

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112823\  
 Data File : PD079857.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Nov 2023 15:41  
 Operator : AR\AJ  
 Sample : 05456-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 28 20:00:52 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

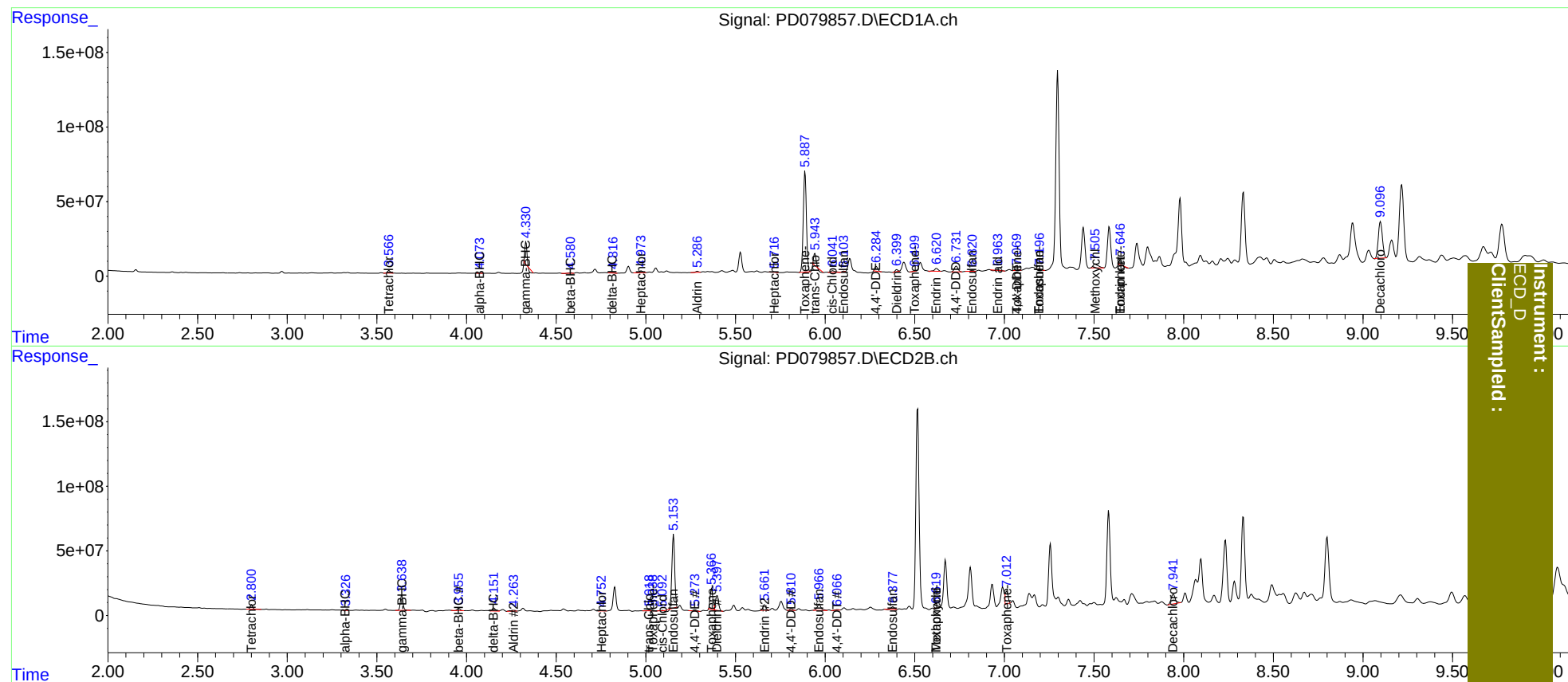
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml      | ng/ml       |
|-----------------------------|-----------------|--------|--------|----------|----------|------------|-------------|
| -----                       |                 |        |        |          |          |            |             |
| System Monitoring Compounds |                 |        |        |          |          |            |             |
| 1)                          | SA Tetrachlo... | 3.568  | 2.801  | 18238574 | 34825208 | 12.489     | 15.225      |
| 27)                         | SA Decachlor... | 9.098  | 7.943  | 388.9E6  | 122.8E6  | 219.135    | 51.451 #    |
| Target Compounds            |                 |        |        |          |          |            |             |
| 2)                          | A alpha-BHC     | 4.074f | 3.323  | 1634582  | 1231704  | 0.660      | 0.340 #     |
| 3)                          | MA gamma-BHC... | 4.332f | 3.639  | 106.8E6  | 121.2E6  | 45.209     | 35.265      |
| 4)                          | MA Heptachlor   | 4.974  | 3.999  | 14791605 | 302398   | 5.906      | <MDL #      |
| 5)                          | MB Aldrin       | 5.288  | 4.265  | 7368804  | 12160515 | 3.142      | 3.737       |
| 6)                          | B beta-BHC      | 4.582f | 3.957f | 2113588  | 17891427 | 1.947      | 10.925 #    |
| 7)                          | B delta-BHC     | 4.815  | 4.152  | 3655188  | 31704057 | 1.467      | 8.873 #     |
| 8)                          | Heptachlo...    | 5.717  | 4.753  | 2226469  | 3263488  | 1.004      | 1.055       |
| 9)                          | A Endosulfan I  | 6.105  | 5.155  | 3610715  | 603.3E6  | 1.747      | 217.633 #   |
| 10)                         | B trans-Chl...  | 5.943  | 5.019  | 60868341 | 8727812  | 28.607     | 2.940 #     |
| 11)                         | B cis-Chlor...  | 6.042  | 5.093  | 20030783 | 3299135  | 9.197      | 1.087 #     |
| 12)                         | B 4,4'-DDE      | 6.286f | 5.274  | 36342475 | 15282718 | 18.408     | 5.458 #     |
| 13)                         | MA Dieldrin     | 6.400  | 5.399  | 12843640 | 136.9E6  | 5.838      | 42.985 #    |
| 14)                         | MA Endrin       | 6.622  | 5.663  | 24903969 | 49764542 | 13.649     | 18.170 #    |
| 15)                         | B Endosulfa...  | 6.822  | 5.968  | 7266613  | 74596820 | 3.820      | 28.723 #    |
| 16)                         | A 4,4'-DDD      | 6.732  | 5.812  | 53393354 | 13307290 | 32.960     | 5.653 #     |
| 17)                         | MA 4,4'-DDT     | 7.070  | 6.068  | 14282783 | 5289847  | 8.384      | 2.202 #     |
| 19)                         | B Endosulfa...  | 7.195  | 6.378  | 6578147  | 22111883 | 3.533      | 8.899 #     |
| 20)                         | A Methoxychlor  | 7.506  | 6.623  | 49869269 | 1341374  | 54.097     | 1.044 #     |
| 21)                         | B Endrin ke...  | 7.647  | 6.887  | 32726562 | 282610   | 16.750     | <MDL #      |
| 22)                         | Toxaphene-1     | 5.888  | 5.039  | 816.6E6  | 4462531  | 119087.556 | 266.883 #   |
| 23)                         | Toxaphene-2     | 6.501  | 5.367  | 2218372  | 168.8E6  | 114.246    | 10042.157 # |
| 24)                         | Toxaphene-3     | 7.070  | 6.623  | 14282783 | 1341374  | 254.332    | 23.294 #    |
| 26)                         | Toxaphene-5     | 7.647f | 7.013f | 32726562 | 109.7E6  | 1039.821   | 3284.127 #  |
| -----                       |                 |        |        |          |          |            |             |

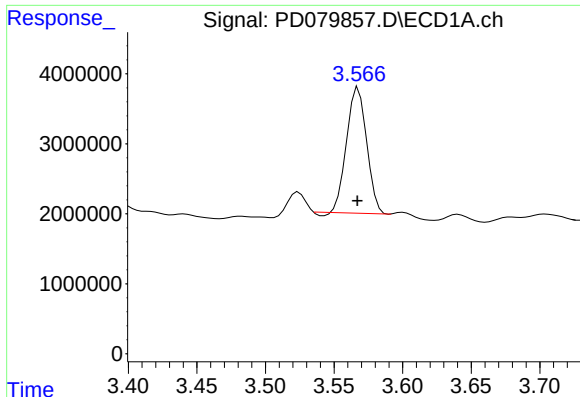
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112823\  
Data File : PD079857.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Nov 2023 15:41  
Operator : AR\AJ  
Sample : 05456-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 28 20:00:52 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

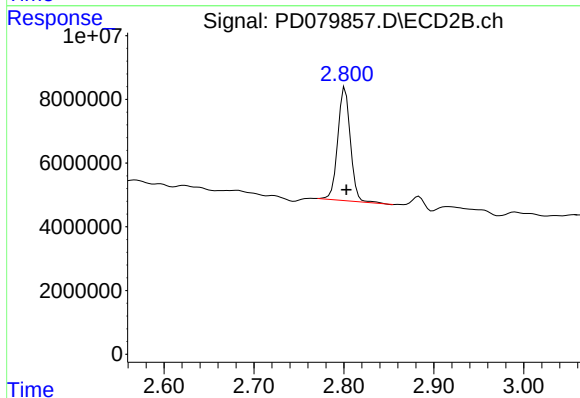




#1 Tetrachloro-m-xylene

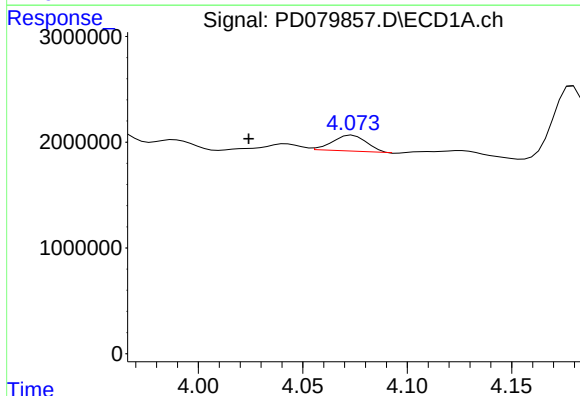
R.T.: 3.568 min  
Delta R.T.: 0.000 min  
Response: 18238574  
Conc: 12.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



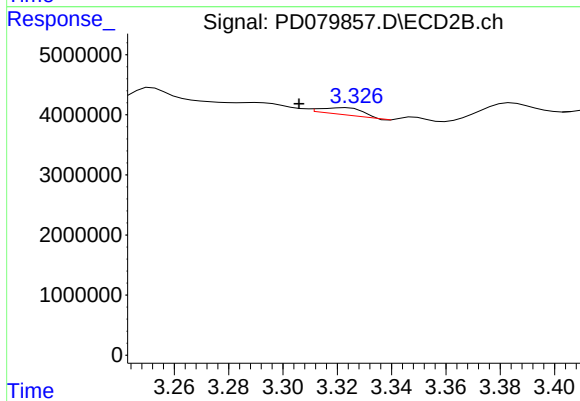
#1 Tetrachloro-m-xylene

R.T.: 2.801 min  
Delta R.T.: -0.001 min  
Response: 34825208  
Conc: 15.23 ng/ml



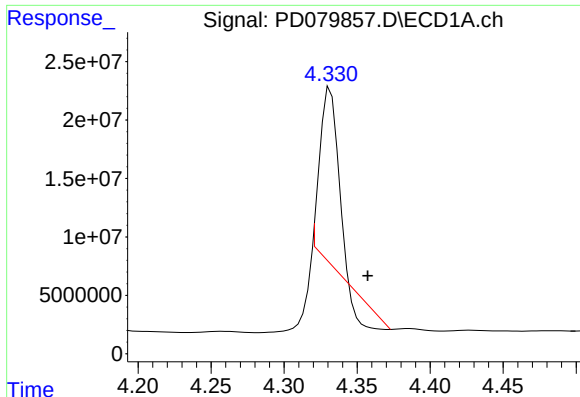
#2 alpha-BHC

R.T.: 4.074 min  
Delta R.T.: 0.050 min  
Response: 1634582  
Conc: 0.66 ng/ml



#2 alpha-BHC

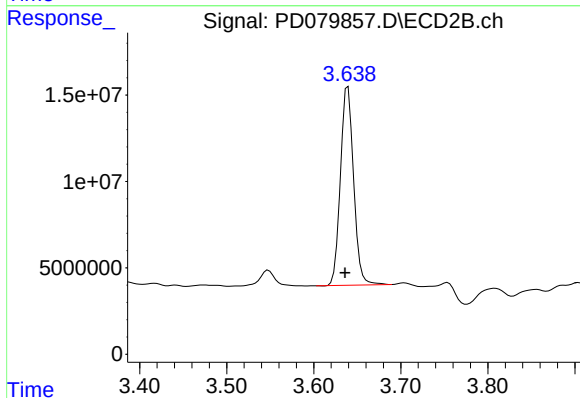
R.T.: 3.323 min  
Delta R.T.: 0.017 min  
Response: 1231704  
Conc: 0.34 ng/ml



#3 gamma-BHC (Lindane)

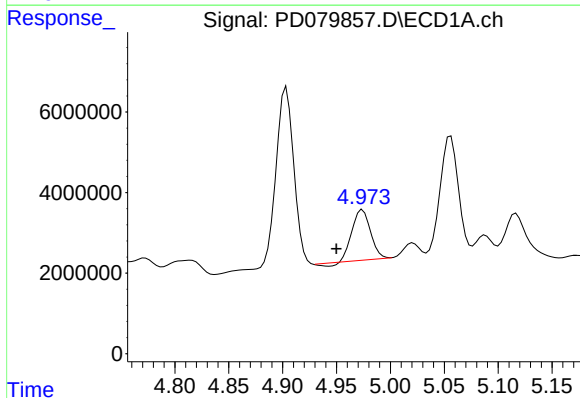
R.T.: 4.332 min  
Delta R.T.: -0.025 min  
Response: 106810581  
Conc: 45.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



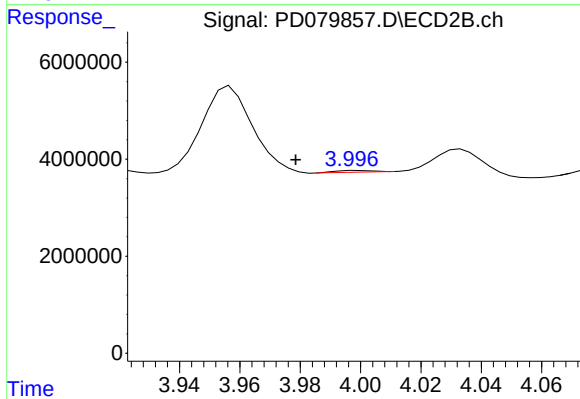
#3 gamma-BHC (Lindane)

R.T.: 3.639 min  
Delta R.T.: 0.004 min  
Response: 121154077  
Conc: 35.27 ng/ml



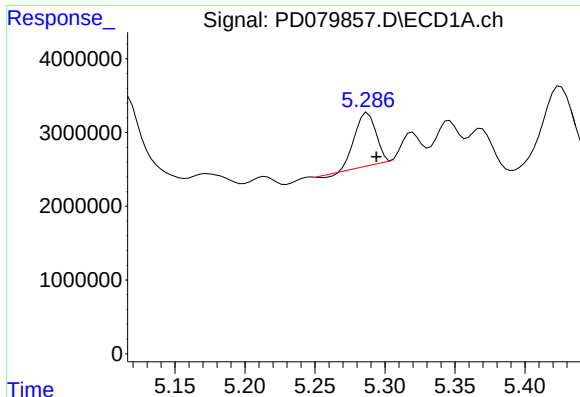
#4 Heptachlor

R.T.: 4.974 min  
Delta R.T.: 0.024 min  
Response: 14791605  
Conc: 5.91 ng/ml



#4 Heptachlor

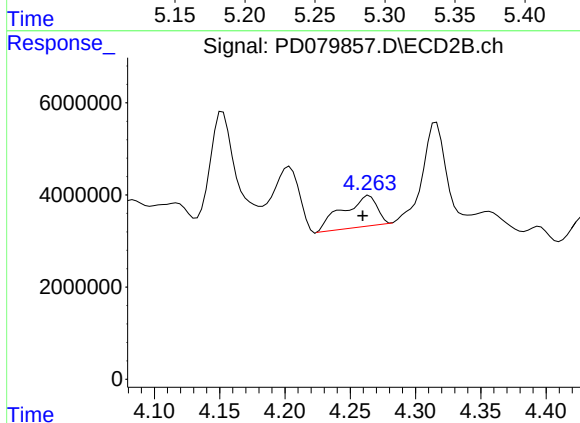
R.T.: 3.999 min  
Delta R.T.: 0.021 min  
Response: 302398  
Conc: N.D.



#5 Aldrin

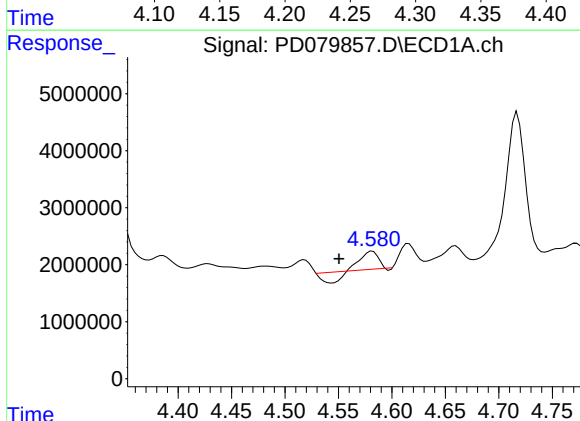
R.T.: 5.288 min  
Delta R.T.: -0.006 min  
Response: 7368804  
Conc: 3.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



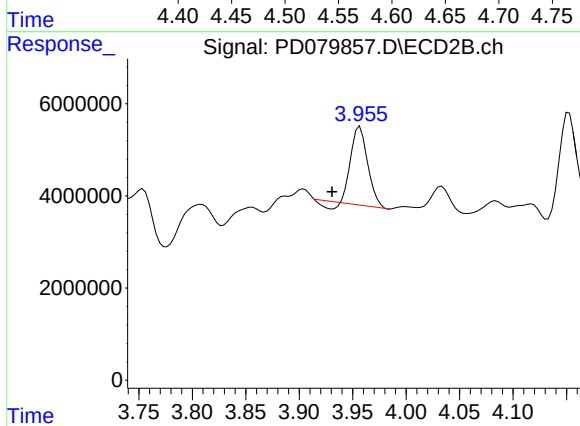
#5 Aldrin

R.T.: 4.265 min  
Delta R.T.: 0.005 min  
Response: 12160515  
Conc: 3.74 ng/ml



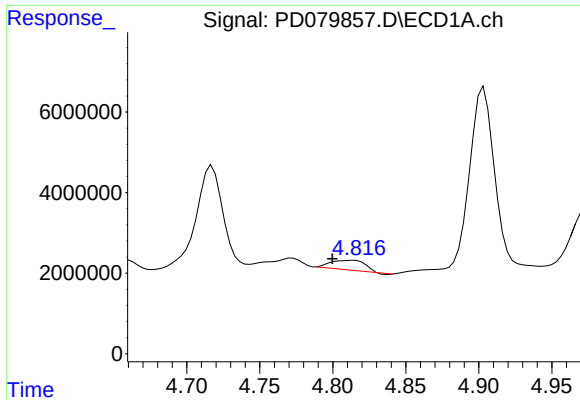
#6 beta-BHC

R.T.: 4.582 min  
Delta R.T.: 0.031 min  
Response: 2113588  
Conc: 1.95 ng/ml



#6 beta-BHC

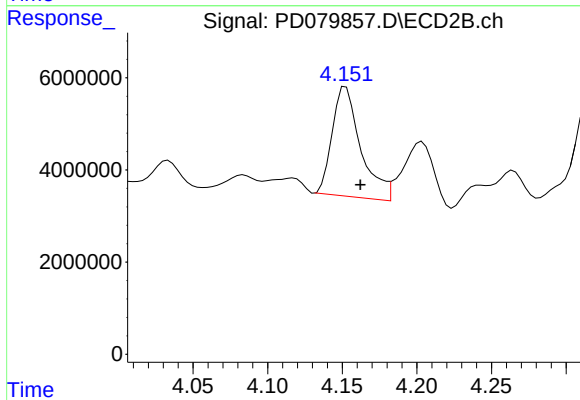
R.T.: 3.957 min  
Delta R.T.: 0.026 min  
Response: 17891427  
Conc: 10.92 ng/ml



#7 delta-BHC

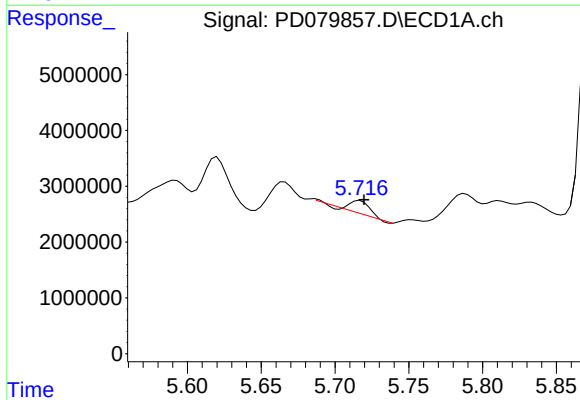
R.T.: 4.815 min  
Delta R.T.: 0.015 min  
Response: 3655188  
Conc: 1.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



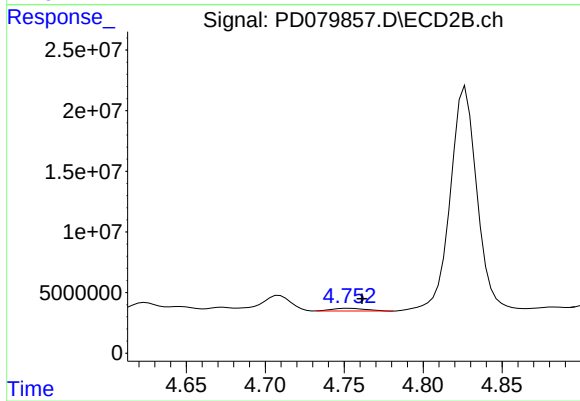
#7 delta-BHC

R.T.: 4.152 min  
Delta R.T.: -0.010 min  
Response: 31704057  
Conc: 8.87 ng/ml



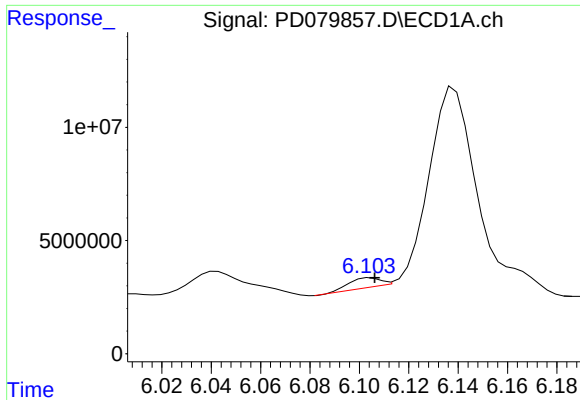
#8 Heptachlor epoxide

R.T.: 5.717 min  
Delta R.T.: -0.003 min  
Response: 2226469  
Conc: 1.00 ng/ml



#8 Heptachlor epoxide

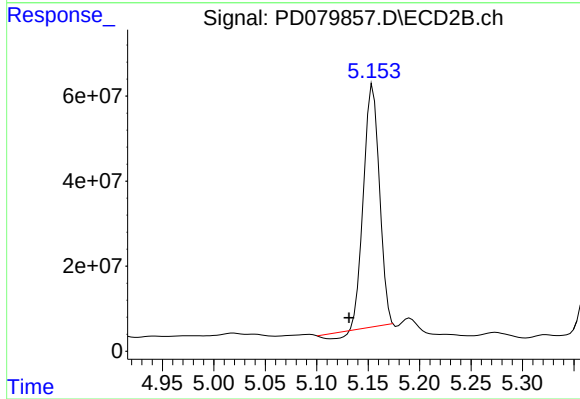
R.T.: 4.753 min  
Delta R.T.: -0.008 min  
Response: 3263488  
Conc: 1.06 ng/ml



#9 Endosulfan I

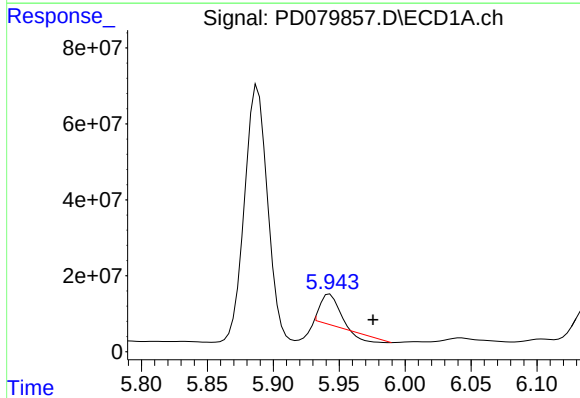
R.T.: 6.105 min  
Delta R.T.: -0.002 min  
Response: 3610715  
Conc: 1.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



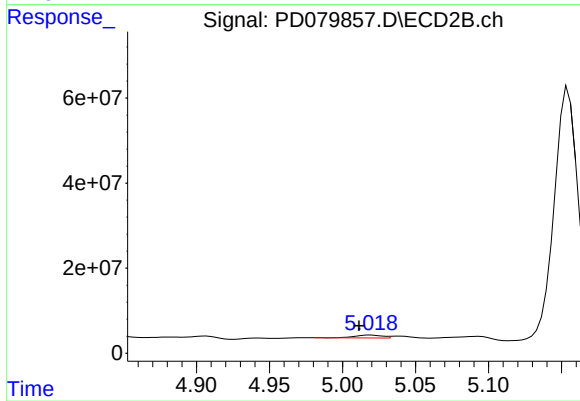
#9 Endosulfan I

R.T.: 5.155 min  
Delta R.T.: 0.023 min  
Response: 603333938  
Conc: 217.63 ng/ml



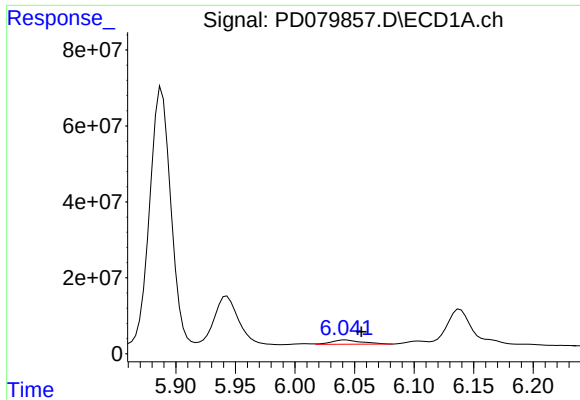
#10 trans-Chlordane

R.T.: 5.943 min  
Delta R.T.: -0.033 min  
Response: 60868341  
Conc: 28.61 ng/ml



#10 trans-Chlordane

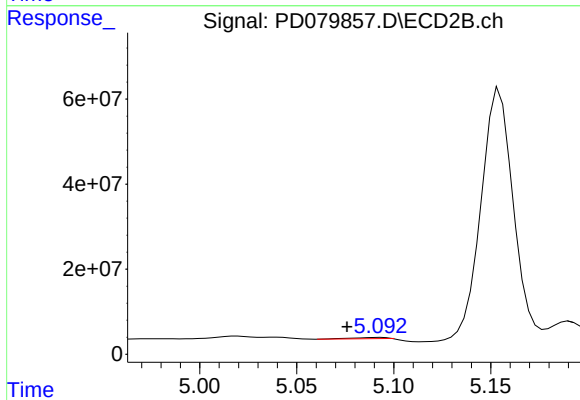
R.T.: 5.019 min  
Delta R.T.: 0.008 min  
Response: 8727812  
Conc: 2.94 ng/ml



#11 cis-Chlordane

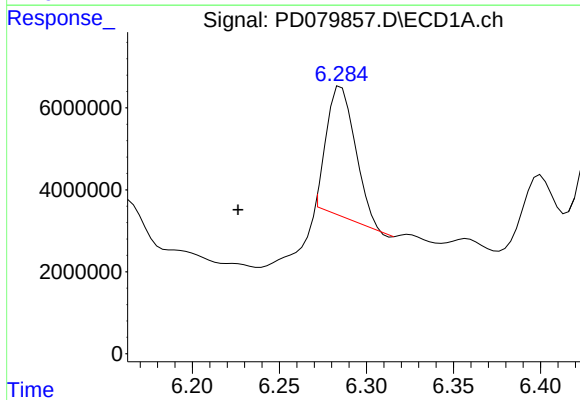
R.T.: 6.042 min  
Delta R.T.: -0.013 min  
Response: 20030783  
Conc: 9.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



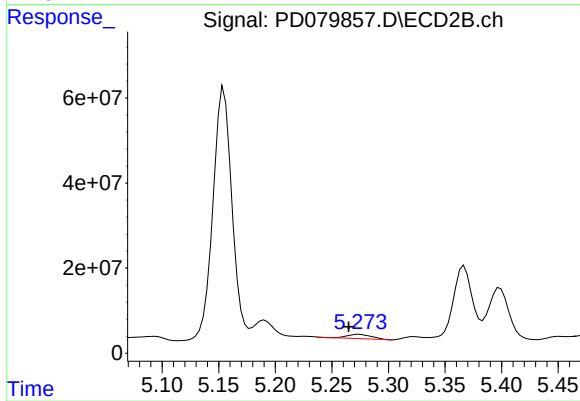
#11 cis-Chlordane

R.T.: 5.093 min  
Delta R.T.: 0.017 min  
Response: 3299135  
Conc: 1.09 ng/ml



#12 4,4'-DDE

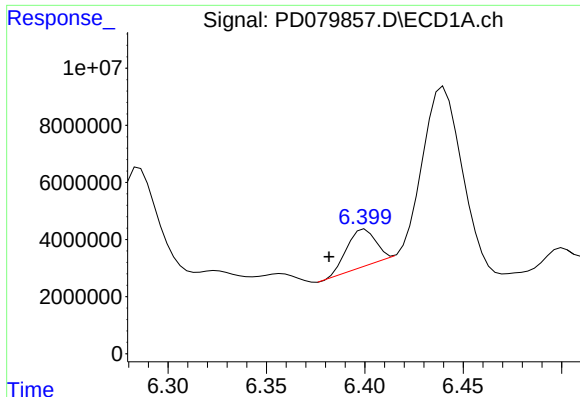
R.T.: 6.286 min  
Delta R.T.: 0.059 min  
Response: 36342475  
Conc: 18.41 ng/ml



#12 4,4'-DDE

R.T.: 5.274 min  
Delta R.T.: 0.009 min  
Response: 15282718  
Conc: 5.46 ng/ml

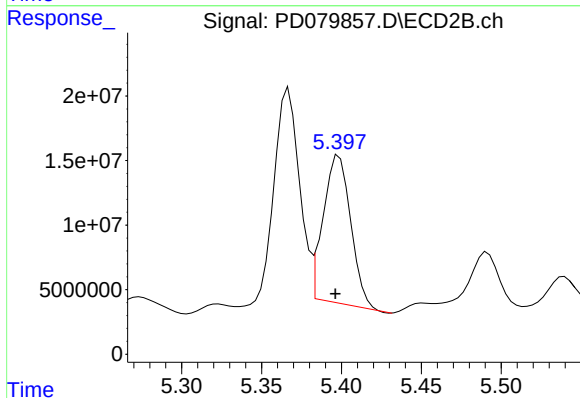




#13 Dieldrin

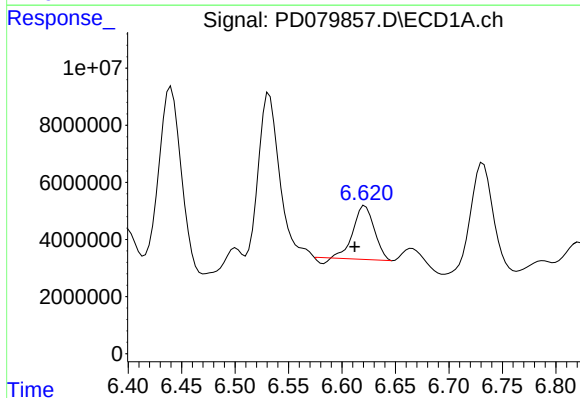
R.T.: 6.400 min  
Delta R.T.: 0.018 min  
Response: 12843640  
Conc: 5.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



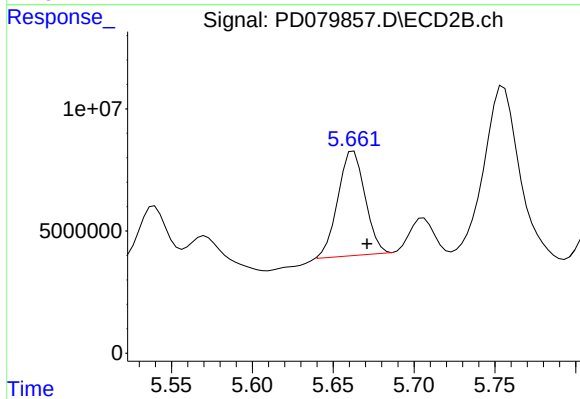
#13 Dieldrin

R.T.: 5.399 min  
Delta R.T.: 0.002 min  
Response: 136874307  
Conc: 42.99 ng/ml



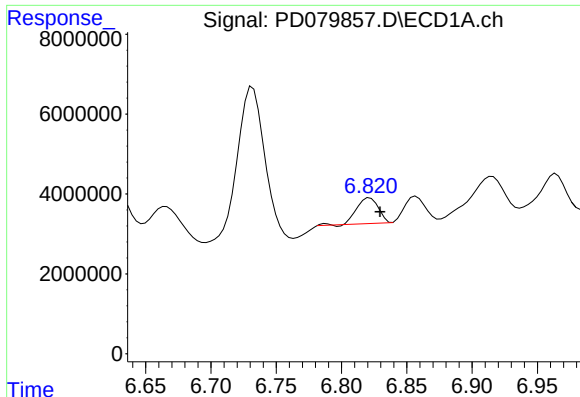
#14 Endrin

R.T.: 6.622 min  
Delta R.T.: 0.010 min  
Response: 24903969  
Conc: 13.65 ng/ml



#14 Endrin

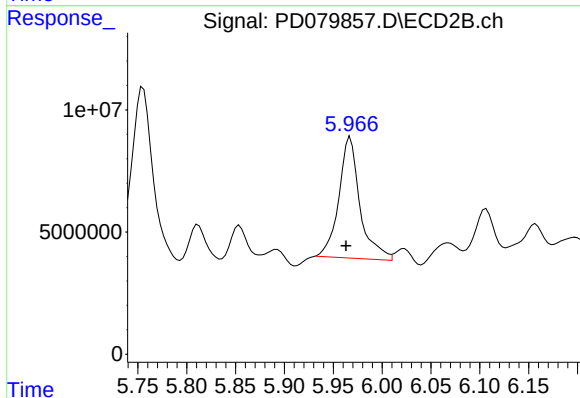
R.T.: 5.663 min  
Delta R.T.: -0.008 min  
Response: 49764542  
Conc: 18.17 ng/ml



#15 Endosulfan II

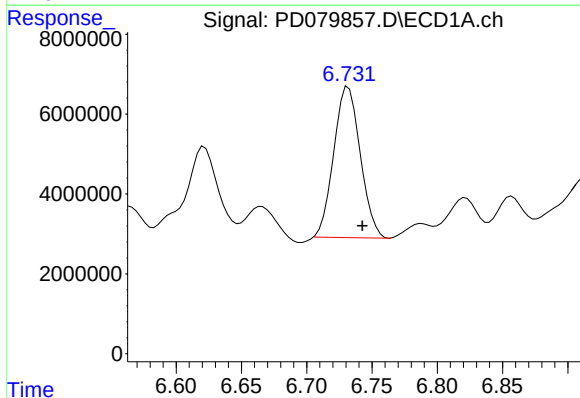
R.T.: 6.822 min  
Delta R.T.: -0.008 min  
Response: 7266613  
Conc: 3.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



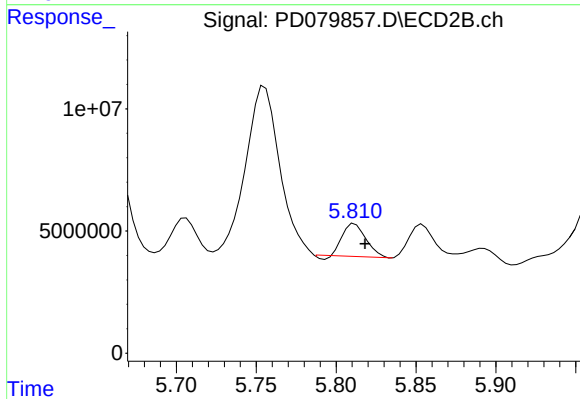
#15 Endosulfan II

R.T.: 5.968 min  
Delta R.T.: 0.004 min  
Response: 74596820  
Conc: 28.72 ng/ml



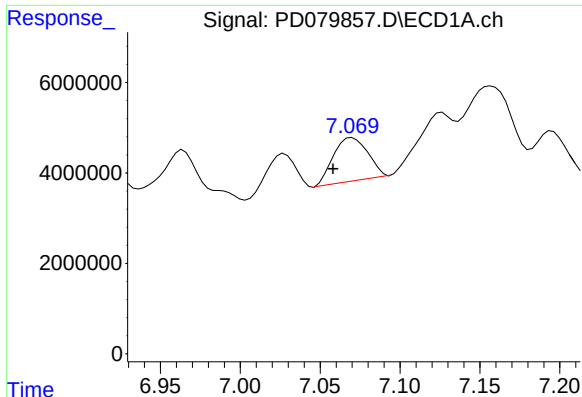
#16 4,4'-DDD

R.T.: 6.732 min  
Delta R.T.: -0.011 min  
Response: 53393354  
Conc: 32.96 ng/ml



#16 4,4'-DDD

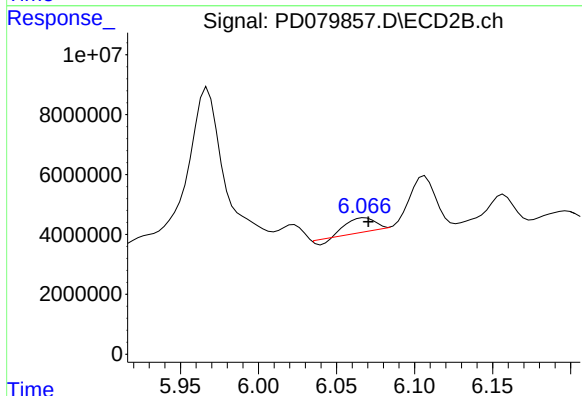
R.T.: 5.812 min  
Delta R.T.: -0.007 min  
Response: 13307290  
Conc: 5.65 ng/ml



#17 4,4'-DDT

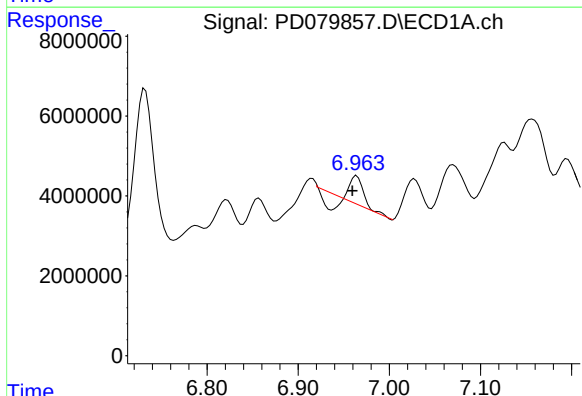
R.T.: 7.070 min  
Delta R.T.: 0.012 min  
Response: 14282783  
Conc: 8.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



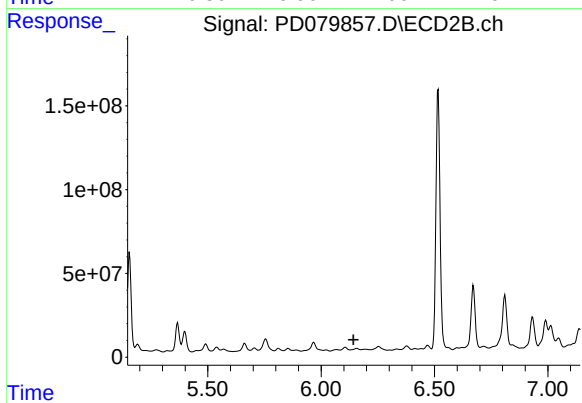
#17 4,4'-DDT

R.T.: 6.068 min  
Delta R.T.: -0.002 min  
Response: 5289847  
Conc: 2.20 ng/ml



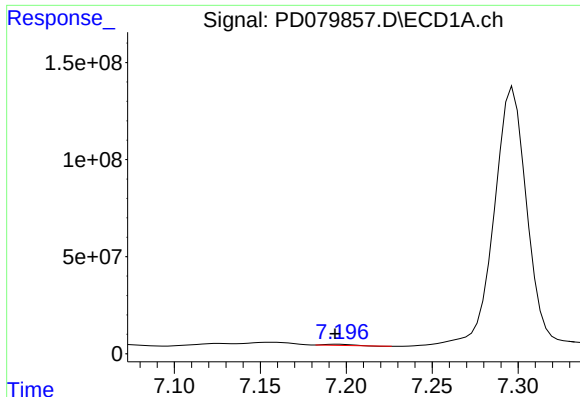
#18 Endrin aldehyde

R.T.: 6.964 min  
Delta R.T.: 0.005 min  
Response: 4274200  
Conc: 2.87 ng/ml



#18 Endrin aldehyde

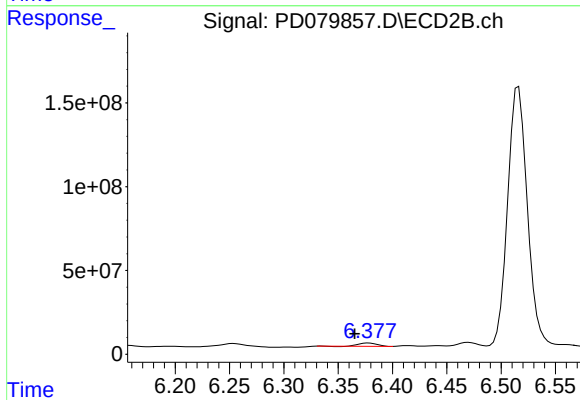
R.T.: 6.157 min  
Delta R.T.: 0.014 min  
Response: -9694167  
Conc: N.D.



#19 Endosulfan Sulfate

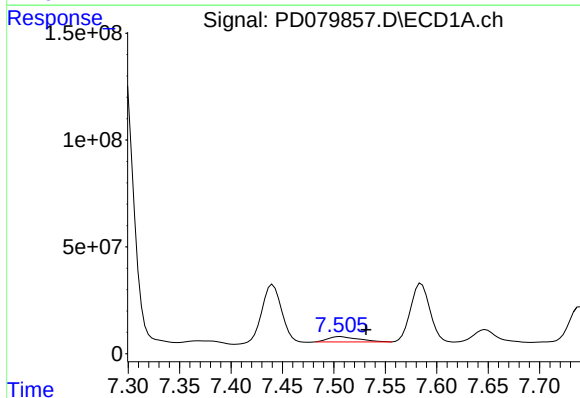
R.T.: 7.195 min  
Delta R.T.: 0.002 min  
Response: 6578147  
Conc: 3.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



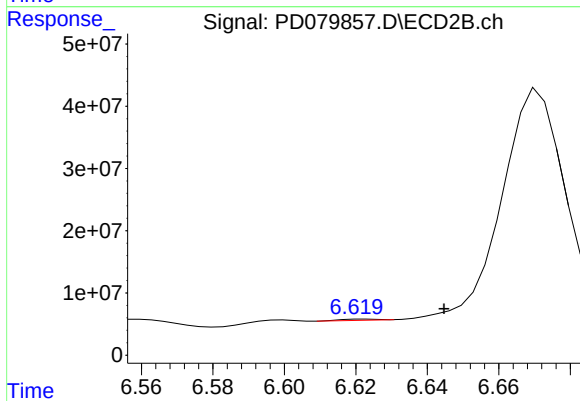
#19 Endosulfan Sulfate

R.T.: 6.378 min  
Delta R.T.: 0.013 min  
Response: 22111883  
Conc: 8.90 ng/ml



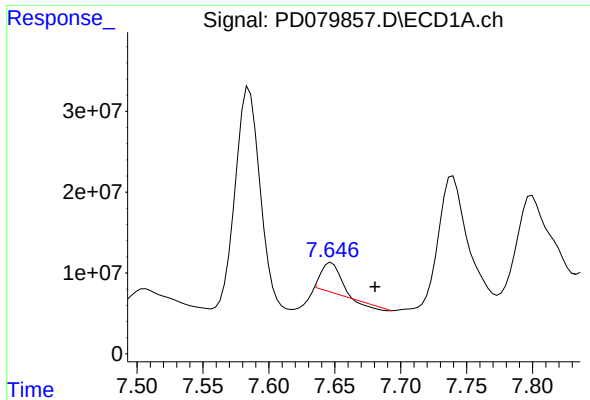
#20 Methoxychlor

R.T.: 7.506 min  
Delta R.T.: -0.025 min  
Response: 49869269  
Conc: 54.10 ng/ml



#20 Methoxychlor

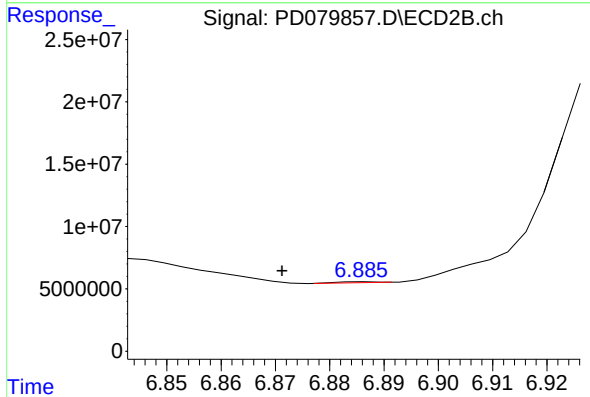
R.T.: 6.623 min  
Delta R.T.: -0.022 min  
Response: 1341374  
Conc: 1.04 ng/ml



#21 Endrin ketone

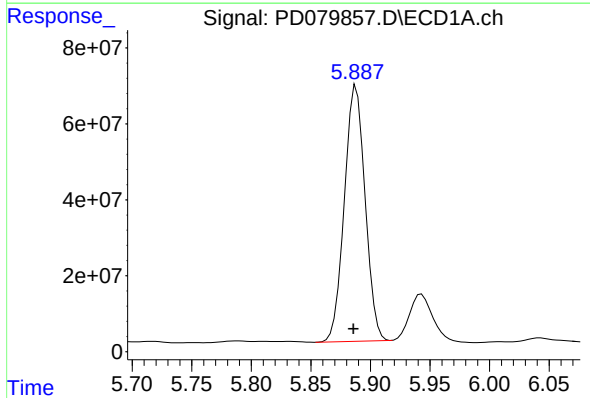
R.T.: 7.647 min  
Delta R.T.: -0.033 min  
Response: 32726562  
Conc: 16.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



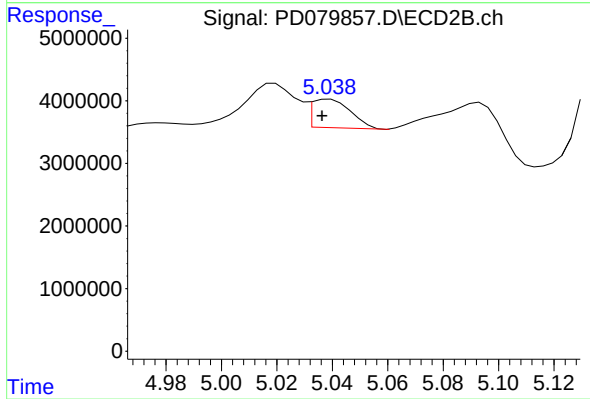
#21 Endrin ketone

R.T.: 6.887 min  
Delta R.T.: 0.016 min  
Response: 282610  
Conc: N.D.



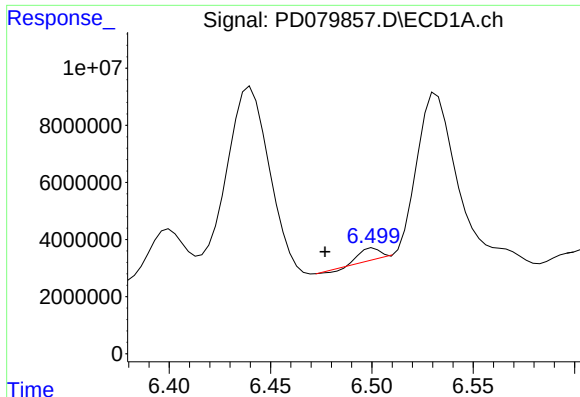
#22 Toxaphene-1

R.T.: 5.888 min  
Delta R.T.: 0.002 min  
Response: 816623882  
Conc: 119087.56 ng/ml



#22 Toxaphene-1

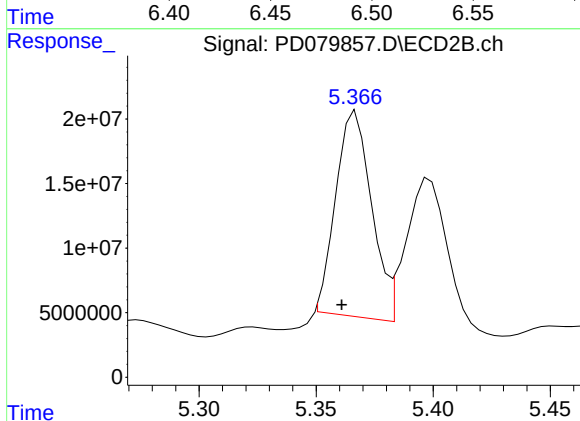
R.T.: 5.039 min  
Delta R.T.: 0.003 min  
Response: 4462531  
Conc: 266.88 ng/ml



#23 Toxaphene-2

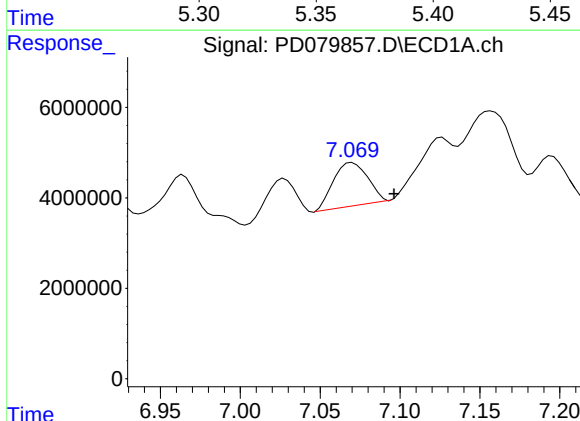
R.T.: 6.501 min  
Delta R.T.: 0.024 min  
Response: 2218372  
Conc: 114.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



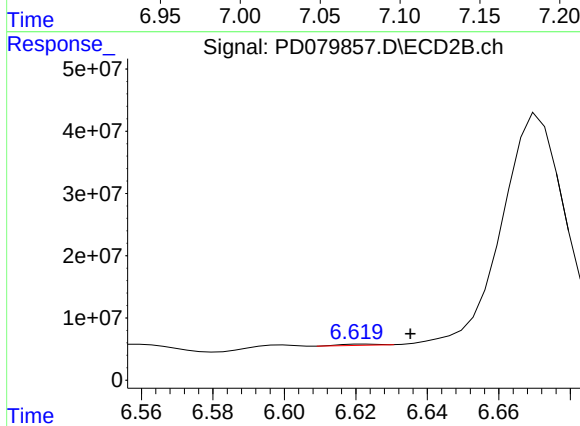
#23 Toxaphene-2

R.T.: 5.367 min  
Delta R.T.: 0.006 min  
Response: 168753392  
Conc: 10042.16 ng/ml



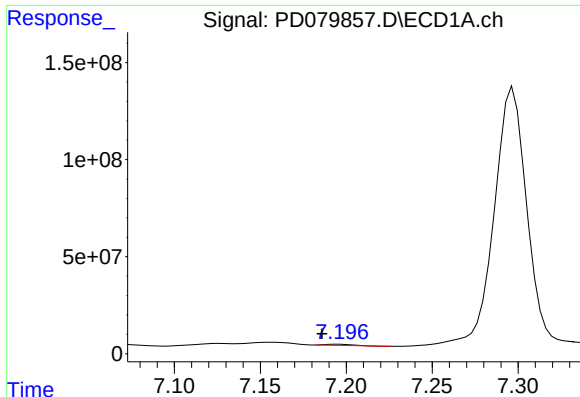
#24 Toxaphene-3

R.T.: 7.070 min  
Delta R.T.: -0.026 min  
Response: 14282783  
Conc: 254.33 ng/ml



#24 Toxaphene-3

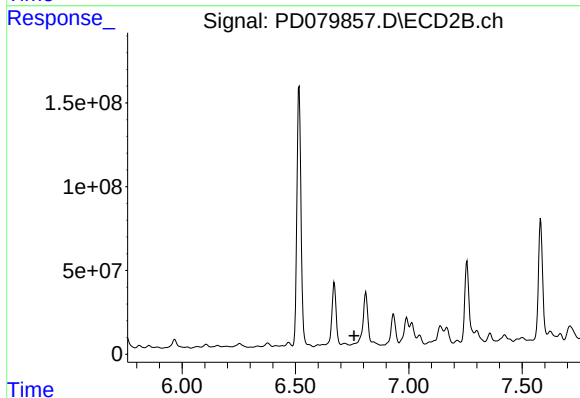
R.T.: 6.623 min  
Delta R.T.: -0.013 min  
Response: 1341374  
Conc: 23.29 ng/ml



#25 Toxaphene-4

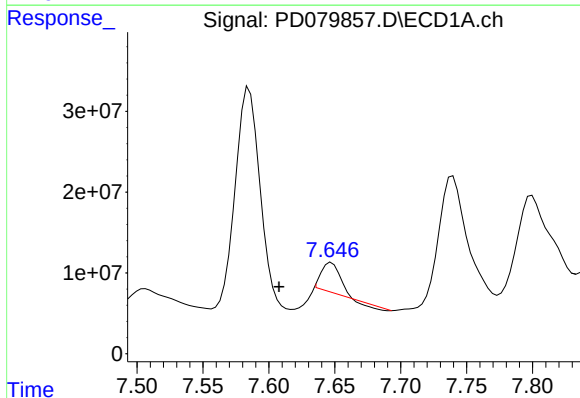
R.T.: 7.195 min  
Delta R.T.: 0.009 min  
Response: 6578147  
Conc: 156.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



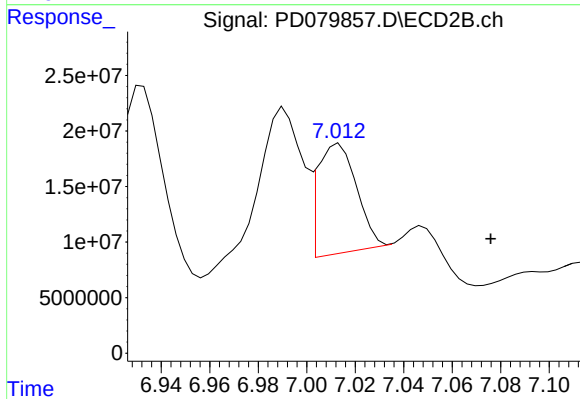
#25 Toxaphene-4

R.T.: 6.717 min  
Delta R.T.: -0.042 min  
Response: -13331803  
Conc: N.D.



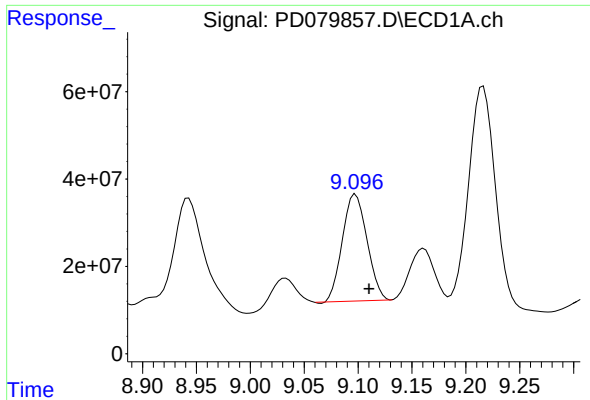
#26 Toxaphene-5

R.T.: 7.647 min  
Delta R.T.: 0.040 min  
Response: 32726562  
Conc: 1039.82 ng/ml



#26 Toxaphene-5

R.T.: 7.013 min  
Delta R.T.: -0.062 min  
Response: 109653383  
Conc: 3284.13 ng/ml



#27 Decachlorobiphenyl

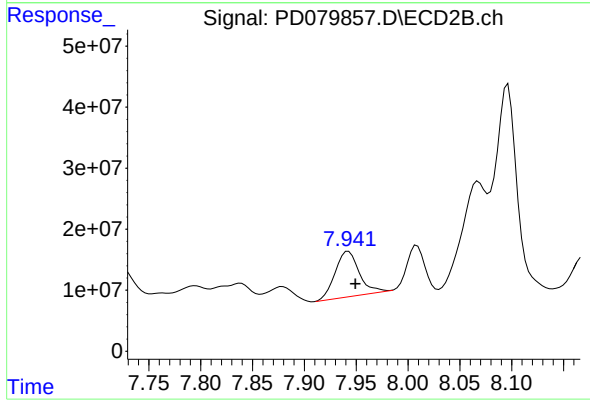
R.T.: 9.098 min

Delta R.T.: -0.013 min

Response: 388864111

Conc: 219.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.943 min

Delta R.T.: -0.007 min

Response: 122837171

Conc: 51.45 ng/ml