

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122423\  
 Data File : PD080314.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Dec 2023 14:06  
 Operator : AR\AJ  
 Sample : PB157894BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 21 20:45:49 2023  
 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

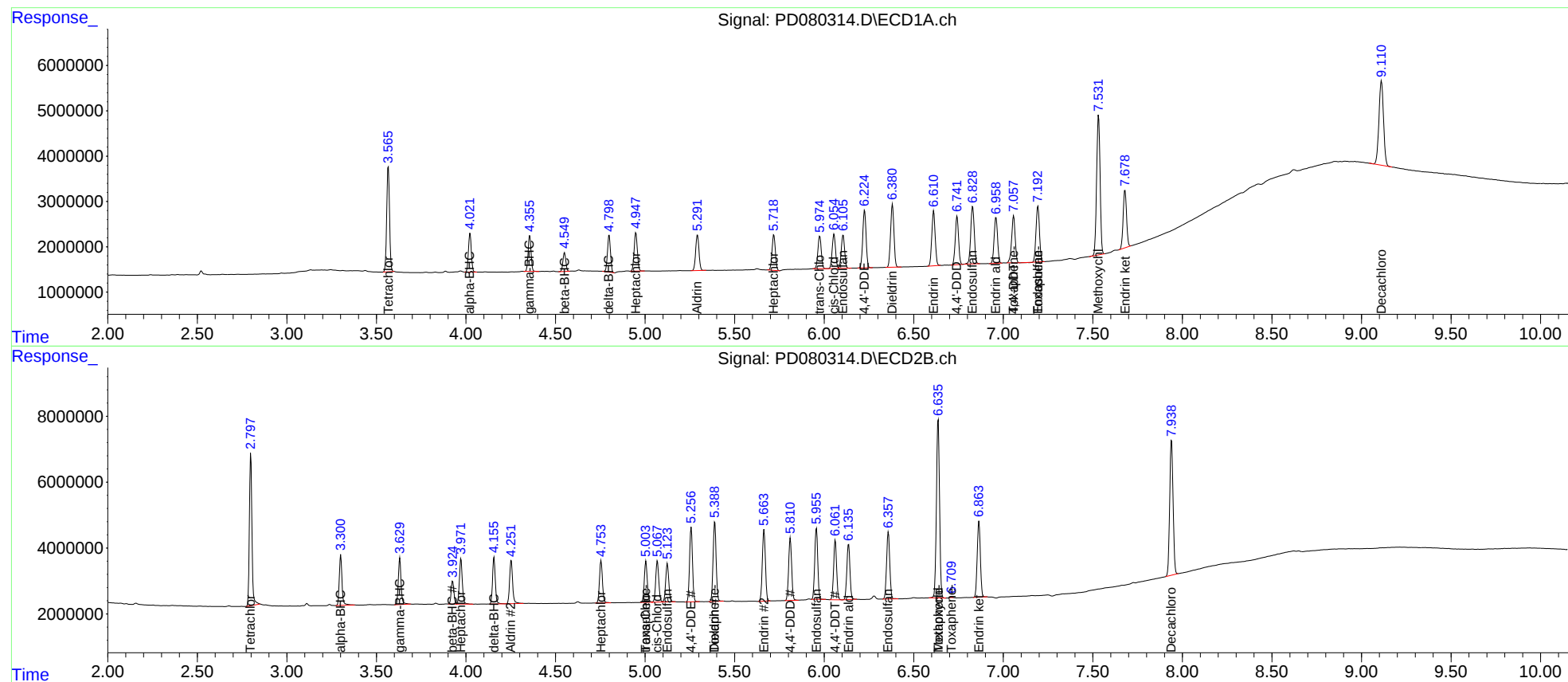
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.566  | 2.799  | 25652005 | 45738557 | 20.091  | 20.570     |
| 27)                         | SA Decachlor... | 9.111  | 7.939  | 33192291 | 53852470 | 20.645  | 22.436     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.023  | 3.301  | 9614413  | 16230649 | 4.664   | 4.760      |
| 3)                          | MA gamma-BHC... | 4.356  | 3.631  | 8982166  | 15052510 | 4.523   | 4.676      |
| 4)                          | MA Heptachlor   | 4.949  | 3.972  | 10576999 | 15655004 | 5.065   | 4.889      |
| 5)                          | MB Aldrin       | 5.293  | 4.253  | 10157561 | 15452023 | 4.541   | 4.374      |
| 6)                          | B beta-BHC      | 4.551  | 3.926  | 4624602  | 7292760  | 4.455   | 4.247      |
| 7)                          | B delta-BHC     | 4.800  | 4.157  | 9731530  | 15112627 | 4.237   | 3.887      |
| 8)                          | B Heptachlo...  | 5.719  | 4.755  | 10056121 | 14770754 | 4.681   | 4.358      |
| 9)                          | A Endosulfan I  | 6.106  | 5.125  | 9447939  | 13758500 | 5.304   | 5.019      |
| 10)                         | B trans-Chl...  | 5.976  | 5.005  | 9427977  | 14292980 | 4.594   | 4.342      |
| 11)                         | B cis-Chlor...  | 6.055  | 5.069  | 9711366  | 14772335 | 4.627   | 4.394      |
| 12)                         | B 4,4'-DDE      | 6.226  | 5.258  | 16482132 | 25684957 | 8.532   | 8.177      |
| 13)                         | MA Dieldrin     | 6.381  | 5.389  | 18269160 | 28628949 | 9.816   | 9.553      |
| 14)                         | MA Endrin       | 6.611  | 5.664  | 15898697 | 25900458 | 10.151  | 9.844      |
| 15)                         | B Endosulfa...  | 6.829  | 5.957  | 17428727 | 25291217 | 9.297   | 8.723      |
| 16)                         | A 4,4'-DDD      | 6.742  | 5.811  | 13700770 | 22229271 | 9.877   | 9.668      |
| 17)                         | MA 4,4'-DDT     | 7.058  | 6.062  | 14080574 | 21034310 | 9.528   | 8.724      |
| 18)                         | B Endrin al...  | 6.959  | 6.136  | 13448608 | 20354261 | 9.016   | 8.827      |
| 19)                         | B Endosulfa...  | 7.194  | 6.359  | 16387973 | 24977326 | 8.935   | 8.905      |
| 20)                         | A Methoxychlor  | 7.532  | 6.637  | 41207677 | 65801696 | 52.045  | 52.273     |
| 21)                         | B Endrin ke...  | 7.680  | 6.864  | 16674738 | 27981834 | 8.570   | 8.744      |
| 22)                         | Toxaphene-1     | 0.000  | 5.005  | 0        | 14292980 | N.D.    | 838.364    |
| 23)                         | Toxaphene-2     | 0.000  | 5.389  | 0        | 28628949 | N.D.    | 1669.372   |
| 24)                         | Toxaphene-3     | 7.058f | 6.637  | 14080574 | 65801696 | 270.034 | 1065.582 # |
| 25)                         | Toxaphene-4     | 7.194  | 6.711f | 16387973 | 134177   | 418.053 | 1.593 #    |
| -----                       |                 |        |        |          |          |         |            |

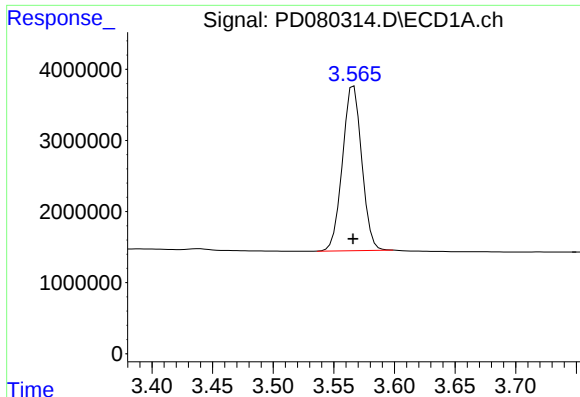
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122423\  
Data File : PD080314.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Dec 2023 14:06  
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ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
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Quant Time: Dec 21 20:45:49 2023  
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

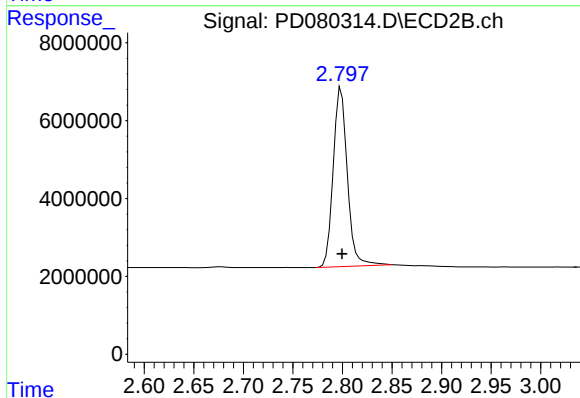
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





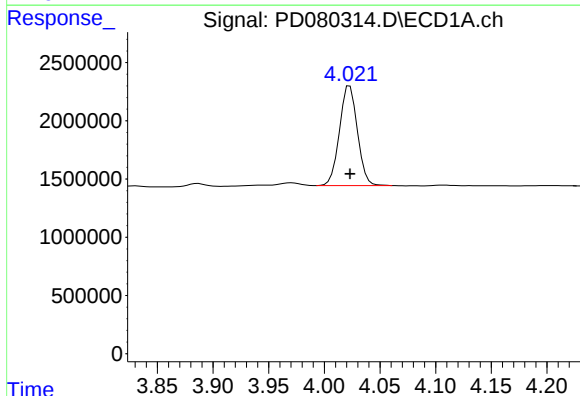
#1 Tetrachloro-m-xylene

R.T.: 3.566 min  
Delta R.T.: 0.000 min  
Response: 25652005  
Conc: 20.09 ng/ml



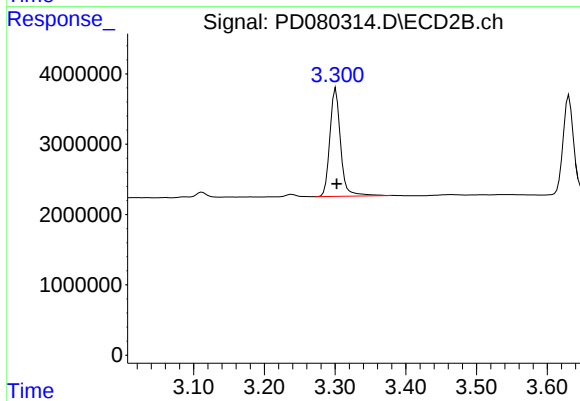
#1 Tetrachloro-m-xylene

R.T.: 2.799 min  
Delta R.T.: 0.000 min  
Response: 45738557  
Conc: 20.57 ng/ml



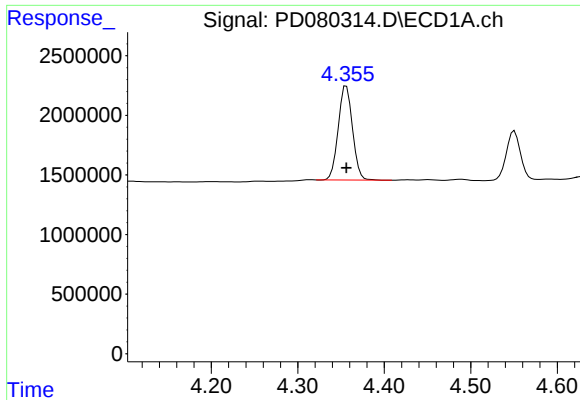
#2 alpha-BHC

R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 9614413  
Conc: 4.66 ng/ml



#2 alpha-BHC

R.T.: 3.301 min  
Delta R.T.: -0.001 min  
Response: 16230649  
Conc: 4.76 ng/ml



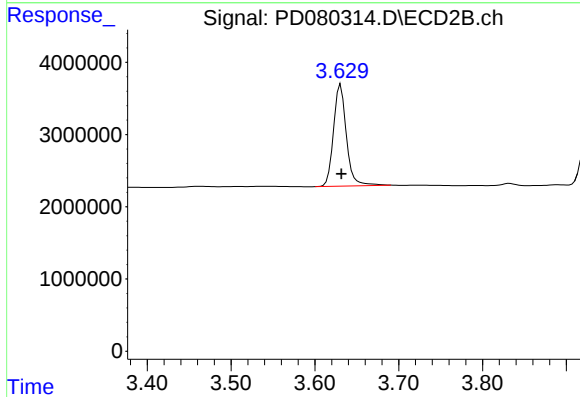
#3 gamma-BHC (Lindane)

R.T.: 4.356 min

Delta R.T.: 0.000 min

Response: 8982166

Conc: 4.52 ng/ml



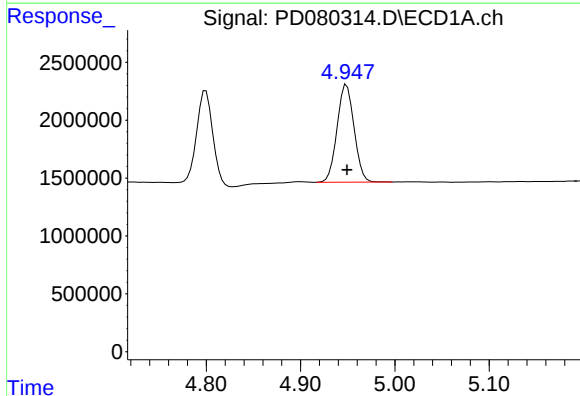
#3 gamma-BHC (Lindane)

R.T.: 3.631 min

Delta R.T.: 0.000 min

Response: 15052510

Conc: 4.68 ng/ml



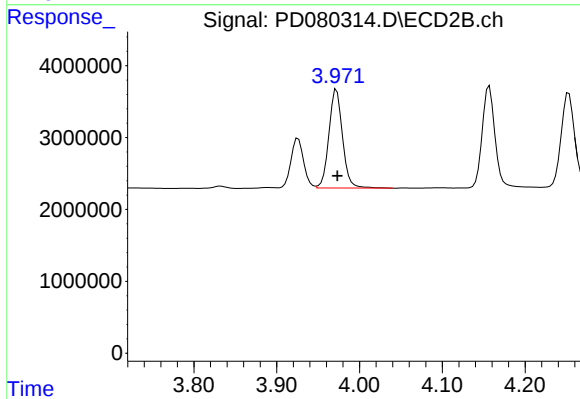
#4 Heptachlor

R.T.: 4.949 min

Delta R.T.: 0.000 min

Response: 10576999

Conc: 5.06 ng/ml



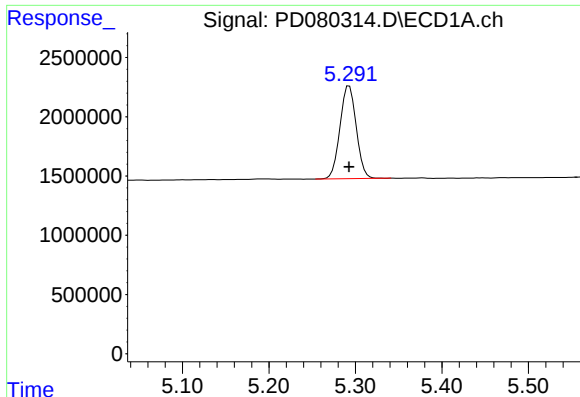
#4 Heptachlor

R.T.: 3.972 min

Delta R.T.: -0.001 min

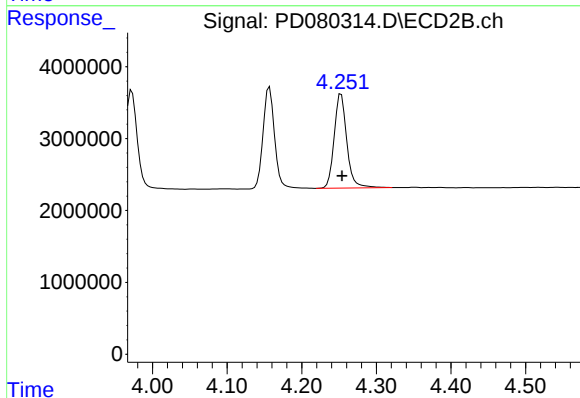
Response: 15655004

Conc: 4.89 ng/ml



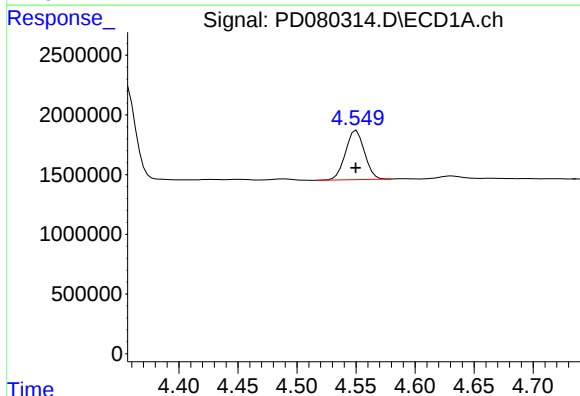
#5 Aldrin

R.T.: 5.293 min  
Delta R.T.: 0.000 min  
Response: 10157561  
Conc: 4.54 ng/ml



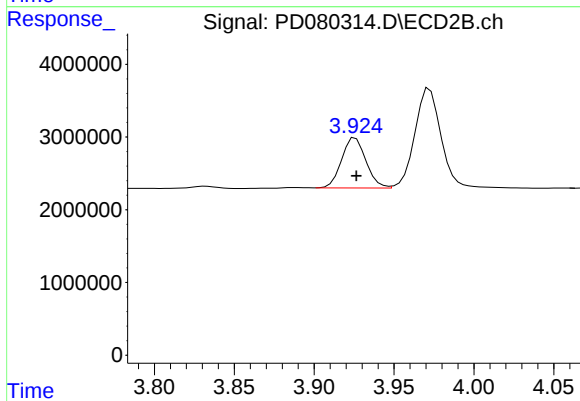
#5 Aldrin

R.T.: 4.253 min  
Delta R.T.: -0.001 min  
Response: 15452023  
Conc: 4.37 ng/ml



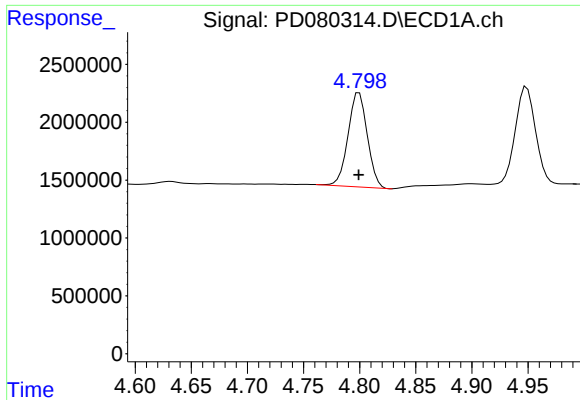
#6 beta-BHC

R.T.: 4.551 min  
Delta R.T.: 0.000 min  
Response: 4624602  
Conc: 4.46 ng/ml



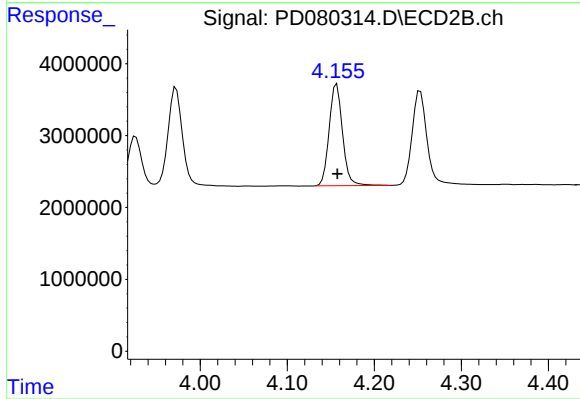
#6 beta-BHC

R.T.: 3.926 min  
Delta R.T.: 0.000 min  
Response: 7292760  
Conc: 4.25 ng/ml



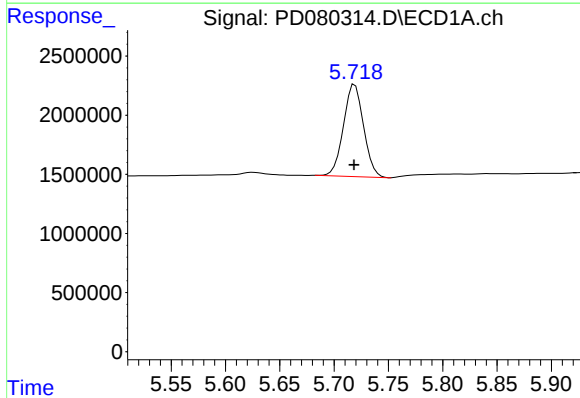
#7 delta-BHC

R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 9731530  
Conc: 4.24 ng/ml



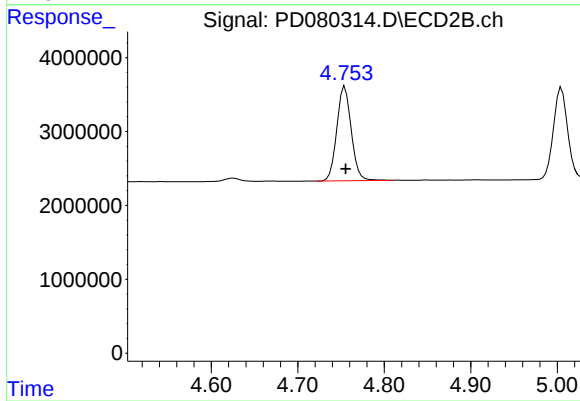
#7 delta-BHC

R.T.: 4.157 min  
Delta R.T.: 0.000 min  
Response: 15112627  
Conc: 3.89 ng/ml



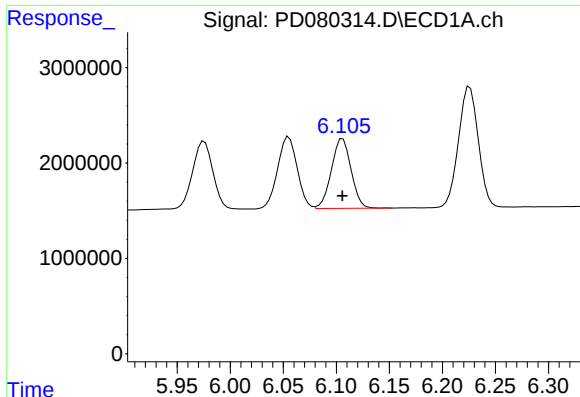
#8 Heptachlor epoxide

R.T.: 5.719 min  
Delta R.T.: 0.000 min  
Response: 10056121  
Conc: 4.68 ng/ml



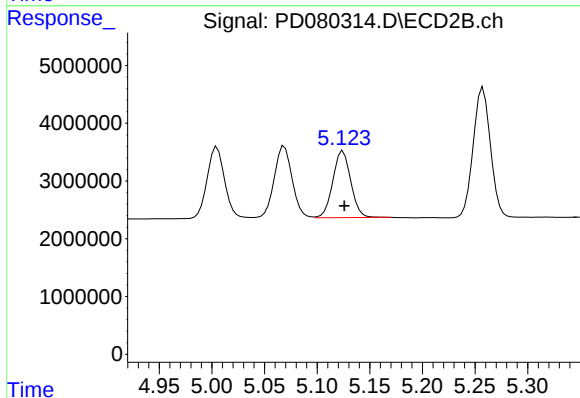
#8 Heptachlor epoxide

R.T.: 4.755 min  
Delta R.T.: -0.001 min  
Response: 14770754  
Conc: 4.36 ng/ml



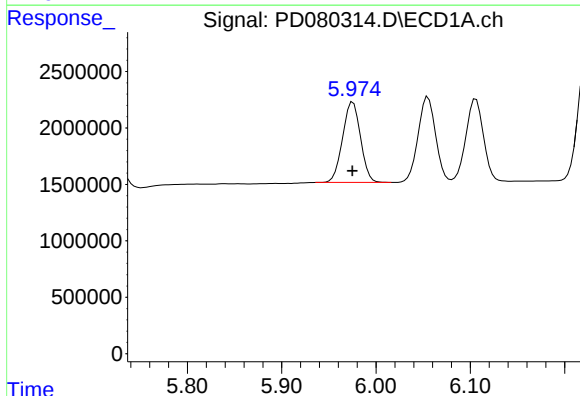
#9 Endosulfan I

R.T.: 6.106 min  
Delta R.T.: 0.000 min  
Response: 9447939  
Conc: 5.30 ng/ml



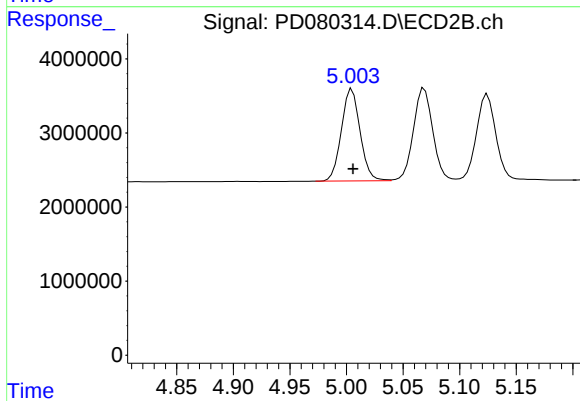
#9 Endosulfan I

R.T.: 5.125 min  
Delta R.T.: -0.001 min  
Response: 13758500  
Conc: 5.02 ng/ml



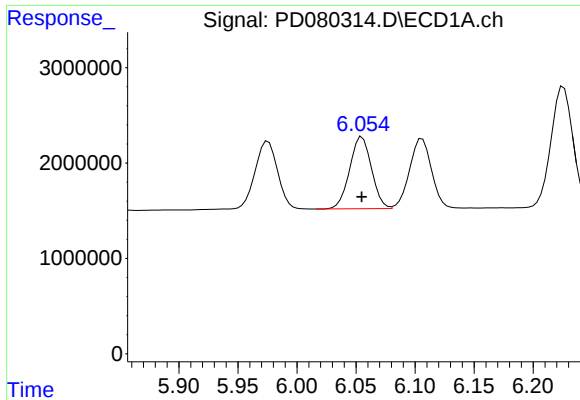
#10 trans-Chlordane

R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 9427977  
Conc: 4.59 ng/ml



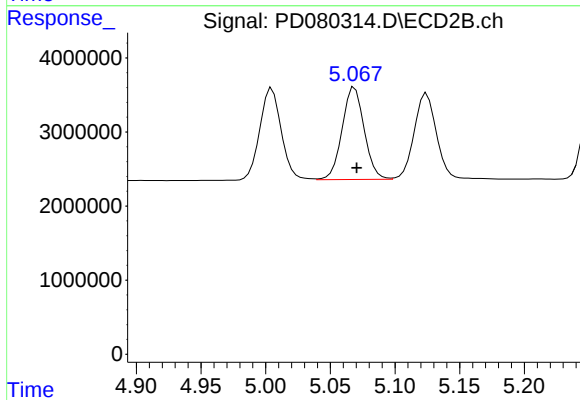
#10 trans-Chlordane

R.T.: 5.005 min  
Delta R.T.: 0.000 min  
Response: 14292980  
Conc: 4.34 ng/ml



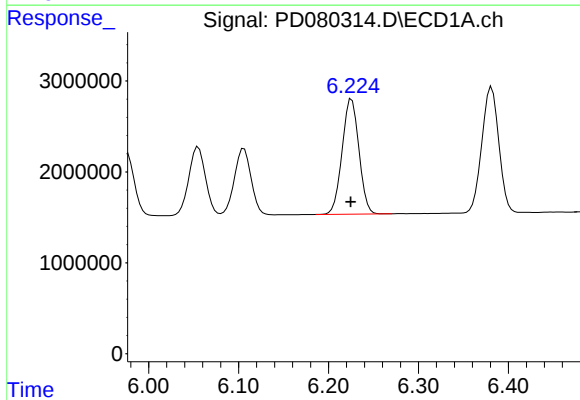
#11 cis-Chlordane

R.T.: 6.055 min  
Delta R.T.: 0.000 min  
Response: 9711366  
Conc: 4.63 ng/ml



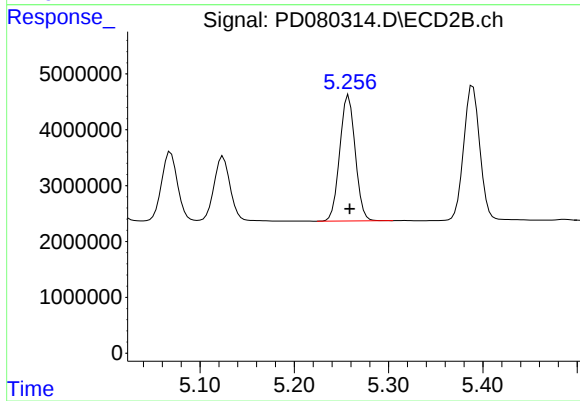
#11 cis-Chlordane

R.T.: 5.069 min  
Delta R.T.: -0.001 min  
Response: 14772335  
Conc: 4.39 ng/ml



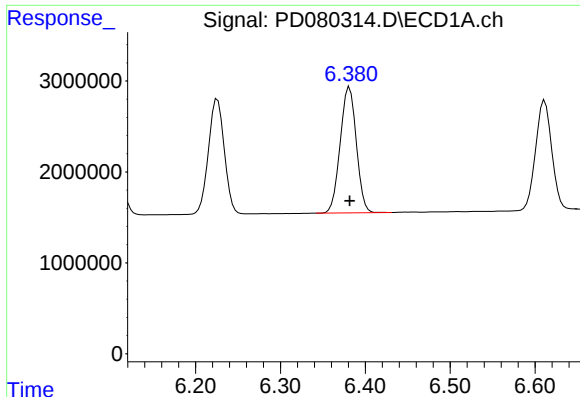
#12 4,4'-DDE

R.T.: 6.226 min  
Delta R.T.: 0.000 min  
Response: 16482132  
Conc: 8.53 ng/ml



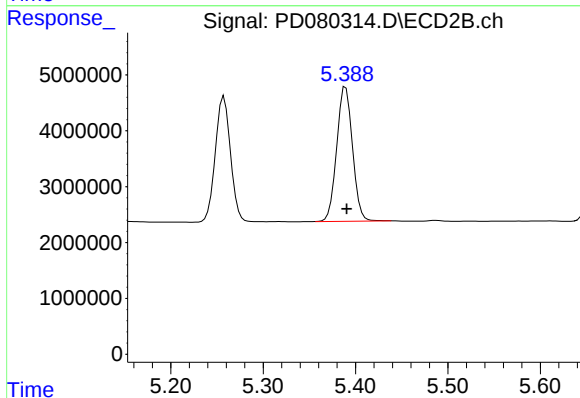
#12 4,4'-DDE

R.T.: 5.258 min  
Delta R.T.: -0.001 min  
Response: 25684957  
Conc: 8.18 ng/ml



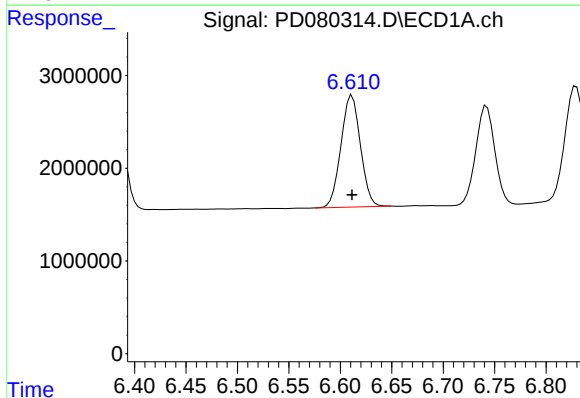
#13 Dieldrin

R.T.: 6.381 min  
Delta R.T.: 0.000 min  
Response: 18269160  
Conc: 9.82 ng/ml



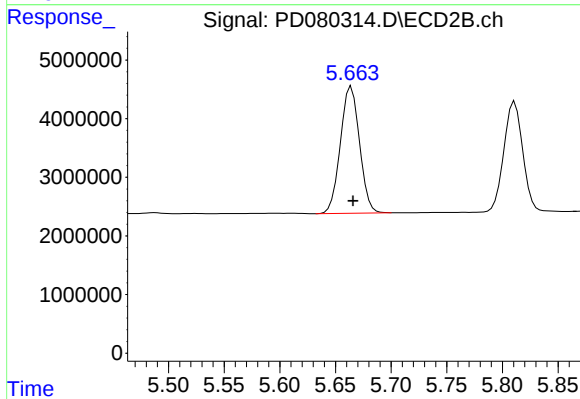
#13 Dieldrin

R.T.: 5.389 min  
Delta R.T.: -0.001 min  
Response: 28628949  
Conc: 9.55 ng/ml



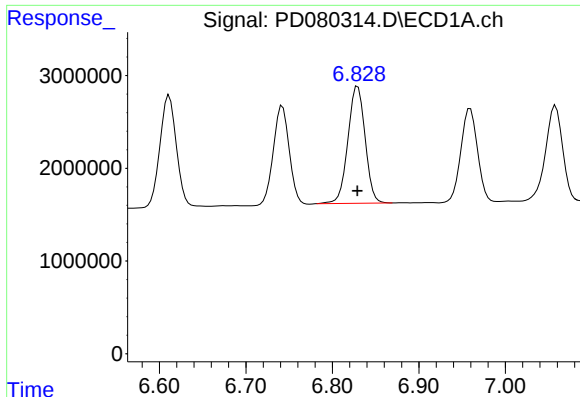
#14 Endrin

R.T.: 6.611 min  
Delta R.T.: 0.000 min  
Response: 15898697  
Conc: 10.15 ng/ml



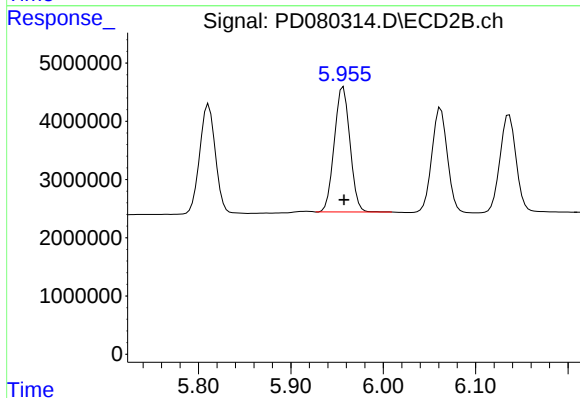
#14 Endrin

R.T.: 5.664 min  
Delta R.T.: -0.002 min  
Response: 25900458  
Conc: 9.84 ng/ml



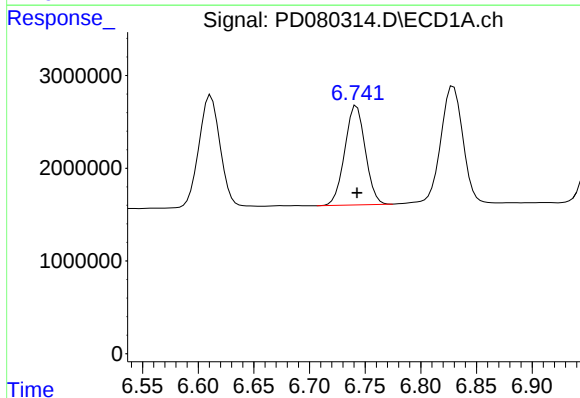
#15 Endosulfan II

R.T.: 6.829 min  
Delta R.T.: 0.000 min  
Response: 17428727  
Conc: 9.30 ng/ml



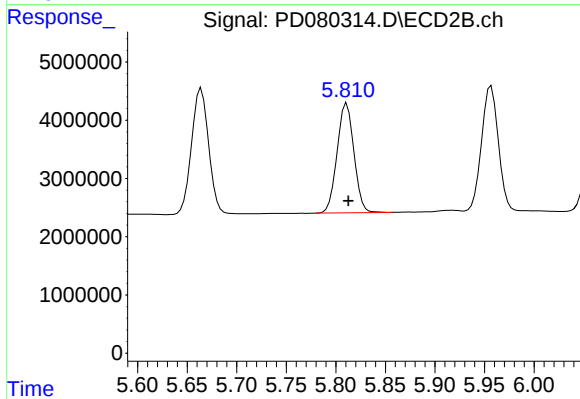
#15 Endosulfan II

R.T.: 5.957 min  
Delta R.T.: 0.000 min  
Response: 25291217  
Conc: 8.72 ng/ml



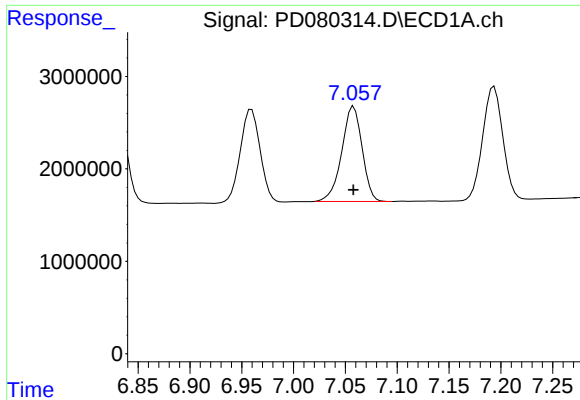
#16 4,4'-DDD

R.T.: 6.742 min  
Delta R.T.: 0.000 min  
Response: 13700770  
Conc: 9.88 ng/ml



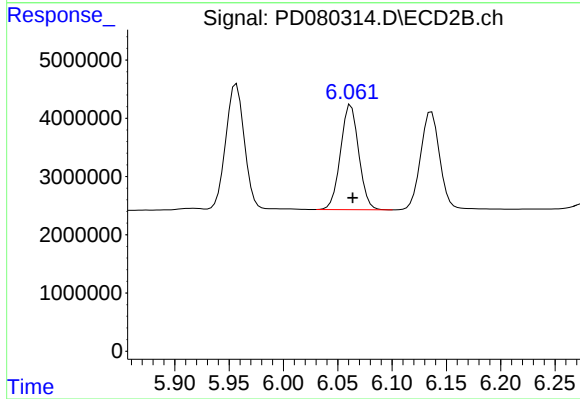
#16 4,4'-DDD

R.T.: 5.811 min  
Delta R.T.: -0.002 min  
Response: 22229271  
Conc: 9.67 ng/ml



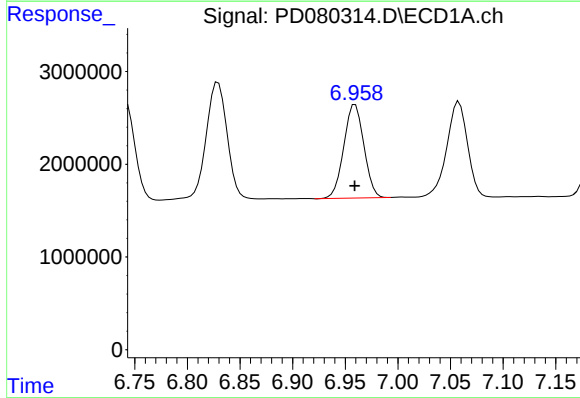
#17 4,4'-DDT

R.T.: 7.058 min  
Delta R.T.: 0.000 min  
Response: 14080574  
Conc: 9.53 ng/ml



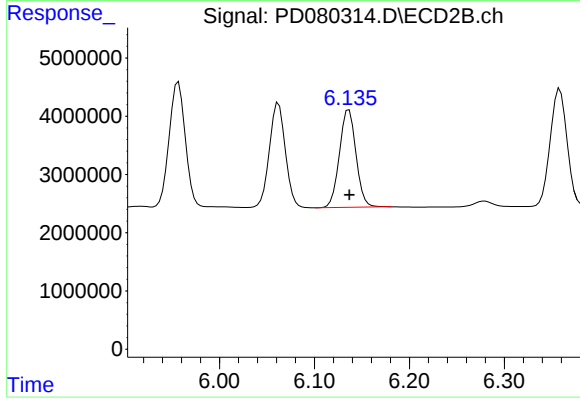
#17 4,4'-DDT

R.T.: 6.062 min  
Delta R.T.: -0.002 min  
Response: 21034310  
Conc: 8.72 ng/ml



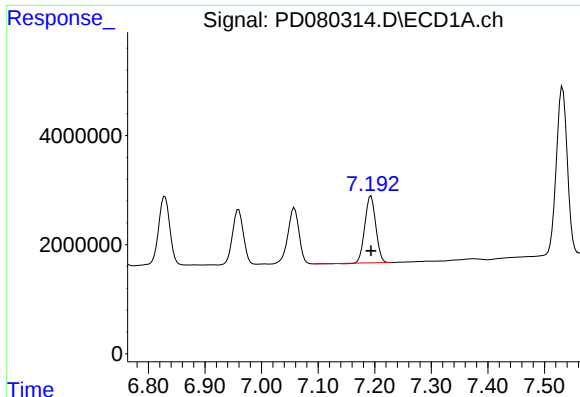
#18 Endrin aldehyde

R.T.: 6.959 min  
Delta R.T.: 0.000 min  
Response: 13448608  
Conc: 9.02 ng/ml



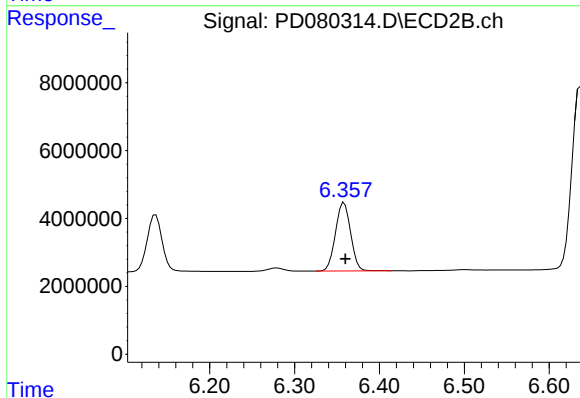
#18 Endrin aldehyde

R.T.: 6.136 min  
Delta R.T.: 0.000 min  
Response: 20354261  
Conc: 8.83 ng/ml



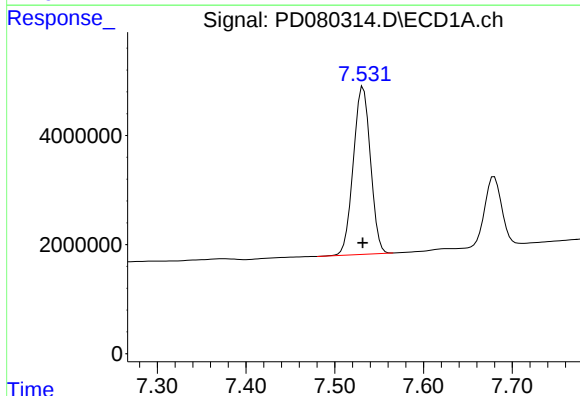
#19 Endosulfan Sulfate

R.T.: 7.194 min  
Delta R.T.: 0.000 min  
Response: 16387973  
Conc: 8.93 ng/ml



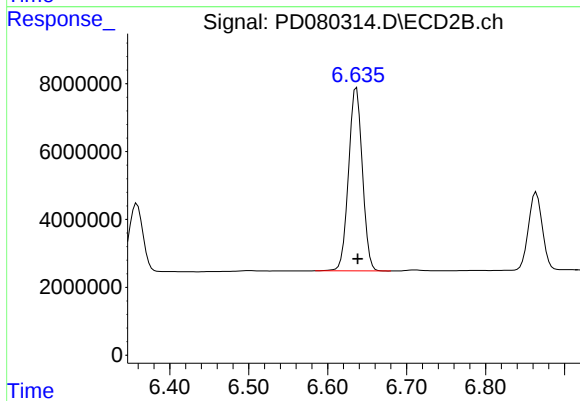
#19 Endosulfan Sulfate

R.T.: 6.359 min  
Delta R.T.: -0.001 min  
Response: 24977326  
Conc: 8.90 ng/ml



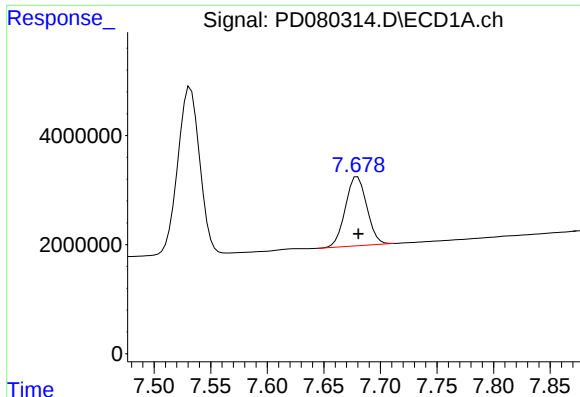
#20 Methoxychlor

R.T.: 7.532 min  
Delta R.T.: 0.000 min  
Response: 41207677  
Conc: 52.04 ng/ml



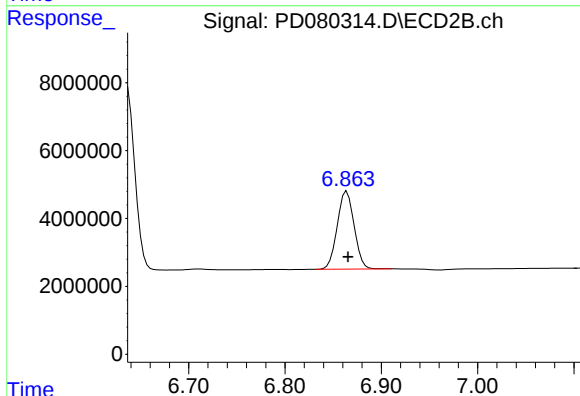
#20 Methoxychlor

R.T.: 6.637 min  
Delta R.T.: -0.002 min  
Response: 65801696  
Conc: 52.27 ng/ml



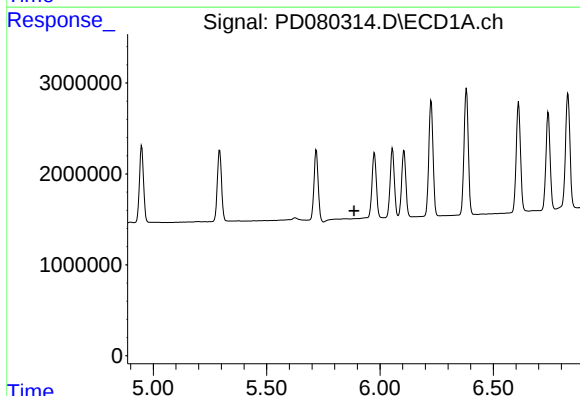
#21 Endrin ketone

R.T.: 7.680 min  
Delta R.T.: 0.000 min  
Response: 16674738  
Conc: 8.57 ng/ml



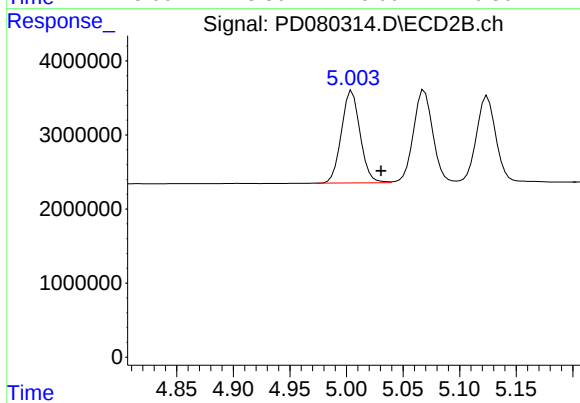
#21 Endrin ketone

R.T.: 6.864 min  
Delta R.T.: -0.001 min  
Response: 27981834  
Conc: 8.74 ng/ml



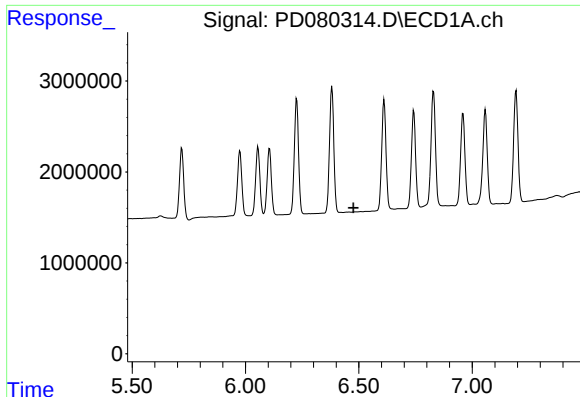
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T.: 5.886 min  
Response: 0  
Conc: N.D.



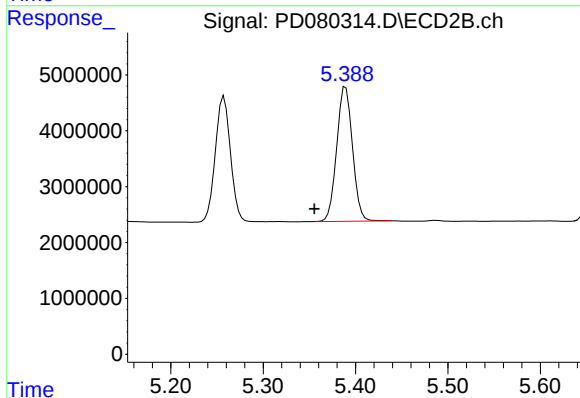
#22 Toxaphene-1

R.T.: 5.005 min  
Delta R.T.: -0.026 min  
Response: 14292980  
Conc: 838.36 ng/ml



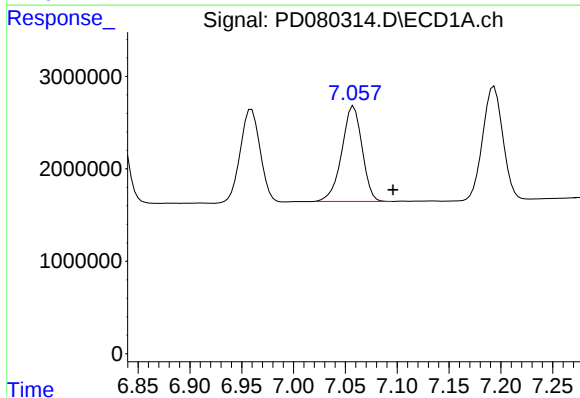
#23 Toxaphene-2

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



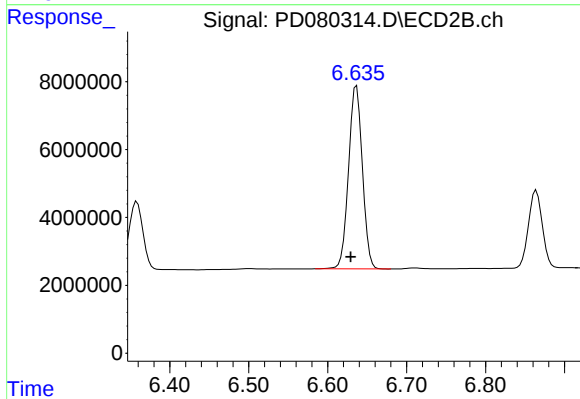
#23 Toxaphene-2

R.T.: 5.389 min  
Delta R.T.: 0.034 min  
Response: 28628949  
Conc: 1669.37 ng/ml



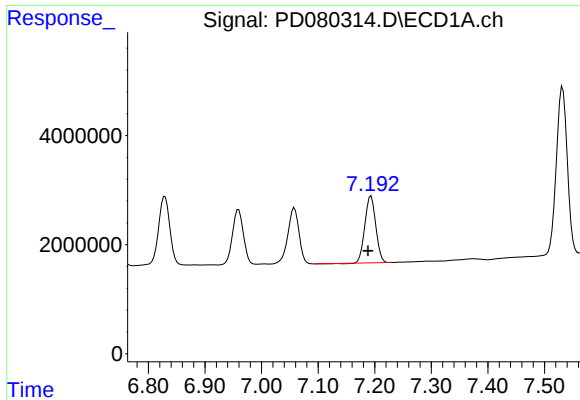
#24 Toxaphene-3

R.T.: 7.058 min  
Delta R.T.: -0.038 min  
Response: 14080574  
Conc: 270.03 ng/ml



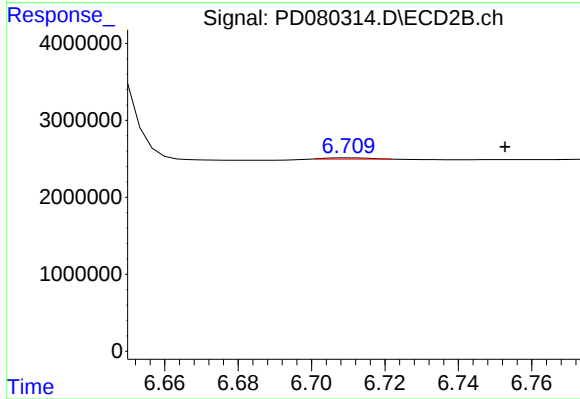
#24 Toxaphene-3

R.T.: 6.637 min  
Delta R.T.: 0.007 min  
Response: 65801696  
Conc: 1065.58 ng/ml



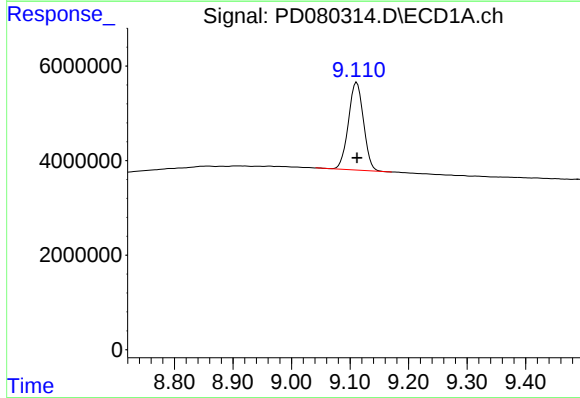
#25 Toxaphene-4

R.T.: 7.194 min  
Delta R.T.: 0.005 min  
Response: 16387973  
Conc: 418.05 ng/ml



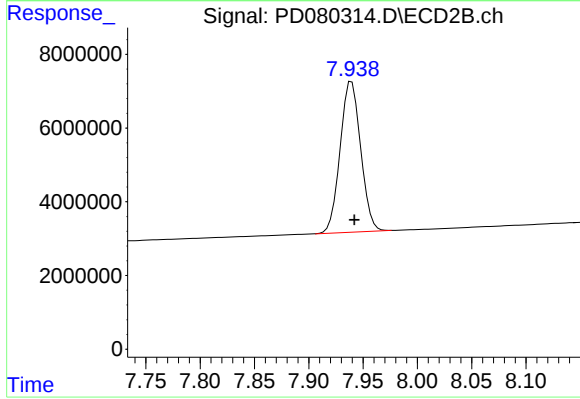
#25 Toxaphene-4

R.T.: 6.711 min  
Delta R.T.: -0.042 min  
Response: 134177  
Conc: 1.59 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.111 min  
Delta R.T.: 0.000 min  
Response: 33192291  
Conc: 20.65 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.939 min  
Delta R.T.: -0.003 min  
Response: 53852470  
Conc: 22.44 ng/ml