

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD021424\  
 Data File : PD081358.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Feb 2024 20:22  
 Operator : AR\AJ  
 Sample : P1461-01MS  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TP-2MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 14 01:40:13 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... | 3.565  | 2.794 | 29574488 | 52503579 | 20.833   | 21.948     |
| 28)                         | SA Decachlor... | 9.115  | 7.934 | 34206222 | 48990593 | 16.997   | 18.393     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.022  | 3.296 | 116.7E6  | 184.9E6  | 46.988   | 48.200     |
| 3)                          | MA gamma-BHC... | 4.356  | 3.625 | 112.8E6  | 178.3E6  | 46.091   | 47.679     |
| 4)                          | MA Heptachlor   | 4.948  | 3.966 | 117.7E6  | 171.2E6  | 47.720   | 49.639     |
| 5)                          | MB Aldrin       | 5.292  | 4.247 | 113.5E6  | 170.9E6  | 46.233   | 46.914     |
| 6)                          | B beta-BHC      | 4.550  | 3.921 | 47924157 | 74837906 | 47.363   | 47.893     |
| 7)                          | B delta-BHC     | 4.799  | 4.151 | 114.1E6  | 174.8E6  | 45.466   | 46.589     |
| 8)                          | B Heptachlo...  | 5.719  | 4.748 | 103.4E6  | 154.5E6  | 46.195   | 46.120     |
| 9)                          | A Endosulfan I  | 6.106  | 5.118 | 100.1E6  | 141.9E6  | 48.273   | 46.342     |
| 10)                         | B gamma-Chl...  | 5.975  | 4.998 | 105.5E6  | 158.1E6  | 48.188   | 48.324     |
| 11)                         | B alpha-Chl...  | 6.055  | 5.062 | 103.6E6  | 155.1E6  | 47.577   | 47.429     |
| 12)                         | B 4,4'-DDE      | 6.226  | 5.251 | 95893397 | 149.0E6  | 47.125   | 48.655     |
| 13)                         | MA Dieldrin     | 6.381  | 5.383 | 105.7E6  | 163.2E6  | 47.832   | 47.980     |
| 14)                         | MA Endrin       | 6.612  | 5.658 | 87012665 | 146.3E6  | 46.587   | 49.373     |
| 15)                         | B Endosulfa...  | 6.830  | 5.951 | 92099288 | 141.7E6  | 47.561   | 49.275     |
| 16)                         | A 4,4'-DDD      | 6.743  | 5.805 | 81012457 | 125.5E6  | 49.304   | 47.811     |
| 17)                         | MA 4,4'-DDT     | 7.059  | 6.055 | 81974476 | 126.6E6  | 46.030   | 47.705     |
| 18)                         | B Endrin al...  | 6.961  | 6.130 | 70346998 | 105.9E6  | 46.246   | 46.962     |
| 19)                         | B Endosulfa...  | 7.195  | 6.352 | 87233196 | 134.4E6  | 45.942   | 48.196     |
| 20)                         | A Methoxychlor  | 7.533  | 6.630 | 45683795 | 70252240 | 44.384   | 44.882     |
| 21)                         | B Endrin ke...  | 7.682  | 6.859 | 95337382 | 153.1E6  | 45.589   | 47.444     |
| 22)                         | Mirex           | 8.158  | 7.042 | 74222394 | 115.6E6  | 45.000   | 45.884     |
| 23)                         | Chlordane-1     | 0.000  | 3.806 | 0        | 4552240  | N.D.     | 44.764 #   |
| 24)                         | Chlordane-2     | 5.292f | 4.384 | 113.5E6  | 1121028  | 1370.889 | 9.146 #    |
| 25)                         | Chlordane-3     | 5.975  | 4.998 | 105.5E6  | 158.1E6  | 334.043  | 470.982 #  |
| 26)                         | Chlordane-4     | 6.055  | 5.062 | 103.6E6  | 155.1E6  | 272.085  | 488.109 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.951 | 0        | 141.7E6  | N.D.     | 1168.824 # |
| -----                       |                 |        |       |          |          |          |            |

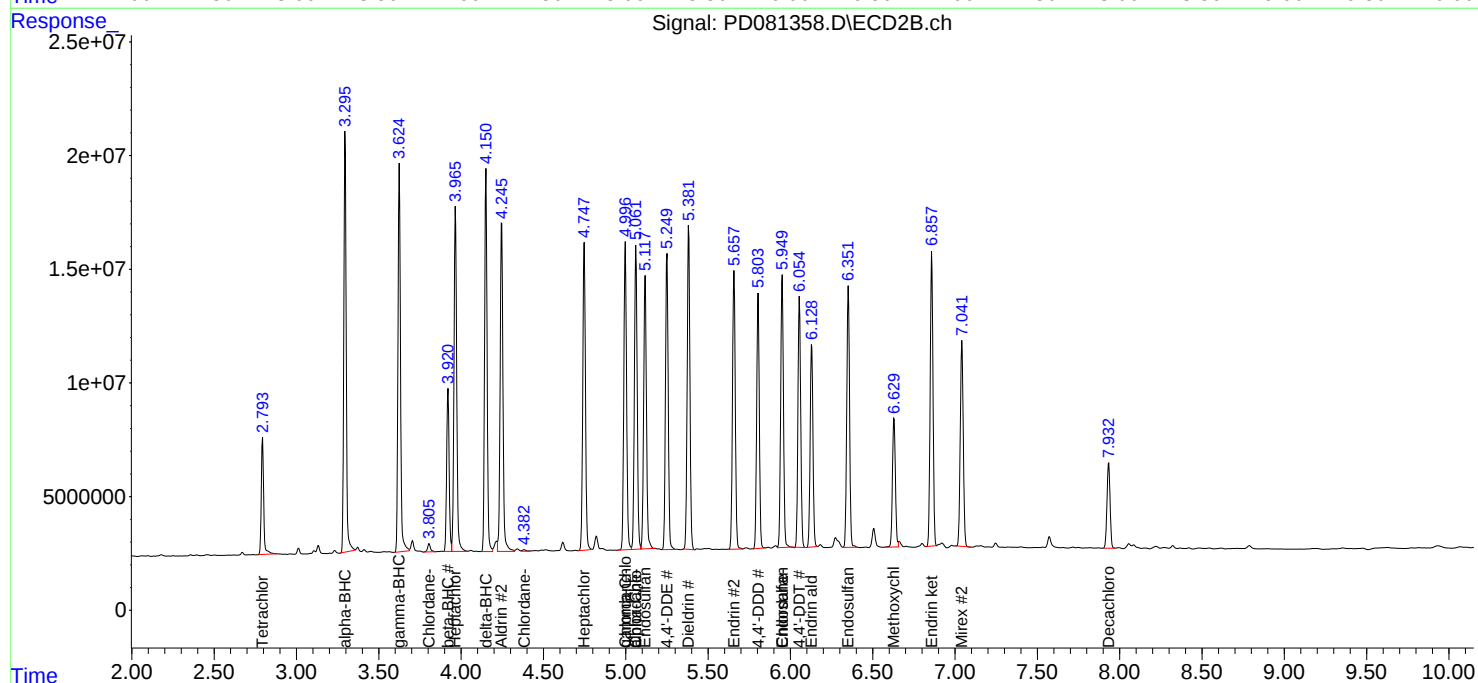
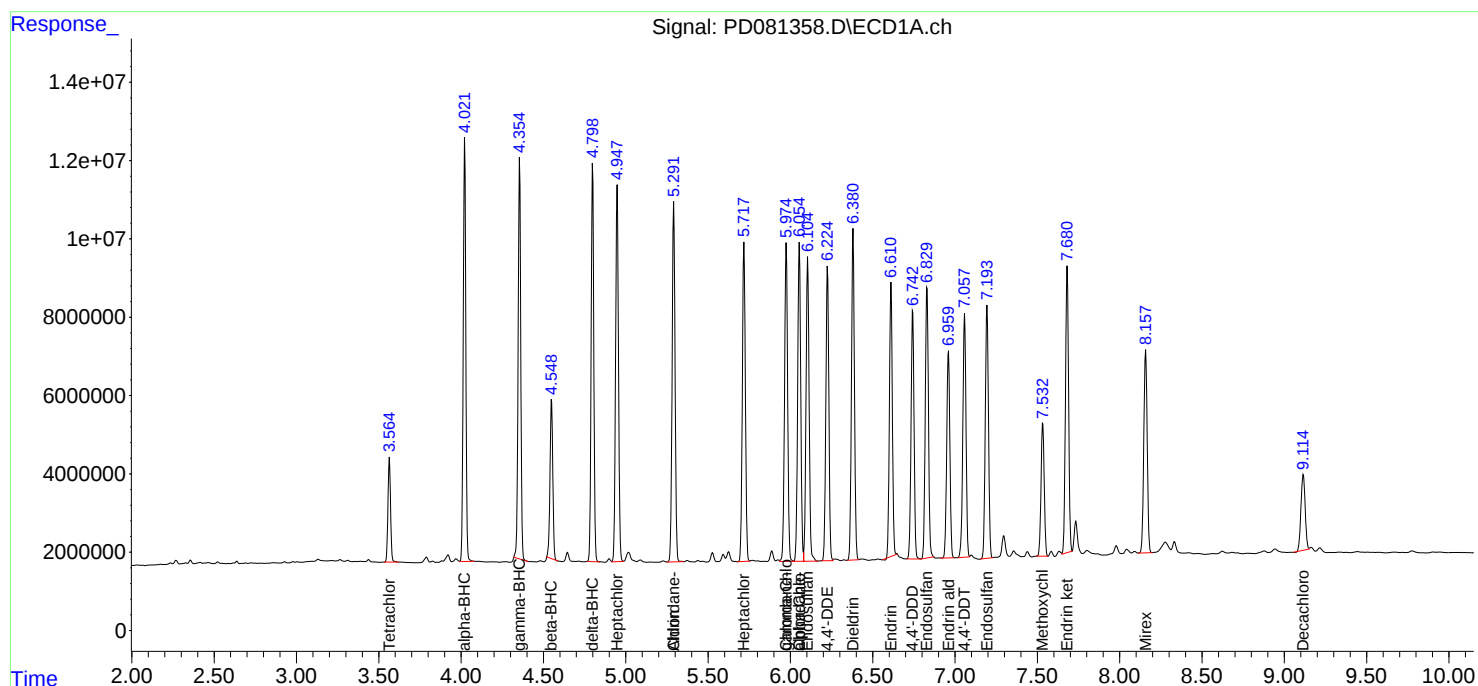
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

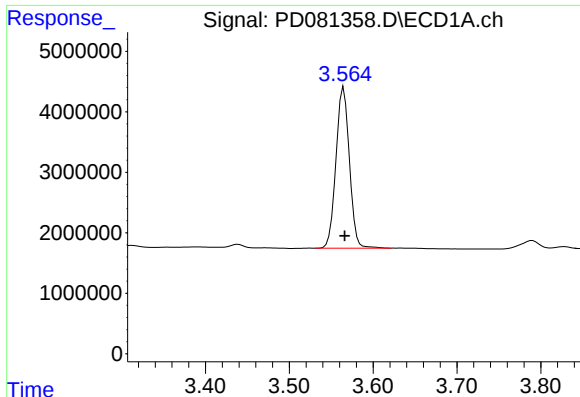
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD021424\  
Data File : PD081358.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Feb 2024 20:22  
Operator : AR\AJ  
Sample : P1461-01MS  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 14 01:40:13 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD021424.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

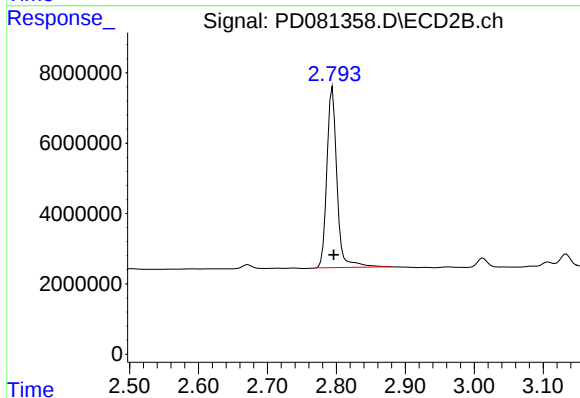




#1 Tetrachloro-m-xylene

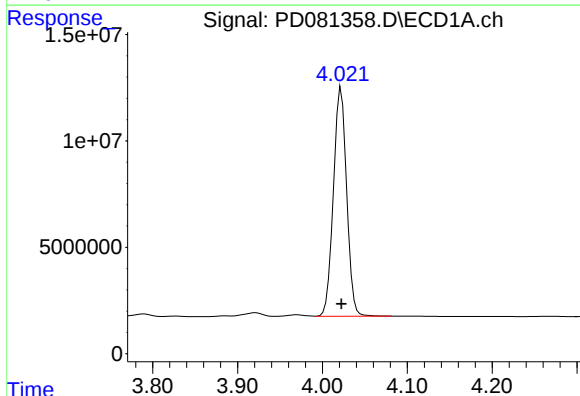
R.T.: 3.565 min  
Delta R.T.: -0.001 min  
Response: 29574488  
Conc: 20.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2MS



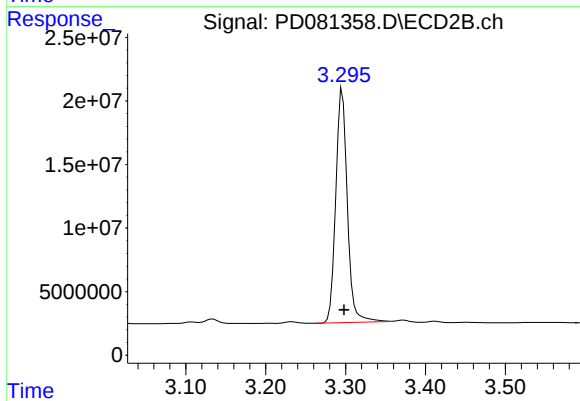
#1 Tetrachloro-m-xylene

R.T.: 2.794 min  
Delta R.T.: -0.002 min  
Response: 52503579  
Conc: 21.95 ng/ml



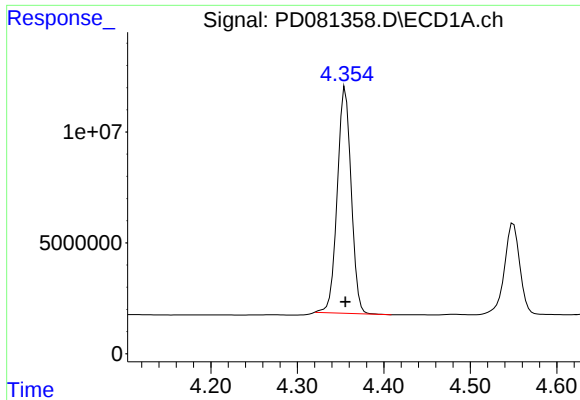
#2 alpha-BHC

R.T.: 4.022 min  
Delta R.T.: 0.000 min  
Response: 116709873  
Conc: 46.99 ng/ml



#2 alpha-BHC

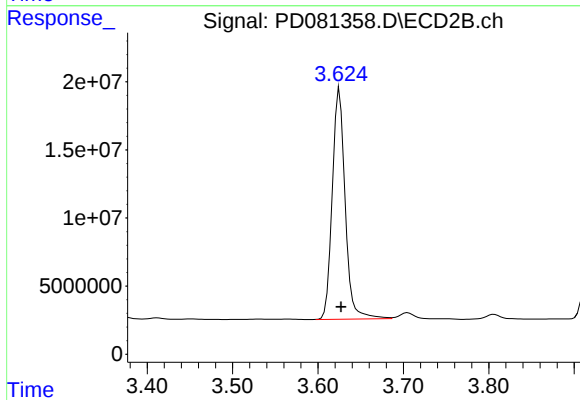
R.T.: 3.296 min  
Delta R.T.: -0.002 min  
Response: 184948594  
Conc: 48.20 ng/ml



#3 gamma-BHC (Lindane)

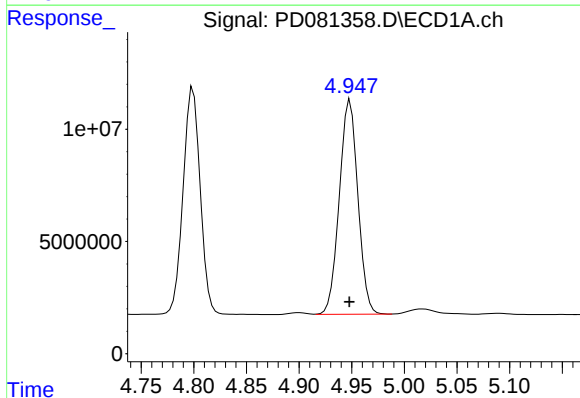
R.T.: 4.356 min  
Delta R.T.: 0.000 min  
Response: 112812052  
Conc: 46.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2MS



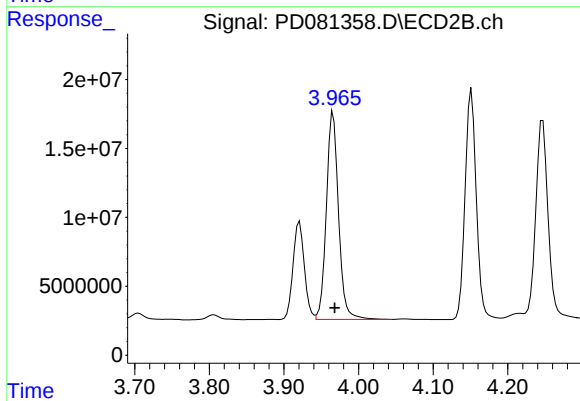
#3 gamma-BHC (Lindane)

R.T.: 3.625 min  
Delta R.T.: -0.002 min  
Response: 178268334  
Conc: 47.68 ng/ml



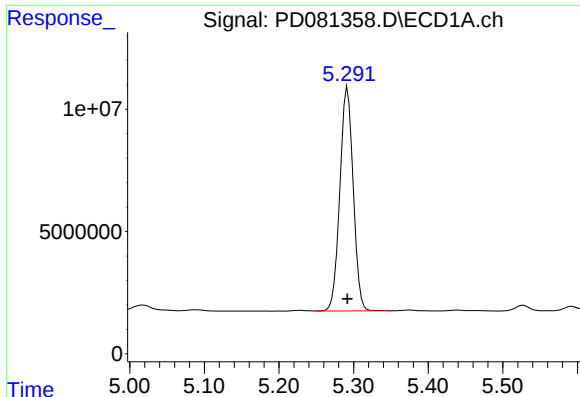
#4 Heptachlor

R.T.: 4.948 min  
Delta R.T.: 0.000 min  
Response: 117694236  
Conc: 47.72 ng/ml



#4 Heptachlor

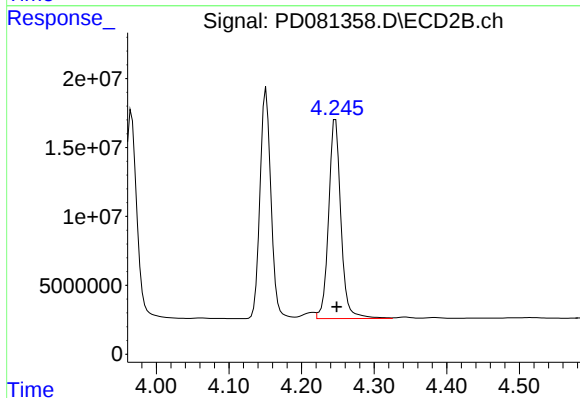
R.T.: 3.966 min  
Delta R.T.: -0.002 min  
Response: 171158373  
Conc: 49.64 ng/ml



#5 Aldrin

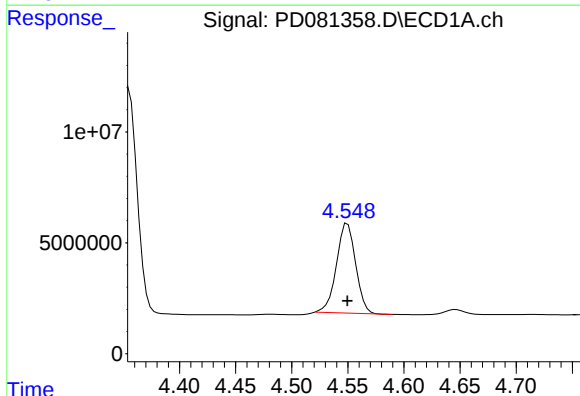
R.T.: 5.292 min  
Delta R.T.: 0.000 min  
Response: 113484830  
Conc: 46.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2MS



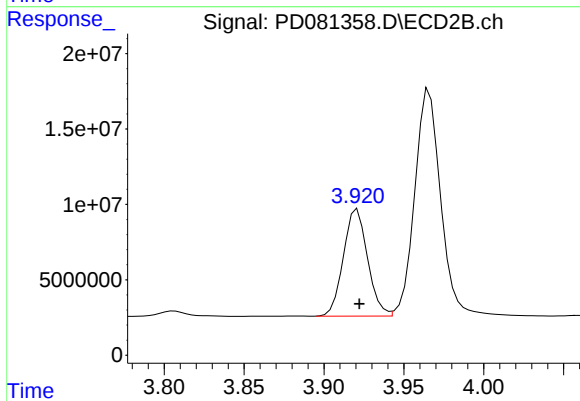
#5 Aldrin

R.T.: 4.247 min  
Delta R.T.: -0.002 min  
Response: 170860452  
Conc: 46.91 ng/ml



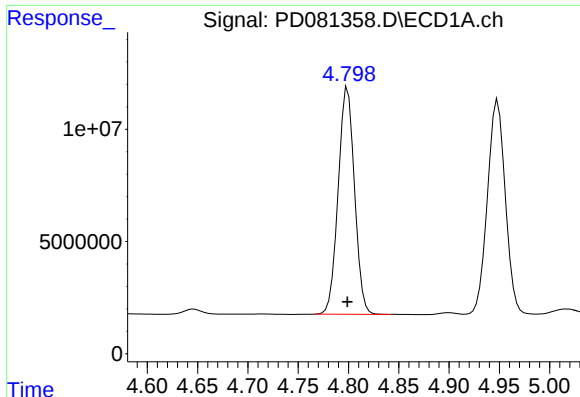
#6 beta-BHC

R.T.: 4.550 min  
Delta R.T.: 0.000 min  
Response: 47924157  
Conc: 47.36 ng/ml



#6 beta-BHC

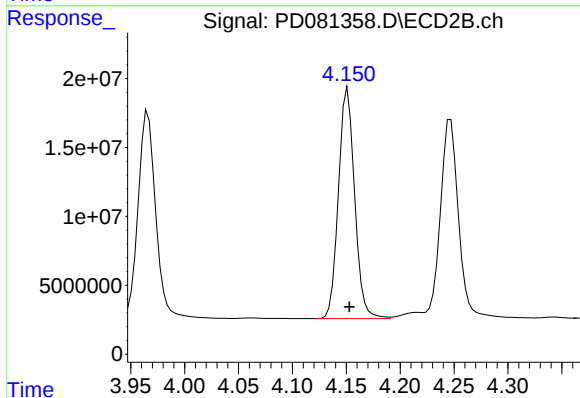
R.T.: 3.921 min  
Delta R.T.: -0.001 min  
Response: 74837906  
Conc: 47.89 ng/ml



#7 delta-BHC

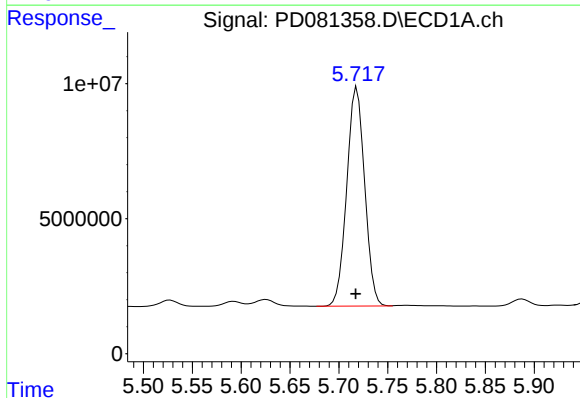
R.T.: 4.799 min  
Delta R.T.: 0.000 min  
Response: 114064313  
Conc: 45.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2MS



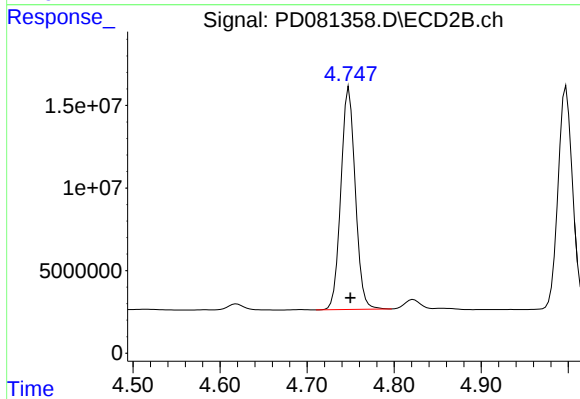
#7 delta-BHC

R.T.: 4.151 min  
Delta R.T.: -0.002 min  
Response: 174847767  
Conc: 46.59 ng/ml



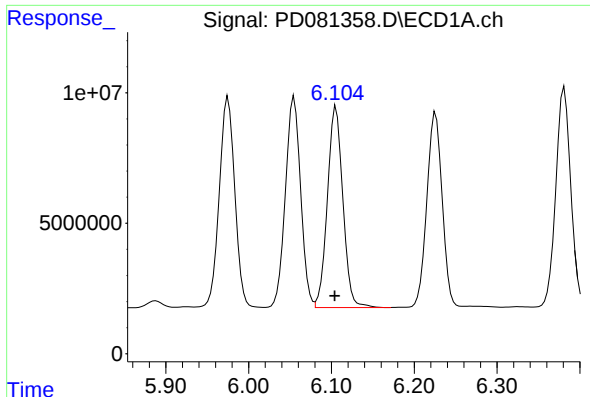
#8 Heptachlor epoxide

R.T.: 5.719 min  
Delta R.T.: 0.001 min  
Response: 103441283  
Conc: 46.20 ng/ml



#8 Heptachlor epoxide

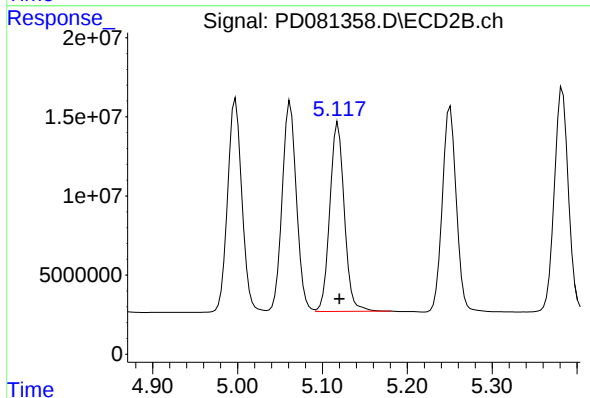
R.T.: 4.748 min  
Delta R.T.: -0.001 min  
Response: 154478953  
Conc: 46.12 ng/ml



#9 Endosulfan I

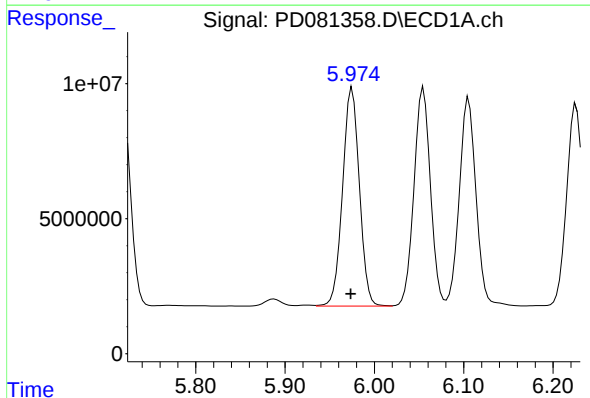
R.T.: 6.106 min  
Delta R.T.: 0.001 min  
Response: 100120932  
Conc: 48.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2MS



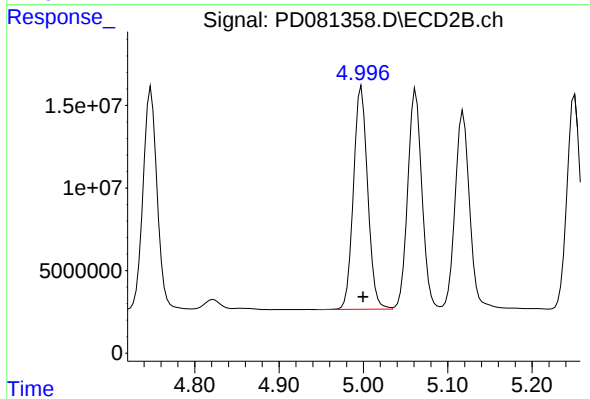
#9 Endosulfan I

R.T.: 5.118 min  
Delta R.T.: -0.002 min  
Response: 141933603  
Conc: 46.34 ng/ml



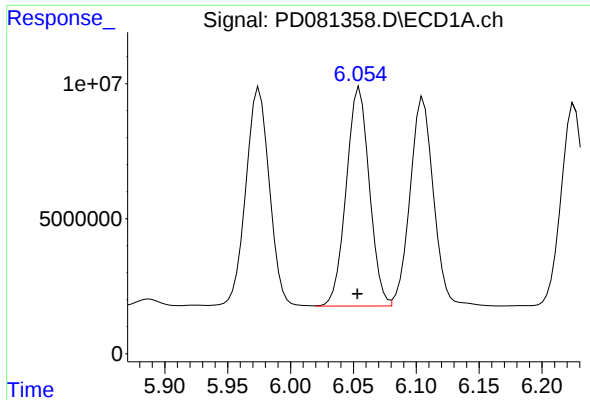
#10 gamma-Chlordane

R.T.: 5.975 min  
Delta R.T.: 0.001 min  
Response: 105488818  
Conc: 48.19 ng/ml



#10 gamma-Chlordane

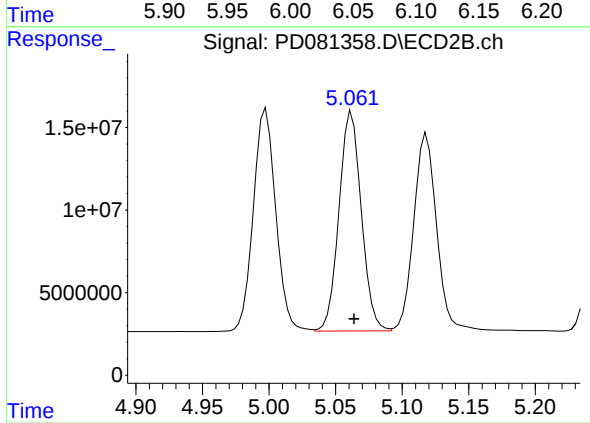
R.T.: 4.998 min  
Delta R.T.: -0.002 min  
Response: 158069150  
Conc: 48.32 ng/ml



#11 alpha-Chlordane

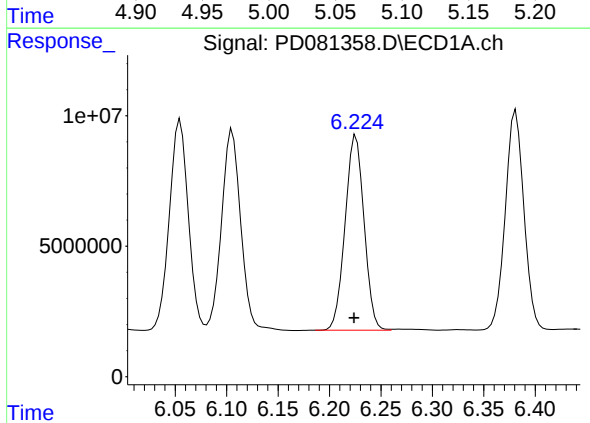
R.T.: 6.055 min  
Delta R.T.: 0.002 min  
Response: 103595178  
Conc: 47.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2MS



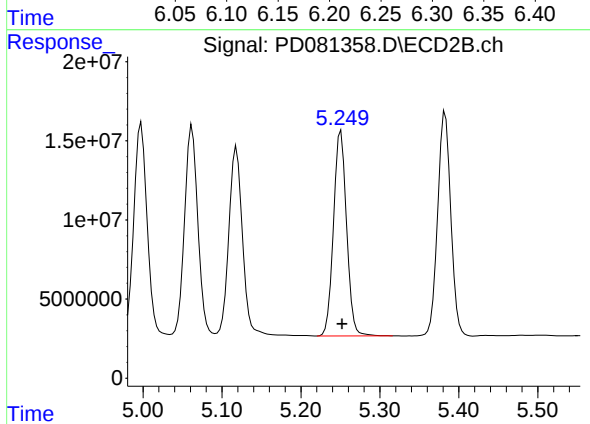
#11 alpha-Chlordane

R.T.: 5.062 min  
Delta R.T.: -0.002 min  
Response: 155069874  
Conc: 47.43 ng/ml



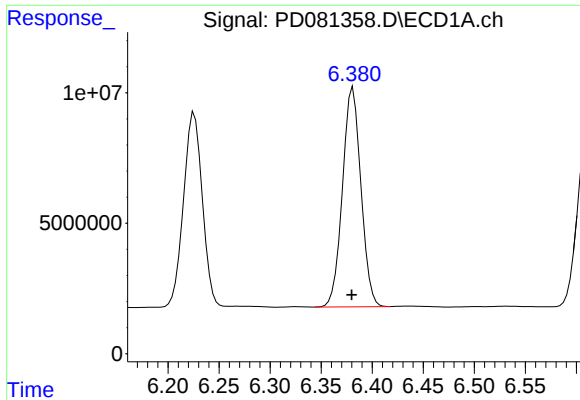
#12 4,4'-DDE

R.T.: 6.226 min  
Delta R.T.: 0.002 min  
Response: 95893397  
Conc: 47.12 ng/ml



#12 4,4'-DDE

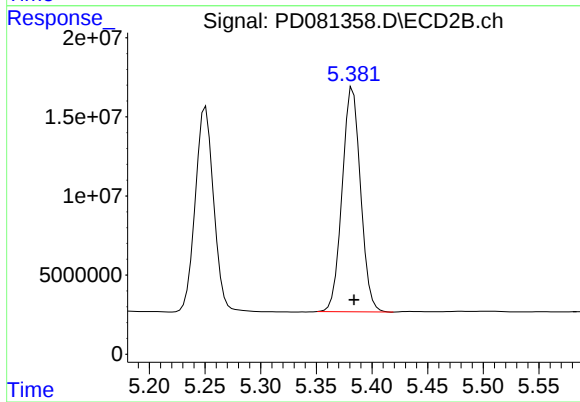
R.T.: 5.251 min  
Delta R.T.: -0.001 min  
Response: 149041086  
Conc: 48.65 ng/ml



#13 Dieldrin

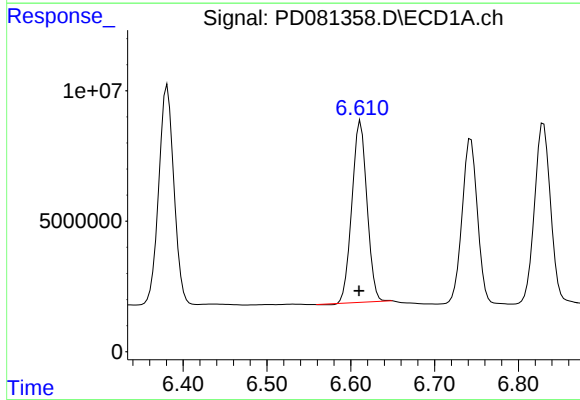
R.T.: 6.381 min  
Delta R.T.: 0.001 min  
Response: 105694525  
Conc: 47.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2MS



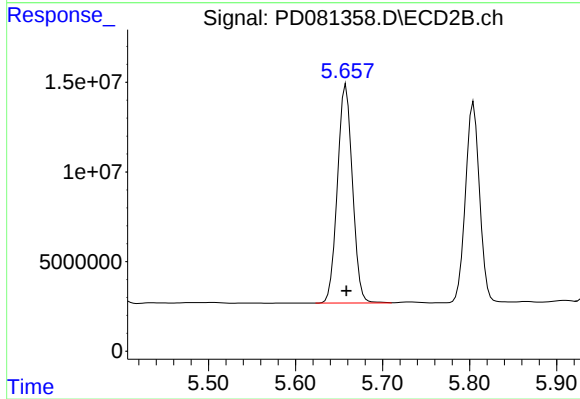
#13 Dieldrin

R.T.: 5.383 min  
Delta R.T.: -0.001 min  
Response: 163170762  
Conc: 47.98 ng/ml



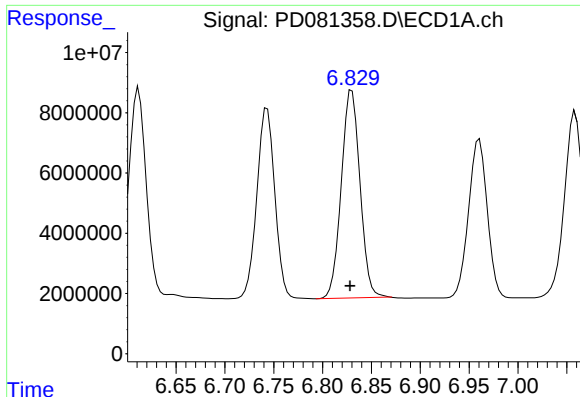
#14 Endrin

R.T.: 6.612 min  
Delta R.T.: 0.002 min  
Response: 87012665  
Conc: 46.59 ng/ml



#14 Endrin

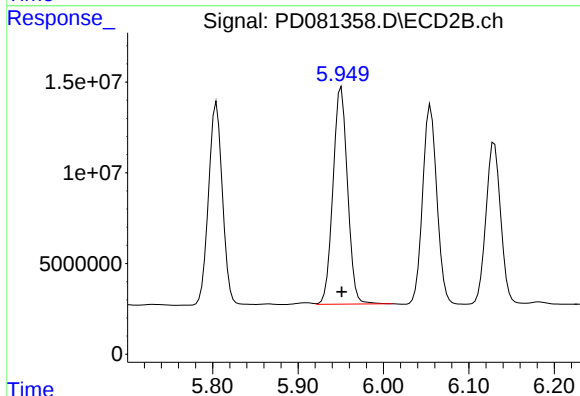
R.T.: 5.658 min  
Delta R.T.: 0.000 min  
Response: 146311576  
Conc: 49.37 ng/ml



#15 Endosulfan II

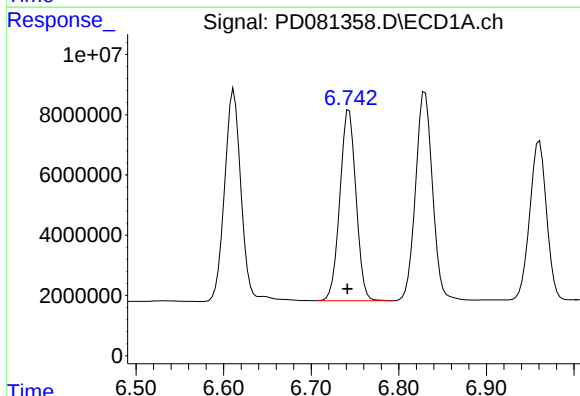
R.T.: 6.830 min  
Delta R.T.: 0.002 min  
Response: 92099288  
Conc: 47.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2MS



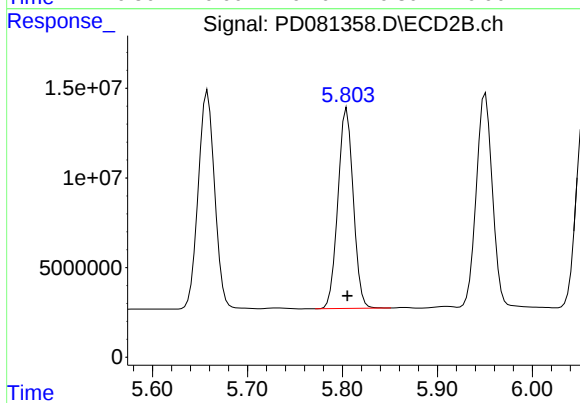
#15 Endosulfan II

R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 141709956  
Conc: 49.27 ng/ml



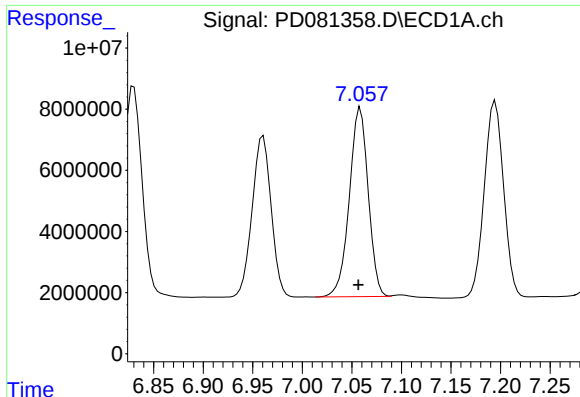
#16 4,4'-DDD

R.T.: 6.743 min  
Delta R.T.: 0.002 min  
Response: 81012457  
Conc: 49.30 ng/ml



#16 4,4'-DDD

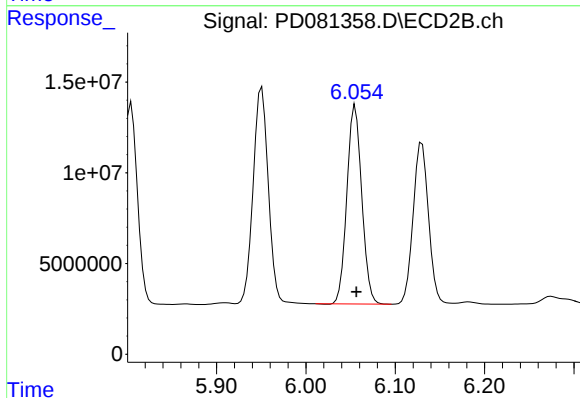
R.T.: 5.805 min  
Delta R.T.: 0.000 min  
Response: 125515886  
Conc: 47.81 ng/ml



#17 4,4'-DDT

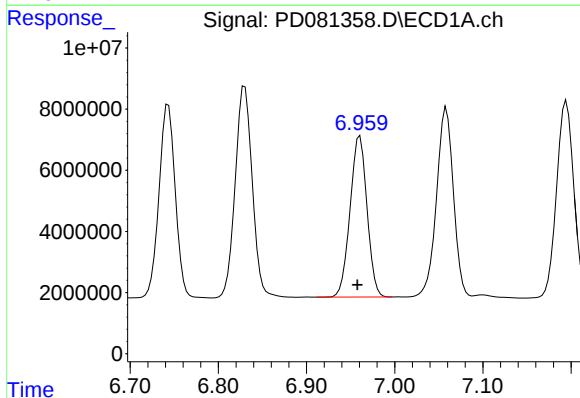
R.T.: 7.059 min  
Delta R.T.: 0.002 min  
Response: 81974476  
Conc: 46.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2MS



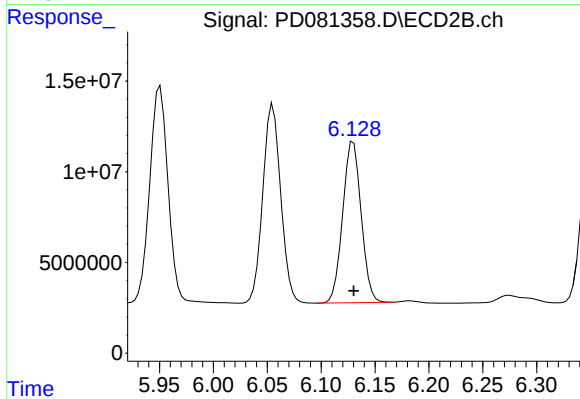
#17 4,4'-DDT

R.T.: 6.055 min  
Delta R.T.: -0.001 min  
Response: 126564103  
Conc: 47.70 ng/ml



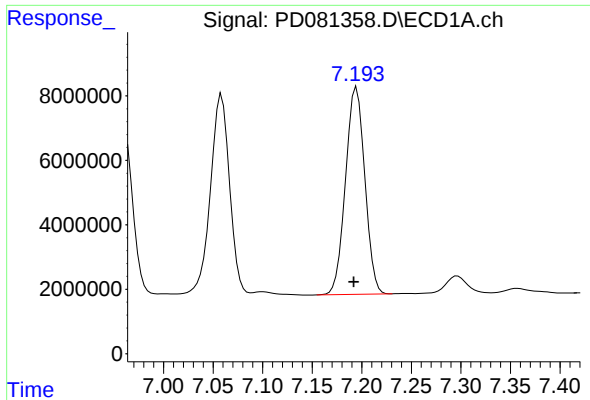
#18 Endrin aldehyde

R.T.: 6.961 min  
Delta R.T.: 0.003 min  
Response: 70346998  
Conc: 46.25 ng/ml



#18 Endrin aldehyde

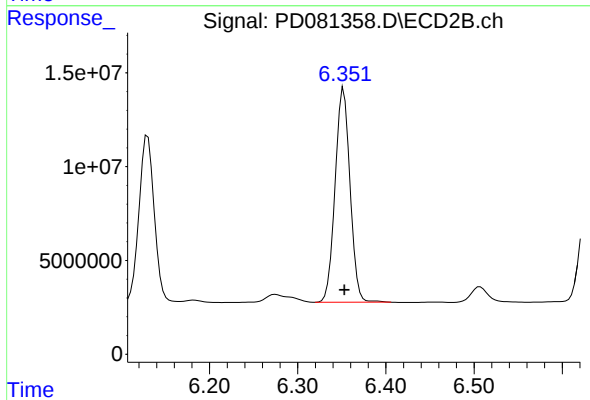
R.T.: 6.130 min  
Delta R.T.: 0.000 min  
Response: 105883813  
Conc: 46.96 ng/ml



#19 Endosulfan Sulfate

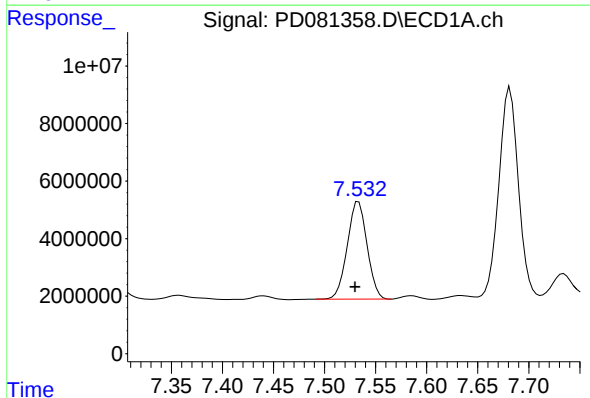
R.T.: 7.195 min  
Delta R.T.: 0.003 min  
Response: 87233196  
Conc: 45.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2MS



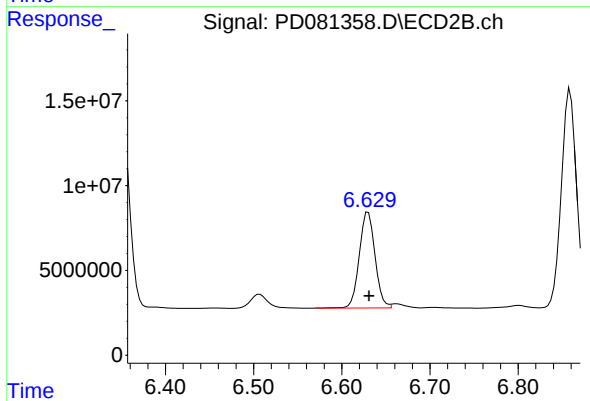
#19 Endosulfan Sulfate

R.T.: 6.352 min  
Delta R.T.: 0.000 min  
Response: 134435579  
Conc: 48.20 ng/ml



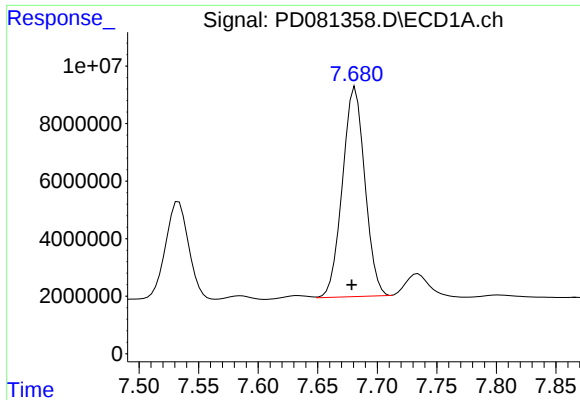
#20 Methoxychlor

R.T.: 7.533 min  
Delta R.T.: 0.003 min  
Response: 45683795  
Conc: 44.38 ng/ml



#20 Methoxychlor

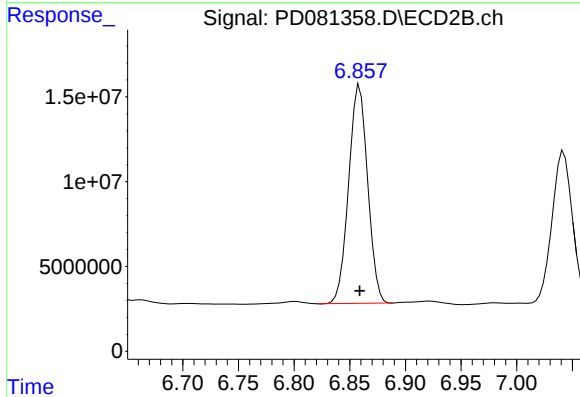
R.T.: 6.630 min  
Delta R.T.: 0.000 min  
Response: 70252240  
Conc: 44.88 ng/ml



#21 Endrin ketone

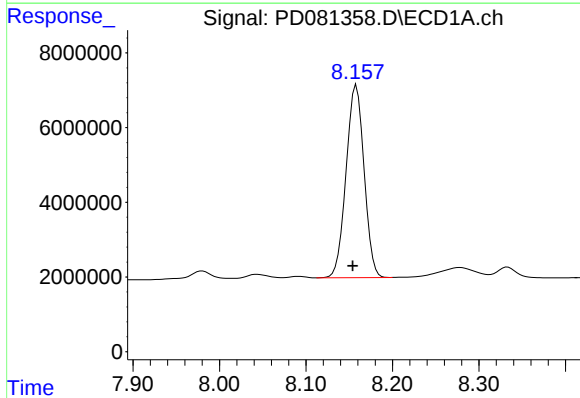
R.T.: 7.682 min  
Delta R.T.: 0.003 min  
Response: 95337382  
Conc: 45.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2MS



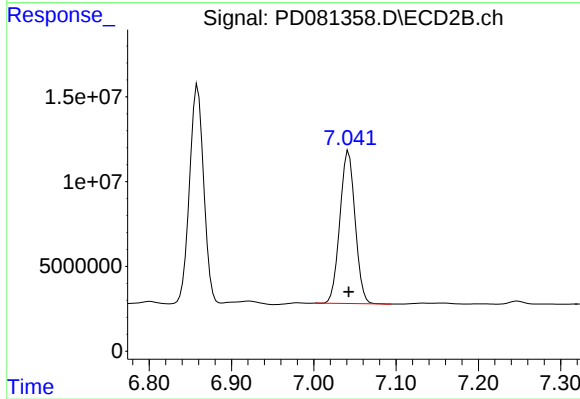
#21 Endrin ketone

R.T.: 6.859 min  
Delta R.T.: 0.000 min  
Response: 153101987  
Conc: 47.44 ng/ml



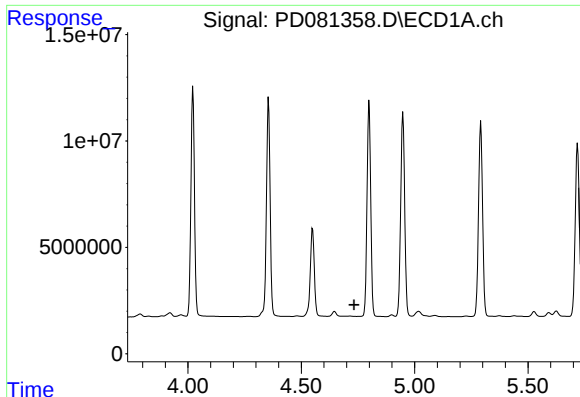
#22 Mirex

R.T.: 8.158 min  
Delta R.T.: 0.004 min  
Response: 74222394  
Conc: 45.00 ng/ml



#22 Mirex

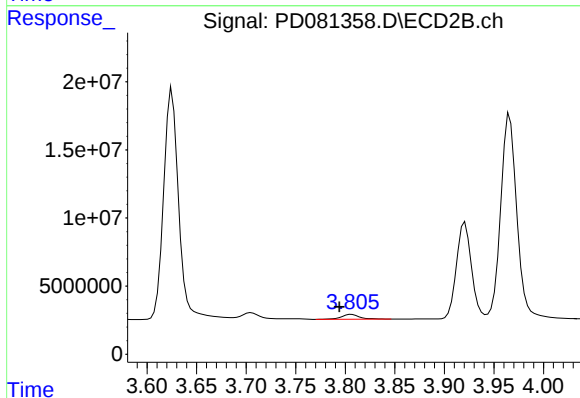
R.T.: 7.042 min  
Delta R.T.: 0.000 min  
Response: 115627050  
Conc: 45.88 ng/ml



#23 Chlordane-1

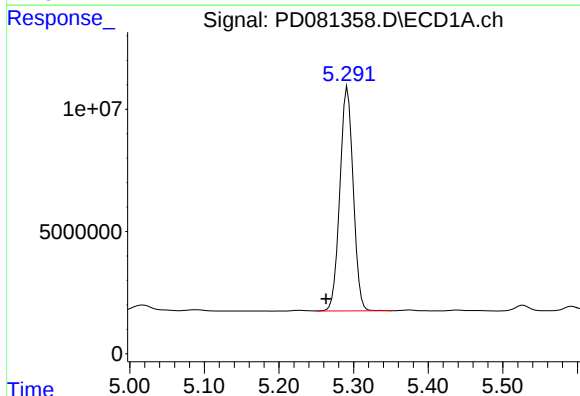
R.T.: 0.000 min  
Exp R.T.: 4.733 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2MS



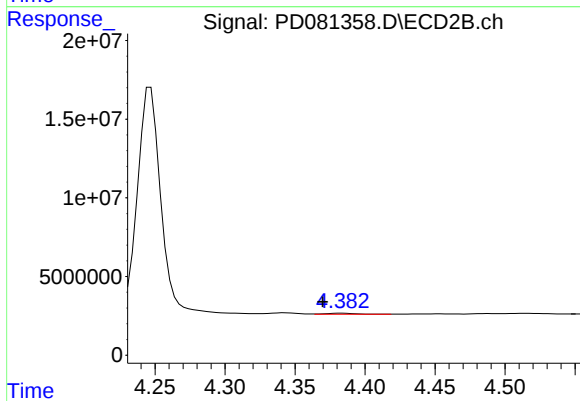
#23 Chlordane-1

R.T.: 3.806 min  
Delta R.T.: 0.012 min  
Response: 4552240  
Conc: 44.76 ng/ml



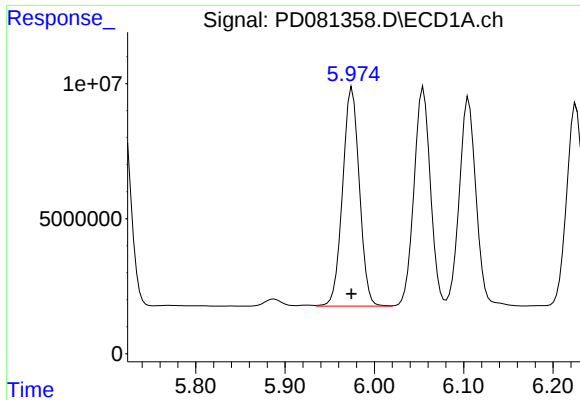
#24 Chlordane-2

R.T.: 5.292 min  
Delta R.T.: 0.029 min  
Response: 113484830  
Conc: 1370.89 ng/ml



#24 Chlordane-2

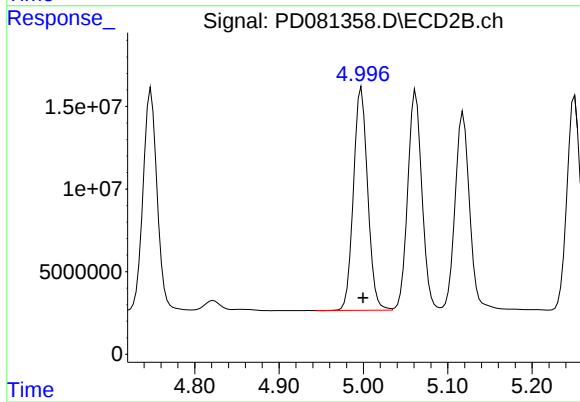
R.T.: 4.384 min  
Delta R.T.: 0.014 min  
Response: 1121028  
Conc: 9.15 ng/ml



#25 Chlordane-3

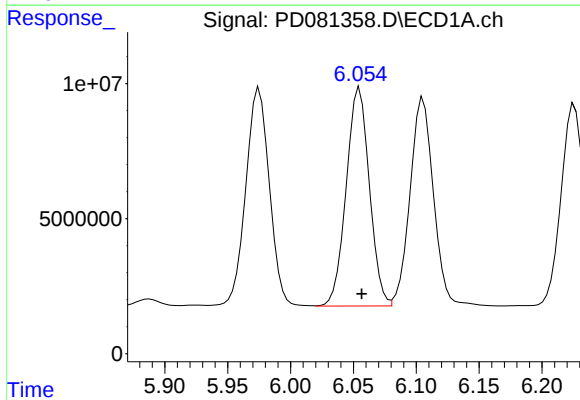
R.T.: 5.975 min  
Delta R.T.: 0.000 min  
Response: 105488818  
Conc: 334.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2MS



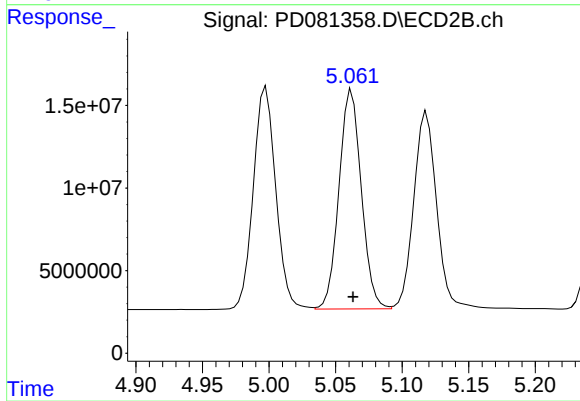
#25 Chlordane-3

R.T.: 4.998 min  
Delta R.T.: -0.002 min  
Response: 158069150  
Conc: 470.98 ng/ml



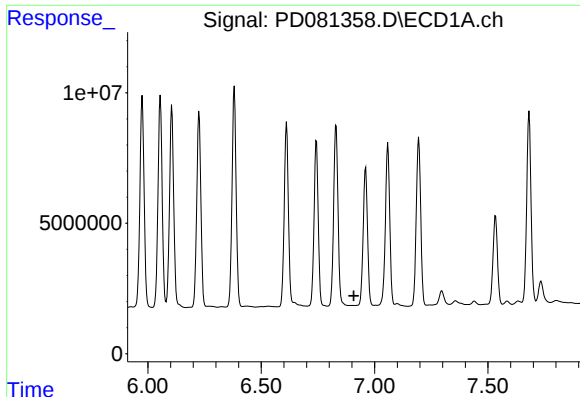
#26 Chlordane-4

R.T.: 6.055 min  
Delta R.T.: -0.002 min  
Response: 103595178  
Conc: 272.09 ng/ml



#26 Chlordane-4

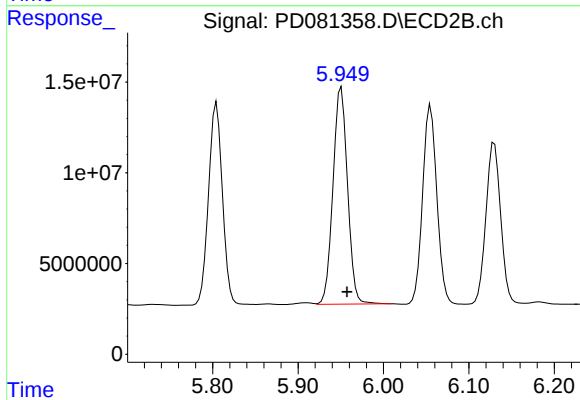
R.T.: 5.062 min  
Delta R.T.: 0.000 min  
Response: 155069874  
Conc: 488.11 ng/ml



#27 Chlordane-5

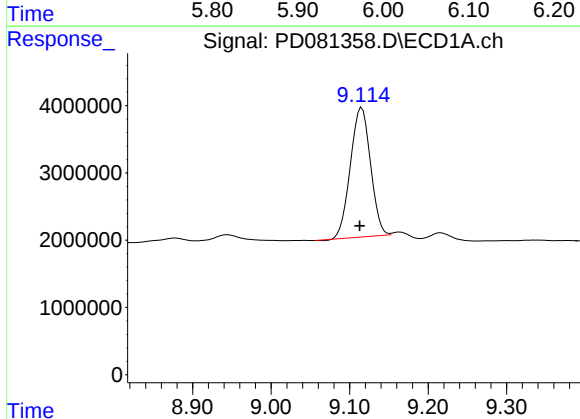
R.T.: 0.000 min  
Exp R.T.: 6.908 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2MS



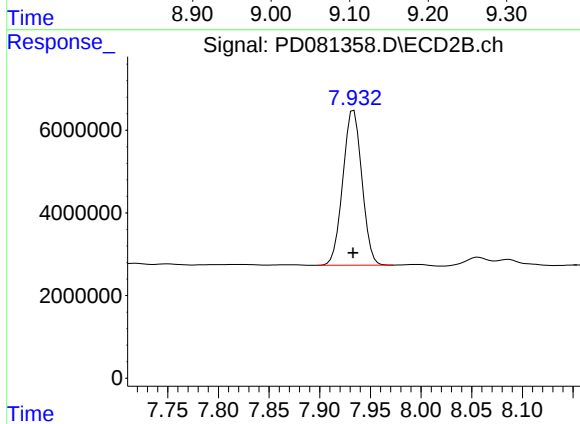
#27 Chlordane-5

R.T.: 5.951 min  
Delta R.T.: -0.007 min  
Response: 141709956  
Conc: 1168.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min  
Delta R.T.: 0.002 min  
Response: 34206222  
Conc: 17.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.934 min  
Delta R.T.: 0.000 min  
Response: 48990593  
Conc: 18.39 ng/ml