

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122623\  
 Data File : PD080480.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Dec 2023 21:57  
 Operator : AR\AJ  
 Sample : 05899-19  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 25 23:29:11 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

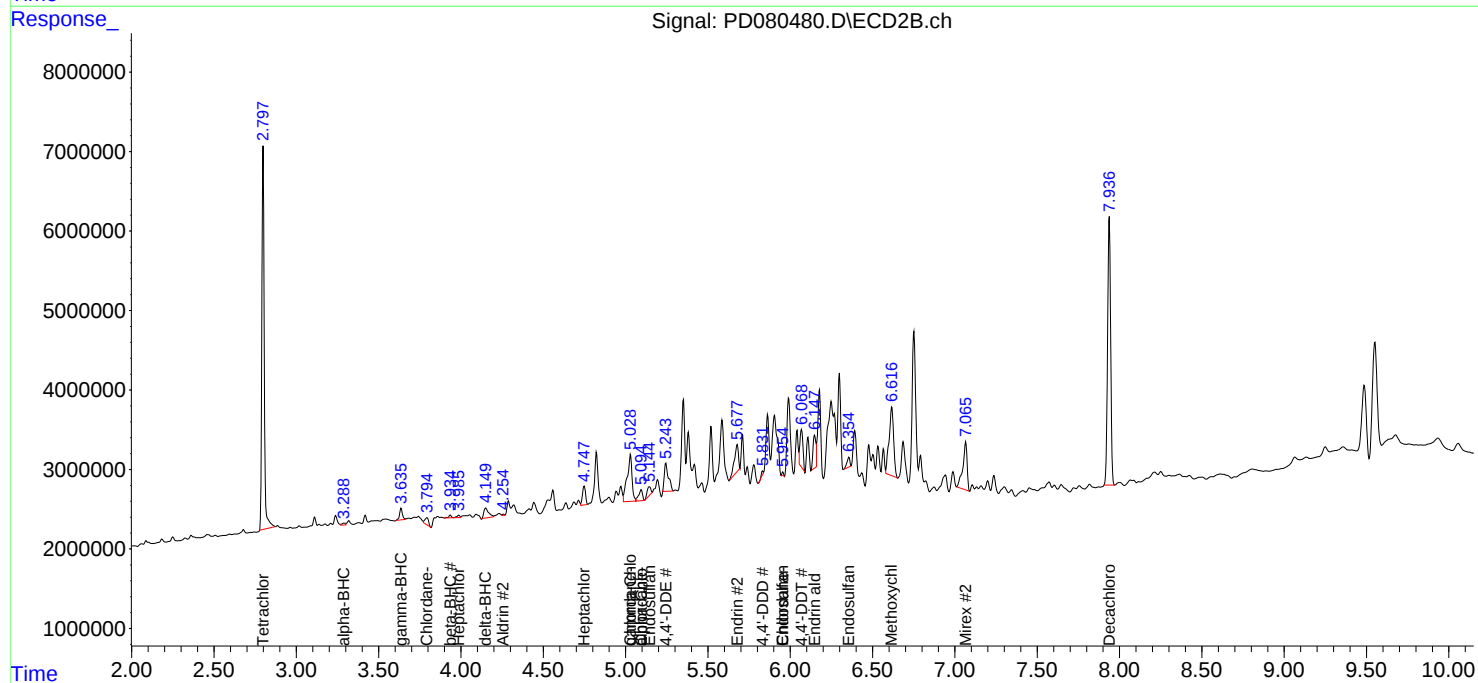
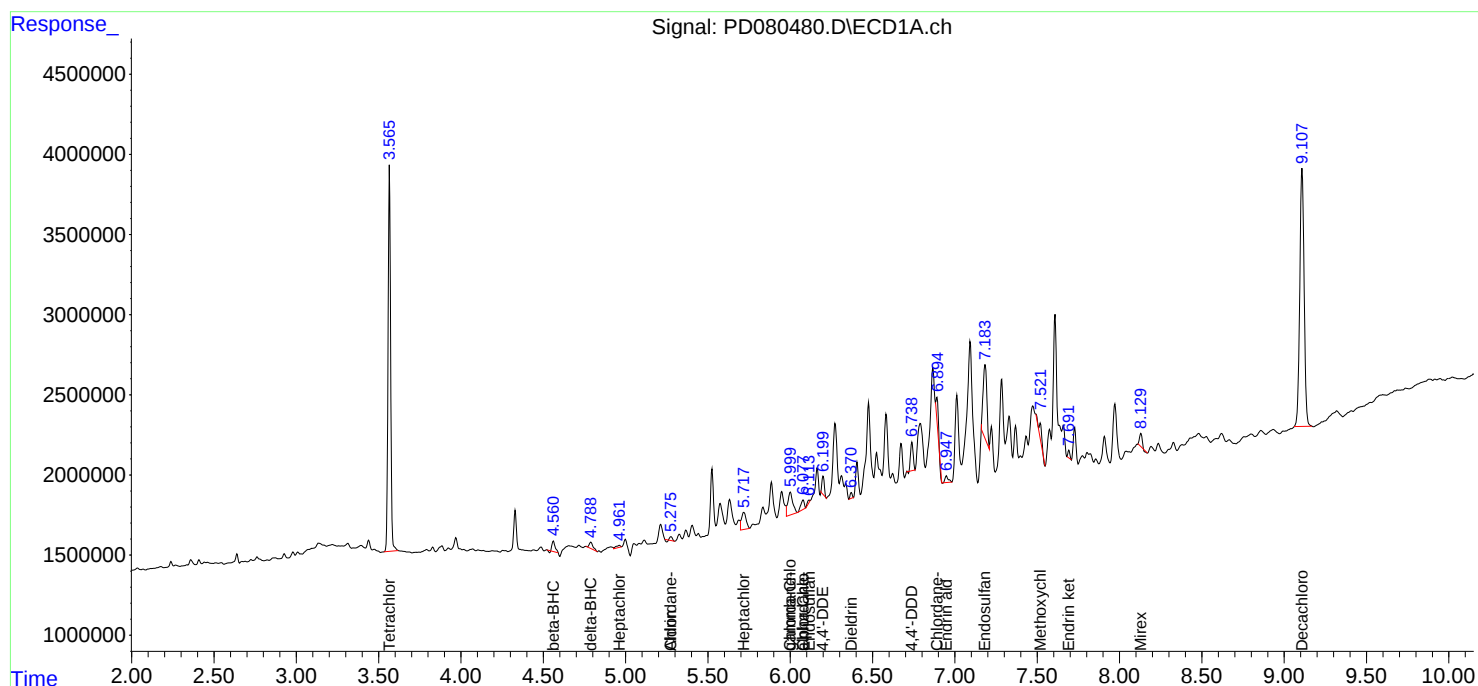
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.566  | 2.799  | 26267809 | 48899984 | 17.428 | 19.453   |
| 28)                         | SA Decachlor... | 9.109  | 7.938  | 29534632 | 43849189 | 14.591 | 15.555   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.290  | 0        | 346803   | N.D.   | 0.091 #  |
| 4)                          | MA Heptachlor   | 4.963  | 3.987  | 254124   | 374646   | 0.103  | 0.107    |
| 5)                          | MB Aldrin       | 5.276f | 4.257  | 193887   | 123979   | 0.082  | 0.035 #  |
| 6)                          | B beta-BHC      | 4.561  | 3.935  | 775481   | 347276   | 0.775  | 0.225 #  |
| 7)                          | B delta-BHC     | 4.789  | 4.150  | 659030   | 2456955  | 0.269  | 0.652 #  |
| 8)                          | B Heptachlo...  | 5.719  | 4.749  | 2130027  | 3126771  | 0.967  | 0.953    |
| 9)                          | A Endosulfan I  | 6.115  | 5.146f | 158134   | 1690309  | 0.077  | 0.560 #  |
| 10)                         | B gamma-Chl...  | 6.001f | 5.030f | 2988615  | 12144370 | 1.373  | 3.767 #  |
| 11)                         | B alpha-Chl...  | 6.078f | 5.095f | 853611   | 2262357  | 0.396  | 0.704 #  |
| 12)                         | B 4,4'-DDE      | 6.200f | 5.245f | 1144975  | 6196028  | 0.571  | 2.056 #  |
| 14)                         | MA Endrin       | 6.623  | 5.678  | -1844240 | 5760713  | N.D.   | 2.050    |
| 15)                         | B Endosulfa...  | 0.000  | 5.955  | 0        | 307389   | N.D.   | 0.113 #  |
| 16)                         | A 4,4'-DDD      | 6.739  | 5.832f | 1952322  | 194633   | 1.165  | 0.076 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.068  | 0        | 6130485  | N.D.   | 2.413 #  |
| 18)                         | B Endrin al...  | 6.949  | 6.148  | 559632   | 4923186  | 0.391  | 2.398 #  |
| 19)                         | B Endosulfa...  | 7.184  | 6.357  | 7536674  | 1517237  | 3.975  | 0.566 #  |
| 20)                         | A Methoxychlor  | 7.519  | 6.617f | 1322002  | 16622030 | 1.338  | 11.367 # |
| 22)                         | Mirex           | 8.130f | 7.066  | 884954   | 10851506 | 0.541  | 4.484 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.794  | 0        | 1403295  | N.D.   | 14.577 # |
| 24)                         | Chlordane-2     | 5.276  | 0.000  | 193887   | 0        | 2.537  | N.D. #   |
| 25)                         | Chlordane-3     | 6.001f | 5.030f | 2988615  | 12144370 | 9.899  | 38.548 # |
| 26)                         | Chlordane-4     | 6.078f | 5.095f | 853611   | 2262357  | 2.357  | 7.689 #  |
| 27)                         | Chlordane-5     | 6.891f | 5.955  | 668921   | 307389   | 9.888  | 2.706 #  |
| -----                       |                 |        |        |          |          |        |          |

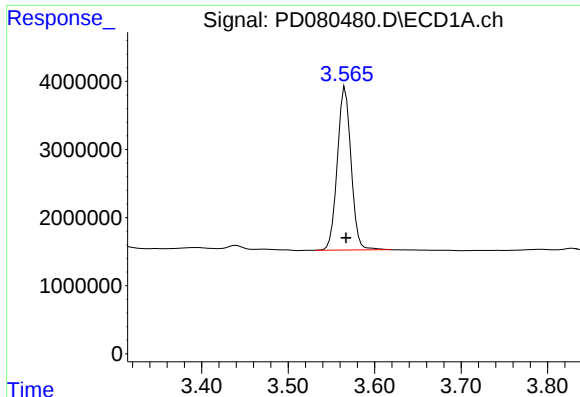
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122623\  
Data File : PD080480.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Dec 2023 21:57  
Operator : AR\AJ  
Sample : 05899-19  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 25 23:29:11 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

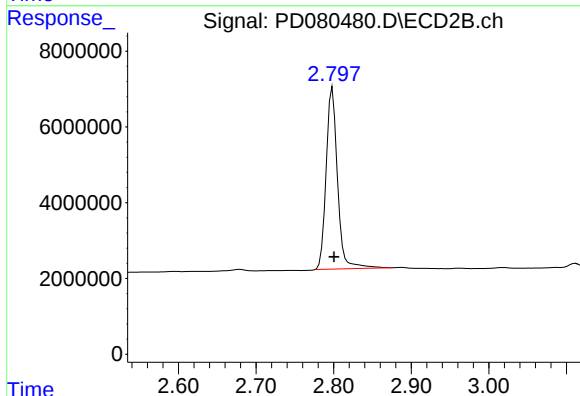
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





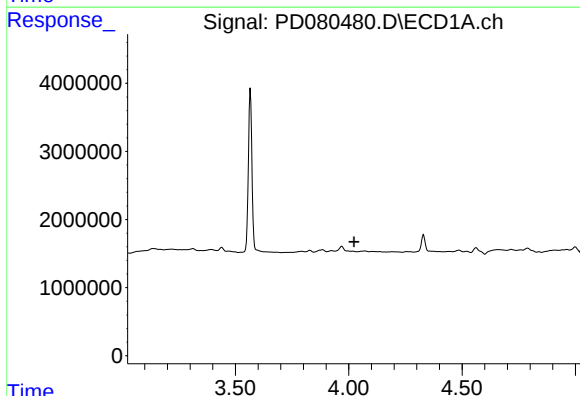
#1 Tetrachloro-m-xylene

R.T.: 3.566 min  
Delta R.T.: 0.000 min  
Response: 26267809  
Conc: 17.43 ng/ml



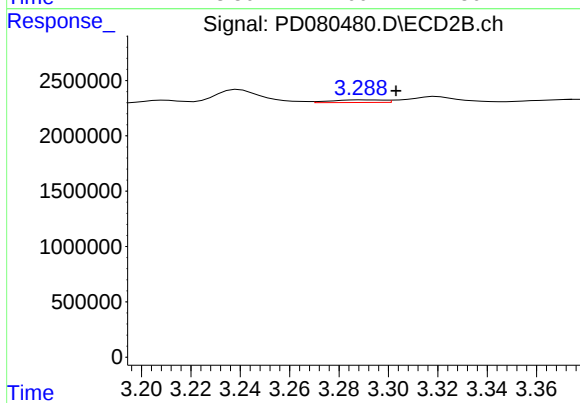
#1 Tetrachloro-m-xylene

R.T.: 2.799 min  
Delta R.T.: -0.002 min  
Response: 48899984  
Conc: 19.45 ng/ml



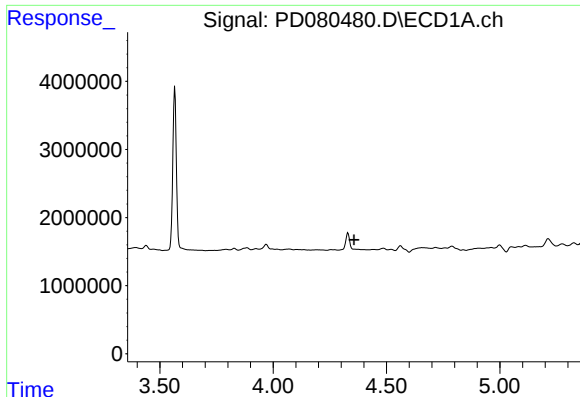
#2 alpha-BHC

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



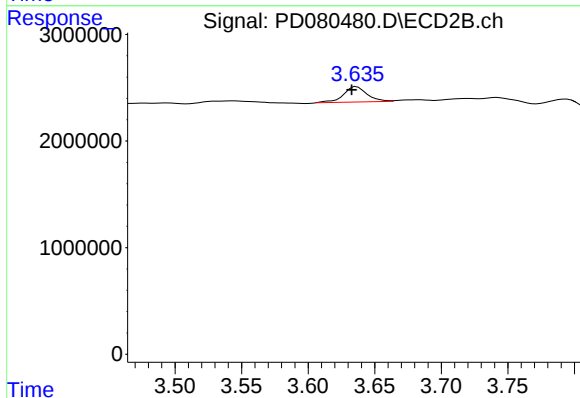
#2 alpha-BHC

R.T.: 3.290 min  
Delta R.T.: -0.014 min  
Response: 346803  
Conc: 0.09 ng/ml



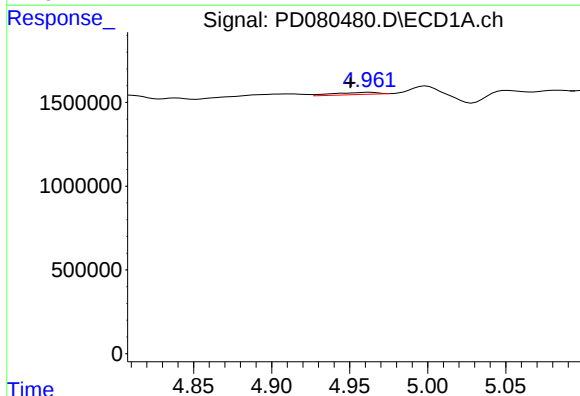
#3 gamma-BHC (Lindane)

R.T.: 4.330 min  
Delta R.T.: -0.027 min  
Response: -1427996  
Conc: N.D.



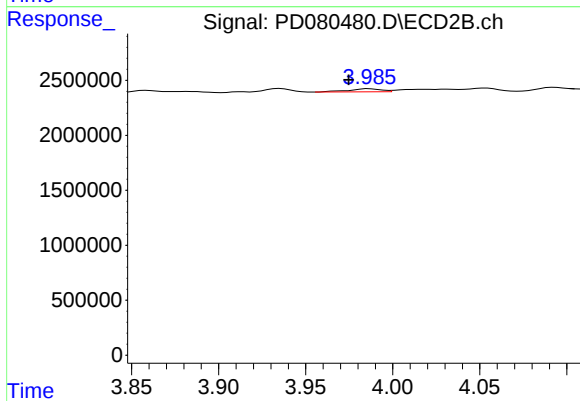
#3 gamma-BHC (Lindane)

R.T.: 3.637 min  
Delta R.T.: 0.004 min  
Response: 1779332  
Conc: 0.49 ng/ml



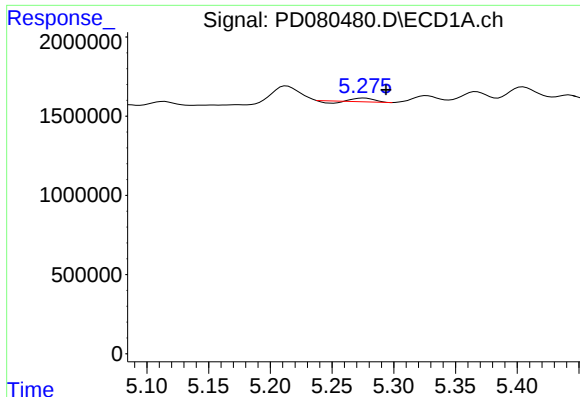
#4 Heptachlor

R.T.: 4.963 min  
Delta R.T.: 0.012 min  
Response: 254124  
Conc: 0.10 ng/ml



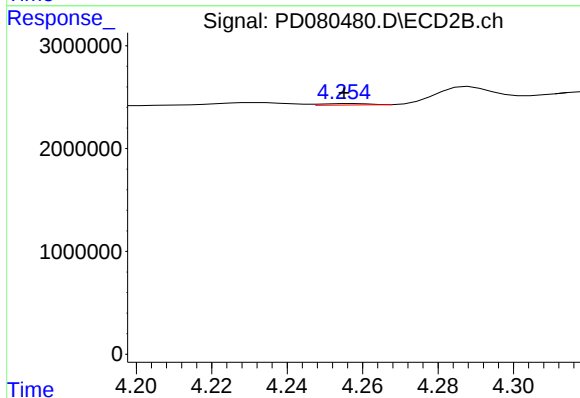
#4 Heptachlor

R.T.: 3.987 min  
Delta R.T.: 0.012 min  
Response: 374646  
Conc: 0.11 ng/ml



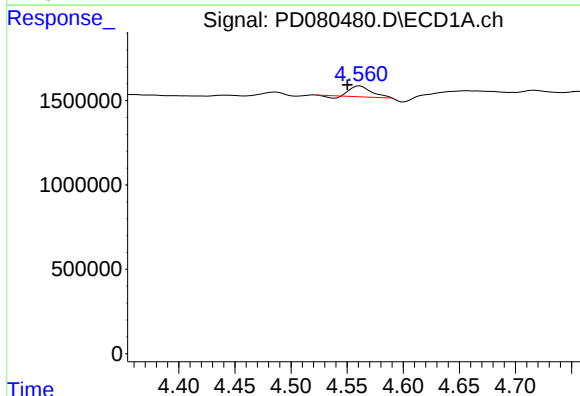
#5 Aldrin

R.T.: 5.276 min  
Delta R.T.: -0.018 min  
Response: 193887  
Conc: 0.08 ng/ml



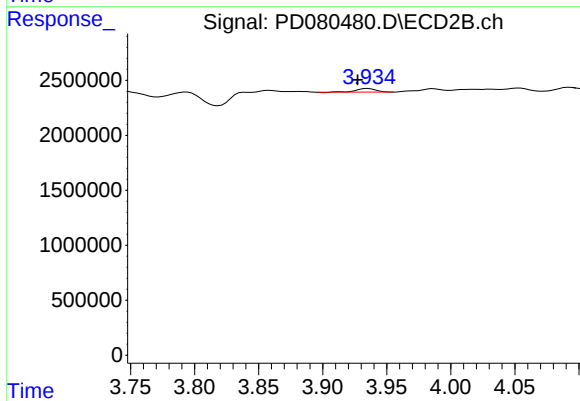
#5 Aldrin

R.T.: 4.257 min  
Delta R.T.: 0.002 min  
Response: 123979  
Conc: 0.03 ng/ml



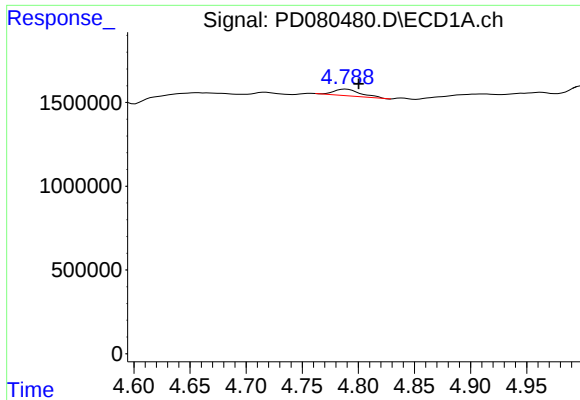
#6 beta-BHC

R.T.: 4.561 min  
Delta R.T.: 0.011 min  
Response: 775481  
Conc: 0.77 ng/ml



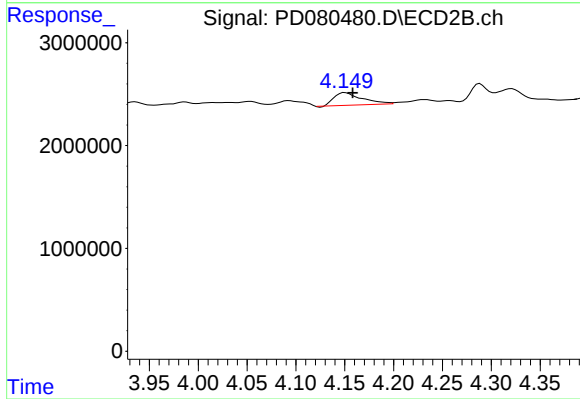
#6 beta-BHC

R.T.: 3.935 min  
Delta R.T.: 0.008 min  
Response: 347276  
Conc: 0.22 ng/ml



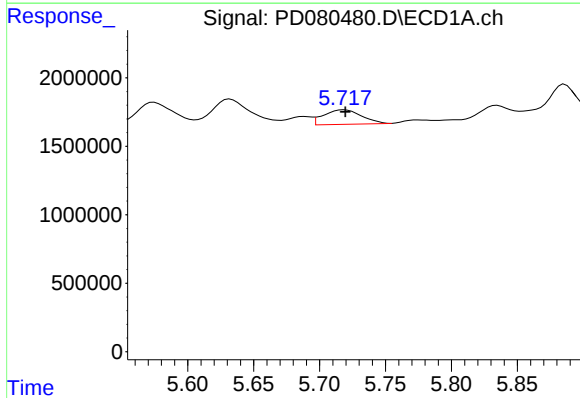
#7 delta-BHC

R.T.: 4.789 min  
Delta R.T.: -0.011 min  
Response: 659030  
Conc: 0.27 ng/ml



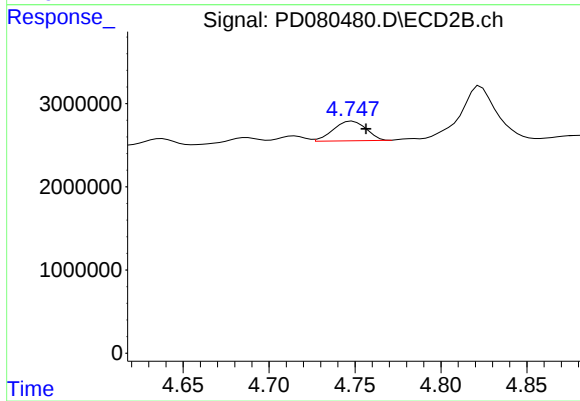
#7 delta-BHC

R.T.: 4.150 min  
Delta R.T.: -0.008 min  
Response: 2456955  
Conc: 0.65 ng/ml



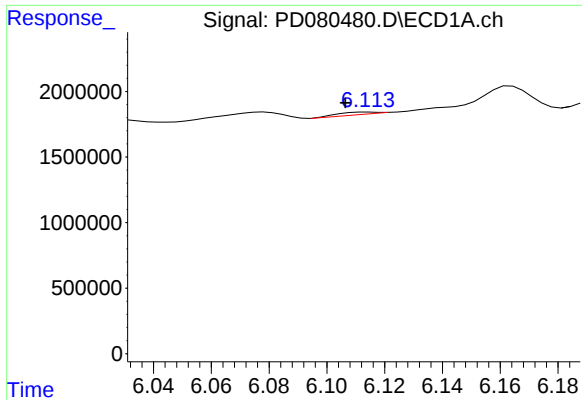
#8 Heptachlor epoxide

R.T.: 5.719 min  
Delta R.T.: 0.000 min  
Response: 2130027  
Conc: 0.97 ng/ml



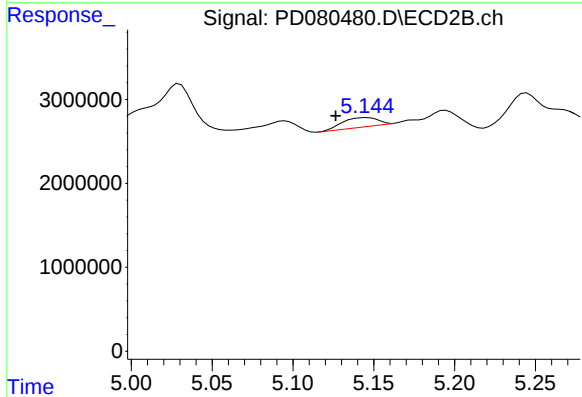
#8 Heptachlor epoxide

R.T.: 4.749 min  
Delta R.T.: -0.008 min  
Response: 3126771  
Conc: 0.95 ng/ml



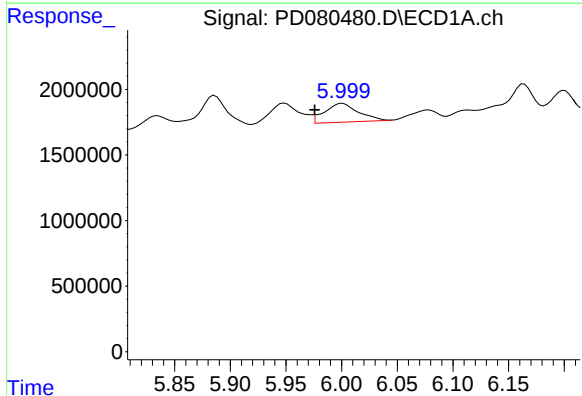
#9 Endosulfan I

R.T.: 6.115 min  
Delta R.T.: 0.008 min  
Response: 158134  
Conc: 0.08 ng/ml



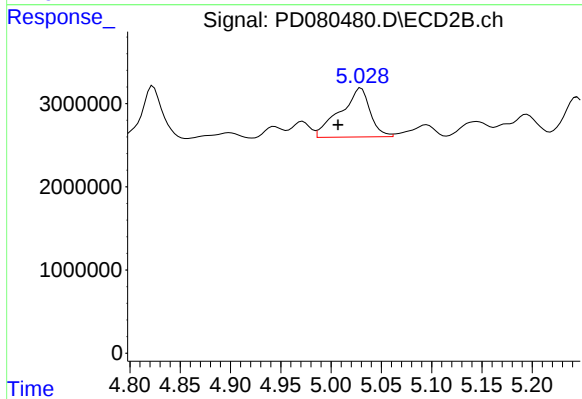
#9 Endosulfan I

R.T.: 5.146 min  
Delta R.T.: 0.019 min  
Response: 1690309  
Conc: 0.56 ng/ml



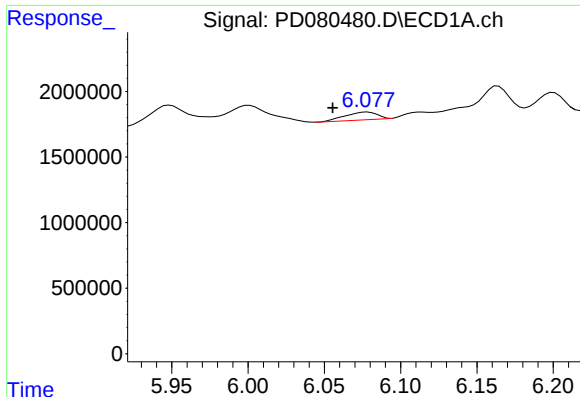
#10 gamma-Chlordane

R.T.: 6.001 min  
Delta R.T.: 0.025 min  
Response: 2988615  
Conc: 1.37 ng/ml



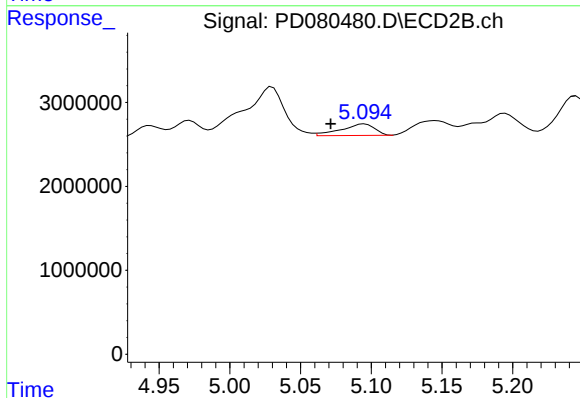
#10 gamma-Chlordane

R.T.: 5.030 min  
Delta R.T.: 0.023 min  
Response: 12144370  
Conc: 3.77 ng/ml



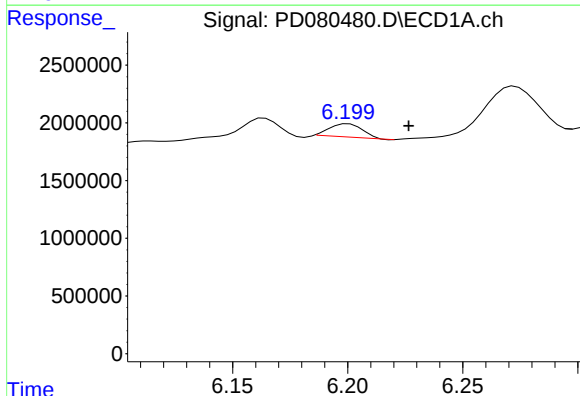
#11 alpha-Chlordane

R.T.: 6.078 min  
Delta R.T.: 0.023 min  
Response: 853611  
Conc: 0.40 ng/ml



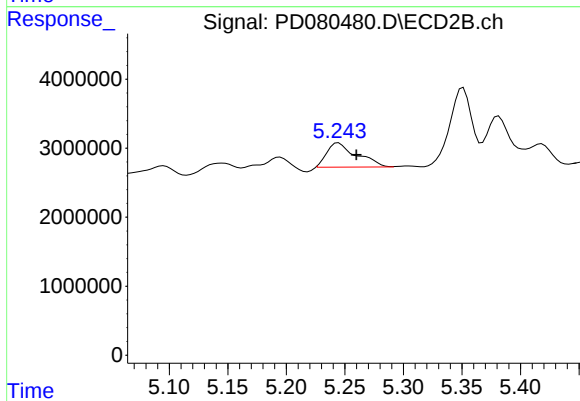
#11 alpha-Chlordane

R.T.: 5.095 min  
Delta R.T.: 0.024 min  
Response: 2262357  
Conc: 0.70 ng/ml



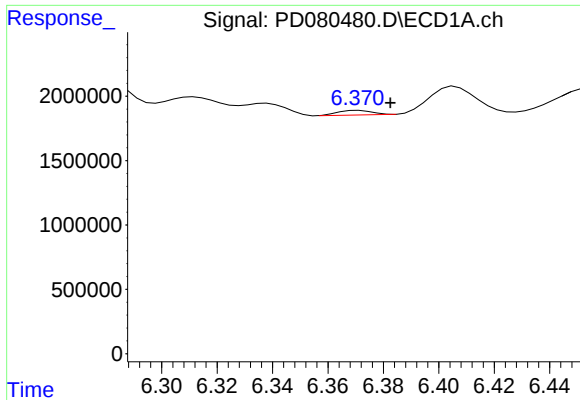
#12 4,4'-DDE

R.T.: 6.200 min  
Delta R.T.: -0.026 min  
Response: 1144975  
Conc: 0.57 ng/ml



#12 4,4'-DDE

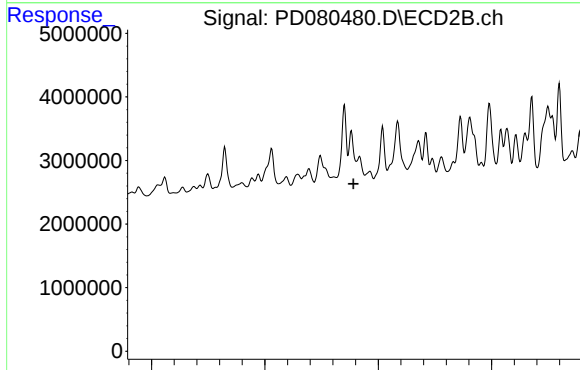
R.T.: 5.245 min  
Delta R.T.: -0.015 min  
Response: 6196028  
Conc: 2.06 ng/ml



#13 Dieldrin

R.T.: 6.371 min  
Delta R.T.: -0.011 min  
Response: 312464  
Conc: 0.14 ng/ml

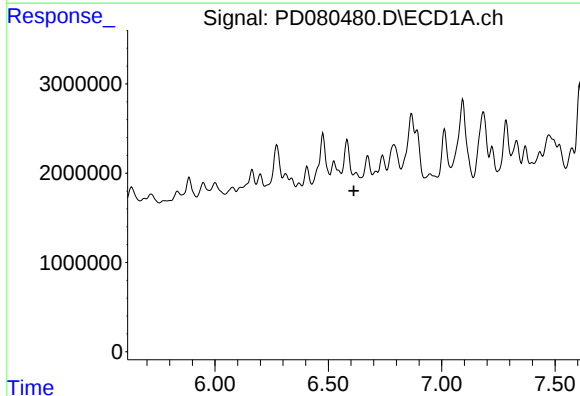
Time



#13 Dieldrin

R.T.: 5.381 min  
Delta R.T.: -0.010 min  
Response: -2176853  
Conc: N.D.

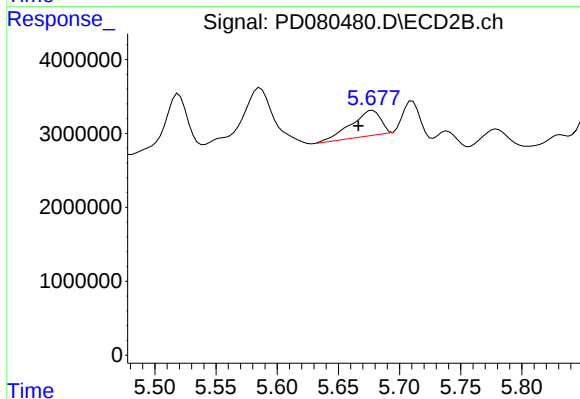
Time



#14 Endrin

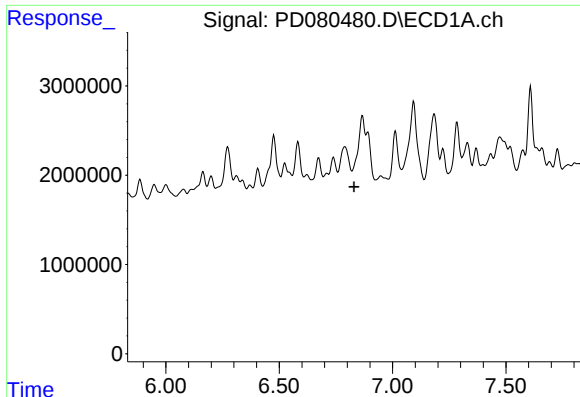
R.T.: 6.623 min  
Delta R.T.: 0.010 min  
Response: -1844240  
Conc: N.D.

Time



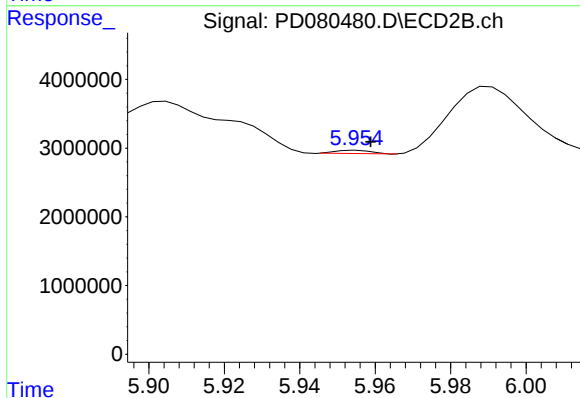
#14 Endrin

R.T.: 5.678 min  
Delta R.T.: 0.012 min  
Response: 5760713  
Conc: 2.05 ng/ml



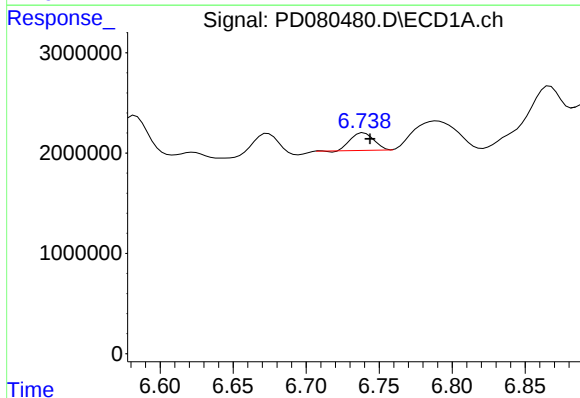
#15 Endosulfan II

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



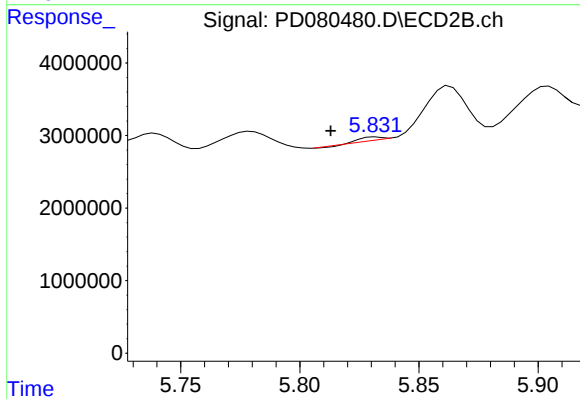
#15 Endosulfan II

R.T.: 5.955 min  
Delta R.T.: -0.004 min  
Response: 307389  
Conc: 0.11 ng/ml



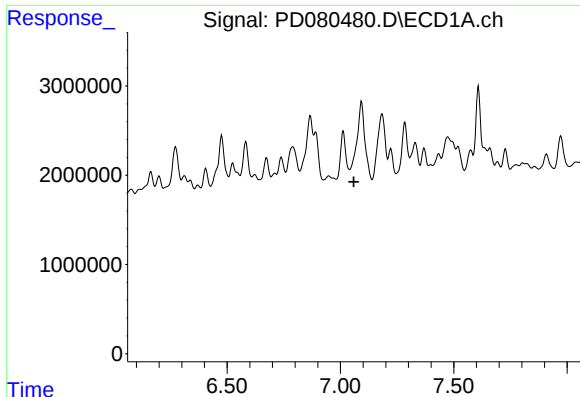
#16 4,4'-DDD

R.T.: 6.739 min  
Delta R.T.: -0.004 min  
Response: 1952322  
Conc: 1.17 ng/ml



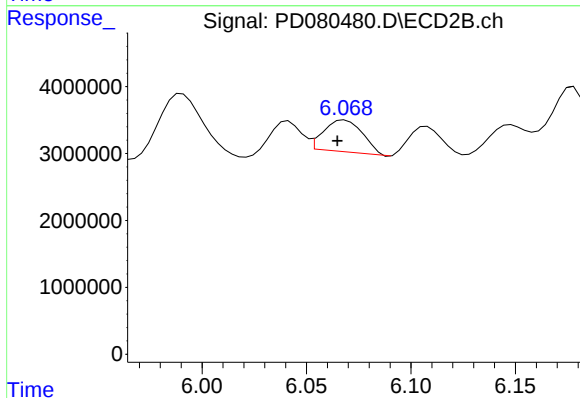
#16 4,4'-DDD

R.T.: 5.832 min  
Delta R.T.: 0.019 min  
Response: 194633  
Conc: 0.08 ng/ml



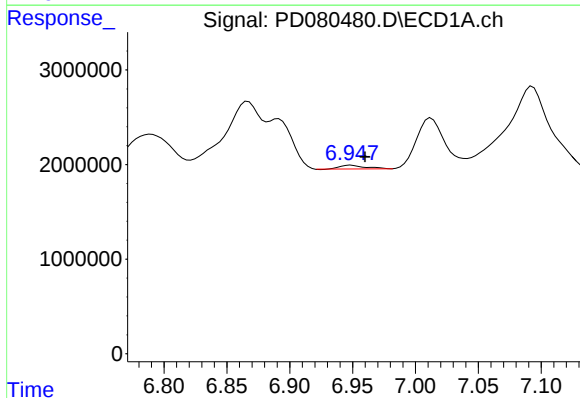
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 7.059 min  
Response: 0  
Conc: N.D.



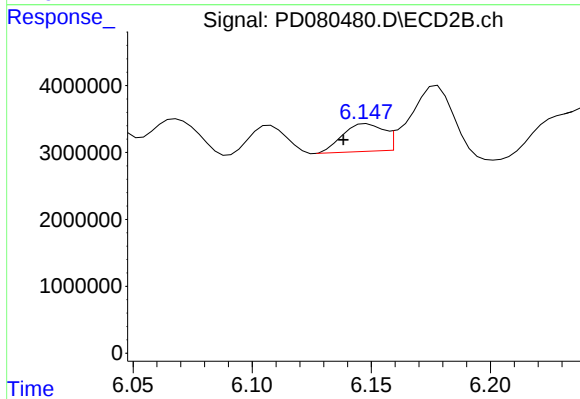
#17 4,4'-DDT

R.T.: 6.068 min  
Delta R.T.: 0.003 min  
Response: 6130485  
Conc: 2.41 ng/ml



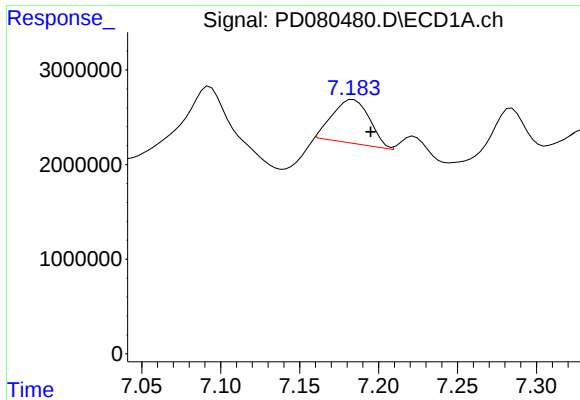
#18 Endrin aldehyde

R.T.: 6.949 min  
Delta R.T.: -0.011 min  
Response: 559632  
Conc: 0.39 ng/ml



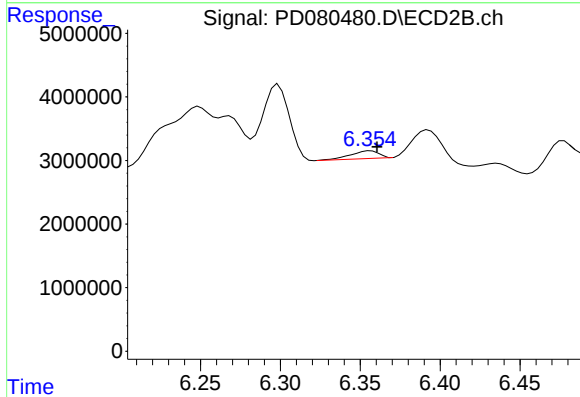
#18 Endrin aldehyde

R.T.: 6.148 min  
Delta R.T.: 0.010 min  
Response: 4923186  
Conc: 2.40 ng/ml



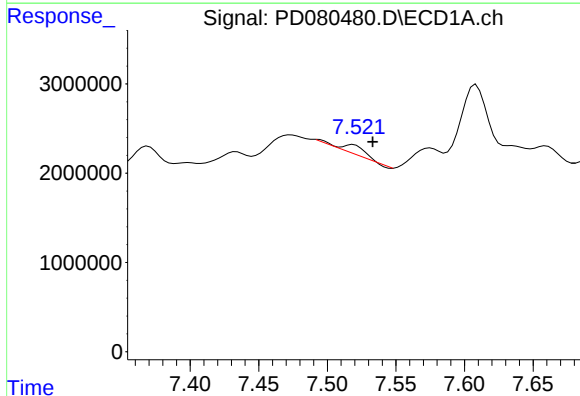
#19 Endosulfan Sulfate

R.T.: 7.184 min  
Delta R.T.: -0.011 min  
Response: 7536674  
Conc: 3.97 ng/ml



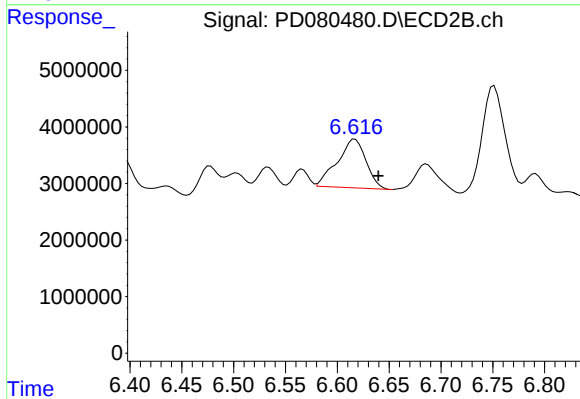
#19 Endosulfan Sulfate

R.T.: 6.357 min  
Delta R.T.: -0.004 min  
Response: 1517237  
Conc: 0.57 ng/ml



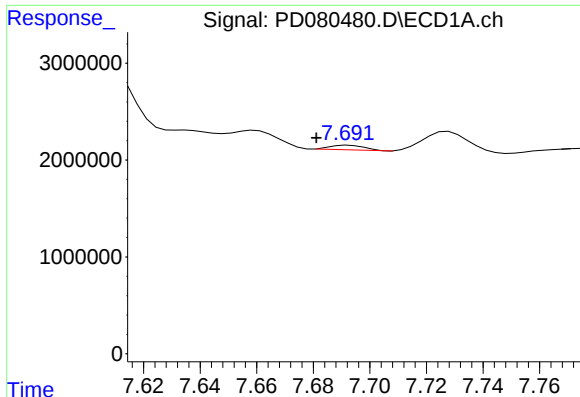
#20 Methoxychlor

R.T.: 7.519 min  
Delta R.T.: -0.014 min  
Response: 1322002  
Conc: 1.34 ng/ml



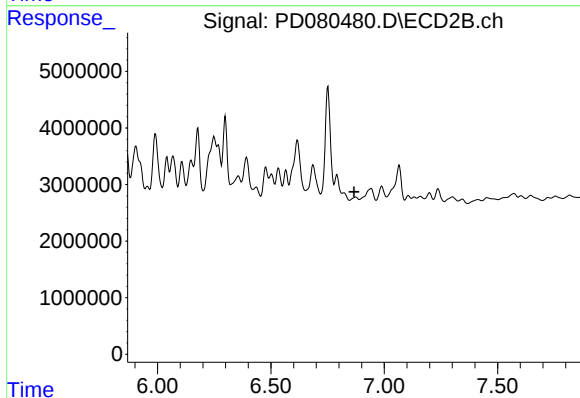
#20 Methoxychlor

R.T.: 6.617 min  
Delta R.T.: -0.023 min  
Response: 16622030  
Conc: 11.37 ng/ml



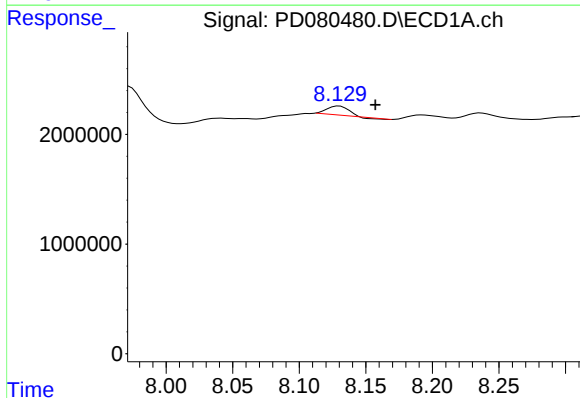
#21 Endrin ketone

R.T.: 7.693 min  
Delta R.T.: 0.012 min  
Response: 406742  
Conc: 0.20 ng/ml



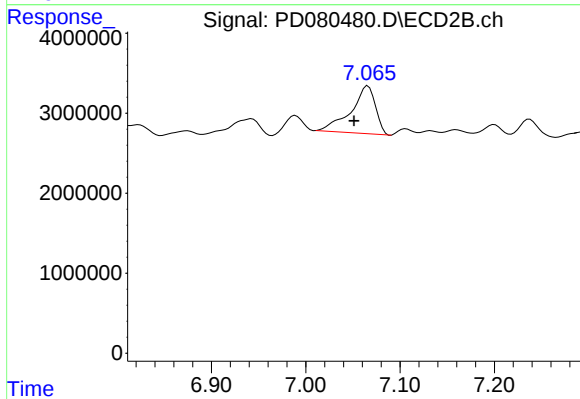
#21 Endrin ketone

R.T.: 6.875 min  
Delta R.T.: 0.008 min  
Response: -675016  
Conc: N.D.



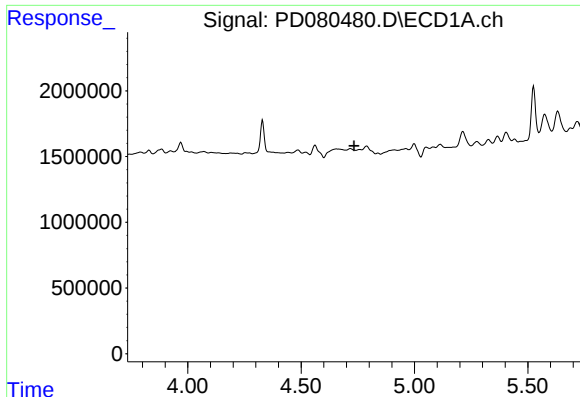
#22 Mirex

R.T.: 8.130 min  
Delta R.T.: -0.027 min  
Response: 884954  
Conc: 0.54 ng/ml



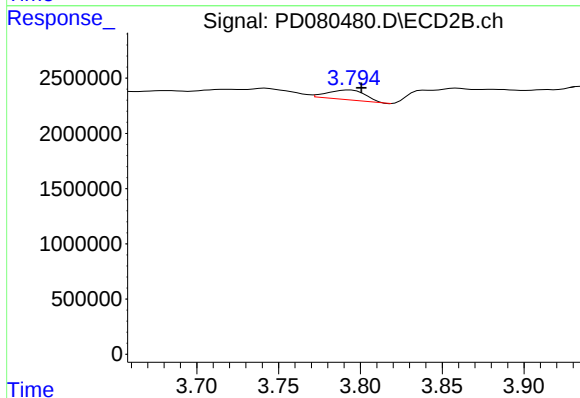
#22 Mirex

R.T.: 7.066 min  
Delta R.T.: 0.015 min  
Response: 10851506  
Conc: 4.48 ng/ml



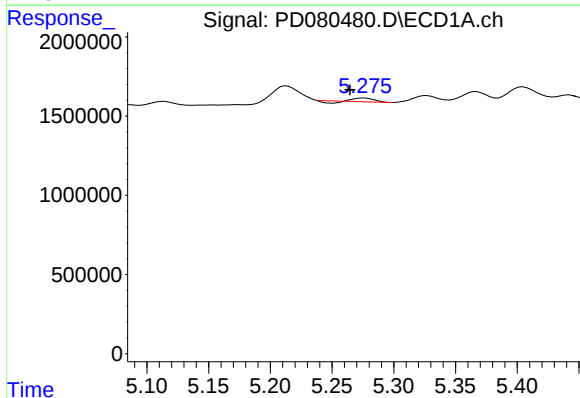
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.734 min  
Response: 0  
Conc: N.D.



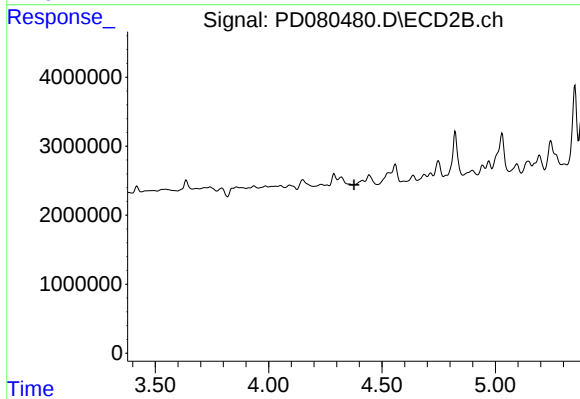
#23 Chlordane-1

R.T.: 3.794 min  
Delta R.T.: -0.007 min  
Response: 1403295  
Conc: 14.58 ng/ml



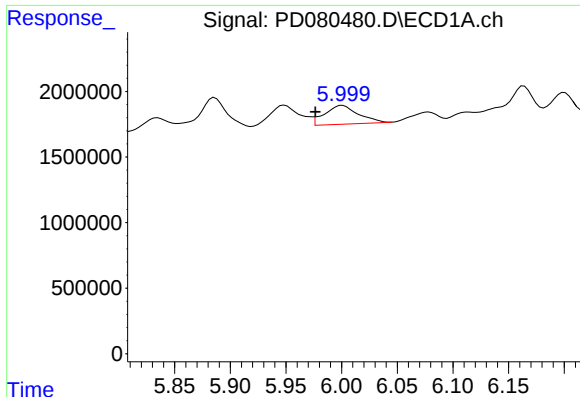
#24 Chlordane-2

R.T.: 5.276 min  
Delta R.T.: 0.011 min  
Response: 193887  
Conc: 2.54 ng/ml



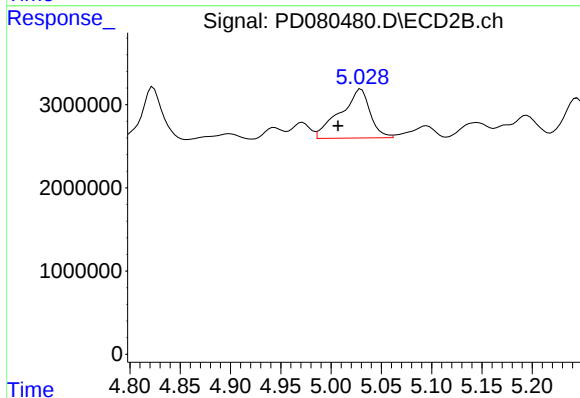
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.377 min  
Response: 0  
Conc: N.D.



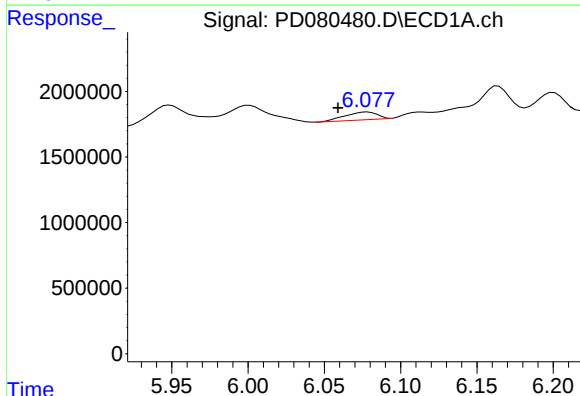
#25 Chlordane-3

R.T.: 6.001 min  
Delta R.T.: 0.024 min  
Response: 2988615  
Conc: 9.90 ng/ml



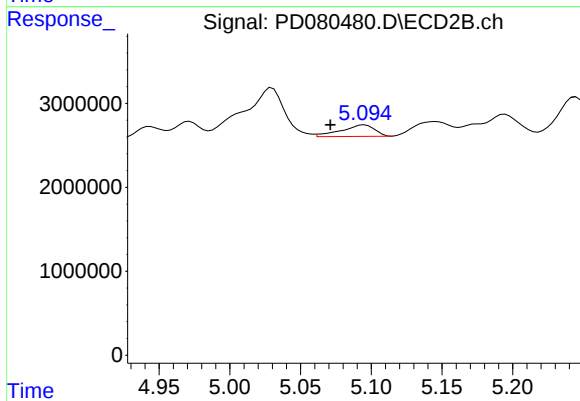
#25 Chlordane-3

R.T.: 5.030 min  
Delta R.T.: 0.023 min  
Response: 12144370  
Conc: 38.55 ng/ml



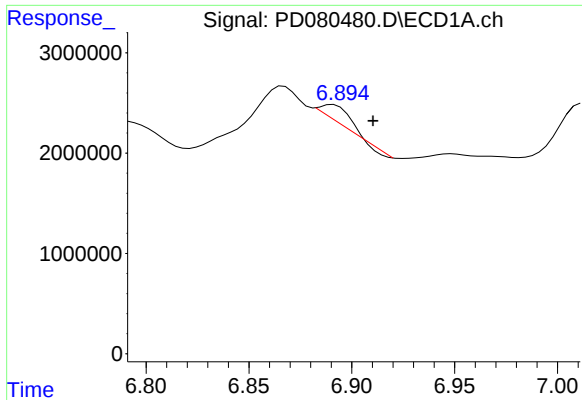
#26 Chlordane-4

R.T.: 6.078 min  
Delta R.T.: 0.019 min  
Response: 853611  
Conc: 2.36 ng/ml



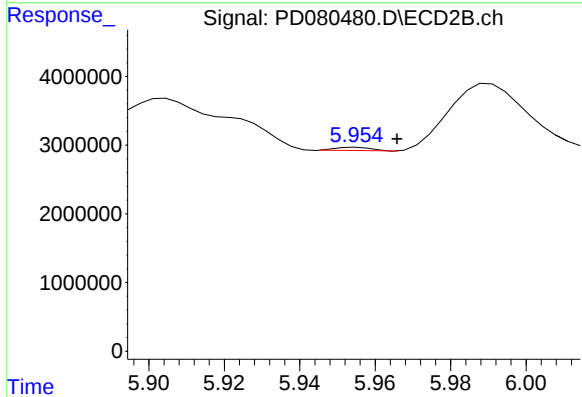
#26 Chlordane-4

R.T.: 5.095 min  
Delta R.T.: 0.024 min  
Response: 2262357  
Conc: 7.69 ng/ml



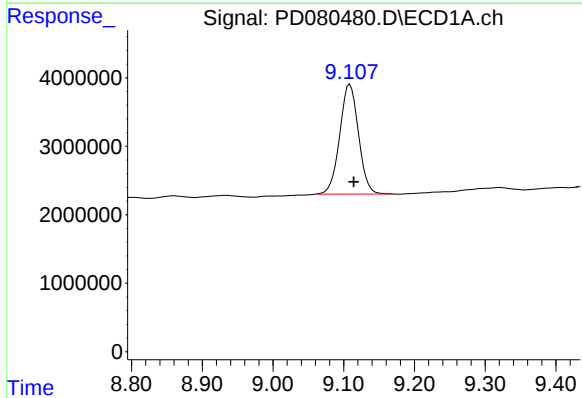
#27 Chlordane-5

R.T.: 6.891 min  
Delta R.T.: -0.019 min  
Response: 668921  
Conc: 9.89 ng/ml



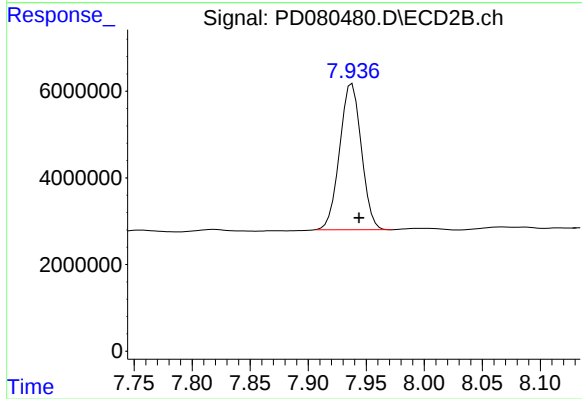
#27 Chlordane-5

R.T.: 5.955 min  
Delta R.T.: -0.010 min  
Response: 307389  
Conc: 2.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.109 min  
Delta R.T.: -0.005 min  
Response: 29534632  
Conc: 14.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.938 min  
Delta R.T.: -0.006 min  
Response: 43849189  
Conc: 15.56 ng/ml