

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061325\  
 Data File : PD088950.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jun 2025 17:21  
 Operator : AR\AJ  
 Sample : PB168474BL  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 13 22:35:13 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  | 55262524 | 366.6E6  | 25.540   | 24.236    |
| 28)                         | SA Decachlor... | 9.073  | 8.071  | 83058045 | 446.9E6  | 24.269   | 24.478    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.998  | 3.392  | 269.3E6  | 1258.2E6 | 56.370   | 52.637    |
| 3)                          | MA gamma-BHC... | 4.329  | 3.728  | 257.4E6  | 1172.8E6 | 55.919   | 52.910    |
| 4)                          | MA Heptachlor   | 4.928  | 4.082  | 250.6E6  | 1144.6E6 | 56.041   | 50.974    |
| 5)                          | MB Aldrin       | 5.270  | 4.367  | 249.2E6  | 1168.3E6 | 56.702   | 53.275    |
| 6)                          | B beta-BHC      | 4.514  | 4.024  | 99553894 | 508.8E6  | 55.211   | 52.223    |
| 7)                          | B delta-BHC     | 4.763  | 4.261  | 255.8E6  | 1186.9E6 | 60.531   | 53.239    |
| 8)                          | B Heptachlo...  | 5.690  | 4.871  | 222.7E6  | 1039.3E6 | 56.107   | 52.304    |
| 9)                          | A Endosulfan I  | 6.073  | 5.245  | 210.1E6  | 977.3E6  | 55.829   | 51.495    |
| 10)                         | B gamma-Chl...  | 5.945  | 5.124  | 223.3E6  | 1135.4E6 | 55.976   | 53.225    |
| 11)                         | B alpha-Chl...  | 6.025  | 5.189  | 224.7E6  | 1086.2E6 | 56.097   | 52.663    |
| 12)                         | B 4,4'-DDE      | 6.195  | 5.374  | 202.8E6  | 1117.6E6 | 56.501   | 53.465    |
| 13)                         | MA Dieldrin     | 6.346  | 5.511  | 225.2E6  | 1104.3E6 | 56.143   | 52.474    |
| 14)                         | MA Endrin       | 6.573  | 5.788  | 185.0E6  | 962.5E6  | 54.163   | 49.912    |
| 15)                         | B Endosulfa...  | 6.785  | 6.079  | 190.5E6  | 963.7E6  | 55.331   | 52.601    |
| 16)                         | A 4,4'-DDD      | 6.704  | 5.928  | 164.1E6  | 933.1E6  | 58.912   | 53.649    |
| 17)                         | MA 4,4'-DDT     | 7.020  | 6.182  | 167.9E6  | 913.2E6  | 53.794   | 50.348    |
| 18)                         | B Endrin al...  | 6.914  | 6.257  | 139.5E6  | 710.5E6  | 54.201   | 51.008    |
| 19)                         | B Endosulfa...  | 7.148  | 6.480  | 178.0E6  | 927.5E6  | 55.573   | 52.235    |
| 20)                         | A Methoxychlor  | 7.493  | 6.752  | 85451692 | 463.9E6  | 51.152   | 48.449    |
| 21)                         | B Endrin ke...  | 7.629  | 6.989  | 192.2E6  | 1038.1E6 | 56.140   | 53.656    |
| 22)                         | Mirex           | 8.113  | 7.184  | 137.1E6  | 773.9E6  | 52.754   | 50.906    |
| 23)                         | Chlordane-1     | 0.000  | 3.934f | 0        | 127867   | N.D.     | 0.155 #   |
| 24)                         | Chlordane-2     | 5.270f | 4.506  | 249.2E6  | 39377288 | 1357.873 | 46.655 #  |
| 25)                         | Chlordane-3     | 5.945  | 5.124  | 223.3E6  | 1135.4E6 | 301.775  | 430.594 # |
| 26)                         | Chlordane-4     | 6.025  | 5.189  | 224.7E6  | 1086.2E6 | 250.774  | 490.927 # |
| 27)                         | Chlordane-5     | 0.000  | 6.079  | 0        | 963.7E6  | N.D.     | 962.922 # |
| -----                       |                 |        |        |          |          |          |           |

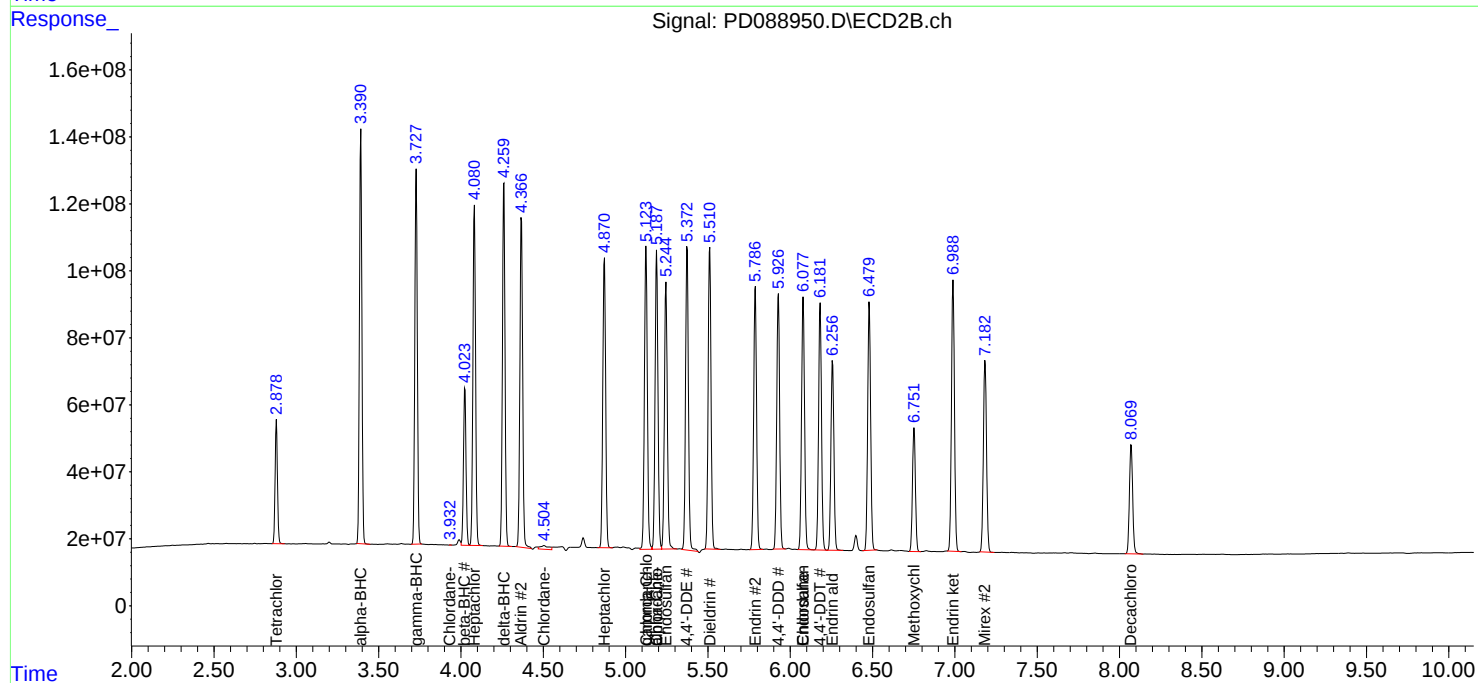
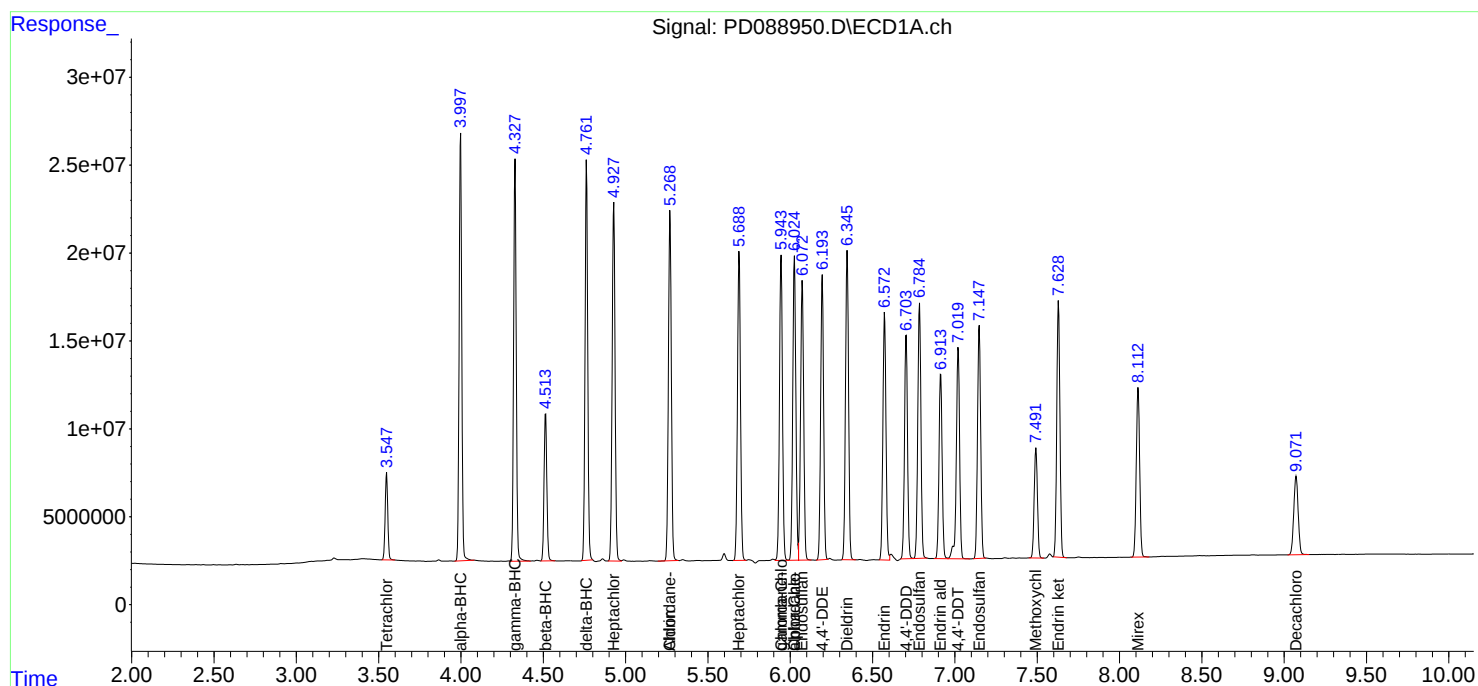
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

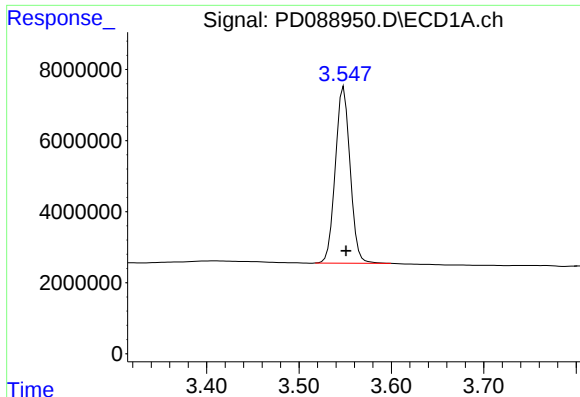
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061325\  
Data File : PD088950.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jun 2025 17:21  
Operator : AR\AJ  
Sample : PB168474BL  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 22:35:13 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

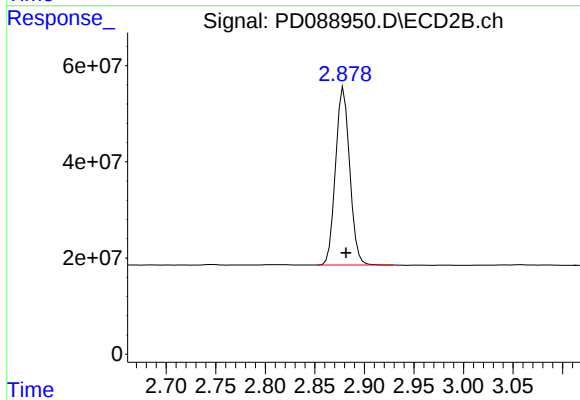




#1 Tetrachloro-m-xylene

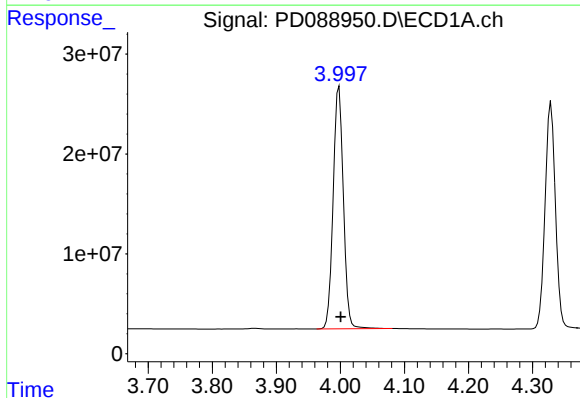
R.T.: 3.548 min  
Delta R.T.: -0.003 min  
Response: 55262524  
Conc: 25.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



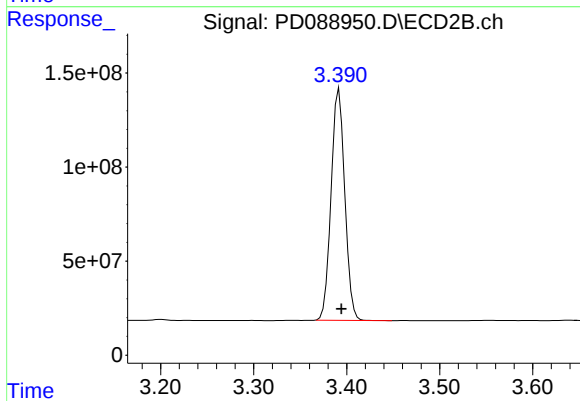
#1 Tetrachloro-m-xylene

R.T.: 2.879 min  
Delta R.T.: -0.002 min  
Response: 366616558  
Conc: 24.24 ng/ml



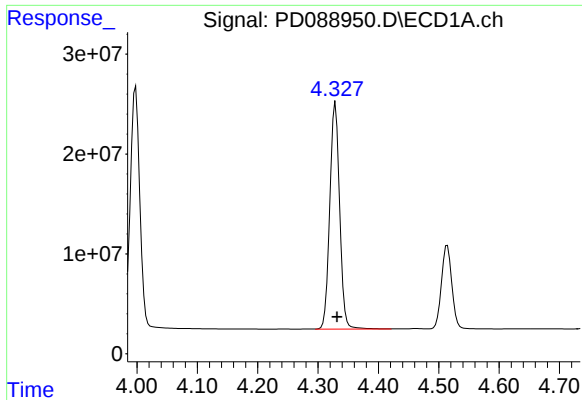
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: -0.002 min  
Response: 269253764  
Conc: 56.37 ng/ml



#2 alpha-BHC

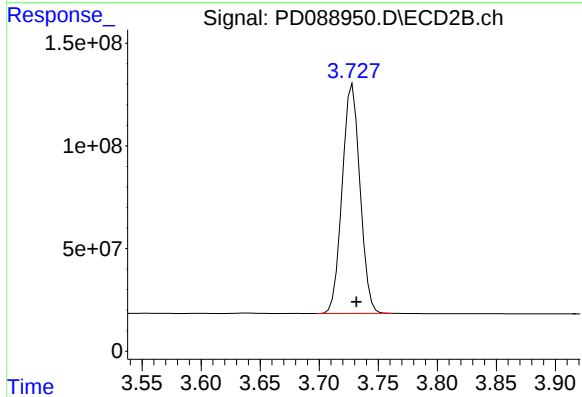
R.T.: 3.392 min  
Delta R.T.: -0.003 min  
Response: 1258227453  
Conc: 52.64 ng/ml



#3 gamma-BHC (Lindane)

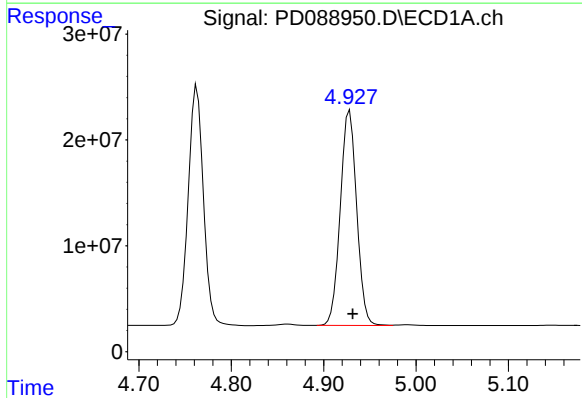
R.T.: 4.329 min  
Delta R.T.: -0.003 min  
Response: 257377041  
Conc: 55.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



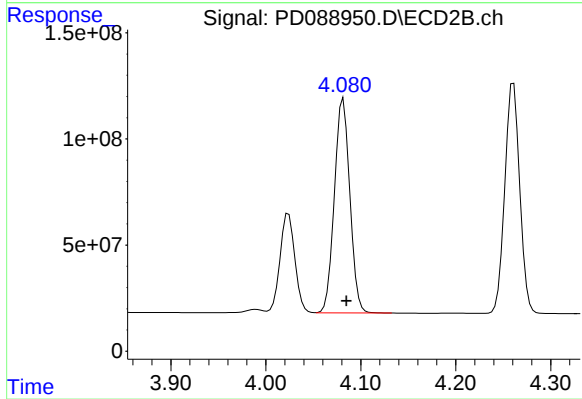
#3 gamma-BHC (Lindane)

R.T.: 3.728 min  
Delta R.T.: -0.003 min  
Response: 1172795135  
Conc: 52.91 ng/ml



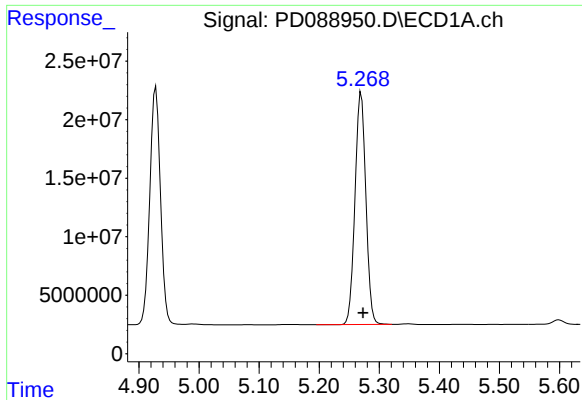
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: -0.003 min  
Response: 250572448  
Conc: 56.04 ng/ml



#4 Heptachlor

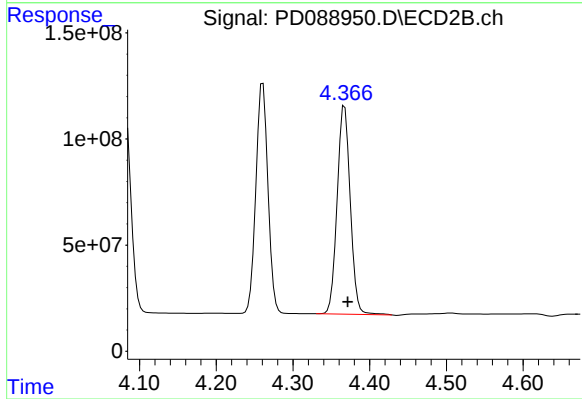
R.T.: 4.082 min  
Delta R.T.: -0.003 min  
Response: 1144604373  
Conc: 50.97 ng/ml



#5 Aldrin

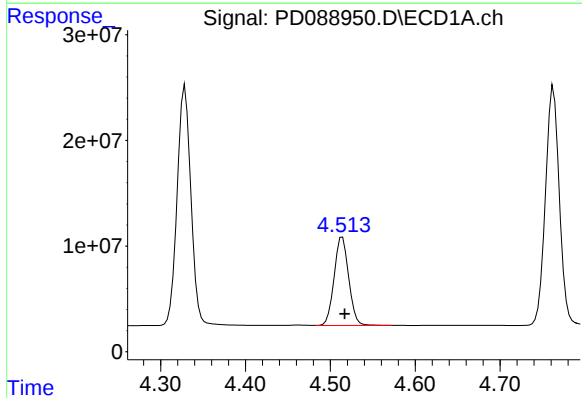
R.T.: 5.270 min  
Delta R.T.: -0.003 min  
Response: 249176998  
Conc: 56.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



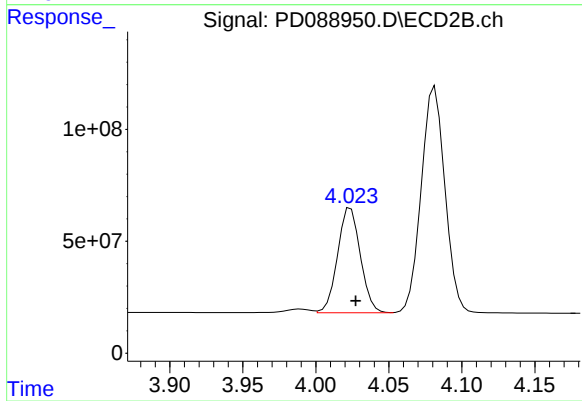
#5 Aldrin

R.T.: 4.367 min  
Delta R.T.: -0.004 min  
Response: 1168310694  
Conc: 53.27 ng/ml



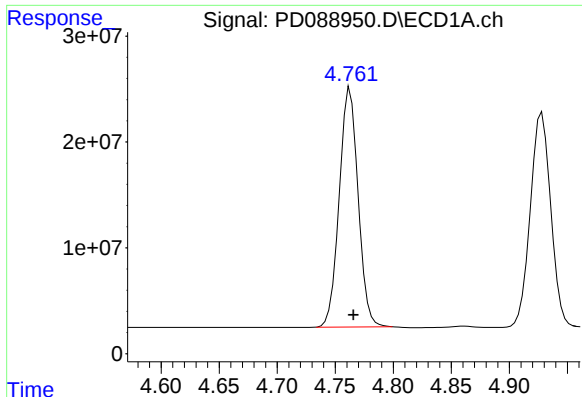
#6 beta-BHC

R.T.: 4.514 min  
Delta R.T.: -0.003 min  
Response: 99553894  
Conc: 55.21 ng/ml



#6 beta-BHC

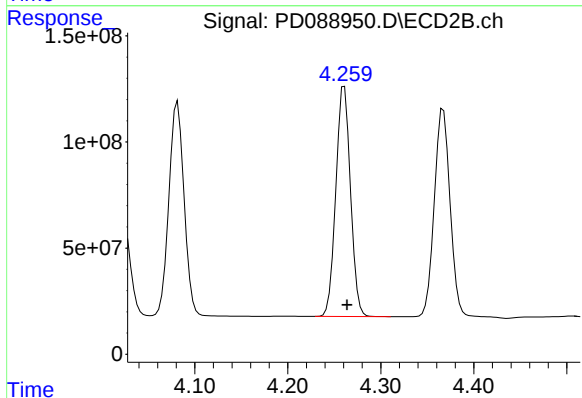
R.T.: 4.024 min  
Delta R.T.: -0.003 min  
Response: 508754754  
Conc: 52.22 ng/ml



#7 delta-BHC

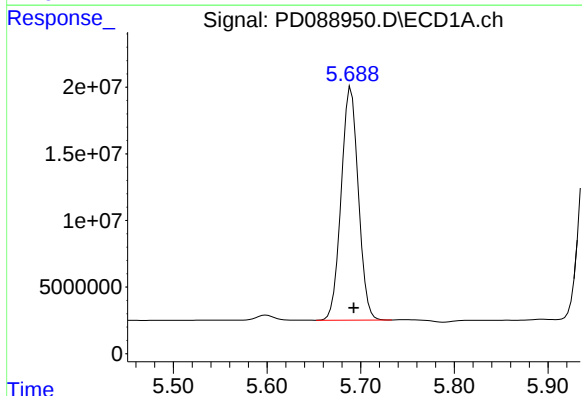
R.T.: 4.763 min  
Delta R.T.: -0.003 min  
Response: 255811314  
Conc: 60.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



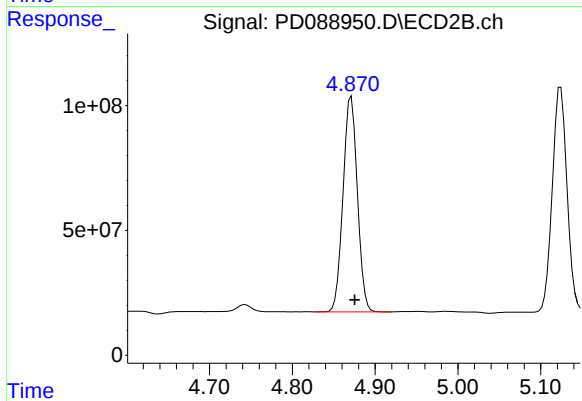
#7 delta-BHC

R.T.: 4.261 min  
Delta R.T.: -0.003 min  
Response: 1186922311  
Conc: 53.24 ng/ml



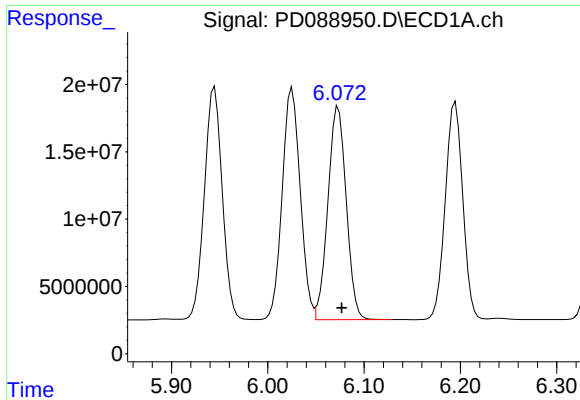
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: -0.003 min  
Response: 222703706  
Conc: 56.11 ng/ml



#8 Heptachlor epoxide

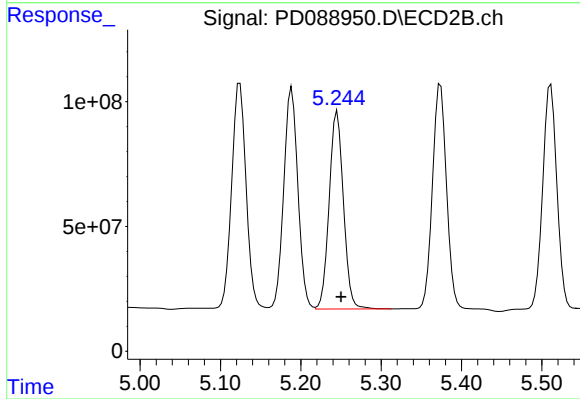
R.T.: 4.871 min  
Delta R.T.: -0.004 min  
Response: 1039340188  
Conc: 52.30 ng/ml



#9 Endosulfan I

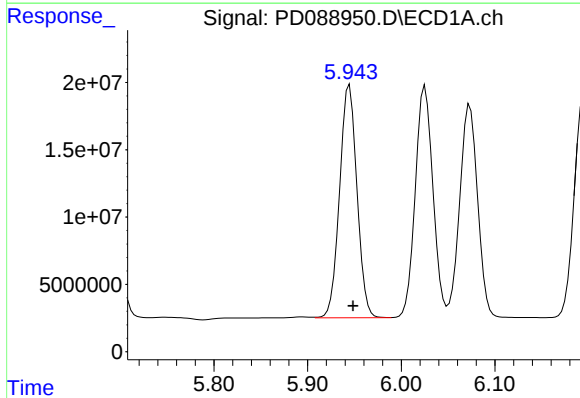
R.T.: 6.073 min  
Delta R.T.: -0.004 min  
Response: 210079973  
Conc: 55.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



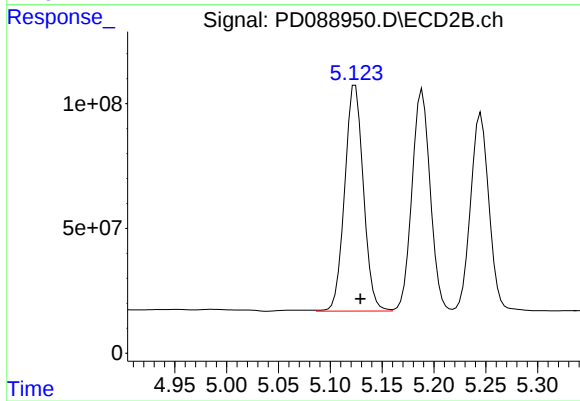
#9 Endosulfan I

R.T.: 5.245 min  
Delta R.T.: -0.004 min  
Response: 977301596  
Conc: 51.50 ng/ml



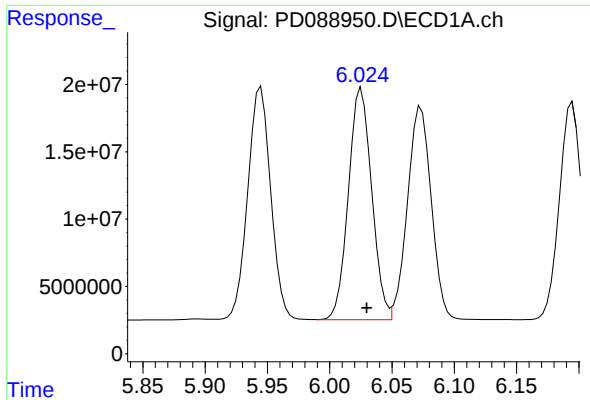
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: -0.004 min  
Response: 223284358  
Conc: 55.98 ng/ml



#10 gamma-Chlordane

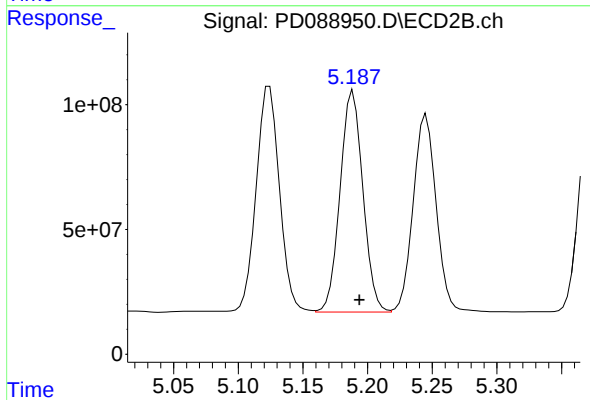
R.T.: 5.124 min  
Delta R.T.: -0.005 min  
Response: 1135403513  
Conc: 53.23 ng/ml



#11 alpha-Chlordane

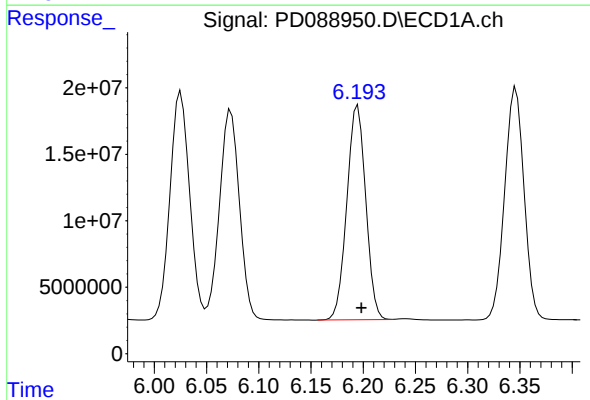
R.T.: 6.025 min  
Delta R.T.: -0.004 min  
Response: 224739089  
Conc: 56.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



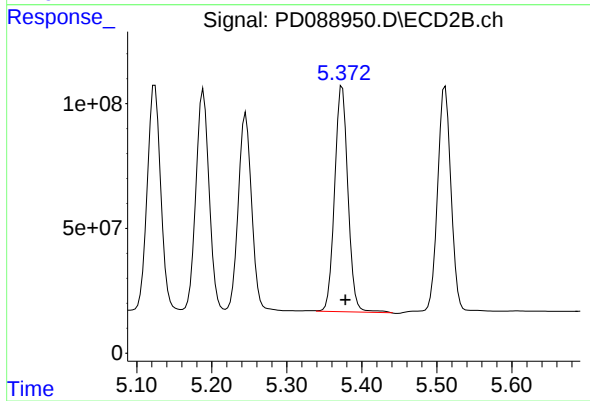
#11 alpha-Chlordane

R.T.: 5.189 min  
Delta R.T.: -0.005 min  
Response: 1086171456  
Conc: 52.66 ng/ml



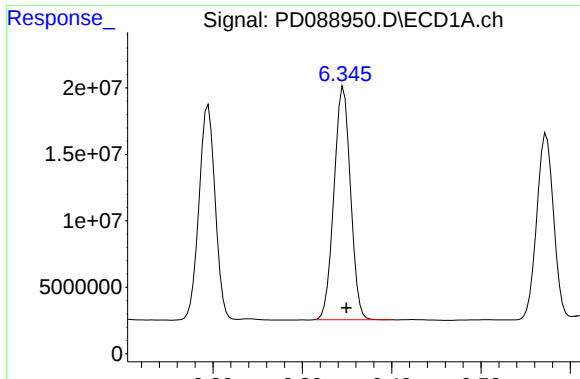
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: -0.003 min  
Response: 202802020  
Conc: 56.50 ng/ml



#12 4,4'-DDE

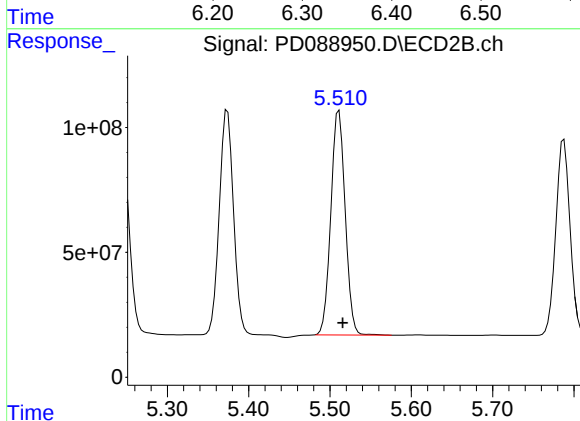
R.T.: 5.374 min  
Delta R.T.: -0.004 min  
Response: 1117566739  
Conc: 53.47 ng/ml



#13 Dieldrin

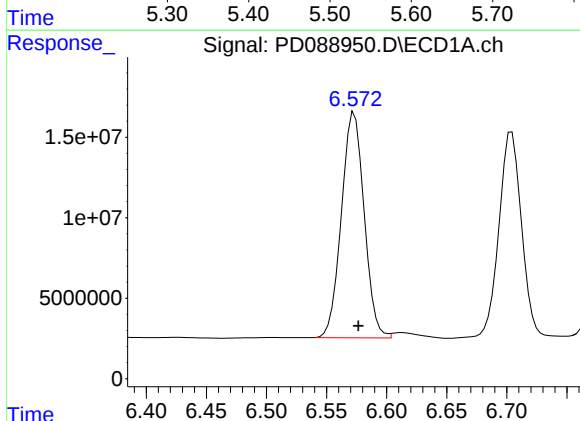
R.T.: 6.346 min  
Delta R.T.: -0.003 min  
Response: 225231814  
Conc: 56.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



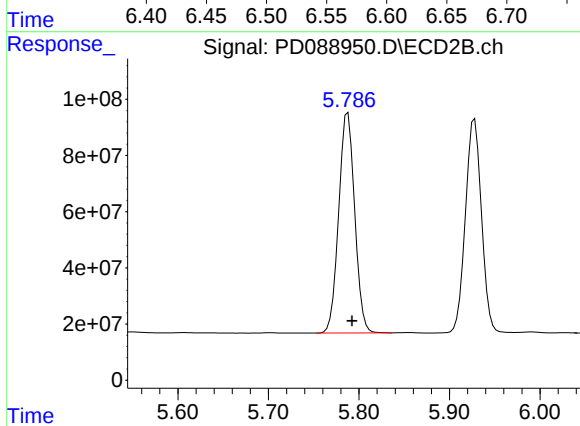
#13 Dieldrin

R.T.: 5.511 min  
Delta R.T.: -0.005 min  
Response: 1104260284  
Conc: 52.47 ng/ml



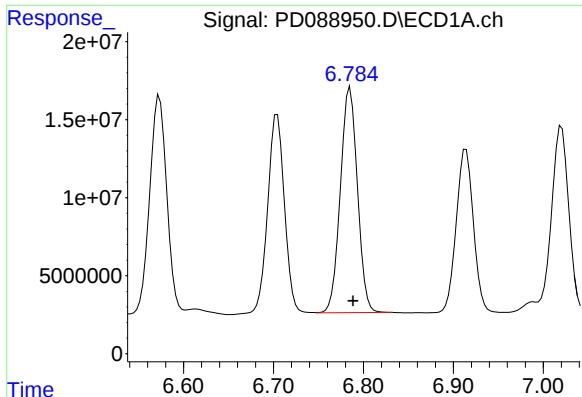
#14 Endrin

R.T.: 6.573 min  
Delta R.T.: -0.003 min  
Response: 184975404  
Conc: 54.16 ng/ml



#14 Endrin

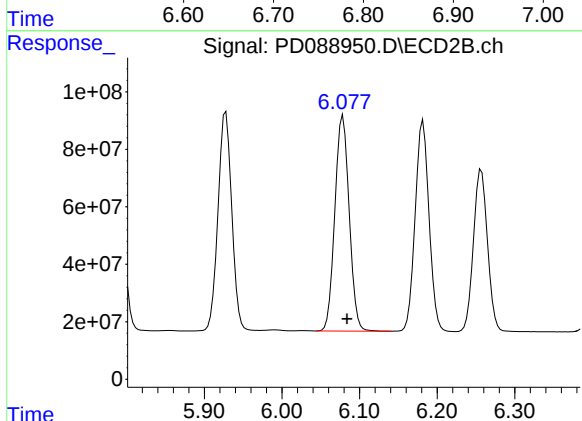
R.T.: 5.788 min  
Delta R.T.: -0.005 min  
Response: 962501281  
Conc: 49.91 ng/ml



#15 Endosulfan II

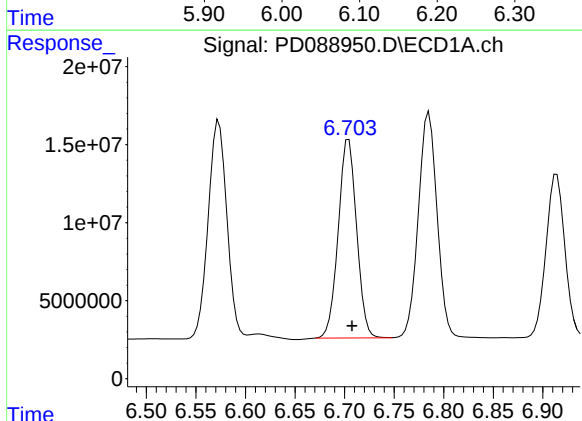
R.T.: 6.785 min  
Delta R.T.: -0.003 min  
Response: 190538686  
Conc: 55.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



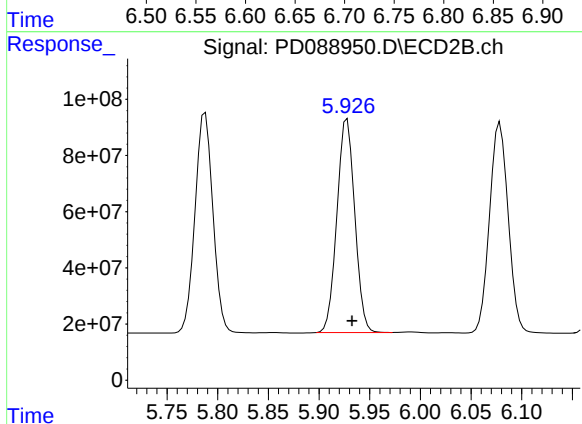
#15 Endosulfan II

R.T.: 6.079 min  
Delta R.T.: -0.005 min  
Response: 963744579  
Conc: 52.60 ng/ml



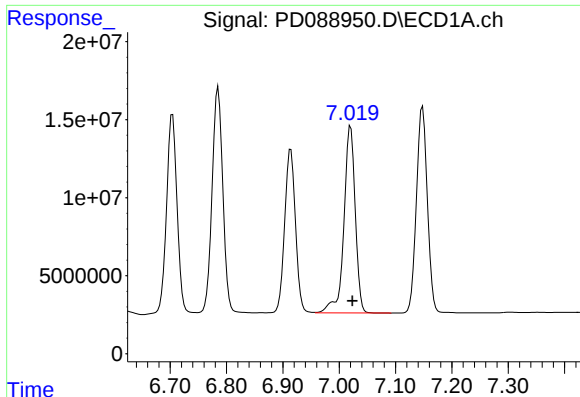
#16 4,4'-DDD

R.T.: 6.704 min  
Delta R.T.: -0.003 min  
Response: 164077222  
Conc: 58.91 ng/ml



#16 4,4'-DDD

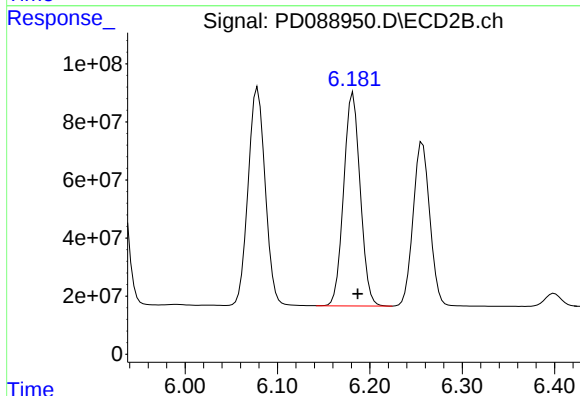
R.T.: 5.928 min  
Delta R.T.: -0.005 min  
Response: 933078013  
Conc: 53.65 ng/ml



#17 4,4'-DDT

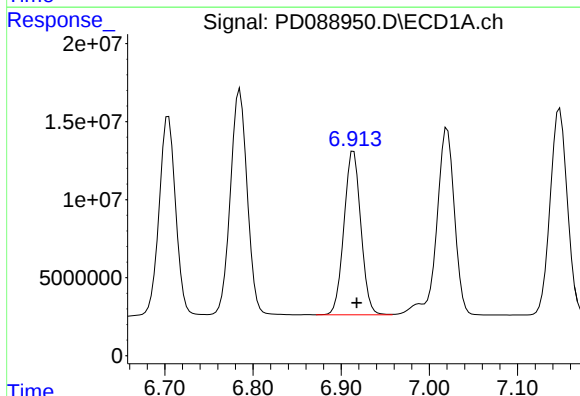
R.T.: 7.020 min  
Delta R.T.: -0.003 min  
Response: 167946361  
Conc: 53.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



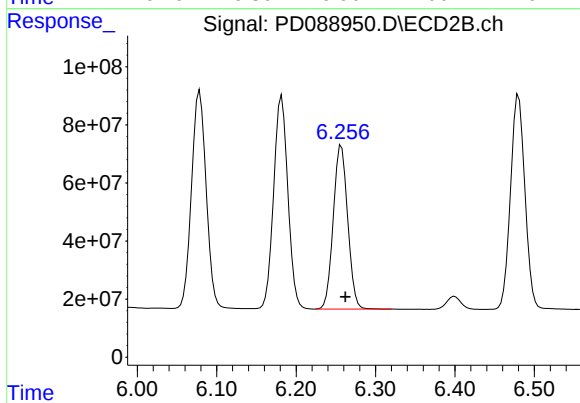
#17 4,4'-DDT

R.T.: 6.182 min  
Delta R.T.: -0.005 min  
Response: 913185485  
Conc: 50.35 ng/ml



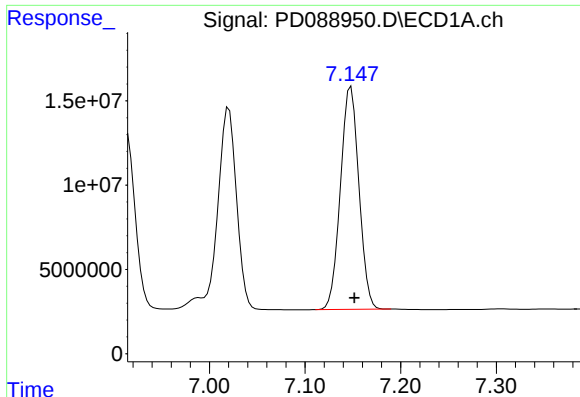
#18 Endrin aldehyde

R.T.: 6.914 min  
Delta R.T.: -0.003 min  
Response: 139546744  
Conc: 54.20 ng/ml



#18 Endrin aldehyde

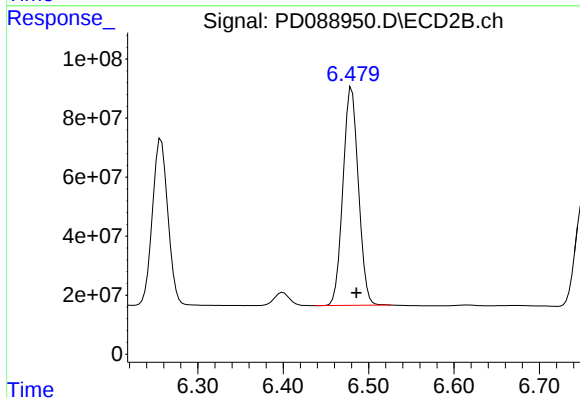
R.T.: 6.257 min  
Delta R.T.: -0.005 min  
Response: 710481134  
Conc: 51.01 ng/ml



#19 Endosulfan Sulfate

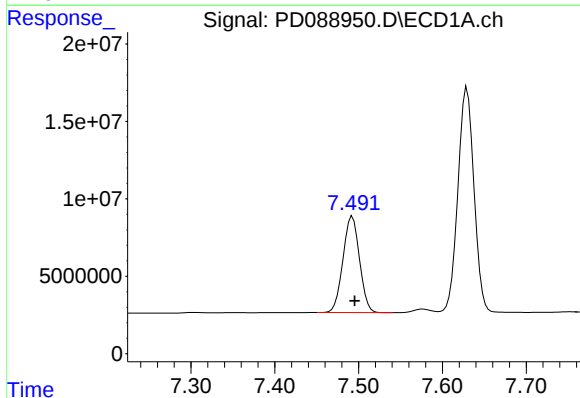
R.T.: 7.148 min  
Delta R.T.: -0.004 min  
Response: 178005192  
Conc: 55.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



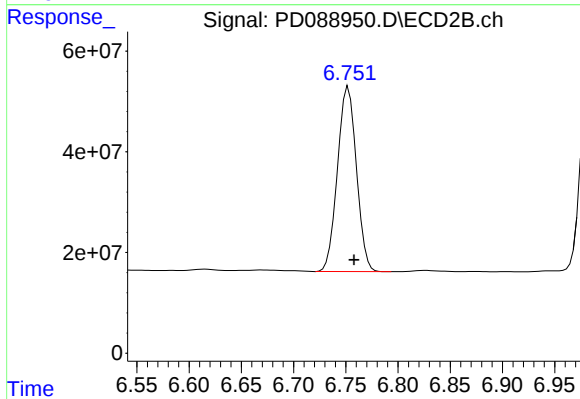
#19 Endosulfan Sulfate

R.T.: 6.480 min  
Delta R.T.: -0.006 min  
Response: 927479718  
Conc: 52.24 ng/ml



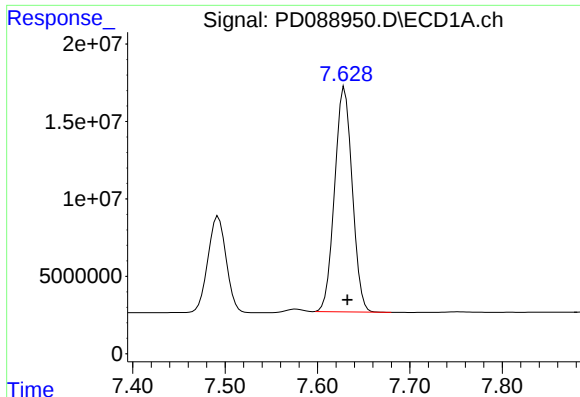
#20 Methoxychlor

R.T.: 7.493 min  
Delta R.T.: -0.003 min  
Response: 85451692  
Conc: 51.15 ng/ml



#20 Methoxychlor

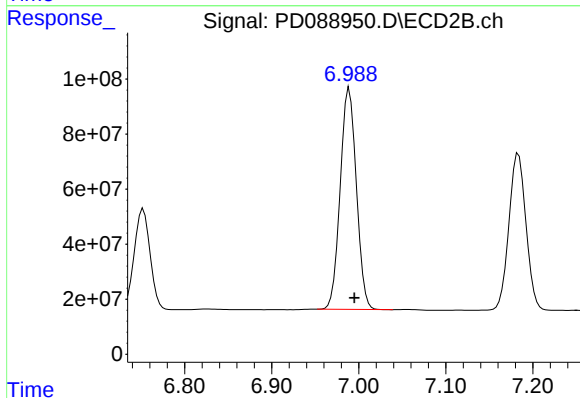
R.T.: 6.752 min  
Delta R.T.: -0.006 min  
Response: 463885496  
Conc: 48.45 ng/ml



#21 Endrin ketone

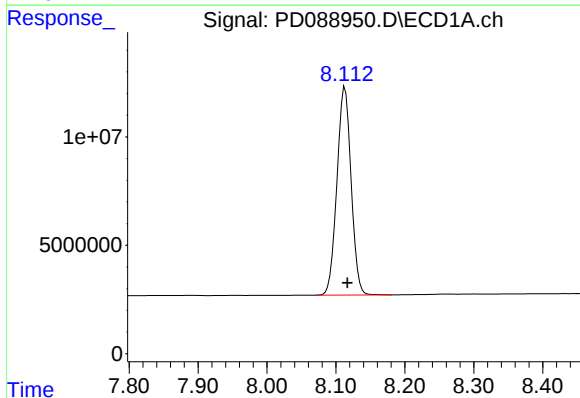
R.T.: 7.629 min  
Delta R.T.: -0.003 min  
Response: 192174821  
Conc: 56.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



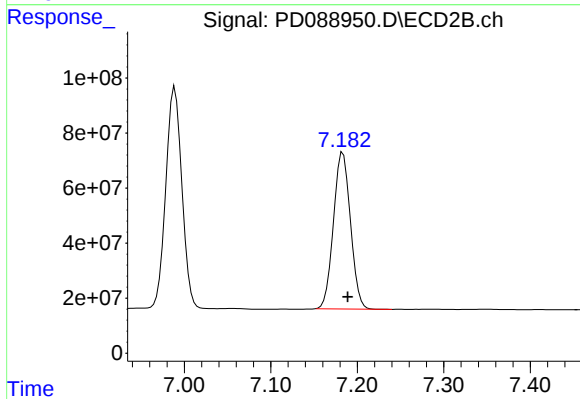
#21 Endrin ketone

R.T.: 6.989 min  
Delta R.T.: -0.006 min  
Response: 1038098971  
Conc: 53.66 ng/ml



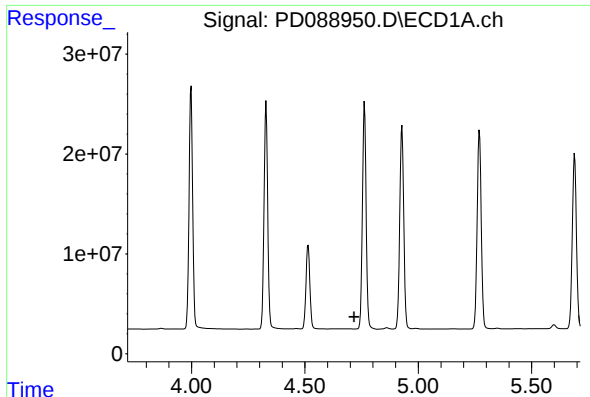
#22 Mirex

R.T.: 8.113 min  
Delta R.T.: -0.004 min  
Response: 137070414  
Conc: 52.75 ng/ml



#22 Mirex

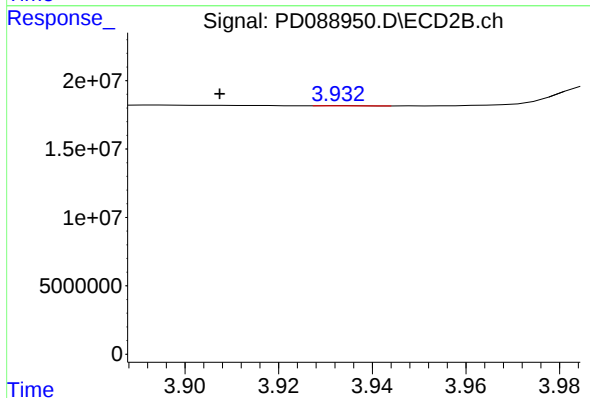
R.T.: 7.184 min  
Delta R.T.: -0.005 min  
Response: 773894542  
Conc: 50.91 ng/ml



#23 Chlordane-1

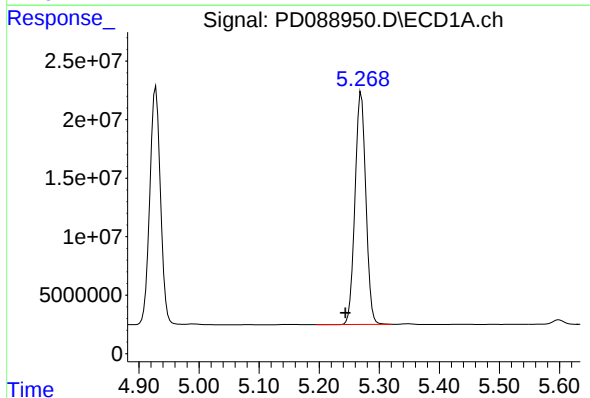
R.T.: 0.000 min  
Exp R.T.: 4.717 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



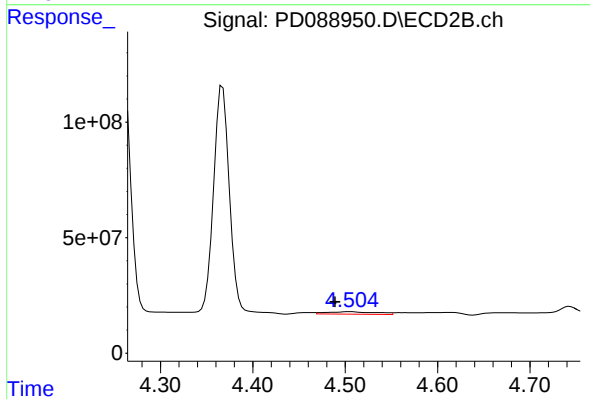
#23 Chlordane-1

R.T.: 3.934 min  
Delta R.T.: 0.026 min  
Response: 127867  
Conc: 0.15 ng/ml



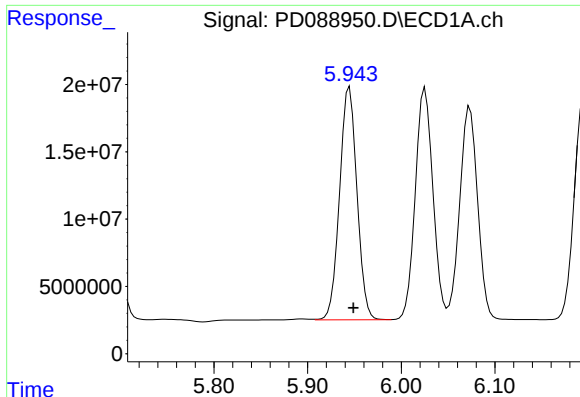
#24 Chlordane-2

R.T.: 5.270 min  
Delta R.T.: 0.026 min  
Response: 249176998  
Conc: 1357.87 ng/ml



#24 Chlordane-2

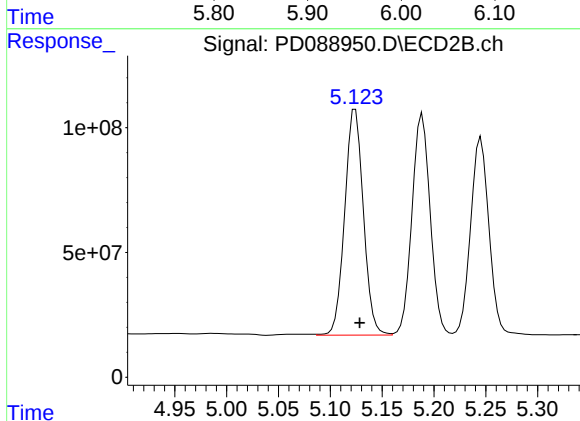
R.T.: 4.506 min  
Delta R.T.: 0.016 min  
Response: 39377288  
Conc: 46.66 ng/ml



#25 Chlordane-3

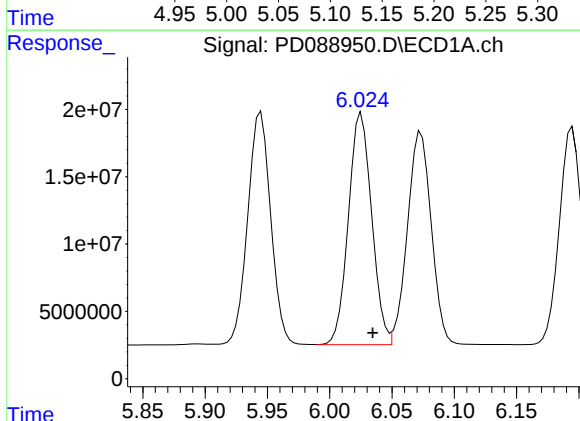
R.T.: 5.945 min  
Delta R.T.: -0.004 min  
Response: 223284358  
Conc: 301.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



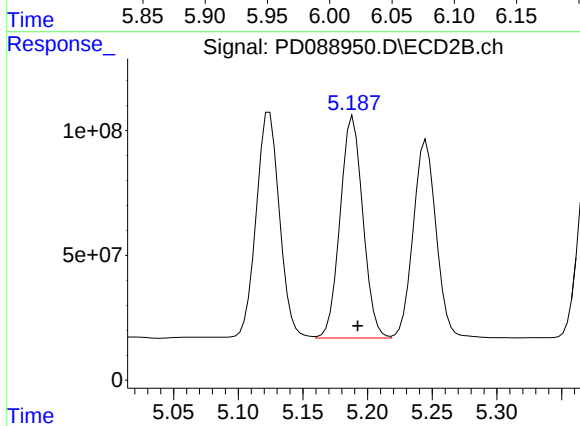
#25 Chlordane-3

R.T.: 5.124 min  
Delta R.T.: -0.004 min  
Response: 1135403513  
Conc: 430.59 ng/ml



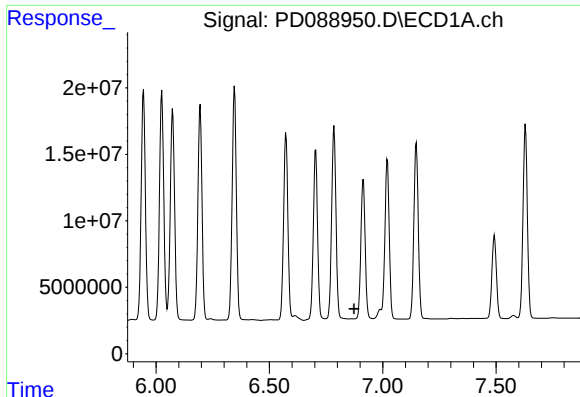
#26 Chlordane-4

R.T.: 6.025 min  
Delta R.T.: -0.009 min  
Response: 224739089  
Conc: 250.77 ng/ml



#26 Chlordane-4

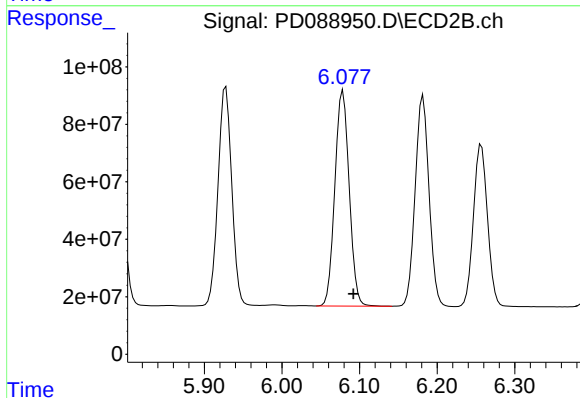
R.T.: 5.189 min  
Delta R.T.: -0.004 min  
Response: 1086171456  
Conc: 490.93 ng/ml



#27 Chlordane-5

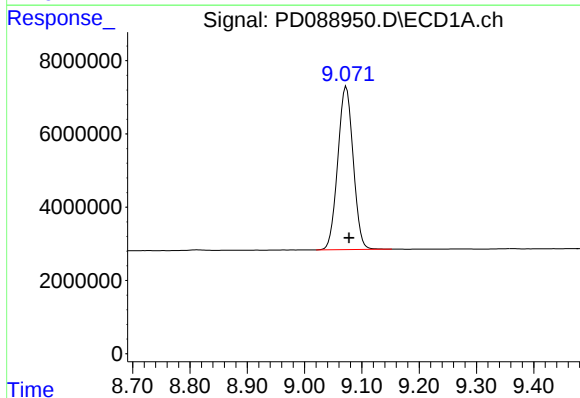
R.T.: 0.000 min  
Exp R.T.: 6.873 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



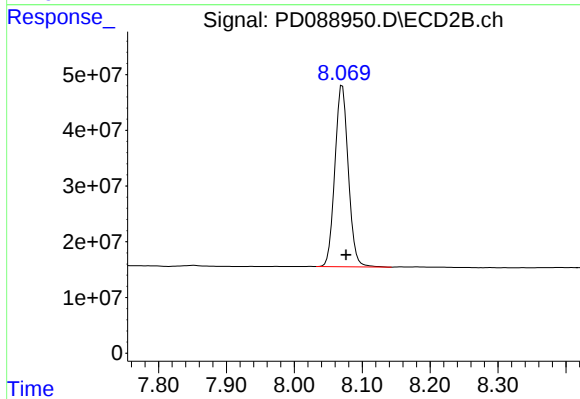
#27 Chlordane-5

R.T.: 6.079 min  
Delta R.T.: -0.014 min  
Response: 963744579  
Conc: 962.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min  
Delta R.T.: -0.005 min  
Response: 83058045  
Conc: 24.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min  
Delta R.T.: -0.006 min  
Response: 446875526  
Conc: 24.48 ng/ml