

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070923\  
 Data File : PD076438.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2023 20:28  
 Operator : AR\AJ  
 Sample : 03414-19  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 03:03:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070523CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 05 14:30:19 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

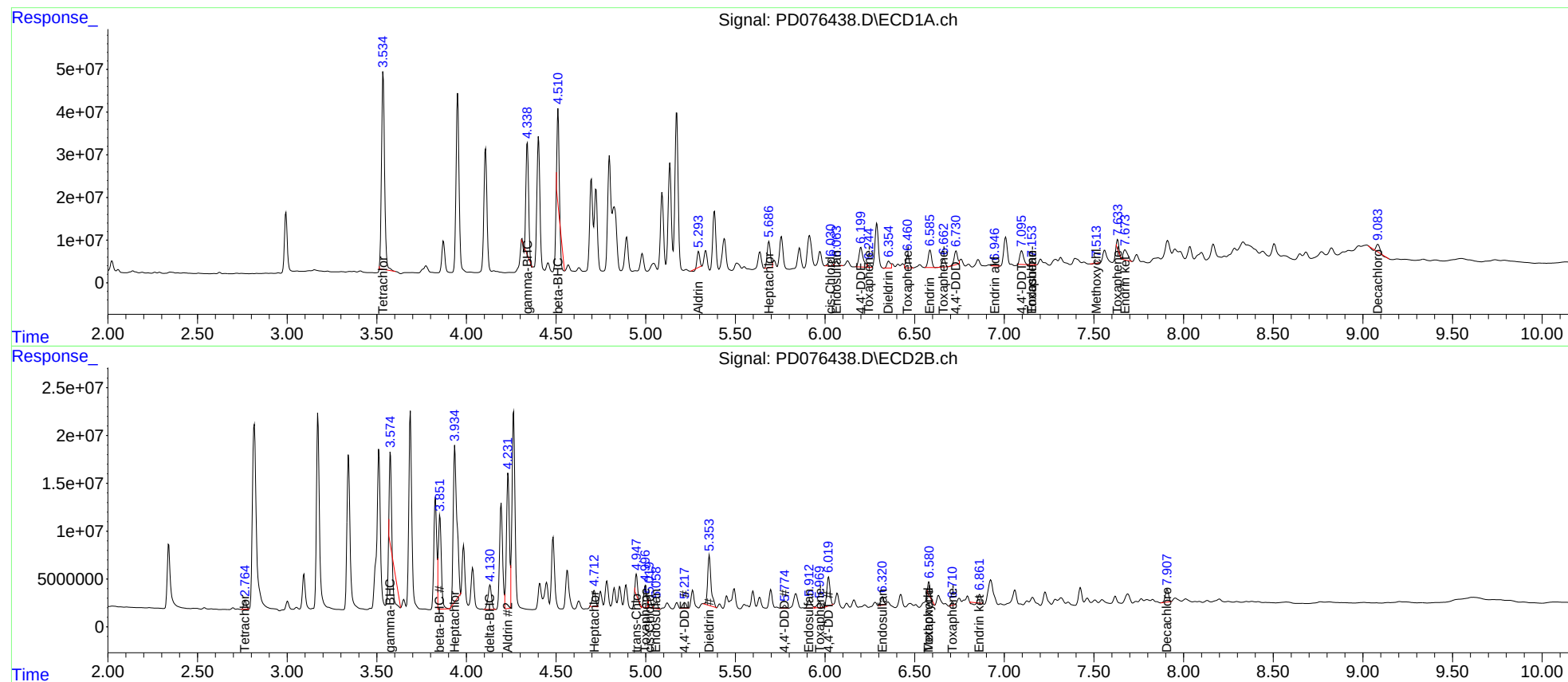
|                             | Compound        | RT#1   | RT#2   | Resp#1    | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|-----------|----------|----------|------------|
| -----                       |                 |        |        |           |          |          |            |
| System Monitoring Compounds |                 |        |        |           |          |          |            |
| 1)                          | SA Tetrachlo... | 3.536  | 2.766  | 547.3E6   | 9171588  | 252.430  | 8.912 #    |
| 27)                         | SA Decachlor... | 9.084  | 7.909  | 17612221  | 16839830 | 6.943    | 18.454 #   |
| Target Compounds            |                 |        |        |           |          |          |            |
| 3)                          | MA gamma-BHC... | 4.340  | 3.576  | 272.1E6   | 24610925 | 80.113   | 17.101 #   |
| 4)                          | MA Heptachlor   | 4.944  | 3.935  | -13293687 | 227.7E6  | N.D.     | 157.542    |
| 5)                          | MB Aldrin       | 5.295f | 4.233  | 36171211  | 159.5E6  | 10.522   | 112.706 #  |
| 6)                          | B beta-BHC      | 4.511  | 3.852f | 129.8E6   | 114.5E6  | 85.725   | 170.758 #  |
| 8)                          | B Heptachlo...  | 5.688  | 4.713  | 75887673  | 20817009 | 23.803   | 15.733 #   |
| 9)                          | A Endosulfan I  | 6.065  | 5.059  | 13463143  | 8475590  | 4.634    | 7.326 #    |
| 10)                         | B trans-Chl...  | 5.973  | 4.948  | -2063617  | 17442704 | N.D.     | 13.810     |
| 11)                         | B cis-Chlor...  | 6.032  | 5.020  | 19895806  | 12092327 | 6.239    | 9.322 #    |
| 12)                         | B 4,4'-DDE      | 6.200  | 5.218  | 75302199  | 8405217  | 25.887   | 7.873 #    |
| 13)                         | MA Dieldrin     | 6.355  | 5.355  | 21386163  | 69042297 | 6.633    | 52.344 #   |
| 14)                         | MA Endrin       | 6.586  | 5.636  | 54309103  | -6778260 | 21.044   | N.D. #     |
| 15)                         | B Endosulfa...  | 6.801  | 5.913  | -3137318  | 11751911 | N.D.     | 10.573     |
| 16)                         | A 4,4'-DDD      | 6.731  | 5.776  | 40972268  | 3552532  | 17.944   | 4.397 #    |
| 17)                         | MA 4,4'-DDT     | 7.097f | 6.020  | 46449103  | 37579684 | 20.513   | 45.087 #   |
| 18)                         | B Endrin al...  | 6.947  | 6.121  | 7555674   | -2417134 | 4.198    | N.D. #     |
| 19)                         | B Endosulfa...  | 7.155  | 6.321  | 11344120  | 10864816 | 4.481    | 10.605 #   |
| 20)                         | A Methoxychlor  | 7.516  | 6.580  | 4643830   | 10231765 | 3.480    | 22.426 #   |
| 21)                         | B Endrin ke...  | 7.674  | 6.863  | 38668872  | 7515151  | 13.555   | 6.378 #    |
| 22)                         | Toxaphene-1     | 6.246  | 4.997  | 11237843  | 26048161 | 479.602  | 3625.278 # |
| 23)                         | Toxaphene-2     | 6.462  | 5.636f | 40478938  | -6778260 | 1388.548 | N.D. #     |
| 24)                         | Toxaphene-3     | 6.663  | 5.971  | 25002641  | 9227924  | 1229.087 | 1054.391   |
| 25)                         | Toxaphene-4     | 7.155  | 6.580  | 11344120  | 10231765 | 183.787  | 423.993 #  |
| 26)                         | Toxaphene-5     | 7.632f | 6.711  | 17862791  | 3157402  | 399.105  | 89.719 #   |
| -----                       |                 |        |        |           |          |          |            |

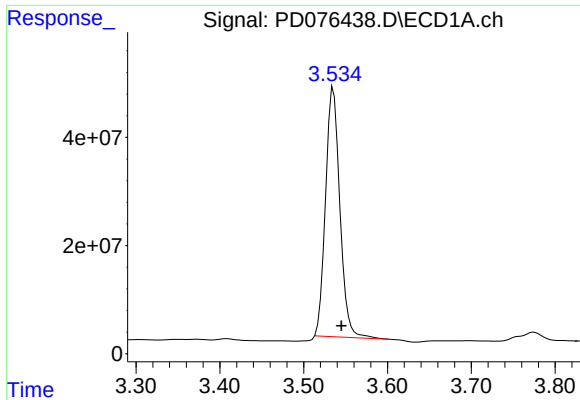
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070923\  
Data File : PD076438.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2023 20:28  
Operator : AR\AJ  
Sample : 03414-19  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 03:03:27 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070523CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 05 14:30:19 2023  
Response via : Initial Calibration  
Integrator: ChemStation

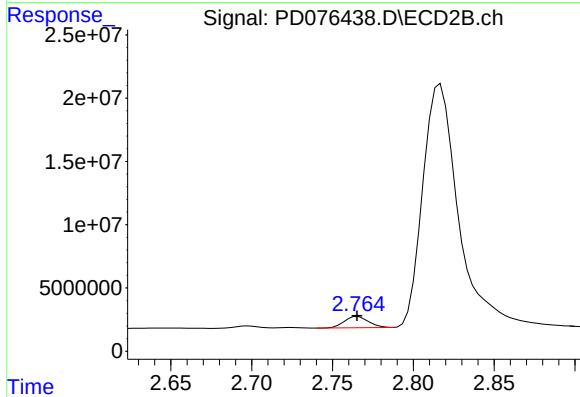
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





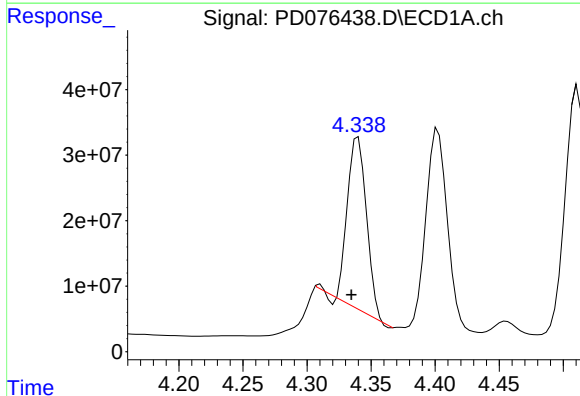
#1 Tetrachloro-m-xylene

R.T.: 3.536 min  
Delta R.T.: -0.009 min  
Response: 547338283  
Conc: 252.43 ng/ml



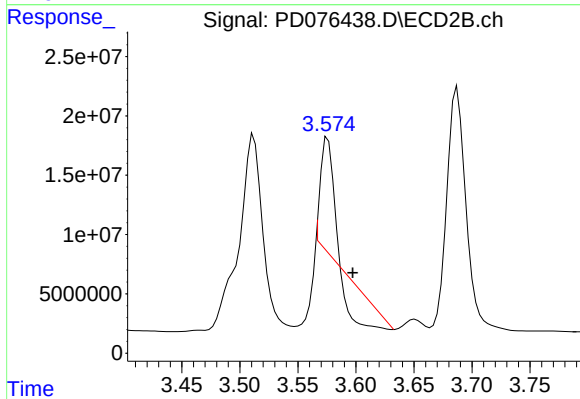
#1 Tetrachloro-m-xylene

R.T.: 2.766 min  
Delta R.T.: 0.000 min  
Response: 9171588  
Conc: 8.91 ng/ml



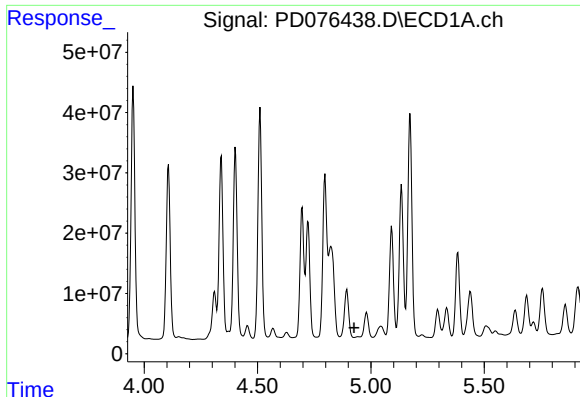
#3 gamma-BHC (Lindane)

R.T.: 4.340 min  
Delta R.T.: 0.005 min  
Response: 272124708  
Conc: 80.11 ng/ml



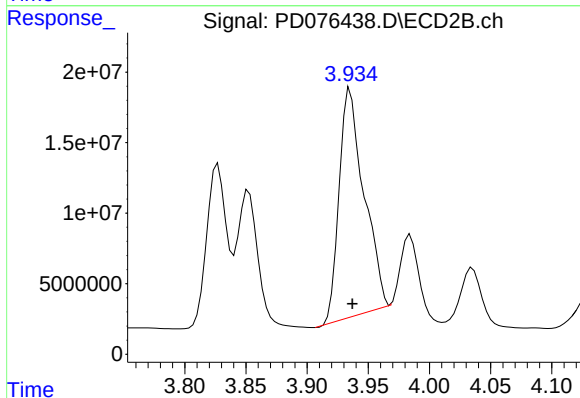
#3 gamma-BHC (Lindane)

R.T.: 3.576 min  
Delta R.T.: -0.021 min  
Response: 24610925  
Conc: 17.10 ng/ml



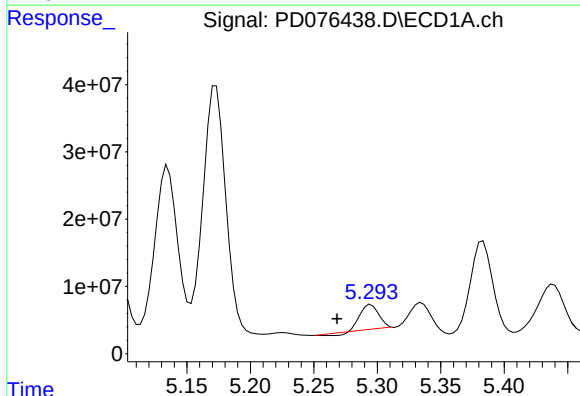
#4 Heptachlor

R.T.: 4.944 min  
Delta R.T.: 0.018 min  
Response: -13293687  
Conc: N.D.



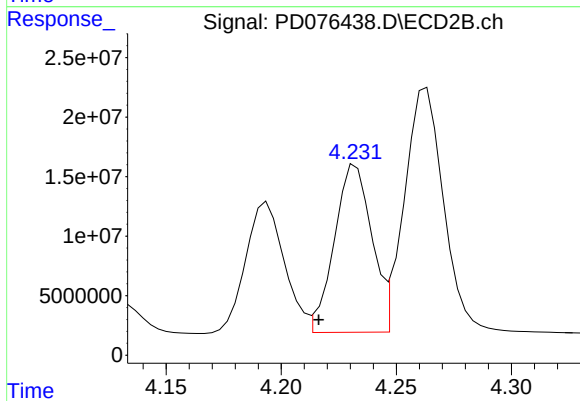
#4 Heptachlor

R.T.: 3.935 min  
Delta R.T.: -0.002 min  
Response: 227706515  
Conc: 157.54 ng/ml



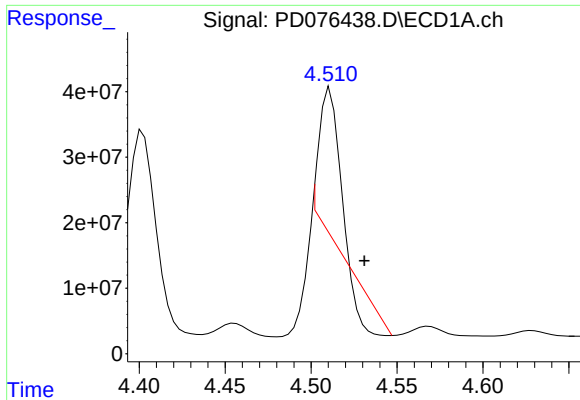
#5 Aldrin

R.T.: 5.295 min  
Delta R.T.: 0.027 min  
Response: 36171211  
Conc: 10.52 ng/ml



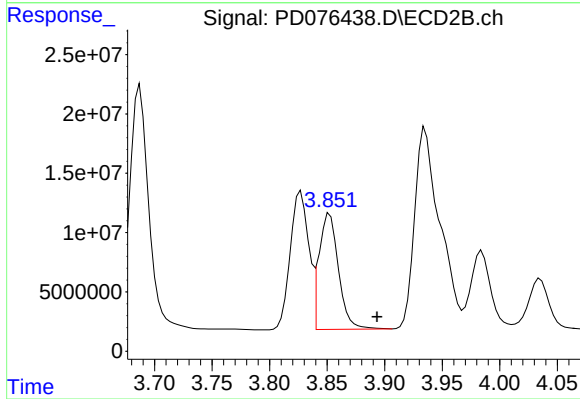
#5 Aldrin

R.T.: 4.233 min  
Delta R.T.: 0.016 min  
Response: 159511195  
Conc: 112.71 ng/ml



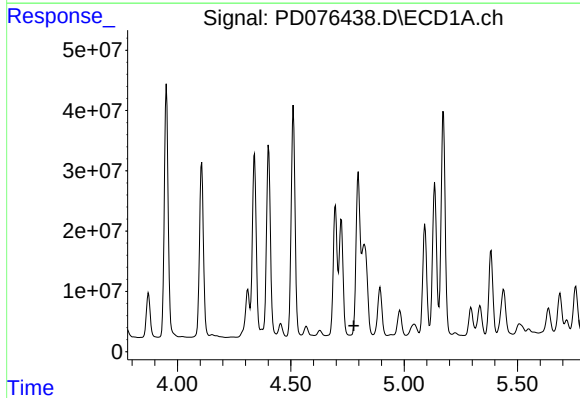
#6 beta-BHC

R.T.: 4.511 min  
Delta R.T.: -0.020 min  
Response: 129760115  
Conc: 85.72 ng/ml



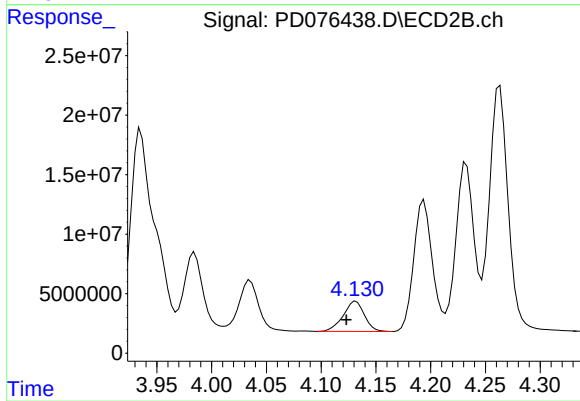
#6 beta-BHC

R.T.: 3.852 min  
Delta R.T.: -0.041 min  
Response: 114501959  
Conc: 170.76 ng/ml



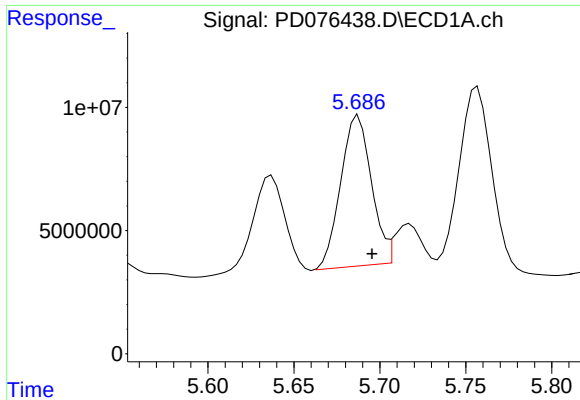
#7 delta-BHC

R.T.: 4.798 min  
Delta R.T.: 0.019 min  
Response: -101368040  
Conc: N.D.



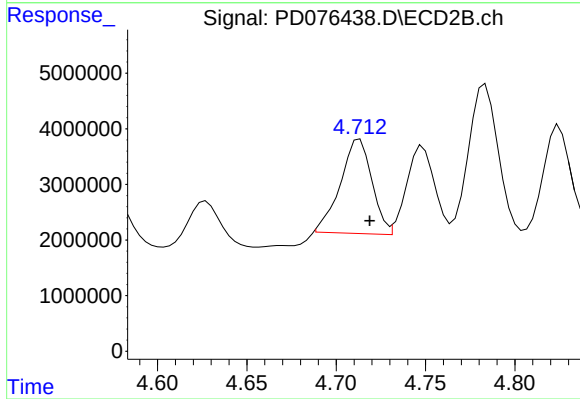
#7 delta-BHC

R.T.: 4.132 min  
Delta R.T.: 0.009 min  
Response: 34059521  
Conc: 23.96 ng/ml



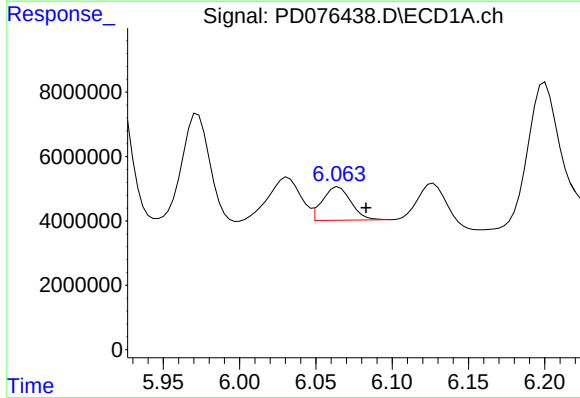
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: -0.008 min  
Response: 75887673  
Conc: 23.80 ng/ml



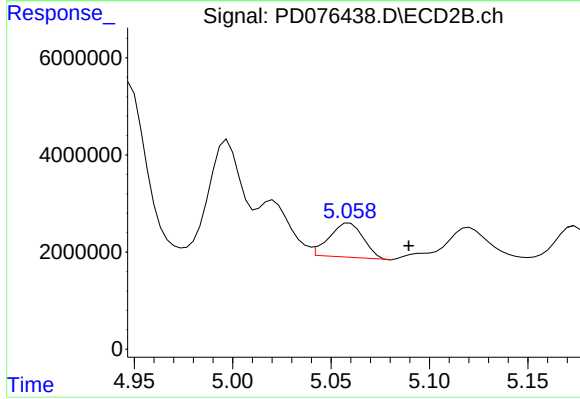
#8 Heptachlor epoxide

R.T.: 4.713 min  
Delta R.T.: -0.006 min  
Response: 20817009  
Conc: 15.73 ng/ml



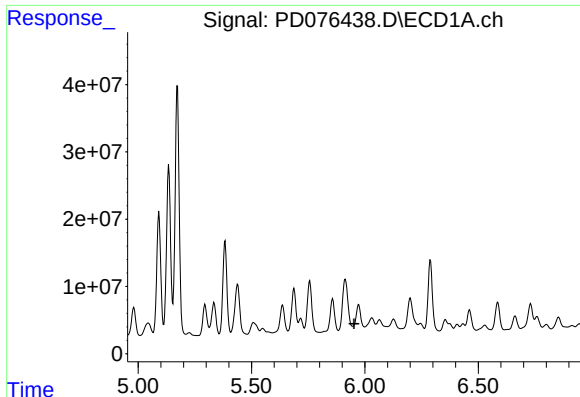
#9 Endosulfan I

R.T.: 6.065 min  
Delta R.T.: -0.018 min  
Response: 13463143  
Conc: 4.63 ng/ml



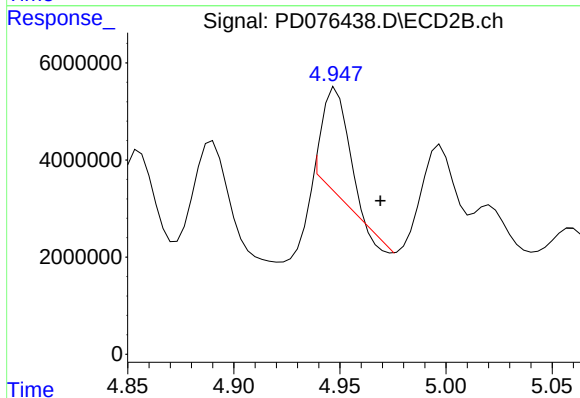
#9 Endosulfan I

R.T.: 5.059 min  
Delta R.T.: -0.030 min  
Response: 8475590  
Conc: 7.33 ng/ml



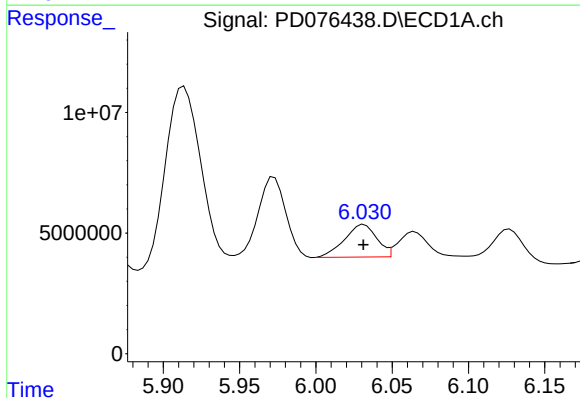
#10 trans-Chlordane

R.T.: 5.973 min  
Delta R.T.: 0.020 min  
Response: -2063617  
Conc: N.D.



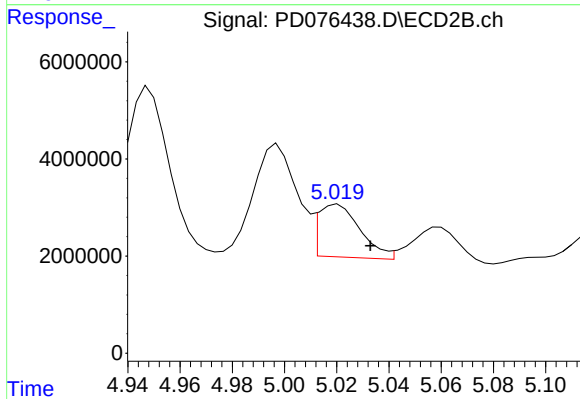
#10 trans-Chlordane

R.T.: 4.948 min  
Delta R.T.: -0.021 min  
Response: 17442704  
Conc: 13.81 ng/ml



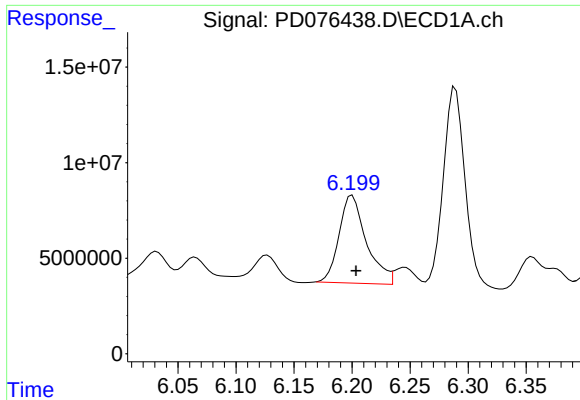
#11 cis-Chlordane

R.T.: 6.032 min  
Delta R.T.: 0.000 min  
Response: 19895806  
Conc: 6.24 ng/ml



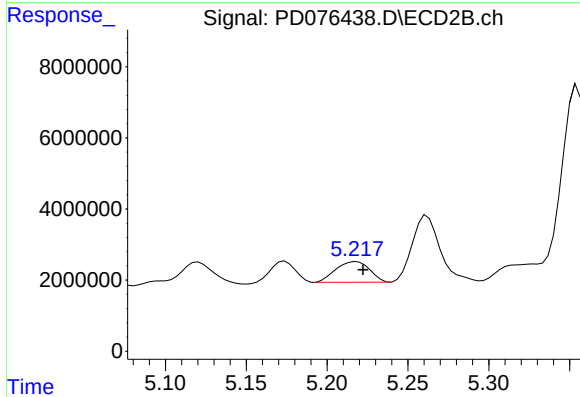
#11 cis-Chlordane

R.T.: 5.020 min  
Delta R.T.: -0.012 min  
Response: 12092327  
Conc: 9.32 ng/ml



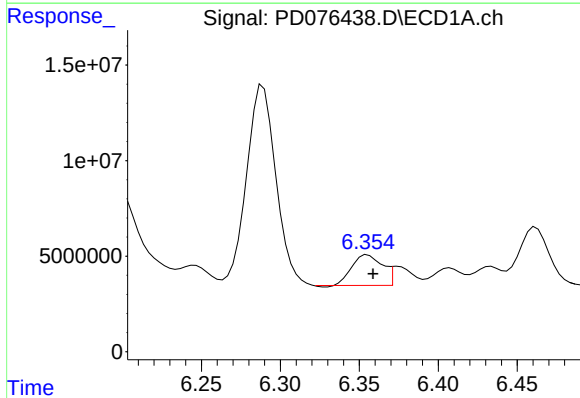
#12 4,4'-DDE

R.T.: 6.200 min  
Delta R.T.: -0.003 min  
Response: 75302199  
Conc: 25.89 ng/ml



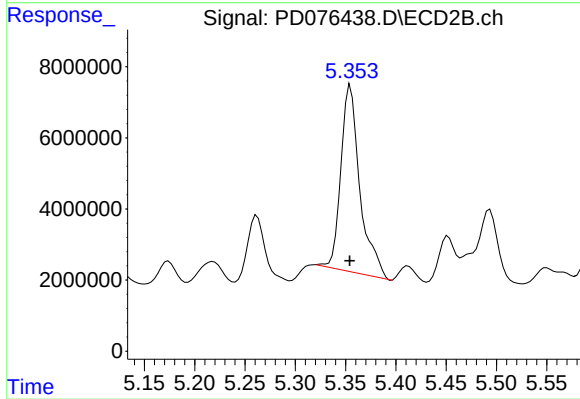
#12 4,4'-DDE

R.T.: 5.218 min  
Delta R.T.: -0.004 min  
Response: 8405217  
Conc: 7.87 ng/ml



#13 Dieldrin

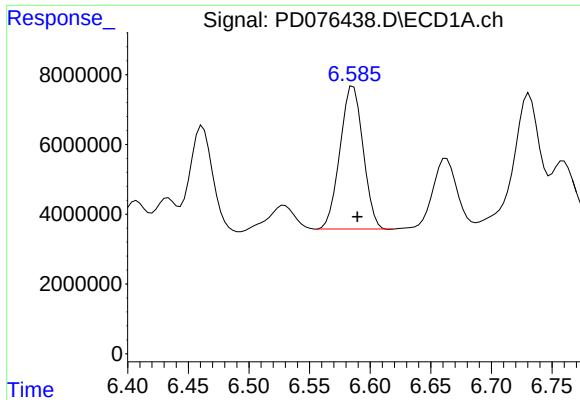
R.T.: 6.355 min  
Delta R.T.: -0.003 min  
Response: 21386163  
Conc: 6.63 ng/ml



#13 Dieldrin

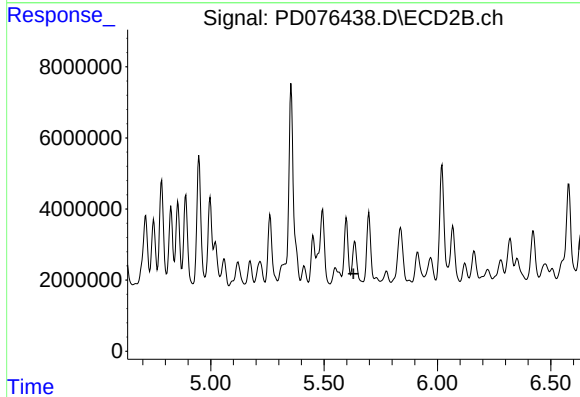
R.T.: 5.355 min  
Delta R.T.: 0.000 min  
Response: 69042297  
Conc: 52.34 ng/ml





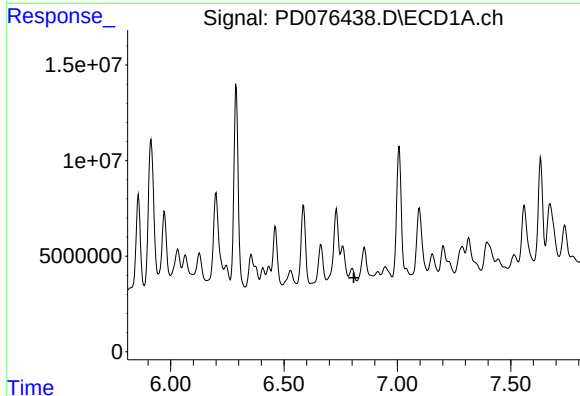
#14 Endrin

R.T.: 6.586 min  
Delta R.T.: -0.003 min  
Response: 54309103  
Conc: 21.04 ng/ml



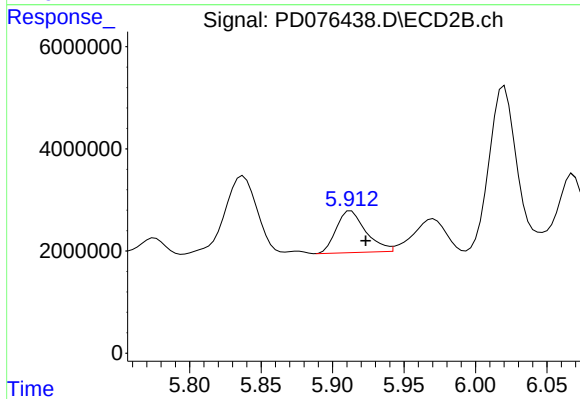
#14 Endrin

R.T.: 5.636 min  
Delta R.T.: 0.006 min  
Response: -6778260  
Conc: N.D.



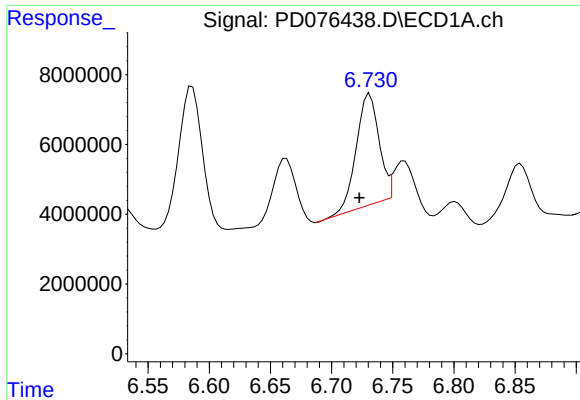
#15 Endosulfan II

R.T.: 6.801 min  
Delta R.T.: -0.006 min  
Response: -3137318  
Conc: N.D.



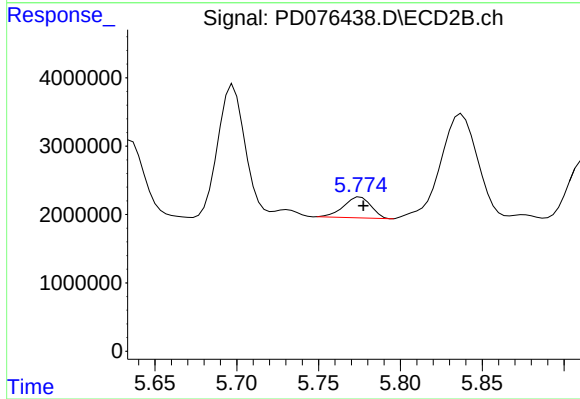
#15 Endosulfan II

R.T.: 5.913 min  
Delta R.T.: -0.010 min  
Response: 11751911  
Conc: 10.57 ng/ml



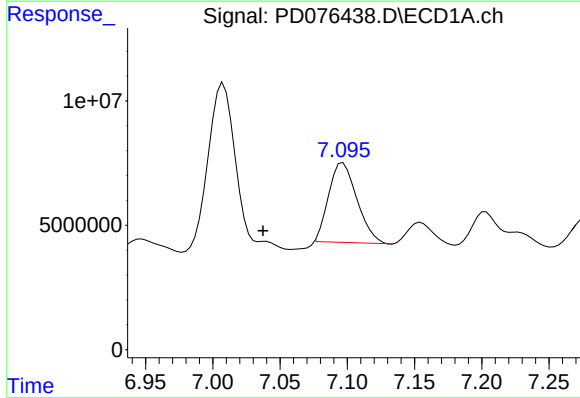
#16 4,4'-DDD

R.T.: 6.731 min  
Delta R.T.: 0.009 min  
Response: 40972268  
Conc: 17.94 ng/ml



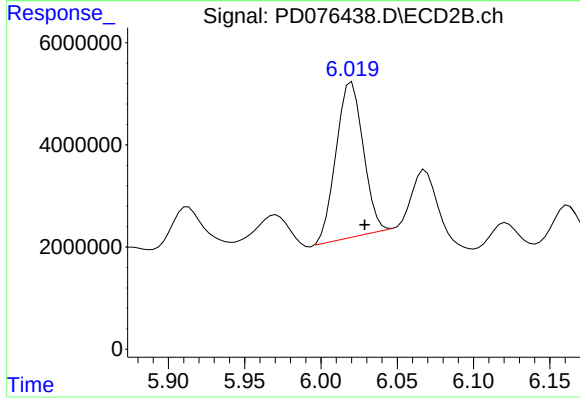
#16 4,4'-DDD

R.T.: 5.776 min  
Delta R.T.: -0.002 min  
Response: 3552532  
Conc: 4.40 ng/ml



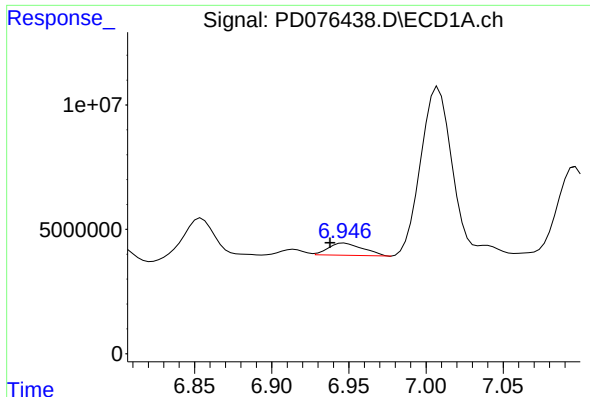
#17 4,4'-DDT

R.T.: 7.097 min  
Delta R.T.: 0.060 min  
Response: 46449103  
Conc: 20.51 ng/ml



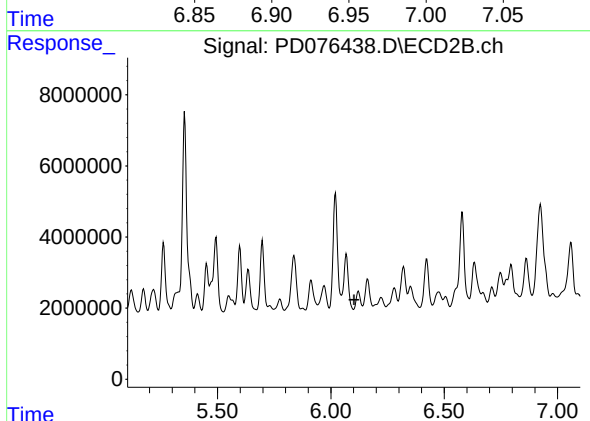
#17 4,4'-DDT

R.T.: 6.020 min  
Delta R.T.: -0.008 min  
Response: 37579684  
Conc: 45.09 ng/ml



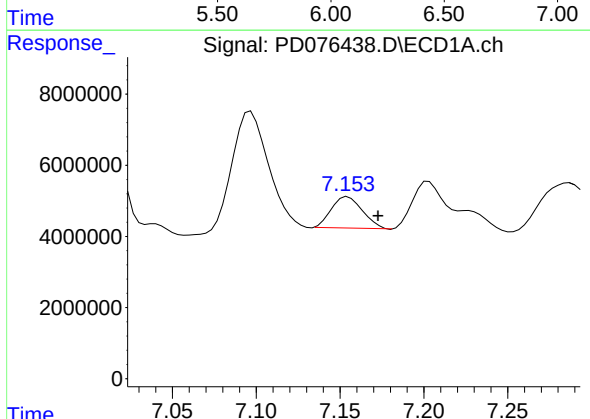
#18 Endrin aldehyde

R.T.: 6.947 min  
Delta R.T.: 0.009 min  
Response: 7555674  
Conc: 4.20 ng/ml



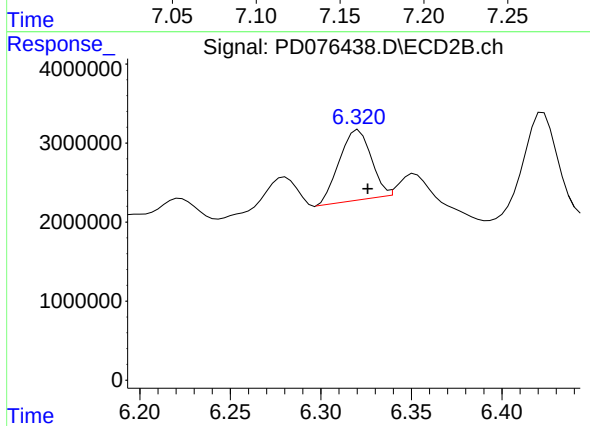
#18 Endrin aldehyde

R.T.: 6.121 min  
Delta R.T.: 0.019 min  
Response: -2417134  
Conc: N.D.



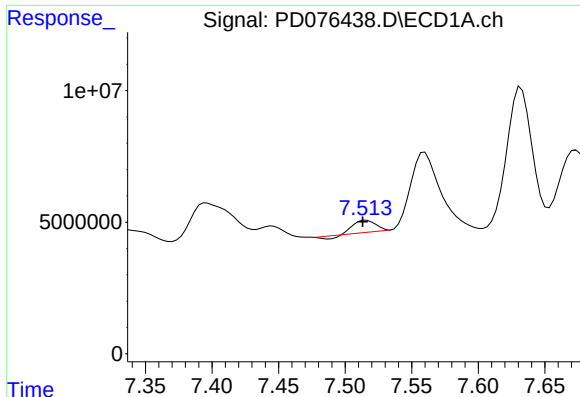
#19 Endosulfan Sulfate

R.T.: 7.155 min  
Delta R.T.: -0.018 min  
Response: 11344120  
Conc: 4.48 ng/ml



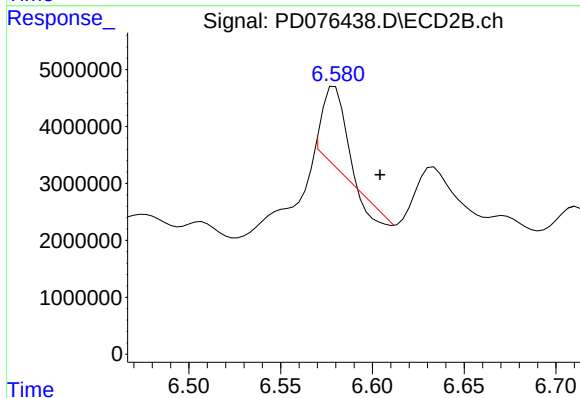
#19 Endosulfan Sulfate

R.T.: 6.321 min  
Delta R.T.: -0.005 min  
Response: 10864816  
Conc: 10.60 ng/ml



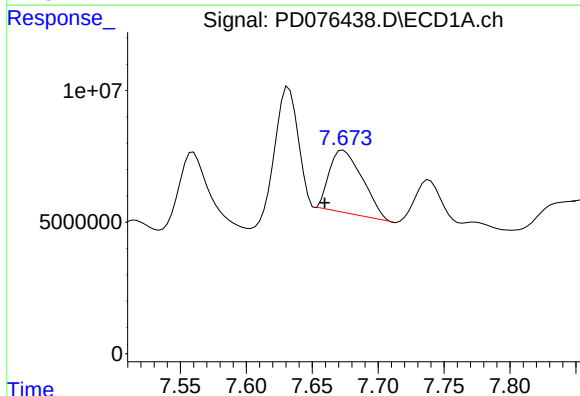
#20 Methoxychlor

R.T.: 7.516 min  
Delta R.T.: 0.003 min  
Response: 4643830  
Conc: 3.48 ng/ml



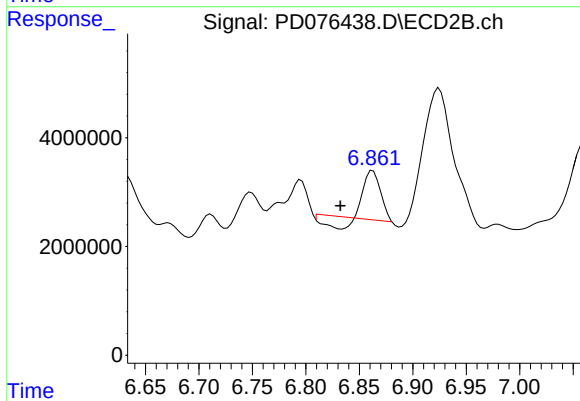
#20 Methoxychlor

R.T.: 6.580 min  
Delta R.T.: -0.025 min  
Response: 10231765  
Conc: 22.43 ng/ml



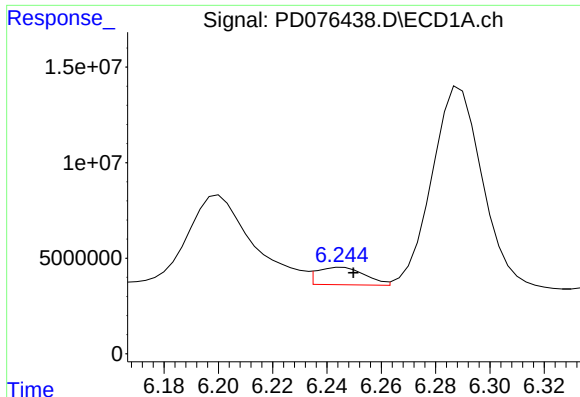
#21 Endrin ketone

R.T.: 7.674 min  
Delta R.T.: 0.014 min  
Response: 38668872  
Conc: 13.55 ng/ml



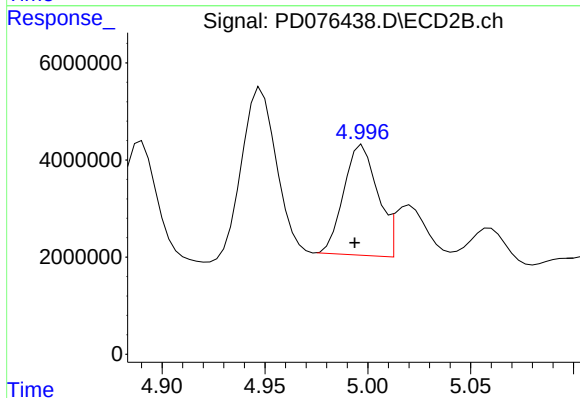
#21 Endrin ketone

R.T.: 6.863 min  
Delta R.T.: 0.030 min  
Response: 7515151  
Conc: 6.38 ng/ml



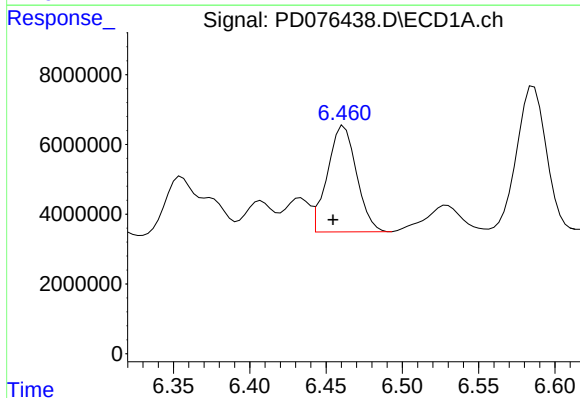
#22 Toxaphene-1

R.T.: 6.246 min  
Delta R.T.: -0.004 min  
Response: 11237843  
Conc: 479.60 ng/ml



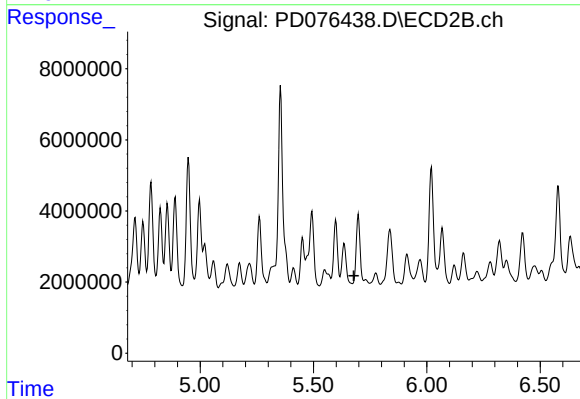
#22 Toxaphene-1

R.T.: 4.997 min  
Delta R.T.: 0.004 min  
Response: 26048161  
Conc: 3625.28 ng/ml



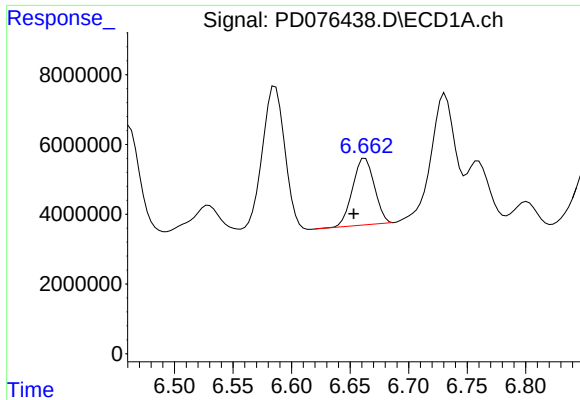
#23 Toxaphene-2

R.T.: 6.462 min  
Delta R.T.: 0.007 min  
Response: 40478938  
Conc: 1388.55 ng/ml



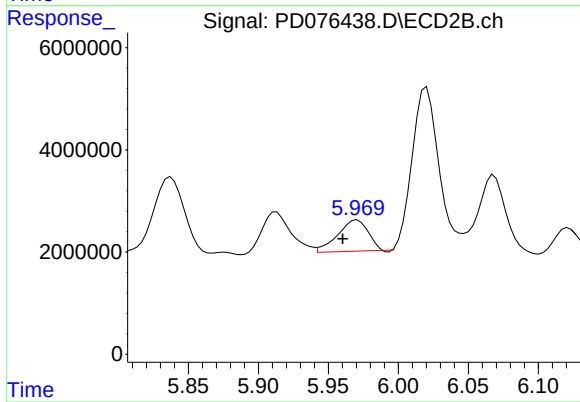
#23 Toxaphene-2

R.T.: 5.636 min  
Delta R.T.: -0.042 min  
Response: -6778260  
Conc: N.D.



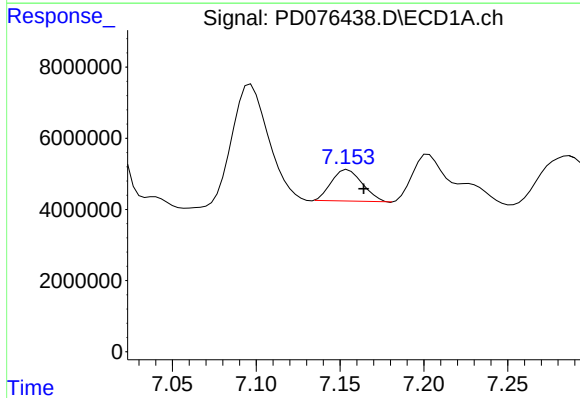
#24 Toxaphene-3

R.T.: 6.663 min  
Delta R.T.: 0.010 min  
Response: 25002641  
Conc: 1229.09 ng/ml



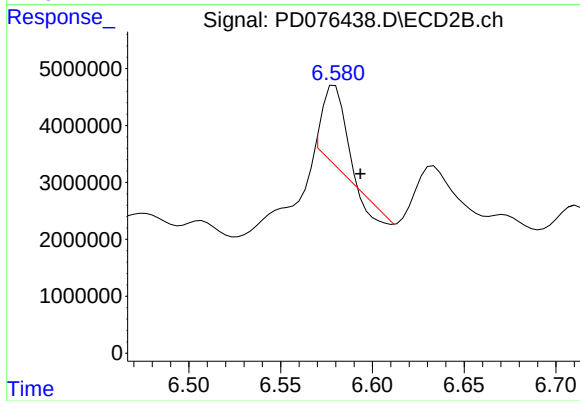
#24 Toxaphene-3

R.T.: 5.971 min  
Delta R.T.: 0.010 min  
Response: 9227924  
Conc: 1054.39 ng/ml



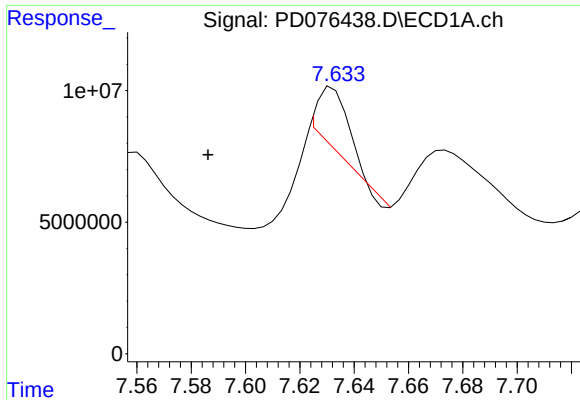
#25 Toxaphene-4

R.T.: 7.155 min  
Delta R.T.: -0.009 min  
Response: 11344120  
Conc: 183.79 ng/ml



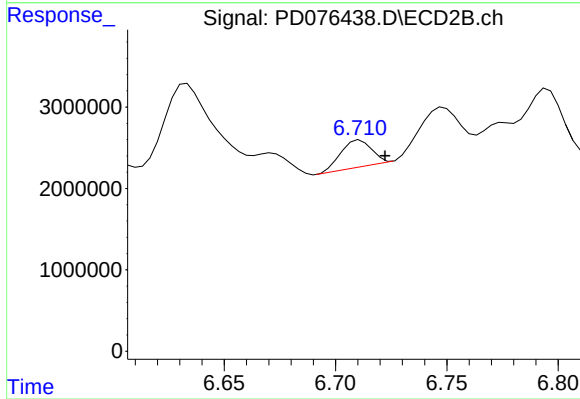
#25 Toxaphene-4

R.T.: 6.580 min  
Delta R.T.: -0.014 min  
Response: 10231765  
Conc: 423.99 ng/ml



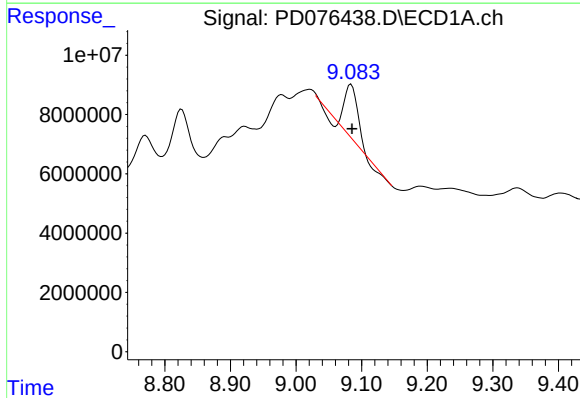
#26 Toxaphene-5

R.T.: 7.632 min  
Delta R.T.: 0.046 min  
Response: 17862791  
Conc: 399.10 ng/ml



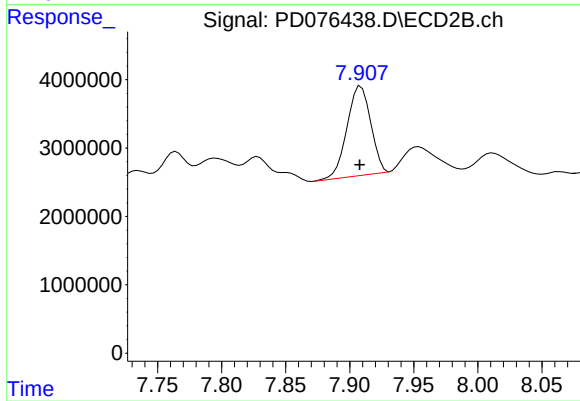
#26 Toxaphene-5

R.T.: 6.711 min  
Delta R.T.: -0.011 min  
Response: 3157402  
Conc: 89.72 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.084 min  
Delta R.T.: -0.002 min  
Response: 17612221  
Conc: 6.94 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.909 min  
Delta R.T.: 0.000 min  
Response: 16839830  
Conc: 18.45 ng/ml