

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030724\  
 Data File : PD082027.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Mar 2024 19:51  
 Operator : AR\AJ  
 Sample : P1652-09  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 07 21:46:37 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD021224CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 12 17:06:05 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

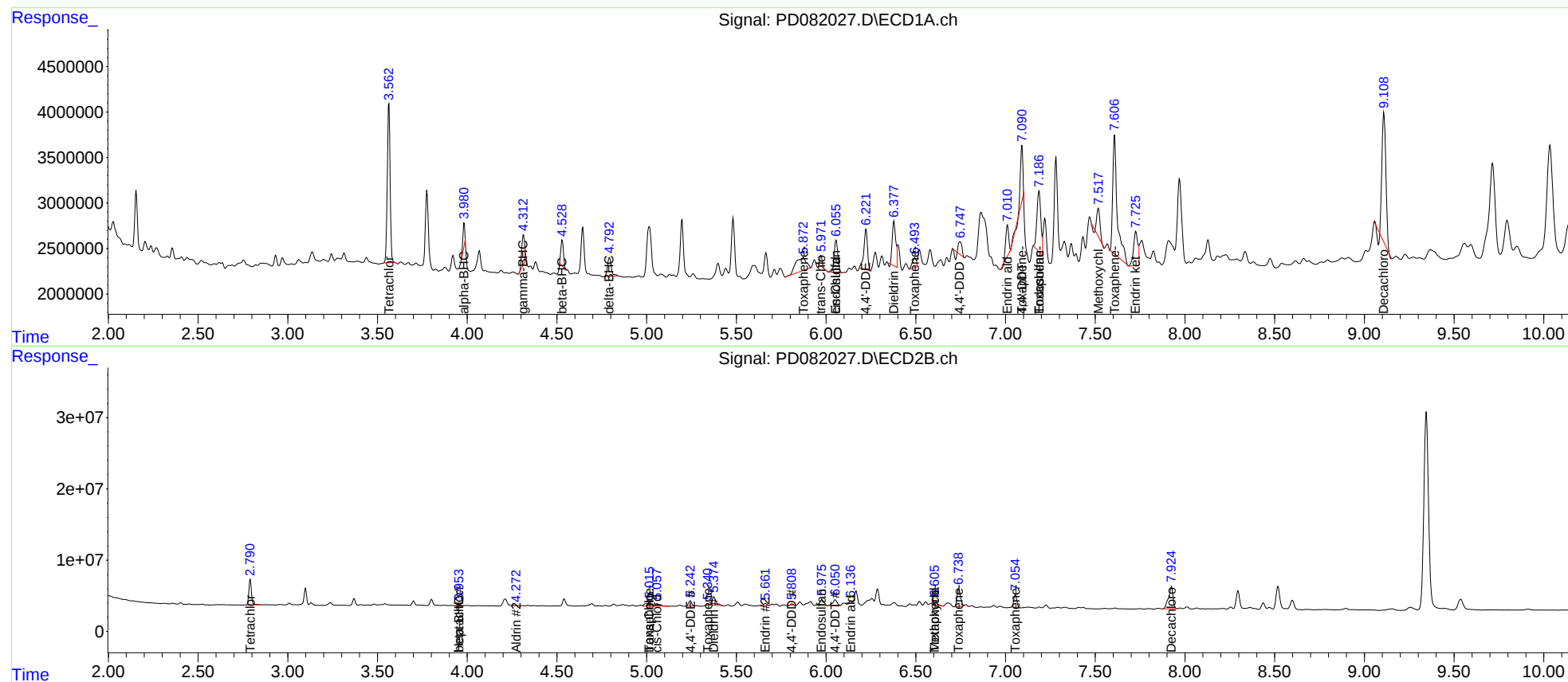
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.564  | 2.791  | 19068775 | 36146400 | 13.948  | 14.744    |
| 27)                         | SA Decachlor... | 9.109  | 7.925  | 21154883 | 53827368 | 10.965  | 21.699 #  |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.983f | 3.310  | 2112089  | 57343    | 0.904   | <MDL #    |
| 3)                          | MA gamma-BHC... | 4.314f | 0.000  | 3538931  | 0        | 1.532   | N.D. #    |
| 4)                          | MA Heptachlor   | 0.000  | 3.954  | 0        | 1606791  | N.D.    | 0.453     |
| 5)                          | MB Aldrin       | 0.000  | 4.274f | 0        | 353151   | N.D.    | 0.104     |
| 6)                          | B beta-BHC      | 4.530  | 3.954f | 2895050  | 1606791  | 2.786   | 0.951 #   |
| 7)                          | B delta-BHC     | 4.793  | 4.140  | 3152866  | 288562   | 1.331   | <MDL #    |
| 8)                          | B Heptachlo...  | 0.000  | 4.737  | 0        | 78884    | N.D.    | <MDL      |
| 9)                          | A Endosulfan I  | 6.056f | 5.141  | 5159703  | 122333   | 2.450   | <MDL #    |
| 10)                         | B trans-Chl...  | 5.972  | 5.016  | 871063   | 11478828 | 0.398   | 3.678 #   |
| 11)                         | B cis-Chlor...  | 6.056  | 5.059  | 5159703  | 6604931  | 2.291   | 2.062     |
| 12)                         | B 4,4'-DDE      | 6.223  | 5.244  | 6242314  | 9195049  | 2.908   | 3.110     |
| 13)                         | MA Dieldrin     | 6.378  | 5.375  | 6521660  | 16422688 | 2.937   | 5.000 #   |
| 14)                         | MA Endrin       | 0.000  | 5.662  | 0        | 3982713  | N.D.    | 1.386     |
| 15)                         | B Endosulfa...  | 6.864  | 5.977  | -19728   | 14892293 | N.D.    | 5.276     |
| 16)                         | A 4,4'-DDD      | 6.747  | 5.809  | 1378746  | 1378835  | 0.830   | 0.547 #   |
| 17)                         | MA 4,4'-DDT     | 7.092  | 6.051  | 6003502  | 14043573 | 3.456   | 5.438 #   |
| 18)                         | B Endrin al...  | 7.011f | 6.137  | 3847909  | 3128100  | 2.576   | 1.444 #   |
| 19)                         | B Endosulfa...  | 7.187  | 6.347  | 10119569 | -384580  | 5.527   | N.D. #    |
| 20)                         | A Methoxychlor  | 7.518  | 6.606  | 3696655  | 7250205  | 4.030   | 5.427 #   |
| 21)                         | B Endrin ke...  | 7.726f | 6.863  | 6168869  | -242186  | 3.190   | N.D. #    |
| 22)                         | Toxaphene-1     | 5.873  | 5.016  | 6007983  | 11478828 | 919.833 | 701.118   |
| 23)                         | Toxaphene-2     | 6.494  | 5.341  | 1515706  | 2449695  | 79.952  | 143.734 # |
| 24)                         | Toxaphene-3     | 7.092  | 6.606  | 6003502  | 7250205  | 113.520 | 123.868   |
| 25)                         | Toxaphene-4     | 7.187  | 6.740  | 10119569 | 35115075 | 255.819 | 441.276 # |
| 26)                         | Toxaphene-5     | 7.608  | 7.055  | 22806090 | 21285386 | 768.964 | 656.409   |
| -----                       |                 |        |        |          |          |         |           |

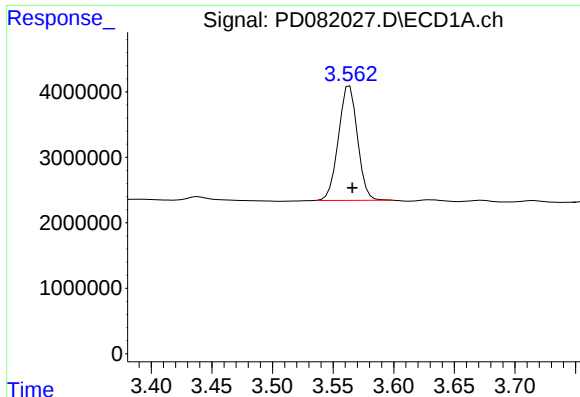
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Acq On : 07 Mar 2024 19:51  
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ALS Vial : 21 Sample Multiplier: 1

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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD021224CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Feb 12 17:06:05 2024  
Response via : Initial Calibration  
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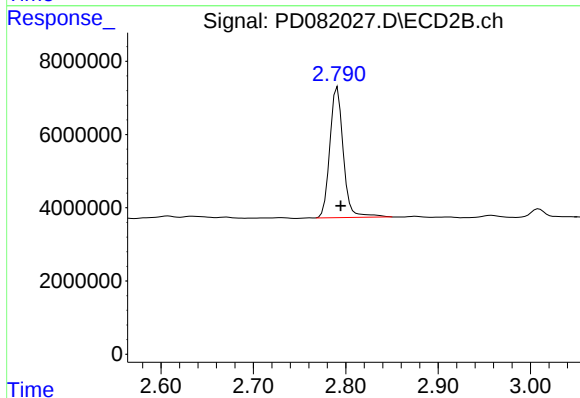
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





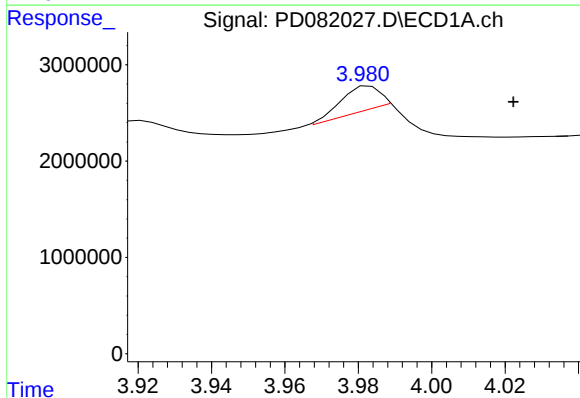
#1 Tetrachloro-m-xylene

R.T.: 3.564 min  
Delta R.T.: -0.002 min  
Response: 19068775  
Conc: 13.95 ng/ml



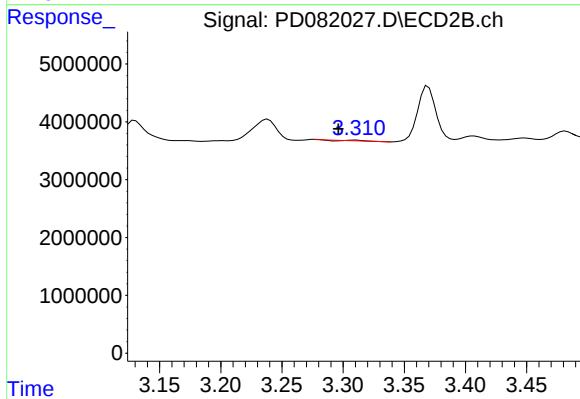
#1 Tetrachloro-m-xylene

R.T.: 2.791 min  
Delta R.T.: -0.003 min  
Response: 36146400  
Conc: 14.74 ng/ml



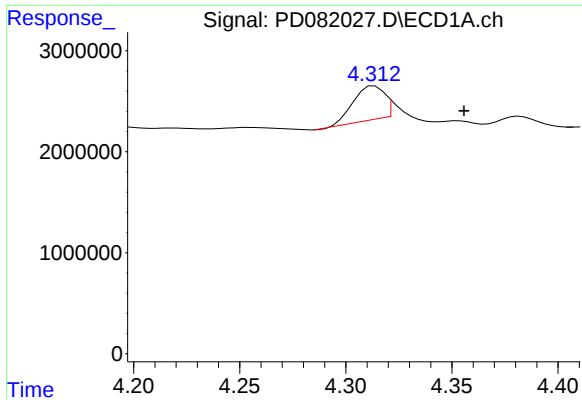
#2 alpha-BHC

R.T.: 3.983 min  
Delta R.T.: -0.039 min  
Response: 2112089  
Conc: 0.90 ng/ml



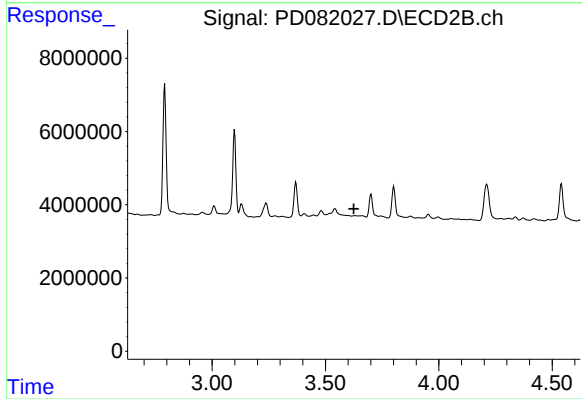
#2 alpha-BHC

R.T.: 3.310 min  
Delta R.T.: 0.014 min  
Response: 57343  
Conc: N.D.



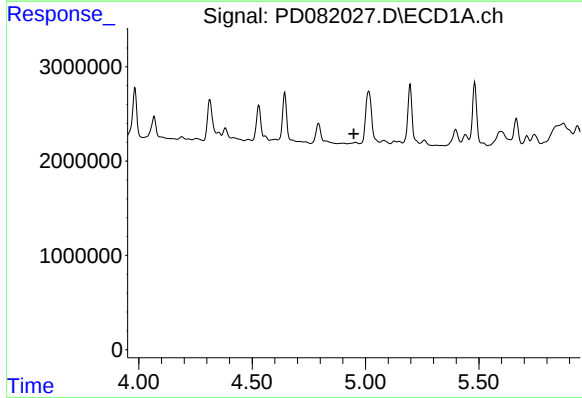
#3 gamma-BHC (Lindane)

R.T.: 4.314 min  
Delta R.T.: -0.042 min  
Response: 3538931  
Conc: 1.53 ng/ml



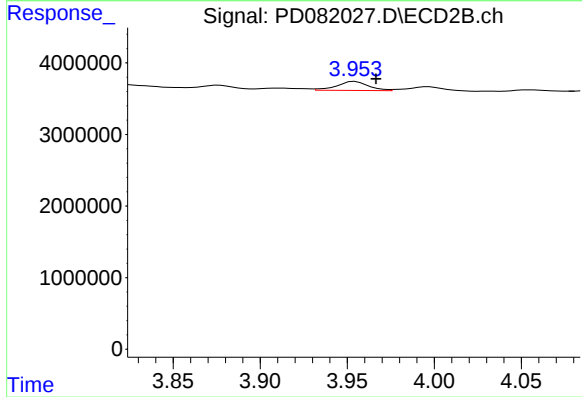
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.626 min  
Response: 0  
Conc: N.D.



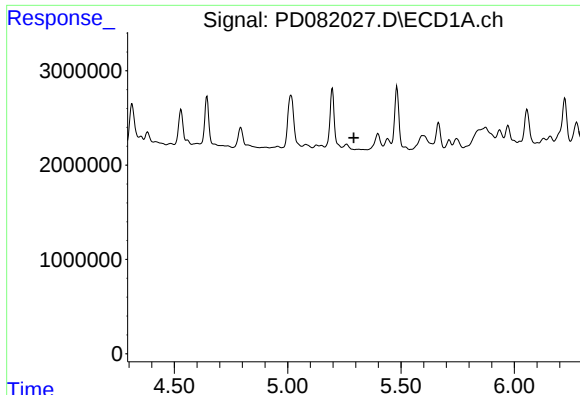
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.949 min  
Response: 0  
Conc: N.D.



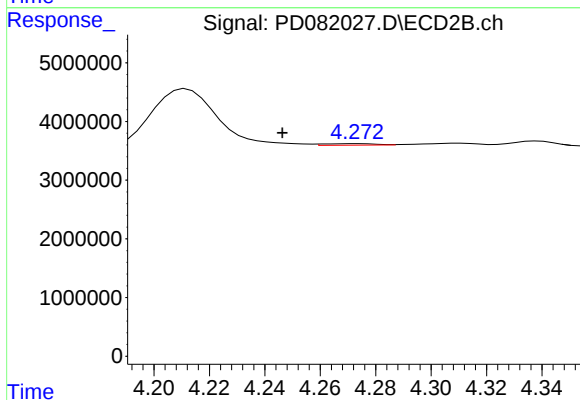
#4 Heptachlor

R.T.: 3.954 min  
Delta R.T.: -0.012 min  
Response: 1606791  
Conc: 0.45 ng/ml



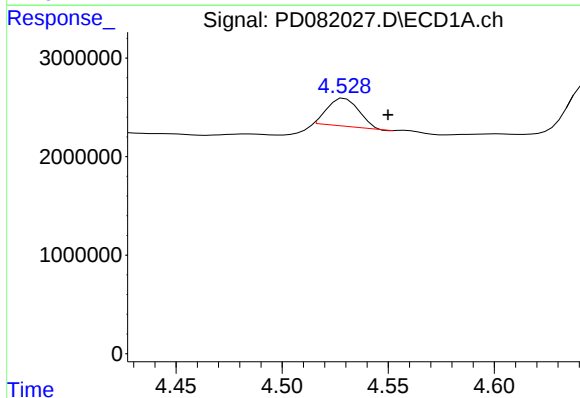
#5 Aldrin

R.T.: 0.000 min  
Exp R.T.: 5.292 min  
Response: 0  
Conc: N.D.



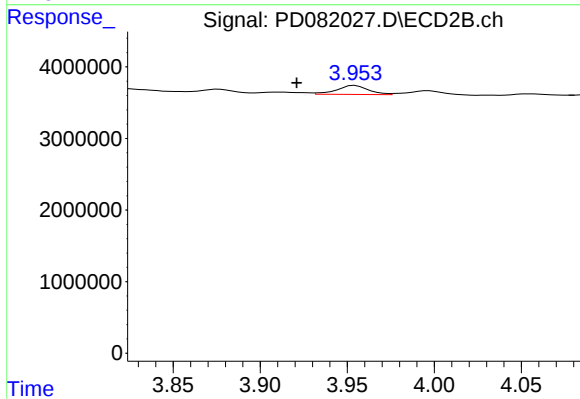
#5 Aldrin

R.T.: 4.274 min  
Delta R.T.: 0.027 min  
Response: 353151  
Conc: 0.10 ng/ml



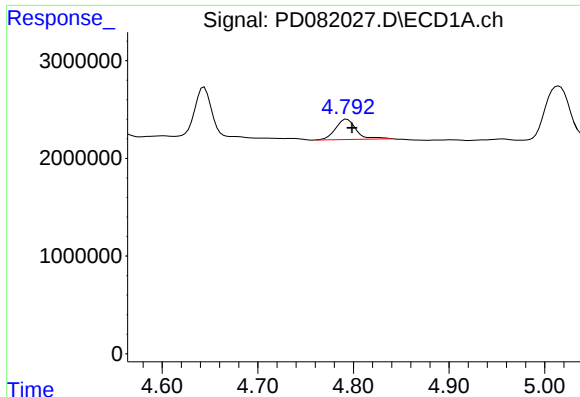
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: -0.020 min  
Response: 2895050  
Conc: 2.79 ng/ml



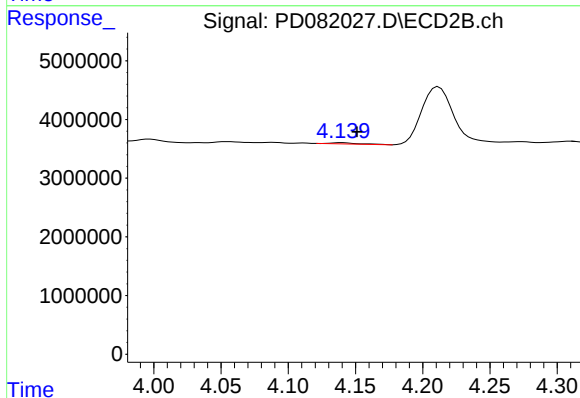
#6 beta-BHC

R.T.: 3.954 min  
Delta R.T.: 0.034 min  
Response: 1606791  
Conc: 0.95 ng/ml



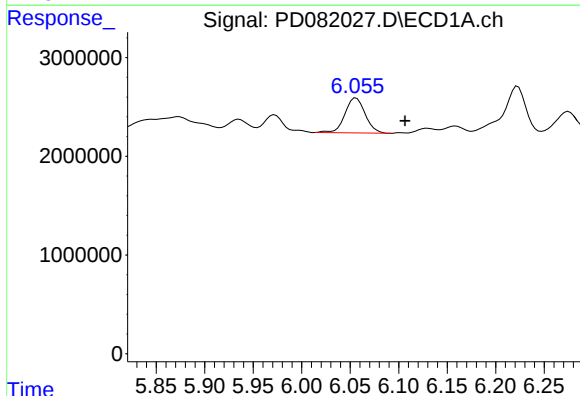
#7 delta-BHC

R.T.: 4.793 min  
Delta R.T.: -0.006 min  
Response: 3152866  
Conc: 1.33 ng/ml



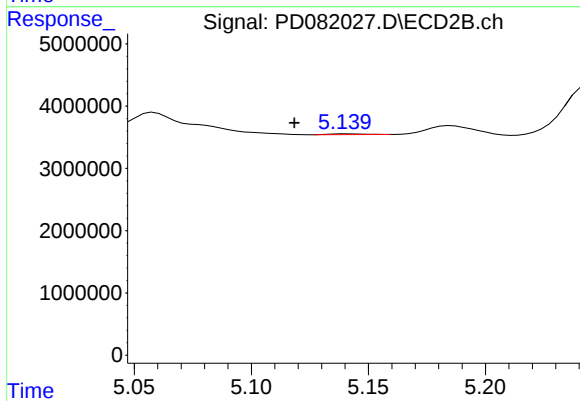
#7 delta-BHC

R.T.: 4.140 min  
Delta R.T.: -0.011 min  
Response: 288562  
Conc: N.D.



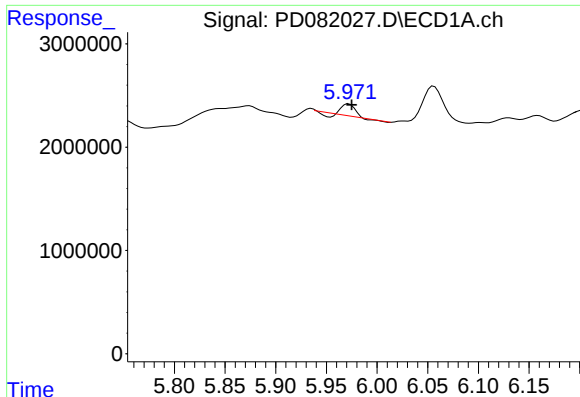
#9 Endosulfan I

R.T.: 6.056 min  
Delta R.T.: -0.050 min  
Response: 5159703  
Conc: 2.45 ng/ml



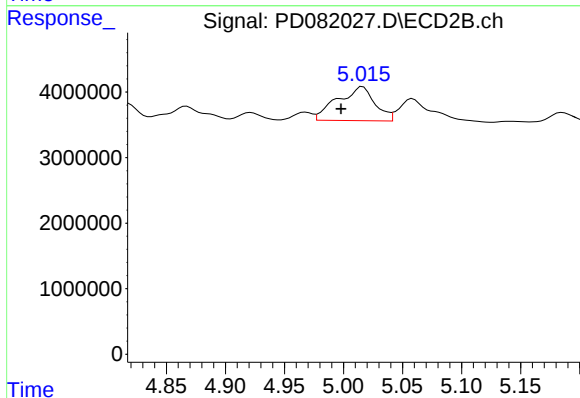
#9 Endosulfan I

R.T.: 5.141 min  
Delta R.T.: 0.022 min  
Response: 122333  
Conc: N.D.



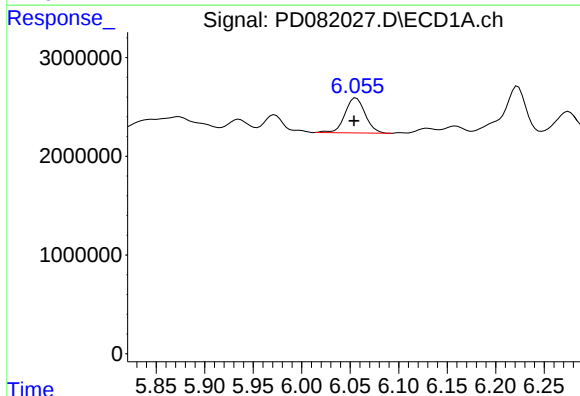
#10 trans-Chlordane

R.T.: 5.972 min  
Delta R.T.: -0.003 min  
Response: 871063  
Conc: 0.40 ng/ml



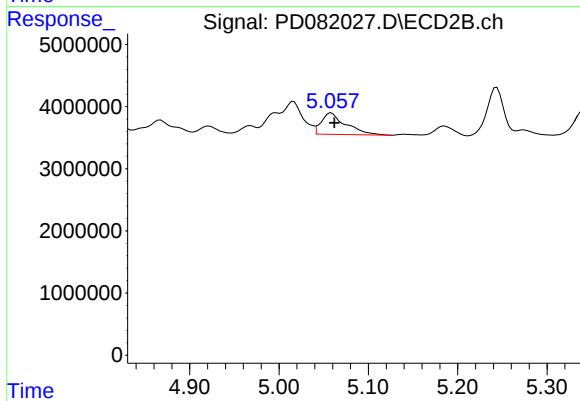
#10 trans-Chlordane

R.T.: 5.016 min  
Delta R.T.: 0.018 min  
Response: 11478828  
Conc: 3.68 ng/ml



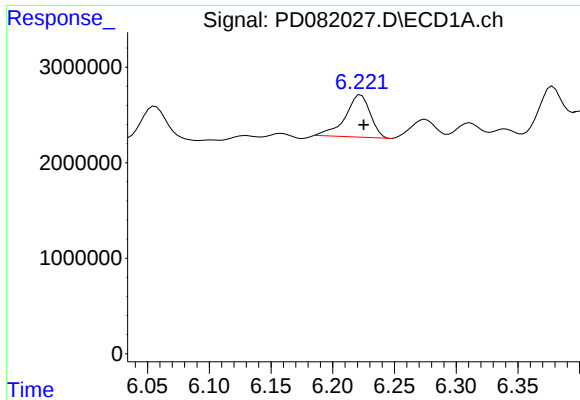
#11 cis-Chlordane

R.T.: 6.056 min  
Delta R.T.: 0.002 min  
Response: 5159703  
Conc: 2.29 ng/ml



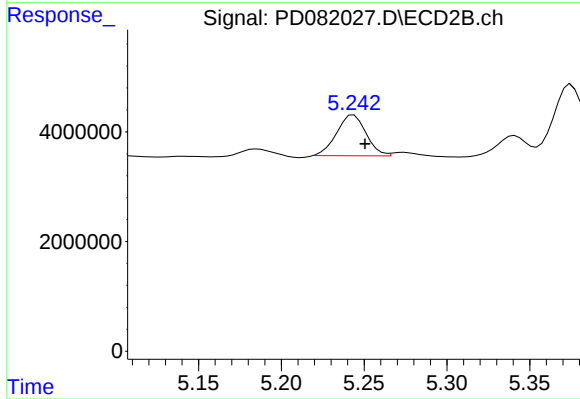
#11 cis-Chlordane

R.T.: 5.059 min  
Delta R.T.: -0.003 min  
Response: 6604931  
Conc: 2.06 ng/ml



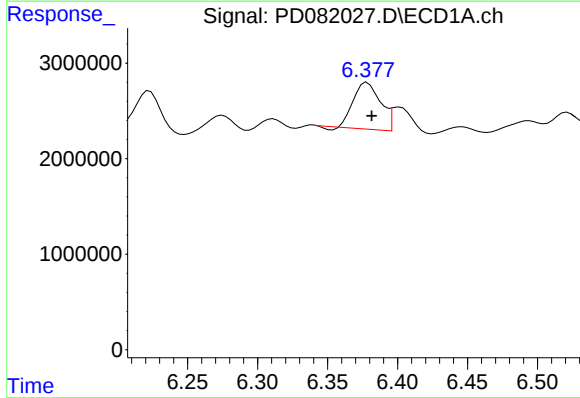
#12 4,4'-DDE

R.T.: 6.223 min  
Delta R.T.: -0.002 min  
Response: 6242314  
Conc: 2.91 ng/ml



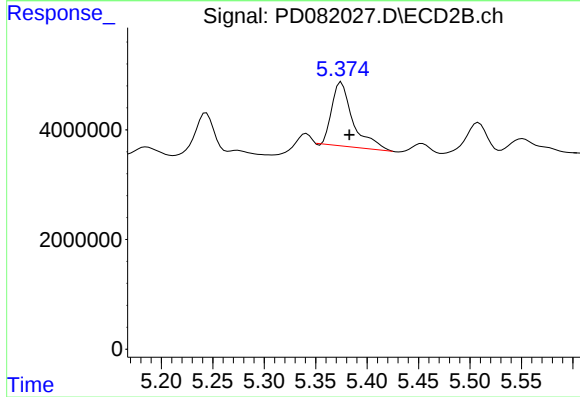
#12 4,4'-DDE

R.T.: 5.244 min  
Delta R.T.: -0.007 min  
Response: 9195049  
Conc: 3.11 ng/ml



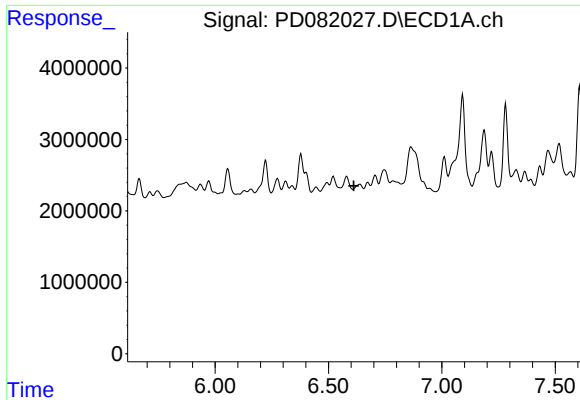
#13 Dieldrin

R.T.: 6.378 min  
Delta R.T.: -0.003 min  
Response: 6521660  
Conc: 2.94 ng/ml



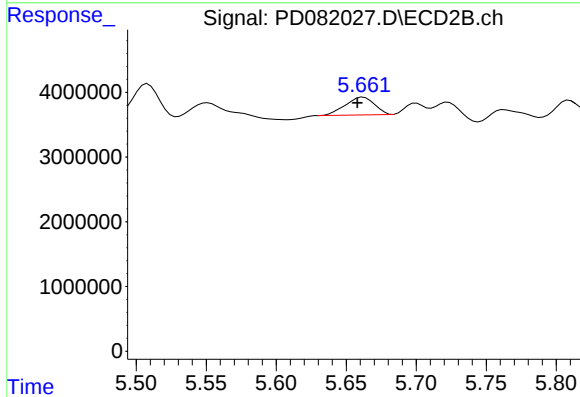
#13 Dieldrin

R.T.: 5.375 min  
Delta R.T.: -0.008 min  
Response: 16422688  
Conc: 5.00 ng/ml



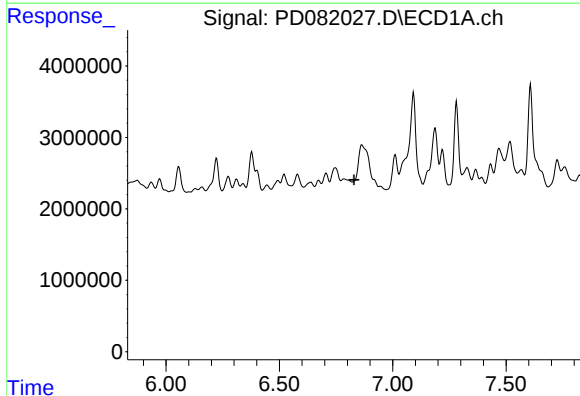
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.612 min  
Response: 0  
Conc: N.D.



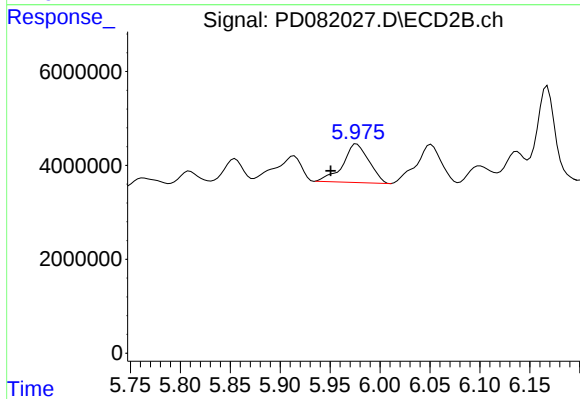
#14 Endrin

R.T.: 5.662 min  
Delta R.T.: 0.004 min  
Response: 3982713  
Conc: 1.39 ng/ml



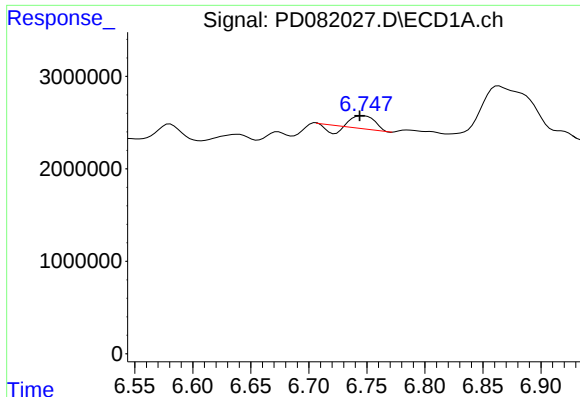
#15 Endosulfan II

R.T.: 6.864 min  
Delta R.T.: 0.034 min  
Response: -19728  
Conc: N.D.



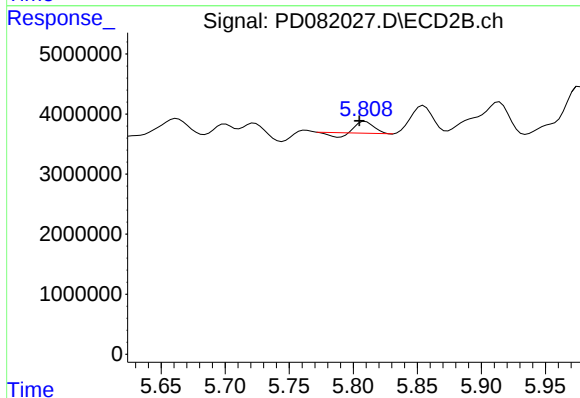
#15 Endosulfan II

R.T.: 5.977 min  
Delta R.T.: 0.026 min  
Response: 14892293  
Conc: 5.28 ng/ml



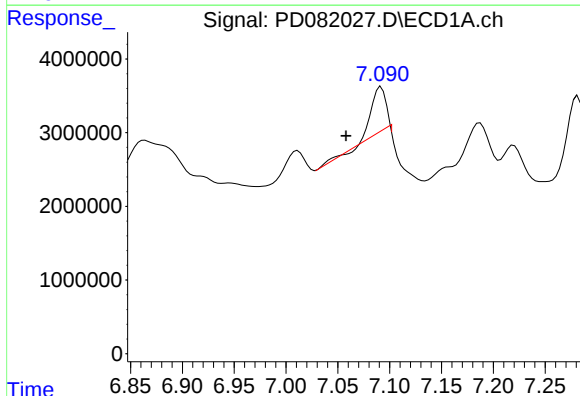
#16 4,4'-DDD

R.T.: 6.747 min  
Delta R.T.: 0.003 min  
Response: 1378746  
Conc: 0.83 ng/ml



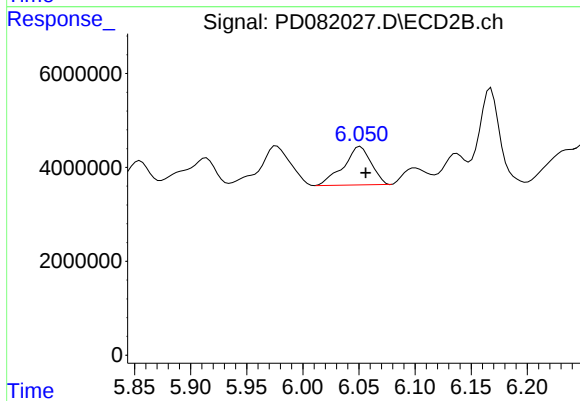
#16 4,4'-DDD

R.T.: 5.809 min  
Delta R.T.: 0.005 min  
Response: 1378835  
Conc: 0.55 ng/ml



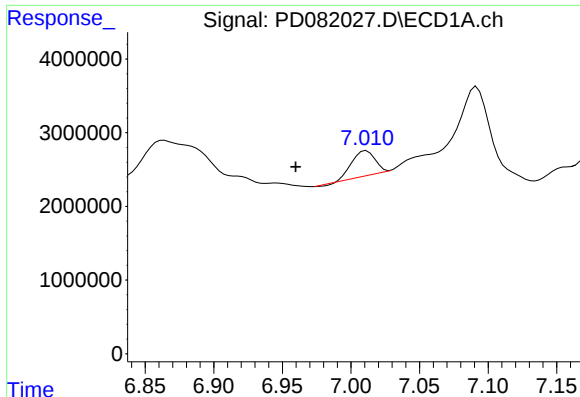
#17 4,4'-DDT

R.T.: 7.092 min  
Delta R.T.: 0.034 min  
Response: 6003502  
Conc: 3.46 ng/ml



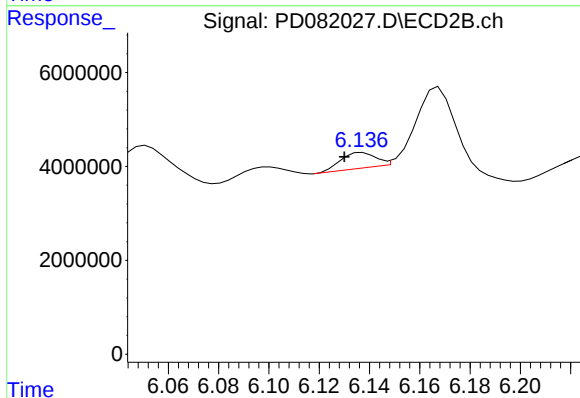
#17 4,4'-DDT

R.T.: 6.051 min  
Delta R.T.: -0.005 min  
Response: 14043573  
Conc: 5.44 ng/ml



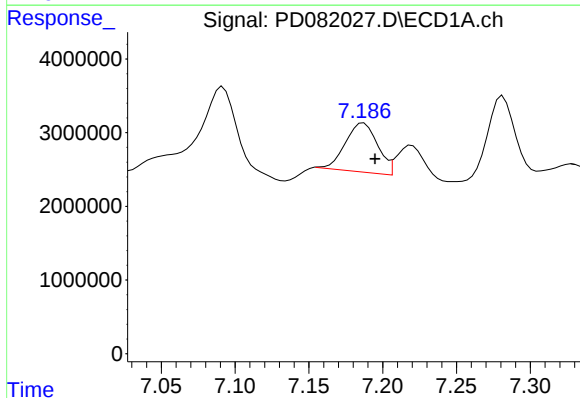
#18 Endrin aldehyde

R.T.: 7.011 min  
Delta R.T.: 0.052 min  
Response: 3847909  
Conc: 2.58 ng/ml



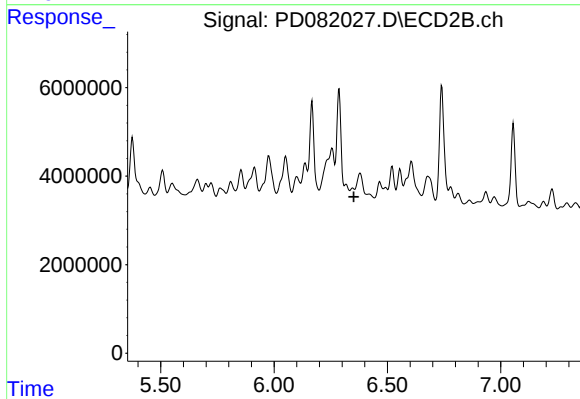
#18 Endrin aldehyde

R.T.: 6.137 min  
Delta R.T.: 0.007 min  
Response: 3128100  
Conc: 1.44 ng/ml



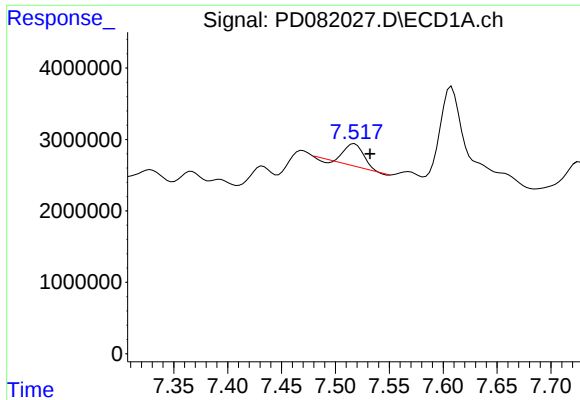
#19 Endosulfan Sulfate

R.T.: 7.187 min  
Delta R.T.: -0.008 min  
Response: 10119569  
Conc: 5.53 ng/ml



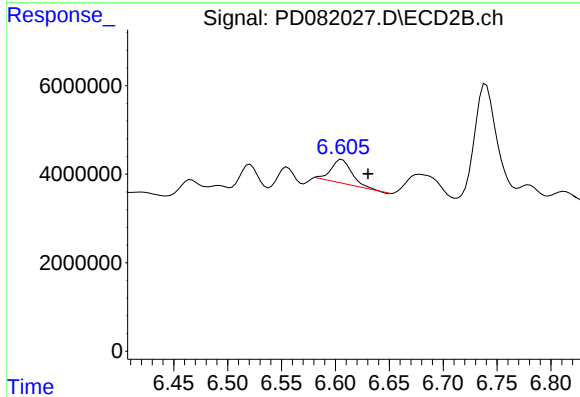
#19 Endosulfan Sulfate

R.T.: 6.347 min  
Delta R.T.: -0.005 min  
Response: -384580  
Conc: N.D.



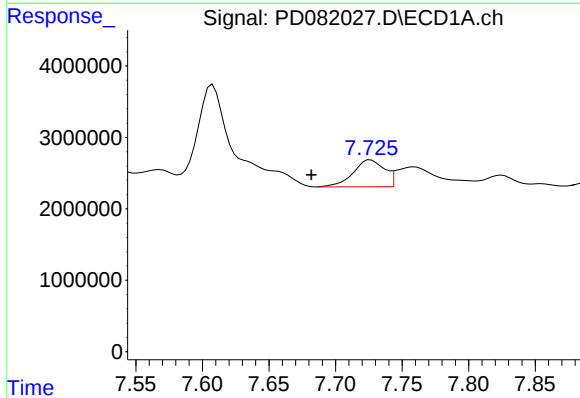
#20 Methoxychlor

R.T.: 7.518 min  
Delta R.T.: -0.015 min  
Response: 3696655  
Conc: 4.03 ng/ml



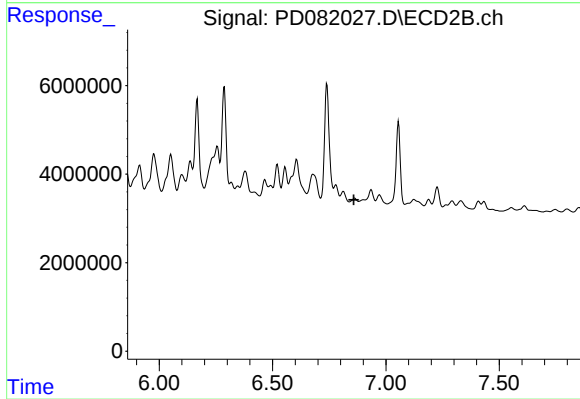
#20 Methoxychlor

R.T.: 6.606 min  
Delta R.T.: -0.024 min  
Response: 7250205  
Conc: 5.43 ng/ml



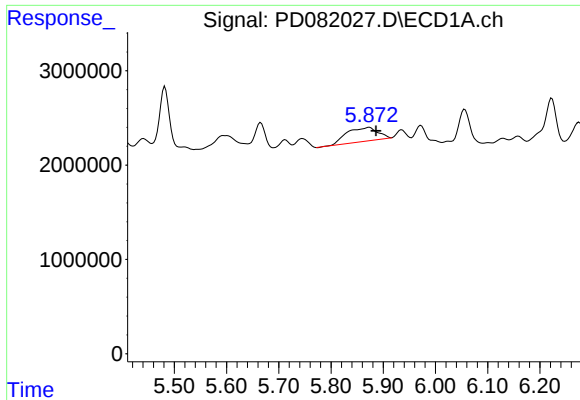
#21 Endrin ketone

R.T.: 7.726 min  
Delta R.T.: 0.045 min  
Response: 6168869  
Conc: 3.19 ng/ml



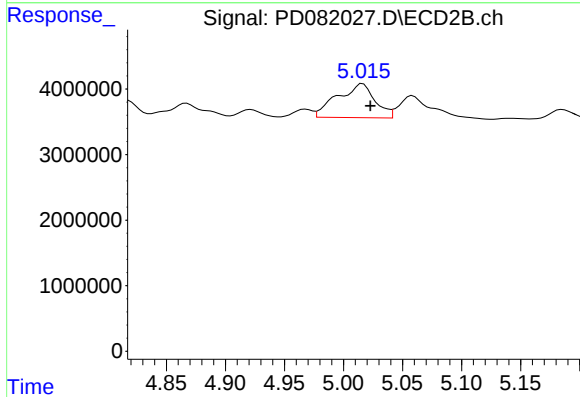
#21 Endrin ketone

R.T.: 6.863 min  
Delta R.T.: 0.004 min  
Response: -242186  
Conc: N.D.



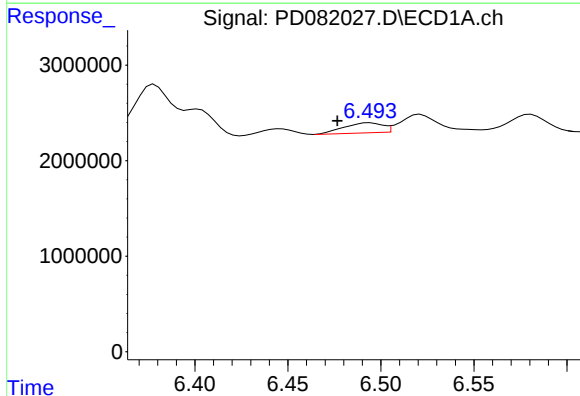
#22 Toxaphene-1

R.T.: 5.873 min  
Delta R.T.: -0.013 min  
Response: 6007983  
Conc: 919.83 ng/ml



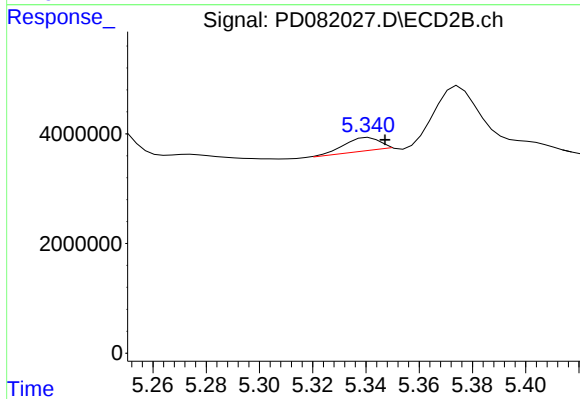
#22 Toxaphene-1

R.T.: 5.016 min  
Delta R.T.: -0.007 min  
Response: 11478828  
Conc: 701.12 ng/ml



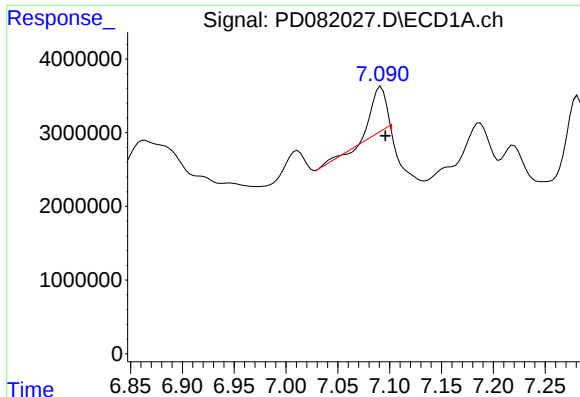
#23 Toxaphene-2

R.T.: 6.494 min  
Delta R.T.: 0.017 min  
Response: 1515706  
Conc: 79.95 ng/ml



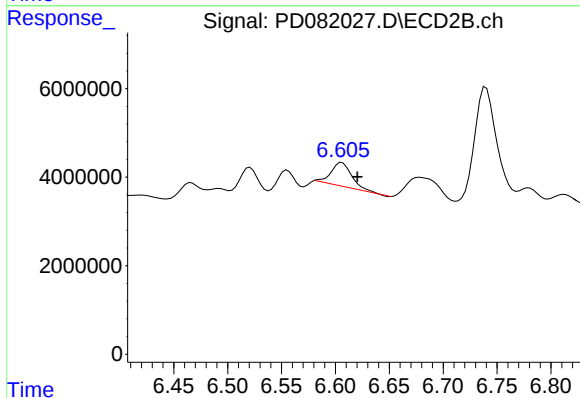
#23 Toxaphene-2

R.T.: 5.341 min  
Delta R.T.: -0.006 min  
Response: 2449695  
Conc: 143.73 ng/ml



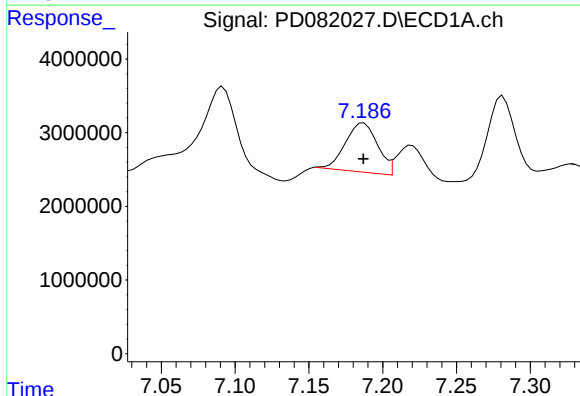
#24 Toxaphene-3

R.T.: 7.092 min  
Delta R.T.: -0.004 min  
Response: 6003502  
Conc: 113.52 ng/ml



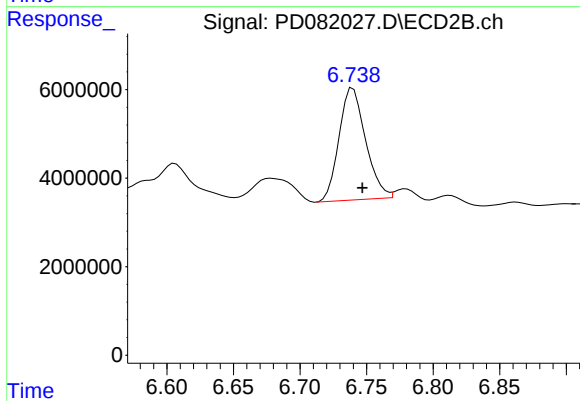
#24 Toxaphene-3

R.T.: 6.606 min  
Delta R.T.: -0.014 min  
Response: 7250205  
Conc: 123.87 ng/ml



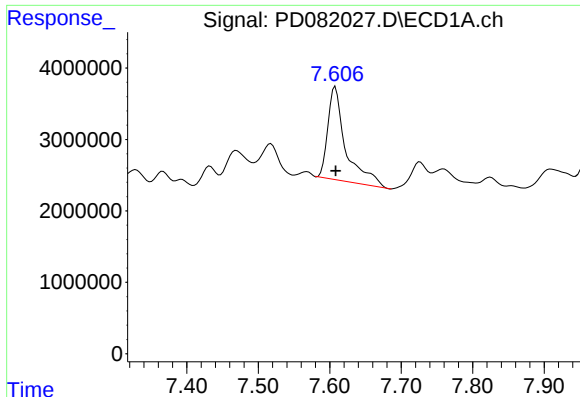
#25 Toxaphene-4

R.T.: 7.187 min  
Delta R.T.: 0.000 min  
Response: 10119569  
Conc: 255.82 ng/ml



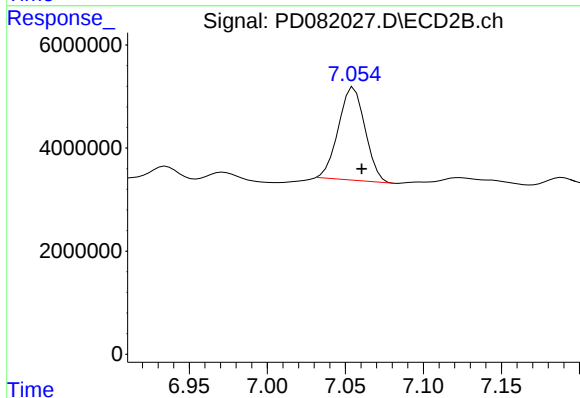
#25 Toxaphene-4

R.T.: 6.740 min  
Delta R.T.: -0.007 min  
Response: 35115075  
Conc: 441.28 ng/ml



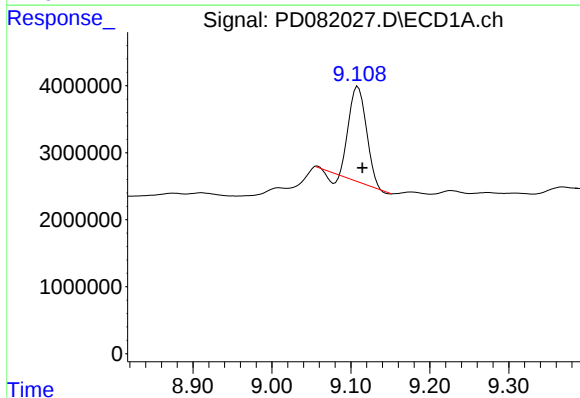
#26 Toxaphene-5

R.T.: 7.608 min  
Delta R.T.: 0.000 min  
Response: 22806090  
Conc: 768.96 ng/ml



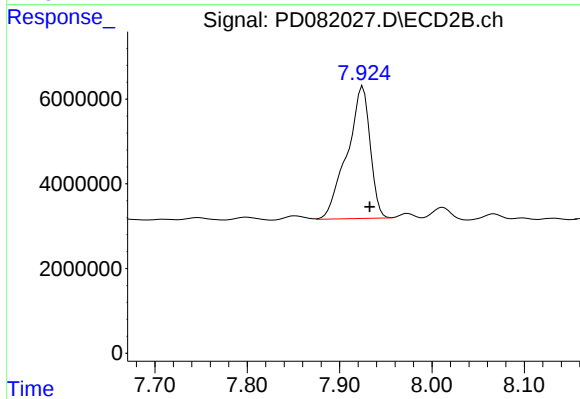
#26 Toxaphene-5

R.T.: 7.055 min  
Delta R.T.: -0.005 min  
Response: 21285386  
Conc: 656.41 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.109 min  
Delta R.T.: -0.006 min  
Response: 21154883  
Conc: 10.96 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.925 min  
Delta R.T.: -0.008 min  
Response: 53827368  
Conc: 21.70 ng/ml