

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091924\  
 Data File : PD085396.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Sep 2024 01:07  
 Operator : AR\AJ  
 Sample : P3899-05DL 2X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 20 06:03:30 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091924CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 20 05:48:22 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

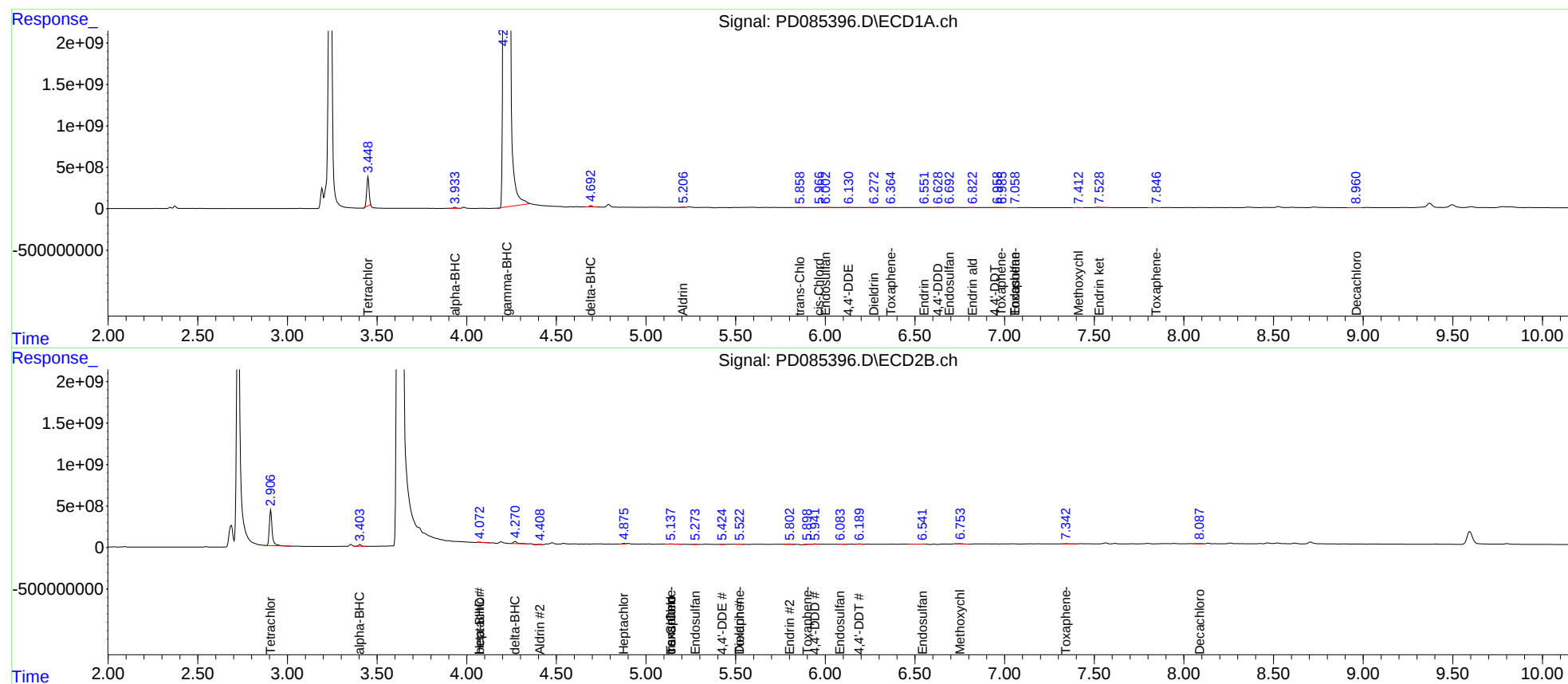
|                             | Compound        | RT#1   | RT#2   | Resp#1    | Resp#2   | ng/ml     | ng/ml      |
|-----------------------------|-----------------|--------|--------|-----------|----------|-----------|------------|
| -----                       |                 |        |        |           |          |           |            |
| System Monitoring Compounds |                 |        |        |           |          |           |            |
| 1)                          | SA Tetrachlo... | 3.450f | 2.907  | 3136.7E6  | 4693.7E6 | 2590.197  | 1241.774 # |
| 27)                         | SA Decachlor... | 8.961  | 8.088  | 10191365  | 8370326  | 6.213     | 3.131 #    |
| Target Compounds            |                 |        |        |           |          |           |            |
| 2)                          | A alpha-BHC     | 3.935  | 3.405  | 140.8E6   | 195.5E6  | 59.575    | 35.403 #   |
| 3)                          | MA gamma-BHC... | 4.218f | 0.000  | 64364.1E6 | 0        | 25726.773 | N.D. #     |
| 4)                          | MA Heptachlor   | 4.872  | 4.071  | -3947315  | 84071868 | N.D.      | 17.711     |
| 5)                          | MB Aldrin       | 5.208  | 4.409f | 22790638  | 3008816  | 10.500    | 0.594 #    |
| 6)                          | B beta-BHC      | 0.000  | 4.071f | 0         | 84071868 | N.D.      | 36.152     |
| 7)                          | B delta-BHC     | 4.693  | 4.271  | 168.3E6   | 425.5E6  | 73.826    | 80.783     |
| 8)                          | B Heptachlo...  | 5.661f | 4.877  | -22026502 | 102.4E6  | N.D.      | 22.053     |
| 9)                          | A Endosulfan I  | 6.003  | 5.275  | 26718490  | 11780642 | 15.075    | 2.867 #    |
| 10)                         | B trans-Chl...  | 5.859  | 5.138  | 8803214   | 79155517 | 4.625     | 17.492 #   |
| 11)                         | B cis-Chlor...  | 5.967  | 5.138f | 1041730   | 79155517 | 0.520     | 17.063 #   |
| 12)                         | B 4,4'-DDE      | 6.132  | 5.425f | 17315522  | 7197012  | 9.905     | 1.680 #    |
| 13)                         | MA Dieldrin     | 6.273  | 5.522  | 1385066   | 22097794 | 0.716     | 4.747 #    |
| 14)                         | MA Endrin       | 6.552f | 5.803  | 6665443   | 98133921 | 4.146     | 23.660 #   |
| 15)                         | B Endosulfa...  | 6.693  | 6.085  | 2269212   | 20159219 | 1.238     | 5.448 #    |
| 16)                         | A 4,4'-DDD      | 6.629  | 5.942  | 55821868  | 55390371 | 42.368    | 16.540 #   |
| 17)                         | MA 4,4'-DDT     | 6.946  | 6.191  | 4159784   | 60229936 | 3.412     | 19.015 #   |
| 19)                         | B Endosulfa...  | 7.060  | 6.542f | 4442140   | 12790575 | 2.942     | 3.724 #    |
| 20)                         | A Methoxychlor  | 7.412  | 6.754  | 13528917  | 10375165 | 18.491    | 6.393 #    |
| 21)                         | B Endrin ke...  | 7.529  | 6.994  | 15161974  | -233081  | 9.484     | N.D. #     |
| 22)                         | Toxaphene-1     | 5.819f | 5.138f | -7024491  | 79155517 | N.D.      | 3206.727   |
| 23)                         | Toxaphene-2     | 6.366  | 5.522  | 2889935   | 22097794 | 165.423   | 908.968 #  |
| 24)                         | Toxaphene-3     | 6.984  | 5.899  | 31231825  | 39283446 | 732.719   | 1657.031 # |
| 25)                         | Toxaphene-4     | 7.060  | 0.000  | 4442140   | 0        | 140.867   | N.D. #     |
| 26)                         | Toxaphene-5     | 7.848  | 7.343  | 17851310  | 62764969 | 775.129   | 1989.347 # |
| -----                       |                 |        |        |           |          |           |            |

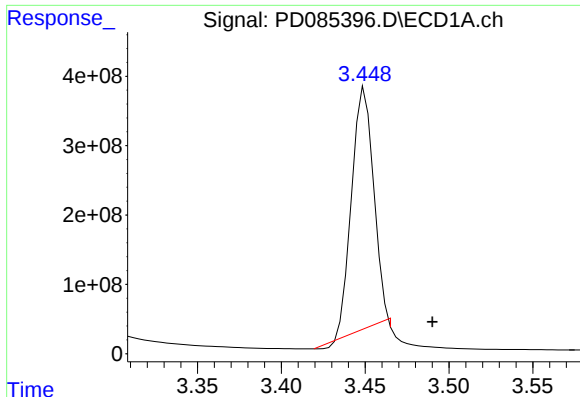
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091924\  
Data File : PD085396.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Sep 2024 01:07  
Operator : AR\AJ  
Sample : P3899-05DL 2X  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 20 06:03:30 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091924CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 20 05:48:22 2024  
Response via : Initial Calibration  
Integrator: ChemStation

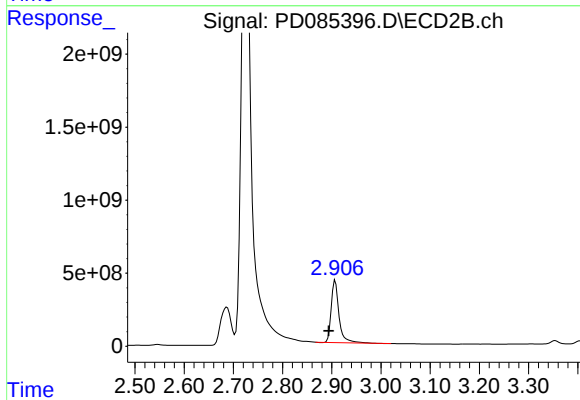
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





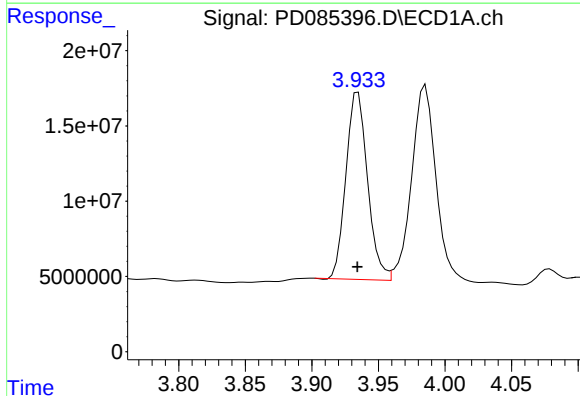
#1 Tetrachloro-m-xylene

R.T.: 3.450 min  
Delta R.T.: -0.040 min  
Response: 3136674261  
Conc: 2590.20 ng/ml



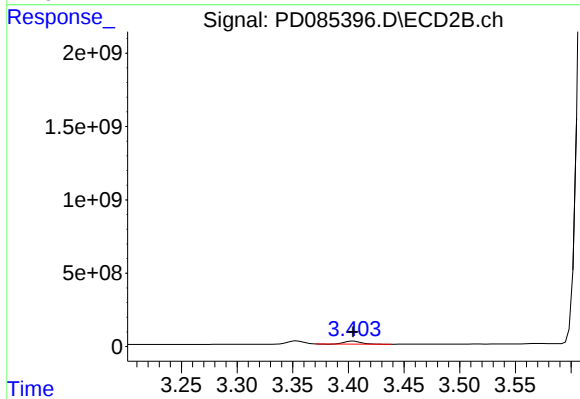
#1 Tetrachloro-m-xylene

R.T.: 2.907 min  
Delta R.T.: 0.013 min  
Response: 4693725378  
Conc: 1241.77 ng/ml



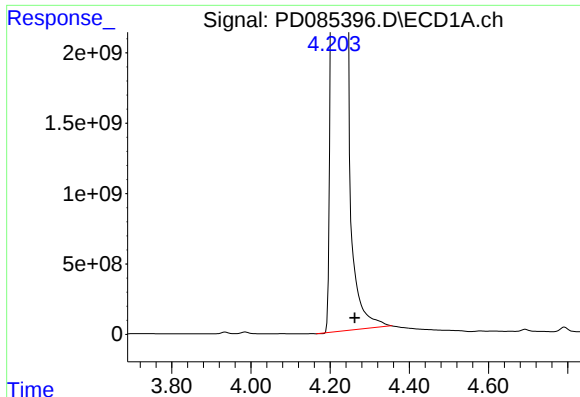
#2 alpha-BHC

R.T.: 3.935 min  
Delta R.T.: 0.000 min  
Response: 140756892  
Conc: 59.57 ng/ml



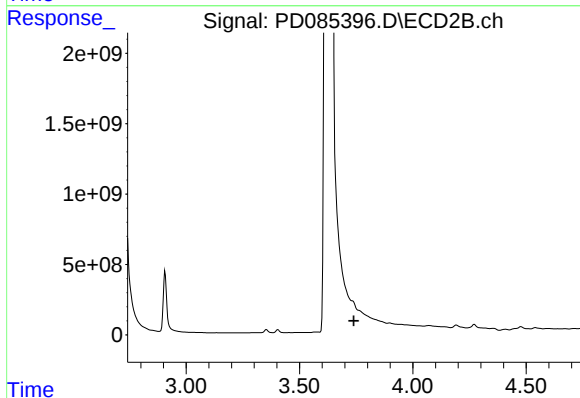
#2 alpha-BHC

R.T.: 3.405 min  
Delta R.T.: 0.000 min  
Response: 195497928  
Conc: 35.40 ng/ml



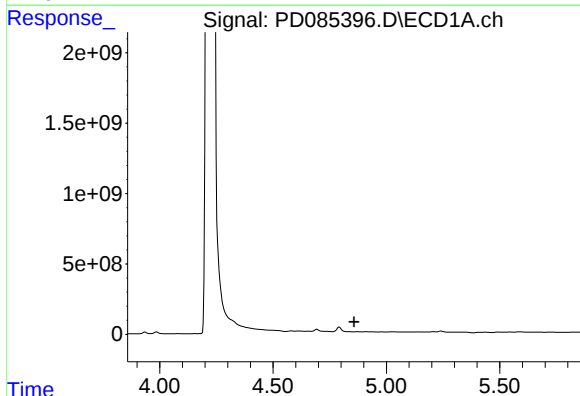
#3 gamma-BHC (Lindane)

R.T.: 4.218 min  
Delta R.T.: -0.044 min  
Response: 64364123886  
Conc: 25726.77 ng/ml



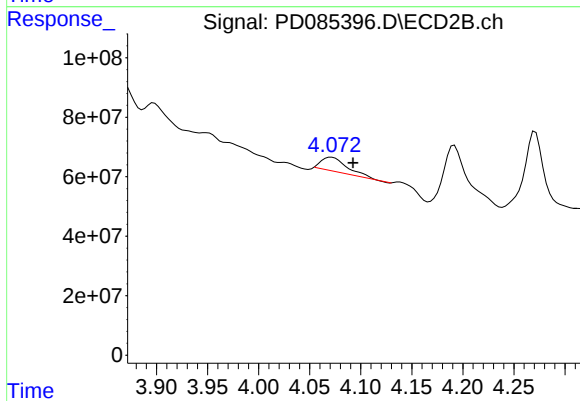
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T.: 3.739 min  
Response: 0  
Conc: N.D.



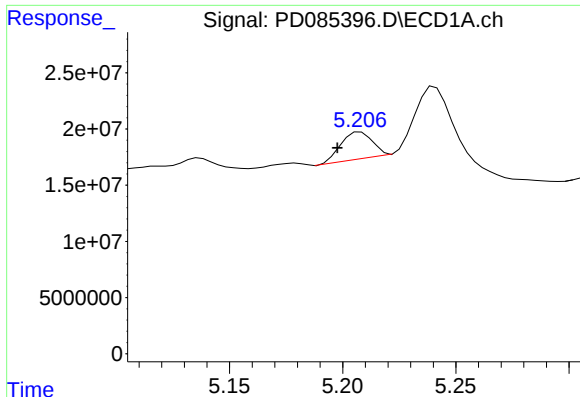
#4 Heptachlor

R.T.: 4.872 min  
Delta R.T.: 0.015 min  
Response: -3947315  
Conc: N.D.



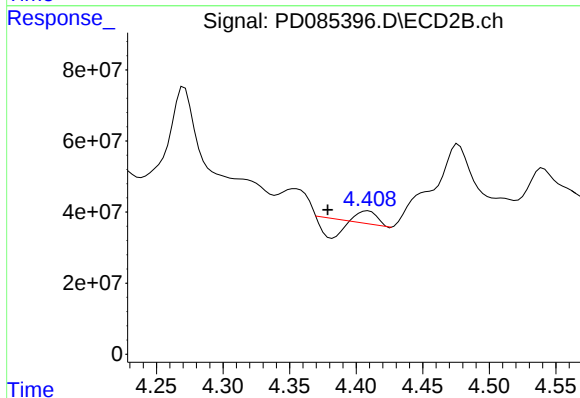
#4 Heptachlor

R.T.: 4.071 min  
Delta R.T.: -0.021 min  
Response: 84071868  
Conc: 17.71 ng/ml



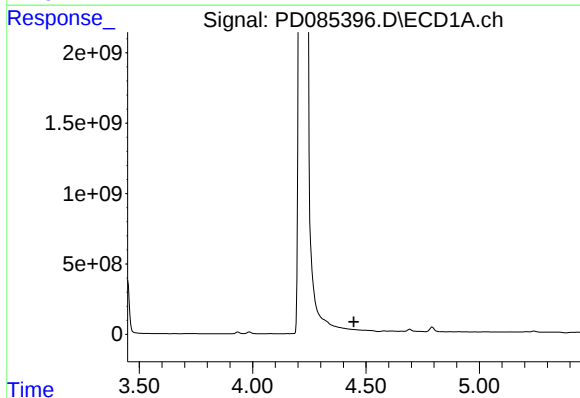
#5 Aldrin

R.T.: 5.208 min  
Delta R.T.: 0.010 min  
Response: 22790638  
Conc: 10.50 ng/ml



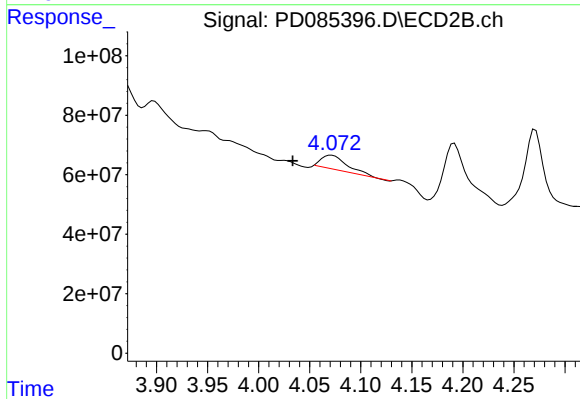
#5 Aldrin

R.T.: 4.409 min  
Delta R.T.: 0.030 min  
Response: 3008816  
Conc: 0.59 ng/ml



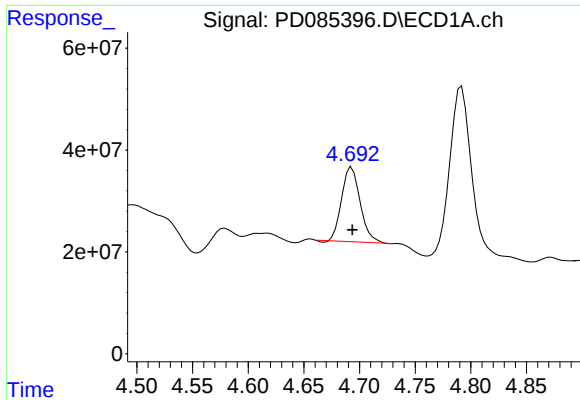
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.447 min  
Response: 0  
Conc: N.D.



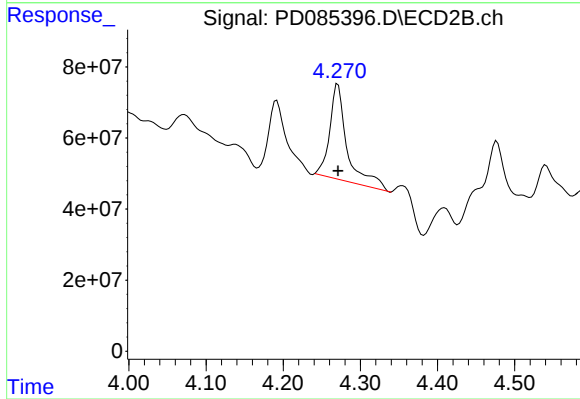
#6 beta-BHC

R.T.: 4.071 min  
Delta R.T.: 0.038 min  
Response: 84071868  
Conc: 36.15 ng/ml



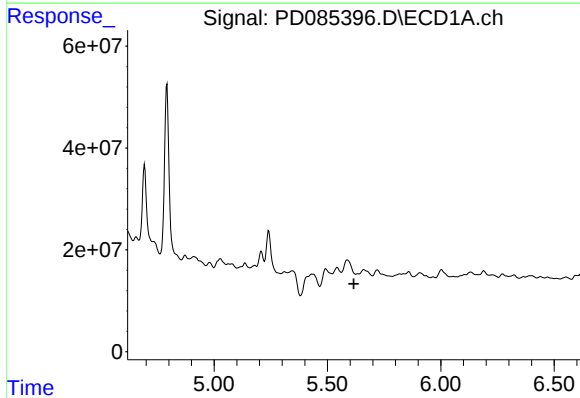
#7 delta-BHC

R.T.: 4.693 min  
Delta R.T.: 0.000 min  
Response: 168295219  
Conc: 73.83 ng/ml



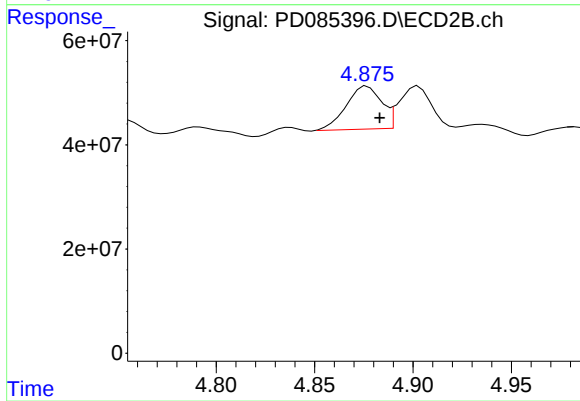
#7 delta-BHC

R.T.: 4.271 min  
Delta R.T.: 0.000 min  
Response: 425532037  
Conc: 80.78 ng/ml



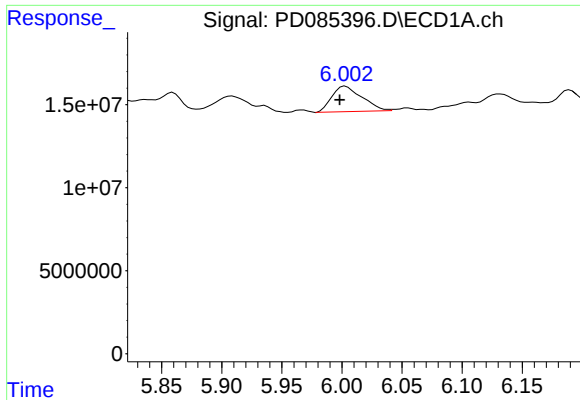
#8 Heptachlor epoxide

R.T.: 5.661 min  
Delta R.T.: 0.045 min  
Response: -22026502  
Conc: N.D.



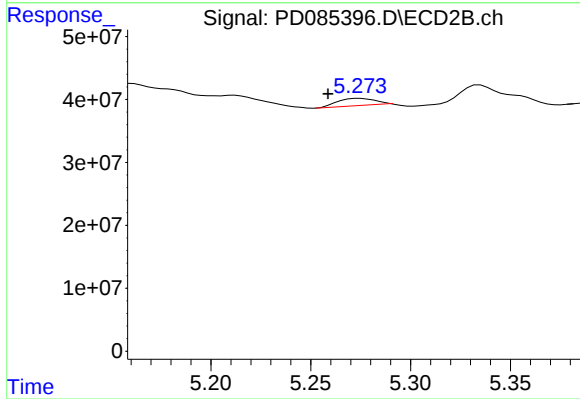
#8 Heptachlor epoxide

R.T.: 4.877 min  
Delta R.T.: -0.006 min  
Response: 102375029  
Conc: 22.05 ng/ml



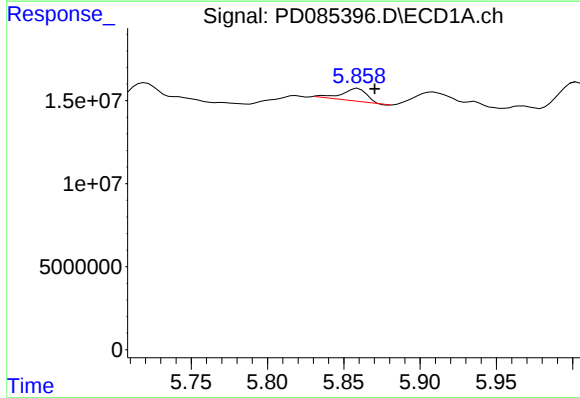
#9 Endosulfan I

R.T.: 6.003 min  
Delta R.T.: 0.005 min  
Response: 26718490  
Conc: 15.08 ng/ml



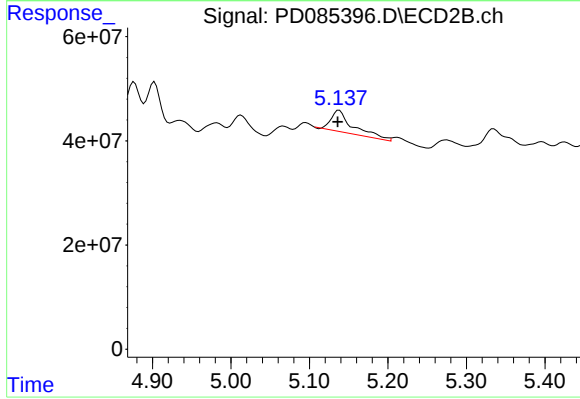
#9 Endosulfan I

R.T.: 5.275 min  
Delta R.T.: 0.016 min  
Response: 11780642  
Conc: 2.87 ng/ml



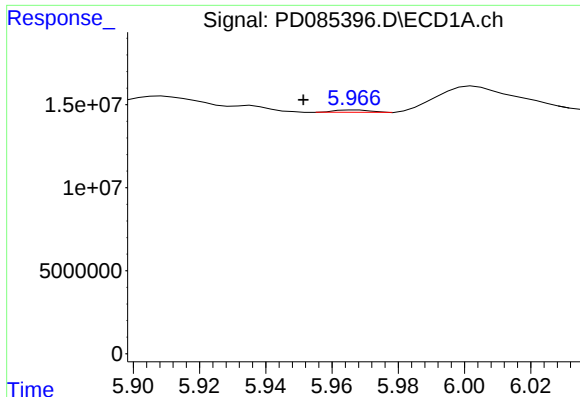
#10 trans-Chlordane

R.T.: 5.859 min  
Delta R.T.: -0.011 min  
Response: 8803214  
Conc: 4.63 ng/ml



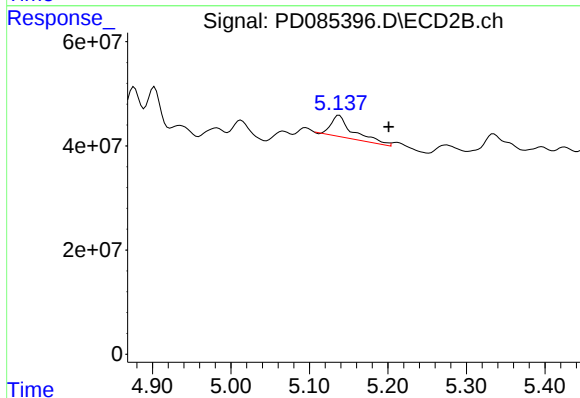
#10 trans-Chlordane

R.T.: 5.138 min  
Delta R.T.: 0.002 min  
Response: 79155517  
Conc: 17.49 ng/ml



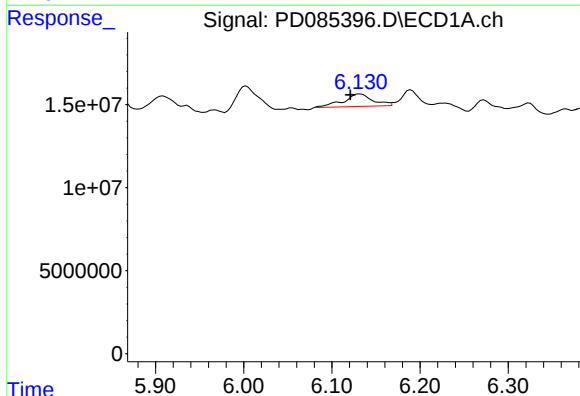
#11 cis-Chlordane

R.T.: 5.967 min  
Delta R.T.: 0.016 min  
Response: 1041730  
Conc: 0.52 ng/ml



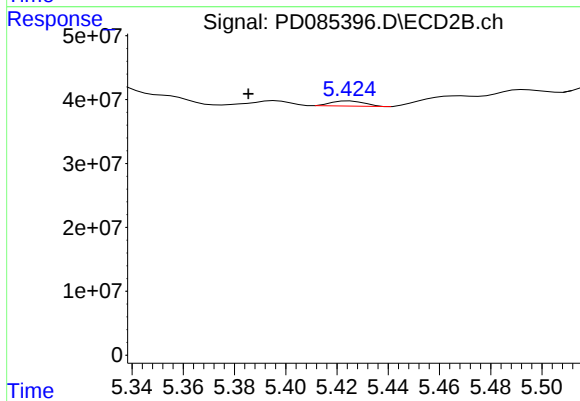
#11 cis-Chlordane

R.T.: 5.138 min  
Delta R.T.: -0.063 min  
Response: 79155517  
Conc: 17.06 ng/ml



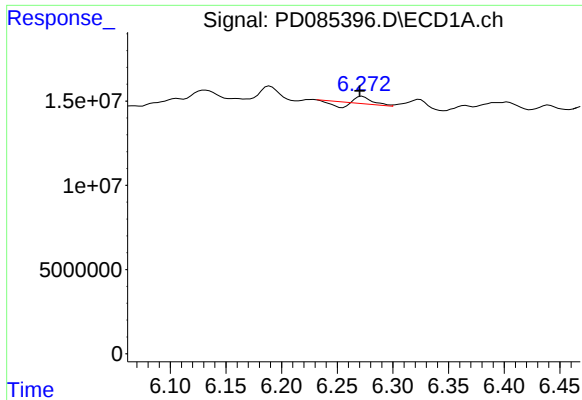
#12 4,4'-DDE

R.T.: 6.132 min  
Delta R.T.: 0.011 min  
Response: 17315522  
Conc: 9.91 ng/ml



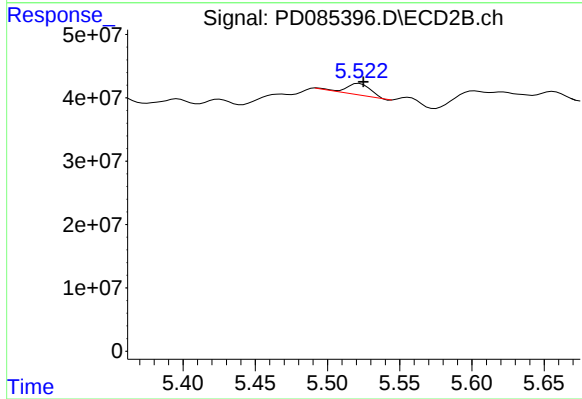
#12 4,4'-DDE

R.T.: 5.425 min  
Delta R.T.: 0.040 min  
Response: 7197012  
Conc: 1.68 ng/ml



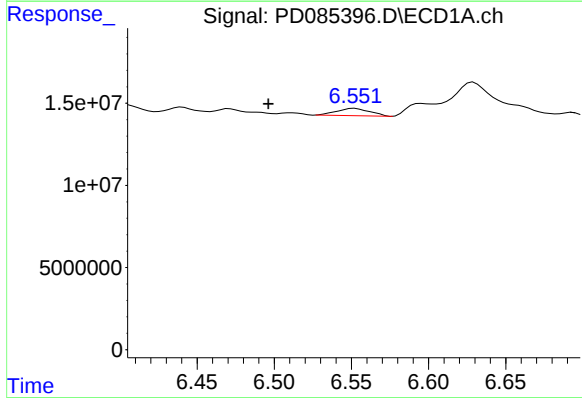
#13 Dieldrin

R.T.: 6.273 min  
Delta R.T.: 0.003 min  
Response: 1385066  
Conc: 0.72 ng/ml



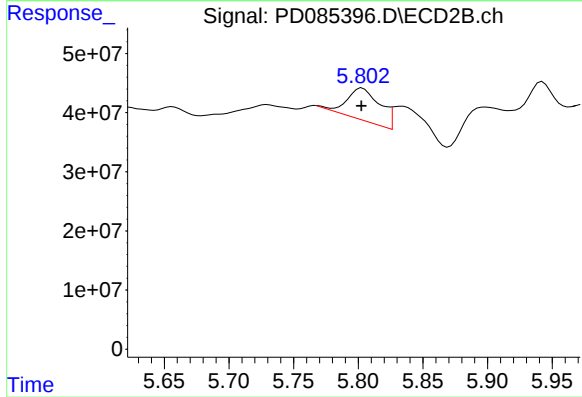
#13 Dieldrin

R.T.: 5.522 min  
Delta R.T.: -0.003 min  
Response: 22097794  
Conc: 4.75 ng/ml



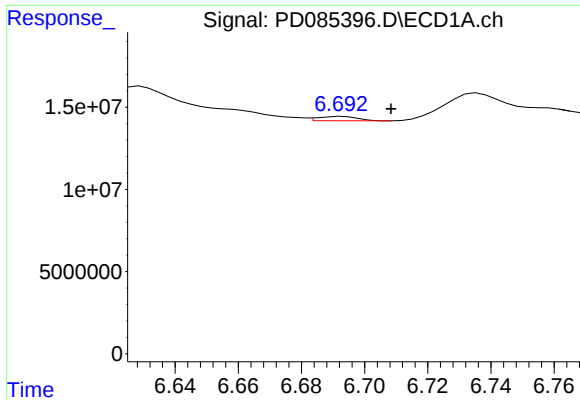
#14 Endrin

R.T.: 6.552 min  
Delta R.T.: 0.056 min  
Response: 6665443  
Conc: 4.15 ng/ml



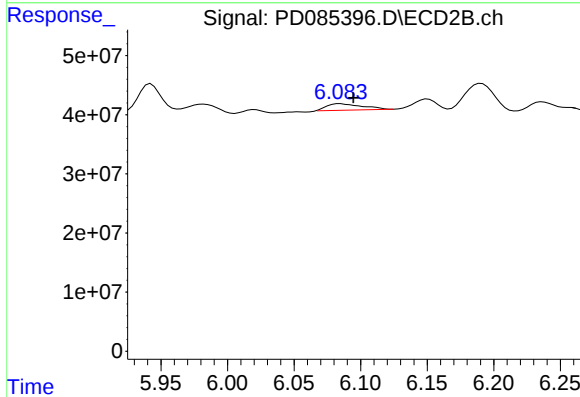
#14 Endrin

R.T.: 5.803 min  
Delta R.T.: 0.000 min  
Response: 98133921  
Conc: 23.66 ng/ml



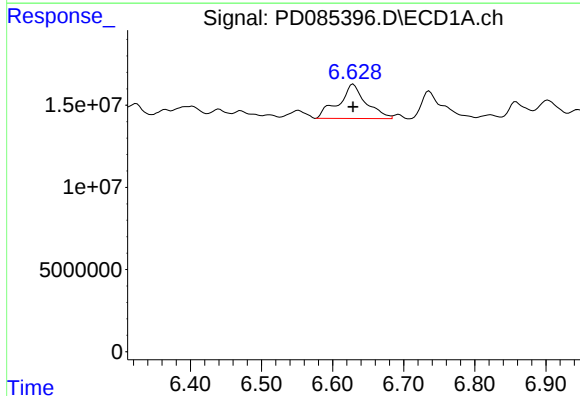
#15 Endosulfan II

R.T.: 6.693 min  
Delta R.T.: -0.016 min  
Response: 2269212  
Conc: 1.24 ng/ml



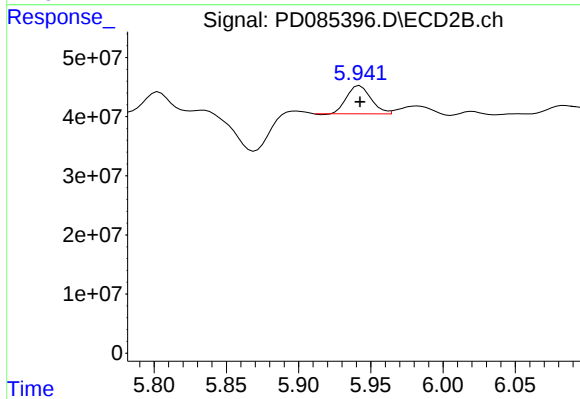
#15 Endosulfan II

R.T.: 6.085 min  
Delta R.T.: -0.010 min  
Response: 20159219  
Conc: 5.45 ng/ml



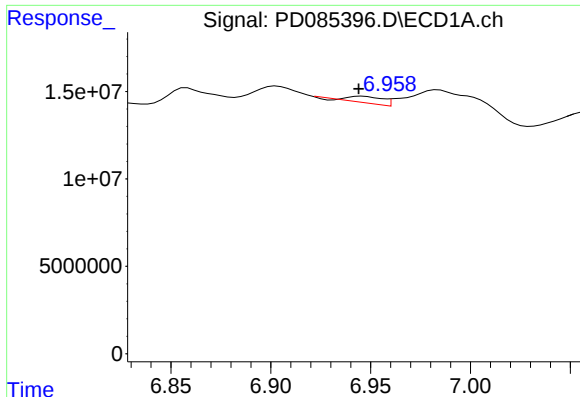
#16 4,4'-DDD

R.T.: 6.629 min  
Delta R.T.: 0.000 min  
Response: 55821868  
Conc: 42.37 ng/ml



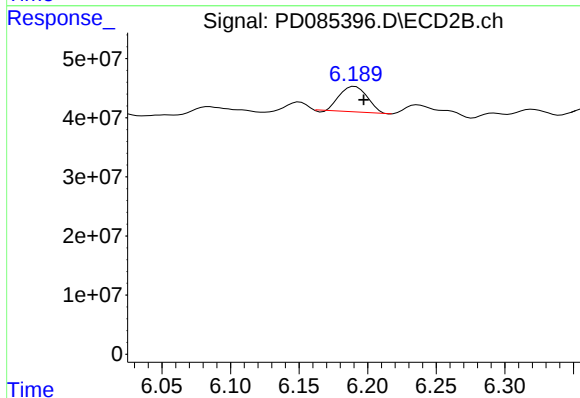
#16 4,4'-DDD

R.T.: 5.942 min  
Delta R.T.: 0.000 min  
Response: 55390371  
Conc: 16.54 ng/ml



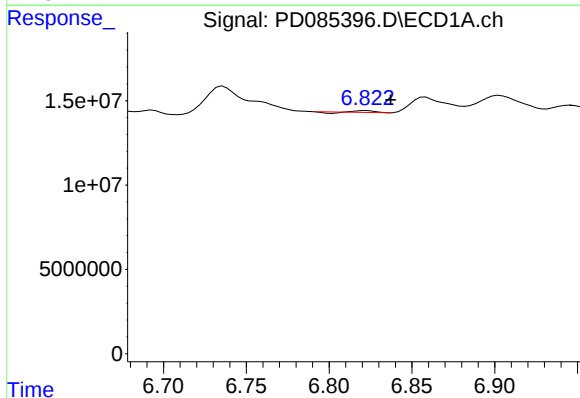
#17 4,4'-DDT

R.T.: 6.946 min  
Delta R.T.: 0.002 min  
Response: 4159784  
Conc: 3.41 ng/ml



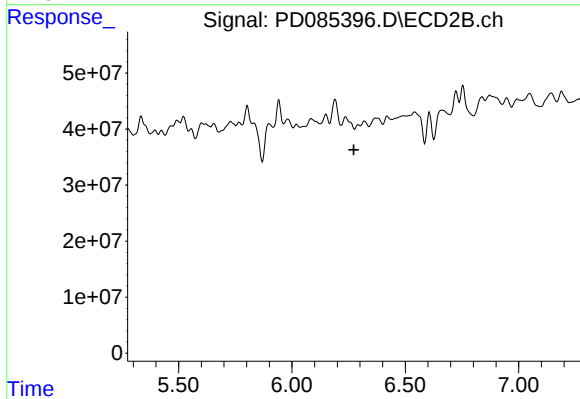
#17 4,4'-DDT

R.T.: 6.191 min  
Delta R.T.: -0.006 min  
Response: 60229936  
Conc: 19.02 ng/ml



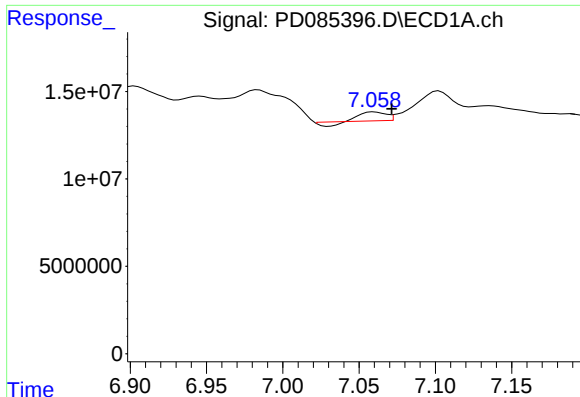
#18 Endrin aldehyde

R.T.: 6.823 min  
Delta R.T.: -0.015 min  
Response: 411877  
Conc: 0.35 ng/ml



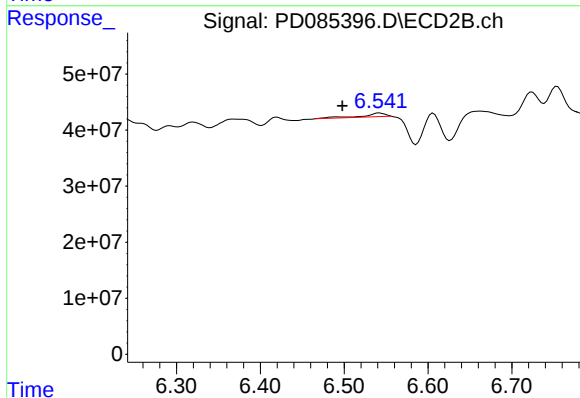
#18 Endrin aldehyde

R.T.: 6.292 min  
Delta R.T.: 0.019 min  
Response: -9492973  
Conc: N.D.



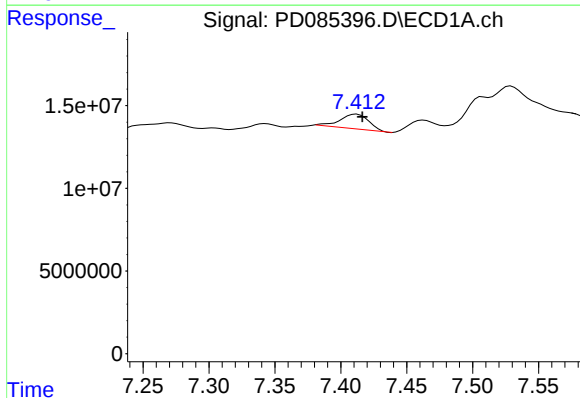
#19 Endosulfan Sulfate

R.T.: 7.060 min  
Delta R.T.: -0.011 min  
Response: 4442140  
Conc: 2.94 ng/ml



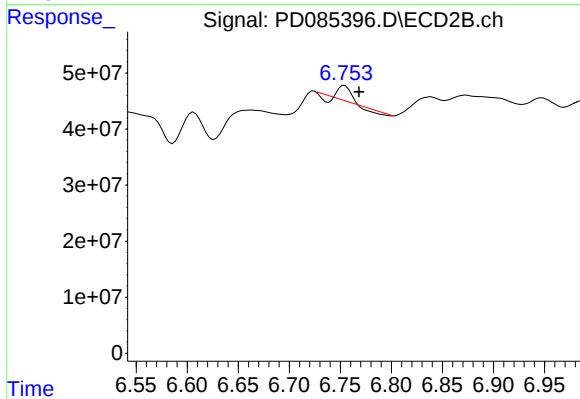
#19 Endosulfan Sulfate

R.T.: 6.542 min  
Delta R.T.: 0.044 min  
Response: 12790575  
Conc: 3.72 ng/ml



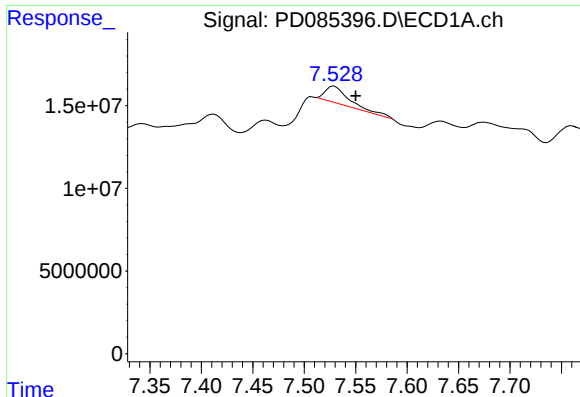
#20 Methoxychlor

R.T.: 7.412 min  
Delta R.T.: -0.005 min  
Response: 13528917  
Conc: 18.49 ng/ml



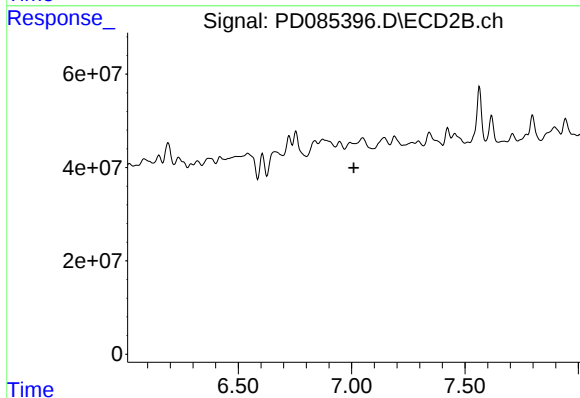
#20 Methoxychlor

R.T.: 6.754 min  
Delta R.T.: -0.014 min  
Response: 10375165  
Conc: 6.39 ng/ml



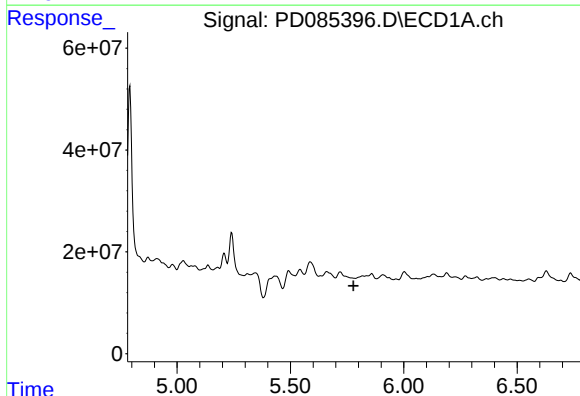
#21 Endrin ketone

R.T.: 7.529 min  
Delta R.T.: -0.021 min  
Response: 15161974  
Conc: 9.48 ng/ml



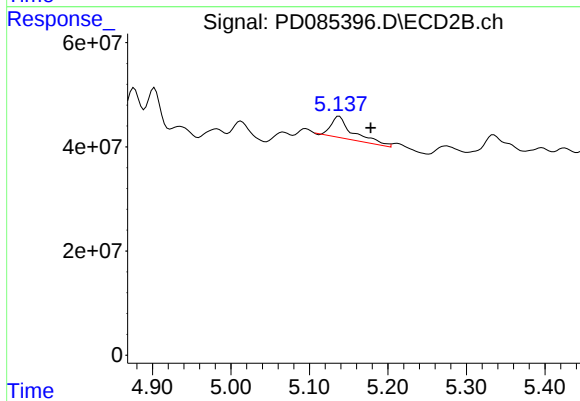
#21 Endrin ketone

R.T.: 6.994 min  
Delta R.T.: -0.015 min  
Response: -233081  
Conc: N.D.



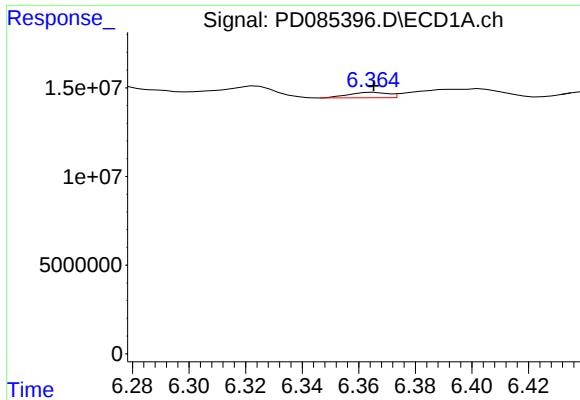
#22 Toxaphene-1

R.T.: 5.819 min  
Delta R.T.: 0.040 min  
Response: -7024491  
Conc: N.D.



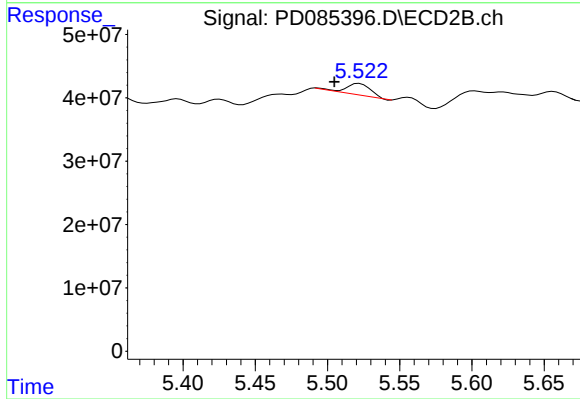
#22 Toxaphene-1

R.T.: 5.138 min  
Delta R.T.: -0.040 min  
Response: 79155517  
Conc: 3206.73 ng/ml



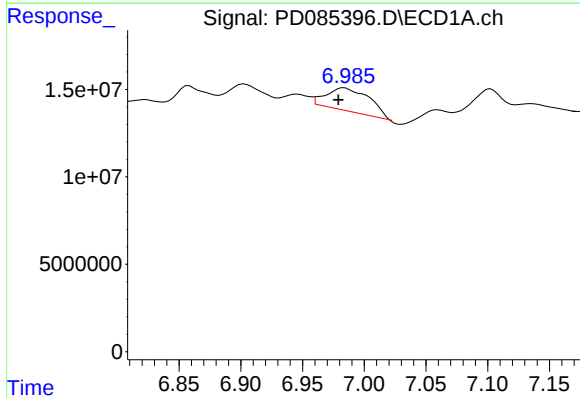
#23 Toxaphene-2

R.T.: 6.366 min  
Delta R.T.: 0.000 min  
Response: 2889935  
Conc: 165.42 ng/ml



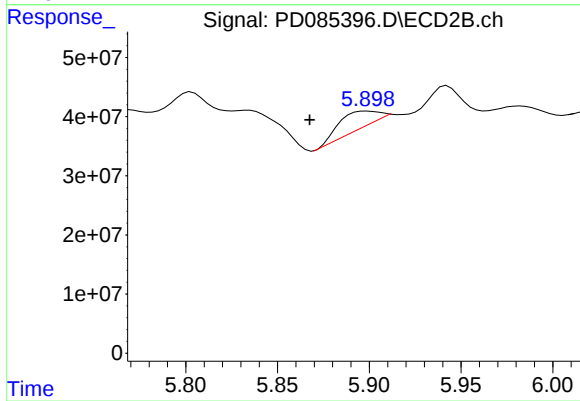
#23 Toxaphene-2

R.T.: 5.522 min  
Delta R.T.: 0.017 min  
Response: 22097794  
Conc: 908.97 ng/ml



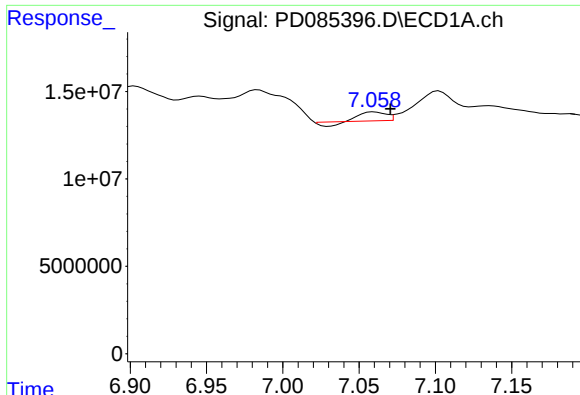
#24 Toxaphene-3

R.T.: 6.984 min  
Delta R.T.: 0.005 min  
Response: 31231825  
Conc: 732.72 ng/ml



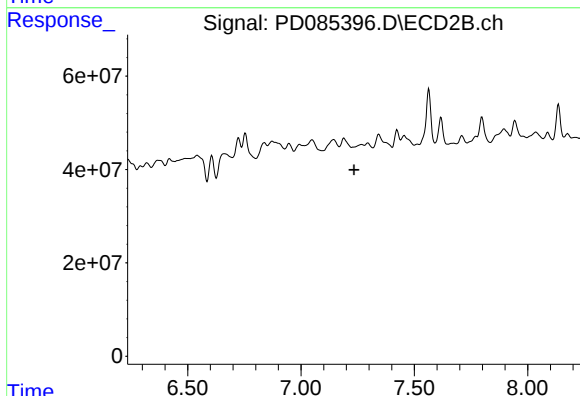
#24 Toxaphene-3

R.T.: 5.899 min  
Delta R.T.: 0.032 min  
Response: 39283446  
Conc: 1657.03 ng/ml



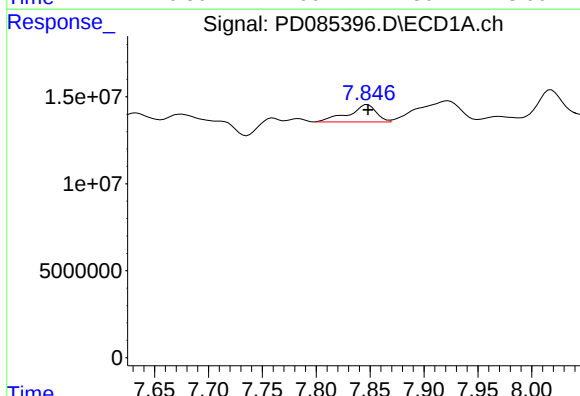
#25 Toxaphene-4

R.T.: 7.060 min  
Delta R.T.: -0.011 min  
Response: 4442140  
Conc: 140.87 ng/ml



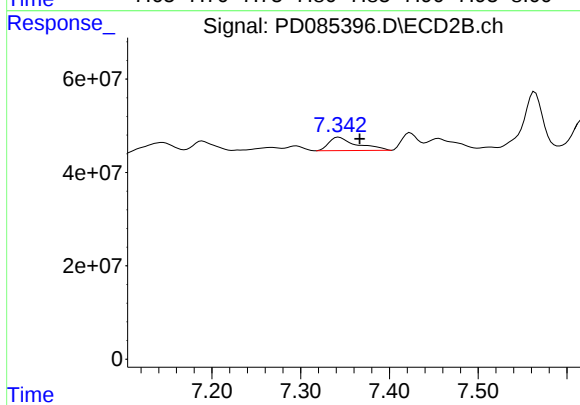
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T.: 7.234 min  
Response: 0  
Conc: N.D.



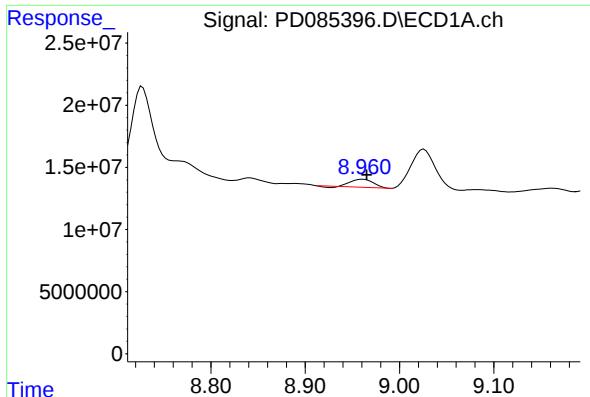
#26 Toxaphene-5

R.T.: 7.848 min  
Delta R.T.: 0.000 min  
Response: 17851310  
Conc: 775.13 ng/ml



#26 Toxaphene-5

R.T.: 7.343 min  
Delta R.T.: -0.023 min  
Response: 62764969  
Conc: 1989.35 ng/ml



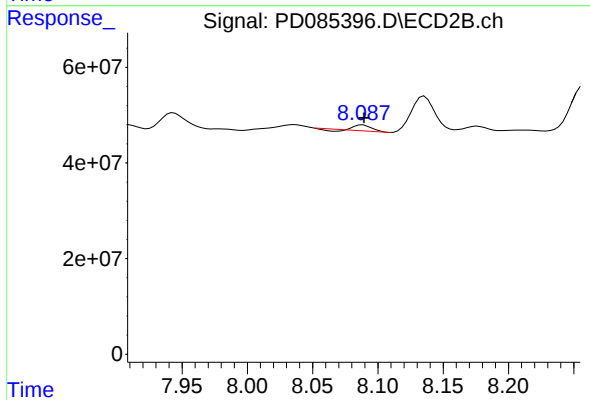
#27 Decachlorobiphenyl

R.T.: 8.961 min

Delta R.T.: -0.004 min

Response: 10191365

Conc: 6.21 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.088 min

Delta R.T.: -0.001 min

Response: 8370326

Conc: 3.13 ng/ml