

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042825\  
 Data File : PD088318CC-1.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Apr 2025 18:55  
 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: Apr 29 02:24:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 19 06:32:27 2025  
 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... | 3.550  | 2.882 | 107.9E6  | 736.2E6  | 54.016   | 50.352    |
| 2)                          | SA Decachlor... | 9.072  | 8.075 | 161.3E6  | 779.5E6  | 48.748   | 42.184    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.999  | 3.395 | 245.4E6  | 1167.9E6 | 56.920   | 51.087    |
| 3)                          | MA gamma-BHC... | 4.330  | 3.731 | 234.8E6  | 1078.6E6 | 56.075   | 50.077    |
| 4)                          | MA Heptachlor   | 4.929  | 4.085 | 215.2E6  | 1022.9E6 | 53.269   | 47.802    |
| 5)                          | MB Aldrin       | 5.271  | 4.371 | 222.2E6  | 1059.7E6 | 56.246   | 50.942    |
| 6)                          | B beta-BHC      | 4.514  | 4.027 | 89830300 | 468.7E6  | 55.335   | 50.646    |
| 7)                          | B delta-BHC     | 4.763  | 4.263 | 233.1E6  | 1079.5E6 | 56.512   | 50.770    |
| 8)                          | B Heptachlo...  | 5.690  | 4.874 | 196.5E6  | 940.2E6  | 54.992   | 49.758    |
| 9)                          | A Endosulfan I  | 6.074  | 5.249 | 186.7E6  | 846.0E6  | 55.270   | 46.965    |
| 10)                         | B gamma-Chl...  | 5.946  | 5.128 | 205.3E6  | 1014.1E6 | 56.669   | 49.966    |
| 11)                         | B alpha-Chl...  | 6.026  | 5.192 | 200.2E6  | 968.9E6  | 55.475   | 49.427    |
| 12)                         | B 4,4'-DDE      | 6.195  | 5.377 | 177.7E6  | 1005.0E6 | 53.875   | 51.031    |
| 13)                         | MA Dieldrin     | 6.346  | 5.515 | 198.9E6  | 987.4E6  | 55.726   | 49.539    |
| 14)                         | MA Endrin       | 6.574  | 5.791 | 162.3E6  | 900.7E6  | 54.431   | 49.481    |
| 15)                         | B Endosulfa...  | 6.785  | 6.082 | 167.0E6  | 848.0E6  | 53.409   | 48.398    |
| 16)                         | A 4,4'-DDD      | 6.704  | 5.931 | 139.4E6  | 815.3E6  | 55.422   | 49.755    |
| 17)                         | MA 4,4'-DDT     | 7.020  | 6.185 | 129.0E6  | 758.2E6  | 46.442   | 44.560    |
| 18)                         | B Endrin al...  | 6.914  | 6.261 | 118.2E6  | 608.5E6  | 51.226   | 45.747    |
| 19)                         | B Endosulfa...  | 7.148  | 6.484 | 153.1E6  | 811.2E6  | 53.225   | 47.349    |
| 20)                         | A Methoxychlor  | 7.492  | 6.756 | 67642174 | 386.3E6  | 45.108   | 42.352    |
| 21)                         | B Endrin ke...  | 7.629  | 6.992 | 159.7E6  | 854.4E6  | 51.729   | 45.680    |
| 22)                         | Mirex           | 8.113  | 7.187 | 117.3E6  | 664.4E6  | 49.942   | 44.830    |
| 23)                         | Chlordane-1     | 0.000  | 3.896 | 0        | 3026609  | N.D.     | 3.775 #   |
| 24)                         | Chlordane-2     | 5.271f | 4.508 | 222.2E6  | 47922585 | 1334.005 | 58.067 #  |
| 25)                         | Chlordane-3     | 5.946  | 5.128 | 205.3E6  | 1014.1E6 | 304.299  | 400.987 # |
| 26)                         | Chlordane-4     | 6.026  | 5.192 | 200.2E6  | 968.9E6  | 245.595  | 453.148 # |
| 27)                         | Chlordane-5     | 0.000  | 6.082 | 0        | 848.0E6  | N.D.     | 878.287 # |
| -----                       |                 |        |       |          |          |          |           |

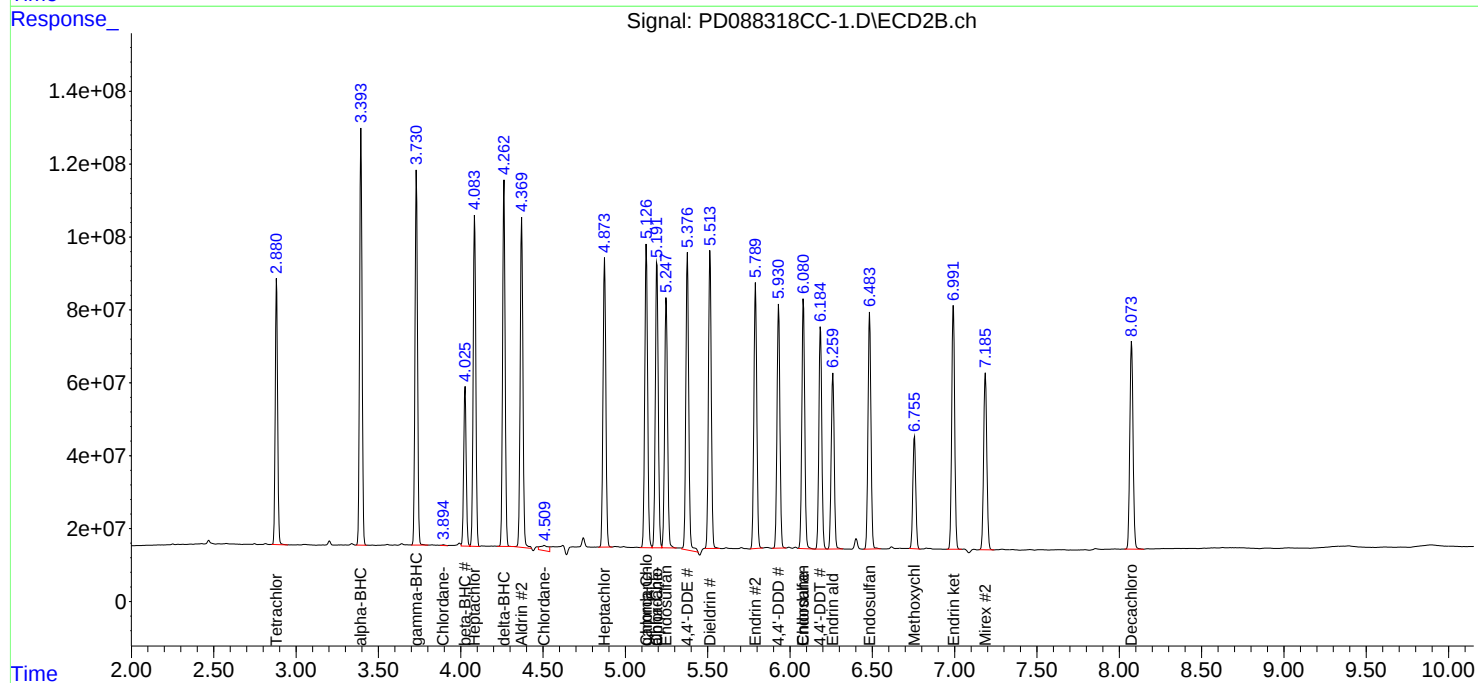
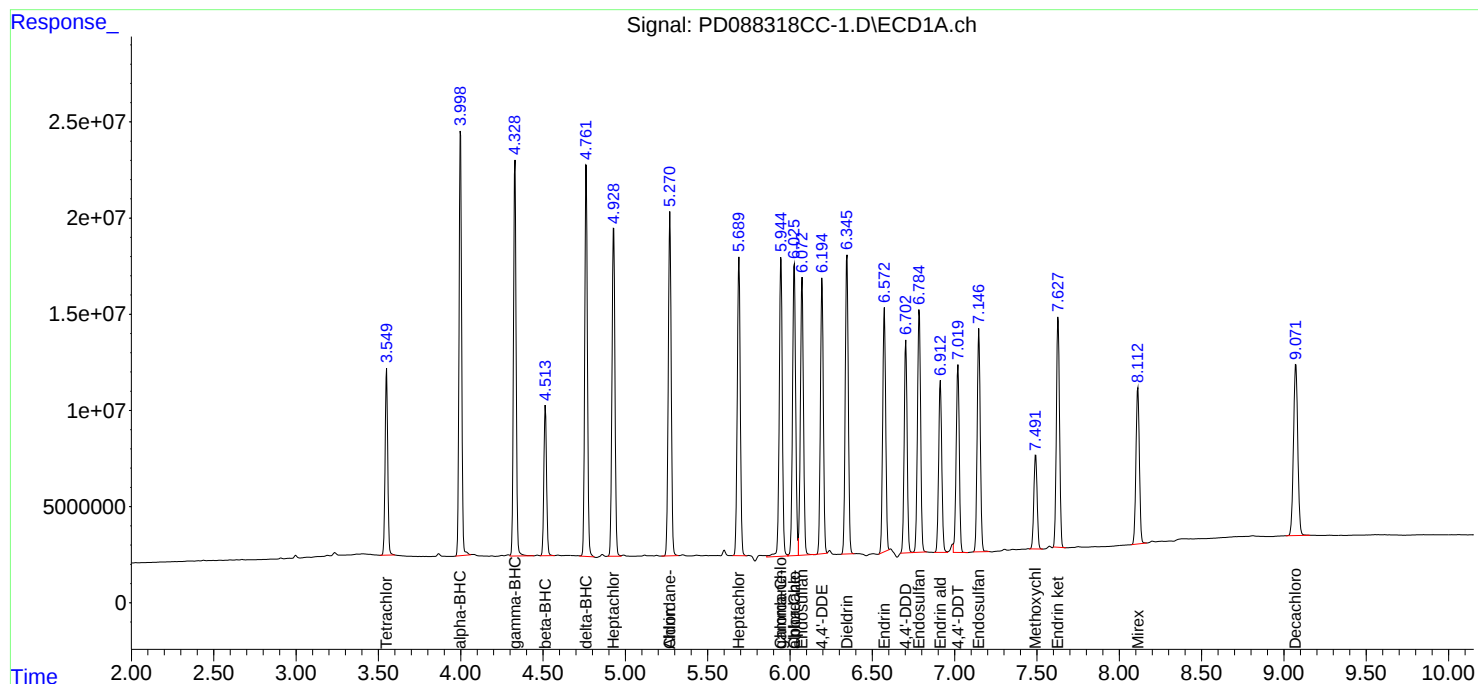
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

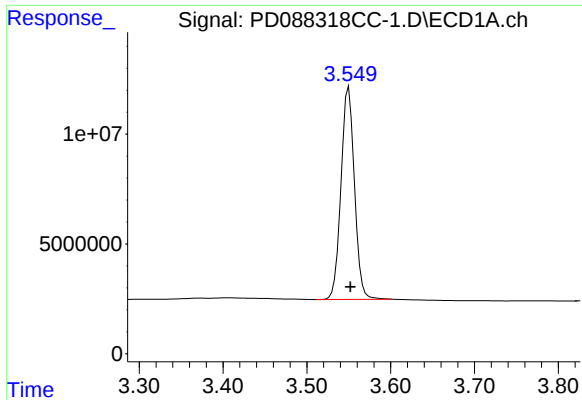
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042825\  
Data File : PD088318CC-1.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Apr 2025 18:55  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 29 02:24:27 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 19 06:32:27 2025  
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

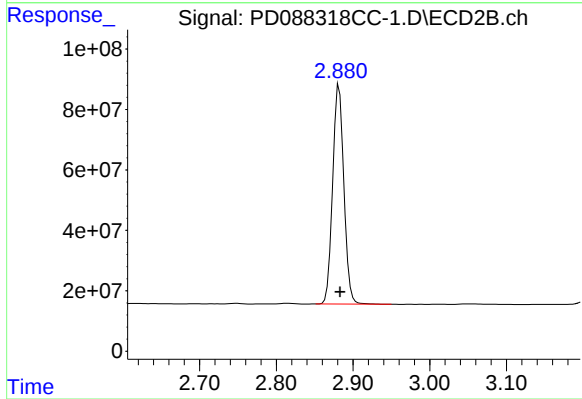




#1 Tetrachloro-m-xylene

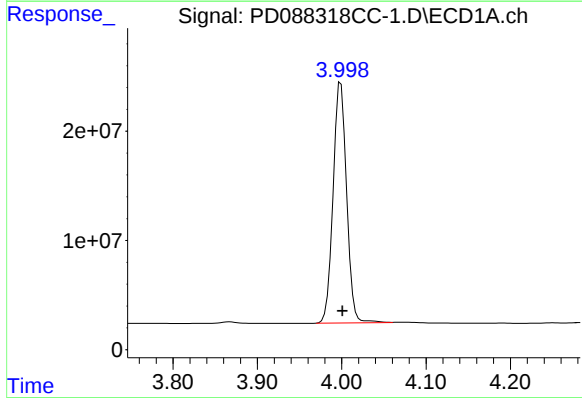
R.T.: 3.550 min  
Delta R.T.: -0.002 min  
Response: 107890798  
Conc: 54.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



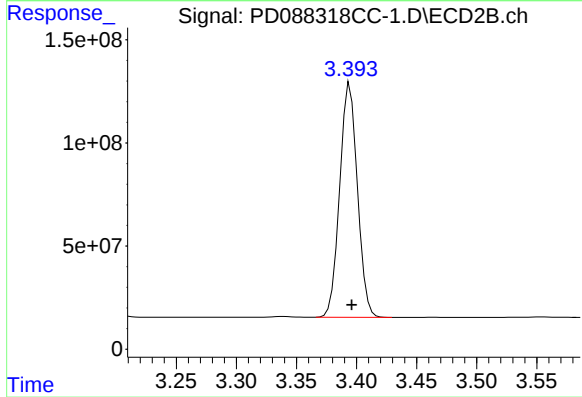
#1 Tetrachloro-m-xylene

R.T.: 2.882 min  
Delta R.T.: -0.001 min  
Response: 736221199  
Conc: 50.35 ng/ml



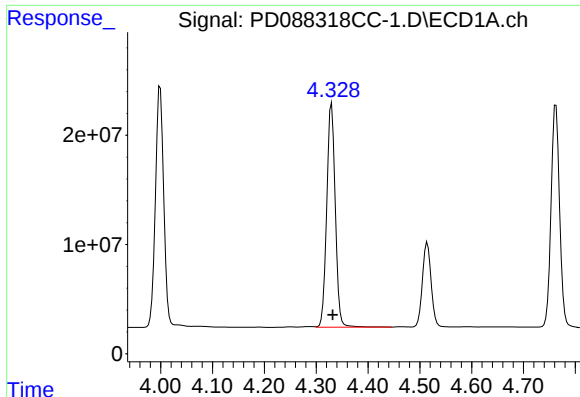
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: -0.002 min  
Response: 245438953  
Conc: 56.92 ng/ml



#2 alpha-BHC

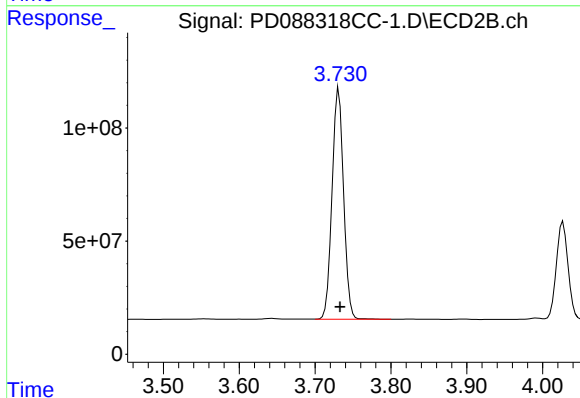
R.T.: 3.395 min  
Delta R.T.: -0.002 min  
Response: 1167922389  
Conc: 51.09 ng/ml



#3 gamma-BHC (Lindane)

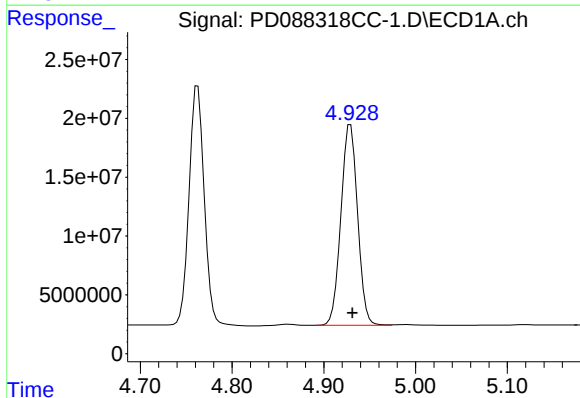
R.T.: 4.330 min  
Delta R.T.: -0.002 min  
Response: 234813509  
Conc: 56.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



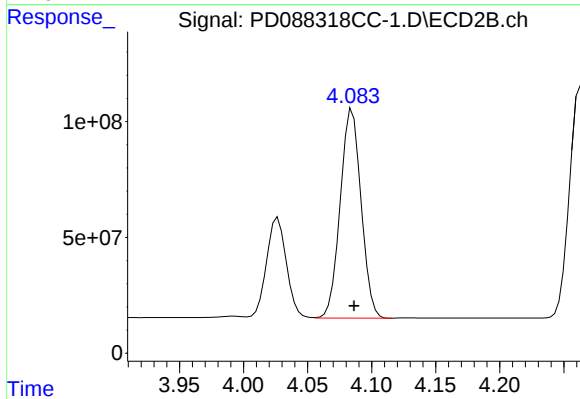
#3 gamma-BHC (Lindane)

R.T.: 3.731 min  
Delta R.T.: -0.002 min  
Response: 1078600913  
Conc: 50.08 ng/ml



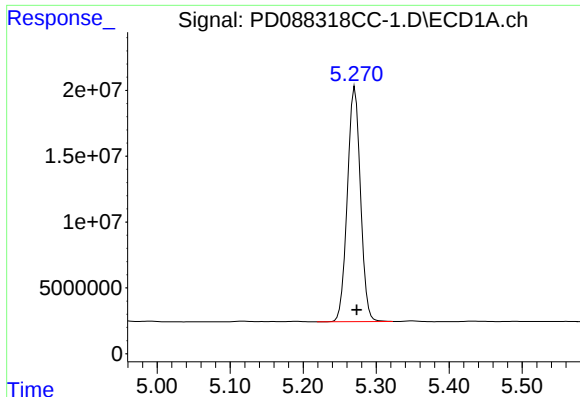
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: -0.002 min  
Response: 215150724  
Conc: 53.27 ng/ml



#4 Heptachlor

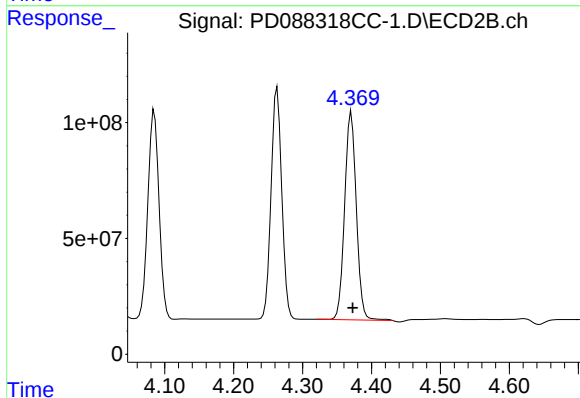
R.T.: 4.085 min  
Delta R.T.: -0.002 min  
Response: 1022874760  
Conc: 47.80 ng/ml



#5 Aldrin

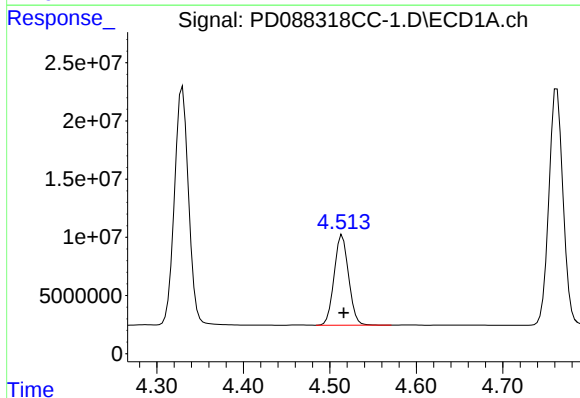
R.T.: 5.271 min  
Delta R.T.: -0.003 min  
Response: 222150150  
Conc: 56.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



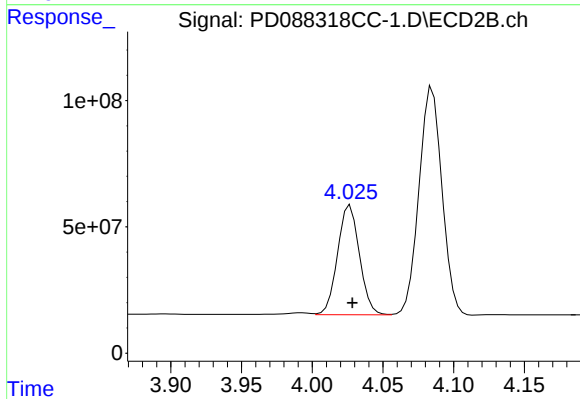
#5 Aldrin

R.T.: 4.371 min  
Delta R.T.: -0.002 min  
Response: 1059738634  
Conc: 50.94 ng/ml



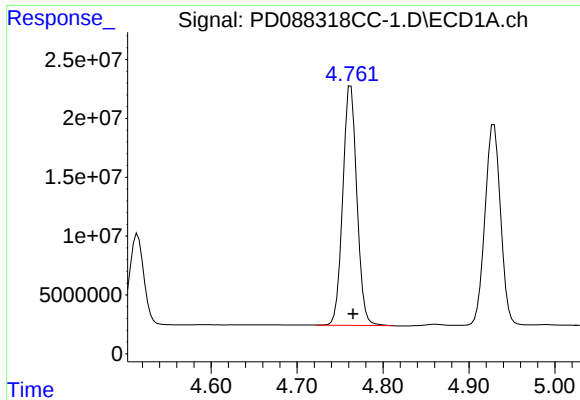
#6 beta-BHC

R.T.: 4.514 min  
Delta R.T.: -0.002 min  
Response: 89830300  
Conc: 55.34 ng/ml



#6 beta-BHC

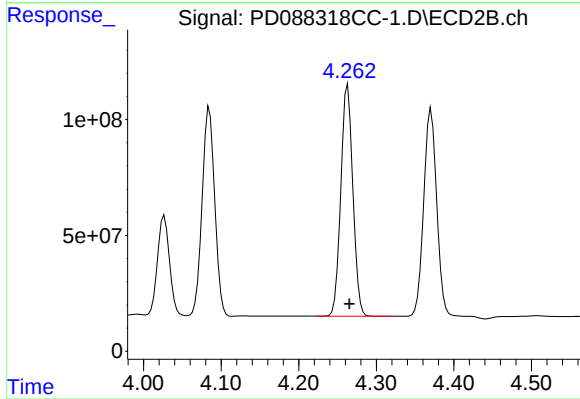
R.T.: 4.027 min  
Delta R.T.: -0.002 min  
Response: 468688018  
Conc: 50.65 ng/ml



#7 delta-BHC

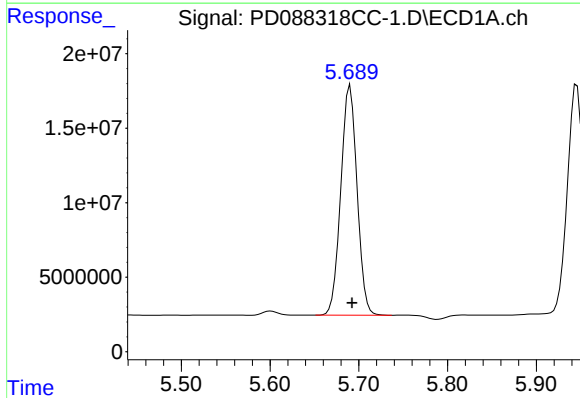
R.T.: 4.763 min  
Delta R.T.: -0.003 min  
Response: 233109475  
Conc: 56.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



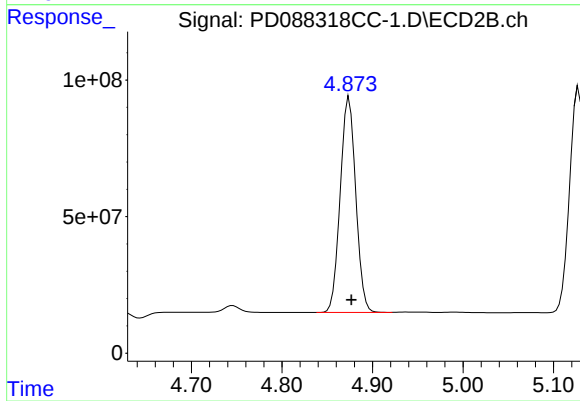
#7 delta-BHC

R.T.: 4.263 min  
Delta R.T.: -0.002 min  
Response: 1079451176  
Conc: 50.77 ng/ml



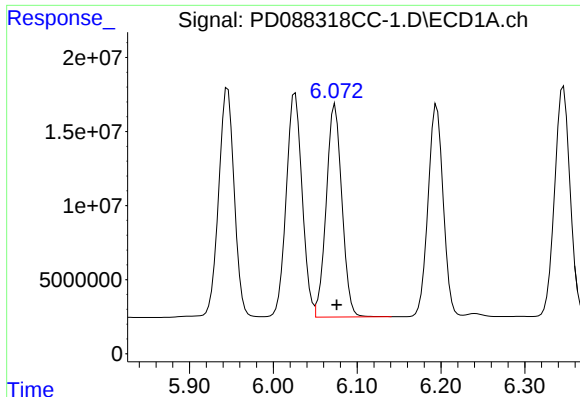
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: -0.002 min  
Response: 196539183  
Conc: 54.99 ng/ml



#8 Heptachlor epoxide

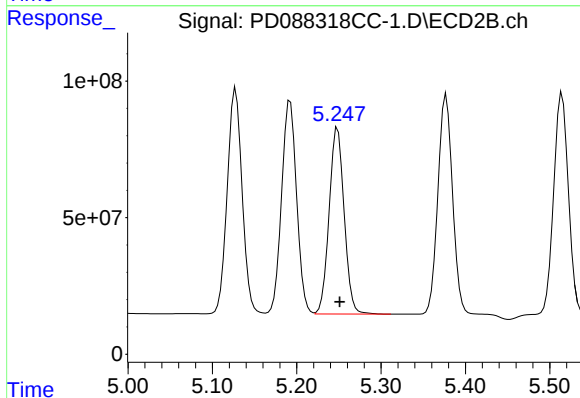
R.T.: 4.874 min  
Delta R.T.: -0.002 min  
Response: 940151014  
Conc: 49.76 ng/ml



#9 Endosulfan I

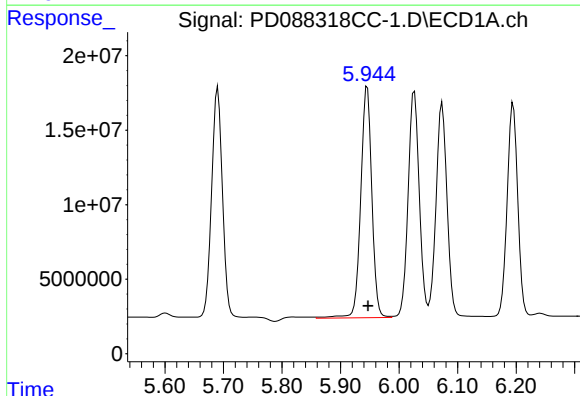
R.T.: 6.074 min  
Delta R.T.: -0.002 min  
Response: 186656415  
Conc: 55.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



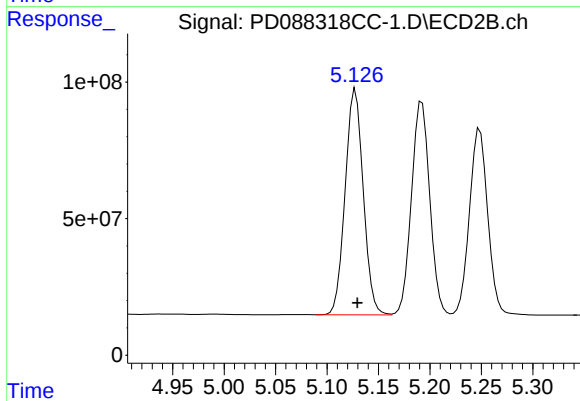
#9 Endosulfan I

R.T.: 5.249 min  
Delta R.T.: -0.003 min  
Response: 845953332  
Conc: 46.96 ng/ml



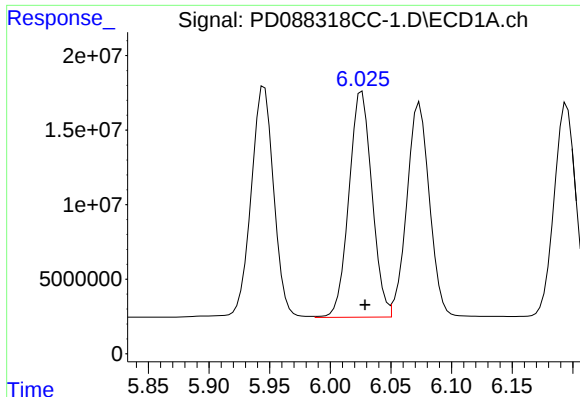
#10 gamma-Chlordane

R.T.: 5.946 min  
Delta R.T.: -0.001 min  
Response: 205258522  
Conc: 56.67 ng/ml



#10 gamma-Chlordane

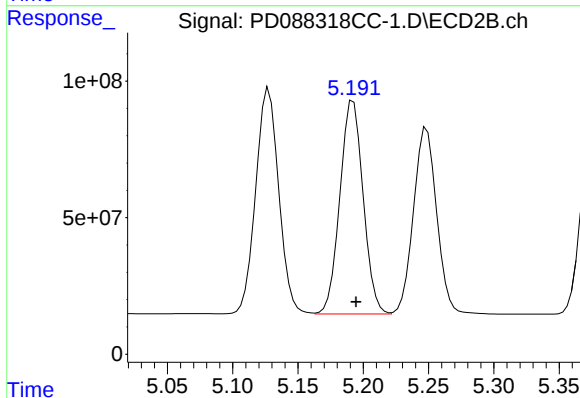
R.T.: 5.128 min  
Delta R.T.: -0.002 min  
Response: 1014112337  
Conc: 49.97 ng/ml



#11 alpha-Chlordane

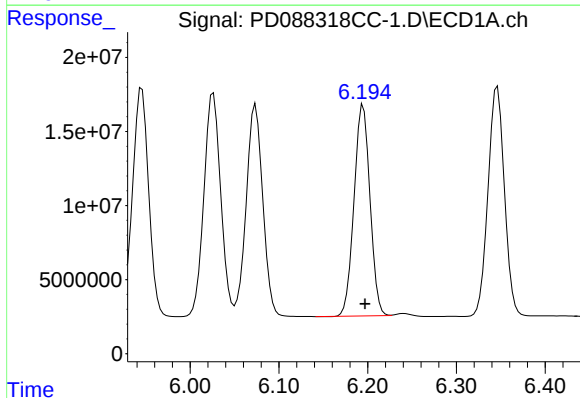
R.T.: 6.026 min  
Delta R.T.: -0.003 min  
Response: 200239858  
Conc: 55.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



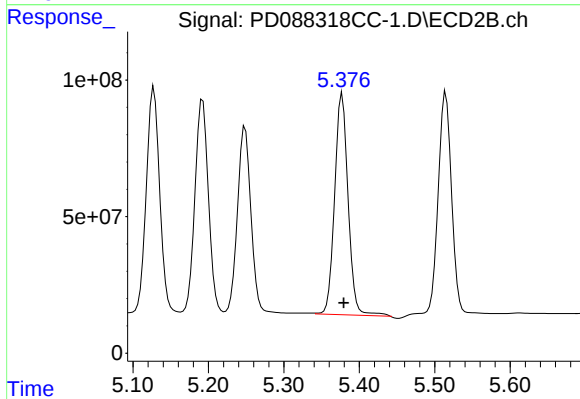
#11 alpha-Chlordane

R.T.: 5.192 min  
Delta R.T.: -0.002 min  
Response: 968899540  
Conc: 49.43 ng/ml



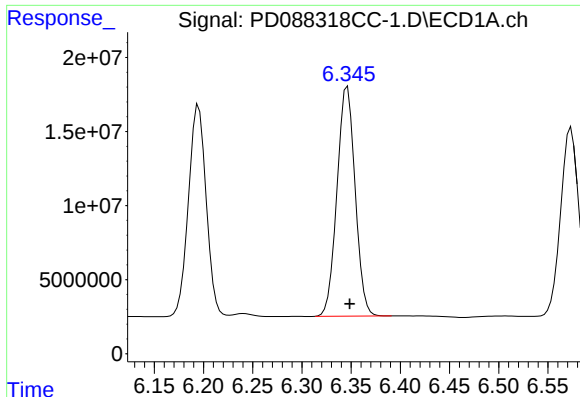
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: -0.002 min  
Response: 177694164  
Conc: 53.88 ng/ml



#12 4,4'-DDE

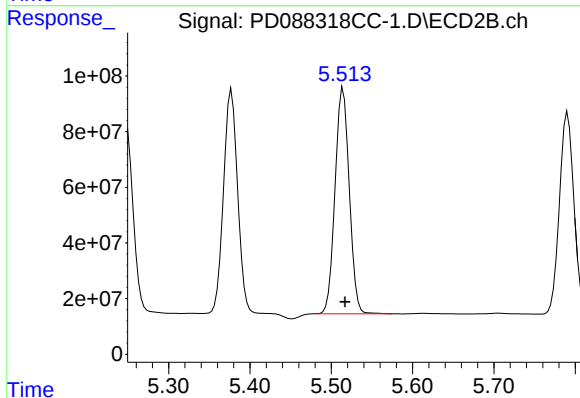
R.T.: 5.377 min  
Delta R.T.: -0.002 min  
Response: 1004999791  
Conc: 51.03 ng/ml



#13 Dieldrin

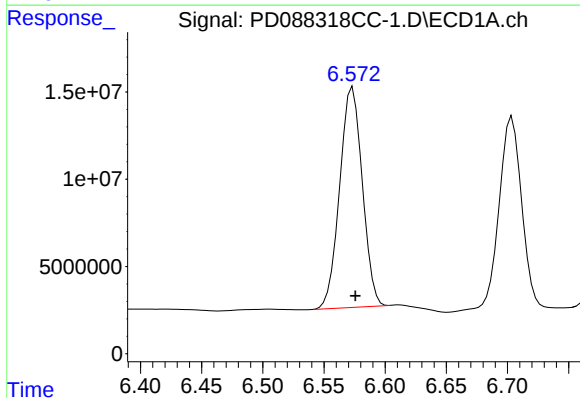
R.T.: 6.346 min  
Delta R.T.: -0.002 min  
Response: 198856625  
Conc: 55.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



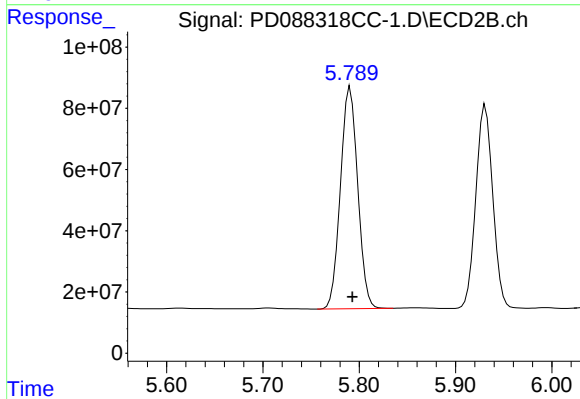
#13 Dieldrin

R.T.: 5.515 min  
Delta R.T.: -0.002 min  
Response: 987444650  
Conc: 49.54 ng/ml



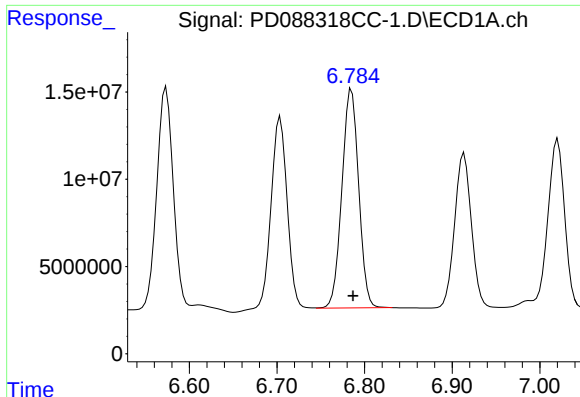
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: -0.002 min  
Response: 162342675  
Conc: 54.43 ng/ml



#14 Endrin

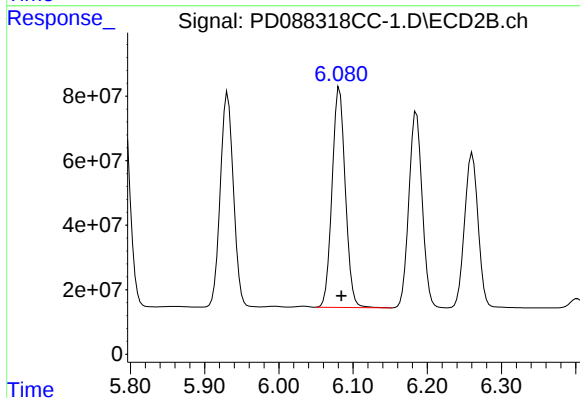
R.T.: 5.791 min  
Delta R.T.: -0.002 min  
Response: 900661717  
Conc: 49.48 ng/ml



#15 Endosulfan II

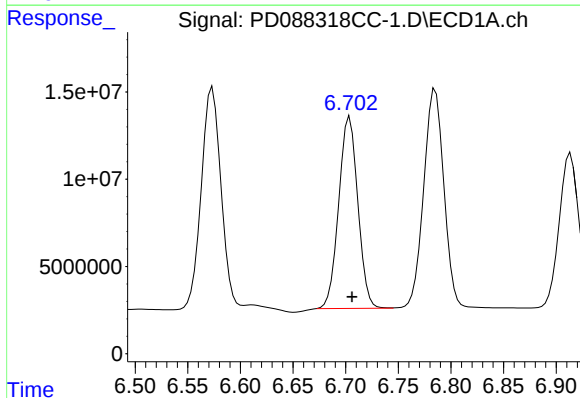
R.T.: 6.785 min  
Delta R.T.: -0.002 min  
Response: 166967477  
Conc: 53.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



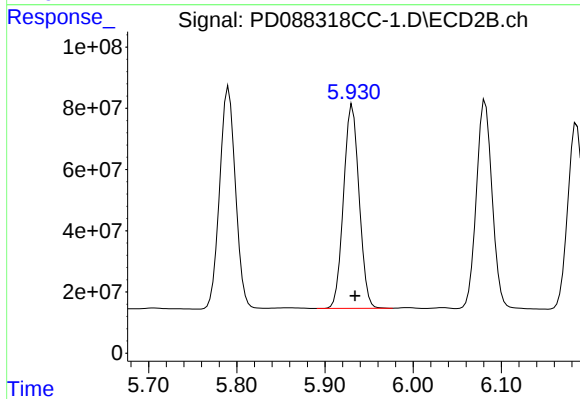
#15 Endosulfan II

R.T.: 6.082 min  
Delta R.T.: -0.003 min  
Response: 848007477  
Conc: 48.40 ng/ml



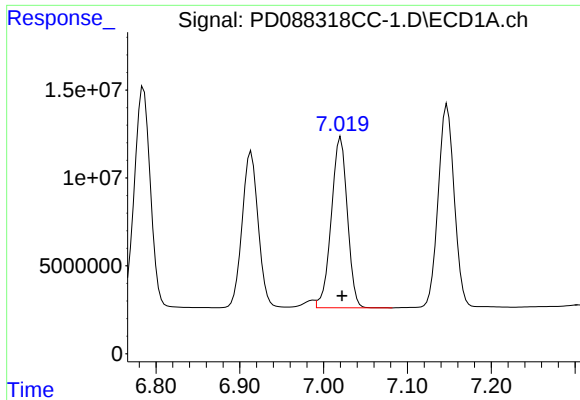
#16 4,4'-DDD

R.T.: 6.704 min  
Delta R.T.: -0.002 min  
Response: 139384399  
Conc: 55.42 ng/ml



#16 4,4'-DDD

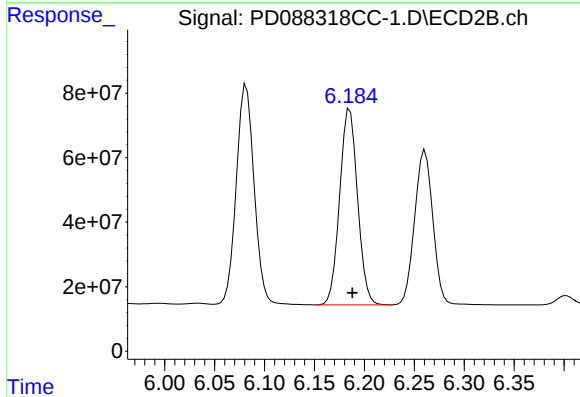
R.T.: 5.931 min  
Delta R.T.: -0.003 min  
Response: 815289521  
Conc: 49.75 ng/ml



#17 4,4'-DDT

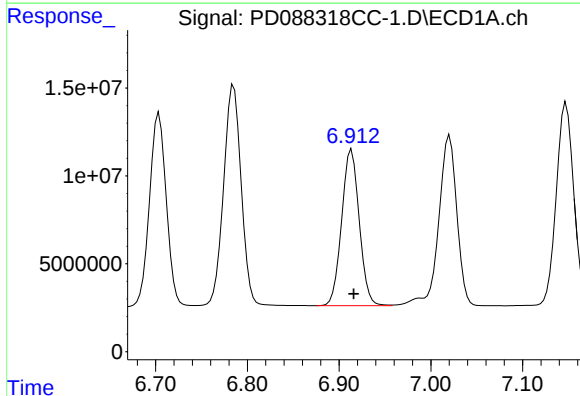
R.T.: 7.020 min  
Delta R.T.: -0.002 min  
Response: 128993564  
Conc: 46.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



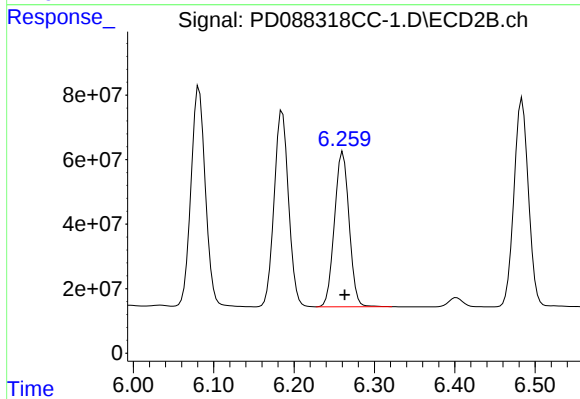
#17 4,4'-DDT

R.T.: 6.185 min  
Delta R.T.: -0.003 min  
Response: 758246850  
Conc: 44.56 ng/ml



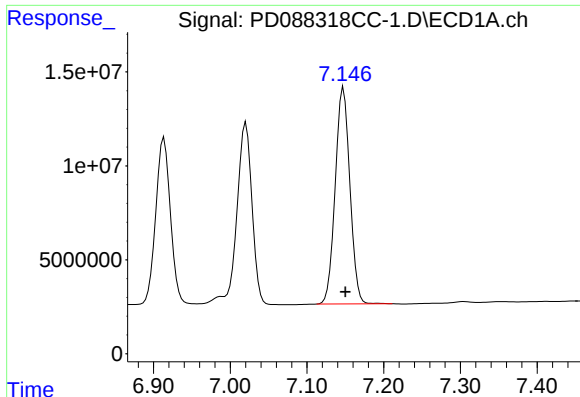
#18 Endrin aldehyde

R.T.: 6.914 min  
Delta R.T.: -0.002 min  
Response: 118229310  
Conc: 51.23 ng/ml



#18 Endrin aldehyde

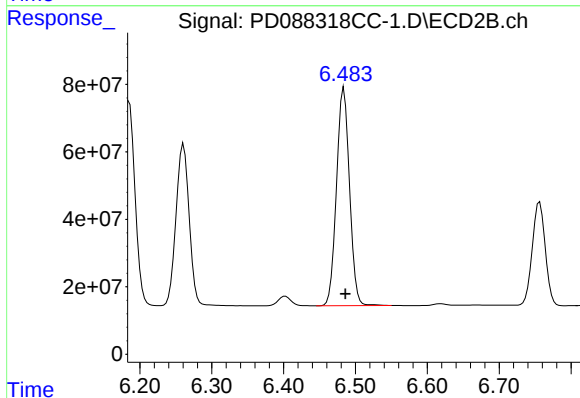
R.T.: 6.261 min  
Delta R.T.: -0.002 min  
Response: 608478603  
Conc: 45.75 ng/ml



#19 Endosulfan Sulfate

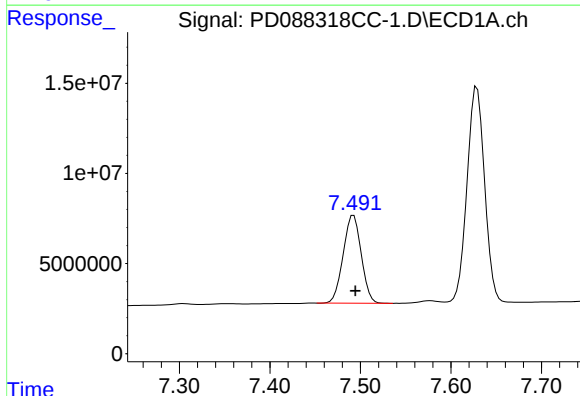
R.T.: 7.148 min  
Delta R.T.: -0.003 min  
Response: 153066729  
Conc: 53.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



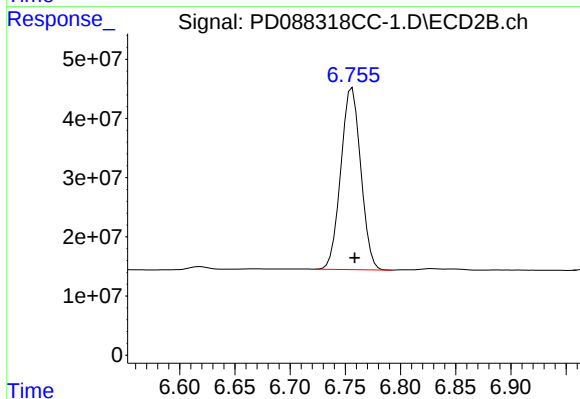
#19 Endosulfan Sulfate

R.T.: 6.484 min  
Delta R.T.: -0.002 min  
Response: 811233963  
Conc: 47.35 ng/ml



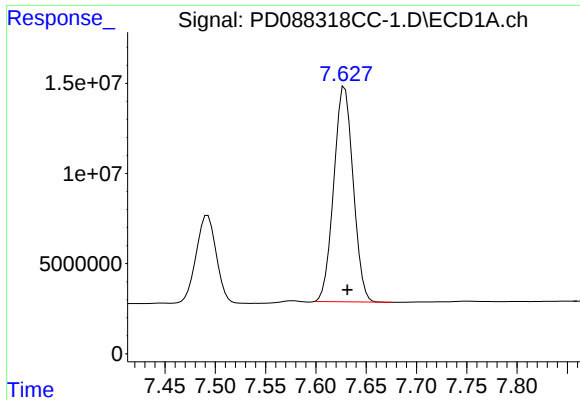
#20 Methoxychlor

R.T.: 7.492 min  
Delta R.T.: -0.002 min  
Response: 67642174  
Conc: 45.11 ng/ml



#20 Methoxychlor

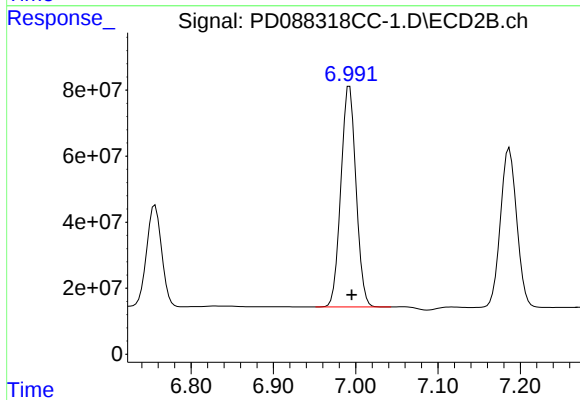
R.T.: 6.756 min  
Delta R.T.: -0.002 min  
Response: 386290653  
Conc: 42.35 ng/ml



#21 Endrin ketone

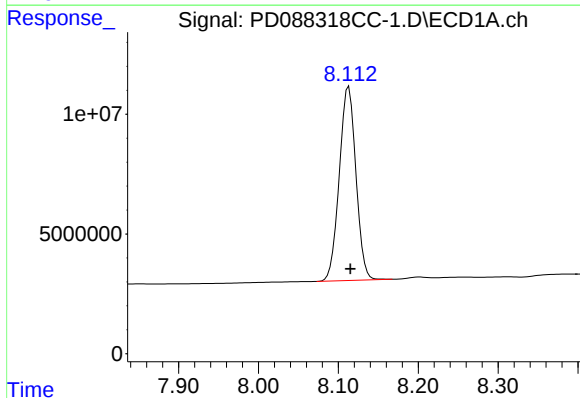
R.T.: 7.629 min  
Delta R.T.: -0.003 min  
Response: 159665668  
Conc: 51.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



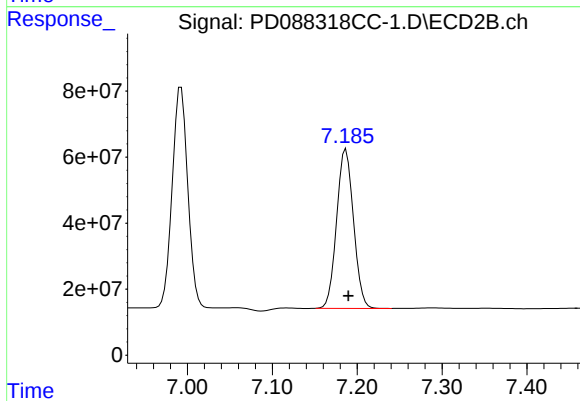
#21 Endrin ketone

R.T.: 6.992 min  
Delta R.T.: -0.003 min  
Response: 854399222  
Conc: 45.68 ng/ml



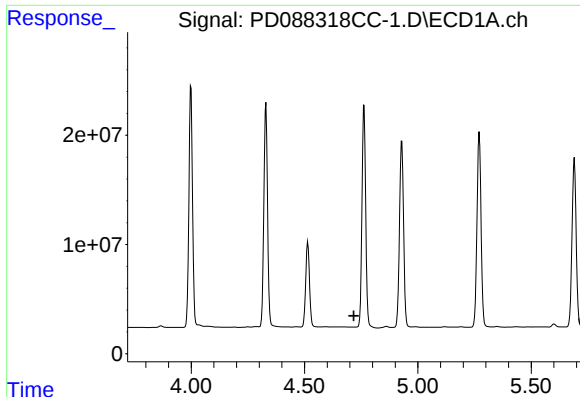
#22 Mirex

R.T.: 8.113 min  
Delta R.T.: -0.002 min  
Response: 117279501  
Conc: 49.94 ng/ml



#22 Mirex

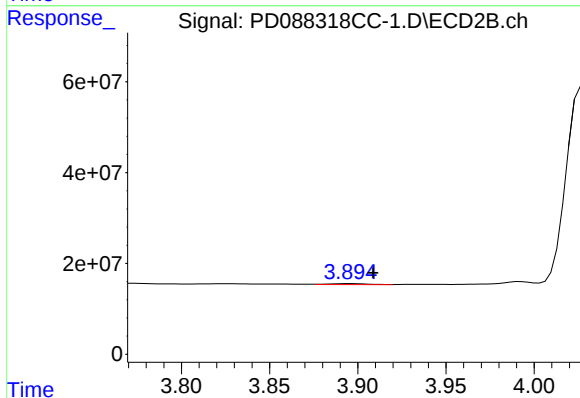
R.T.: 7.187 min  
Delta R.T.: -0.003 min  
Response: 664429077  
Conc: 44.83 ng/ml



#23 Chlordane-1

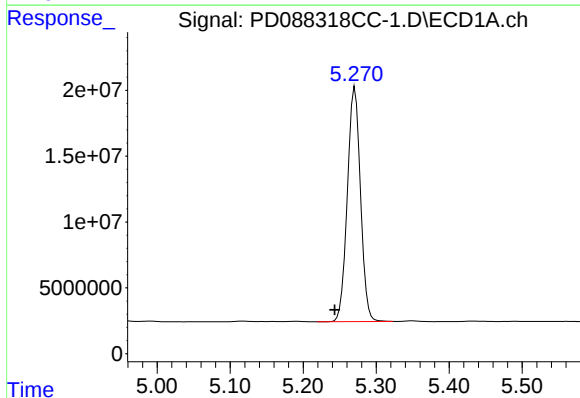
R.T.: 0.000 min  
Exp R.T.: 4.717 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



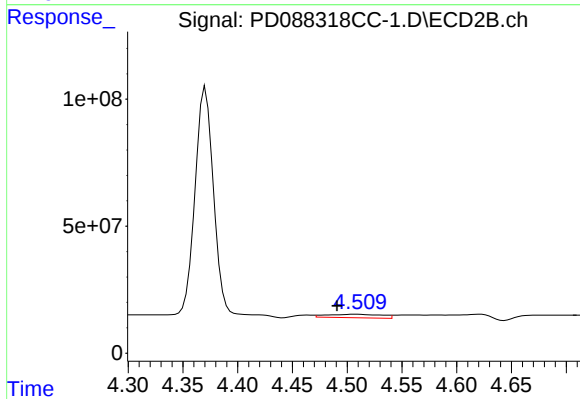
#23 Chlordane-1

R.T.: 3.896 min  
Delta R.T.: -0.013 min  
Response: 3026609  
Conc: 3.78 ng/ml



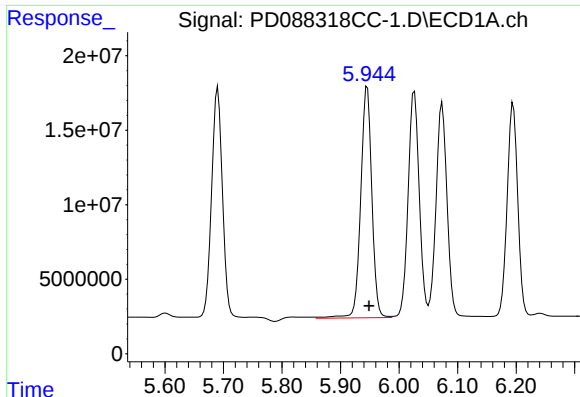
#24 Chlordane-2

R.T.: 5.271 min  
Delta R.T.: 0.028 min  
Response: 222150150  
Conc: 1334.00 ng/ml



#24 Chlordane-2

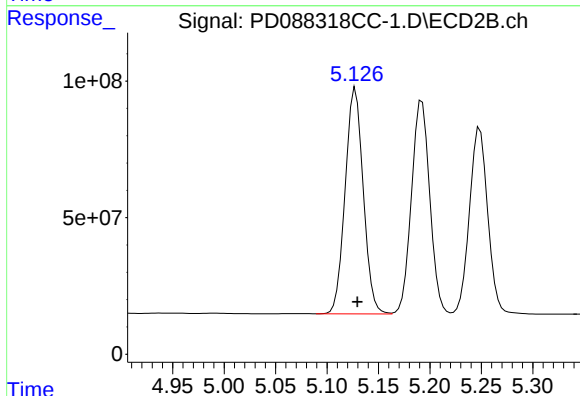
R.T.: 4.508 min  
Delta R.T.: 0.018 min  
Response: 47922585  
Conc: 58.07 ng/ml



#25 Chlordane-3

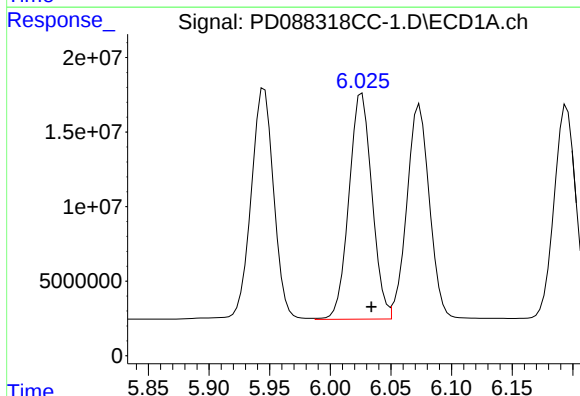
R.T.: 5.946 min  
Delta R.T.: -0.003 min  
Response: 205258522  
Conc: 304.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



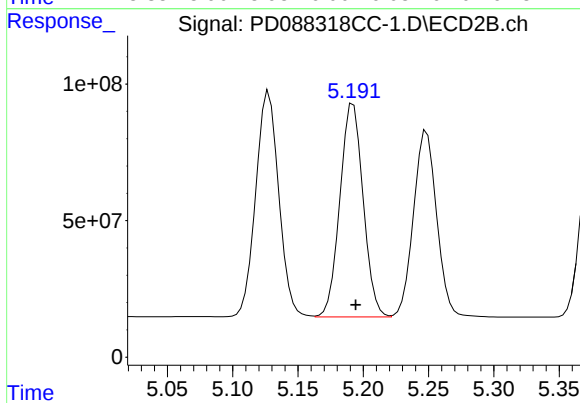
#25 Chlordane-3

R.T.: 5.128 min  
Delta R.T.: -0.002 min  
Response: 1014112337  
Conc: 400.99 ng/ml



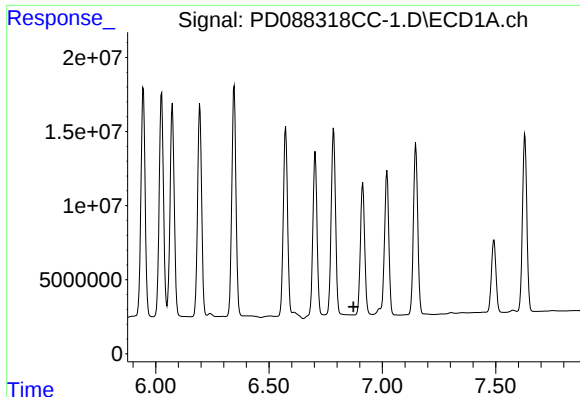
#26 Chlordane-4

R.T.: 6.026 min  
Delta R.T.: -0.008 min  
Response: 200239858  
Conc: 245.59 ng/ml



#26 Chlordane-4

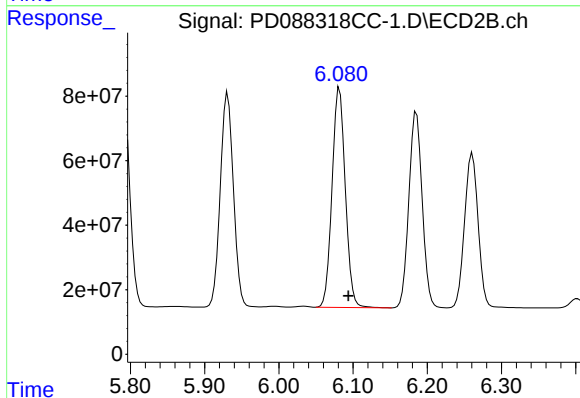
R.T.: 5.192 min  
Delta R.T.: -0.002 min  
Response: 968899540  
Conc: 453.15 ng/ml



#27 Chlordane-5

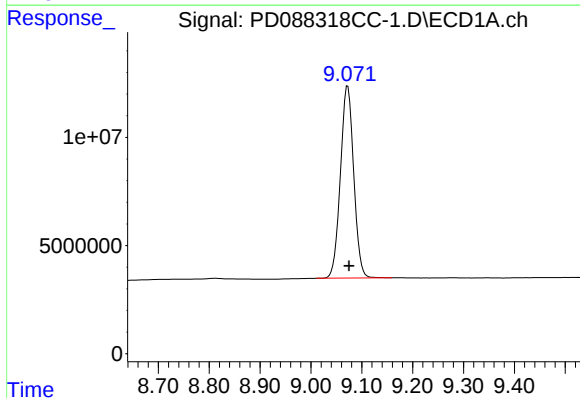
R.T.: 0.000 min  
Exp R.T.: 6.873 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



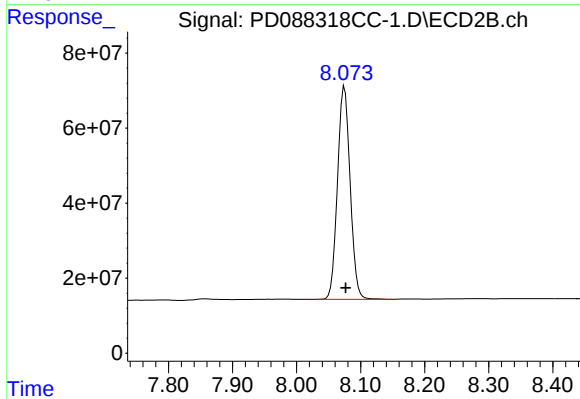
#27 Chlordane-5

R.T.: 6.082 min  
Delta R.T.: -0.012 min  
Response: 848007477  
Conc: 878.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min  
Delta R.T.: -0.002 min  
Response: 161264498  
Conc: 48.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min  
Delta R.T.: -0.002 min  
Response: 779547205  
Conc: 42.18 ng/ml