

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010424\  
 Data File : PD080690.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Jan 2024 09:04  
 Operator : AR\AJ  
 Sample : TOXAPHENE398  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 04 22:06:14 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD121623CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 21 13:52:23 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

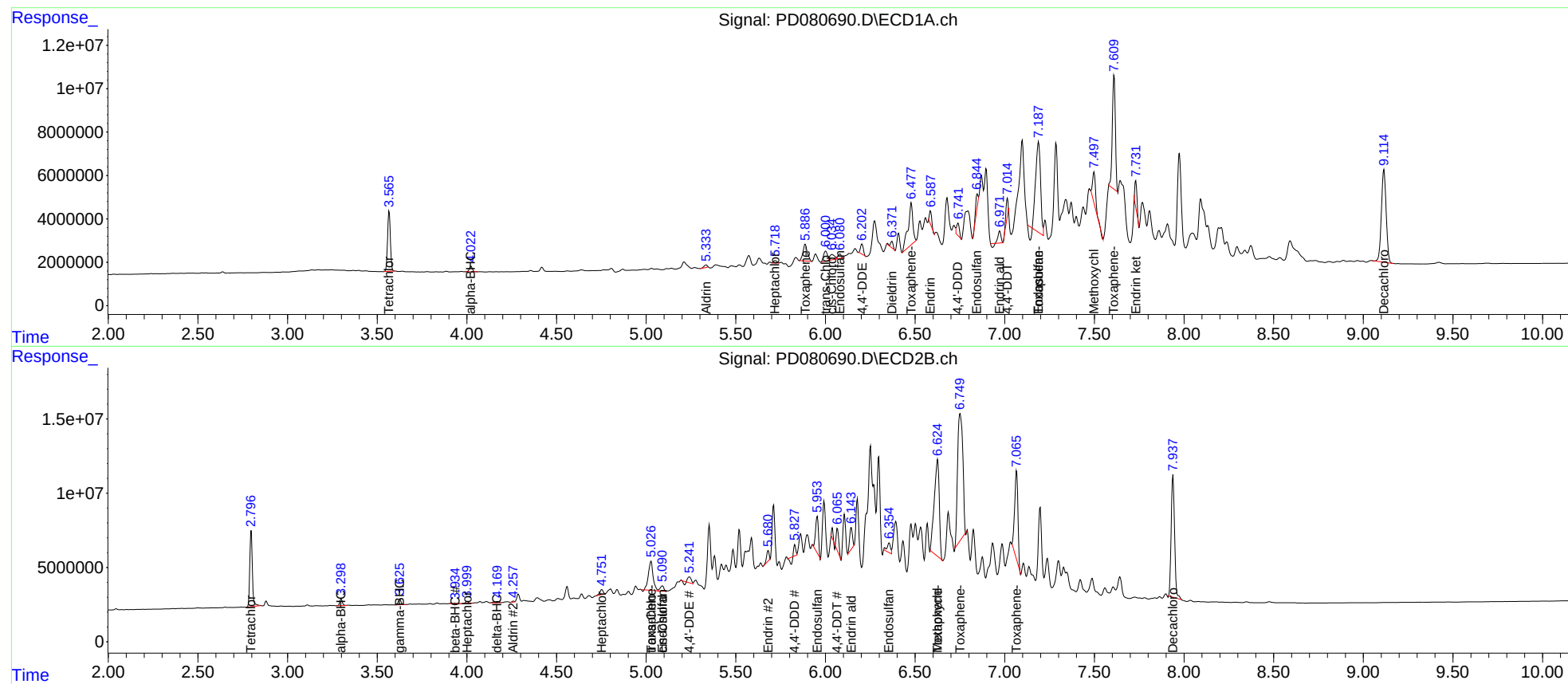
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|-----------|
| -----                       |                 |        |        |          |          |          |           |
| System Monitoring Compounds |                 |        |        |          |          |          |           |
| 1)                          | SA Tetrachlo... | 3.567  | 2.797  | 30197037 | 51530590 | 23.651   | 23.175    |
| 27)                         | SA Decachlor... | 9.115  | 7.938  | 78607444 | 107.7E6  | 48.892   | 44.853    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.023  | 3.299  | 2974596  | 4683586  | 1.443    | 1.374     |
| 3)                          | MA gamma-BHC... | 0.000  | 3.626  | 0        | 4276412  | N.D.     | 1.328     |
| 4)                          | MA Heptachlor   | 0.000  | 4.001f | 0        | 1548537  | N.D.     | 0.484     |
| 5)                          | MB Aldrin       | 5.335f | 4.260  | 1376966  | 467325   | 0.616    | 0.132 #   |
| 6)                          | B beta-BHC      | 0.000  | 3.935  | 0        | 399612   | N.D.     | 0.233     |
| 7)                          | B delta-BHC     | 0.000  | 4.170  | 0        | 1433290  | N.D.     | 0.369     |
| 8)                          | B Heptachlo...  | 5.720  | 4.753  | 1535267  | 4127488  | 0.715    | 1.218 #   |
| 9)                          | A Endosulfan I  | 6.081  | 5.091  | 2353743  | 5133713  | 1.321    | 1.873 #   |
| 10)                         | B trans-Chl...  | 6.001  | 5.027  | 6967943  | 35376219 | 3.395    | 10.747 #  |
| 11)                         | B cis-Chlor...  | 6.037  | 5.091  | 4765669  | 5133713  | 2.270    | 1.527 #   |
| 12)                         | B 4,4'-DDE      | 6.204  | 5.241  | 5167830  | 3987555  | 2.675    | 1.270 #   |
| 14)                         | MA Endrin       | 6.586  | 5.681  | 5497843  | 6650233  | 3.510    | 2.528 #   |
| 15)                         | B Endosulfa...  | 6.847  | 5.954  | 4784473  | 27633200 | 2.552    | 9.531 #   |
| 16)                         | A 4,4'-DDD      | 6.740  | 5.829  | 6374124  | 2059574  | 4.595    | 0.896 #   |
| 17)                         | MA 4,4'-DDT     | 7.015f | 6.067  | 6925521  | 16677019 | 4.687    | 6.917 #   |
| 18)                         | B Endrin al...  | 6.972  | 6.144  | 5048158  | 15616412 | 3.384    | 6.772 #   |
| 19)                         | B Endosulfa...  | 7.189  | 6.356  | 75749804 | 8744864  | 41.300   | 3.118 #   |
| 20)                         | A Methoxychlor  | 7.498  | 6.626  | 17143828 | 126.2E6  | 21.652   | 100.290 # |
| 21)                         | B Endrin ke...  | 7.731f | 6.876  | 10634602 | -3384399 | 5.466    | N.D. #    |
| 22)                         | Toxaphene-1     | 5.887  | 5.027  | 13170436 | 35376219 | 2125.397 | 2075.015  |
| 23)                         | Toxaphene-2     | 6.479  | 5.352  | 35988141 | -5423564 | 2015.629 | N.D. #    |
| 24)                         | Toxaphene-3     | 0.000  | 6.626  | 0        | 126.2E6  | N.D.     | 2044.393  |
| 25)                         | Toxaphene-4     | 7.189  | 6.751  | 75749804 | 173.6E6  | 1932.359 | 2060.502  |
| 26)                         | Toxaphene-5     | 7.610  | 7.066  | 61983674 | 71852009 | 2153.623 | 2025.189  |
| -----                       |                 |        |        |          |          |          |           |

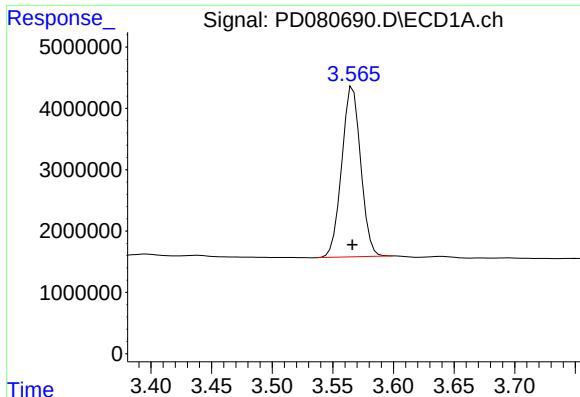
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010424\  
Data File : PD080690.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Jan 2024 09:04  
Operator : AR\AJ  
Sample : TOXAPHENE398  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 04 22:06:14 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD121623CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 21 13:52:23 2023  
Response via : Initial Calibration  
Integrator: ChemStation

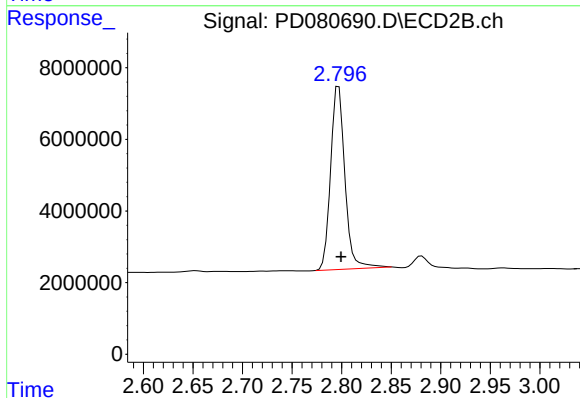
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





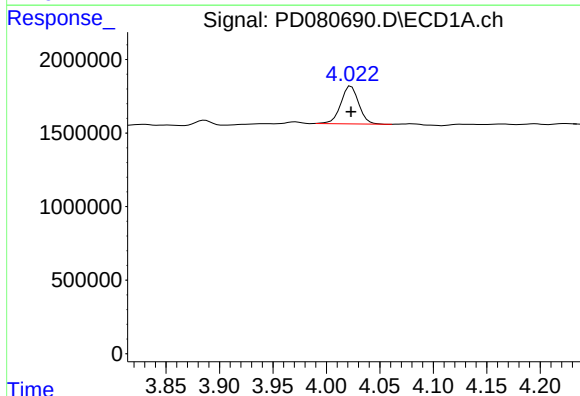
#1 Tetrachloro-m-xylene

R.T.: 3.567 min  
Delta R.T.: 0.000 min  
Response: 30197037  
Conc: 23.65 ng/ml



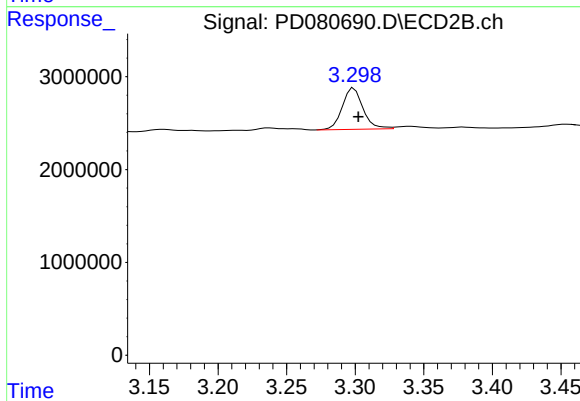
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: -0.002 min  
Response: 51530590  
Conc: 23.17 ng/ml



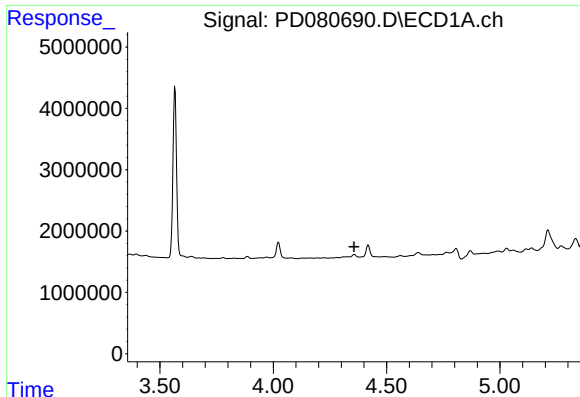
#2 alpha-BHC

R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 2974596  
Conc: 1.44 ng/ml



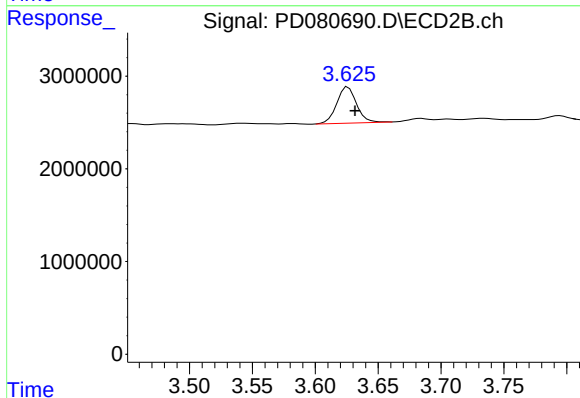
#2 alpha-BHC

R.T.: 3.299 min  
Delta R.T.: -0.003 min  
Response: 4683586  
Conc: 1.37 ng/ml



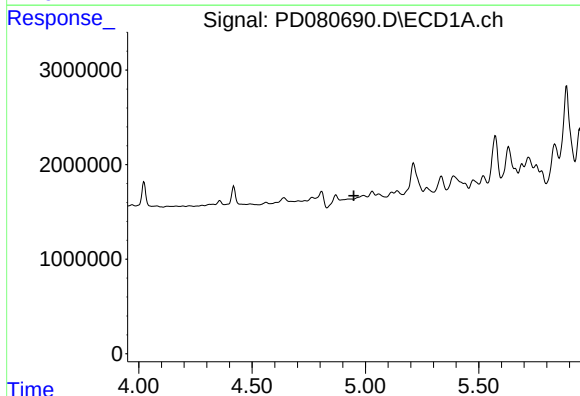
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.356 min  
Response: 0  
Conc: N.D.



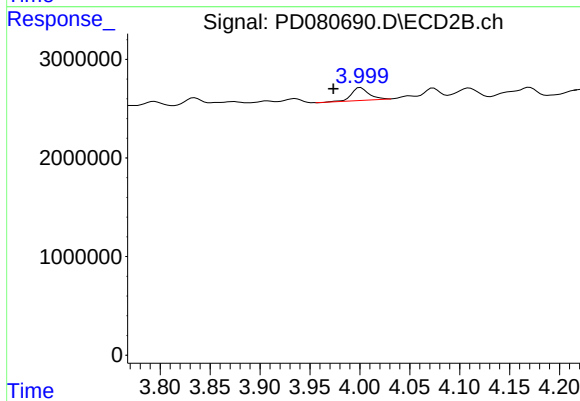
#3 gamma-BHC (Lindane)

R.T.: 3.626 min  
Delta R.T.: -0.005 min  
Response: 4276412  
Conc: 1.33 ng/ml



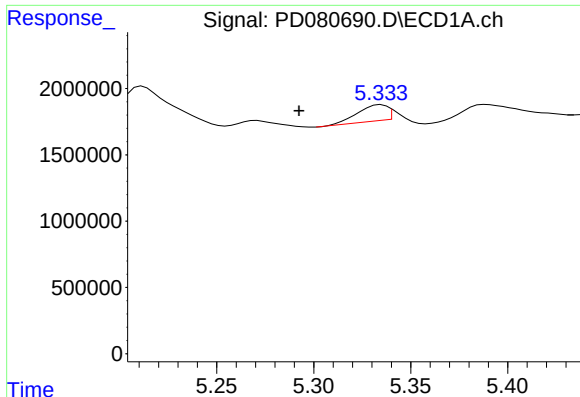
#4 Heptachlor

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



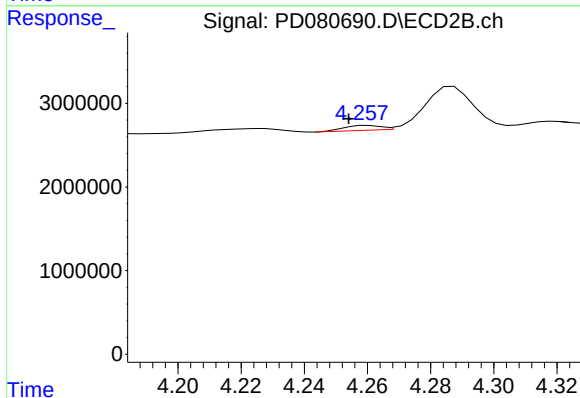
#4 Heptachlor

R.T.: 4.001 min  
Delta R.T.: 0.028 min  
Response: 1548537  
Conc: 0.48 ng/ml



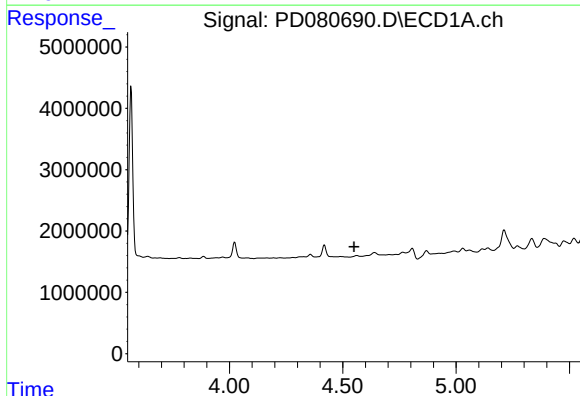
#5 Aldrin

R.T.: 5.335 min  
Delta R.T.: 0.042 min  
Response: 1376966  
Conc: 0.62 ng/ml



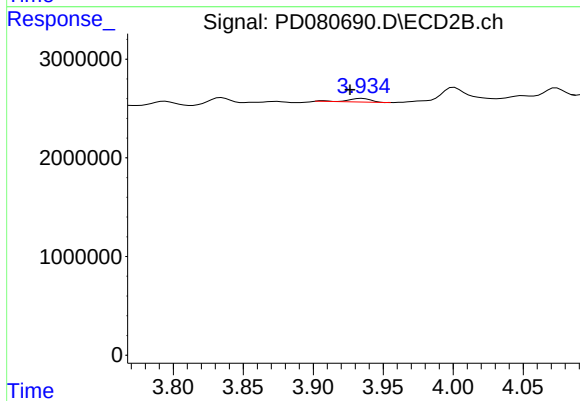
#5 Aldrin

R.T.: 4.260 min  
Delta R.T.: 0.006 min  
Response: 467325  
Conc: 0.13 ng/ml



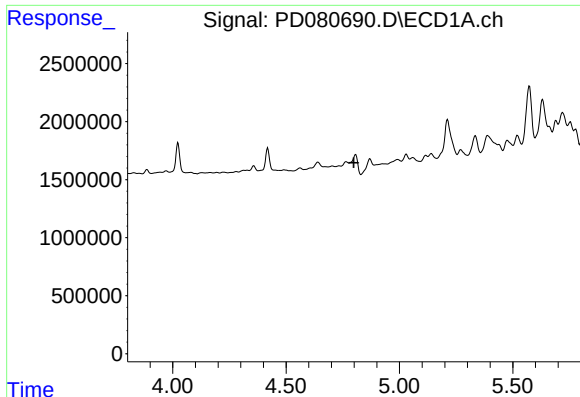
#6 beta-BHC

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



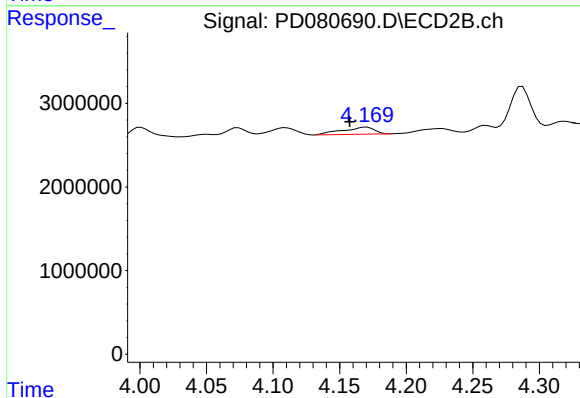
#6 beta-BHC

R.T.: 3.935 min  
Delta R.T.: 0.009 min  
Response: 399612  
Conc: 0.23 ng/ml



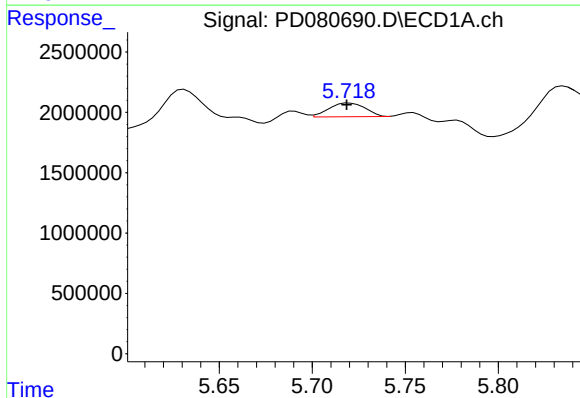
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.799 min  
Response: 0  
Conc: N.D.



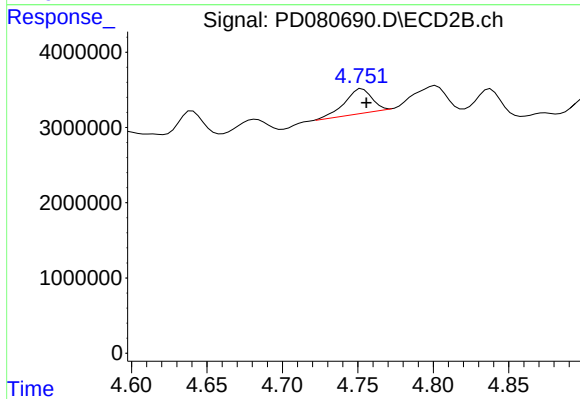
#7 delta-BHC

R.T.: 4.170 min  
Delta R.T.: 0.012 min  
Response: 1433290  
Conc: 0.37 ng/ml



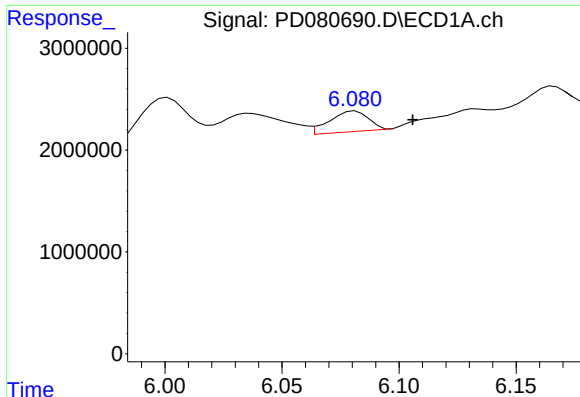
#8 Heptachlor epoxide

R.T.: 5.720 min  
Delta R.T.: 0.001 min  
Response: 1535267  
Conc: 0.71 ng/ml



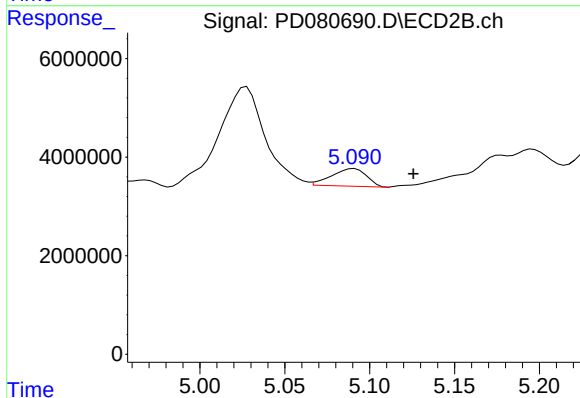
#8 Heptachlor epoxide

R.T.: 4.753 min  
Delta R.T.: -0.003 min  
Response: 4127488  
Conc: 1.22 ng/ml



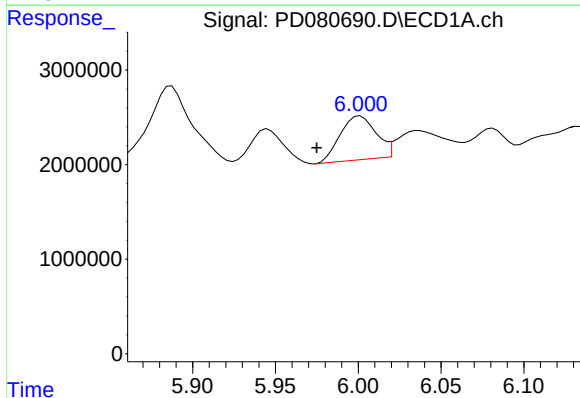
#9 Endosulfan I

R.T.: 6.081 min  
Delta R.T.: -0.025 min  
Response: 2353743  
Conc: 1.32 ng/ml



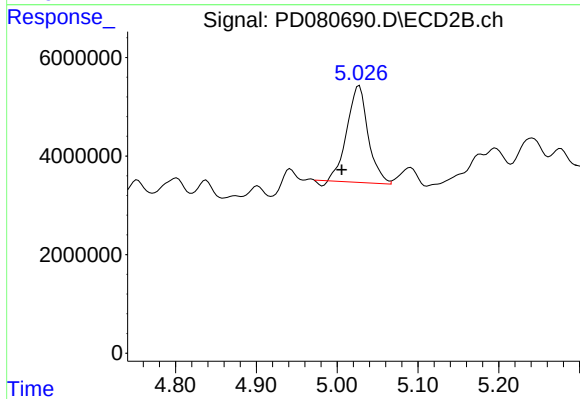
#9 Endosulfan I

R.T.: 5.091 min  
Delta R.T.: -0.035 min  
Response: 5133713  
Conc: 1.87 ng/ml



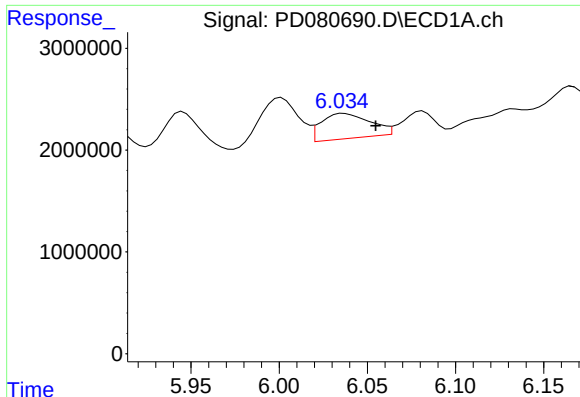
#10 trans-Chlordane

R.T.: 6.001 min  
Delta R.T.: 0.026 min  
Response: 6967943  
Conc: 3.40 ng/ml



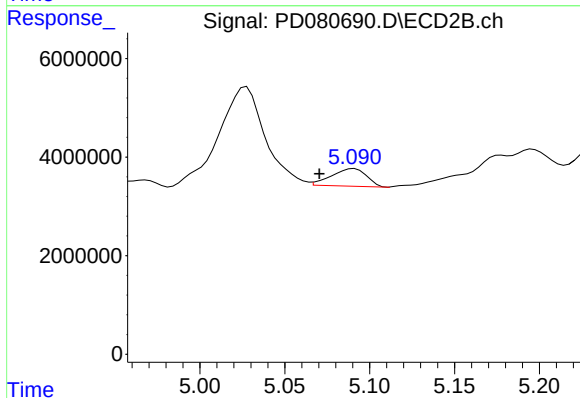
#10 trans-Chlordane

R.T.: 5.027 min  
Delta R.T.: 0.022 min  
Response: 35376219  
Conc: 10.75 ng/ml



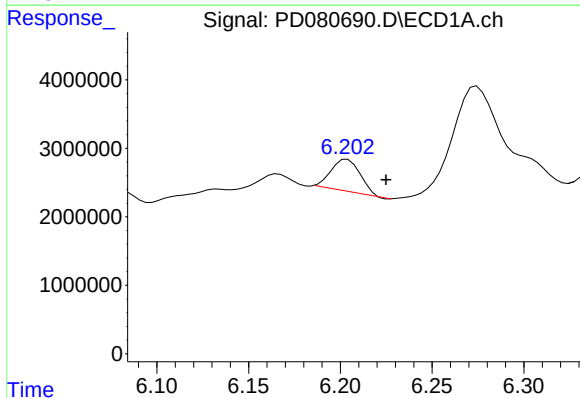
#11 cis-Chlordane

R.T.: 6.037 min  
Delta R.T.: -0.018 min  
Response: 4765669  
Conc: 2.27 ng/ml



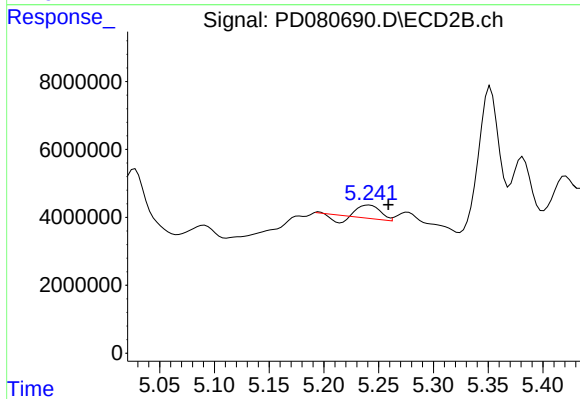
#11 cis-Chlordane

R.T.: 5.091 min  
Delta R.T.: 0.021 min  
Response: 5133713  
Conc: 1.53 ng/ml



#12 4,4'-DDE

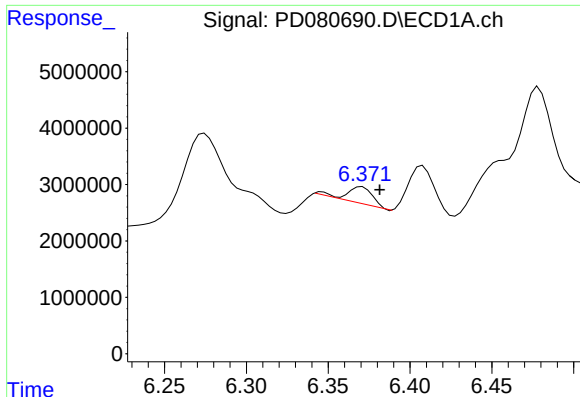
R.T.: 6.204 min  
Delta R.T.: -0.021 min  
Response: 5167830  
Conc: 2.68 ng/ml



#12 4,4'-DDE

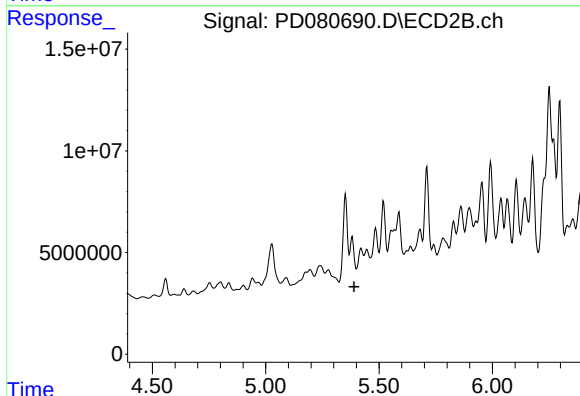
R.T.: 5.241 min  
Delta R.T.: -0.017 min  
Response: 3987555  
Conc: 1.27 ng/ml





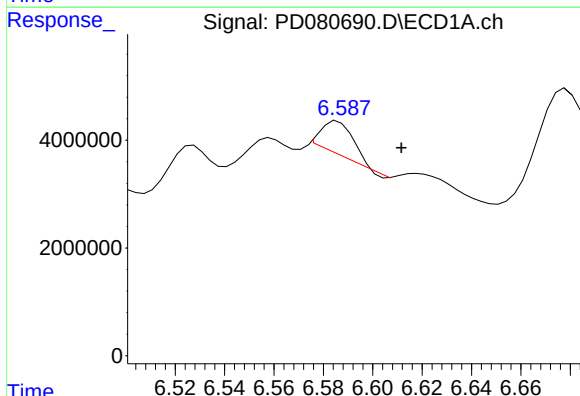
#13 Dieldrin

R.T.: 6.371 min  
Delta R.T.: -0.011 min  
Response: 3224375  
Conc: 1.73 ng/ml



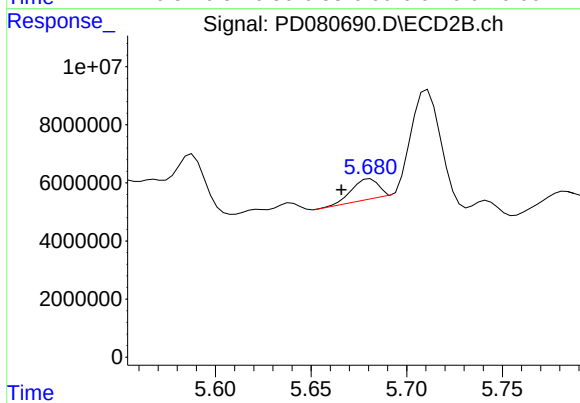
#13 Dieldrin

R.T.: 5.382 min  
Delta R.T.: -0.009 min  
Response: -11107938  
Conc: N.D.



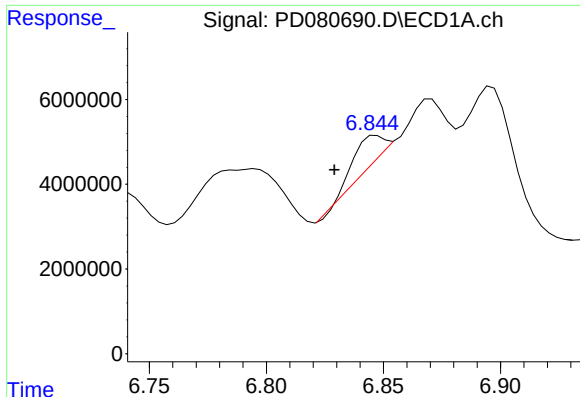
#14 Endrin

R.T.: 6.586 min  
Delta R.T.: -0.026 min  
Response: 5497843  
Conc: 3.51 ng/ml



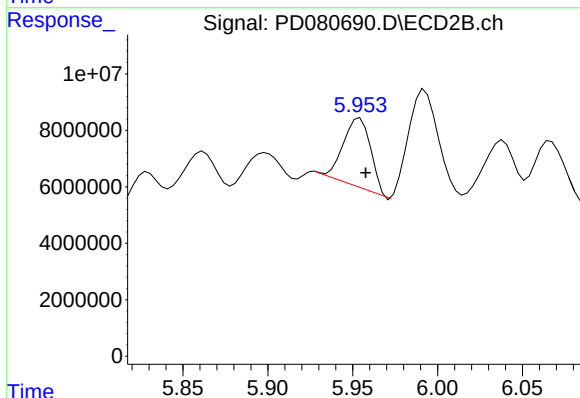
#14 Endrin

R.T.: 5.681 min  
Delta R.T.: 0.015 min  
Response: 6650233  
Conc: 2.53 ng/ml



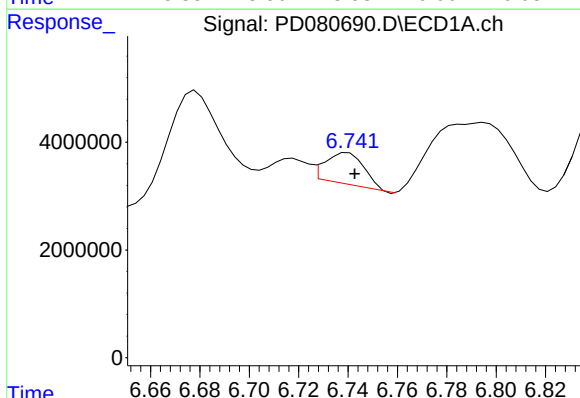
#15 Endosulfan II

R.T.: 6.847 min  
Delta R.T.: 0.018 min  
Response: 4784473  
Conc: 2.55 ng/ml



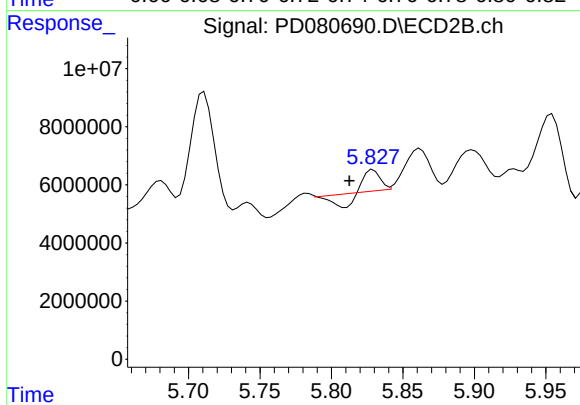
#15 Endosulfan II

R.T.: 5.954 min  
Delta R.T.: -0.003 min  
Response: 27633200  
Conc: 9.53 ng/ml



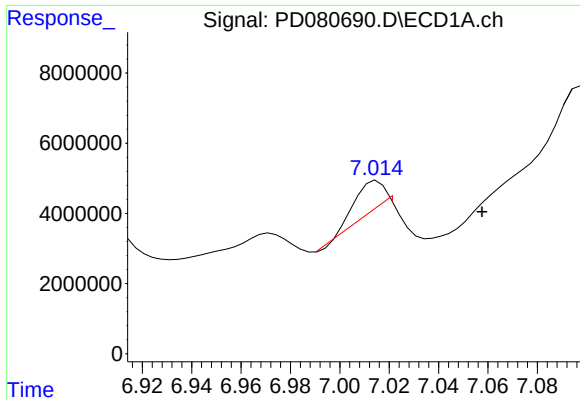
#16 4,4'-DDD

R.T.: 6.740 min  
Delta R.T.: -0.003 min  
Response: 6374124  
Conc: 4.60 ng/ml



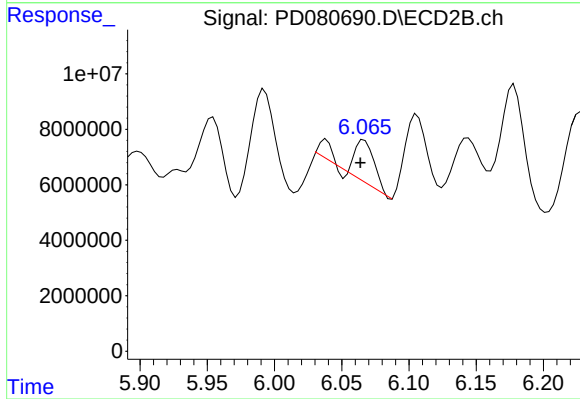
#16 4,4'-DDD

R.T.: 5.829 min  
Delta R.T.: 0.017 min  
Response: 2059574  
Conc: 0.90 ng/ml



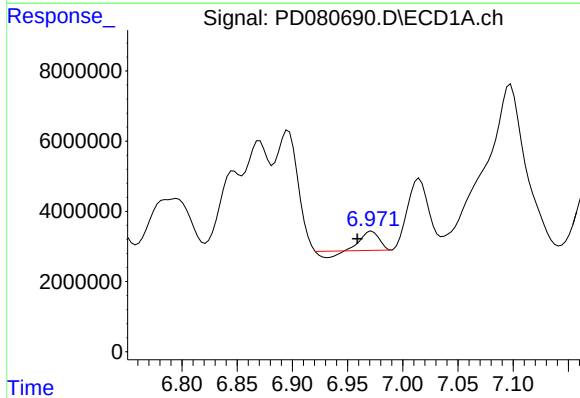
#17 4,4'-DDT

R.T.: 7.015 min  
Delta R.T.: -0.043 min  
Response: 6925521  
Conc: 4.69 ng/ml



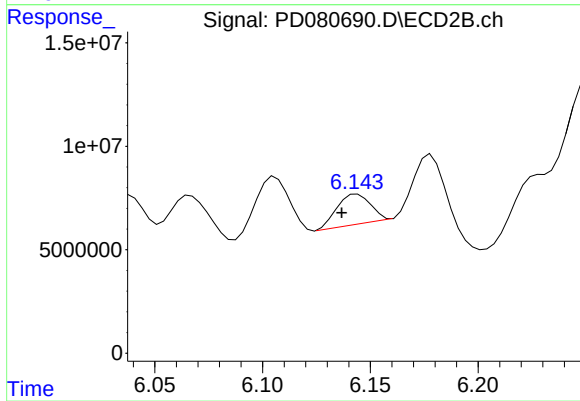
#17 4,4'-DDT

R.T.: 6.067 min  
Delta R.T.: 0.003 min  
Response: 16677019  
Conc: 6.92 ng/ml



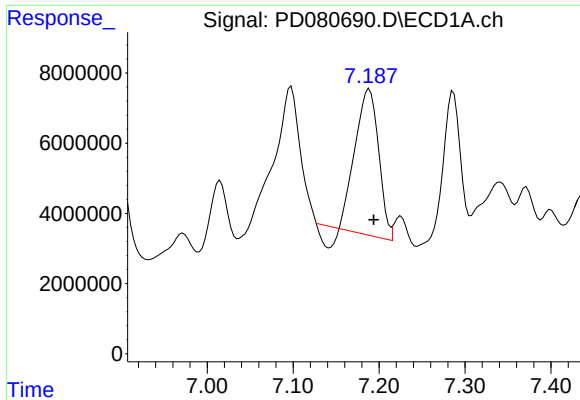
#18 Endrin aldehyde

R.T.: 6.972 min  
Delta R.T.: 0.013 min  
Response: 5048158  
Conc: 3.38 ng/ml



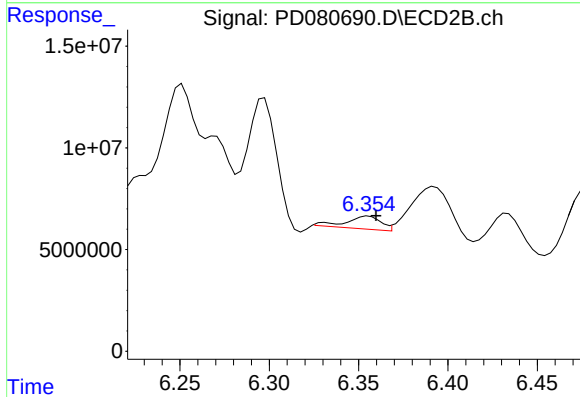
#18 Endrin aldehyde

R.T.: 6.144 min  
Delta R.T.: 0.007 min  
Response: 15616412  
Conc: 6.77 ng/ml



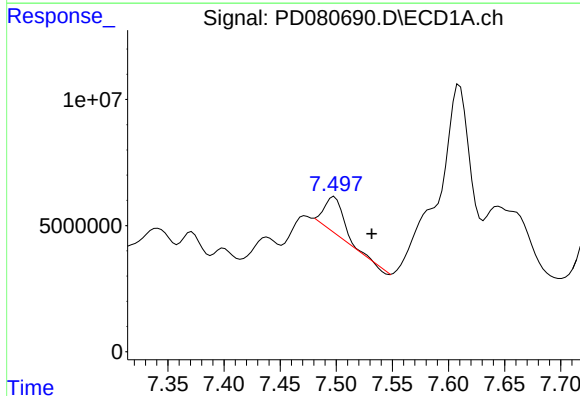
#19 Endosulfan Sulfate

R.T.: 7.189 min  
Delta R.T.: -0.005 min  
Response: 75749804  
Conc: 41.30 ng/ml



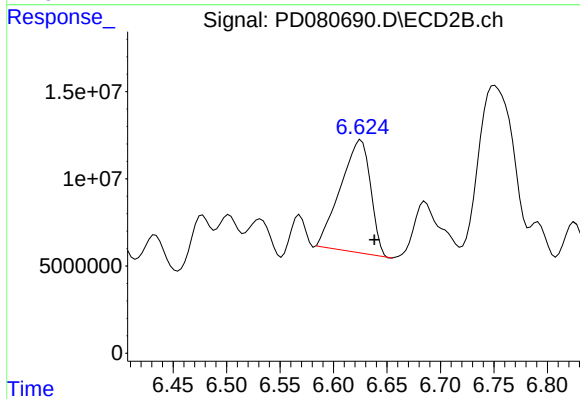
#19 Endosulfan Sulfate

R.T.: 6.356 min  
Delta R.T.: -0.004 min  
Response: 8744864  
Conc: 3.12 ng/ml



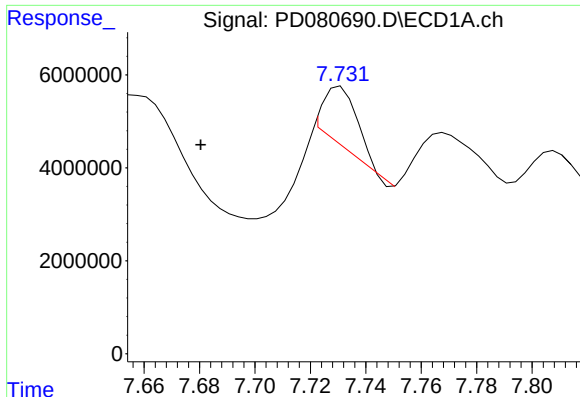
#20 Methoxychlor

R.T.: 7.498 min  
Delta R.T.: -0.033 min  
Response: 17143828  
Conc: 21.65 ng/ml



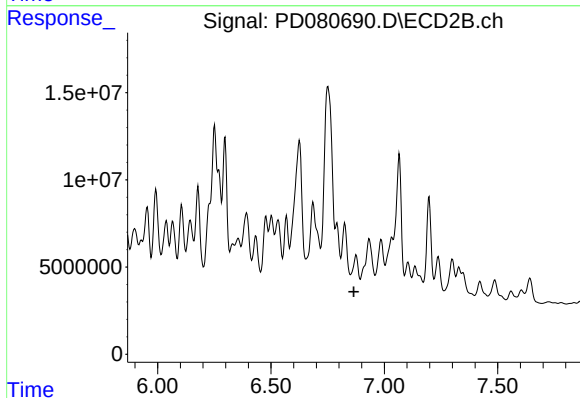
#20 Methoxychlor

R.T.: 6.626 min  
Delta R.T.: -0.013 min  
Response: 126245091  
Conc: 100.29 ng/ml



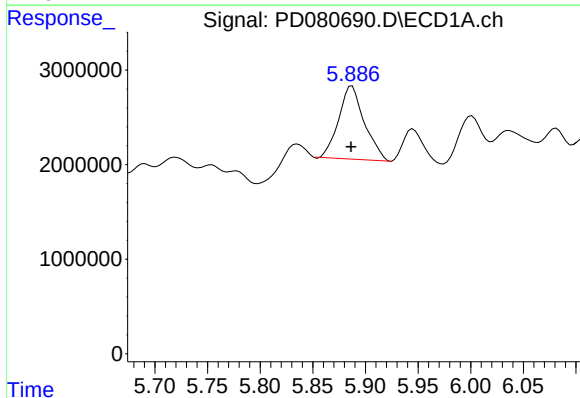
#21 Endrin ketone

R.T.: 7.731 min  
Delta R.T.: 0.050 min  
Response: 10634602  
Conc: 5.47 ng/ml



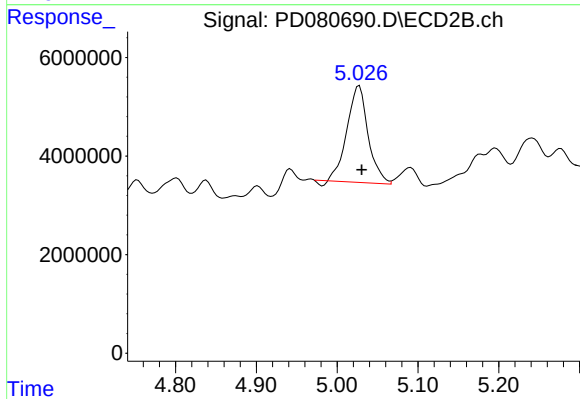
#21 Endrin ketone

R.T.: 6.876 min  
Delta R.T.: 0.010 min  
Response: -3384399  
Conc: N.D.



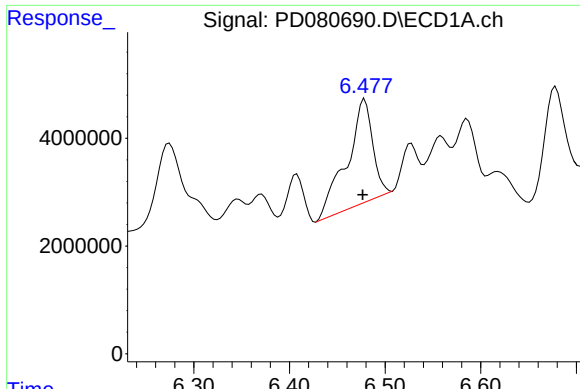
#22 Toxaphene-1

R.T.: 5.887 min  
Delta R.T.: 0.000 min  
Response: 13170436  
Conc: 2125.40 ng/ml



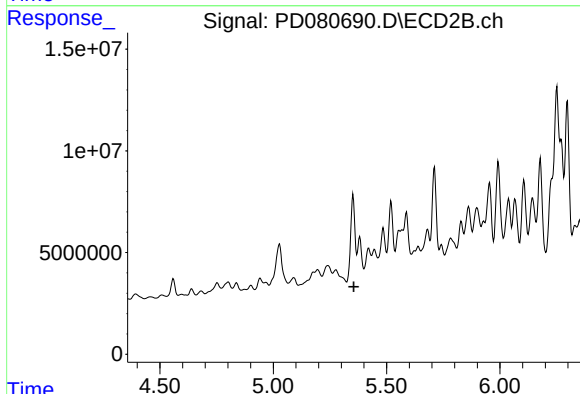
#22 Toxaphene-1

R.T.: 5.027 min  
Delta R.T.: -0.003 min  
Response: 35376219  
Conc: 2075.02 ng/ml



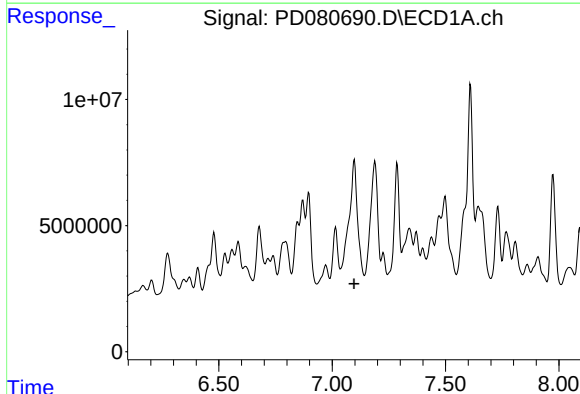
#23 Toxaphene-2

R.T.: 6.479 min  
Delta R.T.: 0.002 min  
Response: 35988141  
Conc: 2015.63 ng/ml



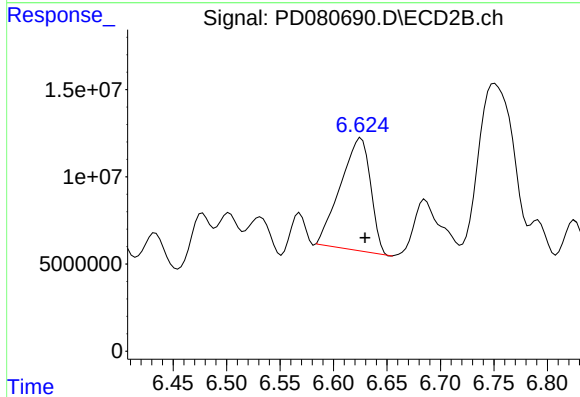
#23 Toxaphene-2

R.T.: 5.352 min  
Delta R.T.: -0.003 min  
Response: -5423564  
Conc: N.D.



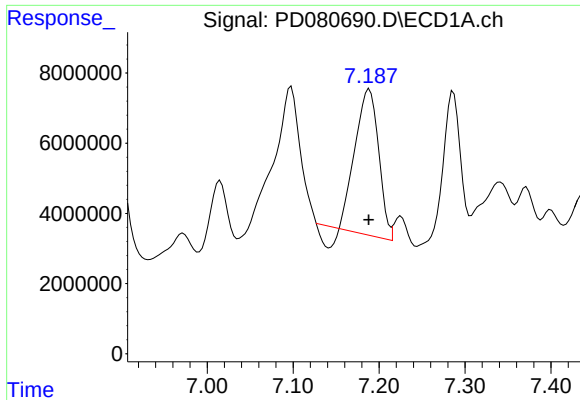
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T.: 7.096 min  
Response: 0  
Conc: N.D.



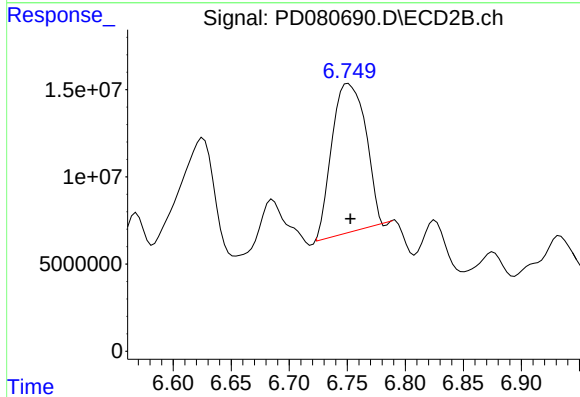
#24 Toxaphene-3

R.T.: 6.626 min  
Delta R.T.: -0.004 min  
Response: 126245091  
Conc: 2044.39 ng/ml



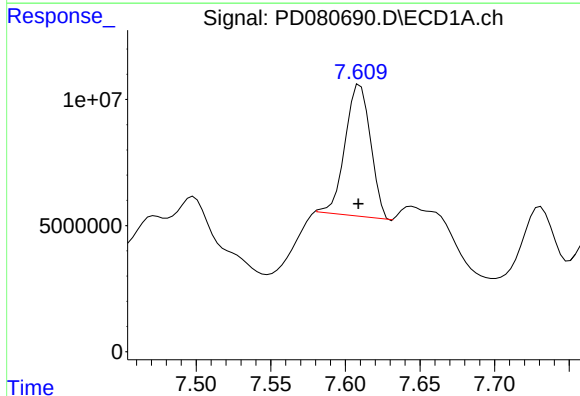
#25 Toxaphene-4

R.T.: 7.189 min  
Delta R.T.: 0.000 min  
Response: 75749804  
Conc: 1932.36 ng/ml



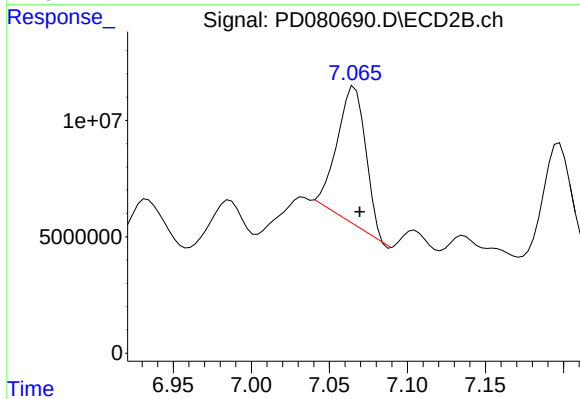
#25 Toxaphene-4

R.T.: 6.751 min  
Delta R.T.: -0.001 min  
Response: 173558470  
Conc: 2060.50 ng/ml



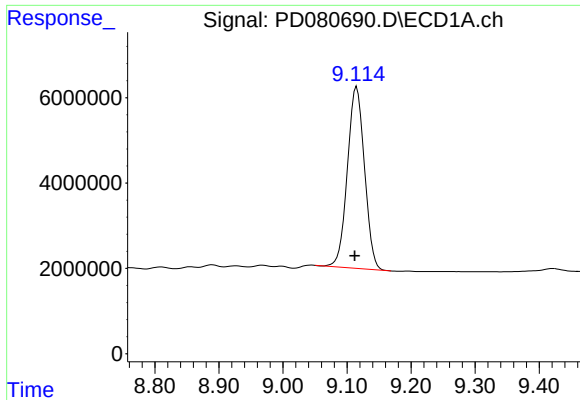
#26 Toxaphene-5

R.T.: 7.610 min  
Delta R.T.: 0.001 min  
Response: 61983674  
Conc: 2153.62 ng/ml



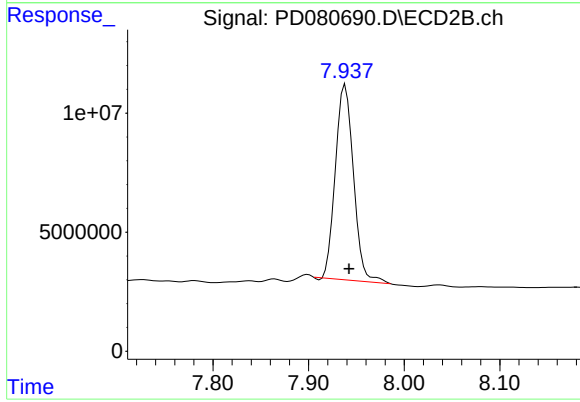
#26 Toxaphene-5

R.T.: 7.066 min  
Delta R.T.: -0.003 min  
Response: 71852009  
Conc: 2025.19 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.115 min  
Delta R.T.: 0.003 min  
Response: 78607444  
Conc: 48.89 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.938 min  
Delta R.T.: -0.004 min  
Response: 107658607  
Conc: 44.85 ng/ml