

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122423\  
 Data File : PD080376.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Dec 2023 04:04  
 Operator : AR\AJ  
 Sample : 05859-17DL2 20X  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 22 06:14:10 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD121623CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 21 13:52:23 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

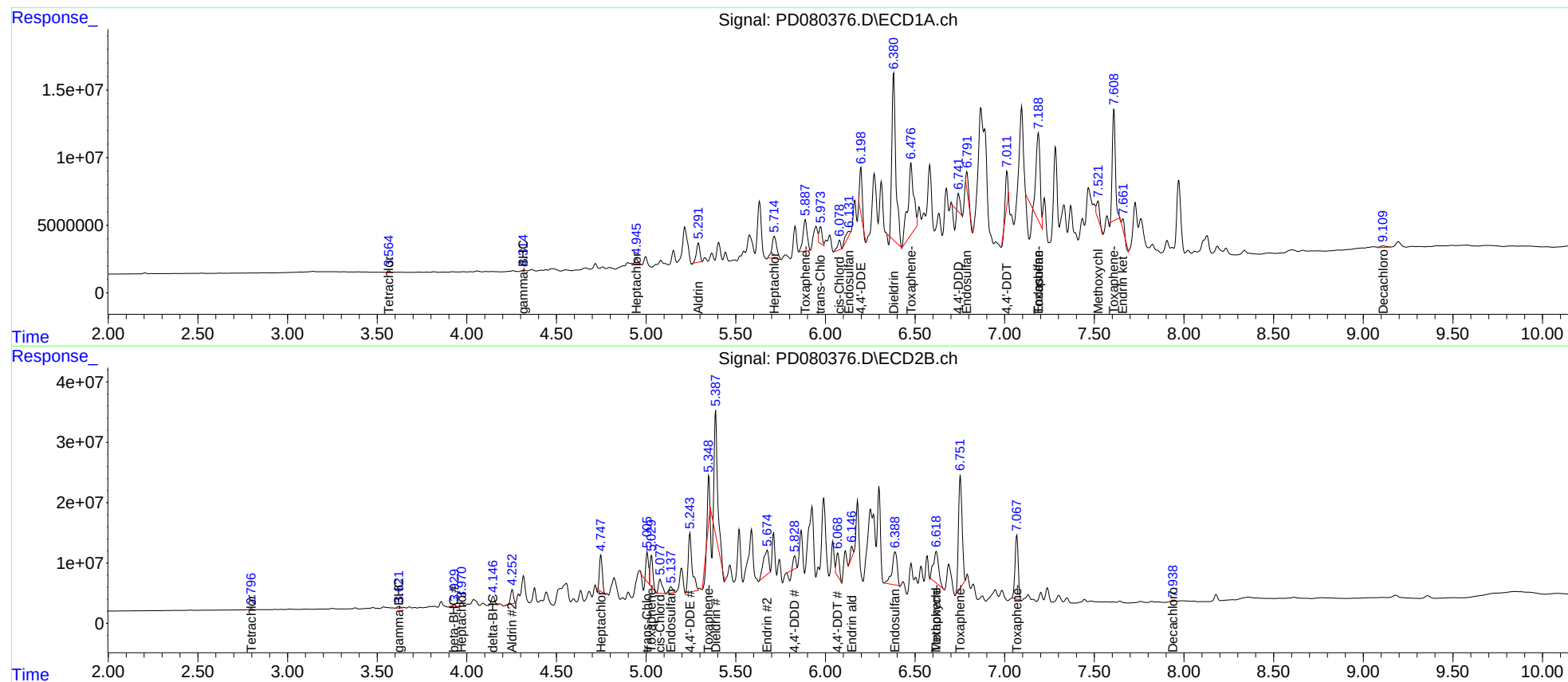
|                             | Compound        | RT#1   | RT#2  | Resp#1    | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|-----------|----------|----------|------------|
| -----                       |                 |        |       |           |          |          |            |
| System Monitoring Compounds |                 |        |       |           |          |          |            |
| 1)                          | SA Tetrachlo... | 3.566  | 2.798 | 1135049   | 2207659  | 0.889    | 0.993      |
| 27)                         | SA Decachlor... | 9.111  | 7.941 | 2751897   | 1637224  | 1.712    | 0.682 #    |
| Target Compounds            |                 |        |       |           |          |          |            |
| 2)                          | A alpha-BHC     | 0.000  | 3.307 | 0         | 200025   | N.D.     | <MDL       |
| 3)                          | MA gamma-BHC... | 4.317f | 3.623 | 720137    | 3451520  | 0.363    | 1.072 #    |
| 4)                          | MA Heptachlor   | 4.946  | 3.971 | 4904861   | 6711601  | 2.349    | 2.096      |
| 5)                          | MB Aldrin       | 5.292  | 4.253 | 18543477  | 26512523 | 8.290    | 7.504      |
| 6)                          | B beta-BHC      | 0.000  | 3.931 | 0         | 4213607  | N.D.     | 2.454      |
| 7)                          | B delta-BHC     | 0.000  | 4.147 | 0         | 15329449 | N.D.     | 3.943      |
| 8)                          | B Heptachlo...  | 5.715  | 4.748 | 30549268  | 65090365 | 14.221   | 19.206 #   |
| 9)                          | A Endosulfan I  | 6.132  | 5.139 | 7771340   | 15336512 | 4.363    | 5.594 #    |
| 10)                         | B trans-Chl...  | 5.974  | 5.006 | 14702354  | 37095317 | 7.164    | 11.269 #   |
| 11)                         | B cis-Chlor...  | 6.079  | 5.078 | 8301350   | 33695182 | 3.955    | 10.022 #   |
| 12)                         | B 4,4'-DDE      | 6.198  | 5.245 | 33186077  | 150.0E6  | 17.179   | 47.766 #   |
| 13)                         | MA Dieldrin     | 6.381  | 5.388 | 187.2E6   | 199.7E6  | 100.571  | 66.627 #   |
| 14)                         | MA Endrin       | 6.634  | 5.676 | -29692039 | 84436628 | N.D.     | 32.092     |
| 16)                         | A 4,4'-DDD      | 6.743  | 5.830 | 324986    | 7594527  | 0.234    | 3.303 #    |
| 17)                         | MA 4,4'-DDT     | 7.013f | 6.070 | 21459822  | 46904689 | 14.522   | 19.453 #   |
| 18)                         | B Endrin al...  | 6.951  | 6.148 | -2865436  | 15950563 | N.D.     | 6.917      |
| 19)                         | B Endosulfa...  | 7.188  | 6.389 | 71745545  | 108.6E6  | 39.117   | 38.719     |
| 20)                         | A Methoxychlor  | 7.521  | 6.619 | 15321284  | 108.4E6  | 19.351   | 86.137 #   |
| 21)                         | B Endrin ke...  | 7.660  | 6.876 | 7089001   | -9995593 | 3.643    | N.D. #     |
| 22)                         | Toxaphene-1     | 5.888  | 5.031 | 37115220  | 58678241 | 5989.519 | 3441.811 # |
| 23)                         | Toxaphene-2     | 6.478  | 5.350 | 120.5E6   | 48202597 | 6750.029 | 2810.724 # |
| 24)                         | Toxaphene-3     | 0.000  | 6.619 | 0         | 108.4E6  | N.D.     | 1755.902   |
| 25)                         | Toxaphene-4     | 7.188  | 6.753 | 71745545  | 260.3E6  | 1830.211 | 3089.994 # |
| 26)                         | Toxaphene-5     | 7.609  | 7.068 | 98389218  | 129.3E6  | 3418.533 | 3644.680   |
| -----                       |                 |        |       |           |          |          |            |

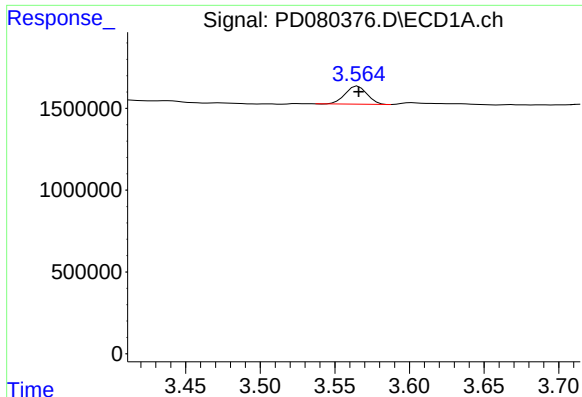
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122423\  
Data File : PD080376.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Dec 2023 04:04  
Operator : AR\AJ  
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Misc :  
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
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Quant Time: Dec 22 06:14:10 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD121623CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 21 13:52:23 2023  
Response via : Initial Calibration  
Integrator: ChemStation

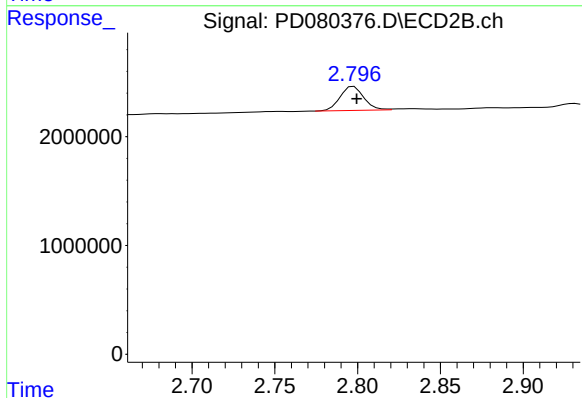
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





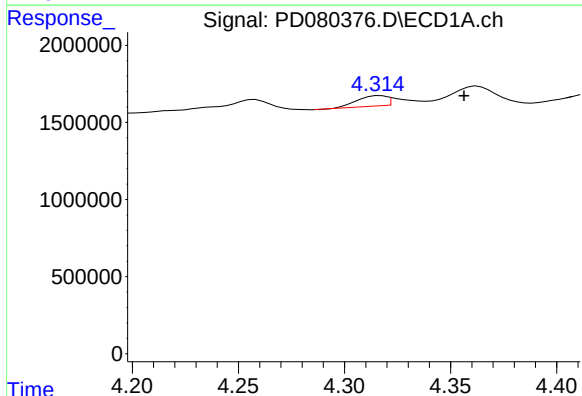
#1 Tetrachloro-m-xylene

R.T.: 3.566 min  
Delta R.T.: 0.000 min  
Response: 1135049  
Conc: 0.89 ng/ml



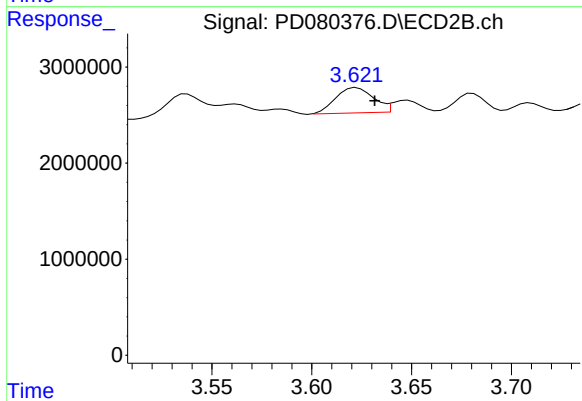
#1 Tetrachloro-m-xylene

R.T.: 2.798 min  
Delta R.T.: -0.002 min  
Response: 2207659  
Conc: 0.99 ng/ml



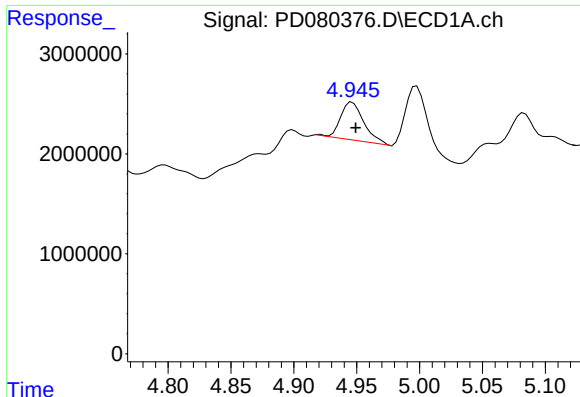
#3 gamma-BHC (Lindane)

R.T.: 4.317 min  
Delta R.T.: -0.039 min  
Response: 720137  
Conc: 0.36 ng/ml



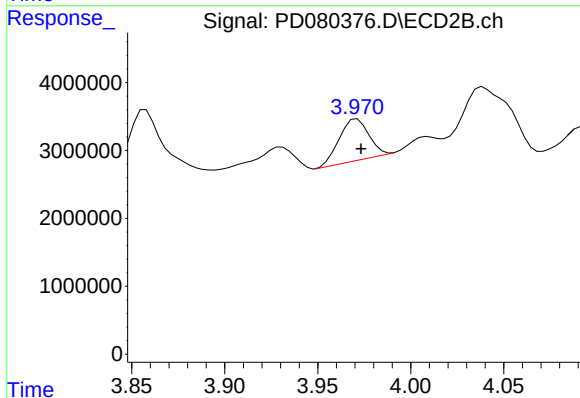
#3 gamma-BHC (Lindane)

R.T.: 3.623 min  
Delta R.T.: -0.009 min  
Response: 3451520  
Conc: 1.07 ng/ml



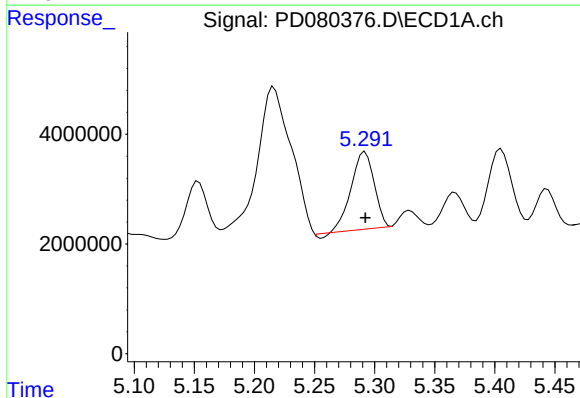
#4 Heptachlor

R.T.: 4.946 min  
Delta R.T.: -0.003 min  
Response: 4904861  
Conc: 2.35 ng/ml



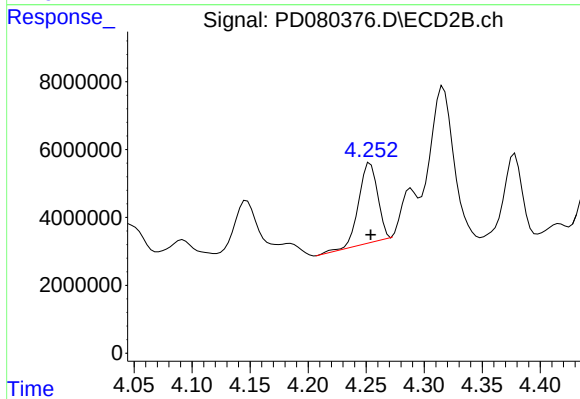
#4 Heptachlor

R.T.: 3.971 min  
Delta R.T.: -0.002 min  
Response: 6711601  
Conc: 2.10 ng/ml



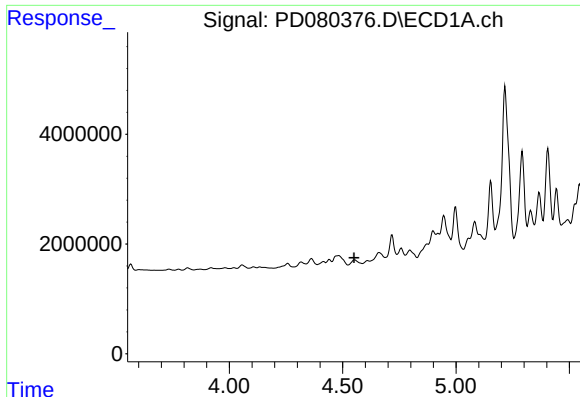
#5 Aldrin

R.T.: 5.292 min  
Delta R.T.: 0.000 min  
Response: 18543477  
Conc: 8.29 ng/ml



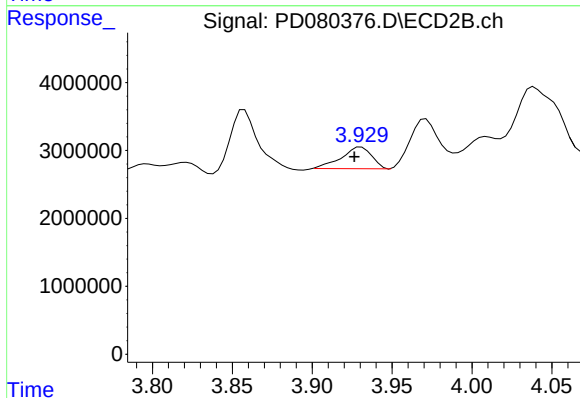
#5 Aldrin

R.T.: 4.253 min  
Delta R.T.: 0.000 min  
Response: 26512523  
Conc: 7.50 ng/ml



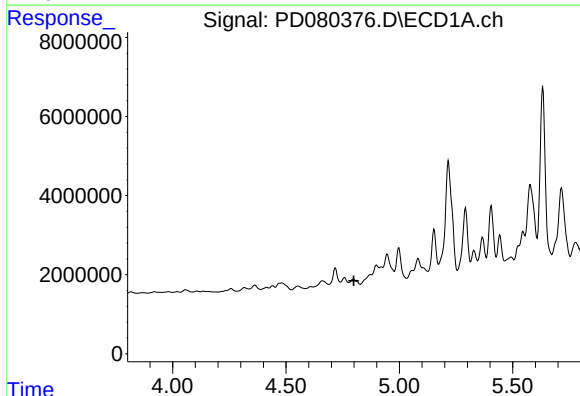
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.550 min  
Response: 0  
Conc: N.D.



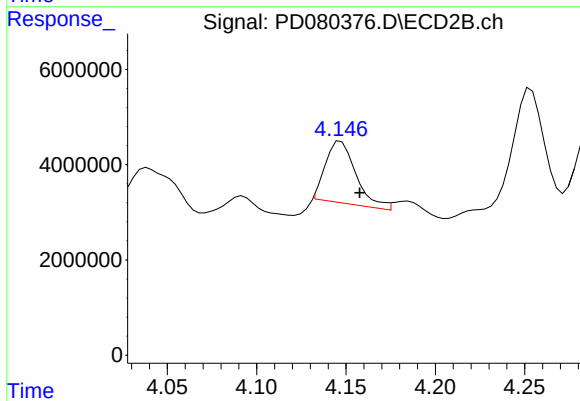
#6 beta-BHC

R.T.: 3.931 min  
Delta R.T.: 0.004 min  
Response: 4213607  
Conc: 2.45 ng/ml



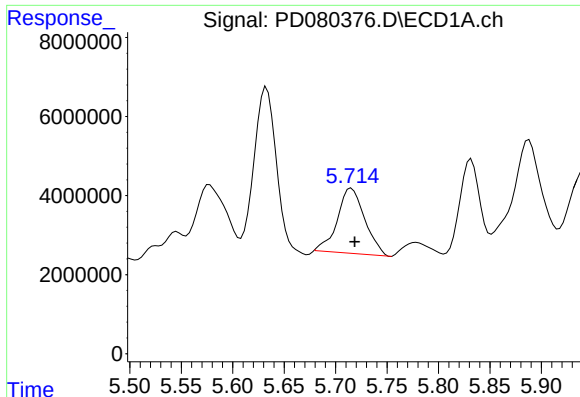
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.799 min  
Response: 0  
Conc: N.D.



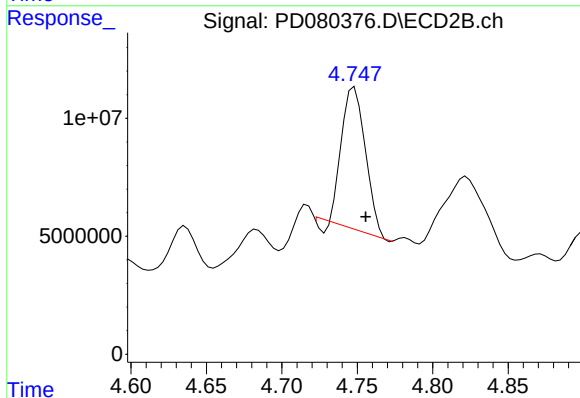
#7 delta-BHC

R.T.: 4.147 min  
Delta R.T.: -0.010 min  
Response: 15329449  
Conc: 3.94 ng/ml



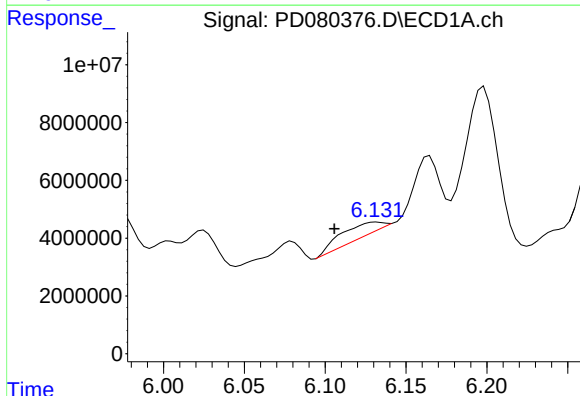
#8 Heptachlor epoxide

R.T.: 5.715 min  
Delta R.T.: -0.003 min  
Response: 30549268  
Conc: 14.22 ng/ml



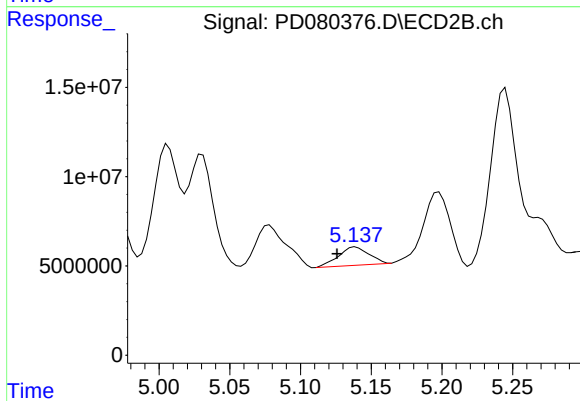
#8 Heptachlor epoxide

R.T.: 4.748 min  
Delta R.T.: -0.008 min  
Response: 65090365  
Conc: 19.21 ng/ml



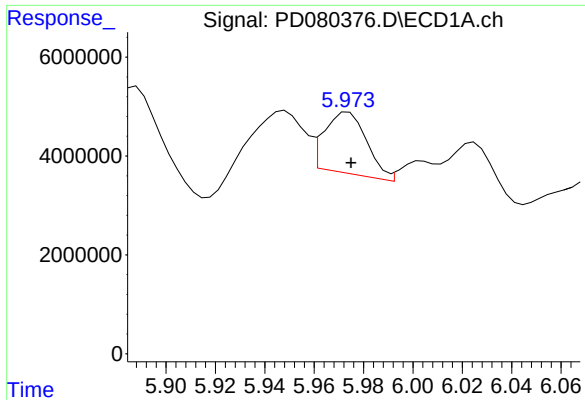
#9 Endosulfan I

R.T.: 6.132 min  
Delta R.T.: 0.026 min  
Response: 7771340  
Conc: 4.36 ng/ml



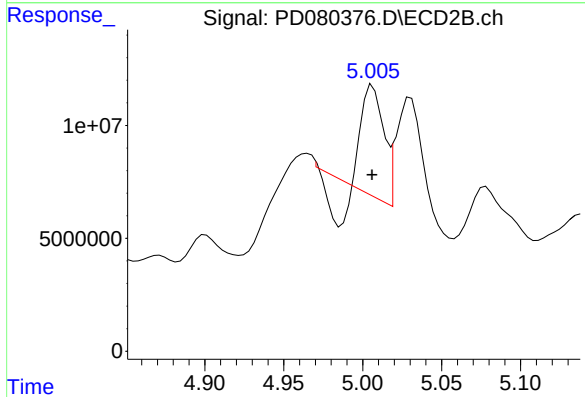
#9 Endosulfan I

R.T.: 5.139 min  
Delta R.T.: 0.013 min  
Response: 15336512  
Conc: 5.59 ng/ml



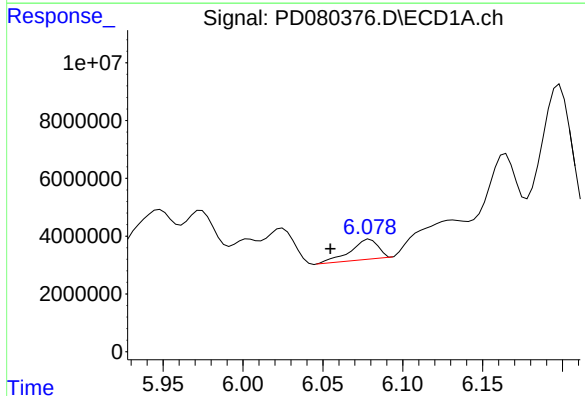
#10 trans-Chlordane

R.T.: 5.974 min  
Delta R.T.: 0.000 min  
Response: 14702354  
Conc: 7.16 ng/ml



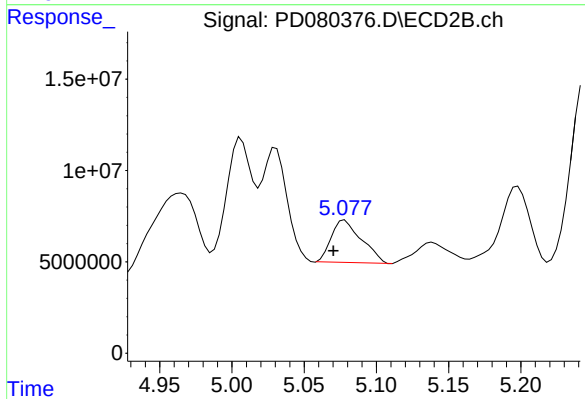
#10 trans-Chlordane

R.T.: 5.006 min  
Delta R.T.: 0.000 min  
Response: 37095317  
Conc: 11.27 ng/ml



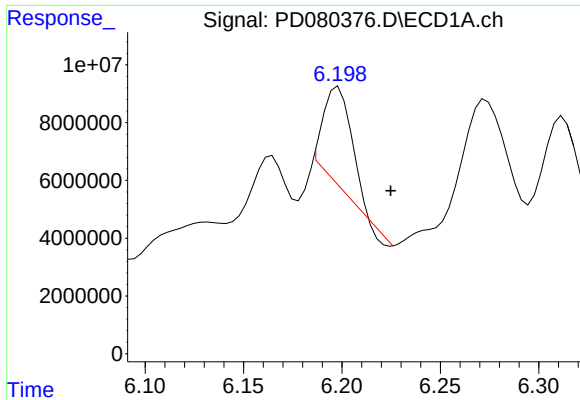
#11 cis-Chlordane

R.T.: 6.079 min  
Delta R.T.: 0.025 min  
Response: 8301350  
Conc: 3.95 ng/ml



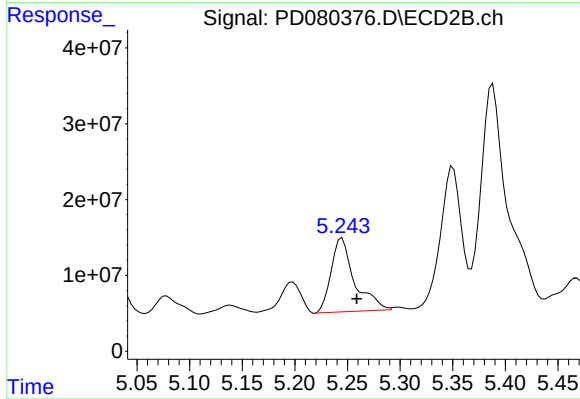
#11 cis-Chlordane

R.T.: 5.078 min  
Delta R.T.: 0.008 min  
Response: 33695182  
Conc: 10.02 ng/ml



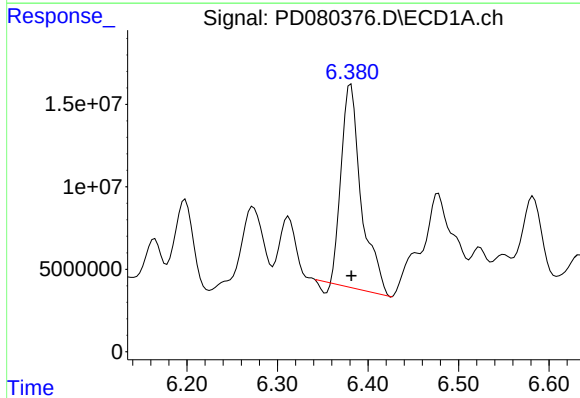
#12 4,4'-DDE

R.T.: 6.198 min  
Delta R.T.: -0.027 min  
Response: 33186077  
Conc: 17.18 ng/ml



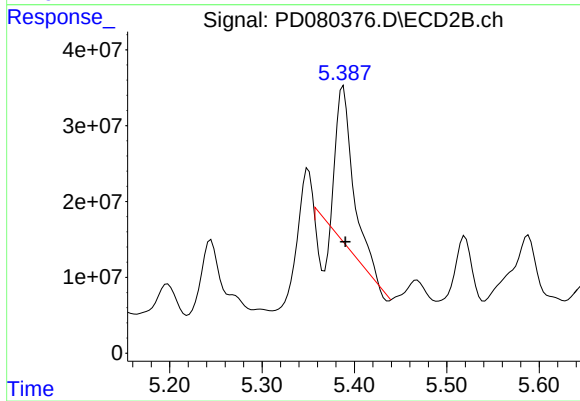
#12 4,4'-DDE

R.T.: 5.245 min  
Delta R.T.: -0.014 min  
Response: 150034759  
Conc: 47.77 ng/ml



#13 Dieldrin

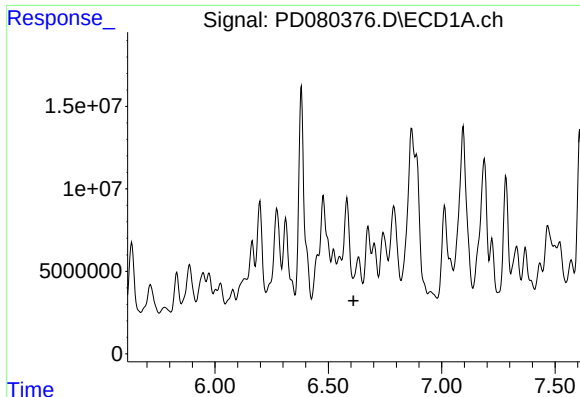
R.T.: 6.381 min  
Delta R.T.: 0.000 min  
Response: 187170773  
Conc: 100.57 ng/ml



#13 Dieldrin

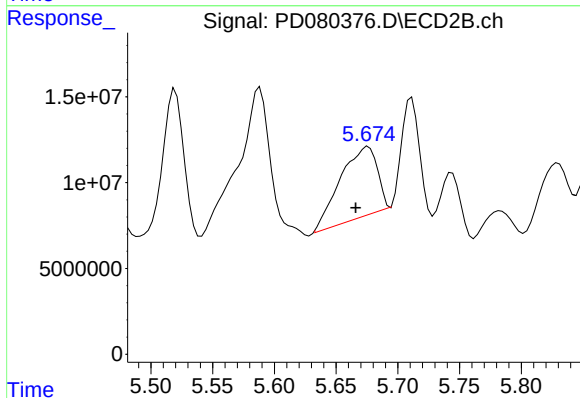
R.T.: 5.388 min  
Delta R.T.: -0.002 min  
Response: 199678144  
Conc: 66.63 ng/ml





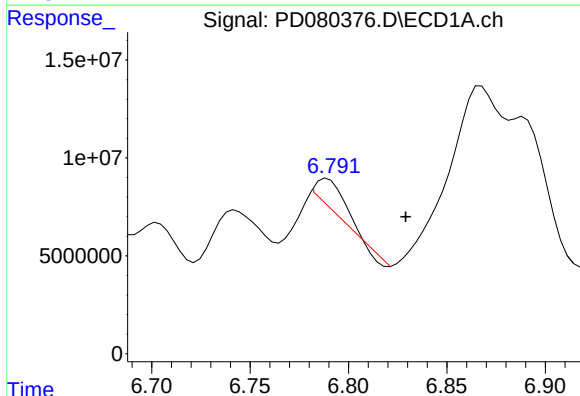
#14 Endrin

R.T.: 6.634 min  
Delta R.T.: 0.022 min  
Response: -29692039  
Conc: N.D.



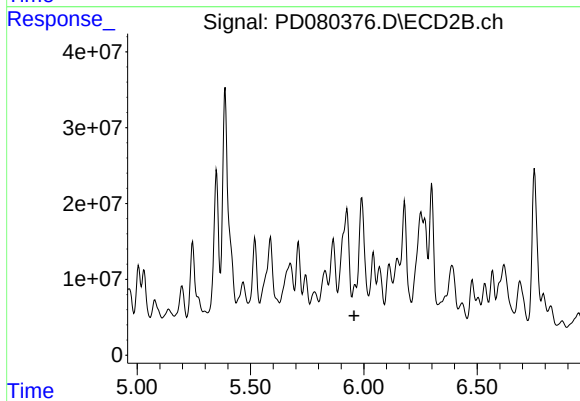
#14 Endrin

R.T.: 5.676 min  
Delta R.T.: 0.010 min  
Response: 84436628  
Conc: 32.09 ng/ml



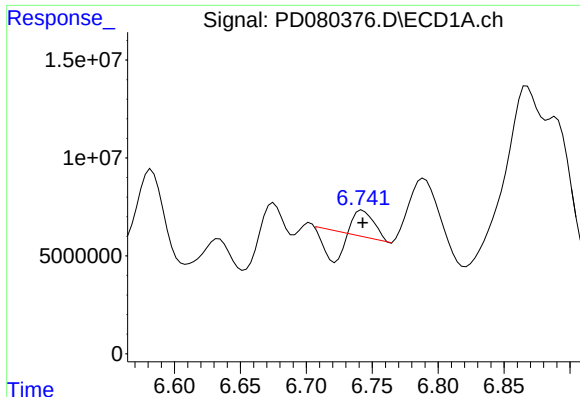
#15 Endosulfan II

R.T.: 6.789 min  
Delta R.T.: -0.040 min  
Response: 14235142  
Conc: 7.59 ng/ml



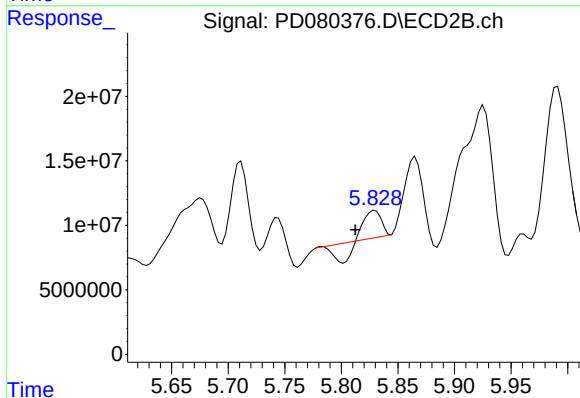
#15 Endosulfan II

R.T.: 5.961 min  
Delta R.T.: 0.003 min  
Response: -61856655  
Conc: N.D.



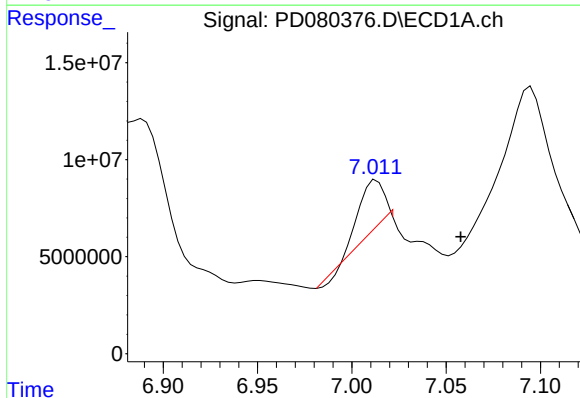
#16 4,4'-DDD

R.T.: 6.743 min  
Delta R.T.: 0.000 min  
Response: 324986  
Conc: 0.23 ng/ml



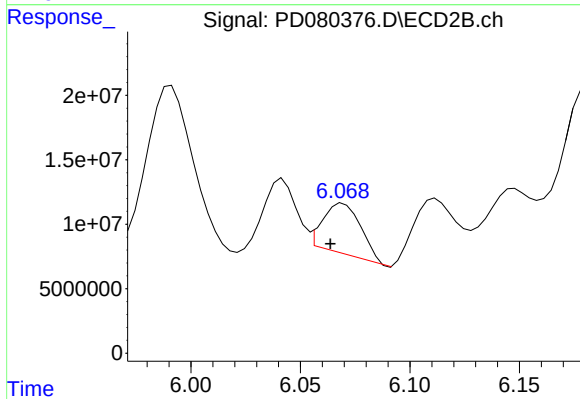
#16 4,4'-DDD

R.T.: 5.830 min  
Delta R.T.: 0.017 min  
Response: 7594527  
Conc: 3.30 ng/ml



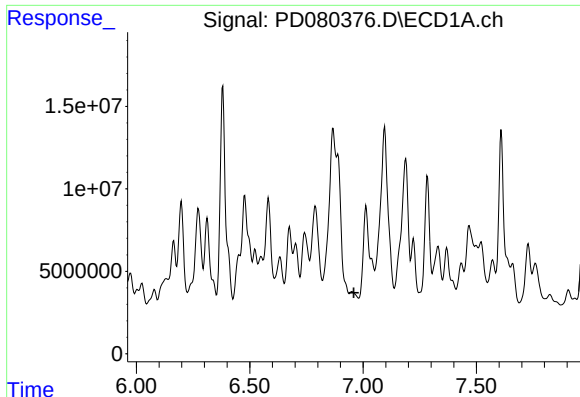
#17 4,4'-DDT

R.T.: 7.013 min  
Delta R.T.: -0.044 min  
Response: 21459822  
Conc: 14.52 ng/ml



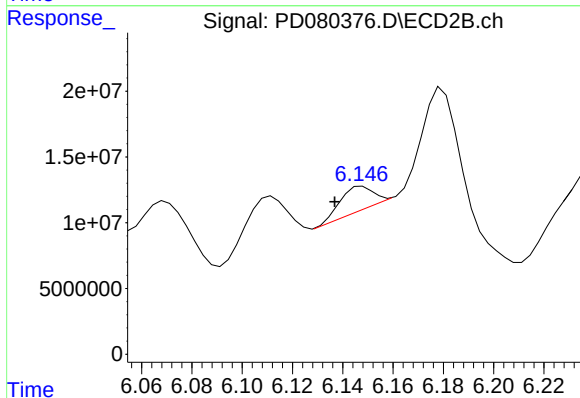
#17 4,4'-DDT

R.T.: 6.070 min  
Delta R.T.: 0.006 min  
Response: 46904689  
Conc: 19.45 ng/ml



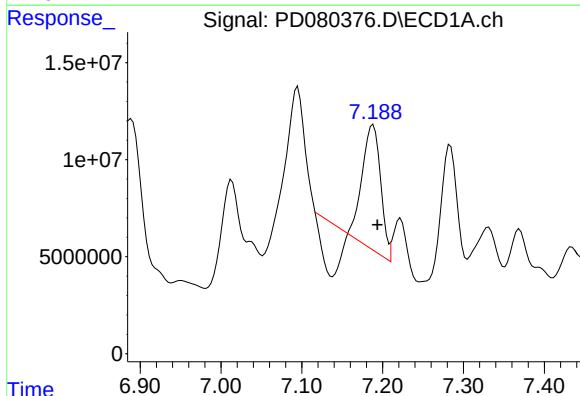
#18 Endrin aldehyde

R.T.: 6.951 min  
Delta R.T.: -0.008 min  
Response: -2865436  
Conc: N.D.



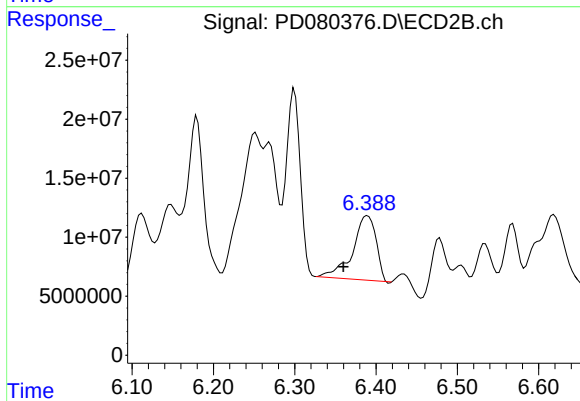
#18 Endrin aldehyde

R.T.: 6.148 min  
Delta R.T.: 0.011 min  
Response: 15950563  
Conc: 6.92 ng/ml



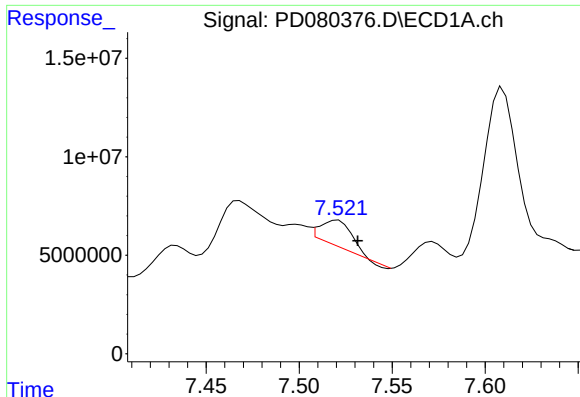
#19 Endosulfan Sulfate

R.T.: 7.188 min  
Delta R.T.: -0.005 min  
Response: 71745545  
Conc: 39.12 ng/ml



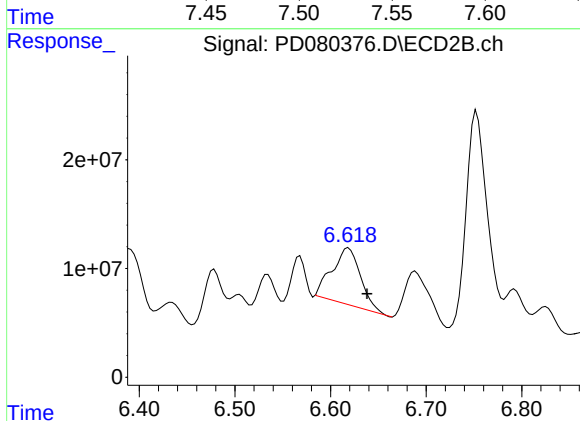
#19 Endosulfan Sulfate

R.T.: 6.389 min  
Delta R.T.: 0.030 min  
Response: 108601874  
Conc: 38.72 ng/ml



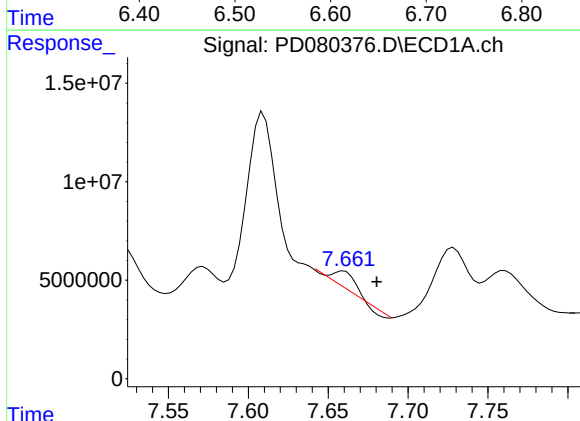
#20 Methoxychlor

R.T.: 7.521 min  
Delta R.T.: -0.011 min  
Response: 15321284  
Conc: 19.35 ng/ml



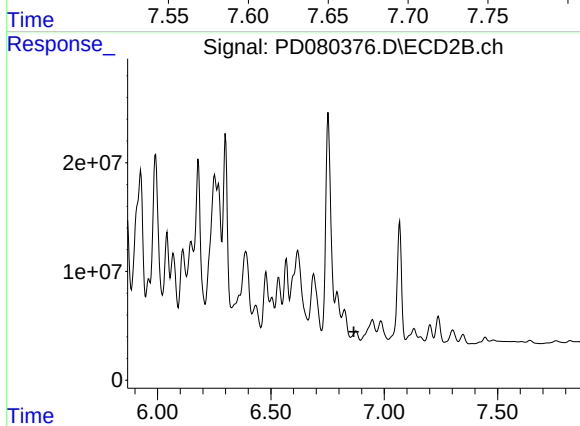
#20 Methoxychlor

R.T.: 6.619 min  
Delta R.T.: -0.020 min  
Response: 108430229  
Conc: 86.14 ng/ml



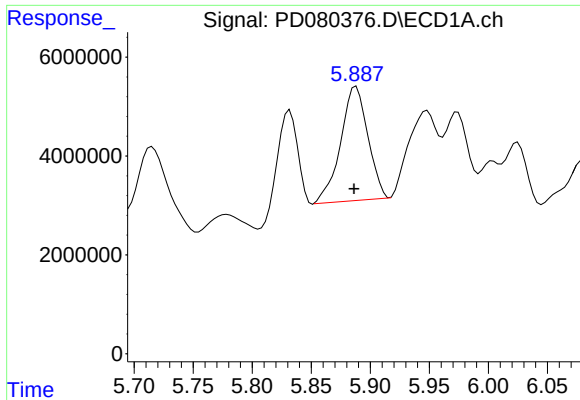
#21 Endrin ketone

R.T.: 7.660 min  
Delta R.T.: -0.020 min  
Response: 7089001  
Conc: 3.64 ng/ml



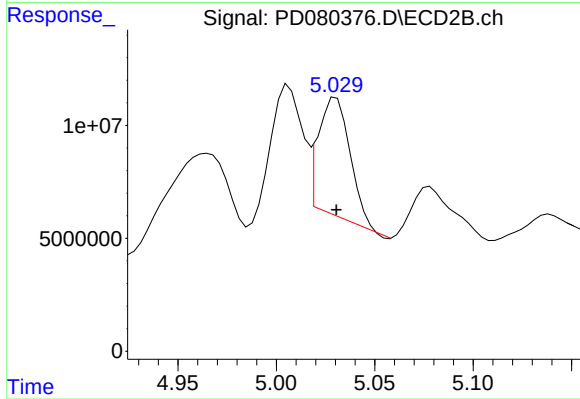
#21 Endrin ketone

R.T.: 6.876 min  
Delta R.T.: 0.010 min  
Response: -9995593  
Conc: N.D.



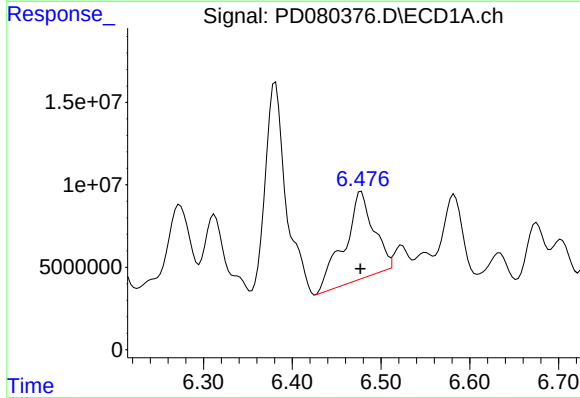
#22 Toxaphene-1

R.T.: 5.888 min  
Delta R.T.: 0.002 min  
Response: 37115220  
Conc: 5989.52 ng/ml



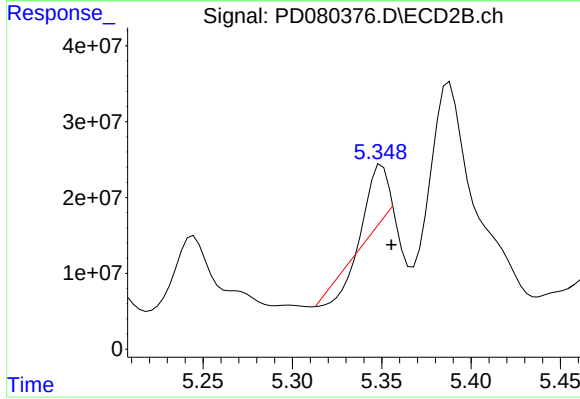
#22 Toxaphene-1

R.T.: 5.031 min  
Delta R.T.: 0.000 min  
Response: 58678241  
Conc: 3441.81 ng/ml



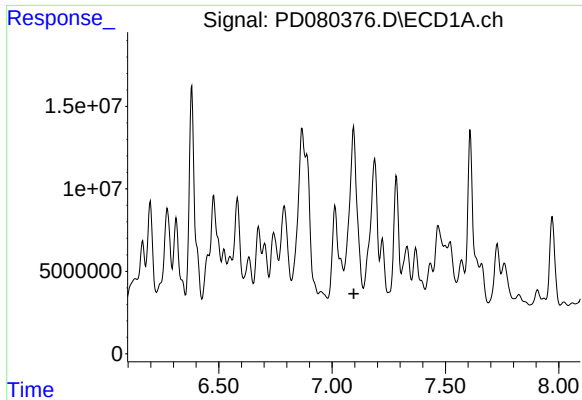
#23 Toxaphene-2

R.T.: 6.478 min  
Delta R.T.: 0.000 min  
Response: 120518719  
Conc: 6750.03 ng/ml



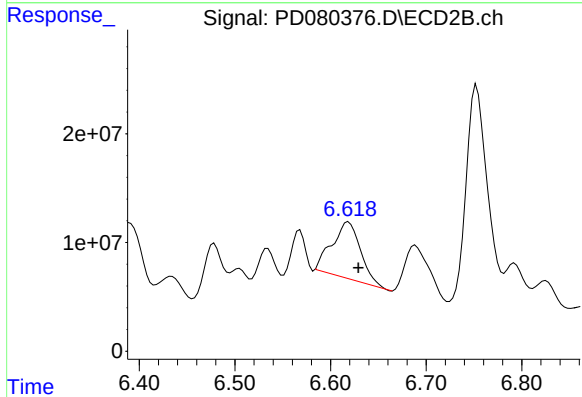
#23 Toxaphene-2

R.T.: 5.350 min  
Delta R.T.: -0.005 min  
Response: 48202597  
Conc: 2810.72 ng/ml



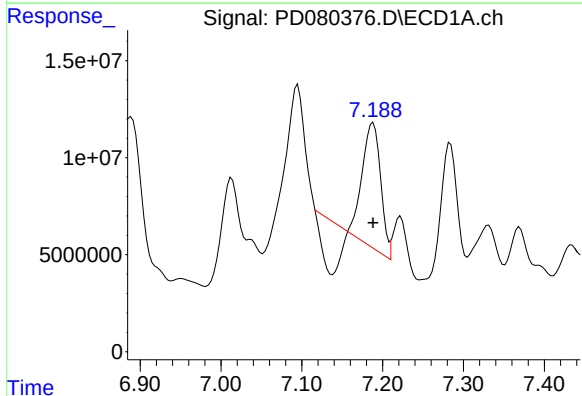
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T.: 7.096 min  
Response: 0  
Conc: N.D.



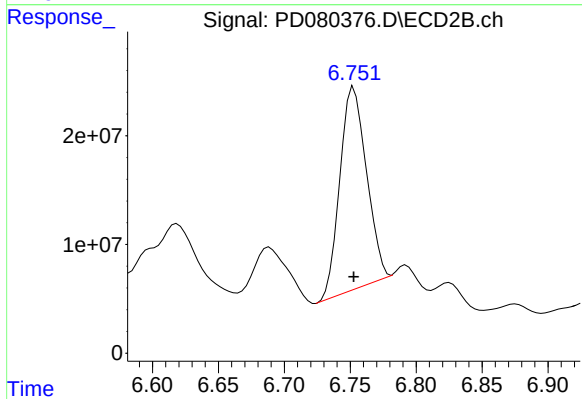
#24 Toxaphene-3

R.T.: 6.619 min  
Delta R.T.: -0.011 min  
Response: 108430229  
Conc: 1755.90 ng/ml



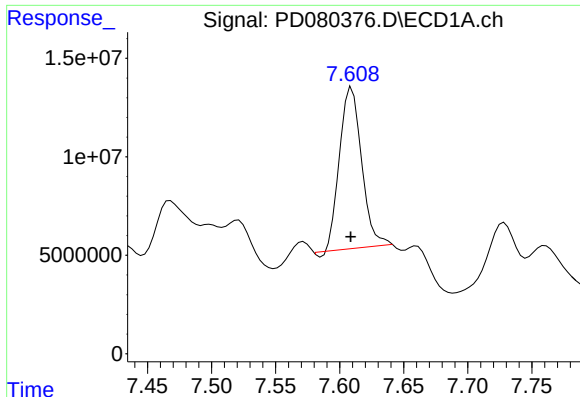
#25 Toxaphene-4

R.T.: 7.188 min  
Delta R.T.: 0.000 min  
Response: 71745545  
Conc: 1830.21 ng/ml



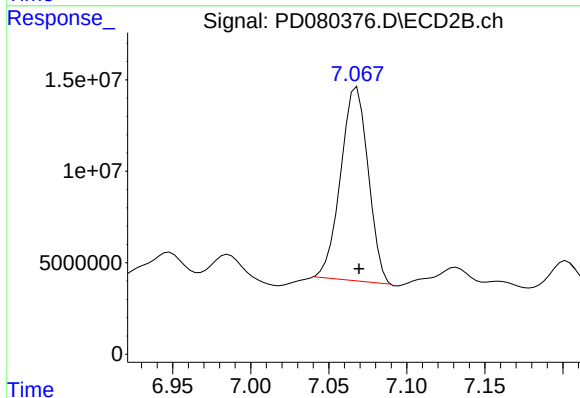
#25 Toxaphene-4

R.T.: 6.753 min  
Delta R.T.: 0.000 min  
Response: 260273776  
Conc: 3089.99 ng/ml



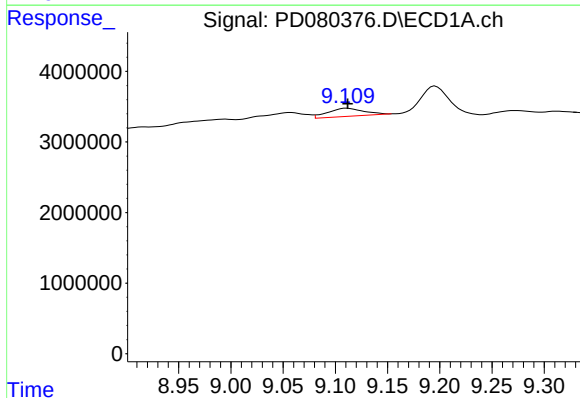
#26 Toxaphene-5

R.T.: 7.609 min  
Delta R.T.: 0.000 min  
Response: 98389218  
Conc: 3418.53 ng/ml



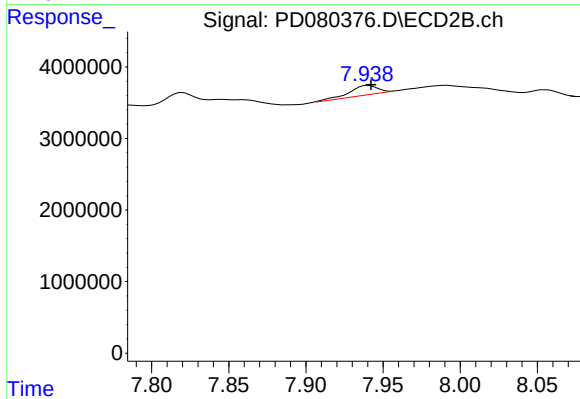
#26 Toxaphene-5

R.T.: 7.068 min  
Delta R.T.: -0.001 min  
Response: 129310202  
Conc: 3644.68 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.111 min  
Delta R.T.: 0.000 min  
Response: 2751897  
Conc: 1.71 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.941 min  
Delta R.T.: -0.001 min  
Response: 1637224  
Conc: 0.68 ng/ml