

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122623\  
 Data File : PD080482.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Dec 2023 22:24  
 Operator : AR\AJ  
 Sample : 05899-21  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 25 23:30:03 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

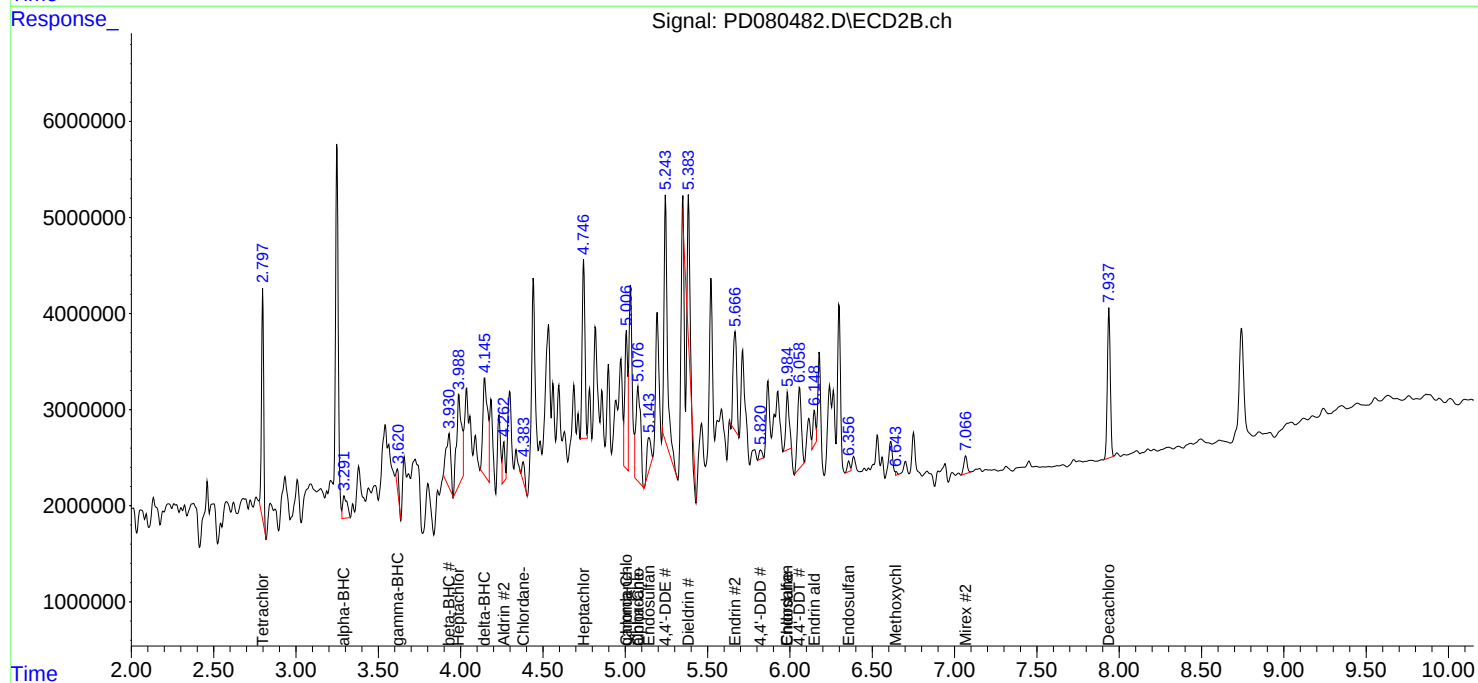
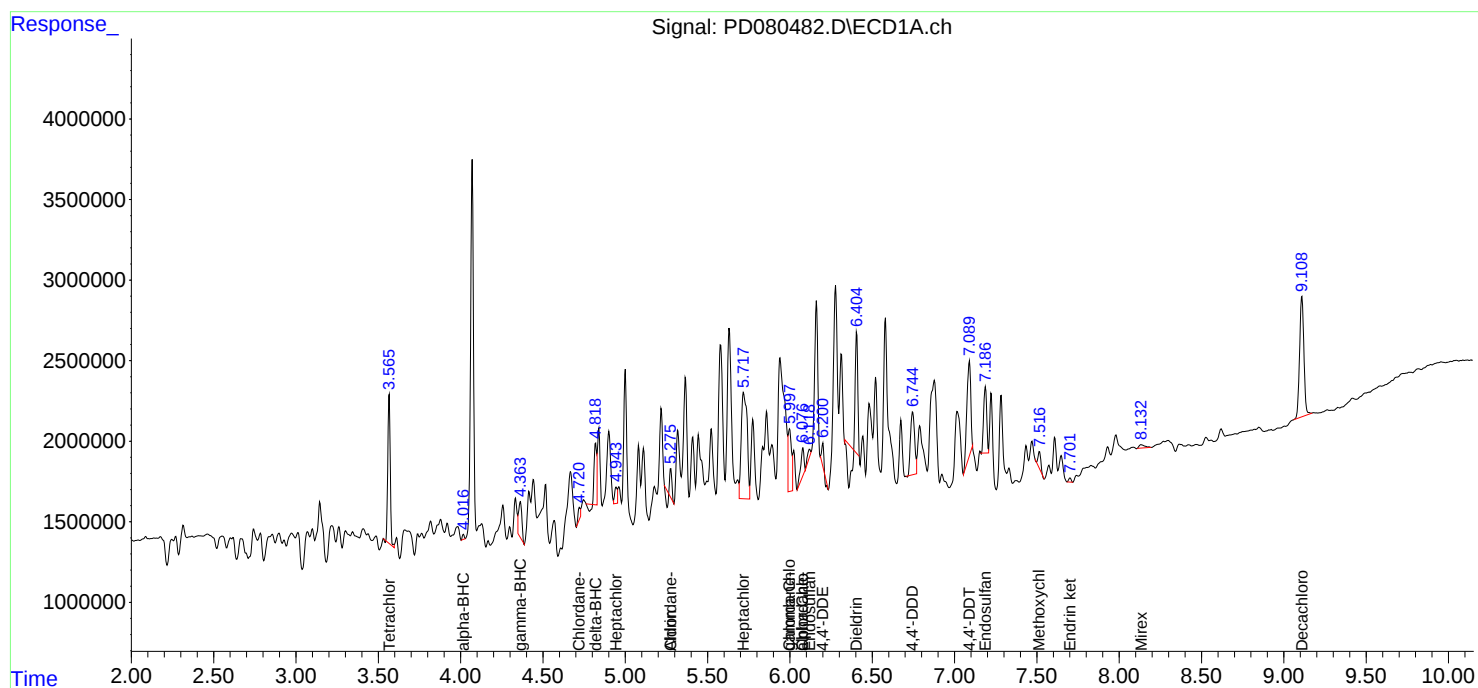
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.566  | 2.799  | 9669219  | 22195465 | 6.415  | 8.829 #  |
| 28)                         | SA Decachlor... | 9.110  | 7.938  | 13528884 | 19505926 | 6.684  | 6.920    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.017  | 3.293  | 247882   | 4436736  | 0.099  | 1.160 #  |
| 3)                          | MA gamma-BHC... | 4.363  | 3.616f | 3083441  | 2382733  | 1.301  | 0.656 #  |
| 4)                          | MA Heptachlor   | 4.945  | 3.990  | 1076353  | 19562443 | 0.438  | 5.579 #  |
| 5)                          | MB Aldrin       | 5.276f | 4.263  | 1005710  | 4229036  | 0.424  | 1.188 #  |
| 6)                          | B beta-BHC      | 4.569f | 3.931  | -588320  | 10956389 | N.D.   | 7.097    |
| 7)                          | B delta-BHC     | 4.820f | 4.146  | 3377697  | 20556740 | 1.379  | 5.459 #  |
| 8)                          | B Heptachlo...  | 5.718  | 4.747  | 16473651 | 22029997 | 7.478  | 6.718    |
| 9)                          | A Endosulfan I  | 6.120  | 5.144f | 624303   | 5267767  | 0.304  | 1.745 #  |
| 10)                         | B gamma-Chl...  | 5.999f | 5.007  | 5401790  | 17170782 | 2.481  | 5.327 #  |
| 11)                         | B alpha-Chl...  | 6.079f | 5.077  | 2366404  | 19907084 | 1.097  | 6.194 #  |
| 12)                         | B 4,4'-DDE      | 6.200f | 5.245f | 965266   | 36025128 | 0.481  | 11.952 # |
| 13)                         | MA Dieldrin     | 6.406f | 5.384  | 3639991  | 5054872  | 1.668  | 1.544    |
| 14)                         | MA Endrin       | 0.000  | 5.668  | 0        | 15476959 | N.D.   | 5.508 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.985f | 0        | 7815782  | N.D.   | 2.864 #  |
| 16)                         | A 4,4'-DDD      | 6.746  | 5.822  | 6770448  | 1183352  | 4.041  | 0.460 #  |
| 17)                         | MA 4,4'-DDT     | 7.090f | 6.059  | 9848414  | 13638278 | 5.536  | 5.368    |
| 18)                         | B Endrin al...  | 0.000  | 6.149  | 0        | 4009009  | N.D.   | 1.953 #  |
| 19)                         | B Endosulfa...  | 7.188  | 6.358  | 5384527  | 1200741  | 2.840  | 0.448 #  |
| 20)                         | A Methoxychlor  | 7.516f | 6.644  | 1258712  | 277000   | 1.273  | 0.189 #  |
| 21)                         | B Endrin ke...  | 7.702f | 0.000  | 266401   | 0        | 0.129  | N.D. #   |
| 22)                         | Mirex           | 8.133f | 7.068f | 493386   | 2611048  | 0.302  | 1.079 #  |
| 24)                         | Chlordane-2     | 5.276  | 4.380  | 1005710  | 2495492  | 13.157 | 21.833 # |
| 25)                         | Chlordane-3     | 5.999f | 5.007  | 5401790  | 17170782 | 17.892 | 54.502 # |
| 26)                         | Chlordane-4     | 6.079f | 5.077  | 2366404  | 19907084 | 6.534  | 67.661 # |
| 27)                         | Chlordane-5     | 0.000  | 5.985f | 0        | 7815782  | N.D.   | 68.796 # |
| -----                       |                 |        |        |          |          |        |          |

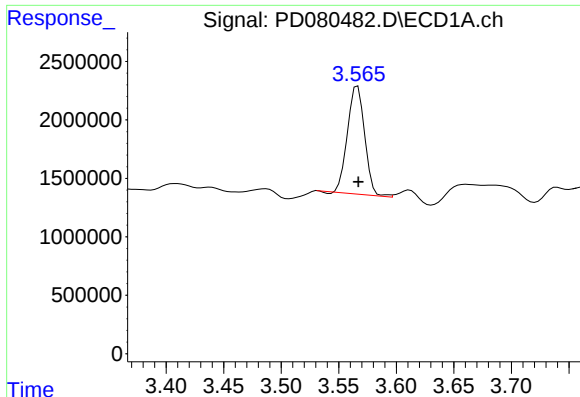
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122623\  
Data File : PD080482.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Dec 2023 22:24  
Operator : AR\AJ  
Sample : 05899-21  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 25 23:30:03 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

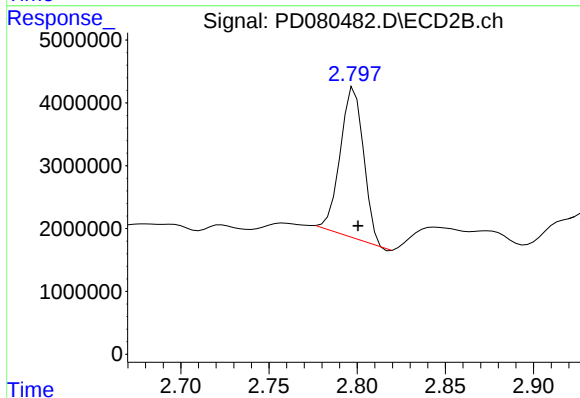
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





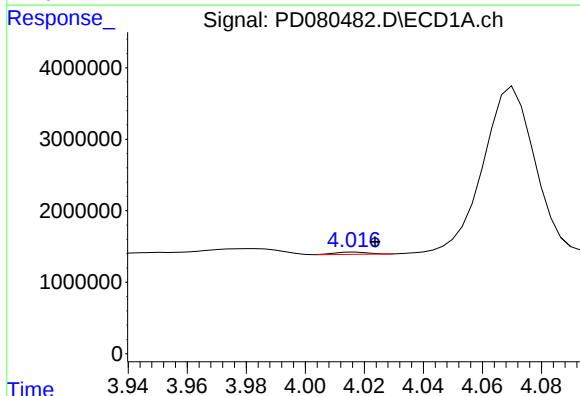
#1 Tetrachloro-m-xylene

R.T.: 3.566 min  
Delta R.T.: 0.000 min  
Response: 9669219  
Conc: 6.42 ng/ml



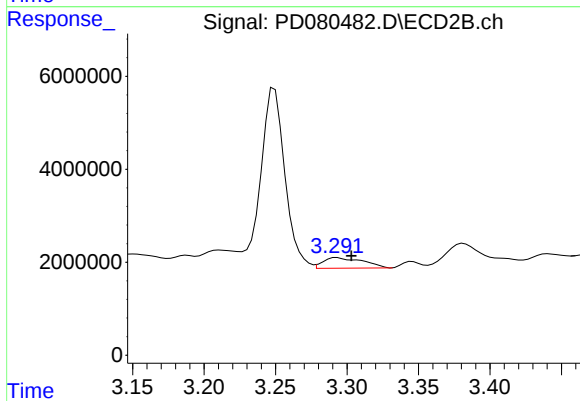
#1 Tetrachloro-m-xylene

R.T.: 2.799 min  
Delta R.T.: -0.002 min  
Response: 22195465  
Conc: 8.83 ng/ml



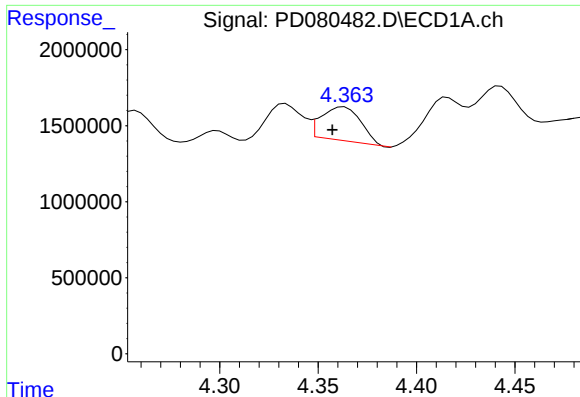
#2 alpha-BHC

R.T.: 4.017 min  
Delta R.T.: -0.007 min  
Response: 247882  
Conc: 0.10 ng/ml



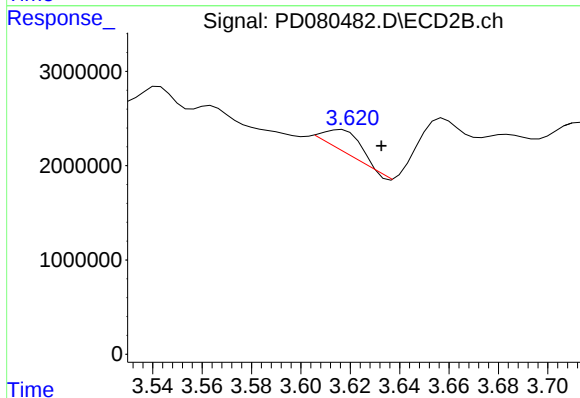
#2 alpha-BHC

R.T.: 3.293 min  
Delta R.T.: -0.010 min  
Response: 4436736  
Conc: 1.16 ng/ml



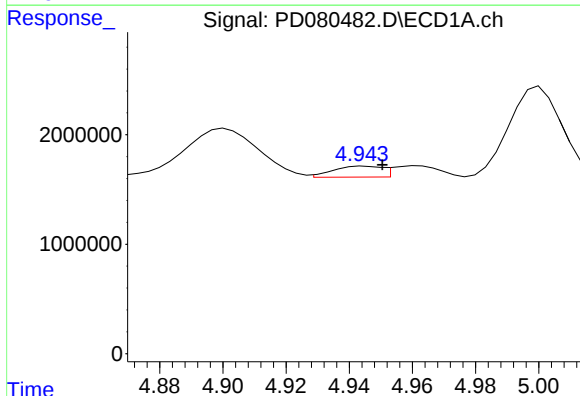
#3 gamma-BHC (Lindane)

R.T.: 4.363 min  
Delta R.T.: 0.006 min  
Response: 3083441  
Conc: 1.30 ng/ml



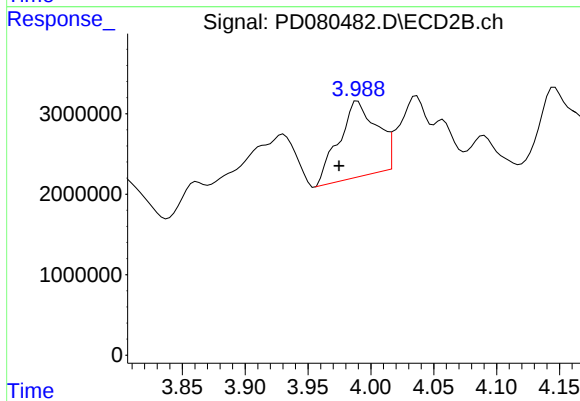
#3 gamma-BHC (Lindane)

R.T.: 3.616 min  
Delta R.T.: -0.016 min  
Response: 2382733  
Conc: 0.66 ng/ml



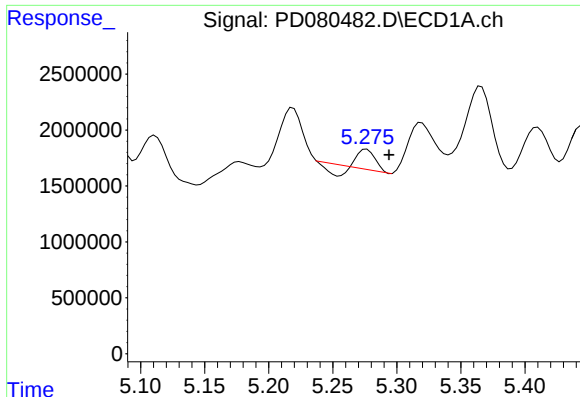
#4 Heptachlor

R.T.: 4.945 min  
Delta R.T.: -0.006 min  
Response: 1076353  
Conc: 0.44 ng/ml



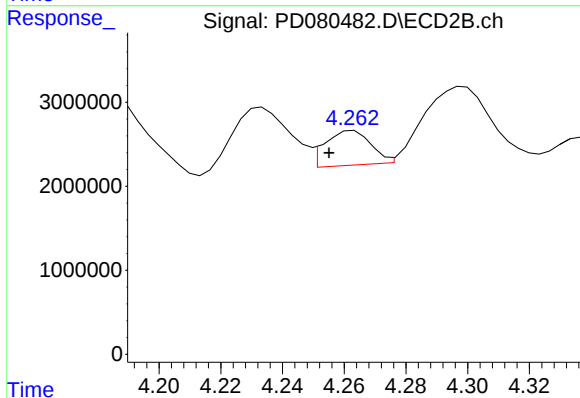
#4 Heptachlor

R.T.: 3.990 min  
Delta R.T.: 0.015 min  
Response: 19562443  
Conc: 5.58 ng/ml



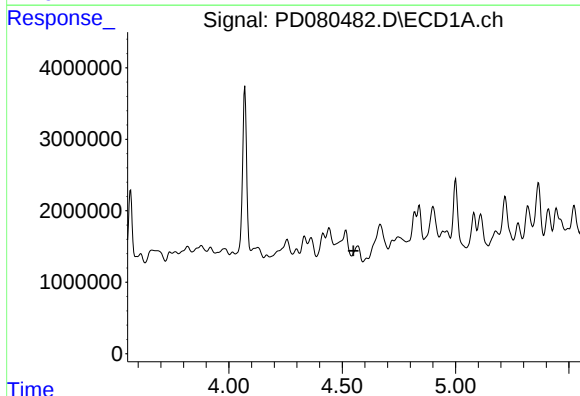
#5 Aldrin

R.T.: 5.276 min  
Delta R.T.: -0.017 min  
Response: 1005710  
Conc: 0.42 ng/ml



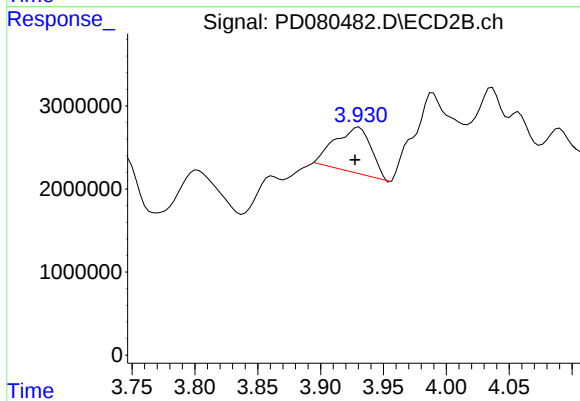
#5 Aldrin

R.T.: 4.263 min  
Delta R.T.: 0.008 min  
Response: 4229036  
Conc: 1.19 ng/ml



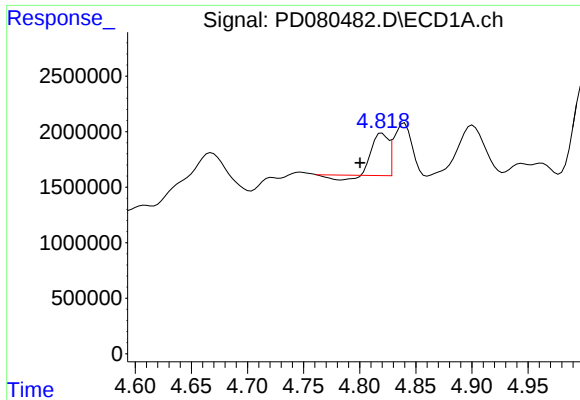
#6 beta-BHC

R.T.: 4.569 min  
Delta R.T.: 0.019 min  
Response: -588320  
Conc: N.D.



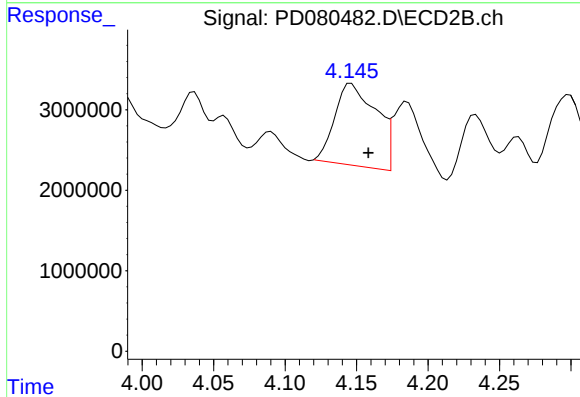
#6 beta-BHC

R.T.: 3.931 min  
Delta R.T.: 0.003 min  
Response: 10956389  
Conc: 7.10 ng/ml



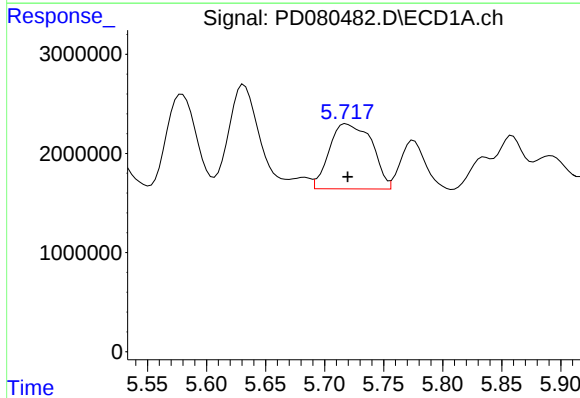
#7 delta-BHC

R.T.: 4.820 min  
Delta R.T.: 0.020 min  
Response: 3377697  
Conc: 1.38 ng/ml



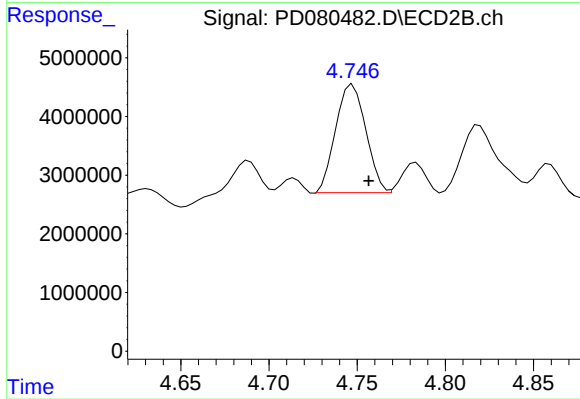
#7 delta-BHC

R.T.: 4.146 min  
Delta R.T.: -0.012 min  
Response: 20556740  
Conc: 5.46 ng/ml



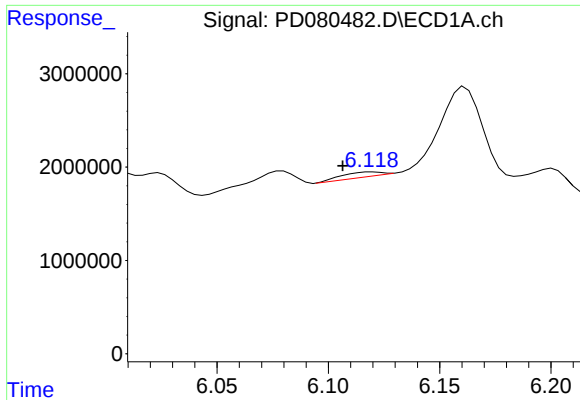
#8 Heptachlor epoxide

R.T.: 5.718 min  
Delta R.T.: -0.001 min  
Response: 16473651  
Conc: 7.48 ng/ml



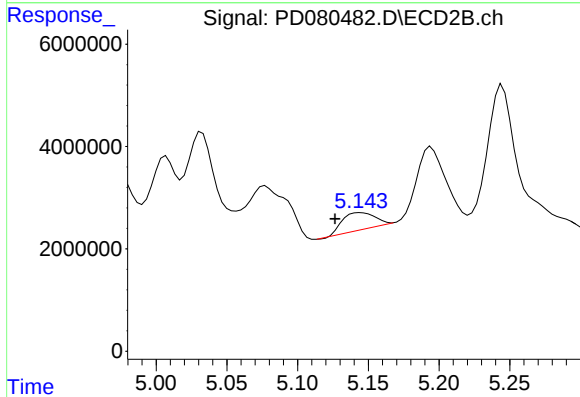
#8 Heptachlor epoxide

R.T.: 4.747 min  
Delta R.T.: -0.009 min  
Response: 22029997  
Conc: 6.72 ng/ml



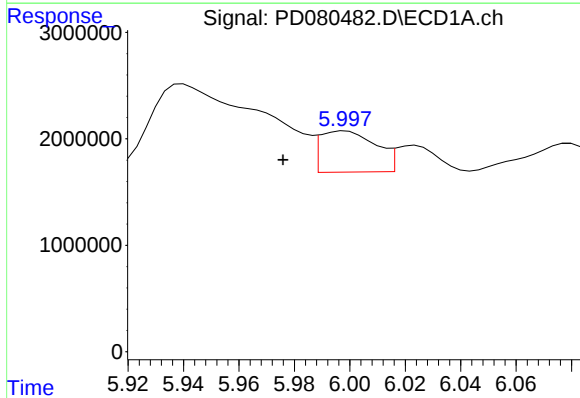
#9 Endosulfan I

R.T.: 6.120 min  
Delta R.T.: 0.013 min  
Response: 624303  
Conc: 0.30 ng/ml



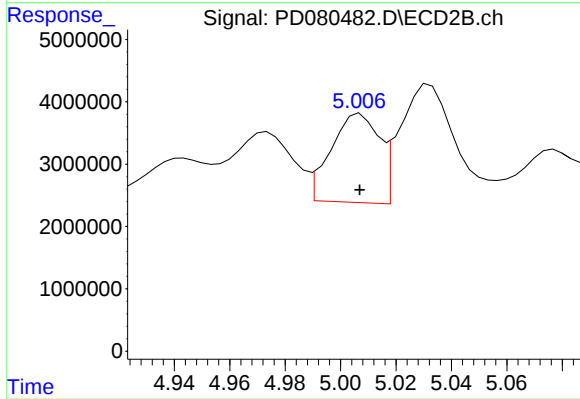
#9 Endosulfan I

R.T.: 5.144 min  
Delta R.T.: 0.018 min  
Response: 5267767  
Conc: 1.74 ng/ml



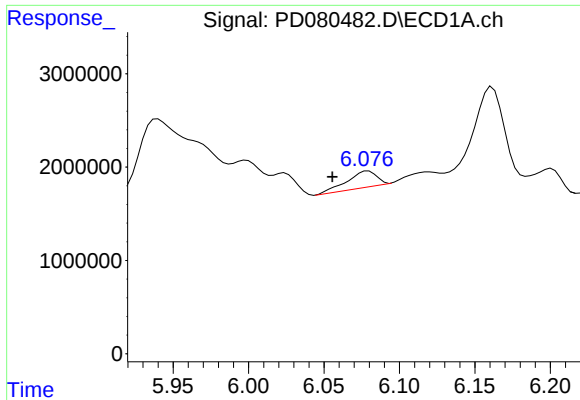
#10 gamma-Chlordane

R.T.: 5.999 min  
Delta R.T.: 0.023 min  
Response: 5401790  
Conc: 2.48 ng/ml



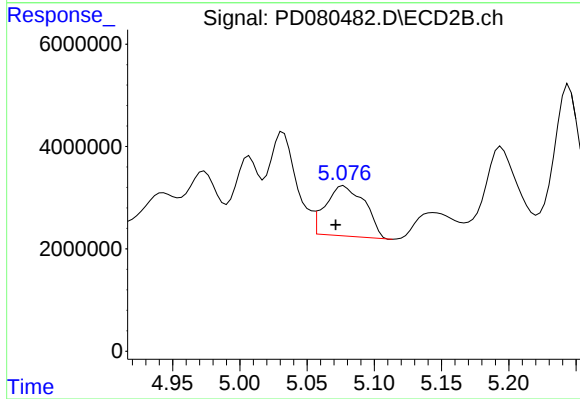
#10 gamma-Chlordane

R.T.: 5.007 min  
Delta R.T.: 0.000 min  
Response: 17170782  
Conc: 5.33 ng/ml



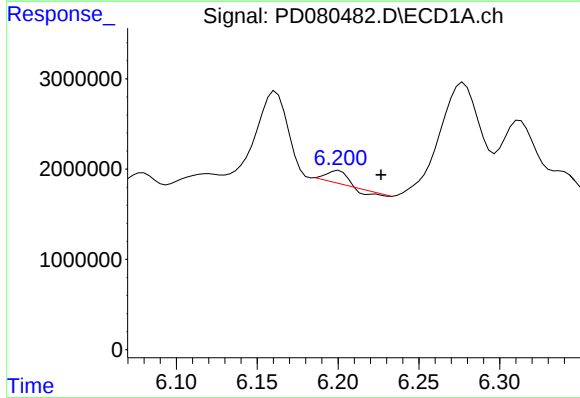
#11 alpha-Chlordane

R.T.: 6.079 min  
Delta R.T.: 0.024 min  
Response: 2366404  
Conc: 1.10 ng/ml



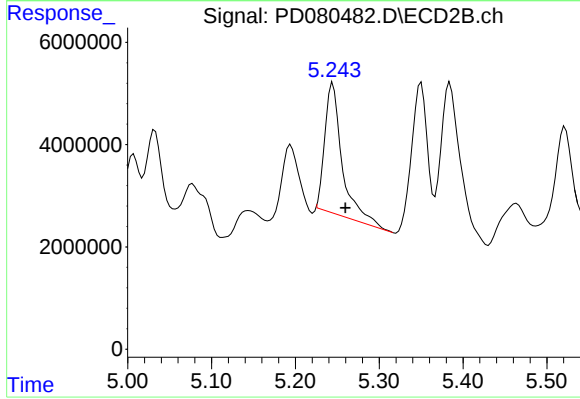
#11 alpha-Chlordane

R.T.: 5.077 min  
Delta R.T.: 0.006 min  
Response: 19907084  
Conc: 6.19 ng/ml



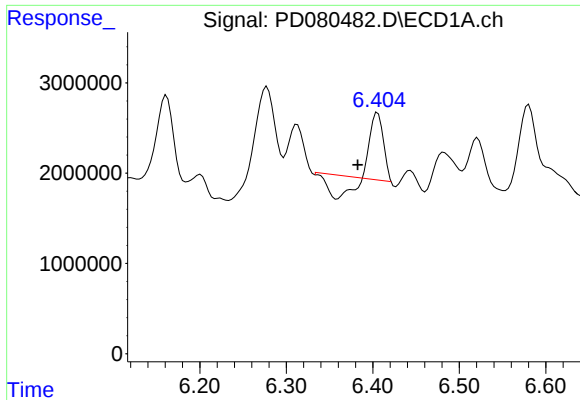
#12 4,4'-DDE

R.T.: 6.200 min  
Delta R.T.: -0.026 min  
Response: 965266  
Conc: 0.48 ng/ml



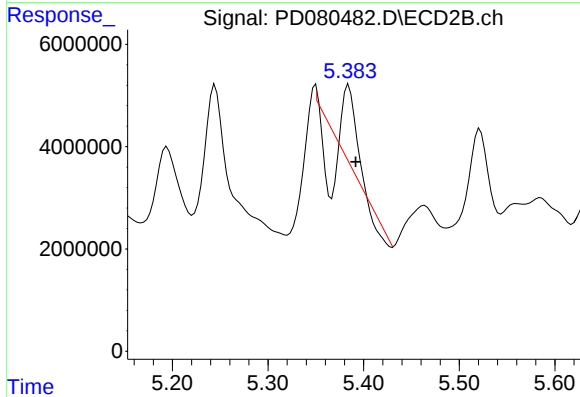
#12 4,4'-DDE

R.T.: 5.245 min  
Delta R.T.: -0.015 min  
Response: 36025128  
Conc: 11.95 ng/ml



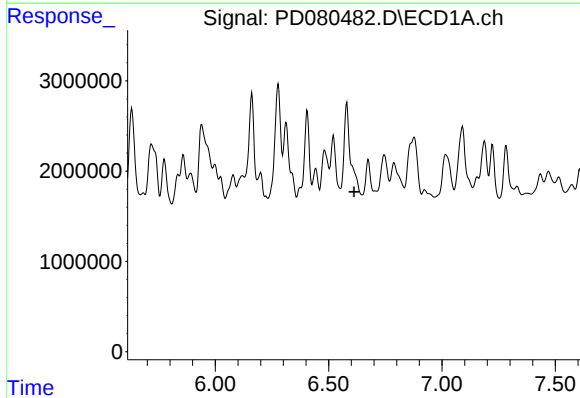
#13 Dieldrin

R.T.: 6.406 min  
Delta R.T.: 0.023 min  
Response: 3639991  
Conc: 1.67 ng/ml



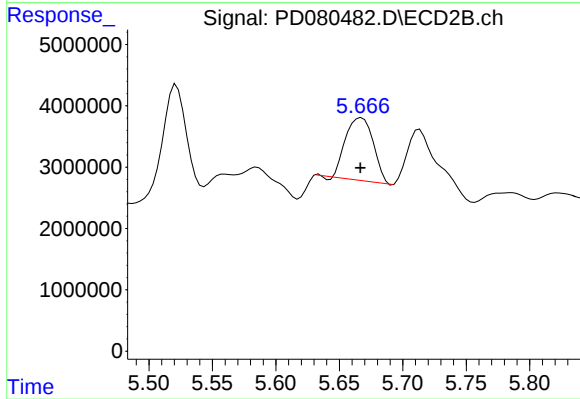
#13 Dieldrin

R.T.: 5.384 min  
Delta R.T.: -0.007 min  
Response: 5054872  
Conc: 1.54 ng/ml



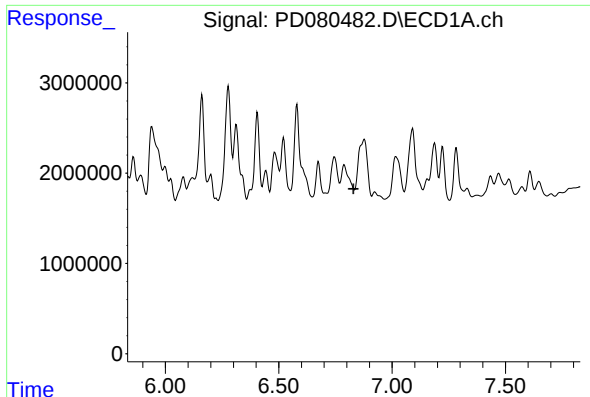
#14 Endrin

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



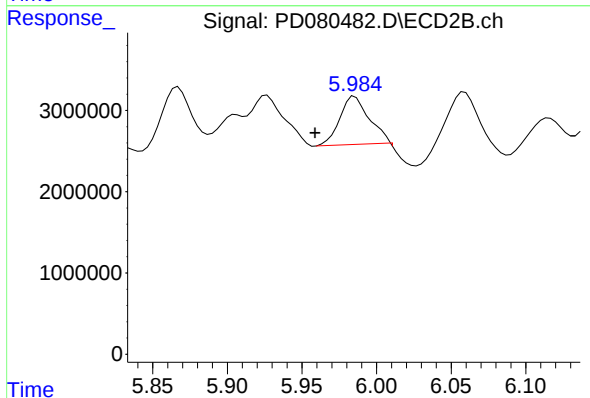
#14 Endrin

R.T.: 5.668 min  
Delta R.T.: 0.001 min  
Response: 15476959  
Conc: 5.51 ng/ml



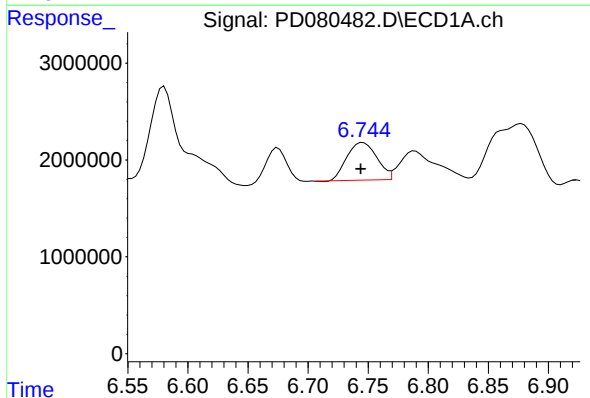
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.830 min  
Response: 0  
Conc: N.D.



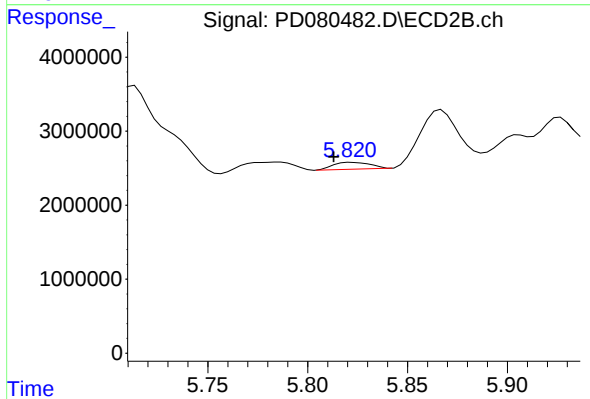
#15 Endosulfan II

R.T.: 5.985 min  
Delta R.T.: 0.027 min  
Response: 7815782  
Conc: 2.86 ng/ml



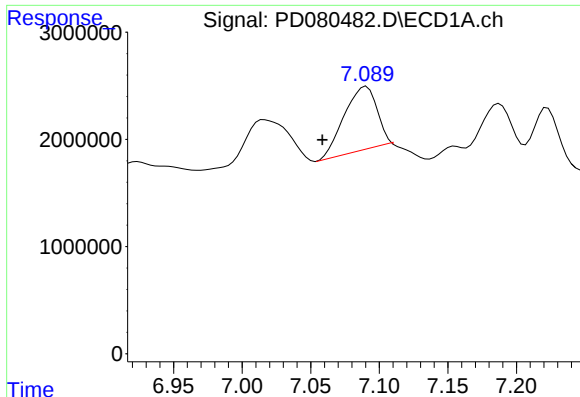
#16 4,4'-DDD

R.T.: 6.746 min  
Delta R.T.: 0.002 min  
Response: 6770448  
Conc: 4.04 ng/ml



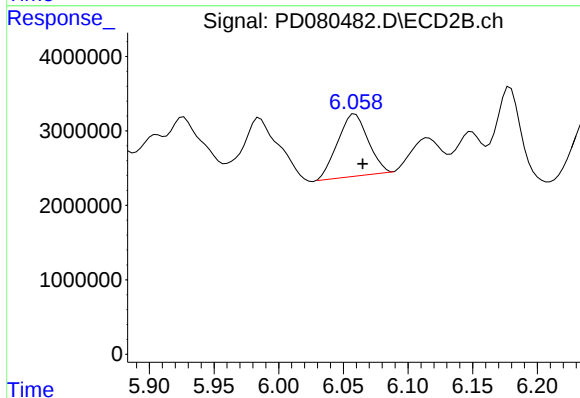
#16 4,4'-DDD

R.T.: 5.822 min  
Delta R.T.: 0.009 min  
Response: 1183352  
Conc: 0.46 ng/ml



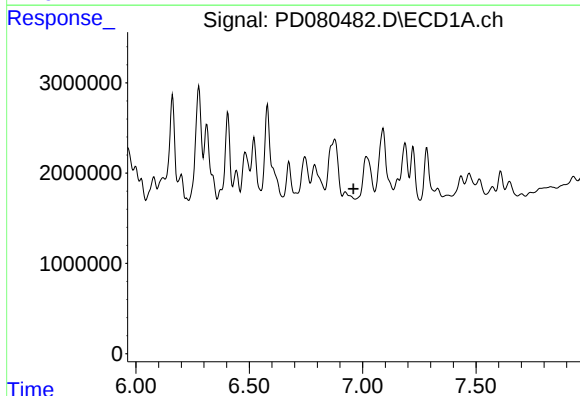
#17 4,4'-DDT

R.T.: 7.090 min  
Delta R.T.: 0.032 min  
Response: 9848414  
Conc: 5.54 ng/ml



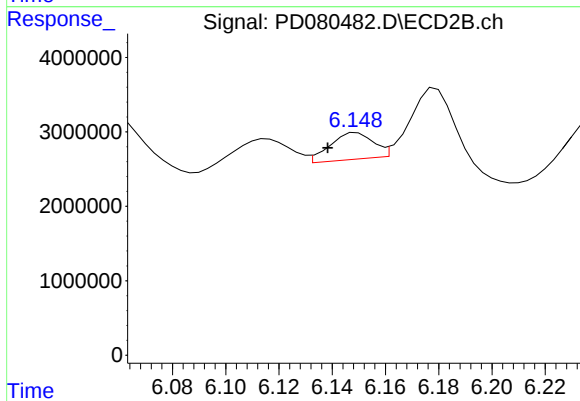
#17 4,4'-DDT

R.T.: 6.059 min  
Delta R.T.: -0.006 min  
Response: 13638278  
Conc: 5.37 ng/ml



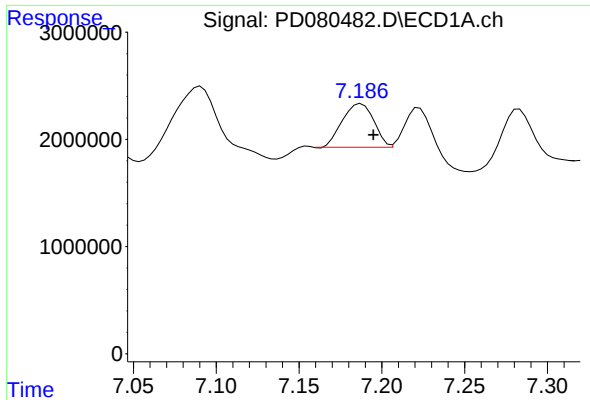
#18 Endrin aldehyde

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



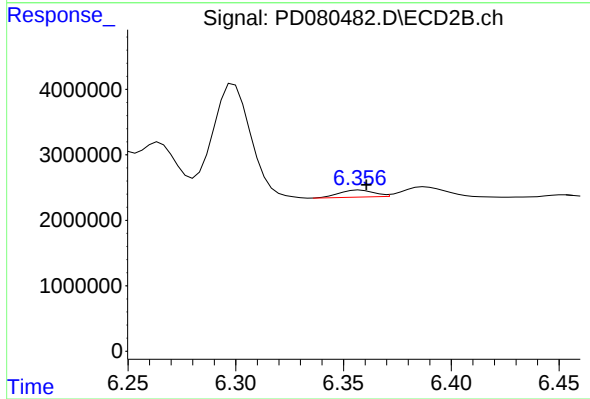
#18 Endrin aldehyde

R.T.: 6.149 min  
Delta R.T.: 0.011 min  
Response: 4009009  
Conc: 1.95 ng/ml



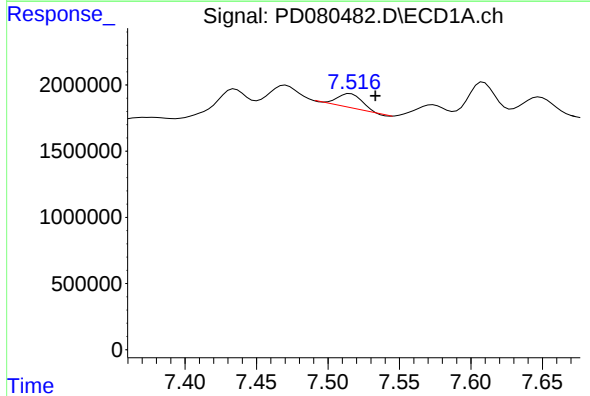
#19 Endosulfan Sulfate

R.T.: 7.188 min  
Delta R.T.: -0.008 min  
Response: 5384527  
Conc: 2.84 ng/ml



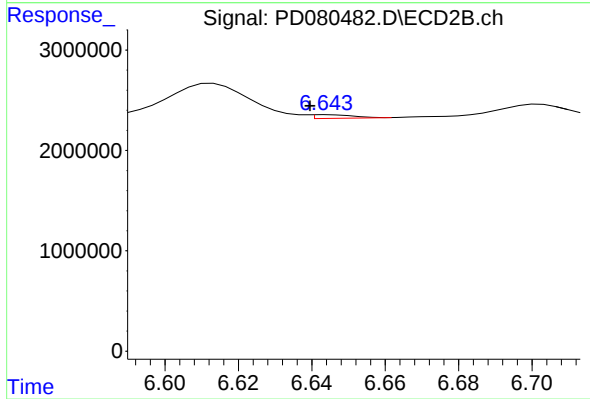
#19 Endosulfan Sulfate

R.T.: 6.358 min  
Delta R.T.: -0.003 min  
Response: 1200741  
Conc: 0.45 ng/ml



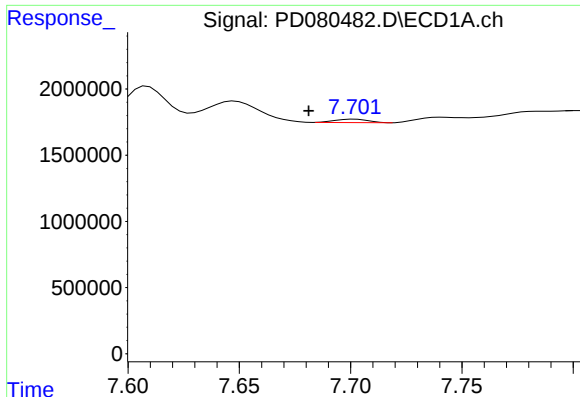
#20 Methoxychlor

R.T.: 7.516 min  
Delta R.T.: -0.018 min  
Response: 1258712  
Conc: 1.27 ng/ml



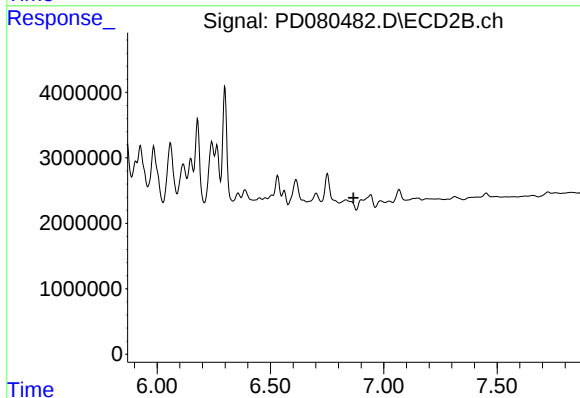
#20 Methoxychlor

R.T.: 6.644 min  
Delta R.T.: 0.005 min  
Response: 277000  
Conc: 0.19 ng/ml



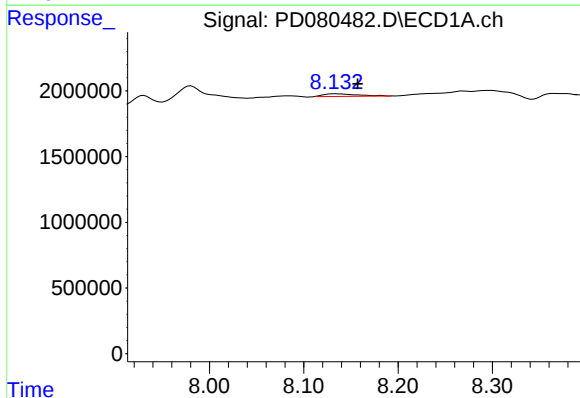
#21 Endrin ketone

R.T.: 7.702 min  
Delta R.T.: 0.021 min  
Response: 266401  
Conc: 0.13 ng/ml



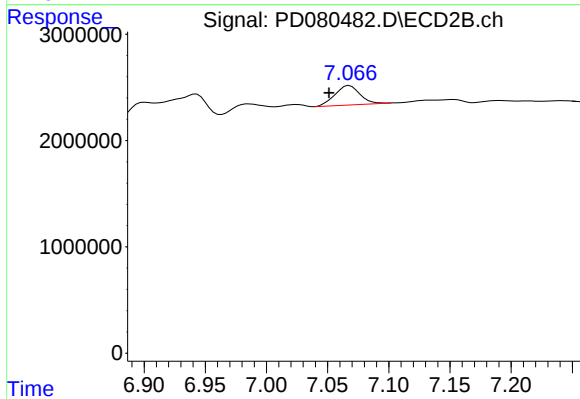
#21 Endrin ketone

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



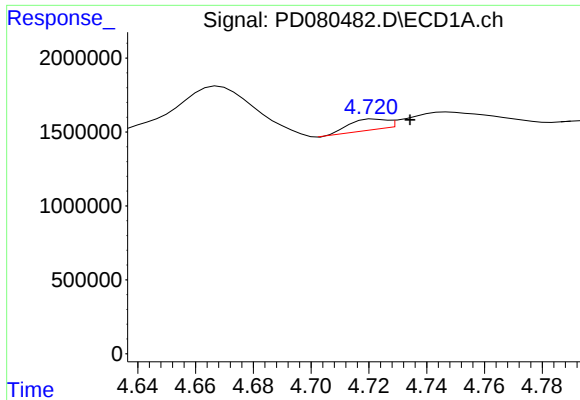
#22 Mirex

R.T.: 8.133 min  
Delta R.T.: -0.024 min  
Response: 493386  
Conc: 0.30 ng/ml



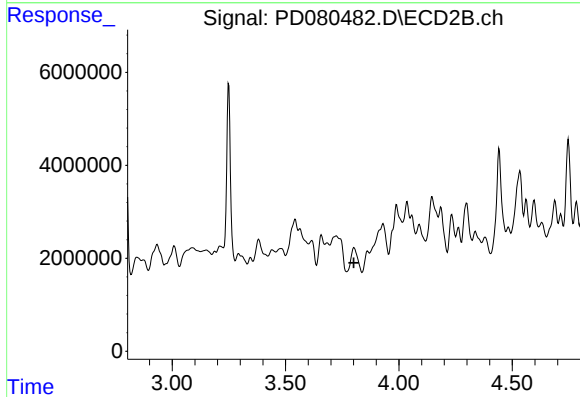
#22 Mirex

R.T.: 7.068 min  
Delta R.T.: 0.017 min  
Response: 2611048  
Conc: 1.08 ng/ml



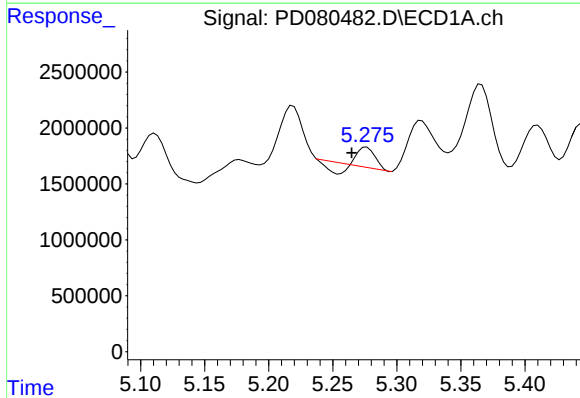
#23 Chlordane-1

R.T.: 4.722 min  
Delta R.T.: -0.012 min  
Response: 640916  
Conc: 8.61 ng/ml



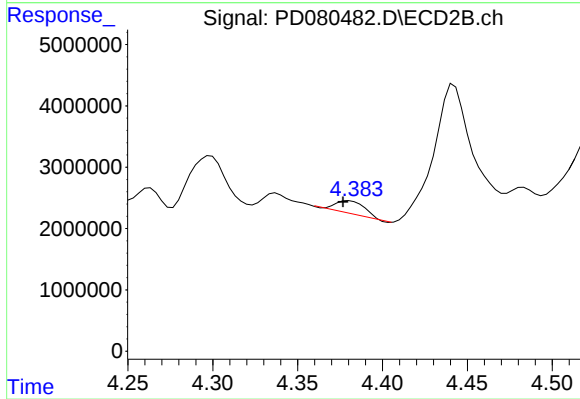
#23 Chlordane-1

R.T.: 3.802 min  
Delta R.T.: 0.002 min  
Response: -2762451  
Conc: N.D.



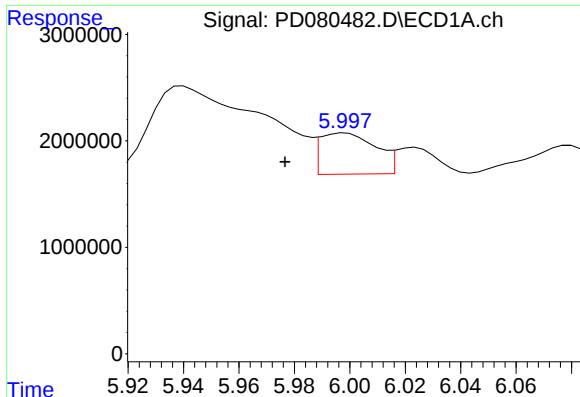
#24 Chlordane-2

R.T.: 5.276 min  
Delta R.T.: 0.012 min  
Response: 1005710  
Conc: 13.16 ng/ml



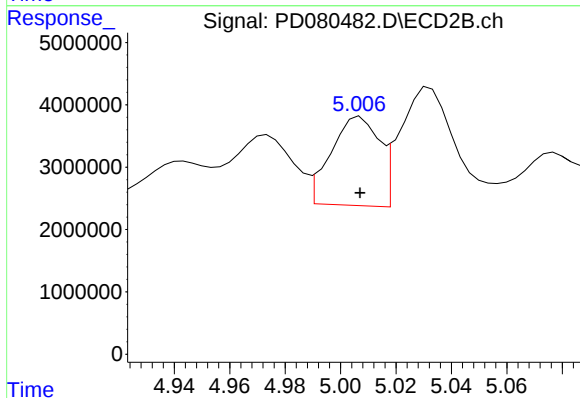
#24 Chlordane-2

R.T.: 4.380 min  
Delta R.T.: 0.004 min  
Response: 2495492  
Conc: 21.83 ng/ml



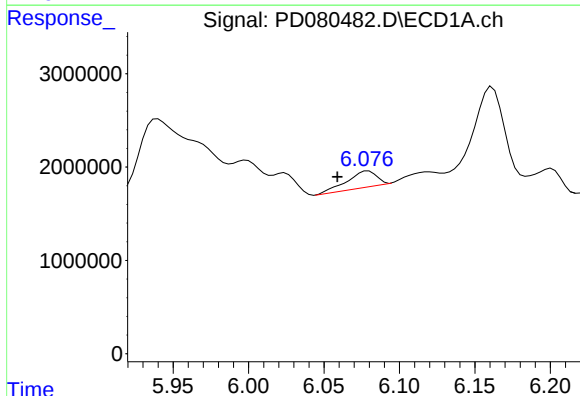
#25 Chlordane-3

R.T.: 5.999 min  
Delta R.T.: 0.022 min  
Response: 5401790  
Conc: 17.89 ng/ml



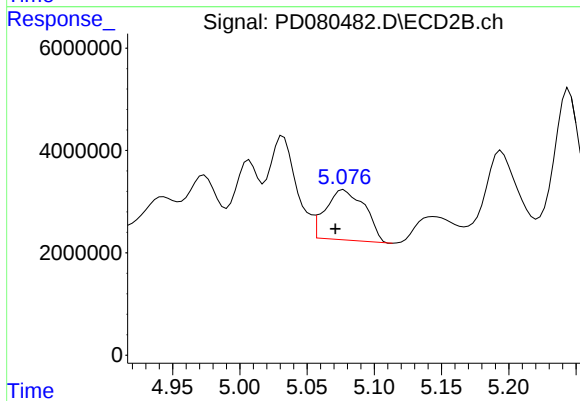
#25 Chlordane-3

R.T.: 5.007 min  
Delta R.T.: 0.000 min  
Response: 17170782  
Conc: 54.50 ng/ml



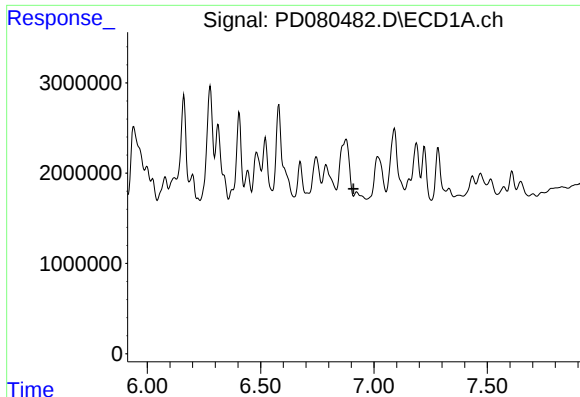
#26 Chlordane-4

R.T.: 6.079 min  
Delta R.T.: 0.020 min  
Response: 2366404  
Conc: 6.53 ng/ml



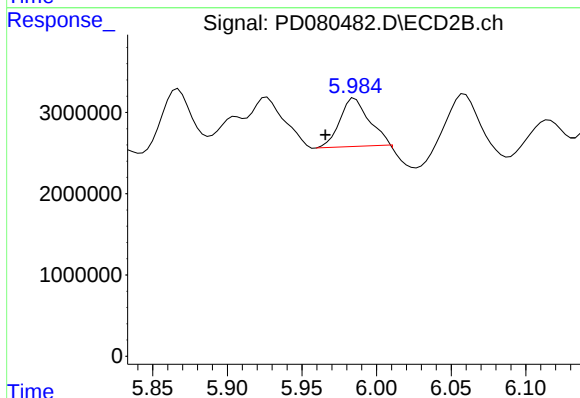
#26 Chlordane-4

R.T.: 5.077 min  
Delta R.T.: 0.006 min  
Response: 19907084  
Conc: 67.66 ng/ml



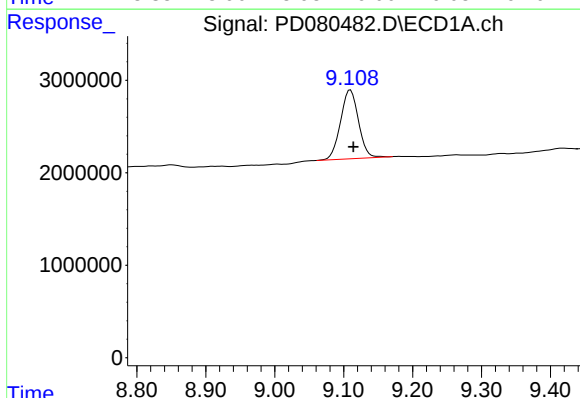
#27 Chlordane-5

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



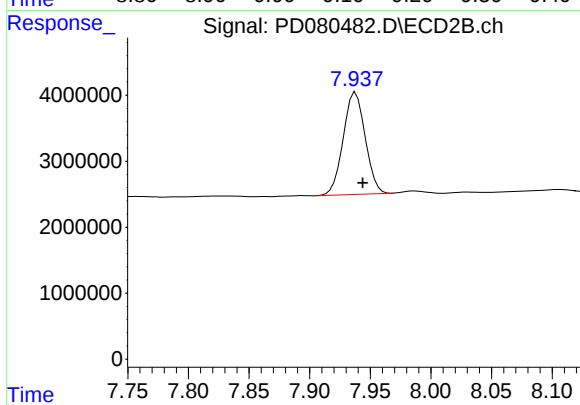
#27 Chlordane-5

R.T.: 5.985 min  
Delta R.T.: 0.020 min  
Response: 7815782  
Conc: 68.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.110 min  
Delta R.T.: -0.004 min  
Response: 13528884  
Conc: 6.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.938 min  
Delta R.T.: -0.006 min  
Response: 19505926  
Conc: 6.92 ng/ml