

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122623\  
 Data File : PD080486.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Dec 2023 23:17  
 Operator : AR\AJ  
 Sample : 05899-23  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 26 03:24:40 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120623.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Dec 06 14:11:45 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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

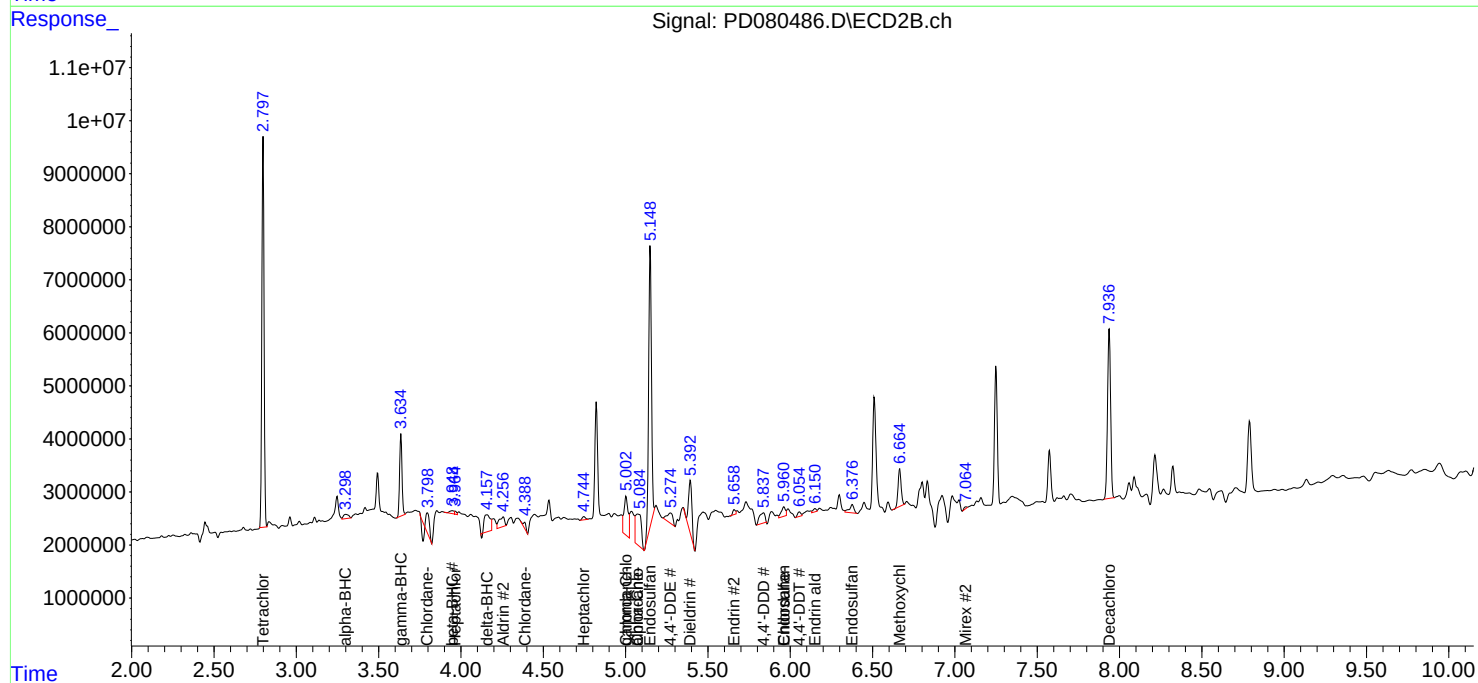
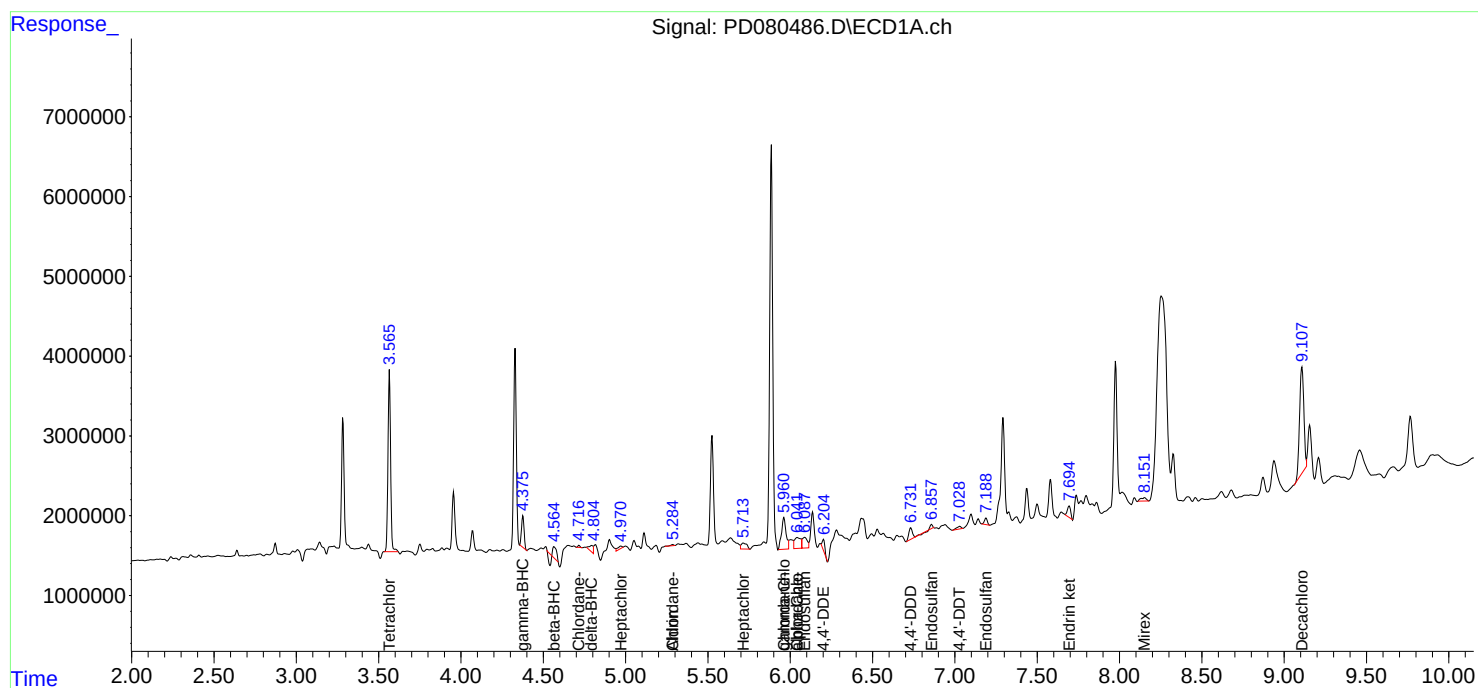
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.566  | 2.798  | 25281443 | 69008277 | 16.774 | 27.452 # |
| 28)                         | SA Decachlor... | 9.108  | 7.938  | 23929510 | 42026885 | 11.822 | 14.909 # |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.300  | 0        | 1759271  | N.D.   | 0.460 #  |
| 3)                          | MA gamma-BHC... | 4.377f | 3.636  | 4381911  | 15586248 | 1.850  | 4.289 #  |
| 4)                          | MA Heptachlor   | 4.972f | 3.965  | 636157   | 522838   | 0.259  | 0.149 #  |
| 5)                          | MB Aldrin       | 5.286  | 4.257  | 211011   | 4445074  | 0.089  | 1.249 #  |
| 6)                          | B beta-BHC      | 4.565  | 3.948f | 956222   | 1029667  | 0.955  | 0.667 #  |
| 7)                          | B delta-BHC     | 4.793  | 4.158  | 1324439  | 7863190  | 0.541  | 2.088 #  |
| 8)                          | B Heptachlo...  | 5.715  | 4.747  | 1806496  | 836388   | 0.820  | 0.255 #  |
| 9)                          | A Endosulfan I  | 6.088f | 5.150f | 2933796  | 62177704 | 1.427  | 20.594 # |
| 10)                         | B gamma-Chl...  | 5.962  | 5.003  | 7549595  | 12762983 | 3.468  | 3.959    |
| 11)                         | B alpha-Chl...  | 6.043  | 5.074  | 3560823  | 15065625 | 1.651  | 4.688 #  |
| 12)                         | B 4,4'-DDE      | 6.202f | 5.272  | 1527798  | 4808991  | 0.762  | 1.595 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.393  | 0        | 14628681 | N.D.   | 4.468 #  |
| 14)                         | MA Endrin       | 0.000  | 5.660  | 0        | 946133   | N.D.   | 0.337 #  |
| 15)                         | B Endosulfa...  | 6.858f | 5.962  | 426659   | 3070727  | 0.224  | 1.125 #  |
| 16)                         | A 4,4'-DDD      | 6.732  | 5.838f | 2159960  | 4283886  | 1.289  | 1.664 #  |
| 17)                         | MA 4,4'-DDT     | 7.030f | 6.056  | 604793   | 1140705  | 0.340  | 0.449 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.151  | 0        | 845239   | N.D.   | 0.412 #  |
| 19)                         | B Endosulfa...  | 7.189  | 6.377f | 1002767  | 3019086  | 0.529  | 1.126 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.665f | 0        | 9202287  | N.D.   | 6.293 #  |
| 21)                         | B Endrin ke...  | 7.694  | 0.000  | 2038527  | 0        | 0.985  | N.D. #   |
| 22)                         | Mirex           | 8.153  | 7.067f | 1014005  | 383743   | 0.620  | 0.159 #  |
| 23)                         | Chlordane-1     | 4.717f | 3.796  | 239011   | 3136686  | 3.209  | 32.583 # |
| 24)                         | Chlordane-2     | 5.286f | 4.388  | 211011   | 1510954  | 2.761  | 13.219 # |
| 25)                         | Chlordane-3     | 5.962  | 5.003  | 7549595  | 12762983 | 25.006 | 40.512 # |
| 26)                         | Chlordane-4     | 6.043f | 5.074  | 3560823  | 15065625 | 9.832  | 51.205 # |
| 27)                         | Chlordane-5     | 0.000  | 5.962  | 0        | 3070727  | N.D.   | 27.029 # |
| -----                       |                 |        |        |          |          |        |          |

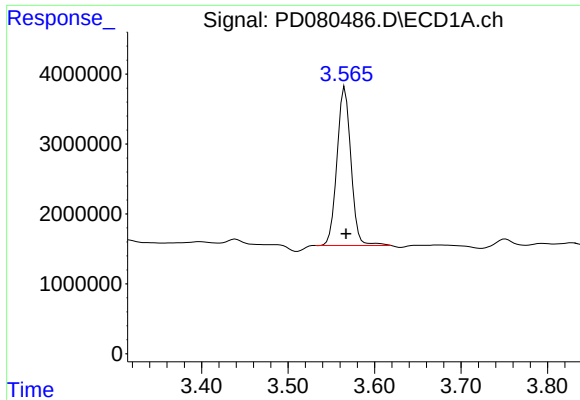
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122623\  
Data File : PD080486.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Dec 2023 23:17  
Operator : AR\AJ  
Sample : 05899-23  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 26 03:24:40 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120623.M  
Quant Title : GC Extractables  
QLast Update : Wed Dec 06 14:11:45 2023  
Response via : Initial Calibration  
Integrator: ChemStation

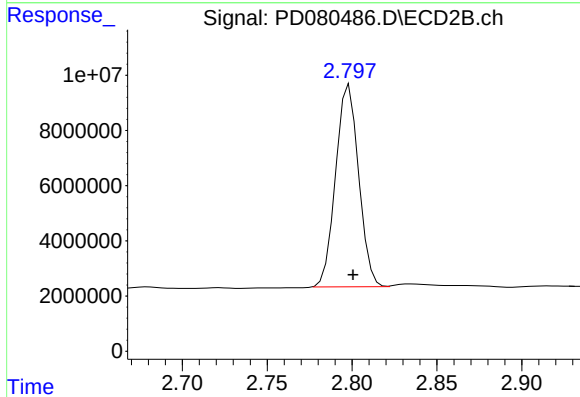
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





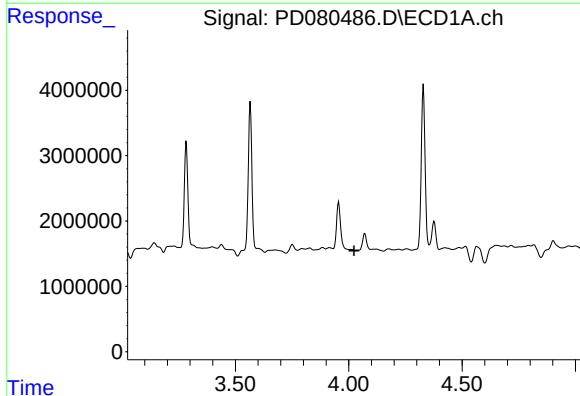
#1 Tetrachloro-m-xylene

R.T.: 3.566 min  
Delta R.T.: -0.001 min  
Response: 25281443  
Conc: 16.77 ng/ml



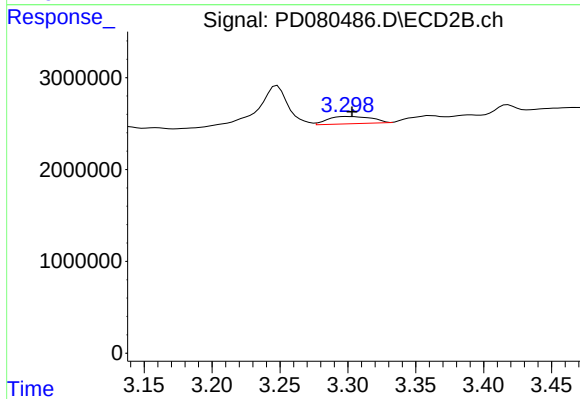
#1 Tetrachloro-m-xylene

R.T.: 2.798 min  
Delta R.T.: -0.002 min  
Response: 69008277  
Conc: 27.45 ng/ml



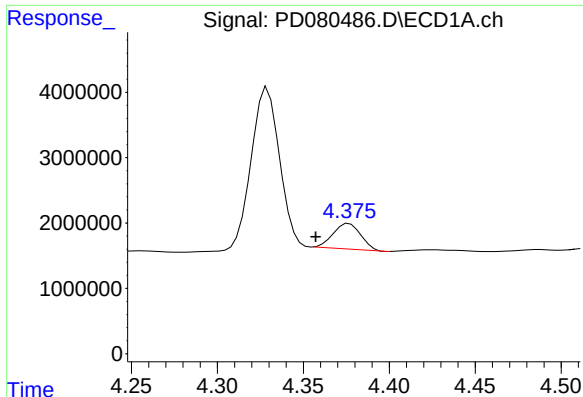
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T.: 4.024 min  
Response: 0  
Conc: N.D.



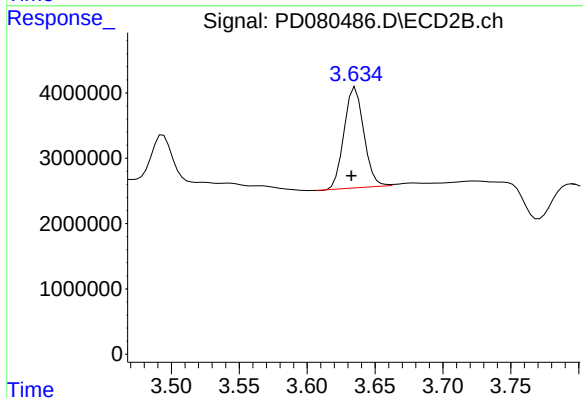
#2 alpha-BHC

R.T.: 3.300 min  
Delta R.T.: -0.003 min  
Response: 1759271  
Conc: 0.46 ng/ml



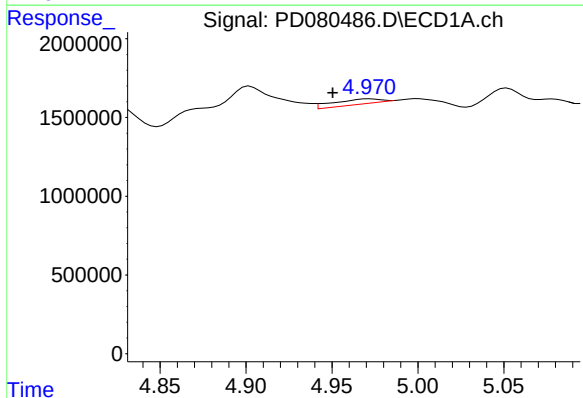
#3 gamma-BHC (Lindane)

R.T.: 4.377 min  
Delta R.T.: 0.019 min  
Response: 4381911  
Conc: 1.85 ng/ml



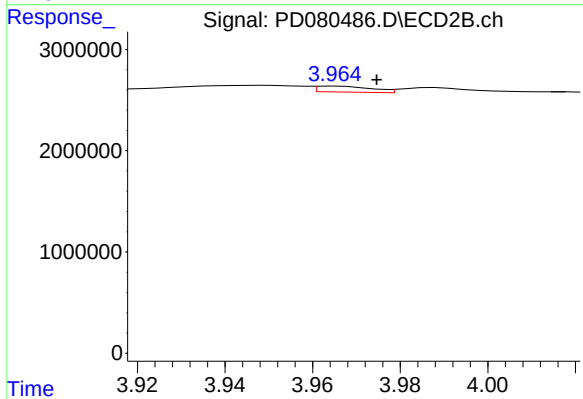
#3 gamma-BHC (Lindane)

R.T.: 3.636 min  
Delta R.T.: 0.003 min  
Response: 15586248  
Conc: 4.29 ng/ml



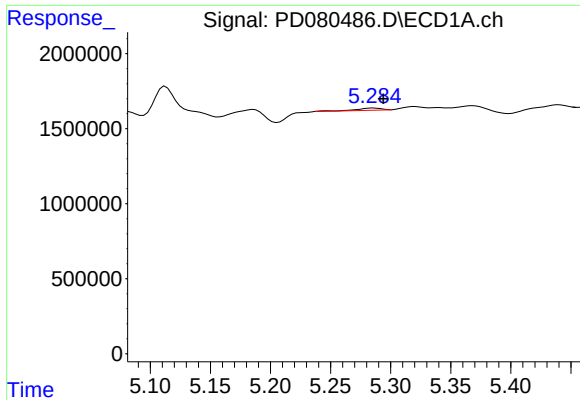
#4 Heptachlor

R.T.: 4.972 min  
Delta R.T.: 0.021 min  
Response: 636157  
Conc: 0.26 ng/ml



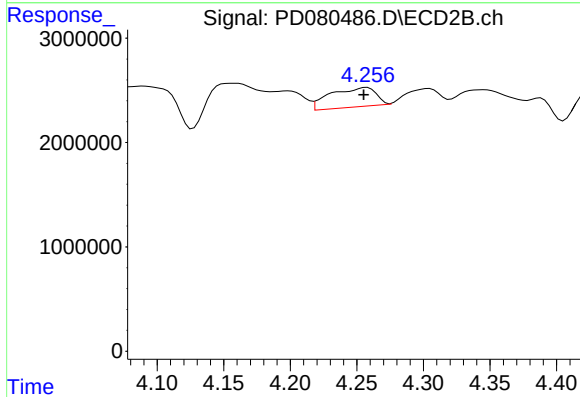
#4 Heptachlor

R.T.: 3.965 min  
Delta R.T.: -0.010 min  
Response: 522838  
Conc: 0.15 ng/ml



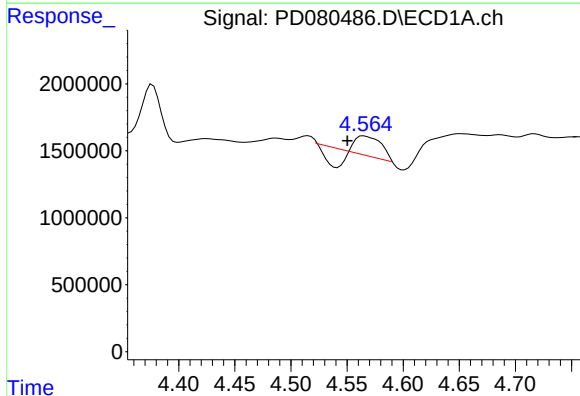
#5 Aldrin

R.T.: 5.286 min  
Delta R.T.: -0.008 min  
Response: 211011  
Conc: 0.09 ng/ml



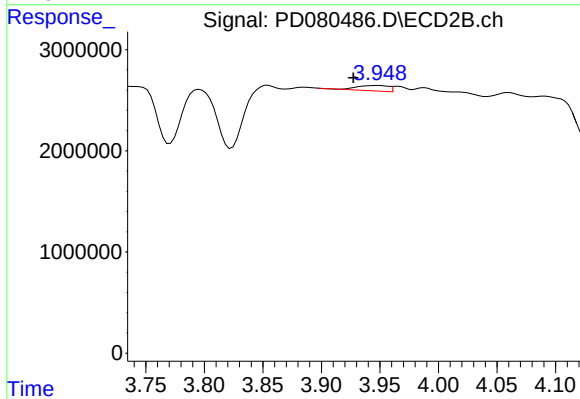
#5 Aldrin

R.T.: 4.257 min  
Delta R.T.: 0.002 min  
Response: 4445074  
Conc: 1.25 ng/ml



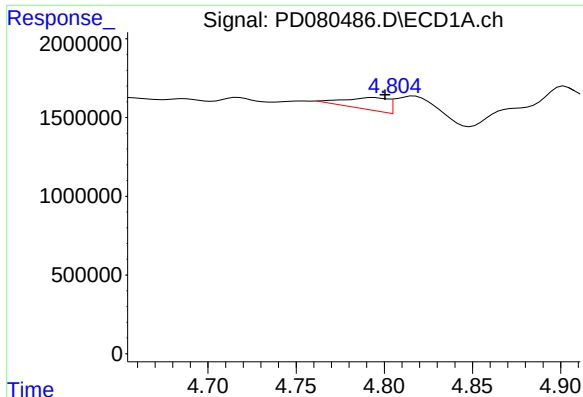
#6 beta-BHC

R.T.: 4.565 min  
Delta R.T.: 0.015 min  
Response: 956222  
Conc: 0.96 ng/ml



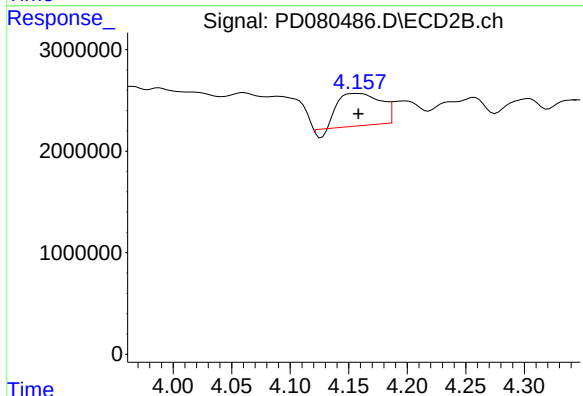
#6 beta-BHC

R.T.: 3.948 min  
Delta R.T.: 0.021 min  
Response: 1029667  
Conc: 0.67 ng/ml



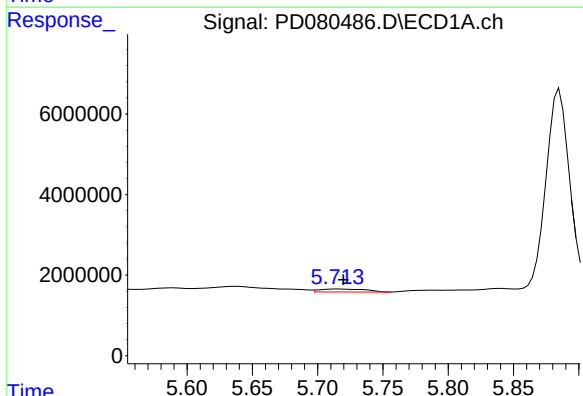
#7 delta-BHC

R.T.: 4.793 min  
Delta R.T.: -0.007 min  
Response: 1324439  
Conc: 0.54 ng/ml



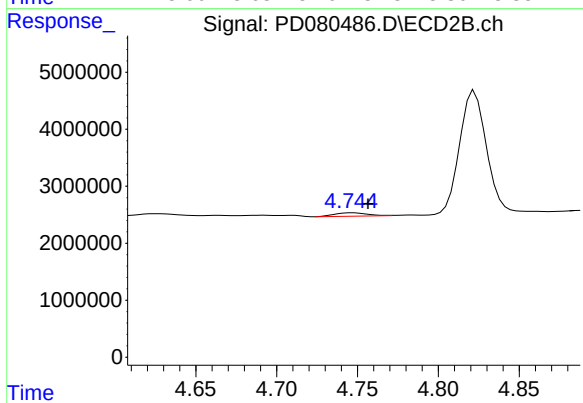
#7 delta-BHC

R.T.: 4.158 min  
Delta R.T.: 0.000 min  
Response: 7863190  
Conc: 2.09 ng/ml



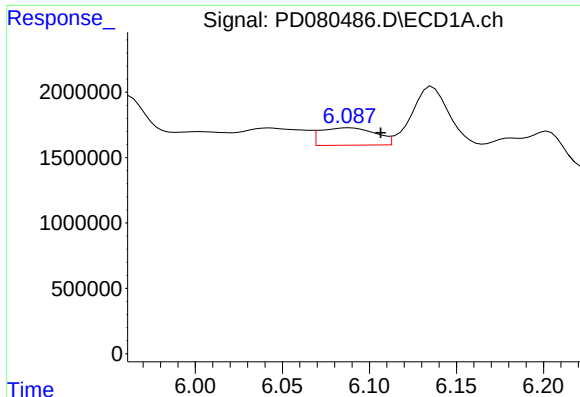
#8 Heptachlor epoxide

R.T.: 5.715 min  
Delta R.T.: -0.005 min  
Response: 1806496  
Conc: 0.82 ng/ml



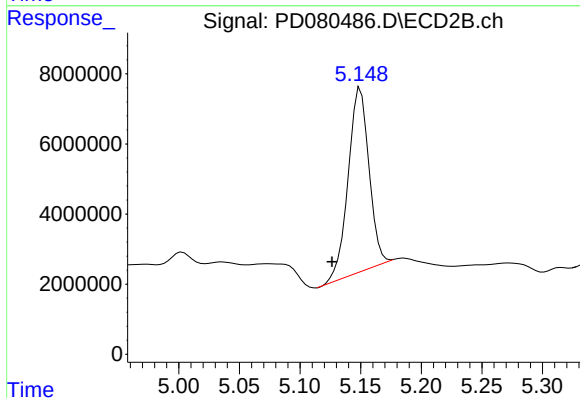
#8 Heptachlor epoxide

R.T.: 4.747 min  
Delta R.T.: -0.009 min  
Response: 836388  
Conc: 0.26 ng/ml



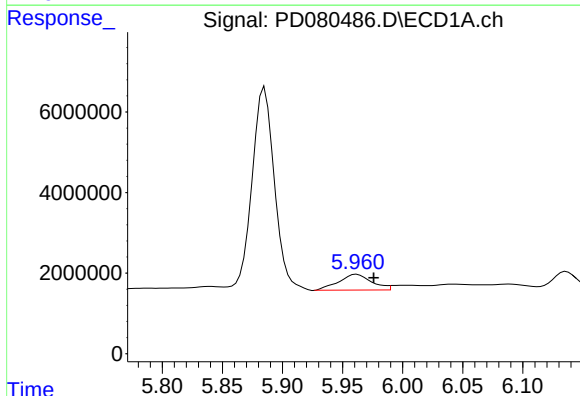
#9 Endosulfan I

R.T.: 6.088 min  
Delta R.T.: -0.018 min  
Response: 2933796  
Conc: 1.43 ng/ml



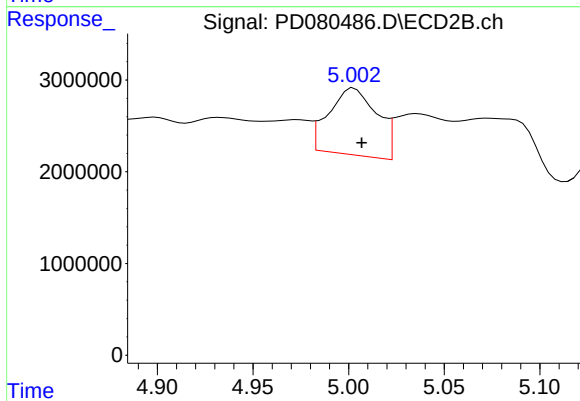
#9 Endosulfan I

R.T.: 5.150 min  
Delta R.T.: 0.023 min  
Response: 62177704  
Conc: 20.59 ng/ml



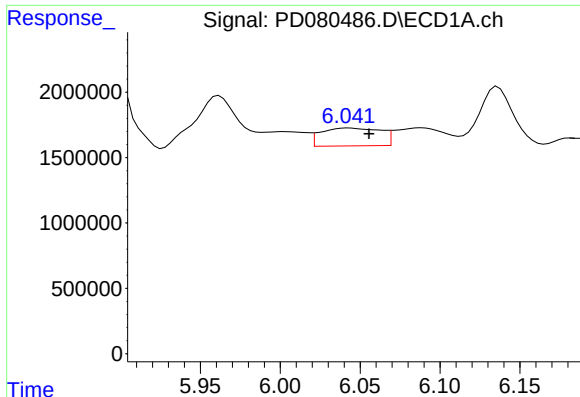
#10 gamma-Chlordane

R.T.: 5.962 min  
Delta R.T.: -0.014 min  
Response: 7549595  
Conc: 3.47 ng/ml



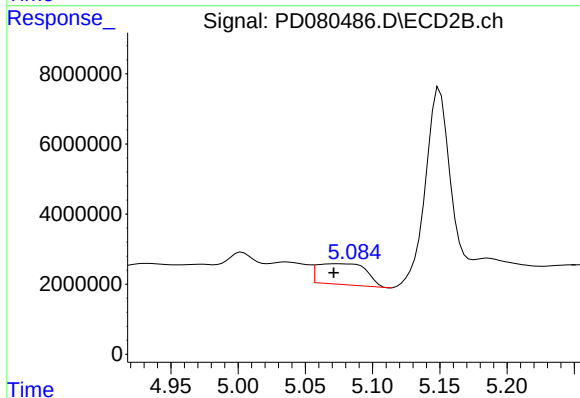
#10 gamma-Chlordane

R.T.: 5.003 min  
Delta R.T.: -0.004 min  
Response: 12762983  
Conc: 3.96 ng/ml



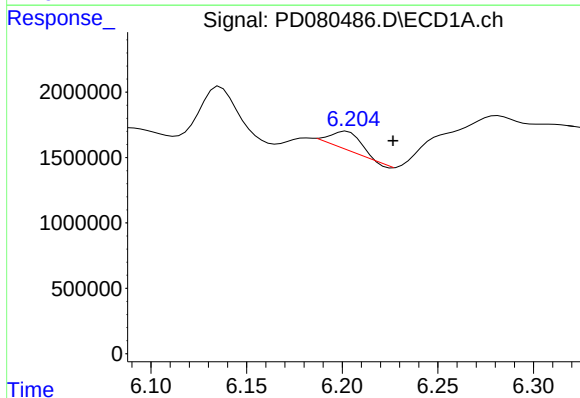
#11 alpha-Chlordane

R.T.: 6.043 min  
Delta R.T.: -0.013 min  
Response: 3560823  
Conc: 1.65 ng/ml



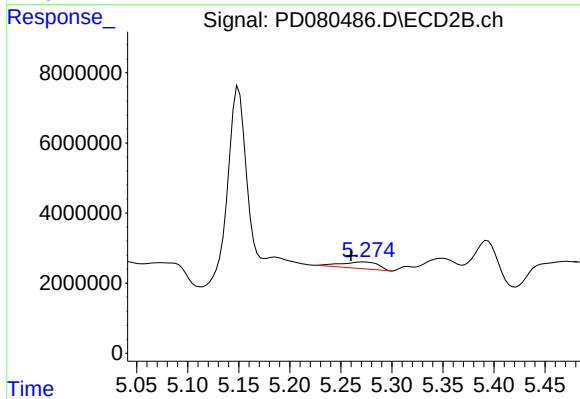
#11 alpha-Chlordane

R.T.: 5.074 min  
Delta R.T.: 0.002 min  
Response: 15065625  
Conc: 4.69 ng/ml



#12 4,4'-DDE

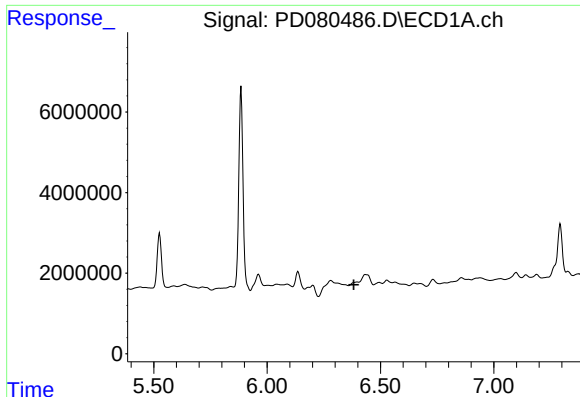
R.T.: 6.202 min  
Delta R.T.: -0.024 min  
Response: 1527798  
Conc: 0.76 ng/ml



#12 4,4'-DDE

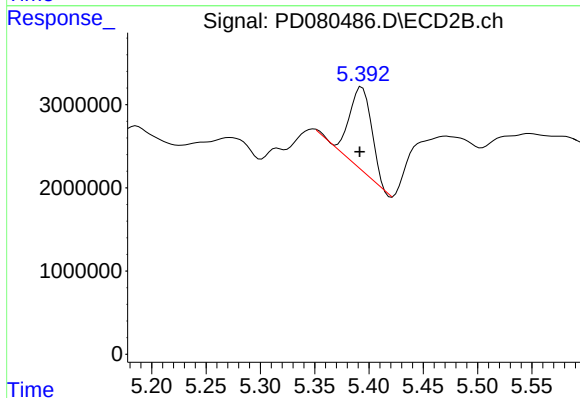
R.T.: 5.272 min  
Delta R.T.: 0.012 min  
Response: 4808991  
Conc: 1.60 ng/ml





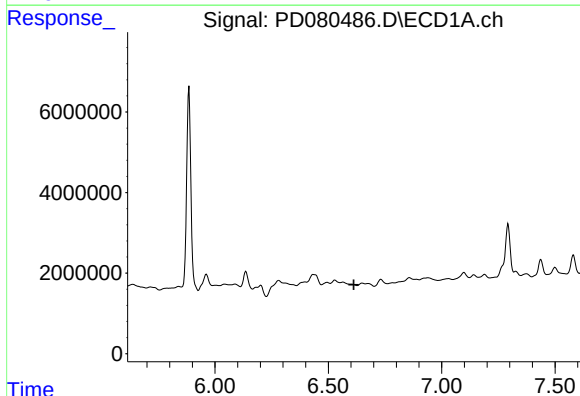
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.383 min  
Response: 0  
Conc: N.D.



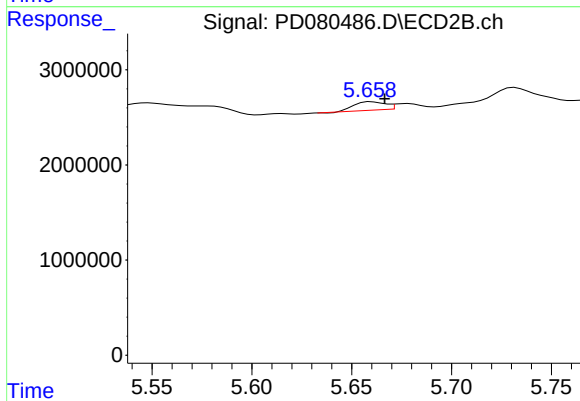
#13 Dieldrin

R.T.: 5.393 min  
Delta R.T.: 0.002 min  
Response: 14628681  
Conc: 4.47 ng/ml



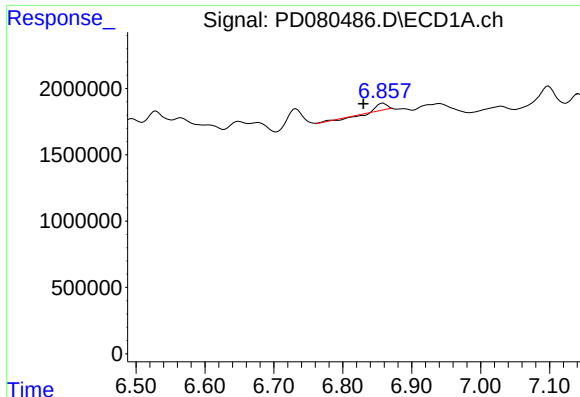
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.613 min  
Response: 0  
Conc: N.D.



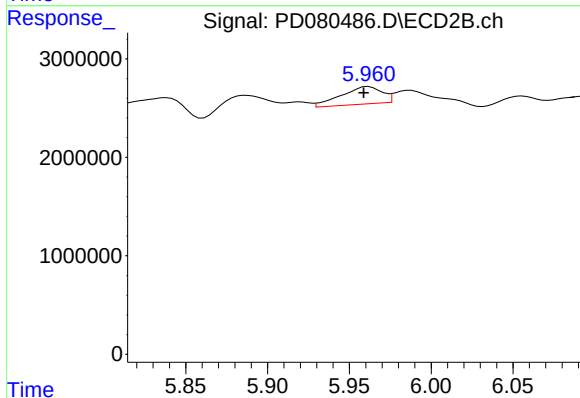
#14 Endrin

R.T.: 5.660 min  
Delta R.T.: -0.007 min  
Response: 946133  
Conc: 0.34 ng/ml



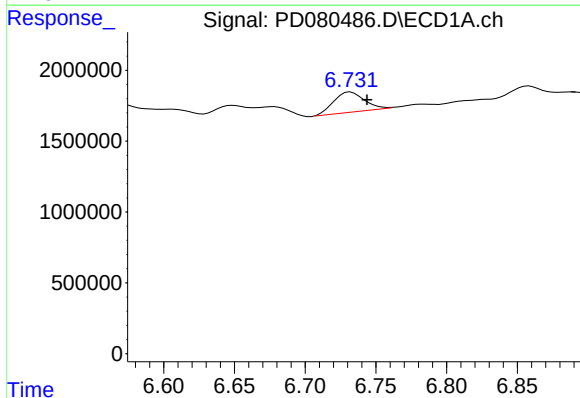
#15 Endosulfan II

R.T.: 6.858 min  
Delta R.T.: 0.028 min  
Response: 426659  
Conc: 0.22 ng/ml



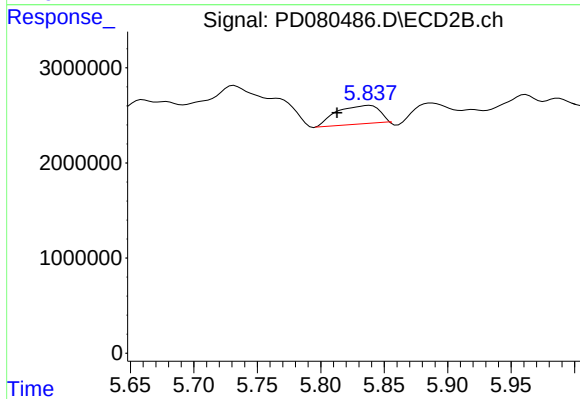
#15 Endosulfan II

R.T.: 5.962 min  
Delta R.T.: 0.003 min  
Response: 3070727  
Conc: 1.13 ng/ml



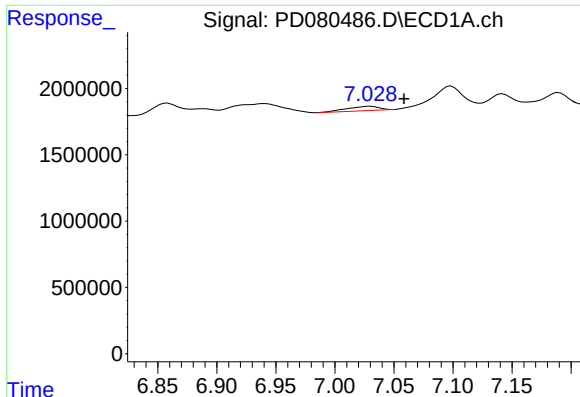
#16 4,4'-DDD

R.T.: 6.732 min  
Delta R.T.: -0.012 min  
Response: 2159960  
Conc: 1.29 ng/ml



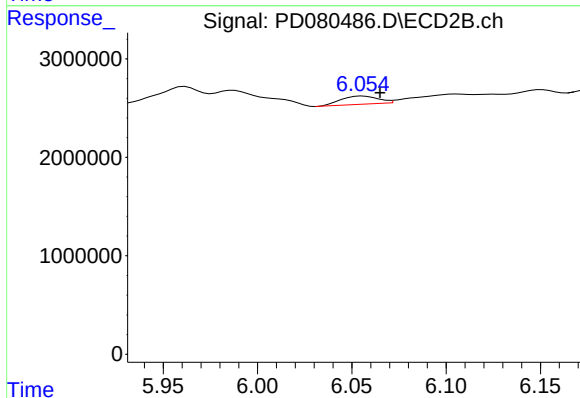
#16 4,4'-DDD

R.T.: 5.838 min  
Delta R.T.: 0.025 min  
Response: 4283886  
Conc: 1.66 ng/ml



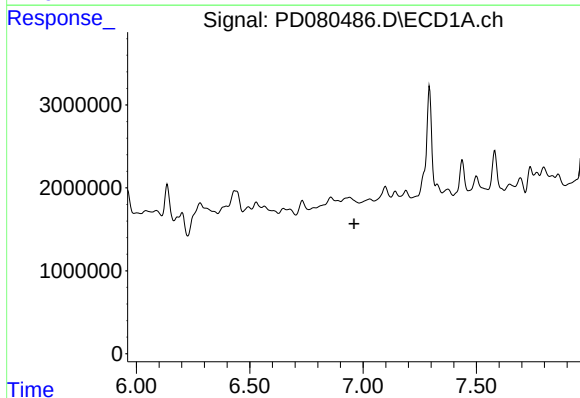
#17 4,4'-DDT

R.T.: 7.030 min  
Delta R.T.: -0.029 min  
Response: 604793  
Conc: 0.34 ng/ml



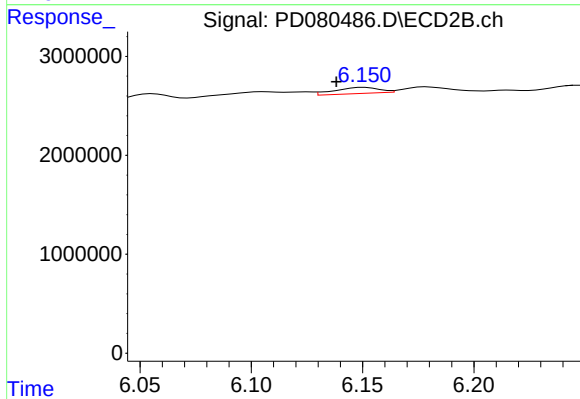
#17 4,4'-DDT

R.T.: 6.056 min  
Delta R.T.: -0.009 min  
Response: 1140705  
Conc: 0.45 ng/ml



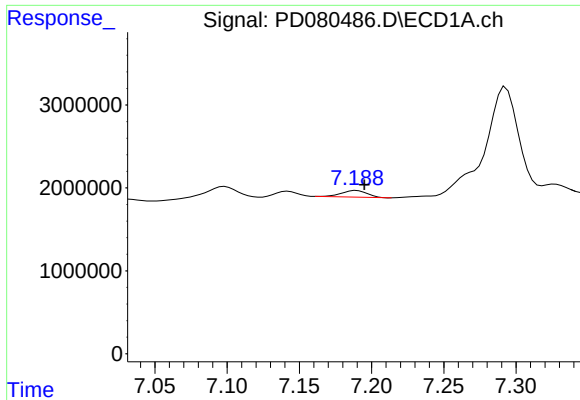
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.960 min  
Response: 0  
Conc: N.D.



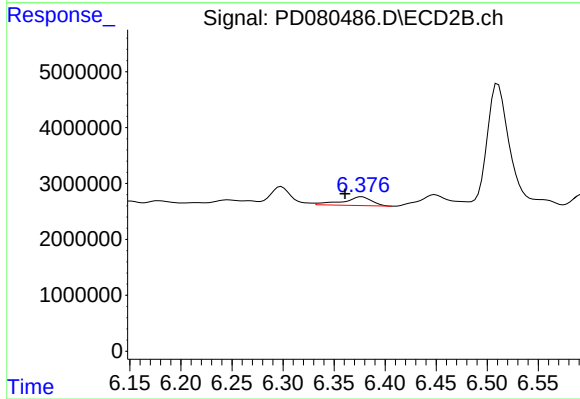
#18 Endrin aldehyde

R.T.: 6.151 min  
Delta R.T.: 0.013 min  
Response: 845239  
Conc: 0.41 ng/ml



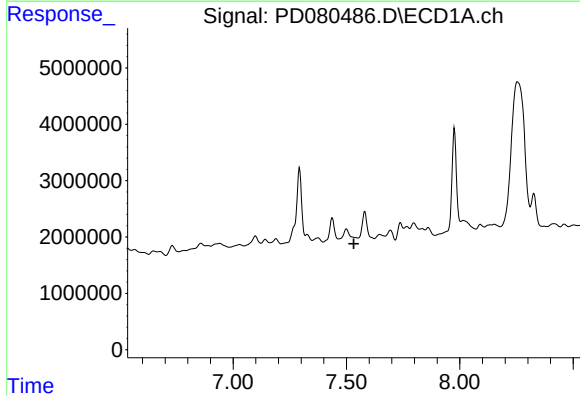
#19 Endosulfan Sulfate

R.T.: 7.189 min  
Delta R.T.: -0.006 min  
Response: 1002767  
Conc: 0.53 ng/ml



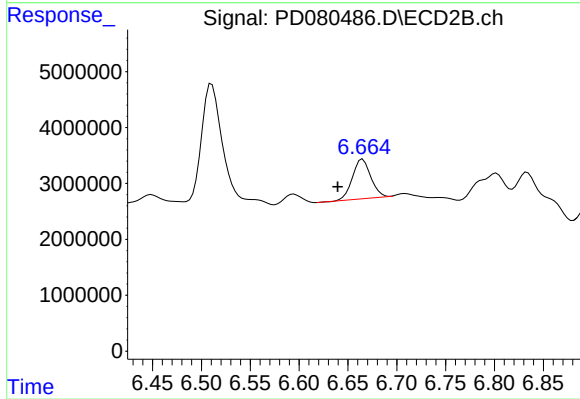
#19 Endosulfan Sulfate

R.T.: 6.377 min  
Delta R.T.: 0.017 min  
Response: 3019086  
Conc: 1.13 ng/ml



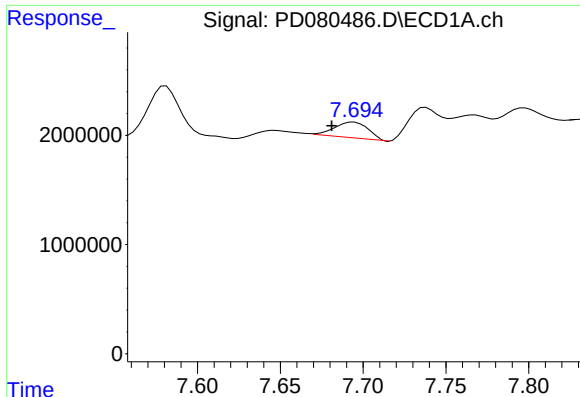
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.533 min  
Response: 0  
Conc: N.D.



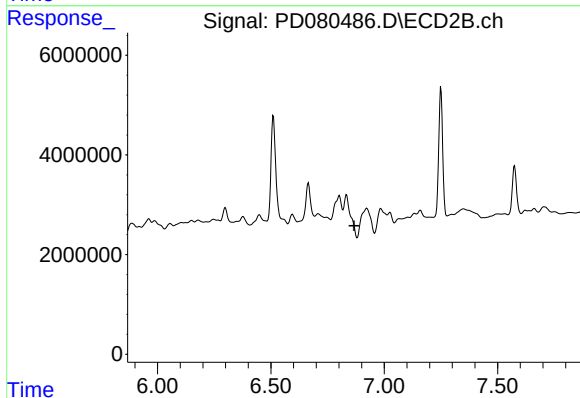
#20 Methoxychlor

R.T.: 6.665 min  
Delta R.T.: 0.026 min  
Response: 9202287  
Conc: 6.29 ng/ml



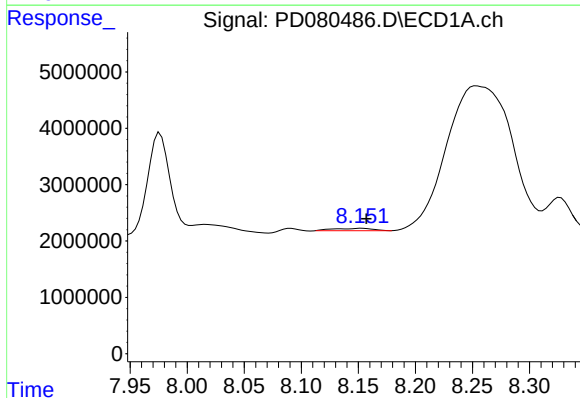
#21 Endrin ketone

R.T.: 7.694 min  
Delta R.T.: 0.013 min  
Response: 2038527  
Conc: 0.98 ng/ml



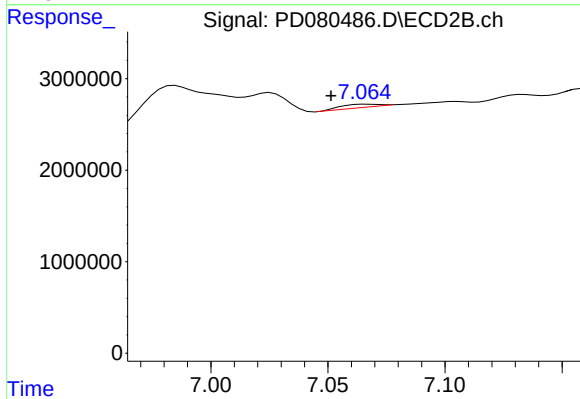
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 6.867 min  
Response: 0  
Conc: N.D.



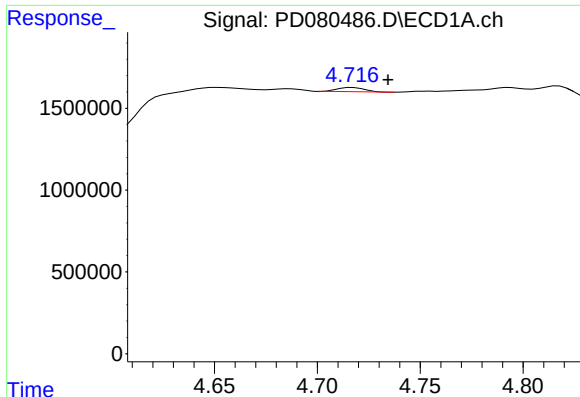
#22 Mirex

R.T.: 8.153 min  
Delta R.T.: -0.005 min  
Response: 1014005  
Conc: 0.62 ng/ml



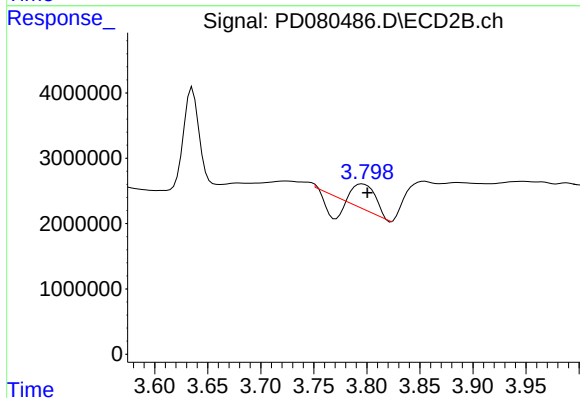
#22 Mirex

R.T.: 7.067 min  
Delta R.T.: 0.016 min  
Response: 383743  
Conc: 0.16 ng/ml



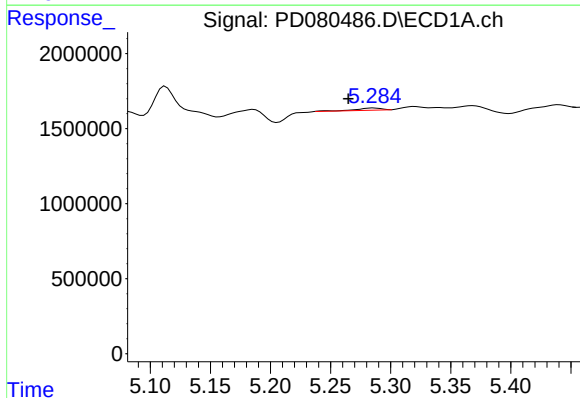
#23 Chlordane-1

R.T.: 4.717 min  
Delta R.T.: -0.017 min  
Response: 239011  
Conc: 3.21 ng/ml



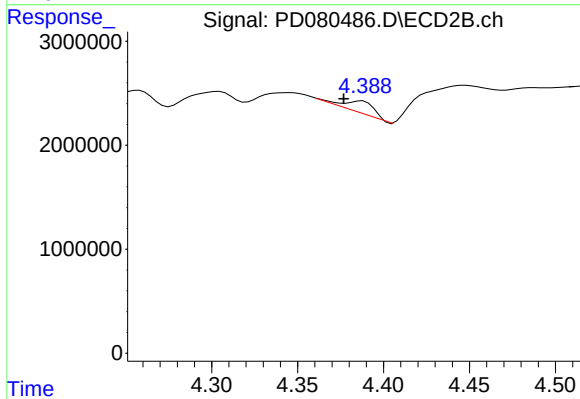
#23 Chlordane-1

R.T.: 3.796 min  
Delta R.T.: -0.005 min  
Response: 3136686  
Conc: 32.58 ng/ml



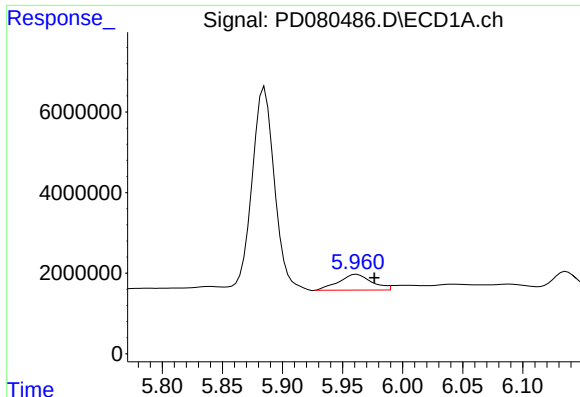
#24 Chlordane-2

R.T.: 5.286 min  
Delta R.T.: 0.021 min  
Response: 211011  
Conc: 2.76 ng/ml



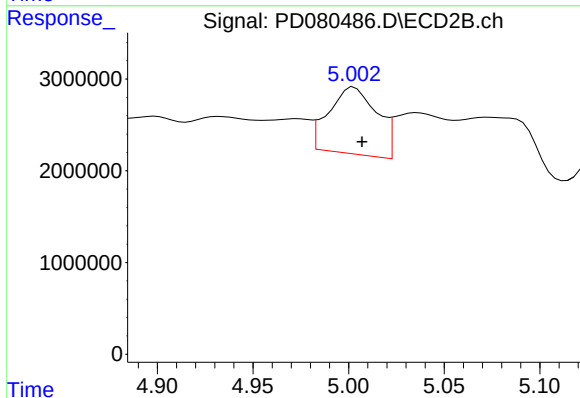
#24 Chlordane-2

R.T.: 4.388 min  
Delta R.T.: 0.011 min  
Response: 1510954  
Conc: 13.22 ng/ml



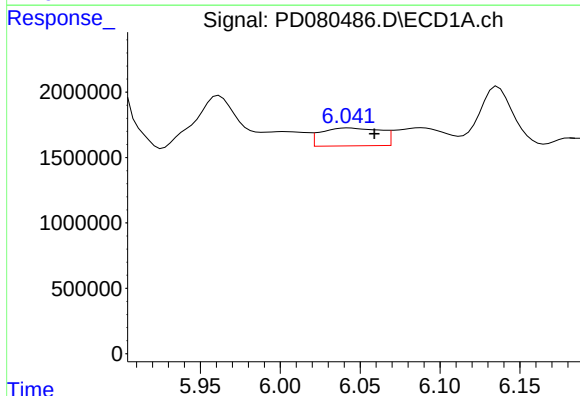
#25 Chlordane-3

R.T.: 5.962 min  
Delta R.T.: -0.015 min  
Response: 7549595  
Conc: 25.01 ng/ml



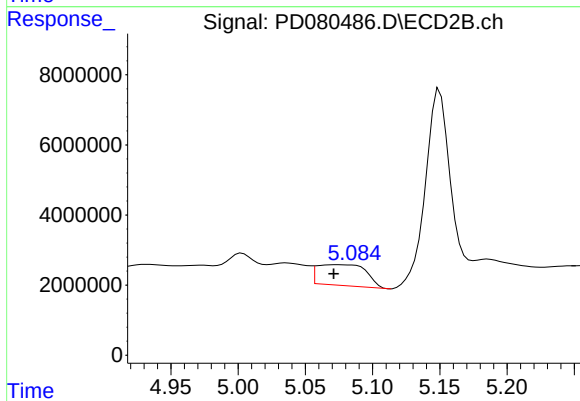
#25 Chlordane-3

R.T.: 5.003 min  
Delta R.T.: -0.004 min  
Response: 12762983  
Conc: 40.51 ng/ml



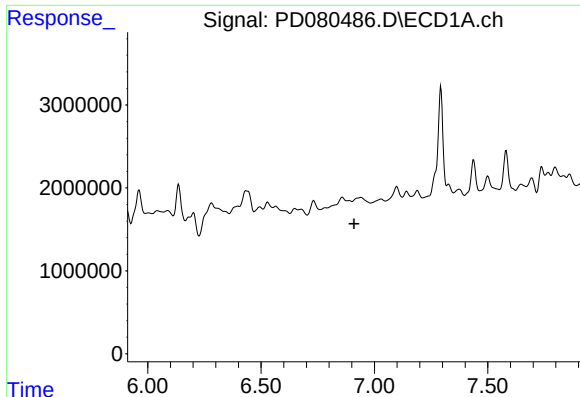
#26 Chlordane-4

R.T.: 6.043 min  
Delta R.T.: -0.016 min  
Response: 3560823  
Conc: 9.83 ng/ml



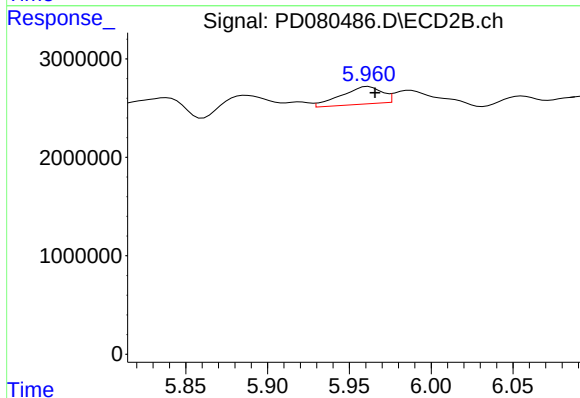
#26 Chlordane-4

R.T.: 5.074 min  
Delta R.T.: 0.003 min  
Response: 15065625  
Conc: 51.21 ng/ml



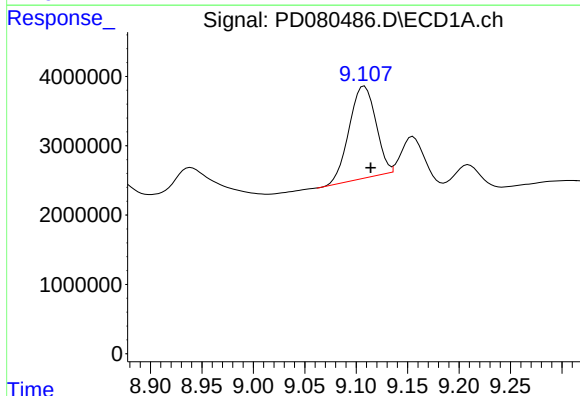
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.910 min  
Response: 0  
Conc: N.D.



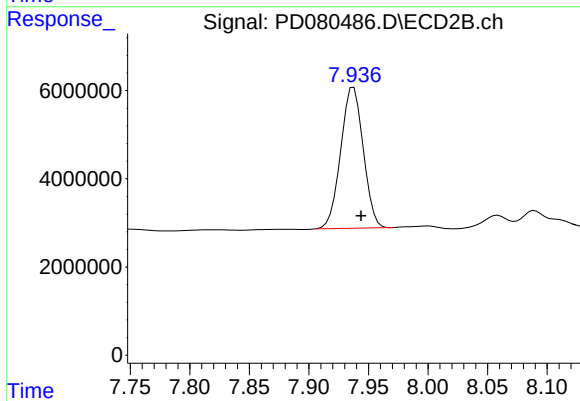
#27 Chlordane-5

R.T.: 5.962 min  
Delta R.T.: -0.004 min  
Response: 3070727  
Conc: 27.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.108 min  
Delta R.T.: -0.006 min  
Response: 23929510  
Conc: 11.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.938 min  
Delta R.T.: -0.006 min  
Response: 42026885  
Conc: 14.91 ng/ml