

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042523\  
 Data File : PD074905.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Apr 2023 20:15  
 Operator : AR\AJ  
 Sample : PEM054  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 25 22:19:21 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041423CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 14 02:10:15 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

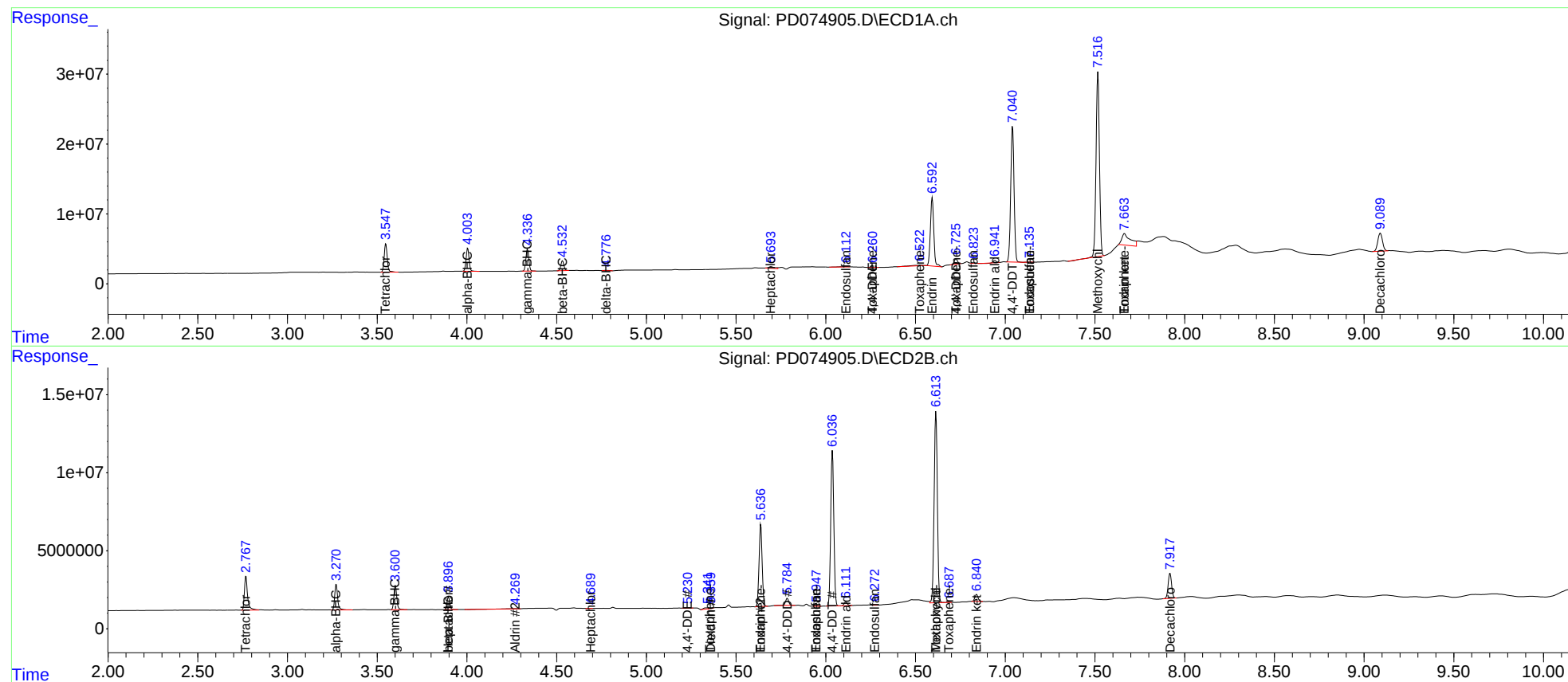
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.548  | 2.769  | 48691448 | 26538299 | 19.072  | 18.864     |
| 27)                         | SA Decachlor... | 9.091  | 7.919  | 46947808 | 21461880 | 15.316  | 15.902     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.005  | 3.272  | 37833154 | 18778181 | 9.125   | 9.361      |
| 3)                          | MA gamma-BHC... | 4.338  | 3.602  | 36106920 | 17556137 | 9.180   | 9.058      |
| 4)                          | MA Heptachlor   | 0.000  | 3.897f | 0        | 8706754  | N.D.    | 4.583      |
| 5)                          | MB Aldrin       | 0.000  | 4.272f | 0        | 767444   | N.D.    | 0.406      |
| 6)                          | B beta-BHC      | 4.533  | 3.897  | 16772982 | 8706754  | 9.571   | 9.822      |
| 7)                          | B delta-BHC     | 4.776  | 0.000  | 913453   | 0        | 0.248   | N.D. #     |
| 8)                          | B Heptachlo...  | 5.695  | 4.690f | 5479038  | 283327   | 1.497   | 0.163 #    |
| 9)                          | A Endosulfan I  | 6.115  | 0.000  | 1491713  | 0        | 0.441   | N.D. #     |
| 10)                         | B trans-Chl...  | 0.000  | 4.982  | 0        | 90808    | N.D.    | <MDL       |
| 11)                         | B cis-Chlor...  | 0.000  | 4.982f | 0        | 90808    | N.D.    | <MDL       |
| 12)                         | B 4,4'-DDE      | 6.262f | 5.231  | 980733   | 185325   | 0.284   | 0.114 #    |
| 13)                         | MA Dieldrin     | 6.390  | 5.362  | 54838    | 757876   | <MDL    | 0.427 #    |
| 14)                         | MA Endrin       | 6.593  | 5.638  | 128.5E6  | 63155529 | 39.894  | 40.235     |
| 15)                         | B Endosulfa...  | 6.824  | 5.948  | 1624929  | 334636   | 0.507   | 0.221 #    |
| 16)                         | A 4,4'-DDD      | 6.726  | 5.786  | 9654791  | 5882487  | 3.390   | 4.253 #    |
| 17)                         | MA 4,4'-DDT     | 7.041  | 6.037  | 251.4E6  | 119.0E6  | 82.623  | 82.787     |
| 18)                         | B Endrin al...  | 6.942  | 6.112  | 3206974  | 2870269  | 1.226   | 2.332 #    |
| 19)                         | B Endosulfa...  | 7.137f | 6.273f | 576204   | 150127   | 0.188   | 0.106 #    |
| 20)                         | A Methoxychlor  | 7.517  | 6.614  | 343.7E6  | 153.6E6  | 202.115 | 208.914    |
| 21)                         | B Endrin ke...  | 7.665  | 6.841  | 54411997 | 5582514  | 15.282  | 3.314 #    |
| 22)                         | Toxaphene-1     | 6.262  | 5.342  | 980733   | 1297178  | 35.283  | 131.707 #  |
| 23)                         | Toxaphene-2     | 6.525f | 5.638f | 4792074  | 63155529 | 138.692 | 5762.866 # |
| 24)                         | Toxaphene-3     | 6.726f | 5.948  | 9654791  | 334636   | 416.681 | 27.614 #   |
| 25)                         | Toxaphene-4     | 7.137f | 6.614  | 576204   | 153.6E6  | 7.453   | 4046.902 # |
| 26)                         | Toxaphene-5     | 7.665f | 6.688f | 54411997 | 379197   | 944.596 | 7.580 #    |
| -----                       |                 |        |        |          |          |         |            |

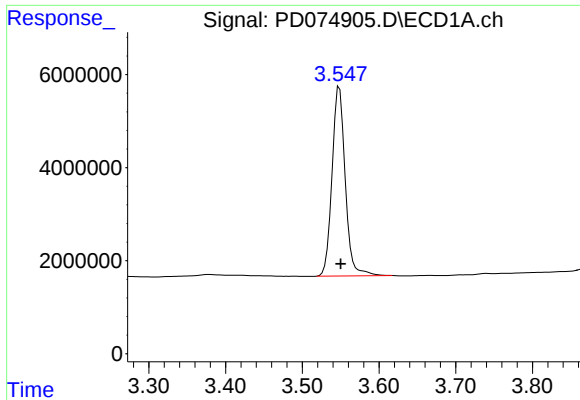
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042523\  
Data File : PD074905.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Apr 2023 20:15  
Operator : AR\AJ  
Sample : PEM054  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 25 22:19:21 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041423CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 14 02:10:15 2023  
Response via : Initial Calibration  
Integrator: ChemStation

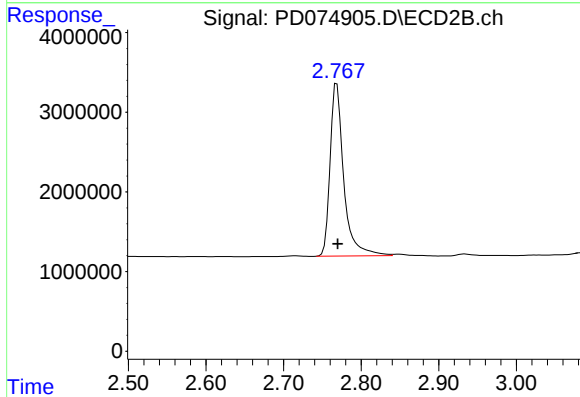
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





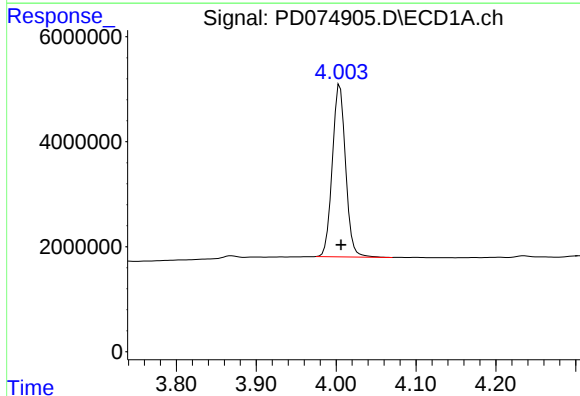
#1 Tetrachloro-m-xylene

R.T.: 3.548 min  
Delta R.T.: -0.002 min  
Response: 48691448  
Conc: 19.07 ng/ml



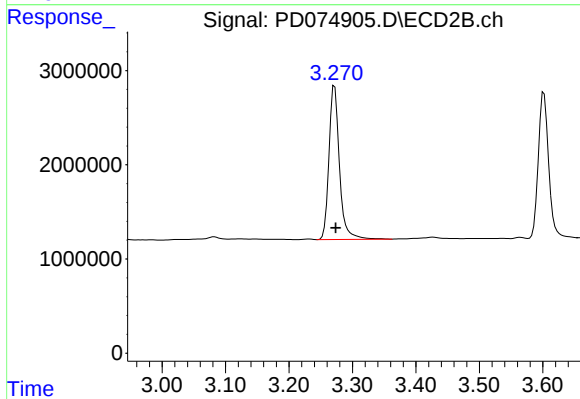
#1 Tetrachloro-m-xylene

R.T.: 2.769 min  
Delta R.T.: -0.001 min  
Response: 26538299  
Conc: 18.86 ng/ml



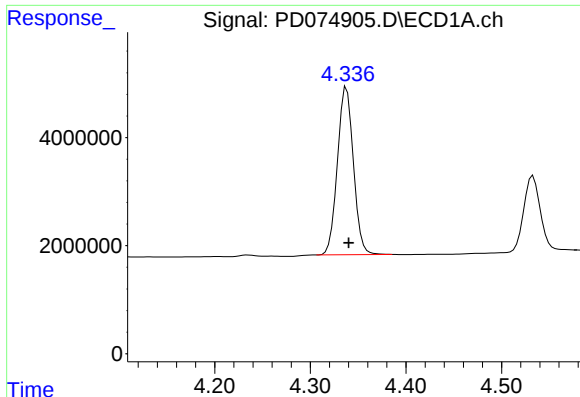
#2 alpha-BHC

R.T.: 4.005 min  
Delta R.T.: -0.002 min  
Response: 37833154  
Conc: 9.12 ng/ml



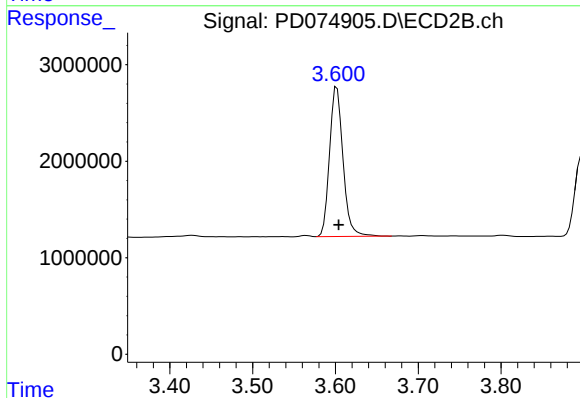
#2 alpha-BHC

R.T.: 3.272 min  
Delta R.T.: -0.002 min  
Response: 18778181  
Conc: 9.36 ng/ml



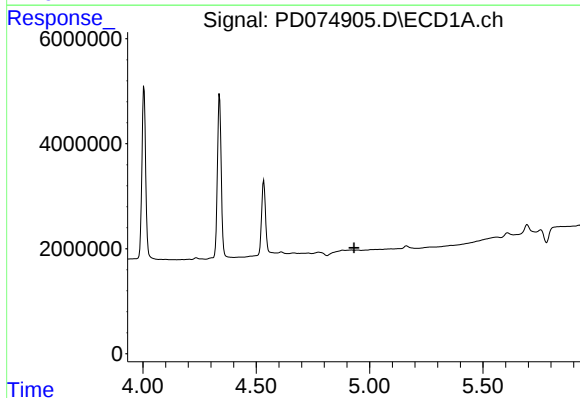
#3 gamma-BHC (Lindane)

R.T.: 4.338 min  
Delta R.T.: -0.002 min  
Response: 36106920  
Conc: 9.18 ng/ml



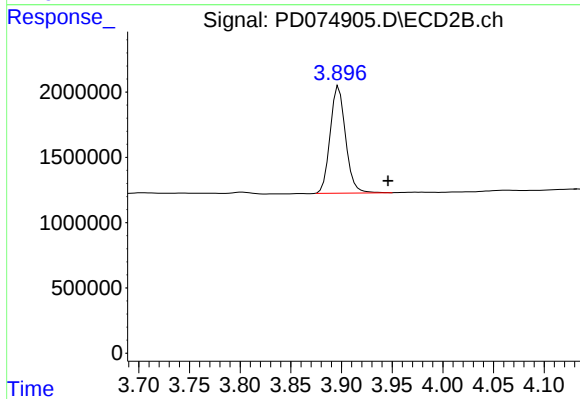
#3 gamma-BHC (Lindane)

R.T.: 3.602 min  
Delta R.T.: -0.002 min  
Response: 17556137  
Conc: 9.06 ng/ml



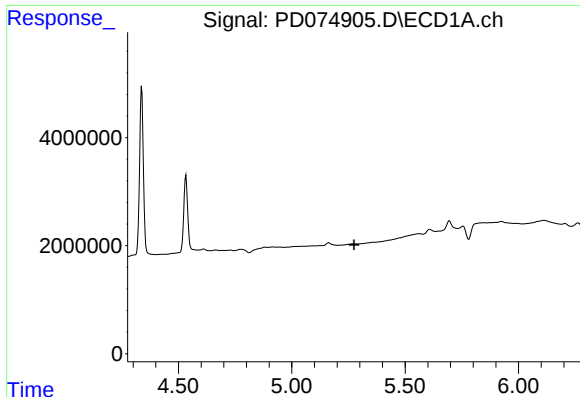
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.932 min  
Response: 0  
Conc: N.D.



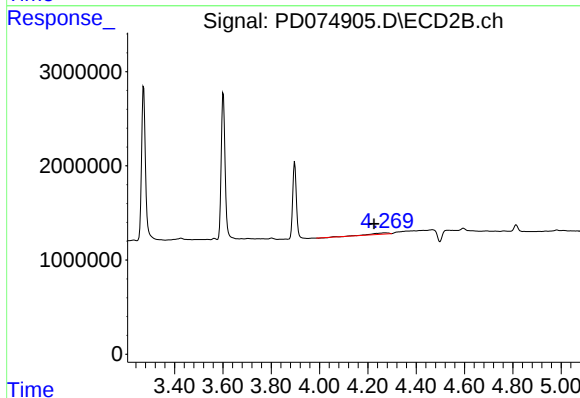
#4 Heptachlor

R.T.: 3.897 min  
Delta R.T.: -0.048 min  
Response: 8706754  
Conc: 4.58 ng/ml



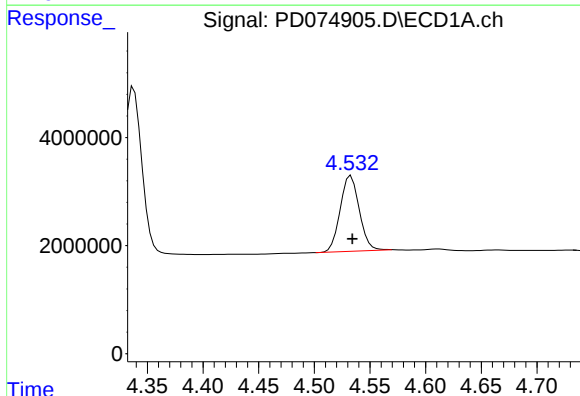
#5 Aldrin

R.T.: 0.000 min  
Exp R.T.: 5.275 min  
Response: 0  
Conc: N.D.



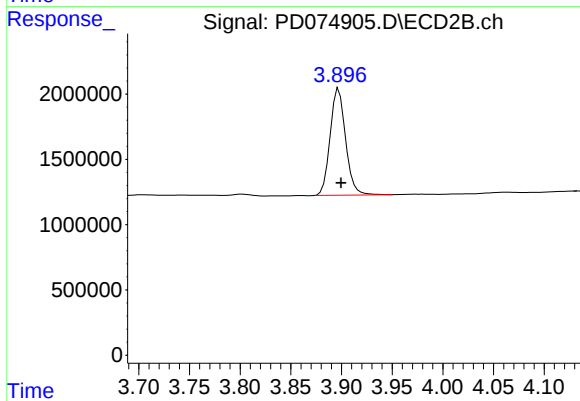
#5 Aldrin

R.T.: 4.272 min  
Delta R.T.: 0.046 min  
Response: 767444  
Conc: 0.41 ng/ml



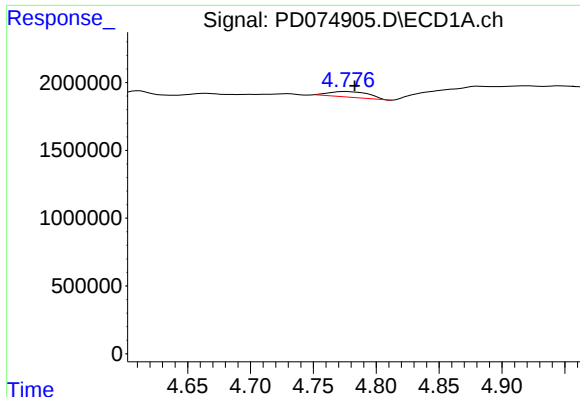
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: -0.001 min  
Response: 16772982  
Conc: 9.57 ng/ml



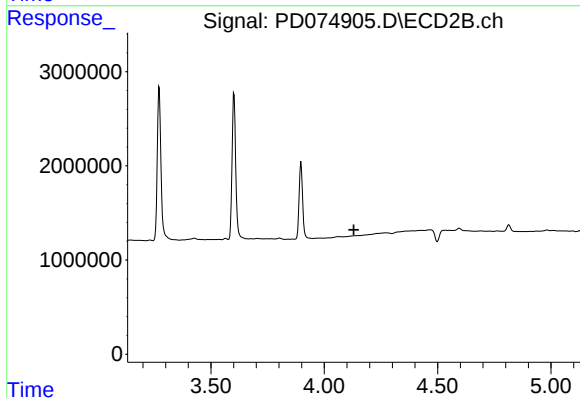
#6 beta-BHC

R.T.: 3.897 min  
Delta R.T.: -0.002 min  
Response: 8706754  
Conc: 9.82 ng/ml



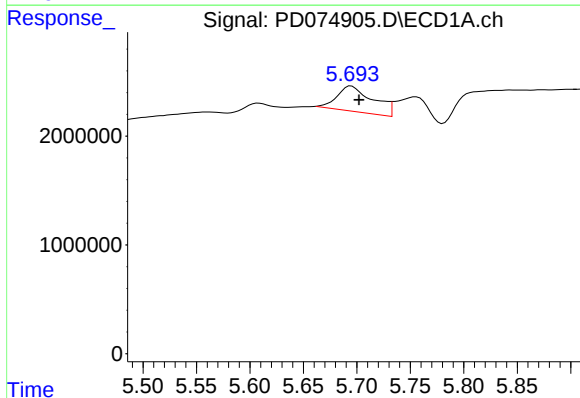
#7 delta-BHC

R.T.: 4.776 min  
Delta R.T.: -0.007 min  
Response: 913453  
Conc: 0.25 ng/ml



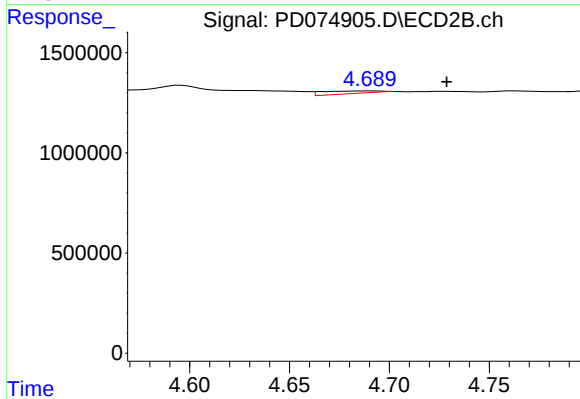
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.130 min  
Response: 0  
Conc: N.D.



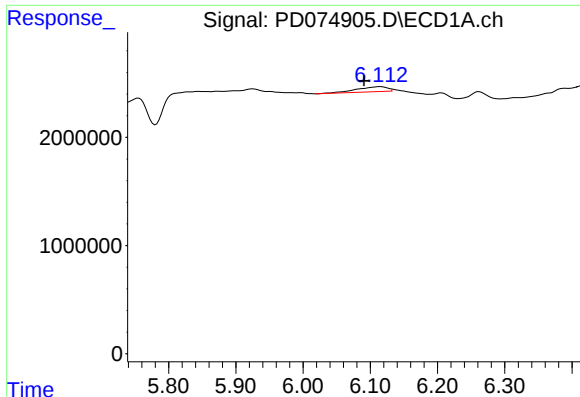
#8 Heptachlor epoxide

R.T.: 5.695 min  
Delta R.T.: -0.007 min  
Response: 5479038  
Conc: 1.50 ng/ml



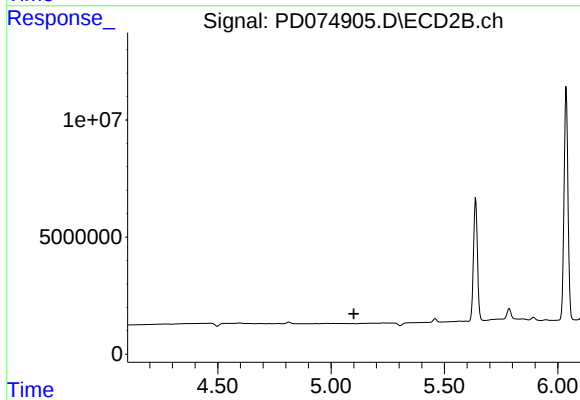
#8 Heptachlor epoxide

R.T.: 4.690 min  
Delta R.T.: -0.038 min  
Response: 283327  
Conc: 0.16 ng/ml



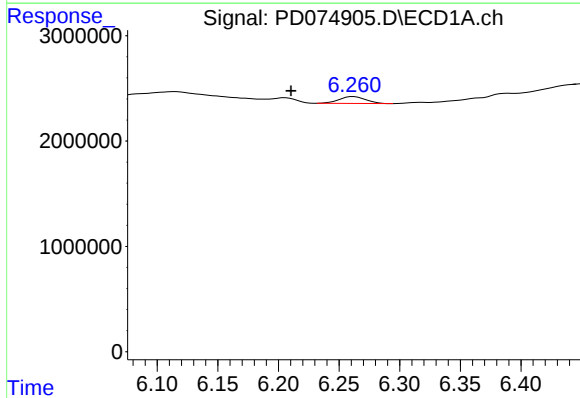
#9 Endosulfan I

R.T.: 6.115 min  
Delta R.T.: 0.024 min  
Response: 1491713  
Conc: 0.44 ng/ml



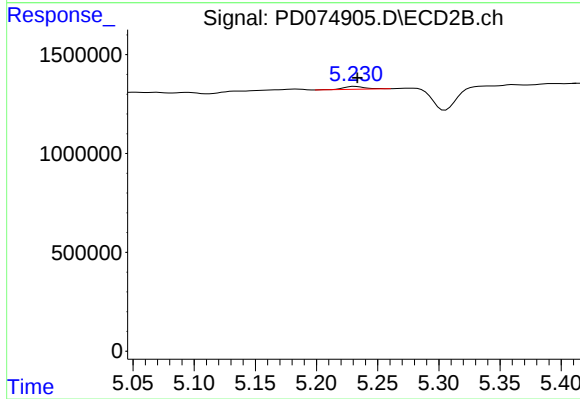
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 5.100 min  
Response: 0  
Conc: N.D.



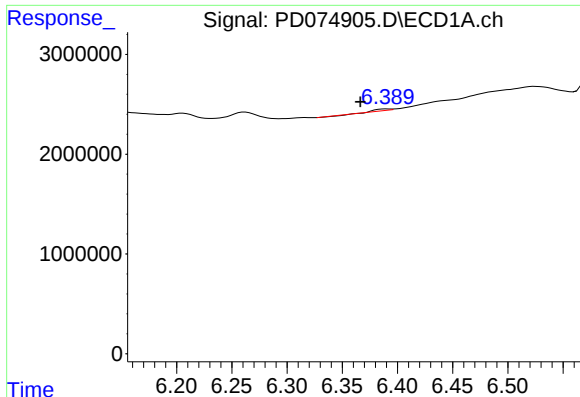
#12 4,4'-DDE

R.T.: 6.262 min  
Delta R.T.: 0.051 min  
Response: 980733  
Conc: 0.28 ng/ml



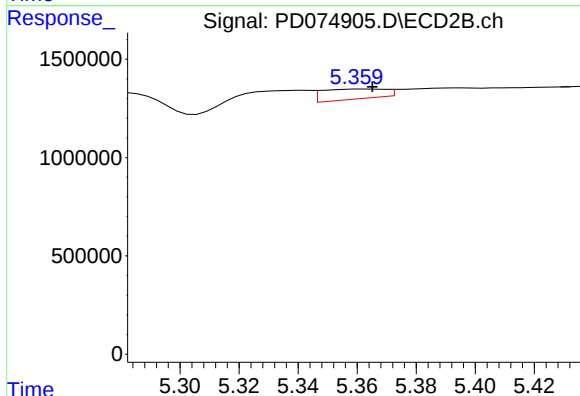
#12 4,4'-DDE

R.T.: 5.231 min  
Delta R.T.: -0.002 min  
Response: 185325  
Conc: 0.11 ng/ml



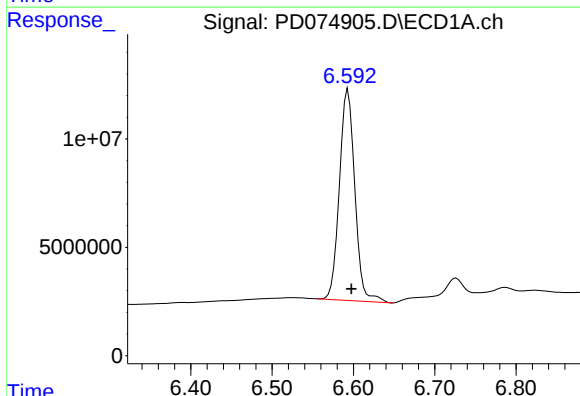
#13 Dieldrin

R.T.: 6.390 min  
Delta R.T.: 0.024 min  
Response: 54838  
Conc: N.D.



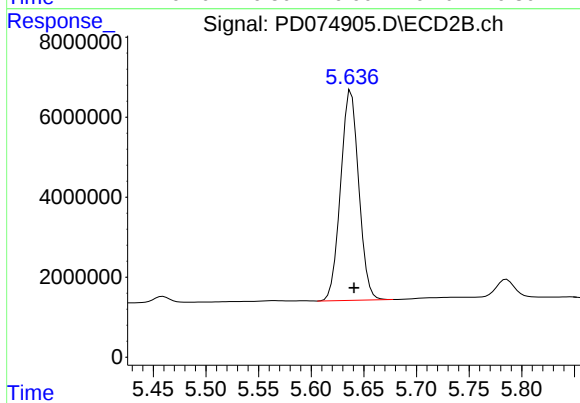
#13 Dieldrin

R.T.: 5.362 min  
Delta R.T.: -0.003 min  
Response: 757876  
Conc: 0.43 ng/ml



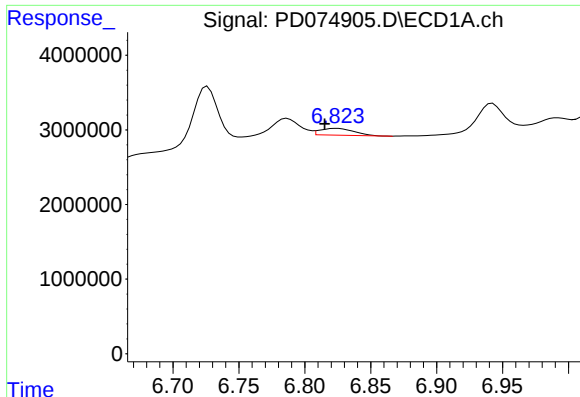
#14 Endrin

R.T.: 6.593 min  
Delta R.T.: -0.004 min  
Response: 128498169  
Conc: 39.89 ng/ml



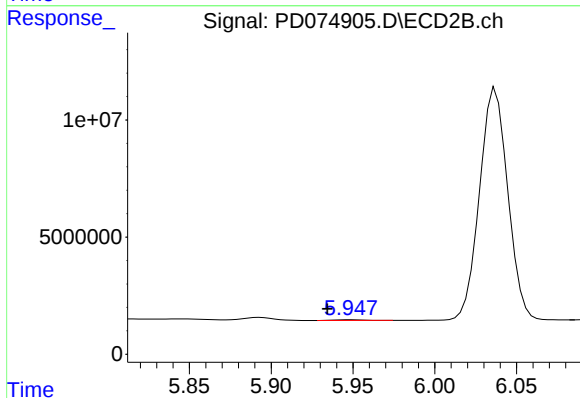
#14 Endrin

R.T.: 5.638 min  
Delta R.T.: -0.003 min  
Response: 63155529  
Conc: 40.24 ng/ml



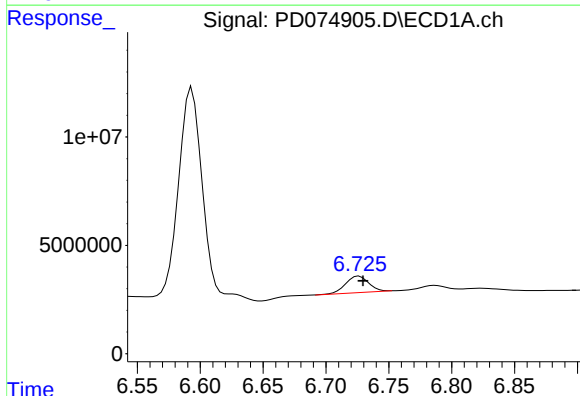
#15 Endosulfan II

R.T.: 6.824 min  
Delta R.T.: 0.009 min  
Response: 1624929  
Conc: 0.51 ng/ml



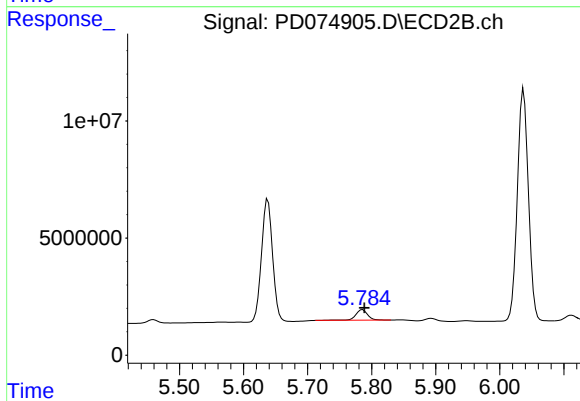
#15 Endosulfan II

R.T.: 5.948 min  
Delta R.T.: 0.014 min  
Response: 334636  
Conc: 0.22 ng/ml



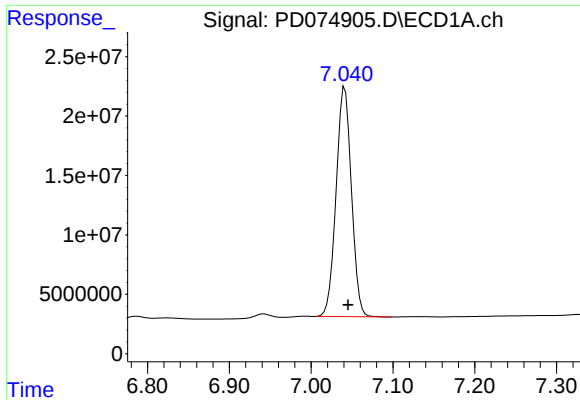
#16 4,4'-DDD

R.T.: 6.726 min  
Delta R.T.: -0.003 min  
Response: 9654791  
Conc: 3.39 ng/ml



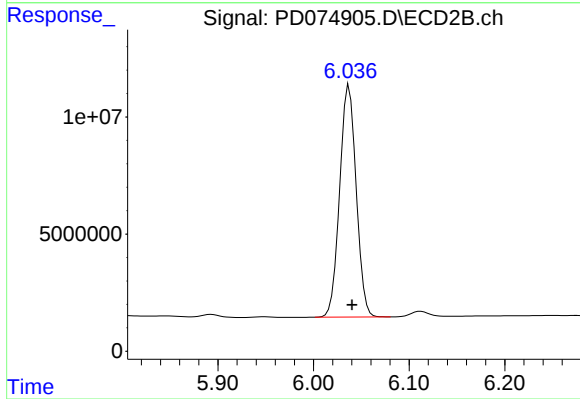
#16 4,4'-DDD

R.T.: 5.786 min  
Delta R.T.: -0.003 min  
Response: 5882487  
Conc: 4.25 ng/ml



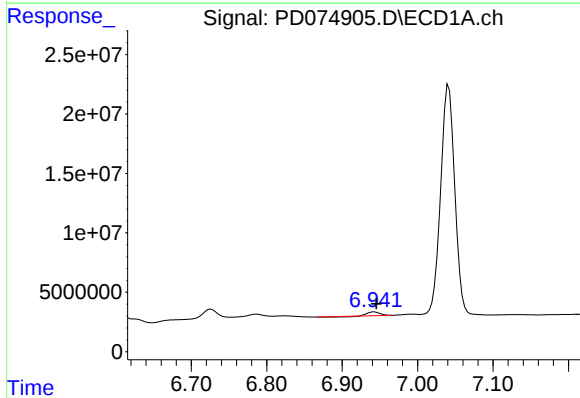
#17 4,4'-DDT

R.T.: 7.041 min  
Delta R.T.: -0.004 min  
Response: 251424079  
Conc: 82.62 ng/ml



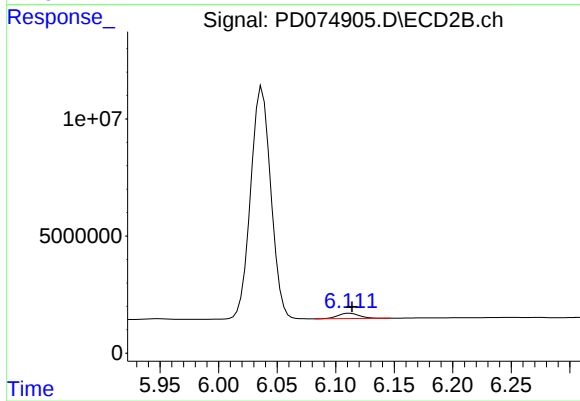
#17 4,4'-DDT

R.T.: 6.037 min  
Delta R.T.: -0.003 min  
Response: 119043839  
Conc: 82.79 ng/ml



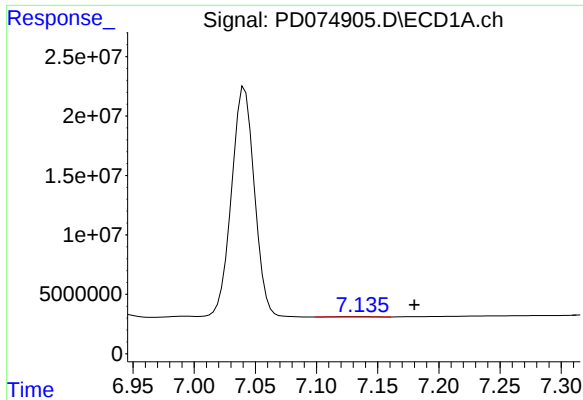
#18 Endrin aldehyde

R.T.: 6.942 min  
Delta R.T.: -0.003 min  
Response: 3206974  
Conc: 1.23 ng/ml



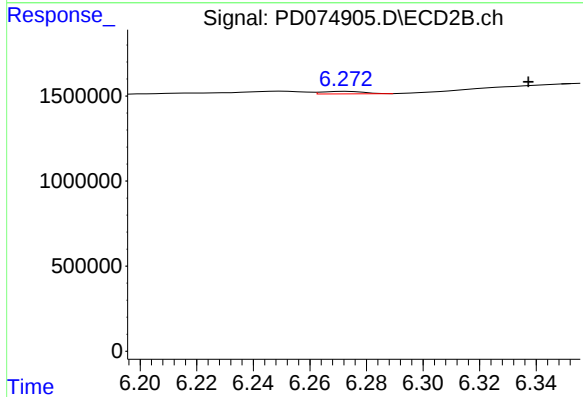
#18 Endrin aldehyde

R.T.: 6.112 min  
Delta R.T.: -0.002 min  
Response: 2870269  
Conc: 2.33 ng/ml



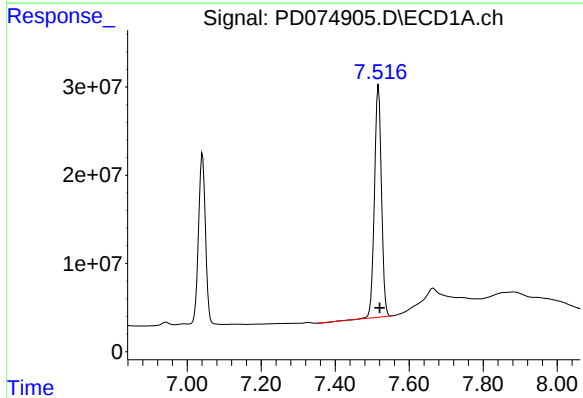
#19 Endosulfan Sulfate

R.T.: 7.137 min  
Delta R.T.: -0.044 min  
Response: 576204  
Conc: 0.19 ng/ml



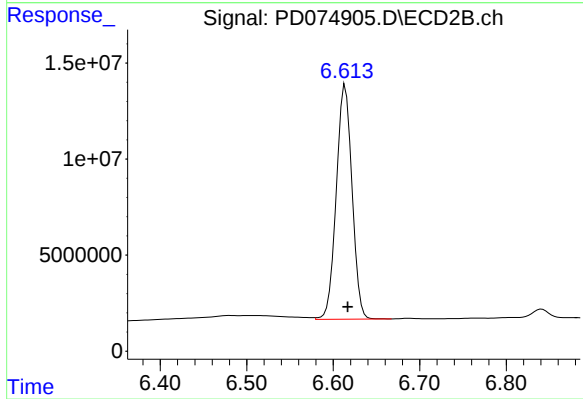
#19 Endosulfan Sulfate

R.T.: 6.273 min  
Delta R.T.: -0.064 min  
Response: 150127  
Conc: 0.11 ng/ml



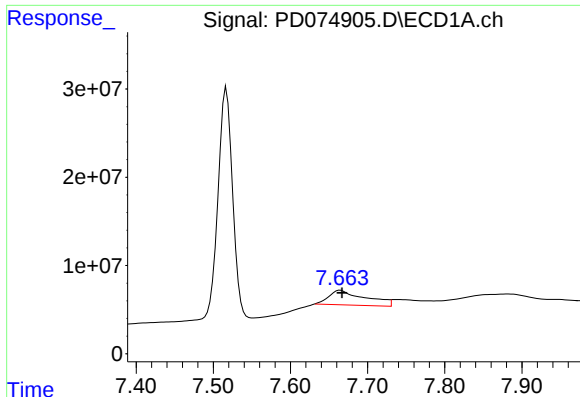
#20 Methoxychlor

R.T.: 7.517 min  
Delta R.T.: -0.004 min  
Response: 343668531  
Conc: 202.12 ng/ml



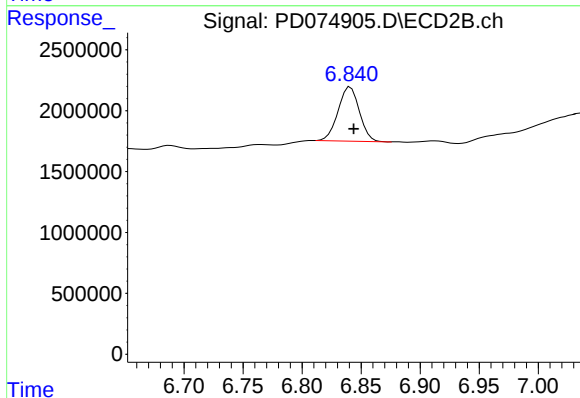
#20 Methoxychlor

R.T.: 6.614 min  
Delta R.T.: -0.003 min  
Response: 153609497  
Conc: 208.91 ng/ml



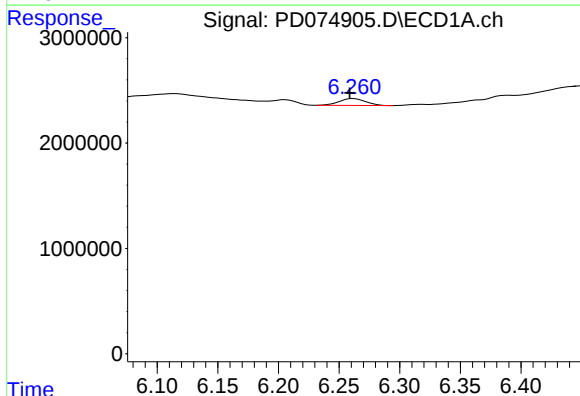
#21 Endrin ketone

R.T.: 7.665 min  
Delta R.T.: -0.002 min  
Response: 54411997  
Conc: 15.28 ng/ml



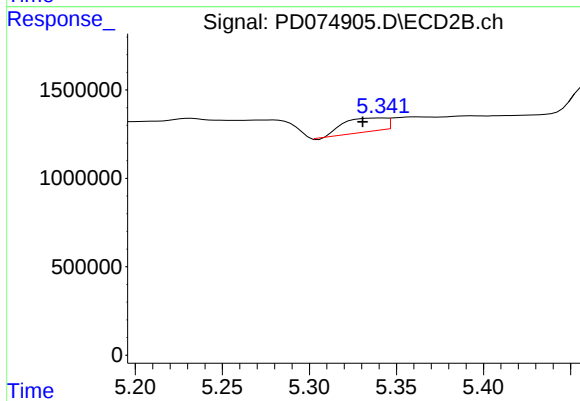
#21 Endrin ketone

R.T.: 6.841 min  
Delta R.T.: -0.003 min  
Response: 5582514  
Conc: 3.31 ng/ml



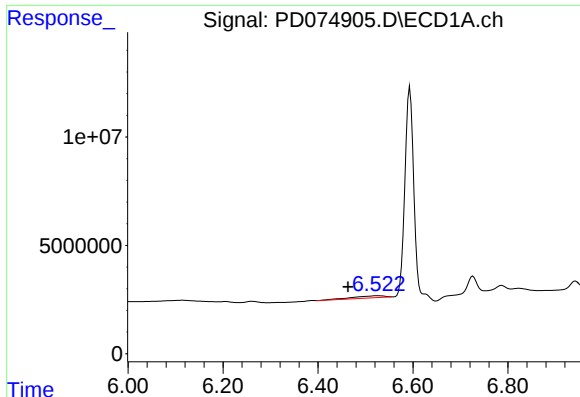
#22 Toxaphene-1

R.T.: 6.262 min  
Delta R.T.: 0.003 min  
Response: 980733  
Conc: 35.28 ng/ml



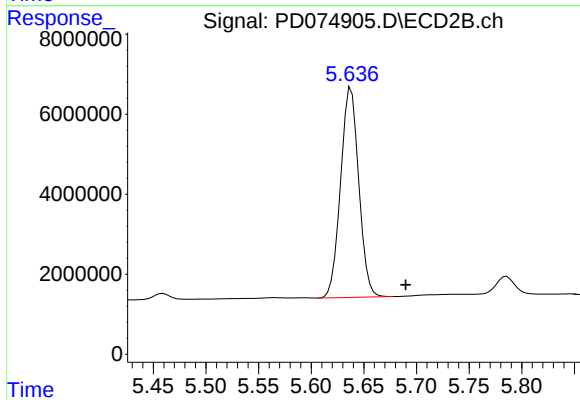
#22 Toxaphene-1

R.T.: 5.342 min  
Delta R.T.: 0.012 min  
Response: 1297178  
Conc: 131.71 ng/ml



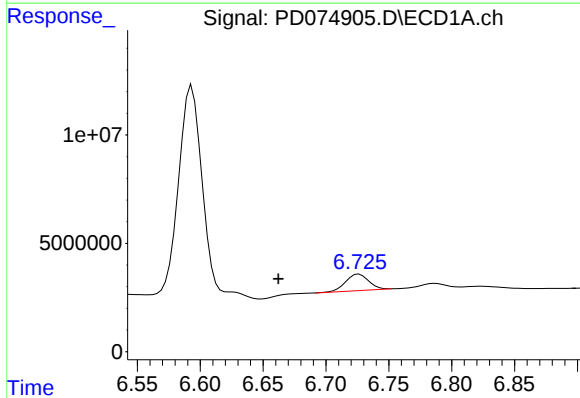
#23 Toxaphene-2

R.T.: 6.525 min  
Delta R.T.: 0.062 min  
Response: 4792074  
Conc: 138.69 ng/ml



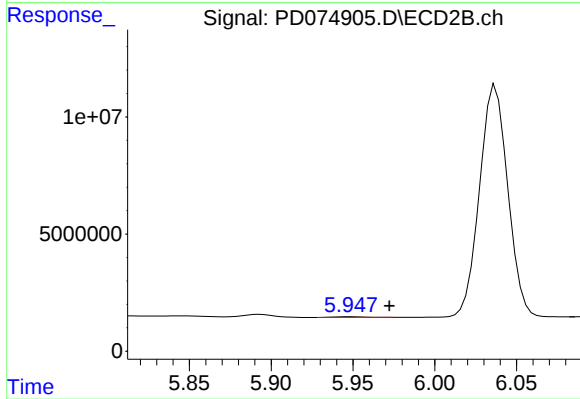
#23 Toxaphene-2

R.T.: 5.638 min  
Delta R.T.: -0.052 min  
Response: 6315529  
Conc: 5762.87 ng/ml



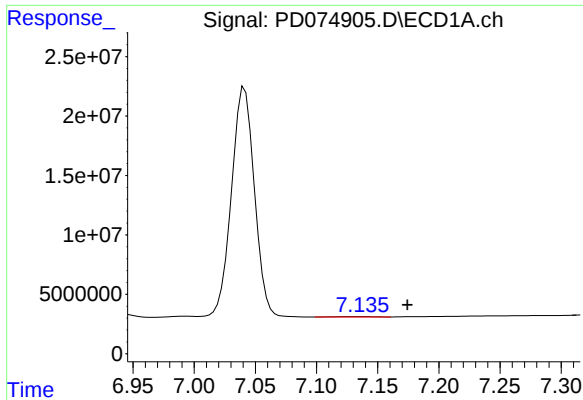
#24 Toxaphene-3

R.T.: 6.726 min  
Delta R.T.: 0.064 min  
Response: 9654791  
Conc: 416.68 ng/ml



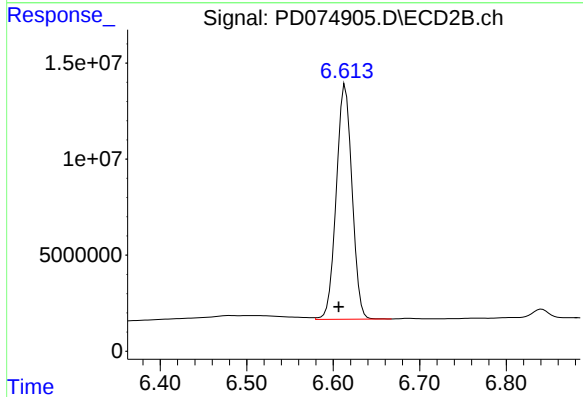
#24 Toxaphene-3

R.T.: 5.948 min  
Delta R.T.: -0.024 min  
Response: 334636  
Conc: 27.61 ng/ml



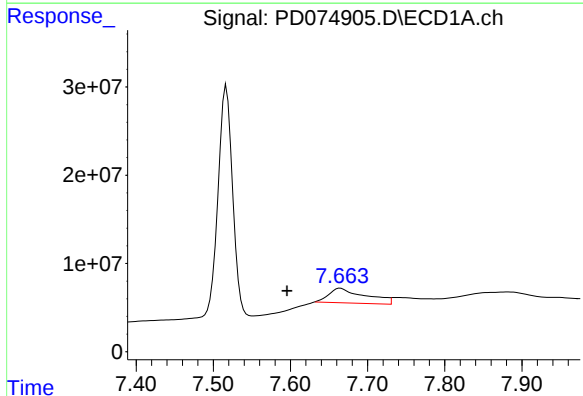
#25 Toxaphene-4

R.T.: 7.137 min  
Delta R.T.: -0.038 min  
Response: 576204  
Conc: 7.45 ng/ml



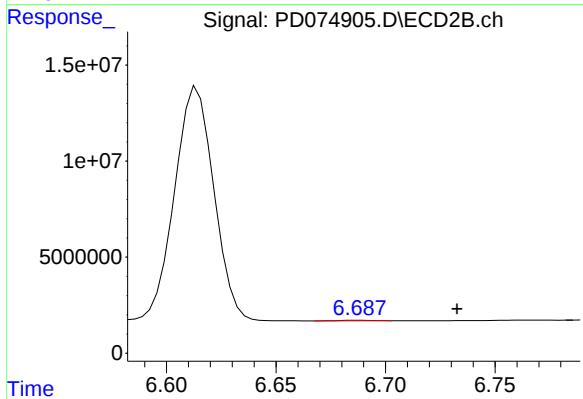
#25 Toxaphene-4

R.T.: 6.614 min  
Delta R.T.: 0.008 min  
Response: 153609497  
Conc: 4046.90 ng/ml



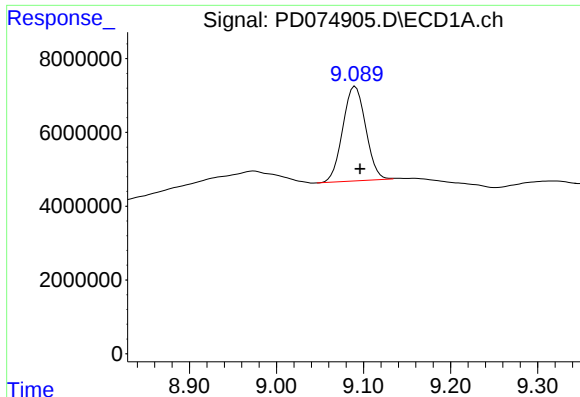
#26 Toxaphene-5

R.T.: 7.665 min  
Delta R.T.: 0.069 min  
Response: 54411997  
Conc: 944.60 ng/ml



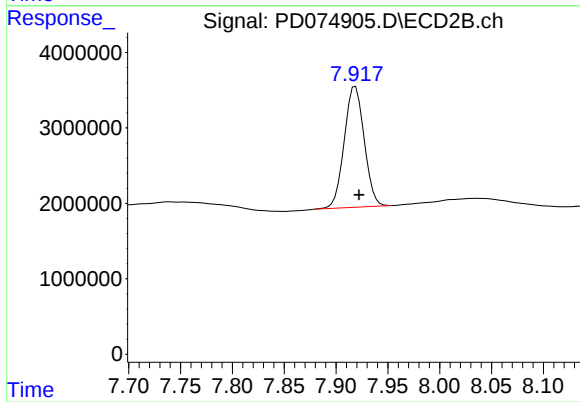
#26 Toxaphene-5

R.T.: 6.688 min  
Delta R.T.: -0.044 min  
Response: 379197  
Conc: 7.58 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.091 min  
Delta R.T.: -0.006 min  
Response: 46947808  
Conc: 15.32 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.919 min  
Delta R.T.: -0.003 min  
Response: 21461880  
Conc: 15.90 ng/ml