

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061025\  
 Data File : PD088880.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jun 2025 18:00  
 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 11 07:42:20 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  | 2.880  | 123.4E6  | 739.1E6  | 57.033   | 48.859    |
| 28)                         | SA Decachlor... | 9.073  | 8.073  | 158.4E6  | 733.6E6  | 46.297   | 40.185    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.998  | 3.392  | 257.2E6  | 1170.0E6 | 53.846   | 48.945    |
| 3)                          | MA gamma-BHC... | 4.329  | 3.729  | 242.9E6  | 1082.4E6 | 52.767   | 48.833    |
| 4)                          | MA Heptachlor   | 4.929  | 4.082  | 220.2E6  | 1016.7E6 | 49.242   | 45.277    |
| 5)                          | MB Aldrin       | 5.270  | 4.368  | 227.3E6  | 1068.8E6 | 51.717   | 48.738    |
| 6)                          | B beta-BHC      | 4.514  | 4.025  | 94564611 | 468.9E6  | 52.444   | 48.136    |
| 7)                          | B delta-BHC     | 4.763  | 4.261  | 235.7E6  | 1085.4E6 | 55.781   | 48.685    |
| 8)                          | B Heptachlo...  | 5.690  | 4.872  | 196.6E6  | 943.6E6  | 49.540   | 47.488    |
| 9)                          | A Endosulfan I  | 6.074  | 5.246  | 184.9E6  | 879.5E6  | 49.149   | 46.340    |
| 10)                         | B gamma-Chl...  | 5.945  | 5.125  | 199.9E6  | 1013.6E6 | 50.110   | 47.517    |
| 11)                         | B alpha-Chl...  | 6.026  | 5.190  | 199.2E6  | 971.0E6  | 49.713   | 47.080    |
| 12)                         | B 4,4'-DDE      | 6.195  | 5.375  | 177.3E6  | 993.6E6  | 49.409   | 47.537    |
| 13)                         | MA Dieldrin     | 6.346  | 5.512  | 195.1E6  | 977.8E6  | 48.631   | 46.463    |
| 14)                         | MA Endrin       | 6.574  | 5.789  | 163.9E6  | 879.0E6  | 47.983   | 45.584    |
| 15)                         | B Endosulfa...  | 6.786  | 6.081  | 161.4E6  | 834.0E6  | 46.870   | 45.520    |
| 16)                         | A 4,4'-DDD      | 6.704  | 5.930  | 139.2E6  | 810.5E6  | 49.981   | 46.600    |
| 17)                         | MA 4,4'-DDT     | 7.020  | 6.184  | 141.8E6  | 781.2E6  | 45.428   | 43.073    |
| 18)                         | B Endrin al...  | 6.915  | 6.259  | 118.1E6  | 602.0E6  | 45.859   | 43.222    |
| 19)                         | B Endosulfa...  | 7.149  | 6.482  | 146.7E6  | 790.9E6  | 45.785   | 44.545    |
| 20)                         | A Methoxychlor  | 7.492  | 6.754  | 71809649 | 395.2E6  | 42.986   | 41.277    |
| 21)                         | B Endrin ke...  | 7.630  | 6.992  | 160.1E6  | 841.0E6  | 46.756   | 43.471    |
| 22)                         | Mirex           | 8.114  | 7.185  | 113.8E6  | 629.7E6  | 43.800   | 41.420    |
| 23)                         | Chlordane-1     | 0.000  | 3.945f | 0        | 468034   | N.D.     | 0.566 #   |
| 24)                         | Chlordane-2     | 5.270f | 4.506  | 227.3E6  | 31807474 | 1238.488 | 37.686 #  |
| 25)                         | Chlordane-3     | 5.945  | 5.125  | 199.9E6  | 1013.6E6 | 270.153  | 384.411 # |
| 26)                         | Chlordane-4     | 6.026  | 5.190  | 199.2E6  | 971.0E6  | 222.236  | 438.881 # |
| 27)                         | Chlordane-5     | 0.000  | 6.081  | 0        | 834.0E6  | N.D.     | 833.292 # |
| -----                       |                 |        |        |          |          |          |           |

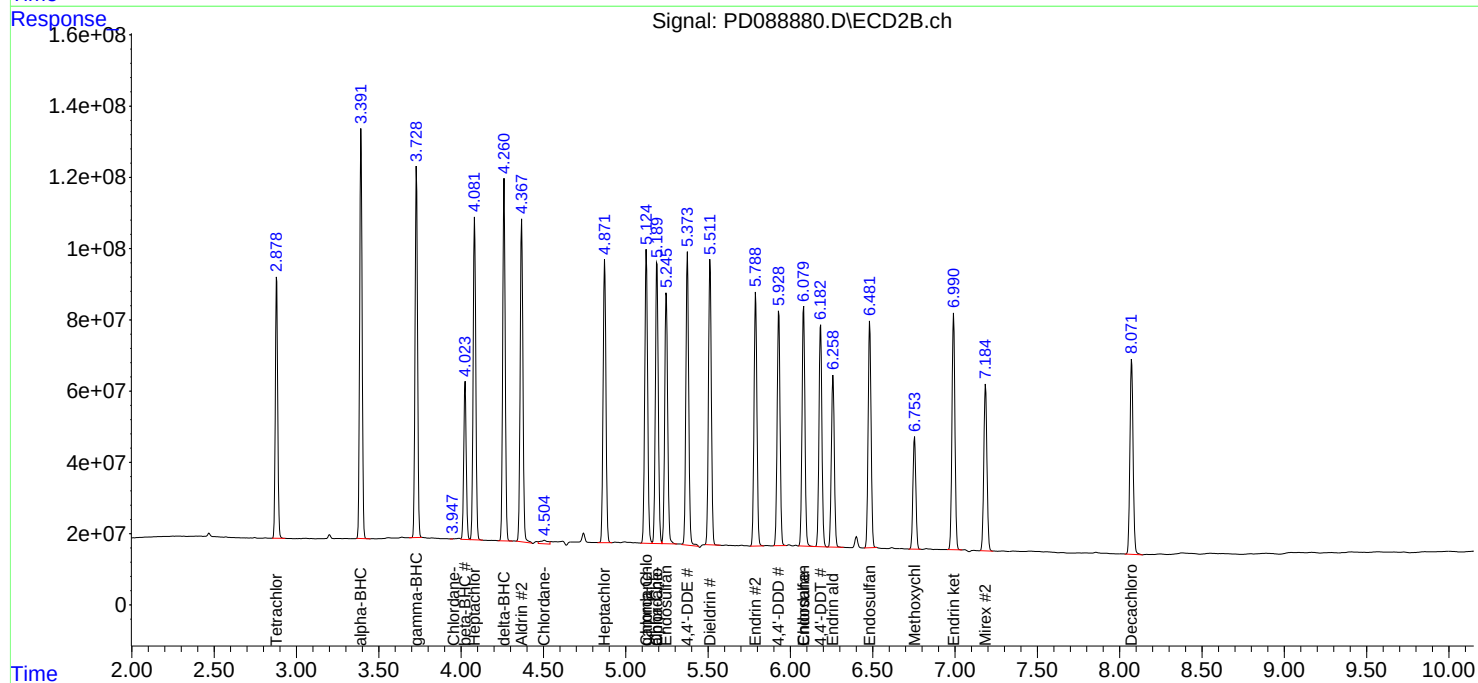
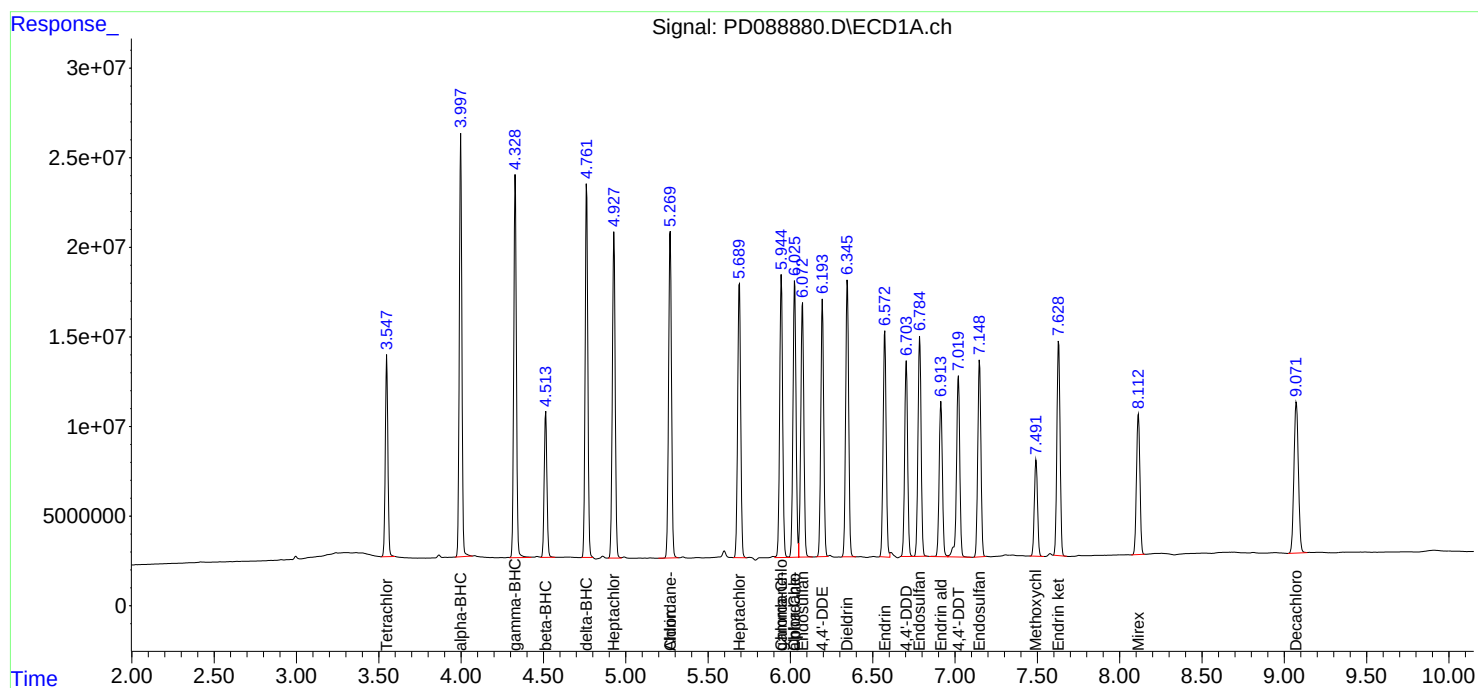
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

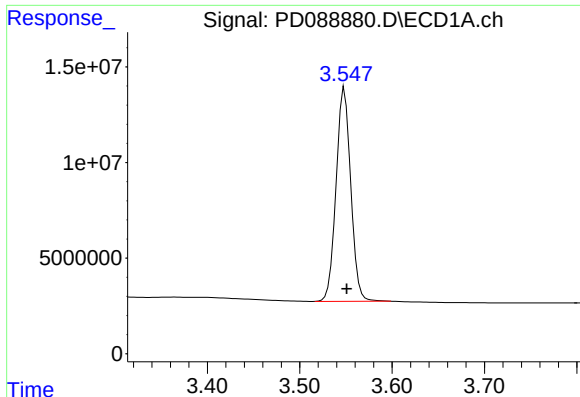
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061025\  
Data File : PD088880.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jun 2025 18:00  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 11 07:42:20 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

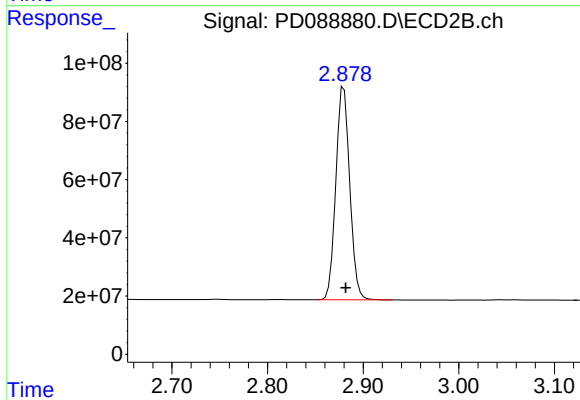




#1 Tetrachloro-m-xylene

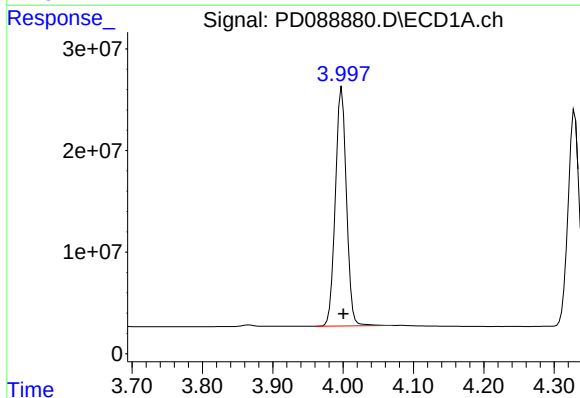
R.T.: 3.548 min  
Delta R.T.: -0.003 min  
Response: 123404573  
Conc: 57.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



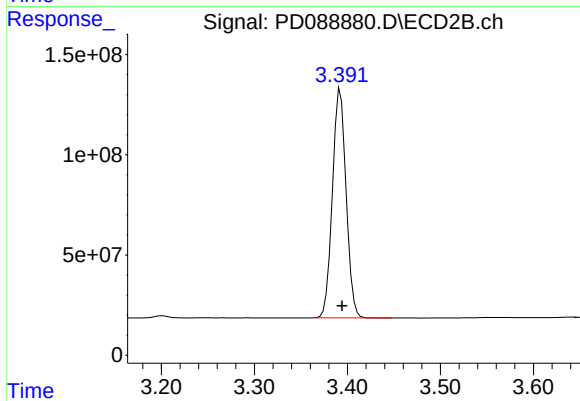
#1 Tetrachloro-m-xylene

R.T.: 2.880 min  
Delta R.T.: -0.002 min  
Response: 739076922  
Conc: 48.86 ng/ml



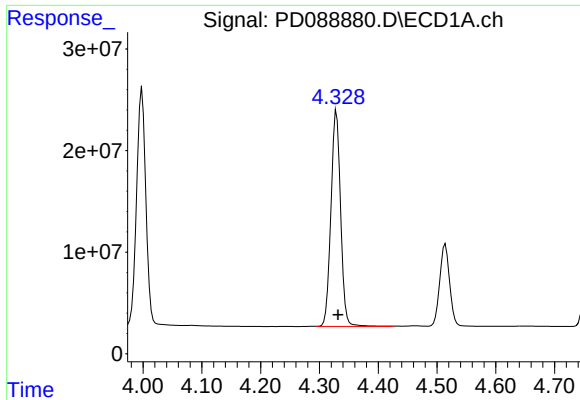
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: -0.002 min  
Response: 257200097  
Conc: 53.85 ng/ml



#2 alpha-BHC

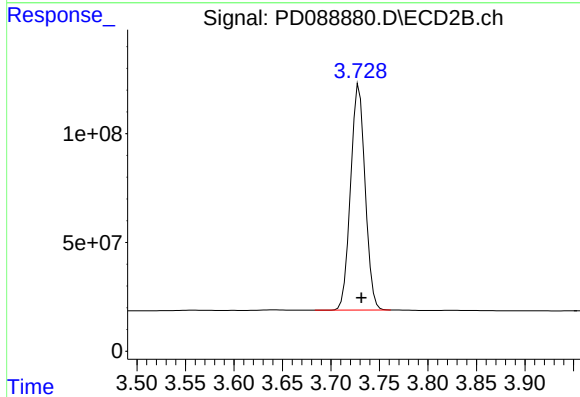
R.T.: 3.392 min  
Delta R.T.: -0.002 min  
Response: 1169969854  
Conc: 48.95 ng/ml



#3 gamma-BHC (Lindane)

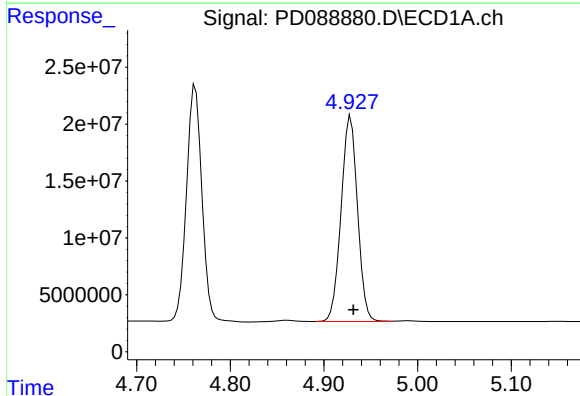
R.T.: 4.329 min  
Delta R.T.: -0.002 min  
Response: 242872147  
Conc: 52.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



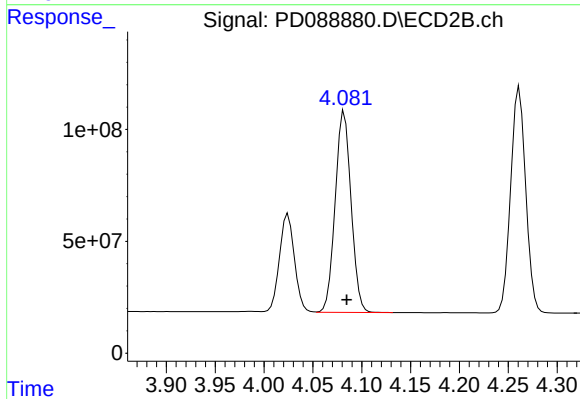
#3 gamma-BHC (Lindane)

R.T.: 3.729 min  
Delta R.T.: -0.002 min  
Response: 1082421373  
Conc: 48.83 ng/ml



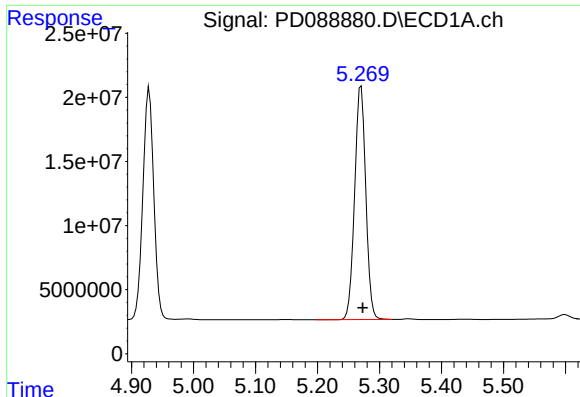
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: -0.003 min  
Response: 220170587  
Conc: 49.24 ng/ml



#4 Heptachlor

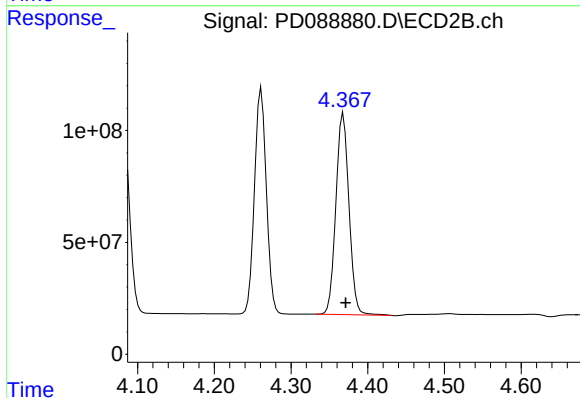
R.T.: 4.082 min  
Delta R.T.: -0.003 min  
Response: 1016682620  
Conc: 45.28 ng/ml



#5 Aldrin

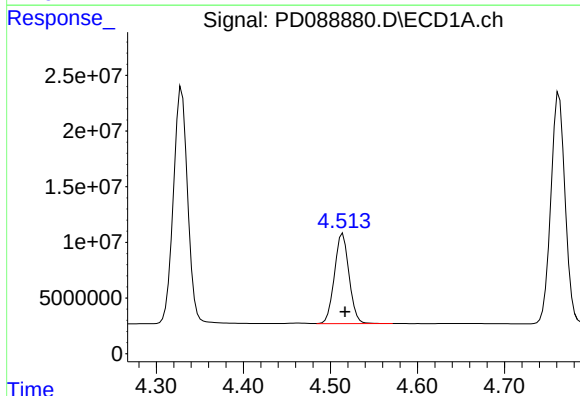
R.T.: 5.270 min  
Delta R.T.: -0.003 min  
Response: 227269140  
Conc: 51.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



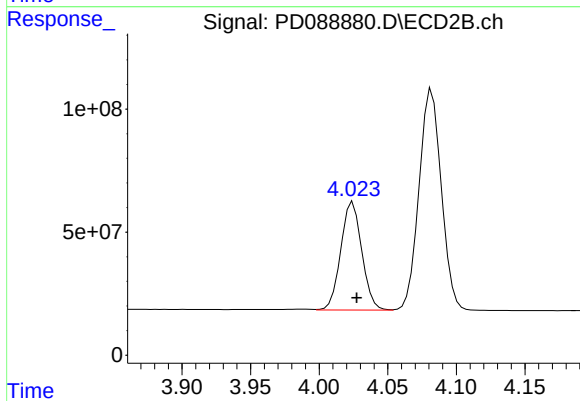
#5 Aldrin

R.T.: 4.368 min  
Delta R.T.: -0.003 min  
Response: 1068817558  
Conc: 48.74 ng/ml



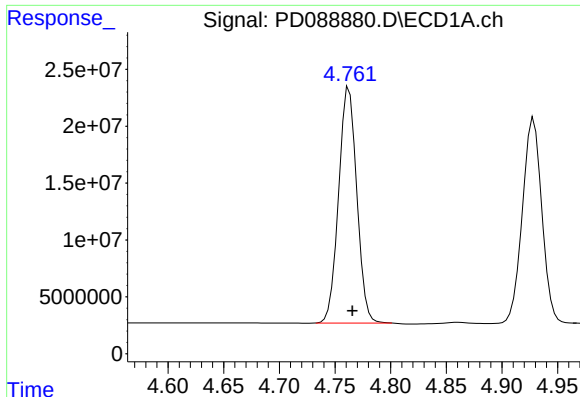
#6 beta-BHC

R.T.: 4.514 min  
Delta R.T.: -0.002 min  
Response: 94564611  
Conc: 52.44 ng/ml



#6 beta-BHC

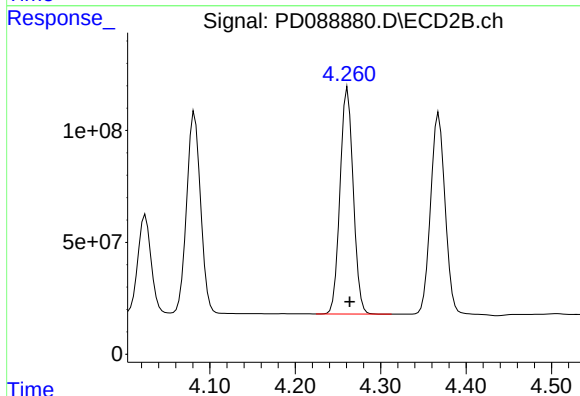
R.T.: 4.025 min  
Delta R.T.: -0.003 min  
Response: 468938371  
Conc: 48.14 ng/ml



#7 delta-BHC

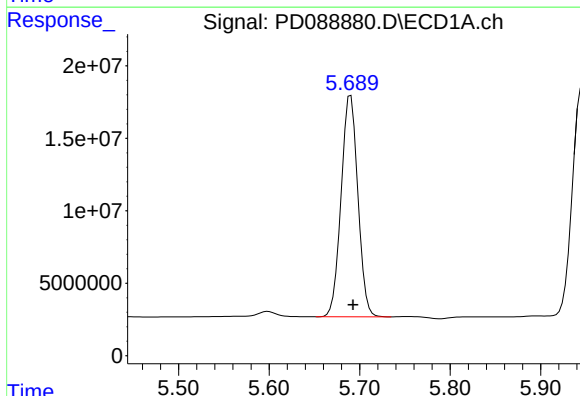
R.T.: 4.763 min  
Delta R.T.: -0.003 min  
Response: 235736526  
Conc: 55.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



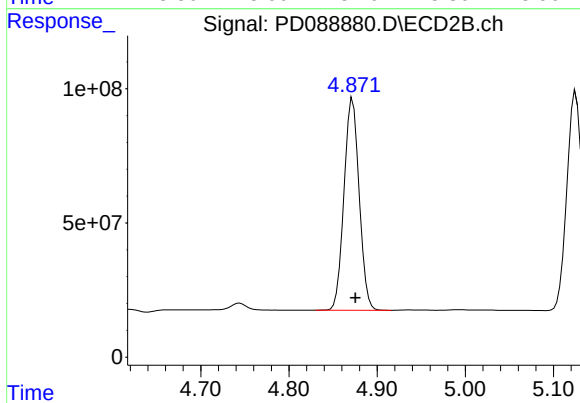
#7 delta-BHC

R.T.: 4.261 min  
Delta R.T.: -0.002 min  
Response: 1085387494  
Conc: 48.68 ng/ml



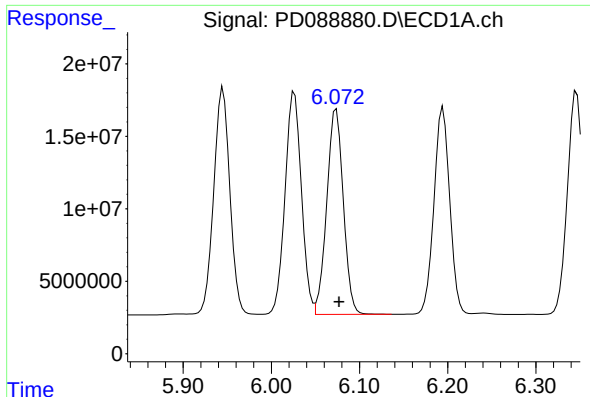
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: -0.003 min  
Response: 196640316  
Conc: 49.54 ng/ml



#8 Heptachlor epoxide

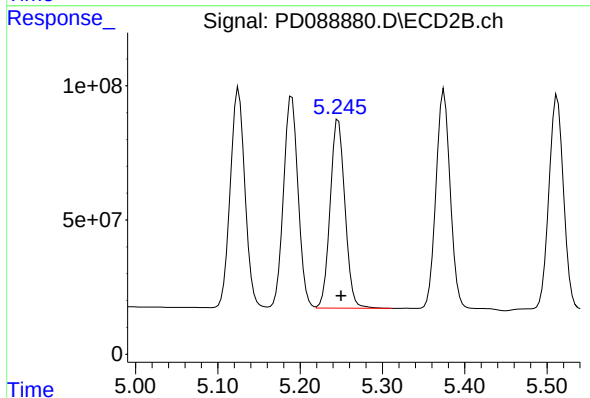
R.T.: 4.872 min  
Delta R.T.: -0.003 min  
Response: 943648613  
Conc: 47.49 ng/ml



#9 Endosulfan I

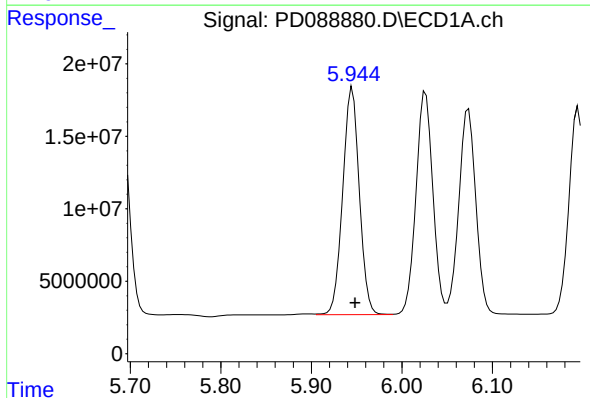
R.T.: 6.074 min  
Delta R.T.: -0.003 min  
Response: 184942056  
Conc: 49.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



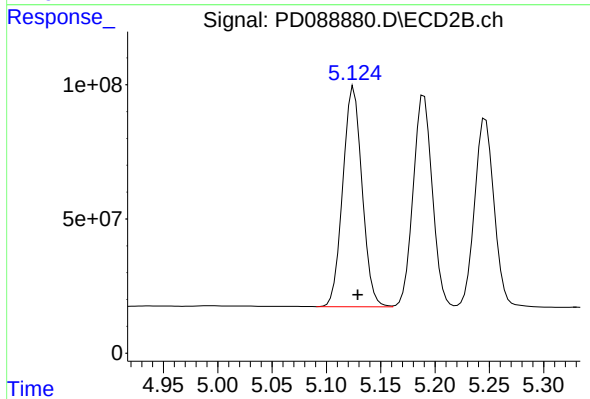
#9 Endosulfan I

R.T.: 5.246 min  
Delta R.T.: -0.003 min  
Response: 879456845  
Conc: 46.34 ng/ml



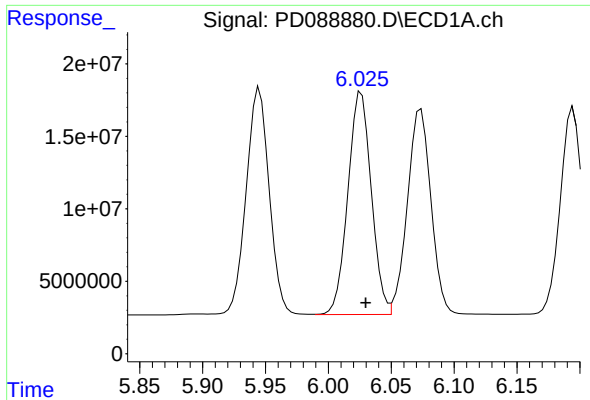
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: -0.003 min  
Response: 199887582  
Conc: 50.11 ng/ml



#10 gamma-Chlordane

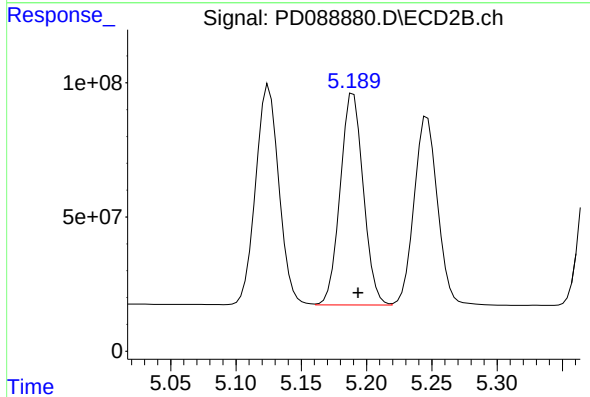
R.T.: 5.125 min  
Delta R.T.: -0.004 min  
Response: 1013626912  
Conc: 47.52 ng/ml



#11 alpha-Chlordane

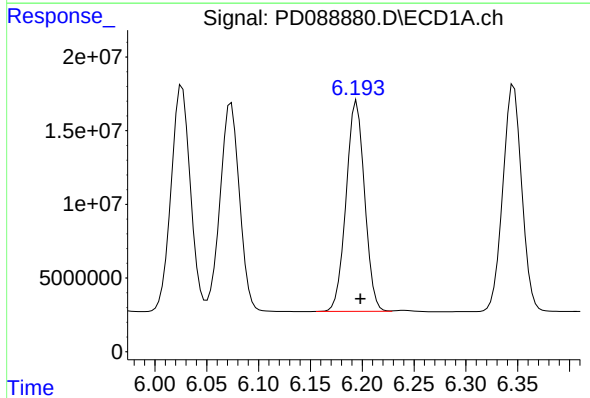
R.T.: 6.026 min  
Delta R.T.: -0.004 min  
Response: 199164232  
Conc: 49.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



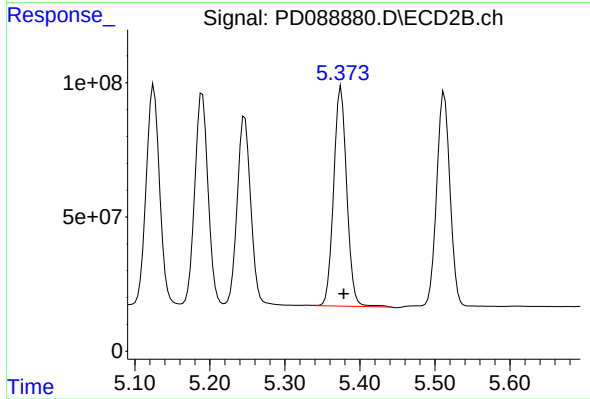
#11 alpha-Chlordane

R.T.: 5.190 min  
Delta R.T.: -0.004 min  
Response: 971020410  
Conc: 47.08 ng/ml



#12 4,4'-DDE

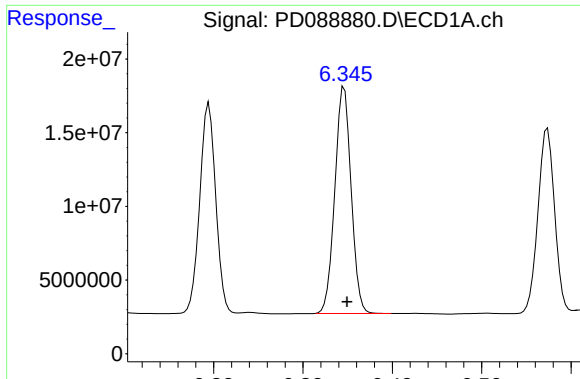
R.T.: 6.195 min  
Delta R.T.: -0.003 min  
Response: 177346652  
Conc: 49.41 ng/ml



#12 4,4'-DDE

R.T.: 5.375 min  
Delta R.T.: -0.003 min  
Response: 993641522  
Conc: 47.54 ng/ml

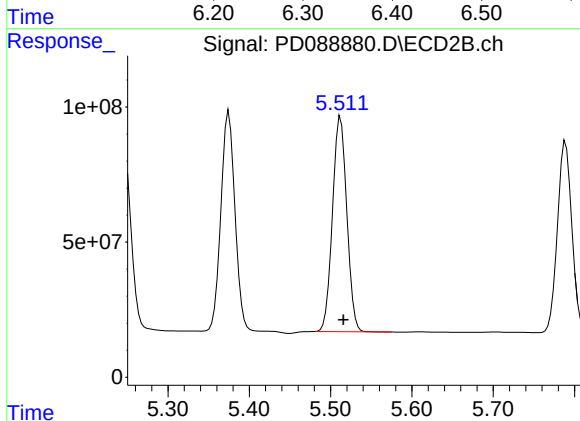




#13 Dieldrin

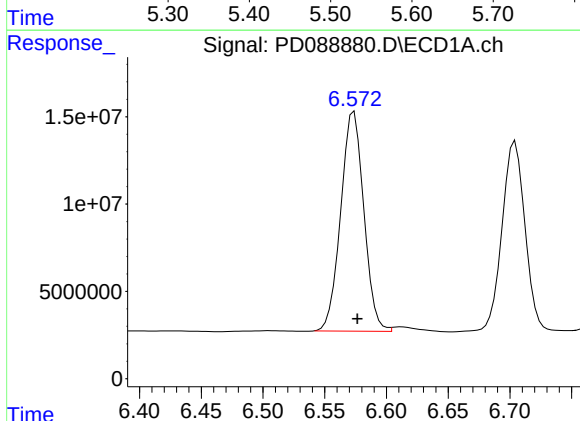
R.T.: 6.346 min  
Delta R.T.: -0.003 min  
Response: 195094277  
Conc: 48.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



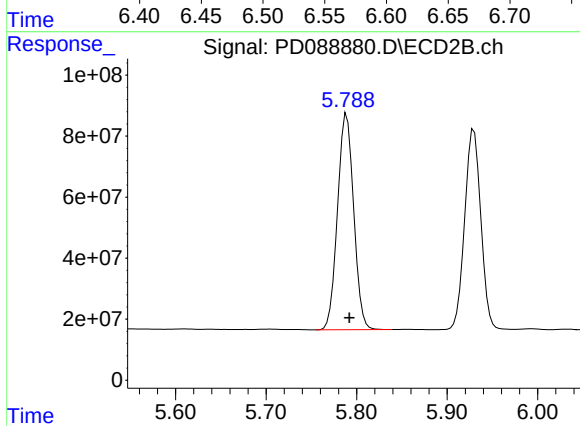
#13 Dieldrin

R.T.: 5.512 min  
Delta R.T.: -0.003 min  
Response: 977769177  
Conc: 46.46 ng/ml



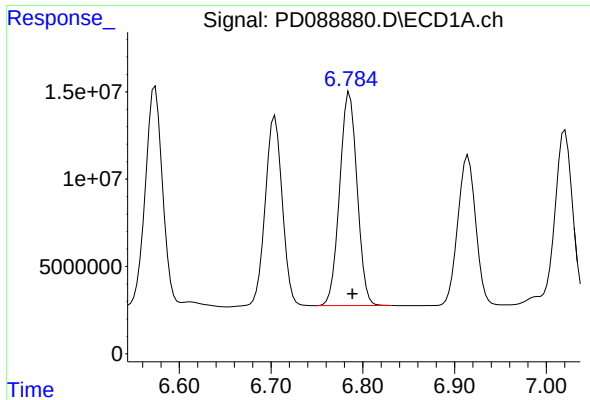
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: -0.003 min  
Response: 163871877  
Conc: 47.98 ng/ml



#14 Endrin

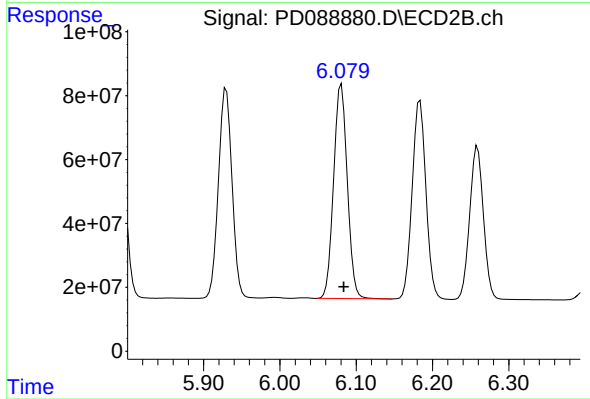
R.T.: 5.789 min  
Delta R.T.: -0.003 min  
Response: 879047386  
Conc: 45.58 ng/ml



#15 Endosulfan II

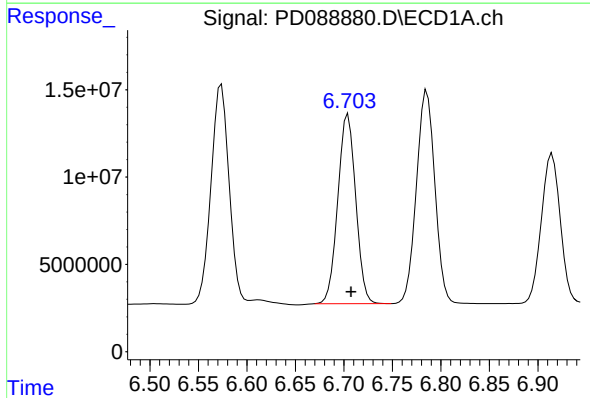
R.T.: 6.786 min  
Delta R.T.: -0.003 min  
Response: 161402573  
Conc: 46.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



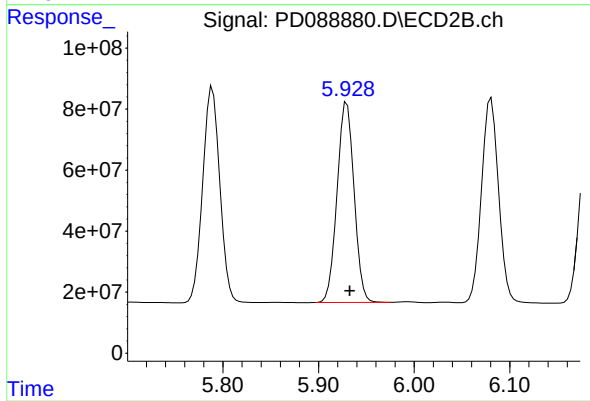
#15 Endosulfan II

R.T.: 6.081 min  
Delta R.T.: -0.003 min  
Response: 834003347  
Conc: 45.52 ng/ml



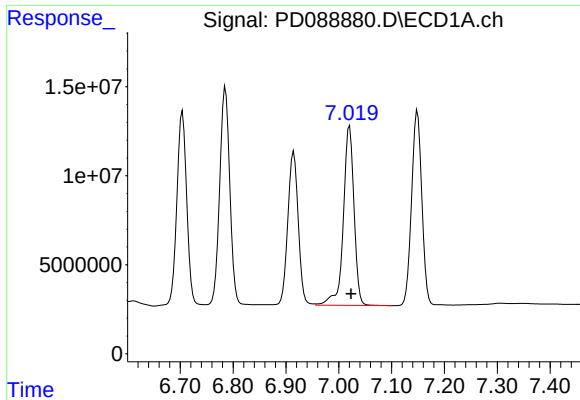
#16 4,4'-DDD

R.T.: 6.704 min  
Delta R.T.: -0.003 min  
Response: 139203317  
Conc: 49.98 ng/ml



#16 4,4'-DDD

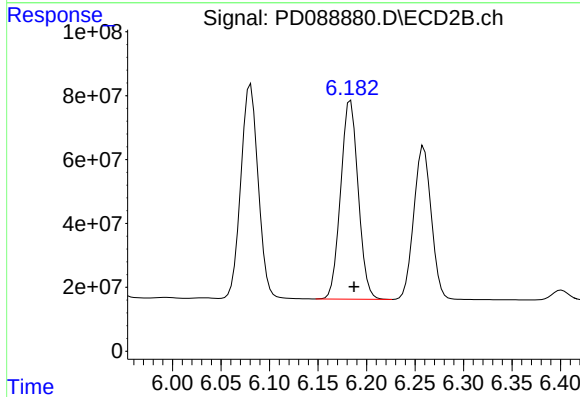
R.T.: 5.930 min  
Delta R.T.: -0.003 min  
Response: 810485629  
Conc: 46.60 ng/ml



#17 4,4'-DDT

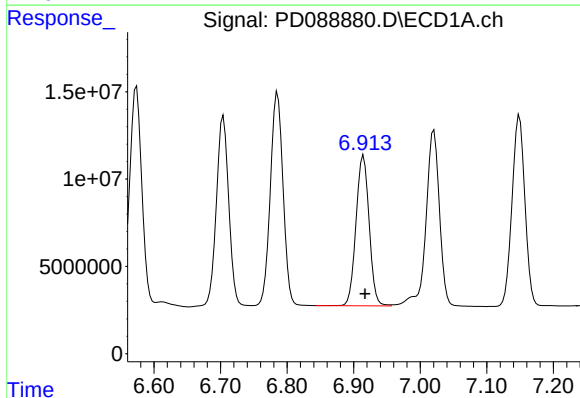
R.T.: 7.020 min  
Delta R.T.: -0.003 min  
Response: 141826899  
Conc: 45.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



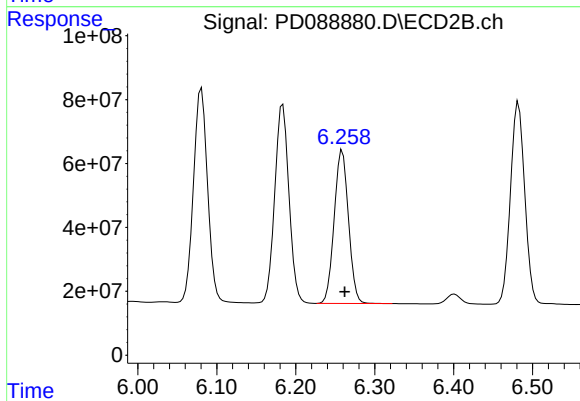
#17 4,4'-DDT

R.T.: 6.184 min  
Delta R.T.: -0.003 min  
Response: 781221405  
Conc: 43.07 ng/ml



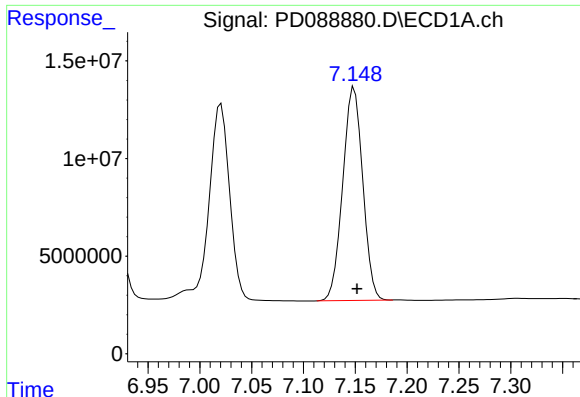
#18 Endrin aldehyde

R.T.: 6.915 min  
Delta R.T.: -0.003 min  
Response: 118067821  
Conc: 45.86 ng/ml



#18 Endrin aldehyde

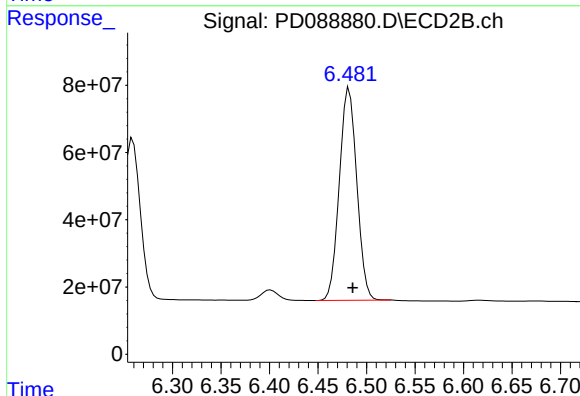
R.T.: 6.259 min  
Delta R.T.: -0.003 min  
Response: 602027213  
Conc: 43.22 ng/ml



#19 Endosulfan Sulfate

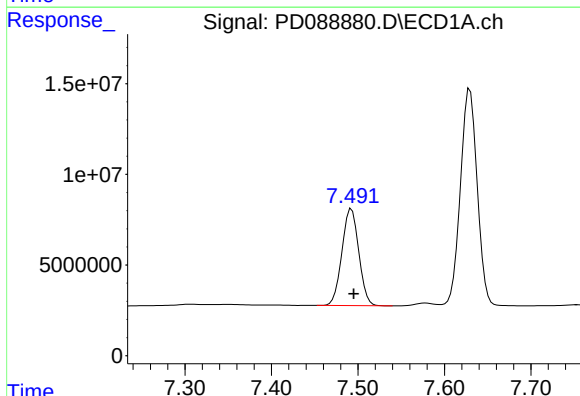
R.T.: 7.149 min  
Delta R.T.: -0.003 min  
Response: 146651997  
Conc: 45.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



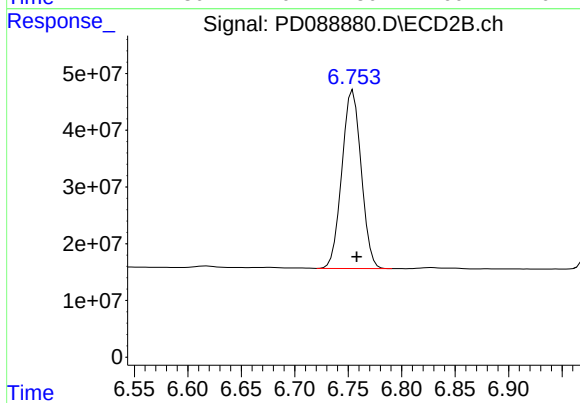
#19 Endosulfan Sulfate

R.T.: 6.482 min  
Delta R.T.: -0.004 min  
Response: 790939451  
Conc: 44.55 ng/ml



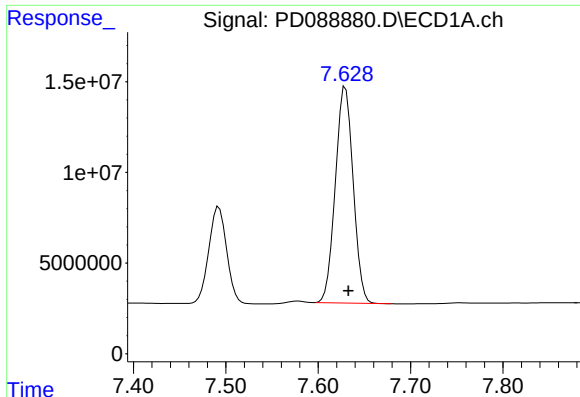
#20 Methoxychlor

R.T.: 7.492 min  
Delta R.T.: -0.003 min  
Response: 71809649  
Conc: 42.99 ng/ml



#20 Methoxychlor

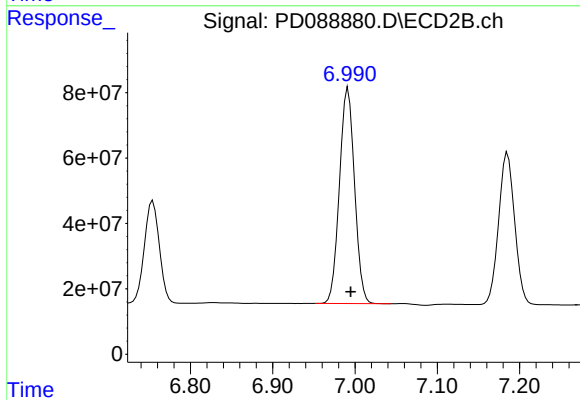
R.T.: 6.754 min  
Delta R.T.: -0.004 min  
Response: 395221992  
Conc: 41.28 ng/ml



#21 Endrin ketone

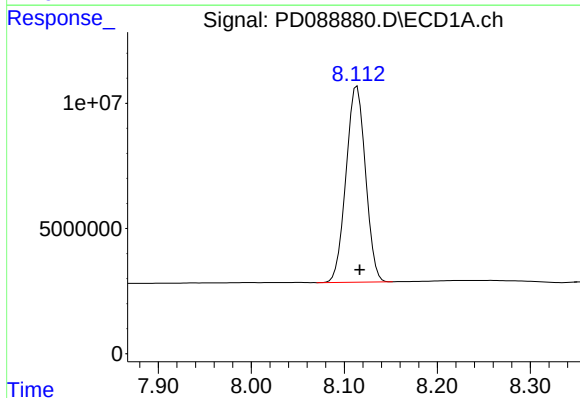
R.T.: 7.630 min  
Delta R.T.: -0.003 min  
Response: 160052840  
Conc: 46.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



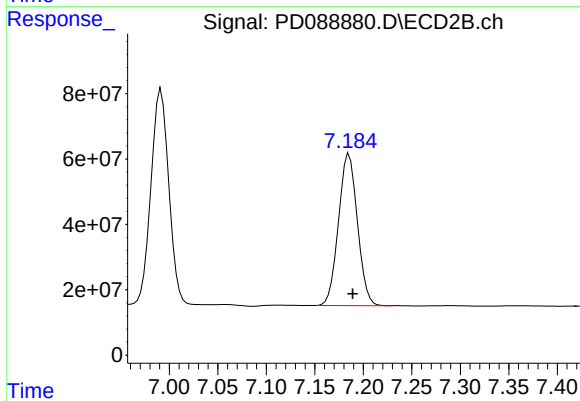
#21 Endrin ketone

R.T.: 6.992 min  
Delta R.T.: -0.003 min  
Response: 841041919  
Conc: 43.47 ng/ml



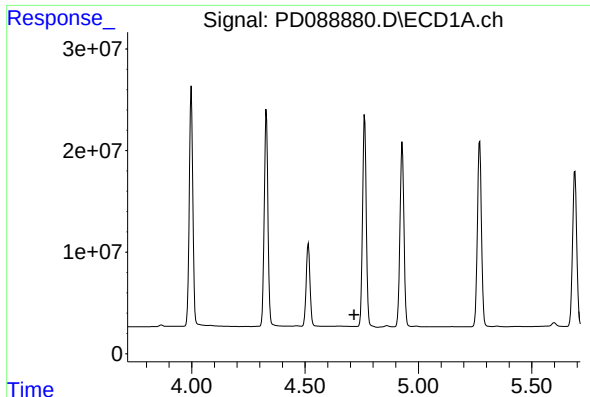
#22 Mirex

R.T.: 8.114 min  
Delta R.T.: -0.003 min  
Response: 113805342  
Conc: 43.80 ng/ml



#22 Mirex

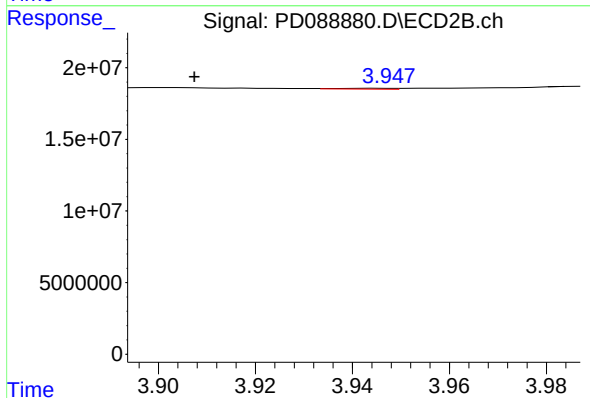
R.T.: 7.185 min  
Delta R.T.: -0.004 min  
Response: 629676525  
Conc: 41.42 ng/ml



#23 Chlordane-1

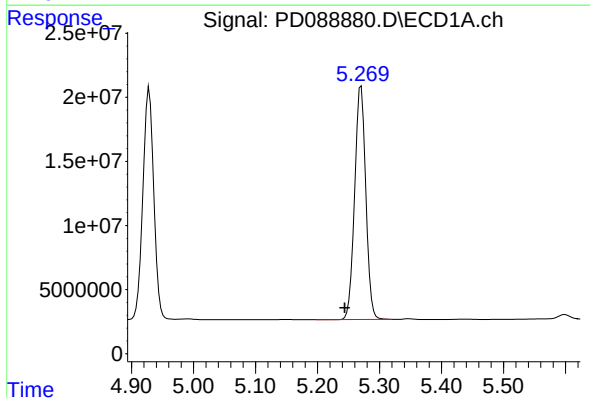
R.T.: 0.000 min  
Exp R.T.: 4.717 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



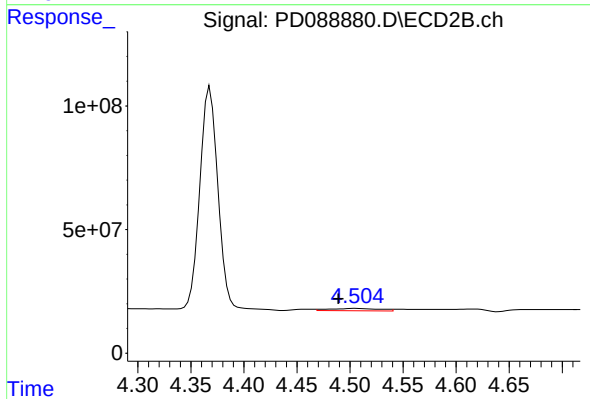
#23 Chlordane-1

R.T.: 3.945 min  
Delta R.T.: 0.037 min  
Response: 468034  
Conc: 0.57 ng/ml



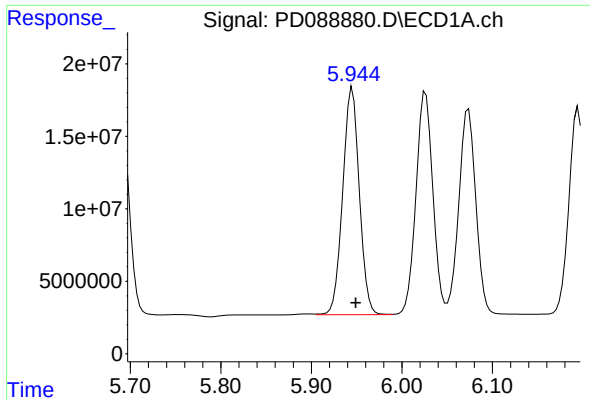
#24 Chlordane-2

R.T.: 5.270 min  
Delta R.T.: 0.027 min  
Response: 227269140  
Conc: 1238.49 ng/ml



#24 Chlordane-2

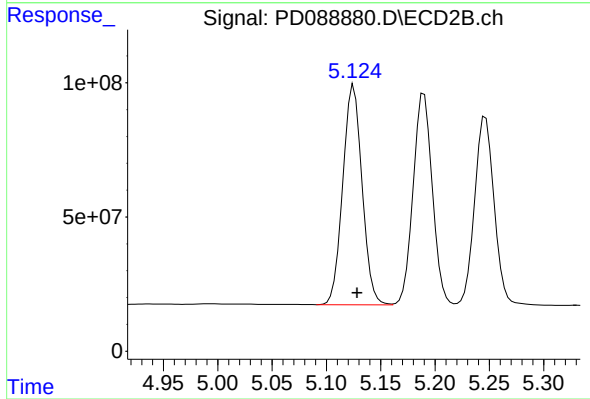
R.T.: 4.506 min  
Delta R.T.: 0.017 min  
Response: 31807474  
Conc: 37.69 ng/ml



#25 Chlordane-3

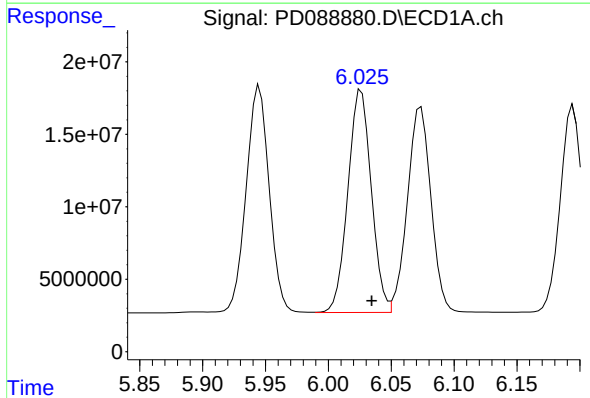
R.T.: 5.945 min  
Delta R.T.: -0.004 min  
Response: 199887582  
Conc: 270.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



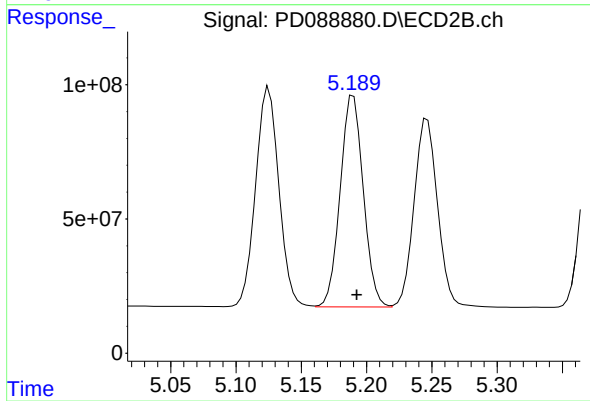
#25 Chlordane-3

R.T.: 5.125 min  
Delta R.T.: -0.003 min  
Response: 1013626912  
Conc: 384.41 ng/ml



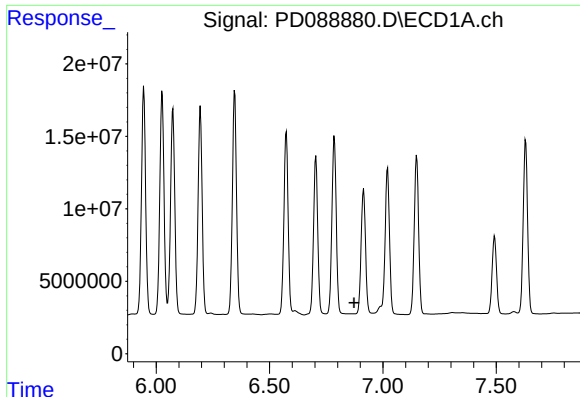
#26 Chlordane-4

R.T.: 6.026 min  
Delta R.T.: -0.008 min  
Response: 199164232  
Conc: 222.24 ng/ml



#26 Chlordane-4

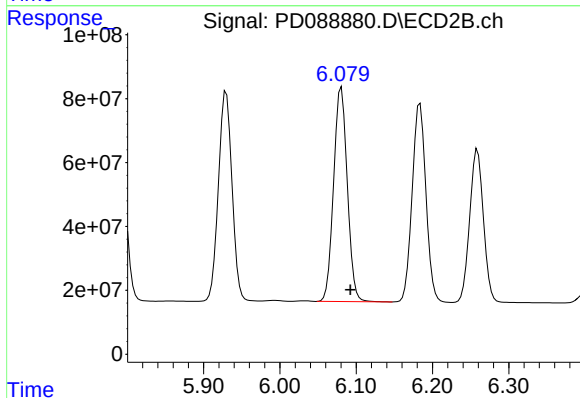
R.T.: 5.190 min  
Delta R.T.: -0.002 min  
Response: 971020410  
Conc: 438.88 ng/ml



#27 Chlordane-5

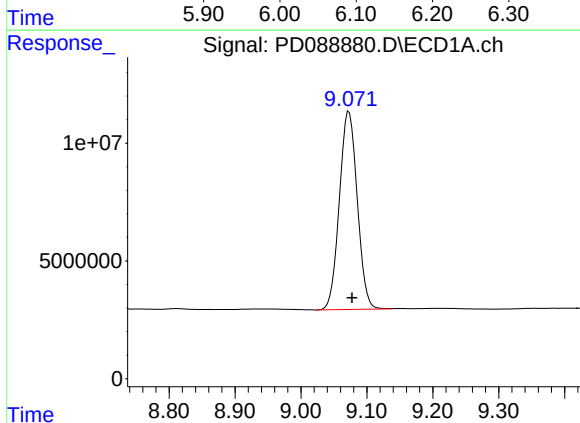
R.T.: 0.000 min  
Exp R.T.: 6.873 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



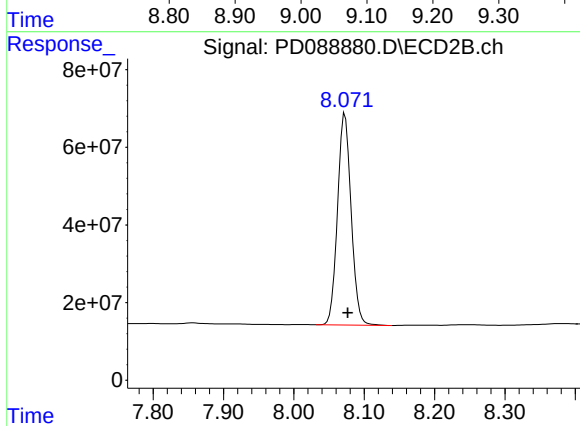
#27 Chlordane-5

R.T.: 6.081 min  
Delta R.T.: -0.012 min  
Response: 834003347  
Conc: 833.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min  
Delta R.T.: -0.005 min  
Response: 158443998  
Conc: 46.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.073 min  
Delta R.T.: -0.004 min  
Response: 733630617  
Conc: 40.19 ng/ml