

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060824\  
 Data File : PD083543.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jun 2024 05:07  
 Operator : AR\AJ  
 Sample : PEM108  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 08 07:41:53 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060724CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 07 04:03:14 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

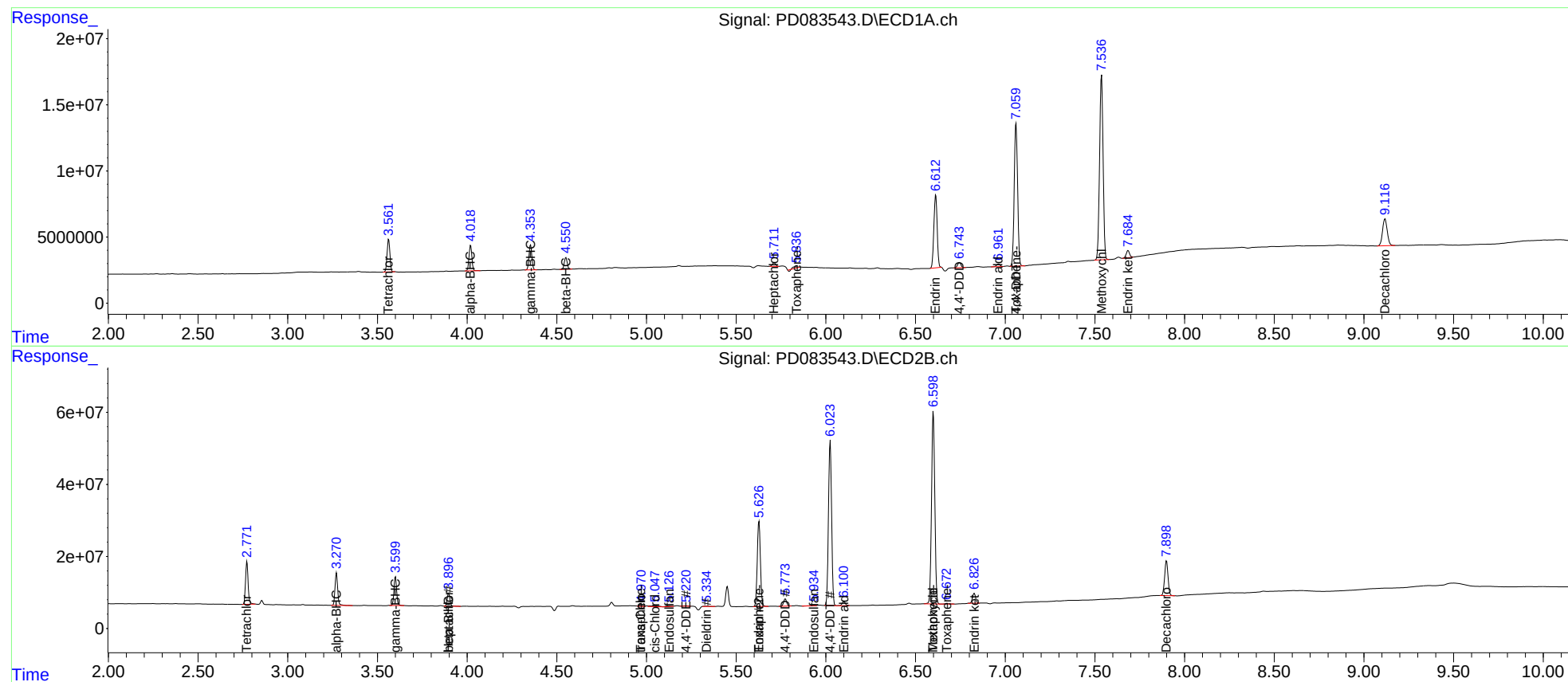
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.563  | 2.773  | 26984326 | 119.8E6  | 20.673   | 21.969     |
| 27)                         | SA Decachlor... | 9.118  | 7.899  | 37070804 | 126.9E6  | 19.064   | 20.902     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.020  | 3.272  | 21328102 | 92225302 | 9.610    | 10.818     |
| 3)                          | MA gamma-BHC... | 4.354  | 3.600  | 21084214 | 81746210 | 9.691    | 10.468     |
| 4)                          | MA Heptachlor   | 0.000  | 3.897f | 0        | 38805862 | N.D.     | 4.956      |
| 5)                          | MB Aldrin       | 0.000  | 4.230  | 0        | 164625   | N.D.     | <MDL       |
| 6)                          | B beta-BHC      | 4.551  | 3.897  | 10016126 | 38805862 | 9.939    | 10.875     |
| 7)                          | B delta-BHC     | 0.000  | 4.129  | 0        | 543382   | N.D.     | <MDL       |
| 8)                          | B Heptachlo...  | 5.712  | 4.722  | 3382630  | 1009     | 1.638    | <MDL #     |
| 9)                          | A Endosulfan I  | 0.000  | 5.127f | 0        | 4207302  | N.D.     | 0.636      |
| 10)                         | B trans-Chl...  | 0.000  | 4.970  | 0        | 3255045  | N.D.     | 0.448      |
| 11)                         | B cis-Chlor...  | 0.000  | 5.047  | 0        | 8228693  | N.D.     | 1.118      |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.221  | 0        | 1194263  | N.D.     | 0.168      |
| 13)                         | MA Dieldrin     | 0.000  | 5.336  | 0        | 1739771  | N.D.     | 0.239      |
| 14)                         | MA Endrin       | 6.613  | 5.627  | 70413999 | 288.1E6  | 41.683   | 44.542     |
| 15)                         | B Endosulfa...  | 0.000  | 5.936  | 0        | 1700667  | N.D.     | 0.268      |
| 16)                         | A 4,4'-DDD      | 6.745  | 5.774  | 5143999  | 23284421 | 3.510    | 4.130      |
| 17)                         | MA 4,4'-DDT     | 7.060  | 6.024  | 141.5E6  | 552.9E6  | 93.913   | 97.679     |
| 18)                         | B Endrin al...  | 6.963  | 6.101  | 2681337  | 13748652 | 2.010    | 2.870 #    |
| 19)                         | B Endosulfa...  | 0.000  | 6.350  | 0        | 472156   | N.D.     | <MDL       |
| 20)                         | A Methoxychlor  | 7.537  | 6.599  | 189.9E6  | 678.2E6  | 219.443  | 233.346    |
| 21)                         | B Endrin ke...  | 7.685  | 6.827  | 6868588  | 33565800 | 3.684    | 4.993 #    |
| 22)                         | Toxaphene-1     | 5.837f | 4.970  | 1847781  | 3255045  | 305.165  | 89.896 #   |
| 23)                         | Toxaphene-2     | 0.000  | 5.627f | 0        | 288.1E6  | N.D.     | 7234.024   |
| 24)                         | Toxaphene-3     | 7.060f | 6.599  | 141.5E6  | 678.2E6  | 2909.818 | 5305.473 # |
| 25)                         | Toxaphene-4     | 0.000  | 6.674f | 0        | 2492647  | N.D.     | 13.942     |
| -----                       |                 |        |        |          |          |          |            |

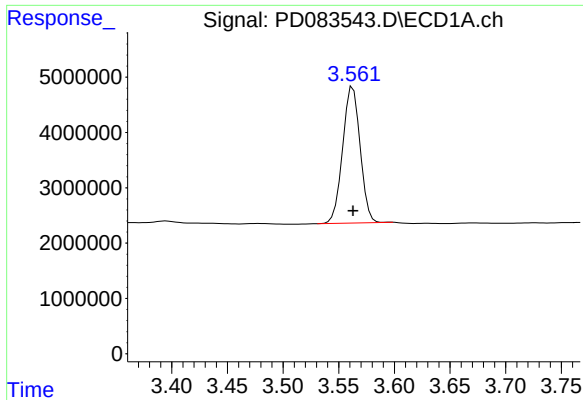
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060824\  
Data File : PD083543.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jun 2024 05:07  
Operator : AR\AJ  
Sample : PEM108  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 08 07:41:53 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060724CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 07 04:03:14 2024  
Response via : Initial Calibration  
Integrator: ChemStation

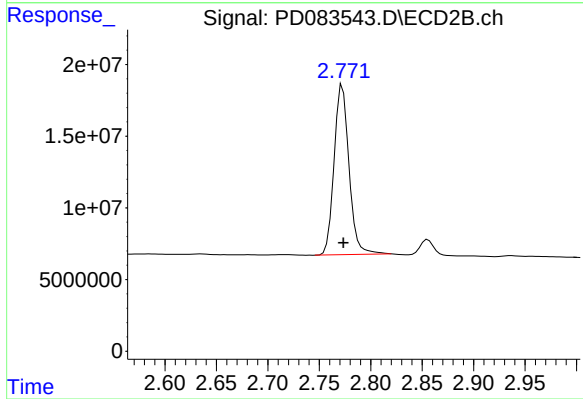
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





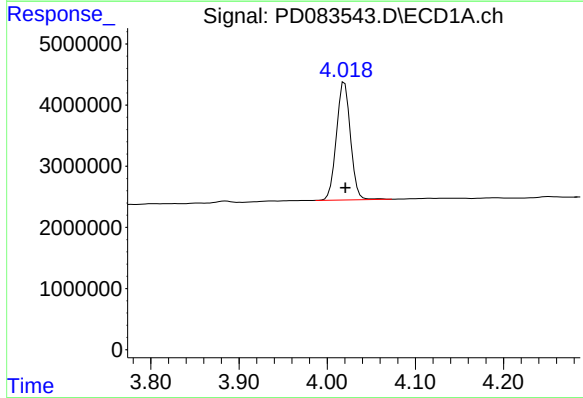
#1 Tetrachloro-m-xylene

R.T.: 3.563 min  
Delta R.T.: 0.000 min  
Response: 26984326  
Conc: 20.67 ng/ml



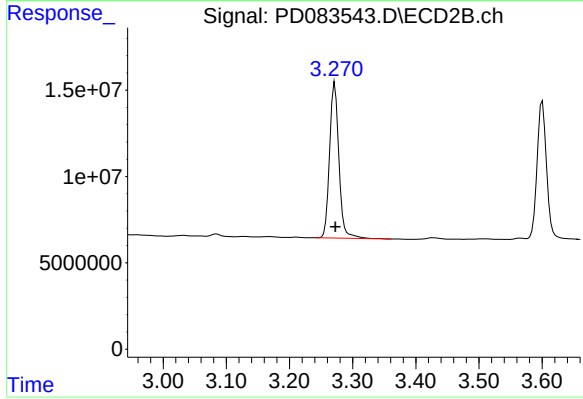
#1 Tetrachloro-m-xylene

R.T.: 2.773 min  
Delta R.T.: 0.000 min  
Response: 119750737  
Conc: 21.97 ng/ml



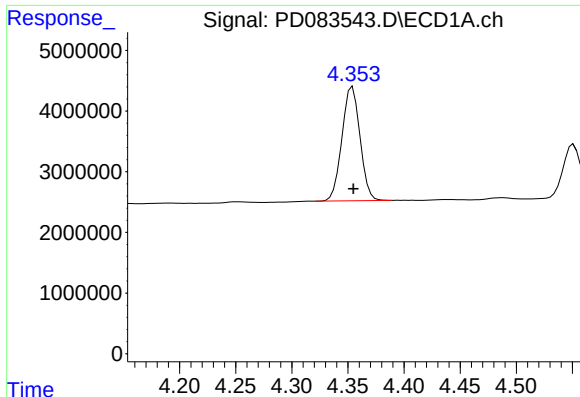
#2 alpha-BHC

R.T.: 4.020 min  
Delta R.T.: 0.000 min  
Response: 21328102  
Conc: 9.61 ng/ml



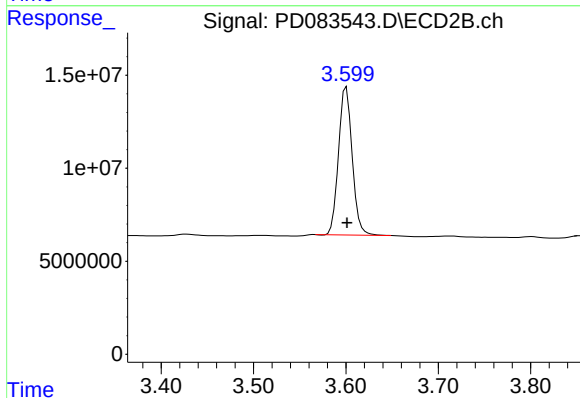
#2 alpha-BHC

R.T.: 3.272 min  
Delta R.T.: 0.000 min  
Response: 92225302  
Conc: 10.82 ng/ml



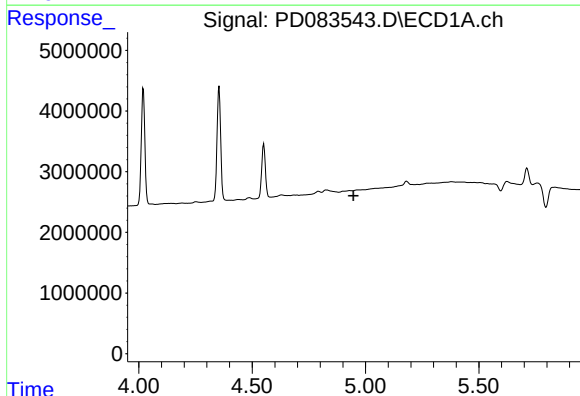
#3 gamma-BHC (Lindane)

R.T.: 4.354 min  
Delta R.T.: 0.000 min  
Response: 21084214  
Conc: 9.69 ng/ml



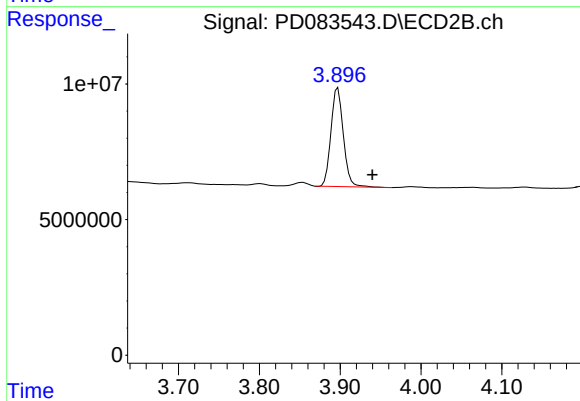
#3 gamma-BHC (Lindane)

R.T.: 3.600 min  
Delta R.T.: 0.000 min  
Response: 81746210  
Conc: 10.47 ng/ml



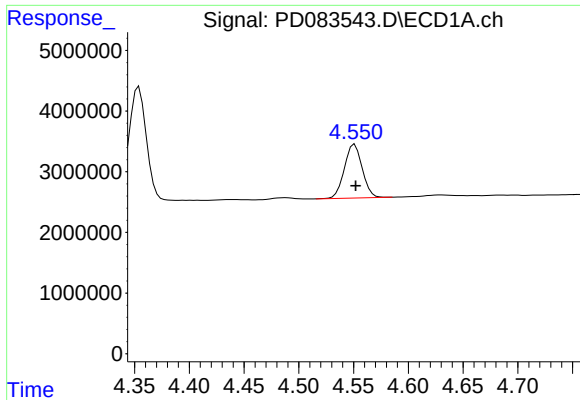
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.947 min  
Response: 0  
Conc: N.D.



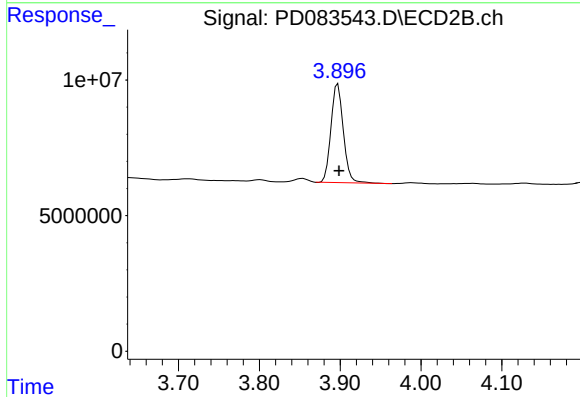
#4 Heptachlor

R.T.: 3.897 min  
Delta R.T.: -0.043 min  
Response: 38805862  
Conc: 4.96 ng/ml



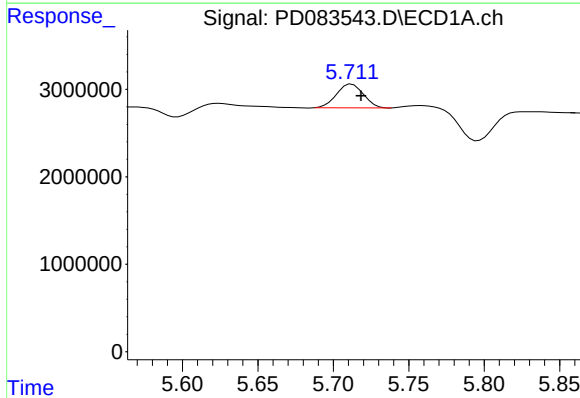
#6 beta-BHC

R.T.: 4.551 min  
Delta R.T.: 0.000 min  
Response: 10016126  
Conc: 9.94 ng/ml



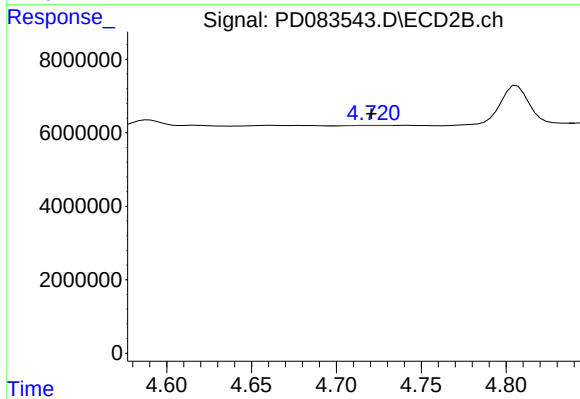
#6 beta-BHC

R.T.: 3.897 min  
Delta R.T.: -0.001 min  
Response: 38805862  
Conc: 10.88 ng/ml



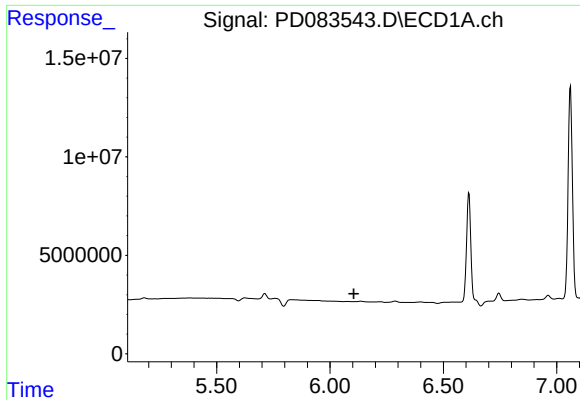
#8 Heptachlor epoxide

R.T.: 5.712 min  
Delta R.T.: -0.006 min  
Response: 3382630  
Conc: 1.64 ng/ml



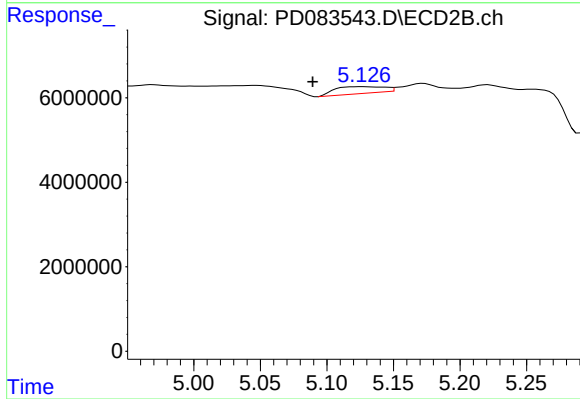
#8 Heptachlor epoxide

R.T.: 4.722 min  
Delta R.T.: 0.001 min  
Response: 1009  
Conc: N.D.



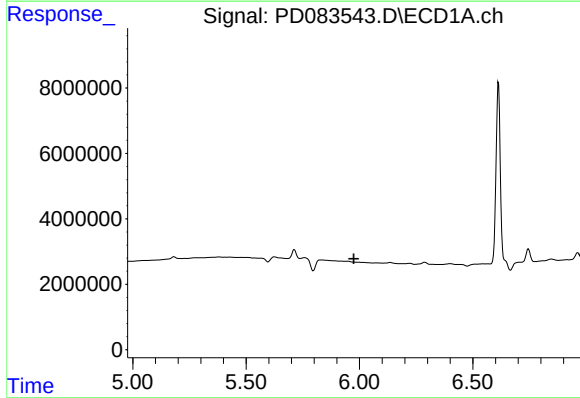
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.105 min  
Response: 0  
Conc: N.D.



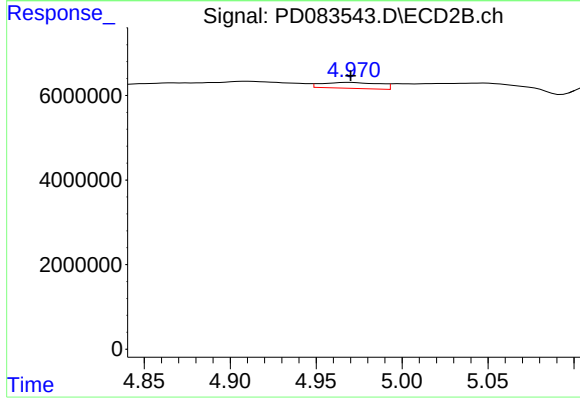
#9 Endosulfan I

R.T.: 5.127 min  
Delta R.T.: 0.038 min  
Response: 4207302  
Conc: 0.64 ng/ml



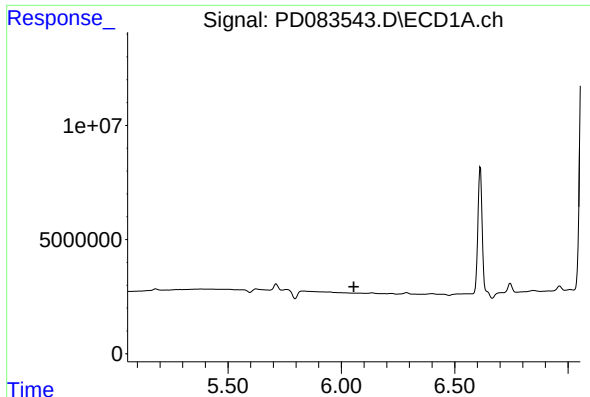
#10 trans-Chlordane

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



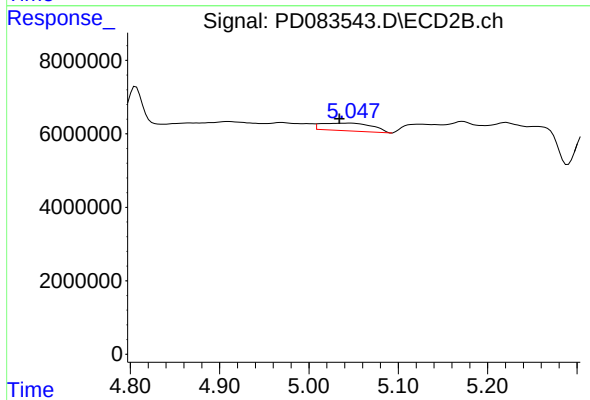
#10 trans-Chlordane

R.T.: 4.970 min  
Delta R.T.: 0.000 min  
Response: 3255045  
Conc: 0.45 ng/ml



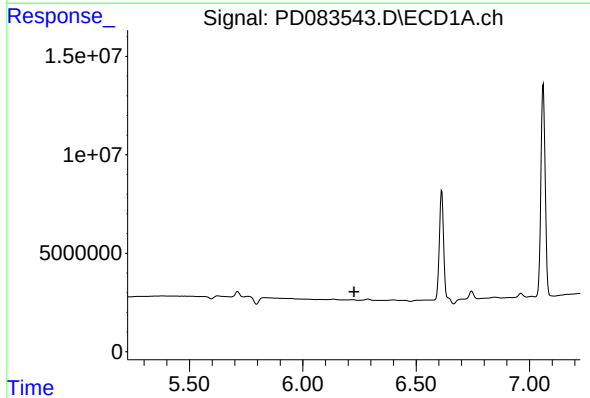
#11 cis-Chlordane

R.T.: 0.000 min  
Exp R.T.: 6.055 min  
Response: 0  
Conc: N.D.



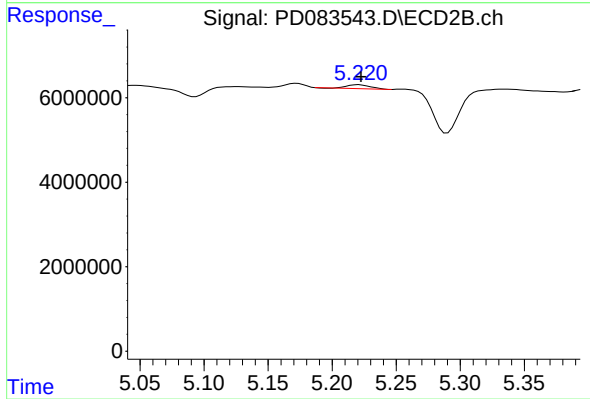
#11 cis-Chlordane

R.T.: 5.047 min  
Delta R.T.: 0.013 min  
Response: 8228693  
Conc: 1.12 ng/ml



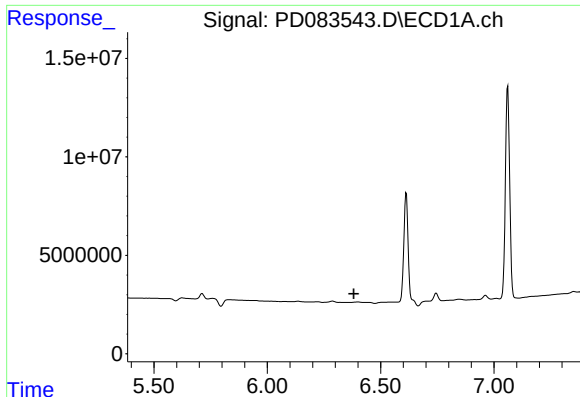
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 6.227 min  
Response: 0  
Conc: N.D.



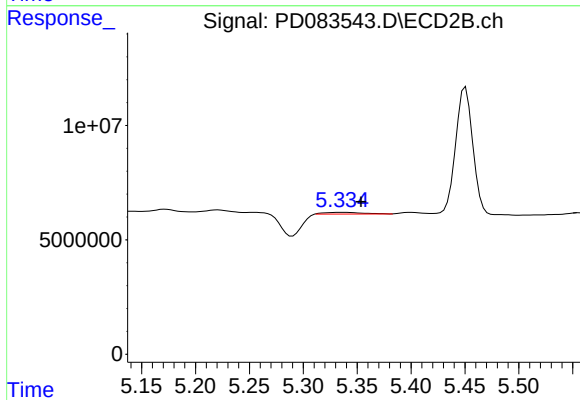
#12 4,4'-DDE

R.T.: 5.221 min  
Delta R.T.: -0.002 min  
Response: 1194263  
Conc: 0.17 ng/ml



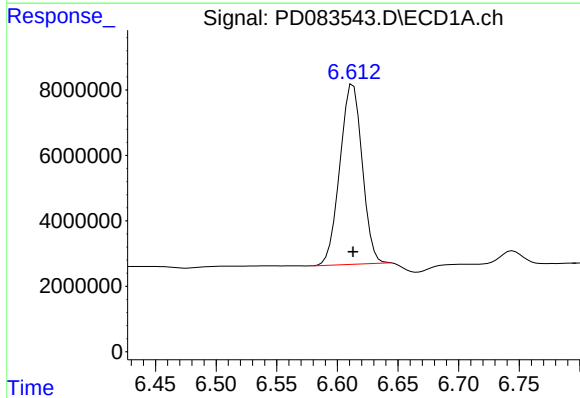
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.381 min  
Response: 0  
Conc: N.D.



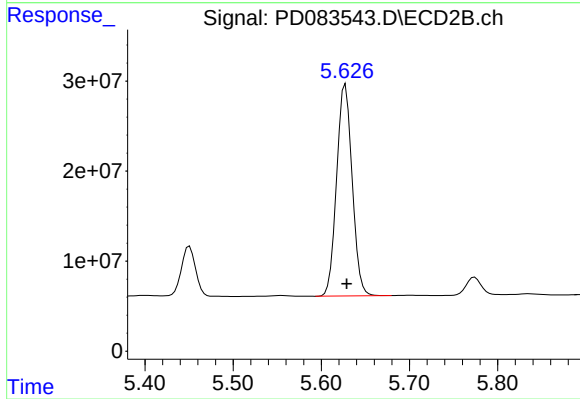
#13 Dieldrin

R.T.: 5.336 min  
Delta R.T.: -0.018 min  
Response: 1739771  
Conc: 0.24 ng/ml



#14 Endrin

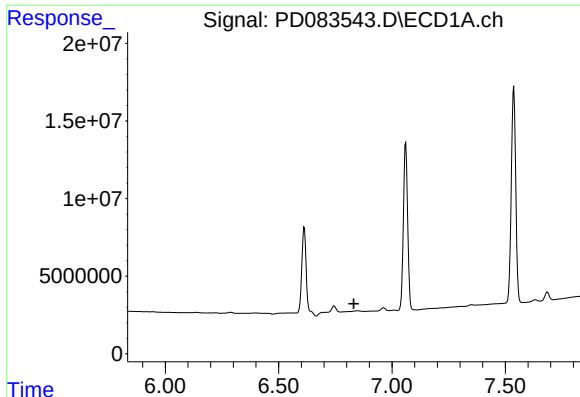
R.T.: 6.613 min  
Delta R.T.: 0.000 min  
Response: 70413999  
Conc: 41.68 ng/ml



#14 Endrin

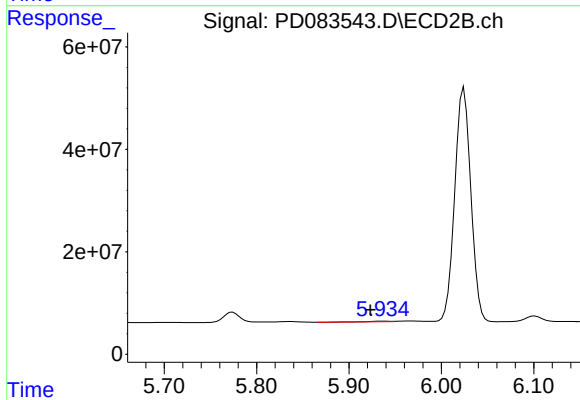
R.T.: 5.627 min  
Delta R.T.: -0.001 min  
Response: 288073797  
Conc: 44.54 ng/ml





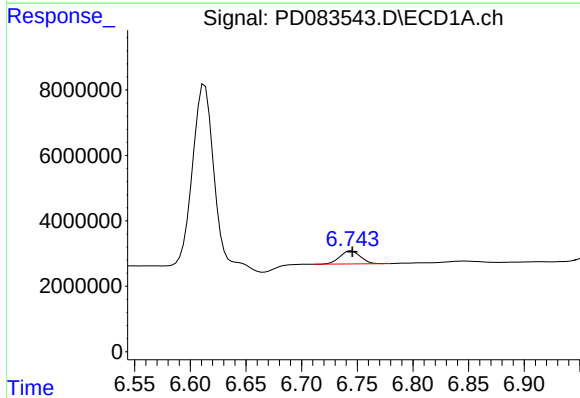
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.832 min  
Response: 0  
Conc: N.D.



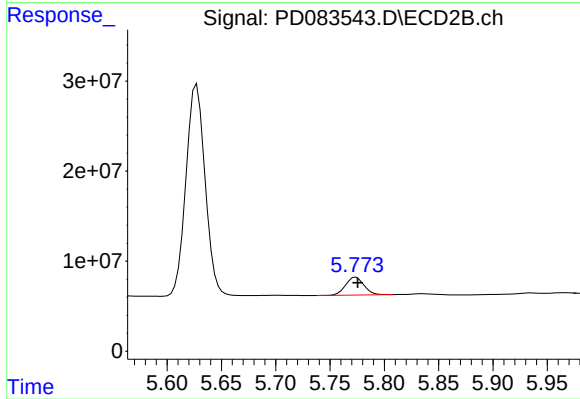
#15 Endosulfan II

R.T.: 5.936 min  
Delta R.T.: 0.013 min  
Response: 1700667  
Conc: 0.27 ng/ml



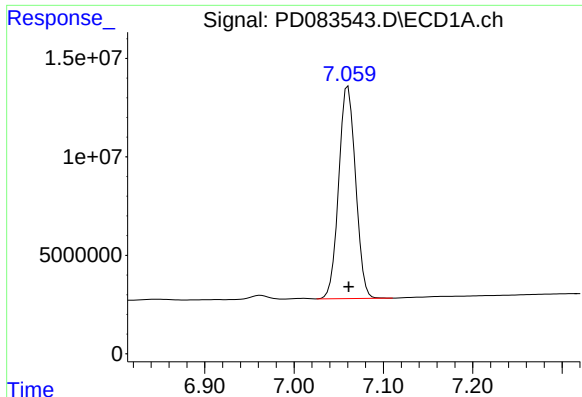
#16 4,4'-DDD

R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 5143999  
Conc: 3.51 ng/ml



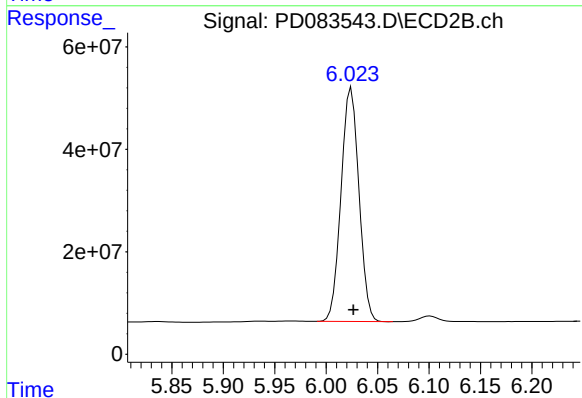
#16 4,4'-DDD

R.T.: 5.774 min  
Delta R.T.: -0.002 min  
Response: 23284421  
Conc: 4.13 ng/ml



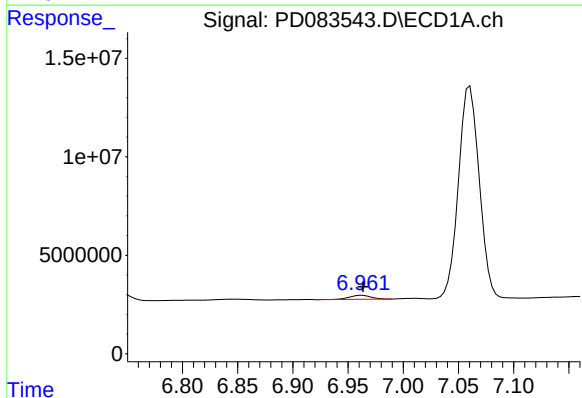
#17 4,4'-DDT

R.T.: 7.060 min  
Delta R.T.: 0.000 min  
Response: 141474271  
Conc: 93.91 ng/ml



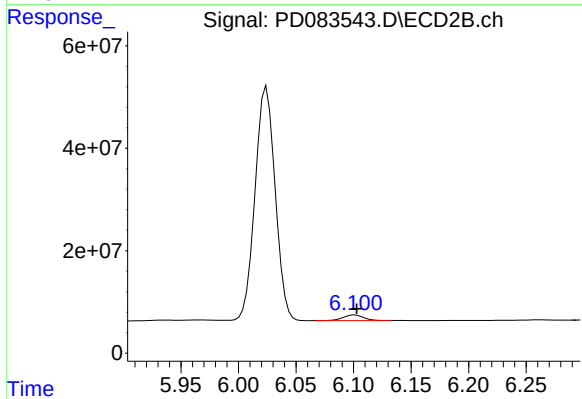
#17 4,4'-DDT

R.T.: 6.024 min  
Delta R.T.: -0.002 min  
Response: 552919028  
Conc: 97.68 ng/ml



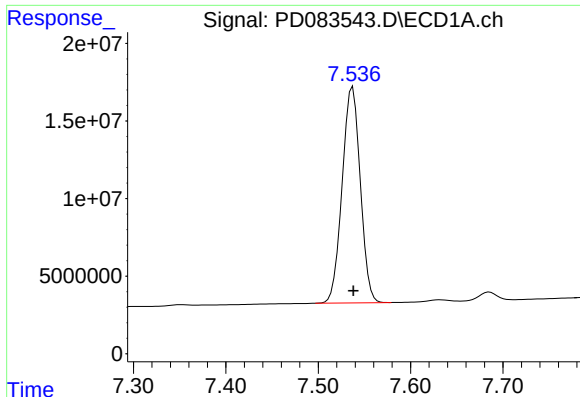
#18 Endrin aldehyde

R.T.: 6.963 min  
Delta R.T.: 0.000 min  
Response: 2681337  
Conc: 2.01 ng/ml



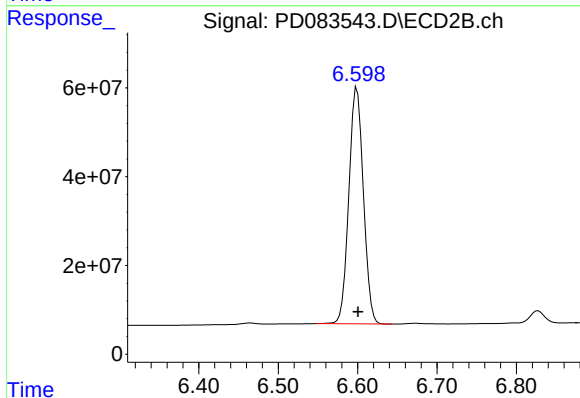
#18 Endrin aldehyde

R.T.: 6.101 min  
Delta R.T.: -0.002 min  
Response: 13748652  
Conc: 2.87 ng/ml



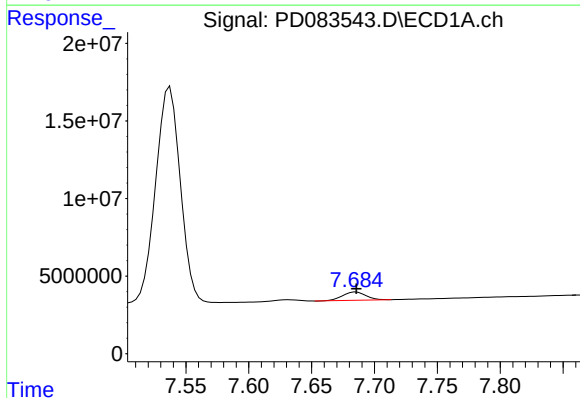
#20 Methoxychlor

R.T.: 7.537 min  
Delta R.T.: 0.000 min  
Response: 189855590  
Conc: 219.44 ng/ml



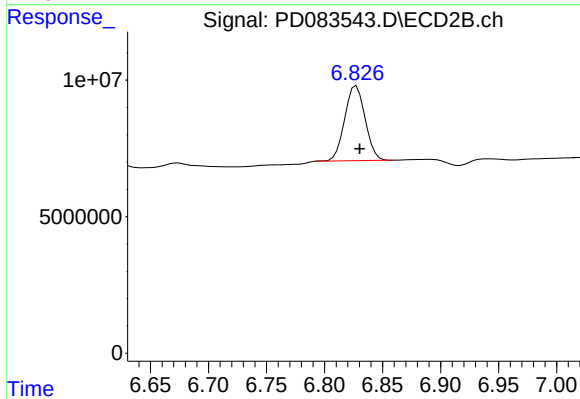
#20 Methoxychlor

R.T.: 6.599 min  
Delta R.T.: -0.001 min  
Response: 678199848  
Conc: 233.35 ng/ml



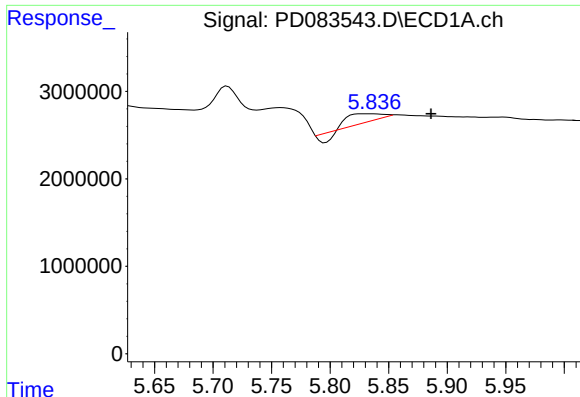
#21 Endrin ketone

R.T.: 7.685 min  
Delta R.T.: 0.000 min  
Response: 6868588  
Conc: 3.68 ng/ml



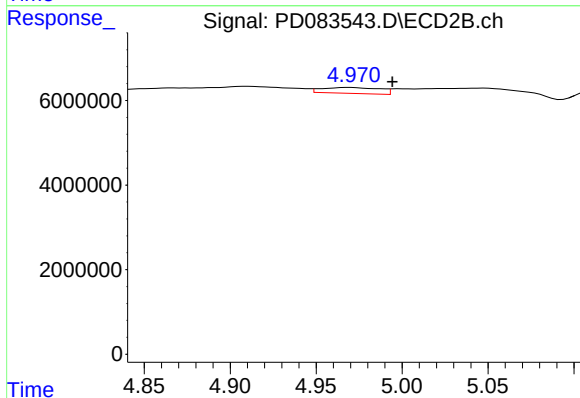
#21 Endrin ketone

R.T.: 6.827 min  
Delta R.T.: -0.003 min  
Response: 33565800  
Conc: 4.99 ng/ml



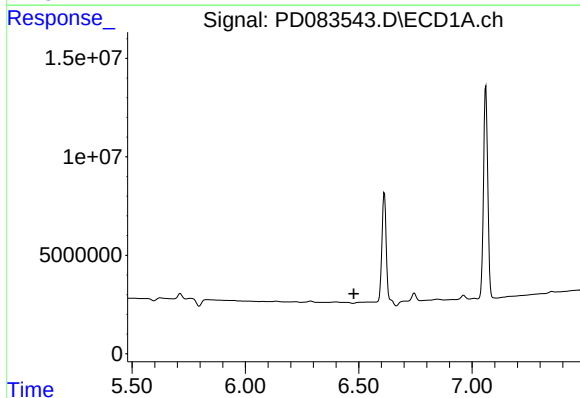
#22 Toxaphene-1

R.T.: 5.837 min  
Delta R.T.: -0.050 min  
Response: 1847781  
Conc: 305.16 ng/ml



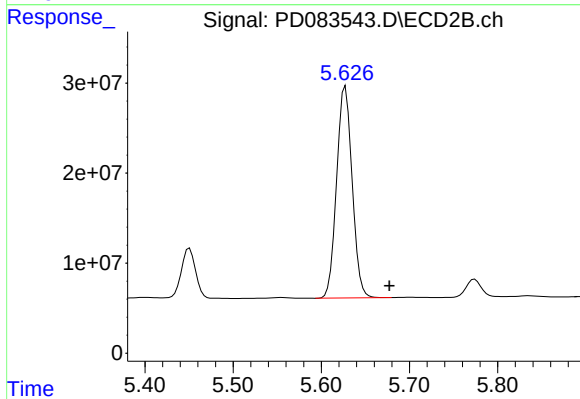
#22 Toxaphene-1

R.T.: 4.970 min  
Delta R.T.: -0.025 min  
Response: 3255045  
Conc: 89.90 ng/ml



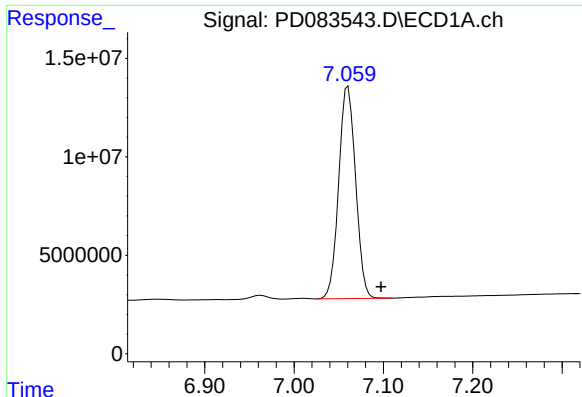
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T. : 6.479 min  
Response: 0  
Conc: N.D.



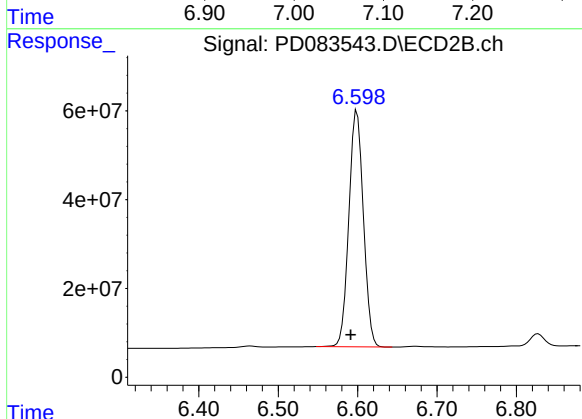
#23 Toxaphene-2

R.T.: 5.627 min  
Delta R.T.: -0.050 min  
Response: 288073797  
Conc: 7234.02 ng/ml



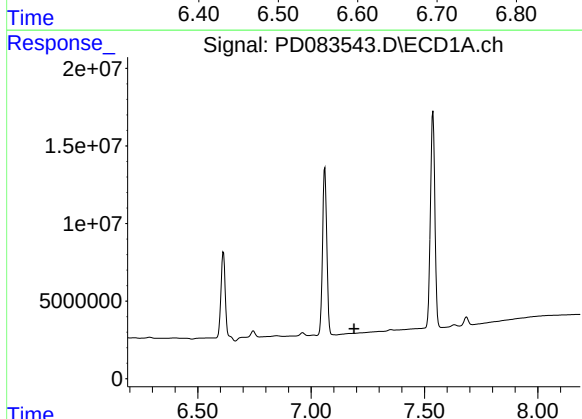
#24 Toxaphene-3

R.T.: 7.060 min  
Delta R.T.: -0.037 min  
Response: 141474271  
Conc: 2909.82 ng/ml



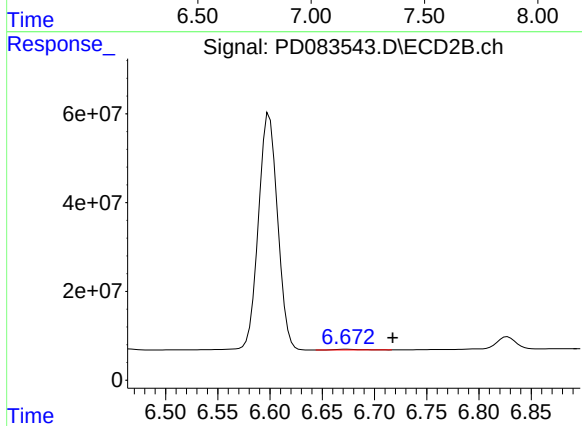
#24 Toxaphene-3

R.T.: 6.599 min  
Delta R.T.: 0.008 min  
Response: 678199848  
Conc: 5305.47 ng/ml



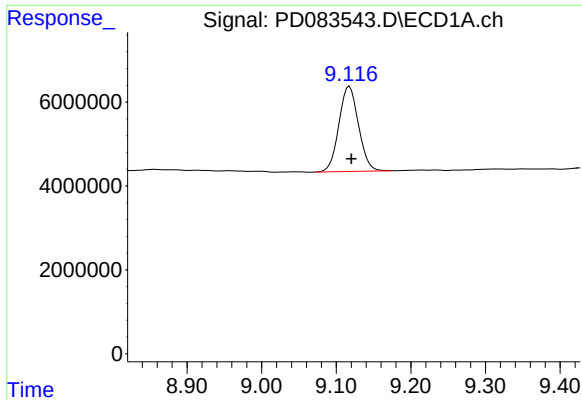
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T.: 7.190 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

R.T.: 6.674 min  
Delta R.T.: -0.044 min  
Response: 2492647  
Conc: 13.94 ng/ml



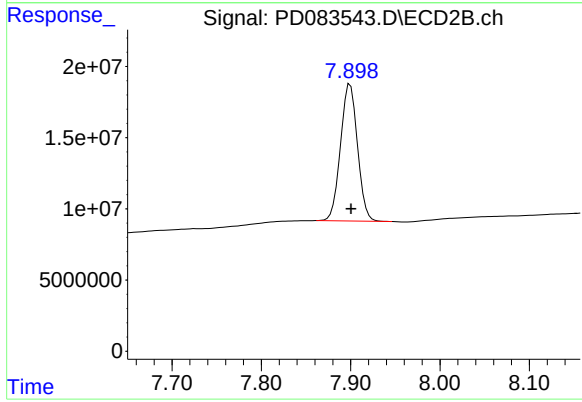
#27 Decachlorobiphenyl

R.T.: 9.118 min

Delta R.T.: -0.002 min

Response: 37070804

Conc: 19.06 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.899 min

Delta R.T.: 0.000 min

Response: 126921382

Conc: 20.90 ng/ml