

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022924\  
 Data File : PD081839.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Feb 2024 22:56  
 Operator : AR\AJ  
 Sample : INDA407  
 Misc :  
 ALS Vial : 91 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 01 00:05:58 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

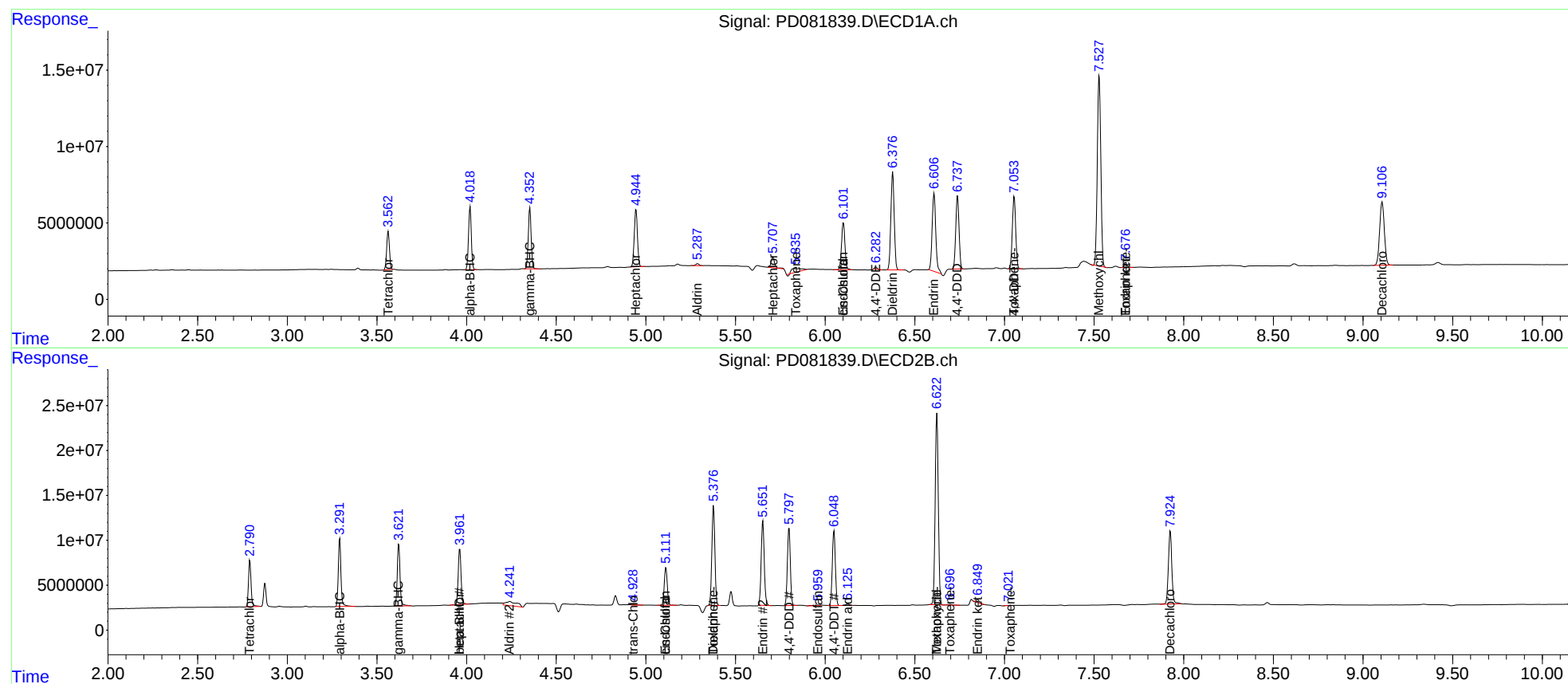
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.563  | 2.791  | 27240453 | 51315135 | 19.925   | 20.932     |
| 27)                         | SA Decachlor... | 9.107  | 7.925  | 75839020 | 108.5E6  | 39.308   | 43.729     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.020  | 3.293  | 44627005 | 77781462 | 19.110   | 20.230     |
| 3)                          | MA gamma-BHC... | 4.353  | 3.622  | 44113323 | 73332473 | 19.094   | 20.247     |
| 4)                          | MA Heptachlor   | 4.945  | 3.962  | 46333337 | 68991827 | 18.892   | 19.449     |
| 5)                          | MB Aldrin       | 5.288  | 4.242  | 1616151  | 20778687 | 0.683    | 6.135 #    |
| 6)                          | B beta-BHC      | 0.000  | 3.962f | 0        | 68991827 | N.D.     | 40.831     |
| 8)                          | B Heptachlo...  | 5.709  | 4.751  | 9189587  | -74561   | 4.057    | N.D. #     |
| 9)                          | A Endosulfan I  | 6.102  | 5.112  | 40623671 | 48848358 | 19.293   | 16.315     |
| 10)                         | B trans-Chl...  | 0.000  | 4.929f | 0        | 749132   | N.D.     | 0.240      |
| 11)                         | B cis-Chlor...  | 6.102f | 5.112f | 40623671 | 48848358 | 18.037   | 15.248     |
| 12)                         | B 4,4'-DDE      | 6.283f | 0.000  | 1164691  | 0        | 0.543    | N.D. #     |
| 13)                         | MA Dieldrin     | 6.377  | 5.378  | 83533429 | 129.3E6  | 37.621   | 39.368     |
| 14)                         | MA Endrin       | 6.608  | 5.653  | 71658125 | 112.0E6  | 38.183   | 38.984     |
| 15)                         | B Endosulfa...  | 0.000  | 5.960  | 0        | 2027994  | N.D.     | 0.718      |
| 16)                         | A 4,4'-DDD      | 6.739  | 5.799  | 61535722 | 99774913 | 37.048   | 39.590     |
| 17)                         | MA 4,4'-DDT     | 7.055  | 6.050  | 61784165 | 99194830 | 35.563   | 38.413     |
| 18)                         | B Endrin al...  | 0.000  | 6.126  | 0        | 2438754  | N.D.     | 1.125      |
| 19)                         | B Endosulfa...  | 0.000  | 6.298f | 0        | 132667   | N.D.     | <MDL       |
| 20)                         | A Methoxychlor  | 7.529  | 6.624  | 168.5E6  | 258.1E6  | 183.679  | 193.190    |
| 21)                         | B Endrin ke...  | 7.677  | 6.851  | 2605796  | 2230919  | 1.348    | 0.744 #    |
| 22)                         | Toxaphene-1     | 5.835f | 0.000  | 8296370  | 0        | 1270.189 | N.D. #     |
| 23)                         | Toxaphene-2     | 0.000  | 5.378  | 0        | 129.3E6  | N.D.     | 7586.790   |
| 24)                         | Toxaphene-3     | 7.055f | 6.624  | 61784165 | 258.1E6  | 1168.279 | 4409.754 # |
| 25)                         | Toxaphene-4     | 0.000  | 6.697f | 0        | 1223712  | N.D.     | 15.378     |
| 26)                         | Toxaphene-5     | 7.677f | 7.023f | 2605796  | 238999   | 87.861   | 7.370 #    |
| -----                       |                 |        |        |          |          |          |            |

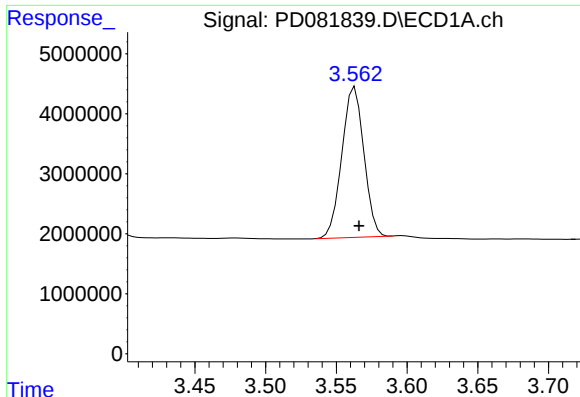
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022924\  
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Acq On : 29 Feb 2024 22:56  
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ALS Vial : 91 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
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Quant Time: Mar 01 00:05:58 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

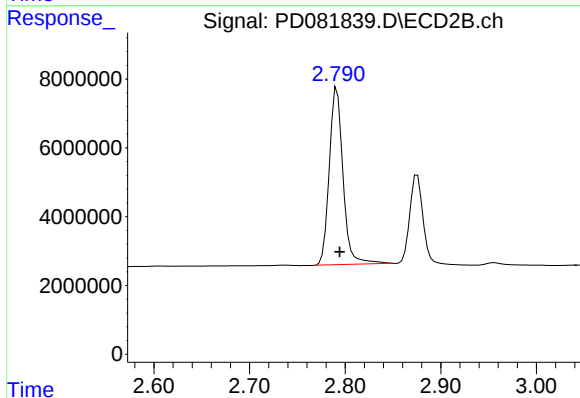
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





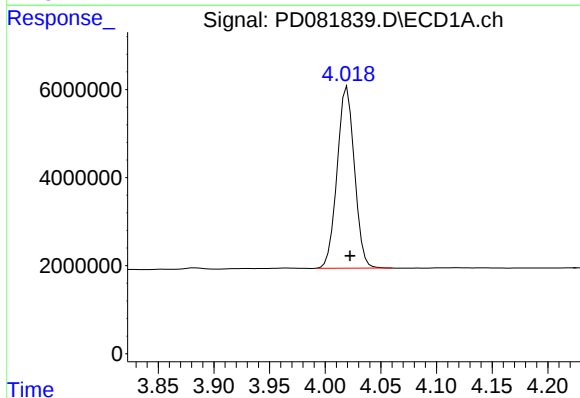
#1 Tetrachloro-m-xylene

R.T.: 3.563 min  
Delta R.T.: -0.003 min  
Response: 27240453  
Conc: 19.93 ng/ml



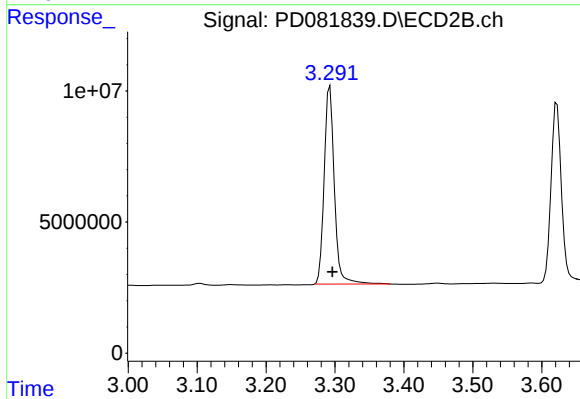
#1 Tetrachloro-m-xylene

R.T.: 2.791 min  
Delta R.T.: -0.003 min  
Response: 51315135  
Conc: 20.93 ng/ml



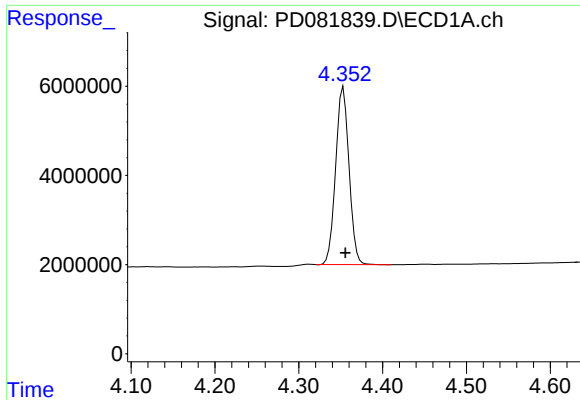
#2 alpha-BHC

R.T.: 4.020 min  
Delta R.T.: -0.003 min  
Response: 44627005  
Conc: 19.11 ng/ml



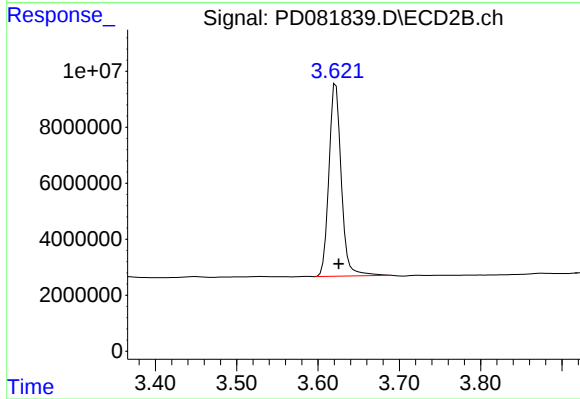
#2 alpha-BHC

R.T.: 3.293 min  
Delta R.T.: -0.003 min  
Response: 77781462  
Conc: 20.23 ng/ml



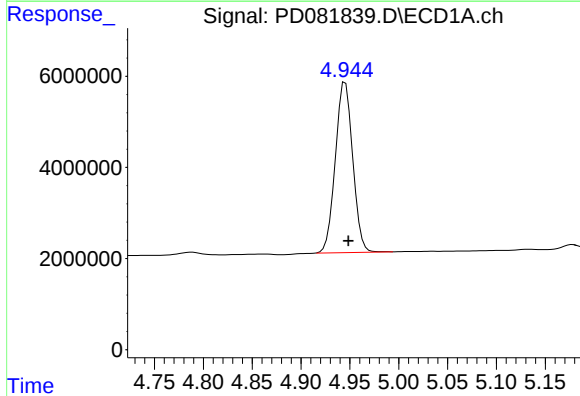
#3 gamma-BHC (Lindane)

R.T.: 4.353 min  
Delta R.T.: -0.002 min  
Response: 44113323  
Conc: 19.09 ng/ml



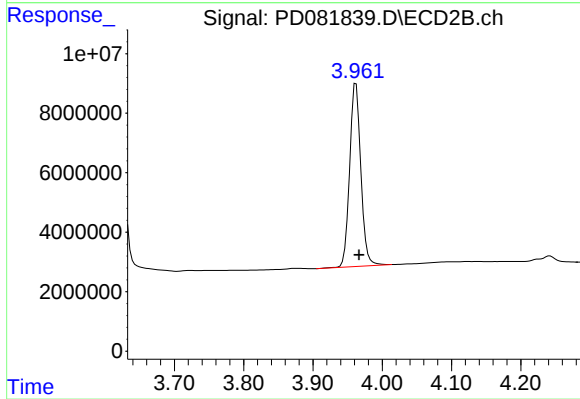
#3 gamma-BHC (Lindane)

R.T.: 3.622 min  
Delta R.T.: -0.004 min  
Response: 73332473  
Conc: 20.25 ng/ml



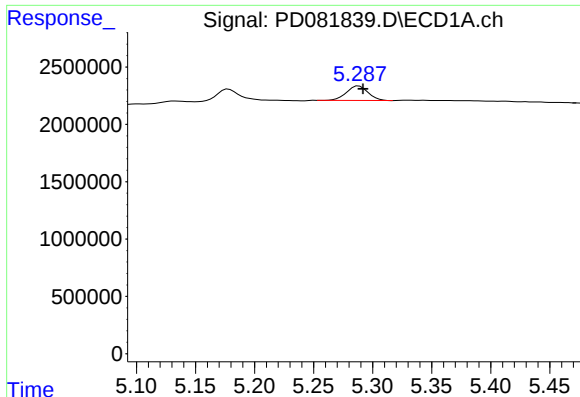
#4 Heptachlor

R.T.: 4.945 min  
Delta R.T.: -0.003 min  
Response: 46333337  
Conc: 18.89 ng/ml



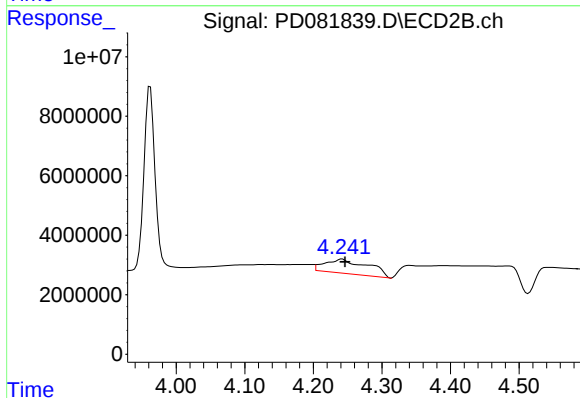
#4 Heptachlor

R.T.: 3.962 min  
Delta R.T.: -0.004 min  
Response: 68991827  
Conc: 19.45 ng/ml



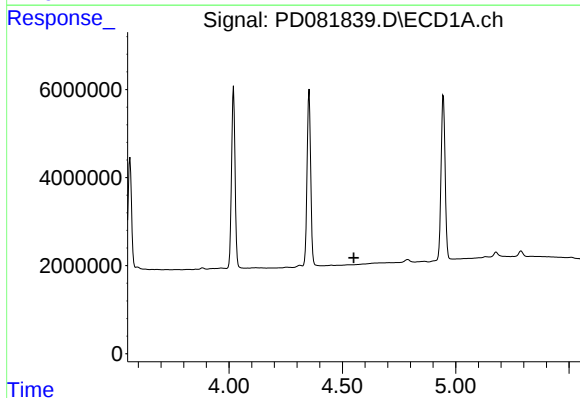
#5 Aldrin

R.T.: 5.288 min  
Delta R.T.: -0.004 min  
Response: 1616151  
Conc: 0.68 ng/ml



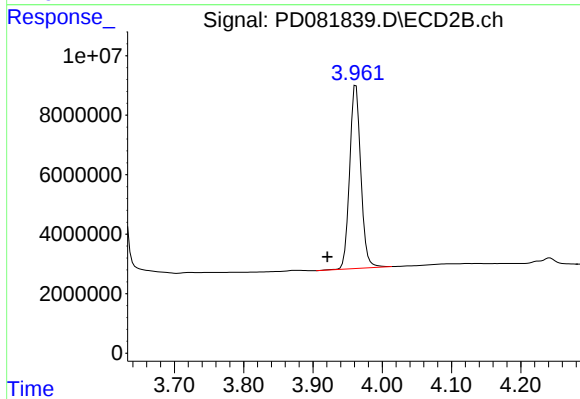
#5 Aldrin

R.T.: 4.242 min  
Delta R.T.: -0.004 min  
Response: 20778687  
Conc: 6.13 ng/ml



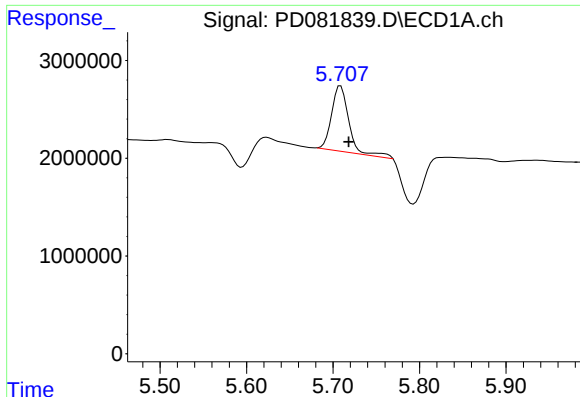
#6 beta-BHC

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



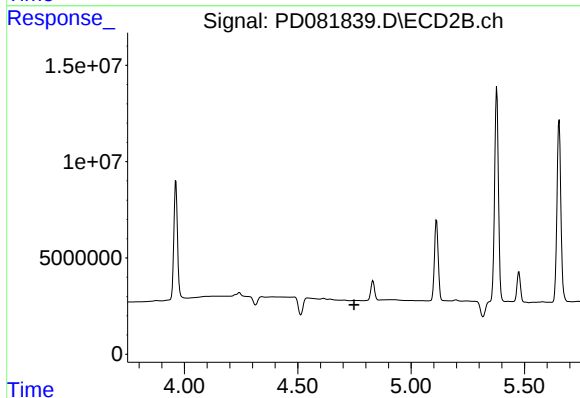
#6 beta-BHC

R.T.: 3.962 min  
Delta R.T.: 0.041 min  
Response: 68991827  
Conc: 40.83 ng/ml



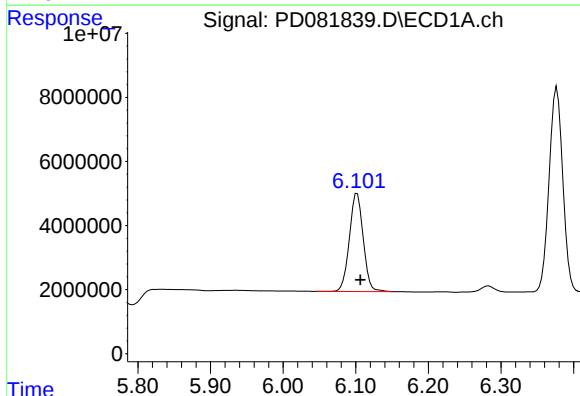
#8 Heptachlor epoxide

R.T.: 5.709 min  
Delta R.T.: -0.009 min  
Response: 9189587  
Conc: 4.06 ng/ml



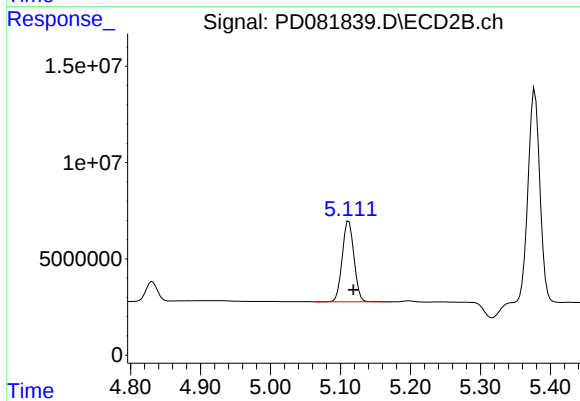
#8 Heptachlor epoxide

R.T.: 4.751 min  
Delta R.T.: 0.003 min  
Response: -74561  
Conc: N.D.



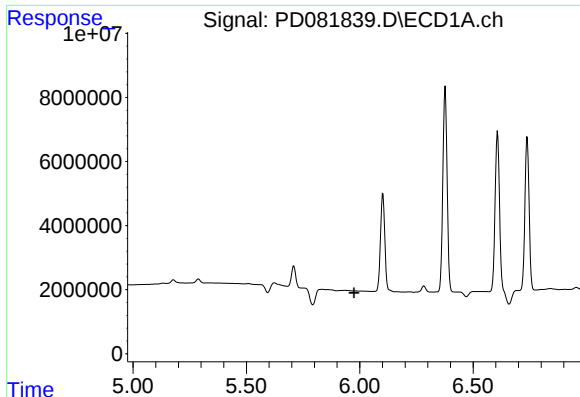
#9 Endosulfan I

R.T.: 6.102 min  
Delta R.T.: -0.004 min  
Response: 40623671  
Conc: 19.29 ng/ml



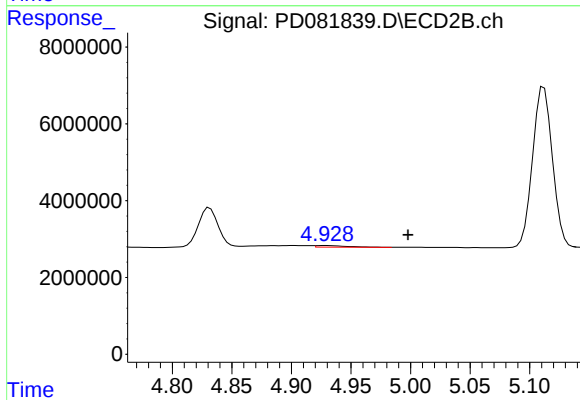
#9 Endosulfan I

R.T.: 5.112 min  
Delta R.T.: -0.007 min  
Response: 48848358  
Conc: 16.31 ng/ml



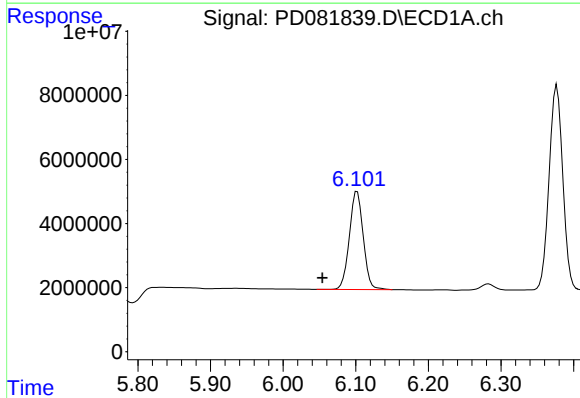
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.975 min  
Response: 0  
Conc: N.D.



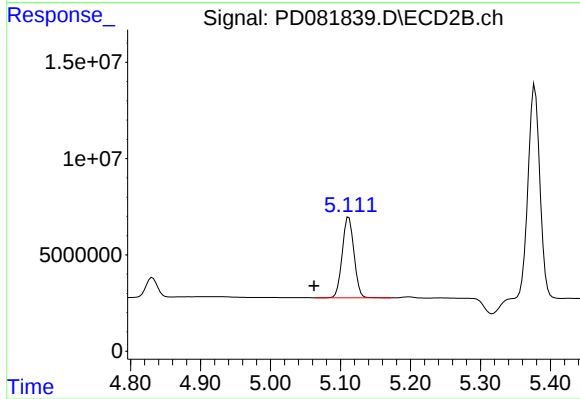
#10 trans-Chlordane

R.T.: 4.929 min  
Delta R.T.: -0.069 min  
Response: 749132  
Conc: 0.24 ng/ml



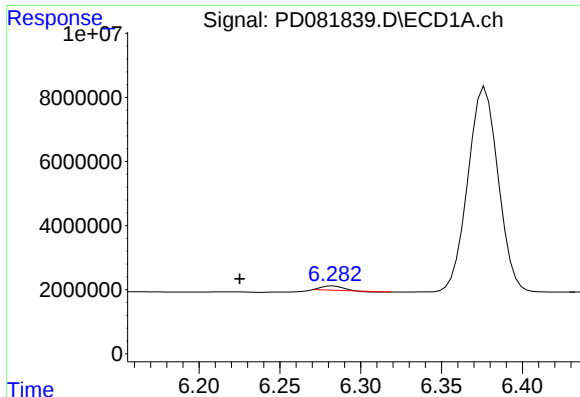
#11 cis-Chlordane

R.T.: 6.102 min  
Delta R.T.: 0.048 min  
Response: 40623671  
Conc: 18.04 ng/ml



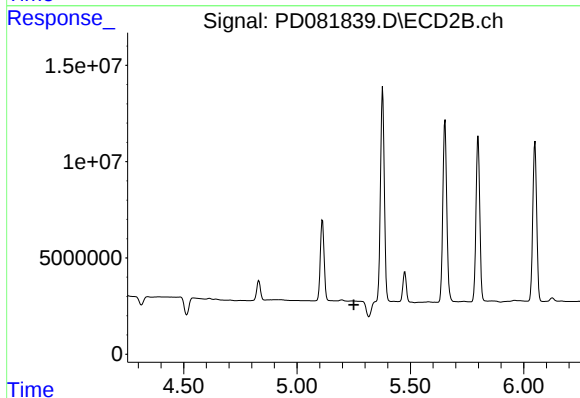
#11 cis-Chlordane

R.T.: 5.112 min  
Delta R.T.: 0.050 min  
Response: 48848358  
Conc: 15.25 ng/ml



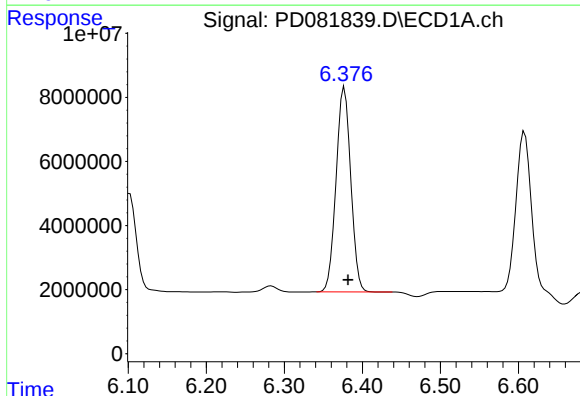
#12 4,4'-DDE

R.T.: 6.283 min  
Delta R.T.: 0.058 min  
Response: 1164691  
Conc: 0.54 ng/ml



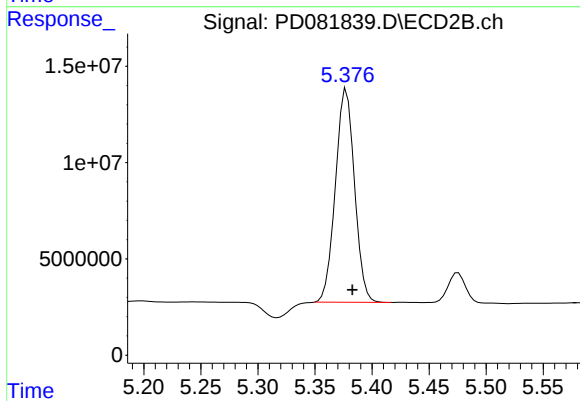
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 5.251 min  
Response: 0  
Conc: N.D.



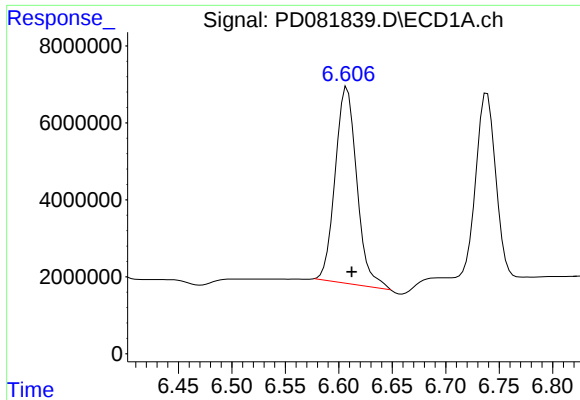
#13 Dieldrin

R.T.: 6.377 min  
Delta R.T.: -0.005 min  
Response: 83533429  
Conc: 37.62 ng/ml



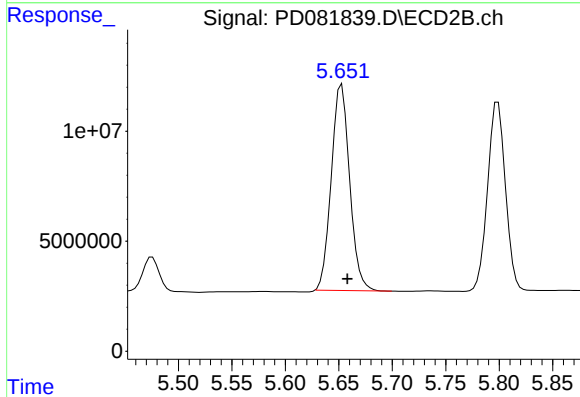
#13 Dieldrin

R.T.: 5.378 min  
Delta R.T.: -0.005 min  
Response: 129303974  
Conc: 39.37 ng/ml



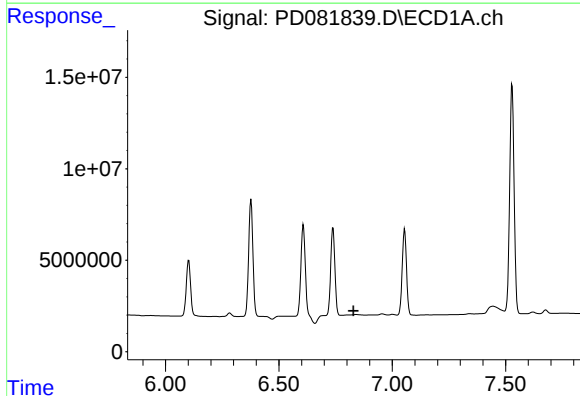
#14 Endrin

R.T.: 6.608 min  
Delta R.T.: -0.004 min  
Response: 71658125  
Conc: 38.18 ng/ml



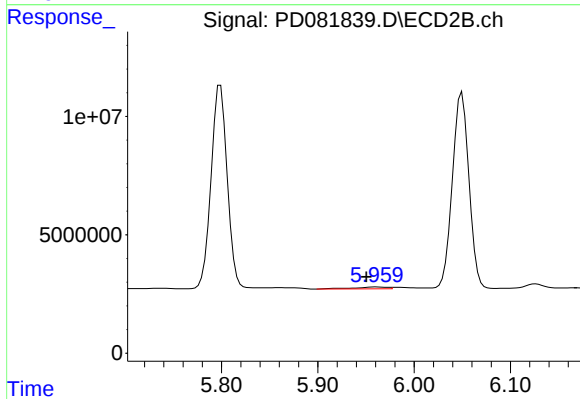
#14 Endrin

R.T.: 5.653 min  
Delta R.T.: -0.005 min  
Response: 112005608  
Conc: 38.98 ng/ml



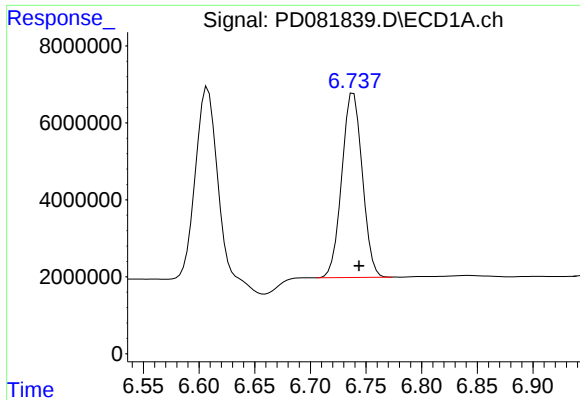
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.829 min  
Response: 0  
Conc: N.D.



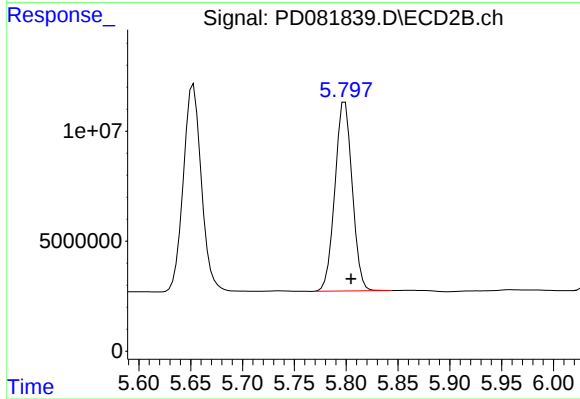
#15 Endosulfan II

R.T.: 5.960 min  
Delta R.T.: 0.009 min  
Response: 2027994  
Conc: 0.72 ng/ml



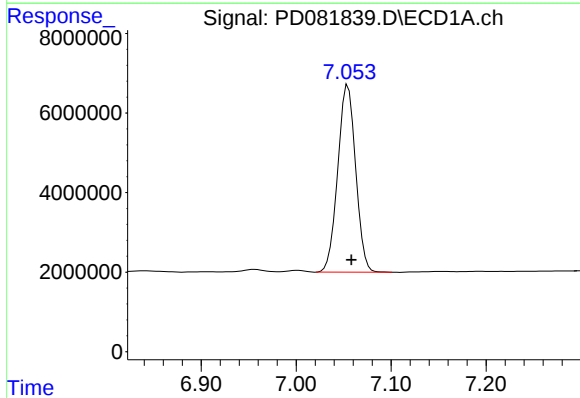
#16 4,4'-DDD

R.T.: 6.739 min  
Delta R.T.: -0.005 min  
Response: 61535722  
Conc: 37.05 ng/ml



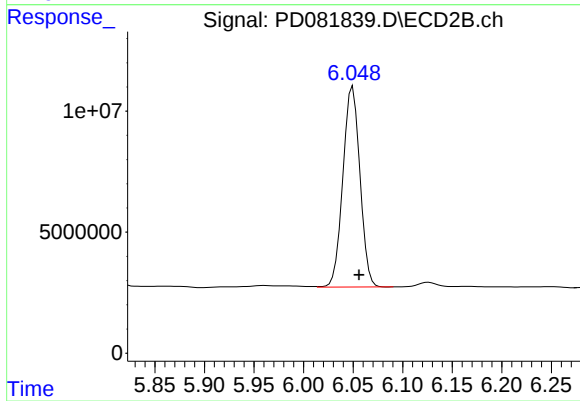
#16 4,4'-DDD

R.T.: 5.799 min  
Delta R.T.: -0.006 min  
Response: 99774913  
Conc: 39.59 ng/ml



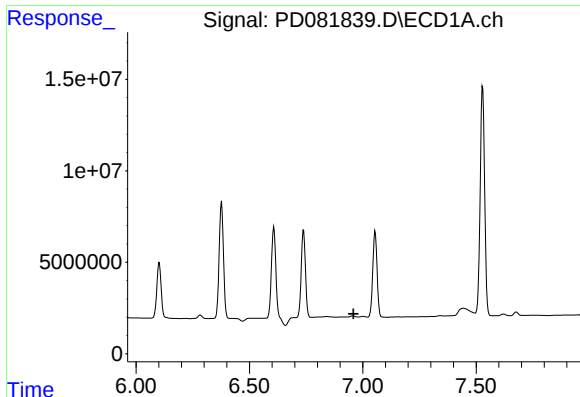
#17 4,4'-DDT

R.T.: 7.055 min  
Delta R.T.: -0.004 min  
Response: 61784165  
Conc: 35.56 ng/ml



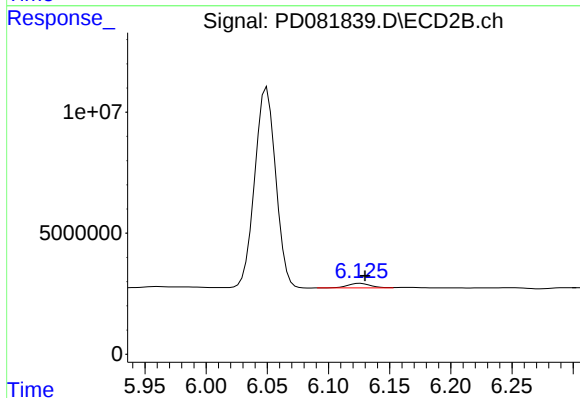
#17 4,4'-DDT

R.T.: 6.050 min  
Delta R.T.: -0.006 min  
Response: 99194830  
Conc: 38.41 ng/ml



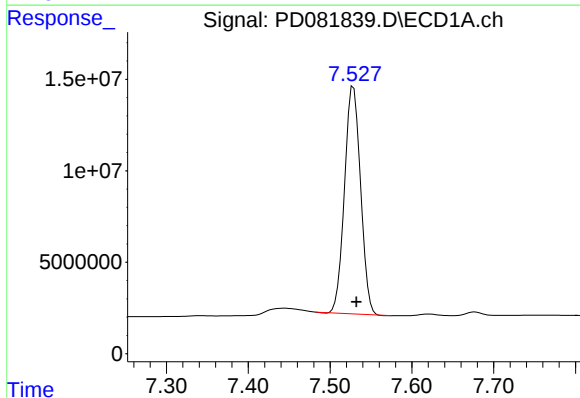
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.960 min  
Response: 0  
Conc: N.D.



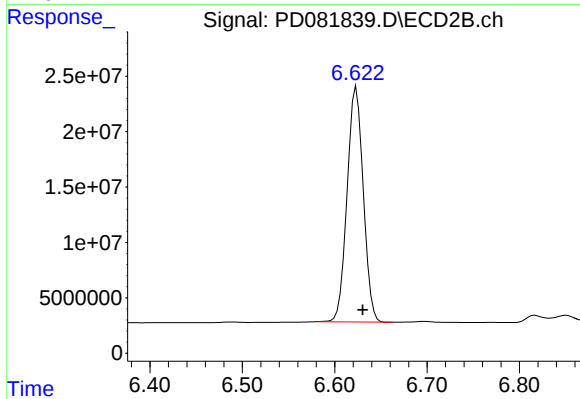
#18 Endrin aldehyde

R.T.: 6.126 min  
Delta R.T.: -0.004 min  
Response: 2438754  
Conc: 1.13 ng/ml



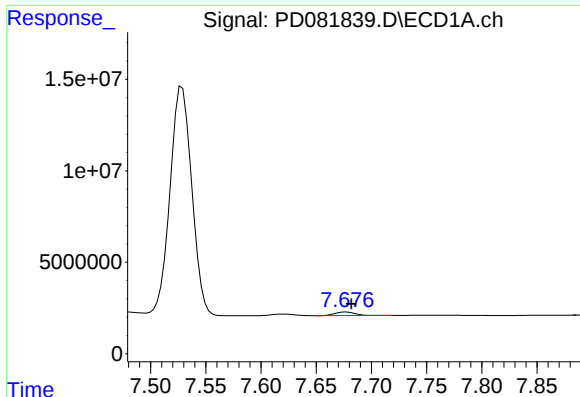
#20 Methoxychlor

R.T.: 7.529 min  
Delta R.T.: -0.004 min  
Response: 168484354  
Conc: 183.68 ng/ml



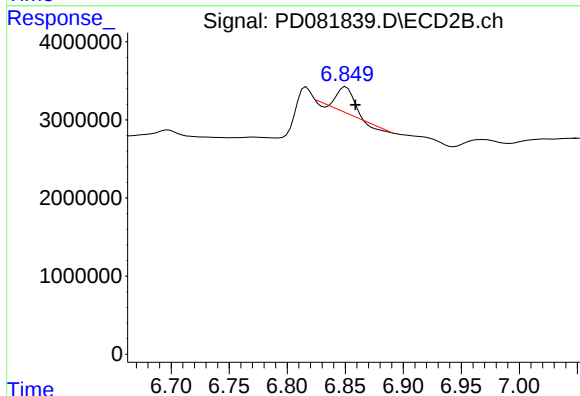
#20 Methoxychlor

R.T.: 6.624 min  
Delta R.T.: -0.007 min  
Response: 258110583  
Conc: 193.19 ng/ml



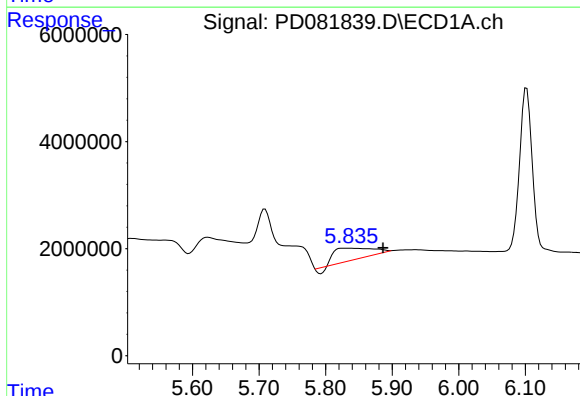
#21 Endrin ketone

R.T.: 7.677 min  
Delta R.T.: -0.005 min  
Response: 2605796  
Conc: 1.35 ng/ml



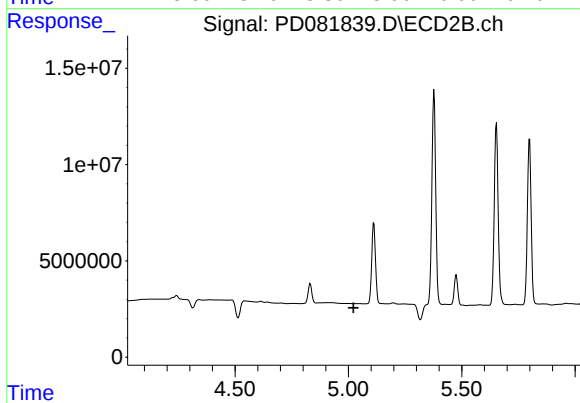
#21 Endrin ketone

R.T.: 6.851 min  
Delta R.T.: -0.008 min  
Response: 2230919  
Conc: 0.74 ng/ml



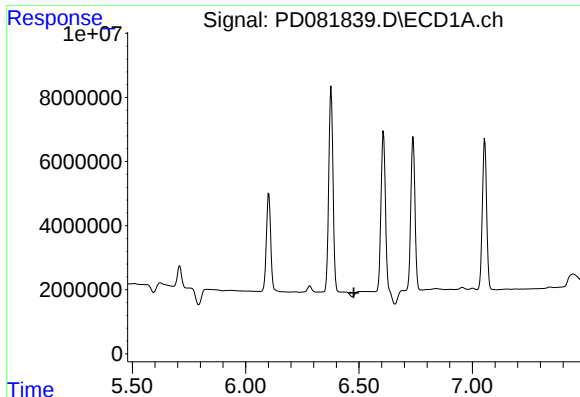
#22 Toxaphene-1

R.T.: 5.835 min  
Delta R.T.: -0.051 min  
Response: 8296370  
Conc: 1270.19 ng/ml



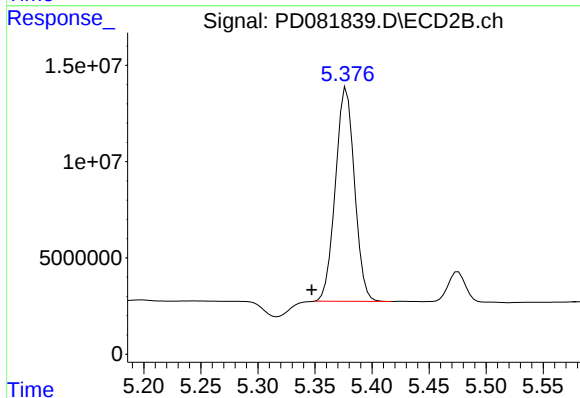
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T.: 5.023 min  
Response: 0  
Conc: N.D.



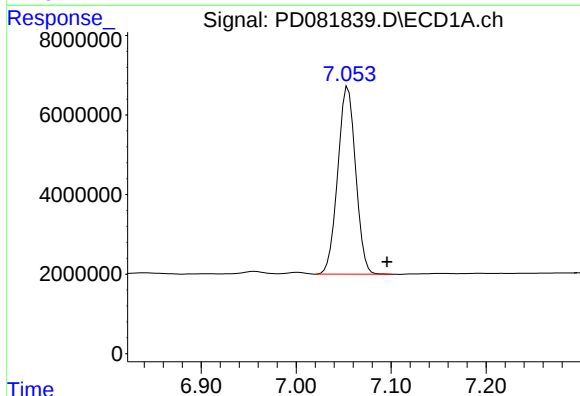
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T.: 6.477 min  
Response: 0  
Conc: N.D.



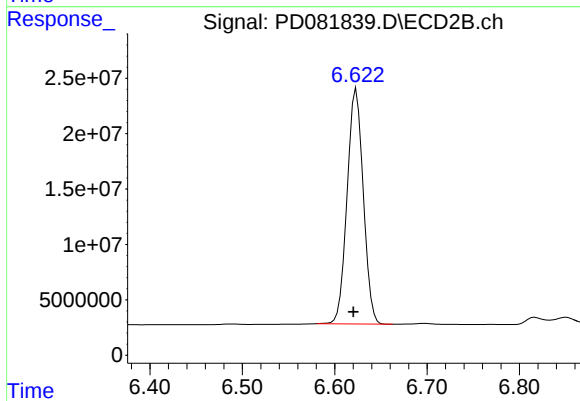
#23 Toxaphene-2

R.T.: 5.378 min  
Delta R.T.: 0.031 min  
Response: 129303974  
Conc: 7586.79 ng/ml



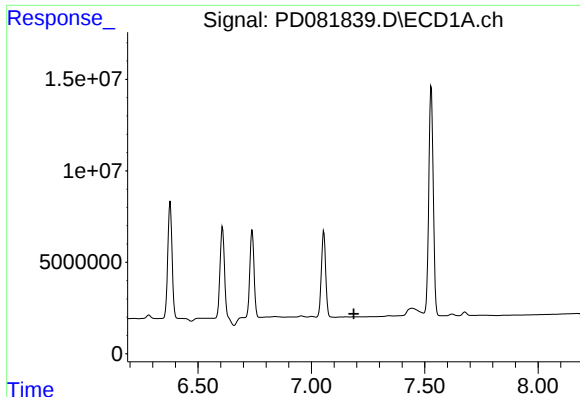
#24 Toxaphene-3

R.T.: 7.055 min  
Delta R.T.: -0.041 min  
Response: 61784165  
Conc: 1168.28 ng/ml



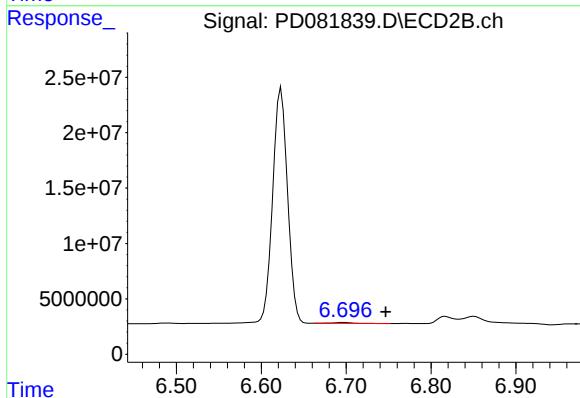
#24 Toxaphene-3

R.T.: 6.624 min  
Delta R.T.: 0.003 min  
Response: 258110583  
Conc: 4409.75 ng/ml



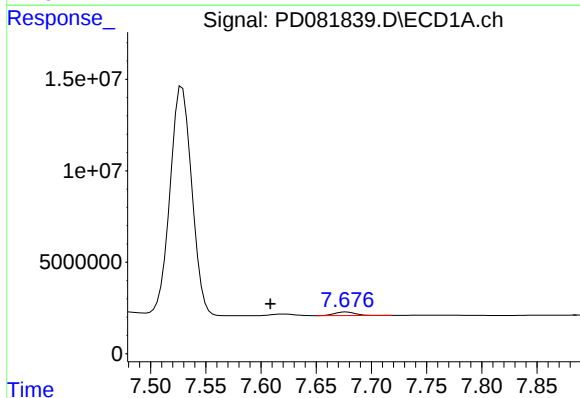
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T.: 7.187 min  
Response: 0  
Conc: N.D.



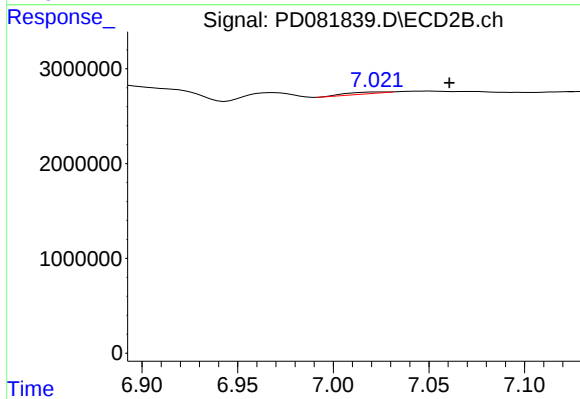
#25 Toxaphene-4

R.T.: 6.697 min  
Delta R.T.: -0.050 min  
Response: 1223712  
Conc: 15.38 ng/ml



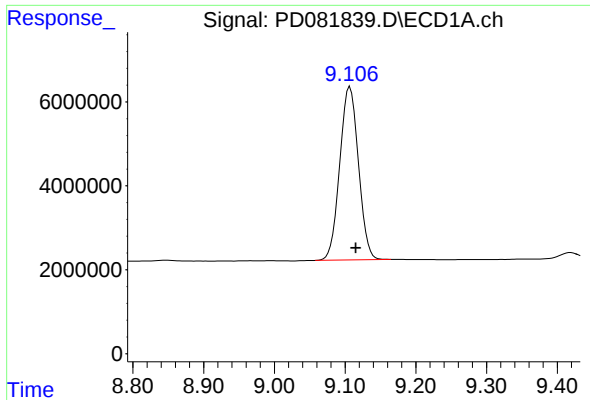
#26 Toxaphene-5

R.T.: 7.677 min  
Delta R.T.: 0.069 min  
Response: 2605796  
Conc: 87.86 ng/ml



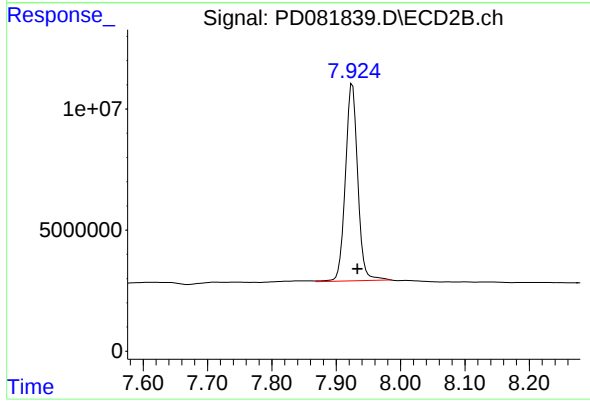
#26 Toxaphene-5

R.T.: 7.023 min  
Delta R.T.: -0.038 min  
Response: 238999  
Conc: 7.37 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.107 min  
Delta R.T.: -0.008 min  
Response: 75839020  
Conc: 39.31 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.925 min  
Delta R.T.: -0.008 min  
Response: 108479454  
Conc: 43.73 ng/ml