

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020524\  
 Data File : PD081071.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Feb 2024 14:15  
 Operator : AR\AJ  
 Sample : PB158786BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB158786BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 05 21:09:04 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 11:14:56 2024  
 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... | 3.566 | 2.795 | 31445835 | 49711080 | 22.152  | 20.781     |
| 28)                         | SA Decachlor... | 9.115 | 7.934 | 37977295 | 50799256 | 18.871  | 19.072     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.023 | 3.297 | 119.8E6  | 182.7E6  | 48.248  | 47.614     |
| 3)                          | MA gamma-BHC... | 4.357 | 3.626 | 114.6E6  | 173.8E6  | 46.824  | 46.480     |
| 4)                          | MA Heptachlor   | 4.950 | 3.967 | 120.1E6  | 170.1E6  | 48.693  | 49.321     |
| 5)                          | MB Aldrin       | 5.294 | 4.248 | 114.8E6  | 169.1E6  | 46.780  | 46.419     |
| 6)                          | B beta-BHC      | 4.551 | 3.922 | 48935386 | 72214827 | 48.362  | 46.215     |
| 7)                          | B delta-BHC     | 4.801 | 4.152 | 112.6E6  | 171.7E6  | 44.877  | 45.738     |
| 8)                          | B Heptachlo...  | 5.720 | 4.750 | 105.4E6  | 153.1E6  | 47.053  | 45.698     |
| 9)                          | A Endosulfan I  | 6.107 | 5.120 | 101.2E6  | 141.2E6  | 48.808  | 46.117     |
| 10)                         | B gamma-Chl...  | 5.976 | 5.000 | 107.0E6  | 154.3E6  | 48.863  | 47.179     |
| 11)                         | B alpha-Chl...  | 6.056 | 5.064 | 105.5E6  | 151.9E6  | 48.469  | 46.468     |
| 12)                         | B 4,4'-DDE      | 6.227 | 5.252 | 98268033 | 146.9E6  | 48.292  | 47.960     |
| 13)                         | MA Dieldrin     | 6.382 | 5.384 | 106.9E6  | 158.3E6  | 48.378  | 46.559     |
| 14)                         | MA Endrin       | 6.613 | 5.659 | 90749460 | 145.3E6  | 48.587  | 49.026     |
| 15)                         | B Endosulfa...  | 6.830 | 5.952 | 90635084 | 134.3E6  | 46.805  | 46.686     |
| 16)                         | A 4,4'-DDD      | 6.744 | 5.806 | 81105823 | 123.6E6  | 49.361  | 47.075     |
| 17)                         | MA 4,4'-DDT     | 7.059 | 6.057 | 87607903 | 124.6E6  | 49.193  | 46.969     |
| 18)                         | B Endrin al...  | 6.961 | 6.131 | 70443947 | 102.9E6  | 46.310  | 45.631     |
| 19)                         | B Endosulfa...  | 7.195 | 6.353 | 89756161 | 131.1E6  | 47.271  | 47.005     |
| 20)                         | A Methoxychlor  | 7.534 | 6.631 | 47413261 | 69422101 | 46.065  | 44.352     |
| 21)                         | B Endrin ke...  | 7.683 | 6.860 | 99884881 | 147.0E6  | 47.764  | 45.544     |
| 22)                         | Mirex           | 8.158 | 7.043 | 74300239 | 110.0E6  | 45.047  | 43.644     |
| 23)                         | Chlordane-1     | 0.000 | 3.808 | 0        | 3352434  | N.D.    | 32.966 #   |
| 24)                         | Chlordane-2     | 0.000 | 4.384 | 0        | 937284   | N.D.    | 7.647 #    |
| 25)                         | Chlordane-3     | 5.976 | 5.000 | 107.0E6  | 154.3E6  | 338.721 | 459.818 #  |
| 26)                         | Chlordane-4     | 6.056 | 5.064 | 105.5E6  | 151.9E6  | 277.184 | 478.224 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.952 | 0        | 134.3E6  | N.D.    | 1107.409 # |
| -----                       |                 |       |       |          |          |         |            |

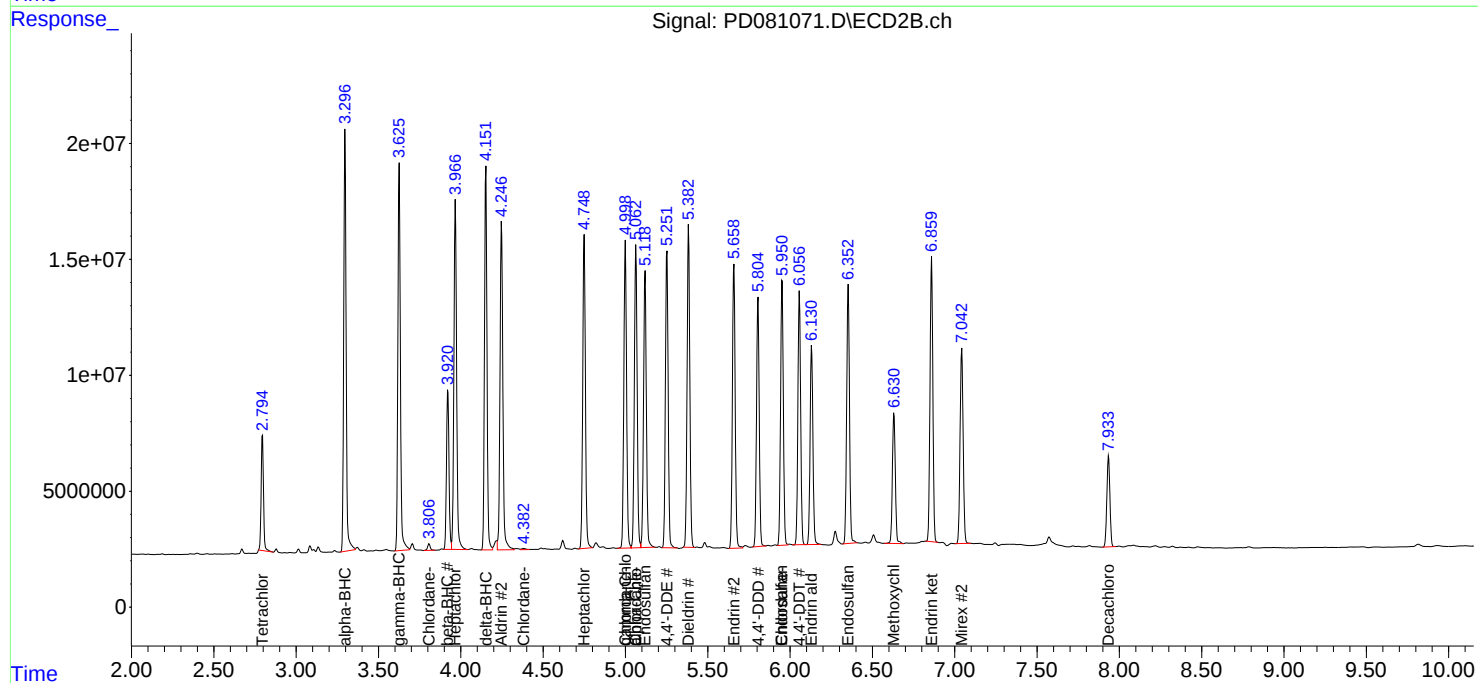
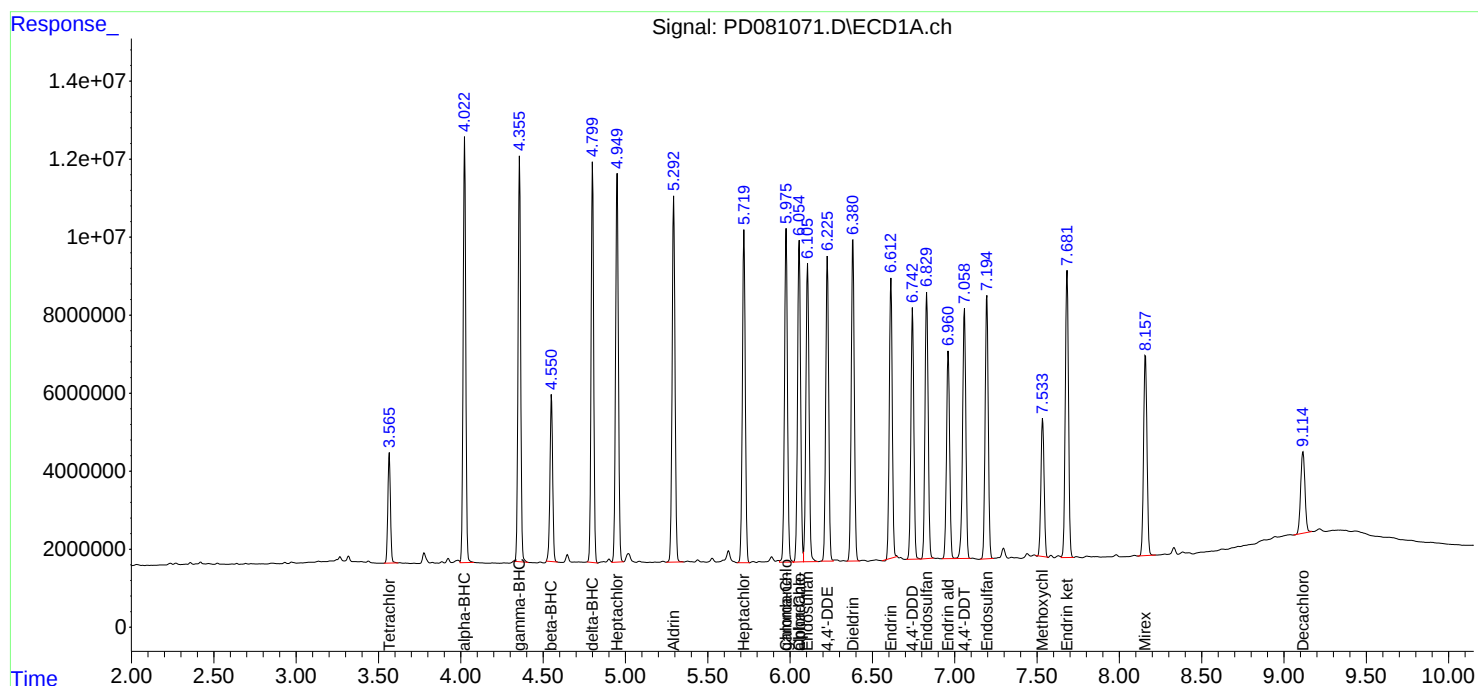
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

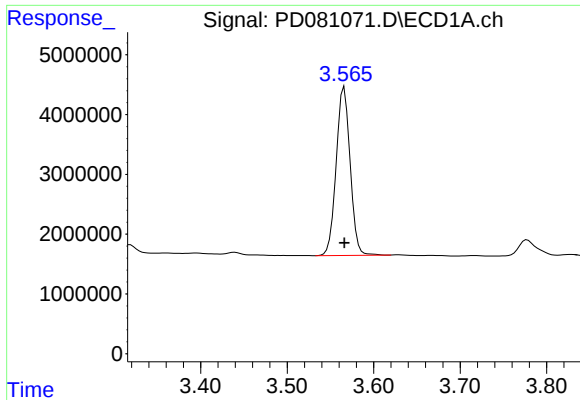
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020524\  
Data File : PD081071.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Feb 2024 14:15  
Operator : AR\AJ  
Sample : PB158786BS  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB158786BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 05 21:09:04 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 25 11:14:56 2024  
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

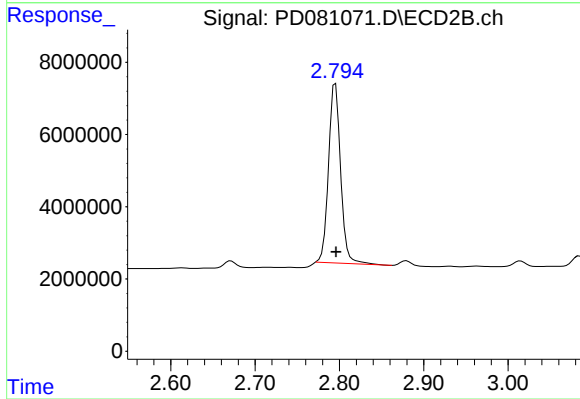




#1 Tetrachloro-m-xylene

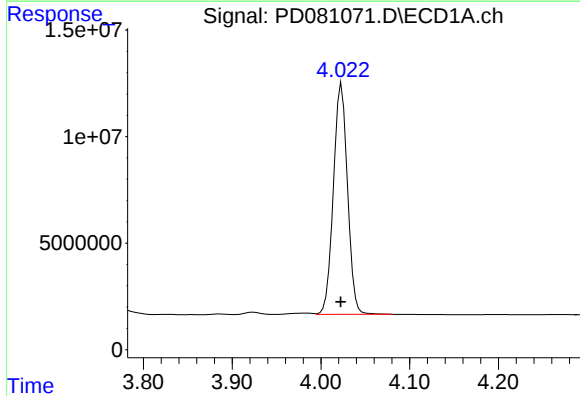
R.T.: 3.566 min  
Delta R.T.: 0.000 min  
Response: 31445835  
Conc: 22.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158786BS



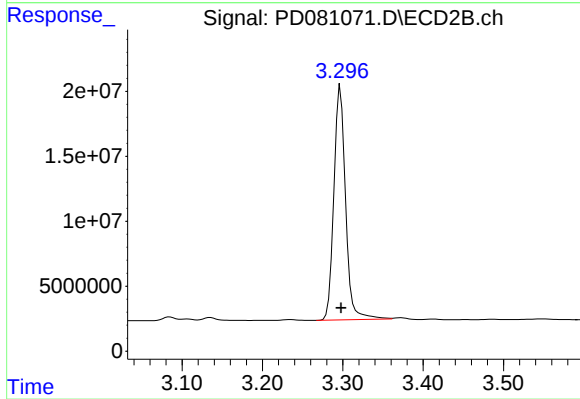
#1 Tetrachloro-m-xylene

R.T.: 2.795 min  
Delta R.T.: 0.000 min  
Response: 49711080  
Conc: 20.78 ng/ml



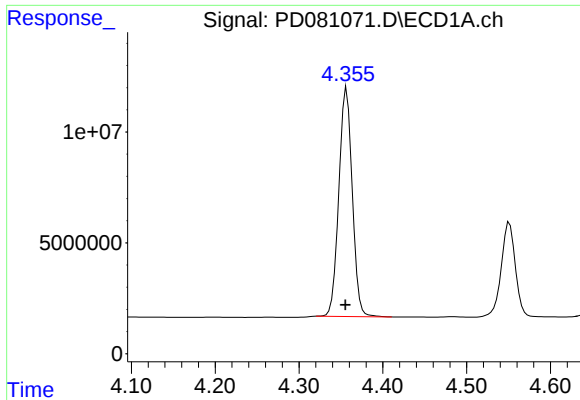
#2 alpha-BHC

R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 119840604  
Conc: 48.25 ng/ml



#2 alpha-BHC

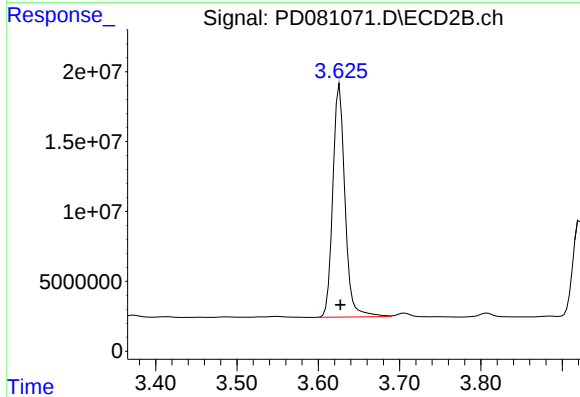
R.T.: 3.297 min  
Delta R.T.: 0.000 min  
Response: 182699574  
Conc: 47.61 ng/ml



#3 gamma-BHC (Lindane)

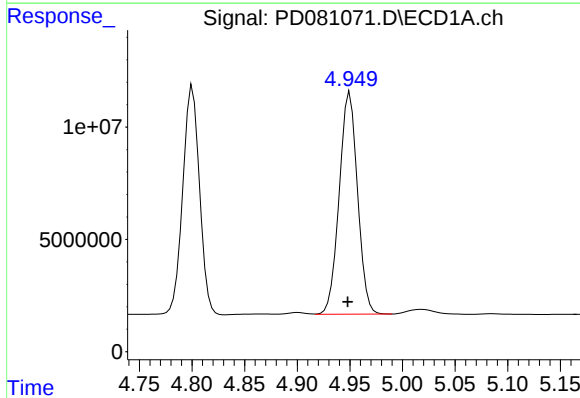
R.T.: 4.357 min  
Delta R.T.: 0.001 min  
Response: 114607553  
Conc: 46.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158786BS



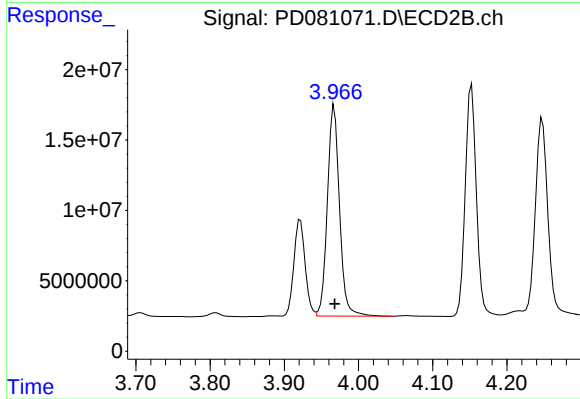
#3 gamma-BHC (Lindane)

R.T.: 3.626 min  
Delta R.T.: 0.000 min  
Response: 173784378  
Conc: 46.48 ng/ml



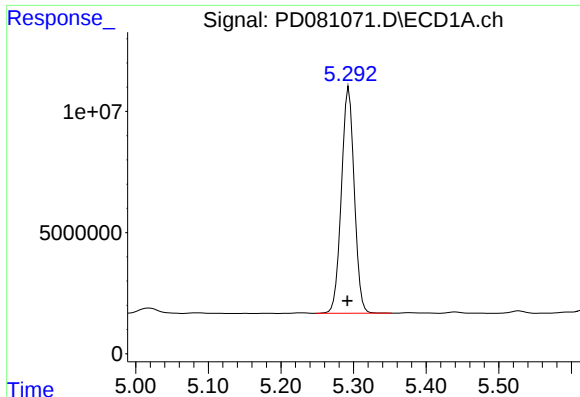
#4 Heptachlor

R.T.: 4.950 min  
Delta R.T.: 0.002 min  
Response: 120094742  
Conc: 48.69 ng/ml



#4 Heptachlor

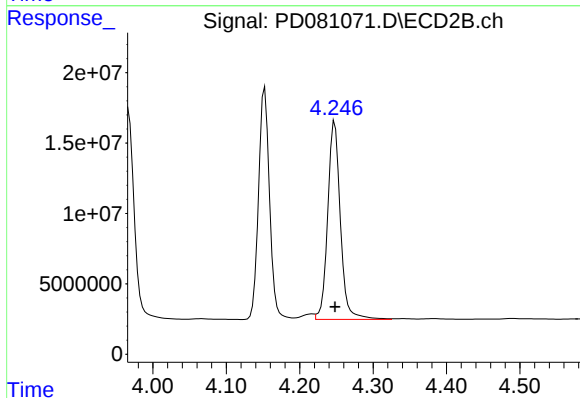
R.T.: 3.967 min  
Delta R.T.: 0.000 min  
Response: 170063352  
Conc: 49.32 ng/ml



#5 Aldrin

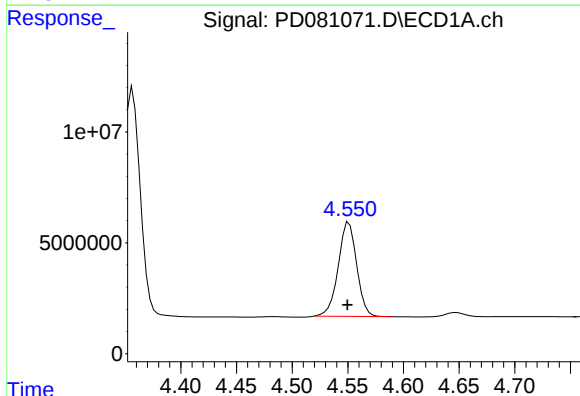
R.T.: 5.294 min  
Delta R.T.: 0.002 min  
Response: 114826987  
Conc: 46.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158786BS



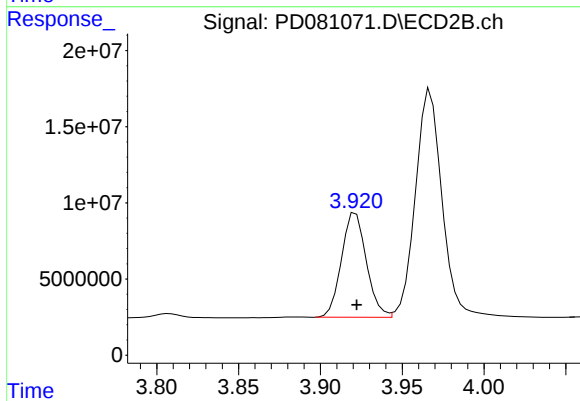
#5 Aldrin

R.T.: 4.248 min  
Delta R.T.: 0.000 min  
Response: 169059841  
Conc: 46.42 ng/ml



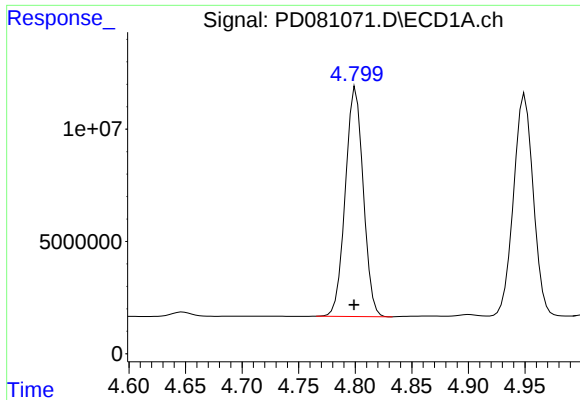
#6 beta-BHC

R.T.: 4.551 min  
Delta R.T.: 0.001 min  
Response: 48935386  
Conc: 48.36 ng/ml



#6 beta-BHC

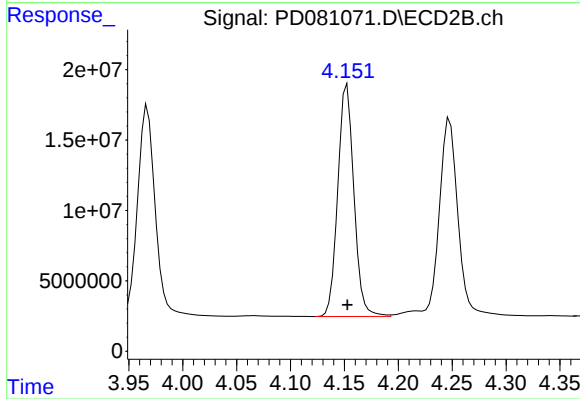
R.T.: 3.922 min  
Delta R.T.: 0.000 min  
Response: 72214827  
Conc: 46.21 ng/ml



#7 delta-BHC

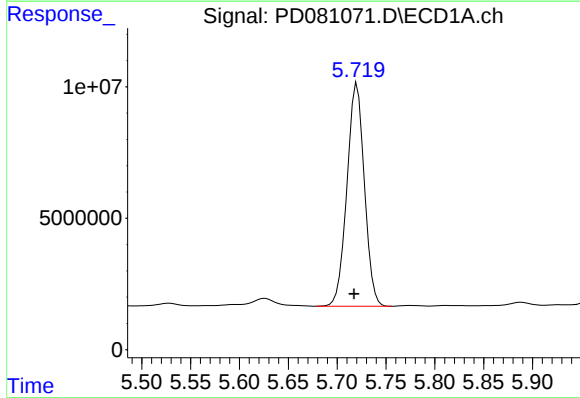
R.T.: 4.801 min  
Delta R.T.: 0.002 min  
Response: 112587797  
Conc: 44.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158786BS



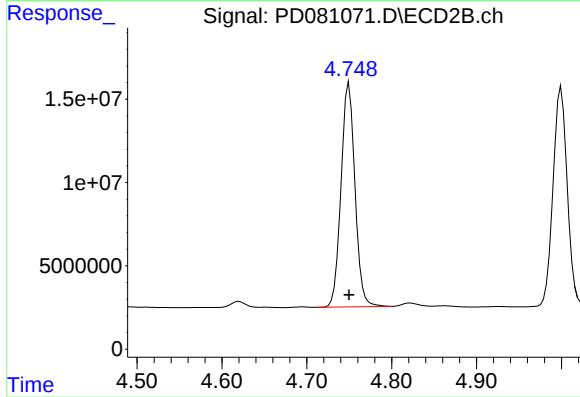
#7 delta-BHC

R.T.: 4.152 min  
Delta R.T.: 0.000 min  
Response: 171653405  
Conc: 45.74 ng/ml



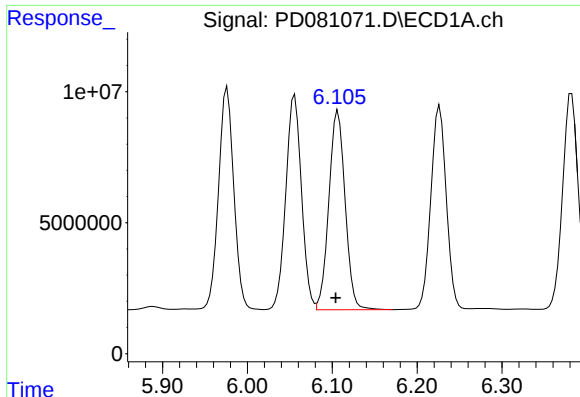
#8 Heptachlor epoxide

R.T.: 5.720 min  
Delta R.T.: 0.003 min  
Response: 105361717  
Conc: 47.05 ng/ml



#8 Heptachlor epoxide

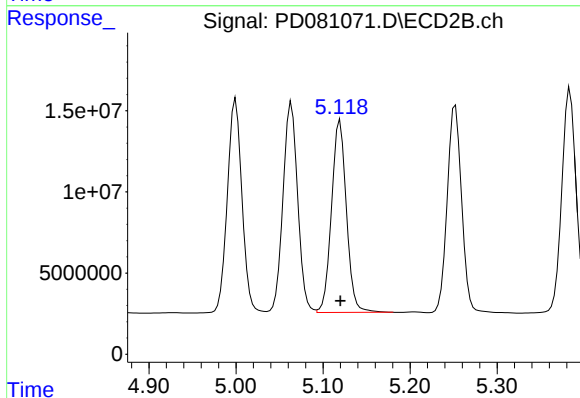
R.T.: 4.750 min  
Delta R.T.: 0.000 min  
Response: 153065464  
Conc: 45.70 ng/ml



#9 Endosulfan I

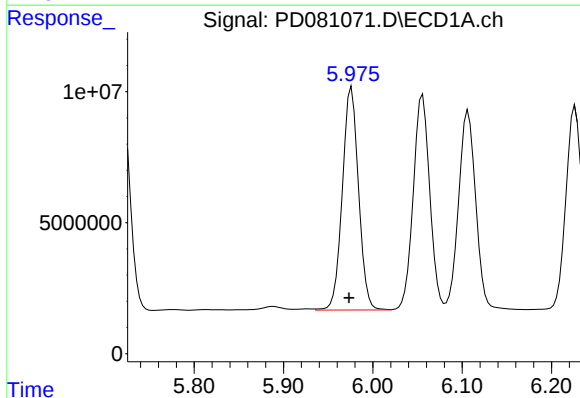
R.T.: 6.107 min  
Delta R.T.: 0.003 min  
Response: 101231377  
Conc: 48.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158786BS



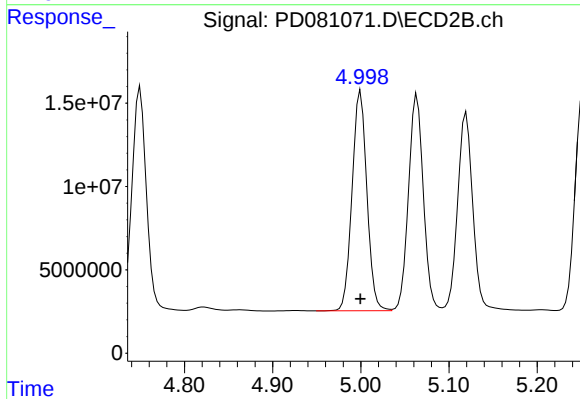
#9 Endosulfan I

R.T.: 5.120 min  
Delta R.T.: 0.000 min  
Response: 141244529  
Conc: 46.12 ng/ml



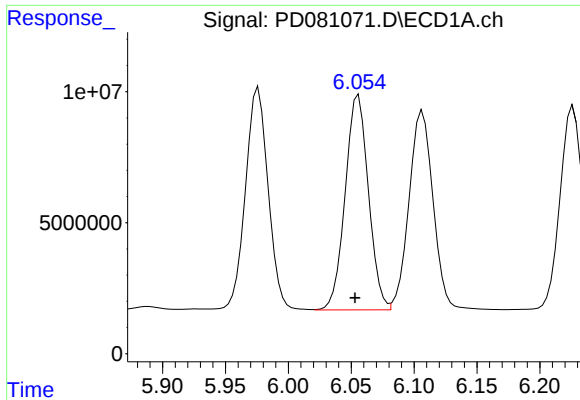
#10 gamma-Chlordane

R.T.: 5.976 min  
Delta R.T.: 0.002 min  
Response: 106966160  
Conc: 48.86 ng/ml



#10 gamma-Chlordane

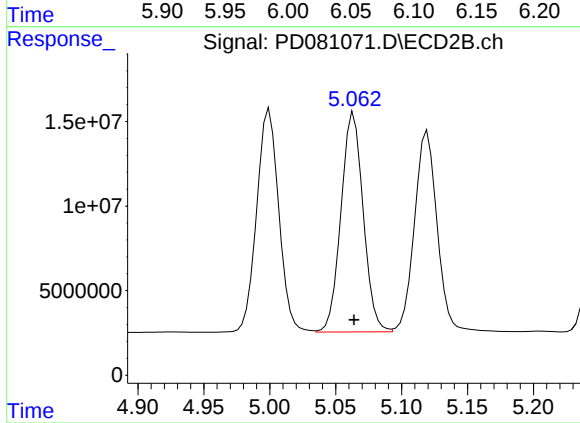
R.T.: 5.000 min  
Delta R.T.: 0.000 min  
Response: 154322342  
Conc: 47.18 ng/ml



#11 alpha-Chlordane

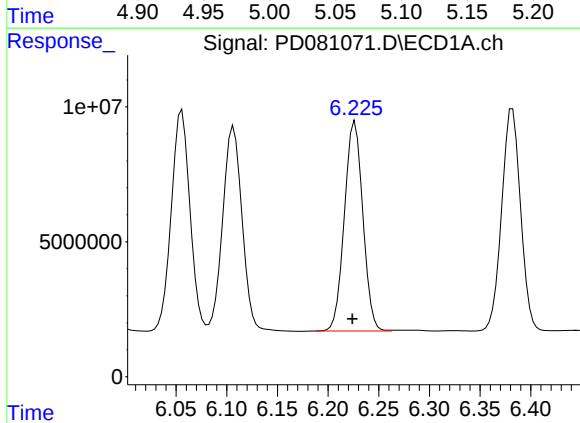
R.T.: 6.056 min  
Delta R.T.: 0.003 min  
Response: 105536491  
Conc: 48.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158786BS



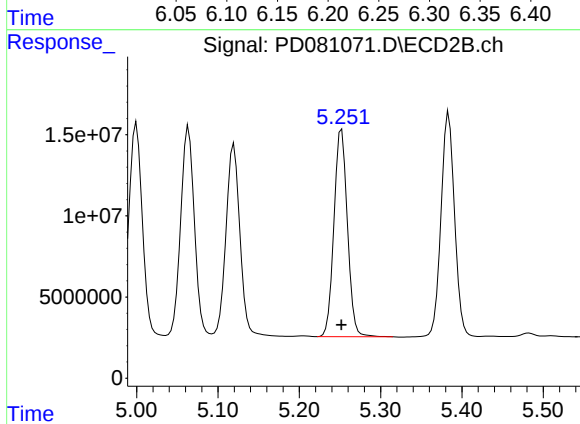
#11 alpha-Chlordane

R.T.: 5.064 min  
Delta R.T.: 0.000 min  
Response: 151929367  
Conc: 46.47 ng/ml



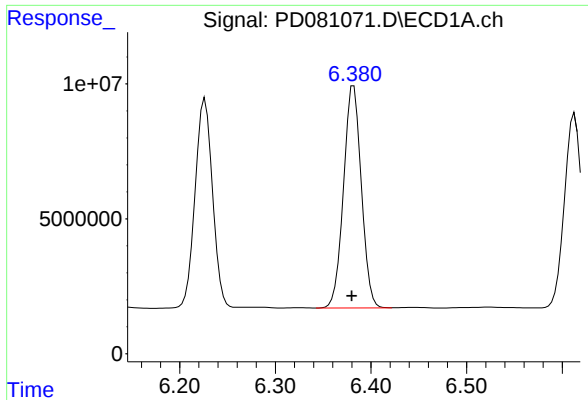
#12 4,4'-DDE

R.T.: 6.227 min  
Delta R.T.: 0.003 min  
Response: 98268033  
Conc: 48.29 ng/ml



#12 4,4'-DDE

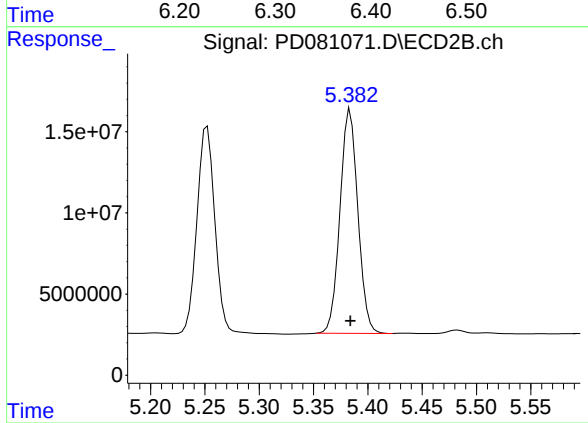
R.T.: 5.252 min  
Delta R.T.: 0.000 min  
Response: 146912158  
Conc: 47.96 ng/ml



#13 Dieldrin

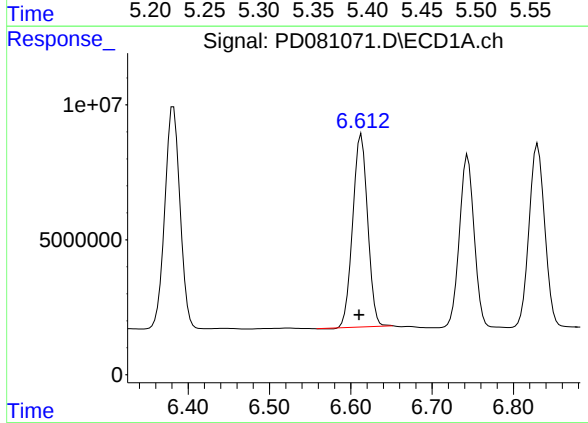
R.T.: 6.382 min  
Delta R.T.: 0.002 min  
Response: 106901101  
Conc: 48.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158786BS



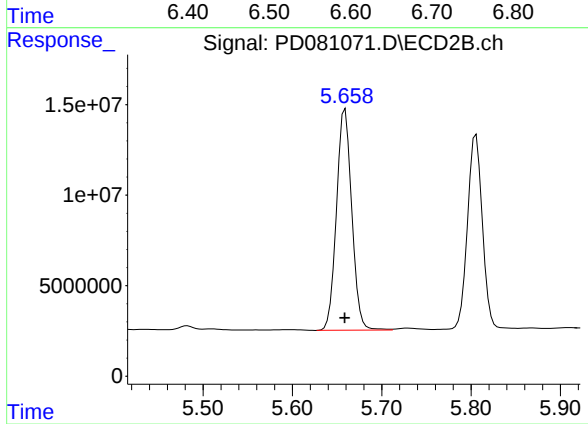
#13 Dieldrin

R.T.: 5.384 min  
Delta R.T.: 0.000 min  
Response: 158336451  
Conc: 46.56 ng/ml



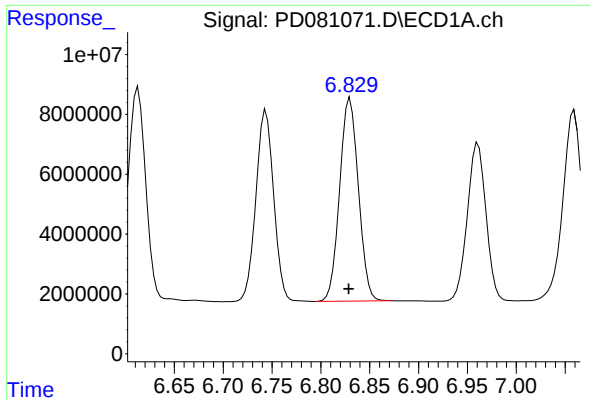
#14 Endrin

R.T.: 6.613 min  
Delta R.T.: 0.003 min  
Response: 90749460  
Conc: 48.59 ng/ml



#14 Endrin

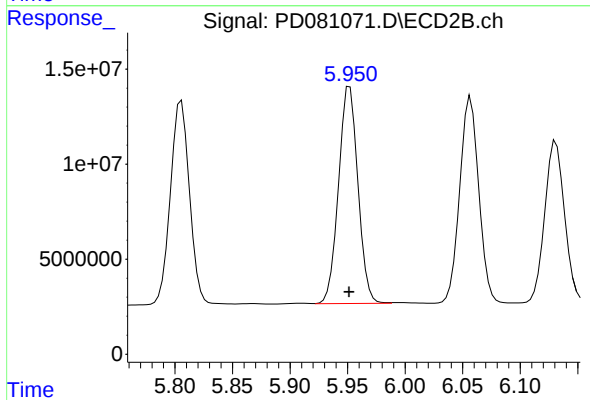
R.T.: 5.659 min  
Delta R.T.: 0.000 min  
Response: 145283655  
Conc: 49.03 ng/ml



#15 Endosulfan II

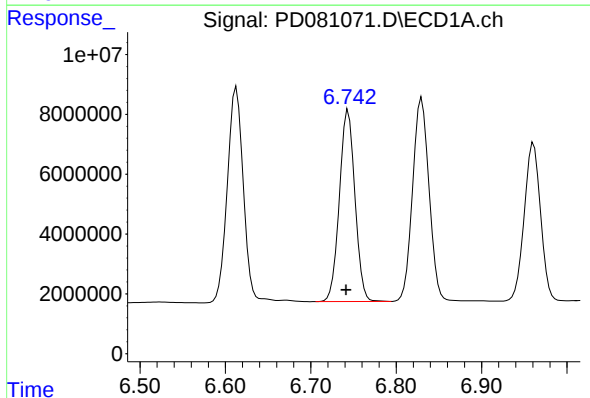
R.T.: 6.830 min  
Delta R.T.: 0.002 min  
Response: 90635084  
Conc: 46.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158786BS



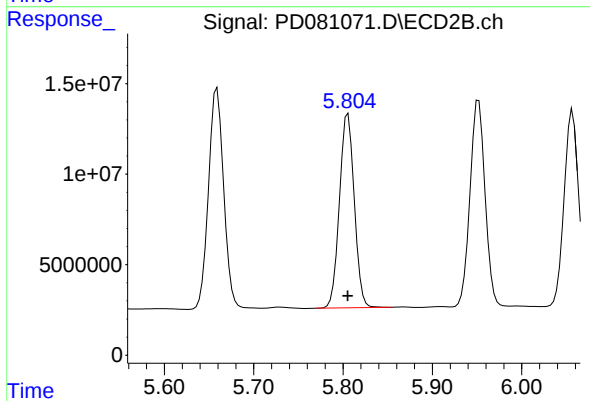
#15 Endosulfan II

R.T.: 5.952 min  
Delta R.T.: 0.000 min  
Response: 134263998  
Conc: 46.69 ng/ml



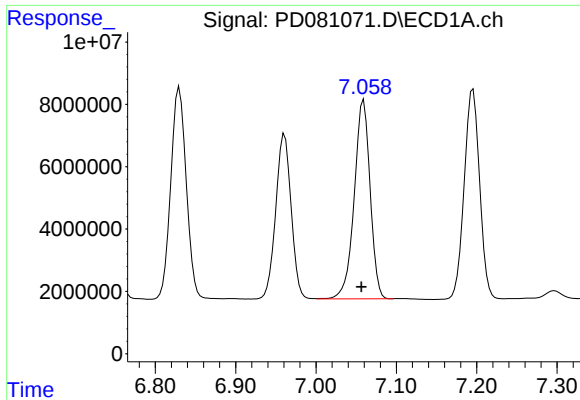
#16 4,4'-DDD

R.T.: 6.744 min  
Delta R.T.: 0.003 min  
Response: 81105823  
Conc: 49.36 ng/ml



#16 4,4'-DDD

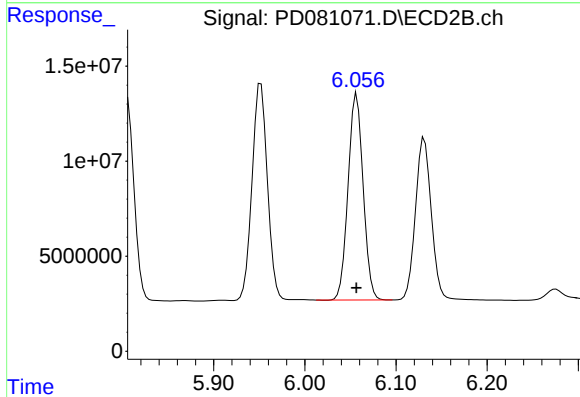
R.T.: 5.806 min  
Delta R.T.: 0.000 min  
Response: 123585341  
Conc: 47.08 ng/ml



#17 4,4'-DDT

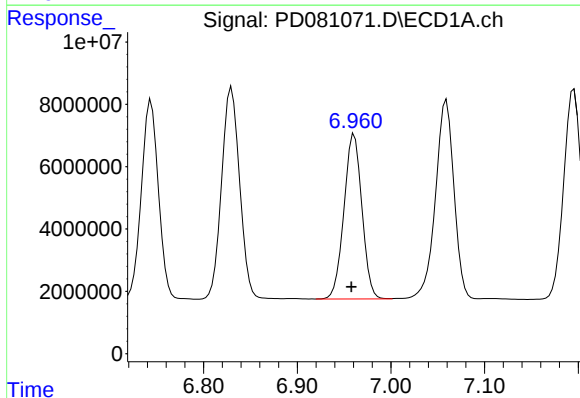
R.T.: 7.059 min  
Delta R.T.: 0.003 min  
Response: 87607903  
Conc: 49.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158786BS



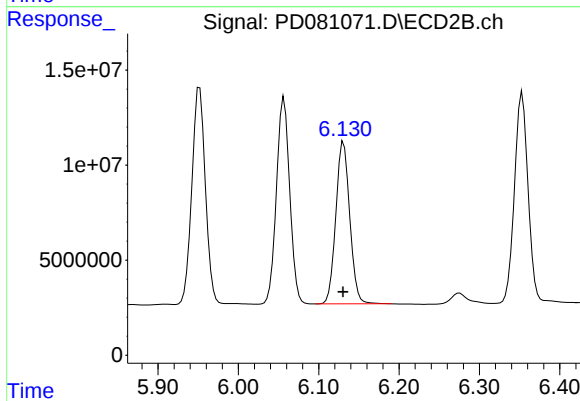
#17 4,4'-DDT

R.T.: 6.057 min  
Delta R.T.: 0.000 min  
Response: 124612200  
Conc: 46.97 ng/ml



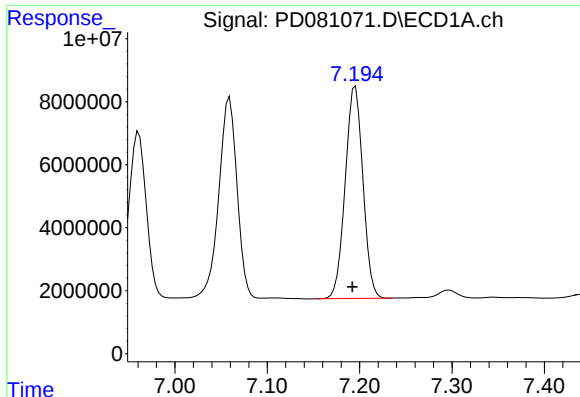
#18 Endrin aldehyde

R.T.: 6.961 min  
Delta R.T.: 0.003 min  
Response: 70443947  
Conc: 46.31 ng/ml



#18 Endrin aldehyde

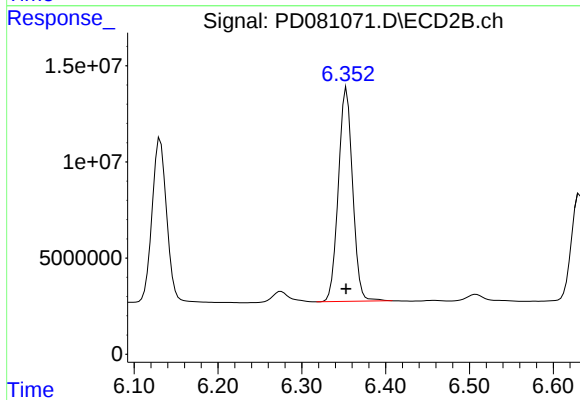
R.T.: 6.131 min  
Delta R.T.: 0.000 min  
Response: 102882782  
Conc: 45.63 ng/ml



#19 Endosulfan Sulfate

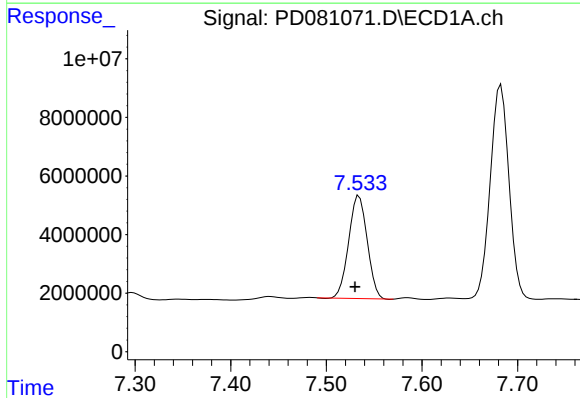
R.T.: 7.195 min  
Delta R.T.: 0.003 min  
Response: 89756161  
Conc: 47.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158786BS



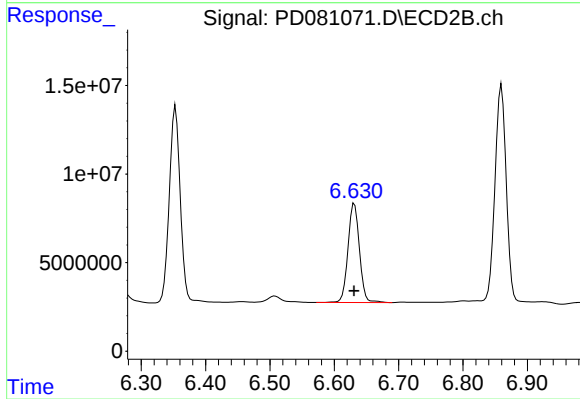
#19 Endosulfan Sulfate

R.T.: 6.353 min  
Delta R.T.: 0.000 min  
Response: 131114153  
Conc: 47.00 ng/ml



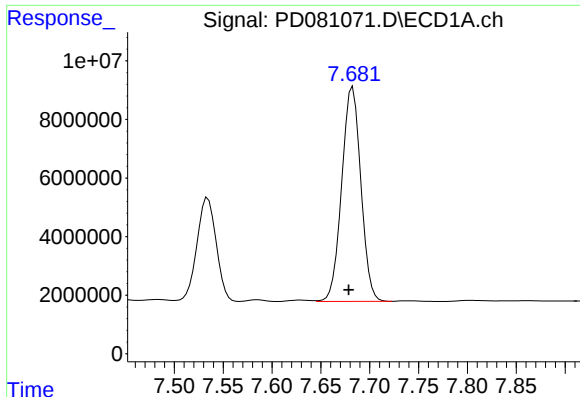
#20 Methoxychlor

R.T.: 7.534 min  
Delta R.T.: 0.004 min  
Response: 47413261  
Conc: 46.06 ng/ml



#20 Methoxychlor

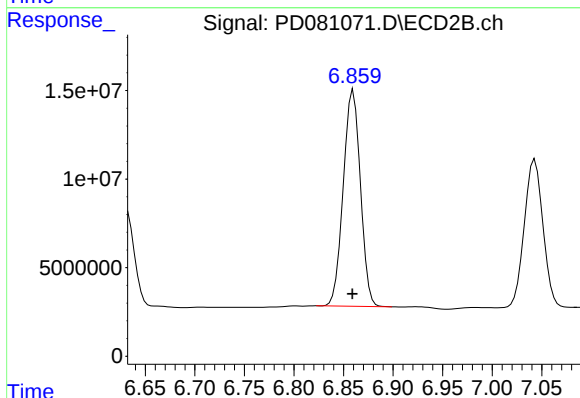
R.T.: 6.631 min  
Delta R.T.: 0.000 min  
Response: 69422101  
Conc: 44.35 ng/ml



#21 Endrin ketone

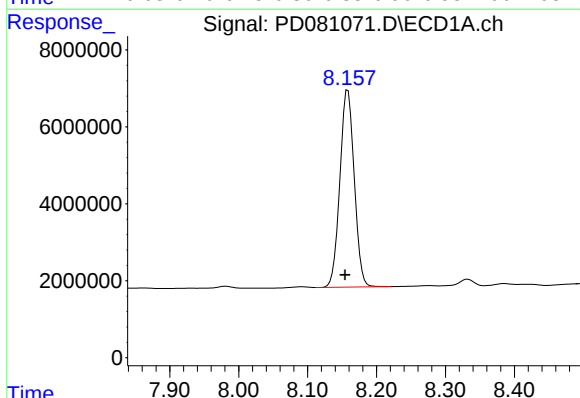
R.T.: 7.683 min  
Delta R.T.: 0.004 min  
Response: 99884881  
Conc: 47.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158786BS



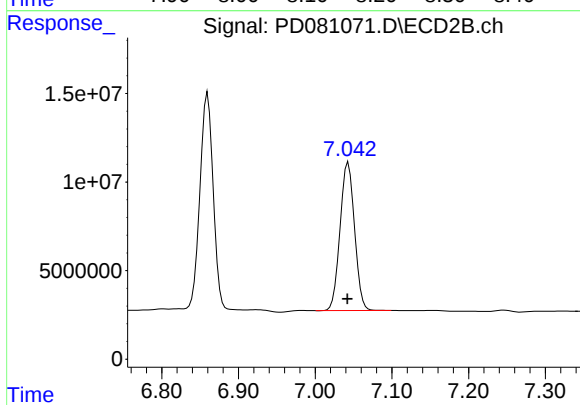
#21 Endrin ketone

R.T.: 6.860 min  
Delta R.T.: 0.000 min  
Response: 146972385  
Conc: 45.54 ng/ml



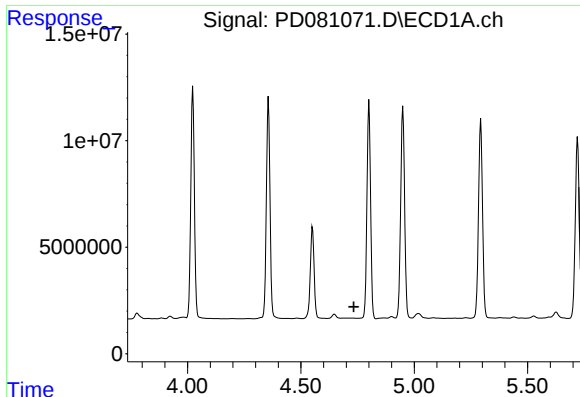
#22 Mirex

R.T.: 8.158 min  
Delta R.T.: 0.004 min  
Response: 74300239  
Conc: 45.05 ng/ml



#22 Mirex

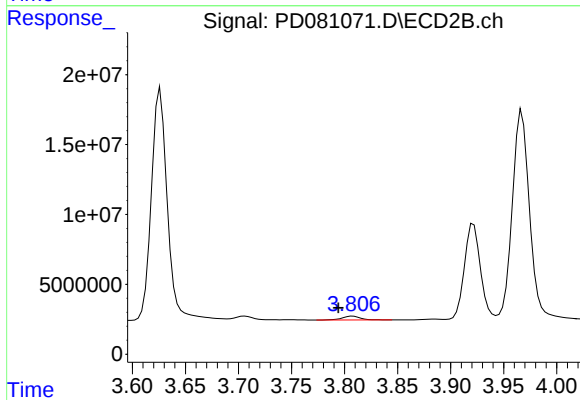
R.T.: 7.043 min  
Delta R.T.: 0.000 min  
Response: 109981419  
Conc: 43.64 ng/ml



#23 Chlordane-1

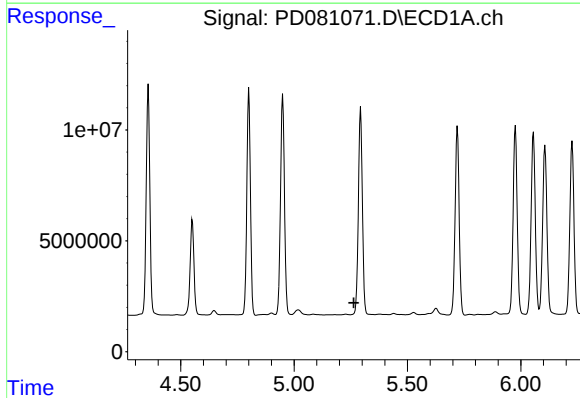
R.T.: 0.000 min  
Exp R.T.: 4.733 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB158786BS



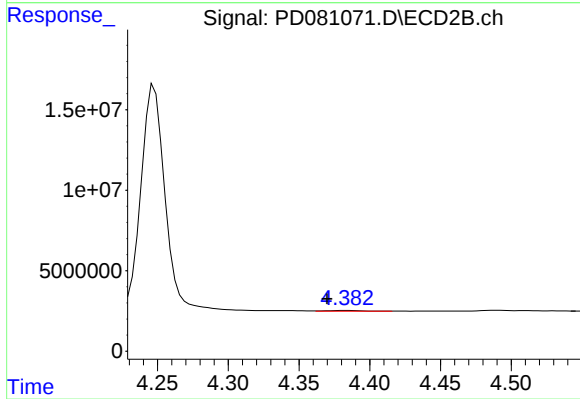
#23 Chlordane-1

R.T.: 3.808 min  
Delta R.T.: 0.014 min  
Response: 3352434  
Conc: 32.97 ng/ml



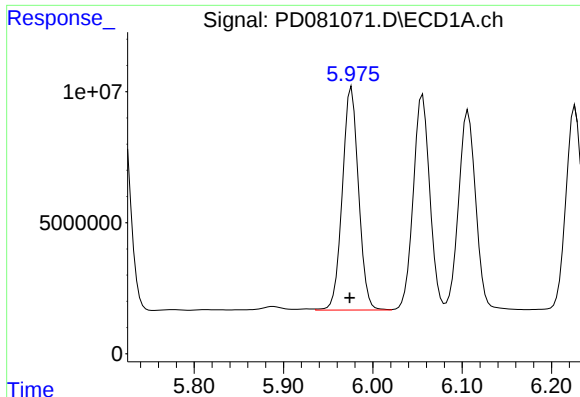
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.263 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

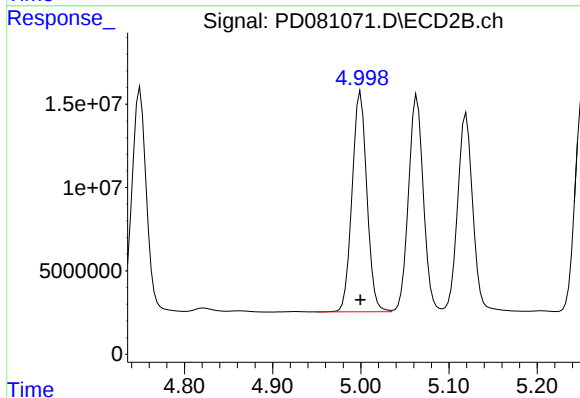
R.T.: 4.384 min  
Delta R.T.: 0.014 min  
Response: 937284  
Conc: 7.65 ng/ml



#25 Chlordane-3

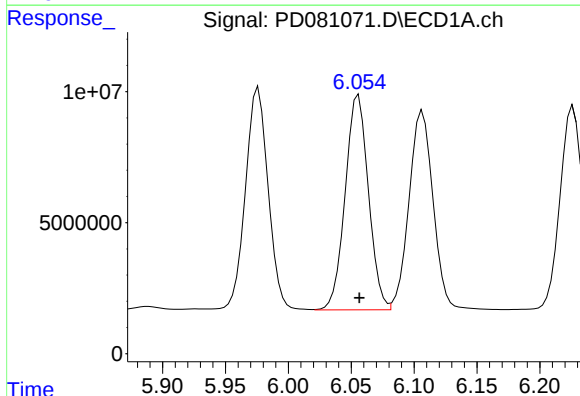
R.T.: 5.976 min  
Delta R.T.: 0.002 min  
Response: 106966160  
Conc: 338.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158786BS



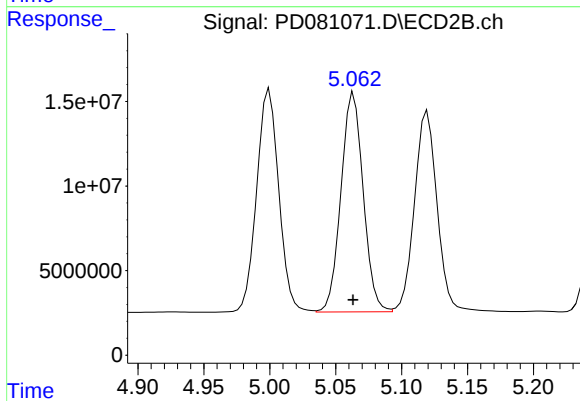
#25 Chlordane-3

R.T.: 5.000 min  
Delta R.T.: 0.000 min  
Response: 154322342  
Conc: 459.82 ng/ml



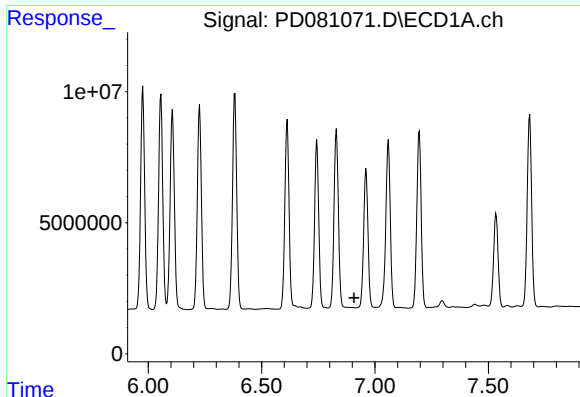
#26 Chlordane-4

R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 105536491  
Conc: 277.18 ng/ml



#26 Chlordane-4

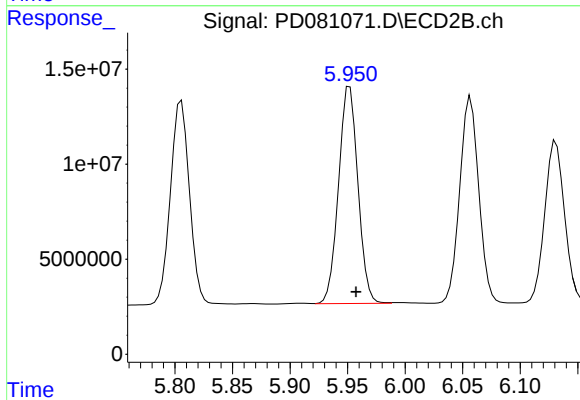
R.T.: 5.064 min  
Delta R.T.: 0.000 min  
Response: 151929367  
Conc: 478.22 ng/ml



#27 Chlordane-5

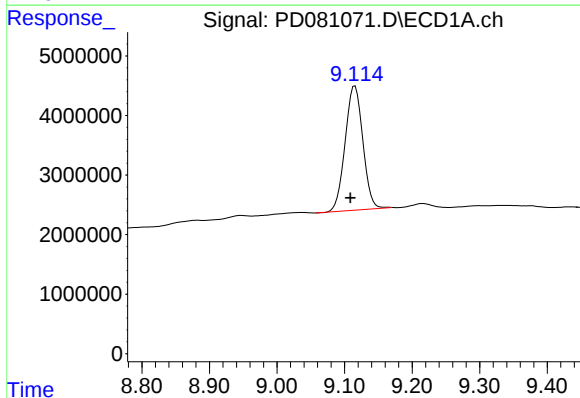
R.T.: 0.000 min  
Exp R.T.: 6.908 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB158786BS



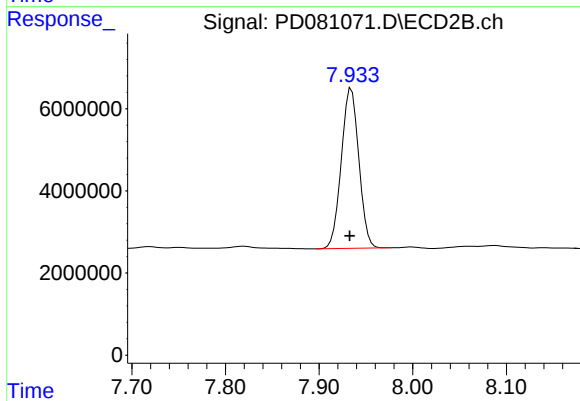
#27 Chlordane-5

R.T.: 5.952 min  
Delta R.T.: -0.006 min  
Response: 134263998  
Conc: 1107.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min  
Delta R.T.: 0.006 min  
Response: 37977295  
Conc: 18.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.934 min  
Delta R.T.: 0.002 min  
Response: 50799256  
Conc: 19.07 ng/ml