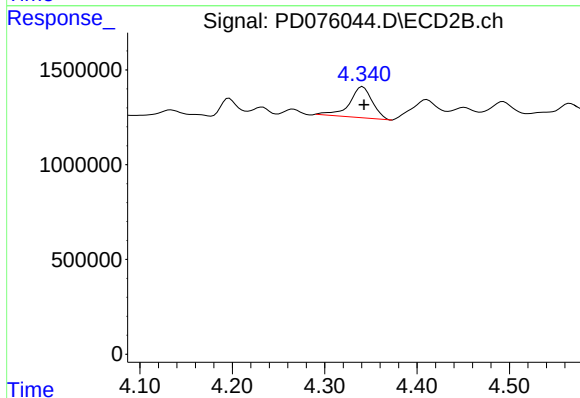
R.T.: 3.765 min  
Delta R.T.: -0.002 min  
Response: 1141041  
Conc: 24.93 ng/ml



#24 Chlordane-2

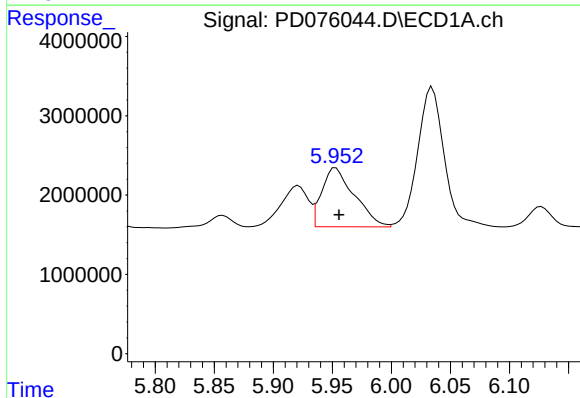
R.T.: 5.239 min  
Delta R.T.: -0.004 min  
Response: 6128933  
Conc: 46.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



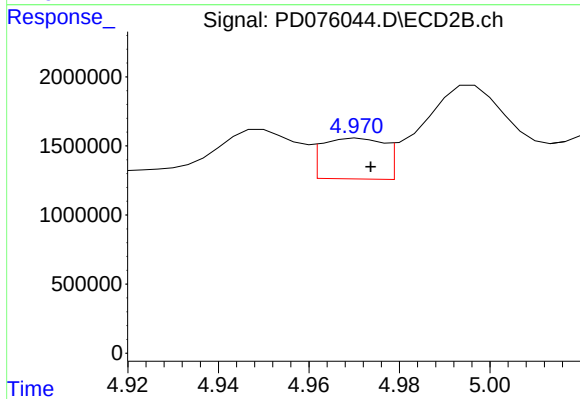
#24 Chlordane-2

R.T.: 4.341 min  
Delta R.T.: -0.002 min  
Response: 2818121  
Conc: 53.15 ng/ml



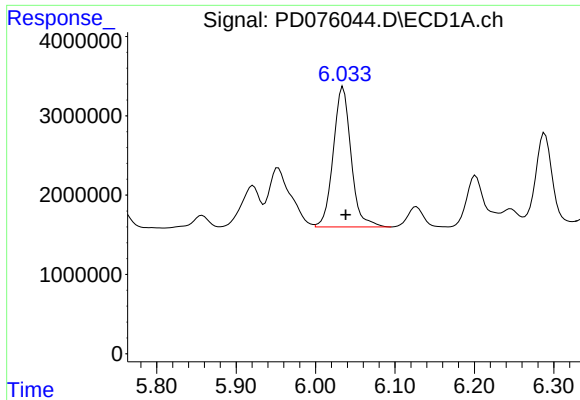
#25 Chlordane-3

R.T.: 5.953 min  
Delta R.T.: -0.003 min  
Response: 14298385  
Conc: 27.53 ng/ml



#25 Chlordane-3

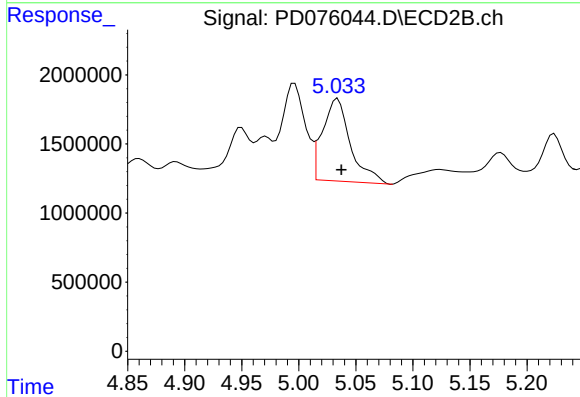
R.T.: 4.971 min  
Delta R.T.: -0.002 min  
Response: 2814306  
Conc: 18.96 ng/ml



#26 Chlordane-4

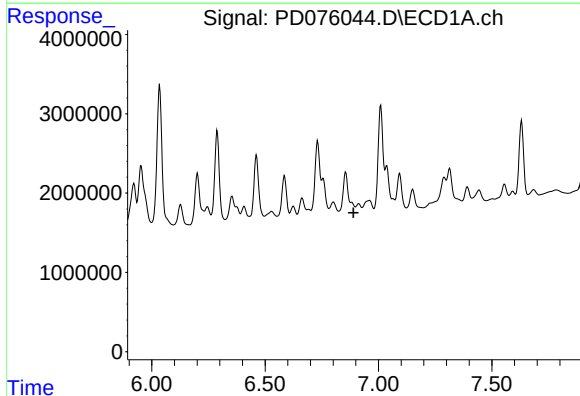
R.T.: 6.035 min  
Delta R.T.: -0.003 min  
Response: 27471202  
Conc: 43.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



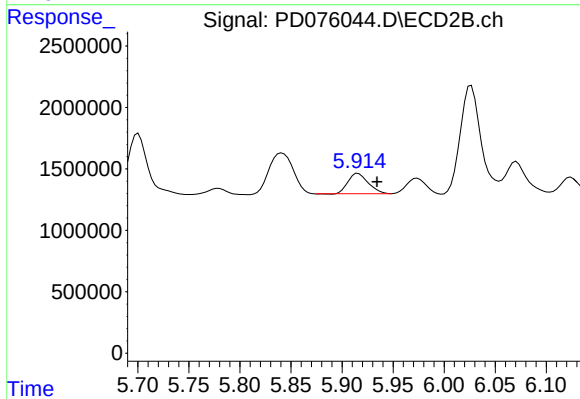
#26 Chlordane-4

R.T.: 5.034 min  
Delta R.T.: -0.003 min  
Response: 10164150  
Conc: 69.26 ng/ml



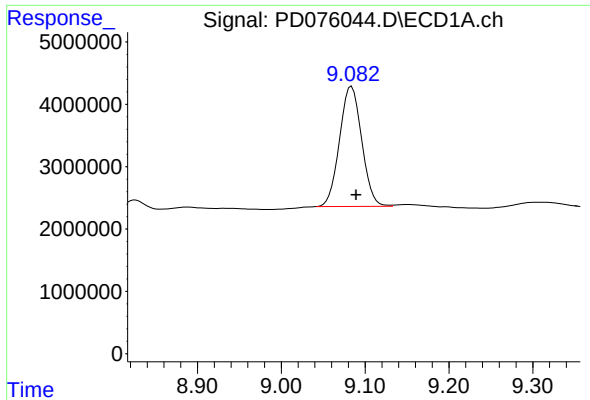
#27 Chlordane-5

R.T.: 6.913 min  
Delta R.T.: 0.023 min  
Response: -765487  
Conc: N.D.



#27 Chlordane-5

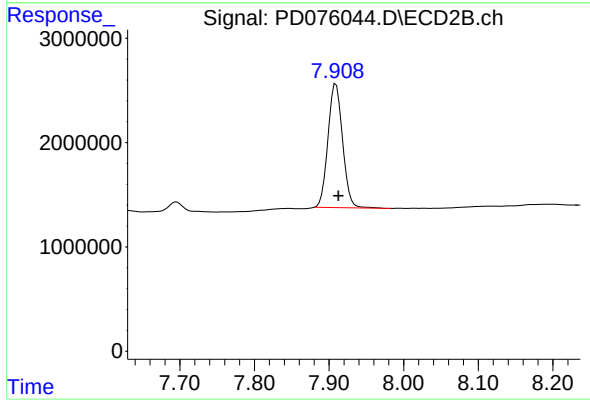
R.T.: 5.916 min  
Delta R.T.: -0.018 min  
Response: 2265530  
Conc: 46.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.084 min  
Delta R.T.: -0.005 min  
Response: 35497902  
Conc: 14.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.909 min  
Delta R.T.: -0.003 min  
Response: 16206413  
Conc: 16.57 ng/ml