

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD053024\  
 Data File : PD083225.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 May 2024 08:39  
 Operator : AR\AJ  
 Sample : PEM089  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 31 00:22:16 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051924CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 17 05:17:58 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

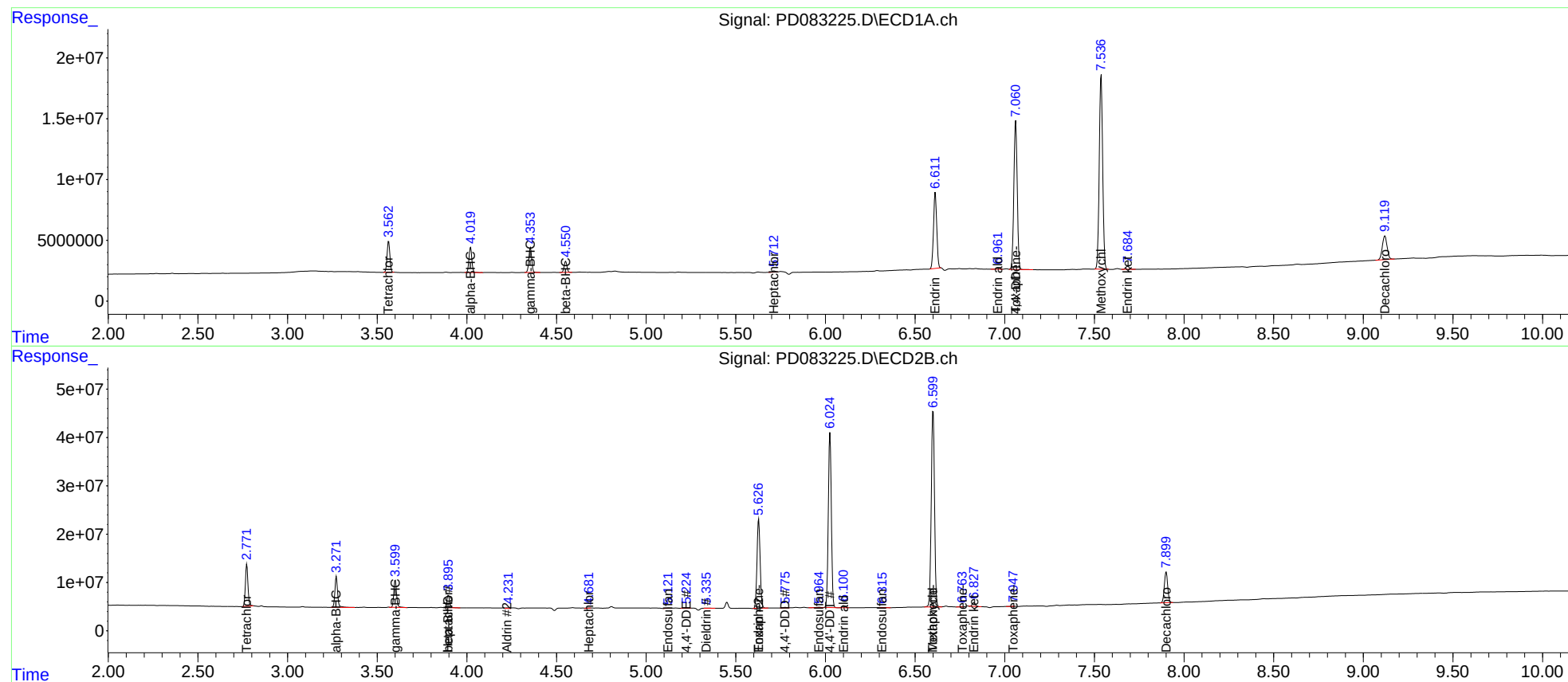
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.564  | 2.773  | 27702640 | 86316905 | 18.521   | 22.197     |
| 27)                         | SA Decachlor... | 9.121  | 7.901  | 36200251 | 83184675 | 18.060   | 21.025     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.021  | 3.272  | 23097645 | 67535675 | 9.053    | 10.864     |
| 3)                          | MA gamma-BHC... | 4.355  | 3.601  | 22820355 | 60164189 | 9.248    | 10.398     |
| 4)                          | MA Heptachlor   | 0.000  | 3.897f | 0        | 27926263 | N.D.     | 5.015      |
| 5)                          | MB Aldrin       | 0.000  | 4.227  | 0        | 2064160  | N.D.     | 0.373      |
| 6)                          | B beta-BHC      | 4.551  | 3.897  | 10151095 | 27926263 | 9.357    | 11.135     |
| 8)                          | B Heptachlo...  | 5.714  | 4.683f | 1100974  | 904077   | 0.493    | 0.177 #    |
| 9)                          | A Endosulfan I  | 0.000  | 5.123  | 0        | 1093684  | N.D.     | 0.243      |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.226  | 0        | 756599   | N.D.     | 0.159      |
| 13)                         | MA Dieldrin     | 0.000  | 5.336  | 0        | 628502   | N.D.     | 0.126      |
| 14)                         | MA Endrin       | 6.613  | 5.628  | 78206788 | 224.2E6  | 43.857   | 51.256     |
| 15)                         | B Endosulfa...  | 0.000  | 5.966f | 0        | 1697247  | N.D.     | 0.403      |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.776  | 0        | 1627577  | N.D.     | 0.433      |
| 17)                         | MA 4,4'-DDT     | 7.061  | 6.025  | 159.6E6  | 425.4E6  | 99.221   | 110.777    |
| 18)                         | B Endrin al...  | 6.963  | 6.101  | 1567592  | 5399370  | 1.128    | 1.712 #    |
| 19)                         | B Endosulfa...  | 0.000  | 6.317  | 0        | 996338   | N.D.     | 0.248      |
| 20)                         | A Methoxychlor  | 7.538  | 6.600  | 212.1E6  | 512.0E6  | 245.146  | 260.949    |
| 21)                         | B Endrin ke...  | 7.686  | 6.828  | 3229509  | 8716961  | 1.713    | 1.938      |
| 23)                         | Toxaphene-2     | 0.000  | 5.628f | 0        | 224.2E6  | N.D.     | 7853.862   |
| 24)                         | Toxaphene-3     | 7.061f | 6.600  | 159.6E6  | 512.0E6  | 3025.722 | 5483.541 # |
| 25)                         | Toxaphene-4     | 0.000  | 6.764f | 0        | 283978   | N.D.     | 2.225      |
| 26)                         | Toxaphene-5     | 0.000  | 7.048  | 0        | 262797   | N.D.     | 5.246      |
| -----                       |                 |        |        |          |          |          |            |

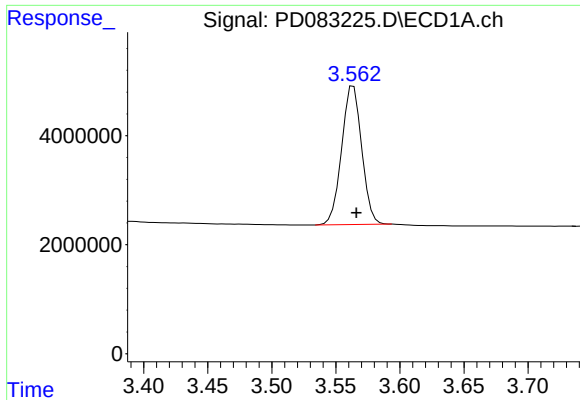
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD053024\  
Data File : PD083225.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 May 2024 08:39  
Operator : AR\AJ  
Sample : PEM089  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 31 00:22:16 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051924CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri May 17 05:17:58 2024  
Response via : Initial Calibration  
Integrator: ChemStation

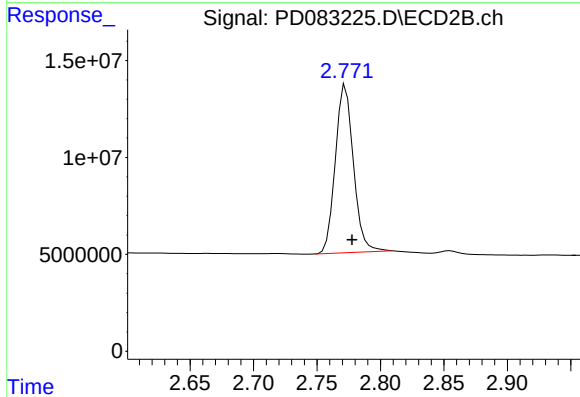
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





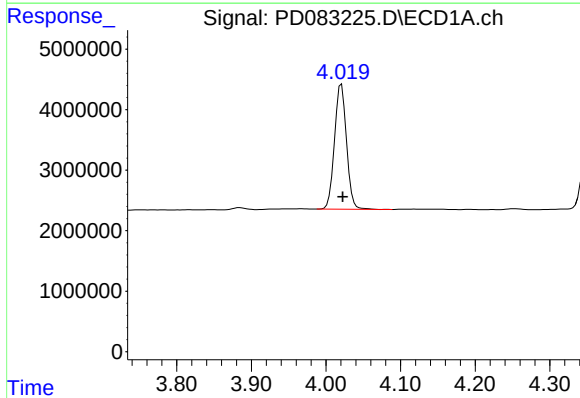
#1 Tetrachloro-m-xylene

R.T.: 3.564 min  
Delta R.T.: -0.002 min  
Response: 27702640  
Conc: 18.52 ng/ml



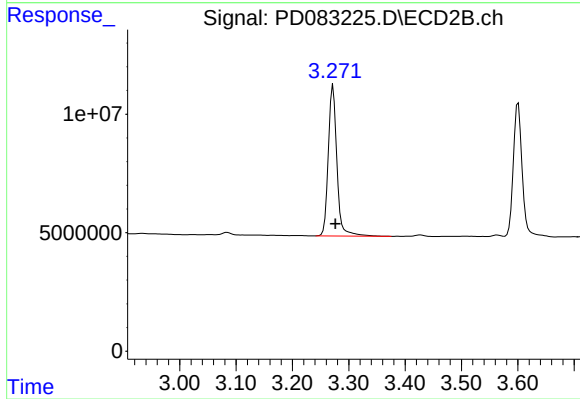
#1 Tetrachloro-m-xylene

R.T.: 2.773 min  
Delta R.T.: -0.005 min  
Response: 86316905  
Conc: 22.20 ng/ml



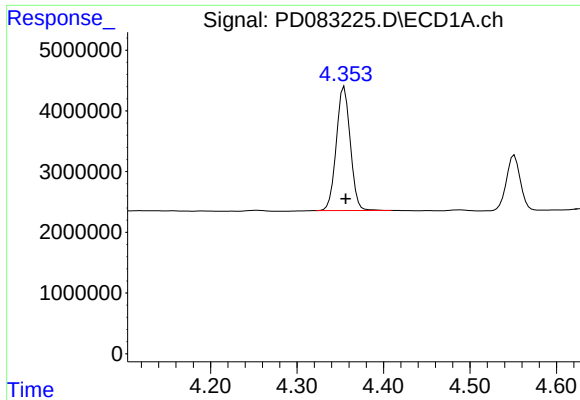
#2 alpha-BHC

R.T.: 4.021 min  
Delta R.T.: -0.002 min  
Response: 23097645  
Conc: 9.05 ng/ml



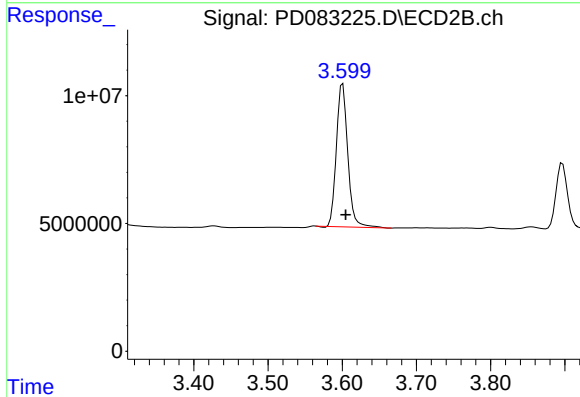
#2 alpha-BHC

R.T.: 3.272 min  
Delta R.T.: -0.004 min  
Response: 67535675  
Conc: 10.86 ng/ml



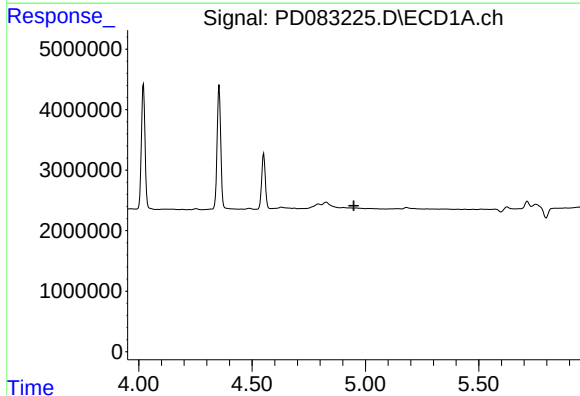
#3 gamma-BHC (Lindane)

R.T.: 4.355 min  
Delta R.T.: -0.002 min  
Response: 22820355  
Conc: 9.25 ng/ml



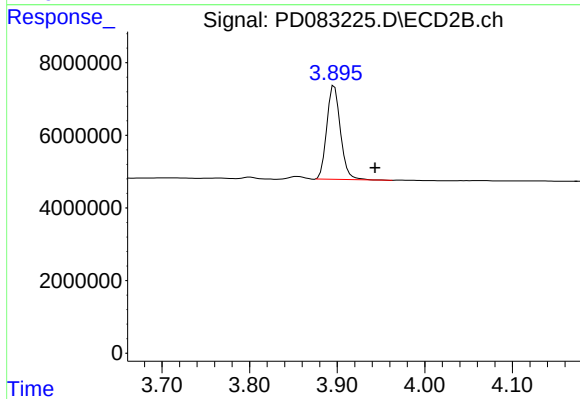
#3 gamma-BHC (Lindane)

R.T.: 3.601 min  
Delta R.T.: -0.004 min  
Response: 60164189  
Conc: 10.40 ng/ml



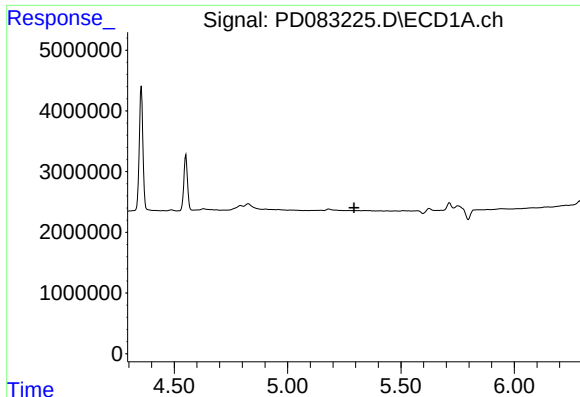
#4 Heptachlor

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



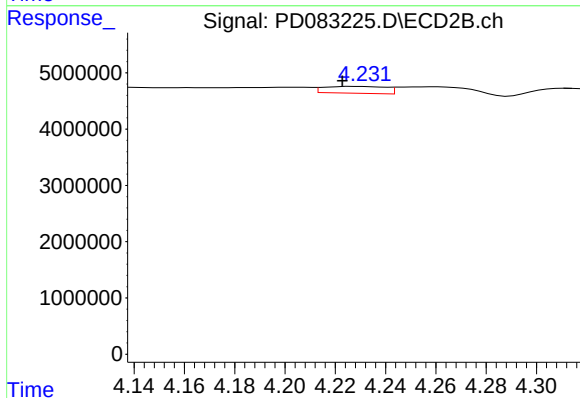
#4 Heptachlor

R.T.: 3.897 min  
Delta R.T.: -0.047 min  
Response: 27926263  
Conc: 5.02 ng/ml



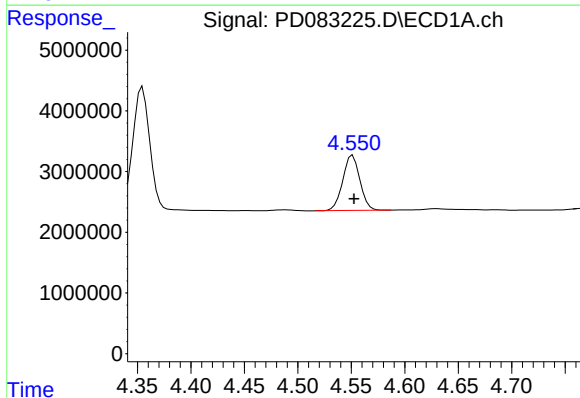
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.293 min  
Response: 0  
Conc: N.D.



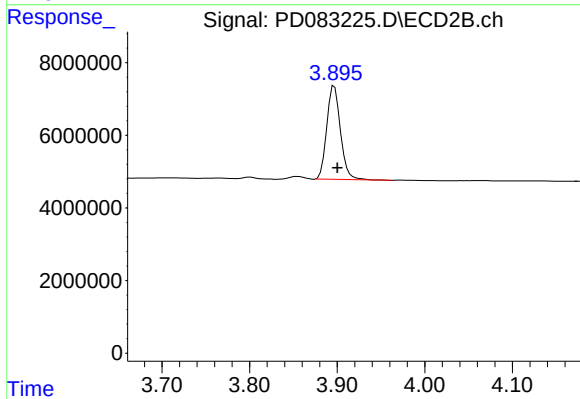
#5 Aldrin

R.T.: 4.227 min  
Delta R.T.: 0.005 min  
Response: 2064160  
Conc: 0.37 ng/ml



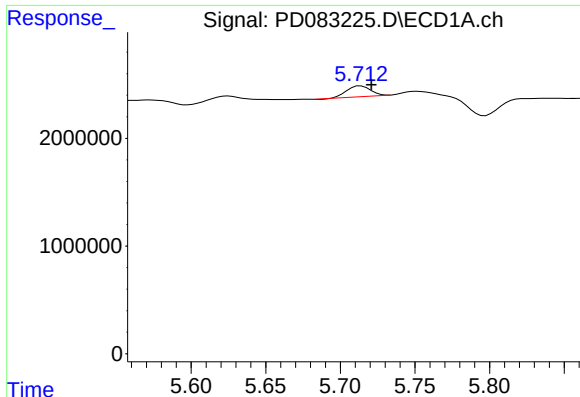
#6 beta-BHC

R.T.: 4.551 min  
Delta R.T.: -0.001 min  
Response: 10151095  
Conc: 9.36 ng/ml



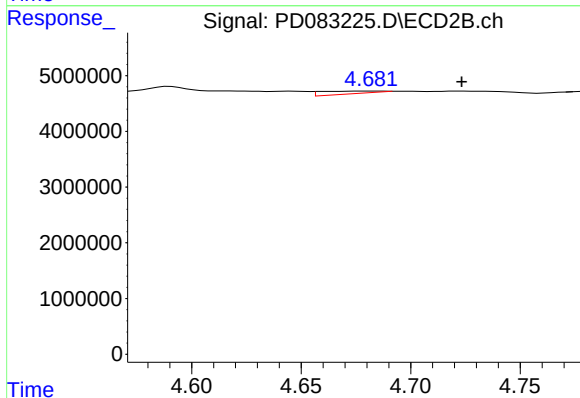
#6 beta-BHC

R.T.: 3.897 min  
Delta R.T.: -0.004 min  
Response: 27926263  
Conc: 11.13 ng/ml



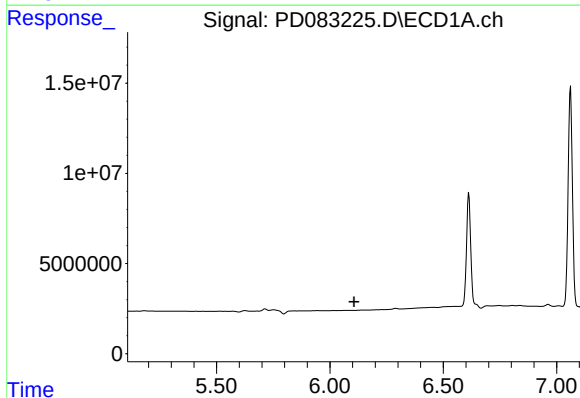
#8 Heptachlor epoxide

R.T.: 5.714 min  
Delta R.T.: -0.007 min  
Response: 1100974  
Conc: 0.49 ng/ml



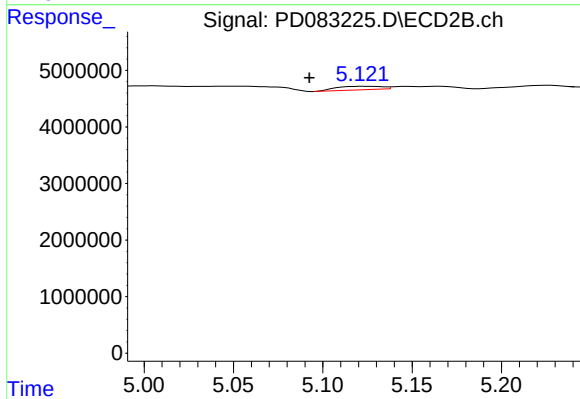
#8 Heptachlor epoxide

R.T.: 4.683 min  
Delta R.T.: -0.040 min  
Response: 904077  
Conc: 0.18 ng/ml



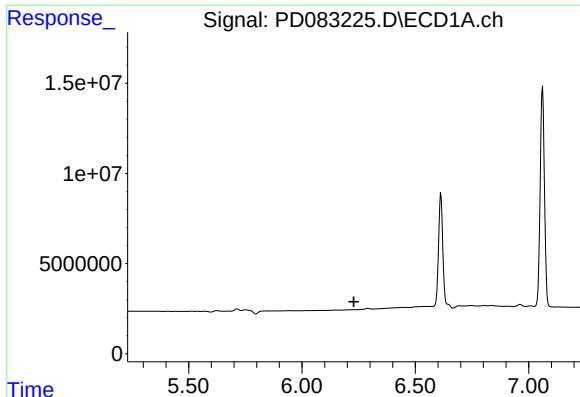
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.107 min  
Response: 0  
Conc: N.D.



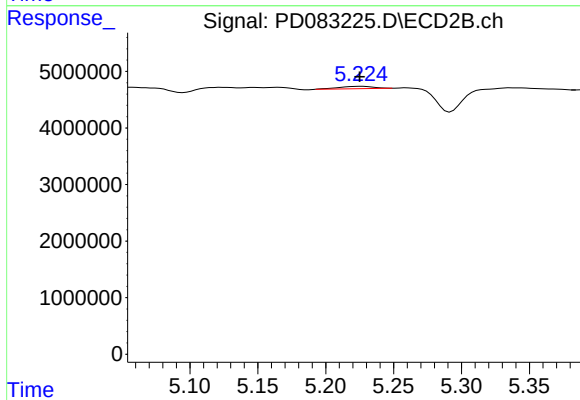
#9 Endosulfan I

R.T.: 5.123 min  
Delta R.T.: 0.031 min  
Response: 1093684  
Conc: 0.24 ng/ml



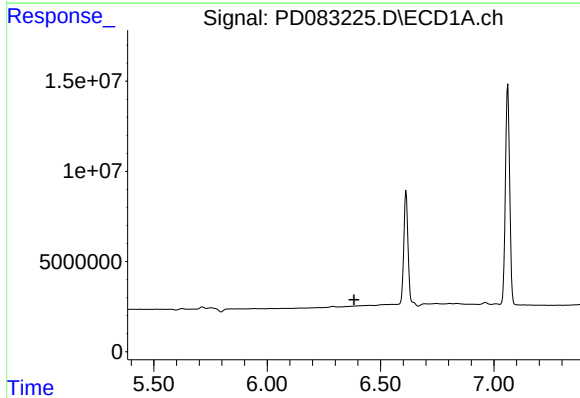
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.229 min  
Response: 0  
Conc: N.D.



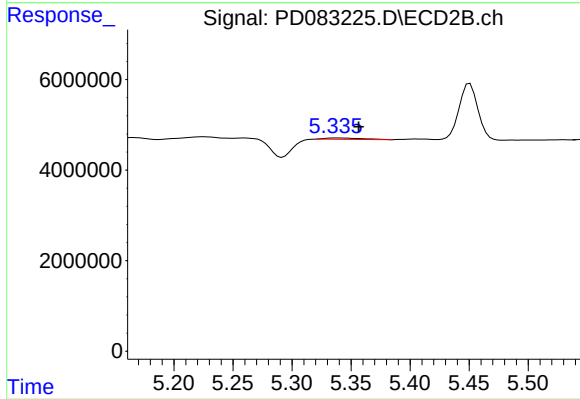
#12 4,4'-DDE

R.T.: 5.226 min  
Delta R.T.: 0.001 min  
Response: 756599  
Conc: 0.16 ng/ml



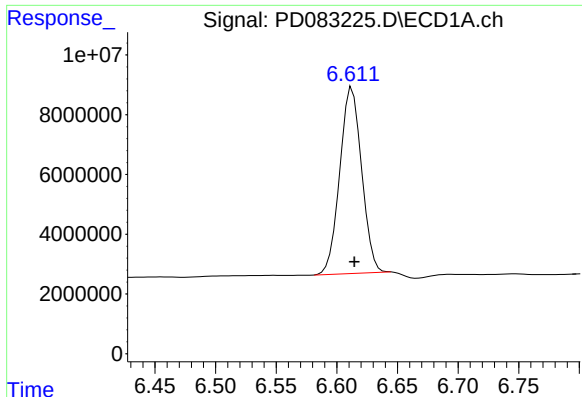
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.384 min  
Response: 0  
Conc: N.D.



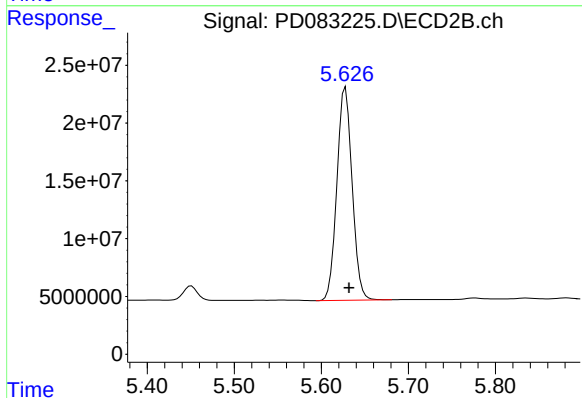
#13 Dieldrin

R.T.: 5.336 min  
Delta R.T.: -0.020 min  
Response: 628502  
Conc: 0.13 ng/ml



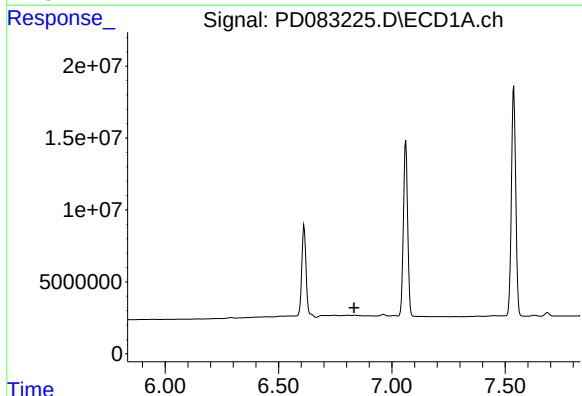
#14 Endrin

R.T.: 6.613 min  
Delta R.T.: -0.002 min  
Response: 78206788  
Conc: 43.86 ng/ml



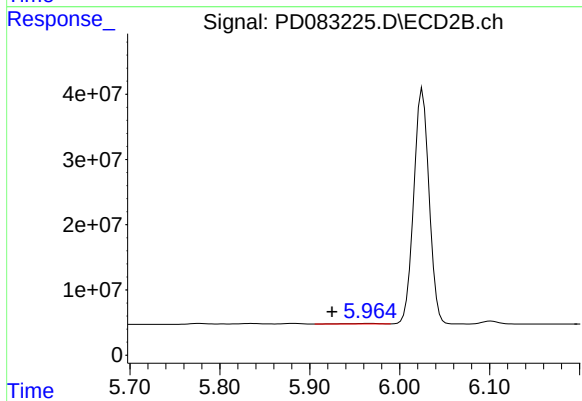
#14 Endrin

R.T.: 5.628 min  
Delta R.T.: -0.004 min  
Response: 224175903  
Conc: 51.26 ng/ml



#15 Endosulfan II

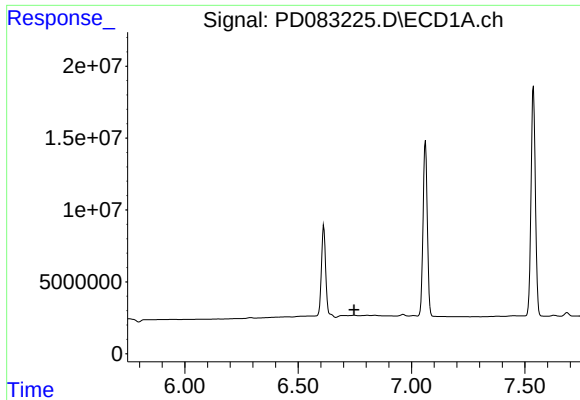
R.T.: 0.000 min  
Exp R.T. : 6.834 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

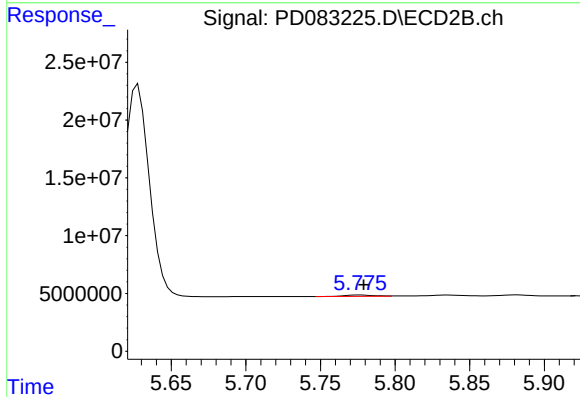
R.T.: 5.966 min  
Delta R.T.: 0.041 min  
Response: 1697247  
Conc: 0.40 ng/ml





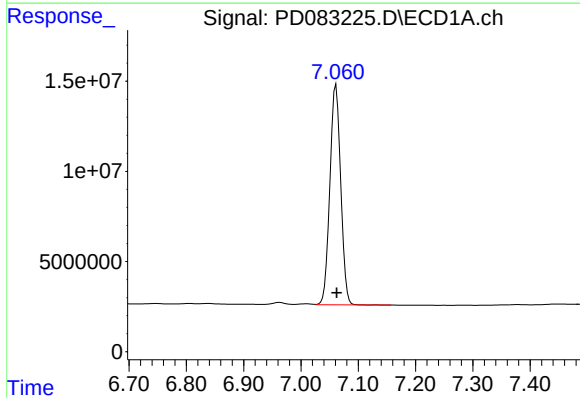
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T.: 6.747 min  
Response: 0  
Conc: N.D.



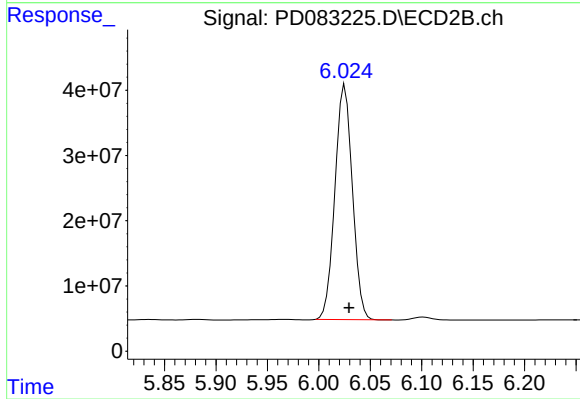
#16 4,4'-DDD

R.T.: 5.776 min  
Delta R.T.: -0.003 min  
Response: 1627577  
Conc: 0.43 ng/ml



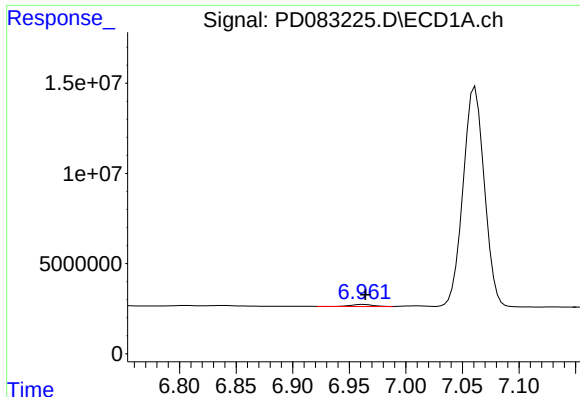
#17 4,4'-DDT

R.T.: 7.061 min  
Delta R.T.: -0.001 min  
Response: 159582988  
Conc: 99.22 ng/ml



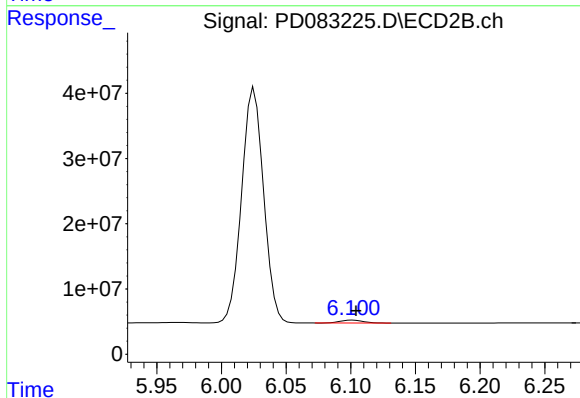
#17 4,4'-DDT

R.T.: 6.025 min  
Delta R.T.: -0.004 min  
Response: 425350801  
Conc: 110.78 ng/ml



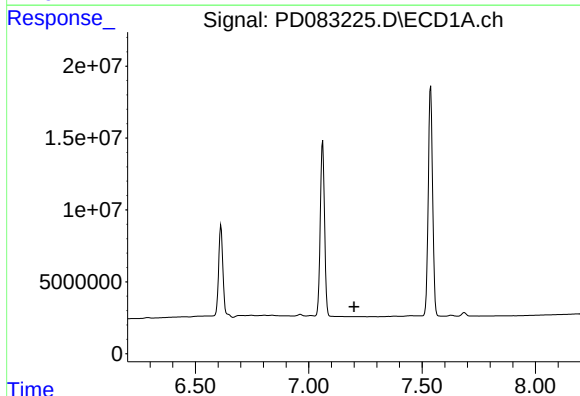
#18 Endrin aldehyde

R.T.: 6.963 min  
Delta R.T.: -0.002 min  
Response: 1567592  
Conc: 1.13 ng/ml



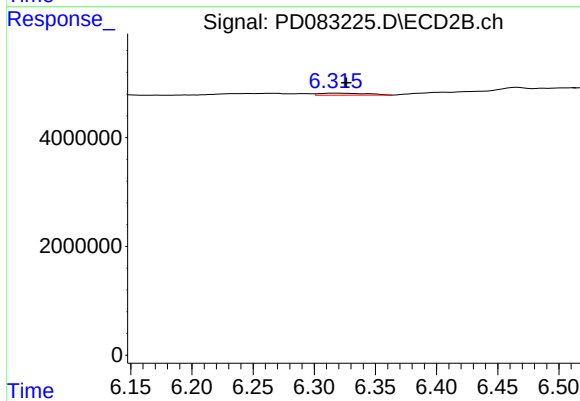
#18 Endrin aldehyde

R.T.: 6.101 min  
Delta R.T.: -0.003 min  
Response: 5399370  
Conc: 1.71 ng/ml



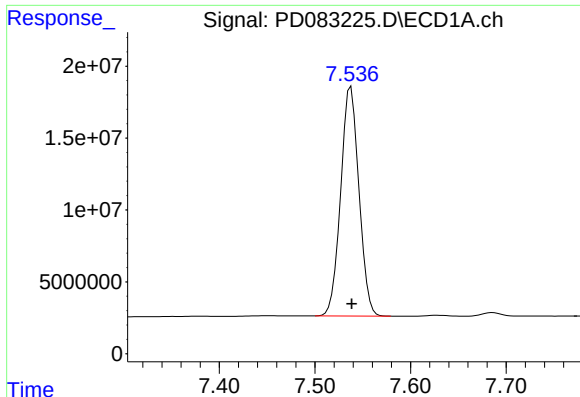
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.200 min  
Response: 0  
Conc: N.D.



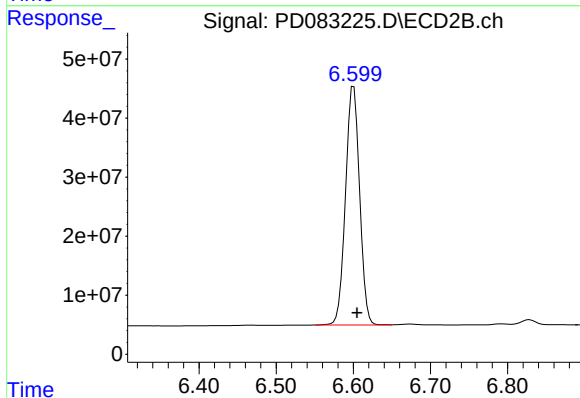
#19 Endosulfan Sulfate

R.T.: 6.317 min  
Delta R.T.: -0.010 min  
Response: 996338  
Conc: 0.25 ng/ml



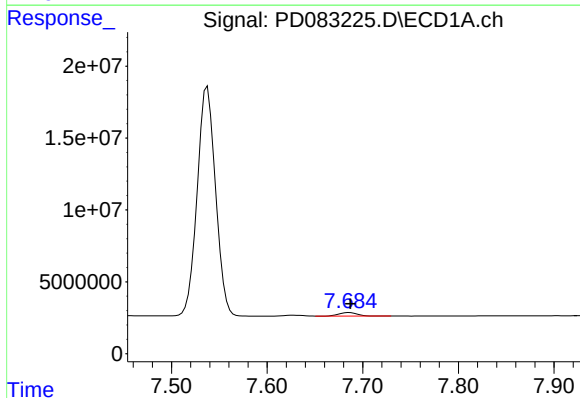
#20 Methoxychlor

R.T.: 7.538 min  
Delta R.T.: 0.000 min  
Response: 212074154  
Conc: 245.15 ng/ml



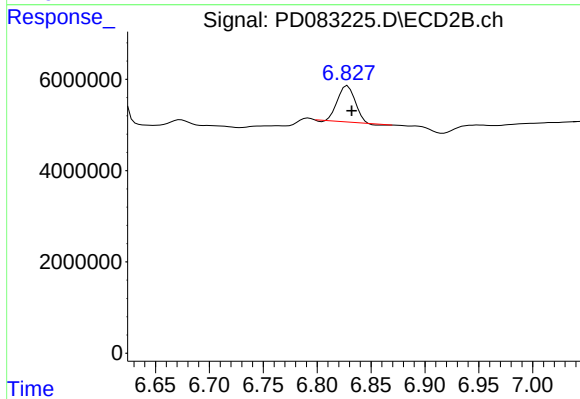
#20 Methoxychlor

R.T.: 6.600 min  
Delta R.T.: -0.005 min  
Response: 512045352  
Conc: 260.95 ng/ml



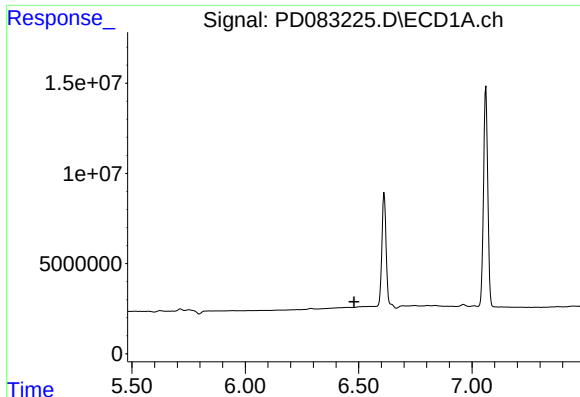
#21 Endrin ketone

R.T.: 7.686 min  
Delta R.T.: -0.001 min  
Response: 3229509  
Conc: 1.71 ng/ml



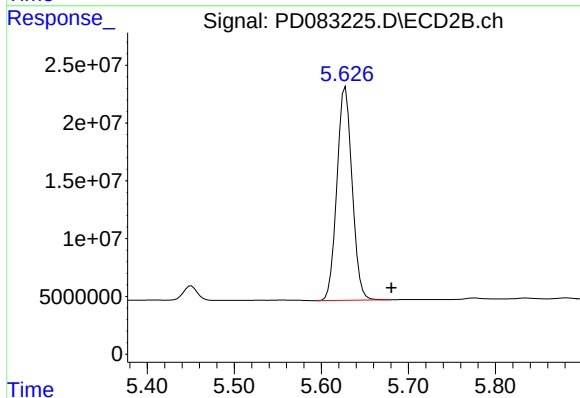
#21 Endrin ketone

R.T.: 6.828 min  
Delta R.T.: -0.004 min  
Response: 8716961  
Conc: 1.94 ng/ml



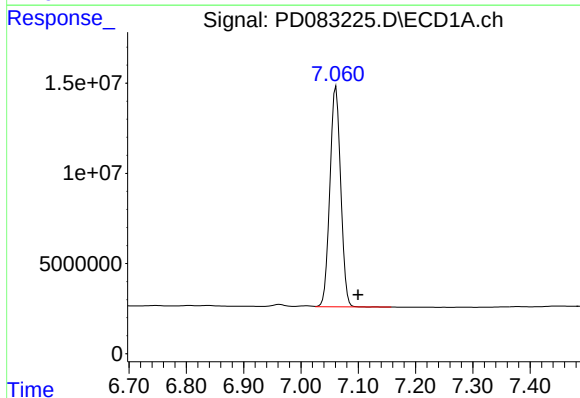
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T.: 6.480 min  
Response: 0  
Conc: N.D.



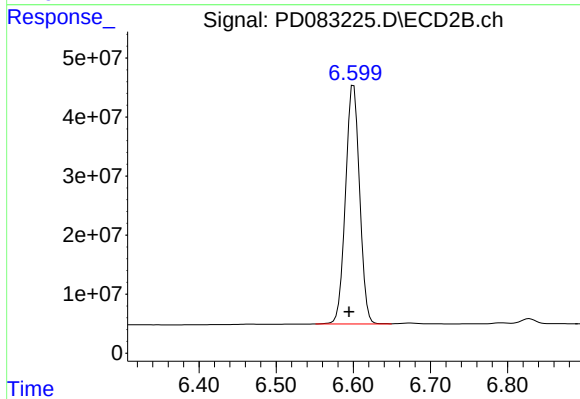
#23 Toxaphene-2

R.T.: 5.628 min  
Delta R.T.: -0.053 min  
Response: 224175903  
Conc: 7853.86 ng/ml



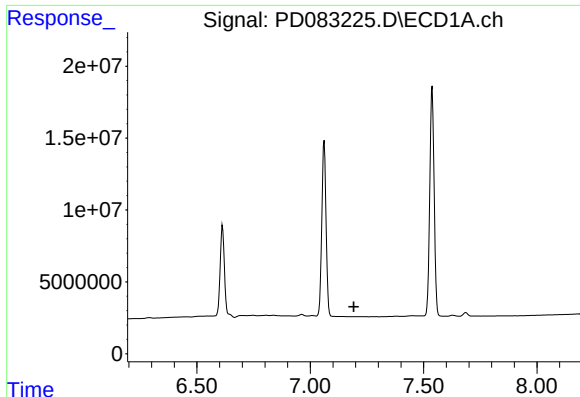
#24 Toxaphene-3

R.T.: 7.061 min  
Delta R.T.: -0.038 min  
Response: 159582988  
Conc: 3025.72 ng/ml



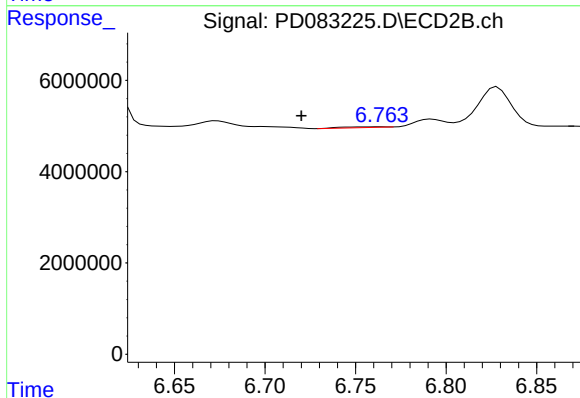
#24 Toxaphene-3

R.T.: 6.600 min  
Delta R.T.: 0.006 min  
Response: 512045352  
Conc: 5483.54 ng/ml



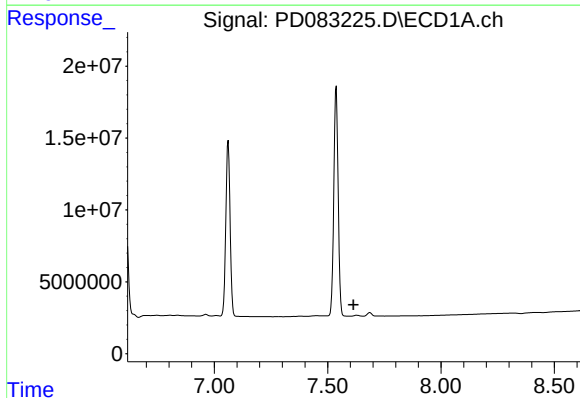
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.192 min  
Response: 0  
Conc: N.D.



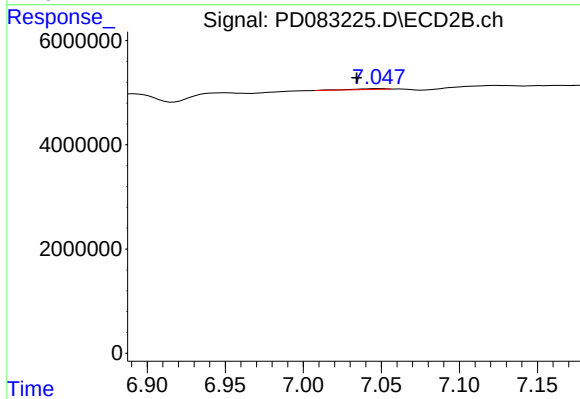
#25 Toxaphene-4

R.T.: 6.764 min  
Delta R.T.: 0.044 min  
Response: 283978  
Conc: 2.23 ng/ml



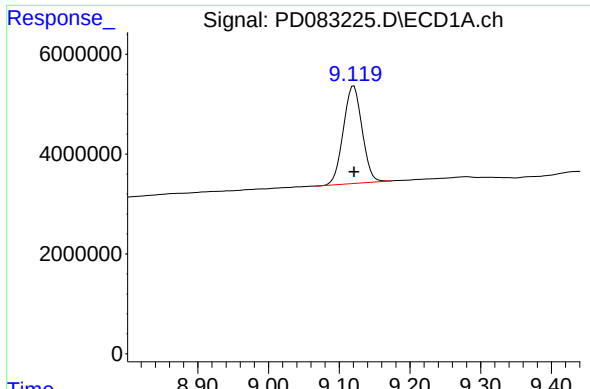
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 7.615 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

R.T.: 7.048 min  
Delta R.T.: 0.014 min  
Response: 262797  
Conc: 5.25 ng/ml



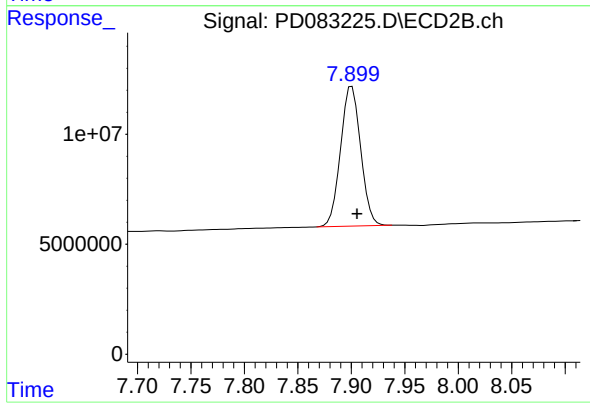
#27 Decachlorobiphenyl

R.T.: 9.121 min

Delta R.T.: 0.000 min

Response: 36200251

Conc: 18.06 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.901 min

Delta R.T.: -0.005 min

Response: 83184675

Conc: 21.02 ng/ml