

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111223\  
 Data File : PD079548.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Nov 2023 13:17  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 08 20:17:51 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 20 04:44:01 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

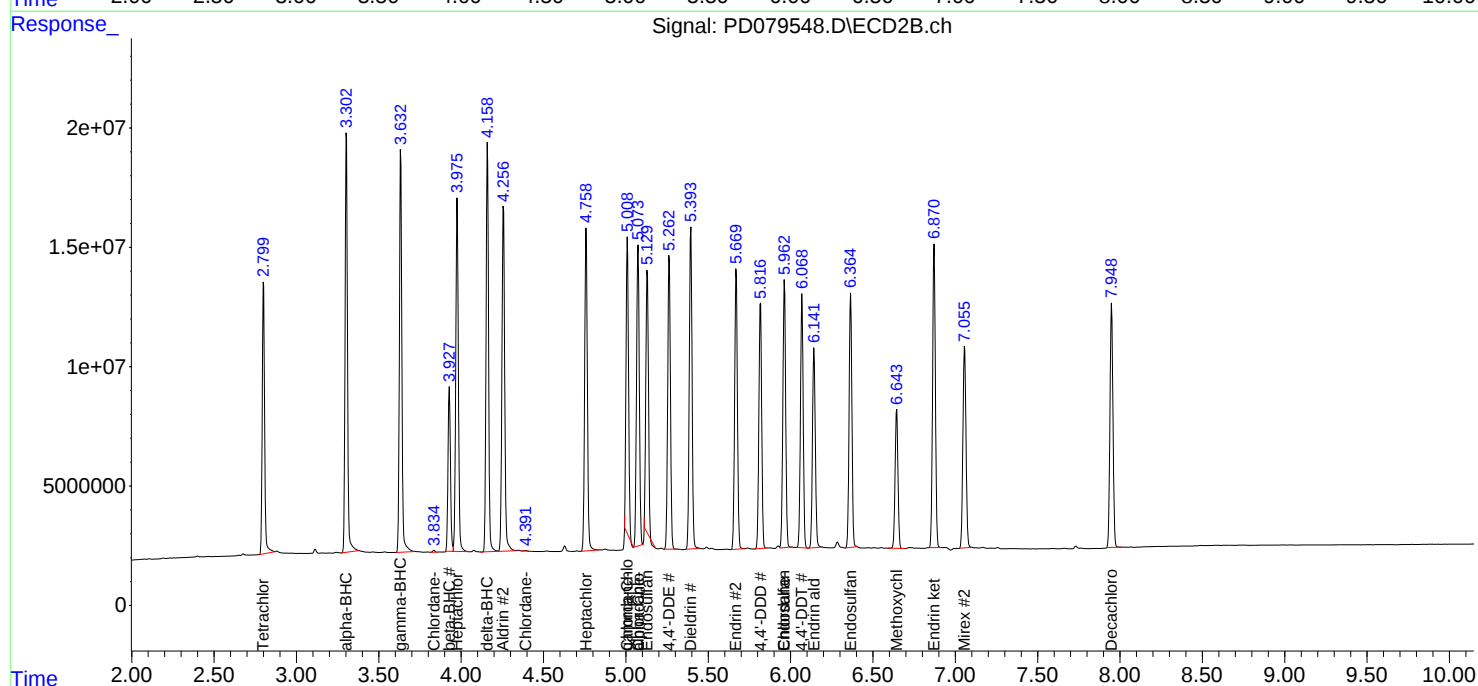
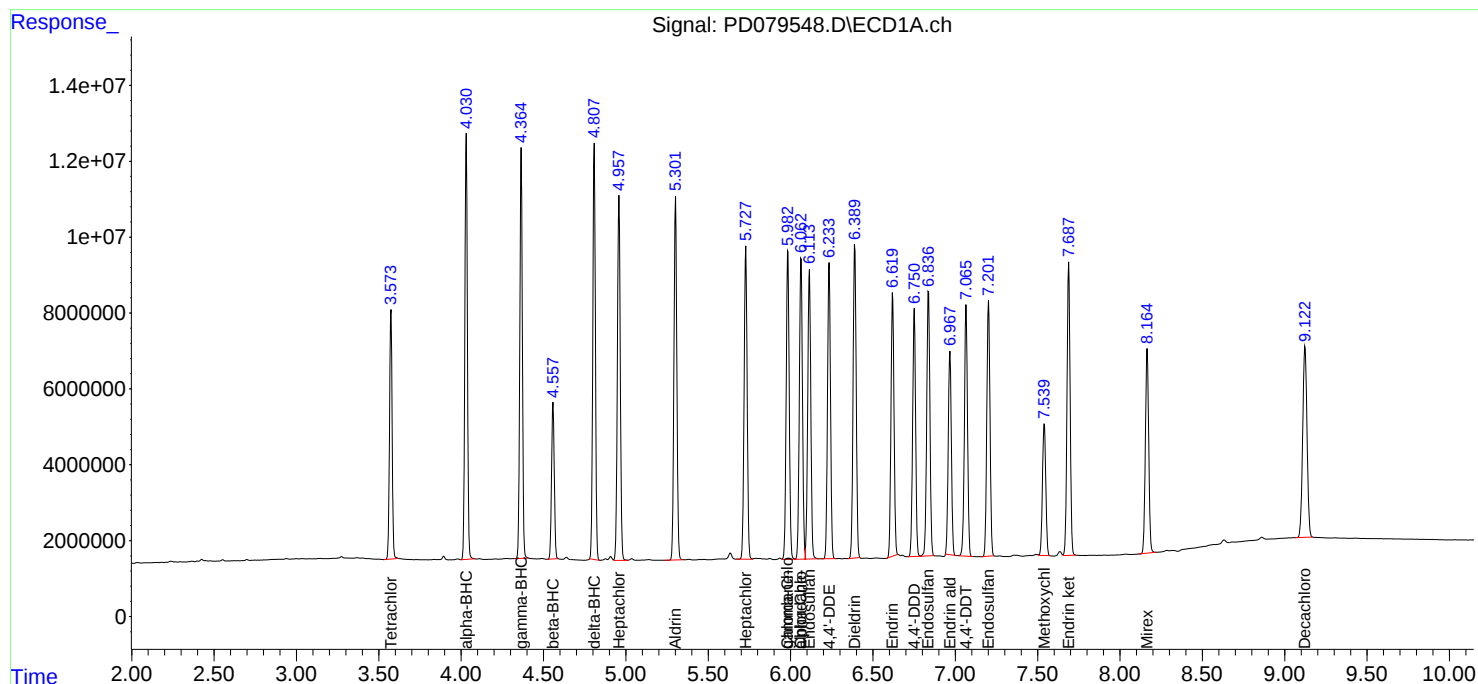
|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|-------|--------|----------|----------|---------|------------|
| -----                       |                 |       |        |          |          |         |            |
| System Monitoring Compounds |                 |       |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.574 | 2.800  | 71648503 | 115.0E6  | 44.376  | 49.651     |
| 28)                         | SA Decachlor... | 9.123 | 7.949  | 91755175 | 126.9E6  | 45.740  | 52.043     |
| Target Compounds            |                 |       |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.031 | 3.304  | 122.3E6  | 180.1E6  | 45.926  | 51.928     |
| 3)                          | MA gamma-BHC... | 4.365 | 3.633  | 118.3E6  | 175.9E6  | 45.527  | 51.802     |
| 4)                          | MA Heptachlor   | 4.959 | 3.976  | 118.7E6  | 164.0E6  | 44.394  | 53.684     |
| 5)                          | MB Aldrin       | 5.302 | 4.257  | 117.9E6  | 169.8E6  | 45.762  | 51.890     |
| 6)                          | B beta-BHC      | 4.558 | 3.929  | 47947620 | 71337733 | 44.744  | 50.626     |
| 7)                          | B delta-BHC     | 4.808 | 4.160  | 121.7E6  | 178.2E6  | 45.474  | 53.224     |
| 8)                          | B Heptachlo...  | 5.728 | 4.759  | 106.3E6  | 154.0E6  | 45.365  | 51.935     |
| 9)                          | A Endosulfan I  | 6.115 | 5.130  | 99950997 | 118.8E6  | 46.104  | 44.862     |
| 10)                         | B gamma-Chl...  | 5.984 | 5.010  | 105.4E6  | 132.3E6  | 45.969  | 46.121     |
| 11)                         | B alpha-Chl...  | 6.064 | 5.074  | 104.8E6  | 145.4E6  | 45.962  | 50.652     |
| 12)                         | B 4,4'-DDE      | 6.234 | 5.263  | 98594039 | 141.9E6  | 46.659  | 53.293     |
| 13)                         | MA Dieldrin     | 6.390 | 5.395  | 107.8E6  | 157.0E6  | 46.281  | 52.876     |
| 14)                         | MA Endrin       | 6.620 | 5.670  | 89260539 | 137.2E6  | 45.831  | 53.623     |
| 15)                         | B Endosulfa...  | 6.837 | 5.963  | 93523185 | 131.9E6  | 45.853  | 52.835     |
| 16)                         | A 4,4'-DDD      | 6.751 | 5.817  | 82165572 | 122.1E6  | 46.740  | 53.474     |
| 17)                         | MA 4,4'-DDT     | 7.066 | 6.069  | 86300129 | 122.9E6  | 45.573  | 53.686     |
| 18)                         | B Endrin al...  | 6.968 | 6.142  | 70245851 | 99926543 | 45.487  | 53.744     |
| 19)                         | B Endosulfa...  | 7.202 | 6.365  | 91358663 | 125.1E6  | 45.952  | 53.592     |
| 20)                         | A Methoxychlor  | 7.541 | 6.644  | 49454677 | 70726222 | 45.132  | 52.095     |
| 21)                         | B Endrin ke...  | 7.689 | 6.872  | 102.4E6  | 149.5E6  | 46.982  | 53.470     |
| 22)                         | Mirex           | 8.165 | 7.057  | 76446398 | 111.4E6  | 45.163  | 52.124     |
| 23)                         | Chlordane-1     | 0.000 | 3.835f | 0        | 763649   | N.D.    | 8.792 #    |
| 24)                         | Chlordane-2     | 0.000 | 4.391  | 0        | 175635   | N.D.    | 1.933 #    |
| 25)                         | Chlordane-3     | 5.984 | 5.010  | 105.4E6  | 132.3E6  | 339.978 | 496.162 #  |
| 26)                         | Chlordane-4     | 6.064 | 5.074  | 104.8E6  | 145.4E6  | 282.087 | 592.404 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.963  | 0        | 131.9E6  | N.D.    | 1323.475 # |
| -----                       |                 |       |        |          |          |         |            |

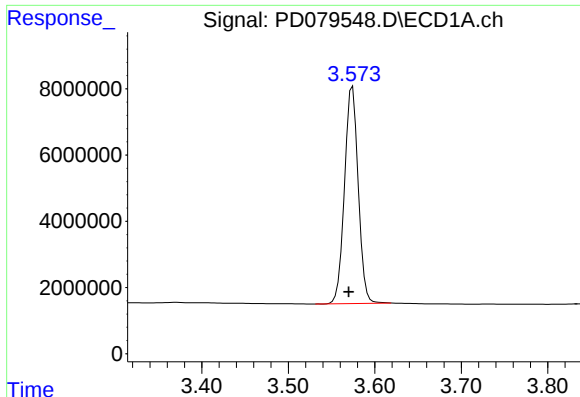
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111223\  
Data File : PD079548.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Nov 2023 13:17  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 08 20:17:51 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102023.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 20 04:44:01 2023  
Response via : Initial Calibration  
Integrator: ChemStation

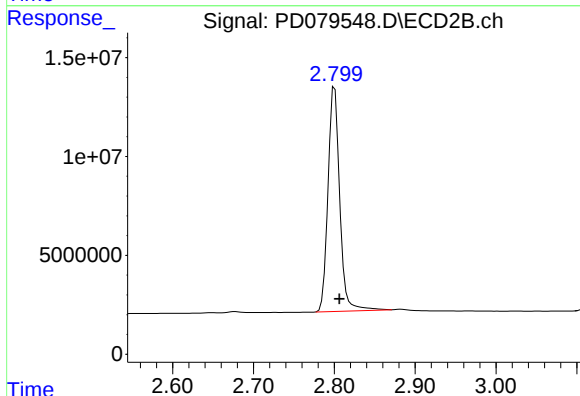
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





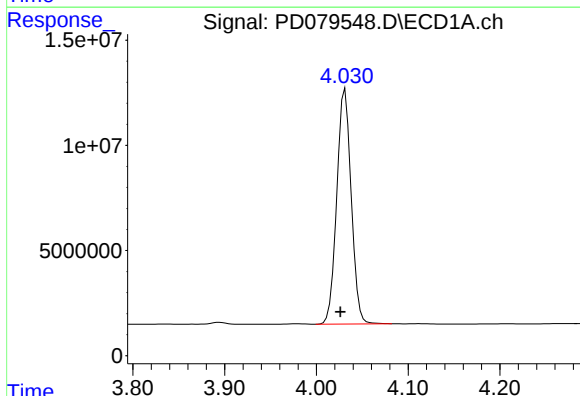
#1 Tetrachloro-m-xylene

R.T.: 3.574 min  
Delta R.T.: 0.004 min  
Response: 71648503  
Conc: 44.38 ng/ml



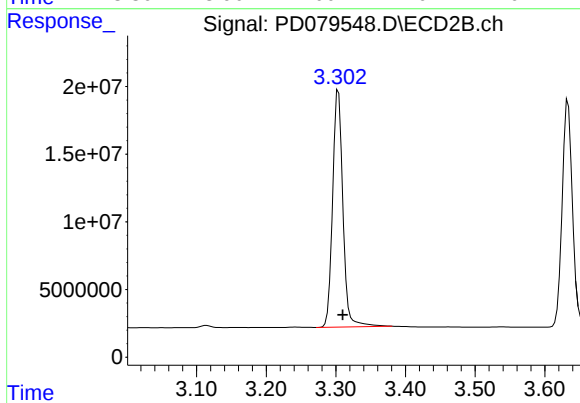
#1 Tetrachloro-m-xylene

R.T.: 2.800 min  
Delta R.T.: -0.006 min  
Response: 114956886  
Conc: 49.65 ng/ml



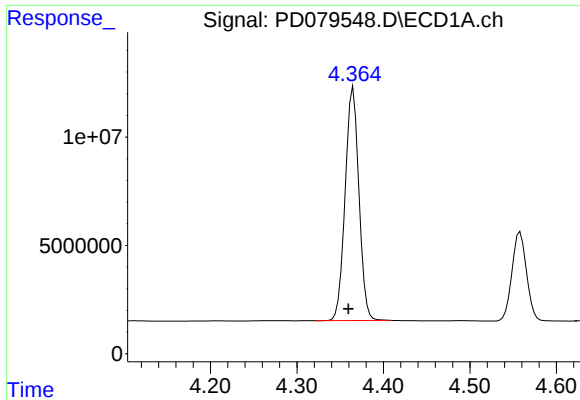
#2 alpha-BHC

R.T.: 4.031 min  
Delta R.T.: 0.005 min  
Response: 122257698  
Conc: 45.93 ng/ml



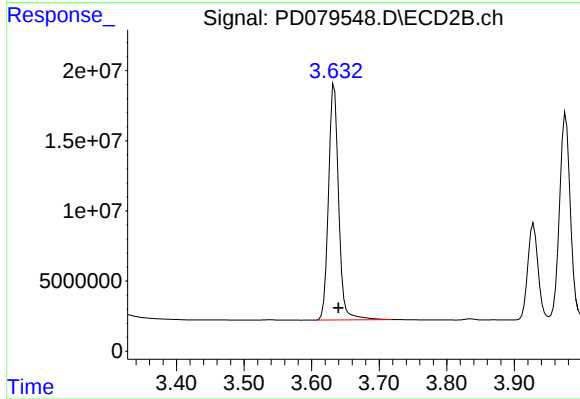
#2 alpha-BHC

R.T.: 3.304 min  
Delta R.T.: -0.006 min  
Response: 180057203  
Conc: 51.93 ng/ml



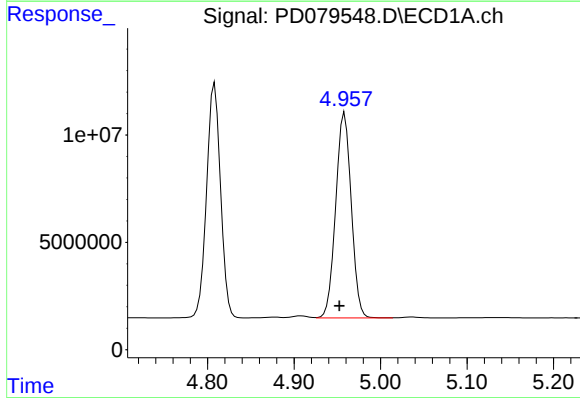
#3 gamma-BHC (Lindane)

R.T.: 4.365 min  
Delta R.T.: 0.006 min  
Response: 118317277  
Conc: 45.53 ng/ml



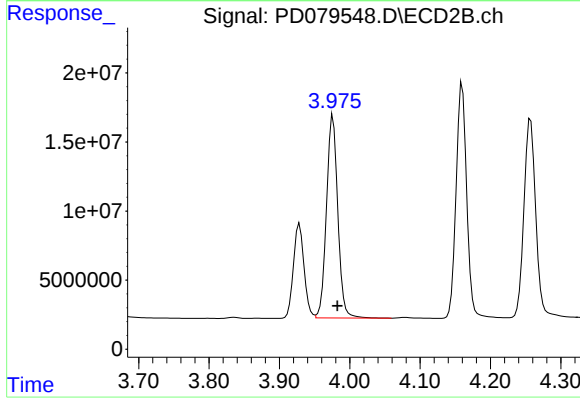
#3 gamma-BHC (Lindane)

R.T.: 3.633 min  
Delta R.T.: -0.006 min  
Response: 175908664  
Conc: 51.80 ng/ml



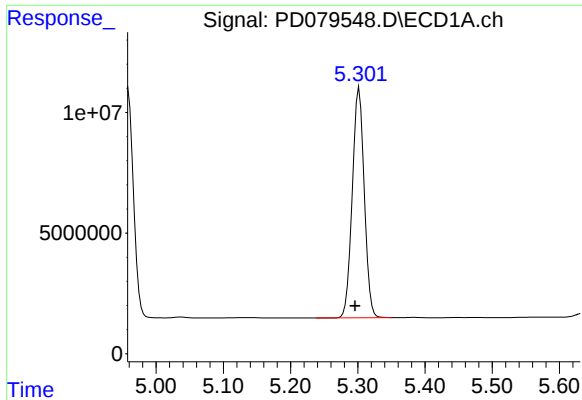
#4 Heptachlor

R.T.: 4.959 min  
Delta R.T.: 0.006 min  
Response: 118749860  
Conc: 44.39 ng/ml



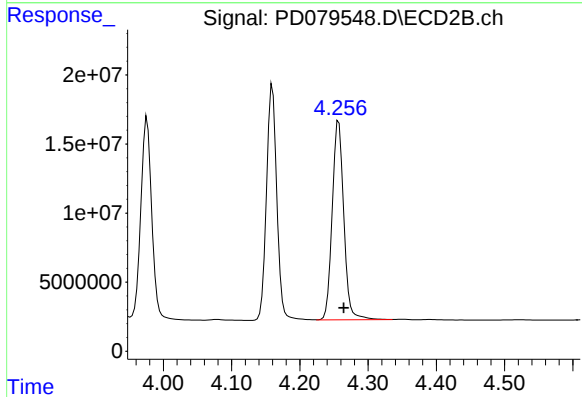
#4 Heptachlor

R.T.: 3.976 min  
Delta R.T.: -0.006 min  
Response: 163959168  
Conc: 53.68 ng/ml



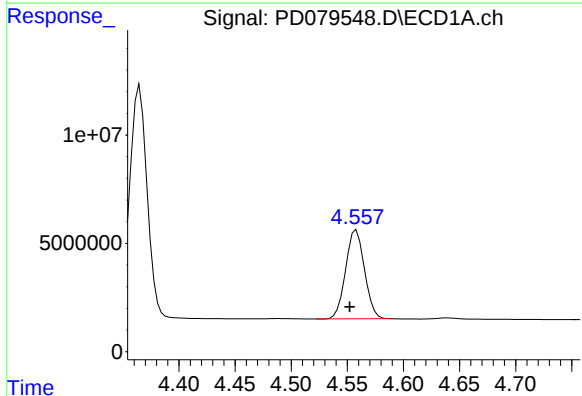
#5 Aldrin

R.T.: 5.302 min  
Delta R.T.: 0.006 min  
Response: 117918906  
Conc: 45.76 ng/ml



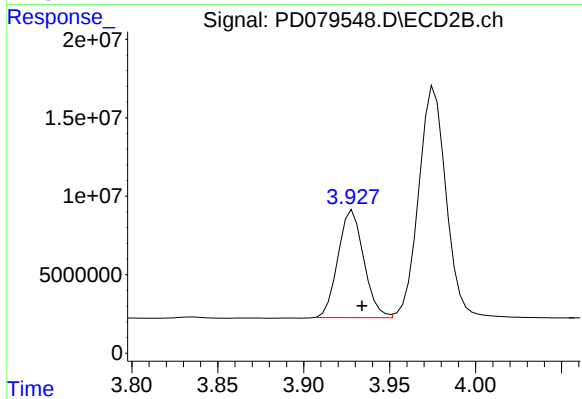
#5 Aldrin

R.T.: 4.257 min  
Delta R.T.: -0.007 min  
Response: 169750850  
Conc: 51.89 ng/ml



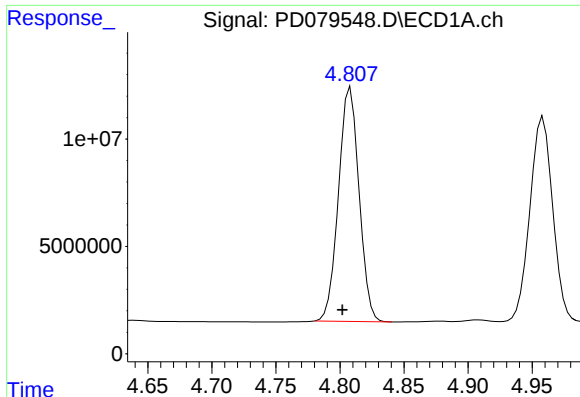
#6 beta-BHC

R.T.: 4.558 min  
Delta R.T.: 0.006 min  
Response: 47947620  
Conc: 44.74 ng/ml



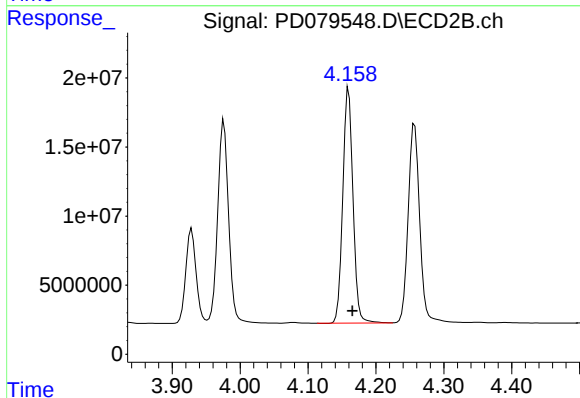
#6 beta-BHC

R.T.: 3.929 min  
Delta R.T.: -0.005 min  
Response: 71337733  
Conc: 50.63 ng/ml



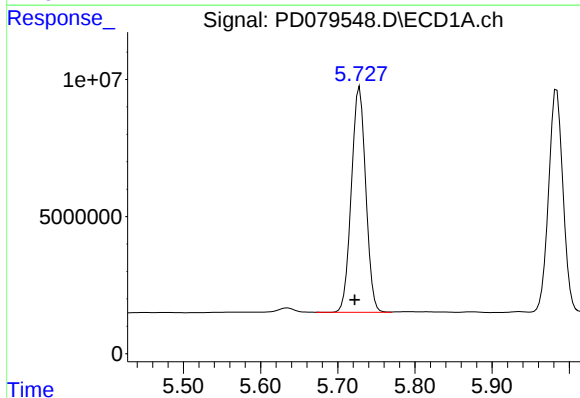
#7 delta-BHC

R.T.: 4.808 min  
Delta R.T.: 0.006 min  
Response: 121736155  
Conc: 45.47 ng/ml



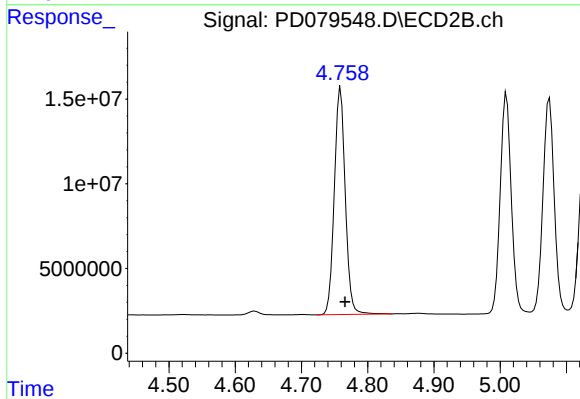
#7 delta-BHC

R.T.: 4.160 min  
Delta R.T.: -0.005 min  
Response: 178206080  
Conc: 53.22 ng/ml



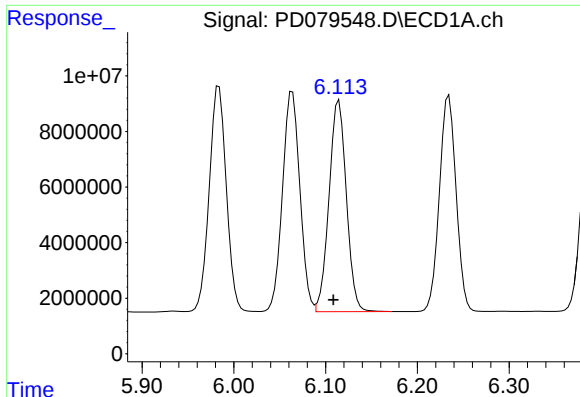
#8 Heptachlor epoxide

R.T.: 5.728 min  
Delta R.T.: 0.006 min  
Response: 106320743  
Conc: 45.36 ng/ml



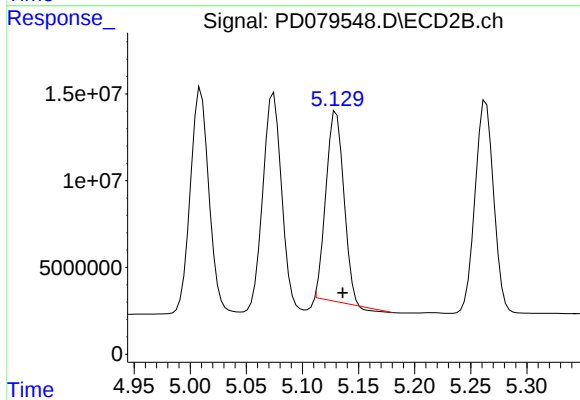
#8 Heptachlor epoxide

R.T.: 4.759 min  
Delta R.T.: -0.007 min  
Response: 153970106  
Conc: 51.93 ng/ml



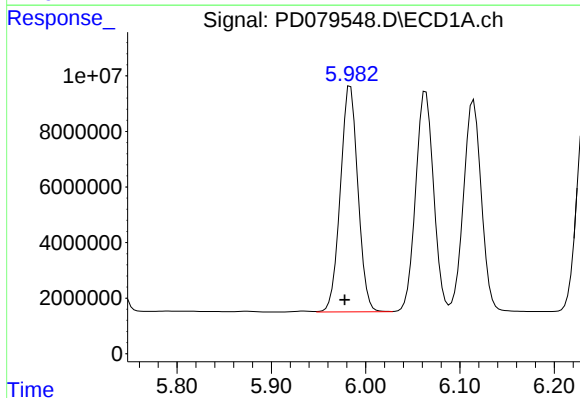
#9 Endosulfan I

R.T.: 6.115 min  
Delta R.T.: 0.006 min  
Response: 99950997  
Conc: 46.10 ng/ml



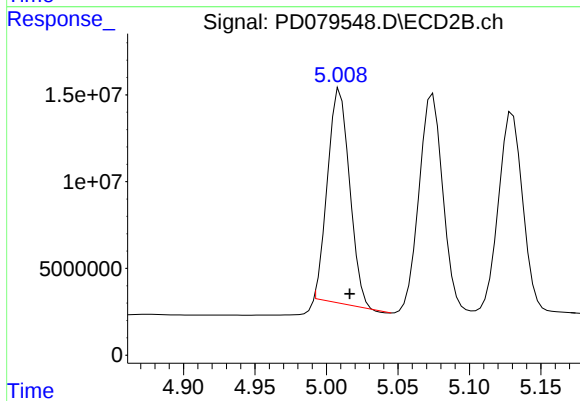
#9 Endosulfan I

R.T.: 5.130 min  
Delta R.T.: -0.006 min  
Response: 118782182  
Conc: 44.86 ng/ml



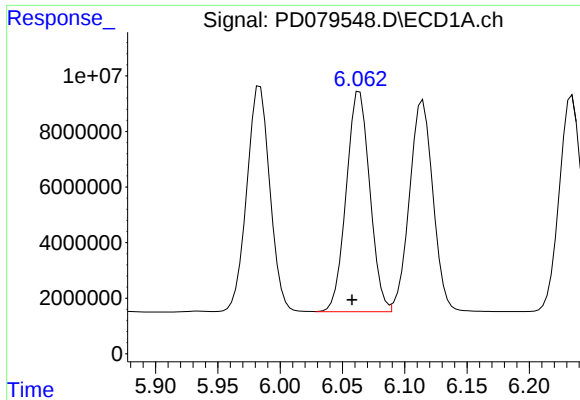
#10 gamma-Chlordane

R.T.: 5.984 min  
Delta R.T.: 0.006 min  
Response: 105394913  
Conc: 45.97 ng/ml



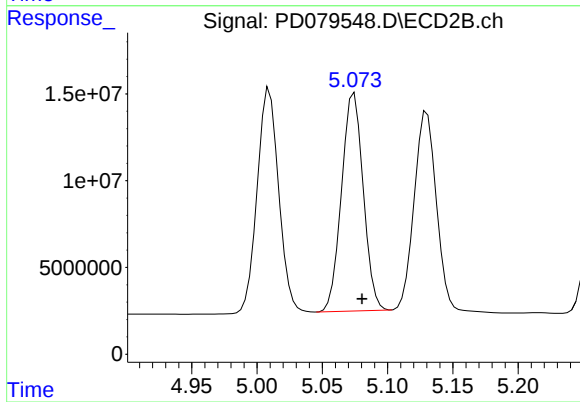
#10 gamma-Chlordane

R.T.: 5.010 min  
Delta R.T.: -0.007 min  
Response: 132342175  
Conc: 46.12 ng/ml



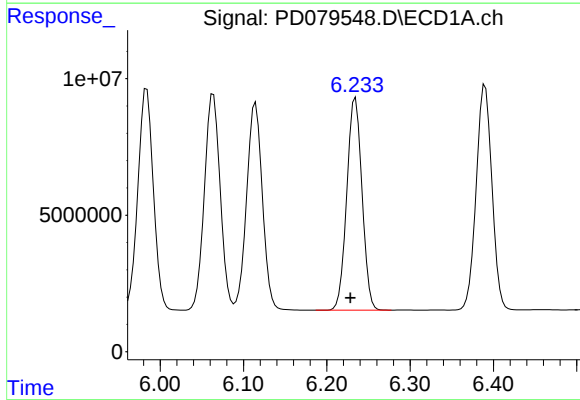
#11 alpha-Chlordane

R.T.: 6.064 min  
Delta R.T.: 0.006 min  
Response: 104802186  
Conc: 45.96 ng/ml



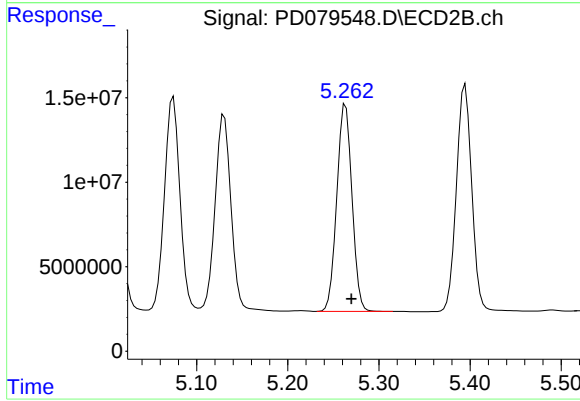
#11 alpha-Chlordane

R.T.: 5.074 min  
Delta R.T.: -0.006 min  
Response: 145363478  
Conc: 50.65 ng/ml



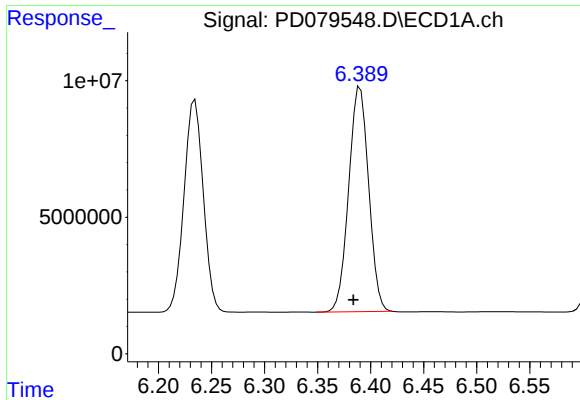
#12 4,4'-DDE

R.T.: 6.234 min  
Delta R.T.: 0.006 min  
Response: 98594039  
Conc: 46.66 ng/ml



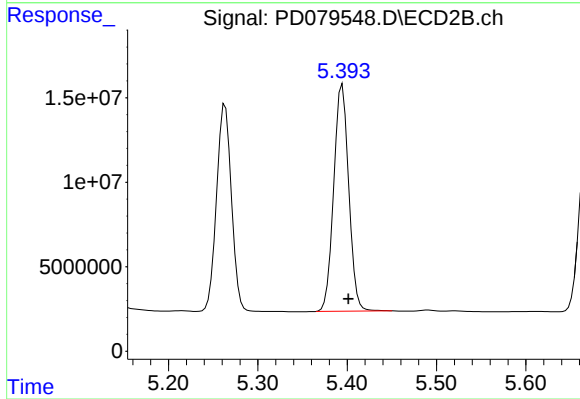
#12 4,4'-DDE

R.T.: 5.263 min  
Delta R.T.: -0.006 min  
Response: 141886017  
Conc: 53.29 ng/ml



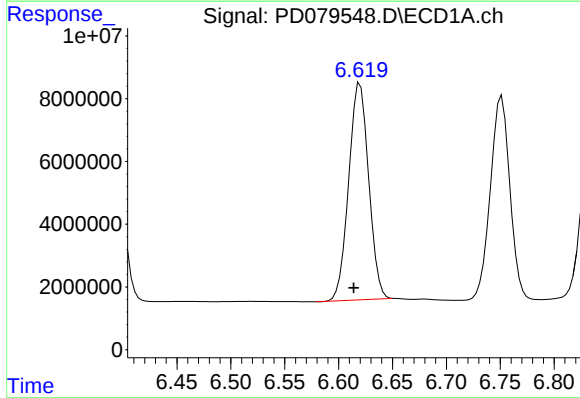
#13 Dieldrin

R.T.: 6.390 min  
Delta R.T.: 0.006 min  
Response: 107780334  
Conc: 46.28 ng/ml



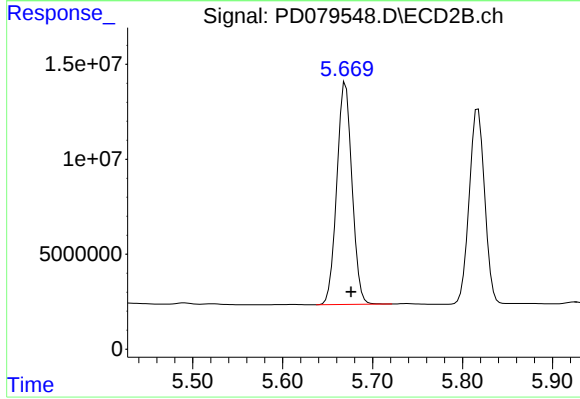
#13 Dieldrin

R.T.: 5.395 min  
Delta R.T.: -0.007 min  
Response: 157035415  
Conc: 52.88 ng/ml



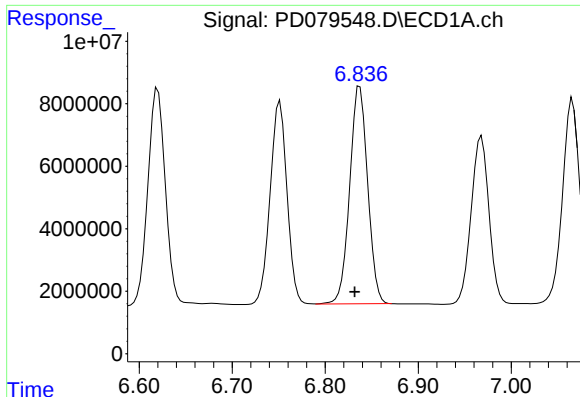
#14 Endrin

R.T.: 6.620 min  
Delta R.T.: 0.006 min  
Response: 89260539  
Conc: 45.83 ng/ml



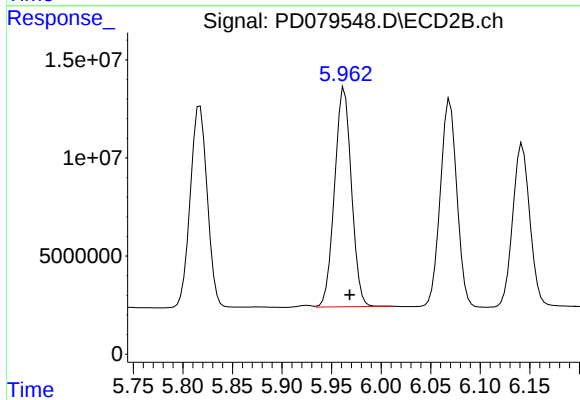
#14 Endrin

R.T.: 5.670 min  
Delta R.T.: -0.006 min  
Response: 137228229  
Conc: 53.62 ng/ml



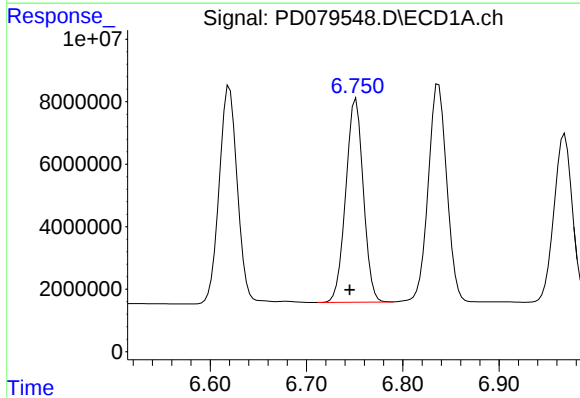
#15 Endosulfan II

R.T.: 6.837 min  
Delta R.T.: 0.005 min  
Response: 93523185  
Conc: 45.85 ng/ml



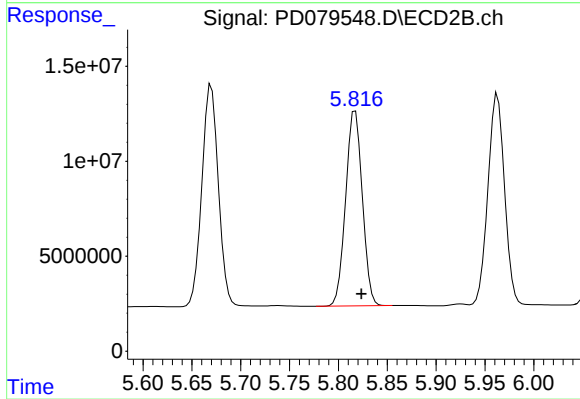
#15 Endosulfan II

R.T.: 5.963 min  
Delta R.T.: -0.005 min  
Response: 131903024  
Conc: 52.83 ng/ml



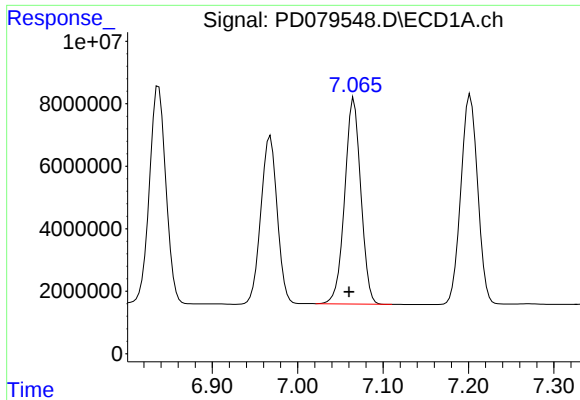
#16 4,4'-DDD

R.T.: 6.751 min  
Delta R.T.: 0.007 min  
Response: 82165572  
Conc: 46.74 ng/ml



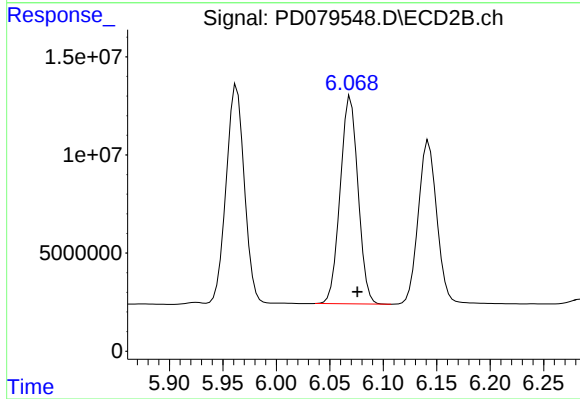
#16 4,4'-DDD

R.T.: 5.817 min  
Delta R.T.: -0.006 min  
Response: 122148290  
Conc: 53.47 ng/ml



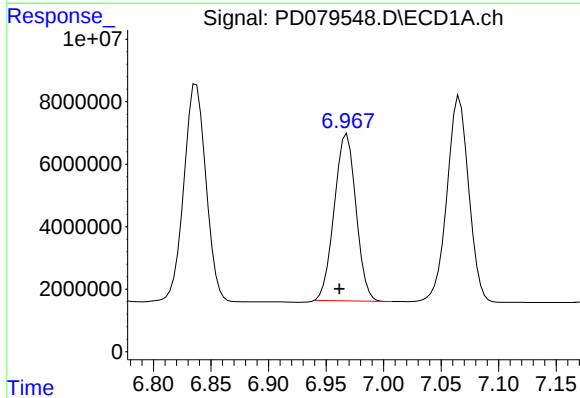
#17 4,4'-DDT

R.T.: 7.066 min  
Delta R.T.: 0.006 min  
Response: 86300129  
Conc: 45.57 ng/ml



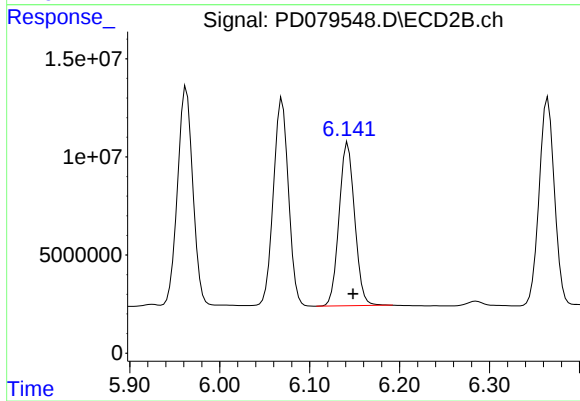
#17 4,4'-DDT

R.T.: 6.069 min  
Delta R.T.: -0.006 min  
Response: 122906540  
Conc: 53.69 ng/ml



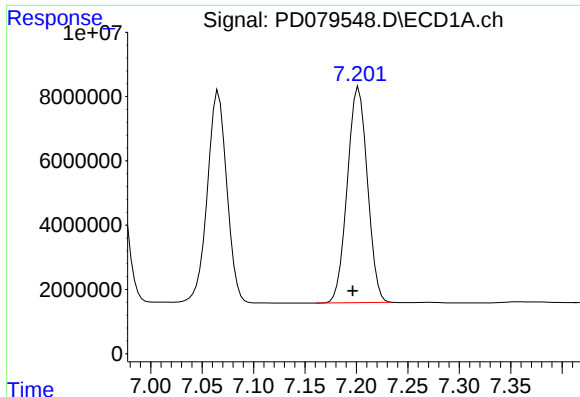
#18 Endrin aldehyde

R.T.: 6.968 min  
Delta R.T.: 0.006 min  
Response: 70245851  
Conc: 45.49 ng/ml



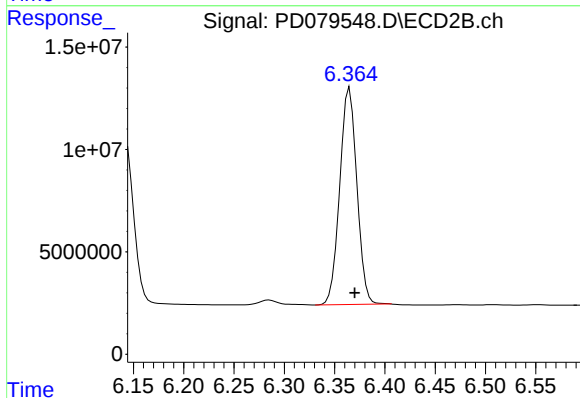
#18 Endrin aldehyde

R.T.: 6.142 min  
Delta R.T.: -0.006 min  
Response: 99926543  
Conc: 53.74 ng/ml



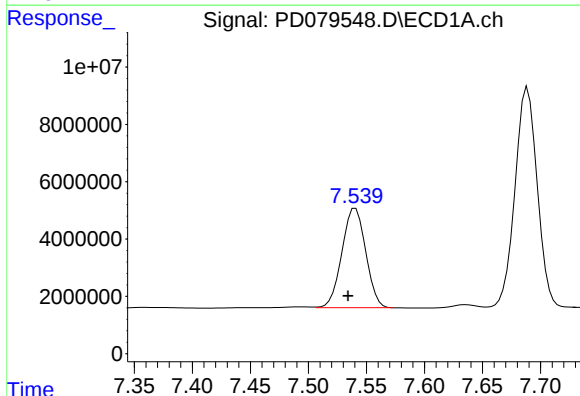
#19 Endosulfan Sulfate

R.T.: 7.202 min  
Delta R.T.: 0.006 min  
Response: 91358663  
Conc: 45.95 ng/ml



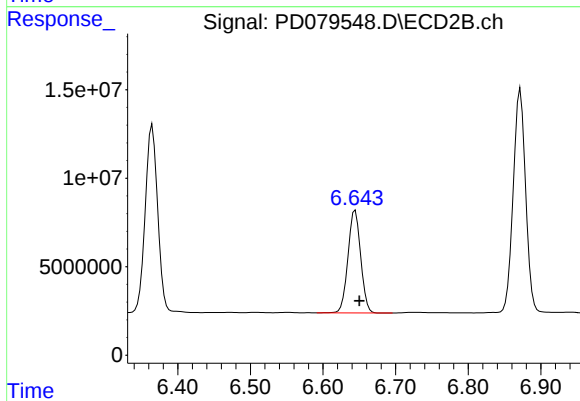
#19 Endosulfan Sulfate

R.T.: 6.365 min  
Delta R.T.: -0.005 min  
Response: 125127589  
Conc: 53.59 ng/ml



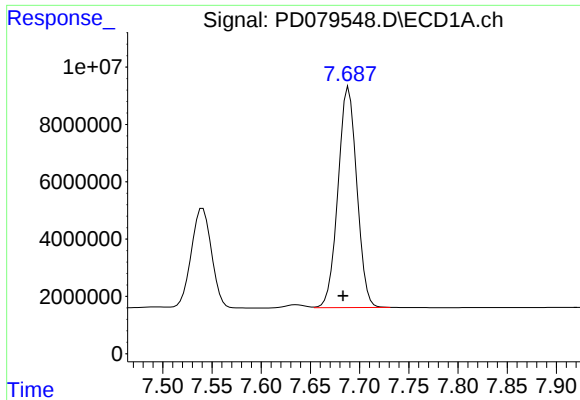
#20 Methoxychlor

R.T.: 7.541 min  
Delta R.T.: 0.006 min  
Response: 49454677  
Conc: 45.13 ng/ml



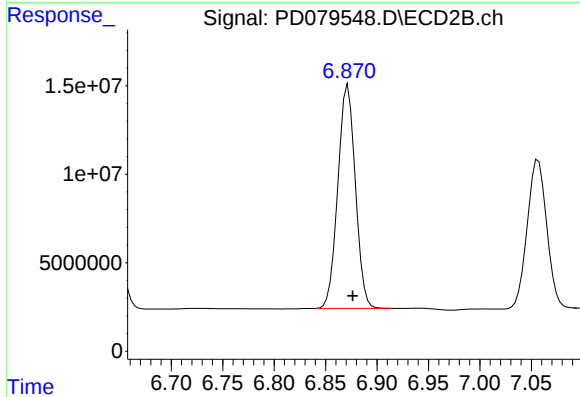
#20 Methoxychlor

R.T.: 6.644 min  
Delta R.T.: -0.006 min  
Response: 70726222  
Conc: 52.10 ng/ml



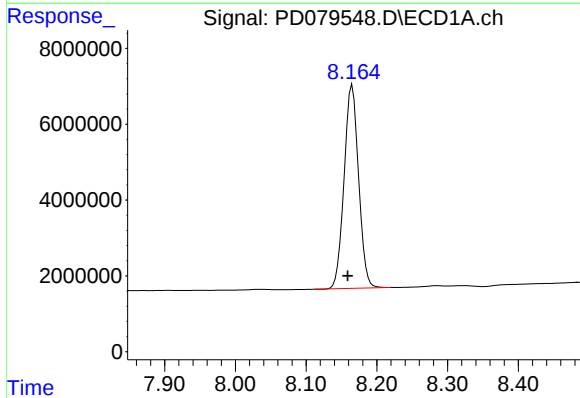
#21 Endrin ketone

R.T.: 7.689 min  
Delta R.T.: 0.006 min  
Response: 102428392  
Conc: 46.98 ng/ml



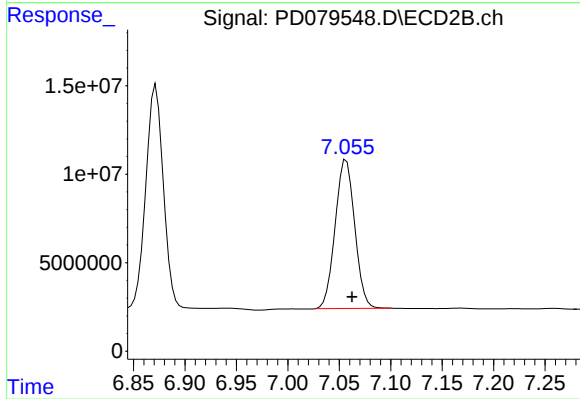
#21 Endrin ketone

R.T.: 6.872 min  
Delta R.T.: -0.005 min  
Response: 149487102  
Conc: 53.47 ng/ml



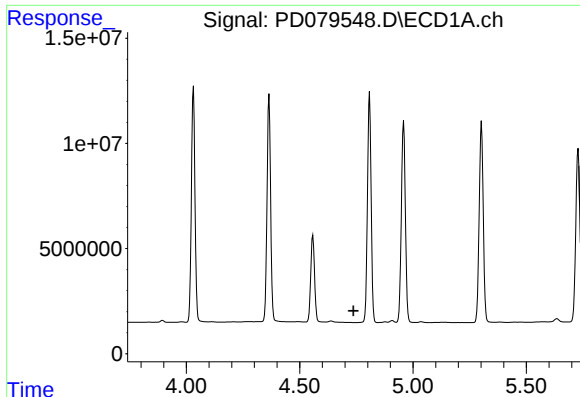
#22 Mirex

R.T.: 8.165 min  
Delta R.T.: 0.006 min  
Response: 76446398  
Conc: 45.16 ng/ml



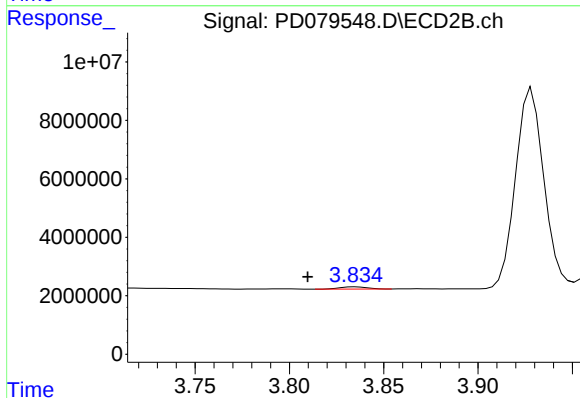
#22 Mirex

R.T.: 7.057 min  
Delta R.T.: -0.006 min  
Response: 111354681  
Conc: 52.12 ng/ml



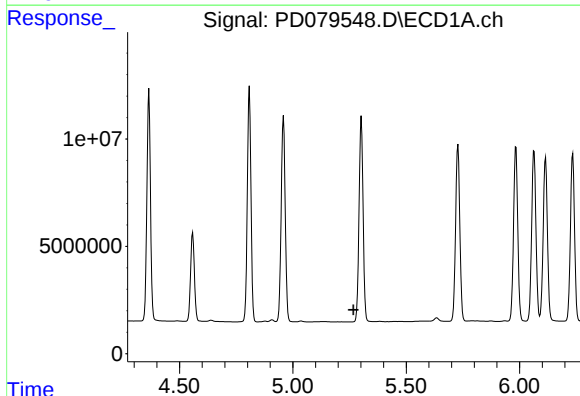
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.738 min  
Response: 0  
Conc: N.D.



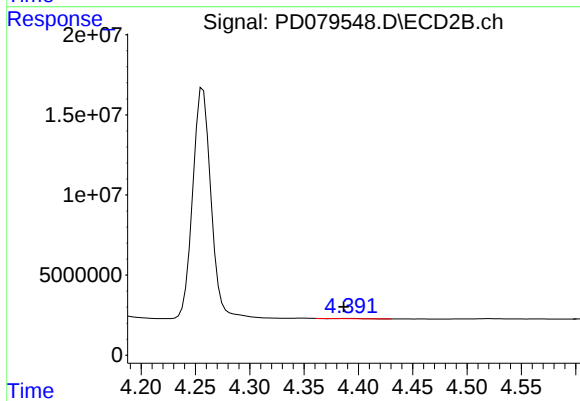
#23 Chlordane-1

R.T.: 3.835 min  
Delta R.T.: 0.025 min  
Response: 763649  
Conc: 8.79 ng/ml



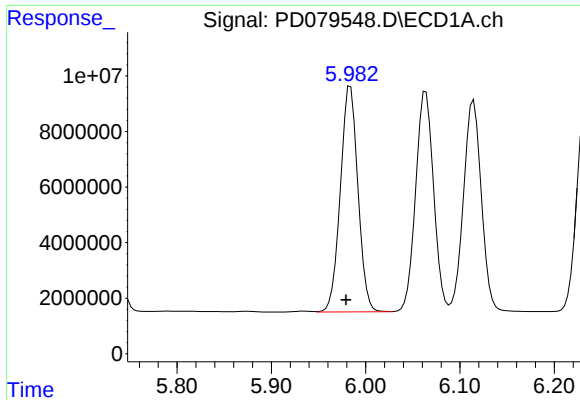
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.268 min  
Response: 0  
Conc: N.D.



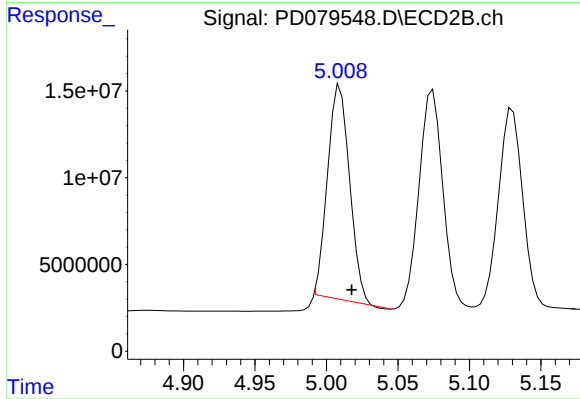
#24 Chlordane-2

R.T.: 4.391 min  
Delta R.T.: 0.005 min  
Response: 175635  
Conc: 1.93 ng/ml



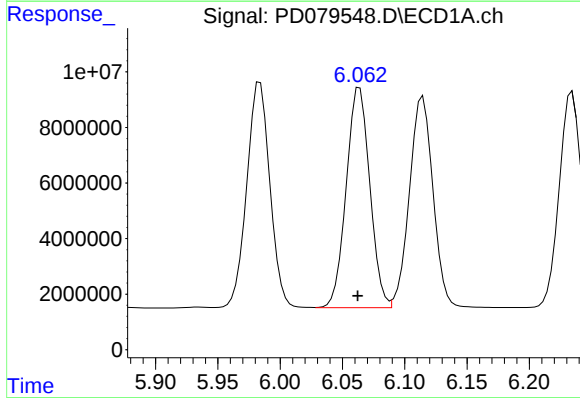
#25 Chlordane-3

R.T.: 5.984 min  
Delta R.T.: 0.005 min  
Response: 105394913  
Conc: 339.98 ng/ml



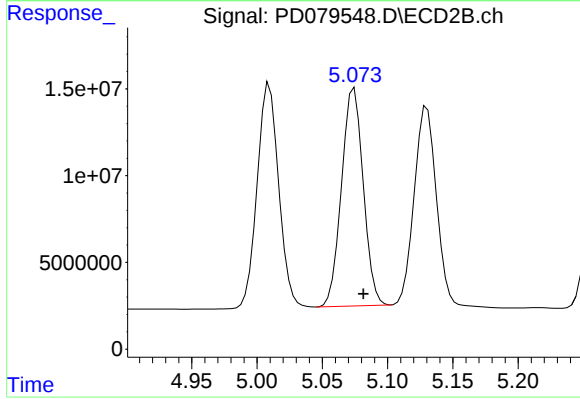
#25 Chlordane-3

R.T.: 5.010 min  
Delta R.T.: -0.008 min  
Response: 132342175  
Conc: 496.16 ng/ml



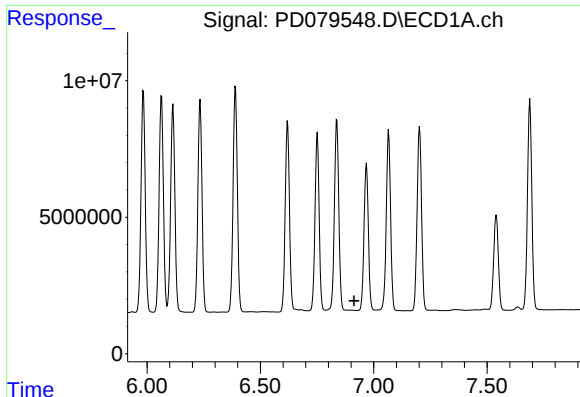
#26 Chlordane-4

R.T.: 6.064 min  
Delta R.T.: 0.001 min  
Response: 104802186  
Conc: 282.09 ng/ml



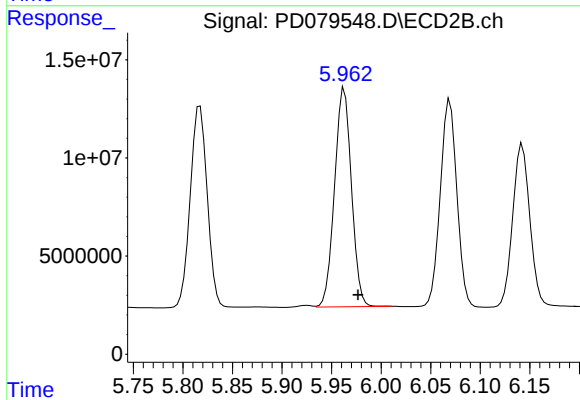
#26 Chlordane-4

R.T.: 5.074 min  
Delta R.T.: -0.007 min  
Response: 145363478  
Conc: 592.40 ng/ml



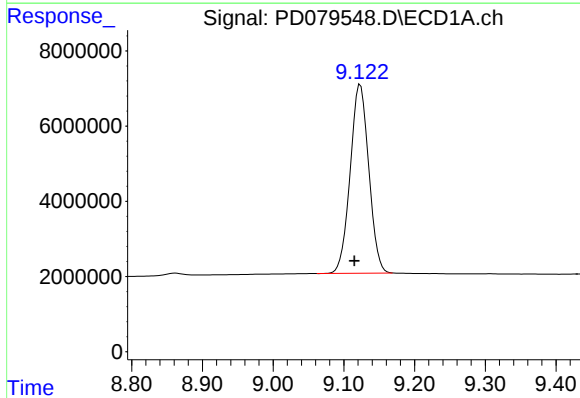
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.914 min  
Response: 0  
Conc: N.D.



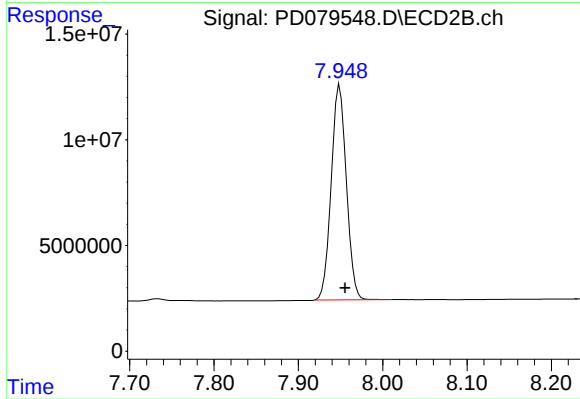
#27 Chlordane-5

R.T.: 5.963 min  
Delta R.T.: -0.014 min  
Response: 131903024  
Conc: 1323.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.123 min  
Delta R.T.: 0.009 min  
Response: 91755175  
Conc: 45.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min  
Delta R.T.: -0.006 min  
Response: 126853528  
Conc: 52.04 ng/ml