

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072425\  
 Data File : PD089608.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jul 2025 17:48  
 Operator : AR\AJ  
 Sample : PB168972BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB168972BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 24 02:12:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 22 04:39:29 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... | 3.548  | 2.878  | 46815407 | 362.7E6  | 16.248   | 18.535    |
| 28)                         | SA Decachlor... | 9.067  | 8.068  | 78178730 | 464.5E6  | 19.035   | 18.907    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.997  | 3.390  | 233.6E6  | 1267.5E6 | 40.917   | 42.188    |
| 3)                          | MA gamma-BHC... | 4.328  | 3.727  | 224.6E6  | 1179.0E6 | 40.699   | 42.469    |
| 4)                          | MA Heptachlor   | 4.926  | 4.079  | 224.0E6  | 1184.6E6 | 41.073   | 42.280    |
| 5)                          | MB Aldrin       | 5.268  | 4.365  | 216.4E6  | 1165.2E6 | 41.349   | 42.548    |
| 6)                          | B beta-BHC      | 4.513  | 4.022  | 87009563 | 506.9E6  | 40.354   | 42.587    |
| 7)                          | B delta-BHC     | 4.762  | 4.259  | 220.8E6  | 1193.0E6 | 41.773   | 42.764    |
| 8)                          | B Heptachlo...  | 5.688  | 4.869  | 194.6E6  | 1052.4E6 | 41.189   | 42.332    |
| 9)                          | A Endosulfan I  | 6.071  | 5.243  | 184.5E6  | 1004.2E6 | 41.512   | 42.287    |
| 10)                         | B gamma-Chl...  | 5.942  | 5.121  | 196.3E6  | 1128.6E6 | 41.397   | 42.185    |
| 11)                         | B alpha-Chl...  | 6.023  | 5.186  | 196.6E6  | 1086.3E6 | 41.235   | 42.116    |
| 12)                         | B 4,4'-DDE      | 6.192  | 5.371  | 176.7E6  | 1105.7E6 | 41.150   | 42.111    |
| 13)                         | MA Dieldrin     | 6.343  | 5.508  | 196.2E6  | 1118.5E6 | 41.572   | 42.324    |
| 14)                         | MA Endrin       | 6.571  | 5.785  | 161.8E6  | 1001.4E6 | 39.721   | 41.412    |
| 15)                         | B Endosulfa...  | 6.783  | 6.076  | 164.7E6  | 970.6E6  | 40.472   | 42.258    |
| 16)                         | A 4,4'-DDD      | 6.702  | 5.925  | 140.6E6  | 938.1E6  | 41.501   | 42.792    |
| 17)                         | MA 4,4'-DDT     | 7.018  | 6.179  | 153.8E6  | 969.0E6  | 40.759   | 41.399    |
| 18)                         | B Endrin al...  | 6.911  | 6.255  | 126.2E6  | 732.5E6  | 43.295   | 44.131    |
| 19)                         | B Endosulfa...  | 7.146  | 6.478  | 157.6E6  | 939.4E6  | 41.745   | 42.318    |
| 20)                         | A Methoxychlor  | 7.490  | 6.750  | 80447307 | 499.1E6  | 40.125   | 40.936    |
| 21)                         | B Endrin ke...  | 7.626  | 6.987  | 171.6E6  | 1051.4E6 | 42.635   | 42.933    |
| 22)                         | Mirex           | 8.109  | 7.180  | 126.2E6  | 802.7E6  | 41.020   | 41.528    |
| 23)                         | Chlordane-1     | 0.000  | 3.882f | 0        | 141799   | N.D.     | 0.153 #   |
| 24)                         | Chlordane-2     | 5.268f | 4.503  | 216.4E6  | 5688769  | 1076.027 | 5.803 #   |
| 25)                         | Chlordane-3     | 5.942  | 5.121  | 196.3E6  | 1128.6E6 | 251.872  | 390.907 # |
| 26)                         | Chlordane-4     | 6.023  | 5.186  | 196.6E6  | 1086.3E6 | 207.065  | 450.325 # |
| 27)                         | Chlordane-5     | 0.000  | 6.076  | 0        | 970.6E6  | N.D.     | 830.665 # |
| -----                       |                 |        |        |          |          |          |           |

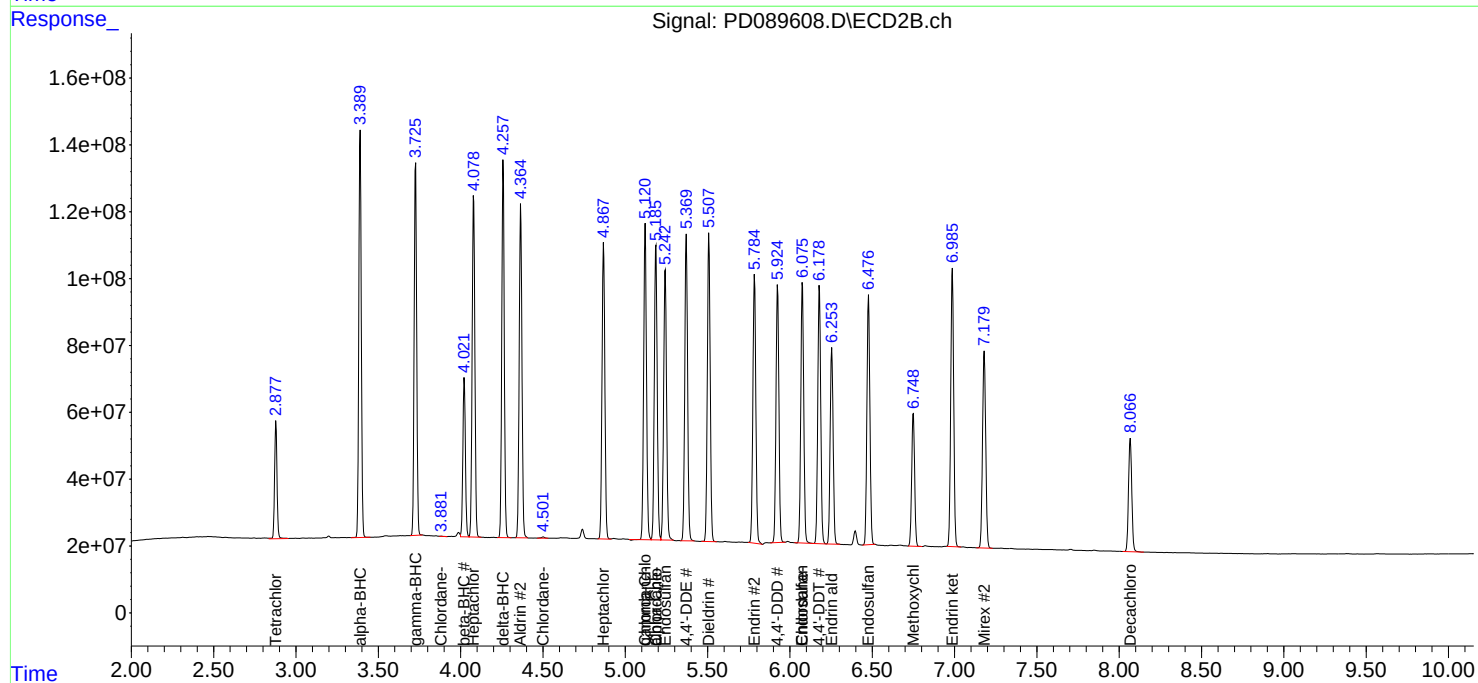
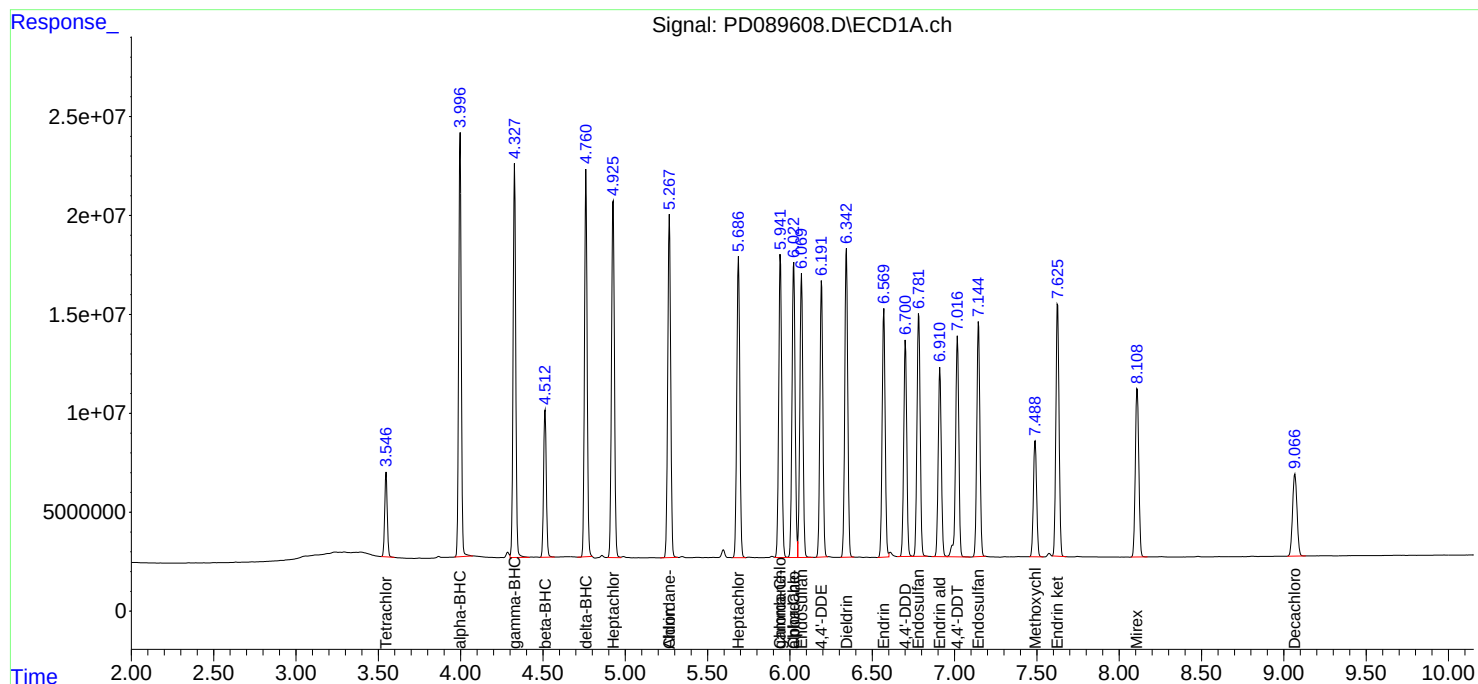
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

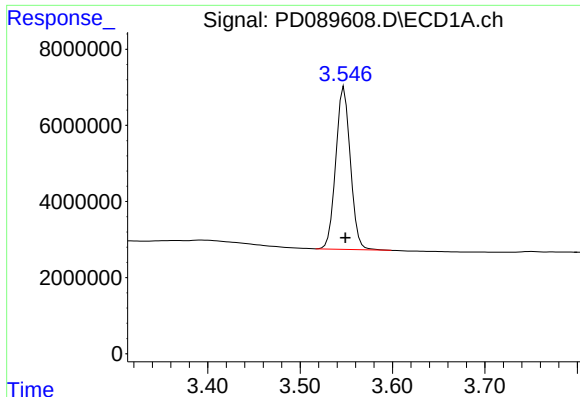
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072425\  
Data File : PD089608.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jul 2025 17:48  
Operator : AR\AJ  
Sample : PB168972BS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB168972BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 24 02:12:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 22 04:39:29 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

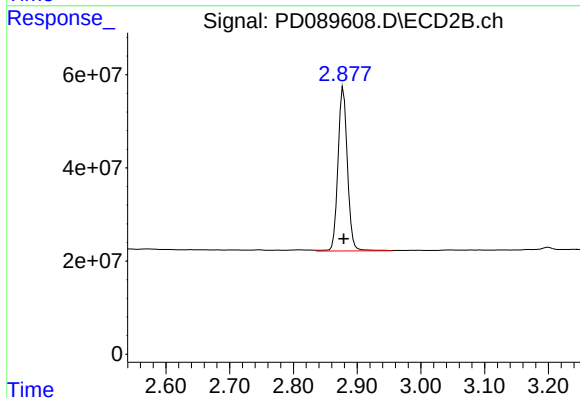




#1 Tetrachloro-m-xylene

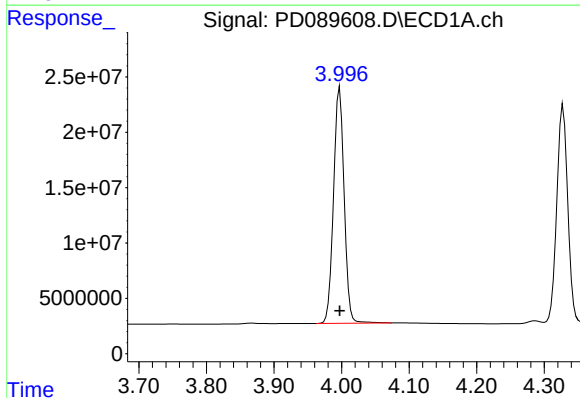
R.T.: 3.548 min  
Delta R.T.: -0.001 min  
Response: 46815407  
Conc: 16.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168972BS



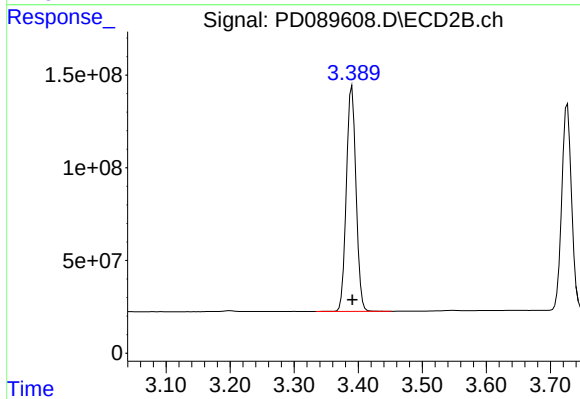
#1 Tetrachloro-m-xylene

R.T.: 2.878 min  
Delta R.T.: 0.000 min  
Response: 362652752  
Conc: 18.53 ng/ml



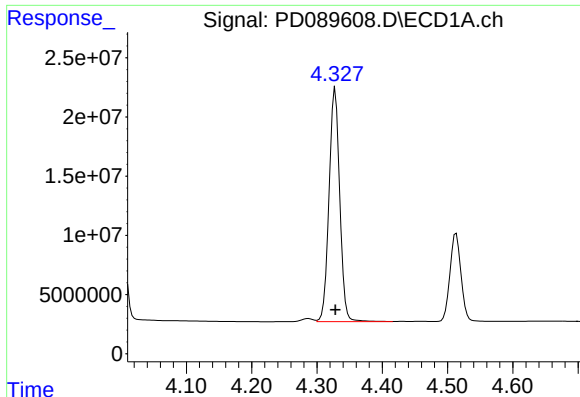
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.000 min  
Response: 233620705  
Conc: 40.92 ng/ml



#2 alpha-BHC

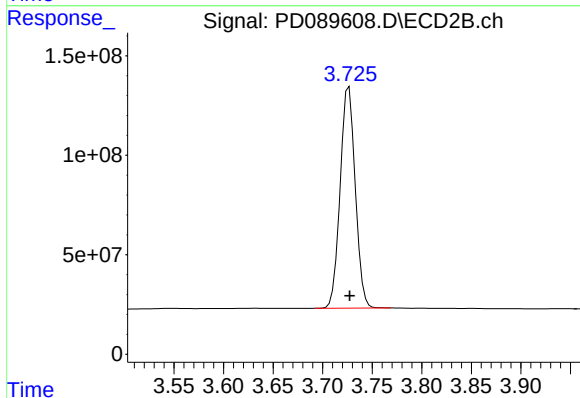
R.T.: 3.390 min  
Delta R.T.: 0.000 min  
Response: 1267513975  
Conc: 42.19 ng/ml



#3 gamma-BHC (Lindane)

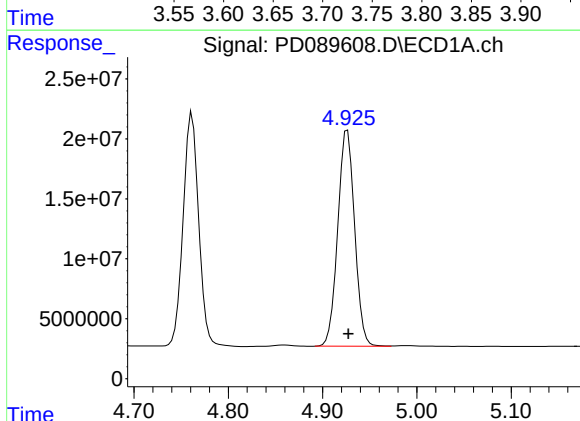
R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 224554771  
Conc: 40.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168972BS



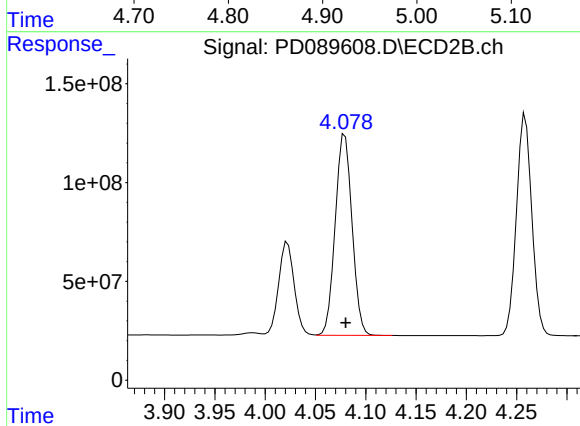
#3 gamma-BHC (Lindane)

R.T.: 3.727 min  
Delta R.T.: 0.000 min  
Response: 1179044880  
Conc: 42.47 ng/ml



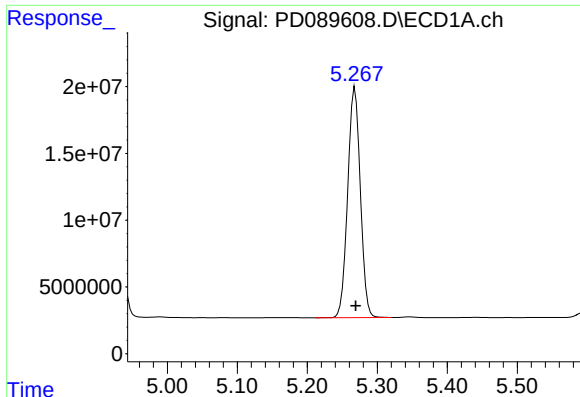
#4 Heptachlor

R.T.: 4.926 min  
Delta R.T.: 0.000 min  
Response: 224005435  
Conc: 41.07 ng/ml



#4 Heptachlor

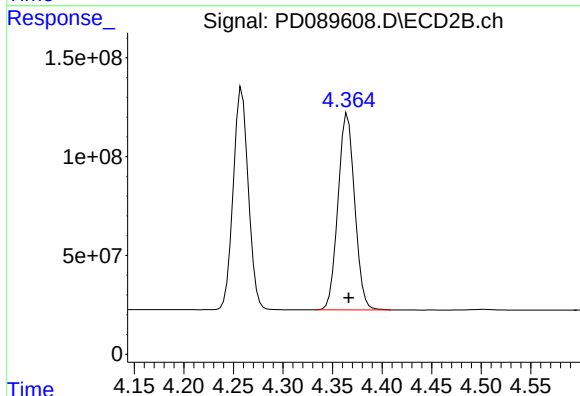
R.T.: 4.079 min  
Delta R.T.: 0.000 min  
Response: 1184620188  
Conc: 42.28 ng/ml



#5 Aldrin

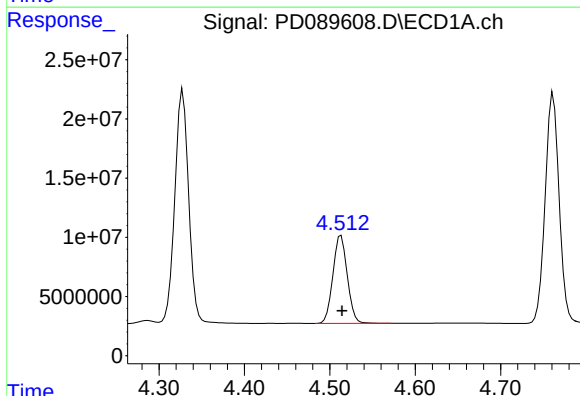
R.T.: 5.268 min  
Delta R.T.: -0.001 min  
Response: 216375993  
Conc: 41.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168972BS



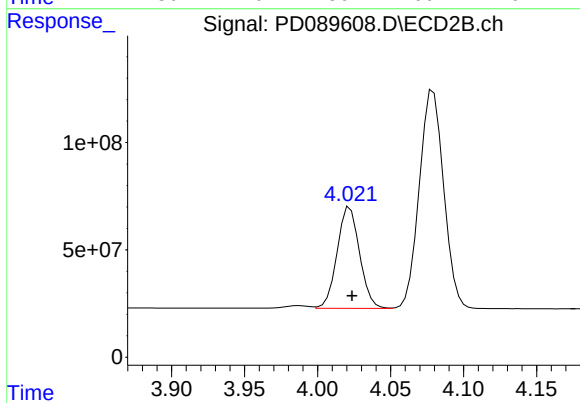
#5 Aldrin

R.T.: 4.365 min  
Delta R.T.: 0.000 min  
Response: 1165226134  
Conc: 42.55 ng/ml



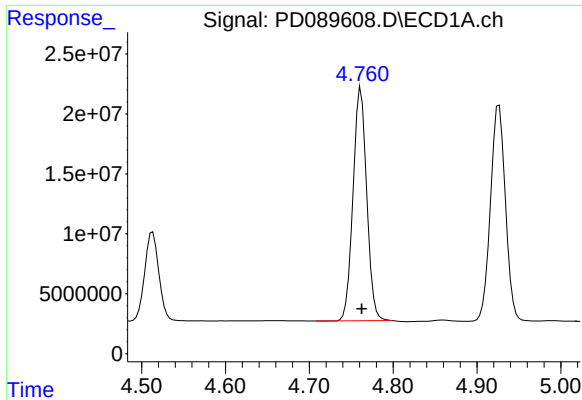
#6 beta-BHC

R.T.: 4.513 min  
Delta R.T.: -0.001 min  
Response: 87009563  
Conc: 40.35 ng/ml



#6 beta-BHC

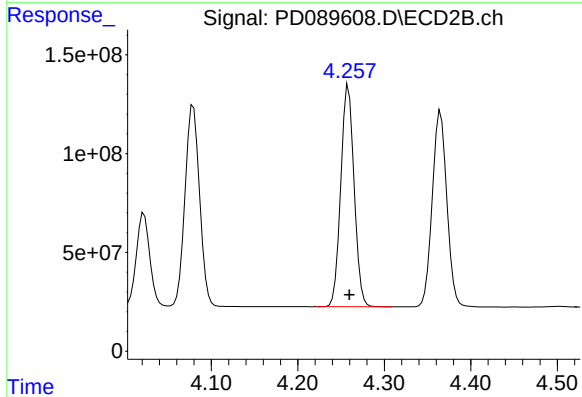
R.T.: 4.022 min  
Delta R.T.: -0.001 min  
Response: 506903329  
Conc: 42.59 ng/ml



#7 delta-BHC

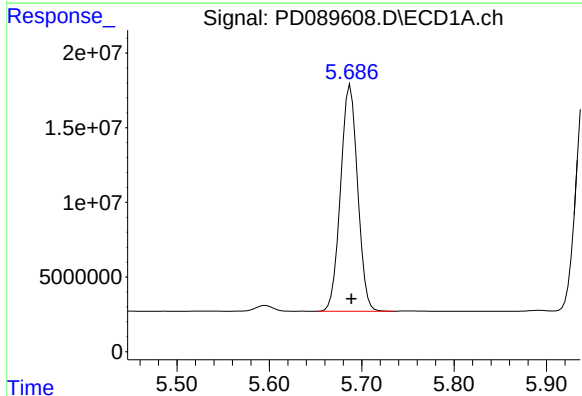
R.T.: 4.762 min  
Delta R.T.: 0.000 min  
Response: 220776472  
Conc: 41.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168972BS



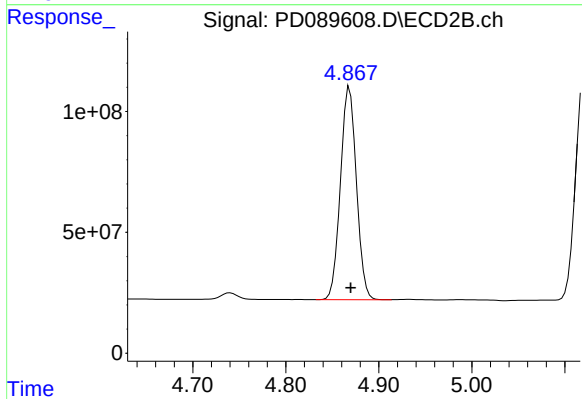
#7 delta-BHC

R.T.: 4.259 min  
Delta R.T.: 0.000 min  
Response: 1192962704  
Conc: 42.76 ng/ml



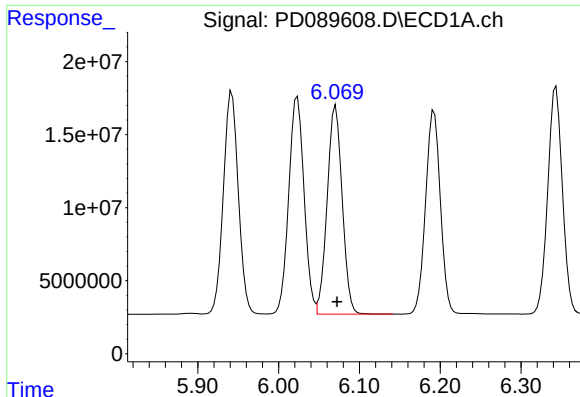
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: -0.001 min  
Response: 194559609  
Conc: 41.19 ng/ml



#8 Heptachlor epoxide

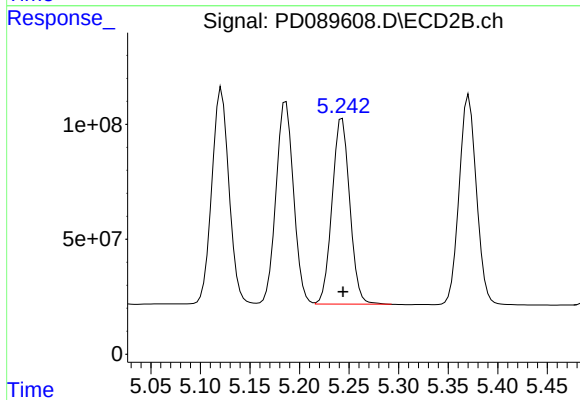
R.T.: 4.869 min  
Delta R.T.: -0.001 min  
Response: 1052432666  
Conc: 42.33 ng/ml



#9 Endosulfan I

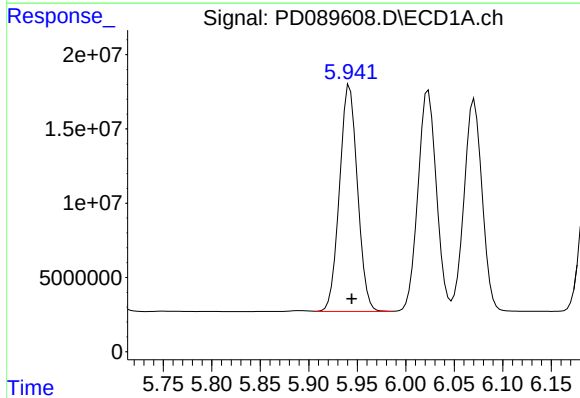
R.T.: 6.071 min  
Delta R.T.: -0.002 min  
Response: 184546960  
Conc: 41.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168972BS



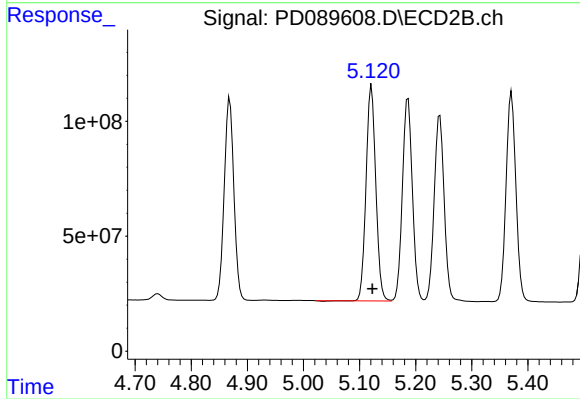
#9 Endosulfan I

R.T.: 5.243 min  
Delta R.T.: -0.001 min  
Response: 1004158107  
Conc: 42.29 ng/ml



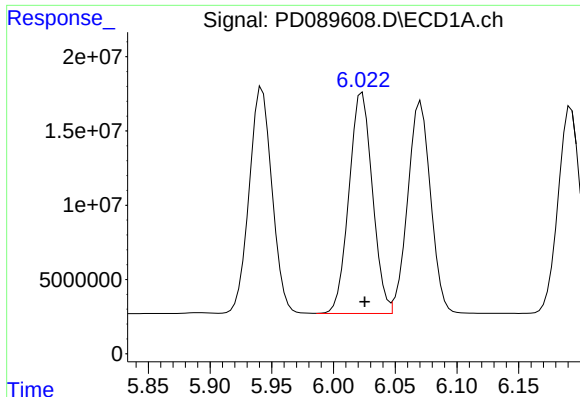
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: -0.002 min  
Response: 196262584  
Conc: 41.40 ng/ml



#10 gamma-Chlordane

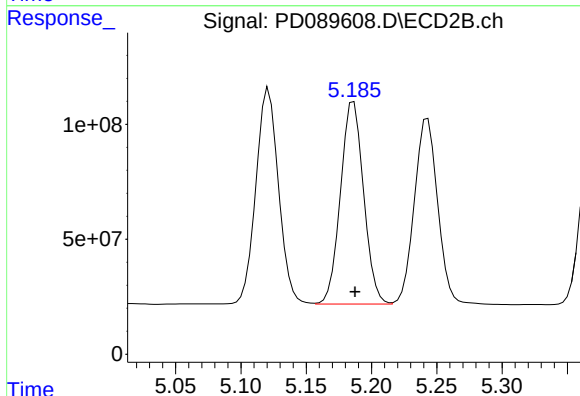
R.T.: 5.121 min  
Delta R.T.: -0.002 min  
Response: 1128550368  
Conc: 42.18 ng/ml



#11 alpha-Chlordane

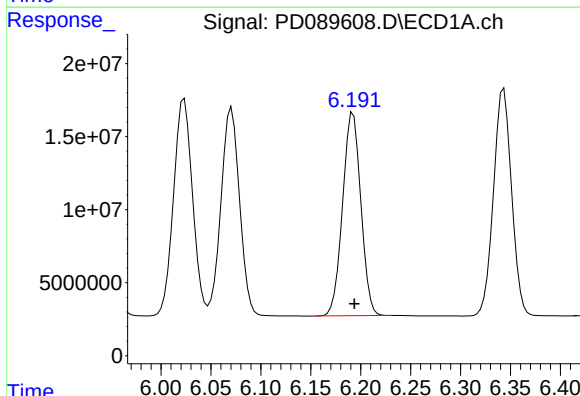
R.T.: 6.023 min  
Delta R.T.: -0.002 min  
Response: 196554536  
Conc: 41.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168972BS



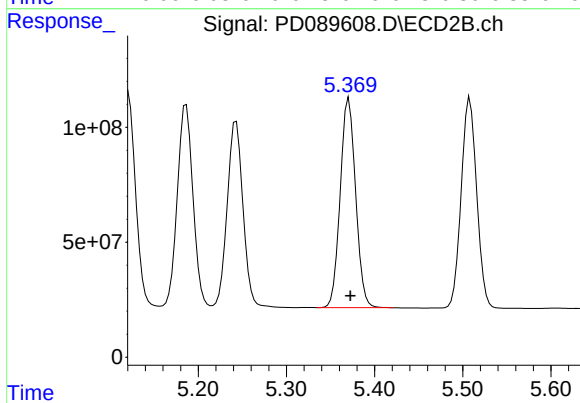
#11 alpha-Chlordane

R.T.: 5.186 min  
Delta R.T.: -0.001 min  
Response: 1086269351  
Conc: 42.12 ng/ml



#12 4,4'-DDE

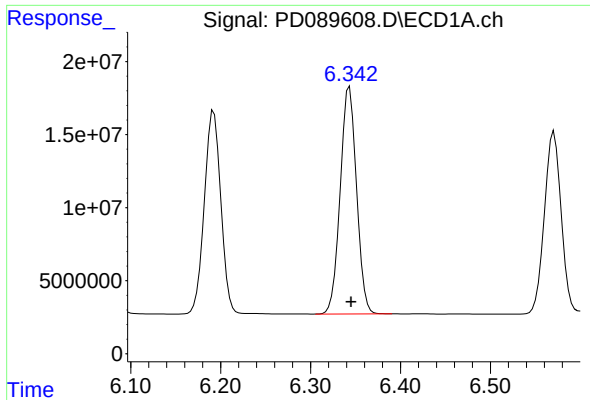
R.T.: 6.192 min  
Delta R.T.: -0.001 min  
Response: 176688803  
Conc: 41.15 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min  
Delta R.T.: -0.002 min  
Response: 1105684911  
Conc: 42.11 ng/ml

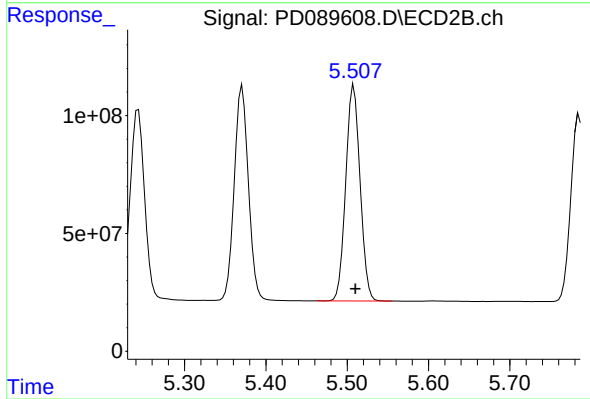




#13 Dieldrin

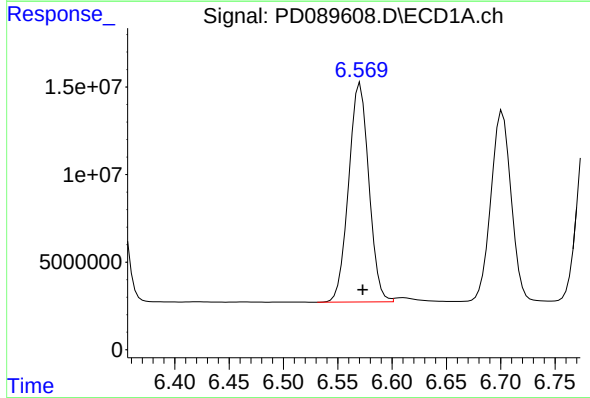
R.T.: 6.343 min  
Delta R.T.: -0.002 min  
Response: 196248511  
Conc: 41.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168972BS



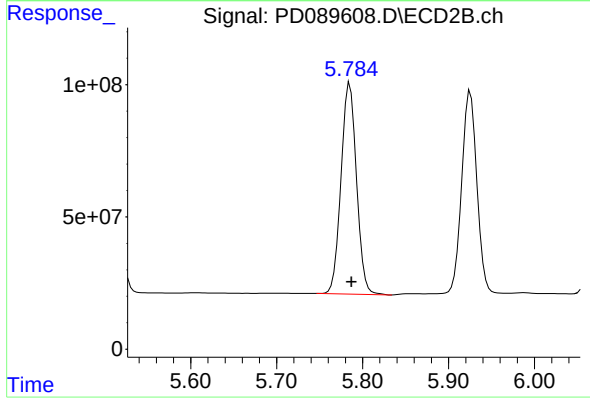
#13 Dieldrin

R.T.: 5.508 min  
Delta R.T.: -0.002 min  
Response: 1118478175  
Conc: 42.32 ng/ml



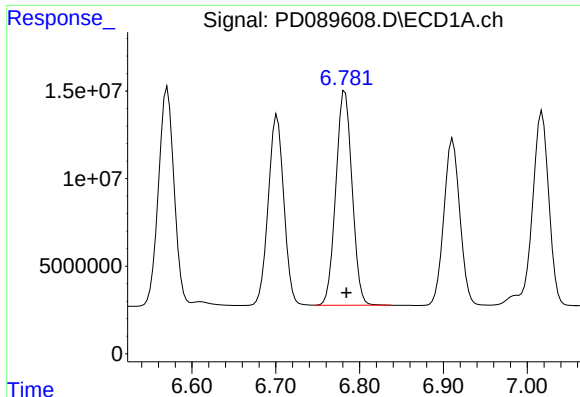
#14 Endrin

R.T.: 6.571 min  
Delta R.T.: -0.002 min  
Response: 161766030  
Conc: 39.72 ng/ml



#14 Endrin

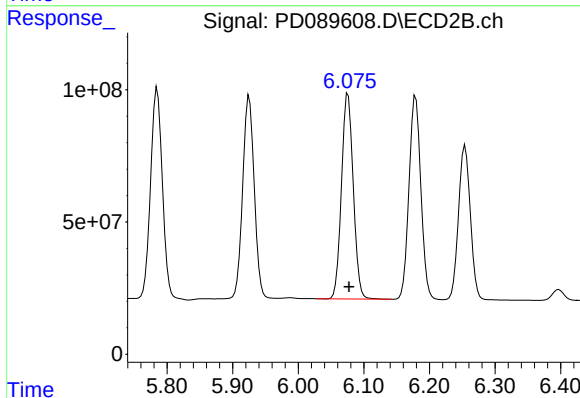
R.T.: 5.785 min  
Delta R.T.: -0.002 min  
Response: 1001402090  
Conc: 41.41 ng/ml



#15 Endosulfan II

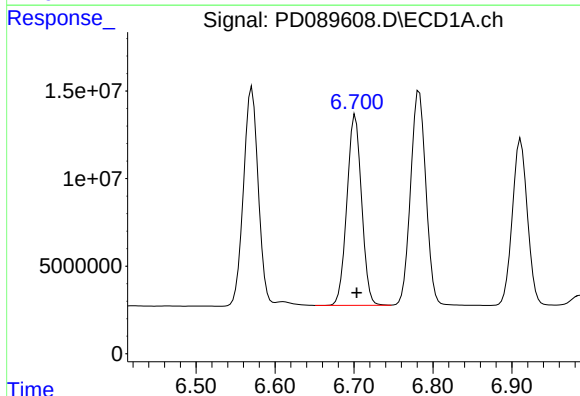
R.T.: 6.783 min  
Delta R.T.: -0.002 min  
Response: 164677204  
Conc: 40.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168972BS



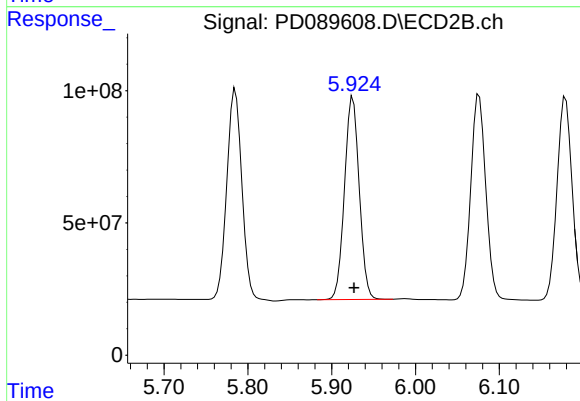
#15 Endosulfan II

R.T.: 6.076 min  
Delta R.T.: -0.002 min  
Response: 970589969  
Conc: 42.26 ng/ml



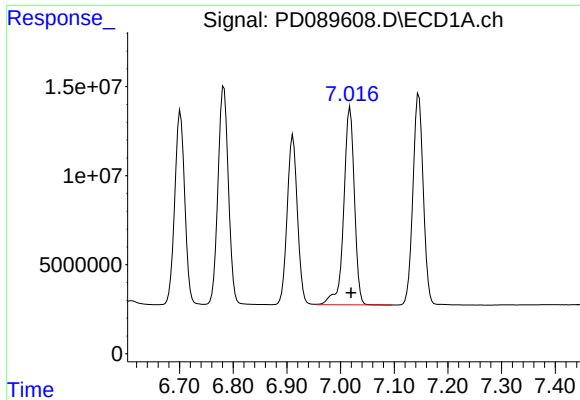
#16 4,4'-DDD

R.T.: 6.702 min  
Delta R.T.: -0.002 min  
Response: 140637511  
Conc: 41.50 ng/ml



#16 4,4'-DDD

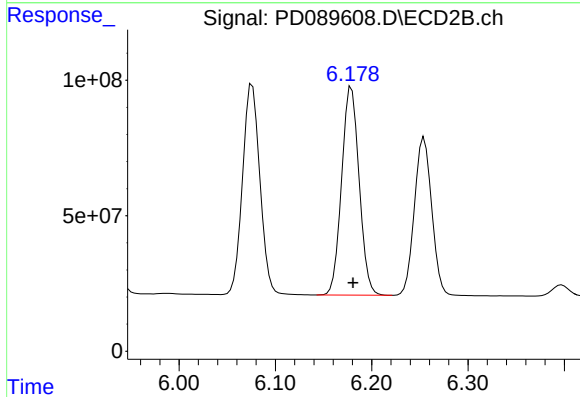
R.T.: 5.925 min  
Delta R.T.: -0.002 min  
Response: 938078238  
Conc: 42.79 ng/ml



#17 4,4'-DDT

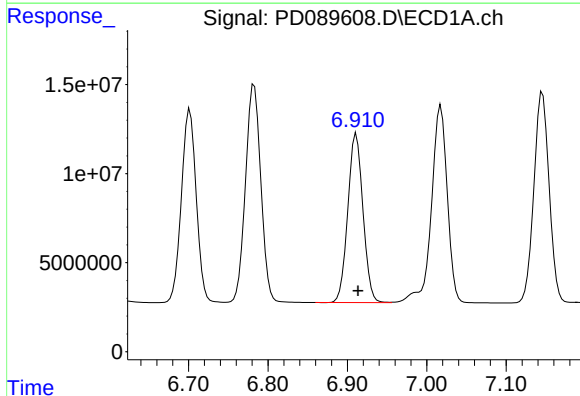
R.T.: 7.018 min  
Delta R.T.: -0.002 min  
Response: 153780751  
Conc: 40.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168972BS



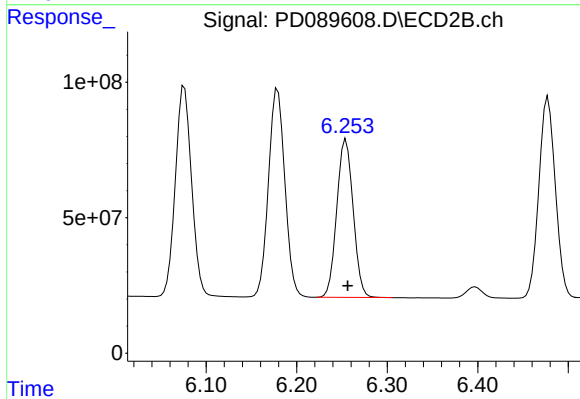
#17 4,4'-DDT

R.T.: 6.179 min  
Delta R.T.: -0.002 min  
Response: 969024139  
Conc: 41.40 ng/ml



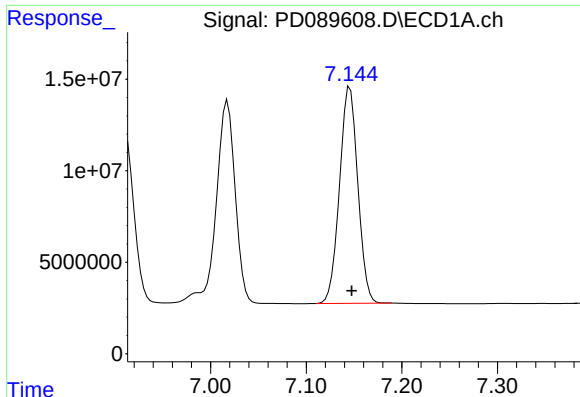
#18 Endrin aldehyde

R.T.: 6.911 min  
Delta R.T.: -0.002 min  
Response: 126230417  
Conc: 43.29 ng/ml



#18 Endrin aldehyde

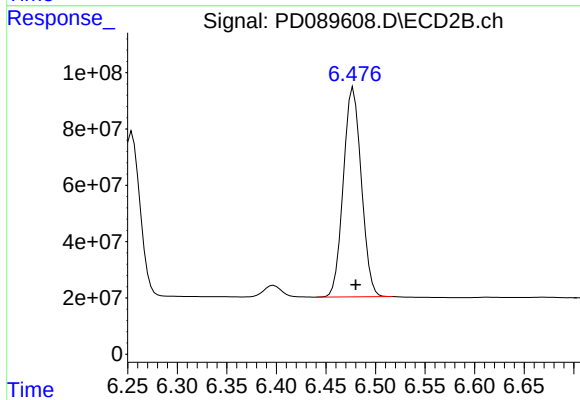
R.T.: 6.255 min  
Delta R.T.: -0.002 min  
Response: 732459045  
Conc: 44.13 ng/ml



#19 Endosulfan Sulfate

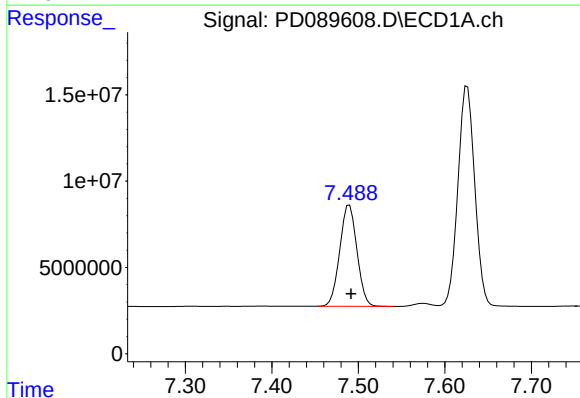
R.T.: 7.146 min  
Delta R.T.: -0.002 min  
Response: 157552757  
Conc: 41.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168972BS



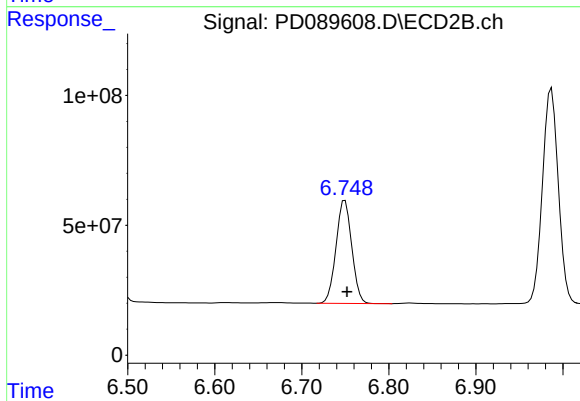
#19 Endosulfan Sulfate

R.T.: 6.478 min  
Delta R.T.: -0.002 min  
Response: 939373889  
Conc: 42.32 ng/ml



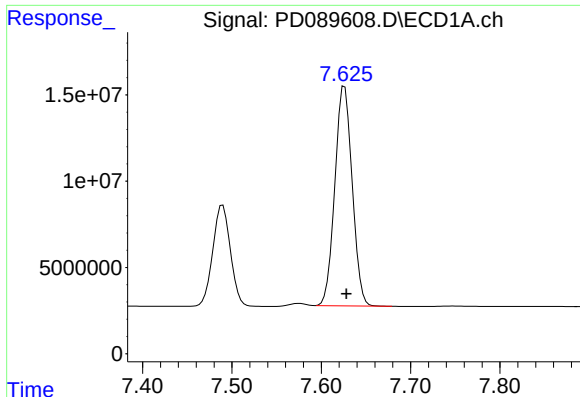
#20 Methoxychlor

R.T.: 7.490 min  
Delta R.T.: -0.002 min  
Response: 80447307  
Conc: 40.13 ng/ml



#20 Methoxychlor

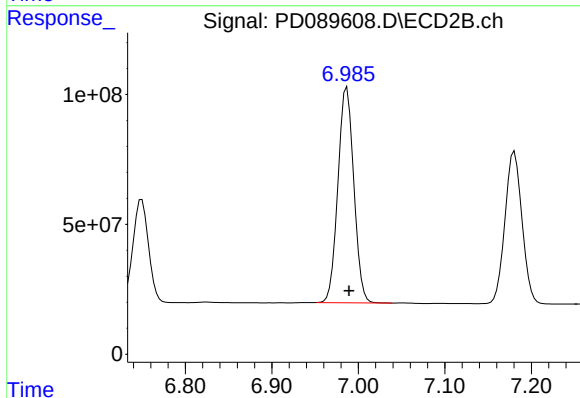
R.T.: 6.750 min  
Delta R.T.: -0.002 min  
Response: 499093465  
Conc: 40.94 ng/ml



#21 Endrin ketone

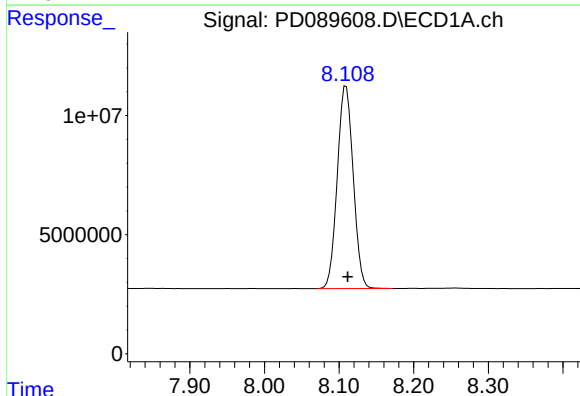
R.T.: 7.626 min  
Delta R.T.: -0.002 min  
Response: 171574557  
Conc: 42.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168972BS



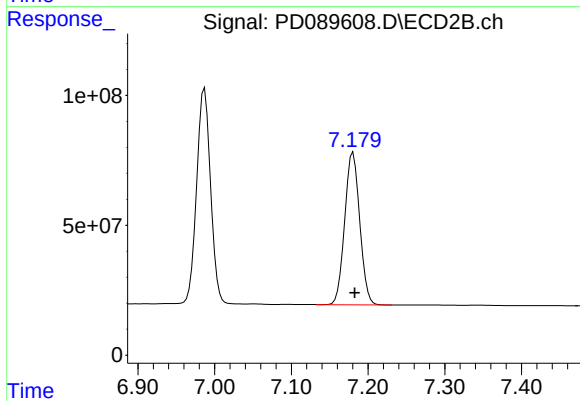
#21 Endrin ketone

R.T.: 6.987 min  
Delta R.T.: -0.002 min  
Response: 1051380784  
Conc: 42.93 ng/ml



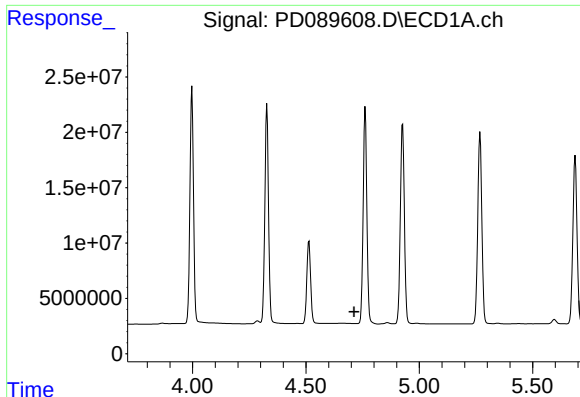
#22 Mirex

R.T.: 8.109 min  
Delta R.T.: -0.002 min  
Response: 126186073  
Conc: 41.02 ng/ml



#22 Mirex

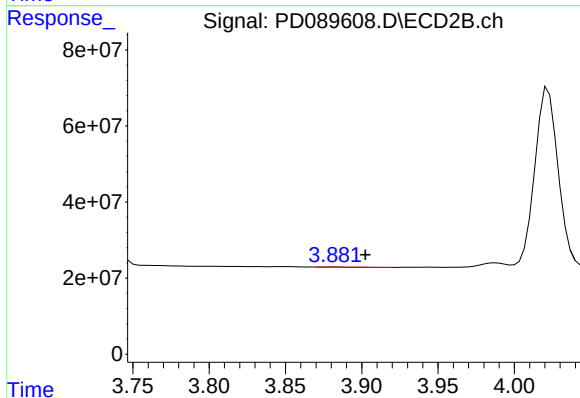
R.T.: 7.180 min  
Delta R.T.: -0.002 min  
Response: 802723578  
Conc: 41.53 ng/ml



#23 Chlordane-1

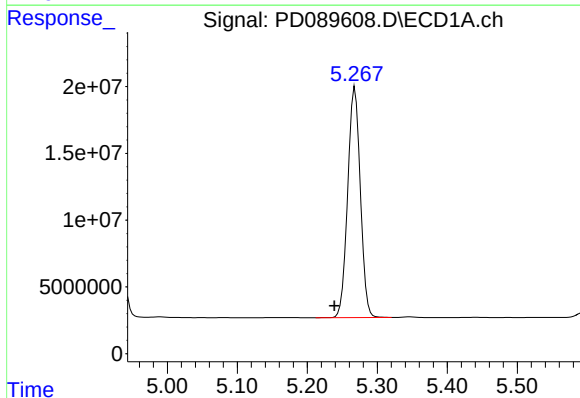
R.T.: 0.000 min  
Exp R.T.: 4.712 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB168972BS



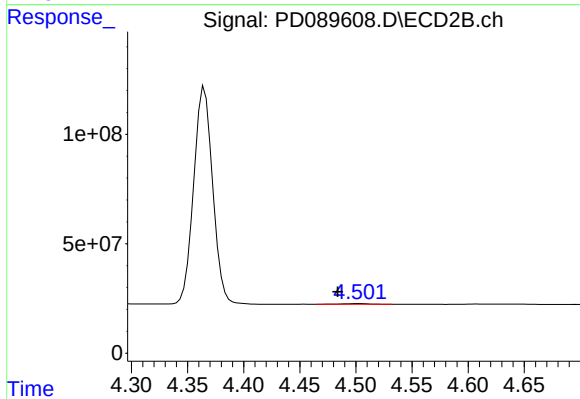
#23 Chlordane-1

R.T.: 3.882 min  
Delta R.T.: -0.020 min  
Response: 141799  
Conc: 0.15 ng/ml



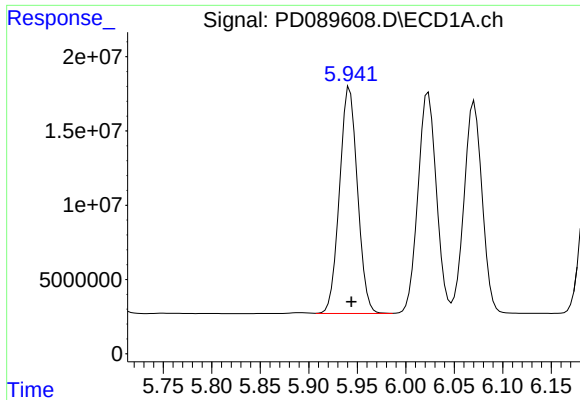
#24 Chlordane-2

R.T.: 5.268 min  
Delta R.T.: 0.029 min  
Response: 216375993  
Conc: 1076.03 ng/ml



#24 Chlordane-2

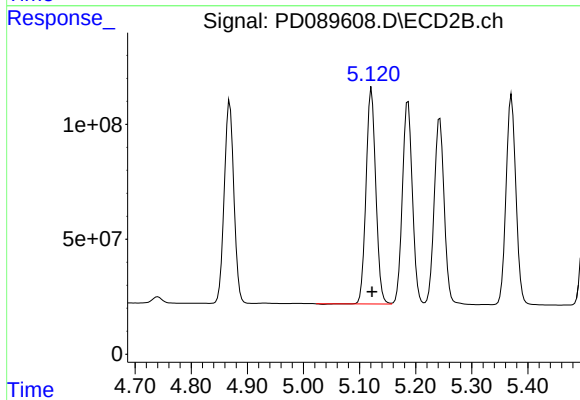
R.T.: 4.503 min  
Delta R.T.: 0.019 min  
Response: 5688769  
Conc: 5.80 ng/ml



#25 Chlordane-3

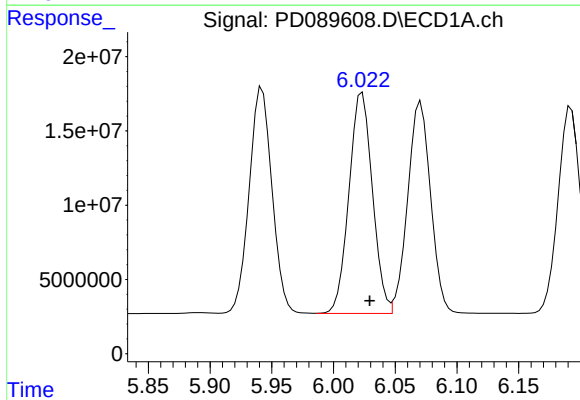
R.T.: 5.942 min  
Delta R.T.: -0.002 min  
Response: 196262584  
Conc: 251.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168972BS



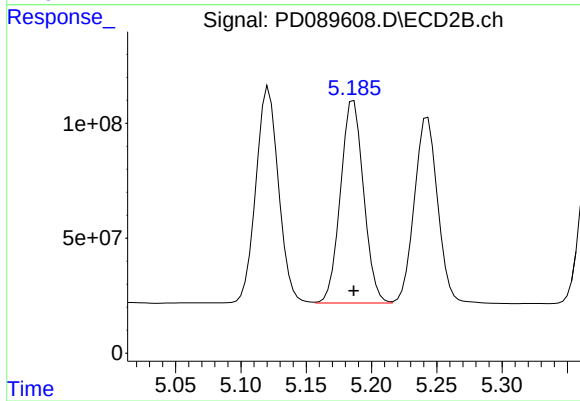
#25 Chlordane-3

R.T.: 5.121 min  
Delta R.T.: 0.000 min  
Response: 1128550368  
Conc: 390.91 ng/ml



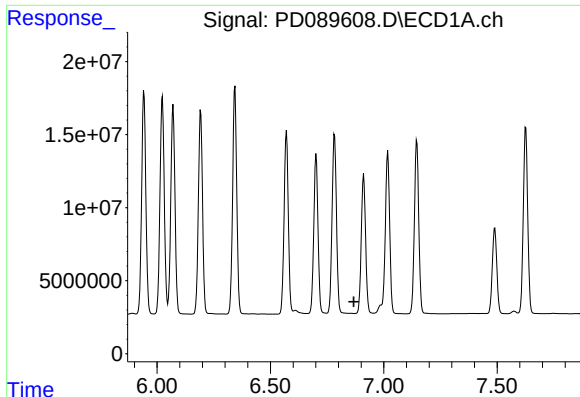
#26 Chlordane-4

R.T.: 6.023 min  
Delta R.T.: -0.006 min  
Response: 196554536  
Conc: 207.07 ng/ml



#26 Chlordane-4

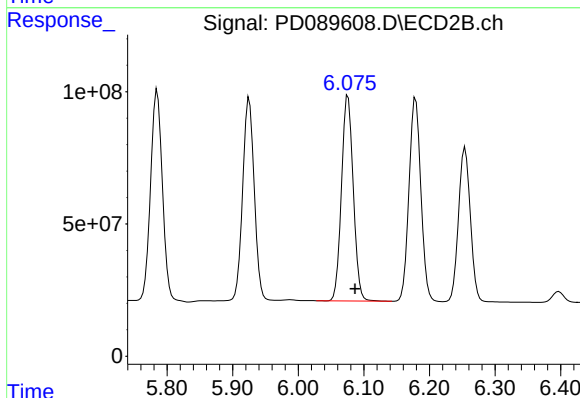
R.T.: 5.186 min  
Delta R.T.: 0.000 min  
Response: 1086269351  
Conc: 450.33 ng/ml



#27 Chlordane-5

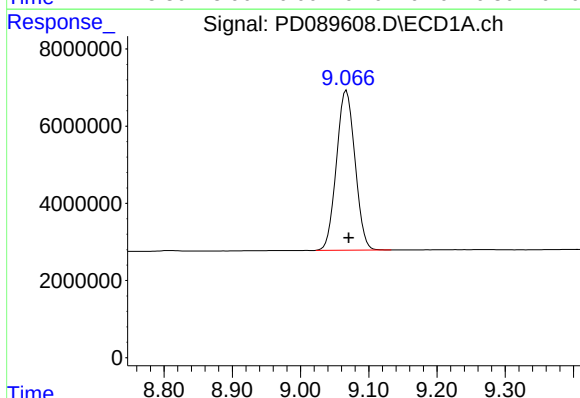
R.T.: 0.000 min  
Exp R.T.: 6.869 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB168972BS



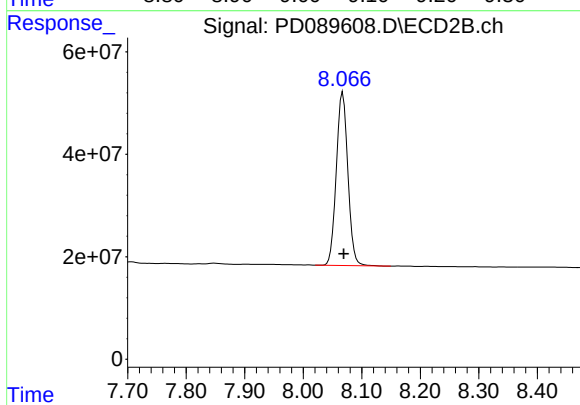
#27 Chlordane-5

R.T.: 6.076 min  
Delta R.T.: -0.011 min  
Response: 970589969  
Conc: 830.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min  
Delta R.T.: -0.003 min  
Response: 78178730  
Conc: 19.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.068 min  
Delta R.T.: -0.002 min  
Response: 464524392  
Conc: 18.91 ng/ml