

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111323\  
 Data File : PD079618.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Nov 2023 18:38  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 09 20:13:06 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... | 3.569  | 2.803  | 30651713 | 49068470 | 18.984  | 21.193  |
| 28)                         | SA Decachlor... | 9.118  | 7.949  | 40176827 | 53868316 | 20.028  | 22.100  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.025  | 3.306  | 24791743 | 37362233 | 9.313   | 10.775  |
| 3)                          | MA gamma-BHC... | 4.359  | 3.636  | 24272106 | 36202695 | 9.340   | 10.661  |
| 5)                          | MB Aldrin       | 0.000  | 4.265  | 0        | 728842   | N.D.    | 0.223 # |
| 6)                          | B beta-BHC      | 4.552  | 3.930  | 11526574 | 17414189 | 10.757  | 12.358  |
| 7)                          | B delta-BHC     | 0.000  | 4.185f | 0        | 674484   | N.D.    | 0.201 # |
| 8)                          | B Heptachlo...  | 5.714  | 0.000  | 1521998  | 0        | 0.649   | N.D. #  |
| 9)                          | A Endosulfan I  | 6.126f | 0.000  | 520205   | 0        | 0.240   | N.D. #  |
| 10)                         | B gamma-Chl...  | 5.970  | 0.000  | 366161   | 0        | 0.160   | N.D. #  |
| 11)                         | B alpha-Chl...  | 6.075f | 5.097f | 874013   | 64040    | 0.383   | 0.022 # |
| 12)                         | B 4,4'-DDE      | 6.229  | 5.267  | 298924   | 1045564  | 0.141   | 0.393 # |
| 13)                         | MA Dieldrin     | 6.402f | 0.000  | 395106   | 0        | 0.170   | N.D. #  |
| 14)                         | MA Endrin       | 6.615  | 5.671  | 81446436 | 130.7E6  | 41.819  | 51.056  |
| 15)                         | B Endosulfa...  | 6.847f | 5.980  | 988971   | 841519   | 0.485   | 0.337 # |
| 16)                         | A 4,4'-DDD      | 6.745  | 5.818  | 2601934  | 4275370  | 1.480   | 1.872 # |
| 17)                         | MA 4,4'-DDT     | 7.060  | 6.070  | 173.2E6  | 261.4E6  | 91.451  | 114.196 |
| 18)                         | B Endrin al...  | 6.963  | 6.144  | 3377662  | 6629500  | 2.187   | 3.566 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.354f | 0        | 256444   | N.D.    | 0.110 # |
| 20)                         | A Methoxychlor  | 7.535  | 6.644  | 223.8E6  | 330.3E6  | 204.272 | 243.266 |
| 21)                         | B Endrin ke...  | 7.683  | 6.871  | 7735665  | 12760742 | 3.548   | 4.564 # |
| 23)                         | Chlordane-1     | 0.000  | 3.837f | 0        | 345278   | N.D.    | 3.975 # |
| 25)                         | Chlordane-3     | 5.970  | 0.000  | 366161   | 0        | 1.181   | N.D. #  |
| 26)                         | Chlordane-4     | 6.075  | 5.097f | 874013   | 64040    | 2.353   | 0.261 # |
| 27)                         | Chlordane-5     | 0.000  | 5.980  | 0        | 841519   | N.D.    | 8.444 # |
| -----                       |                 |        |        |          |          |         |         |

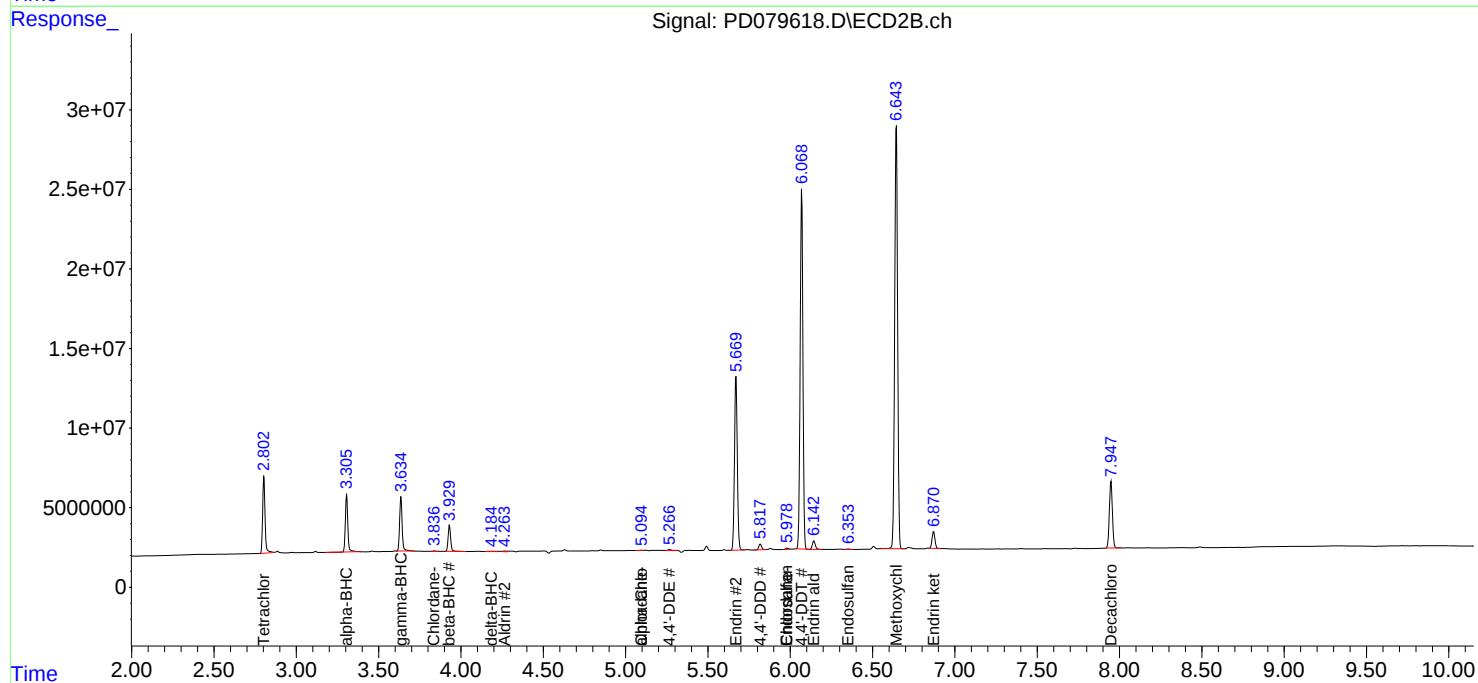
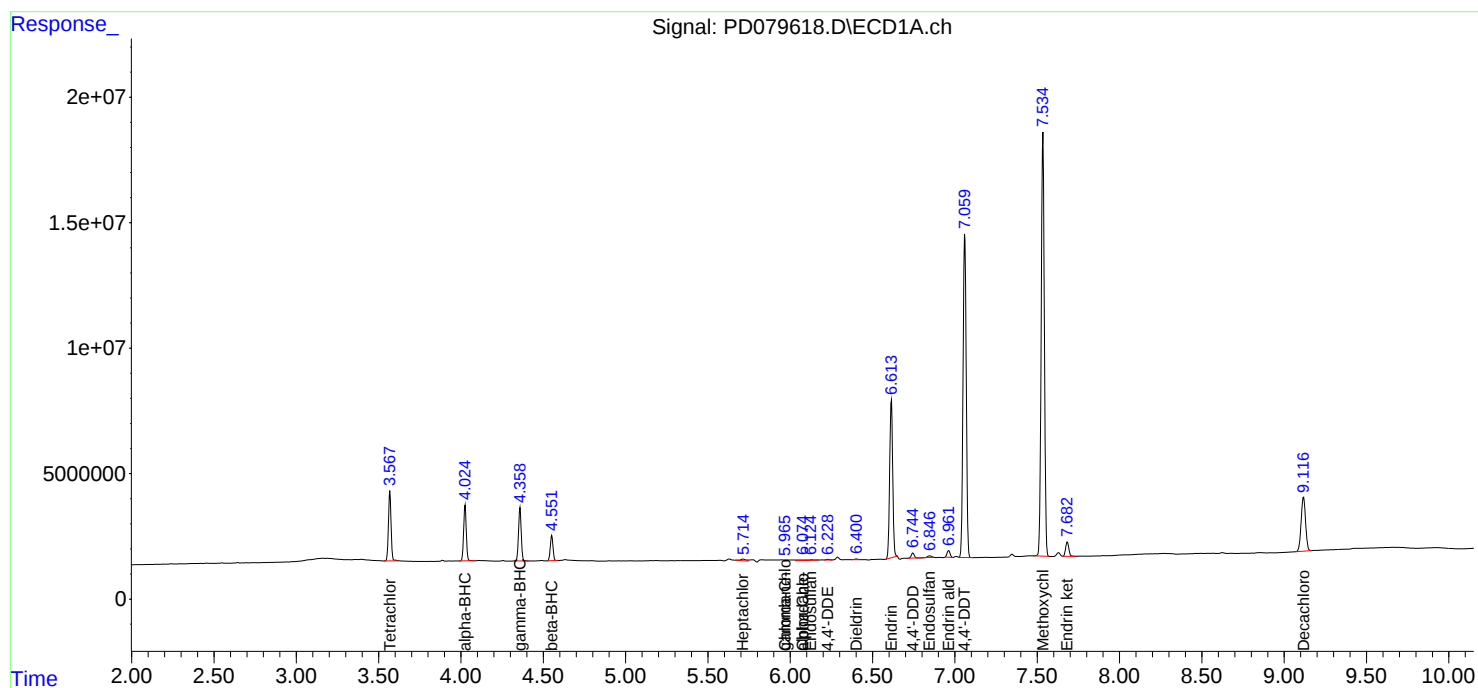
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

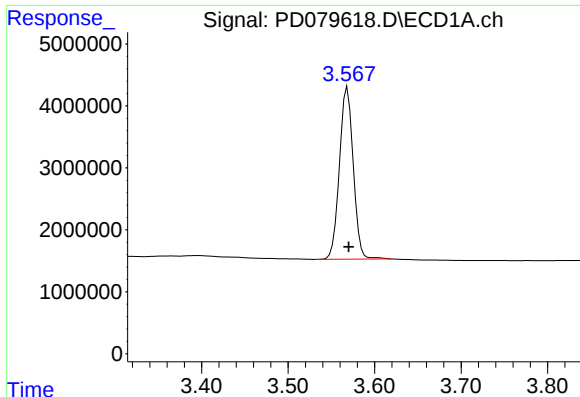
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111323\  
Data File : PD079618.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Nov 2023 18:38  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 09 20:13:06 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

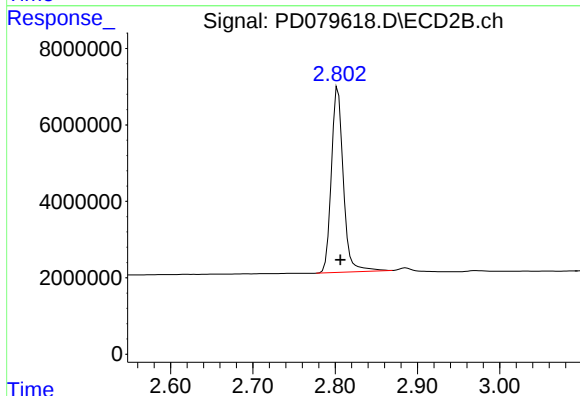




#1 Tetrachloro-m-xylene

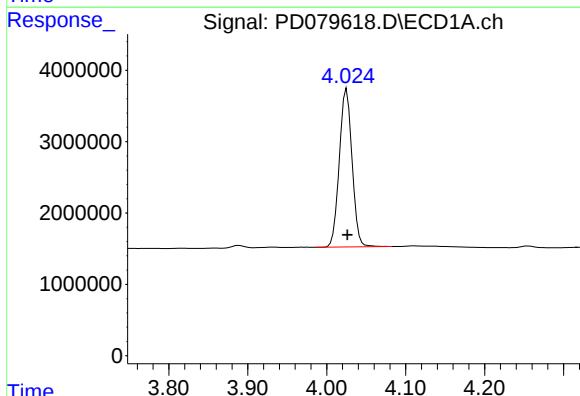
R.T.: 3.569 min  
Delta R.T.: -0.001 min  
Response: 30651713  
Conc: 18.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



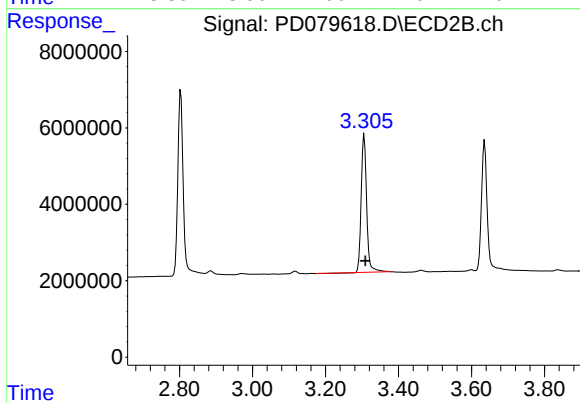
#1 Tetrachloro-m-xylene

R.T.: 2.803 min  
Delta R.T.: -0.003 min  
Response: 49068470  
Conc: 21.19 ng/ml



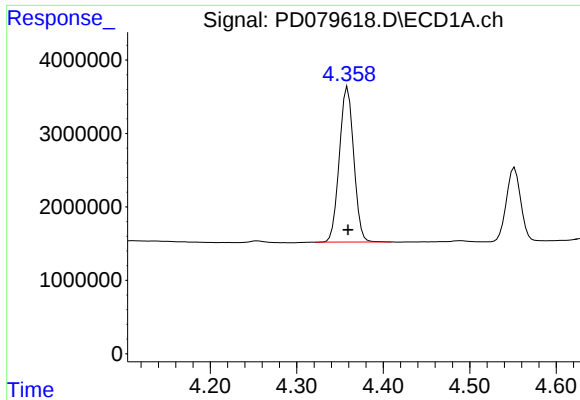
#2 alpha-BHC

R.T.: 4.025 min  
Delta R.T.: 0.000 min  
Response: 24791743  
Conc: 9.31 ng/ml



#2 alpha-BHC

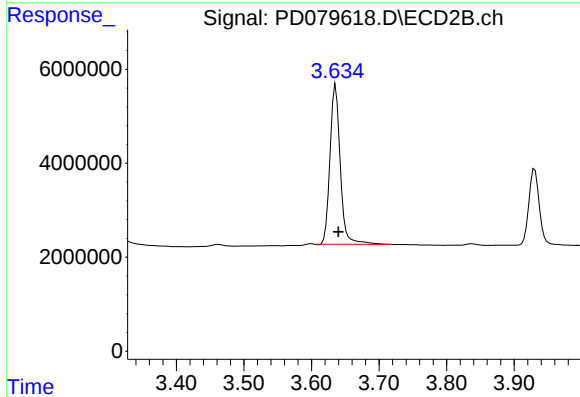
R.T.: 3.306 min  
Delta R.T.: -0.004 min  
Response: 37362233  
Conc: 10.78 ng/ml



#3 gamma-BHC (Lindane)

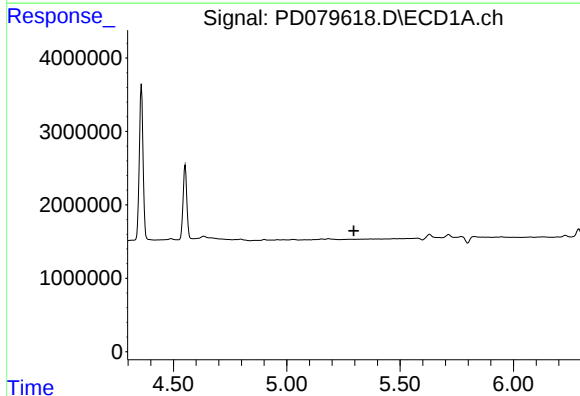
R.T.: 4.359 min  
Delta R.T.: 0.000 min  
Response: 24272106  
Conc: 9.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



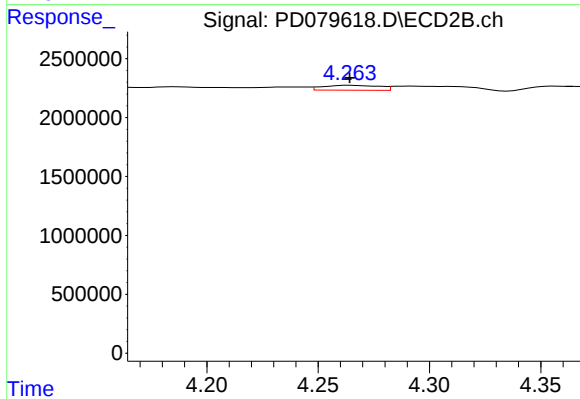
#3 gamma-BHC (Lindane)

R.T.: 3.636 min  
Delta R.T.: -0.004 min  
Response: 36202695  
Conc: 10.66 ng/ml



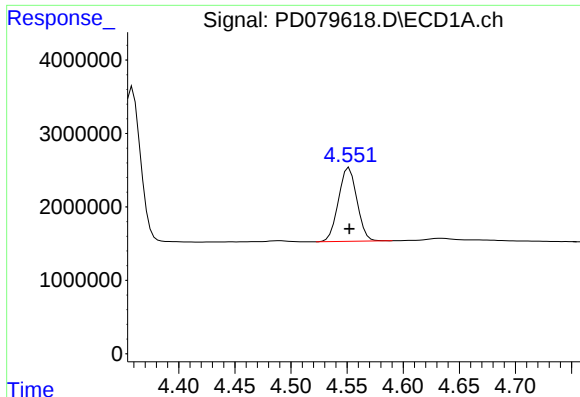
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.296 min  
Response: 0  
Conc: N.D.



#5 Aldrin

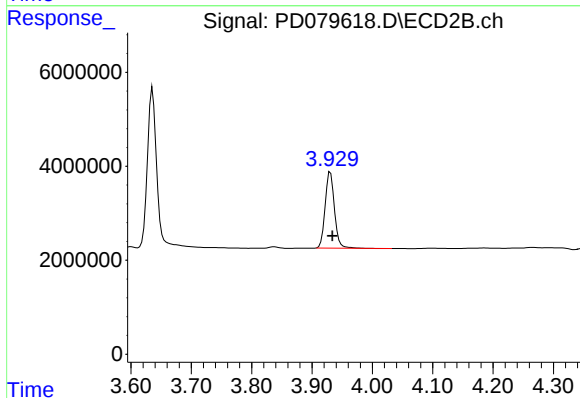
R.T.: 4.265 min  
Delta R.T.: 0.000 min  
Response: 728842  
Conc: 0.22 ng/ml



#6 beta-BHC

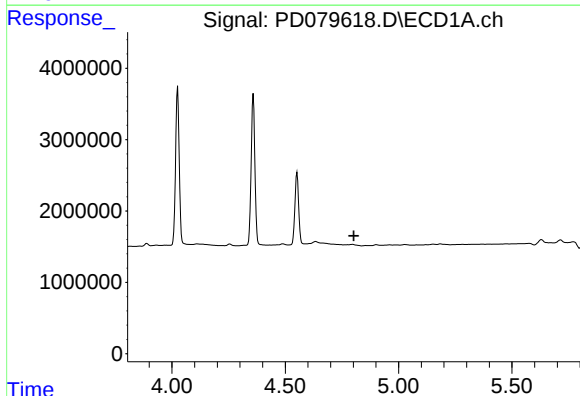
R.T.: 4.552 min  
Delta R.T.: 0.000 min  
Response: 11526574  
Conc: 10.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



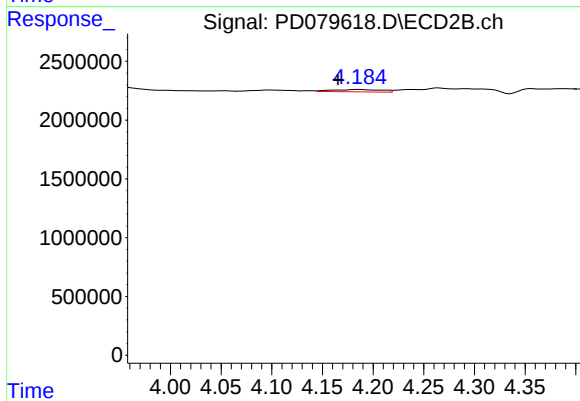
#6 beta-BHC

R.T.: 3.930 min  
Delta R.T.: -0.004 min  
Response: 17414189  
Conc: 12.36 ng/ml



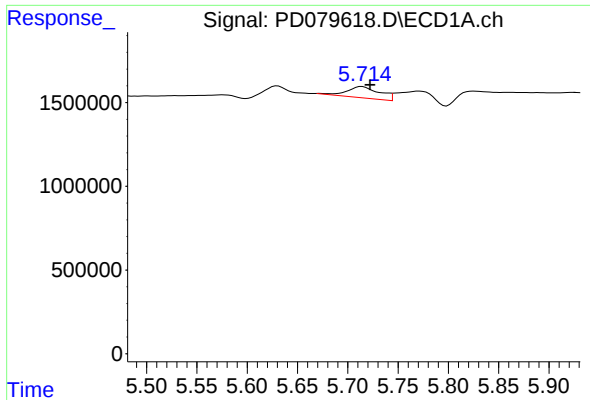
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.802 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

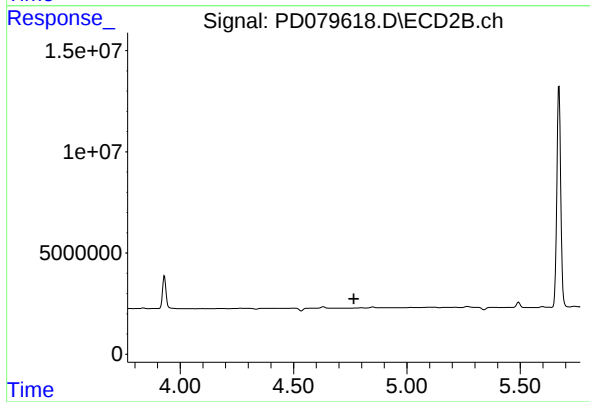
R.T.: 4.185 min  
Delta R.T.: 0.020 min  
Response: 674484  
Conc: 0.20 ng/ml



#8 Heptachlor epoxide

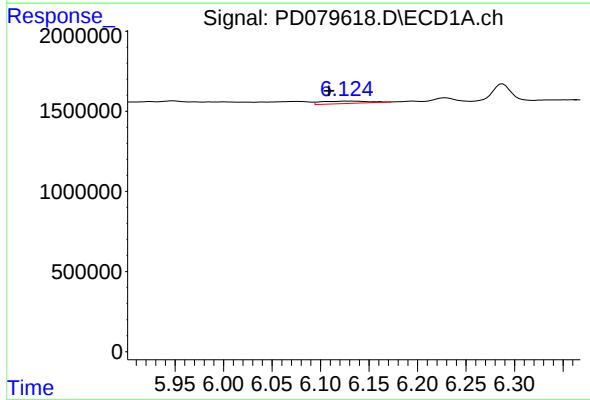
R.T.: 5.714 min  
Delta R.T.: -0.008 min  
Response: 1521998  
Conc: 0.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



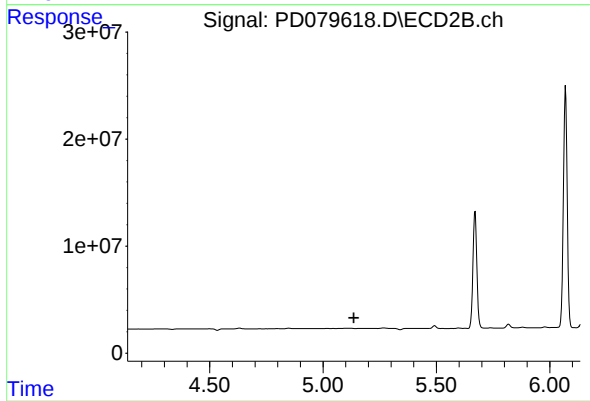
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.766 min  
Response: 0  
Conc: N.D.



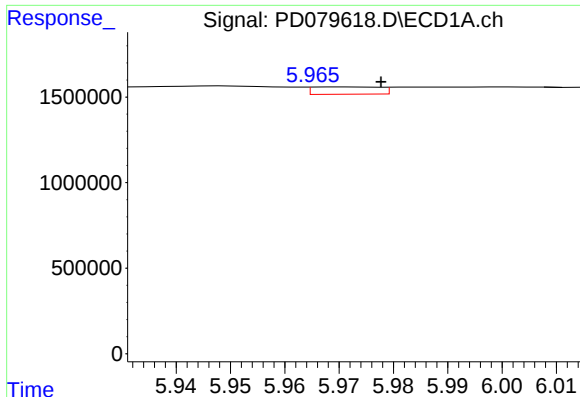
#9 Endosulfan I

R.T.: 6.126 min  
Delta R.T.: 0.017 min  
Response: 520205  
Conc: 0.24 ng/ml



#9 Endosulfan I

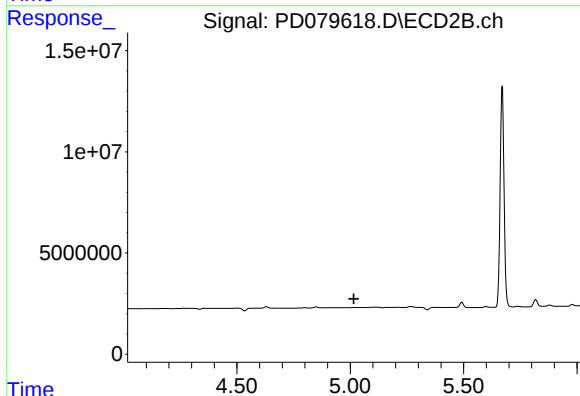
R.T.: 0.000 min  
Exp R.T. : 5.136 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

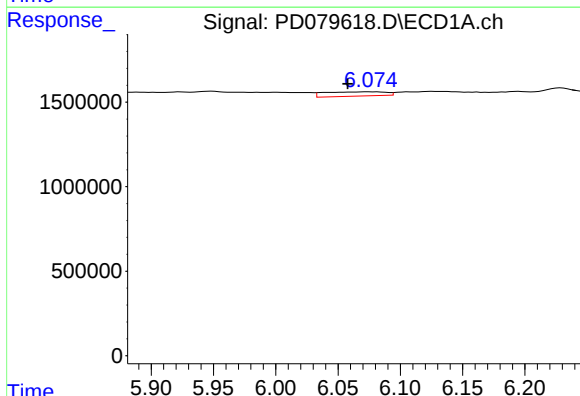
R.T.: 5.970 min  
Delta R.T.: -0.008 min  
Response: 366161  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



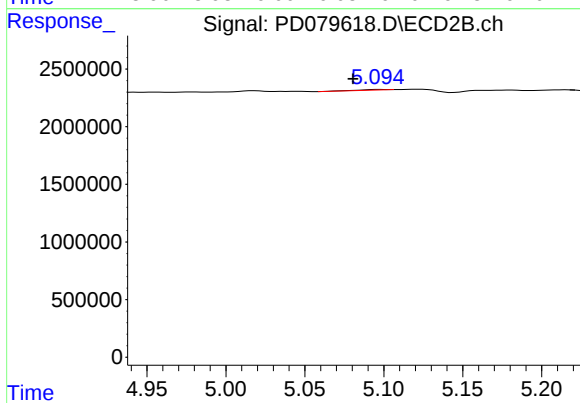
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.016 min  
Response: 0  
Conc: N.D.



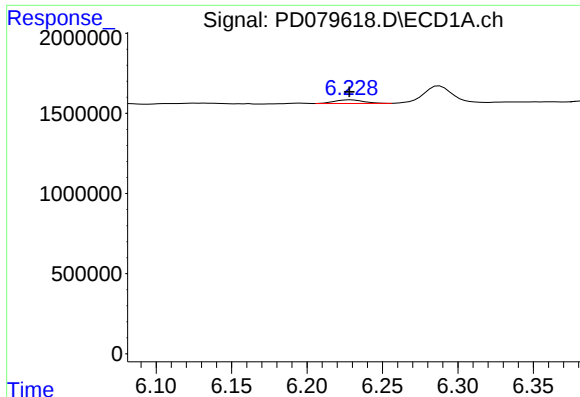
#11 alpha-Chlordane

R.T.: 6.075 min  
Delta R.T.: 0.017 min  
Response: 874013  
Conc: 0.38 ng/ml



#11 alpha-Chlordane

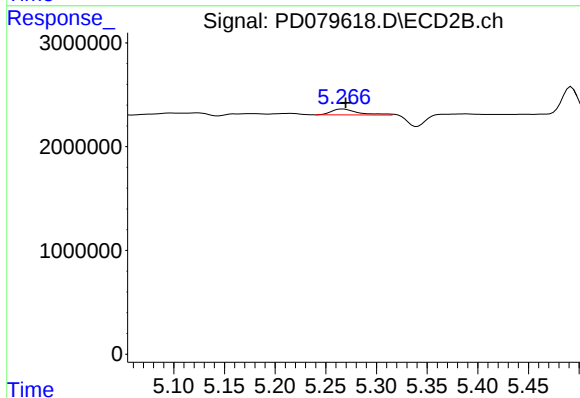
R.T.: 5.097 min  
Delta R.T.: 0.016 min  
Response: 64040  
Conc: 0.02 ng/ml



#12 4,4'-DDE

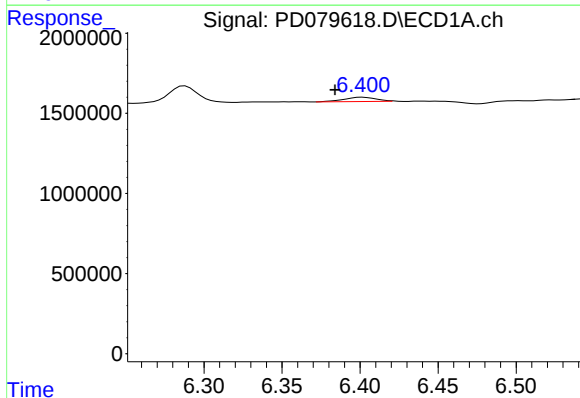
R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 298924  
Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



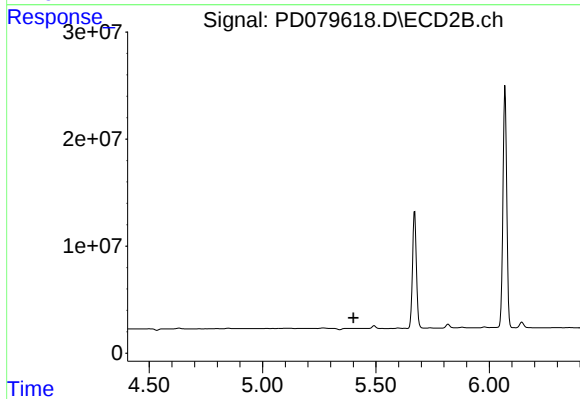
#12 4,4'-DDE

R.T.: 5.267 min  
Delta R.T.: -0.003 min  
Response: 1045564  
Conc: 0.39 ng/ml



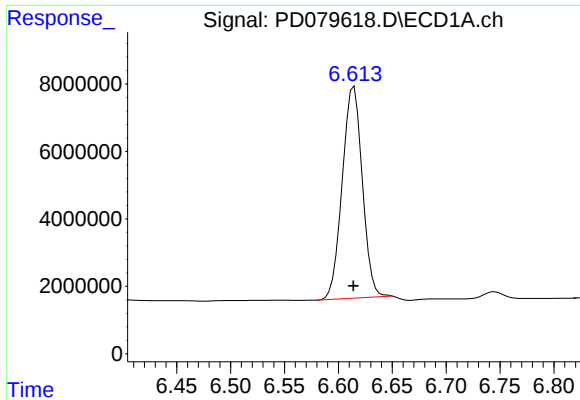
#13 Dieldrin

R.T.: 6.402 min  
Delta R.T.: 0.018 min  
Response: 395106  
Conc: 0.17 ng/ml



#13 Dieldrin

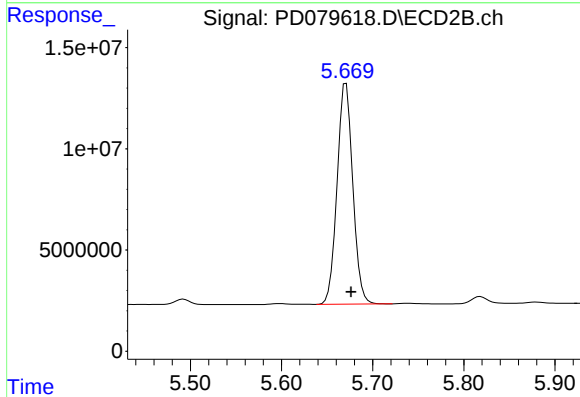
R.T.: 0.000 min  
Exp R.T. : 5.401 min  
Response: 0  
Conc: N.D.



#14 Endrin

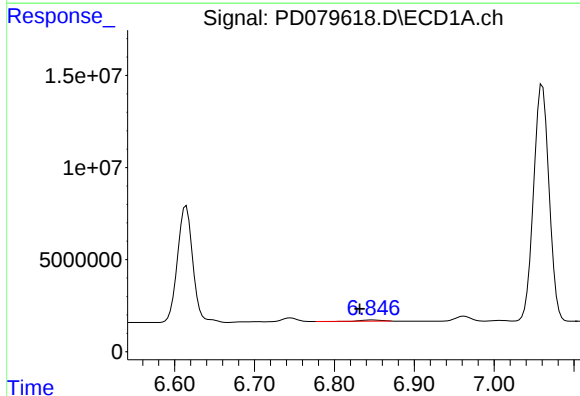
R.T.: 6.615 min  
Delta R.T.: 0.000 min  
Response: 81446436  
Conc: 41.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



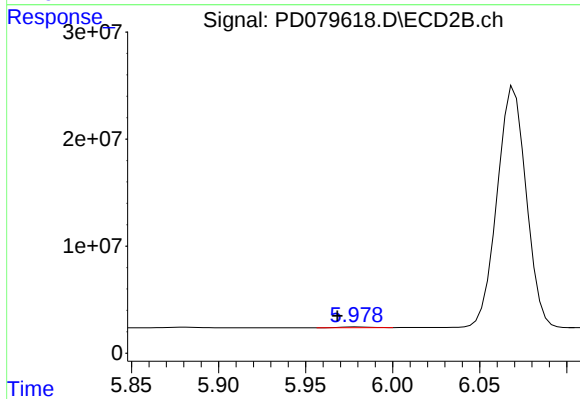
#14 Endrin

R.T.: 5.671 min  
Delta R.T.: -0.005 min  
Response: 130658992  
Conc: 51.06 ng/ml



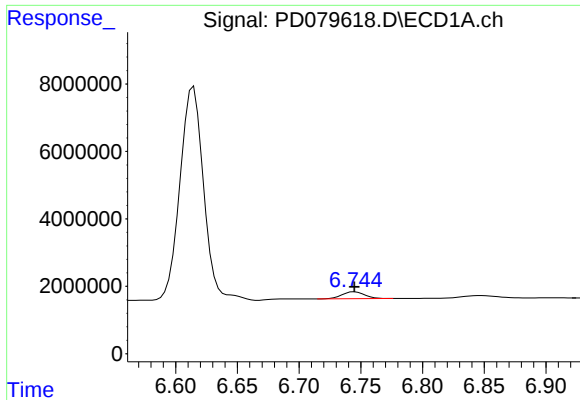
#15 Endosulfan II

R.T.: 6.847 min  
Delta R.T.: 0.016 min  
Response: 988971  
Conc: 0.48 ng/ml



#15 Endosulfan II

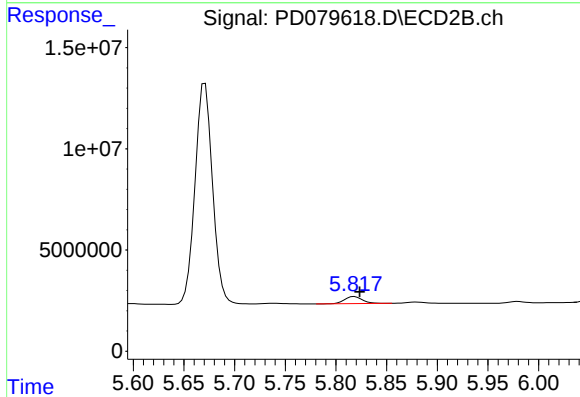
R.T.: 5.980 min  
Delta R.T.: 0.011 min  
Response: 841519  
Conc: 0.34 ng/ml



#16 4,4'-DDD

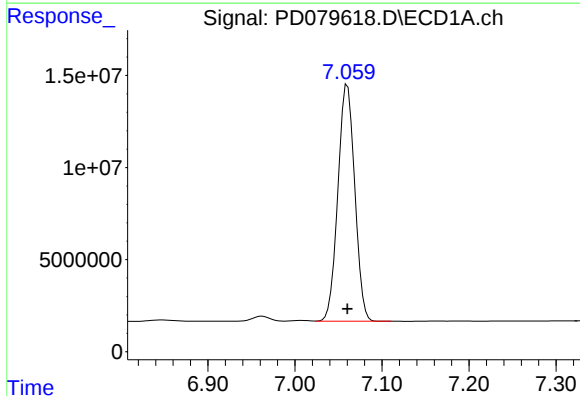
R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 2601934  
Conc: 1.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



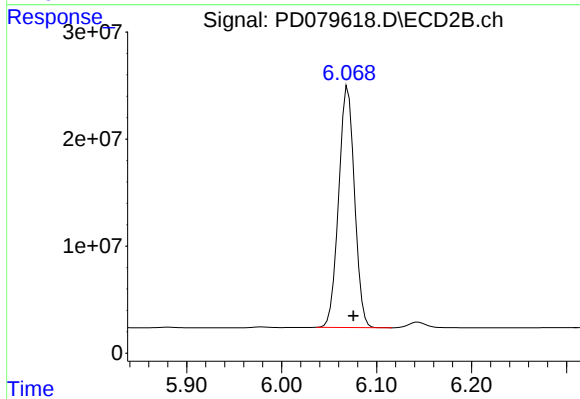
#16 4,4'-DDD

R.T.: 5.818 min  
Delta R.T.: -0.005 min  
Response: 4275370  
Conc: 1.87 ng/ml



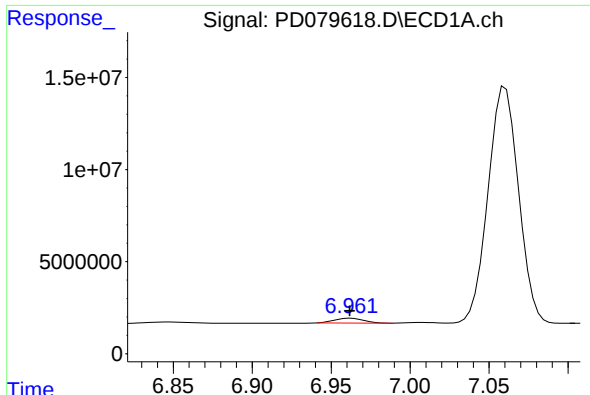
#17 4,4'-DDT

R.T.: 7.060 min  
Delta R.T.: 0.000 min  
Response: 173177836  
Conc: 91.45 ng/ml



#17 4,4'-DDT

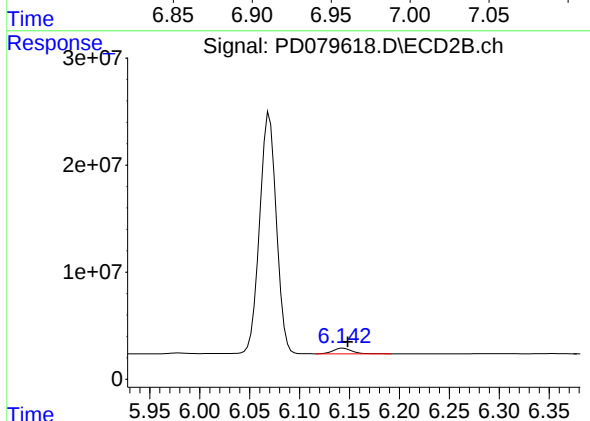
R.T.: 6.070 min  
Delta R.T.: -0.006 min  
Response: 261437255  
Conc: 114.20 ng/ml



#18 Endrin aldehyde

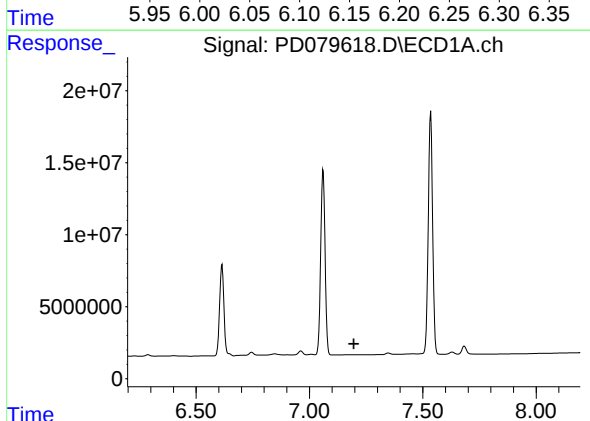
R.T.: 6.963 min  
Delta R.T.: 0.000 min  
Response: 3377662  
Conc: 2.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



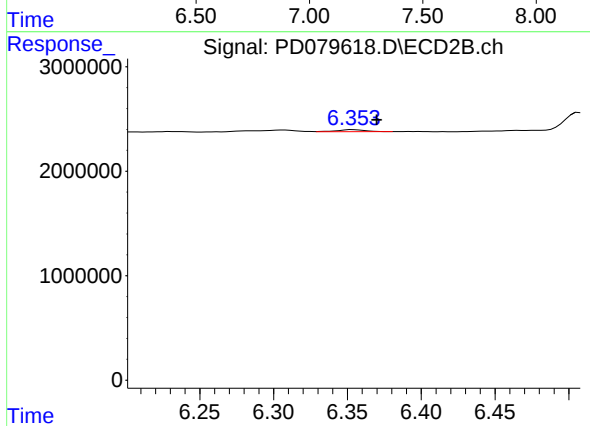
#18 Endrin aldehyde

R.T.: 6.144 min  
Delta R.T.: -0.004 min  
Response: 6629500  
Conc: 3.57 ng/ml



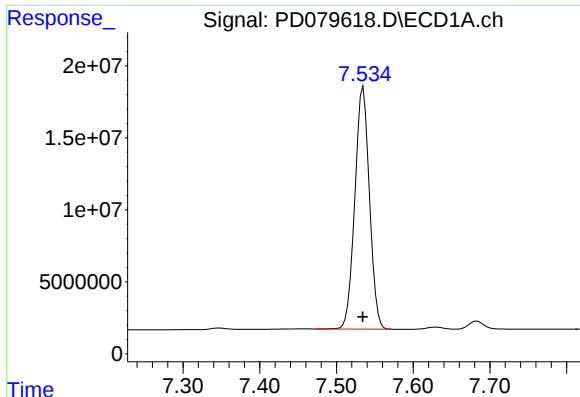
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.196 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

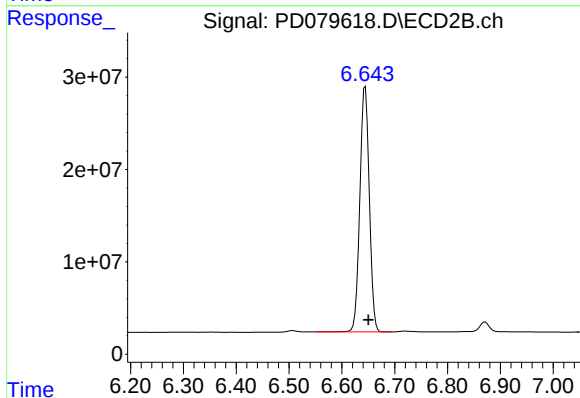
R.T.: 6.354 min  
Delta R.T.: -0.016 min  
Response: 256444  
Conc: 0.11 ng/ml



#20 Methoxychlor

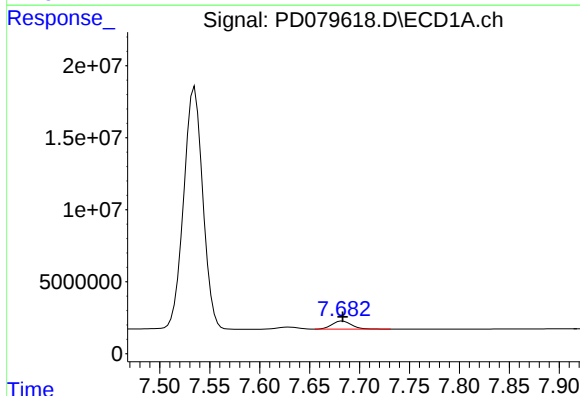
R.T.: 7.535 min  
Delta R.T.: 0.000 min  
Response: 223836729  
Conc: 204.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



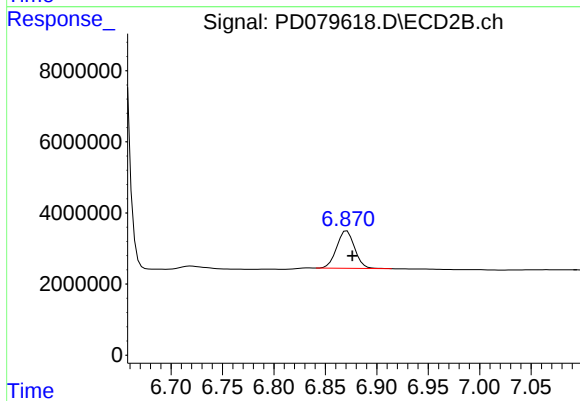
#20 Methoxychlor

R.T.: 6.644 min  
Delta R.T.: -0.006 min  
Response: 330265204  
Conc: 243.27 ng/ml



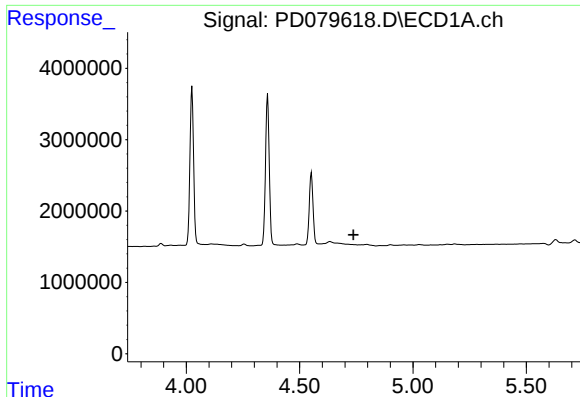
#21 Endrin ketone

R.T.: 7.683 min  
Delta R.T.: 0.000 min  
Response: 7735665  
Conc: 3.55 ng/ml



#21 Endrin ketone

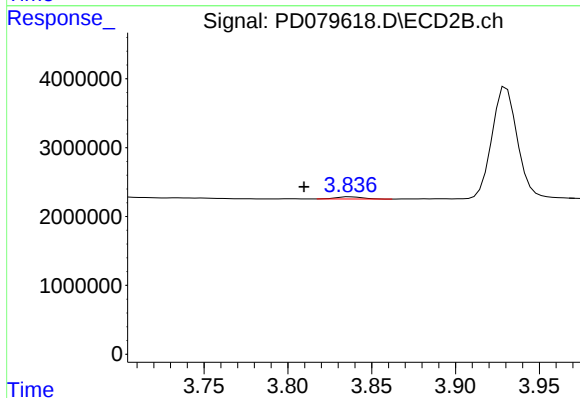
R.T.: 6.871 min  
Delta R.T.: -0.005 min  
Response: 12760742  
Conc: 4.56 ng/ml



#23 Chlordane-1

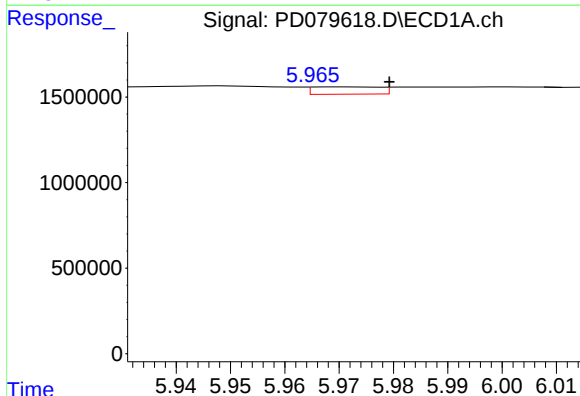
R.T.: 0.000 min  
Exp R.T.: 4.738 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



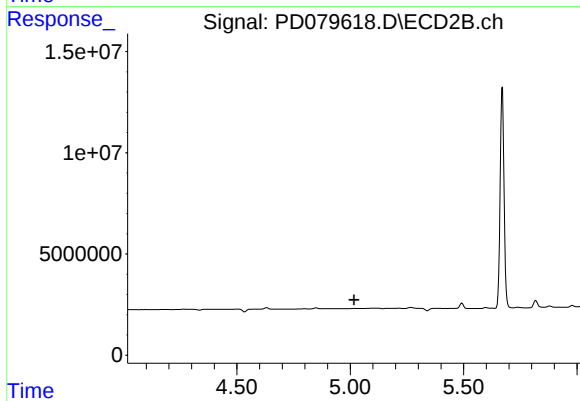
#23 Chlordane-1

R.T.: 3.837 min  
Delta R.T.: 0.028 min  
Response: 345278  
Conc: 3.98 ng/ml



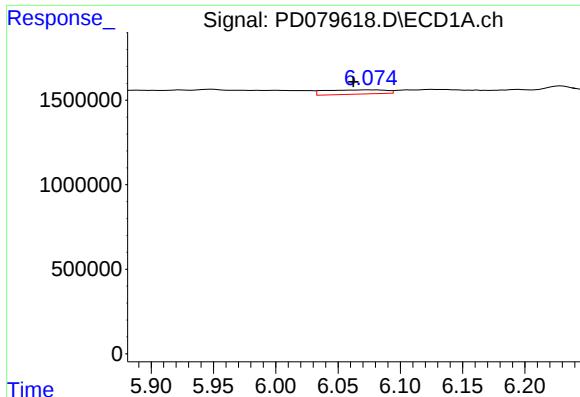
#25 Chlordane-3

R.T.: 5.970 min  
Delta R.T.: -0.009 min  
Response: 366161  
Conc: 1.18 ng/ml



#25 Chlordane-3

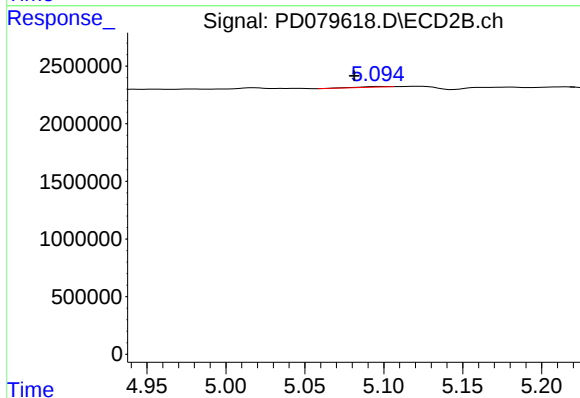
R.T.: 0.000 min  
Exp R.T.: 5.018 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

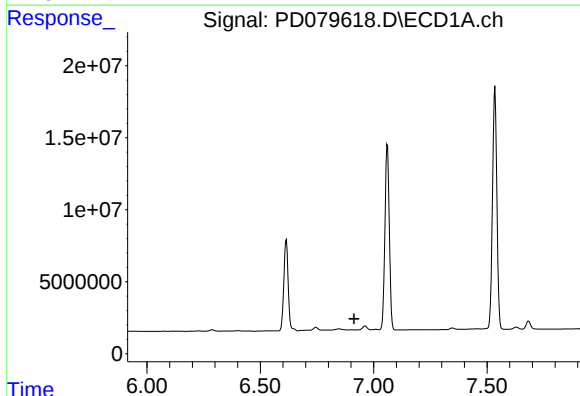
R.T.: 6.075 min  
Delta R.T.: 0.013 min  
Response: 874013  
Conc: 2.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



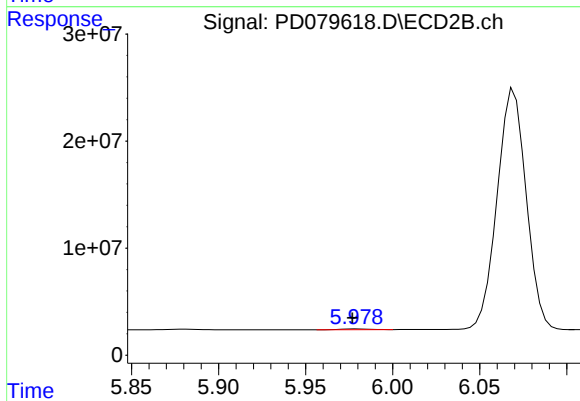
#26 Chlordane-4

R.T.: 5.097 min  
Delta R.T.: 0.015 min  
Response: 64040  
Conc: 0.26 ng/ml



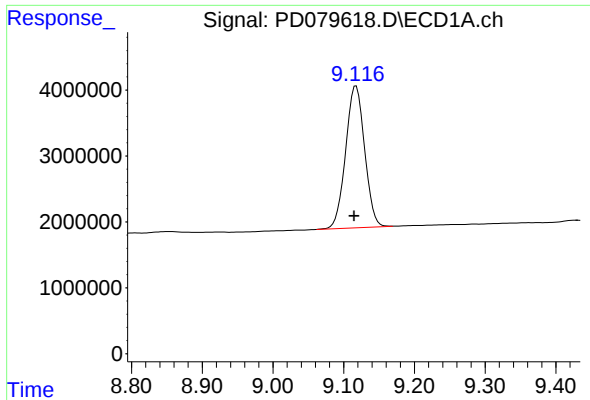
#27 Chlordane-5

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



#27 Chlordane-5

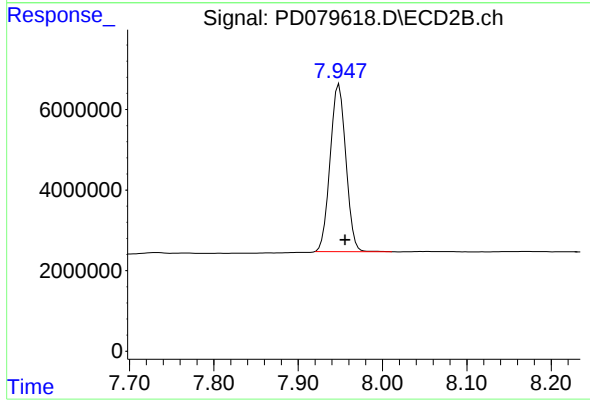
R.T.: 5.980 min  
Delta R.T.: 0.003 min  
Response: 841519  
Conc: 8.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.118 min  
Delta R.T.: 0.003 min  
Response: 40176827  
Conc: 20.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.949 min  
Delta R.T.: -0.007 min  
Response: 53868316  
Conc: 22.10 ng/ml