

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112023\  
 Data File : PD079733.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Nov 2023 19:18  
 Operator : AR\AJ  
 Sample : 05328-15MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 20 20:27:38 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110623CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 04 07:14:58 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

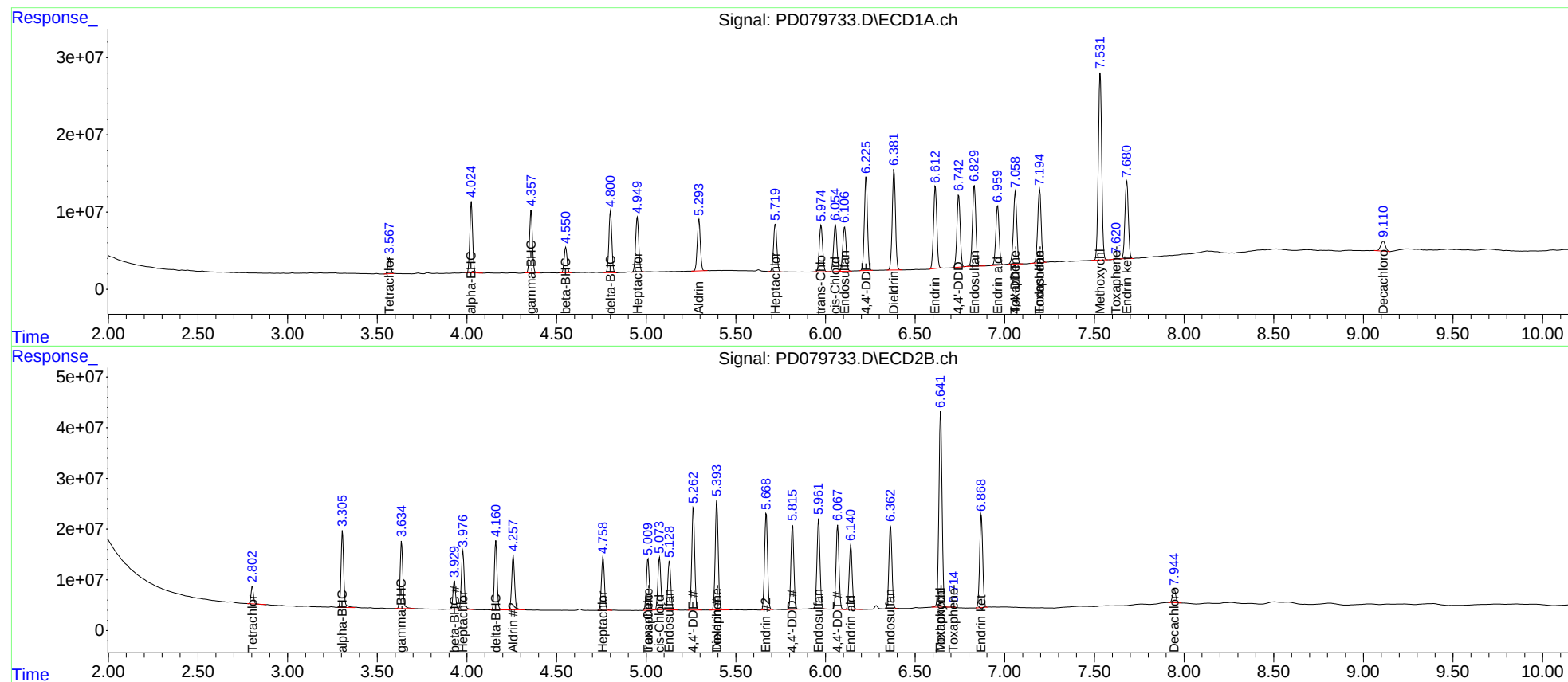
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.568  | 2.804  | 21297899 | 33088914 | 14.584   | 14.466     |
| 27)                         | SA Decachlor... | 9.112  | 7.946  | 23096549 | 33159242 | 13.015   | 13.889     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.025  | 3.306  | 98858644 | 153.3E6  | 39.900   | 42.281     |
| 3)                          | MA gamma-BHC... | 4.358  | 3.636  | 89598608 | 139.0E6  | 37.923   | 40.467     |
| 4)                          | MA Heptachlor   | 4.951  | 3.978  | 86588113 | 128.8E6  | 34.571   | 38.609     |
| 5)                          | MB Aldrin       | 5.295  | 4.259  | 80364059 | 122.7E6  | 34.270   | 37.713     |
| 6)                          | B beta-BHC      | 4.552  | 3.930  | 37124639 | 56982814 | 34.191   | 34.795     |
| 7)                          | B delta-BHC     | 4.801  | 4.162  | 90875756 | 141.3E6  | 36.468   | 39.561     |
| 8)                          | B Heptachlo...  | 5.720  | 4.760  | 79050589 | 121.0E6  | 35.658   | 39.116     |
| 9)                          | A Endosulfan I  | 6.107  | 5.130  | 75322632 | 109.8E6  | 36.437   | 39.596     |
| 10)                         | B trans-Chl...  | 5.976  | 5.011  | 76931129 | 117.1E6  | 36.157   | 39.435     |
| 11)                         | B cis-Chlor...  | 6.056  | 5.075  | 78260945 | 116.6E6  | 35.933   | 38.427     |
| 12)                         | B 4,4'-DDE      | 6.227  | 5.263  | 149.2E6  | 231.7E6  | 75.549   | 82.747     |
| 13)                         | MA Dieldrin     | 6.382  | 5.394  | 162.8E6  | 252.6E6  | 73.999   | 79.343     |
| 14)                         | MA Endrin       | 6.613  | 5.670  | 136.2E6  | 221.4E6  | 74.670   | 80.824     |
| 15)                         | B Endosulfa...  | 6.830  | 5.962  | 137.4E6  | 207.5E6  | 72.210   | 79.898     |
| 16)                         | A 4,4'-DDD      | 6.743  | 5.817  | 118.9E6  | 190.1E6  | 73.399   | 80.737     |
| 17)                         | MA 4,4'-DDT     | 7.059  | 6.068  | 123.0E6  | 191.8E6  | 72.172   | 79.836     |
| 18)                         | B Endrin al...  | 6.960  | 6.142  | 98672674 | 152.4E6  | 66.201   | 75.303     |
| 19)                         | B Endosulfa...  | 7.195  | 6.363  | 126.0E6  | 194.6E6  | 67.686   | 78.313     |
| 20)                         | A Methoxychlor  | 7.532  | 6.643  | 315.2E6  | 474.2E6  | 341.944  | 368.947    |
| 21)                         | B Endrin ke...  | 7.681  | 6.869  | 131.6E6  | 218.5E6  | 67.354   | 76.843     |
| 22)                         | Toxaphene-1     | 0.000  | 5.011  | 0        | 117.1E6  | N.D.     | 7001.437   |
| 23)                         | Toxaphene-2     | 0.000  | 5.394  | 0        | 252.6E6  | N.D.     | 15034.492  |
| 24)                         | Toxaphene-3     | 7.059f | 6.643  | 123.0E6  | 474.2E6  | 2189.493 | 8235.454 # |
| 25)                         | Toxaphene-4     | 7.195  | 6.715f | 126.0E6  | 1113522  | 3006.371 | 14.147 #   |
| 26)                         | Toxaphene-5     | 7.622  | 0.000  | 1268265  | 0        | 40.297   | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

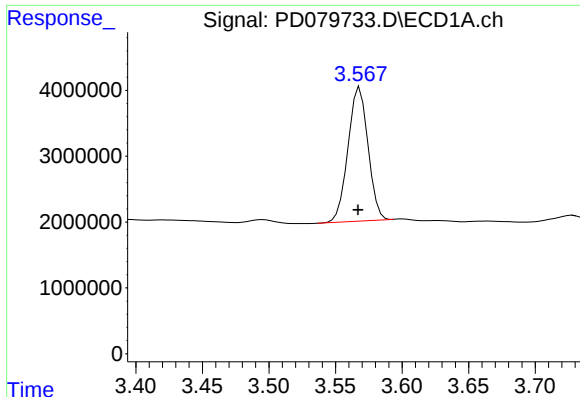
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112023\  
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Acq On : 20 Nov 2023 19:18  
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Quant Time: Nov 20 20:27:38 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110623CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 04 07:14:58 2023  
Response via : Initial Calibration  
Integrator: ChemStation

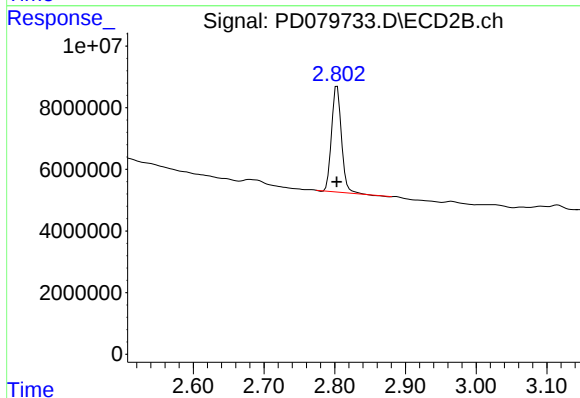
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





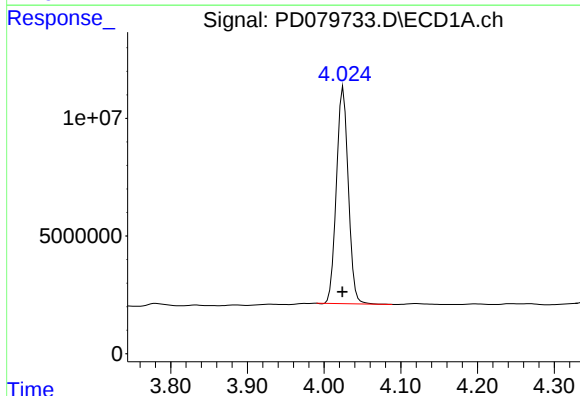
#1 Tetrachloro-m-xylene

R.T.: 3.568 min  
Delta R.T.: 0.001 min  
Response: 21297899  
Conc: 14.58 ng/ml



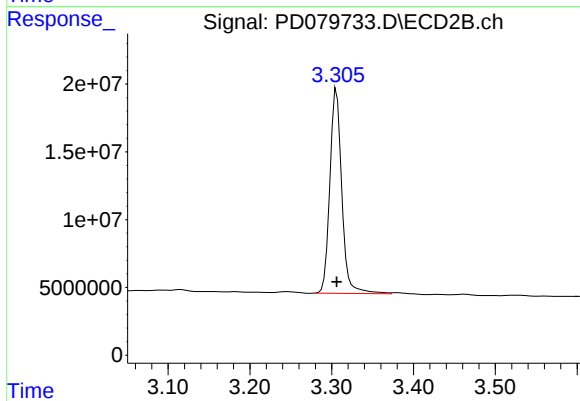
#1 Tetrachloro-m-xylene

R.T.: 2.804 min  
Delta R.T.: 0.000 min  
Response: 33088914  
Conc: 14.47 ng/ml



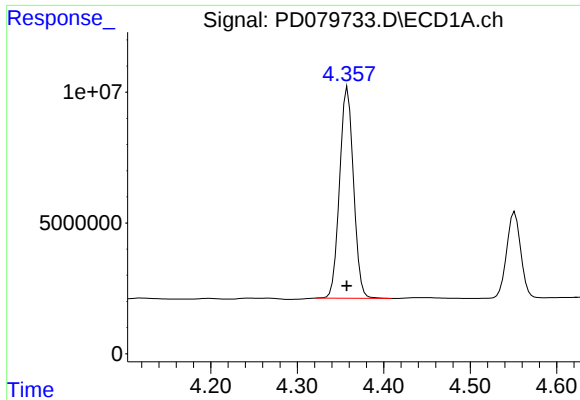
#2 alpha-BHC

R.T.: 4.025 min  
Delta R.T.: 0.000 min  
Response: 98858644  
Conc: 39.90 ng/ml



#2 alpha-BHC

R.T.: 3.306 min  
Delta R.T.: 0.000 min  
Response: 153303202  
Conc: 42.28 ng/ml



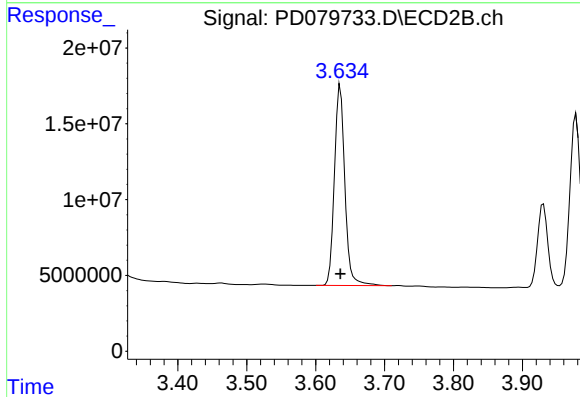
#3 gamma-BHC (Lindane)

R.T.: 4.358 min

Delta R.T.: 0.001 min

Response: 89598608

Conc: 37.92 ng/ml



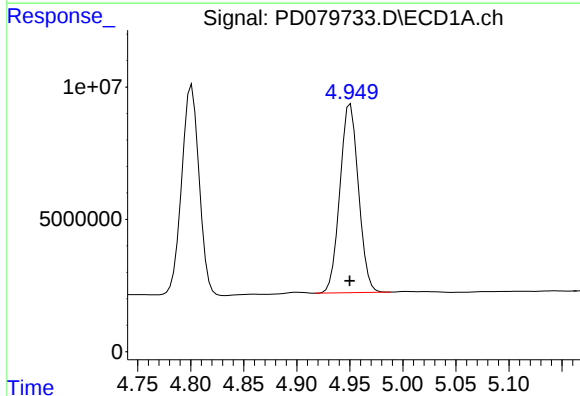
#3 gamma-BHC (Lindane)

R.T.: 3.636 min

Delta R.T.: 0.000 min

Response: 139025116

Conc: 40.47 ng/ml



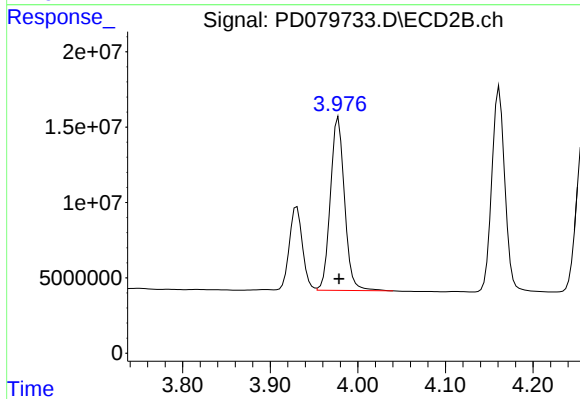
#4 Heptachlor

R.T.: 4.951 min

Delta R.T.: 0.000 min

Response: 86588113

Conc: 34.57 ng/ml



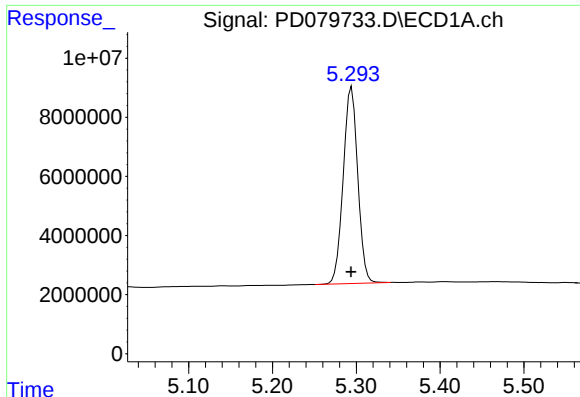
#4 Heptachlor

R.T.: 3.978 min

Delta R.T.: 0.000 min

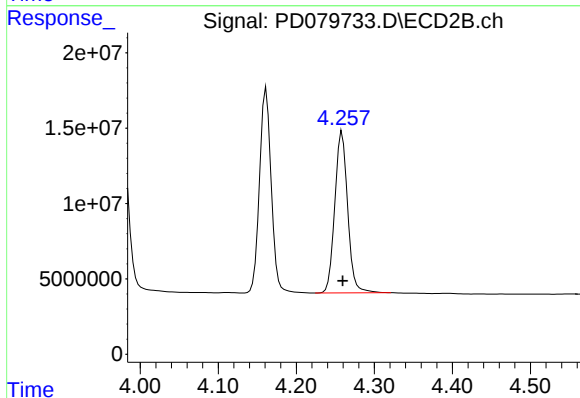
Response: 128809892

Conc: 38.61 ng/ml



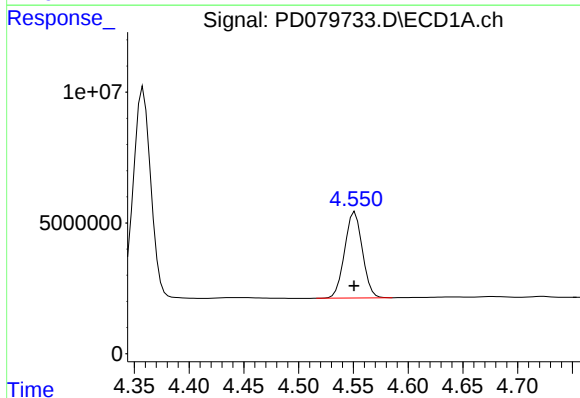
#5 Aldrin

R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 80364059  
Conc: 34.27 ng/ml



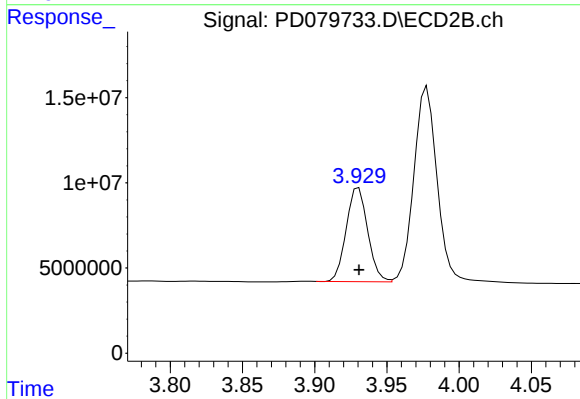
#5 Aldrin

R.T.: 4.259 min  
Delta R.T.: 0.000 min  
Response: 122712456  
Conc: 37.71 ng/ml



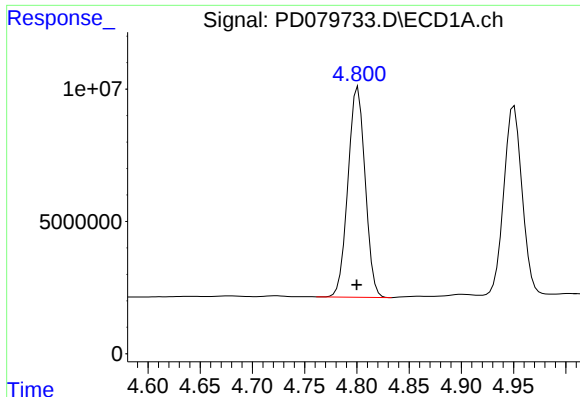
#6 beta-BHC

R.T.: 4.552 min  
Delta R.T.: 0.000 min  
Response: 37124639  
Conc: 34.19 ng/ml



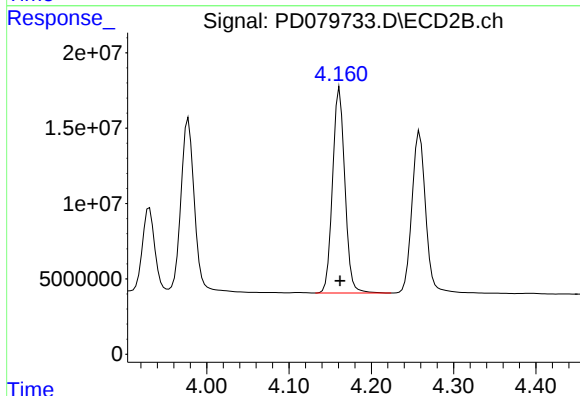
#6 beta-BHC

R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 56982814  
Conc: 34.80 ng/ml



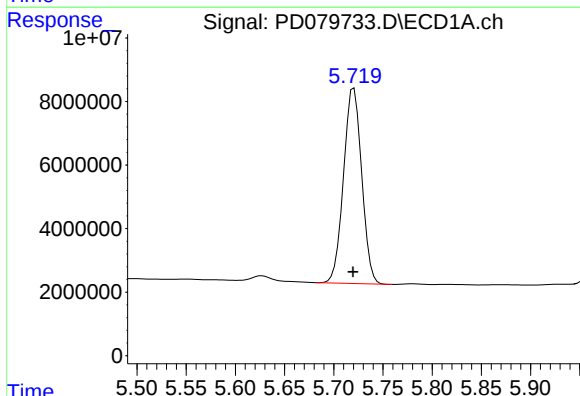
#7 delta-BHC

R.T.: 4.801 min  
Delta R.T.: 0.001 min  
Response: 90875756  
Conc: 36.47 ng/ml



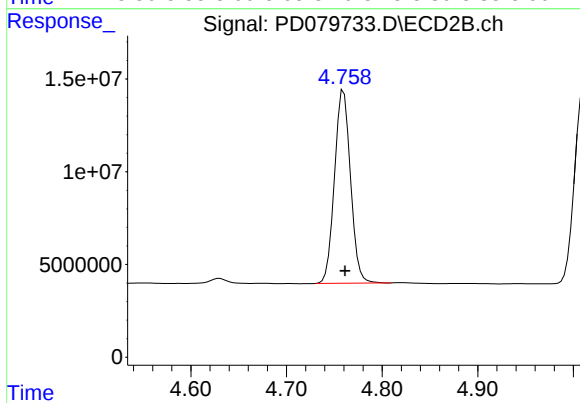
#7 delta-BHC

R.T.: 4.162 min  
Delta R.T.: 0.000 min  
Response: 141348848  
Conc: 39.56 ng/ml



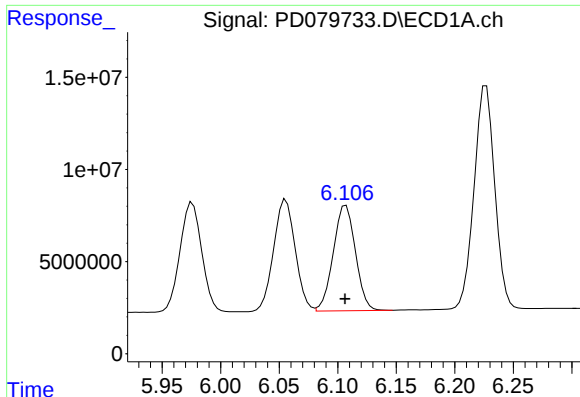
#8 Heptachlor epoxide

R.T.: 5.720 min  
Delta R.T.: 0.000 min  
Response: 79050589  
Conc: 35.66 ng/ml



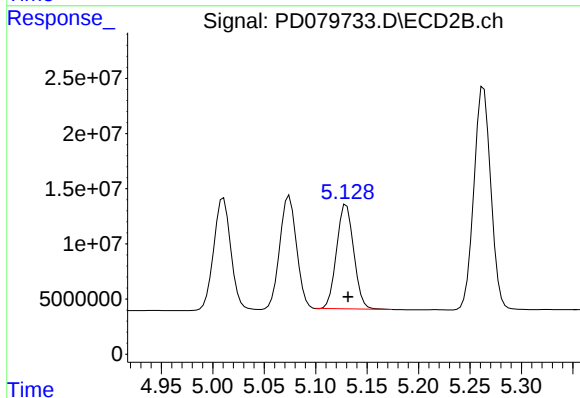
#8 Heptachlor epoxide

R.T.: 4.760 min  
Delta R.T.: -0.002 min  
Response: 120989100  
Conc: 39.12 ng/ml



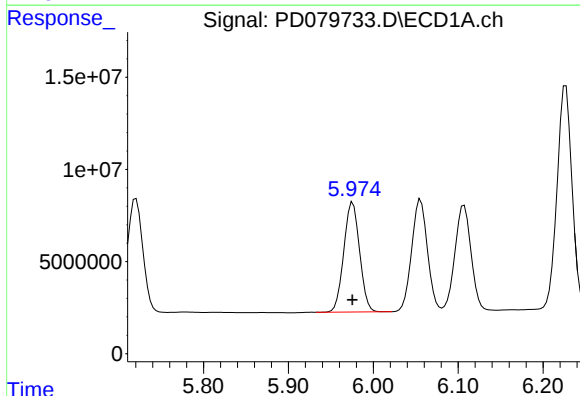
#9 Endosulfan I

R.T.: 6.107 min  
Delta R.T.: 0.000 min  
Response: 75322632  
Conc: 36.44 ng/ml



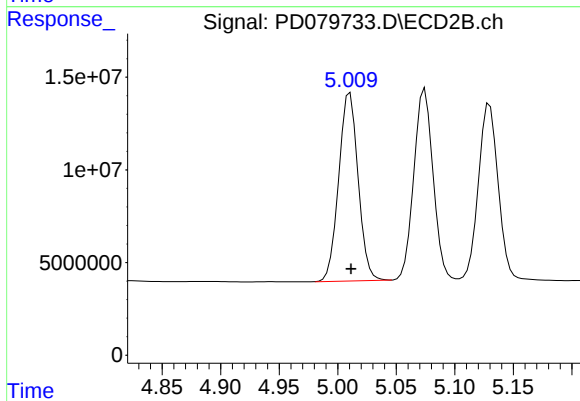
#9 Endosulfan I

R.T.: 5.130 min  
Delta R.T.: -0.002 min  
Response: 109771183  
Conc: 39.60 ng/ml



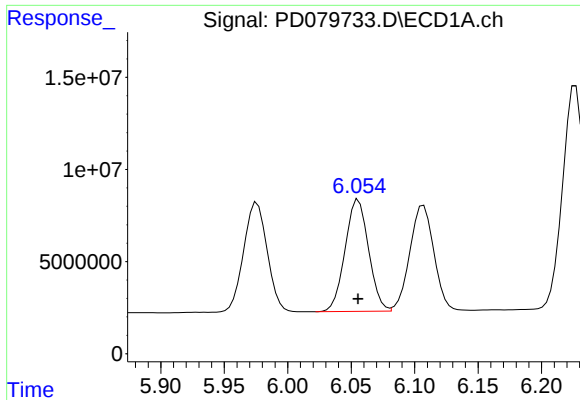
#10 trans-Chlordane

R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 76931129  
Conc: 36.16 ng/ml



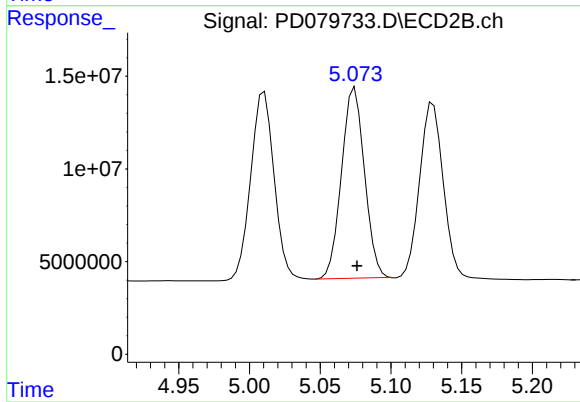
#10 trans-Chlordane

R.T.: 5.011 min  
Delta R.T.: 0.000 min  
Response: 117070402  
Conc: 39.43 ng/ml



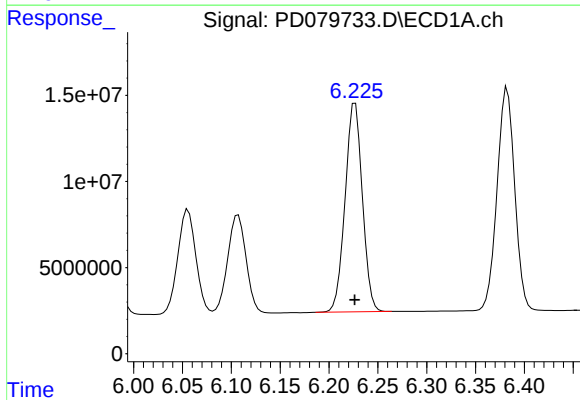
#11 cis-Chlordane

R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 78260945  
Conc: 35.93 ng/ml



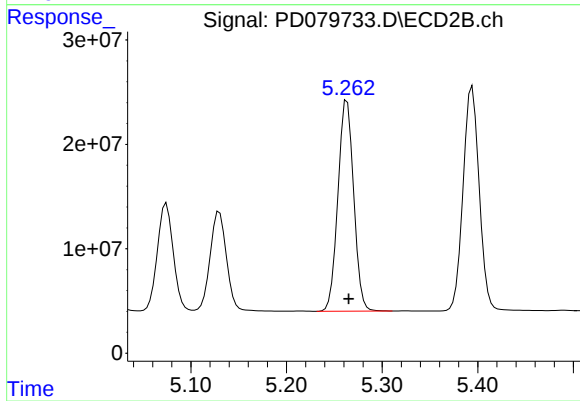
#11 cis-Chlordane

R.T.: 5.075 min  
Delta R.T.: -0.001 min  
Response: 116644878  
Conc: 38.43 ng/ml



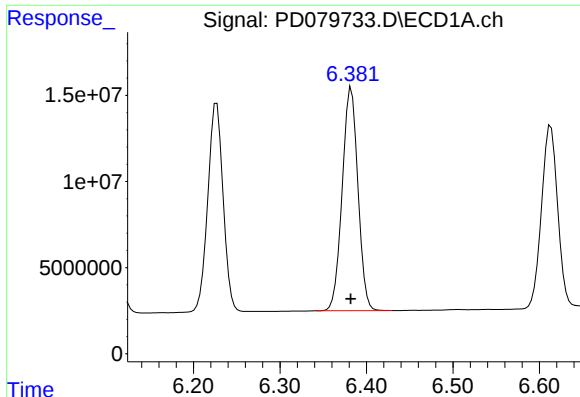
#12 4,4'-DDE

R.T.: 6.227 min  
Delta R.T.: 0.000 min  
Response: 149152288  
Conc: 75.55 ng/ml



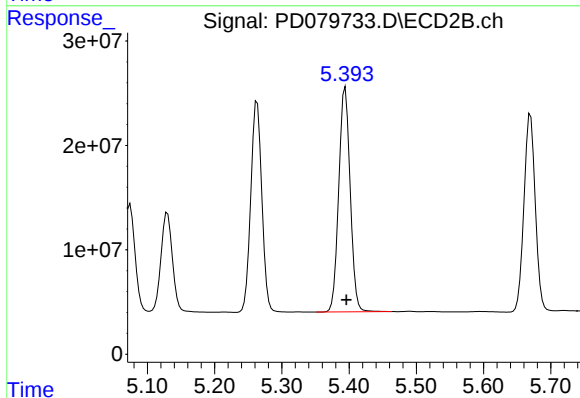
#12 4,4'-DDE

R.T.: 5.263 min  
Delta R.T.: -0.002 min  
Response: 231703506  
Conc: 82.75 ng/ml



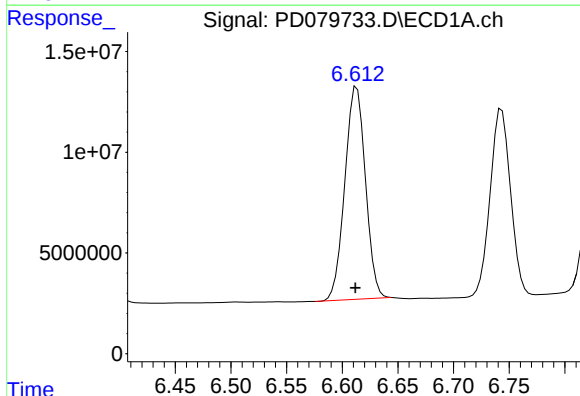
#13 Dieldrin

R.T.: 6.382 min  
Delta R.T.: 0.000 min  
Response: 162786377  
Conc: 74.00 ng/ml



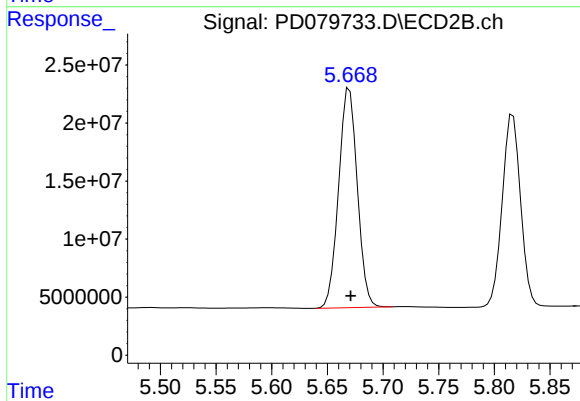
#13 Dieldrin

R.T.: 5.394 min  
Delta R.T.: -0.002 min  
Response: 252647077  
Conc: 79.34 ng/ml



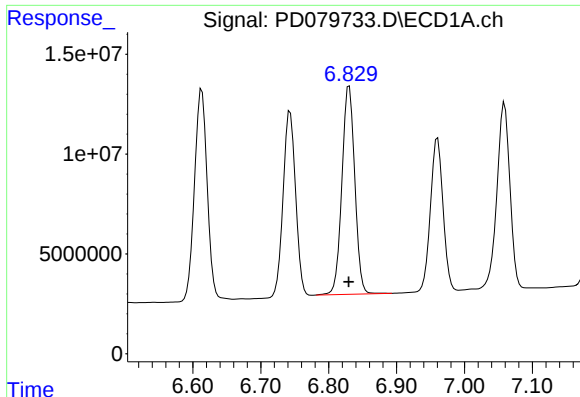
#14 Endrin

R.T.: 6.613 min  
Delta R.T.: 0.001 min  
Response: 136239308  
Conc: 74.67 ng/ml



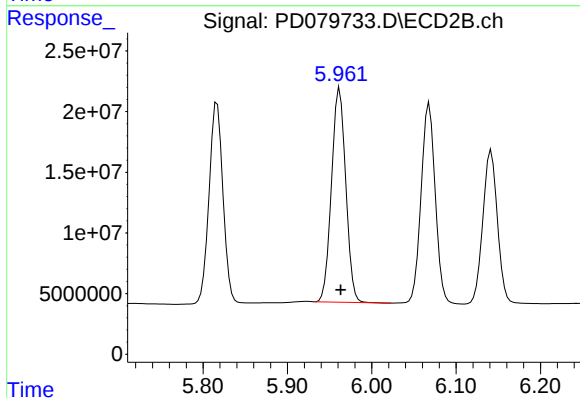
#14 Endrin

R.T.: 5.670 min  
Delta R.T.: -0.001 min  
Response: 221356945  
Conc: 80.82 ng/ml



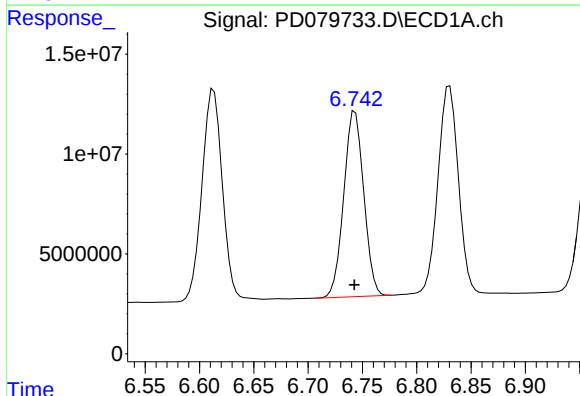
#15 Endosulfan II

R.T.: 6.830 min  
Delta R.T.: 0.000 min  
Response: 137377180  
Conc: 72.21 ng/ml



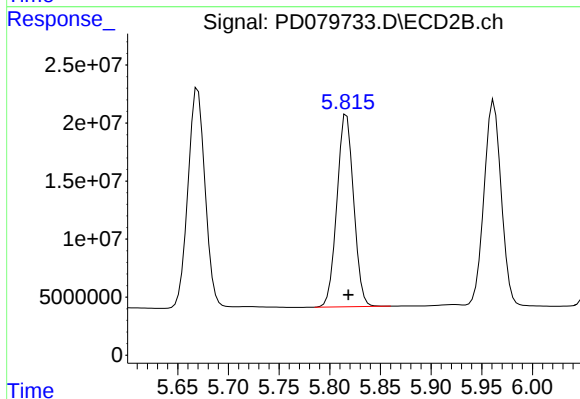
#15 Endosulfan II

R.T.: 5.962 min  
Delta R.T.: -0.001 min  
Response: 207505735  
Conc: 79.90 ng/ml



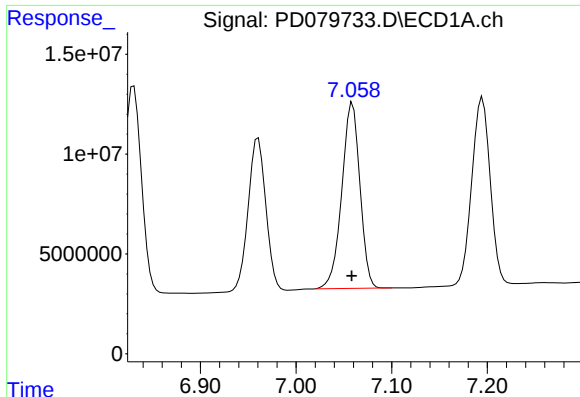
#16 4,4'-DDD

R.T.: 6.743 min  
Delta R.T.: 0.000 min  
Response: 118901394  
Conc: 73.40 ng/ml



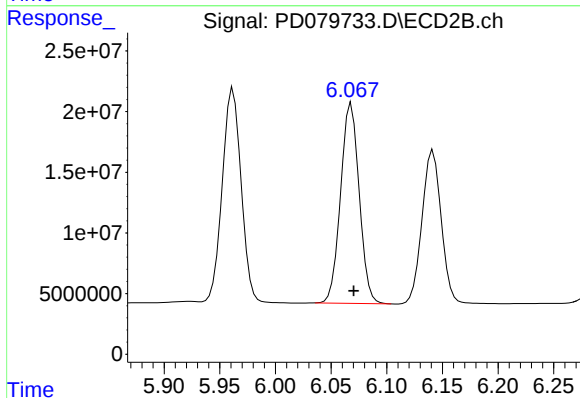
#16 4,4'-DDD

R.T.: 5.817 min  
Delta R.T.: -0.002 min  
Response: 190066493  
Conc: 80.74 ng/ml



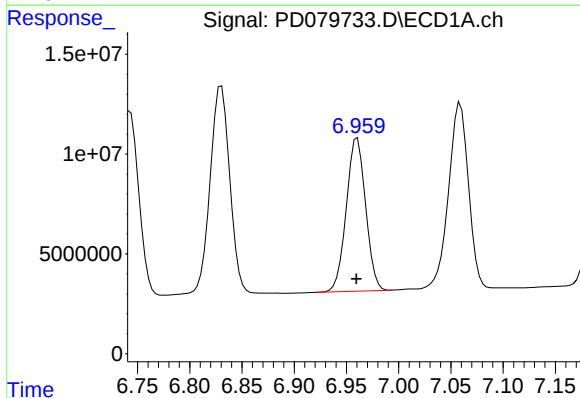
#17 4,4'-DDT

R.T.: 7.059 min  
Delta R.T.: 0.001 min  
Response: 122957824  
Conc: 72.17 ng/ml



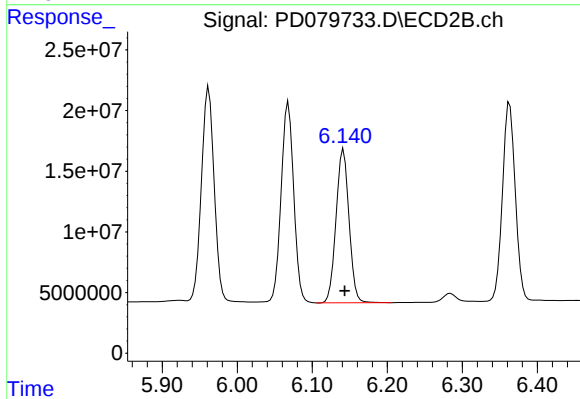
#17 4,4'-DDT

R.T.: 6.068 min  
Delta R.T.: -0.002 min  
Response: 191772463  
Conc: 79.84 ng/ml



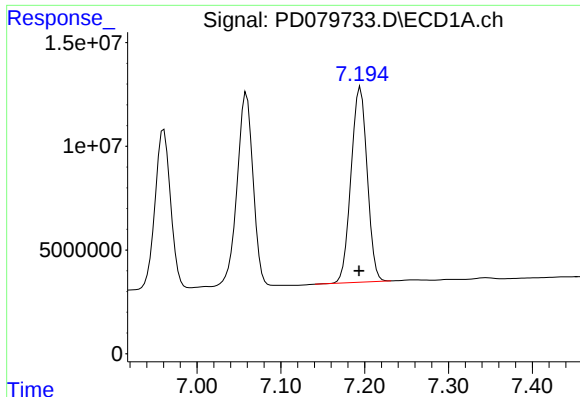
#18 Endrin aldehyde

R.T.: 6.960 min  
Delta R.T.: 0.000 min  
Response: 98672674  
Conc: 66.20 ng/ml



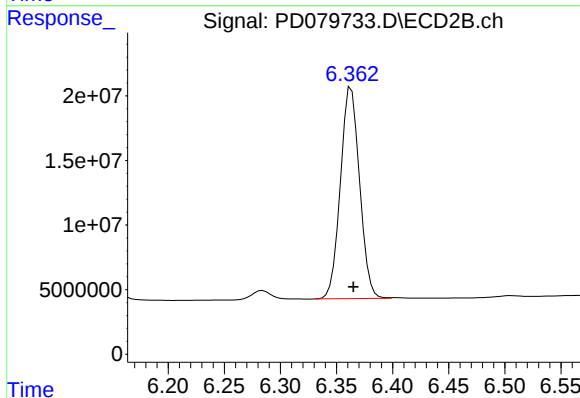
#18 Endrin aldehyde

R.T.: 6.142 min  
Delta R.T.: -0.001 min  
Response: 152386114  
Conc: 75.30 ng/ml



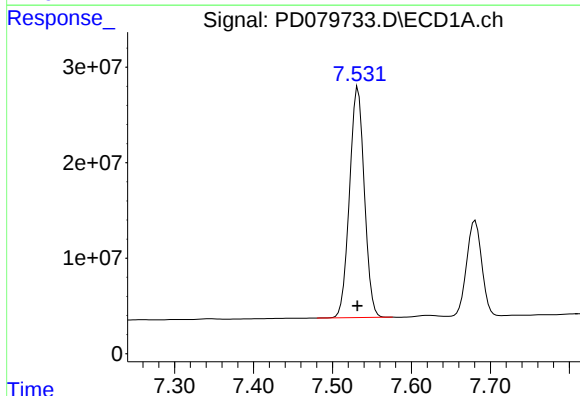
#19 Endosulfan Sulfate

R.T.: 7.195 min  
Delta R.T.: 0.002 min  
Response: 126031361  
Conc: 67.69 ng/ml



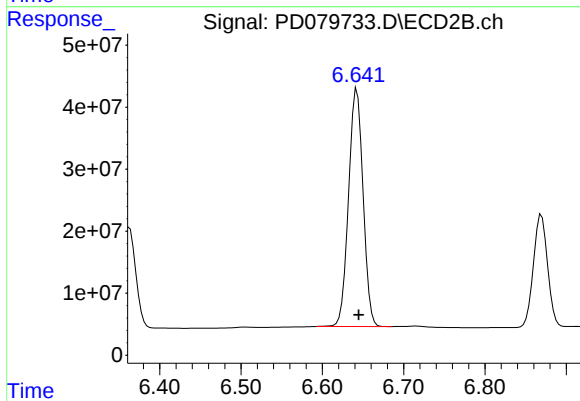
#19 Endosulfan Sulfate

R.T.: 6.363 min  
Delta R.T.: -0.002 min  
Response: 194593017  
Conc: 78.31 ng/ml



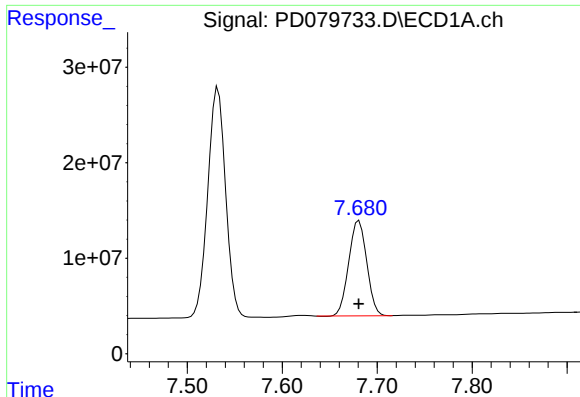
#20 Methoxychlor

R.T.: 7.532 min  
Delta R.T.: 0.000 min  
Response: 315222978  
Conc: 341.94 ng/ml



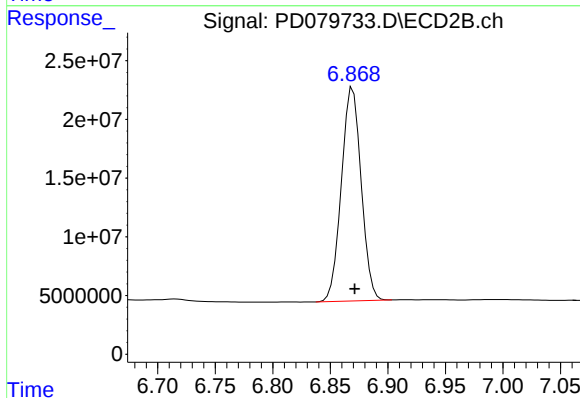
#20 Methoxychlor

R.T.: 6.643 min  
Delta R.T.: -0.002 min  
Response: 474234422  
Conc: 368.95 ng/ml



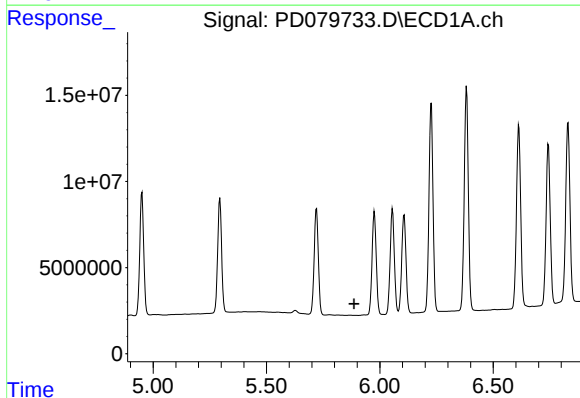
#21 Endrin ketone

R.T.: 7.681 min  
Delta R.T.: 0.000 min  
Response: 131594488  
Conc: 67.35 ng/ml



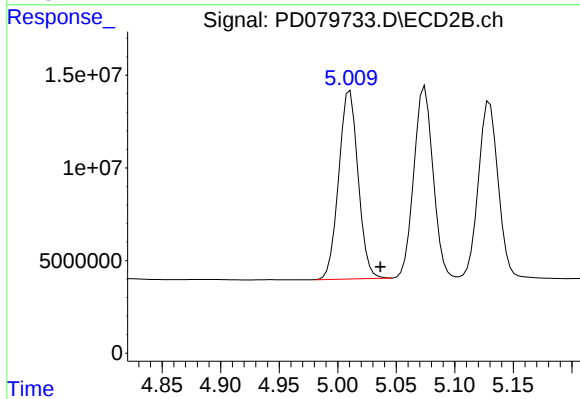
#21 Endrin ketone

R.T.: 6.869 min  
Delta R.T.: -0.002 min  
Response: 218464379  
Conc: 76.84 ng/ml



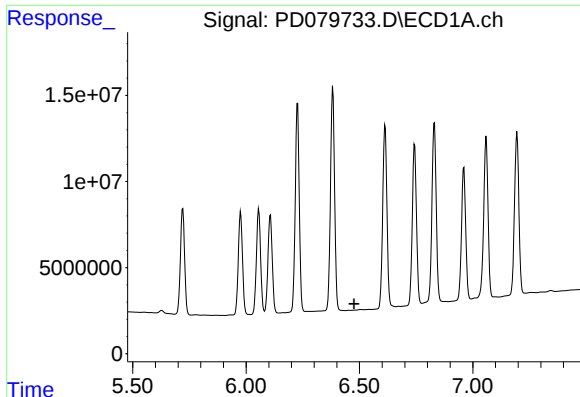
#22 Toxaphene-1

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



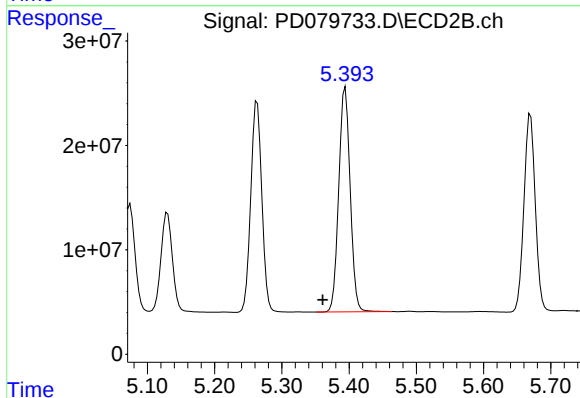
#22 Toxaphene-1

R.T.: 5.011 min  
Delta R.T.: -0.026 min  
Response: 117070402  
Conc: 7001.44 ng/ml



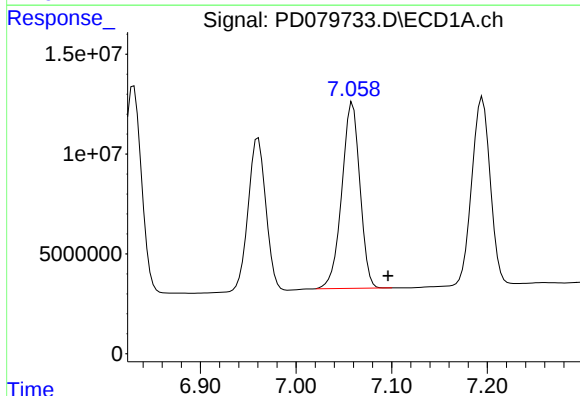
#23 Toxaphene-2

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



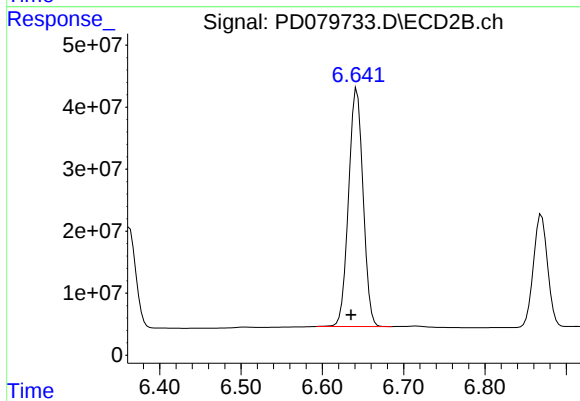
#23 Toxaphene-2

R.T.: 5.394 min  
Delta R.T.: 0.033 min  
Response: 252647077  
Conc: 15034.49 ng/ml



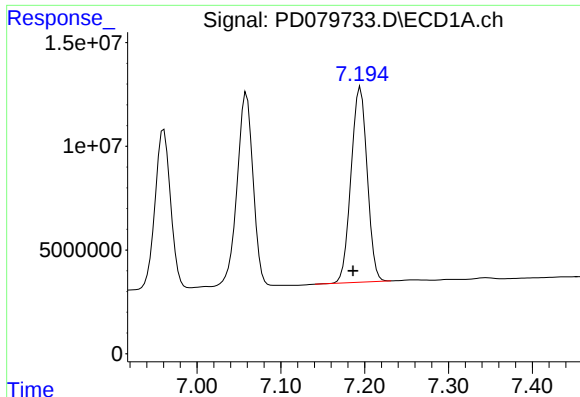
#24 Toxaphene-3

R.T.: 7.059 min  
Delta R.T.: -0.037 min  
Response: 122957824  
Conc: 2189.49 ng/ml



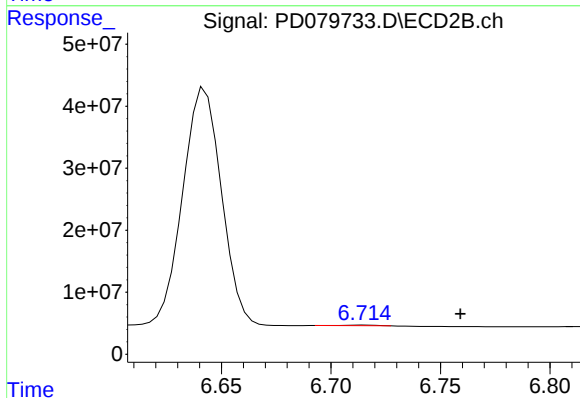
#24 Toxaphene-3

R.T.: 6.643 min  
Delta R.T.: 0.007 min  
Response: 474234422  
Conc: 8235.45 ng/ml



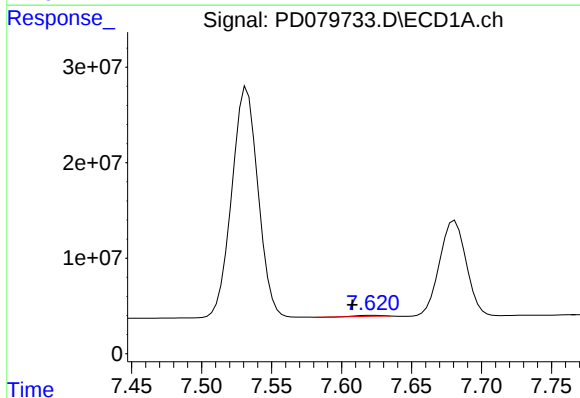
#25 Toxaphene-4

R.T.: 7.195 min  
Delta R.T.: 0.009 min  
Response: 126031361  
Conc: 3006.37 ng/ml



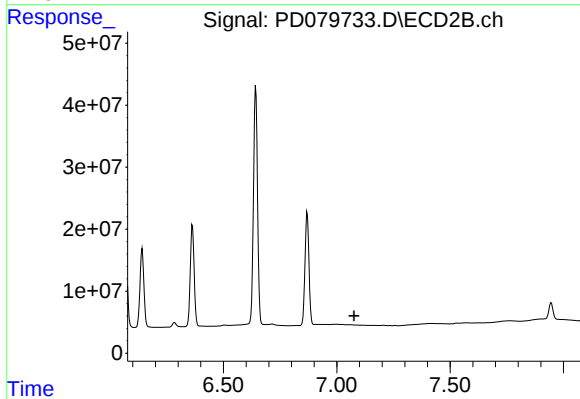
#25 Toxaphene-4

R.T.: 6.715 min  
Delta R.T.: -0.044 min  
Response: 1113522  
Conc: 14.15 ng/ml



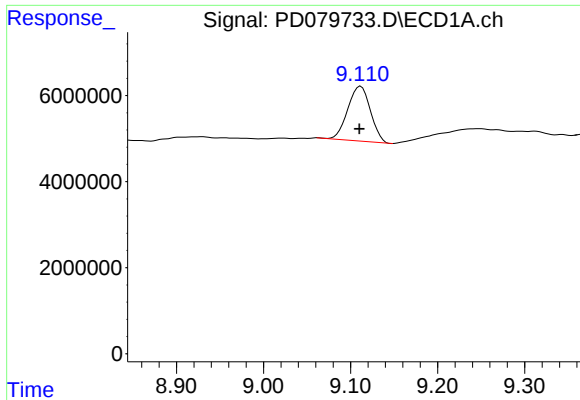
#26 Toxaphene-5

R.T.: 7.622 min  
Delta R.T.: 0.014 min  
Response: 1268265  
Conc: 40.30 ng/ml



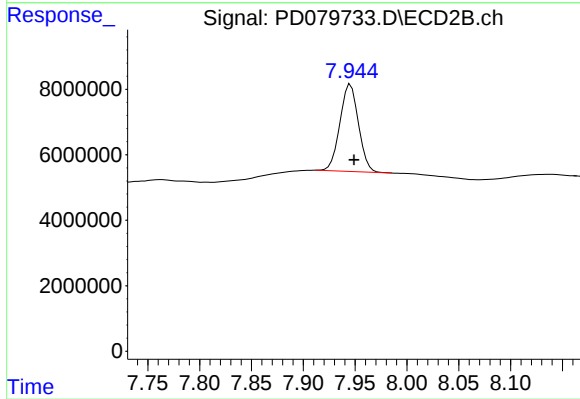
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T.: 7.076 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.112 min  
Delta R.T.: 0.001 min  
Response: 23096549  
Conc: 13.02 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.946 min  
Delta R.T.: -0.004 min  
Response: 33159242  
Conc: 13.89 ng/ml