

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100423\  
 Data File : PD078626.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2023 19:16  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 03 21:35:01 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100323.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 03 01:10:04 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... | 3.540  | 2.757 | 147.5E6  | 106.0E6  | 51.089   | 51.922     |
| 28)                         | SA Decachlor... | 9.080  | 7.894 | 185.9E6  | 113.8E6  | 50.131   | 50.161     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.997  | 3.258 | 253.0E6  | 160.1E6  | 52.089   | 53.425     |
| 3)                          | MA gamma-BHC... | 4.330  | 3.588 | 243.9E6  | 155.0E6  | 52.140   | 53.514     |
| 4)                          | MA Heptachlor   | 4.920  | 3.926 | 239.2E6  | 151.4E6  | 50.869   | 51.320     |
| 5)                          | MB Aldrin       | 5.263  | 4.206 | 248.9E6  | 157.1E6  | 51.515   | 52.943     |
| 6)                          | B beta-BHC      | 4.528  | 3.885 | 93762732 | 60822039 | 50.483   | 52.626     |
| 7)                          | B delta-BHC     | 4.776  | 4.114 | 241.8E6  | 155.5E6  | 53.694   | 54.358     |
| 8)                          | B Heptachlo...  | 5.691  | 4.708 | 214.3E6  | 139.8E6  | 51.019   | 51.728     |
| 9)                          | A Endosulfan I  | 6.078  | 5.078 | 198.4E6  | 126.3E6  | 50.789   | 50.238     |
| 10)                         | B gamma-Chl...  | 5.948  | 4.958 | 217.4E6  | 139.9E6  | 51.783   | 52.055     |
| 11)                         | B alpha-Chl...  | 6.027  | 5.023 | 214.7E6  | 138.7E6  | 50.951   | 51.646     |
| 12)                         | B 4,4'-DDE      | 6.200  | 5.210 | 203.9E6  | 136.4E6  | 50.943   | 53.602     |
| 13)                         | MA Dieldrin     | 6.354  | 5.343 | 213.3E6  | 144.2E6  | 50.838   | 51.656     |
| 14)                         | MA Endrin       | 6.584  | 5.618 | 169.5E6  | 127.5E6  | 50.486   | 51.534     |
| 15)                         | B Endosulfa...  | 6.805  | 5.913 | 178.9E6  | 122.6E6  | 49.691   | 51.491     |
| 16)                         | A 4,4'-DDD      | 6.719  | 5.766 | 158.8E6  | 110.8E6  | 53.383   | 56.005     |
| 17)                         | MA 4,4'-DDT     | 7.033  | 6.016 | 152.1E6  | 107.4E6  | 51.397   | 52.759     |
| 18)                         | B Endrin al...  | 6.935  | 6.092 | 127.4E6  | 94582725 | 47.699   | 51.019     |
| 19)                         | B Endosulfa...  | 7.170  | 6.315 | 162.6E6  | 114.6E6  | 50.623   | 51.657     |
| 20)                         | A Methoxychlor  | 7.510  | 6.592 | 83218859 | 56743324 | 49.864   | 52.009     |
| 21)                         | B Endrin ke...  | 7.657  | 6.822 | 186.9E6  | 138.2E6  | 52.026   | 52.666     |
| 22)                         | Mirex           | 8.131  | 7.002 | 136.3E6  | 102.0E6  | 51.032   | 50.071     |
| 24)                         | Chlordane-2     | 5.263f | 4.343 | 248.9E6  | 3218277  | 1745.187 | 41.558 #   |
| 25)                         | Chlordane-3     | 5.948  | 4.958 | 217.4E6  | 139.9E6  | 371.679  | 542.944 #  |
| 26)                         | Chlordane-4     | 6.027  | 5.023 | 214.7E6  | 138.7E6  | 303.417  | 552.208 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.913 | 0        | 122.6E6  | N.D.     | 1426.464 # |
| -----                       |                 |        |       |          |          |          |            |

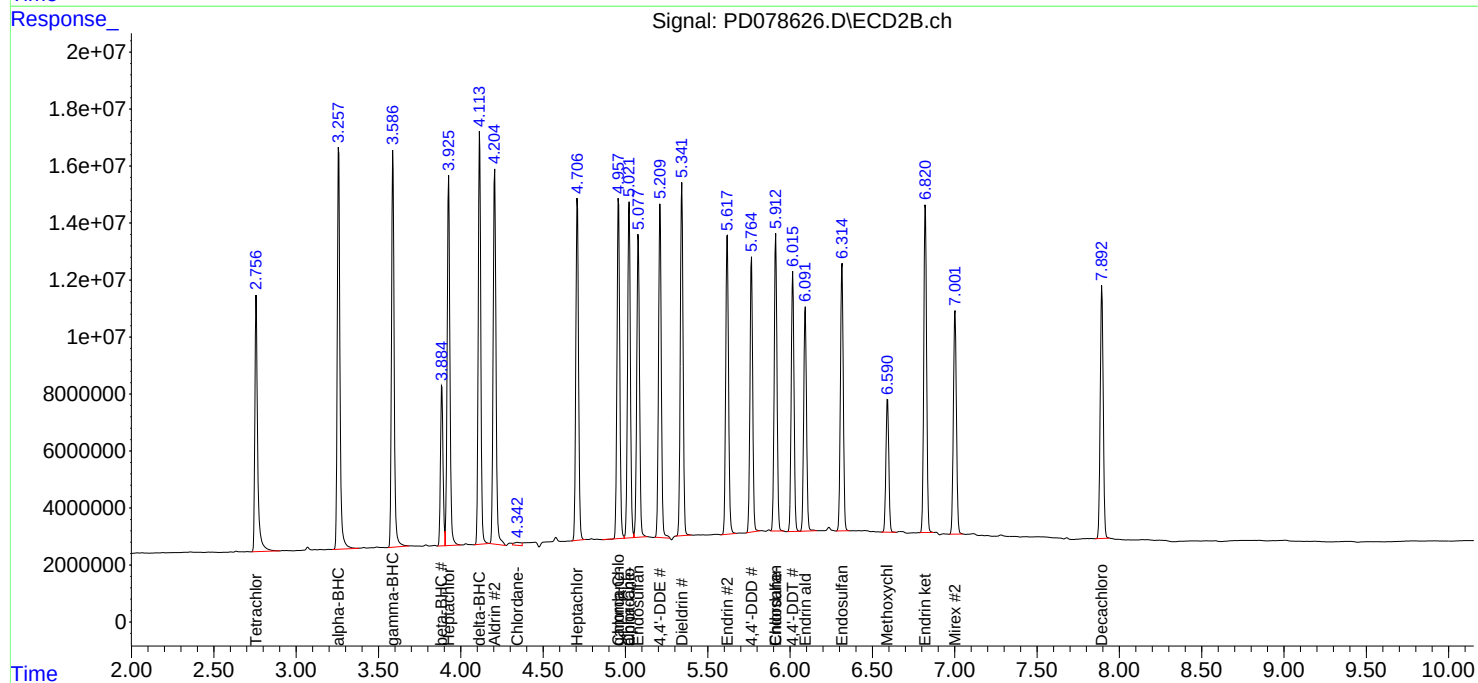
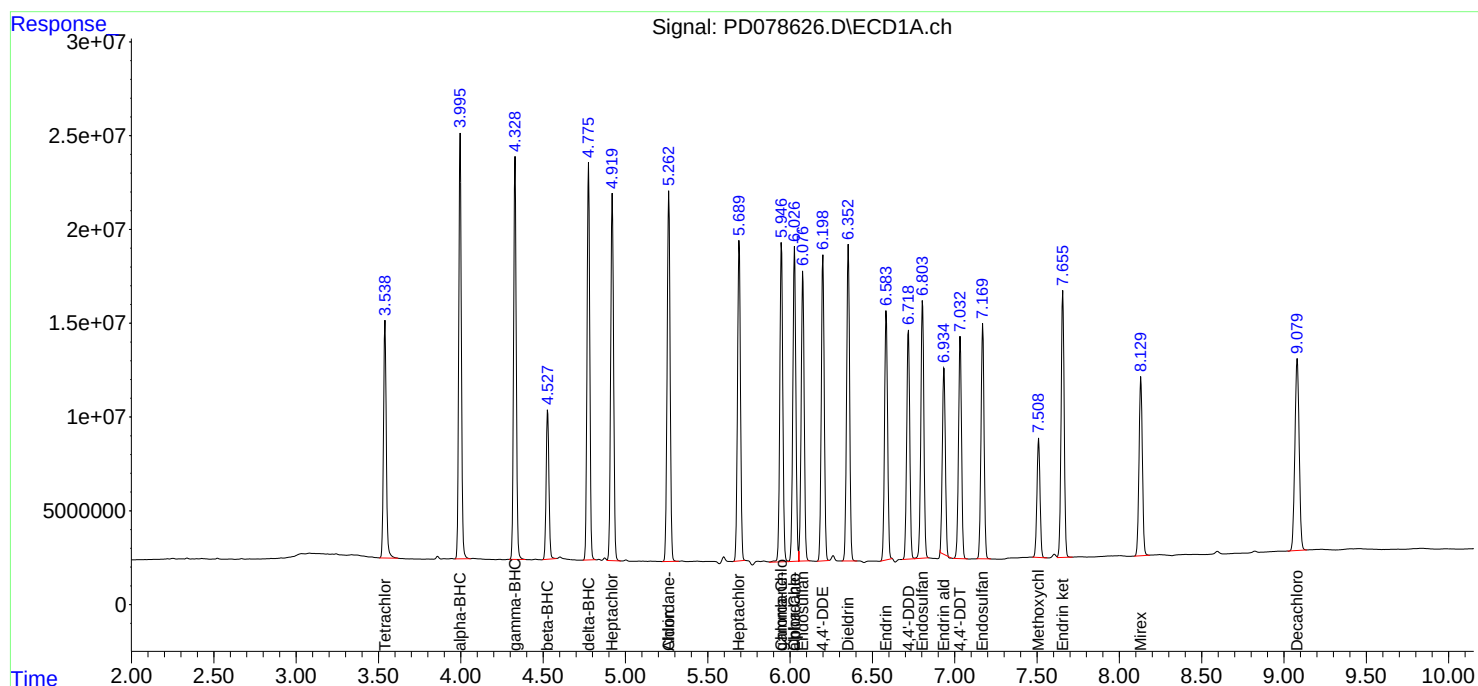
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

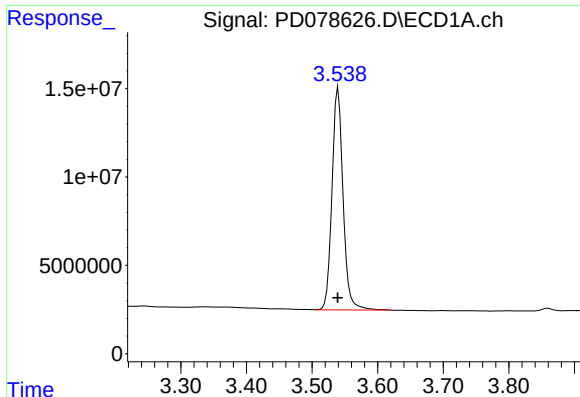
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100423\  
Data File : PD078626.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Oct 2023 19:16  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 03 21:35:01 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100323.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 03 01:10:04 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

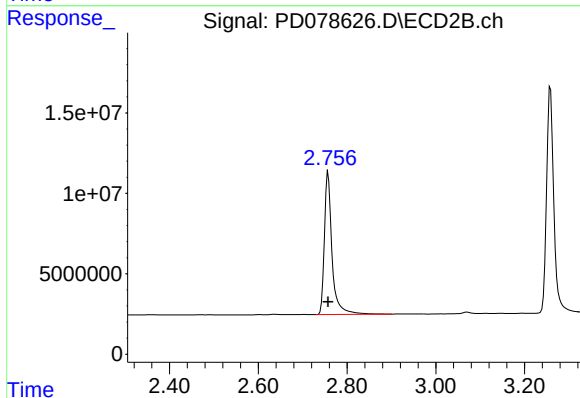




#1 Tetrachloro-m-xylene

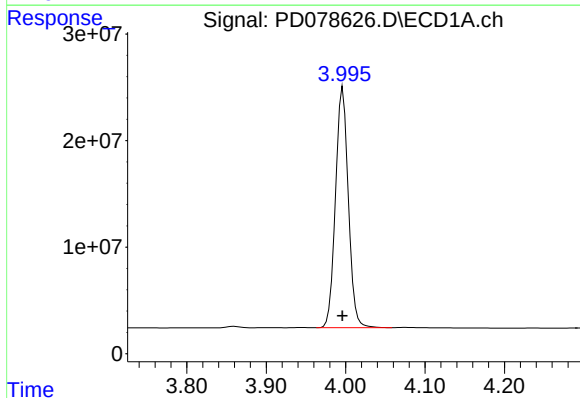
R.T.: 3.540 min  
Delta R.T.: 0.000 min  
Response: 147482418  
Conc: 51.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



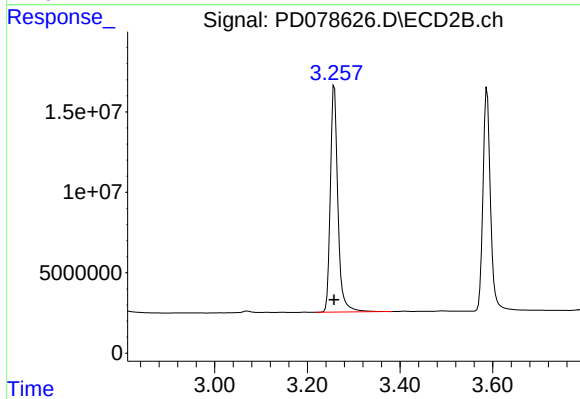
#1 Tetrachloro-m-xylene

R.T.: 2.757 min  
Delta R.T.: 0.000 min  
Response: 106044161  
Conc: 51.92 ng/ml



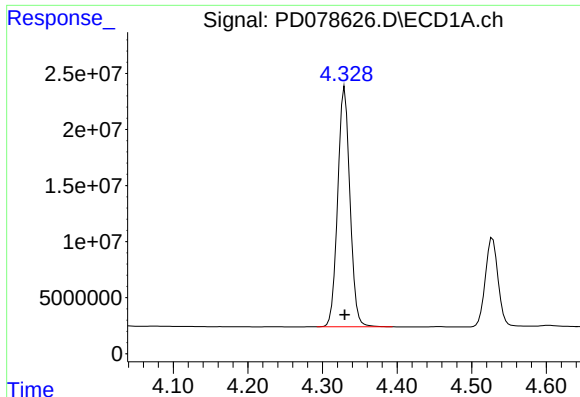
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.000 min  
Response: 252961291  
Conc: 52.09 ng/ml



#2 alpha-BHC

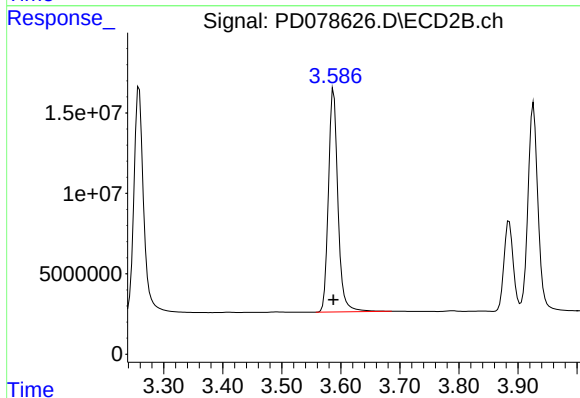
R.T.: 3.258 min  
Delta R.T.: 0.000 min  
Response: 160143754  
Conc: 53.43 ng/ml



#3 gamma-BHC (Lindane)

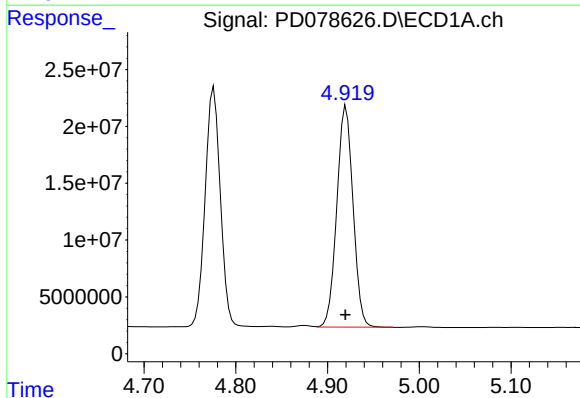
R.T.: 4.330 min  
Delta R.T.: 0.000 min  
Response: 243914424  
Conc: 52.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



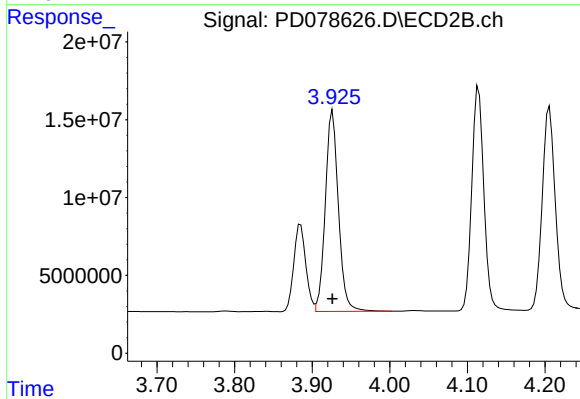
#3 gamma-BHC (Lindane)

R.T.: 3.588 min  
Delta R.T.: 0.000 min  
Response: 155039527  
Conc: 53.51 ng/ml



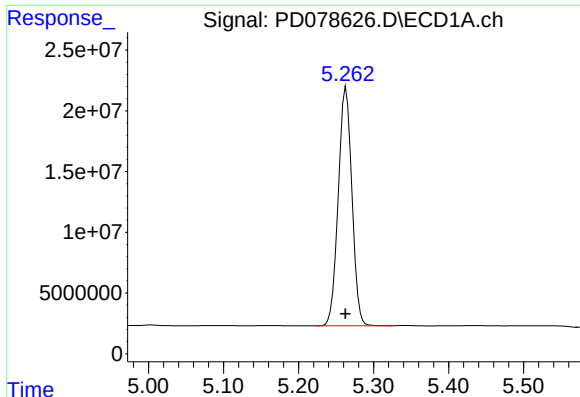
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 239156994  
Conc: 50.87 ng/ml



#4 Heptachlor

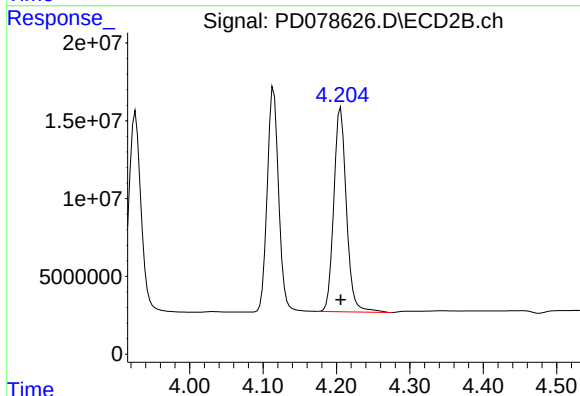
R.T.: 3.926 min  
Delta R.T.: 0.000 min  
Response: 151418629  
Conc: 51.32 ng/ml



#5 Aldrin

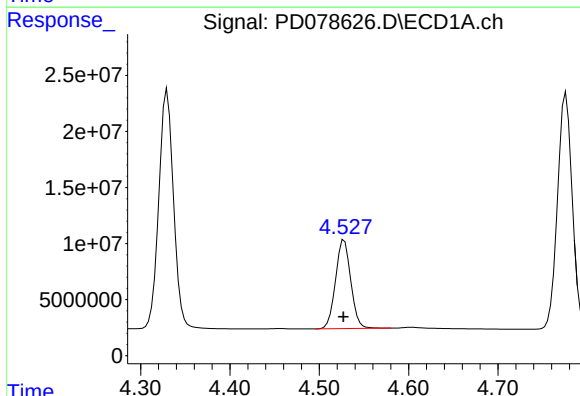
R.T.: 5.263 min  
Delta R.T.: 0.000 min  
Response: 248871887  
Conc: 51.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



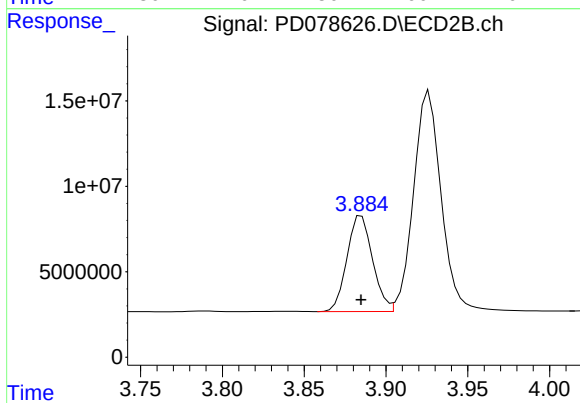
#5 Aldrin

R.T.: 4.206 min  
Delta R.T.: 0.000 min  
Response: 157076821  
Conc: 52.94 ng/ml



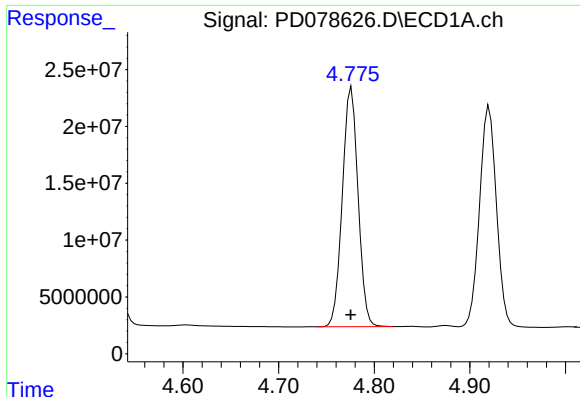
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 93762732  
Conc: 50.48 ng/ml



#6 beta-BHC

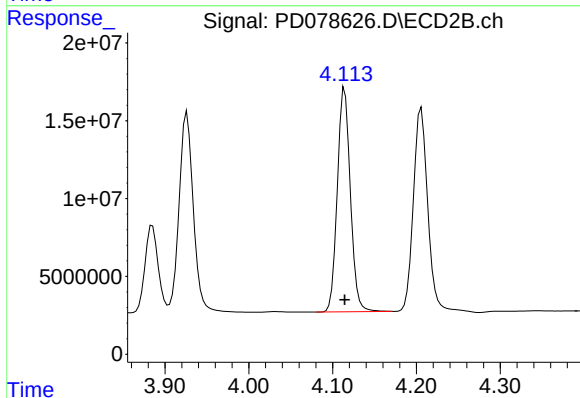
R.T.: 3.885 min  
Delta R.T.: 0.000 min  
Response: 60822039  
Conc: 52.63 ng/ml



#7 delta-BHC

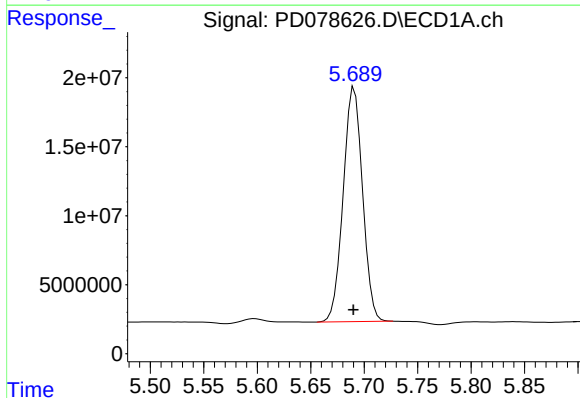
R.T.: 4.776 min  
Delta R.T.: 0.000 min  
Response: 241844413  
Conc: 53.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



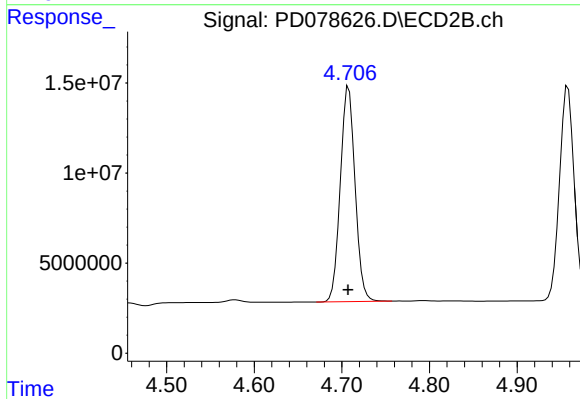
#7 delta-BHC

R.T.: 4.114 min  
Delta R.T.: 0.000 min  
Response: 155530124  
Conc: 54.36 ng/ml



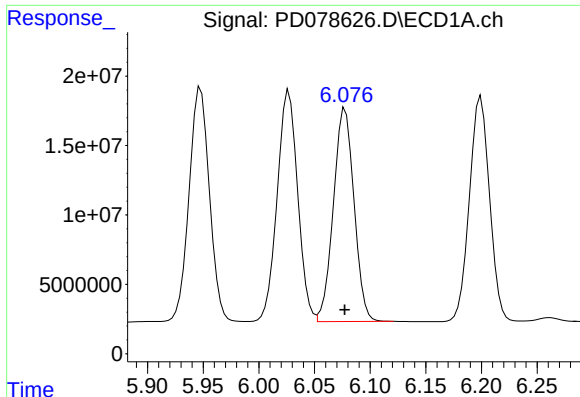
#8 Heptachlor epoxide

R.T.: 5.691 min  
Delta R.T.: 0.000 min  
Response: 214283749  
Conc: 51.02 ng/ml



#8 Heptachlor epoxide

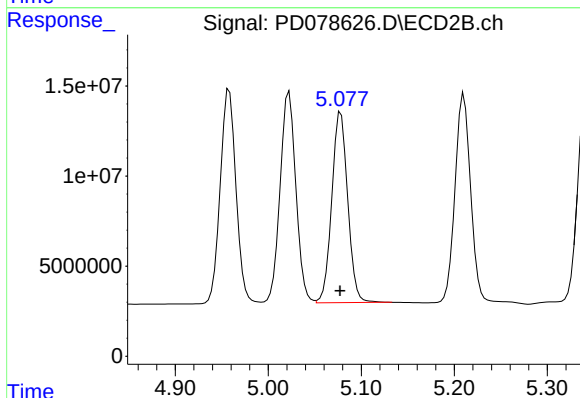
R.T.: 4.708 min  
Delta R.T.: 0.000 min  
Response: 139806865  
Conc: 51.73 ng/ml



#9 Endosulfan I

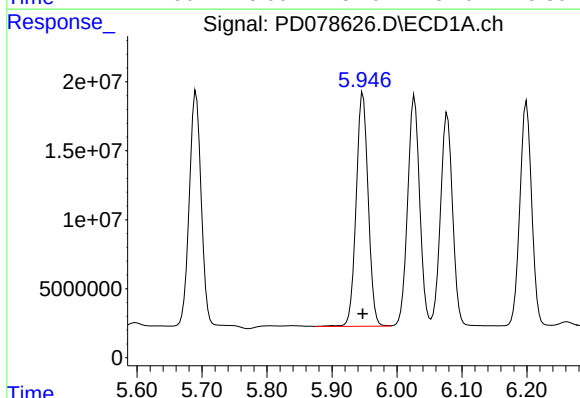
R.T.: 6.078 min  
Delta R.T.: 0.000 min  
Response: 198422914  
Conc: 50.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



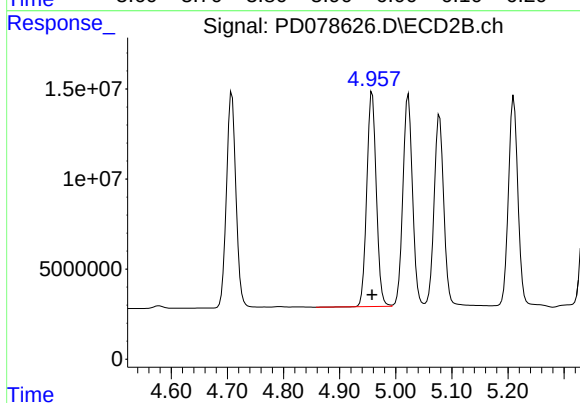
#9 Endosulfan I

R.T.: 5.078 min  
Delta R.T.: 0.000 min  
Response: 126331881  
Conc: 50.24 ng/ml



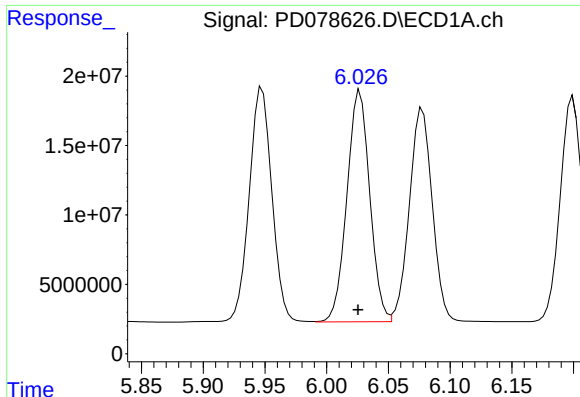
#10 gamma-Chlordane

R.T.: 5.948 min  
Delta R.T.: 0.000 min  
Response: 217443012  
Conc: 51.78 ng/ml



#10 gamma-Chlordane

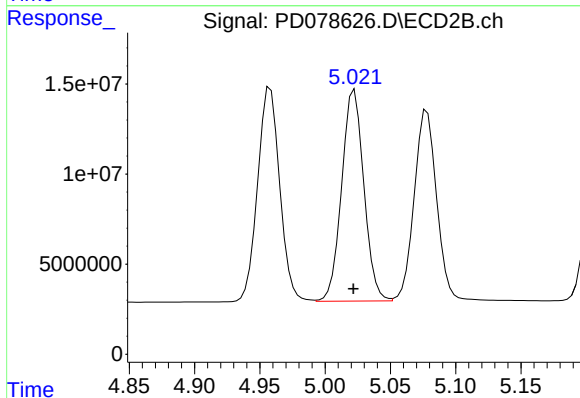
R.T.: 4.958 min  
Delta R.T.: 0.000 min  
Response: 139891303  
Conc: 52.06 ng/ml



#11 alpha-Chlordane

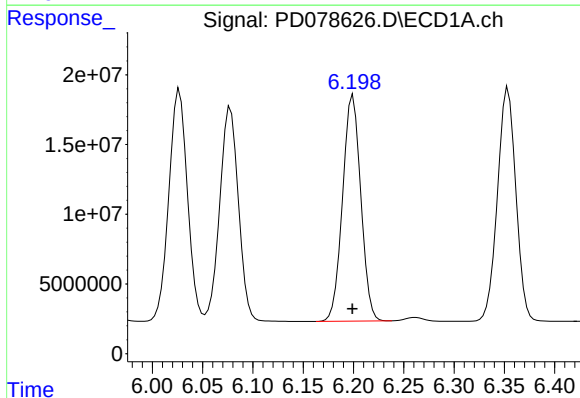
R.T.: 6.027 min  
Delta R.T.: 0.001 min  
Response: 214666336  
Conc: 50.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



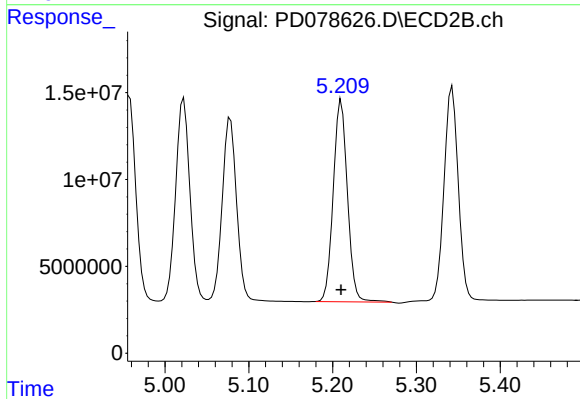
#11 alpha-Chlordane

R.T.: 5.023 min  
Delta R.T.: 0.000 min  
Response: 138679087  
Conc: 51.65 ng/ml



#12 4,4'-DDE

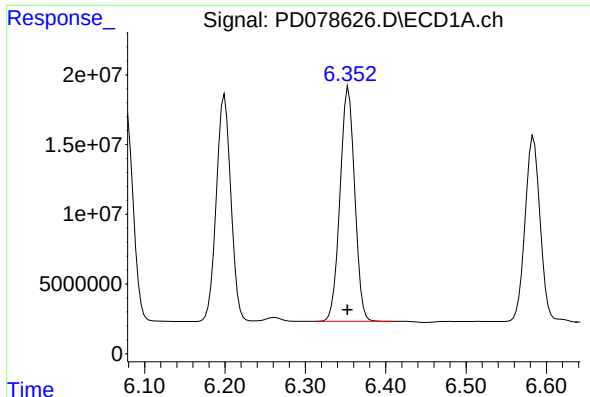
R.T.: 6.200 min  
Delta R.T.: 0.000 min  
Response: 203901951  
Conc: 50.94 ng/ml



#12 4,4'-DDE

R.T.: 5.210 min  
Delta R.T.: 0.000 min  
Response: 136382744  
Conc: 53.60 ng/ml

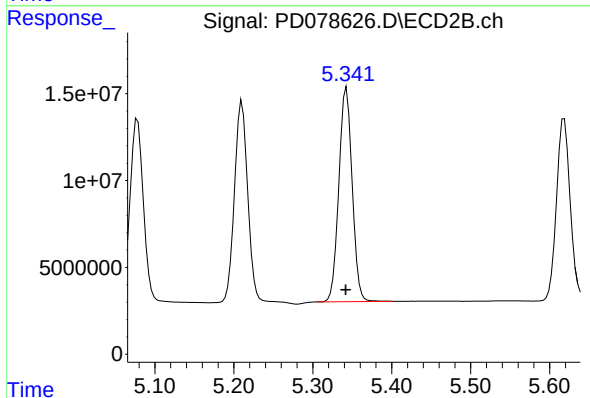




#13 Dieldrin

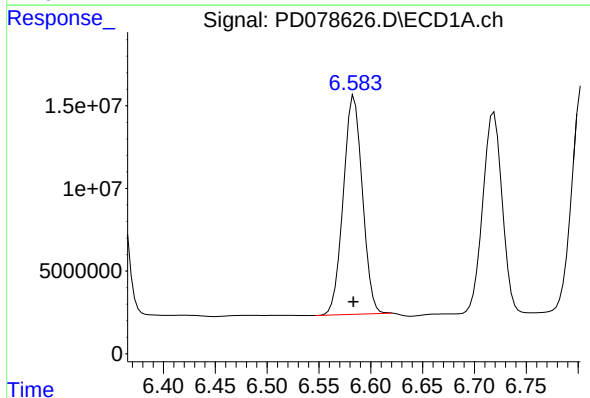
R.T.: 6.354 min  
Delta R.T.: 0.001 min  
Response: 213279886  
Conc: 50.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



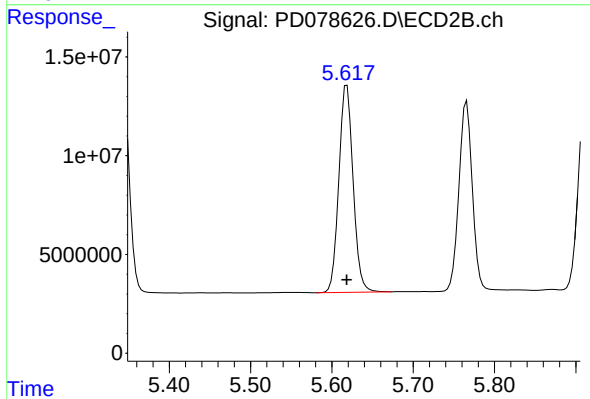
#13 Dieldrin

R.T.: 5.343 min  
Delta R.T.: 0.000 min  
Response: 144205357  
Conc: 51.66 ng/ml



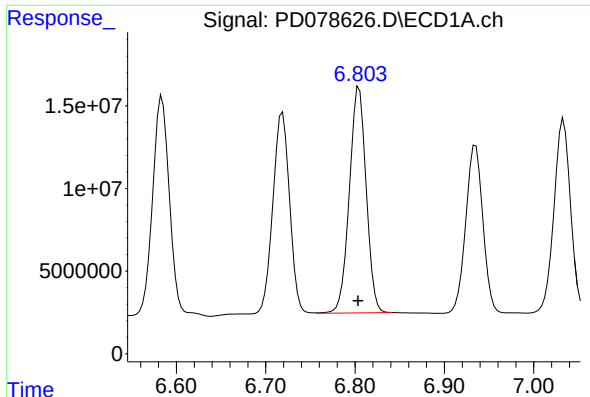
#14 Endrin

R.T.: 6.584 min  
Delta R.T.: 0.000 min  
Response: 169549946  
Conc: 50.49 ng/ml



#14 Endrin

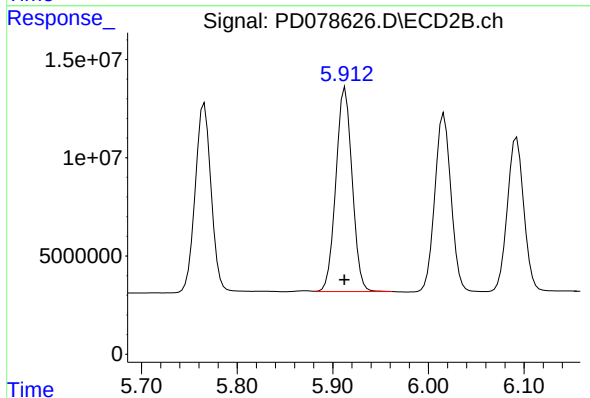
R.T.: 5.618 min  
Delta R.T.: 0.000 min  
Response: 127505280  
Conc: 51.53 ng/ml



#15 Endosulfan II

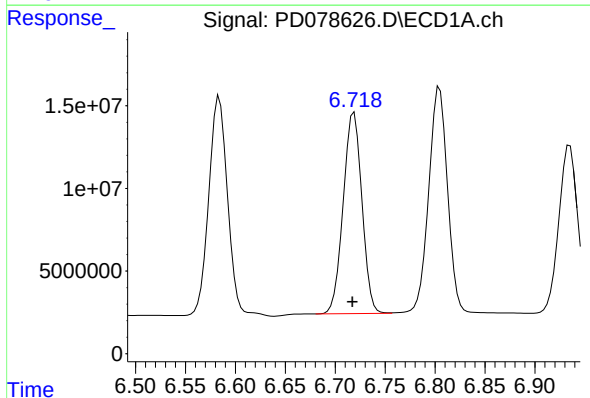
R.T.: 6.805 min  
Delta R.T.: 0.001 min  
Response: 178859469  
Conc: 49.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



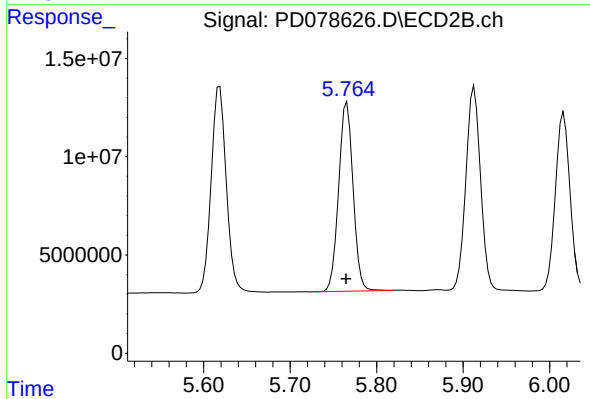
#15 Endosulfan II

R.T.: 5.913 min  
Delta R.T.: 0.000 min  
Response: 122578278  
Conc: 51.49 ng/ml



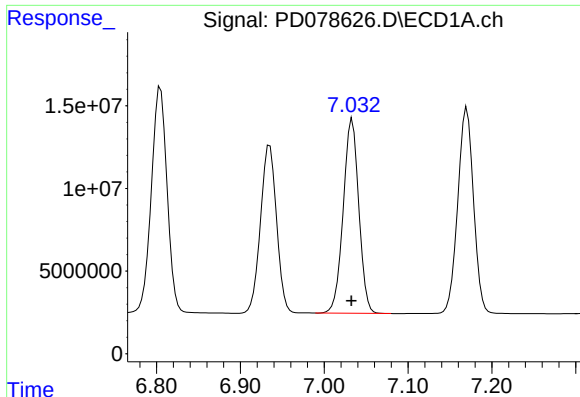
#16 4,4'-DDD

R.T.: 6.719 min  
Delta R.T.: 0.002 min  
Response: 158845720  
Conc: 53.38 ng/ml



#16 4,4'-DDD

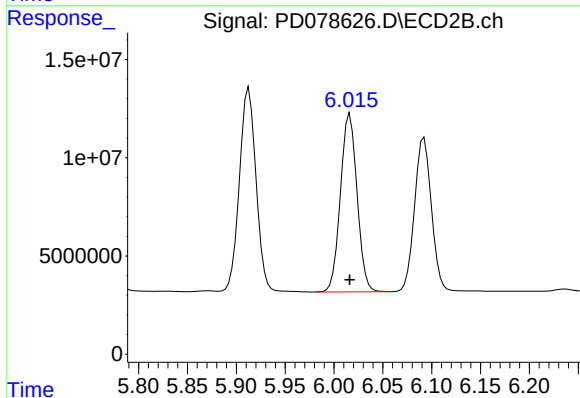
R.T.: 5.766 min  
Delta R.T.: 0.001 min  
Response: 110823112  
Conc: 56.00 ng/ml



#17 4,4'-DDT

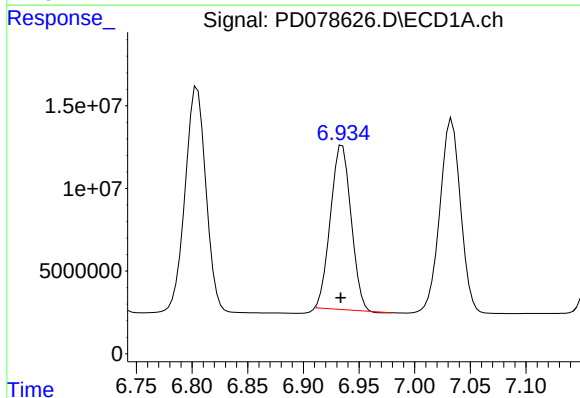
R.T.: 7.033 min  
Delta R.T.: 0.000 min  
Response: 152098005  
Conc: 51.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



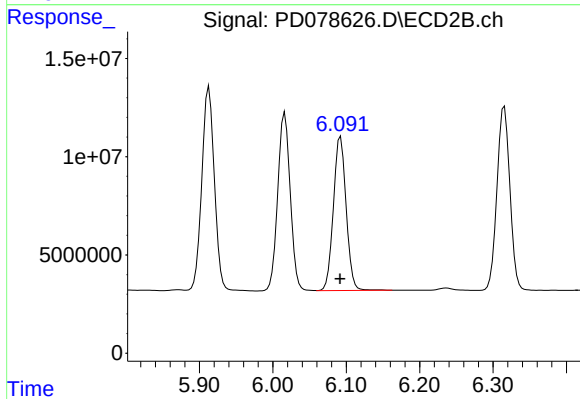
#17 4,4'-DDT

R.T.: 6.016 min  
Delta R.T.: 0.000 min  
Response: 107391099  
Conc: 52.76 ng/ml



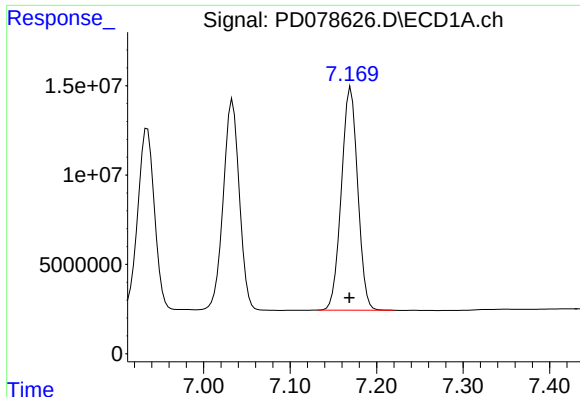
#18 Endrin aldehyde

R.T.: 6.935 min  
Delta R.T.: 0.001 min  
Response: 127431345  
Conc: 47.70 ng/ml



#18 Endrin aldehyde

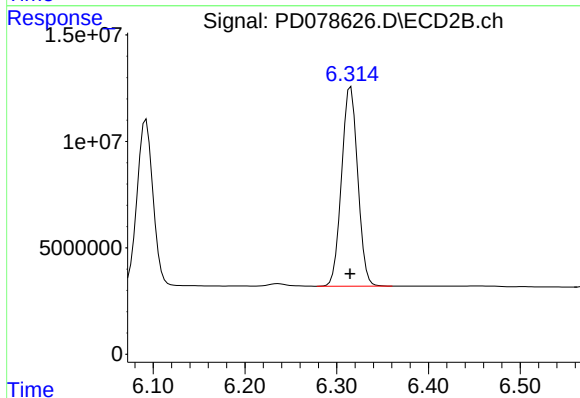
R.T.: 6.092 min  
Delta R.T.: 0.000 min  
Response: 94582725  
Conc: 51.02 ng/ml



#19 Endosulfan Sulfate

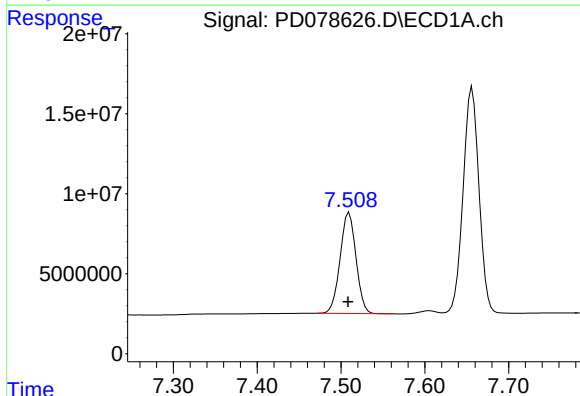
R.T.: 7.170 min  
Delta R.T.: 0.002 min  
Response: 162649294  
Conc: 50.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



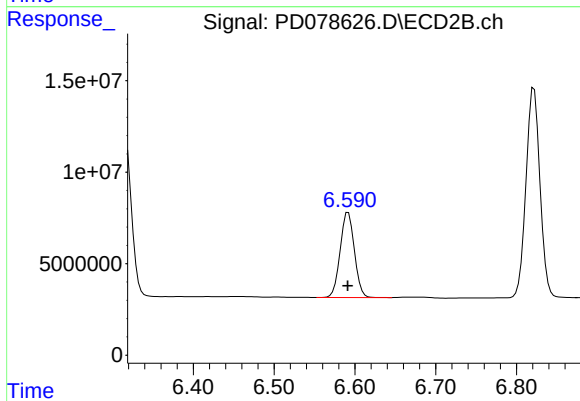
#19 Endosulfan Sulfate

R.T.: 6.315 min  
Delta R.T.: 0.000 min  
Response: 114604782  
Conc: 51.66 ng/ml



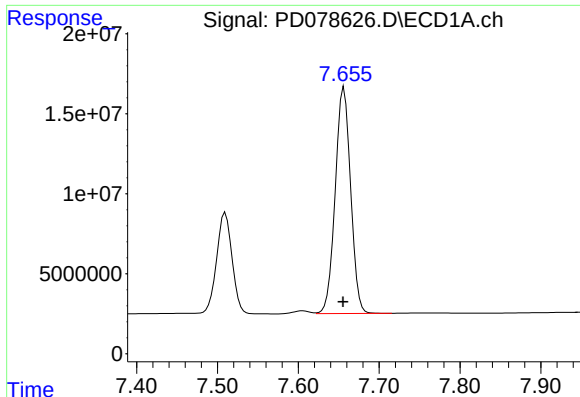
#20 Methoxychlor

R.T.: 7.510 min  
Delta R.T.: 0.001 min  
Response: 83218859  
Conc: 49.86 ng/ml



#20 Methoxychlor

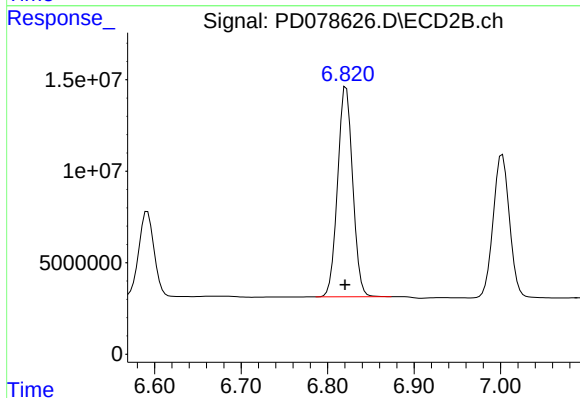
R.T.: 6.592 min  
Delta R.T.: 0.000 min  
Response: 56743324  
Conc: 52.01 ng/ml



#21 Endrin ketone

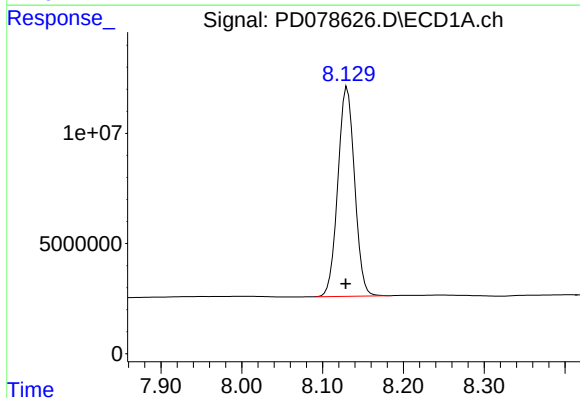
R.T.: 7.657 min  
Delta R.T.: 0.001 min  
Response: 186922969  
Conc: 52.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



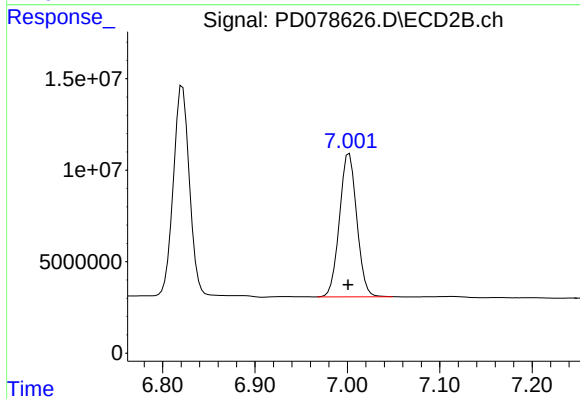
#21 Endrin ketone

R.T.: 6.822 min  
Delta R.T.: 0.001 min  
Response: 138226364  
Conc: 52.67 ng/ml



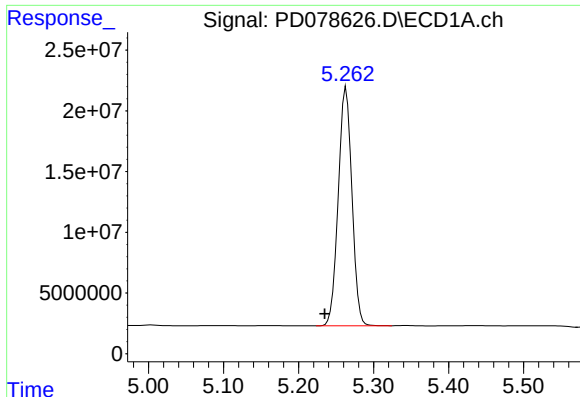
#22 Mirex

R.T.: 8.131 min  
Delta R.T.: 0.002 min  
Response: 136304799  
Conc: 51.03 ng/ml



#22 Mirex

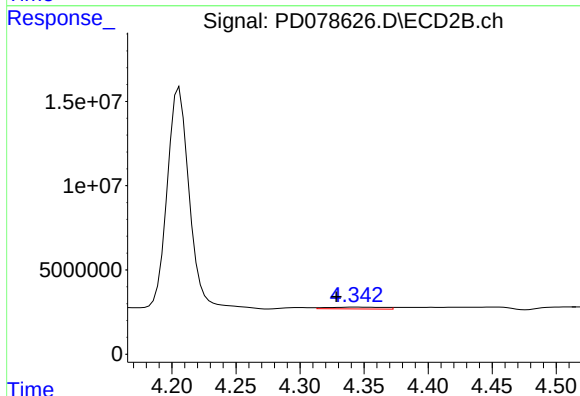
R.T.: 7.002 min  
Delta R.T.: 0.001 min  
Response: 102034840  
Conc: 50.07 ng/ml



#24 Chlordane-2

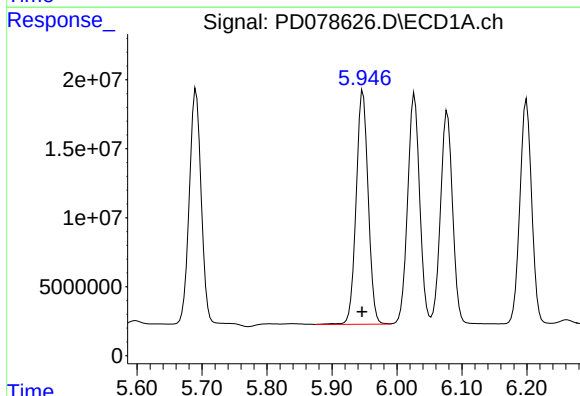
R.T.: 5.263 min  
Delta R.T.: 0.029 min  
Response: 248871887  
Conc: 1745.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



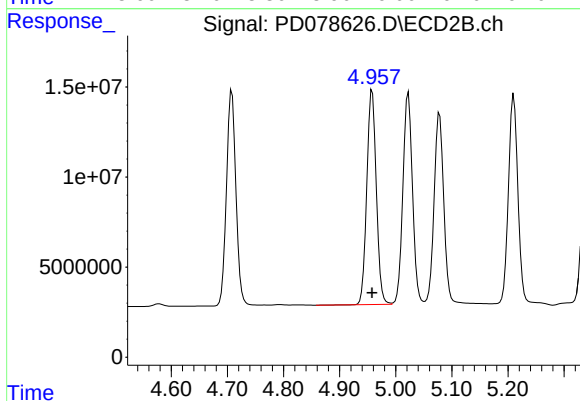
#24 Chlordane-2

R.T.: 4.343 min  
Delta R.T.: 0.015 min  
Response: 3218277  
Conc: 41.56 ng/ml



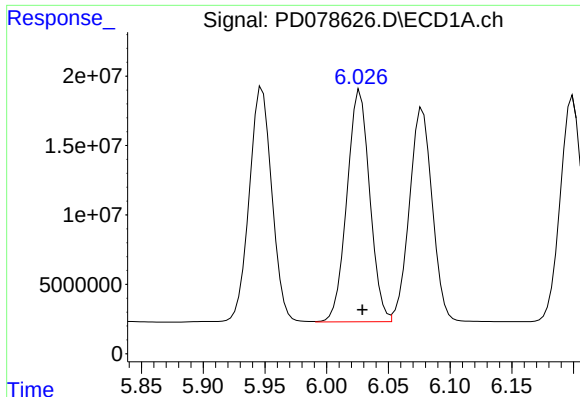
#25 Chlordane-3

R.T.: 5.948 min  
Delta R.T.: 0.001 min  
Response: 217443012  
Conc: 371.68 ng/ml



#25 Chlordane-3

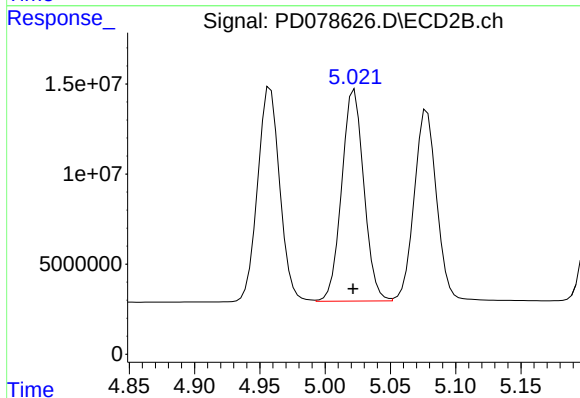
R.T.: 4.958 min  
Delta R.T.: 0.000 min  
Response: 139891303  
Conc: 542.94 ng/ml



#26 Chlordane-4

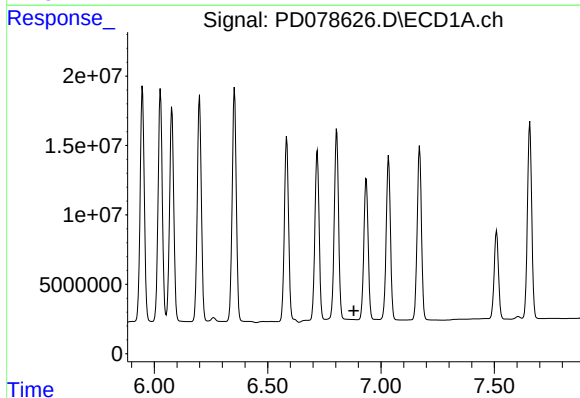
R.T.: 6.027 min  
Delta R.T.: -0.002 min  
Response: 214666336  
Conc: 303.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



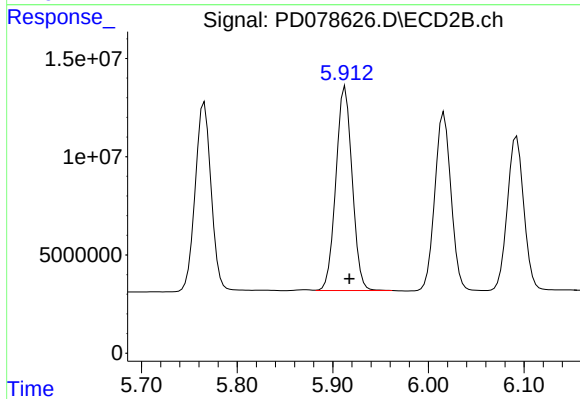
#26 Chlordane-4

R.T.: 5.023 min  
Delta R.T.: 0.001 min  
Response: 138679087  
Conc: 552.21 ng/ml



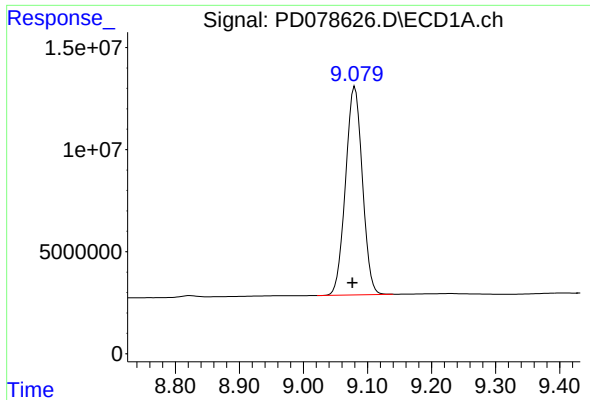
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.881 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

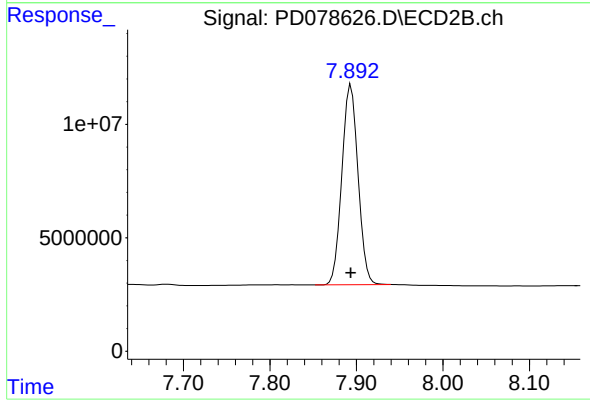
R.T.: 5.913 min  
Delta R.T.: -0.004 min  
Response: 122578278  
Conc: 1426.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.080 min  
Delta R.T.: 0.004 min  
Response: 185913714  
Conc: 50.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.894 min  
Delta R.T.: 0.000 min  
Response: 113821235  
Conc: 50.16 ng/ml