

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
 Data File : PD089188.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2025 12:53  
 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: Jun 28 05:37:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 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... | 3.553 | 2.881 | 164.9E6  | 968.6E6  | 57.795  | 57.135    |
| 28)                         | SA Decachlor... | 9.074 | 8.072 | 186.4E6  | 882.4E6  | 47.460  | 44.636    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.001 | 3.393 | 339.7E6  | 1483.9E6 | 58.278  | 55.376    |
| 3)                          | MA gamma-BHC... | 4.332 | 3.729 | 319.1E6  | 1357.0E6 | 57.165  | 54.815    |
| 4)                          | MA Heptachlor   | 4.931 | 4.082 | 282.5E6  | 1246.7E6 | 51.812  | 49.793    |
| 5)                          | MB Aldrin       | 5.273 | 4.368 | 301.2E6  | 1322.1E6 | 56.698  | 54.595    |
| 6)                          | B beta-BHC      | 4.518 | 4.025 | 121.5E6  | 572.2E6  | 55.031  | 53.248    |
| 7)                          | B delta-BHC     | 4.766 | 4.261 | 307.0E6  | 1351.5E6 | 59.807  | 54.336    |
| 8)                          | B Heptachlo...  | 5.692 | 4.871 | 258.7E6  | 1193.8E6 | 53.631  | 54.515    |
| 9)                          | A Endosulfan I  | 6.076 | 5.246 | 241.9E6  | 1103.0E6 | 53.657  | 52.923    |
| 10)                         | B gamma-Chl...  | 5.947 | 5.125 | 271.0E6  | 1303.4E6 | 56.596  | 54.485    |
| 11)                         | B alpha-Chl...  | 6.028 | 5.189 | 264.9E6  | 1220.7E6 | 54.740  | 53.314    |
| 12)                         | B 4,4'-DDE      | 6.197 | 5.374 | 230.1E6  | 1202.0E6 | 52.764  | 52.451    |
| 13)                         | MA Dieldrin     | 6.348 | 5.512 | 256.7E6  | 1221.7E6 | 53.510  | 52.641    |
| 14)                         | MA Endrin       | 6.575 | 5.788 | 205.2E6  | 1082.4E6 | 49.739  | 49.849    |
| 15)                         | B Endosulfa...  | 6.787 | 6.079 | 208.1E6  | 1036.8E6 | 51.560  | 51.334    |
| 16)                         | A 4,4'-DDD      | 6.706 | 5.928 | 181.6E6  | 970.4E6  | 52.921  | 50.729    |
| 17)                         | MA 4,4'-DDT     | 7.022 | 6.182 | 158.6E6  | 868.9E6  | 41.870  | 42.845    |
| 18)                         | B Endrin al...  | 6.916 | 6.257 | 146.4E6  | 744.7E6  | 47.779  | 48.636    |
| 19)                         | B Endosulfa...  | 7.151 | 6.481 | 187.2E6  | 956.9E6  | 48.781  | 48.769    |
| 20)                         | A Methoxychlor  | 7.495 | 6.753 | 84285924 | 469.6E6  | 41.713  | 43.610    |
| 21)                         | B Endrin ke...  | 7.631 | 6.990 | 198.4E6  | 1021.1E6 | 48.704  | 47.268    |
| 22)                         | Mirex           | 8.115 | 7.184 | 140.5E6  | 762.7E6  | 46.229  | 45.733    |
| 23)                         | Chlordane-1     | 4.716 | 3.905 | 332981   | 3797258  | 1.556   | 4.073 #   |
| 24)                         | Chlordane-2     | 0.000 | 4.488 | 0        | 19655855 | N.D.    | 20.655 #  |
| 25)                         | Chlordane-3     | 5.947 | 5.125 | 271.0E6  | 1303.4E6 | 314.198 | 438.838 # |
| 26)                         | Chlordane-4     | 6.028 | 5.189 | 264.9E6  | 1220.7E6 | 252.077 | 486.976 # |
| 27)                         | Chlordane-5     | 6.872 | 6.079 | 554059   | 1036.8E6 | 3.032   | 916.145 # |
| -----                       |                 |       |       |          |          |         |           |

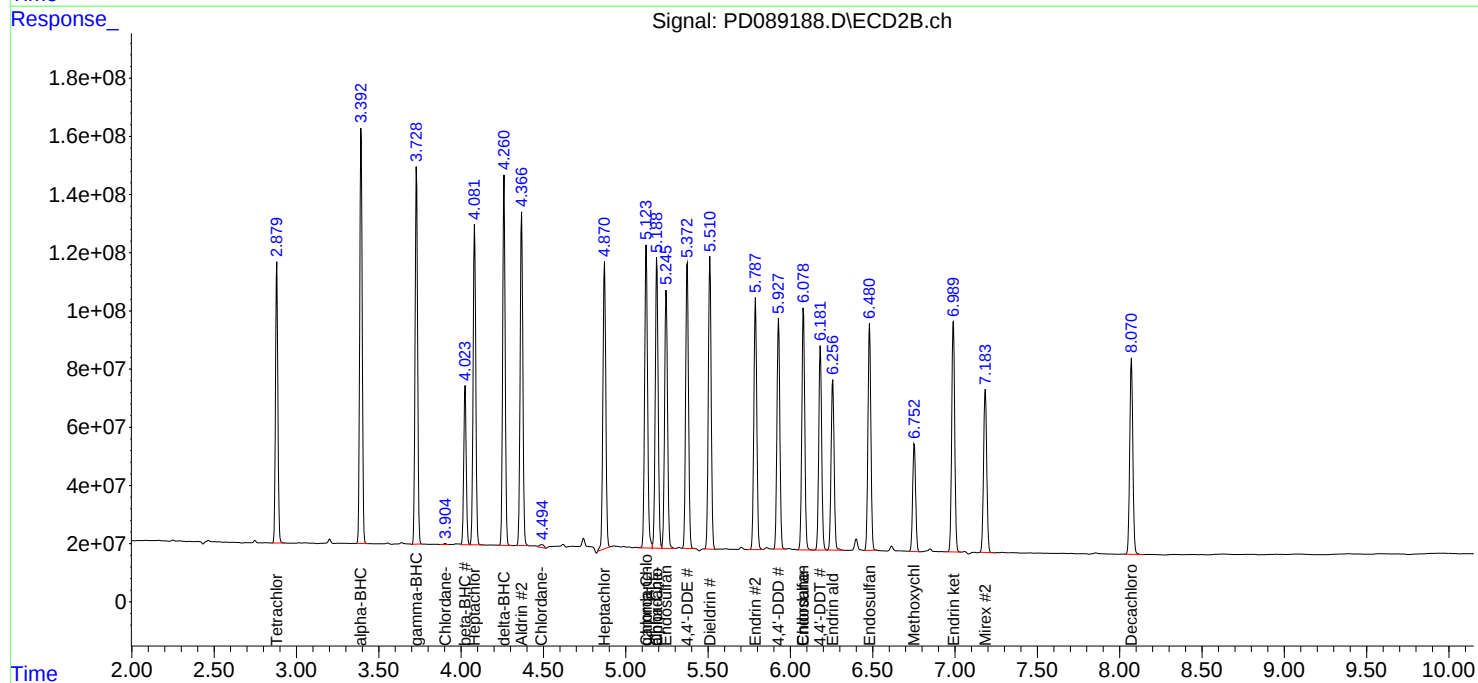
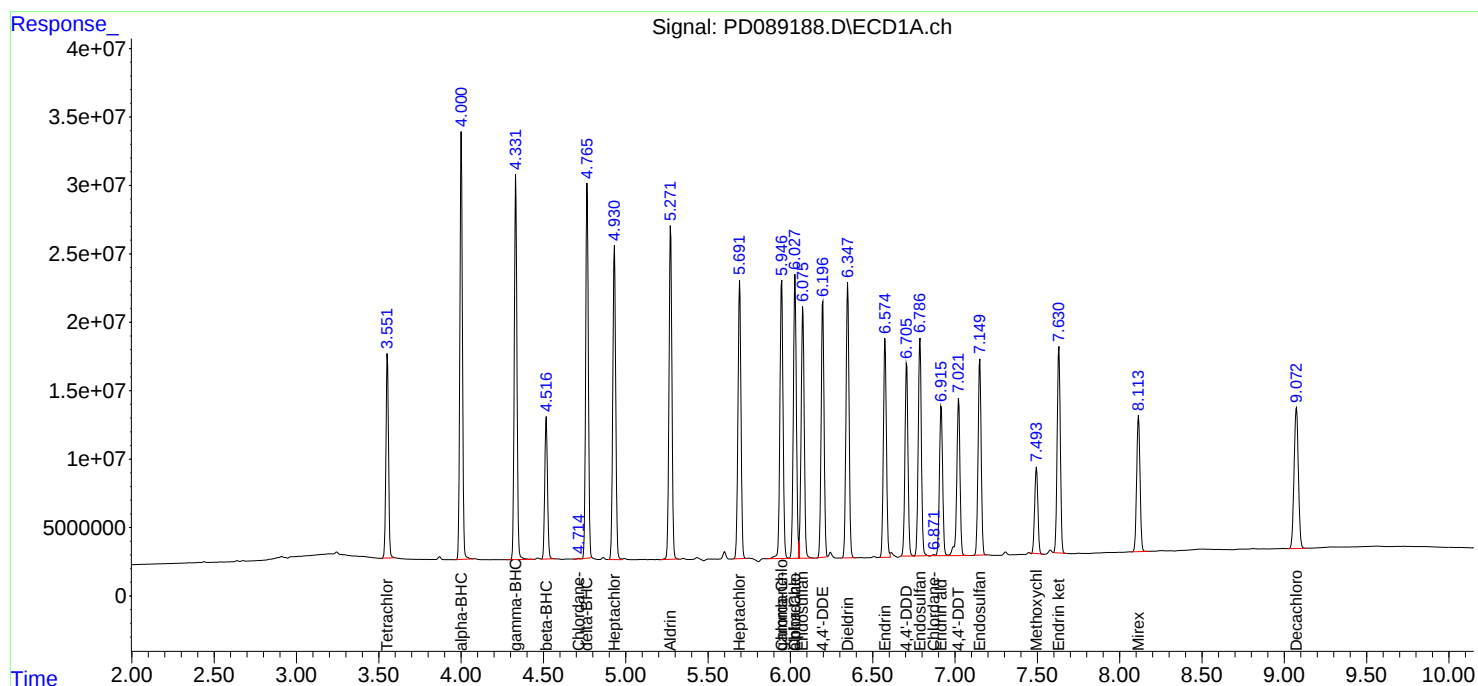
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

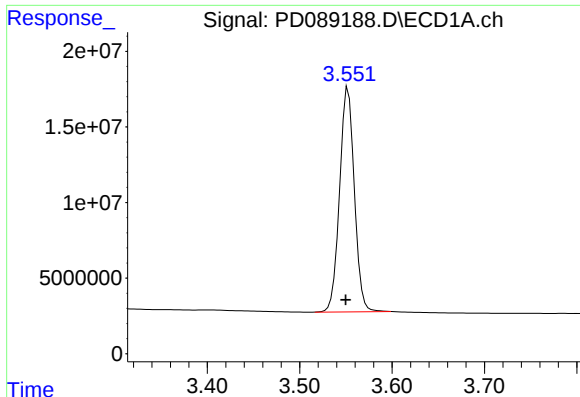
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
Data File : PD089188.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 12:53  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 28 05:37:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 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

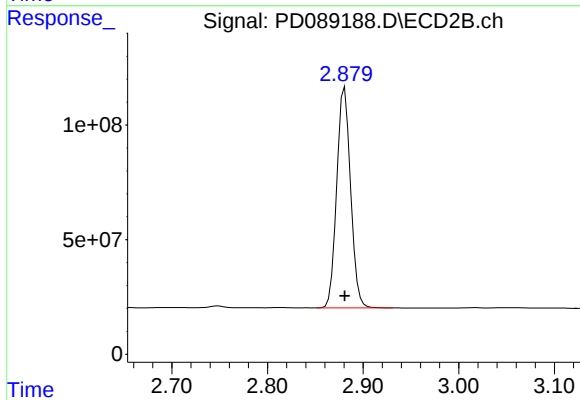




#1 Tetrachloro-m-xylene

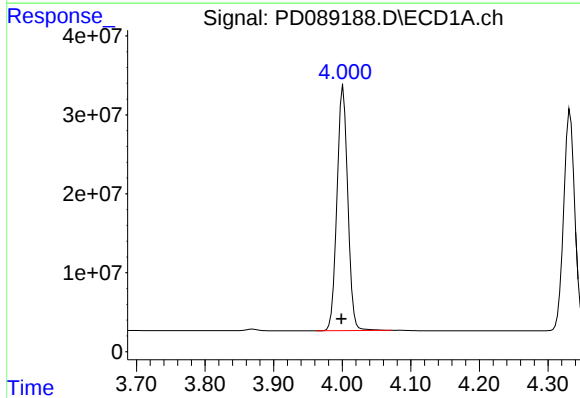
R.T.: 3.553 min  
Delta R.T.: 0.003 min  
Response: 164897204  
Conc: 57.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



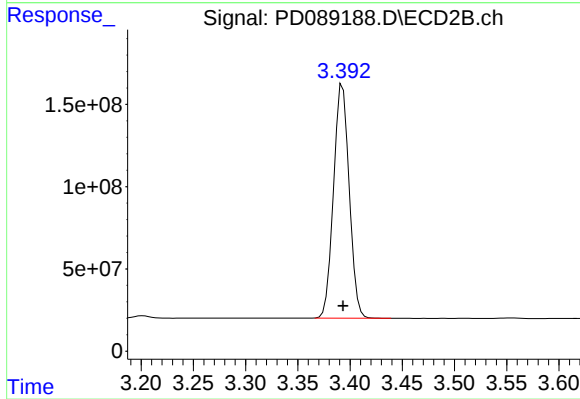
#1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 968618398  
Conc: 57.13 ng/ml



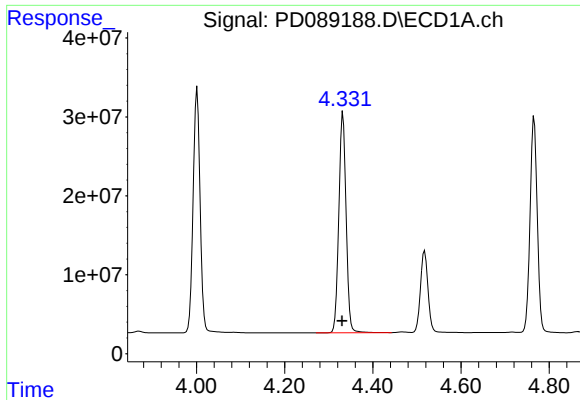
#2 alpha-BHC

R.T.: 4.001 min  
Delta R.T.: 0.002 min  
Response: 339708613  
Conc: 58.28 ng/ml



#2 alpha-BHC

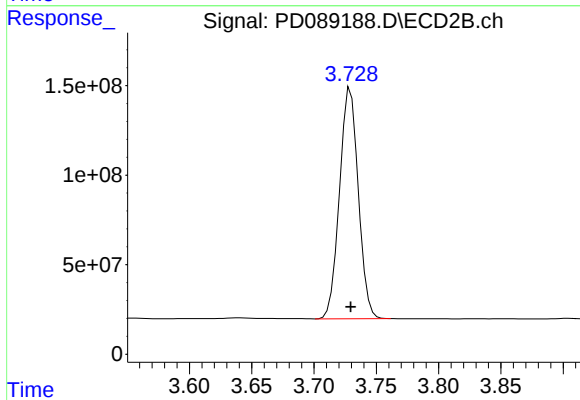
R.T.: 3.393 min  
Delta R.T.: 0.000 min  
Response: 1483919642  
Conc: 55.38 ng/ml



#3 gamma-BHC (Lindane)

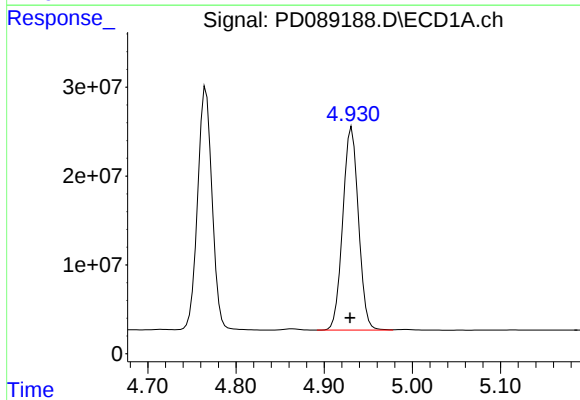
R.T.: 4.332 min  
Delta R.T.: 0.002 min  
Response: 319075142  
Conc: 57.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



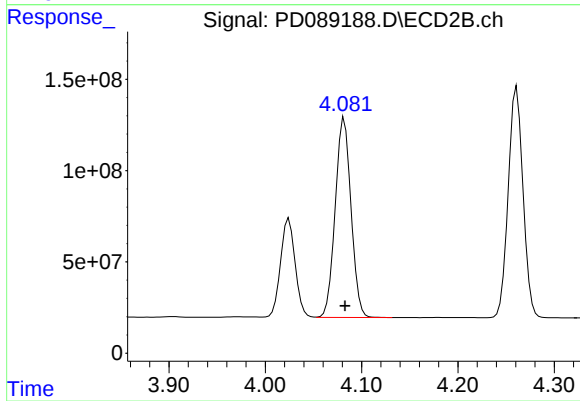
#3 gamma-BHC (Lindane)

R.T.: 3.729 min  
Delta R.T.: 0.000 min  
Response: 1357040106  
Conc: 54.81 ng/ml



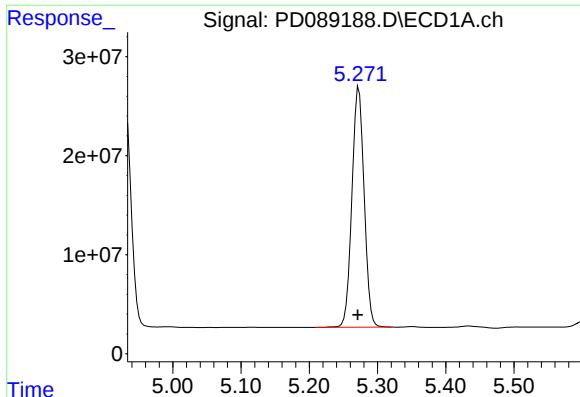
#4 Heptachlor

R.T.: 4.931 min  
Delta R.T.: 0.002 min  
Response: 282479696  
Conc: 51.81 ng/ml



#4 Heptachlor

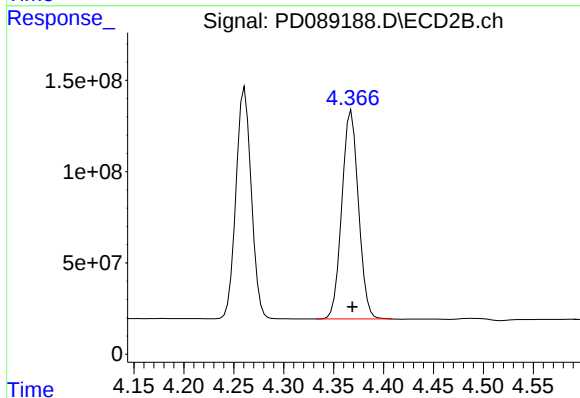
R.T.: 4.082 min  
Delta R.T.: 0.000 min  
Response: 1246745159  
Conc: 49.79 ng/ml



#5 Aldrin

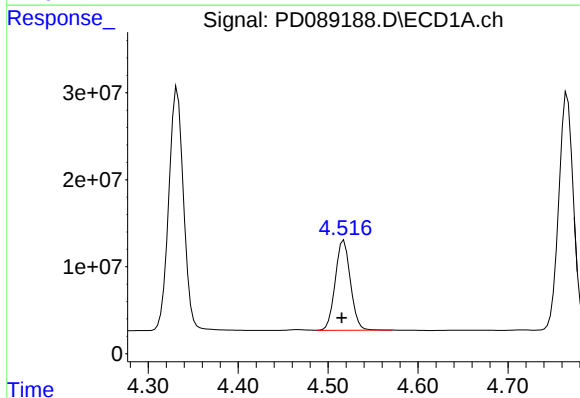
R.T.: 5.273 min  
Delta R.T.: 0.002 min  
Response: 301234970  
Conc: 56.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



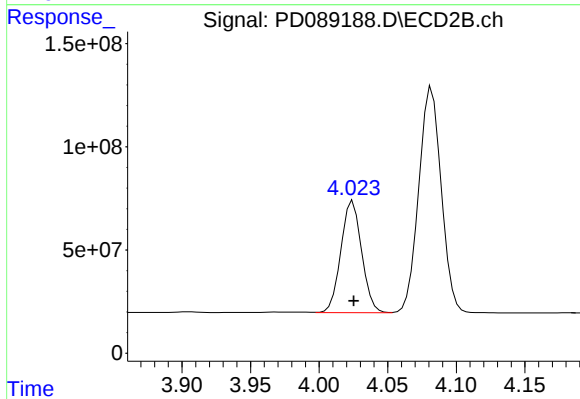
#5 Aldrin

R.T.: 4.368 min  
Delta R.T.: 0.000 min  
Response: 1322140261  
Conc: 54.59 ng/ml



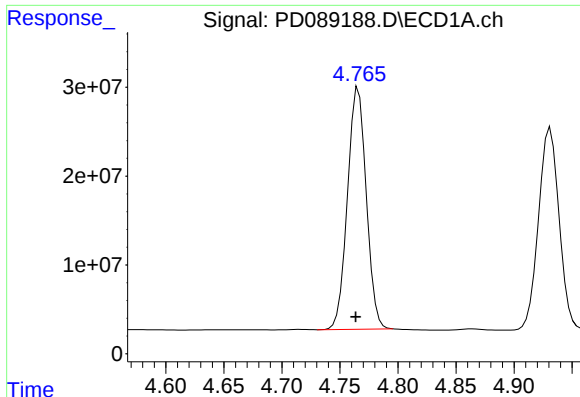
#6 beta-BHC

R.T.: 4.518 min  
Delta R.T.: 0.002 min  
Response: 121460907  
Conc: 55.03 ng/ml



#6 beta-BHC

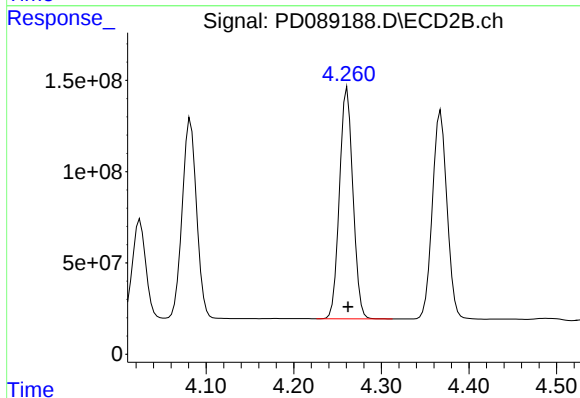
R.T.: 4.025 min  
Delta R.T.: 0.000 min  
Response: 572219576  
Conc: 53.25 ng/ml



#7 delta-BHC

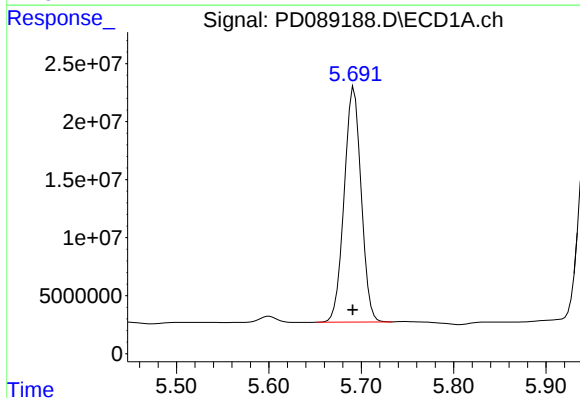
R.T.: 4.766 min  
Delta R.T.: 0.002 min  
Response: 306984470  
Conc: 59.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



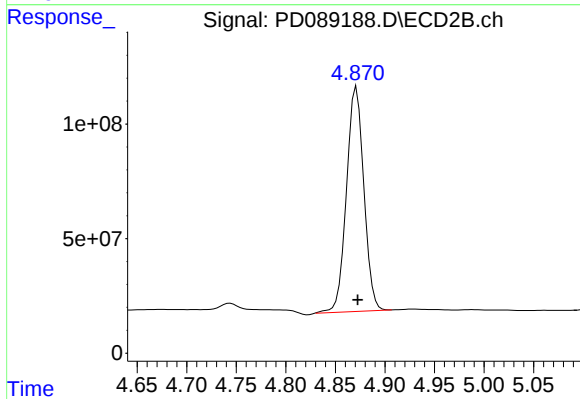
#7 delta-BHC

R.T.: 4.261 min  
Delta R.T.: 0.000 min  
Response: 1351524593  
Conc: 54.34 ng/ml



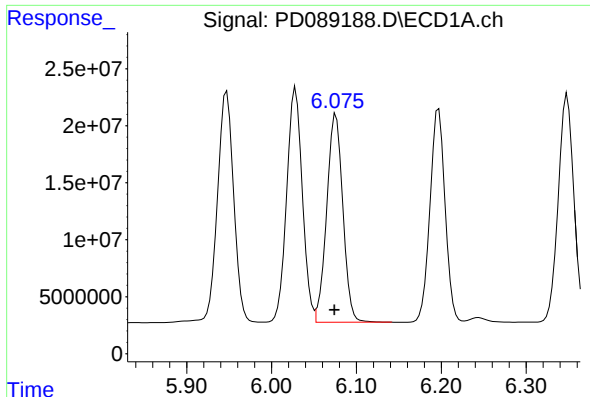
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: 0.001 min  
Response: 258713962  
Conc: 53.63 ng/ml



#8 Heptachlor epoxide

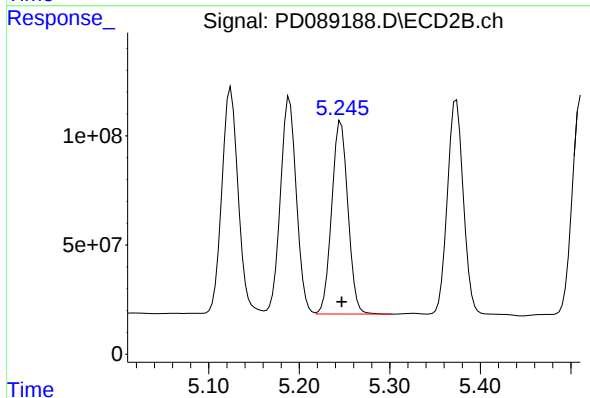
R.T.: 4.871 min  
Delta R.T.: -0.001 min  
Response: 1193776259  
Conc: 54.52 ng/ml



#9 Endosulfan I

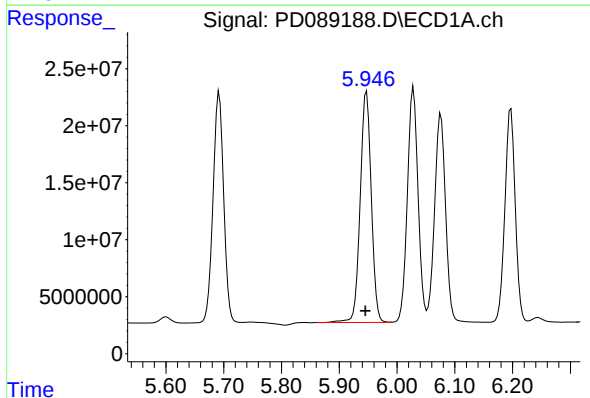
R.T.: 6.076 min  
Delta R.T.: 0.002 min  
Response: 241854371  
Conc: 53.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



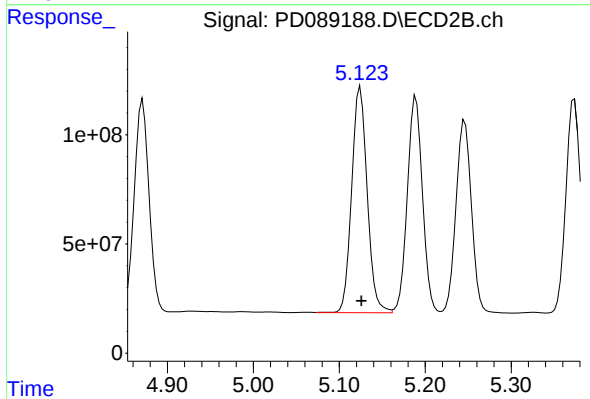
#9 Endosulfan I

R.T.: 5.246 min  
Delta R.T.: -0.001 min  
Response: 1103040356  
Conc: 52.92 ng/ml



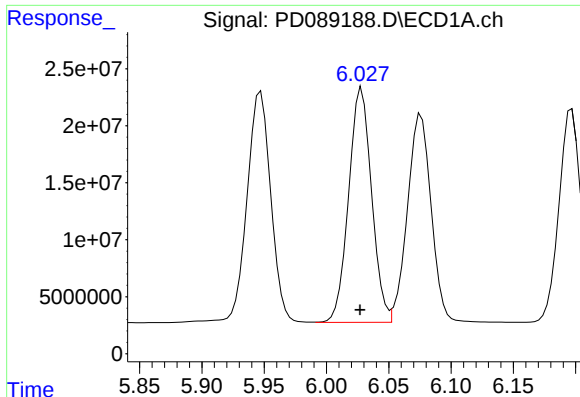
#10 gamma-Chlordane

R.T.: 5.947 min  
Delta R.T.: 0.002 min  
Response: 270990182  
Conc: 56.60 ng/ml



#10 gamma-Chlordane

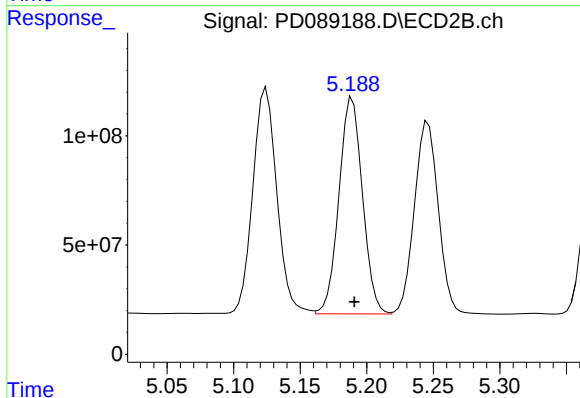
R.T.: 5.125 min  
Delta R.T.: -0.001 min  
Response: 1303436512  
Conc: 54.49 ng/ml



#11 alpha-Chlordane

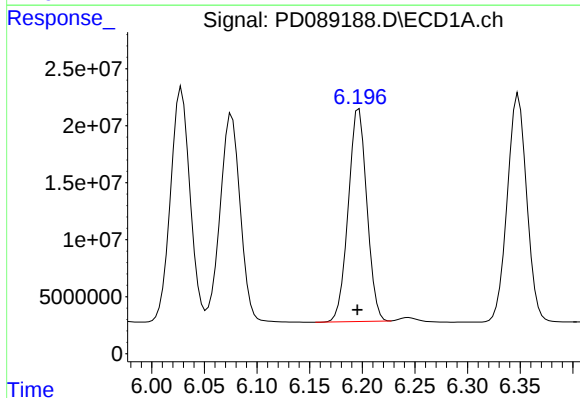
R.T.: 6.028 min  
Delta R.T.: 0.001 min  
Response: 264859370  
Conc: 54.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



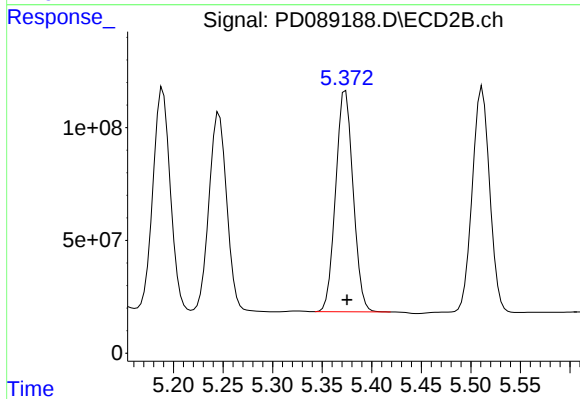
#11 alpha-Chlordane

R.T.: 5.189 min  
Delta R.T.: -0.001 min  
Response: 1220712371  
Conc: 53.31 ng/ml



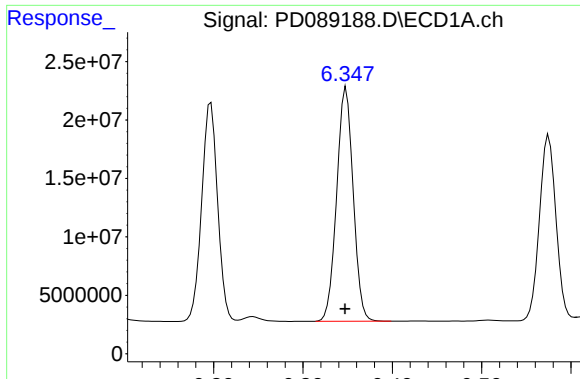
#12 4,4'-DDE

R.T.: 6.197 min  
Delta R.T.: 0.002 min  
Response: 230103959  
Conc: 52.76 ng/ml



#12 4,4'-DDE

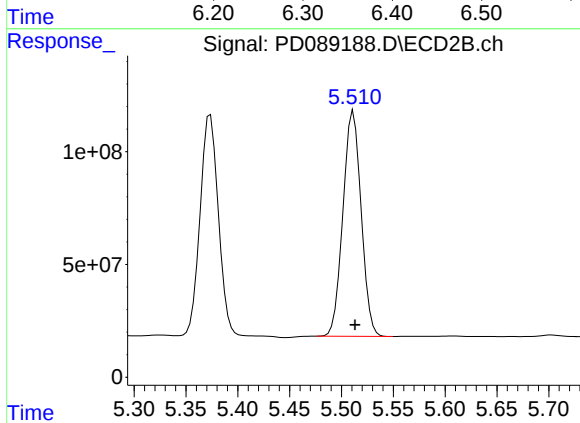
R.T.: 5.374 min  
Delta R.T.: -0.001 min  
Response: 1201969865  
Conc: 52.45 ng/ml



#13 Dieldrin

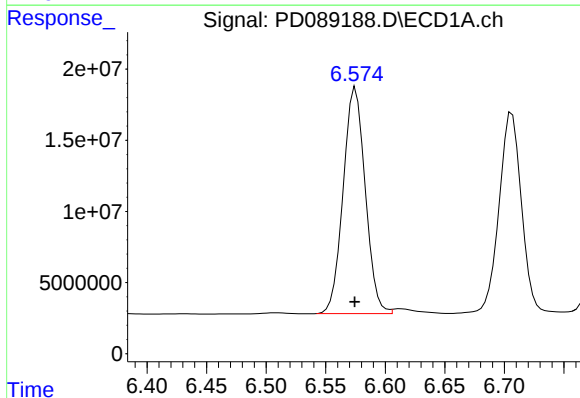
R.T.: 6.348 min  
Delta R.T.: 0.001 min  
Response: 256711649  
Conc: 53.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



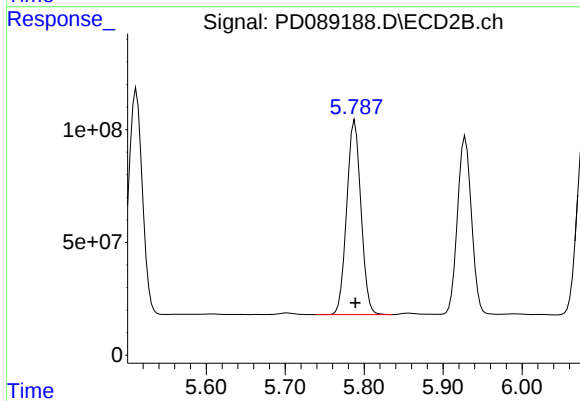
#13 Dieldrin

R.T.: 5.512 min  
Delta R.T.: -0.002 min  
Response: 1221716744  
Conc: 52.64 ng/ml



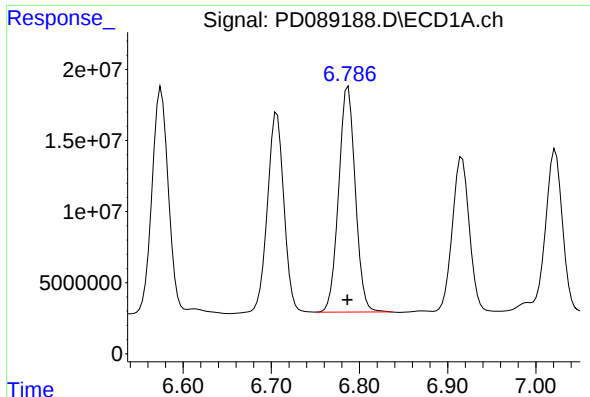
#14 Endrin

R.T.: 6.575 min  
Delta R.T.: 0.000 min  
Response: 205204056  
Conc: 49.74 ng/ml



#14 Endrin

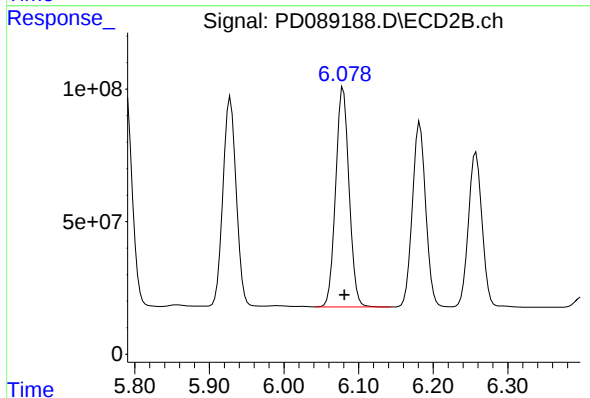
R.T.: 5.788 min  
Delta R.T.: 0.000 min  
Response: 1082423909  
Conc: 49.85 ng/ml



#15 Endosulfan II

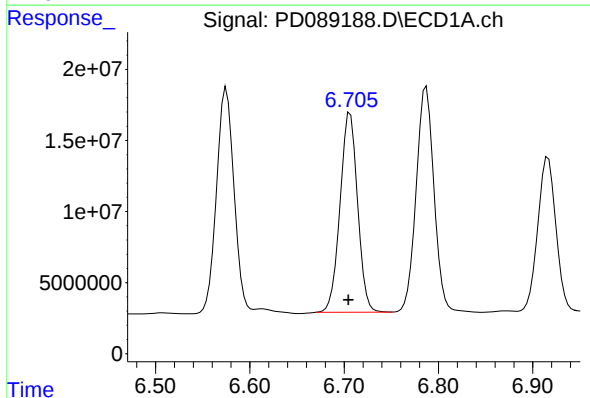
R.T.: 6.787 min  
Delta R.T.: 0.000 min  
Response: 208126273  
Conc: 51.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



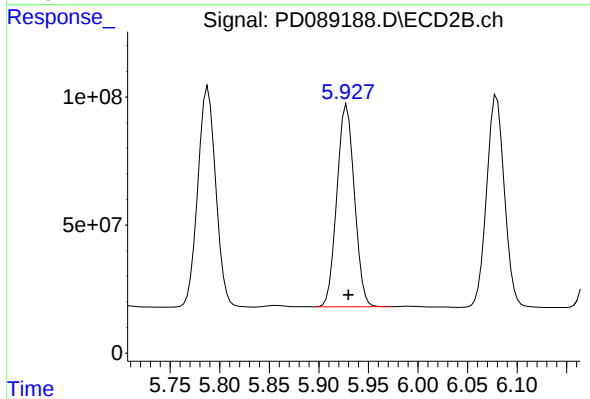
#15 Endosulfan II

R.T.: 6.079 min  
Delta R.T.: -0.002 min  
Response: 1036765025  
Conc: 51.33 ng/ml



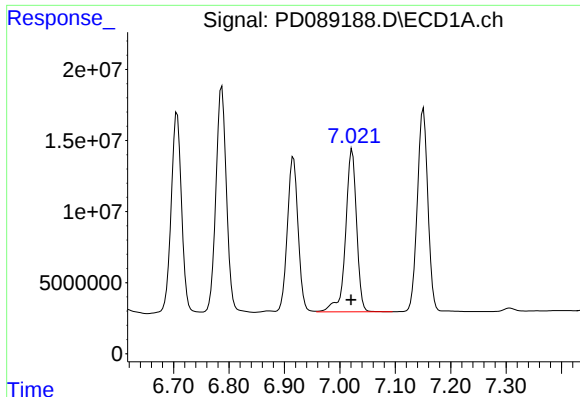
#16 4,4'-DDD

R.T.: 6.706 min  
Delta R.T.: 0.002 min  
Response: 181628834  
Conc: 52.92 ng/ml



#16 4,4'-DDD

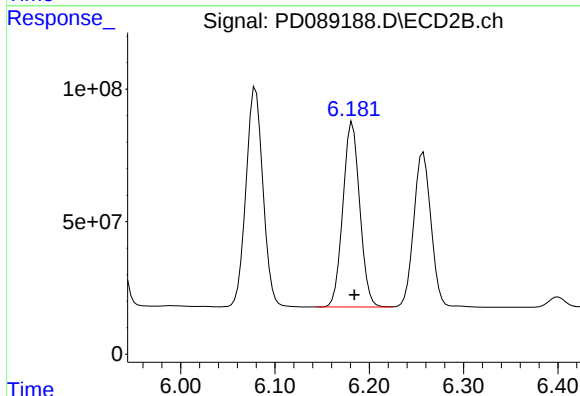
R.T.: 5.928 min  
Delta R.T.: -0.002 min  
Response: 970419530  
Conc: 50.73 ng/ml



#17 4,4'-DDT

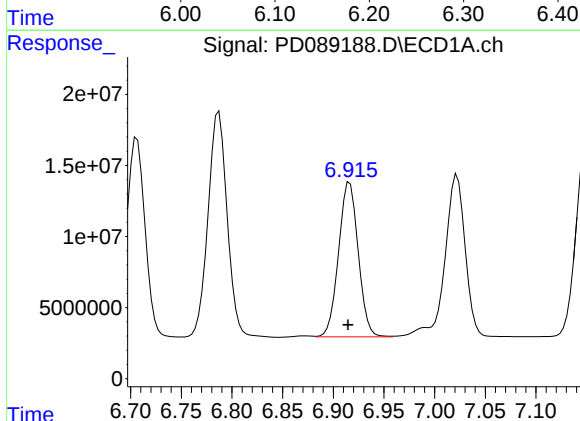
R.T.: 7.022 min  
Delta R.T.: 0.002 min  
Response: 158611688  
Conc: 41.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



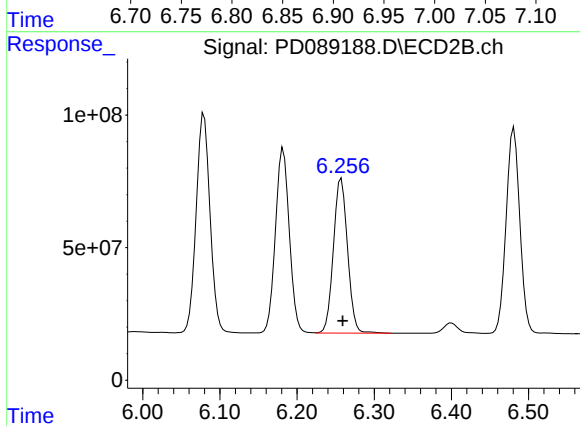
#17 4,4'-DDT

R.T.: 6.182 min  
Delta R.T.: -0.002 min  
Response: 868861493  
Conc: 42.84 ng/ml



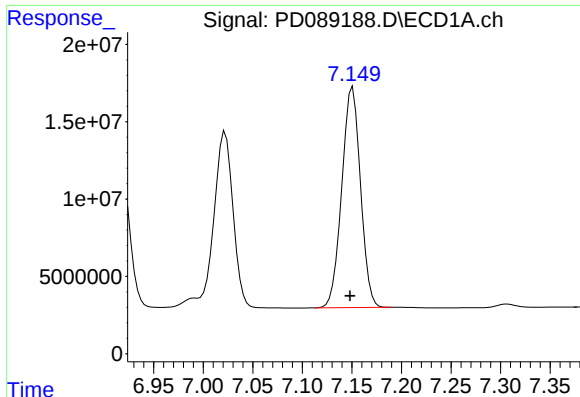
#18 Endrin aldehyde

R.T.: 6.916 min  
Delta R.T.: 0.002 min  
Response: 146390752  
Conc: 47.78 ng/ml



#18 Endrin aldehyde

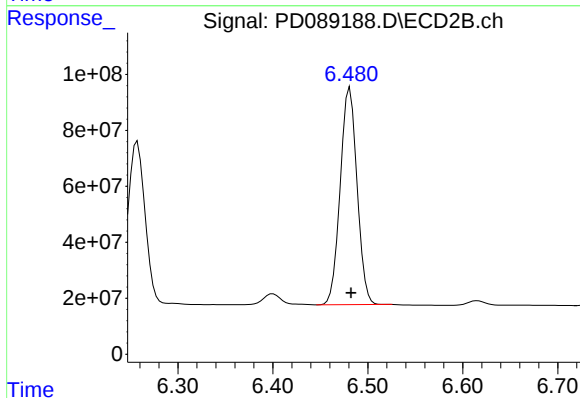
R.T.: 6.257 min  
Delta R.T.: -0.002 min  
Response: 744677099  
Conc: 48.64 ng/ml



#19 Endosulfan Sulfate

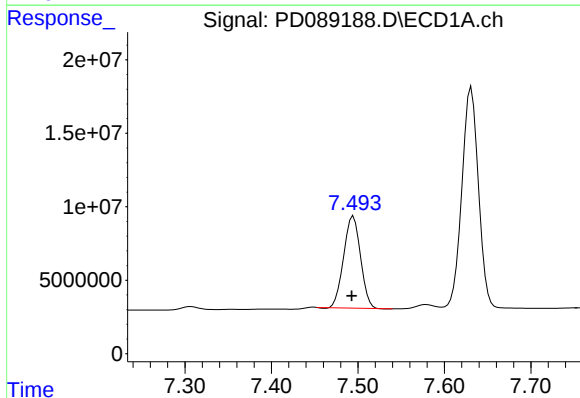
R.T.: 7.151 min  
Delta R.T.: 0.003 min  
Response: 187181755  
Conc: 48.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



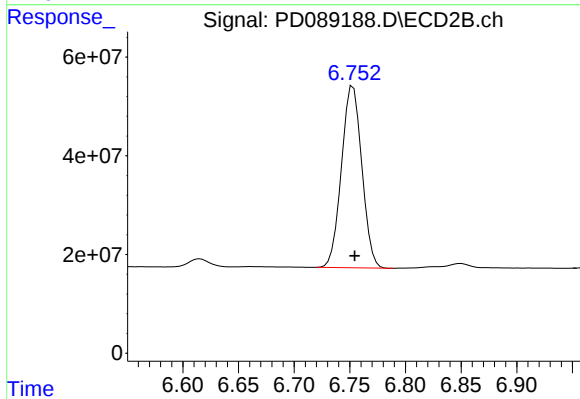
#19 Endosulfan Sulfate

R.T.: 6.481 min  
Delta R.T.: -0.001 min  
Response: 956890673  
Conc: 48.77 ng/ml



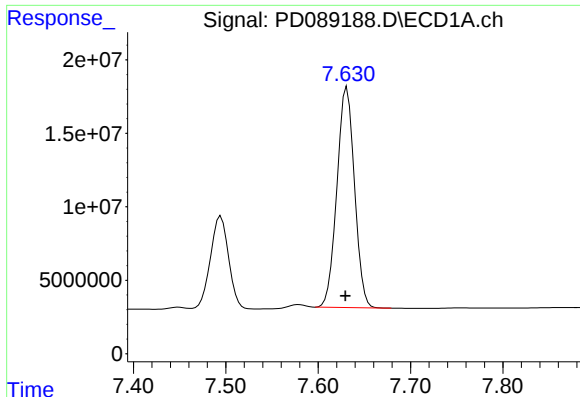
#20 Methoxychlor

R.T.: 7.495 min  
Delta R.T.: 0.002 min  
Response: 84285924  
Conc: 41.71 ng/ml



#20 Methoxychlor

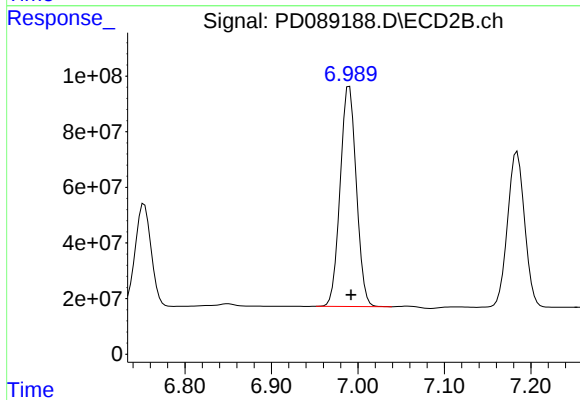
R.T.: 6.753 min  
Delta R.T.: -0.002 min  
Response: 469598098  
Conc: 43.61 ng/ml



#21 Endrin ketone

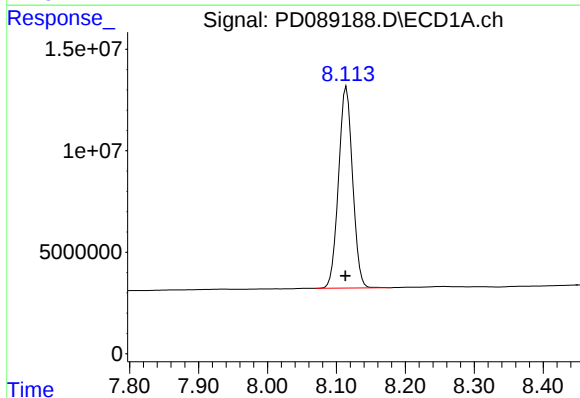
R.T.: 7.631 min  
Delta R.T.: 0.002 min  
Response: 198375191  
Conc: 48.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



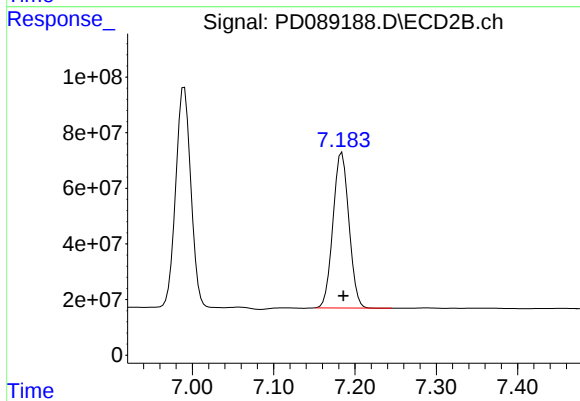
#21 Endrin ketone

R.T.: 6.990 min  
Delta R.T.: -0.002 min  
Response: 1021072037  
Conc: 47.27 ng/ml



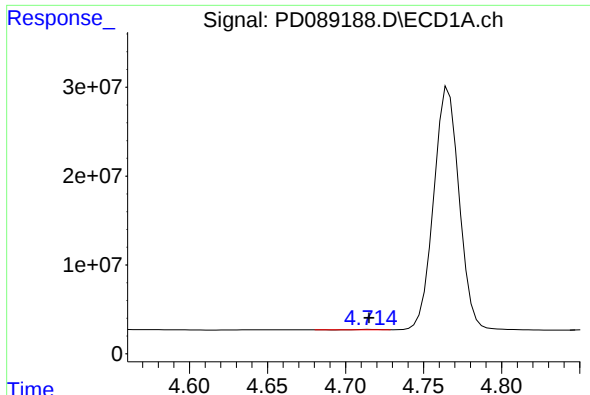
#22 Mirex

R.T.: 8.115 min  
Delta R.T.: 0.001 min  
Response: 140543366  
Conc: 46.23 ng/ml



#22 Mirex

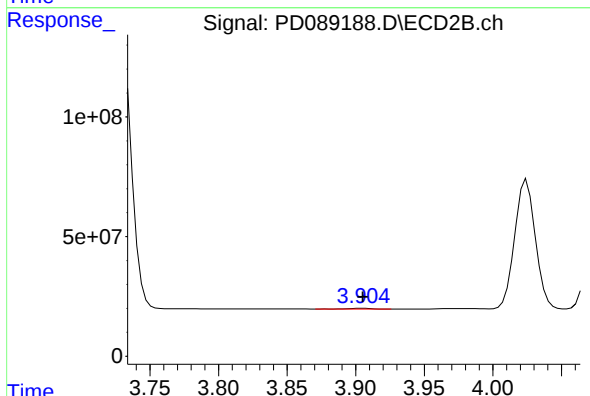
R.T.: 7.184 min  
Delta R.T.: -0.002 min  
Response: 762735270  
Conc: 45.73 ng/ml



#23 Chlordane-1

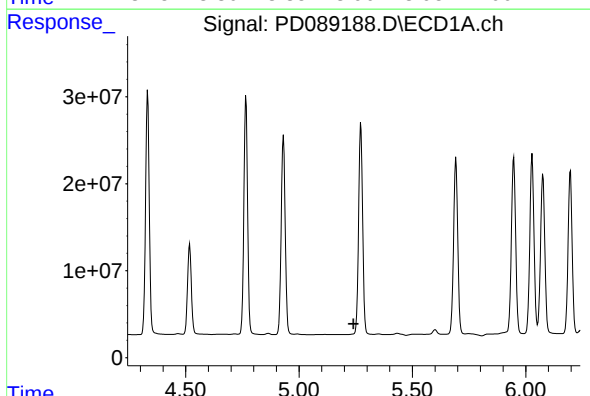
R.T.: 4.716 min  
Delta R.T.: 0.001 min  
Response: 332981  
Conc: 1.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



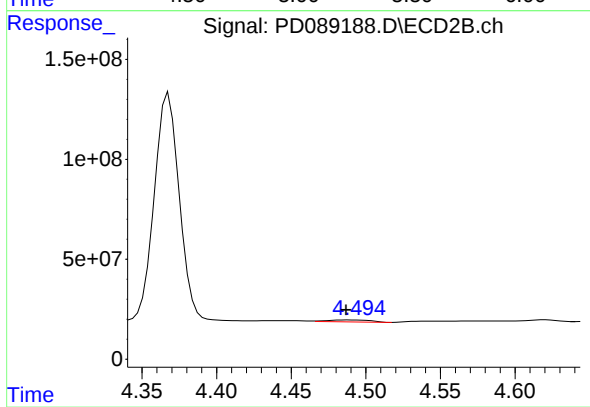
#23 Chlordane-1

R.T.: 3.905 min  
Delta R.T.: 0.000 min  
Response: 3797258  
Conc: 4.07 ng/ml



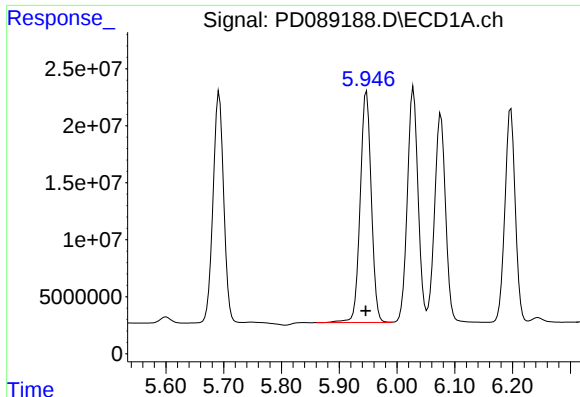
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.241 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

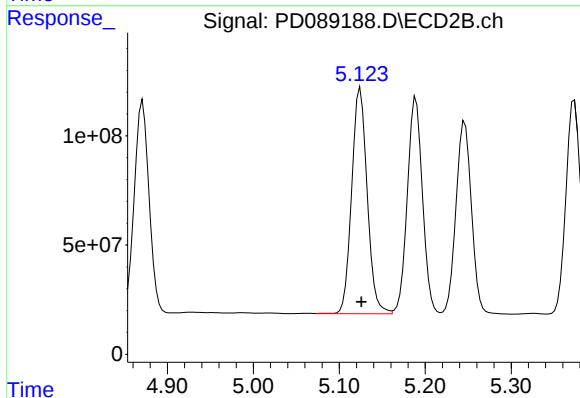
R.T.: 4.488 min  
Delta R.T.: 0.001 min  
Response: 19655855  
Conc: 20.66 ng/ml



#25 Chlordane-3

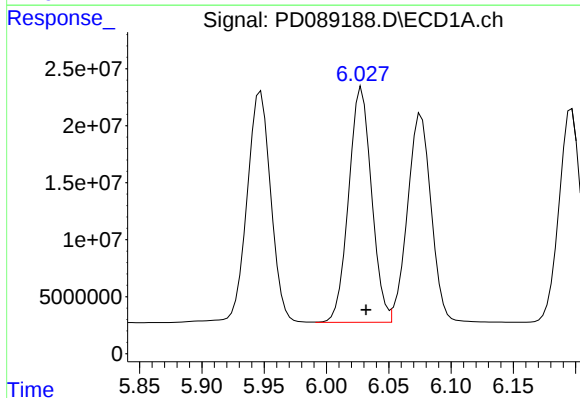
R.T.: 5.947 min  
Delta R.T.: 0.001 min  
Response: 270990182  
Conc: 314.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



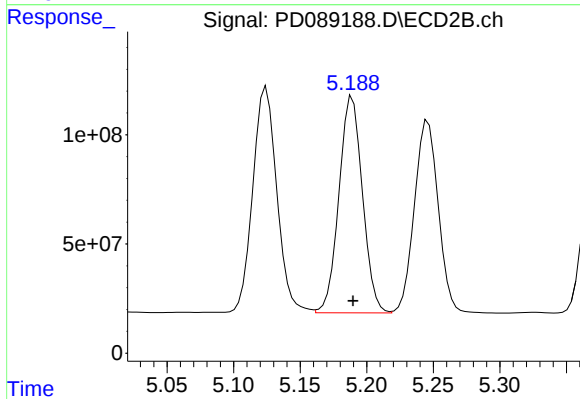
#25 Chlordane-3

R.T.: 5.125 min  
Delta R.T.: -0.001 min  
Response: 1303436512  
Conc: 438.84 ng/ml



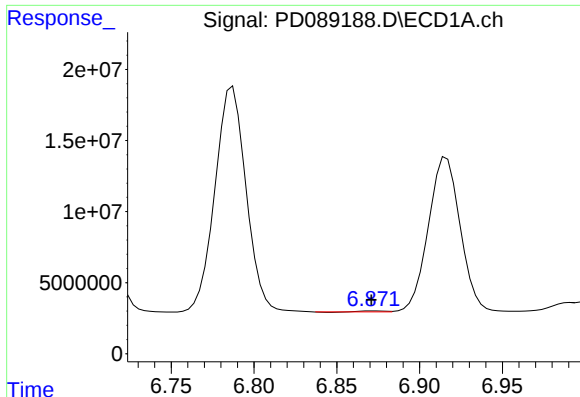
#26 Chlordane-4

R.T.: 6.028 min  
Delta R.T.: -0.004 min  
Response: 264859370  
Conc: 252.08 ng/ml



#26 Chlordane-4

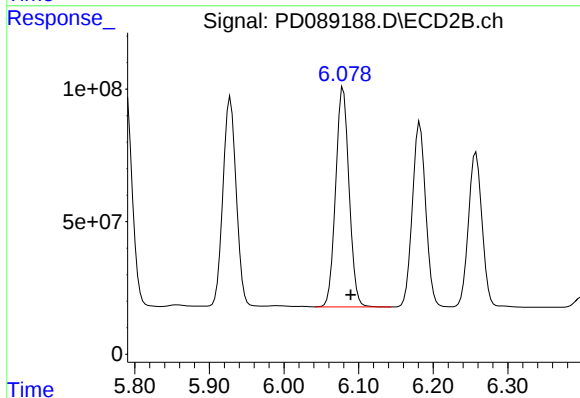
R.T.: 5.189 min  
Delta R.T.: 0.000 min  
Response: 1220712371  
Conc: 486.98 ng/ml



#27 Chlordane-5

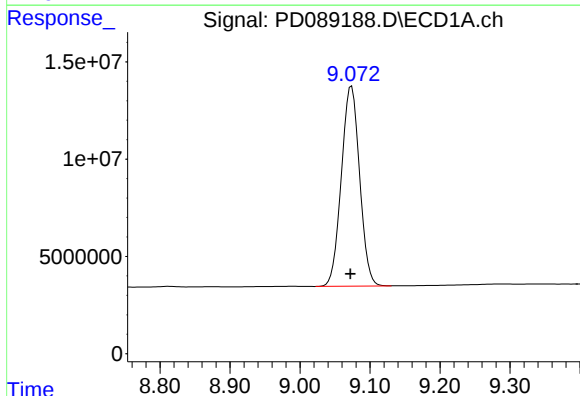
R.T.: 6.872 min  
Delta R.T.: 0.001 min  
Response: 554059  
Conc: 3.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



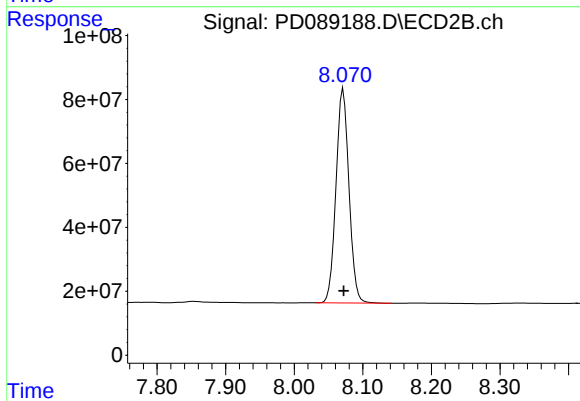
#27 Chlordane-5

R.T.: 6.079 min  
Delta R.T.: -0.010 min  
Response: 1036765025  
Conc: 916.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min  
Delta R.T.: 0.002 min  
Response: 186406408  
Conc: 47.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min  
Delta R.T.: 0.000 min  
Response: 882446915  
Conc: 44.64 ng/ml