

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061325\  
 Data File : PD088948.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jun 2025 13:40  
 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 13 22:34:48 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051925.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 19 15:27:28 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  | 2.879  | 129.4E6  | 757.9E6  | 59.785   | 50.106    |
| 28)                         | SA Decachlor... | 9.070  | 8.070  | 162.8E6  | 859.4E6  | 47.565   | 47.076    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.997  | 3.391  | 271.1E6  | 1199.7E6 | 56.754   | 50.191    |
| 3)                          | MA gamma-BHC... | 4.328  | 3.728  | 258.0E6  | 1109.1E6 | 56.064   | 50.038    |
| 4)                          | MA Heptachlor   | 4.928  | 4.081  | 247.2E6  | 1088.8E6 | 55.278   | 48.490    |
| 5)                          | MB Aldrin       | 5.269  | 4.367  | 244.0E6  | 1090.9E6 | 55.526   | 49.747    |
| 6)                          | B beta-BHC      | 4.513  | 4.024  | 100.2E6  | 481.1E6  | 55.565   | 49.382    |
| 7)                          | B delta-BHC     | 4.762  | 4.260  | 251.3E6  | 1121.3E6 | 59.454   | 50.297    |
| 8)                          | B Heptachlo...  | 5.689  | 4.871  | 214.5E6  | 980.0E6  | 54.047   | 49.316    |
| 9)                          | A Endosulfan I  | 6.072  | 5.246  | 203.2E6  | 933.0E6  | 53.991   | 49.161    |
| 10)                         | B gamma-Chl...  | 5.944  | 5.124  | 218.3E6  | 1059.3E6 | 54.714   | 49.660    |
| 11)                         | B alpha-Chl...  | 6.025  | 5.189  | 218.8E6  | 1017.7E6 | 54.624   | 49.344    |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.374  | 197.0E6  | 1033.8E6 | 54.880   | 49.456    |
| 13)                         | MA Dieldrin     | 6.345  | 5.511  | 216.0E6  | 1037.7E6 | 53.832   | 49.309    |
| 14)                         | MA Endrin       | 6.572  | 5.788  | 174.6E6  | 909.0E6  | 51.122   | 47.139    |
| 15)                         | B Endosulfa...  | 6.784  | 6.079  | 180.3E6  | 902.3E6  | 52.358   | 49.247    |
| 16)                         | A 4,4'-DDD      | 6.703  | 5.928  | 154.1E6  | 868.8E6  | 55.338   | 49.951    |
| 17)                         | MA 4,4'-DDT     | 7.019  | 6.182  | 160.4E6  | 869.6E6  | 51.385   | 47.944    |
| 18)                         | B Endrin al...  | 6.913  | 6.257  | 129.2E6  | 652.2E6  | 50.173   | 46.826    |
| 19)                         | B Endosulfa...  | 7.147  | 6.480  | 168.0E6  | 867.5E6  | 52.462   | 48.855    |
| 20)                         | A Methoxychlor  | 7.491  | 6.752  | 81059097 | 444.1E6  | 48.522   | 46.382    |
| 21)                         | B Endrin ke...  | 7.628  | 6.989  | 180.2E6  | 968.5E6  | 52.636   | 50.060    |
| 22)                         | Mirex           | 8.112  | 7.184  | 131.4E6  | 726.8E6  | 50.572   | 47.807    |
| 23)                         | Chlordane-1     | 0.000  | 3.928f | 0        | 421926   | N.D.     | 0.511 #   |
| 24)                         | Chlordane-2     | 5.269f | 4.505  | 244.0E6  | 12647445 | 1329.714 | 14.985 #  |
| 25)                         | Chlordane-3     | 5.944  | 5.124  | 218.3E6  | 1059.3E6 | 294.971  | 401.751 # |
| 26)                         | Chlordane-4     | 6.025  | 5.189  | 218.8E6  | 1017.7E6 | 244.191  | 459.987 # |
| 27)                         | Chlordane-5     | 0.000  | 6.079  | 0        | 902.3E6  | N.D.     | 901.528 # |
| -----                       |                 |        |        |          |          |          |           |

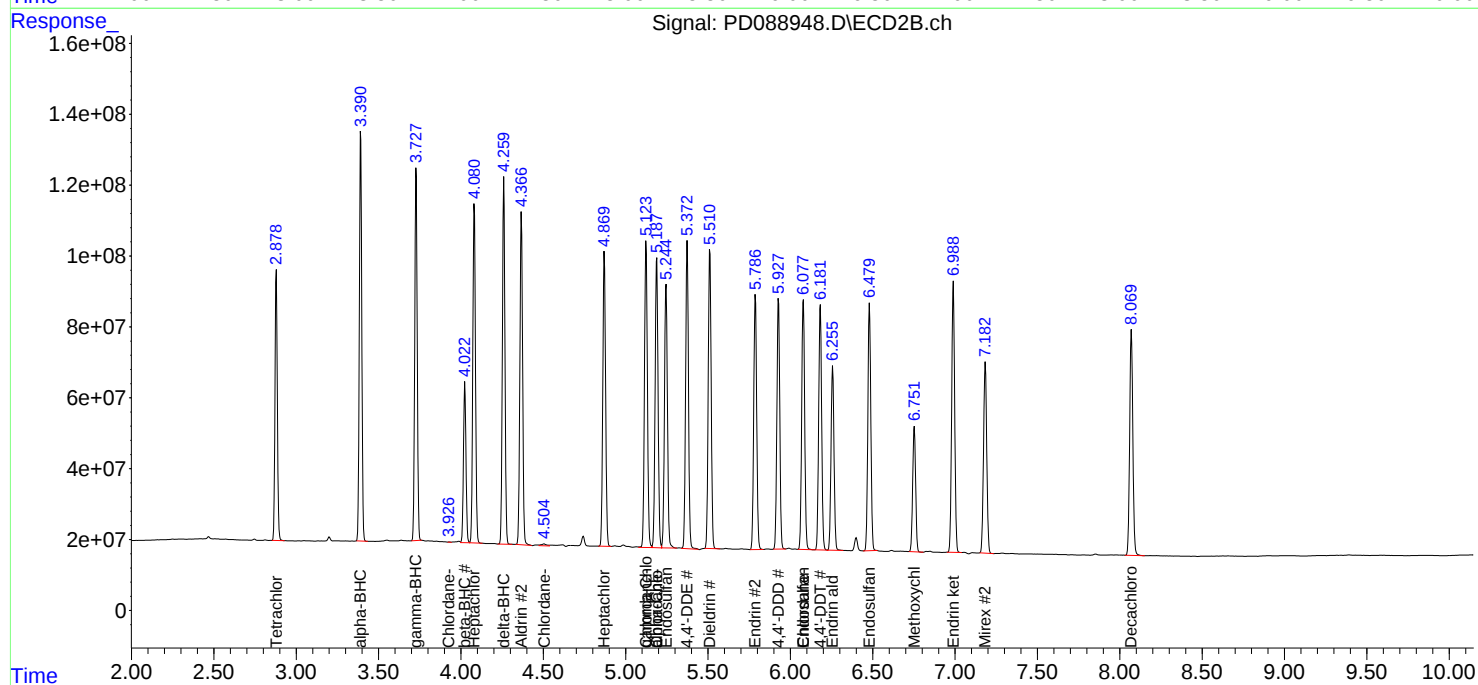
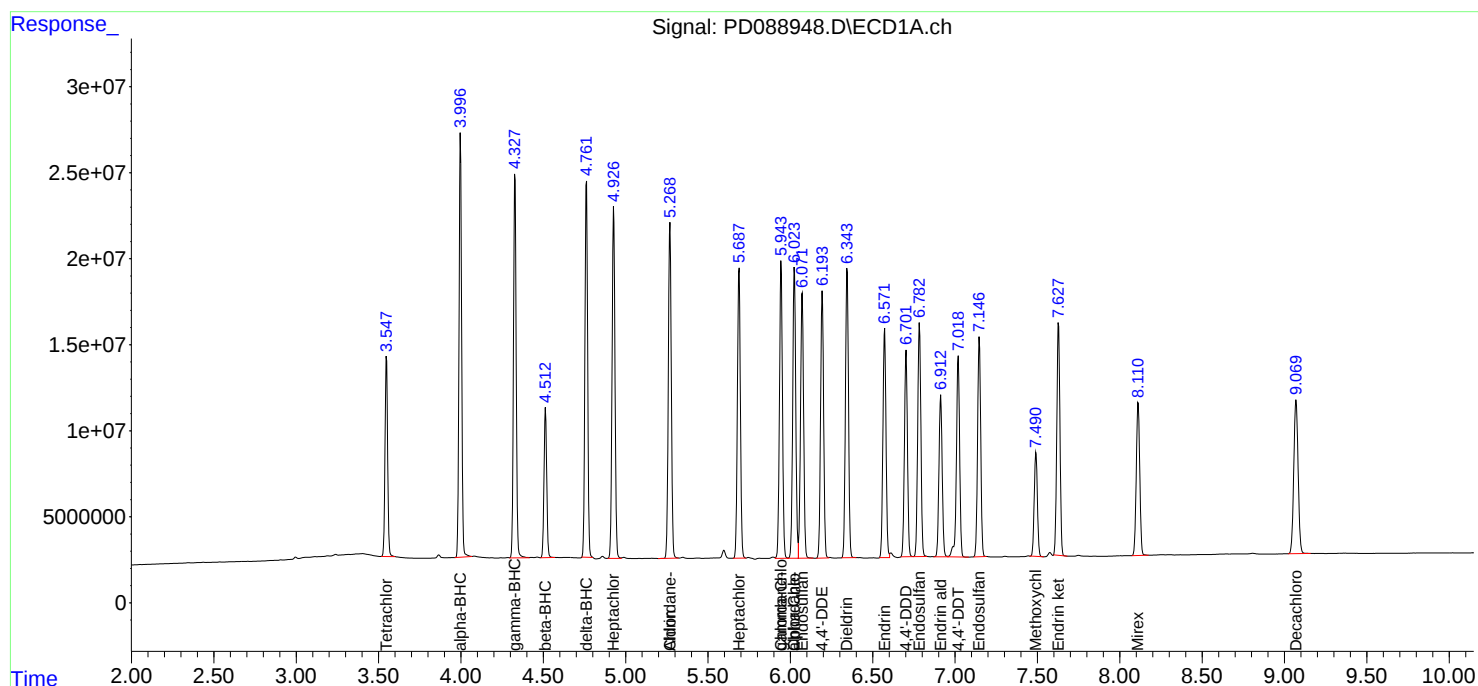
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

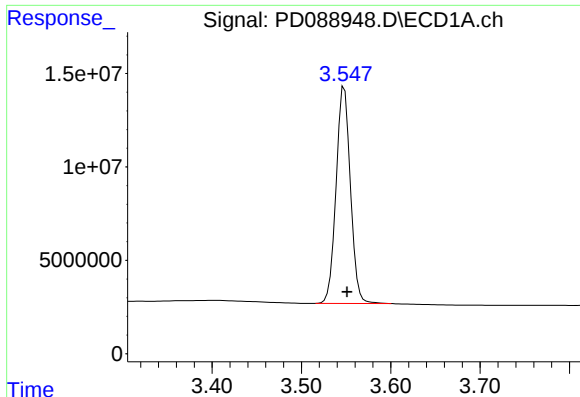
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061325\  
Data File : PD088948.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jun 2025 13:40  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 22:34:48 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051925.M  
Quant Title : GC Extractables  
QLast Update : Mon May 19 15:27:28 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

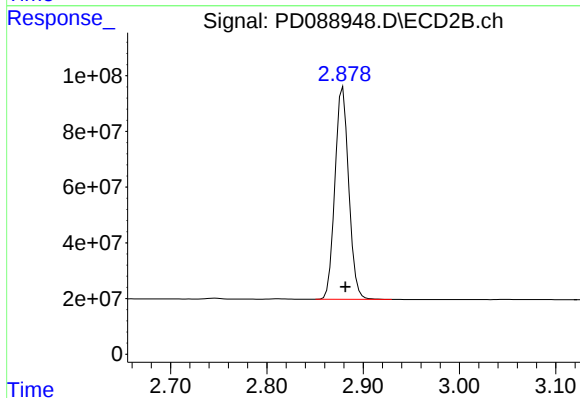




#1 Tetrachloro-m-xylene

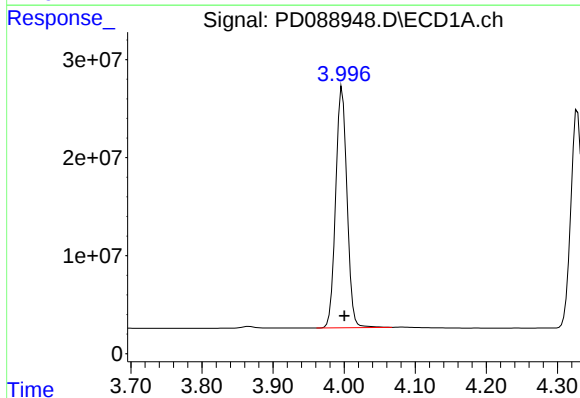
R.T.: 3.548 min  
Delta R.T.: -0.003 min  
Response: 129360157  
Conc: 59.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



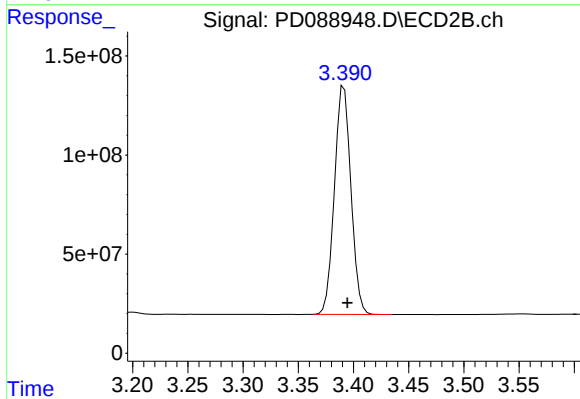
#1 Tetrachloro-m-xylene

R.T.: 2.879 min  
Delta R.T.: -0.003 min  
Response: 757947885  
Conc: 50.11 ng/ml



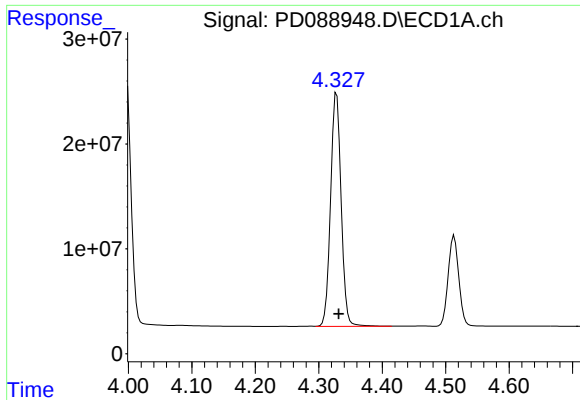
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: -0.003 min  
Response: 271087131  
Conc: 56.75 ng/ml



#2 alpha-BHC

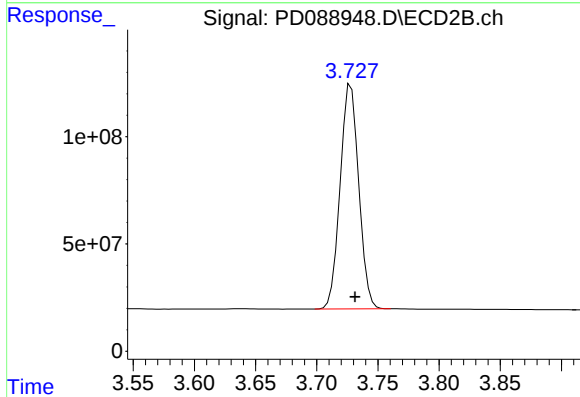
R.T.: 3.391 min  
Delta R.T.: -0.003 min  
Response: 1199742193  
Conc: 50.19 ng/ml



#3 gamma-BHC (Lindane)

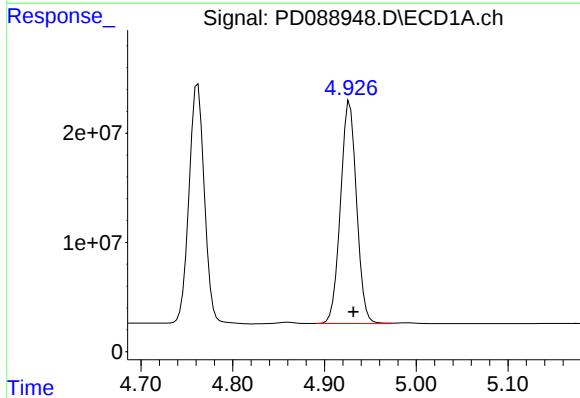
R.T.: 4.328 min  
Delta R.T.: -0.003 min  
Response: 258044537  
Conc: 56.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



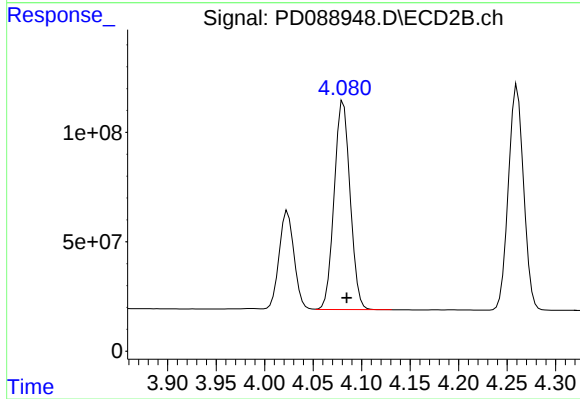
#3 gamma-BHC (Lindane)

R.T.: 3.728 min  
Delta R.T.: -0.003 min  
Response: 1109127617  
Conc: 50.04 ng/ml



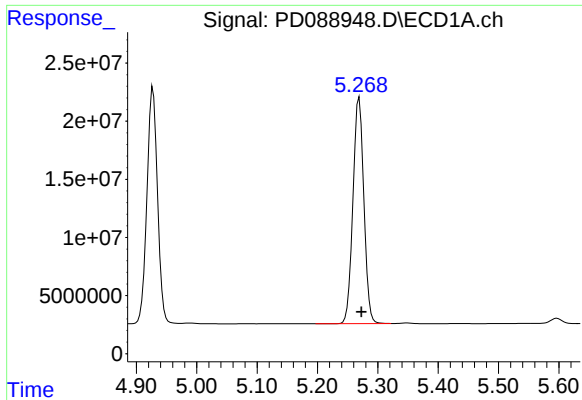
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: -0.004 min  
Response: 247158323  
Conc: 55.28 ng/ml



#4 Heptachlor

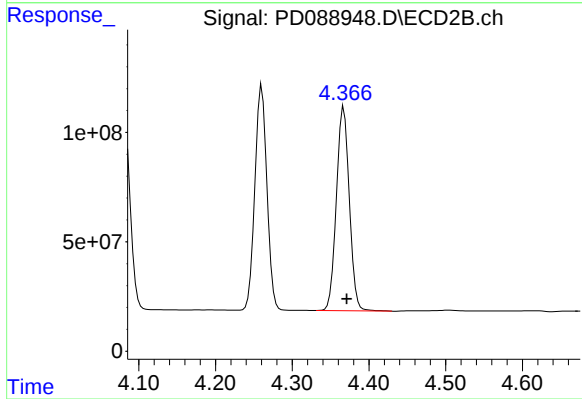
R.T.: 4.081 min  
Delta R.T.: -0.004 min  
Response: 1088830561  
Conc: 48.49 ng/ml



#5 Aldrin

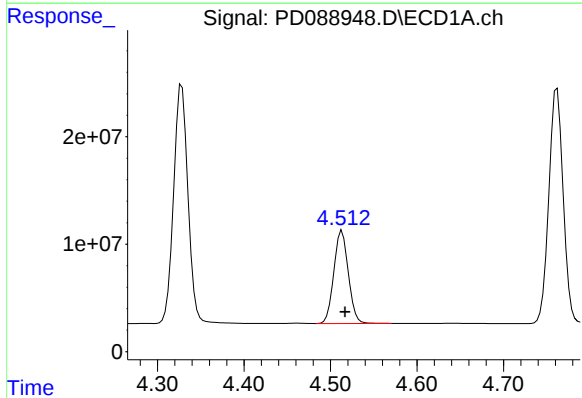
R.T.: 5.269 min  
Delta R.T.: -0.004 min  
Response: 244009705  
Conc: 55.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



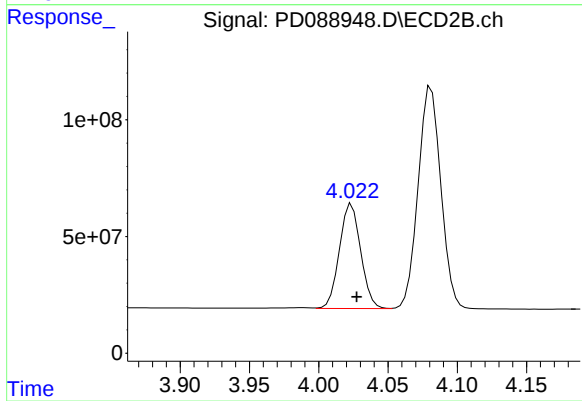
#5 Aldrin

R.T.: 4.367 min  
Delta R.T.: -0.004 min  
Response: 1090943843  
Conc: 49.75 ng/ml



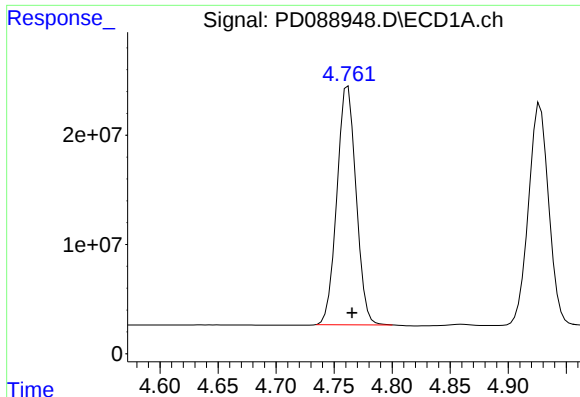
#6 beta-BHC

R.T.: 4.513 min  
Delta R.T.: -0.003 min  
Response: 100192094  
Conc: 55.56 ng/ml



#6 beta-BHC

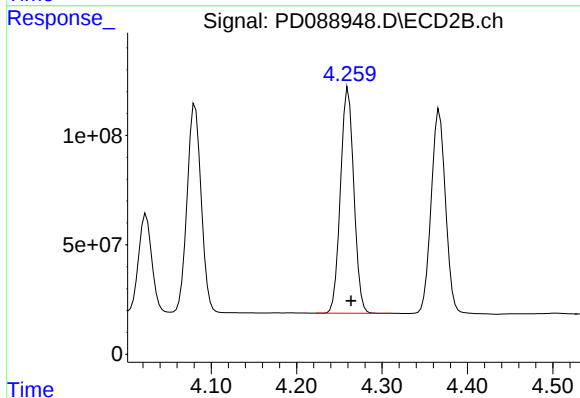
R.T.: 4.024 min  
Delta R.T.: -0.004 min  
Response: 481074100  
Conc: 49.38 ng/ml



#7 delta-BHC

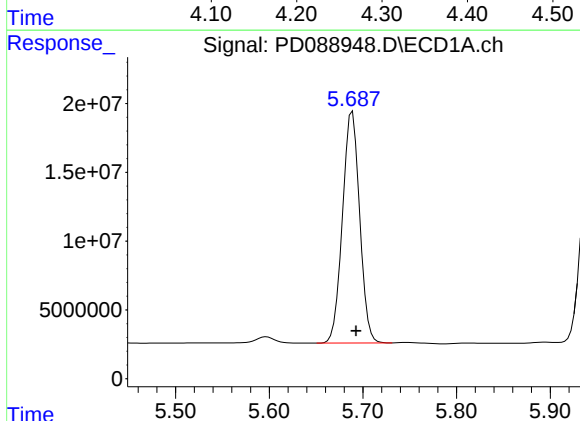
R.T.: 4.762 min  
Delta R.T.: -0.004 min  
Response: 251262973  
Conc: 59.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



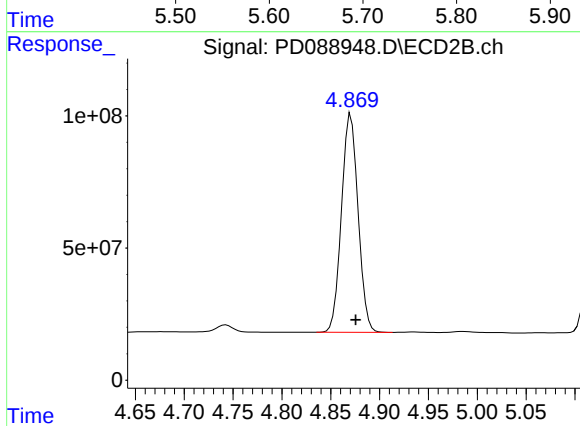
#7 delta-BHC

R.T.: 4.260 min  
Delta R.T.: -0.003 min  
Response: 1121316847  
Conc: 50.30 ng/ml



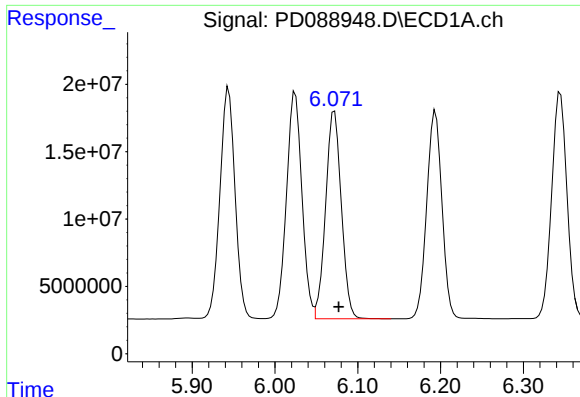
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: -0.004 min  
Response: 214528842  
Conc: 54.05 ng/ml



#8 Heptachlor epoxide

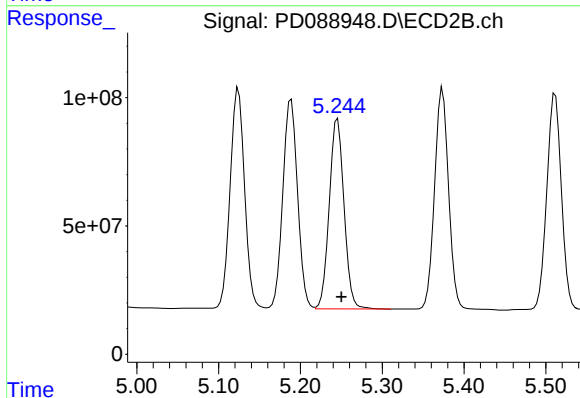
R.T.: 4.871 min  
Delta R.T.: -0.005 min  
Response: 979979093  
Conc: 49.32 ng/ml



#9 Endosulfan I

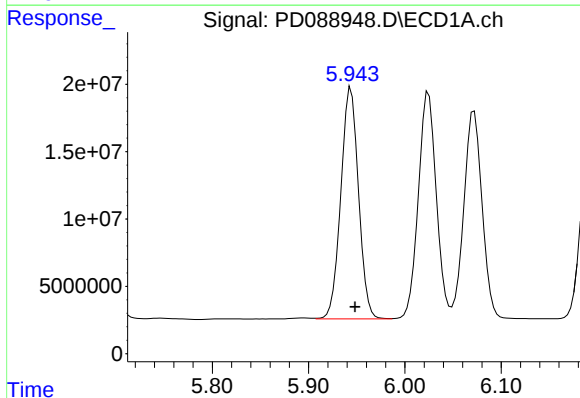
R.T.: 6.072 min  
Delta R.T.: -0.005 min  
Response: 203164854  
Conc: 53.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



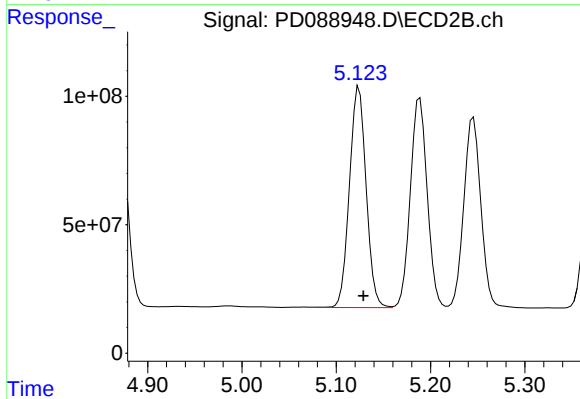
#9 Endosulfan I

R.T.: 5.246 min  
Delta R.T.: -0.004 min  
Response: 933002636  
Conc: 49.16 ng/ml



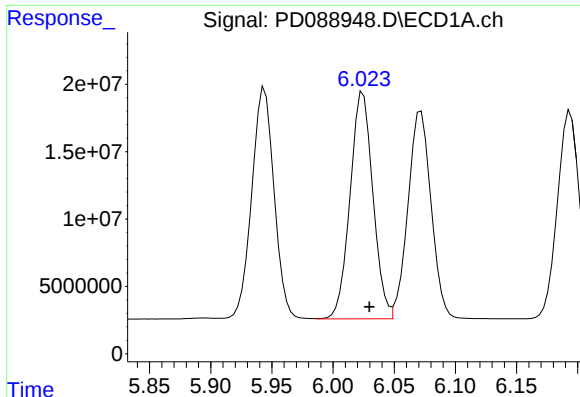
#10 gamma-Chlordane

R.T.: 5.944 min  
Delta R.T.: -0.004 min  
Response: 218250608  
Conc: 54.71 ng/ml



#10 gamma-Chlordane

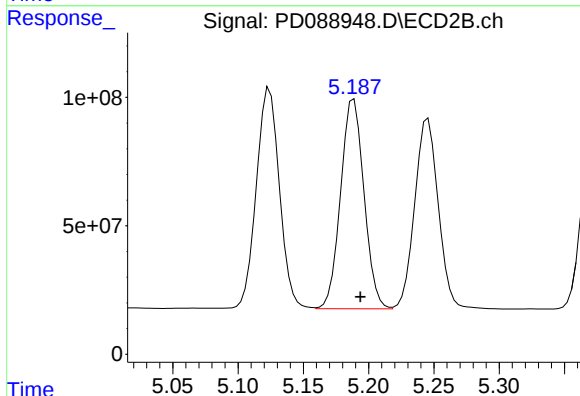
R.T.: 5.124 min  
Delta R.T.: -0.005 min  
Response: 1059348818  
Conc: 49.66 ng/ml



#11 alpha-Chlordane

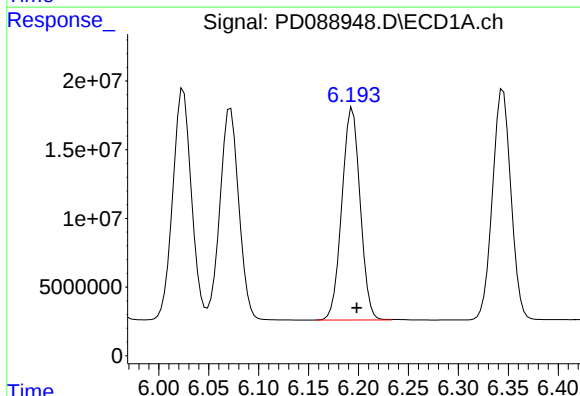
R.T.: 6.025 min  
Delta R.T.: -0.005 min  
Response: 218839505  
Conc: 54.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



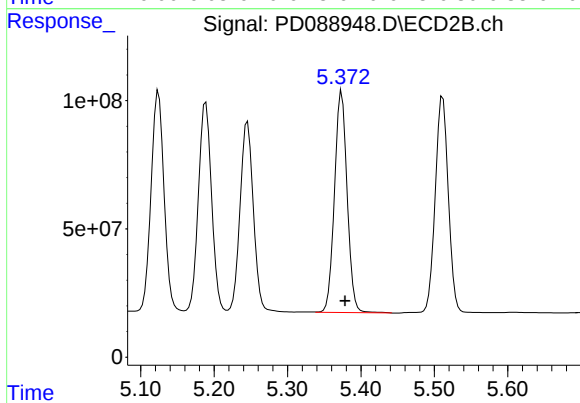
#11 alpha-Chlordane

R.T.: 5.189 min  
Delta R.T.: -0.005 min  
Response: 1017716761  
Conc: 49.34 ng/ml



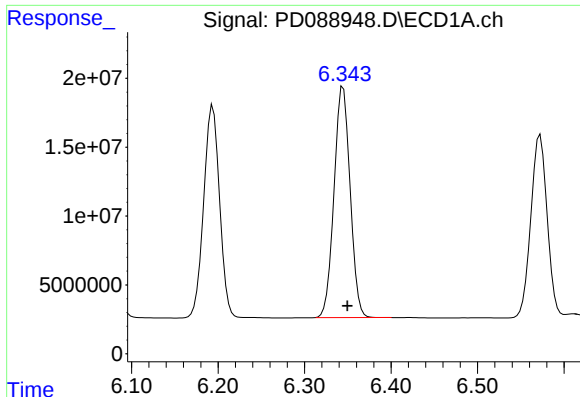
#12 4,4'-DDE

R.T.: 6.194 min  
Delta R.T.: -0.004 min  
Response: 196986870  
Conc: 54.88 ng/ml



#12 4,4'-DDE

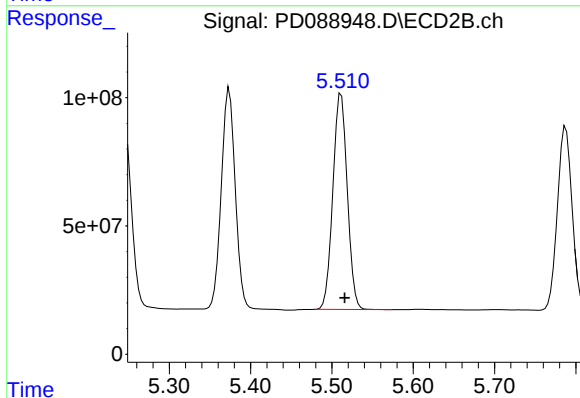
R.T.: 5.374 min  
Delta R.T.: -0.005 min  
Response: 1033765260  
Conc: 49.46 ng/ml



#13 Dieldrin

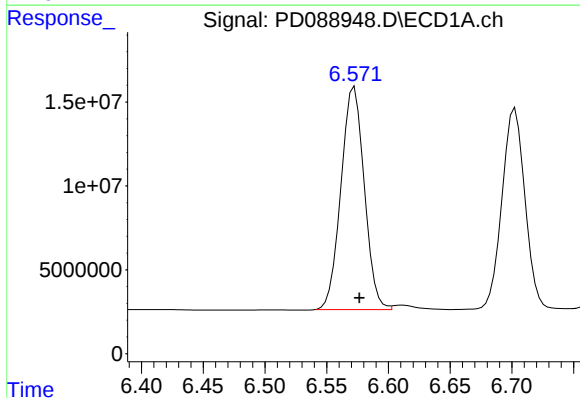
R.T.: 6.345 min  
Delta R.T.: -0.005 min  
Response: 215960242  
Conc: 53.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



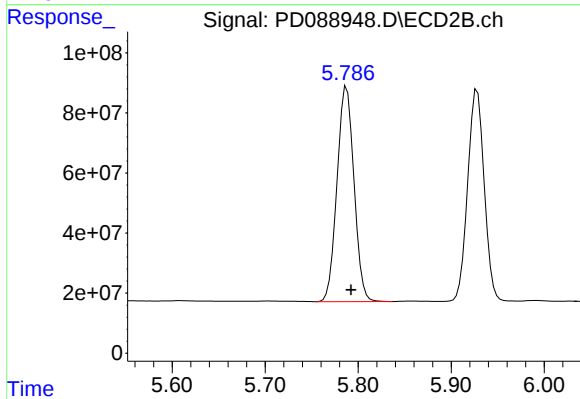
#13 Dieldrin

R.T.: 5.511 min  
Delta R.T.: -0.004 min  
Response: 1037661282  
Conc: 49.31 ng/ml



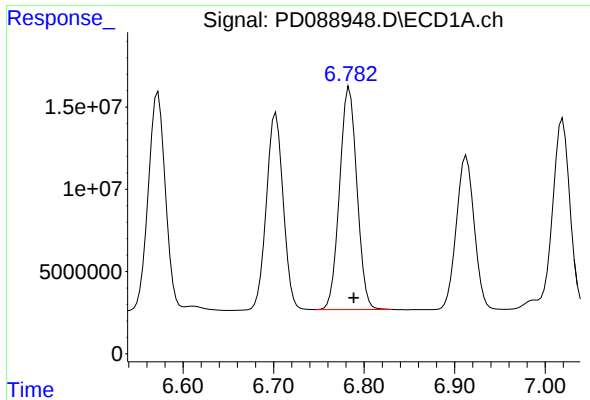
#14 Endrin

R.T.: 6.572 min  
Delta R.T.: -0.004 min  
Response: 174591547  
Conc: 51.12 ng/ml



#14 Endrin

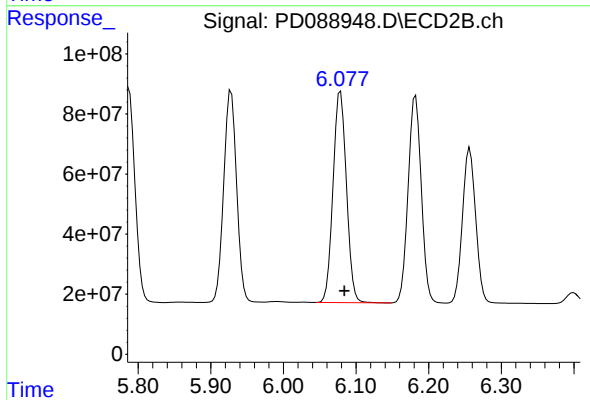
R.T.: 5.788 min  
Delta R.T.: -0.005 min  
Response: 909037883  
Conc: 47.14 ng/ml



#15 Endosulfan II

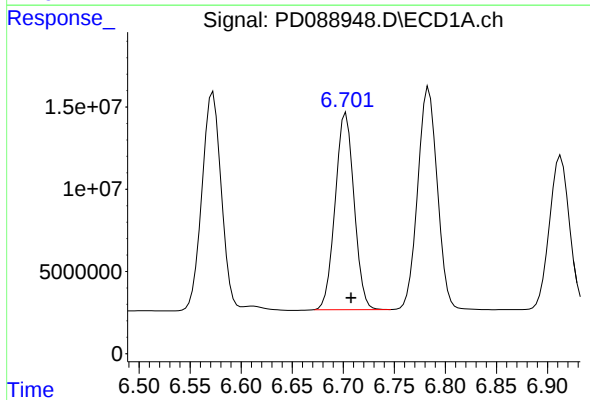
R.T.: 6.784 min  
Delta R.T.: -0.005 min  
Response: 180299526  
Conc: 52.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



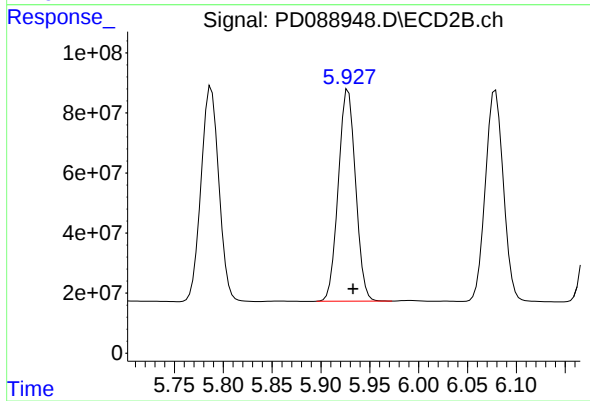
#15 Endosulfan II

R.T.: 6.079 min  
Delta R.T.: -0.005 min  
Response: 902298244  
Conc: 49.25 ng/ml



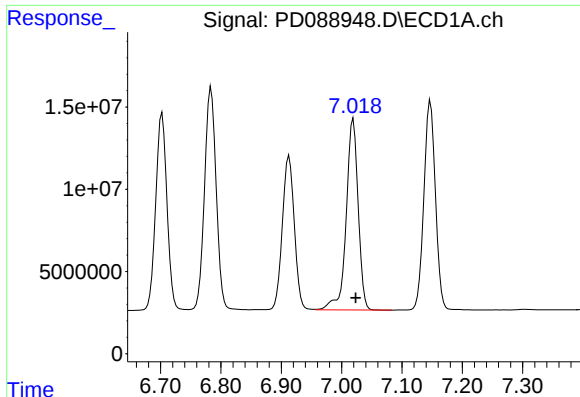
#16 4,4'-DDD

R.T.: 6.703 min  
Delta R.T.: -0.005 min  
Response: 154121900  
Conc: 55.34 ng/ml



#16 4,4'-DDD

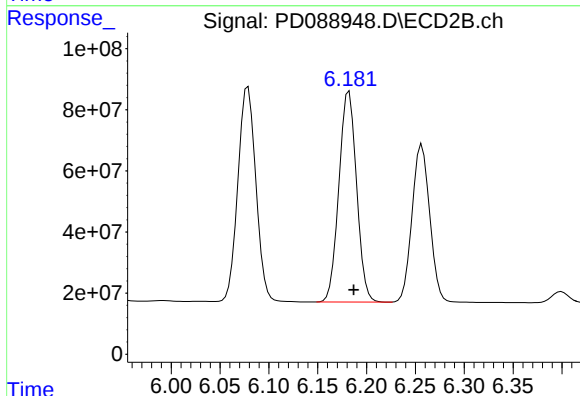
R.T.: 5.928 min  
Delta R.T.: -0.005 min  
Response: 868758255  
Conc: 49.95 ng/ml



#17 4,4'-DDT

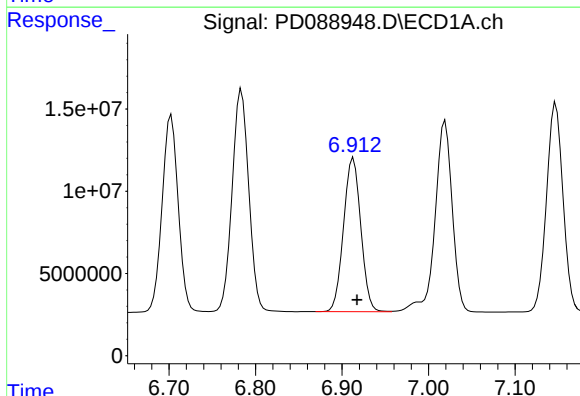
R.T.: 7.019 min  
Delta R.T.: -0.004 min  
Response: 160424707  
Conc: 51.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



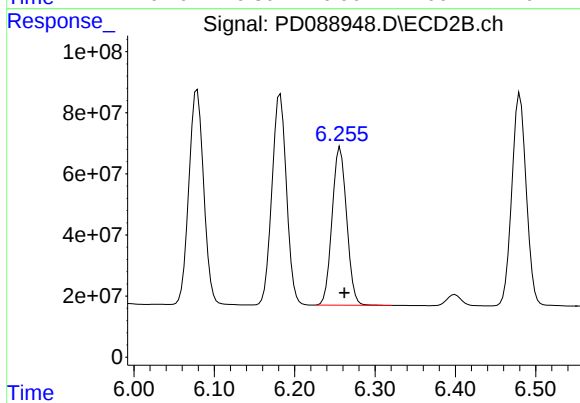
#17 4,4'-DDT

R.T.: 6.182 min  
Delta R.T.: -0.005 min  
Response: 869581083  
Conc: 47.94 ng/ml



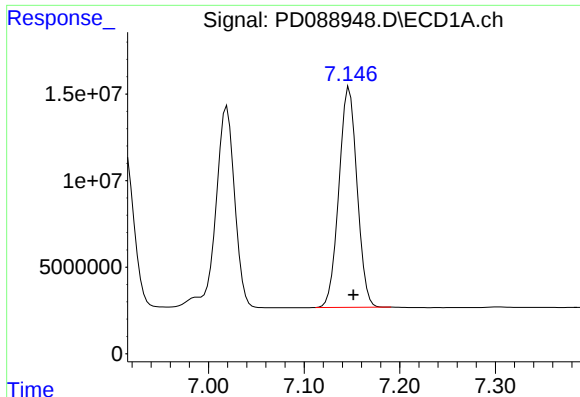
#18 Endrin aldehyde

R.T.: 6.913 min  
Delta R.T.: -0.004 min  
Response: 129176598  
Conc: 50.17 ng/ml



#18 Endrin aldehyde

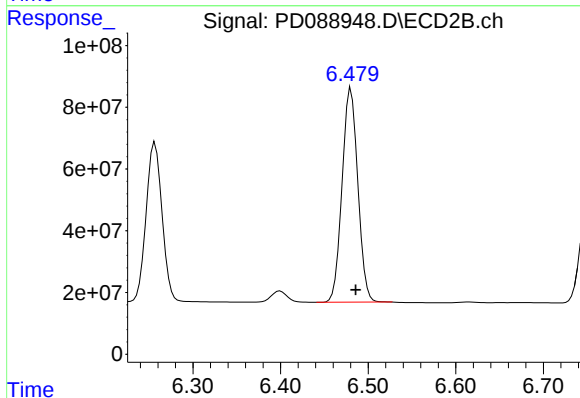
R.T.: 6.257 min  
Delta R.T.: -0.005 min  
Response: 652233927  
Conc: 46.83 ng/ml



#19 Endosulfan Sulfate

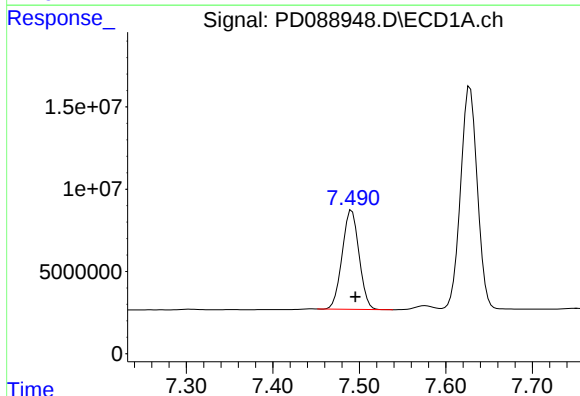
R.T.: 7.147 min  
Delta R.T.: -0.004 min  
Response: 168039976  
Conc: 52.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



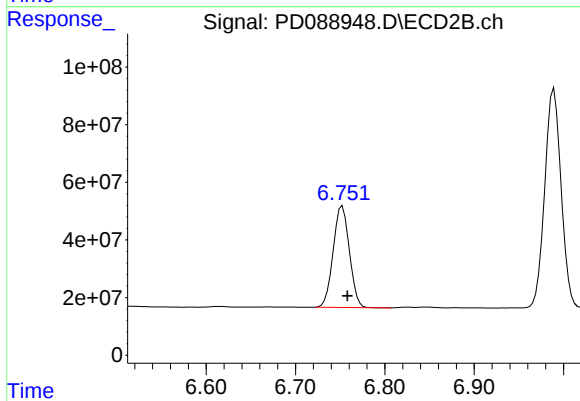
#19 Endosulfan Sulfate

R.T.: 6.480 min  
Delta R.T.: -0.005 min  
Response: 867456773  
Conc: 48.85 ng/ml



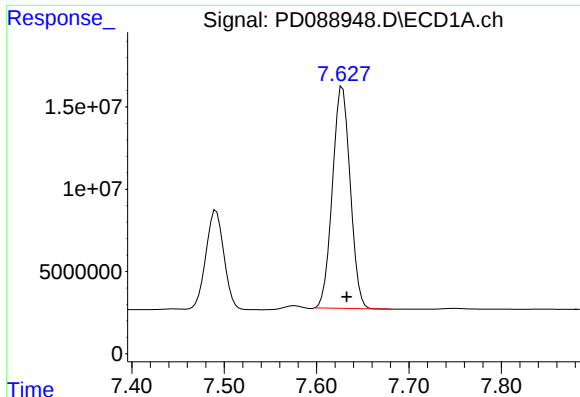
#20 Methoxychlor

R.T.: 7.491 min  
Delta R.T.: -0.004 min  
Response: 81059097  
Conc: 48.52 ng/ml



#20 Methoxychlor

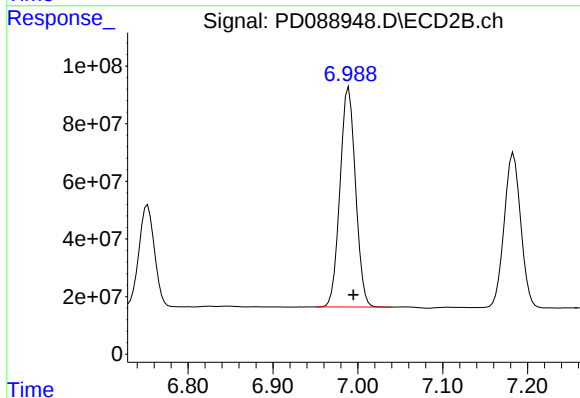
R.T.: 6.752 min  
Delta R.T.: -0.006 min  
Response: 444097701  
Conc: 46.38 ng/ml



#21 Endrin ketone

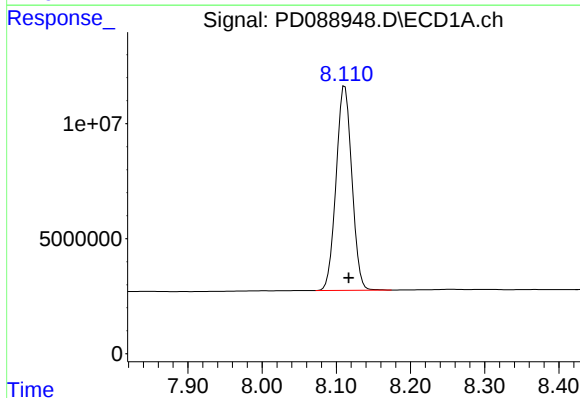
R.T.: 7.628 min  
Delta R.T.: -0.004 min  
Response: 180180711  
Conc: 52.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



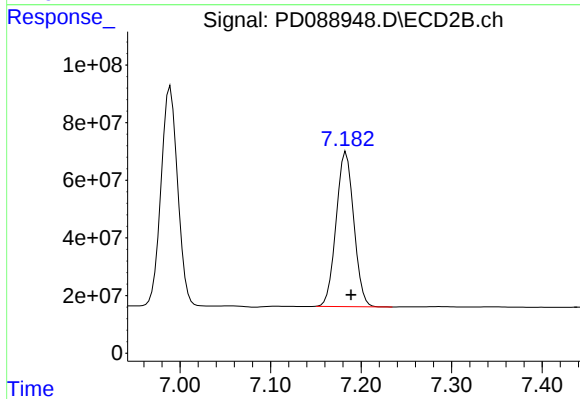
#21 Endrin ketone

R.T.: 6.989 min  
Delta R.T.: -0.006 min  
Response: 968538861  
Conc: 50.06 ng/ml



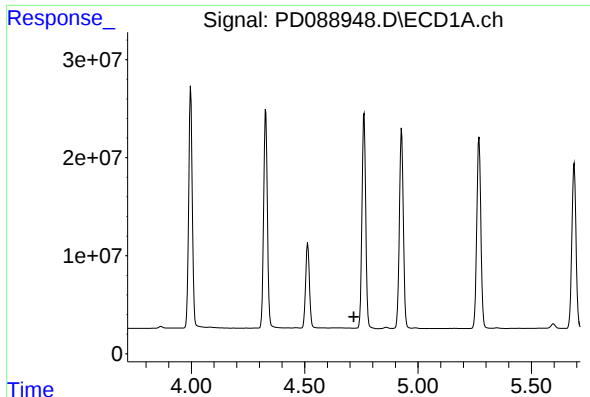
#22 Mirex

R.T.: 8.112 min  
Delta R.T.: -0.005 min  
Response: 131399911  
Conc: 50.57 ng/ml



#22 Mirex

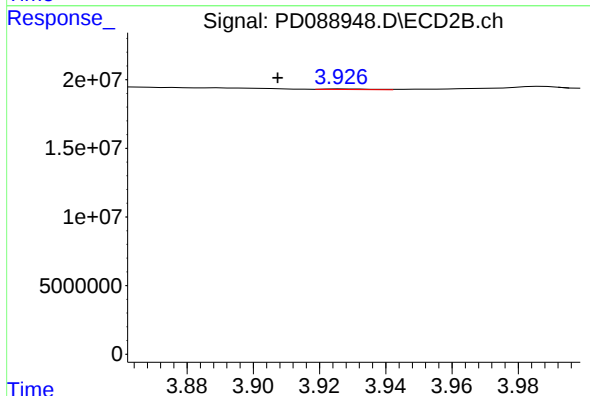
R.T.: 7.184 min  
Delta R.T.: -0.005 min  
Response: 726772055  
Conc: 47.81 ng/ml



#23 Chlordane-1

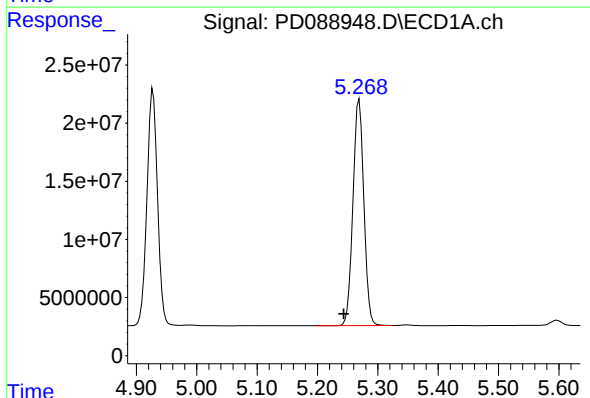
R.T.: 0.000 min  
Exp R.T.: 4.717 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



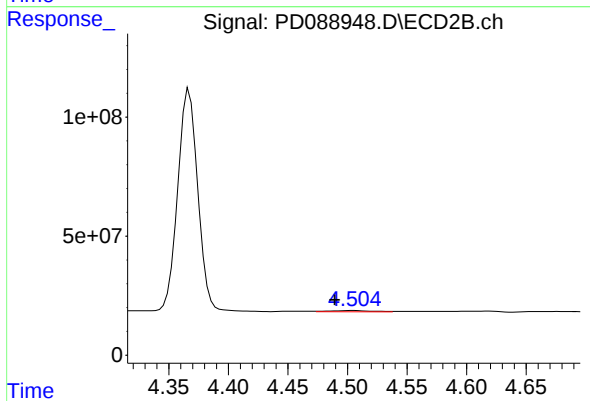
#23 Chlordane-1

R.T.: 3.928 min  
Delta R.T.: 0.020 min  
Response: 421926  
Conc: 0.51 ng/ml



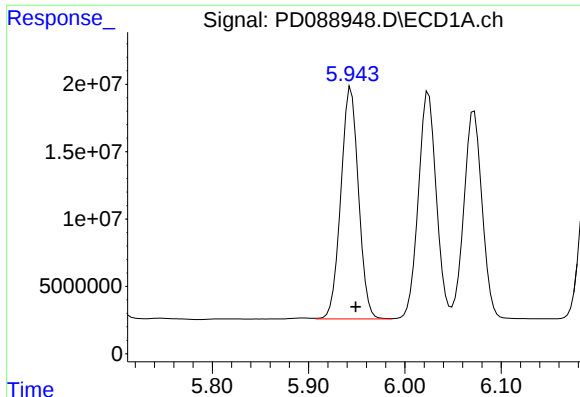
#24 Chlordane-2

R.T.: 5.269 min  
Delta R.T.: 0.026 min  
Response: 244009705  
Conc: 1329.71 ng/ml



#24 Chlordane-2

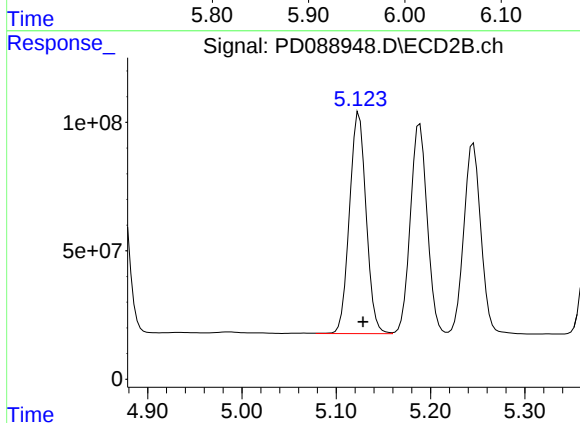
R.T.: 4.505 min  
Delta R.T.: 0.016 min  
Response: 12647445  
Conc: 14.99 ng/ml



#25 Chlordane-3

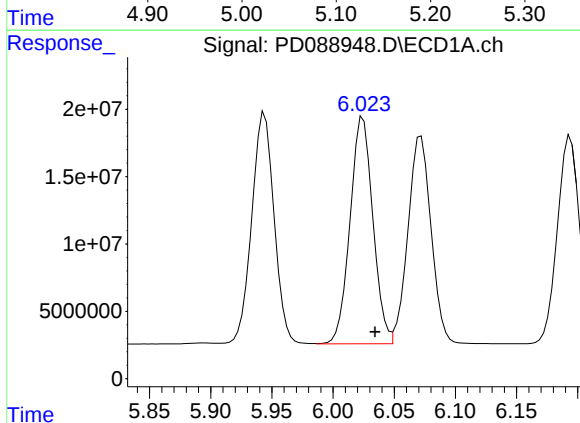
R.T.: 5.944 min  
Delta R.T.: -0.005 min  
Response: 218250608  
Conc: 294.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



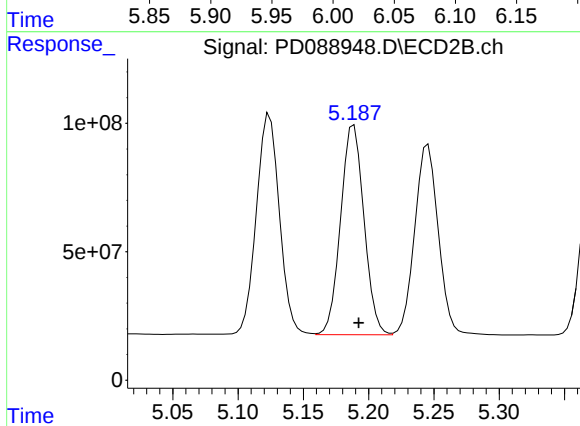
#25 Chlordane-3

R.T.: 5.124 min  
Delta R.T.: -0.004 min  
Response: 1059348818  
Conc: 401.75 ng/ml



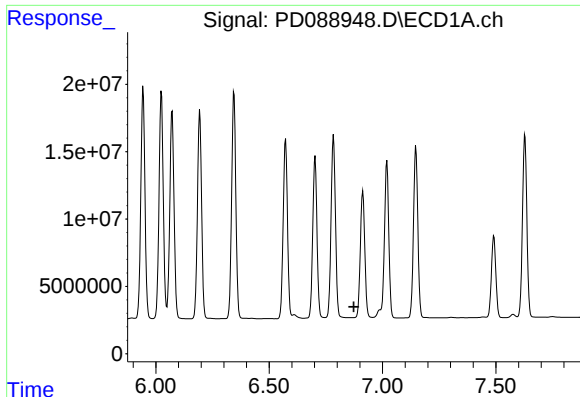
#26 Chlordane-4

R.T.: 6.025 min  
Delta R.T.: -0.010 min  
Response: 218839505  
Conc: 244.19 ng/ml



#26 Chlordane-4

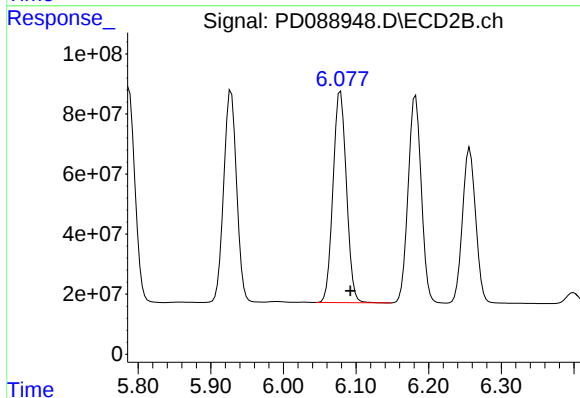
R.T.: 5.189 min  
Delta R.T.: -0.004 min  
Response: 1017716761  
Conc: 459.99 ng/ml



#27 Chlordane-5

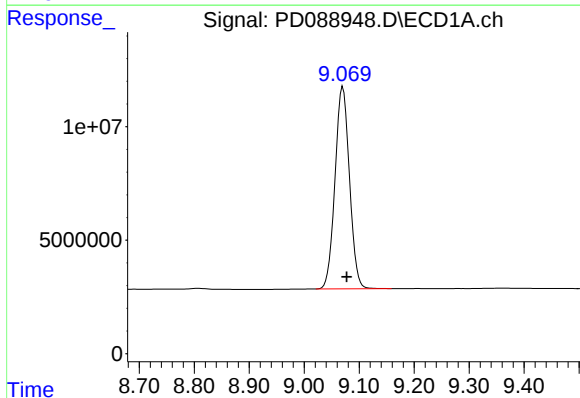
R.T.: 0.000 min  
Exp R.T.: 6.873 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



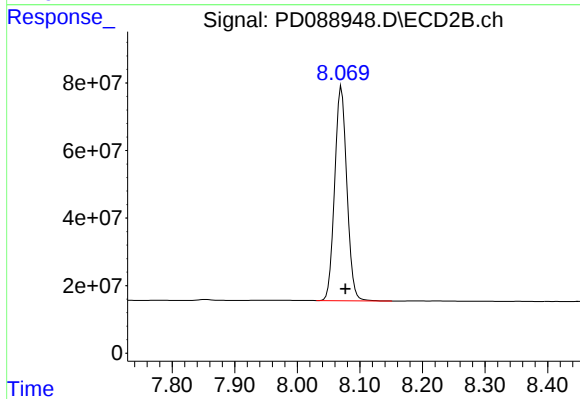
#27 Chlordane-5

R.T.: 6.079 min  
Delta R.T.: -0.014 min  
Response: 902298244  
Conc: 901.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min  
Delta R.T.: -0.007 min  
Response: 162782144  
Conc: 47.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.070 min  
Delta R.T.: -0.006 min  
Response: 859430580  
Conc: 47.08 ng/ml