

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091623\  
 Data File : PD078017.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Sep 2023 12:31  
 Operator : AR\AJ  
 Sample : 04330-18MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 16 02:33:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090623CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 06 16:40:06 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

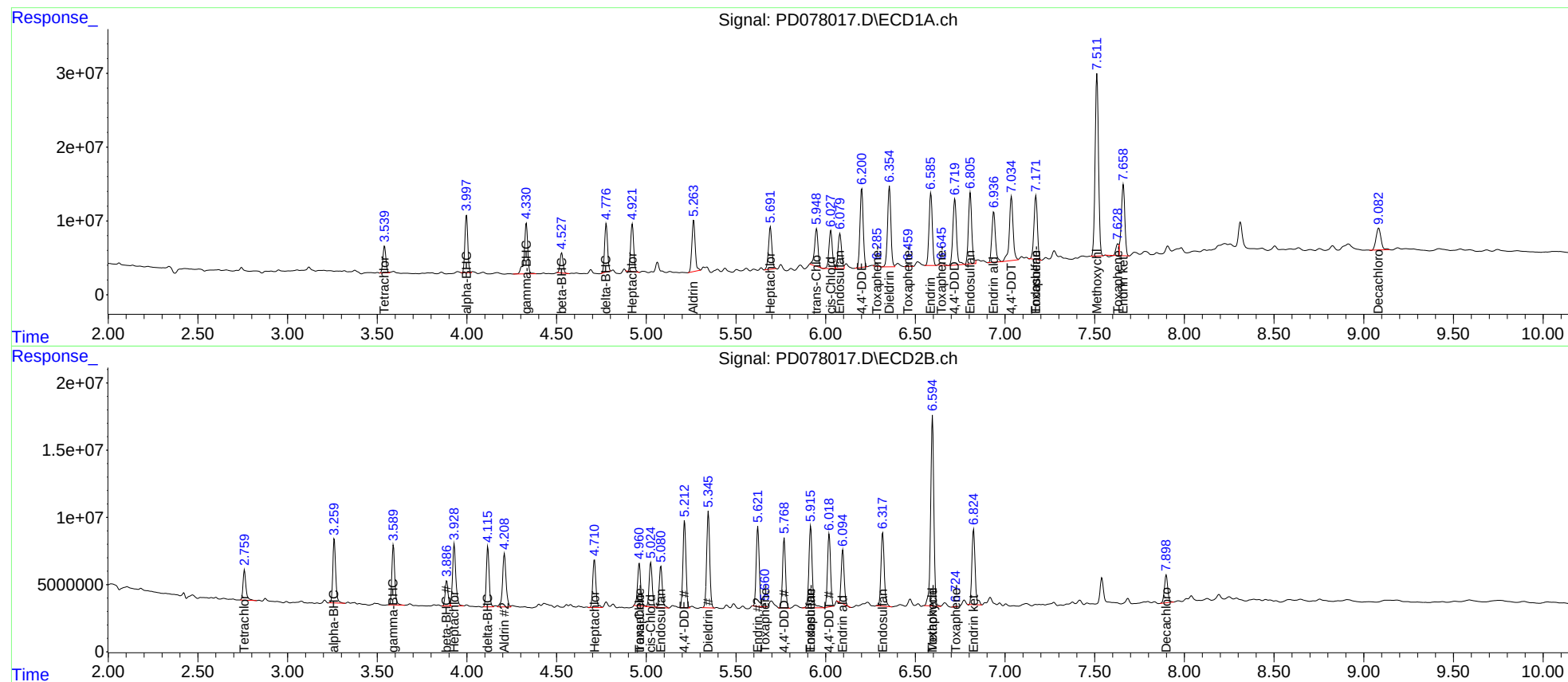
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.541  | 2.760  | 41590339 | 25330368 | 16.389   | 17.140     |
| 2)                          | SA Decachlor... | 9.084  | 7.899  | 56235318 | 26976909 | 18.002   | 16.657     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.998  | 3.261  | 86081030 | 53038148 | 20.104   | 23.399     |
| 3)                          | MA gamma-BHC... | 4.332  | 3.590  | 92278010 | 49022874 | 22.823   | 22.705     |
| 4)                          | MA Heptachlor   | 4.922  | 3.929  | 76075335 | 57588771 | 18.205   | 25.903 #   |
| 5)                          | MB Aldrin       | 5.264  | 4.209  | 88732929 | 53948800 | 21.255   | 24.069     |
| 6)                          | B beta-BHC      | 4.529  | 3.888  | 31399785 | 20536700 | 17.091   | 20.784     |
| 7)                          | B delta-BHC     | 4.777  | 4.117  | 75202912 | 49438640 | 18.729   | 22.179     |
| 8)                          | B Heptachlo...  | 5.692  | 4.711  | 75131119 | 42778643 | 19.440   | 20.366     |
| 9)                          | A Endosulfan I  | 6.080  | 5.081  | 62709284 | 36825284 | 18.682   | 20.516     |
| 10)                         | B trans-Chl...  | 5.950  | 4.961  | 67590058 | 38664884 | 18.153   | 19.362     |
| 11)                         | B cis-Chlor...  | 6.029  | 5.025  | 66317933 | 38419152 | 17.207   | 18.787     |
| 12)                         | B 4,4'-DDE      | 6.201  | 5.214  | 133.0E6  | 75518361 | 37.515   | 39.754     |
| 13)                         | MA Dieldrin     | 6.356  | 5.346  | 139.9E6  | 85209152 | 37.387   | 41.235     |
| 14)                         | MA Endrin       | 6.587  | 5.622  | 123.6E6  | 68312949 | 40.067   | 37.364     |
| 15)                         | B Endosulfa...  | 6.806  | 5.917  | 124.1E6  | 78496642 | 37.495   | 43.376     |
| 16)                         | A 4,4'-DDD      | 6.720  | 5.769  | 126.3E6  | 58634500 | 47.489   | 43.564     |
| 17)                         | MA 4,4'-DDT     | 7.036  | 6.020  | 126.6E6  | 64211199 | 46.203   | 45.432     |
| 18)                         | B Endrin al...  | 6.937  | 6.096  | 94946299 | 45061009 | 36.539   | 32.034     |
| 19)                         | B Endosulfa...  | 7.172  | 6.318  | 113.7E6  | 68901690 | 37.533   | 41.702     |
| 20)                         | A Methoxychlor  | 7.513  | 6.596  | 324.6E6  | 175.9E6  | 208.096  | 225.414    |
| 21)                         | B Endrin ke...  | 7.660  | 6.825  | 133.0E6  | 70181405 | 38.641   | 36.629     |
| 22)                         | Toxaphene-1     | 6.285f | 4.961  | 4775082  | 38664884 | 178.958  | 3704.317 # |
| 23)                         | Toxaphene-2     | 6.461  | 5.662  | 5278602  | 1285861  | 160.936  | 106.632 #  |
| 24)                         | Toxaphene-3     | 6.647  | 5.917f | 5741145  | 78496642 | 248.706  | 5755.624 # |
| 25)                         | Toxaphene-4     | 7.172  | 6.596  | 113.7E6  | 175.9E6  | 1582.891 | 4557.772 # |
| 26)                         | Toxaphene-5     | 7.629f | 6.725  | 14168790 | 299159   | 271.889  | 5.390 #    |
| -----                       |                 |        |        |          |          |          |            |

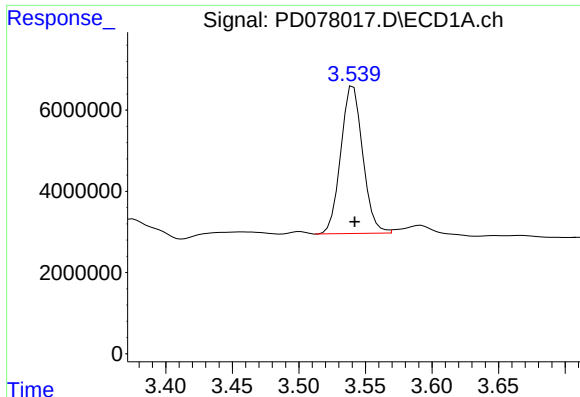
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091623\  
Data File : PD078017.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Sep 2023 12:31  
Operator : AR\AJ  
Sample : 04330-18MSD  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 16 02:33:27 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090623CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 06 16:40:06 2023  
Response via : Initial Calibration  
Integrator: ChemStation

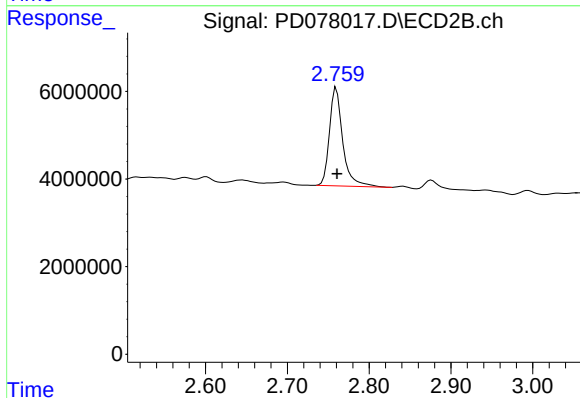
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





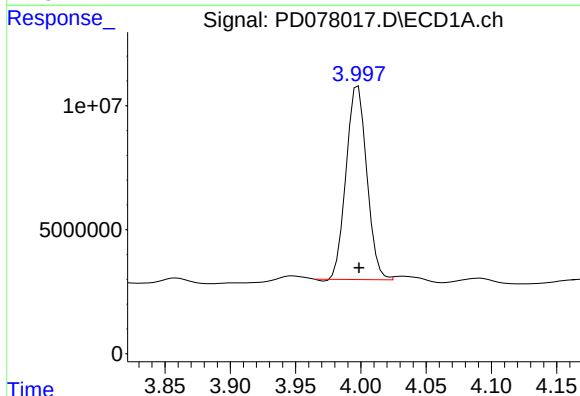
#1 Tetrachloro-m-xylene

R.T.: 3.541 min  
Delta R.T.: -0.001 min  
Response: 41590339  
Conc: 16.39 ng/ml



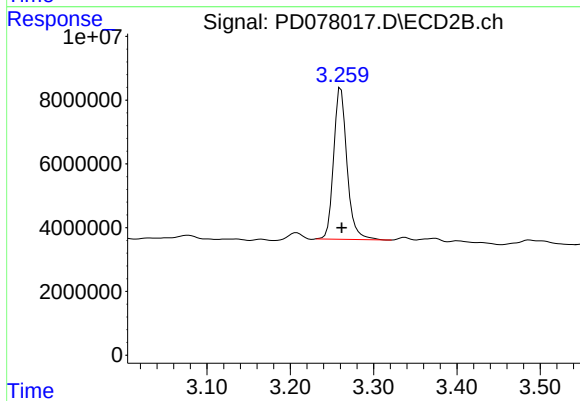
#1 Tetrachloro-m-xylene

R.T.: 2.760 min  
Delta R.T.: 0.000 min  
Response: 25330368  
Conc: 17.14 ng/ml



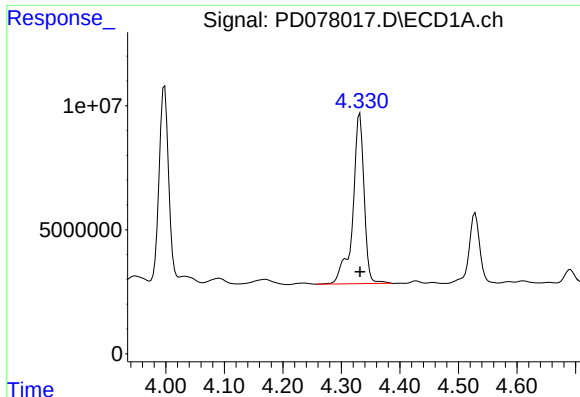
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: 0.000 min  
Response: 86081030  
Conc: 20.10 ng/ml



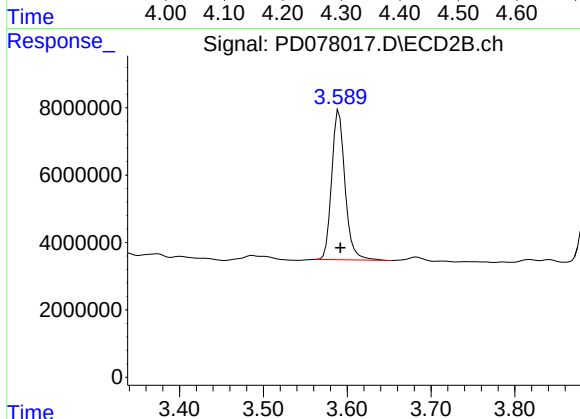
#2 alpha-BHC

R.T.: 3.261 min  
Delta R.T.: -0.001 min  
Response: 53038148  
Conc: 23.40 ng/ml



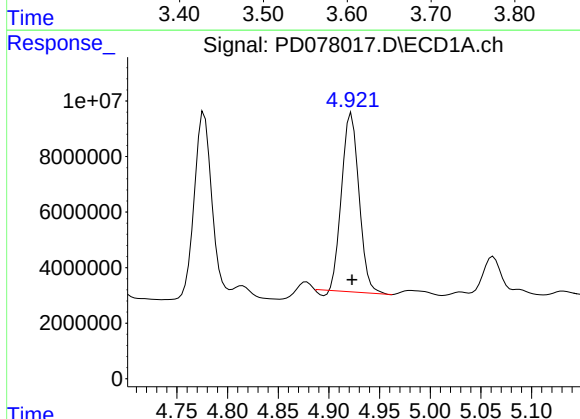
#3 gamma-BHC (Lindane)

R.T.: 4.332 min  
Delta R.T.: 0.000 min  
Response: 92278010  
Conc: 22.82 ng/ml



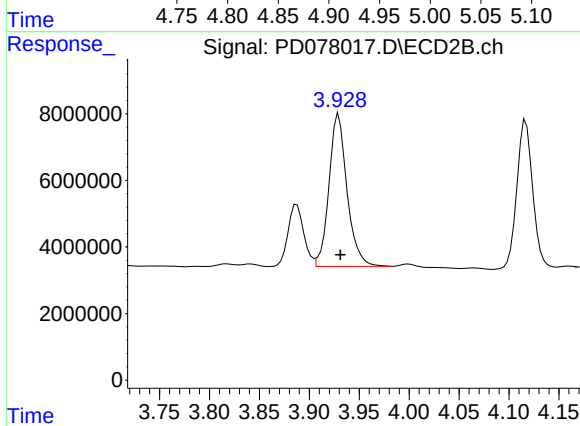
#3 gamma-BHC (Lindane)

R.T.: 3.590 min  
Delta R.T.: -0.002 min  
Response: 49022874  
Conc: 22.71 ng/ml



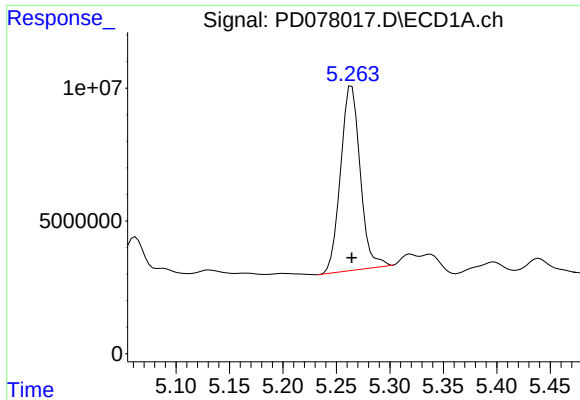
#4 Heptachlor

R.T.: 4.922 min  
Delta R.T.: 0.000 min  
Response: 76075335  
Conc: 18.20 ng/ml



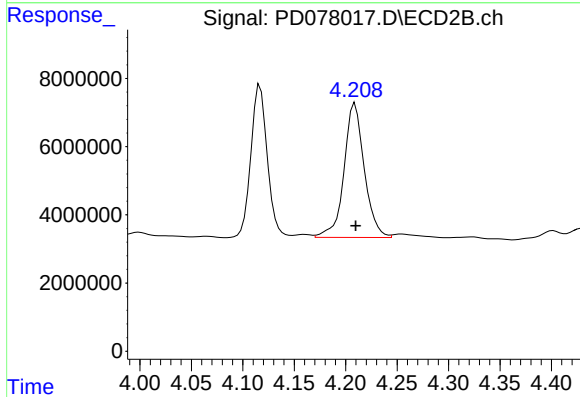
#4 Heptachlor

R.T.: 3.929 min  
Delta R.T.: -0.002 min  
Response: 57588771  
Conc: 25.90 ng/ml



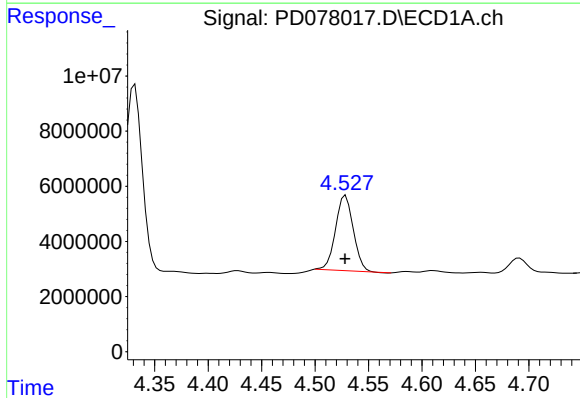
#5 Aldrin

R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 88732929  
Conc: 21.25 ng/ml



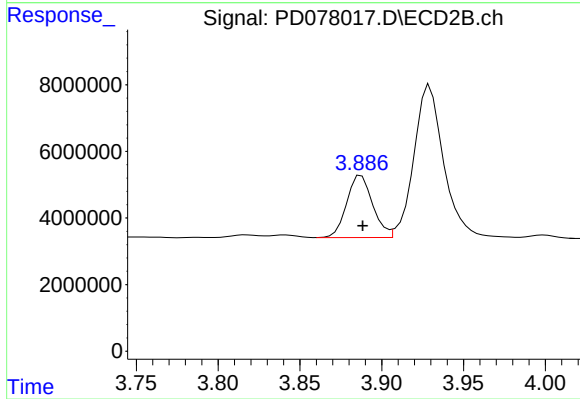
#5 Aldrin

R.T.: 4.209 min  
Delta R.T.: 0.000 min  
Response: 53948800  
Conc: 24.07 ng/ml



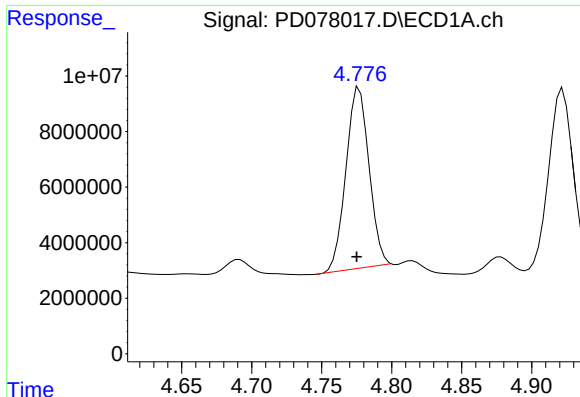
#6 beta-BHC

R.T.: 4.529 min  
Delta R.T.: 0.000 min  
Response: 31399785  
Conc: 17.09 ng/ml



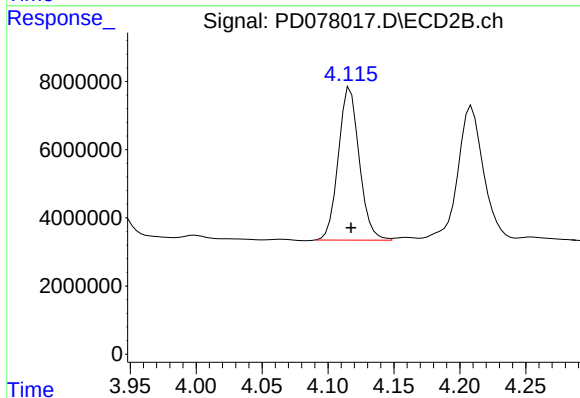
#6 beta-BHC

R.T.: 3.888 min  
Delta R.T.: 0.000 min  
Response: 20536700  
Conc: 20.78 ng/ml



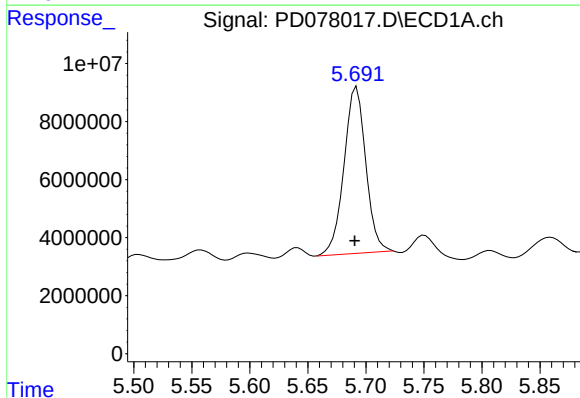
#7 delta-BHC

R.T.: 4.777 min  
Delta R.T.: 0.002 min  
Response: 75202912  
Conc: 18.73 ng/ml



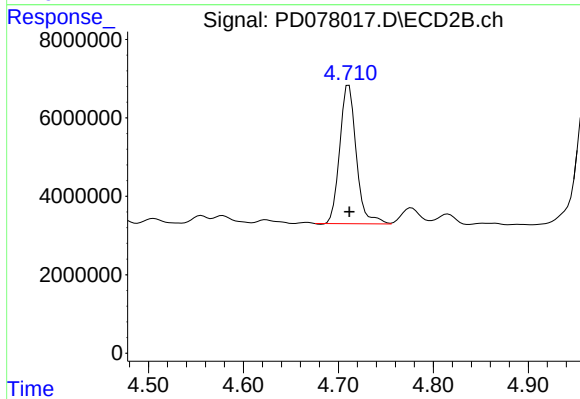
#7 delta-BHC

R.T.: 4.117 min  
Delta R.T.: 0.000 min  
Response: 49438640  
Conc: 22.18 ng/ml



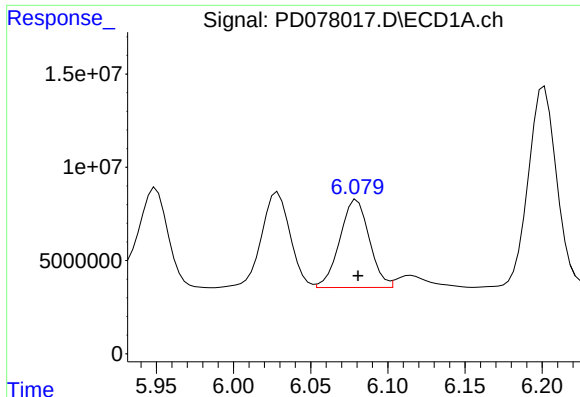
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: 0.002 min  
Response: 75131119  
Conc: 19.44 ng/ml



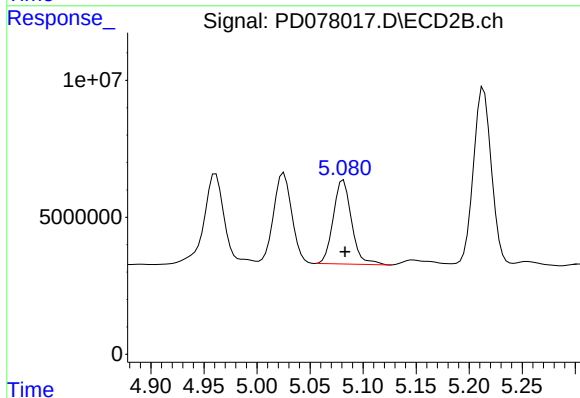
#8 Heptachlor epoxide

R.T.: 4.711 min  
Delta R.T.: 0.000 min  
Response: 42778643  
Conc: 20.37 ng/ml



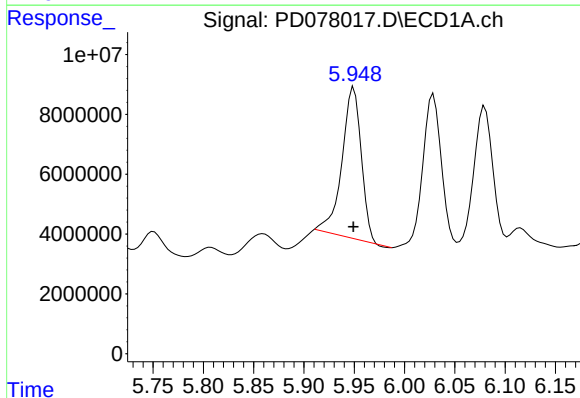
#9 Endosulfan I

R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 62709284  
Conc: 18.68 ng/ml



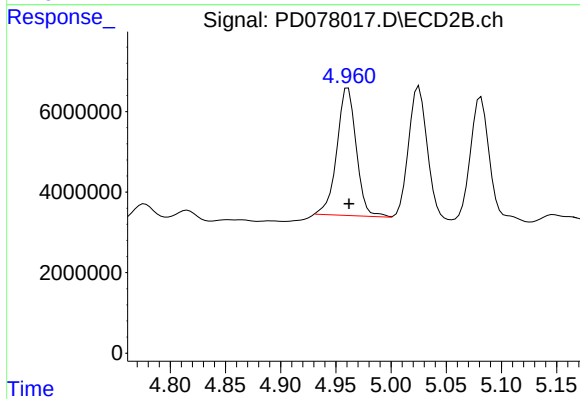
#9 Endosulfan I

R.T.: 5.081 min  
Delta R.T.: -0.002 min  
Response: 36825284  
Conc: 20.52 ng/ml



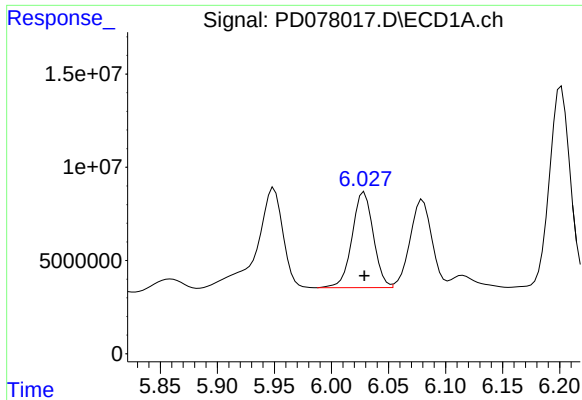
#10 trans-Chlordane

R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 67590058  
Conc: 18.15 ng/ml



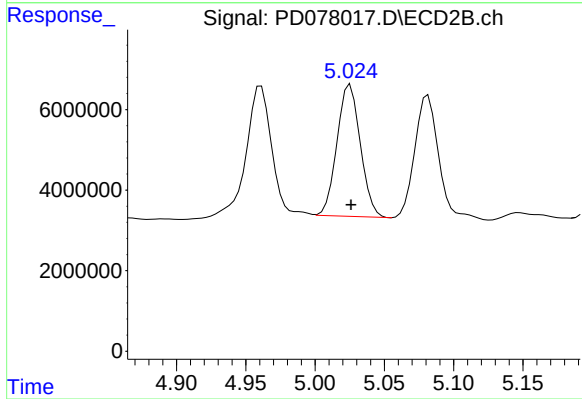
#10 trans-Chlordane

R.T.: 4.961 min  
Delta R.T.: 0.000 min  
Response: 38664884  
Conc: 19.36 ng/ml



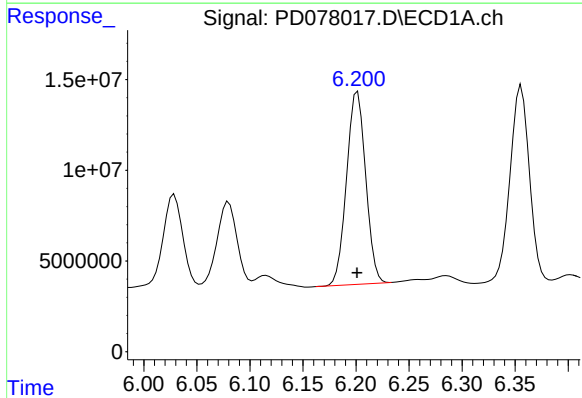
#11 cis-Chlordane

R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 66317933  
Conc: 17.21 ng/ml



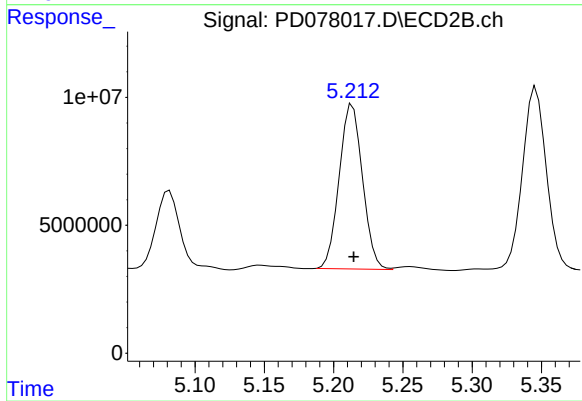
#11 cis-Chlordane

R.T.: 5.025 min  
Delta R.T.: 0.000 min  
Response: 38419152  
Conc: 18.79 ng/ml



#12 4,4'-DDE

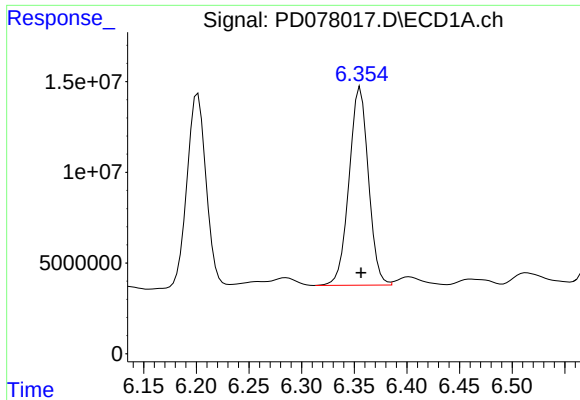
R.T.: 6.201 min  
Delta R.T.: 0.000 min  
Response: 132996985  
Conc: 37.52 ng/ml



#12 4,4'-DDE

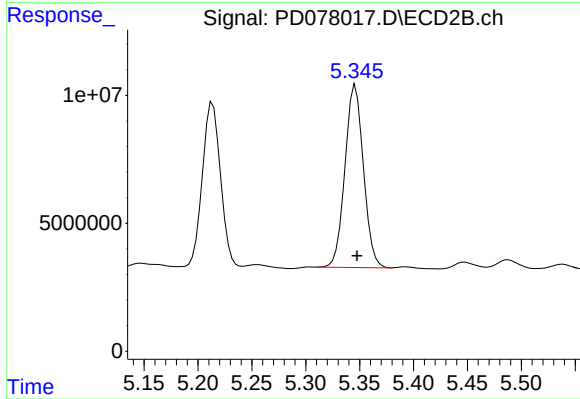
R.T.: 5.214 min  
Delta R.T.: -0.001 min  
Response: 75518361  
Conc: 39.75 ng/ml





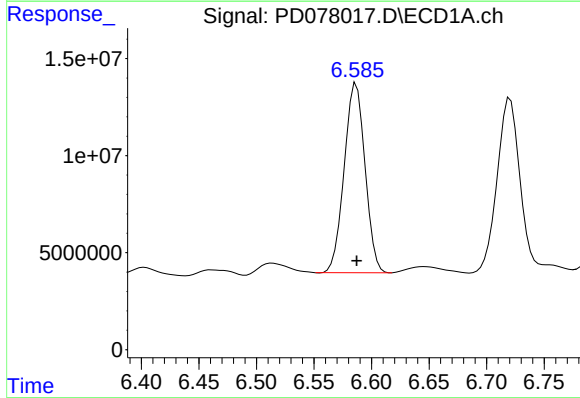
#13 Dieldrin

R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 139941840  
Conc: 37.39 ng/ml



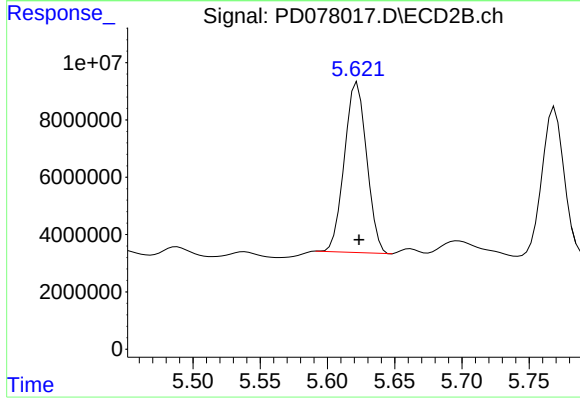
#13 Dieldrin

R.T.: 5.346 min  
Delta R.T.: -0.001 min  
Response: 85209152  
Conc: 41.24 ng/ml



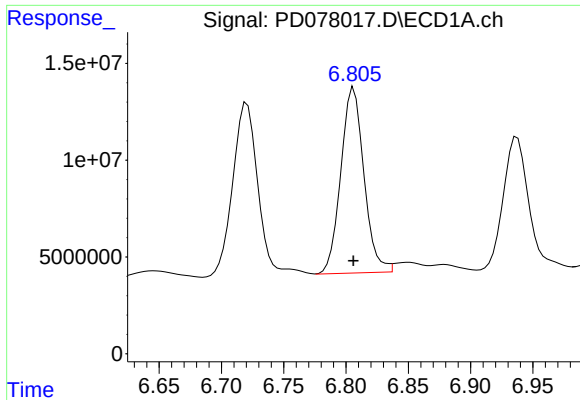
#14 Endrin

R.T.: 6.587 min  
Delta R.T.: 0.000 min  
Response: 123617662  
Conc: 40.07 ng/ml



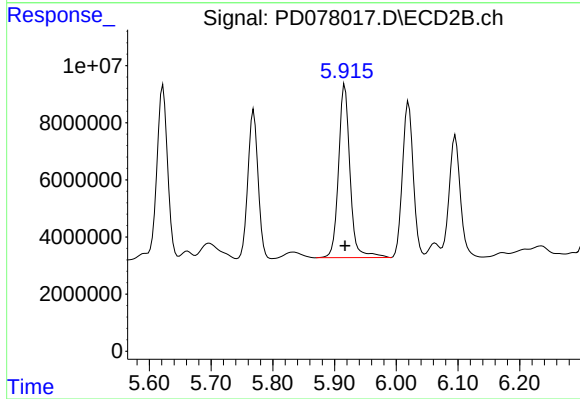
#14 Endrin

R.T.: 5.622 min  
Delta R.T.: -0.001 min  
Response: 68312949  
Conc: 37.36 ng/ml



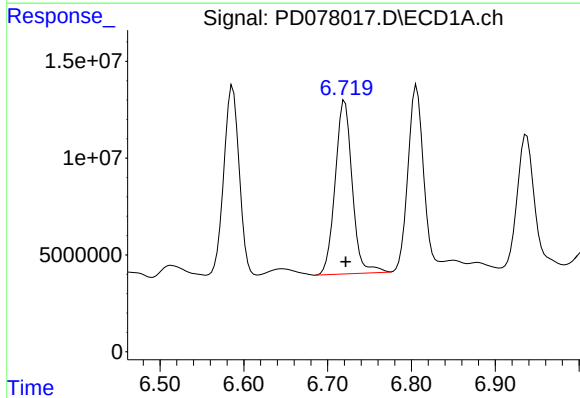
#15 Endosulfan II

R.T.: 6.806 min  
Delta R.T.: 0.000 min  
Response: 124148970  
Conc: 37.49 ng/ml



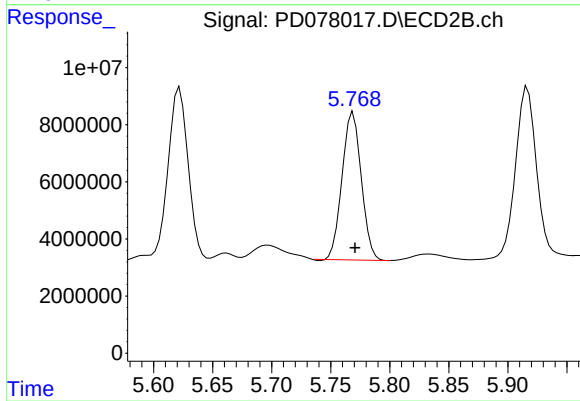
#15 Endosulfan II

R.T.: 5.917 min  
Delta R.T.: 0.000 min  
Response: 78496642  
Conc: 43.38 ng/ml



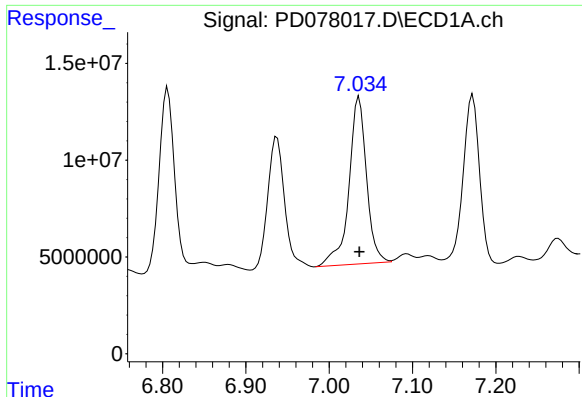
#16 4,4'-DDD

R.T.: 6.720 min  
Delta R.T.: -0.001 min  
Response: 126314131  
Conc: 47.49 ng/ml



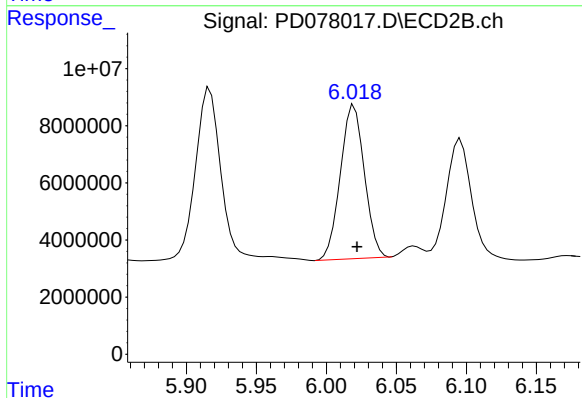
#16 4,4'-DDD

R.T.: 5.769 min  
Delta R.T.: -0.002 min  
Response: 58634500  
Conc: 43.56 ng/ml



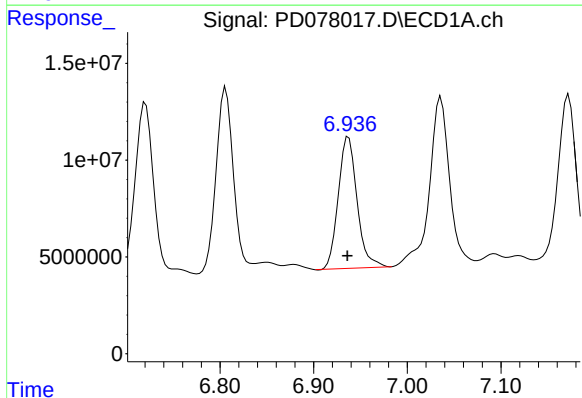
#17 4,4'-DDT

R.T.: 7.036 min  
Delta R.T.: 0.000 min  
Response: 126584012  
Conc: 46.20 ng/ml



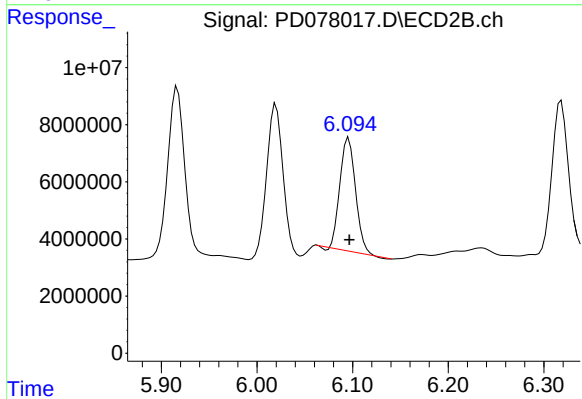
#17 4,4'-DDT

R.T.: 6.020 min  
Delta R.T.: -0.002 min  
Response: 64211199  
Conc: 45.43 ng/ml



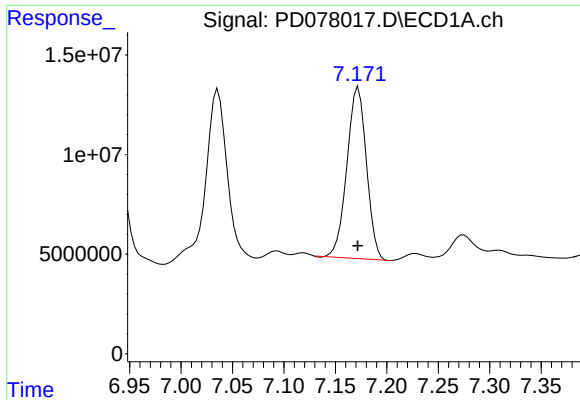
#18 Endrin aldehyde

R.T.: 6.937 min  
Delta R.T.: 0.001 min  
Response: 94946299  
Conc: 36.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.096 min  
Delta R.T.: 0.000 min  
Response: 45061009  
Conc: 32.03 ng/ml



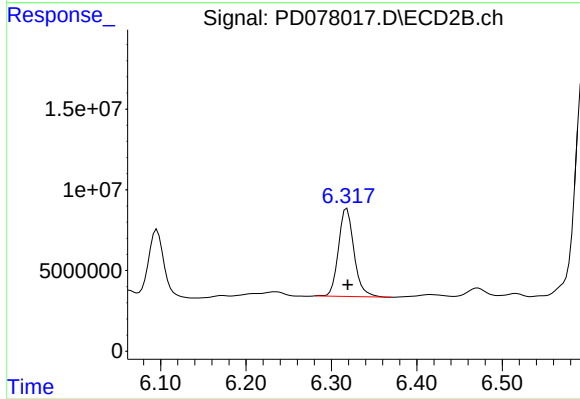
#19 Endosulfan Sulfate

R.T.: 7.172 min

Delta R.T.: 0.000 min

Response: 113735919

Conc: 37.53 ng/ml



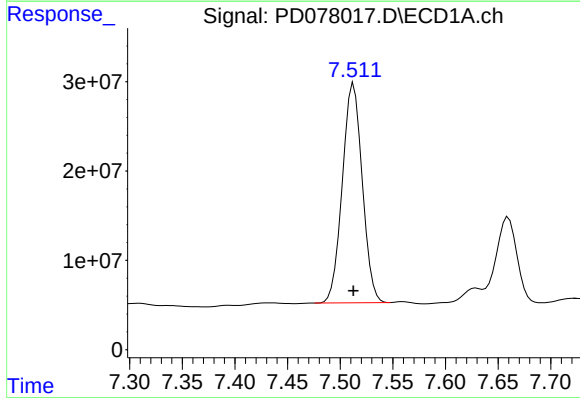
#19 Endosulfan Sulfate

R.T.: 6.318 min

Delta R.T.: -0.001 min

Response: 68901690

Conc: 41.70 ng/ml



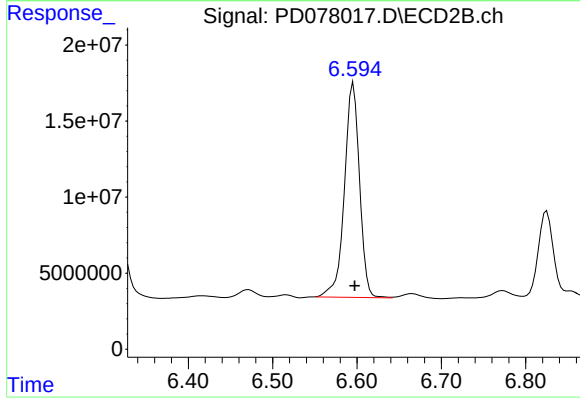
#20 Methoxychlor

R.T.: 7.513 min

Delta R.T.: 0.000 min

Response: 324563127

Conc: 208.10 ng/ml



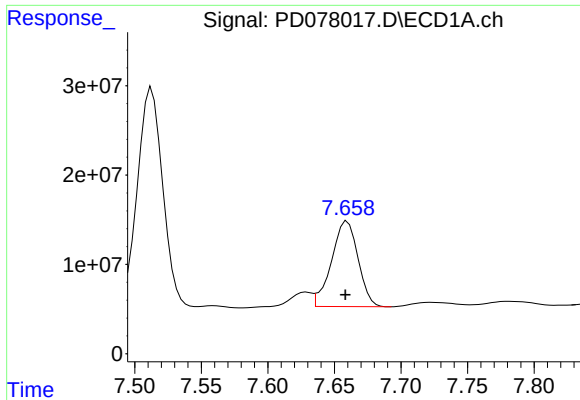
#20 Methoxychlor

R.T.: 6.596 min

Delta R.T.: -0.002 min

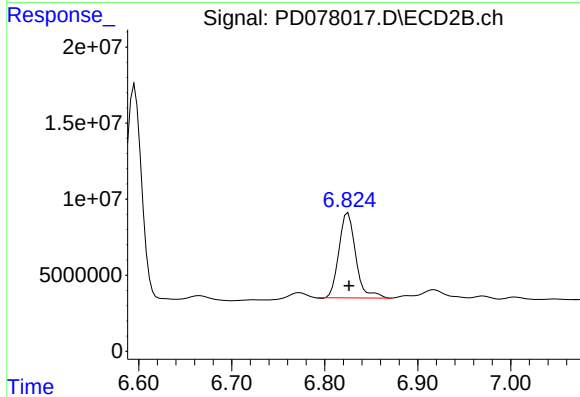
Response: 175893768

Conc: 225.41 ng/ml



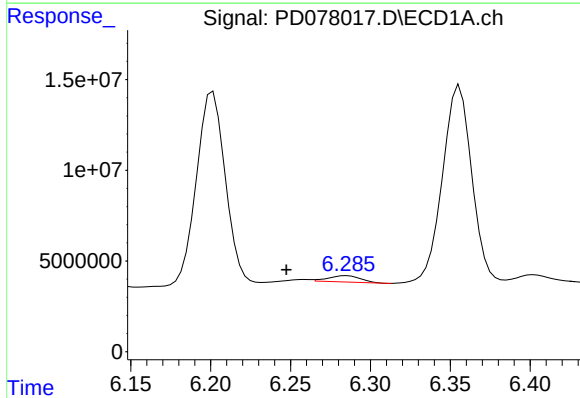
#21 Endrin ketone

R.T.: 7.660 min  
Delta R.T.: 0.001 min  
Response: 133042077  
Conc: 38.64 ng/ml



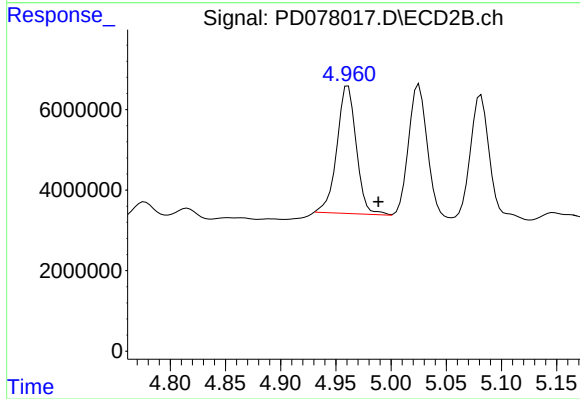
#21 Endrin ketone

R.T.: 6.825 min  
Delta R.T.: 0.000 min  
Response: 70181405  
Conc: 36.63 ng/ml



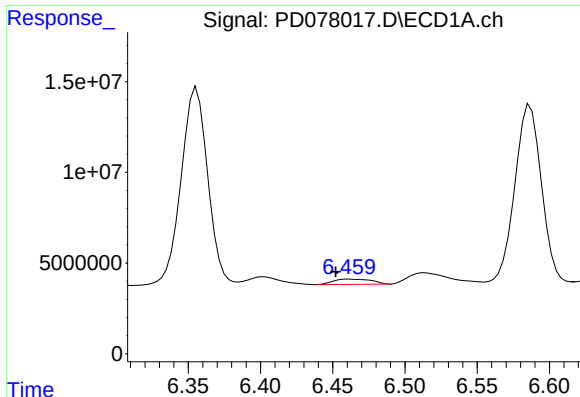
#22 Toxaphene-1

R.T.: 6.285 min  
Delta R.T.: 0.038 min  
Response: 4775082  
Conc: 178.96 ng/ml



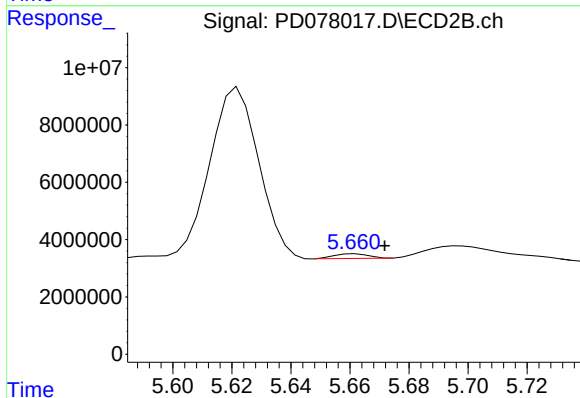
#22 Toxaphene-1

R.T.: 4.961 min  
Delta R.T.: -0.027 min  
Response: 38664884  
Conc: 3704.32 ng/ml



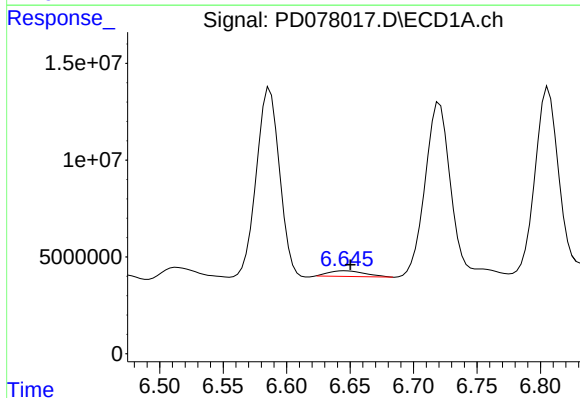
#23 Toxaphene-2

R.T.: 6.461 min  
Delta R.T.: 0.009 min  
Response: 5278602  
Conc: 160.94 ng/ml



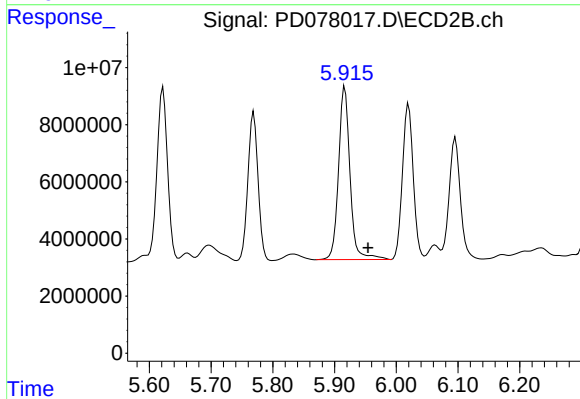
#23 Toxaphene-2

R.T.: 5.662 min  
Delta R.T.: -0.010 min  
Response: 1285861  
Conc: 106.63 ng/ml



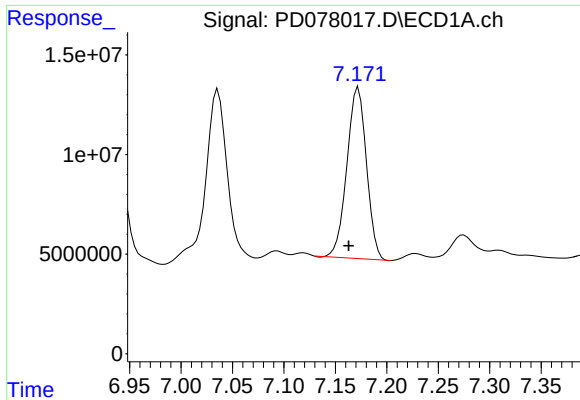
#24 Toxaphene-3

R.T.: 6.647 min  
Delta R.T.: -0.004 min  
Response: 5741145  
Conc: 248.71 ng/ml



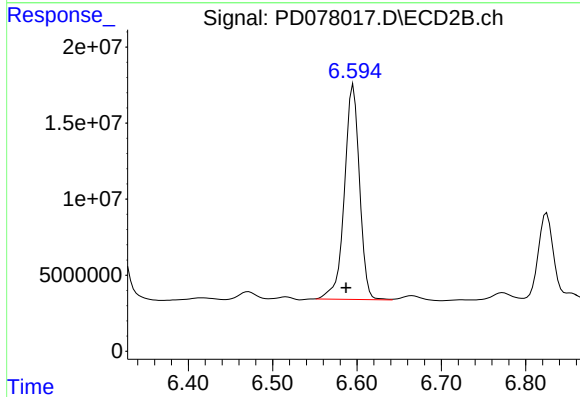
#24 Toxaphene-3

R.T.: 5.917 min  
Delta R.T.: -0.037 min  
Response: 78496642  
Conc: 5755.62 ng/ml



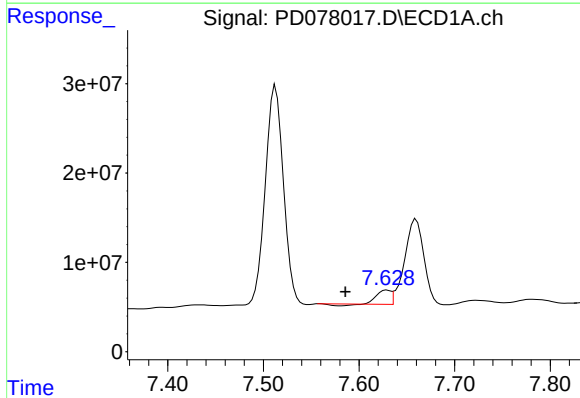
#25 Toxaphene-4

R.T.: 7.172 min  
Delta R.T.: 0.009 min  
Response: 113735919  
Conc: 1582.89 ng/ml



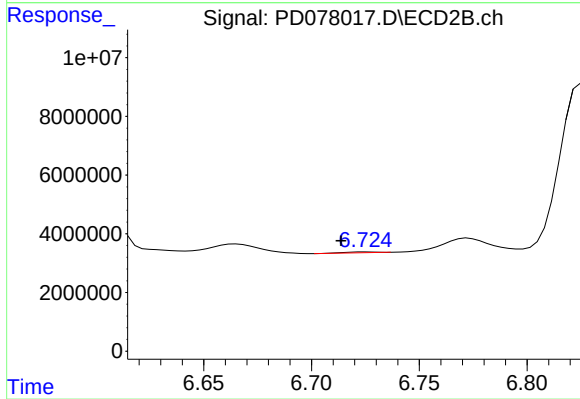
#25 Toxaphene-4

R.T.: 6.596 min  
Delta R.T.: 0.009 min  
Response: 175893768  
Conc: 4557.77 ng/ml



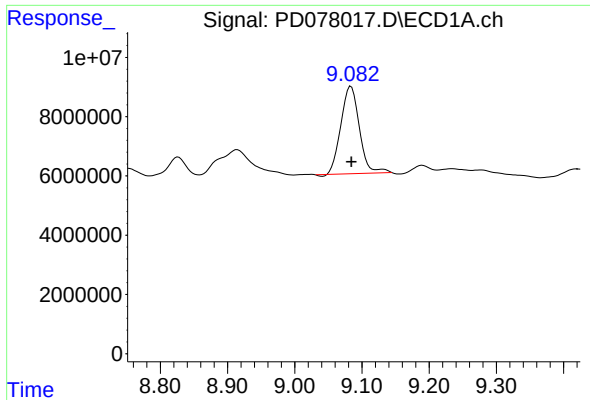
#26 Toxaphene-5

R.T.: 7.629 min  
Delta R.T.: 0.043 min  
Response: 14168790  
Conc: 271.89 ng/ml



#26 Toxaphene-5

R.T.: 6.725 min  
Delta R.T.: 0.011 min  
Response: 299159  
Conc: 5.39 ng/ml



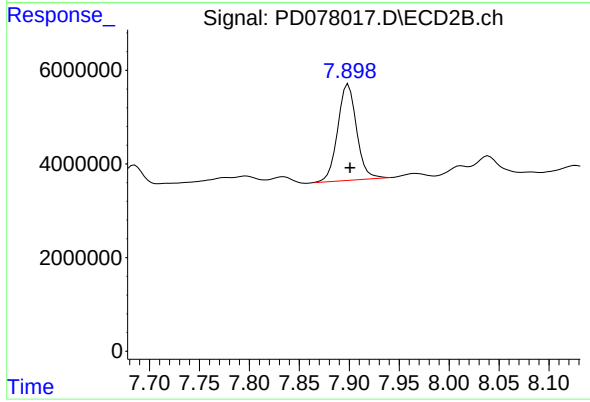
#27 Decachlorobiphenyl

R.T.: 9.084 min

Delta R.T.: 0.000 min

Response: 56235318

Conc: 18.00 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.899 min

Delta R.T.: -0.002 min

Response: 26976909

Conc: 16.66 ng/ml