

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110823\  
 Data File : PD079487.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Nov 2023 11:11  
 Operator : AR\AJ  
 Sample : 05168-05DL 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 06 20:27:29 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

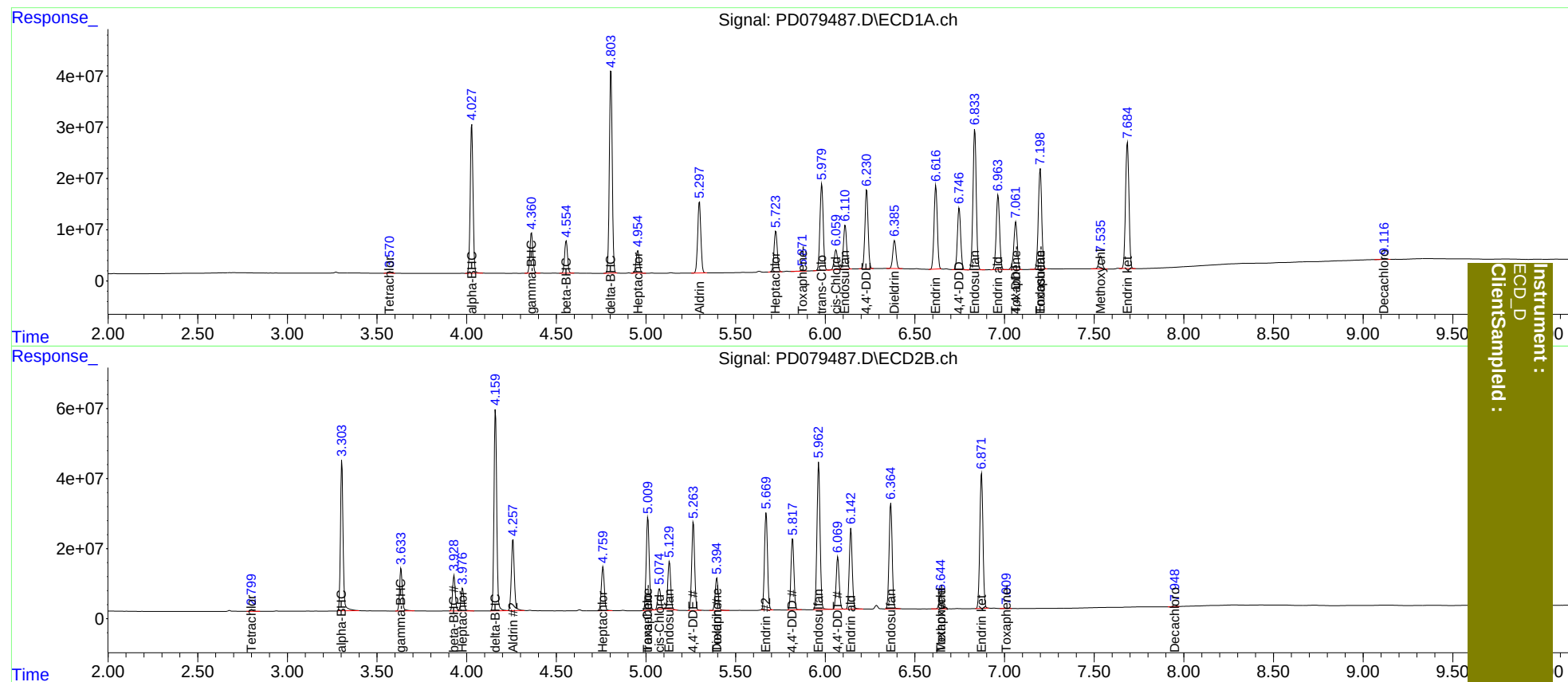
|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml       |
|-----------------------------|-----------------|-------|--------|----------|----------|----------|-------------|
| -----                       |                 |       |        |          |          |          |             |
| System Monitoring Compounds |                 |       |        |          |          |          |             |
| 1)                          | SA Tetrachlo... | 3.571 | 2.801  | 4295655  | 5010595  | 2.941    | 2.191 #     |
| 27)                         | SA Decachlor... | 9.118 | 7.950  | 3730446  | 5587323  | 2.102    | 2.340       |
| Target Compounds            |                 |       |        |          |          |          |             |
| 2)                          | A alpha-BHC     | 4.029 | 3.304  | 317.1E6  | 437.9E6  | 127.997  | 120.783     |
| 3)                          | MA gamma-BHC... | 4.362 | 3.634  | 89445118 | 128.8E6  | 37.858   | 37.481      |
| 4)                          | MA Heptachlor   | 4.955 | 3.977  | 53476587 | 74075343 | 21.351   | 22.203      |
| 5)                          | MB Aldrin       | 5.298 | 4.258  | 170.7E6  | 238.5E6  | 72.773   | 73.283      |
| 6)                          | B beta-BHC      | 4.555 | 3.930  | 71890693 | 105.5E6  | 66.210   | 64.406      |
| 7)                          | B delta-BHC     | 4.805 | 4.161  | 443.4E6  | 611.1E6  | 177.922  | 171.045     |
| 8)                          | B Heptachlo...  | 5.724 | 4.760  | 99628449 | 144.5E6  | 44.940   | 46.716      |
| 9)                          | A Endosulfan I  | 6.111 | 5.131  | 109.1E6  | 154.0E6  | 52.766   | 55.546      |
| 10)                         | B trans-Chl...  | 5.981 | 5.011  | 212.3E6  | 312.8E6  | 99.795   | 105.355     |
| 11)                         | B cis-Chlor...  | 6.060 | 5.075  | 50509838 | 68036059 | 23.191   | 22.413      |
| 12)                         | B 4,4'-DDE      | 6.231 | 5.264  | 188.7E6  | 288.7E6  | 95.579   | 103.088     |
| 13)                         | MA Dieldrin     | 6.387 | 5.396  | 69170865 | 109.9E6  | 31.444   | 34.499      |
| 14)                         | MA Endrin       | 6.617 | 5.670  | 206.5E6  | 327.3E6  | 113.179  | 119.505     |
| 15)                         | B Endosulfa...  | 6.834 | 5.963  | 347.5E6  | 506.0E6  | 182.665  | 194.828     |
| 16)                         | A 4,4'-DDD      | 6.747 | 5.818  | 153.4E6  | 236.1E6  | 94.696   | 100.274     |
| 17)                         | MA 4,4'-DDT     | 7.063 | 6.070  | 125.2E6  | 177.3E6  | 73.459   | 73.808      |
| 18)                         | B Endrin al...  | 6.964 | 6.143  | 191.4E6  | 269.5E6  | 128.439  | 133.163     |
| 19)                         | B Endosulfa...  | 7.199 | 6.366  | 257.5E6  | 360.3E6  | 138.284  | 145.019     |
| 20)                         | A Methoxychlor  | 7.536 | 6.645  | 33626365 | 48820740 | 36.477   | 37.982      |
| 21)                         | B Endrin ke...  | 7.685 | 6.872  | 326.6E6  | 474.0E6  | 167.187  | 166.711     |
| 22)                         | Toxaphene-1     | 5.873 | 5.011  | 3249042  | 312.8E6  | 473.805  | 18705.128 # |
| 23)                         | Toxaphene-2     | 0.000 | 5.396  | 0        | 109.9E6  | N.D.     | 6537.056    |
| 24)                         | Toxaphene-3     | 7.063 | 6.645  | 125.2E6  | 48820740 | 2228.532 | 847.811 #   |
| 25)                         | Toxaphene-4     | 7.199 | 0.000  | 257.5E6  | 0        | 6142.122 | N.D. #      |
| 26)                         | Toxaphene-5     | 0.000 | 7.010f | 0        | 381315   | N.D.     | 11.420      |
| -----                       |                 |       |        |          |          |          |             |

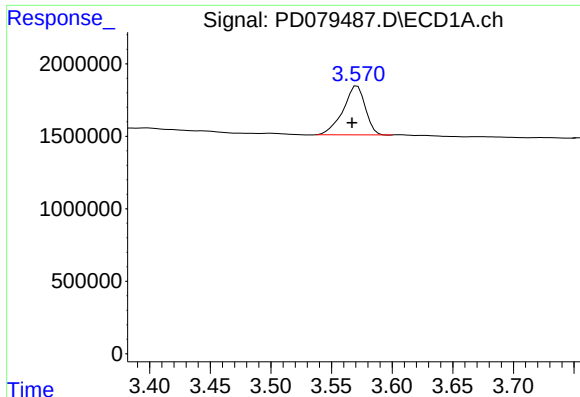
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110823\  
Data File : PD079487.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Nov 2023 11:11  
Operator : AR\AJ  
Sample : 05168-05DL 10X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 06 20:27:29 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

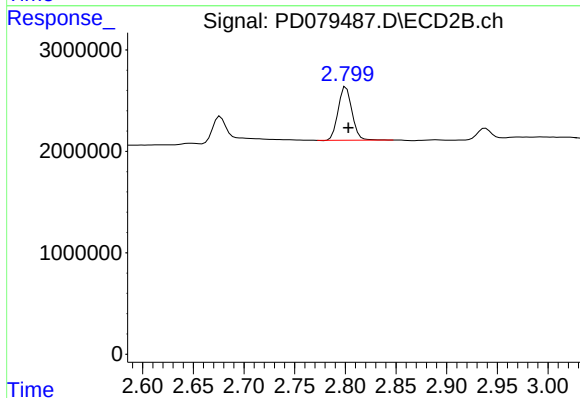




#1 Tetrachloro-m-xylene

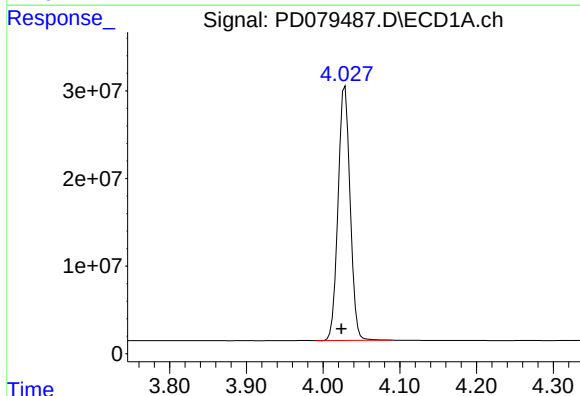
R.T.: 3.571 min  
Delta R.T.: 0.004 min  
Response: 4295655  
Conc: 2.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



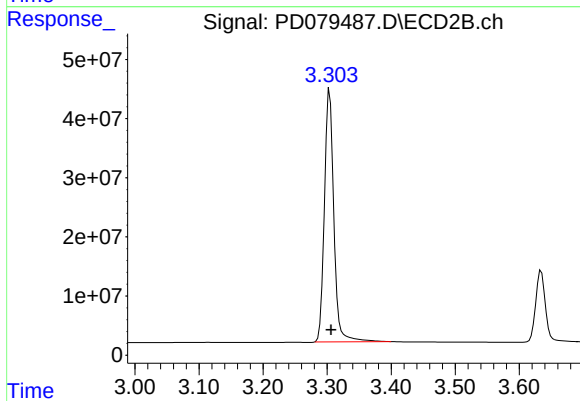
#1 Tetrachloro-m-xylene

R.T.: 2.801 min  
Delta R.T.: -0.002 min  
Response: 5010595  
Conc: 2.19 ng/ml



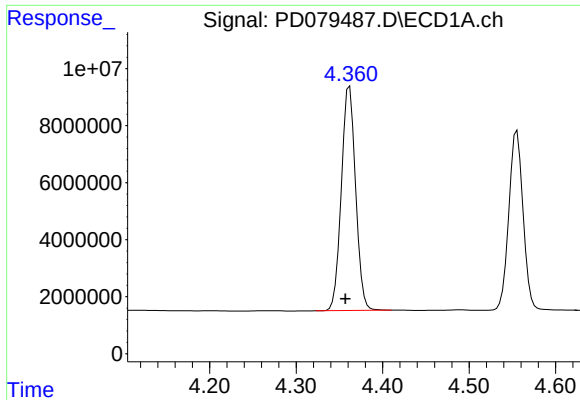
#2 alpha-BHC

R.T.: 4.029 min  
Delta R.T.: 0.005 min  
Response: 317130192  
Conc: 128.00 ng/ml



#2 alpha-BHC

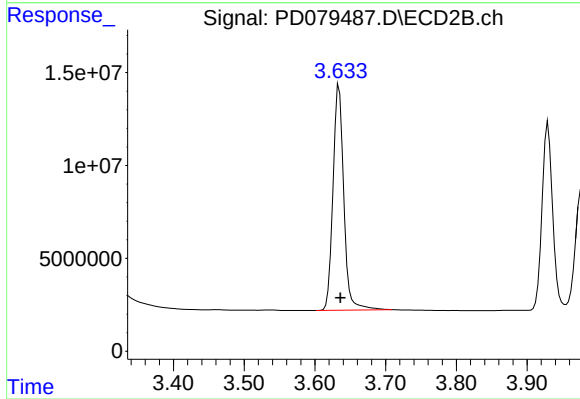
R.T.: 3.304 min  
Delta R.T.: -0.002 min  
Response: 437934983  
Conc: 120.78 ng/ml



#3 gamma-BHC (Lindane)

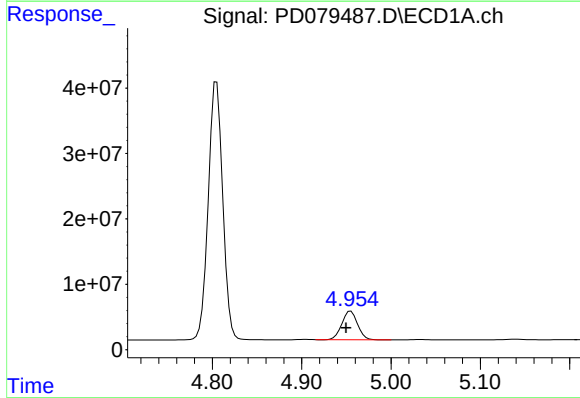
R.T.: 4.362 min  
Delta R.T.: 0.005 min  
Response: 89445118  
Conc: 37.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



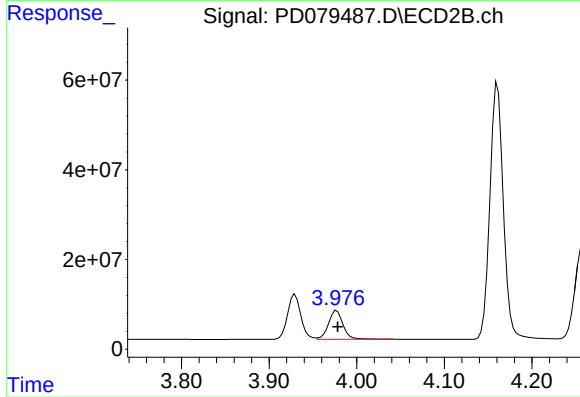
#3 gamma-BHC (Lindane)

R.T.: 3.634 min  
Delta R.T.: -0.002 min  
Response: 128765321  
Conc: 37.48 ng/ml



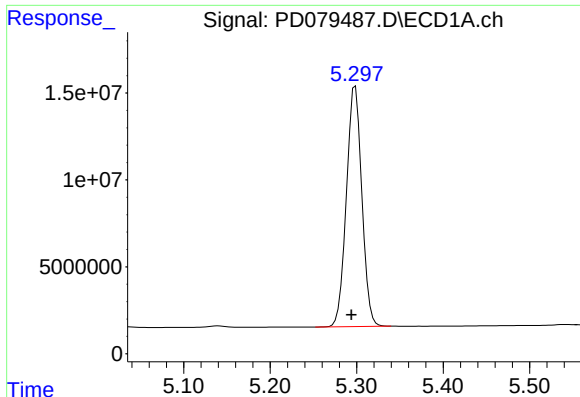
#4 Heptachlor

R.T.: 4.955 min  
Delta R.T.: 0.005 min  
Response: 53476587  
Conc: 21.35 ng/ml



#4 Heptachlor

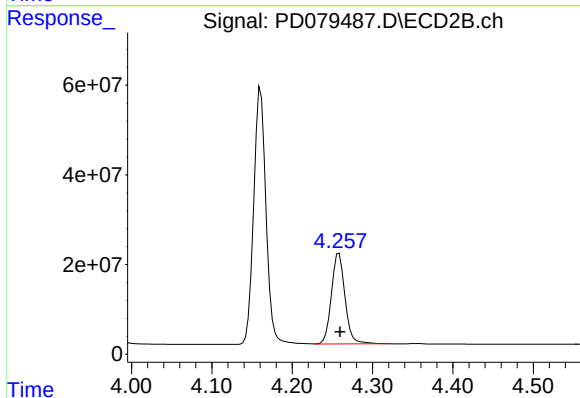
R.T.: 3.977 min  
Delta R.T.: -0.001 min  
Response: 74075343  
Conc: 22.20 ng/ml



#5 Aldrin

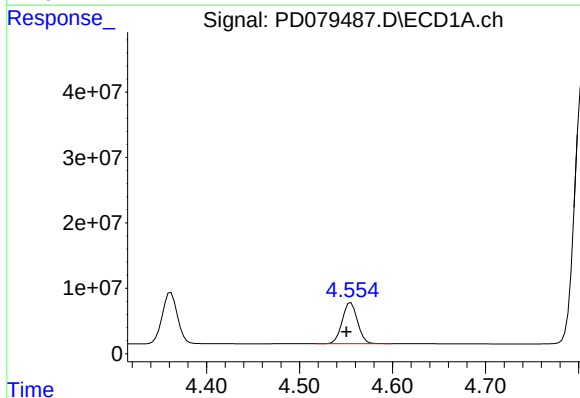
R.T.: 5.298 min  
Delta R.T.: 0.004 min  
Response: 170652947  
Conc: 72.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



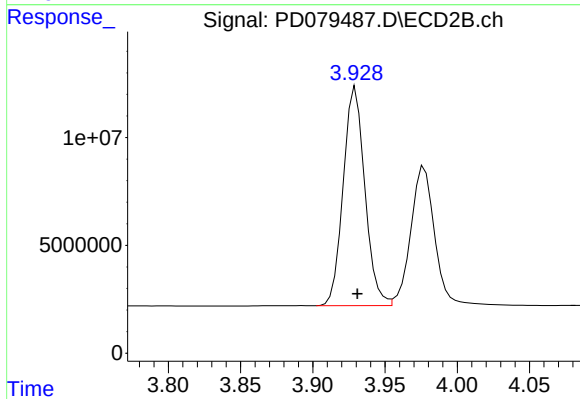
#5 Aldrin

R.T.: 4.258 min  
Delta R.T.: -0.001 min  
Response: 238450787  
Conc: 73.28 ng/ml



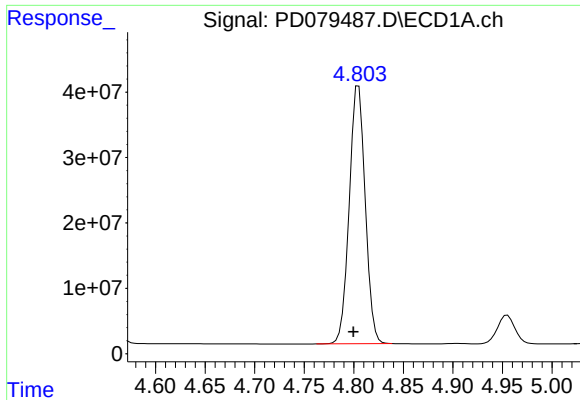
#6 beta-BHC

R.T.: 4.555 min  
Delta R.T.: 0.005 min  
Response: 71890693  
Conc: 66.21 ng/ml



#6 beta-BHC

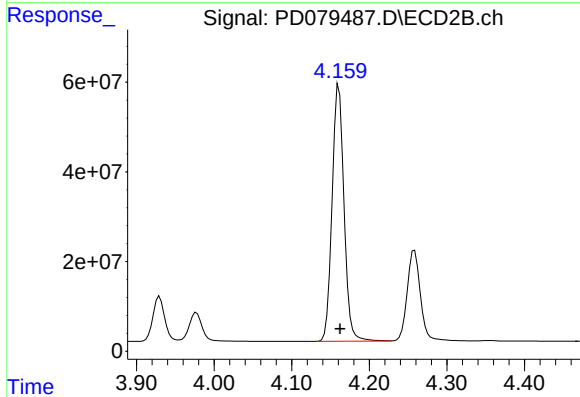
R.T.: 3.930 min  
Delta R.T.: -0.001 min  
Response: 105474794  
Conc: 64.41 ng/ml



#7 delta-BHC

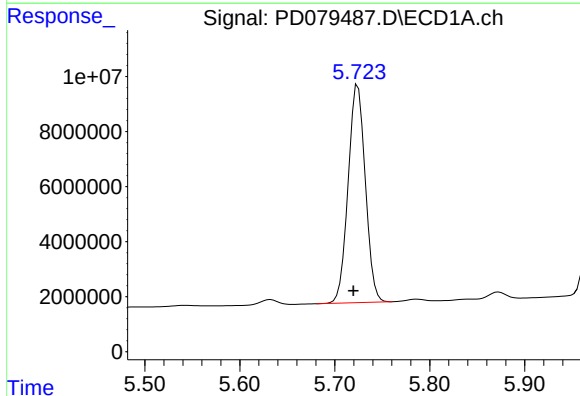
R.T.: 4.805 min  
Delta R.T.: 0.005 min  
Response: 443371470  
Conc: 177.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



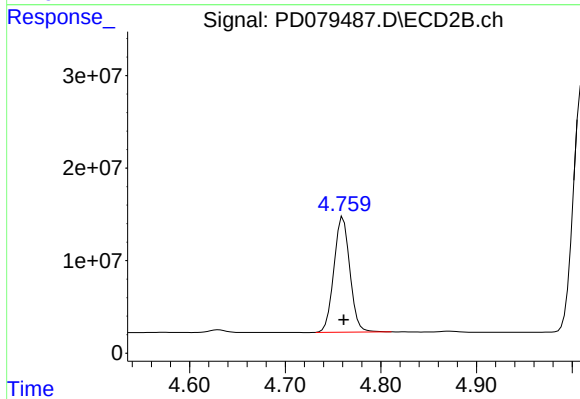
#7 delta-BHC

R.T.: 4.161 min  
Delta R.T.: -0.001 min  
Response: 611128479  
Conc: 171.05 ng/ml



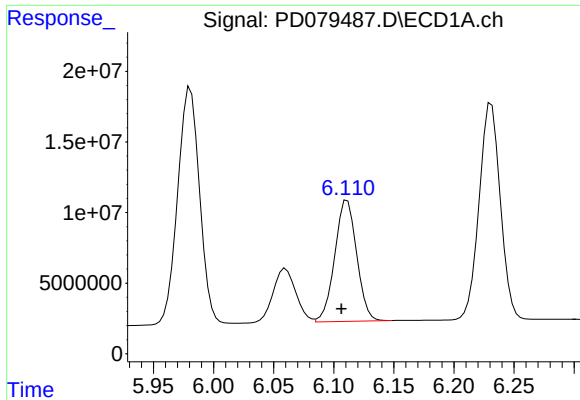
#8 Heptachlor epoxide

R.T.: 5.724 min  
Delta R.T.: 0.005 min  
Response: 99628449  
Conc: 44.94 ng/ml



#8 Heptachlor epoxide

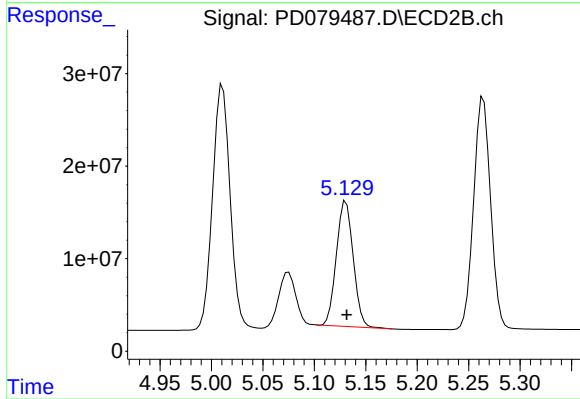
R.T.: 4.760 min  
Delta R.T.: 0.000 min  
Response: 144495238  
Conc: 46.72 ng/ml



#9 Endosulfan I

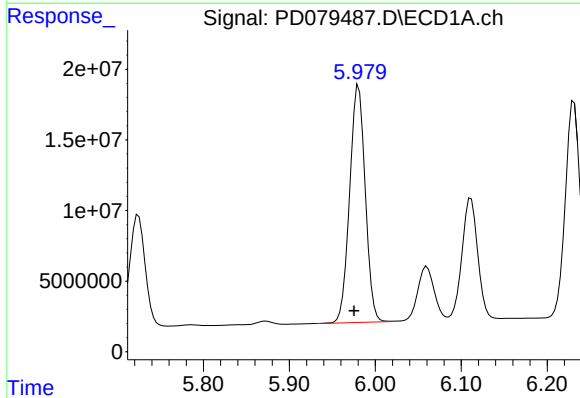
R.T.: 6.111 min  
Delta R.T.: 0.005 min  
Response: 109078343  
Conc: 52.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



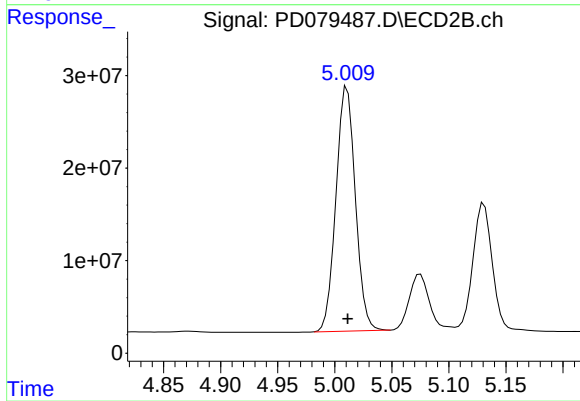
#9 Endosulfan I

R.T.: 5.131 min  
Delta R.T.: 0.000 min  
Response: 153988119  
Conc: 55.55 ng/ml



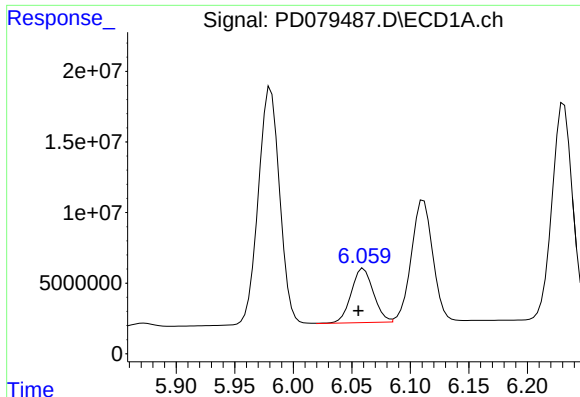
#10 trans-Chlordane

R.T.: 5.981 min  
Delta R.T.: 0.005 min  
Response: 212335881  
Conc: 99.80 ng/ml



#10 trans-Chlordane

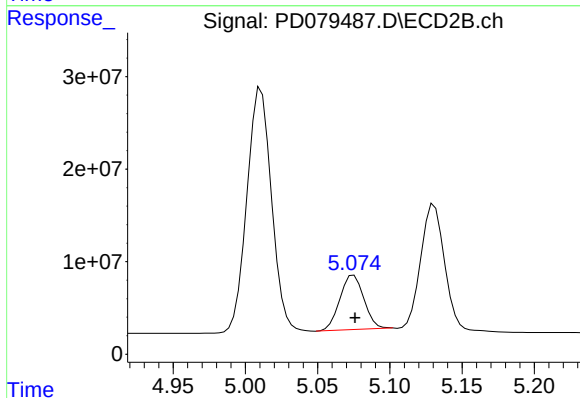
R.T.: 5.011 min  
Delta R.T.: 0.000 min  
Response: 312766787  
Conc: 105.35 ng/ml



#11 cis-Chlordane

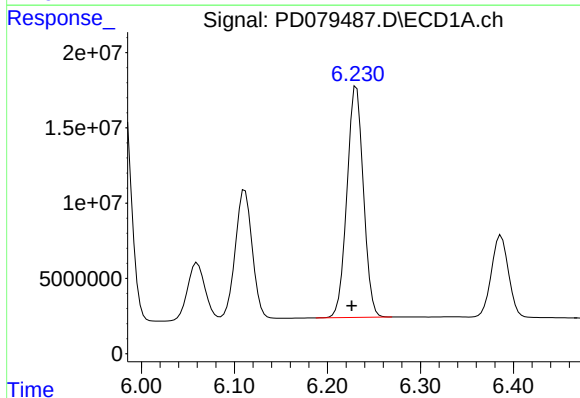
R.T.: 6.060 min  
Delta R.T.: 0.004 min  
Response: 50509838  
Conc: 23.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



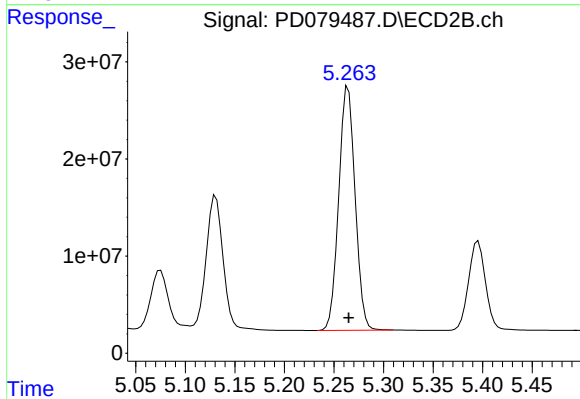
#11 cis-Chlordane

R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 68036059  
Conc: 22.41 ng/ml



#12 4,4'-DDE

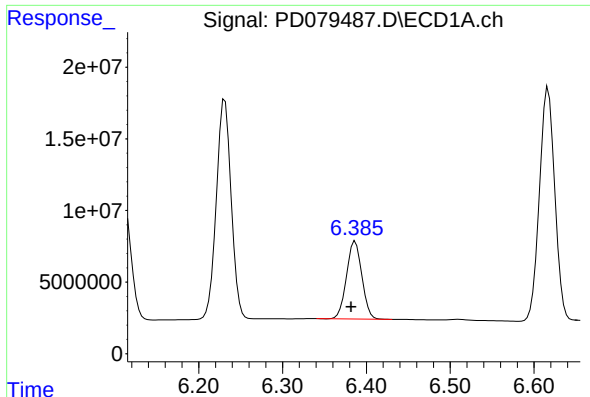
R.T.: 6.231 min  
Delta R.T.: 0.005 min  
Response: 188694437  
Conc: 95.58 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 288661071  
Conc: 103.09 ng/ml

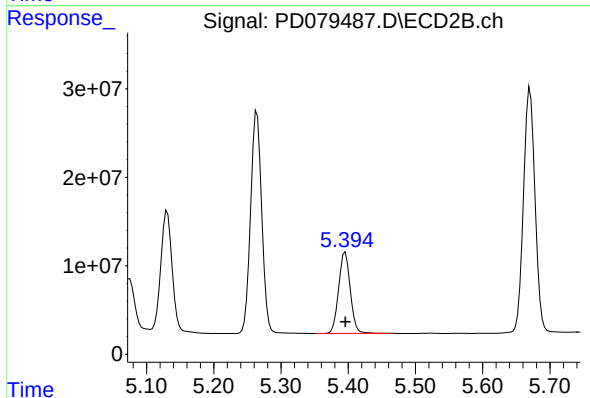




#13 Dieldrin

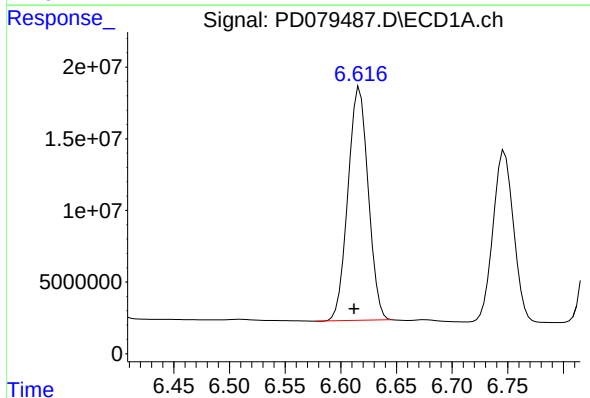
R.T.: 6.387 min  
Delta R.T.: 0.005 min  
Response: 69170865  
Conc: 31.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



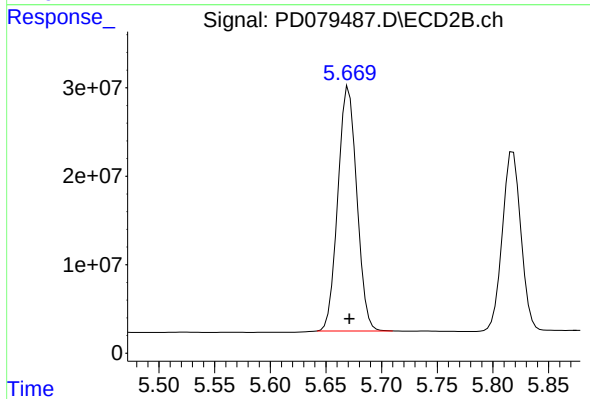
#13 Dieldrin

R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 109851937  
Conc: 34.50 ng/ml



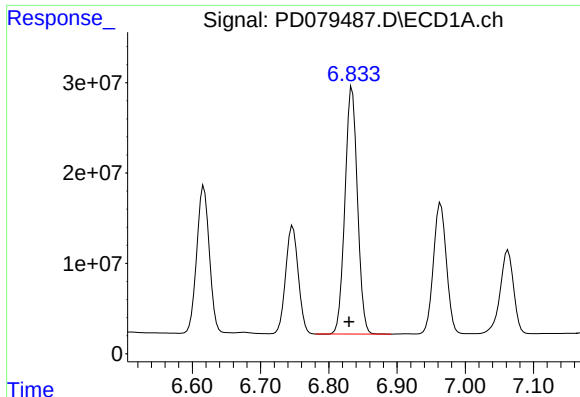
#14 Endrin

R.T.: 6.617 min  
Delta R.T.: 0.005 min  
Response: 206502121  
Conc: 113.18 ng/ml



#14 Endrin

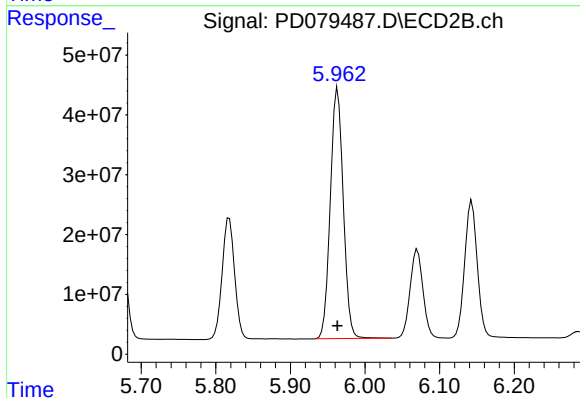
R.T.: 5.670 min  
Delta R.T.: 0.000 min  
Response: 327295678  
Conc: 119.50 ng/ml



#15 Endosulfan II

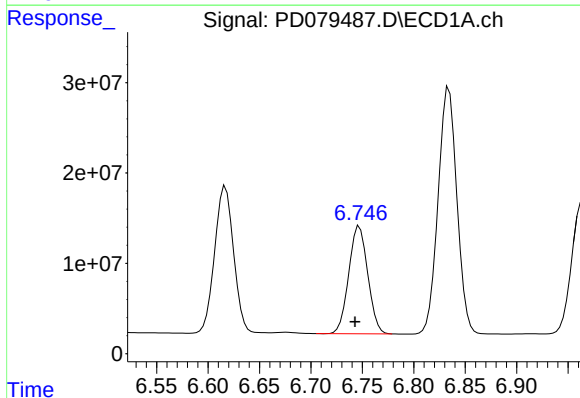
R.T.: 6.834 min  
Delta R.T.: 0.005 min  
Response: 347513316  
Conc: 182.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



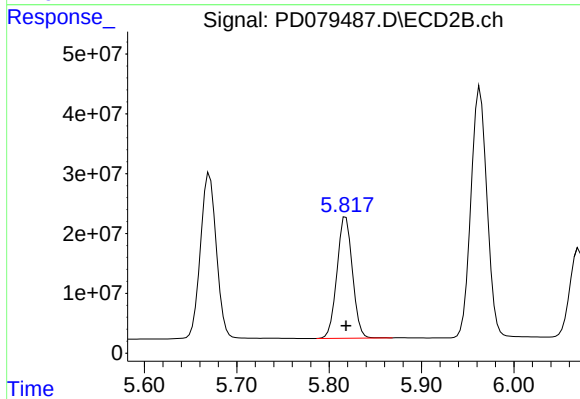
#15 Endosulfan II

R.T.: 5.963 min  
Delta R.T.: 0.000 min  
Response: 505997415  
Conc: 194.83 ng/ml



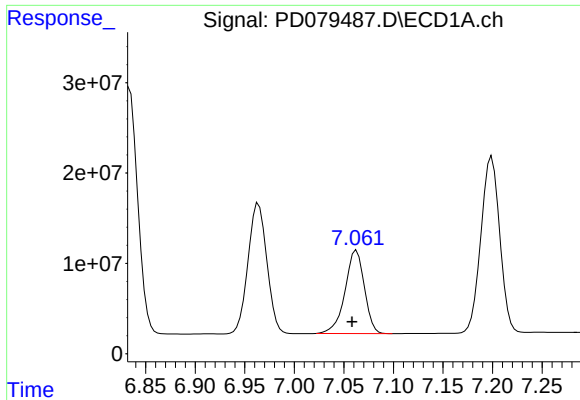
#16 4,4'-DDD

R.T.: 6.747 min  
Delta R.T.: 0.004 min  
Response: 153401159  
Conc: 94.70 ng/ml



#16 4,4'-DDD

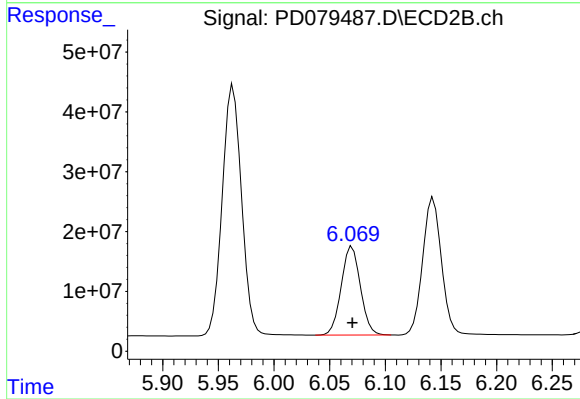
R.T.: 5.818 min  
Delta R.T.: 0.000 min  
Response: 236058223  
Conc: 100.27 ng/ml



#17 4,4'-DDT

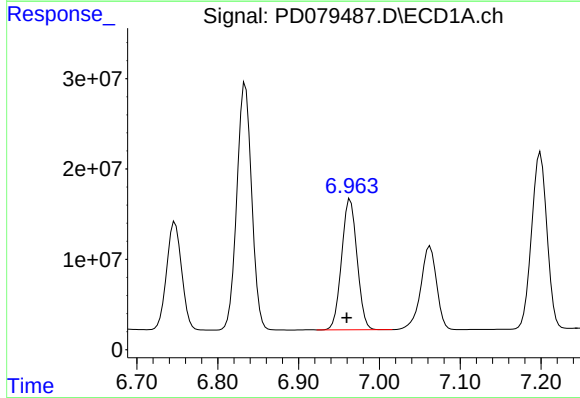
R.T.: 7.063 min  
Delta R.T.: 0.005 min  
Response: 125150204  
Conc: 73.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



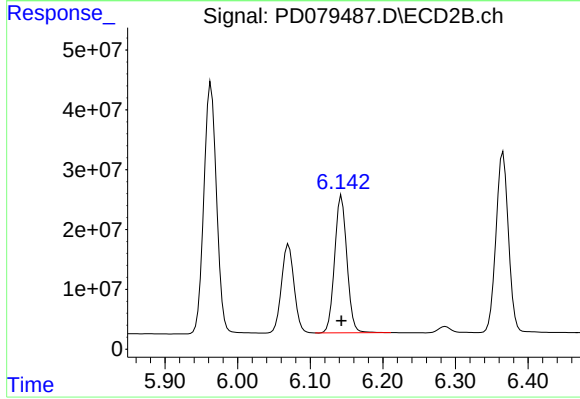
#17 4,4'-DDT

R.T.: 6.070 min  
Delta R.T.: 0.000 min  
Response: 177292619  
Conc: 73.81 ng/ml



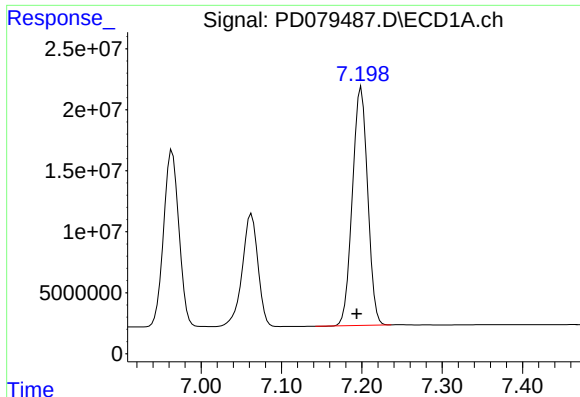
#18 Endrin aldehyde

R.T.: 6.964 min  
Delta R.T.: 0.005 min  
Response: 191440240  
Conc: 128.44 ng/ml



#18 Endrin aldehyde

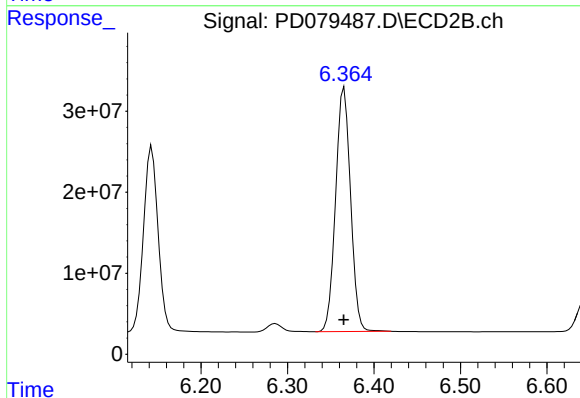
R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 269472822  
Conc: 133.16 ng/ml



#19 Endosulfan Sulfate

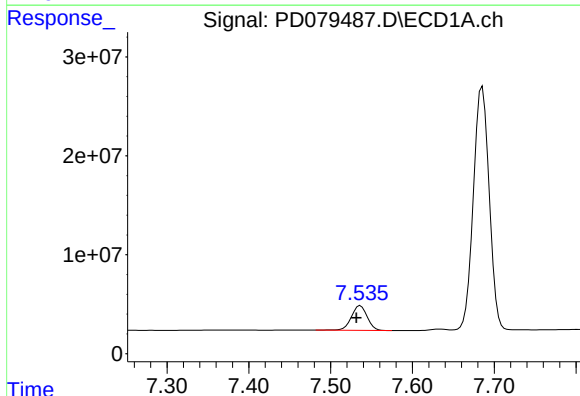
R.T.: 7.199 min  
Delta R.T.: 0.006 min  
Response: 257486510  
Conc: 138.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



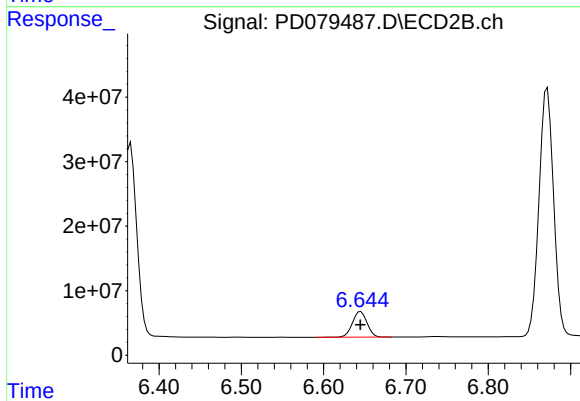
#19 Endosulfan Sulfate

R.T.: 6.366 min  
Delta R.T.: 0.000 min  
Response: 360342231  
Conc: 145.02 ng/ml



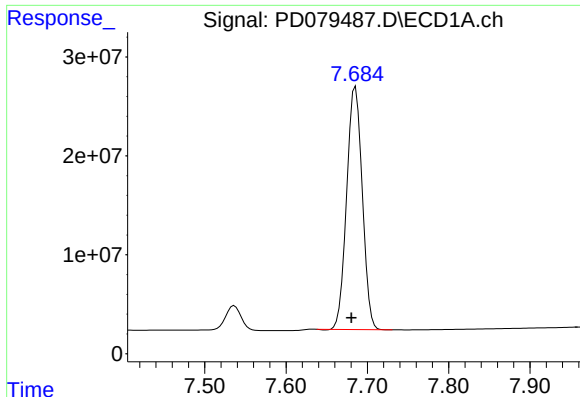
#20 Methoxychlor

R.T.: 7.536 min  
Delta R.T.: 0.005 min  
Response: 33626365  
Conc: 36.48 ng/ml



#20 Methoxychlor

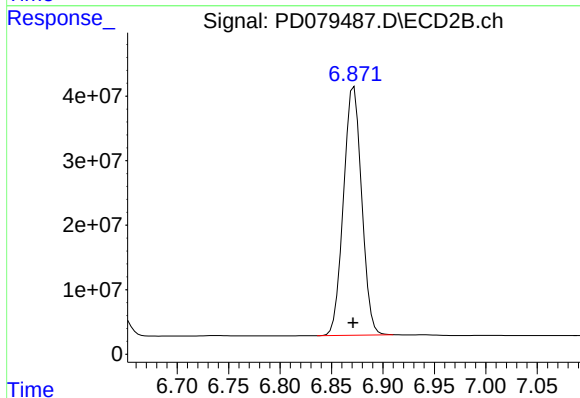
R.T.: 6.645 min  
Delta R.T.: 0.000 min  
Response: 48820740  
Conc: 37.98 ng/ml



#21 Endrin ketone

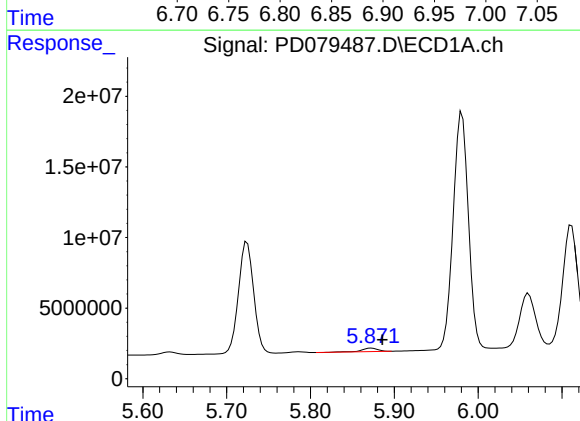
R.T.: 7.685 min  
Delta R.T.: 0.005 min  
Response: 326646755  
Conc: 167.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



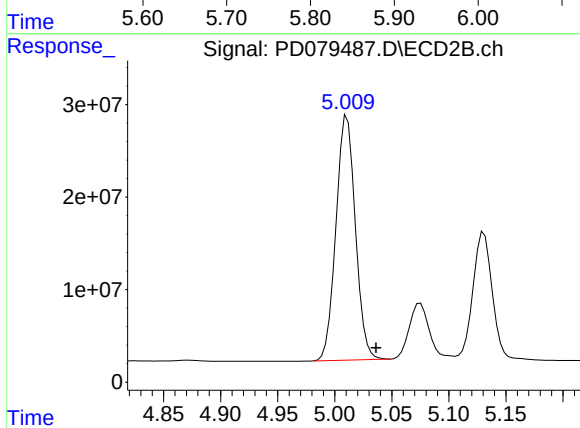
#21 Endrin ketone

R.T.: 6.872 min  
Delta R.T.: 0.000 min  
Response: 473955122  
Conc: 166.71 ng/ml



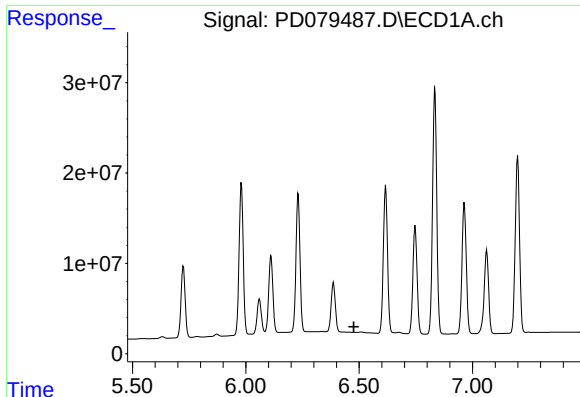
#22 Toxaphene-1

R.T.: 5.873 min  
Delta R.T.: -0.013 min  
Response: 3249042  
Conc: 473.80 ng/ml



#22 Toxaphene-1

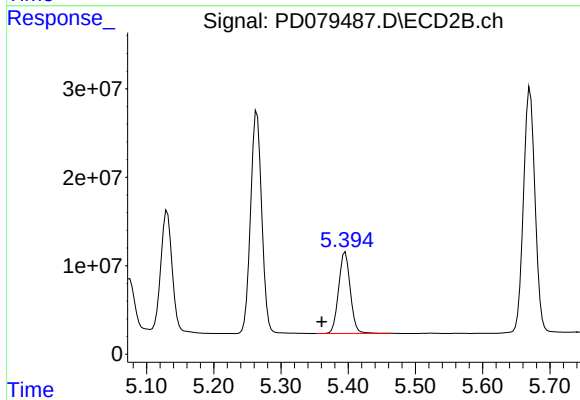
R.T.: 5.011 min  
Delta R.T.: -0.025 min  
Response: 312766787  
Conc: 18705.13 ng/ml



#23 Toxaphene-2

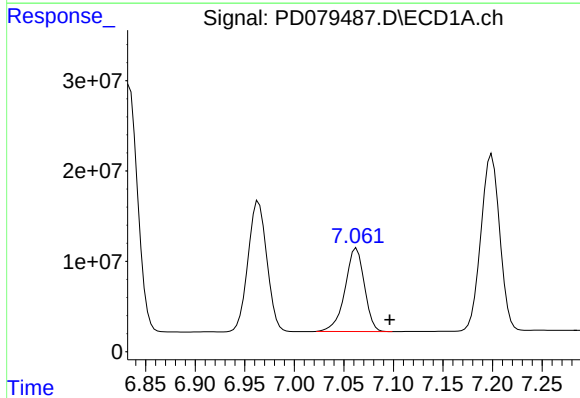
R.T.: 0.000 min  
Exp R.T.: 6.477 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



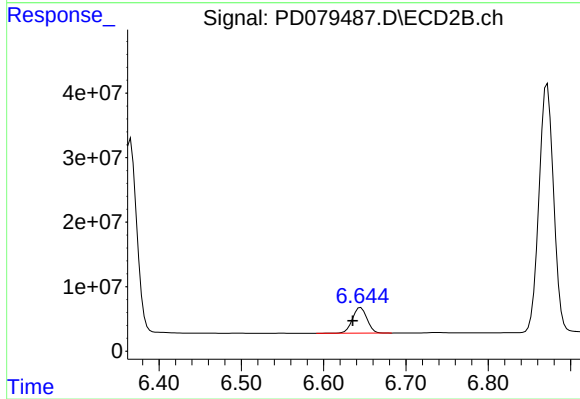
#23 Toxaphene-2

R.T.: 5.396 min  
Delta R.T.: 0.035 min  
Response: 109851937  
Conc: 6537.06 ng/ml



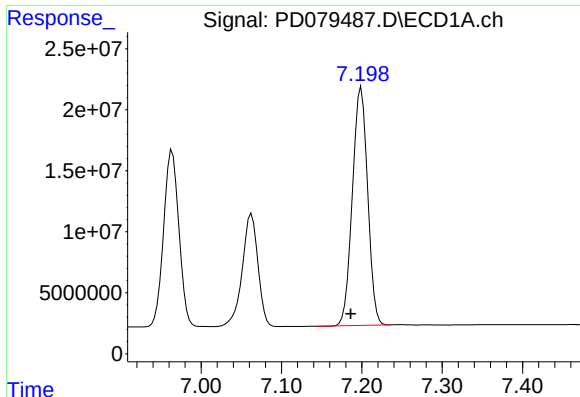
#24 Toxaphene-3

R.T.: 7.063 min  
Delta R.T.: -0.034 min  
Response: 125150204  
Conc: 2228.53 ng/ml



#24 Toxaphene-3

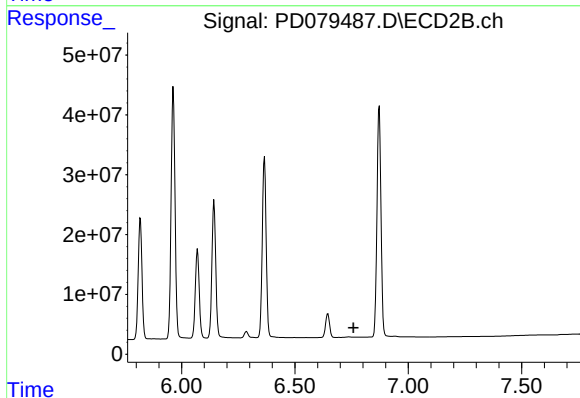
R.T.: 6.645 min  
Delta R.T.: 0.010 min  
Response: 48820740  
Conc: 847.81 ng/ml



#25 Toxaphene-4

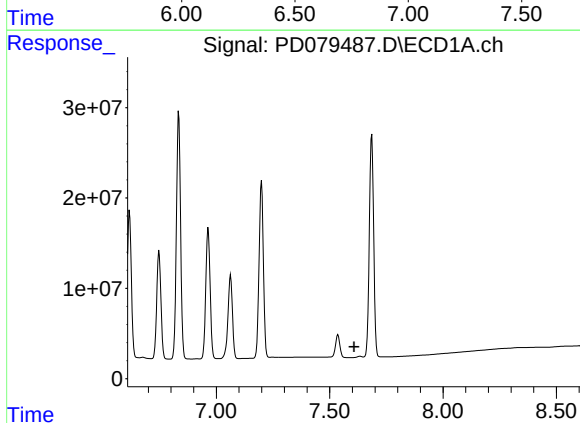
R.T.: 7.199 min  
Delta R.T.: 0.013 min  
Response: 257486510  
Conc: 6142.12 ng/m

Instrument :  
ECD\_D  
ClientSampleId :



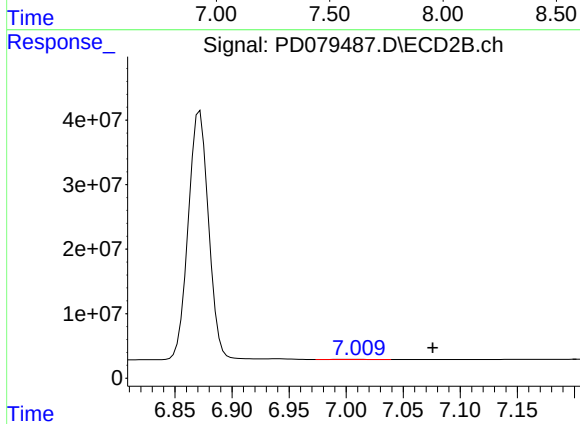
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 6.759 min  
Response: 0  
Conc: N.D.



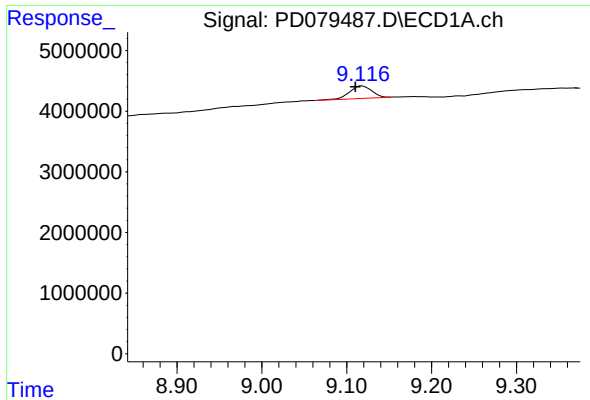
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 7.608 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

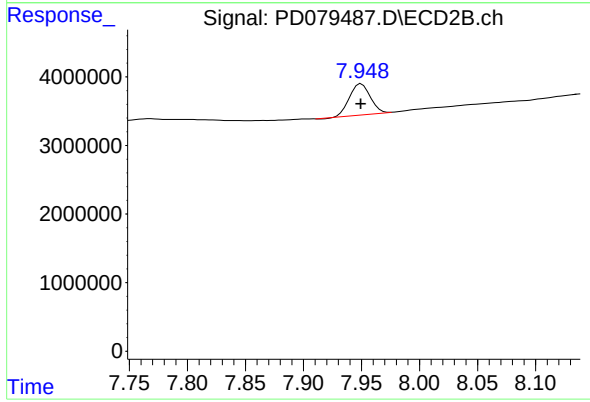
R.T.: 7.010 min  
Delta R.T.: -0.066 min  
Response: 381315  
Conc: 11.42 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.118 min  
Delta R.T.: 0.007 min  
Response: 3730446  
Conc: 2.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.950 min  
Delta R.T.: 0.000 min  
Response: 5587323  
Conc: 2.34 ng/ml