

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061025\  
 Data File : PD088891.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jun 2025 20:44  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 11 07:44:52 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 | 123.2E6  | 737.0E6  | 56.951   | 48.718    |
| 28)                         | SA Decachlor... | 9.071  | 8.071 | 164.8E6  | 810.1E6  | 48.142   | 44.375    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.997  | 3.392 | 257.6E6  | 1167.5E6 | 53.932   | 48.844    |
| 3)                          | MA gamma-BHC... | 4.328  | 3.728 | 244.6E6  | 1081.7E6 | 53.150   | 48.801    |
| 4)                          | MA Heptachlor   | 4.928  | 4.082 | 224.9E6  | 1032.5E6 | 50.310   | 45.982    |
| 5)                          | MB Aldrin       | 5.270  | 4.368 | 233.3E6  | 1078.7E6 | 53.096   | 49.187    |
| 6)                          | B beta-BHC      | 4.514  | 4.024 | 95786854 | 470.1E6  | 53.122   | 48.251    |
| 7)                          | B delta-BHC     | 4.762  | 4.261 | 238.5E6  | 1094.6E6 | 56.434   | 49.099    |
| 8)                          | B Heptachlo...  | 5.689  | 4.872 | 206.1E6  | 958.3E6  | 51.932   | 48.227    |
| 9)                          | A Endosulfan I  | 6.073  | 5.246 | 194.9E6  | 889.4E6  | 51.784   | 46.866    |
| 10)                         | B gamma-Chl...  | 5.945  | 5.125 | 210.5E6  | 1034.9E6 | 52.779   | 48.513    |
| 11)                         | B alpha-Chl...  | 6.026  | 5.189 | 209.7E6  | 992.5E6  | 52.337   | 48.121    |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.374 | 188.1E6  | 1027.3E6 | 52.400   | 49.147    |
| 13)                         | MA Dieldrin     | 6.346  | 5.512 | 206.1E6  | 1013.5E6 | 51.365   | 48.159    |
| 14)                         | MA Endrin       | 6.573  | 5.789 | 171.1E6  | 913.9E6  | 50.110   | 47.392    |
| 15)                         | B Endosulfa...  | 6.785  | 6.080 | 172.7E6  | 877.9E6  | 50.145   | 47.913    |
| 16)                         | A 4,4'-DDD      | 6.703  | 5.929 | 148.6E6  | 851.0E6  | 53.357   | 48.932    |
| 17)                         | MA 4,4'-DDT     | 7.019  | 6.183 | 148.4E6  | 822.0E6  | 47.541   | 45.321    |
| 18)                         | B Endrin al...  | 6.913  | 6.258 | 125.6E6  | 642.3E6  | 48.775   | 46.115    |
| 19)                         | B Endosulfa...  | 7.147  | 6.481 | 159.5E6  | 837.6E6  | 49.801   | 47.175    |
| 20)                         | A Methoxychlor  | 7.491  | 6.753 | 75525844 | 420.6E6  | 45.210   | 43.929    |
| 21)                         | B Endrin ke...  | 7.628  | 6.990 | 170.0E6  | 920.9E6  | 49.659   | 47.599    |
| 22)                         | Mirex           | 8.112  | 7.184 | 124.8E6  | 689.9E6  | 48.027   | 45.381    |
| 24)                         | Chlordane-2     | 5.270f | 4.506 | 233.3E6  | 37954056 | 1271.517 | 44.969 #  |
| 25)                         | Chlordane-3     | 5.945  | 5.125 | 210.5E6  | 1034.9E6 | 284.542  | 392.475 # |
| 26)                         | Chlordane-4     | 6.026  | 5.189 | 209.7E6  | 992.5E6  | 233.964  | 448.587 # |
| 27)                         | Chlordane-5     | 0.000  | 6.080 | 0        | 877.9E6  | N.D.     | 877.109 # |
| -----                       |                 |        |       |          |          |          |           |

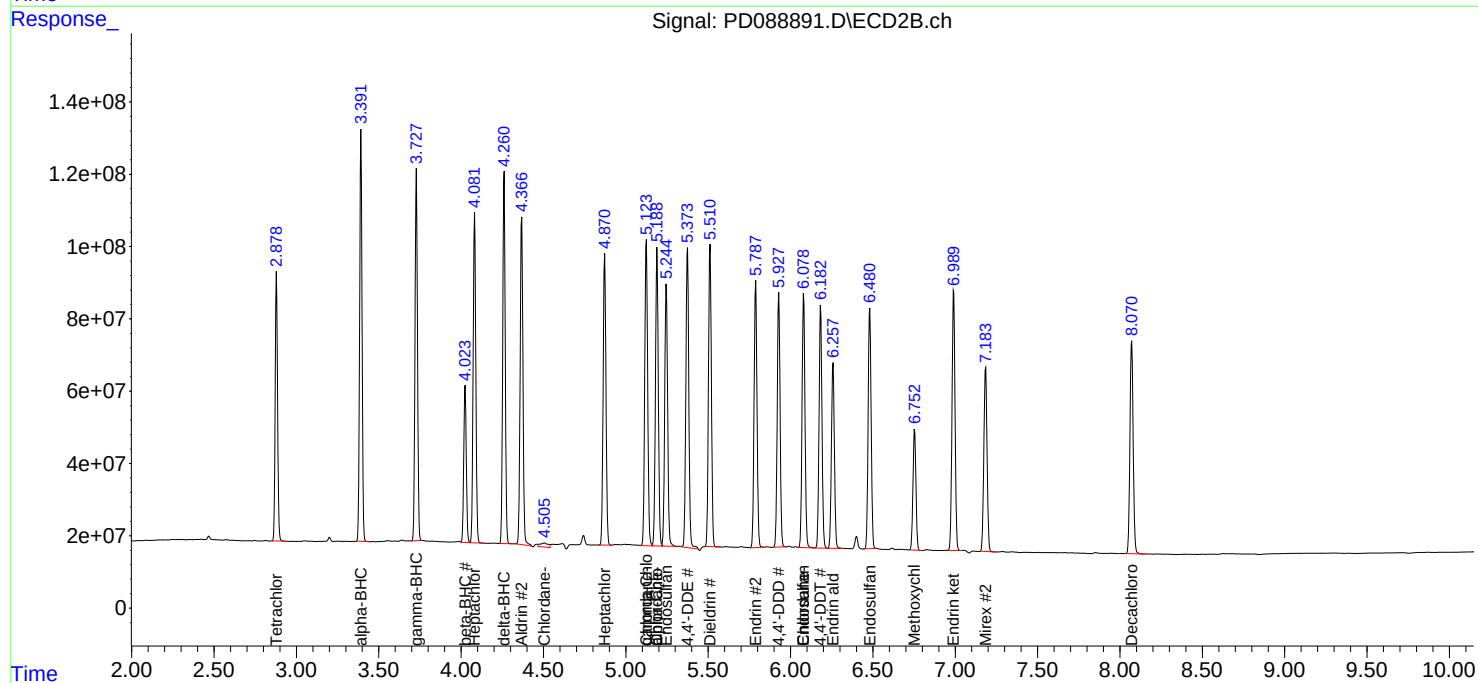
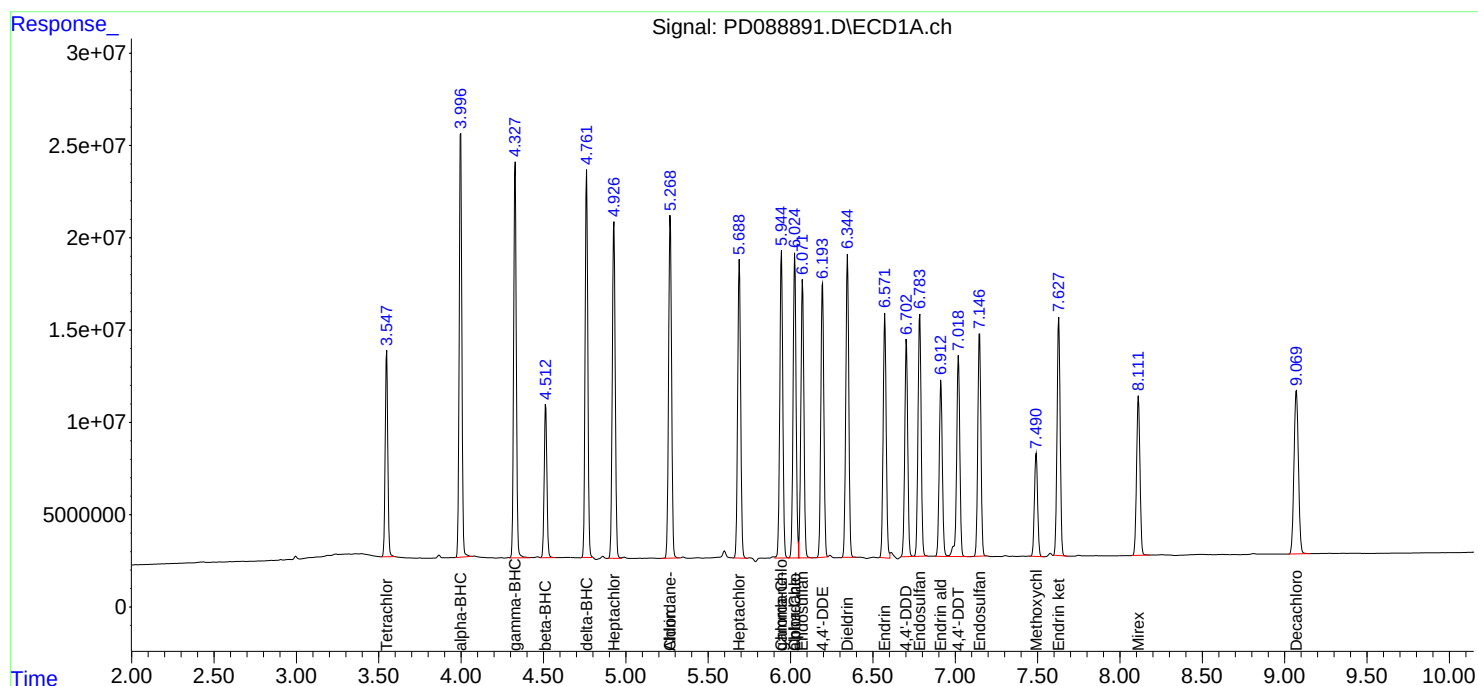
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

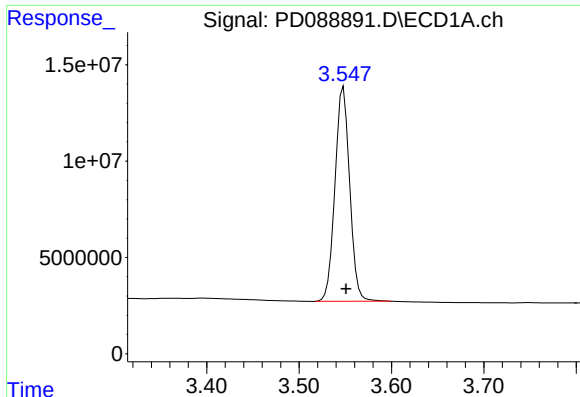
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061025\  
Data File : PD088891.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jun 2025 20:44  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 11 07:44:52 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

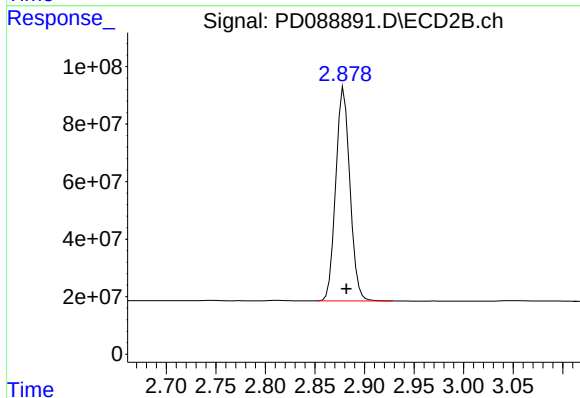




#1 Tetrachloro-m-xylene

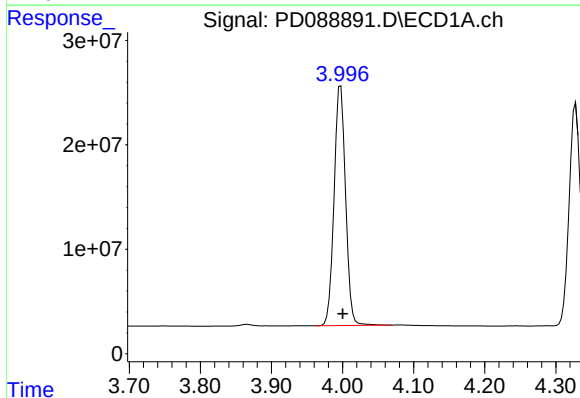
R.T.: 3.548 min  
Delta R.T.: -0.003 min  
Response: 123226741  
Conc: 56.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



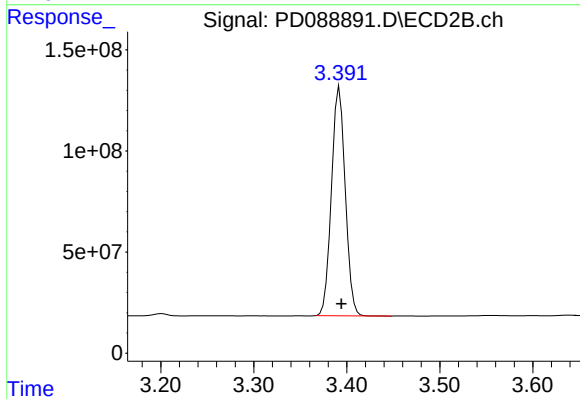
#1 Tetrachloro-m-xylene

R.T.: 2.879 min  
Delta R.T.: -0.002 min  
Response: 736951761  
Conc: 48.72 ng/ml



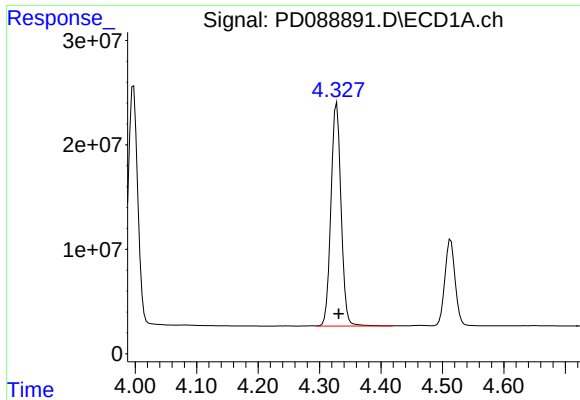
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: -0.003 min  
Response: 257608539  
Conc: 53.93 ng/ml



#2 alpha-BHC

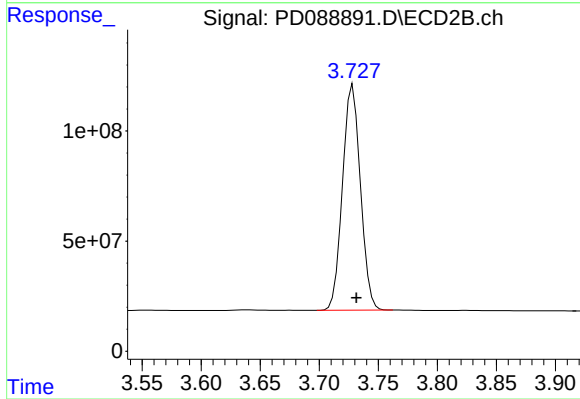
R.T.: 3.392 min  
Delta R.T.: -0.002 min  
Response: 1167543711  
Conc: 48.84 ng/ml



#3 gamma-BHC (Lindane)

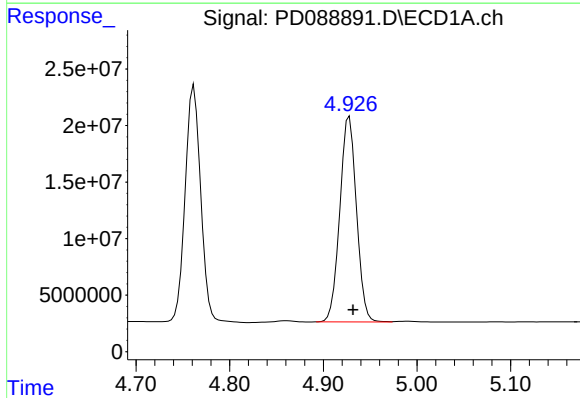
R.T.: 4.328 min  
Delta R.T.: -0.004 min  
Response: 244634192  
Conc: 53.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



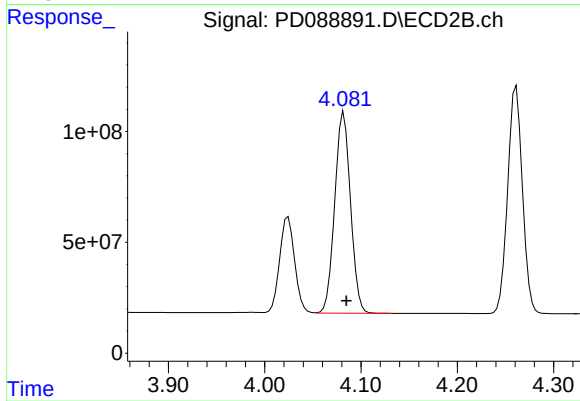
#3 gamma-BHC (Lindane)

R.T.: 3.728 min  
Delta R.T.: -0.003 min  
Response: 1081706940  
Conc: 48.80 ng/ml



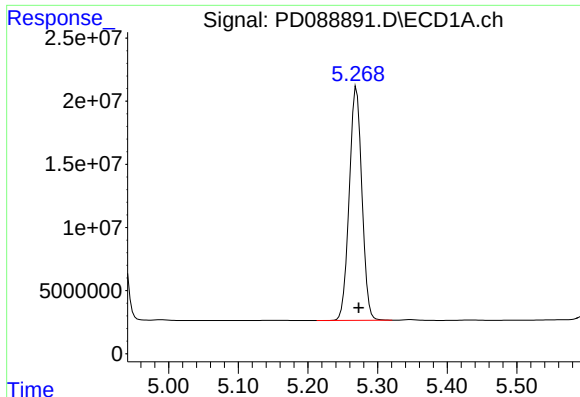
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: -0.004 min  
Response: 224946100  
Conc: 50.31 ng/ml



#4 Heptachlor

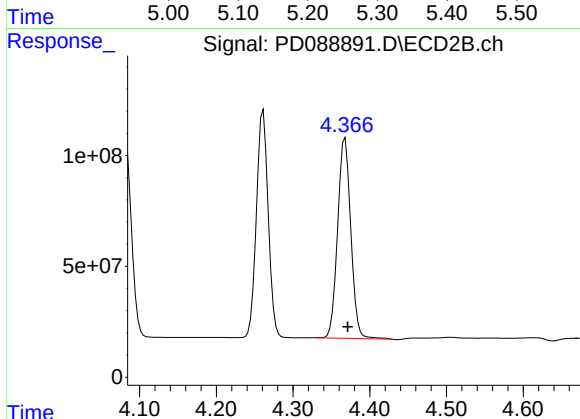
R.T.: 4.082 min  
Delta R.T.: -0.003 min  
Response: 1032511070  
Conc: 45.98 ng/ml



#5 Aldrin

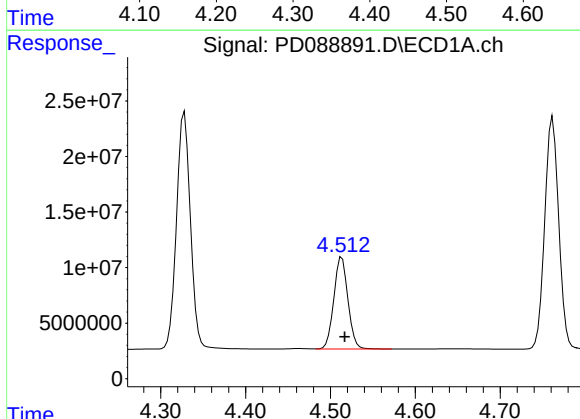
R.T.: 5.270 min  
Delta R.T.: -0.003 min  
Response: 233330213  
Conc: 53.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



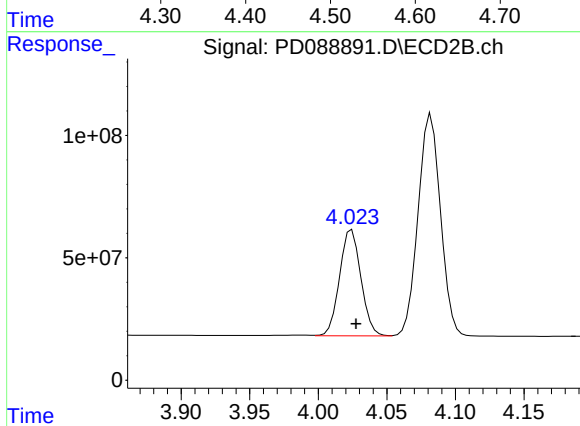
#5 Aldrin

R.T.: 4.368 min  
Delta R.T.: -0.003 min  
Response: 1078664732  
Conc: 49.19 ng/ml



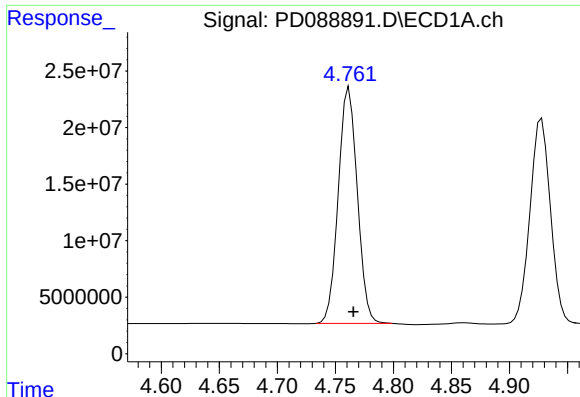
#6 beta-BHC

R.T.: 4.514 min  
Delta R.T.: -0.003 min  
Response: 95786854  
Conc: 53.12 ng/ml



#6 beta-BHC

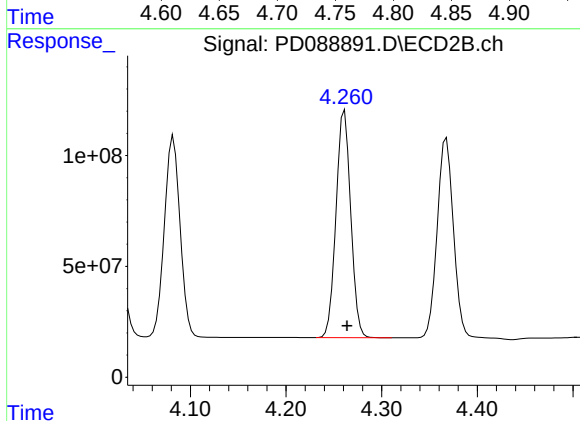
R.T.: 4.024 min  
Delta R.T.: -0.003 min  
Response: 470056290  
Conc: 48.25 ng/ml



#7 delta-BHC

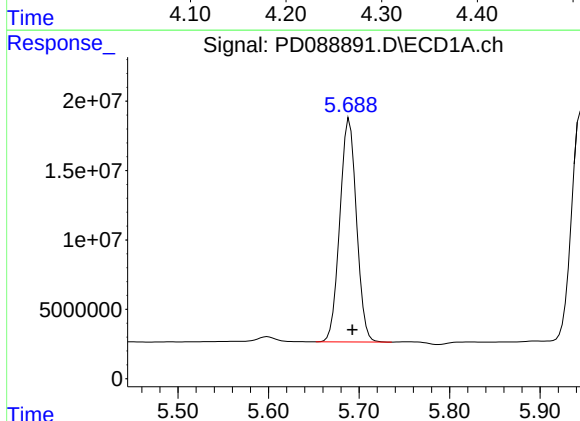
R.T.: 4.762 min  
Delta R.T.: -0.004 min  
Response: 238497600  
Conc: 56.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



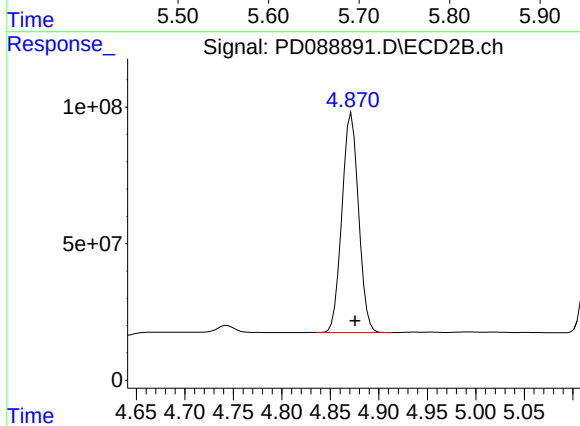
#7 delta-BHC

R.T.: 4.261 min  
Delta R.T.: -0.003 min  
Response: 1094613781  
Conc: 49.10 ng/ml



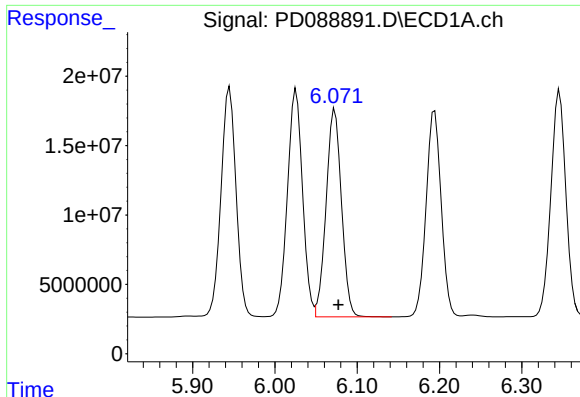
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: -0.003 min  
Response: 206131838  
Conc: 51.93 ng/ml



#8 Heptachlor epoxide

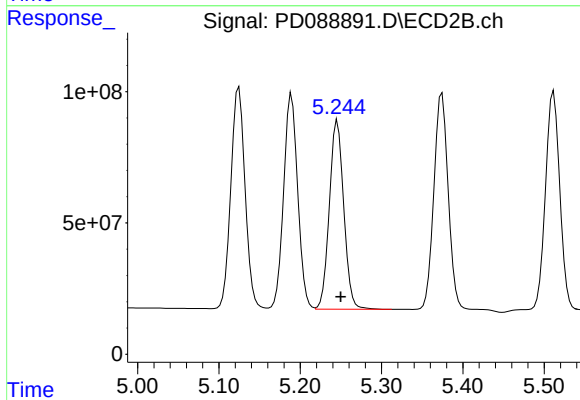
R.T.: 4.872 min  
Delta R.T.: -0.004 min  
Response: 958340282  
Conc: 48.23 ng/ml



#9 Endosulfan I

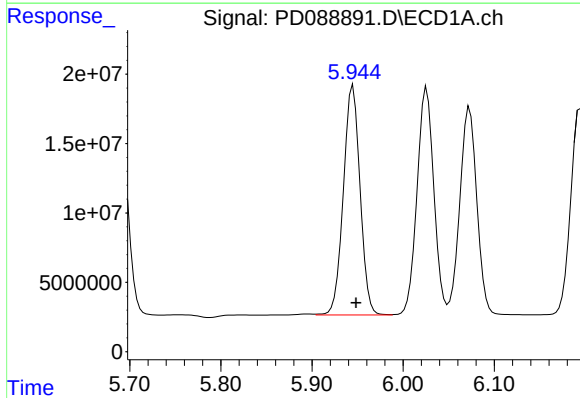
R.T.: 6.073 min  
Delta R.T.: -0.004 min  
Response: 194860077  
Conc: 51.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



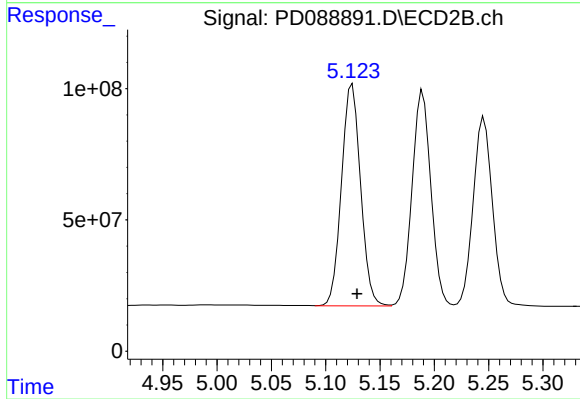
#9 Endosulfan I

R.T.: 5.246 min  
Delta R.T.: -0.004 min  
Response: 889437197  
Conc: 46.87 ng/ml



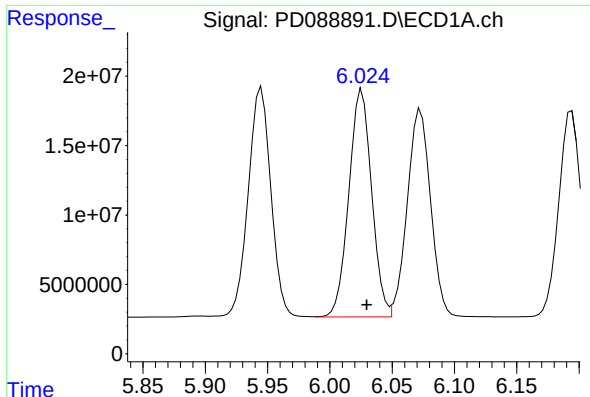
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: -0.003 min  
Response: 210533569  
Conc: 52.78 ng/ml



#10 gamma-Chlordane

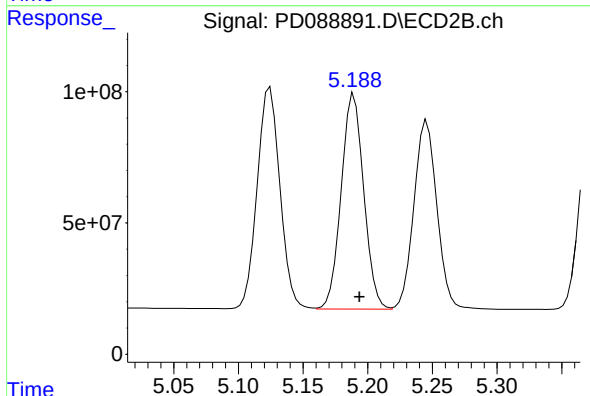
R.T.: 5.125 min  
Delta R.T.: -0.004 min  
Response: 1034889073  
Conc: 48.51 ng/ml



#11 alpha-Chlordane

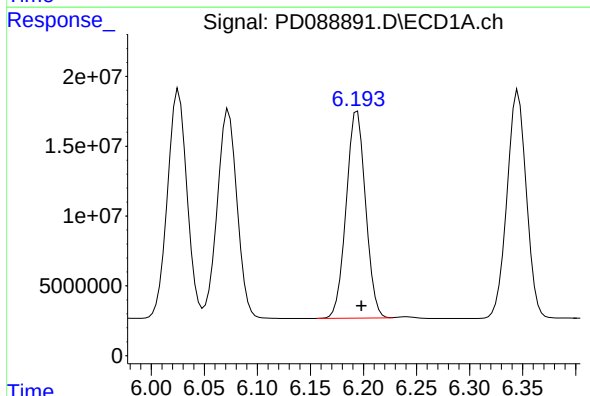
R.T.: 6.026 min  
Delta R.T.: -0.004 min  
Response: 209674609  
Conc: 52.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



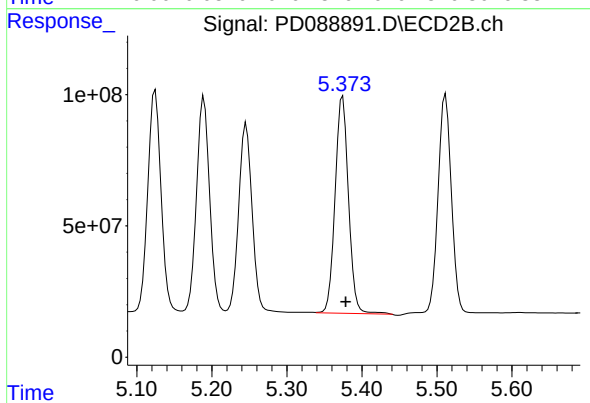
#11 alpha-Chlordane

R.T.: 5.189 min  
Delta R.T.: -0.004 min  
Response: 992496405  
Conc: 48.12 ng/ml



#12 4,4'-DDE

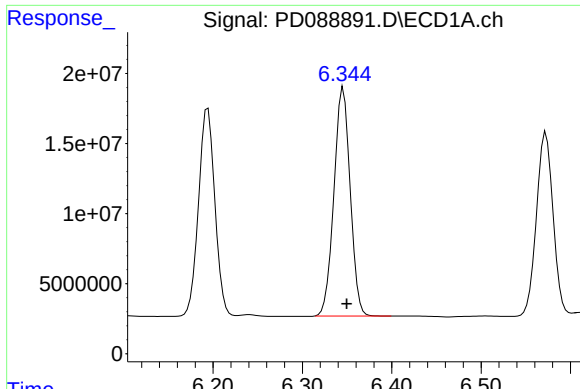
R.T.: 6.194 min  
Delta R.T.: -0.004 min  
Response: 188084560  
Conc: 52.40 ng/ml



#12 4,4'-DDE

R.T.: 5.374 min  
Delta R.T.: -0.004 min  
Response: 1027301035  
Conc: 49.15 ng/ml

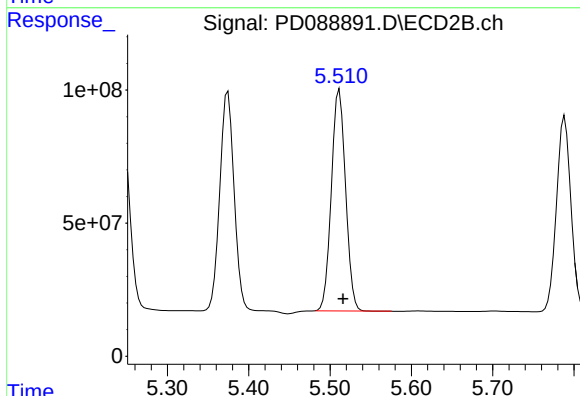




#13 Dieldrin

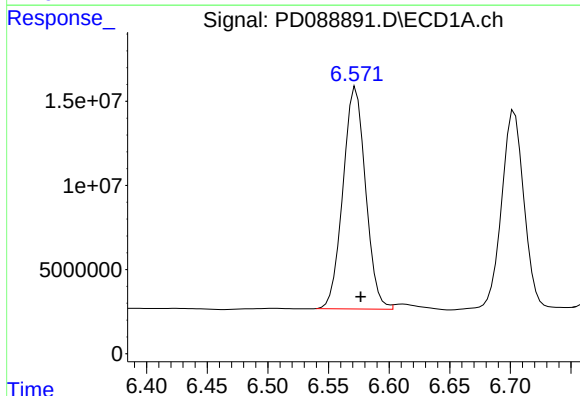
R.T.: 6.346 min  
Delta R.T.: -0.004 min  
Response: 206063385  
Conc: 51.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



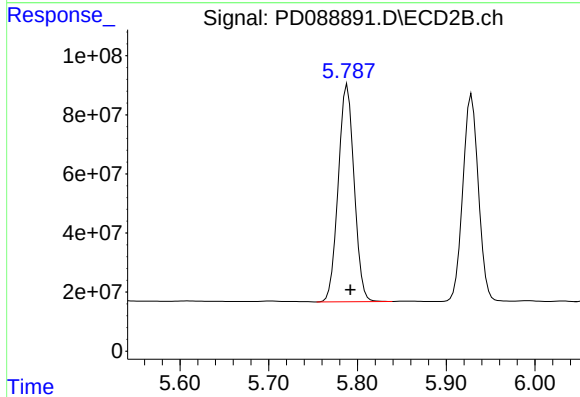
#13 Dieldrin

R.T.: 5.512 min  
Delta R.T.: -0.004 min  
Response: 1013464574  
Conc: 48.16 ng/ml



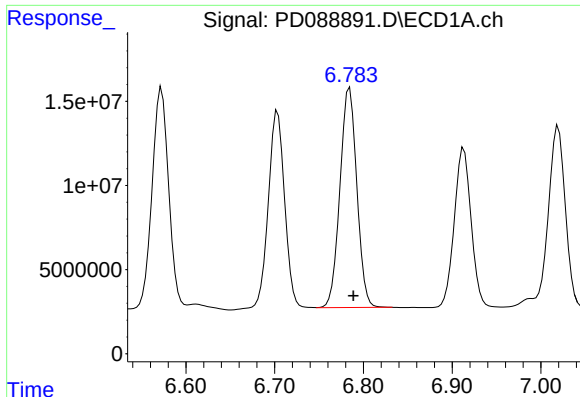
#14 Endrin

R.T.: 6.573 min  
Delta R.T.: -0.004 min  
Response: 171132930  
Conc: 50.11 ng/ml



#14 Endrin

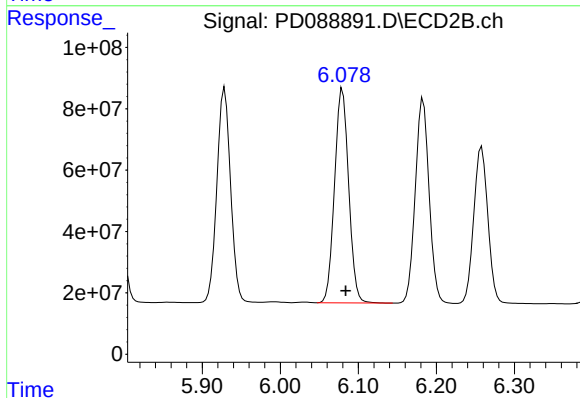
R.T.: 5.789 min  
Delta R.T.: -0.004 min  
Response: 913906575  
Conc: 47.39 ng/ml



#15 Endosulfan II

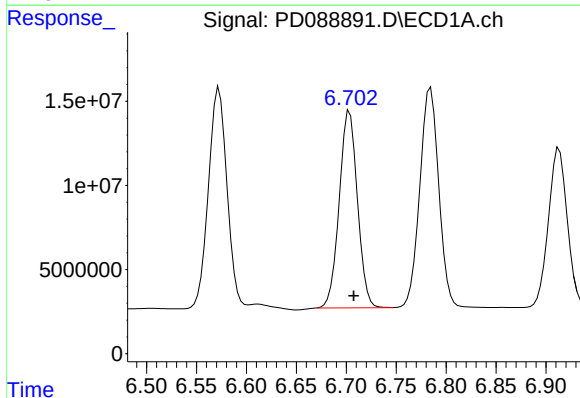
R.T.: 6.785 min  
Delta R.T.: -0.004 min  
Response: 172679782  
Conc: 50.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



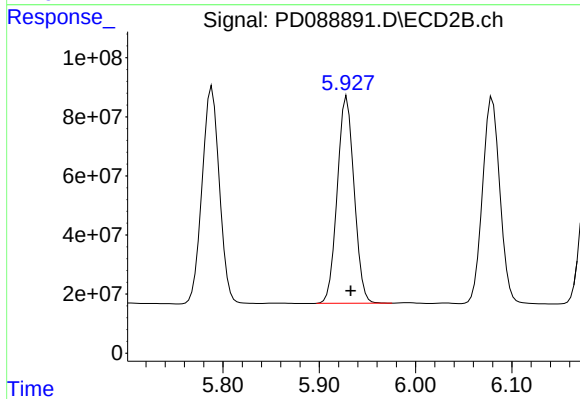
#15 Endosulfan II

R.T.: 6.080 min  
Delta R.T.: -0.004 min  
Response: 877857655  
Conc: 47.91 ng/ml



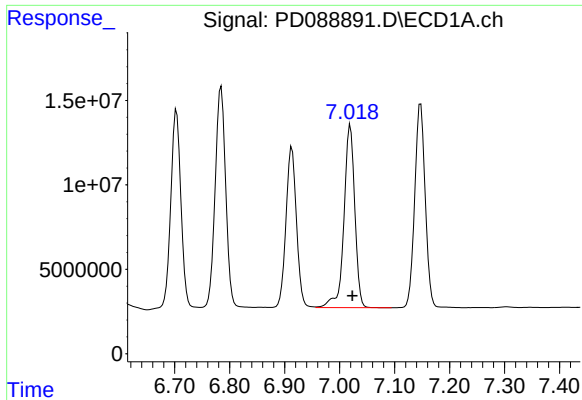
#16 4,4'-DDD

R.T.: 6.703 min  
Delta R.T.: -0.004 min  
Response: 148605065  
Conc: 53.36 ng/ml



#16 4,4'-DDD

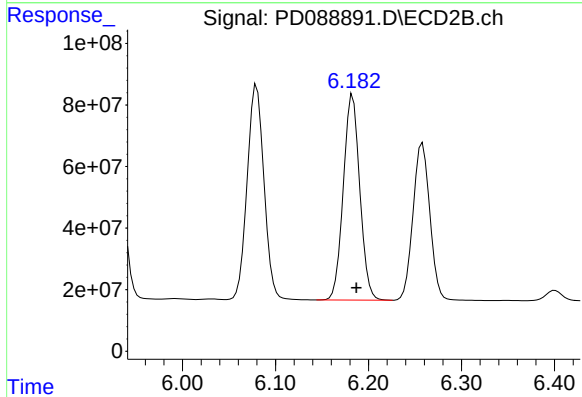
R.T.: 5.929 min  
Delta R.T.: -0.004 min  
Response: 851036183  
Conc: 48.93 ng/ml



#17 4,4'-DDT

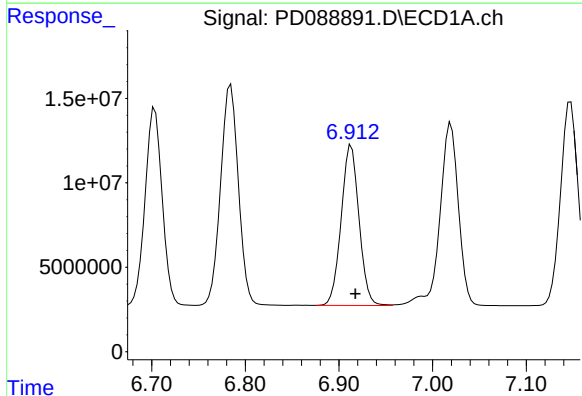
R.T.: 7.019 min  
Delta R.T.: -0.004 min  
Response: 148423604  
Conc: 47.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



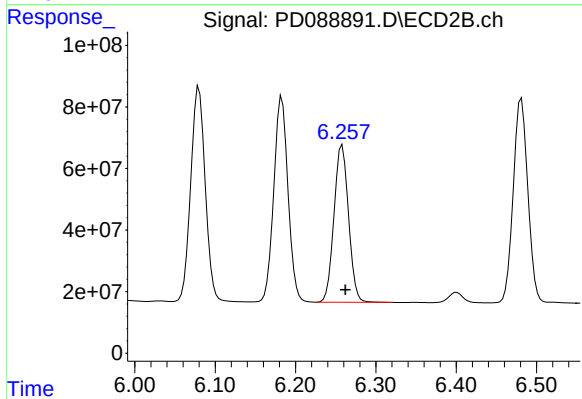
#17 4,4'-DDT

R.T.: 6.183 min  
Delta R.T.: -0.004 min  
Response: 822002812  
Conc: 45.32 ng/ml



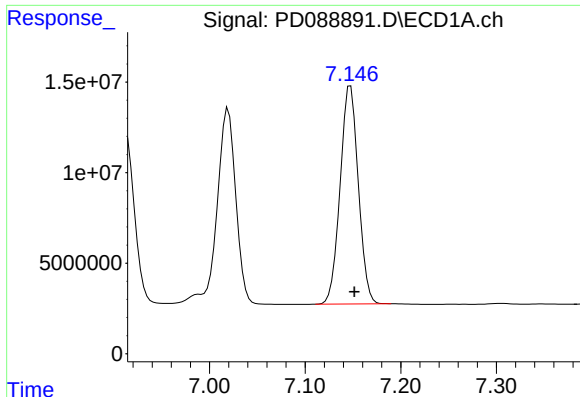
#18 Endrin aldehyde

R.T.: 6.913 min  
Delta R.T.: -0.004 min  
Response: 125575096  
Conc: 48.77 ng/ml



#18 Endrin aldehyde

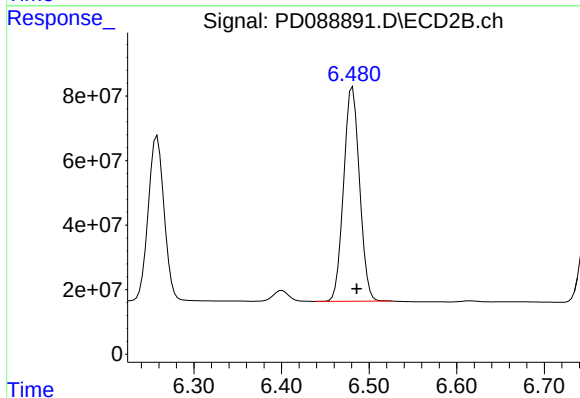
R.T.: 6.258 min  
Delta R.T.: -0.004 min  
Response: 642317686  
Conc: 46.11 ng/ml



#19 Endosulfan Sulfate

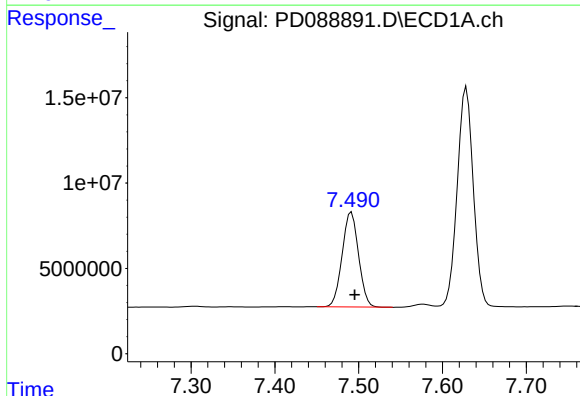
R.T.: 7.147 min  
Delta R.T.: -0.004 min  
Response: 159515167  
Conc: 49.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



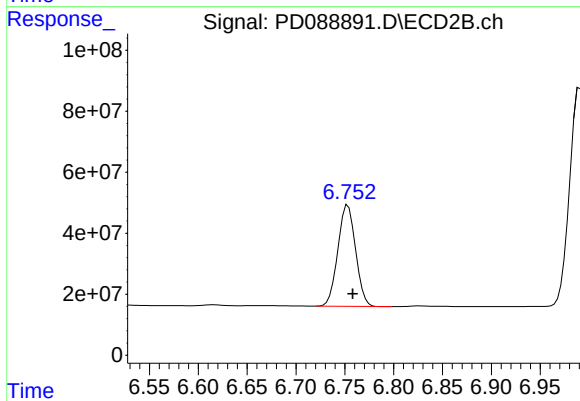
#19 Endosulfan Sulfate

R.T.: 6.481 min  
Delta R.T.: -0.005 min  
Response: 837640382  
Conc: 47.18 ng/ml



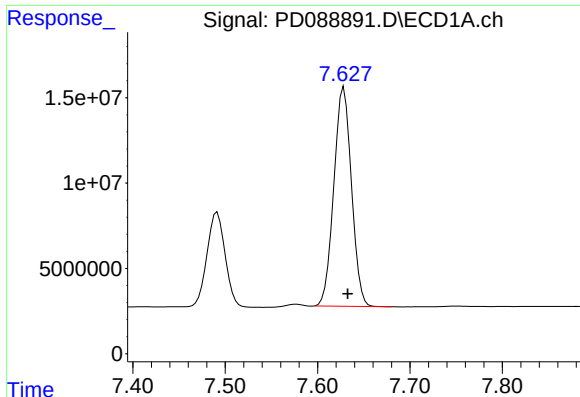
#20 Methoxychlor

R.T.: 7.491 min  
Delta R.T.: -0.004 min  
Response: 75525844  
Conc: 45.21 ng/ml



#20 Methoxychlor

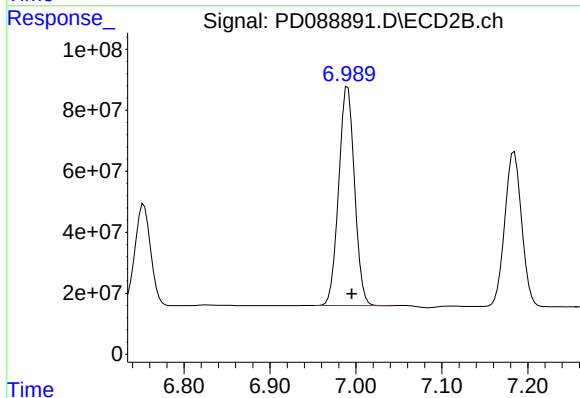
R.T.: 6.753 min  
Delta R.T.: -0.005 min  
Response: 420607160  
Conc: 43.93 ng/ml



#21 Endrin ketone

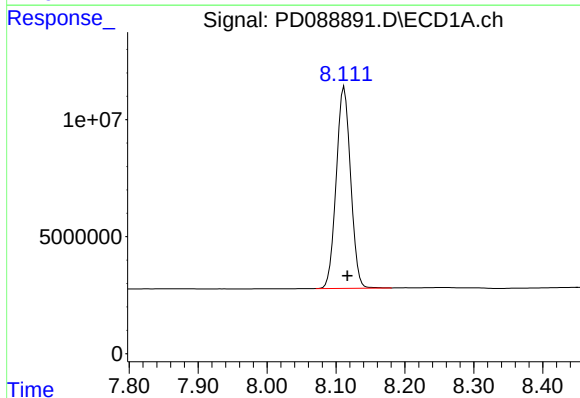
R.T.: 7.628 min  
Delta R.T.: -0.004 min  
Response: 169989971  
Conc: 49.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



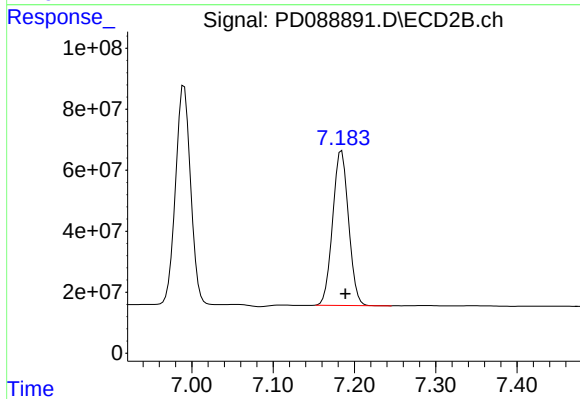
#21 Endrin ketone

R.T.: 6.990 min  
Delta R.T.: -0.004 min  
Response: 920917149  
Conc: 47.60 ng/ml



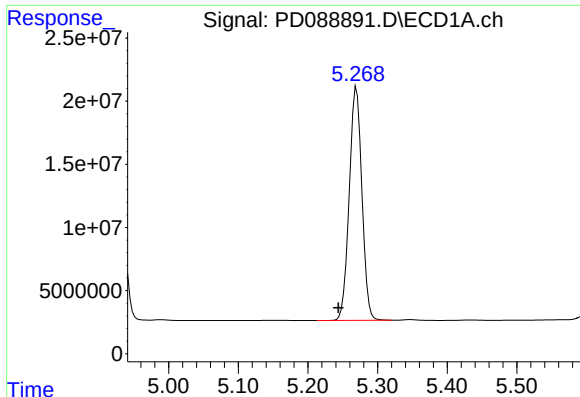
#22 Mirex

R.T.: 8.112 min  
Delta R.T.: -0.005 min  
Response: 124788139  
Conc: 48.03 ng/ml



#22 Mirex

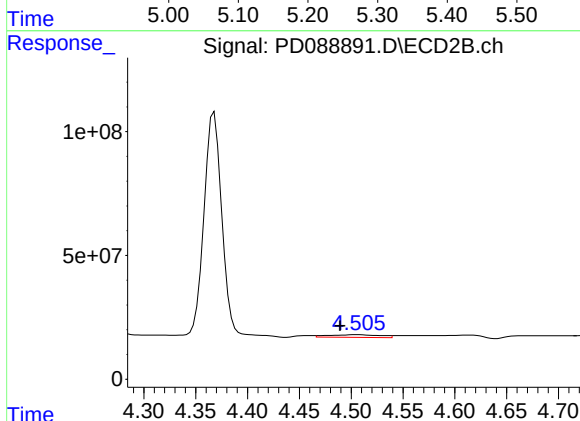
R.T.: 7.184 min  
Delta R.T.: -0.005 min  
Response: 689903914  
Conc: 45.38 ng/ml



#24 Chlordane-2

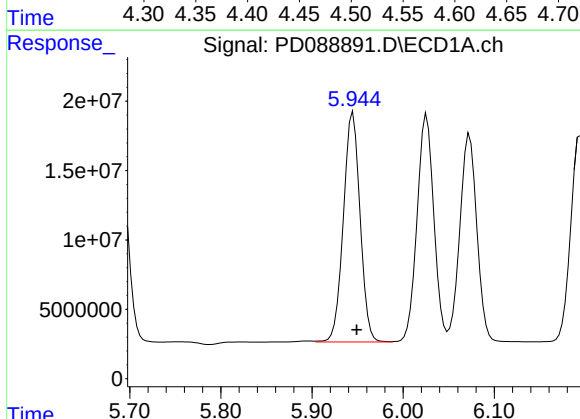
R.T.: 5.270 min  
Delta R.T.: 0.026 min  
Response: 233330213  
Conc: 1271.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



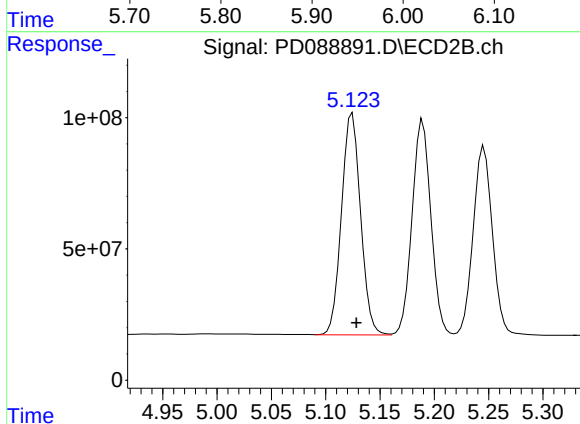
#24 Chlordane-2

R.T.: 4.506 min  
Delta R.T.: 0.017 min  
Response: 37954056  
Conc: 44.97 ng/ml



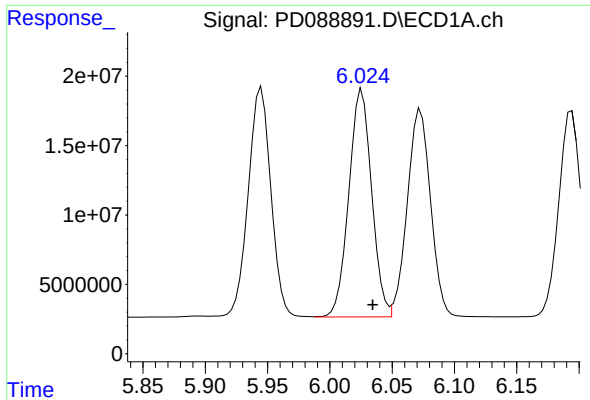
#25 Chlordane-3

R.T.: 5.945 min  
Delta R.T.: -0.004 min  
Response: 210533569  
Conc: 284.54 ng/ml



#25 Chlordane-3

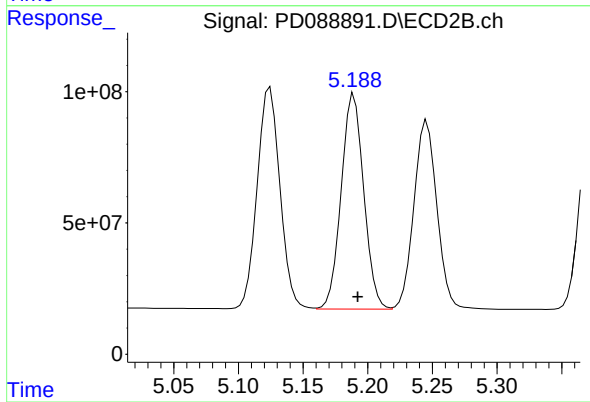
R.T.: 5.125 min  
Delta R.T.: -0.004 min  
Response: 1034889073  
Conc: 392.47 ng/ml



#26 Chlordane-4

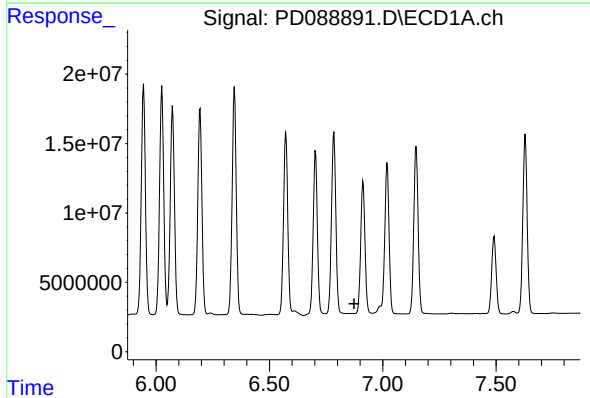
R.T.: 6.026 min  
Delta R.T.: -0.009 min  
Response: 209674609  
Conc: 233.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



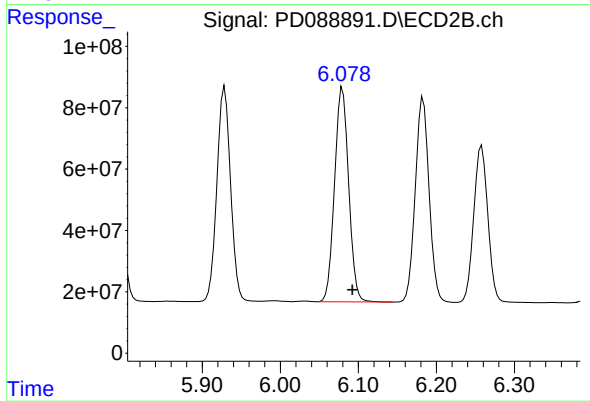
#26 Chlordane-4

R.T.: 5.189 min  
Delta R.T.: -0.003 min  
Response: 992496405  
Conc: 448.59 ng/ml



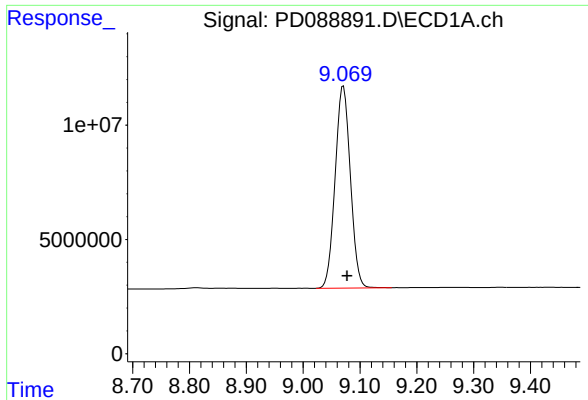
#27 Chlordane-5

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



#27 Chlordane-5

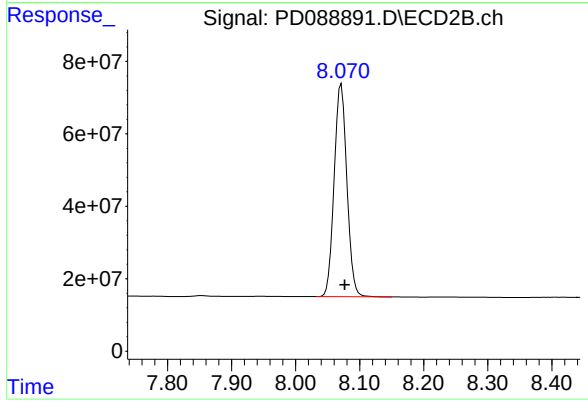
R.T.: 6.080 min  
Delta R.T.: -0.013 min  
Response: 877857655  
Conc: 877.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: -0.007 min  
Response: 164757300  
Conc: 48.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.071 min  
Delta R.T.: -0.005 min  
Response: 810116781  
Conc: 44.37 ng/ml