

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091824\  
 Data File : PD085354.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Sep 2024 00:30  
 Operator : AR\AJ  
 Sample : P4016-04  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 19 02:58:15 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082524CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 27 02:47:48 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

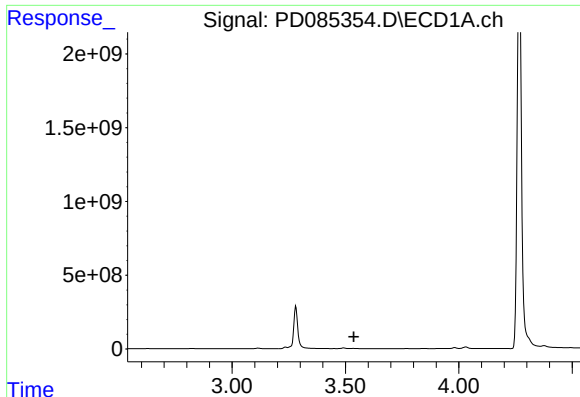
Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|--------|----------|----------|----------|------------|
| -----                       |                 |       |        |          |          |          |            |
| System Monitoring Compounds |                 |       |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.535 | 2.912  | -7909985 | 154.9E6  | N.D.     | 43.781     |
| 27)                         | SA Decachlor... | 9.031 | 8.100  | 15151049 | 39173675 | 11.601   | 11.266     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.982 | 3.411  | 66165334 | 203.2E6  | 38.917   | 40.084     |
| 4)                          | MA Heptachlor   | 4.922 | 4.086  | -520245  | 1038.0E6 | N.D.     | 243.836    |
| 5)                          | MB Aldrin       | 5.261 | 4.417  | 7393776  | 19194410 | 4.623    | 4.322      |
| 6)                          | B beta-BHC      | 4.492 | 4.040  | 10935772 | 26419964 | 15.055   | 12.187     |
| 7)                          | B delta-BHC     | 4.762 | 4.278  | 719.2E6  | 190.5E6  | 438.524  | 38.377 #   |
| 8)                          | B Heptachlo...  | 0.000 | 4.886  | 0        | 205.3E6  | N.D.     | 48.481     |
| 9)                          | A Endosulfan I  | 6.053 | 5.293  | 8887625  | 8899824  | 6.460    | 2.322 #    |
| 10)                         | B trans-Chl...  | 5.956 | 5.149  | 7791716  | 79862673 | 5.525    | 19.416 #   |
| 11)                         | B cis-Chlor...  | 5.994 | 5.216  | 2589007  | 39513120 | 1.751    | 9.418 #    |
| 12)                         | B 4,4'-DDE      | 6.182 | 5.439f | 8821212  | 17069220 | 7.071    | 4.351 #    |
| 13)                         | MA Dieldrin     | 6.326 | 5.530  | 1391764  | 13807393 | 0.944    | 3.214 #    |
| 14)                         | MA Endrin       | 6.557 | 5.813  | 1264761  | 51865383 | 1.121    | 14.009 #   |
| 15)                         | B Endosulfa...  | 6.786 | 6.094  | 17694205 | 9967157  | 13.404   | 2.688 #    |
| 16)                         | A 4,4'-DDD      | 6.683 | 5.953  | 21685771 | 46193849 | 21.964   | 13.612 #   |
| 17)                         | MA 4,4'-DDT     | 7.000 | 6.204  | 7398178  | 48108562 | 8.265    | 15.039 #   |
| 18)                         | B Endrin al...  | 6.903 | 6.307  | 8015820  | -306791  | 8.876    | N.D. #     |
| 19)                         | B Endosulfa...  | 7.155 | 6.550f | 11954240 | -2498485 | 10.377   | N.D. #     |
| 20)                         | A Methoxychlor  | 7.466 | 6.801  | 8715283  | 18901462 | 16.731   | 11.426 #   |
| 21)                         | B Endrin ke...  | 7.584 | 7.027  | 25868243 | 28920046 | 21.158   | 6.568 #    |
| 22)                         | Toxaphene-1     | 5.843 | 5.149  | 1383037  | 79862673 | 328.132  | 3149.936 # |
| 23)                         | Toxaphene-2     | 6.453 | 5.530  | 7143261  | 13807393 | 485.659  | 558.624    |
| 24)                         | Toxaphene-3     | 7.023 | 5.845  | 13555961 | 21356043 | 395.661  | 905.056 #  |
| 25)                         | Toxaphene-4     | 7.155 | 7.167f | 11954240 | 26114493 | 464.580  | 430.372    |
| 26)                         | Toxaphene-5     | 7.899 | 7.364  | 23920168 | 100.8E6  | 1269.704 | 2449.669 # |
| -----                       |                 |       |        |          |          |          |            |

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

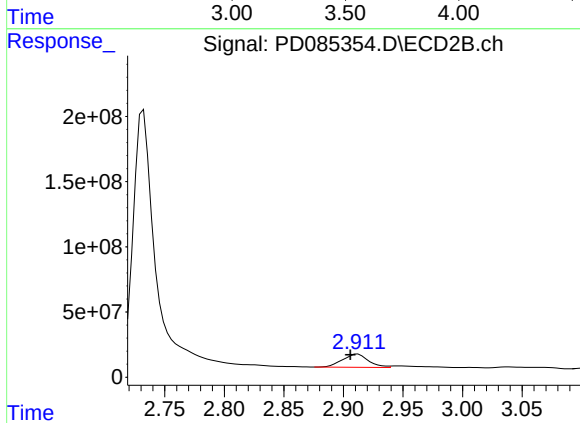
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





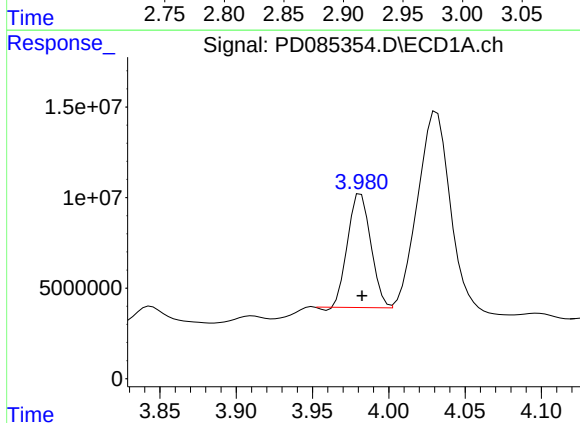
#1 Tetrachloro-m-xylene

R.T.: 3.535 min  
Delta R.T.: -0.002 min  
Response: -7909985  
Conc: N.D.



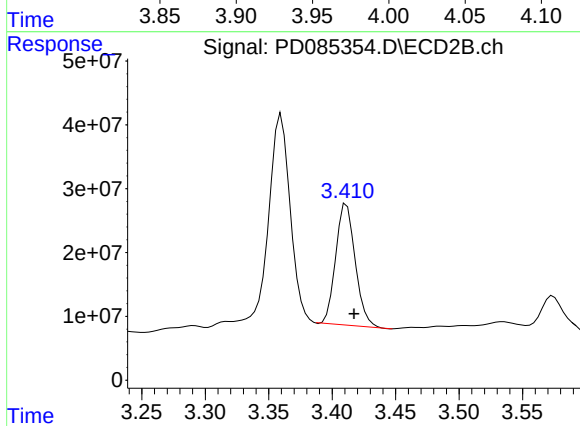
#1 Tetrachloro-m-xylene

R.T.: 2.912 min  
Delta R.T.: 0.006 min  
Response: 154933992  
Conc: 43.78 ng/ml



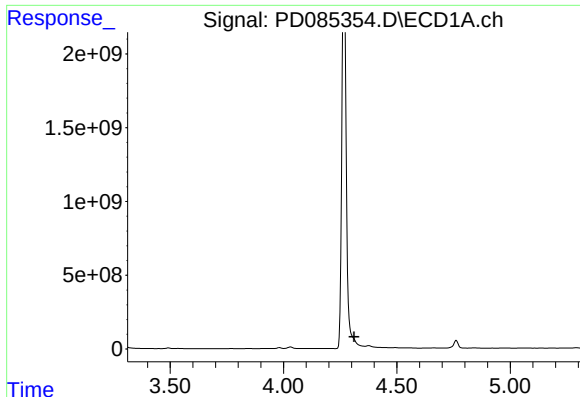
#2 alpha-BHC

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 66165334  
Conc: 38.92 ng/ml



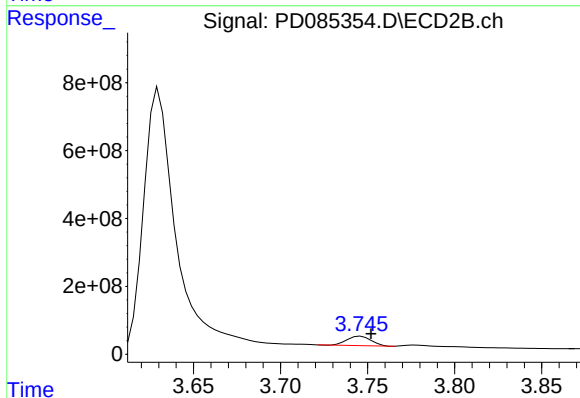
#2 alpha-BHC

R.T.: 3.411 min  
Delta R.T.: -0.006 min  
Response: 203234793  
Conc: 40.08 ng/ml



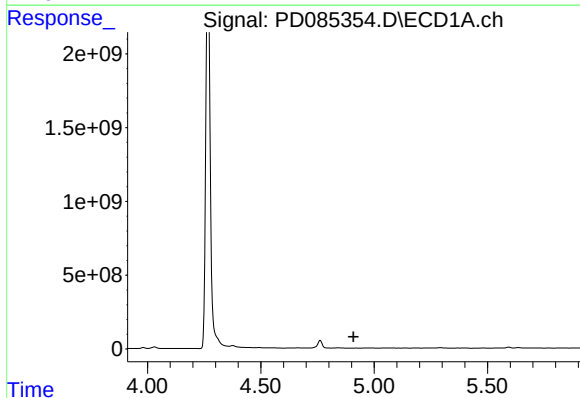
#3 gamma-BHC (Lindane)

R.T.: 4.269 min  
Delta R.T.: -0.043 min  
Response: -1668487530  
Conc: N.D.



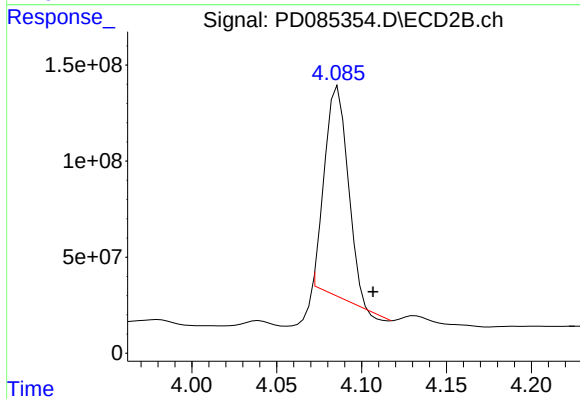
#3 gamma-BHC (Lindane)

R.T.: 3.746 min  
Delta R.T.: -0.006 min  
Response: 266853367  
Conc: 55.07 ng/ml



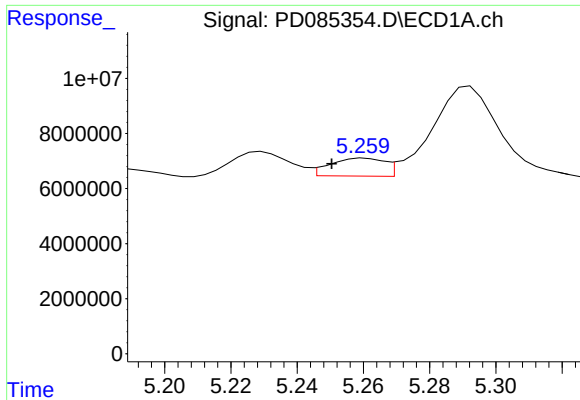
#4 Heptachlor

R.T.: 4.922 min  
Delta R.T.: 0.013 min  
Response: -520245  
Conc: N.D.



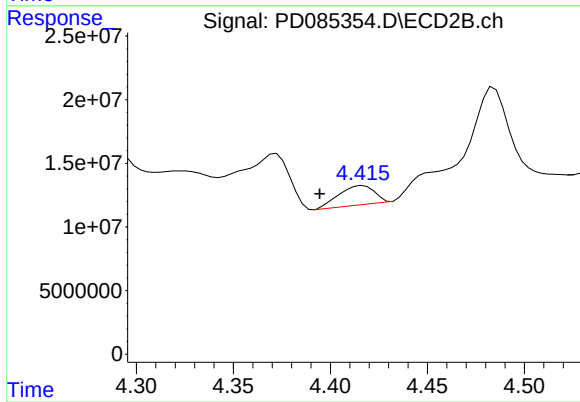
#4 Heptachlor

R.T.: 4.086 min  
Delta R.T.: -0.021 min  
Response: 1038022549  
Conc: 243.84 ng/ml



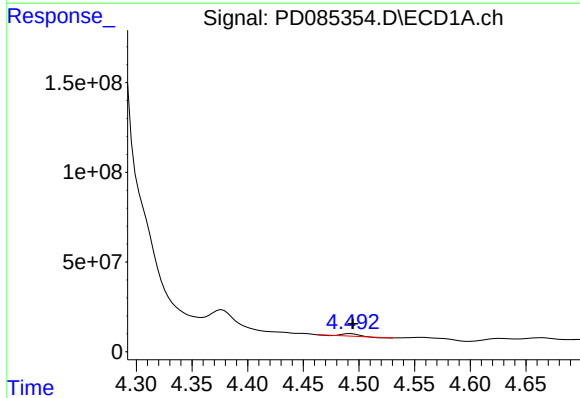
#5 Aldrin

R.T.: 5.261 min  
Delta R.T.: 0.010 min  
Response: 7393776  
Conc: 4.62 ng/ml



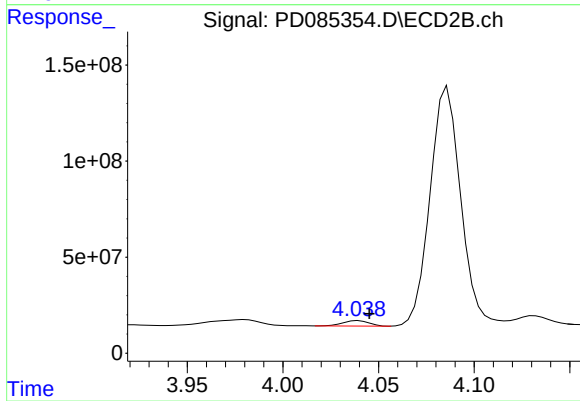
#5 Aldrin

R.T.: 4.417 min  
Delta R.T.: 0.022 min  
Response: 19194410  
Conc: 4.32 ng/ml



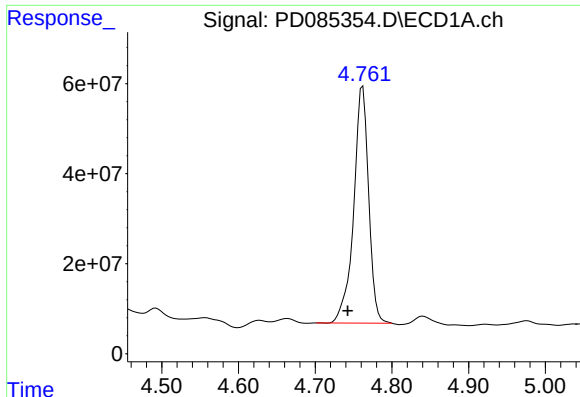
#6 beta-BHC

R.T.: 4.492 min  
Delta R.T.: -0.002 min  
Response: 10935772  
Conc: 15.06 ng/ml



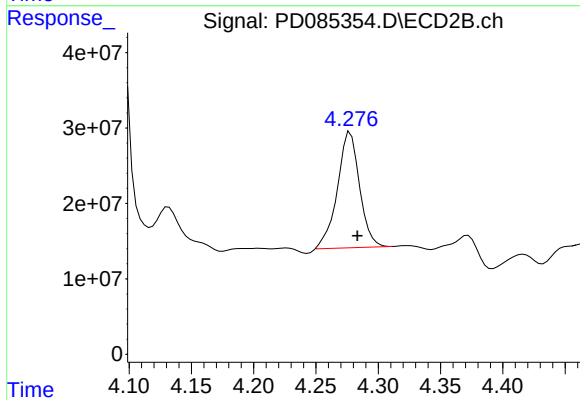
#6 beta-BHC

R.T.: 4.040 min  
Delta R.T.: -0.006 min  
Response: 26419964  
Conc: 12.19 ng/ml



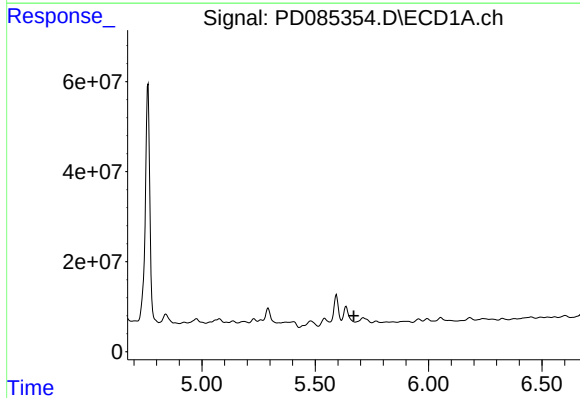
#7 delta-BHC

R.T.: 4.762 min  
Delta R.T.: 0.020 min  
Response: 719181534  
Conc: 438.52 ng/ml



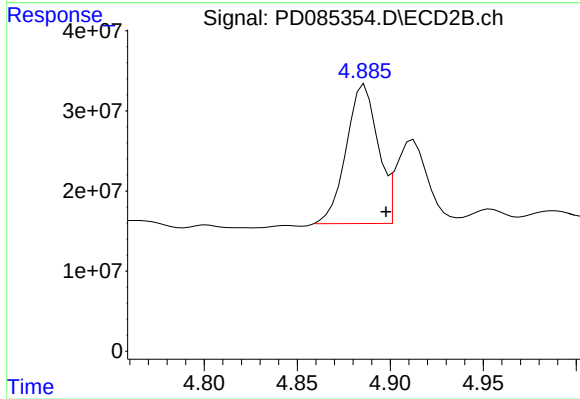
#7 delta-BHC

R.T.: 4.278 min  
Delta R.T.: -0.006 min  
Response: 190506824  
Conc: 38.38 ng/ml



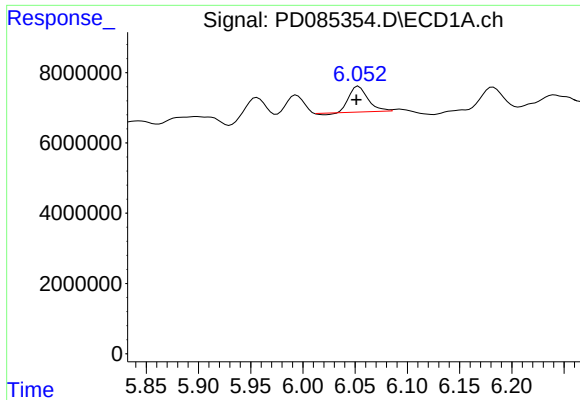
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.670 min  
Response: 0  
Conc: N.D.



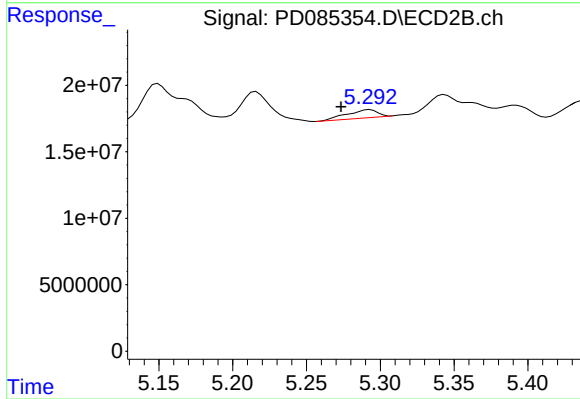
#8 Heptachlor epoxide

R.T.: 4.886 min  
Delta R.T.: -0.011 min  
Response: 205330739  
Conc: 48.48 ng/ml



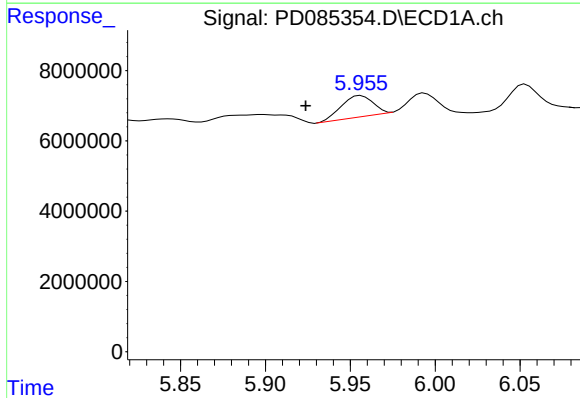
#9 Endosulfan I

R.T.: 6.053 min  
Delta R.T.: 0.002 min  
Response: 8887625  
Conc: 6.46 ng/ml



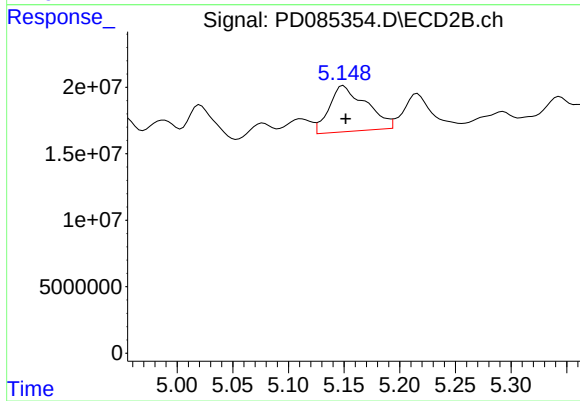
#9 Endosulfan I

R.T.: 5.293 min  
Delta R.T.: 0.020 min  
Response: 8899824  
Conc: 2.32 ng/ml



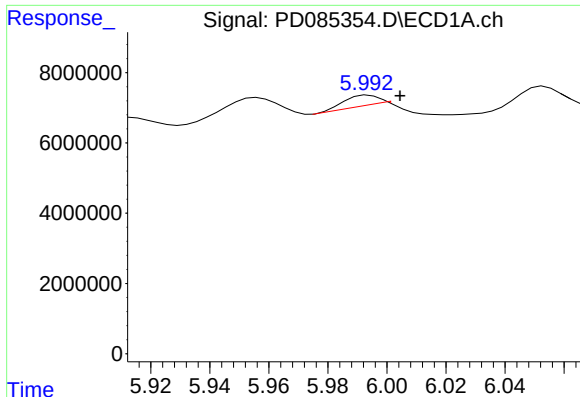
#10 trans-Chlordane

R.T.: 5.956 min  
Delta R.T.: 0.033 min  
Response: 7791716  
Conc: 5.52 ng/ml



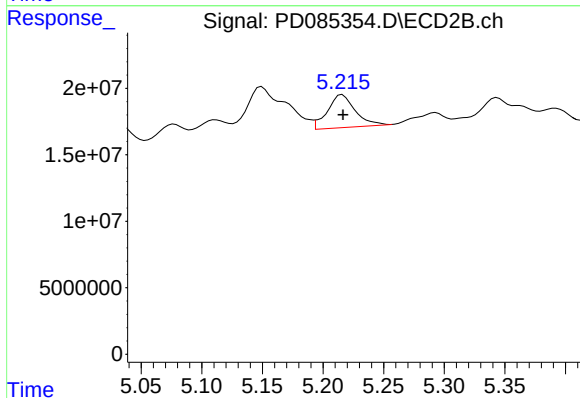
#10 trans-Chlordane

R.T.: 5.149 min  
Delta R.T.: -0.002 min  
Response: 79862673  
Conc: 19.42 ng/ml



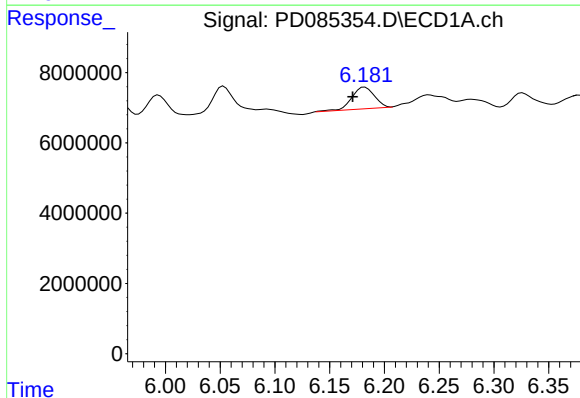
#11 cis-Chlordane

R.T.: 5.994 min  
Delta R.T.: -0.011 min  
Response: 2589007  
Conc: 1.75 ng/ml



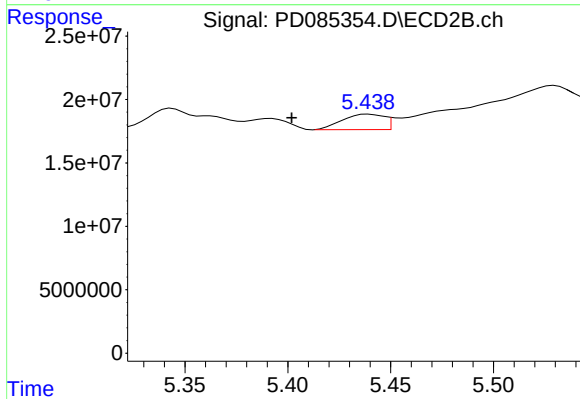
#11 cis-Chlordane

R.T.: 5.216 min  
Delta R.T.: 0.000 min  
Response: 39513120  
Conc: 9.42 ng/ml



#12 4,4'-DDE

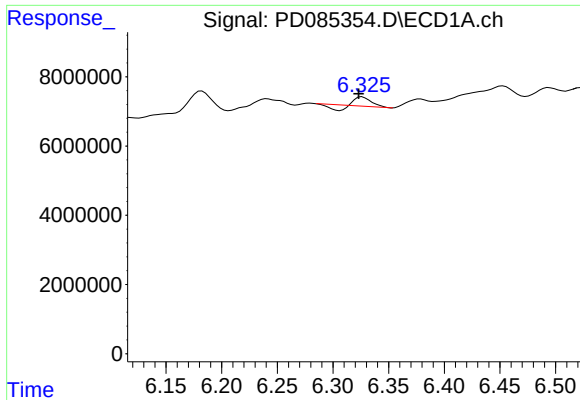
R.T.: 6.182 min  
Delta R.T.: 0.011 min  
Response: 8821212  
Conc: 7.07 ng/ml



#12 4,4'-DDE

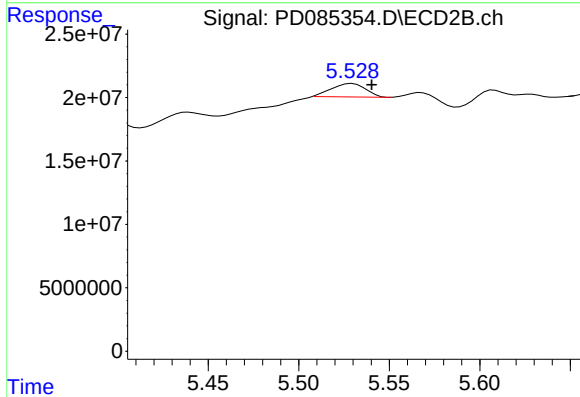
R.T.: 5.439 min  
Delta R.T.: 0.037 min  
Response: 17069220  
Conc: 4.35 ng/ml





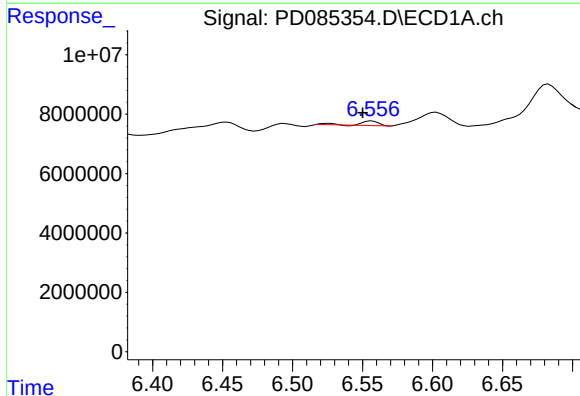
#13 Dieldrin

R.T.: 6.326 min  
Delta R.T.: 0.003 min  
Response: 1391764  
Conc: 0.94 ng/ml



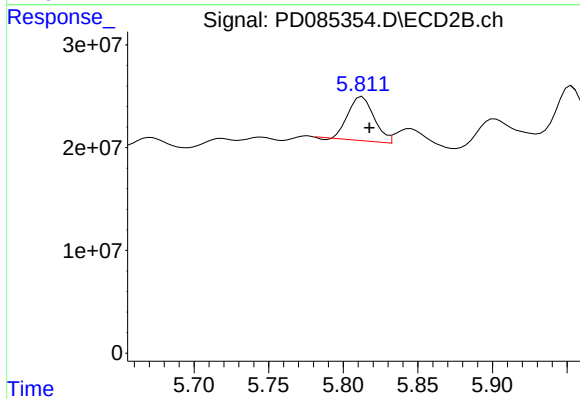
#13 Dieldrin

R.T.: 5.530 min  
Delta R.T.: -0.011 min  
Response: 13807393  
Conc: 3.21 ng/ml



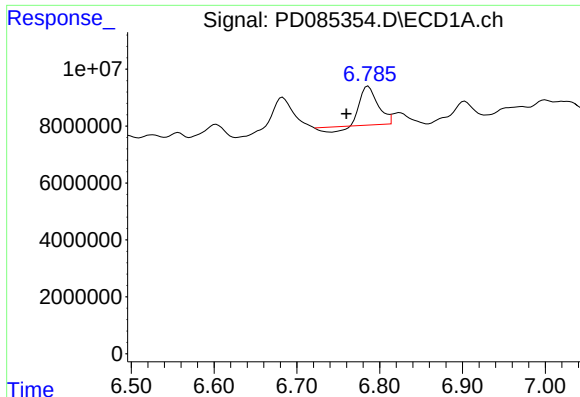
#14 Endrin

R.T.: 6.557 min  
Delta R.T.: 0.007 min  
Response: 1264761  
Conc: 1.12 ng/ml



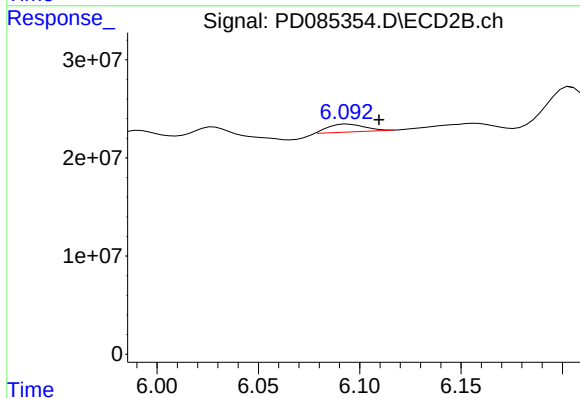
#14 Endrin

R.T.: 5.813 min  
Delta R.T.: -0.005 min  
Response: 51865383  
Conc: 14.01 ng/ml



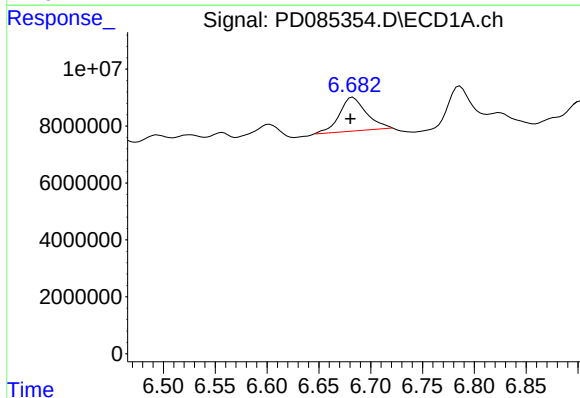
#15 Endosulfan II

R.T.: 6.786 min  
Delta R.T.: 0.026 min  
Response: 17694205  
Conc: 13.40 ng/ml



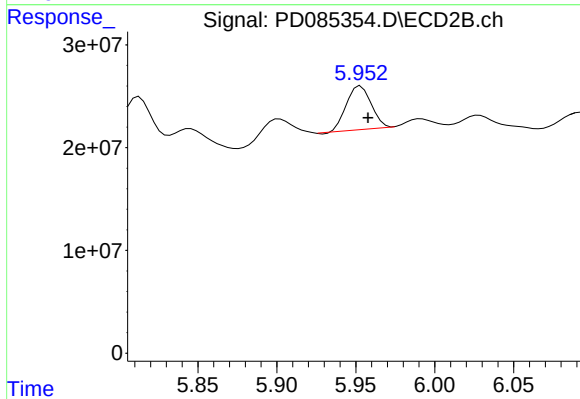
#15 Endosulfan II

R.T.: 6.094 min  
Delta R.T.: -0.016 min  
Response: 9967157  
Conc: 2.69 ng/ml



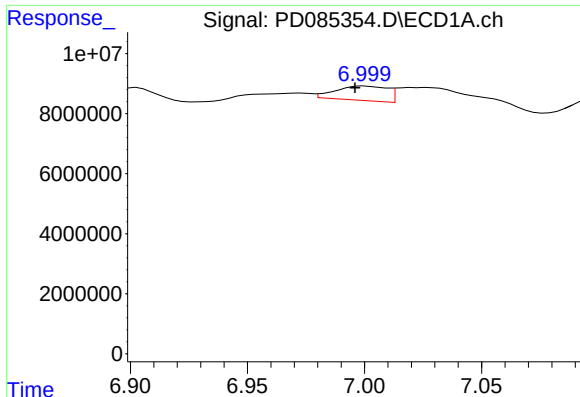
#16 4,4'-DDD

R.T.: 6.683 min  
Delta R.T.: 0.003 min  
Response: 21685771  
Conc: 21.96 ng/ml



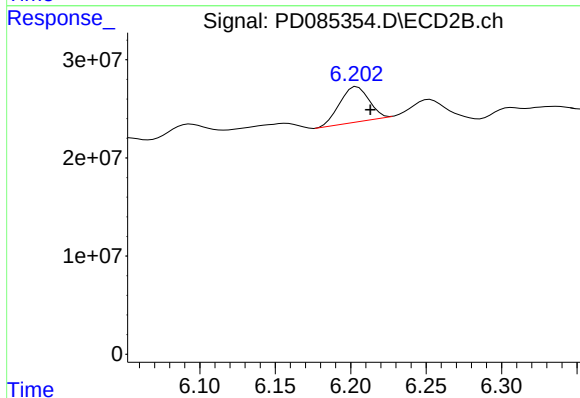
#16 4,4'-DDD

R.T.: 5.953 min  
Delta R.T.: -0.005 min  
Response: 46193849  
Conc: 13.61 ng/ml



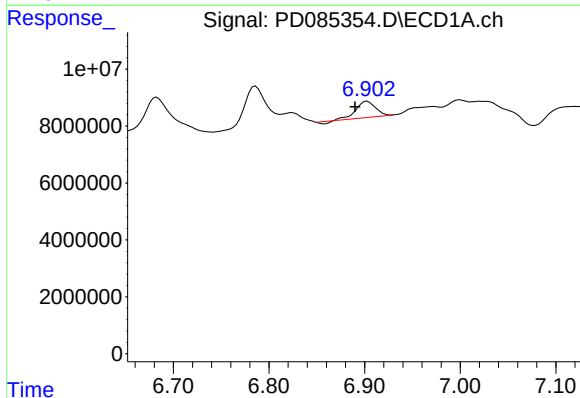
#17 4,4'-DDT

R.T.: 7.000 min  
Delta R.T.: 0.004 min  
Response: 7398178  
Conc: 8.26 ng/ml



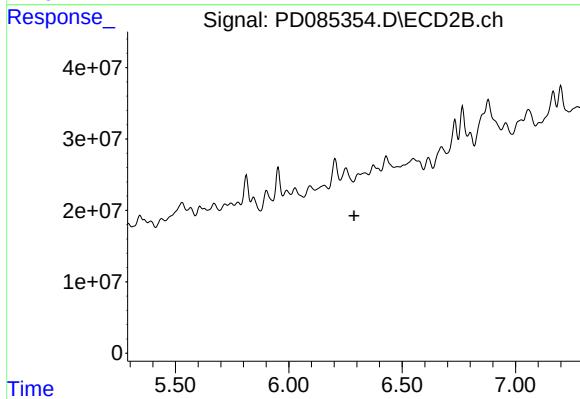
#17 4,4'-DDT

R.T.: 6.204 min  
Delta R.T.: -0.009 min  
Response: 48108562  
Conc: 15.04 ng/ml



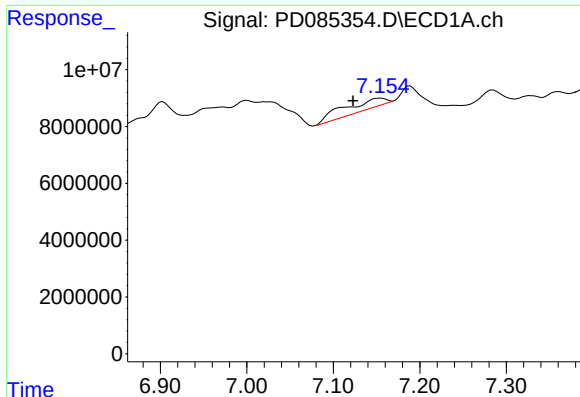
#18 Endrin aldehyde

R.T.: 6.903 min  
Delta R.T.: 0.013 min  
Response: 8015820  
Conc: 8.88 ng/ml



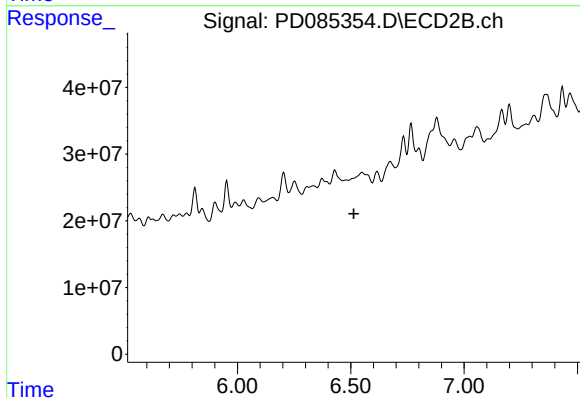
#18 Endrin aldehyde

R.T.: 6.307 min  
Delta R.T.: 0.019 min  
Response: -306791  
Conc: N.D.



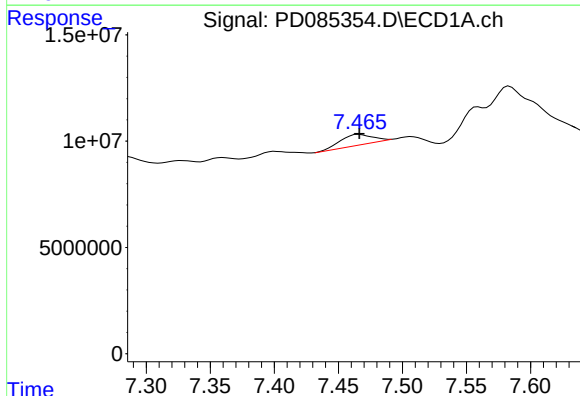
#19 Endosulfan Sulfate

R.T.: 7.155 min  
Delta R.T.: 0.032 min  
Response: 11954240  
Conc: 10.38 ng/ml



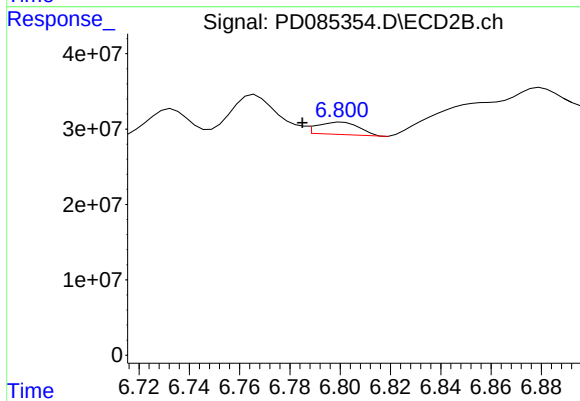
#19 Endosulfan Sulfate

R.T.: 6.550 min  
Delta R.T.: 0.037 min  
Response: -2498485  
Conc: N.D.



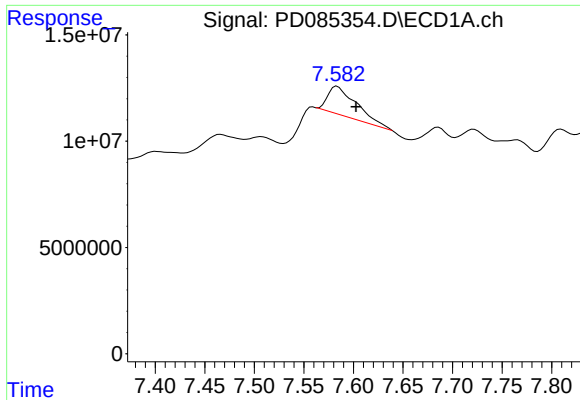
#20 Methoxychlor

R.T.: 7.466 min  
Delta R.T.: 0.000 min  
Response: 8715283  
Conc: 16.73 ng/ml



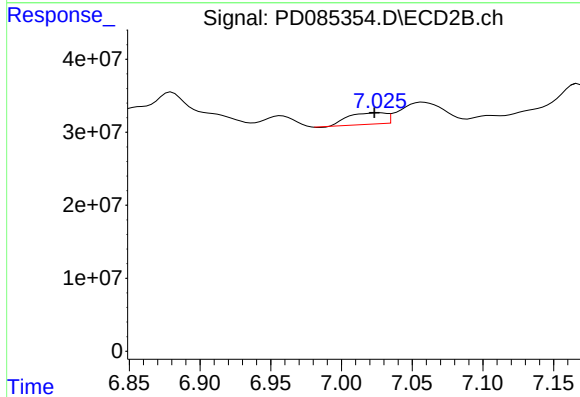
#20 Methoxychlor

R.T.: 6.801 min  
Delta R.T.: 0.016 min  
Response: 18901462  
Conc: 11.43 ng/ml



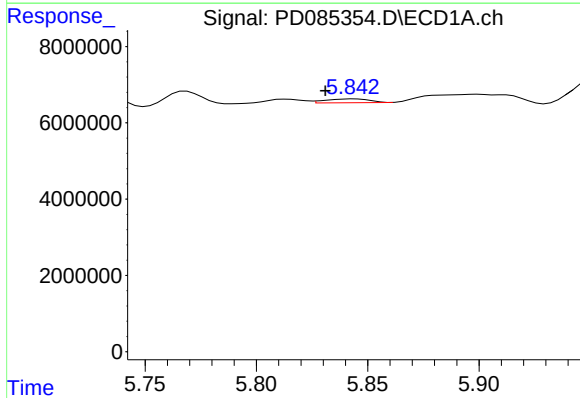
#21 Endrin ketone

R.T.: 7.584 min  
Delta R.T.: -0.019 min  
Response: 25868243  
Conc: 21.16 ng/ml



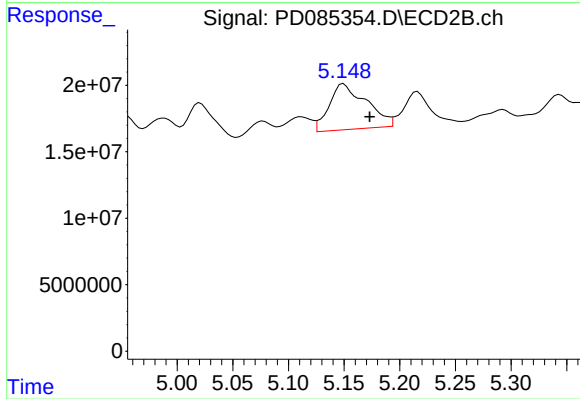
#21 Endrin ketone

R.T.: 7.027 min  
Delta R.T.: 0.003 min  
Response: 28920046  
Conc: 6.57 ng/ml



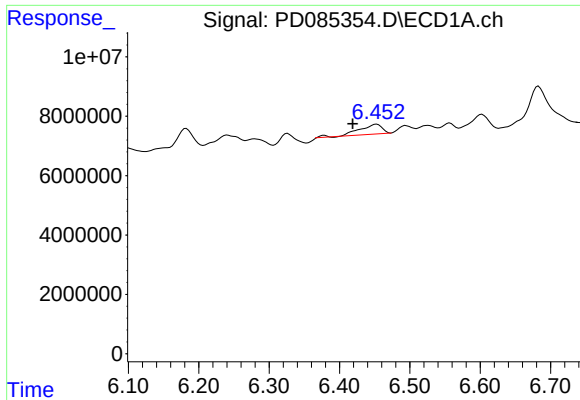
#22 Toxaphene-1

R.T.: 5.843 min  
Delta R.T.: 0.013 min  
Response: 1383037  
Conc: 328.13 ng/ml



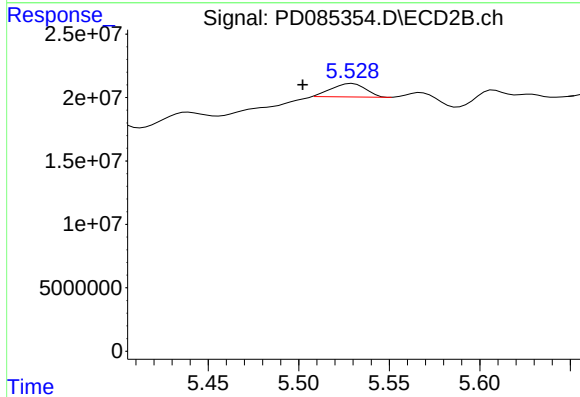
#22 Toxaphene-1

R.T.: 5.149 min  
Delta R.T.: -0.024 min  
Response: 79862673  
Conc: 3149.94 ng/ml



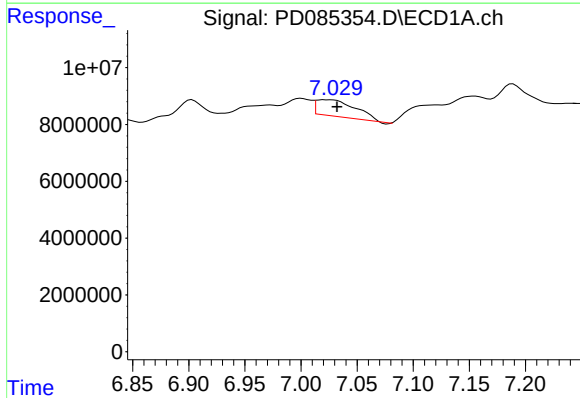
#23 Toxaphene-2

R.T.: 6.453 min  
Delta R.T.: 0.034 min  
Response: 7143261  
Conc: 485.66 ng/ml



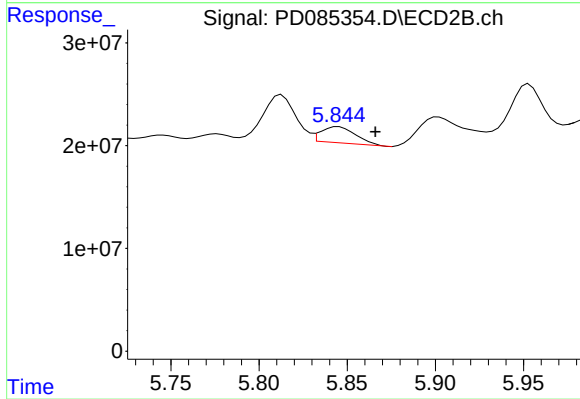
#23 Toxaphene-2

R.T.: 5.530 min  
Delta R.T.: 0.027 min  
Response: 13807393  
Conc: 558.62 ng/ml



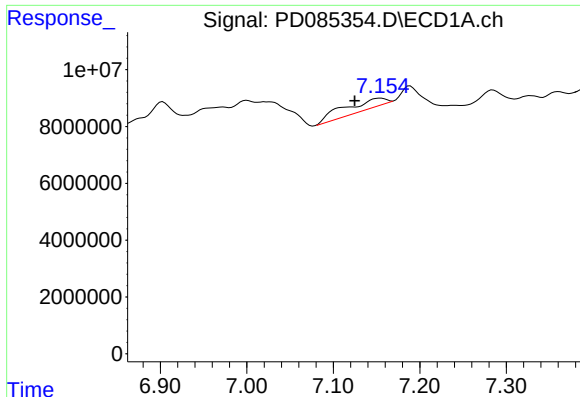
#24 Toxaphene-3

R.T.: 7.023 min  
Delta R.T.: -0.009 min  
Response: 13555961  
Conc: 395.66 ng/ml



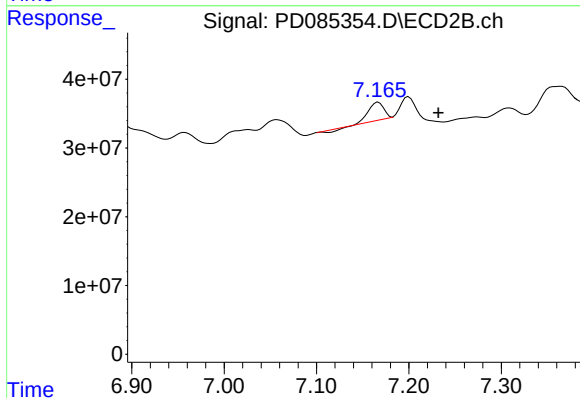
#24 Toxaphene-3

R.T.: 5.845 min  
Delta R.T.: -0.021 min  
Response: 21356043  
Conc: 905.06 ng/ml



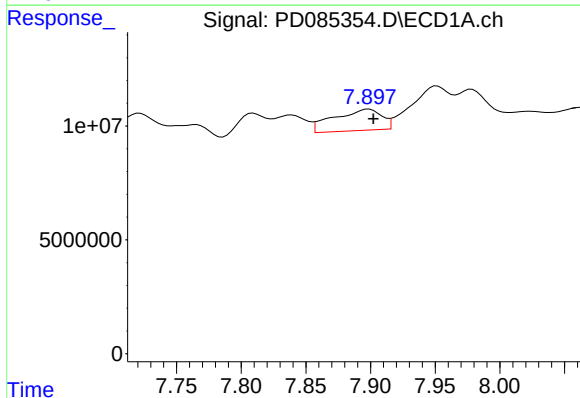
#25 Toxaphene-4

R.T.: 7.155 min  
Delta R.T.: 0.030 min  
Response: 11954240  
Conc: 464.58 ng/ml



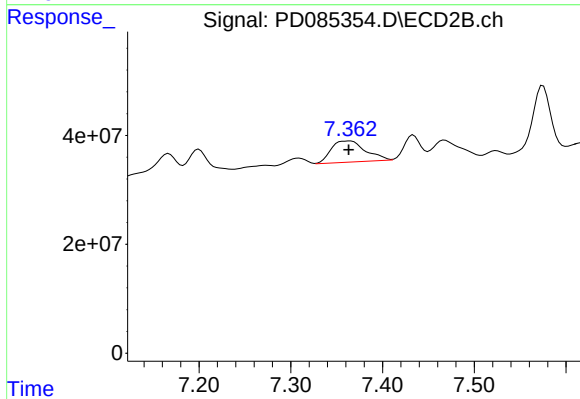
#25 Toxaphene-4

R.T.: 7.167 min  
Delta R.T.: -0.065 min  
Response: 26114493  
Conc: 430.37 ng/ml



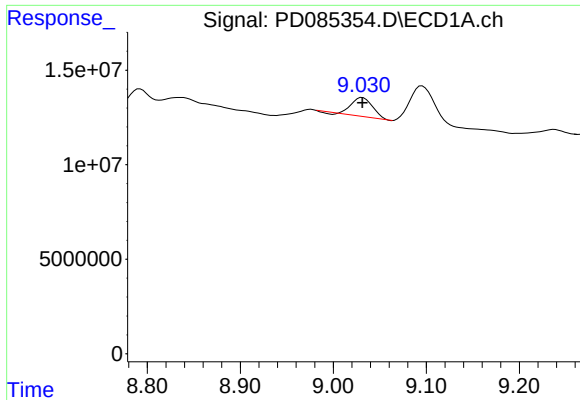
#26 Toxaphene-5

R.T.: 7.899 min  
Delta R.T.: -0.004 min  
Response: 23920168  
Conc: 1269.70 ng/ml



#26 Toxaphene-5

R.T.: 7.364 min  
Delta R.T.: 0.001 min  
Response: 100765282  
Conc: 2449.67 ng/ml



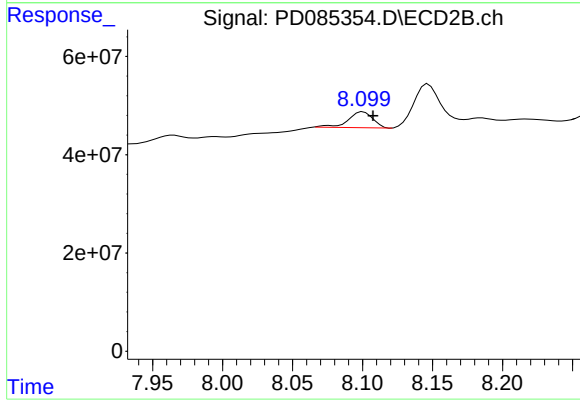
#27 Decachlorobiphenyl

R.T.: 9.031 min

Delta R.T.: 0.000 min

Response: 15151049

Conc: 11.60 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.100 min

Delta R.T.: -0.007 min

Response: 39173675

Conc: 11.27 ng/ml