

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110423\  
 Data File : PD079387.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Nov 2023 10:41  
 Operator : AR\AJ  
 Sample : PB156563BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 02 21:29:10 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101723CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 17 09:38:01 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

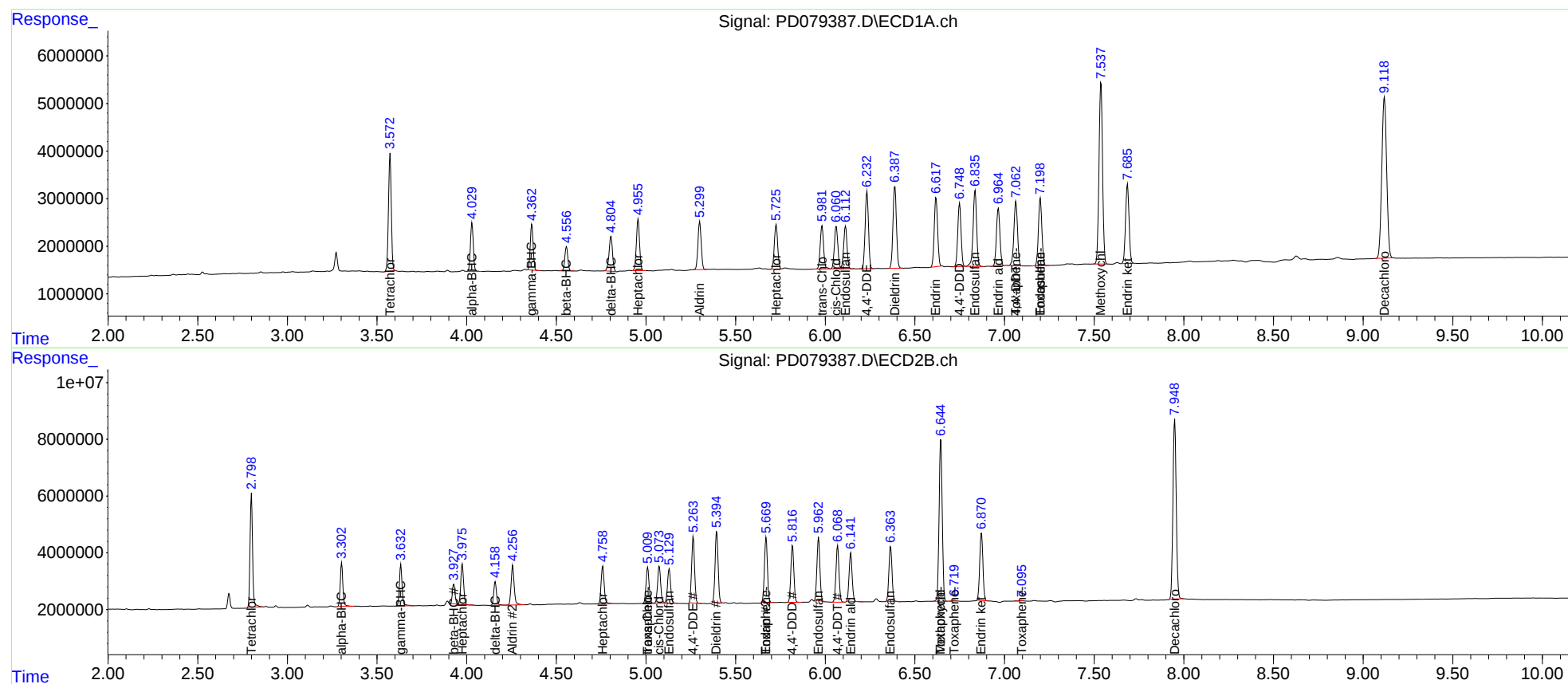
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.573  | 2.800  | 26806862 | 39005472 | 17.479  | 17.987     |
| 27)                         | SA Decachlor... | 9.119  | 7.949  | 64074705 | 80973045 | 33.783  | 34.718     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.030  | 3.303  | 11400199 | 15517714 | 4.375   | 4.551      |
| 3)                          | MA gamma-BHC... | 4.364  | 3.633  | 10657028 | 15389131 | 4.282   | 4.761      |
| 4)                          | MA Heptachlor   | 4.957  | 3.976  | 13340226 | 15578356 | 5.007   | 5.123      |
| 5)                          | MB Aldrin       | 5.300  | 4.257  | 12696509 | 16652678 | 5.135   | 5.405      |
| 6)                          | B beta-BHC      | 4.557  | 3.929  | 5868298  | 6948187  | 5.146   | 4.804      |
| 7)                          | B delta-BHC     | 4.805  | 4.160  | 9903813  | 8800806  | 3.775   | 2.684 #    |
| 8)                          | B Heptachlo...  | 5.726  | 4.759  | 12071515 | 15584474 | 5.027   | 5.400      |
| 9)                          | A Endosulfan I  | 6.113  | 5.130  | 11592323 | 14701772 | 5.411   | 5.789      |
| 10)                         | B trans-Chl...  | 5.982  | 5.010  | 11966113 | 15116222 | 5.402   | 5.458      |
| 11)                         | B cis-Chlor...  | 6.062  | 5.075  | 12006350 | 15873452 | 5.282   | 5.606      |
| 12)                         | B 4,4'-DDE      | 6.233  | 5.264  | 20988612 | 26731589 | 10.189  | 10.222     |
| 13)                         | MA Dieldrin     | 6.389  | 5.395  | 23094266 | 29534453 | 10.166  | 10.028     |
| 14)                         | MA Endrin       | 6.618  | 5.670  | 19073533 | 26457146 | 10.075  | 10.485     |
| 15)                         | B Endosulfa...  | 6.836  | 5.963  | 21866117 | 25188555 | 11.027  | 10.586     |
| 16)                         | A 4,4'-DDD      | 6.750  | 5.818  | 16956361 | 23097278 | 10.088  | 10.457     |
| 17)                         | MA 4,4'-DDT     | 7.064  | 6.070  | 18879794 | 23469274 | 10.544  | 10.417     |
| 18)                         | B Endrin al...  | 6.966  | 6.143  | 16383296 | 20039768 | 10.802  | 10.814     |
| 19)                         | B Endosulfa...  | 7.200  | 6.365  | 18968647 | 23130992 | 9.870   | 10.036     |
| 20)                         | A Methoxychlor  | 7.538  | 6.645  | 52372695 | 69954168 | 54.595  | 57.373     |
| 21)                         | B Endrin ke...  | 7.686  | 6.872  | 22618875 | 29437358 | 10.826  | 11.154     |
| 22)                         | Toxaphene-1     | 0.000  | 5.010  | 0        | 15116222 | N.D.    | 978.919    |
| 23)                         | Toxaphene-2     | 0.000  | 5.670f | 0        | 26457146 | N.D.    | 1610.366   |
| 24)                         | Toxaphene-3     | 7.064f | 6.645  | 18879794 | 69954168 | 327.006 | 1336.778 # |
| 25)                         | Toxaphene-4     | 7.200  | 6.720f | 18968647 | 297117   | 439.885 | 4.137 #    |
| 26)                         | Toxaphene-5     | 0.000  | 7.096  | 0        | 100792   | N.D.    | 3.254      |
| -----                       |                 |        |        |          |          |         |            |

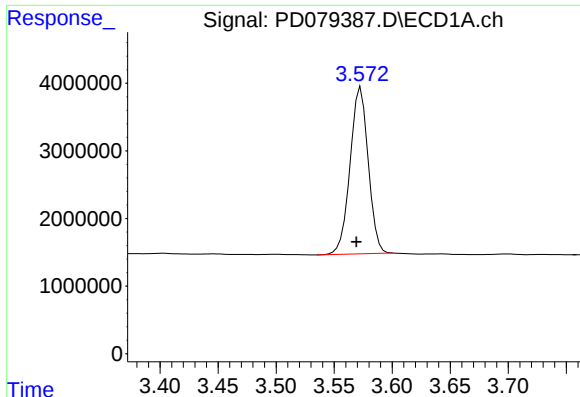
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110423\  
Data File : PD079387.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Nov 2023 10:41  
Operator : AR\AJ  
Sample : PB156563BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 02 21:29:10 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101723CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 17 09:38:01 2023  
Response via : Initial Calibration  
Integrator: ChemStation

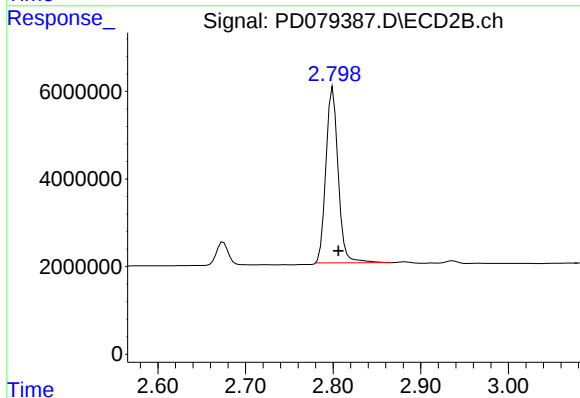
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





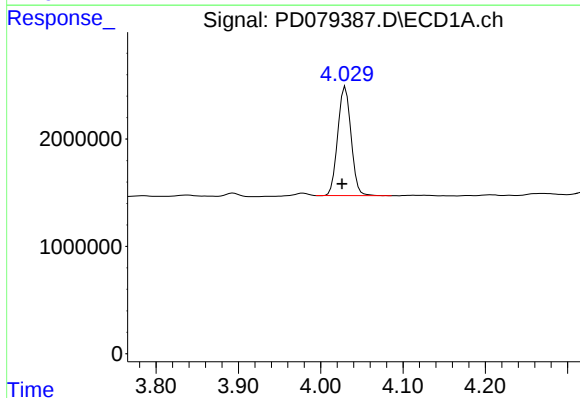
#1 Tetrachloro-m-xylene

R.T.: 3.573 min  
Delta R.T.: 0.004 min  
Response: 26806862  
Conc: 17.48 ng/ml



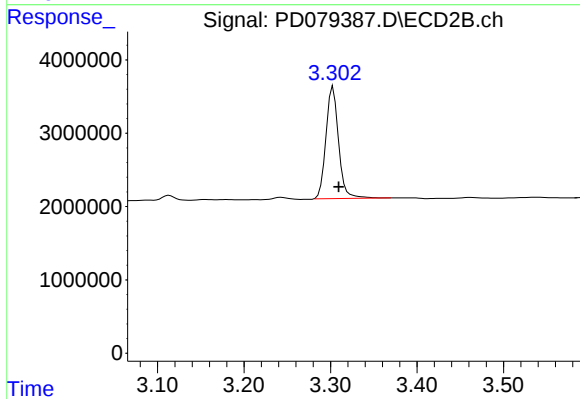
#1 Tetrachloro-m-xylene

R.T.: 2.800 min  
Delta R.T.: -0.006 min  
Response: 39005472  
Conc: 17.99 ng/ml



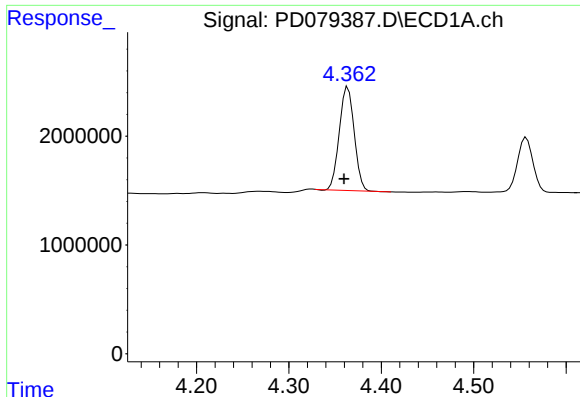
#2 alpha-BHC

R.T.: 4.030 min  
Delta R.T.: 0.004 min  
Response: 11400199  
Conc: 4.38 ng/ml



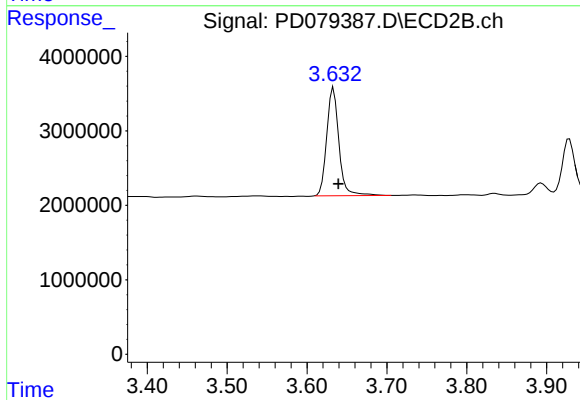
#2 alpha-BHC

R.T.: 3.303 min  
Delta R.T.: -0.006 min  
Response: 15517714  
Conc: 4.55 ng/ml



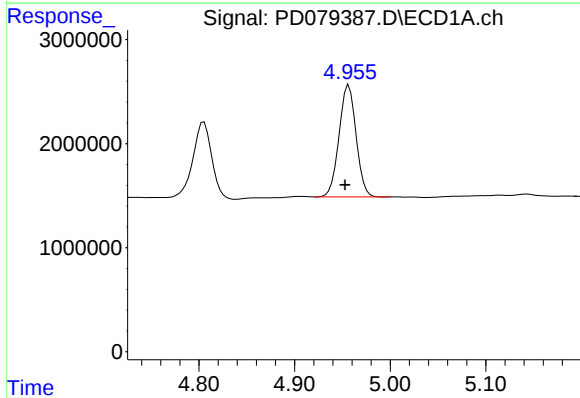
#3 gamma-BHC (Lindane)

R.T.: 4.364 min  
Delta R.T.: 0.004 min  
Response: 10657028  
Conc: 4.28 ng/ml



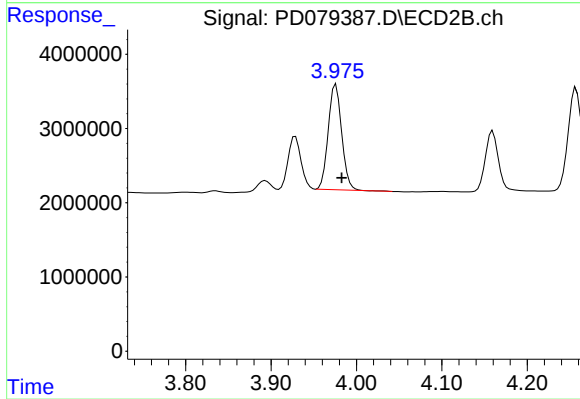
#3 gamma-BHC (Lindane)

R.T.: 3.633 min  
Delta R.T.: -0.006 min  
Response: 15389131  
Conc: 4.76 ng/ml



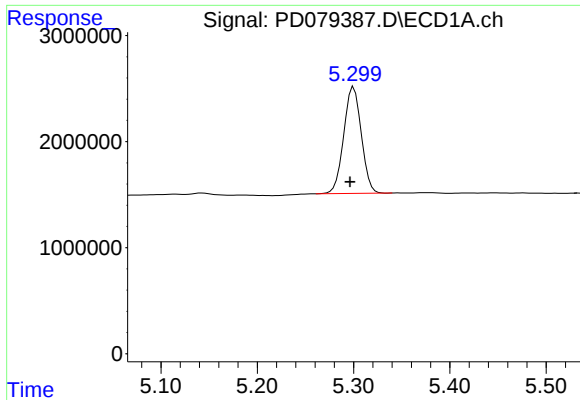
#4 Heptachlor

R.T.: 4.957 min  
Delta R.T.: 0.004 min  
Response: 13340226  
Conc: 5.01 ng/ml



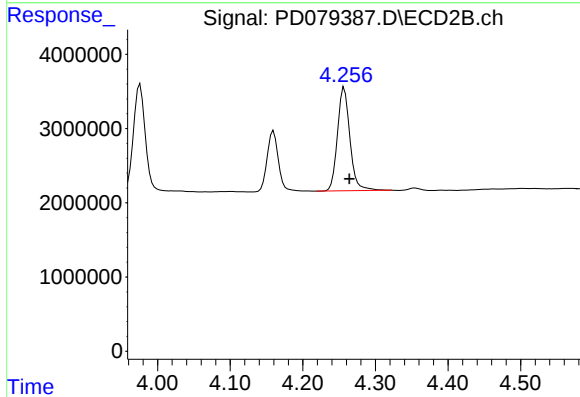
#4 Heptachlor

R.T.: 3.976 min  
Delta R.T.: -0.007 min  
Response: 15578356  
Conc: 5.12 ng/ml



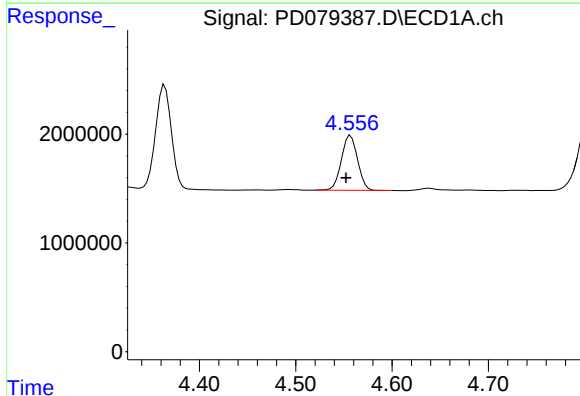
#5 Aldrin

R.T.: 5.300 min  
Delta R.T.: 0.004 min  
Response: 12696509  
Conc: 5.14 ng/ml



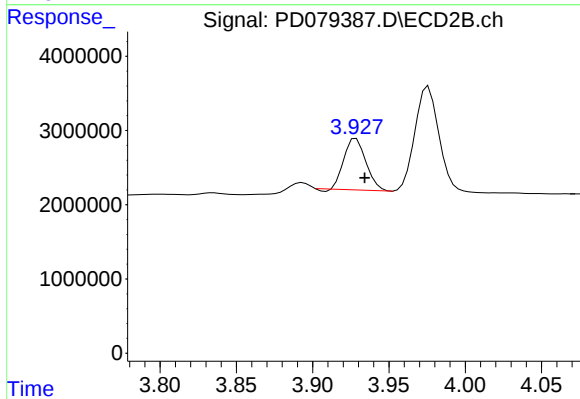
#5 Aldrin

R.T.: 4.257 min  
Delta R.T.: -0.007 min  
Response: 16652678  
Conc: 5.41 ng/ml



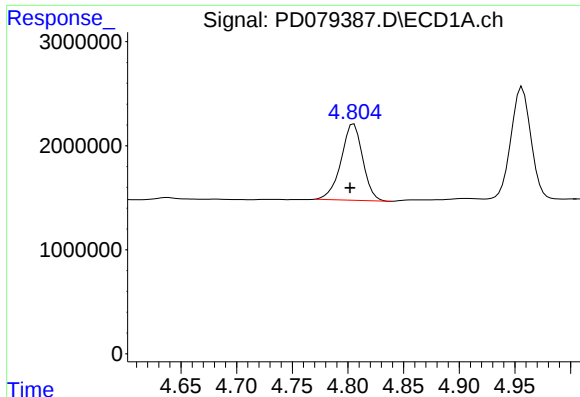
#6 beta-BHC

R.T.: 4.557 min  
Delta R.T.: 0.005 min  
Response: 5868298  
Conc: 5.15 ng/ml



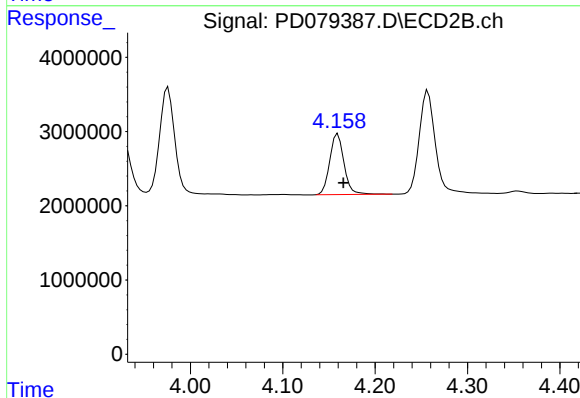
#6 beta-BHC

R.T.: 3.929 min  
Delta R.T.: -0.006 min  
Response: 6948187  
Conc: 4.80 ng/ml



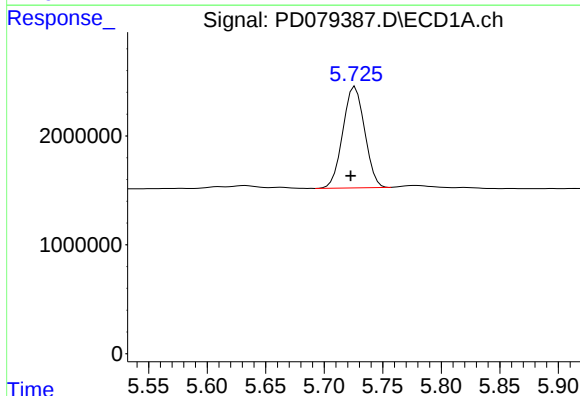
#7 delta-BHC

R.T.: 4.805 min  
Delta R.T.: 0.004 min  
Response: 9903813  
Conc: 3.77 ng/ml



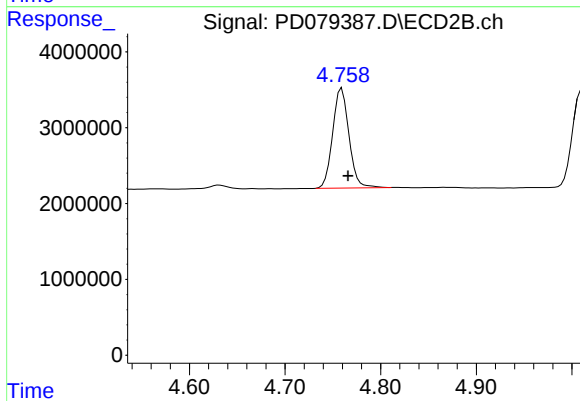
#7 delta-BHC

R.T.: 4.160 min  
Delta R.T.: -0.006 min  
Response: 8800806  
Conc: 2.68 ng/ml



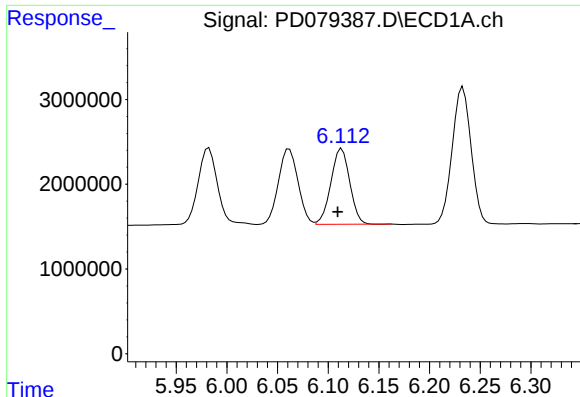
#8 Heptachlor epoxide

R.T.: 5.726 min  
Delta R.T.: 0.004 min  
Response: 12071515  
Conc: 5.03 ng/ml



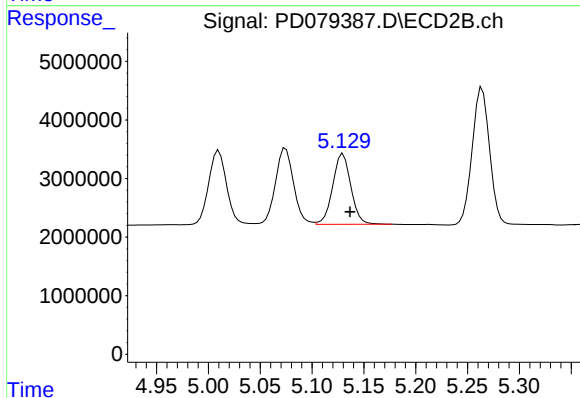
#8 Heptachlor epoxide

R.T.: 4.759 min  
Delta R.T.: -0.007 min  
Response: 15584474  
Conc: 5.40 ng/ml



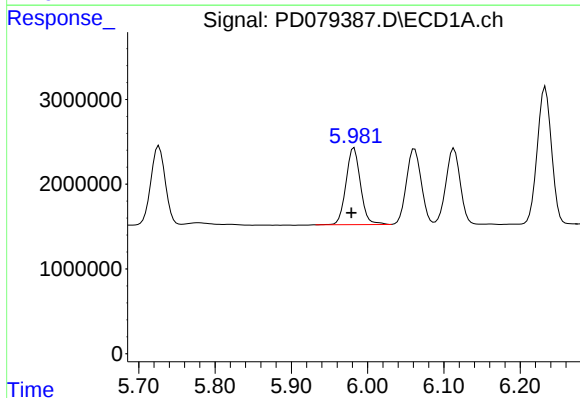
#9 Endosulfan I

R.T.: 6.113 min  
Delta R.T.: 0.004 min  
Response: 11592323  
Conc: 5.41 ng/ml



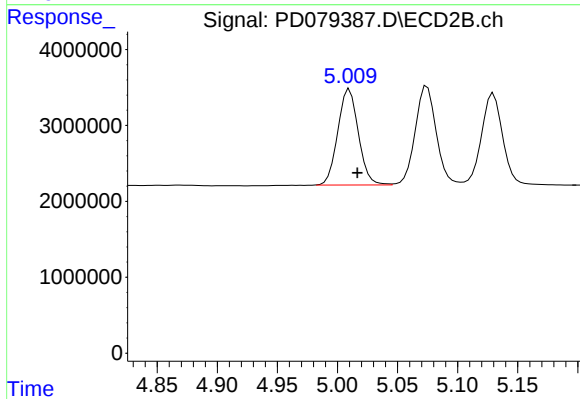
#9 Endosulfan I

R.T.: 5.130 min  
Delta R.T.: -0.007 min  
Response: 14701772  
Conc: 5.79 ng/ml



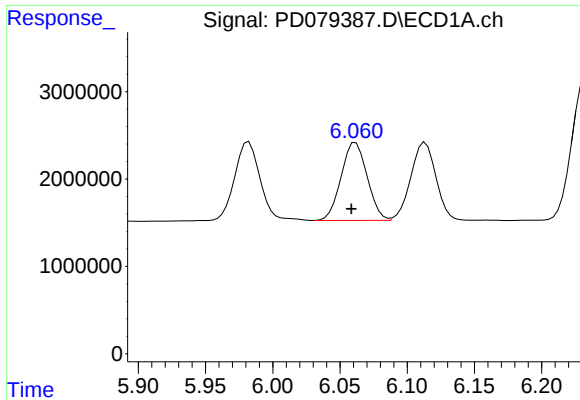
#10 trans-Chlordane

R.T.: 5.982 min  
Delta R.T.: 0.004 min  
Response: 11966113  
Conc: 5.40 ng/ml



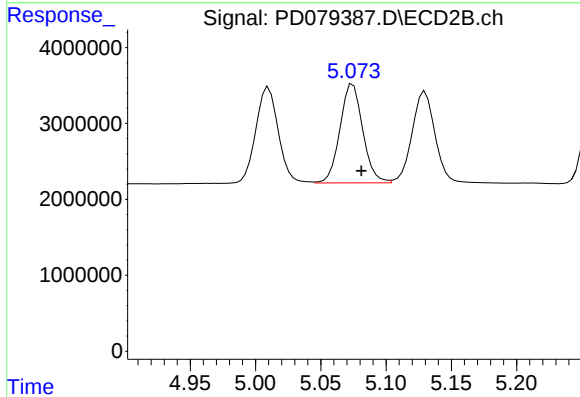
#10 trans-Chlordane

R.T.: 5.010 min  
Delta R.T.: -0.007 min  
Response: 15116222  
Conc: 5.46 ng/ml



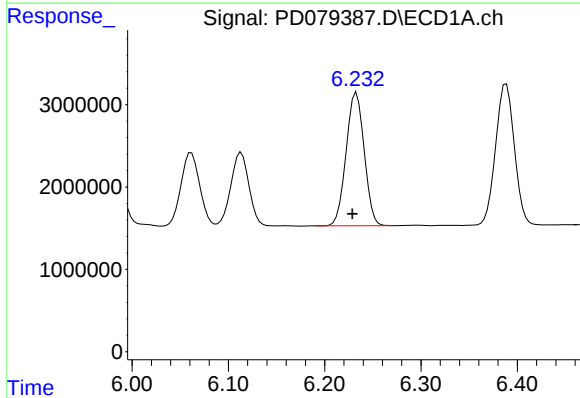
#11 cis-Chlordane

R.T.: 6.062 min  
Delta R.T.: 0.003 min  
Response: 12006350  
Conc: 5.28 ng/ml



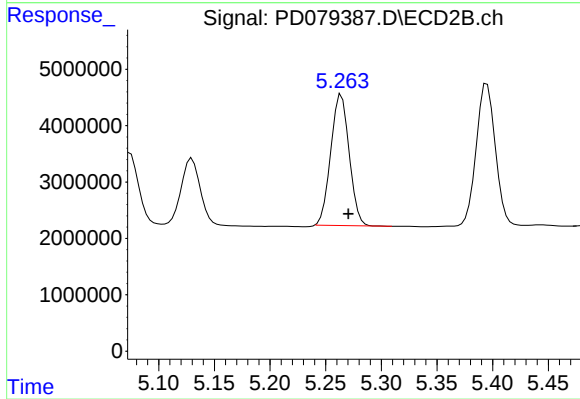
#11 cis-Chlordane

R.T.: 5.075 min  
Delta R.T.: -0.007 min  
Response: 15873452  
Conc: 5.61 ng/ml



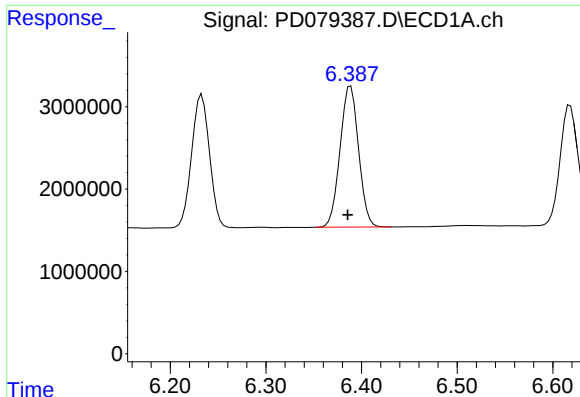
#12 4,4'-DDE

R.T.: 6.233 min  
Delta R.T.: 0.004 min  
Response: 20988612  
Conc: 10.19 ng/ml



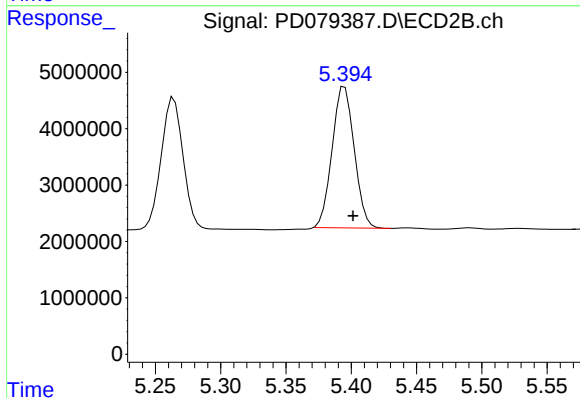
#12 4,4'-DDE

R.T.: 5.264 min  
Delta R.T.: -0.006 min  
Response: 26731589  
Conc: 10.22 ng/ml



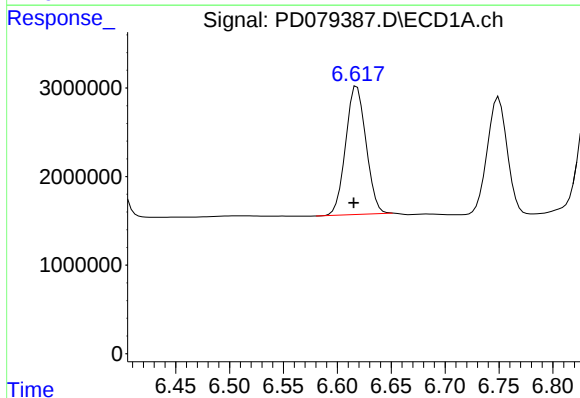
#13 Dieldrin

R.T.: 6.389 min  
Delta R.T.: 0.003 min  
Response: 23094266  
Conc: 10.17 ng/ml



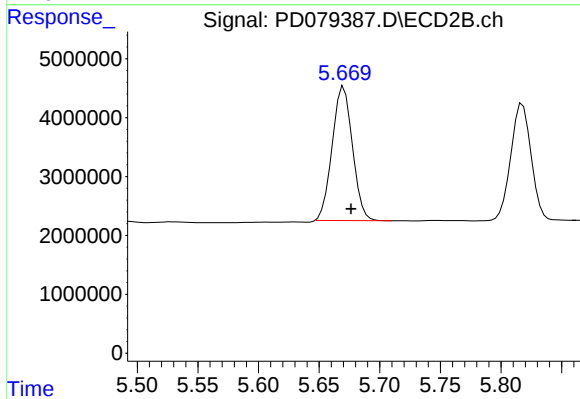
#13 Dieldrin

R.T.: 5.395 min  
Delta R.T.: -0.006 min  
Response: 29534453  
Conc: 10.03 ng/ml



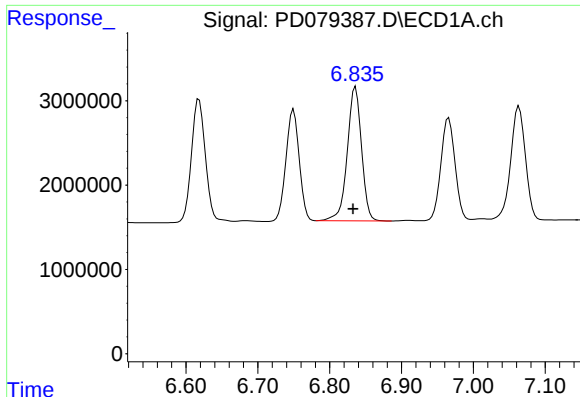
#14 Endrin

R.T.: 6.618 min  
Delta R.T.: 0.003 min  
Response: 19073533  
Conc: 10.07 ng/ml



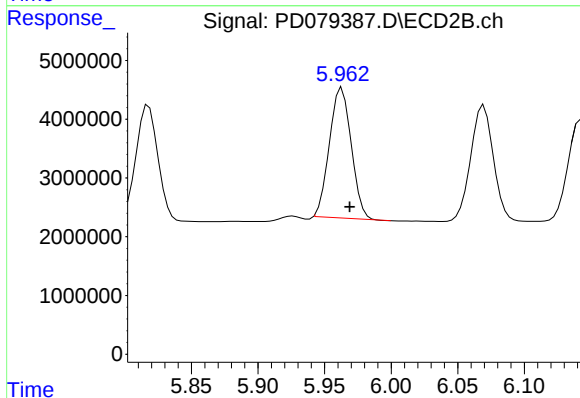
#14 Endrin

R.T.: 5.670 min  
Delta R.T.: -0.006 min  
Response: 26457146  
Conc: 10.48 ng/ml



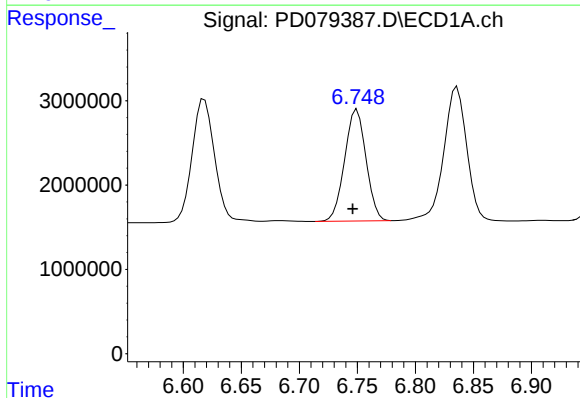
#15 Endosulfan II

R.T.: 6.836 min  
Delta R.T.: 0.003 min  
Response: 21866117  
Conc: 11.03 ng/ml



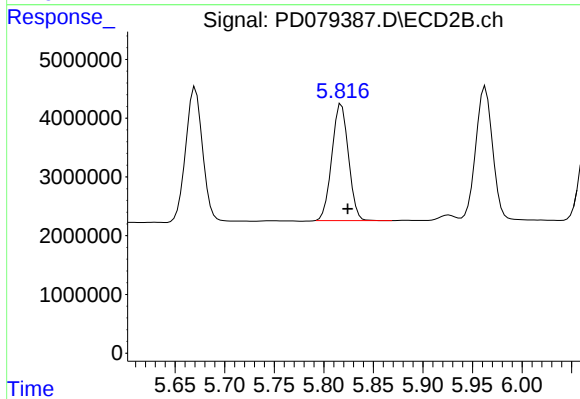
#15 Endosulfan II

R.T.: 5.963 min  
Delta R.T.: -0.006 min  
Response: 25188555  
Conc: 10.59 ng/ml



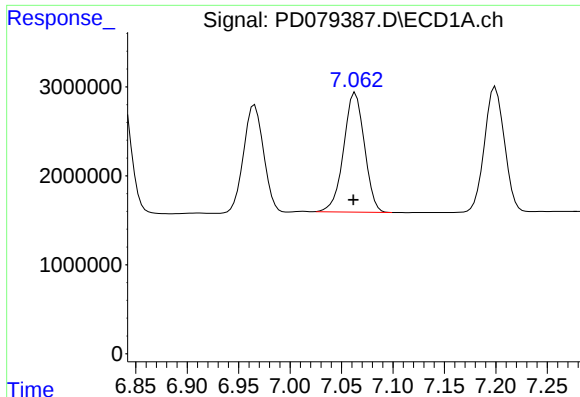
#16 4,4'-DDD

R.T.: 6.750 min  
Delta R.T.: 0.004 min  
Response: 16956361  
Conc: 10.09 ng/ml



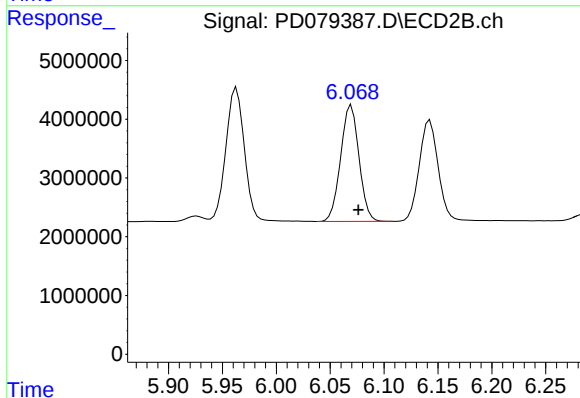
#16 4,4'-DDD

R.T.: 5.818 min  
Delta R.T.: -0.006 min  
Response: 23097278  
Conc: 10.46 ng/ml



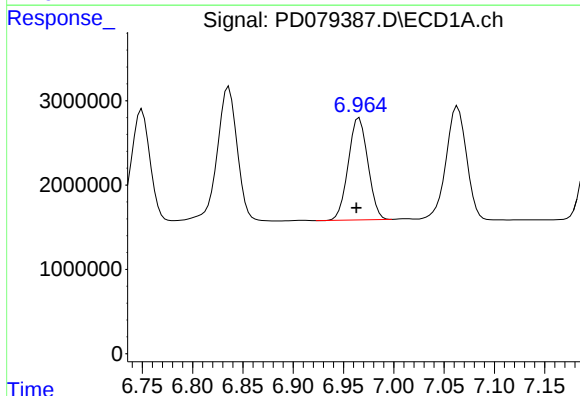
#17 4,4'-DDT

R.T.: 7.064 min  
Delta R.T.: 0.002 min  
Response: 18879794  
Conc: 10.54 ng/ml



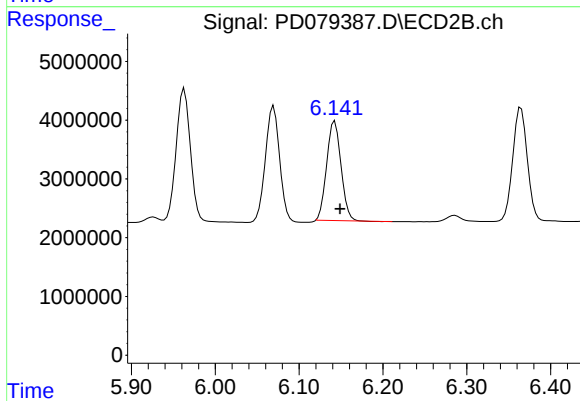
#17 4,4'-DDT

R.T.: 6.070 min  
Delta R.T.: -0.007 min  
Response: 23469274  
Conc: 10.42 ng/ml



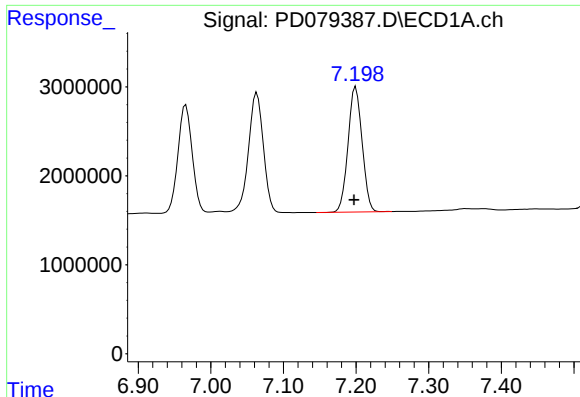
#18 Endrin aldehyde

R.T.: 6.966 min  
Delta R.T.: 0.003 min  
Response: 16383296  
Conc: 10.80 ng/ml



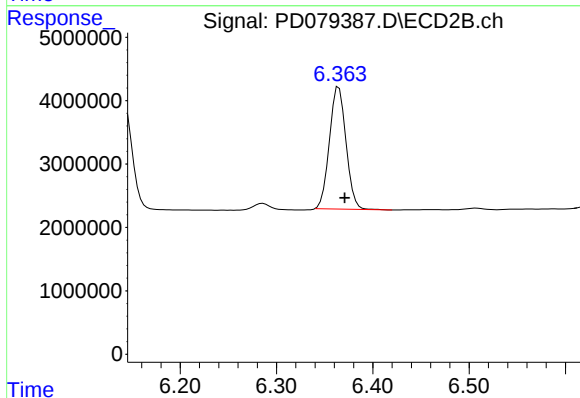
#18 Endrin aldehyde

R.T.: 6.143 min  
Delta R.T.: -0.006 min  
Response: 20039768  
Conc: 10.81 ng/ml



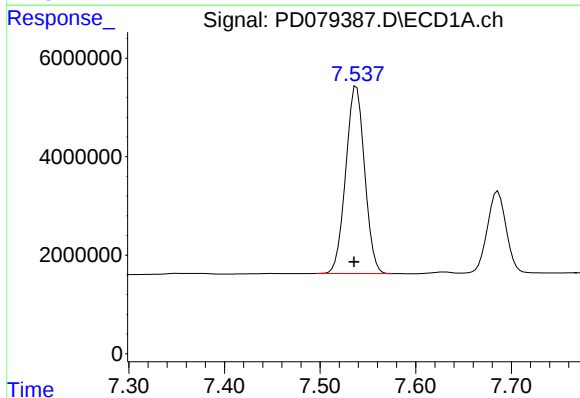
#19 Endosulfan Sulfate

R.T.: 7.200 min  
Delta R.T.: 0.003 min  
Response: 18968647  
Conc: 9.87 ng/ml



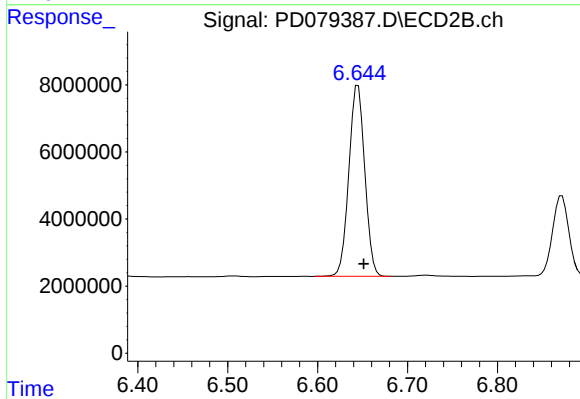
#19 Endosulfan Sulfate

R.T.: 6.365 min  
Delta R.T.: -0.006 min  
Response: 23130992  
Conc: 10.04 ng/ml



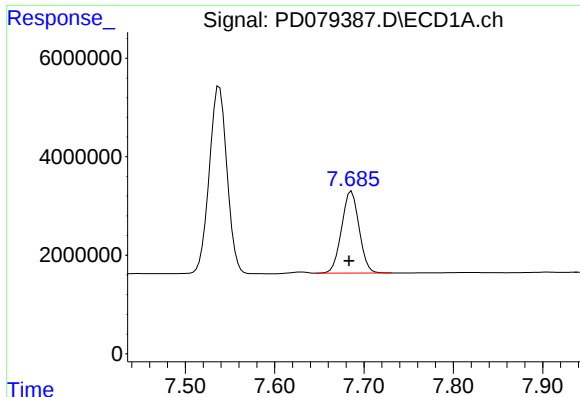
#20 Methoxychlor

R.T.: 7.538 min  
Delta R.T.: 0.003 min  
Response: 52372695  
Conc: 54.59 ng/ml



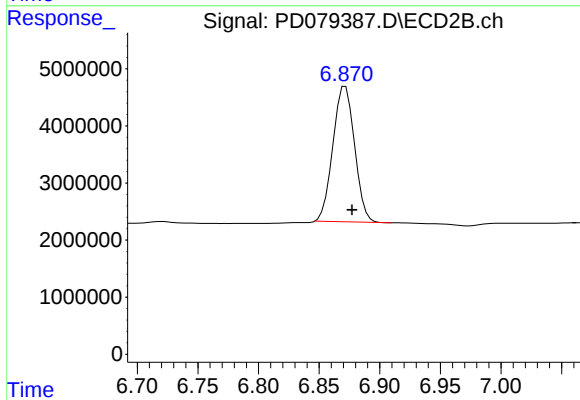
#20 Methoxychlor

R.T.: 6.645 min  
Delta R.T.: -0.006 min  
Response: 69954168  
Conc: 57.37 ng/ml



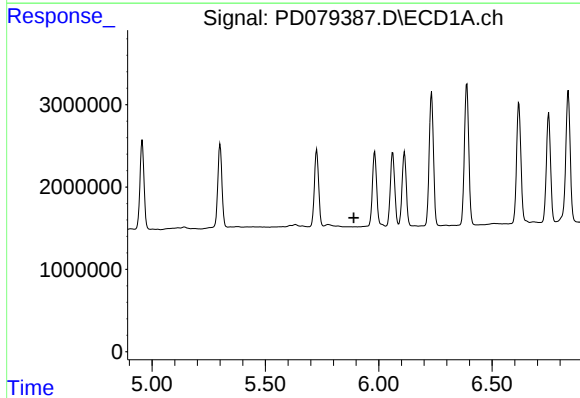
#21 Endrin ketone

R.T.: 7.686 min  
Delta R.T.: 0.003 min  
Response: 22618875  
Conc: 10.83 ng/ml



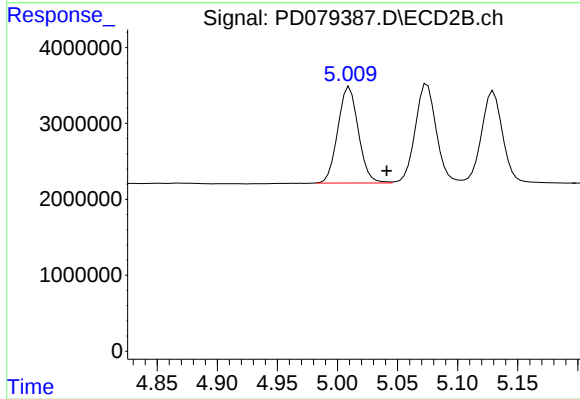
#21 Endrin ketone

R.T.: 6.872 min  
Delta R.T.: -0.006 min  
Response: 29437358  
Conc: 11.15 ng/ml



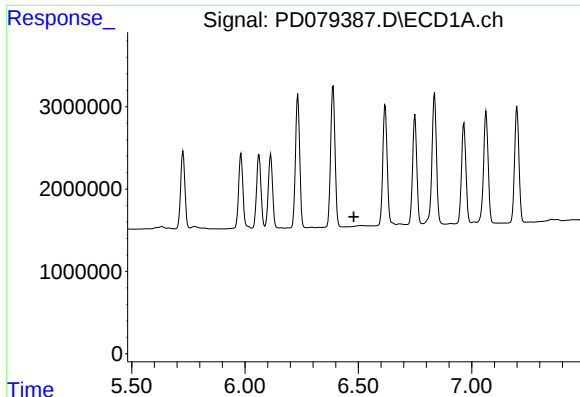
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T.: 5.890 min  
Response: 0  
Conc: N.D.



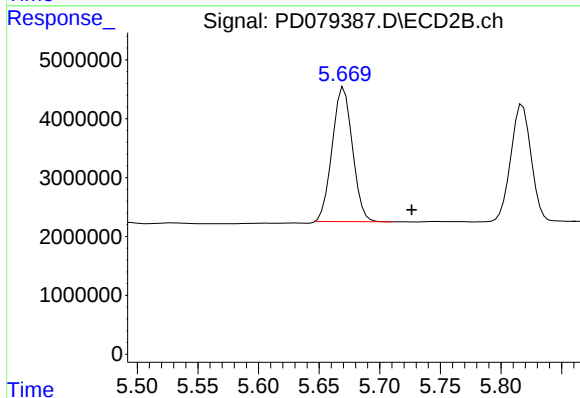
#22 Toxaphene-1

R.T.: 5.010 min  
Delta R.T.: -0.031 min  
Response: 15116222  
Conc: 978.92 ng/ml



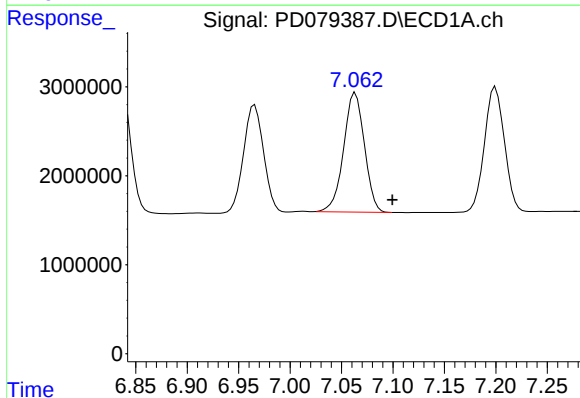
#23 Toxaphene-2

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



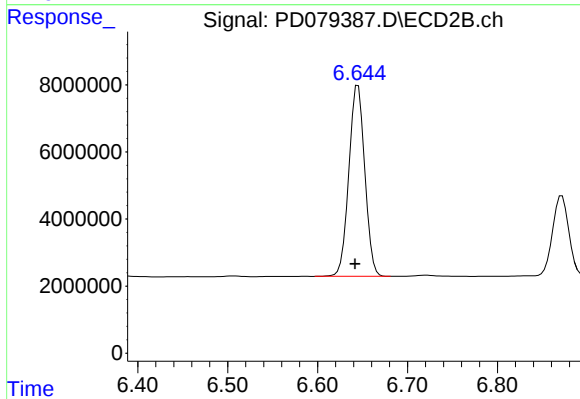
#23 Toxaphene-2

R.T.: 5.670 min  
Delta R.T.: -0.056 min  
Response: 26457146  
Conc: 1610.37 ng/ml



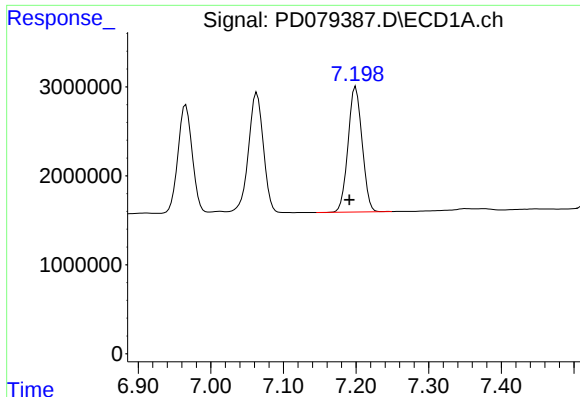
#24 Toxaphene-3

R.T.: 7.064 min  
Delta R.T.: -0.036 min  
Response: 18879794  
Conc: 327.01 ng/ml



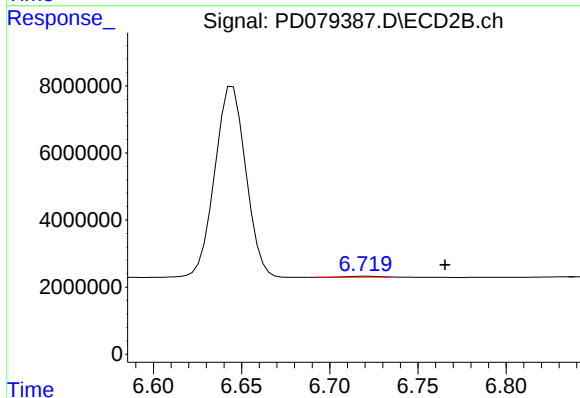
#24 Toxaphene-3

R.T.: 6.645 min  
Delta R.T.: 0.003 min  
Response: 69954168  
Conc: 1336.78 ng/ml



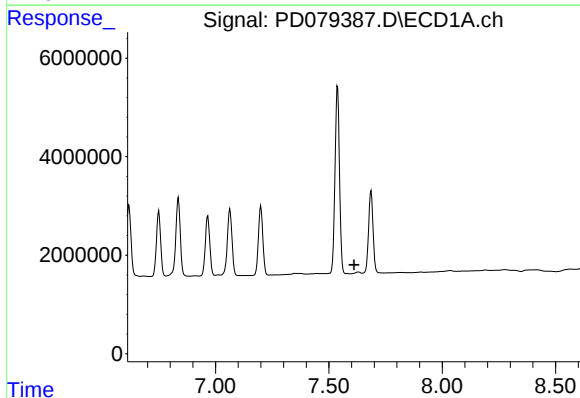
#25 Toxaphene-4

R.T.: 7.200 min  
Delta R.T.: 0.009 min  
Response: 18968647  
Conc: 439.89 ng/ml



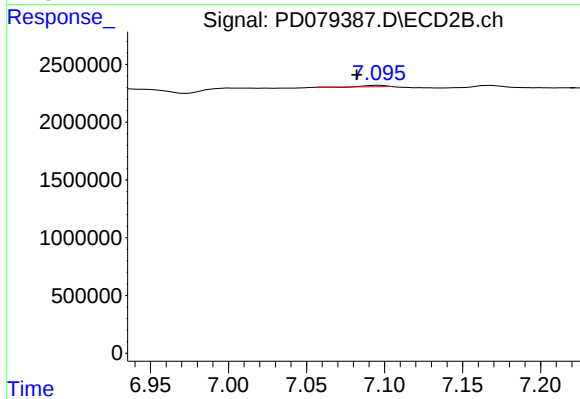
#25 Toxaphene-4

R.T.: 6.720 min  
Delta R.T.: -0.045 min  
Response: 297117  
Conc: 4.14 ng/ml



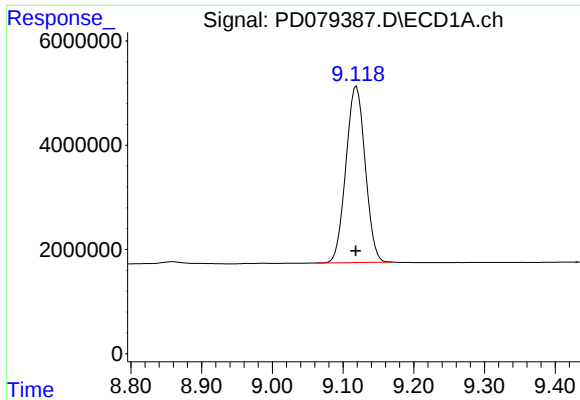
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T.: 7.611 min  
Response: 0  
Conc: N.D.



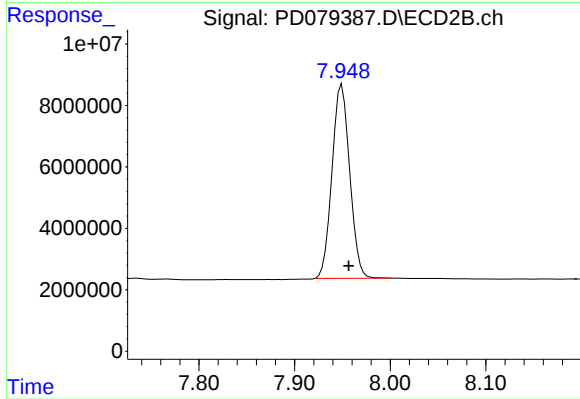
#26 Toxaphene-5

R.T.: 7.096 min  
Delta R.T.: 0.014 min  
Response: 100792  
Conc: 3.25 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.119 min  
Delta R.T.: 0.000 min  
Response: 64074705  
Conc: 33.78 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.949 min  
Delta R.T.: -0.007 min  
Response: 80973045  
Conc: 34.72 ng/ml