

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081325\  
 Data File : PD089864.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Aug 2025 16:05  
 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: Aug 13 02:12:25 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 01 07:03:58 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... | 3.551 | 2.878 | 118.9E6  | 913.3E6  | 48.189  | 57.667     |
| 28)                         | SA Decachlor... | 9.071 | 8.067 | 163.6E6  | 1042.0E6 | 44.029  | 51.899     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.000 | 3.390 | 247.8E6  | 1431.0E6 | 50.026  | 58.878     |
| 3)                          | MA gamma-BHC... | 4.331 | 3.726 | 235.1E6  | 1316.1E6 | 49.465  | 58.431     |
| 4)                          | MA Heptachlor   | 4.929 | 4.079 | 221.8E6  | 1290.5E6 | 46.099  | 55.604     |
| 5)                          | MB Aldrin       | 5.271 | 4.364 | 222.5E6  | 1298.9E6 | 48.731  | 58.376     |
| 6)                          | B beta-BHC      | 4.518 | 4.022 | 91593149 | 558.7E6  | 49.653  | 57.907     |
| 7)                          | B delta-BHC     | 4.766 | 4.258 | 226.9E6  | 1326.0E6 | 49.478  | 58.373     |
| 8)                          | B Heptachlo...  | 5.691 | 4.868 | 199.3E6  | 1177.3E6 | 47.669  | 57.292     |
| 9)                          | A Endosulfan I  | 6.075 | 5.242 | 186.2E6  | 1076.8E6 | 46.971  | 55.086     |
| 10)                         | B gamma-Chl...  | 5.946 | 5.121 | 196.9E6  | 1268.3E6 | 47.126  | 58.573     |
| 11)                         | B alpha-Chl...  | 6.027 | 5.186 | 198.9E6  | 1213.3E6 | 47.315  | 58.272     |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.370 | 175.2E6  | 1227.5E6 | 46.961  | 58.074     |
| 13)                         | MA Dieldrin     | 6.347 | 5.508 | 198.0E6  | 1255.0E6 | 46.876  | 57.996     |
| 14)                         | MA Endrin       | 6.574 | 5.785 | 156.5E6  | 1138.9E6 | 43.730  | 57.158 #   |
| 15)                         | B Endosulfa...  | 6.787 | 6.076 | 164.6E6  | 1073.3E6 | 44.854  | 57.095 #   |
| 16)                         | A 4,4'-DDD      | 6.705 | 5.925 | 148.5E6  | 1058.4E6 | 49.600  | 60.025     |
| 17)                         | MA 4,4'-DDT     | 7.022 | 6.179 | 139.8E6  | 1000.5E6 | 41.599  | 54.457 #   |
| 18)                         | B Endrin al...  | 6.915 | 6.254 | 118.4E6  | 766.1E6  | 47.458  | 59.293     |
| 19)                         | B Endosulfa...  | 7.150 | 6.478 | 155.1E6  | 1030.3E6 | 44.709  | 55.497     |
| 20)                         | A Methoxychlor  | 7.494 | 6.749 | 75279187 | 534.7E6  | 42.103  | 54.587 #   |
| 21)                         | B Endrin ke...  | 7.631 | 6.987 | 167.0E6  | 1138.4E6 | 44.955  | 56.724 #   |
| 22)                         | Mirex           | 8.113 | 7.180 | 120.7E6  | 855.6E6  | 43.282  | 56.212 #   |
| 23)                         | Chlordane-1     | 0.000 | 3.899 | 0        | 662324   | N.D.    | 0.906 #    |
| 24)                         | Chlordane-2     | 0.000 | 4.501 | 0        | 36933960 | N.D.    | 48.320 #   |
| 25)                         | Chlordane-3     | 5.946 | 5.121 | 196.9E6  | 1268.3E6 | 287.162 | 548.030 #  |
| 26)                         | Chlordane-4     | 6.027 | 5.186 | 198.9E6  | 1213.3E6 | 237.627 | 609.863 #  |
| 27)                         | Chlordane-5     | 0.000 | 6.076 | 0        | 1073.3E6 | N.D.    | 1186.396 # |
| -----                       |                 |       |       |          |          |         |            |

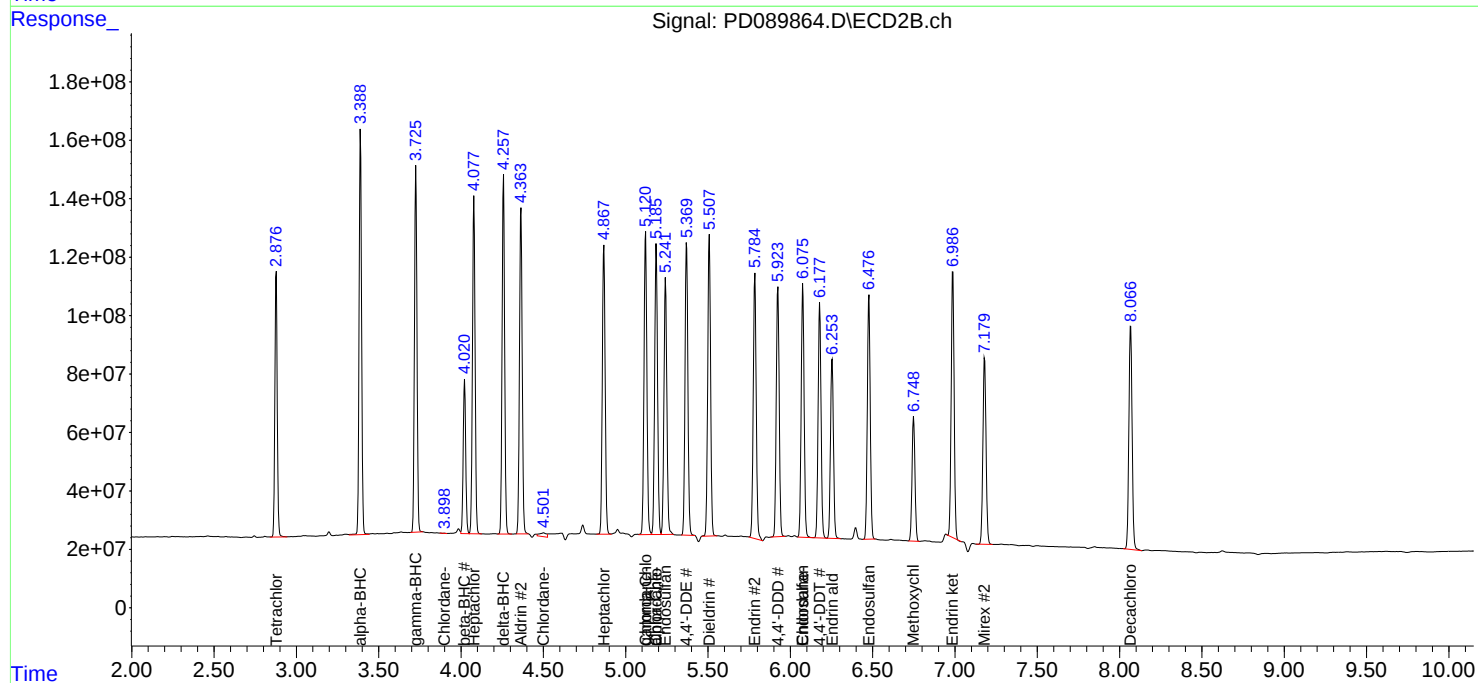
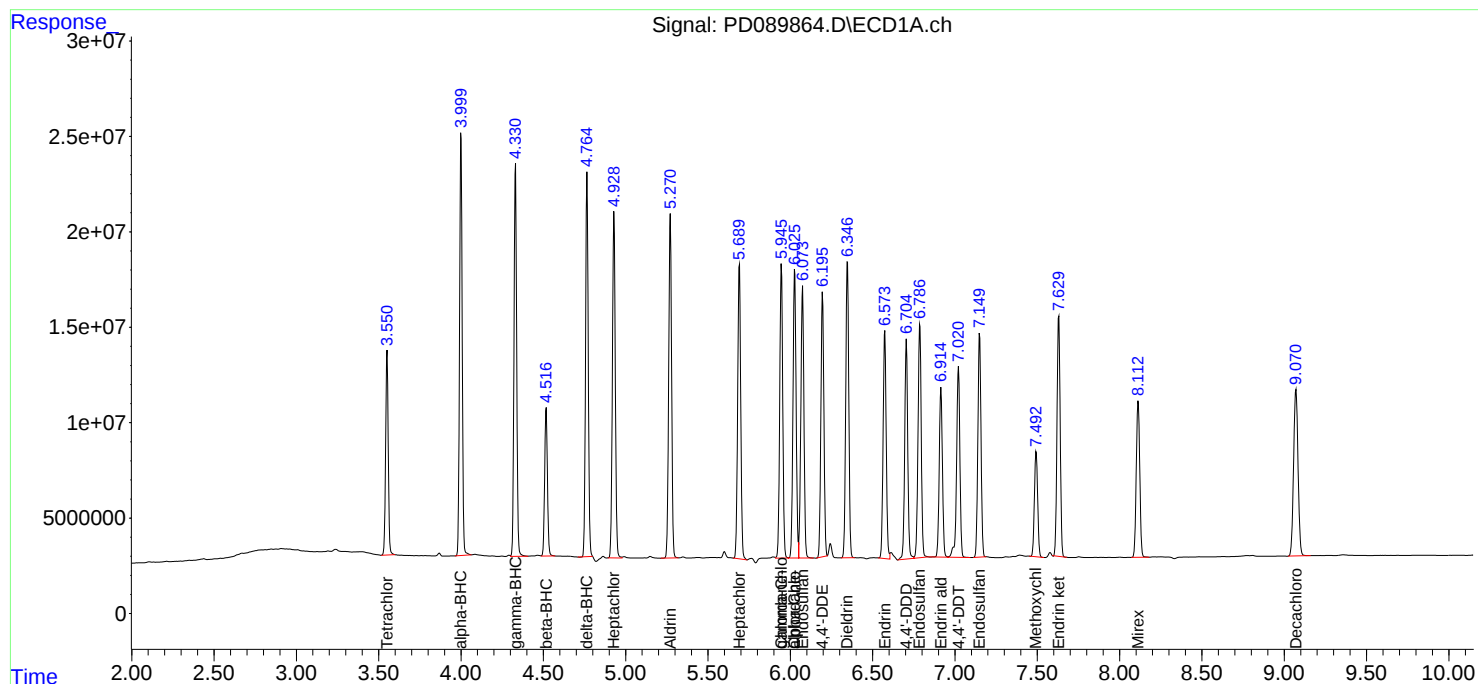
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

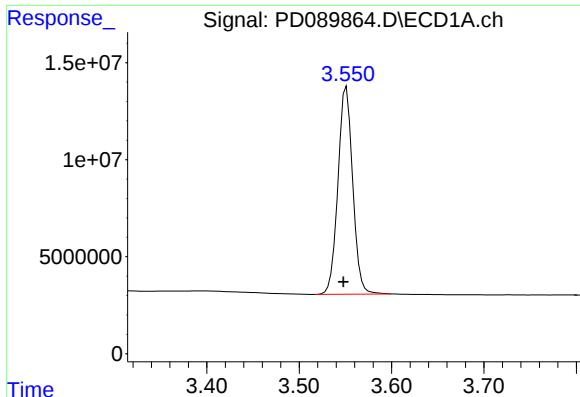
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081325\  
Data File : PD089864.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Aug 2025 16:05  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 13 02:12:25 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 01 07:03:58 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

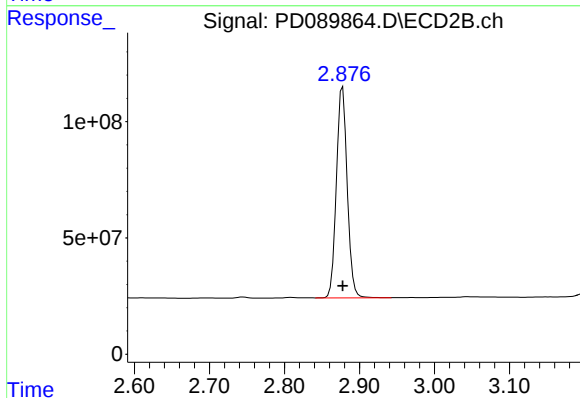




#1 Tetrachloro-m-xylene

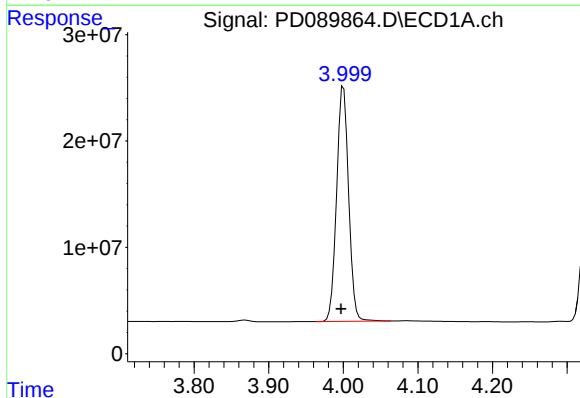
R.T.: 3.551 min  
Delta R.T.: 0.003 min  
Response: 118863097  
Conc: 48.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



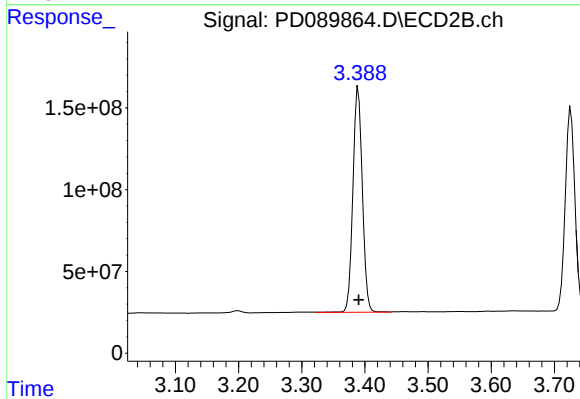
#1 Tetrachloro-m-xylene

R.T.: 2.878 min  
Delta R.T.: 0.000 min  
Response: 913325747  
Conc: 57.67 ng/ml



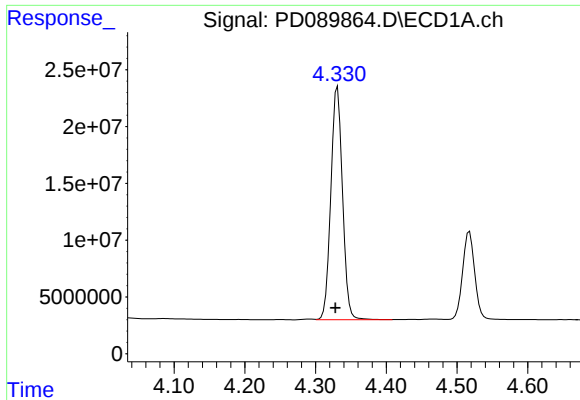
#2 alpha-BHC

R.T.: 4.000 min  
Delta R.T.: 0.003 min  
Response: 247804482  
Conc: 50.03 ng/ml



#2 alpha-BHC

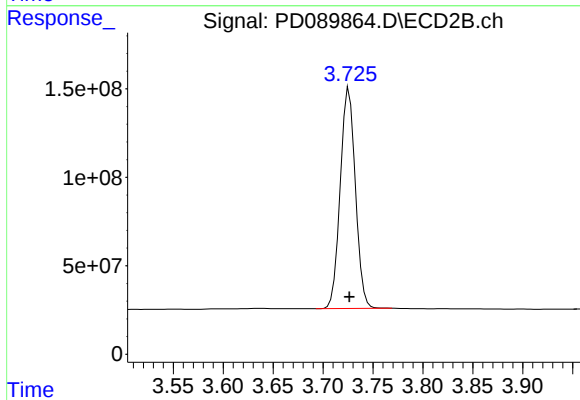
R.T.: 3.390 min  
Delta R.T.: 0.000 min  
Response: 1431013404  
Conc: 58.88 ng/ml



#3 gamma-BHC (Lindane)

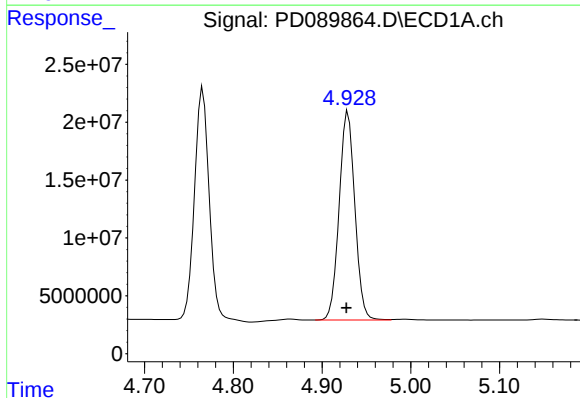
R.T.: 4.331 min  
Delta R.T.: 0.003 min  
Response: 235072856  
Conc: 49.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



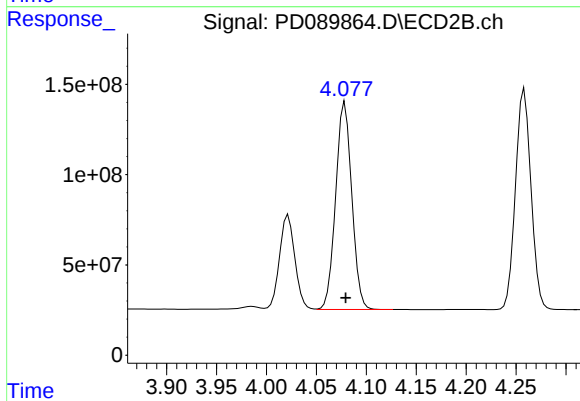
#3 gamma-BHC (Lindane)

R.T.: 3.726 min  
Delta R.T.: 0.000 min  
Response: 1316105764  
Conc: 58.43 ng/ml



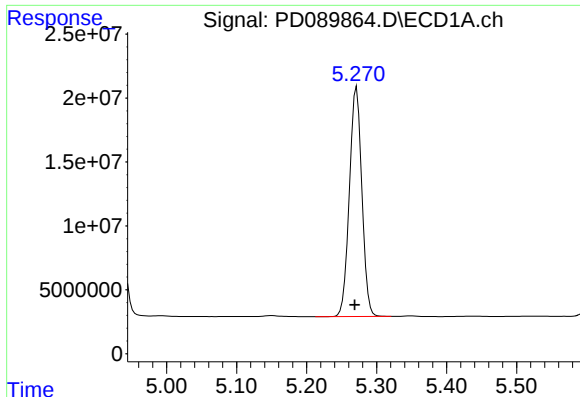
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: 0.002 min  
Response: 221805809  
Conc: 46.10 ng/ml



#4 Heptachlor

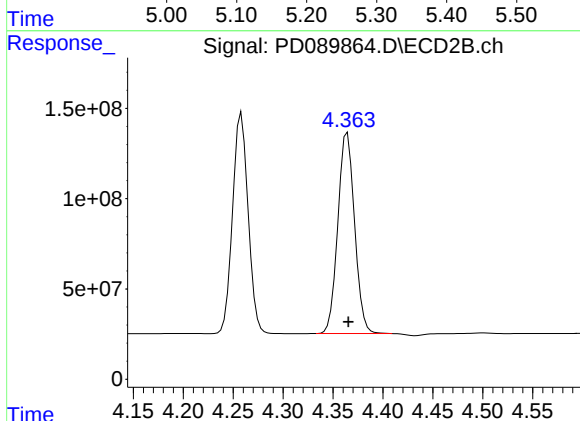
R.T.: 4.079 min  
Delta R.T.: 0.000 min  
Response: 1290517415  
Conc: 55.60 ng/ml



#5 Aldrin

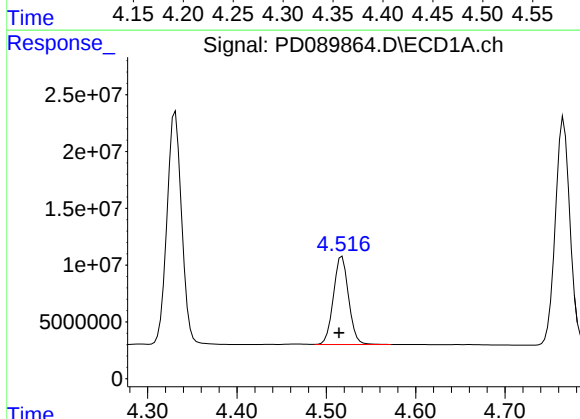
R.T.: 5.271 min  
Delta R.T.: 0.003 min  
Response: 222450269  
Conc: 48.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



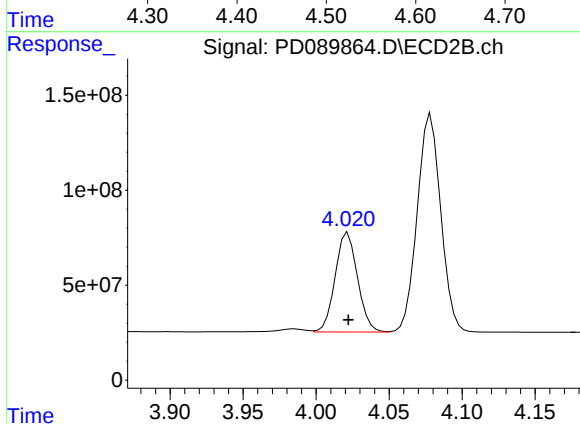
#5 Aldrin

R.T.: 4.364 min  
Delta R.T.: 0.000 min  
Response: 1298901301  
Conc: 58.38 ng/ml



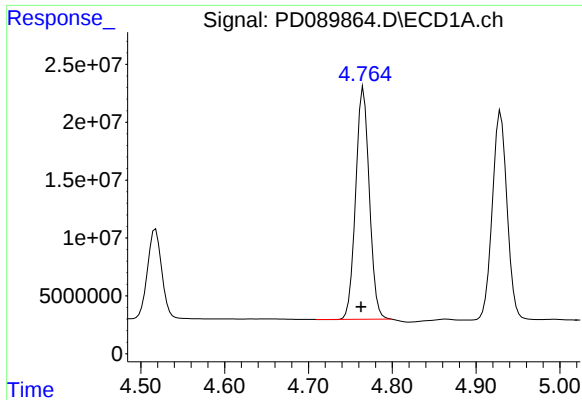
#6 beta-BHC

R.T.: 4.518 min  
Delta R.T.: 0.003 min  
Response: 91593149  
Conc: 49.65 ng/ml



#6 beta-BHC

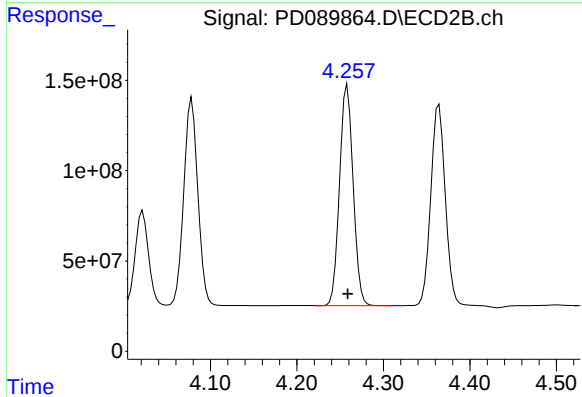
R.T.: 4.022 min  
Delta R.T.: 0.000 min  
Response: 558747054  
Conc: 57.91 ng/ml



#7 delta-BHC

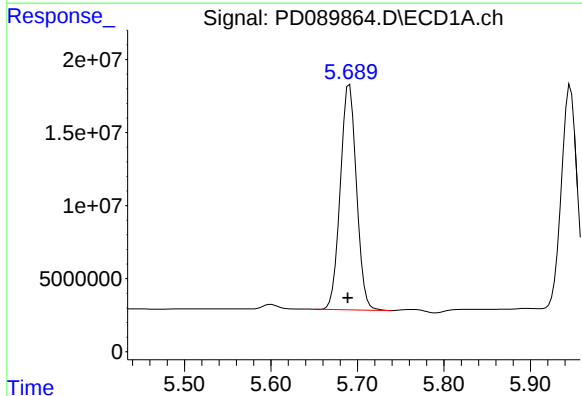
R.T.: 4.766 min  
Delta R.T.: 0.003 min  
Response: 226918277  
Conc: 49.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



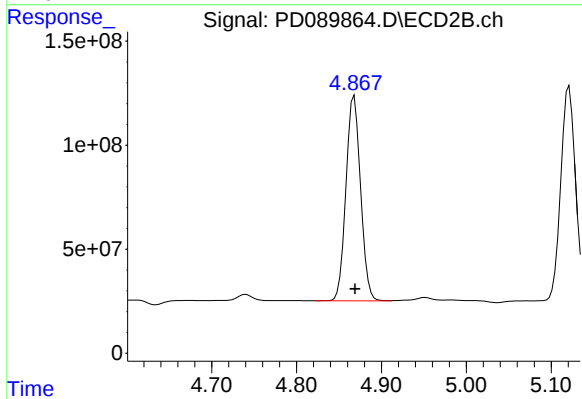
#7 delta-BHC

R.T.: 4.258 min  
Delta R.T.: 0.000 min  
Response: 1325952540  
Conc: 58.37 ng/ml



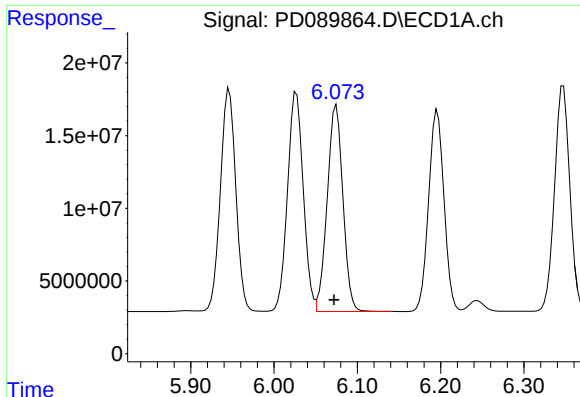
#8 Heptachlor epoxide

R.T.: 5.691 min  
Delta R.T.: 0.002 min  
Response: 199290709  
Conc: 47.67 ng/ml



#8 Heptachlor epoxide

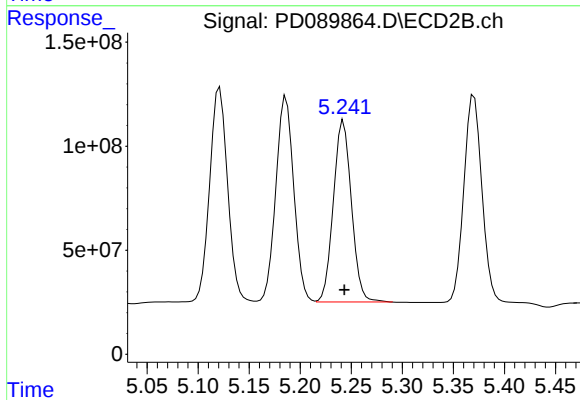
R.T.: 4.868 min  
Delta R.T.: 0.000 min  
Response: 1177337627  
Conc: 57.29 ng/ml



#9 Endosulfan I

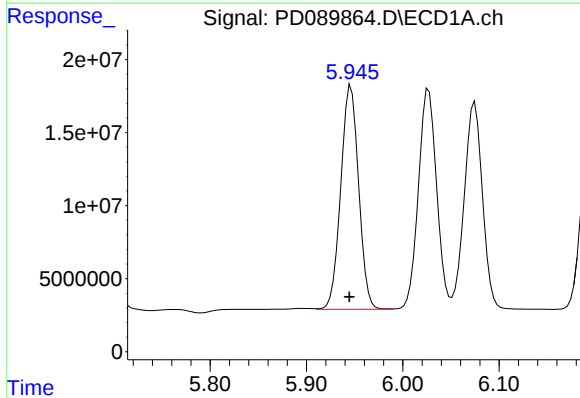
R.T.: 6.075 min  
Delta R.T.: 0.003 min  
Response: 186173686  
Conc: 46.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



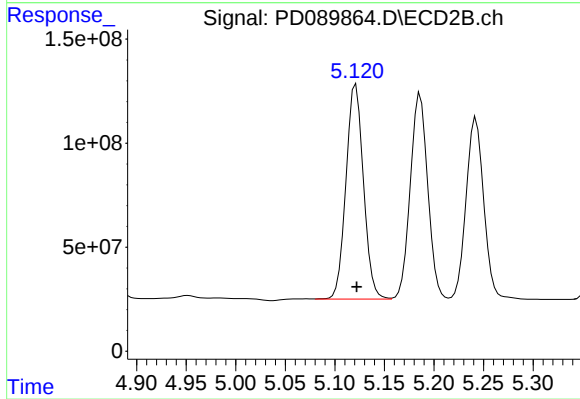
#9 Endosulfan I

R.T.: 5.242 min  
Delta R.T.: 0.000 min  
Response: 1076831339  
Conc: 55.09 ng/ml



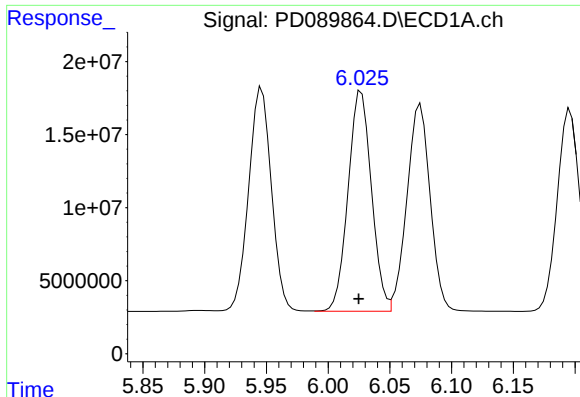
#10 gamma-Chlordane

R.T.: 5.946 min  
Delta R.T.: 0.002 min  
Response: 196943535  
Conc: 47.13 ng/ml



#10 gamma-Chlordane

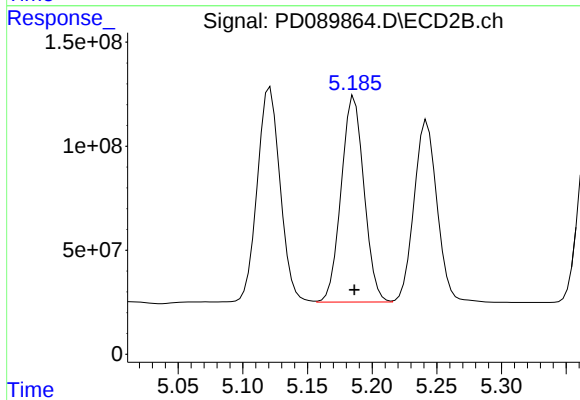
R.T.: 5.121 min  
Delta R.T.: 0.000 min  
Response: 1268296722  
Conc: 58.57 ng/ml



#11 alpha-Chlordane

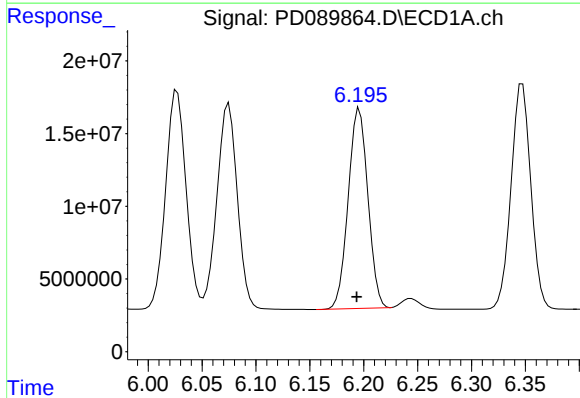
R.T.: 6.027 min  
Delta R.T.: 0.002 min  
Response: 198922010  
Conc: 47.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



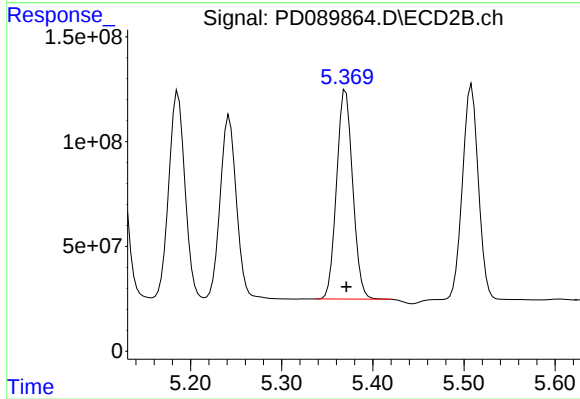
#11 alpha-Chlordane

R.T.: 5.186 min  
Delta R.T.: 0.000 min  
Response: 1213344606  
Conc: 58.27 ng/ml



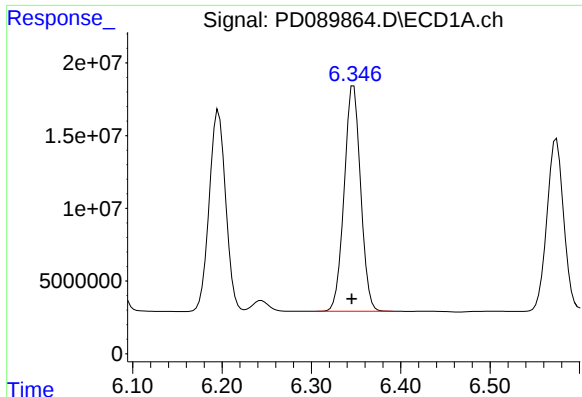
#12 4,4'-DDE

R.T.: 6.196 min  
Delta R.T.: 0.002 min  
Response: 175152810  
Conc: 46.96 ng/ml



#12 4,4'-DDE

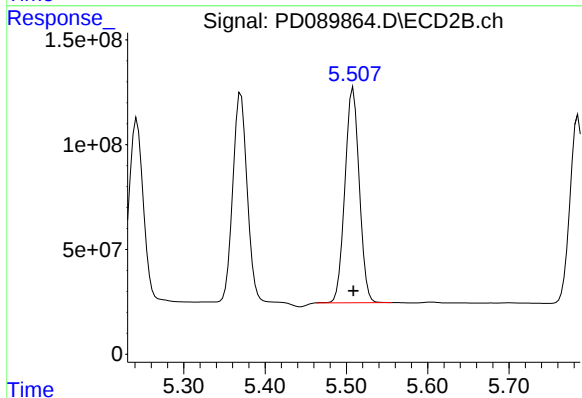
R.T.: 5.370 min  
Delta R.T.: 0.000 min  
Response: 1227514358  
Conc: 58.07 ng/ml



#13 Dieldrin

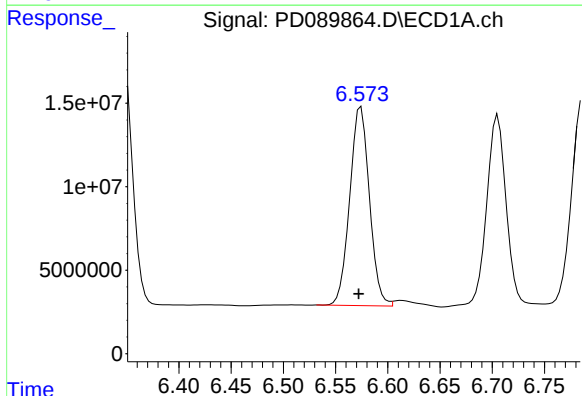
R.T.: 6.347 min  
Delta R.T.: 0.002 min  
Response: 197977221  
Conc: 46.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



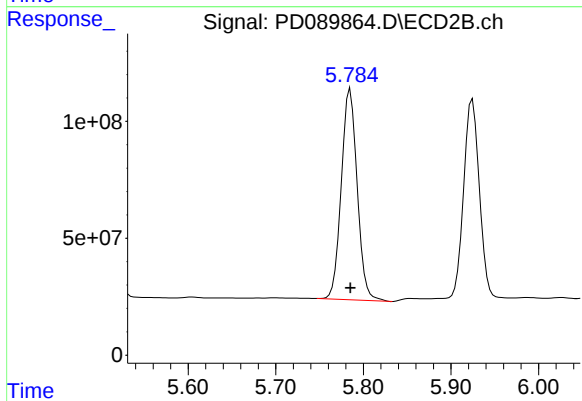
#13 Dieldrin

R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 1254962340  
Conc: 58.00 ng/ml



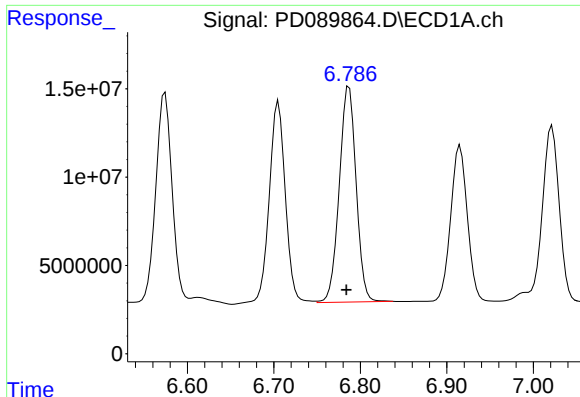
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: 0.002 min  
Response: 156452659  
Conc: 43.73 ng/ml



#14 Endrin

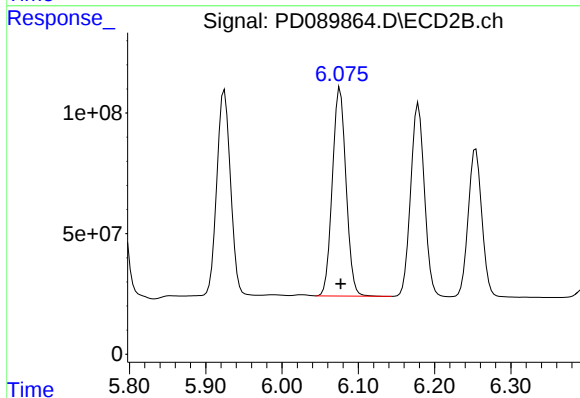
R.T.: 5.785 min  
Delta R.T.: 0.000 min  
Response: 1138883633  
Conc: 57.16 ng/ml



#15 Endosulfan II

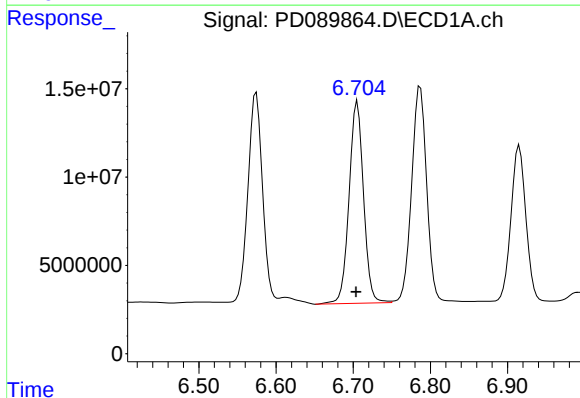
R.T.: 6.787 min  
Delta R.T.: 0.003 min  
Response: 164585898  
Conc: 44.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



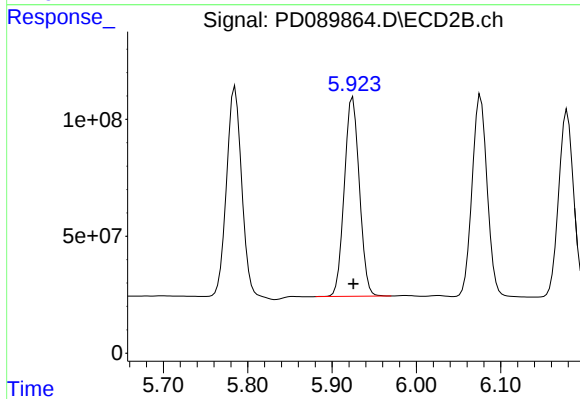
#15 Endosulfan II

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 1073349757  
Conc: 57.09 ng/ml



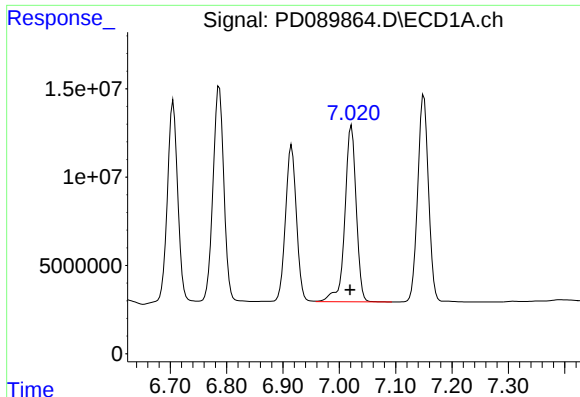
#16 4,4'-DDD

R.T.: 6.705 min  
Delta R.T.: 0.002 min  
Response: 148542980  
Conc: 49.60 ng/ml



#16 4,4'-DDD

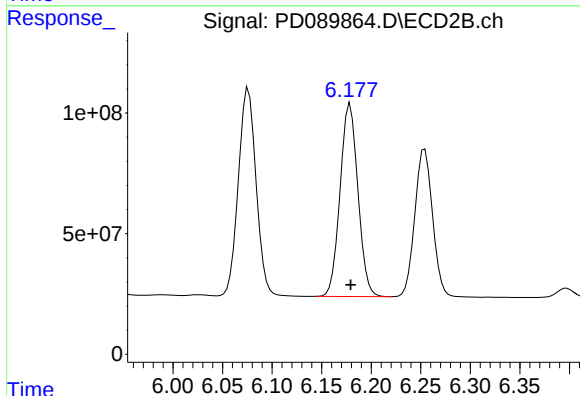
R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 1058389764  
Conc: 60.02 ng/ml



#17 4,4'-DDT

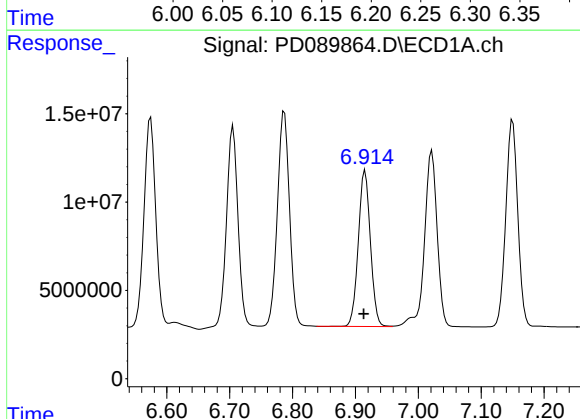
R.T.: 7.022 min  
Delta R.T.: 0.002 min  
Response: 139781328  
Conc: 41.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



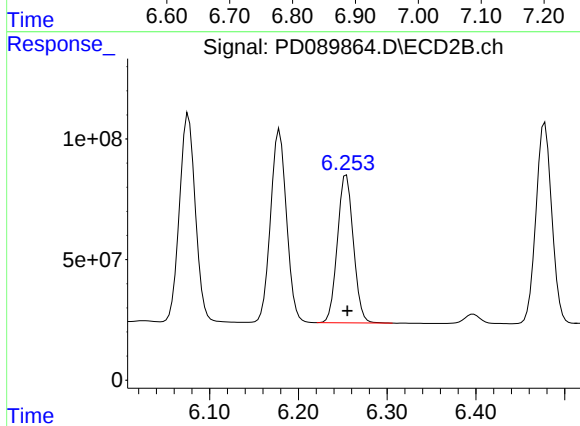
#17 4,4'-DDT

R.T.: 6.179 min  
Delta R.T.: 0.000 min  
Response: 1000523593  
Conc: 54.46 ng/ml



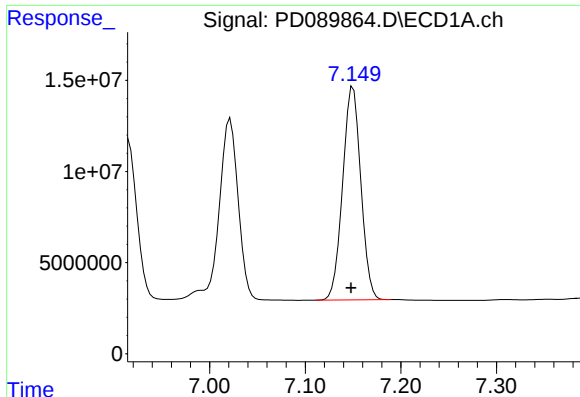
#18 Endrin aldehyde

R.T.: 6.915 min  
Delta R.T.: 0.002 min  
Response: 118434570  
Conc: 47.46 ng/ml



#18 Endrin aldehyde

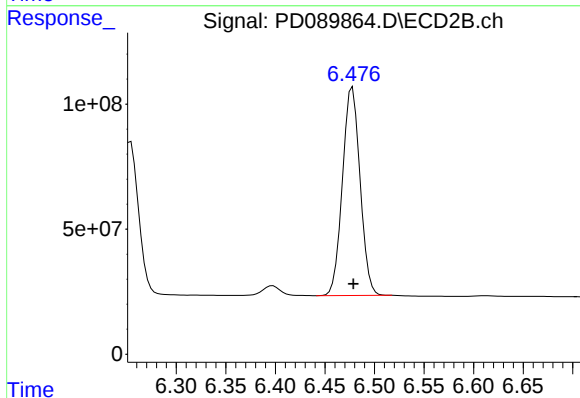
R.T.: 6.254 min  
Delta R.T.: -0.001 min  
Response: 766084347  
Conc: 59.29 ng/ml



#19 Endosulfan Sulfate

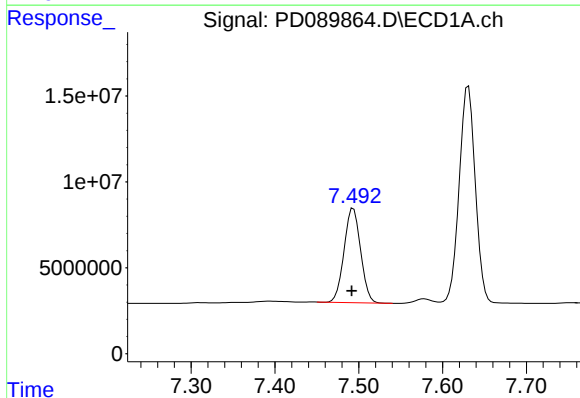
R.T.: 7.150 min  
Delta R.T.: 0.002 min  
Response: 155142202  
Conc: 44.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



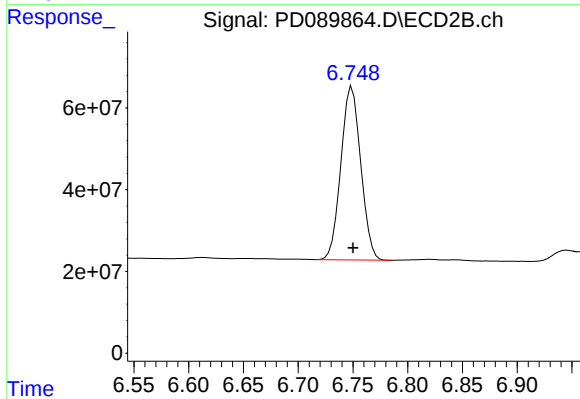
#19 Endosulfan Sulfate

R.T.: 6.478 min  
Delta R.T.: 0.000 min  
Response: 1030333225  
Conc: 55.50 ng/ml



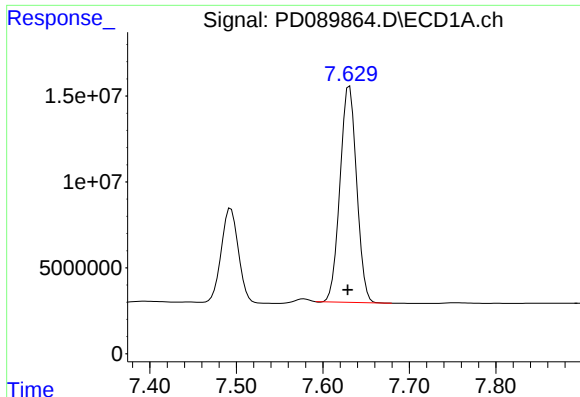
#20 Methoxychlor

R.T.: 7.494 min  
Delta R.T.: 0.002 min  
Response: 75279187  
Conc: 42.10 ng/ml



#20 Methoxychlor

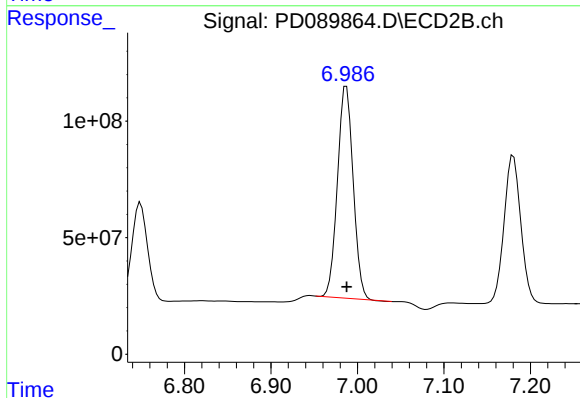
R.T.: 6.749 min  
Delta R.T.: -0.001 min  
Response: 534711378  
Conc: 54.59 ng/ml



#21 Endrin ketone

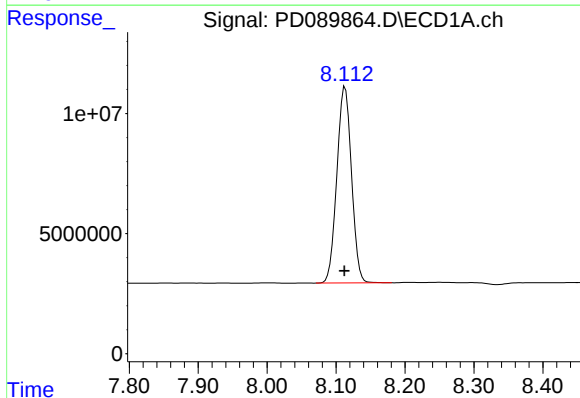
R.T.: 7.631 min  
Delta R.T.: 0.002 min  
Response: 166968961  
Conc: 44.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



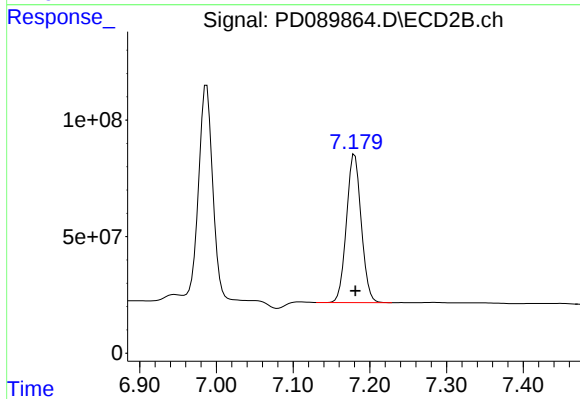
#21 Endrin ketone

R.T.: 6.987 min  
Delta R.T.: 0.000 min  
Response: 1138350991  
Conc: 56.72 ng/ml



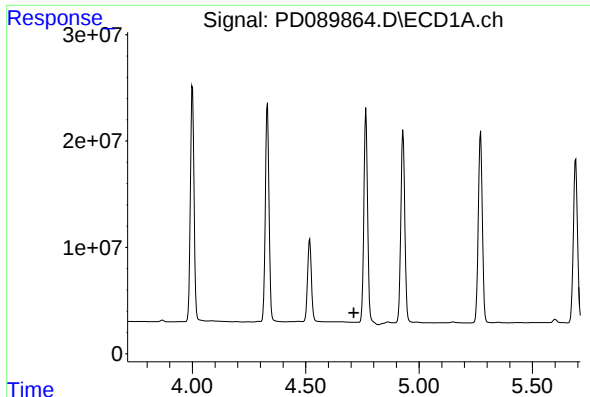
#22 Mirex

R.T.: 8.113 min  
Delta R.T.: 0.001 min  
Response: 120684422  
Conc: 43.28 ng/ml



#22 Mirex

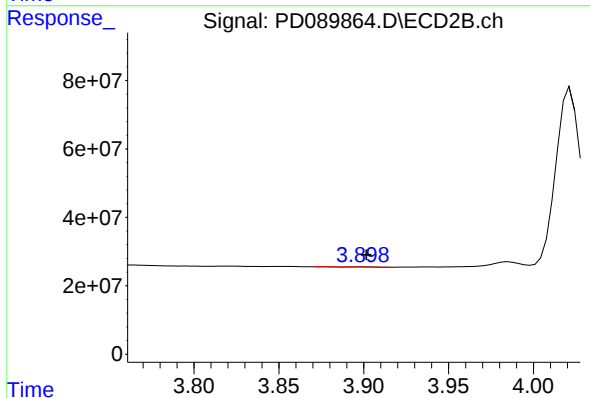
R.T.: 7.180 min  
Delta R.T.: 0.000 min  
Response: 855615345  
Conc: 56.21 ng/ml



#23 Chlordane-1

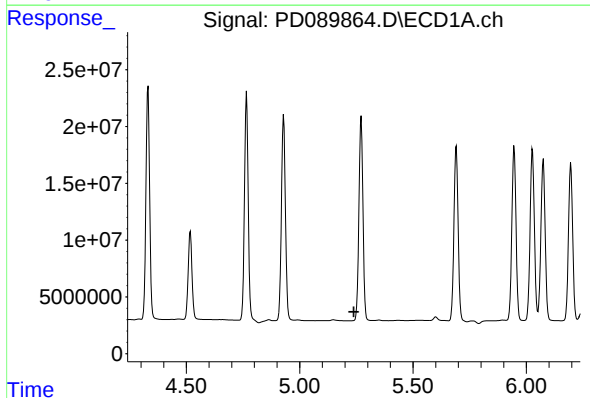
R.T.: 0.000 min  
Exp R.T.: 4.712 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



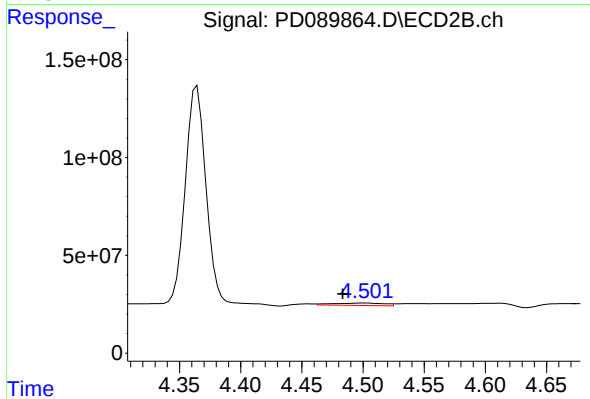
#23 Chlordane-1

R.T.: 3.899 min  
Delta R.T.: -0.002 min  
Response: 662324  
Conc: 0.91 ng/ml



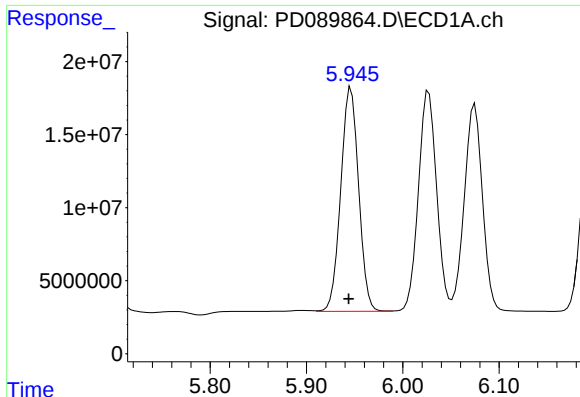
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.238 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

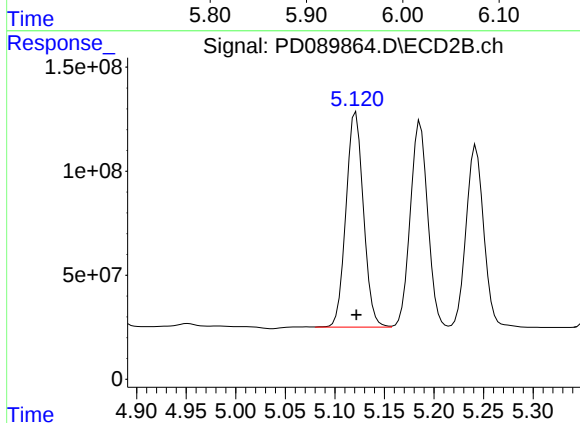
R.T.: 4.501 min  
Delta R.T.: 0.018 min  
Response: 36933960  
Conc: 48.32 ng/ml



#25 Chlordane-3

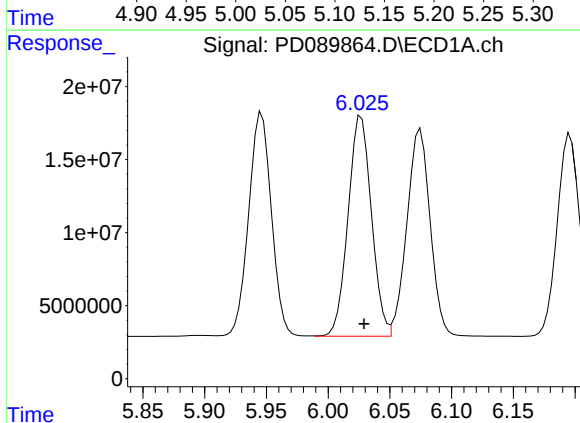
R.T.: 5.946 min  
Delta R.T.: 0.002 min  
Response: 196943535  
Conc: 287.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



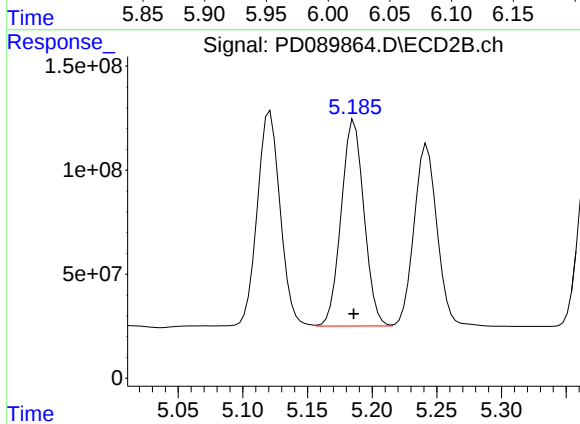
#25 Chlordane-3

R.T.: 5.121 min  
Delta R.T.: 0.000 min  
Response: 1268296722  
Conc: 548.03 ng/ml



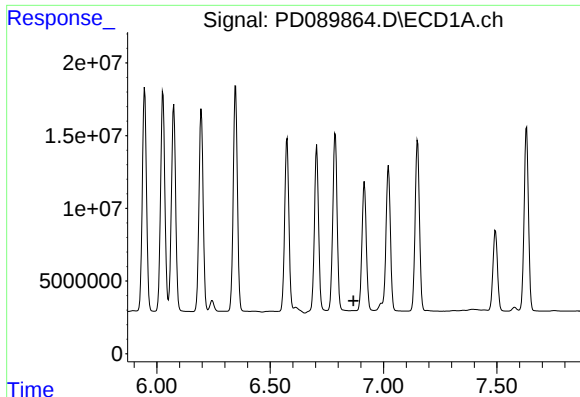
#26 Chlordane-4

R.T.: 6.027 min  
Delta R.T.: -0.002 min  
Response: 198922010  
Conc: 237.63 ng/ml



#26 Chlordane-4

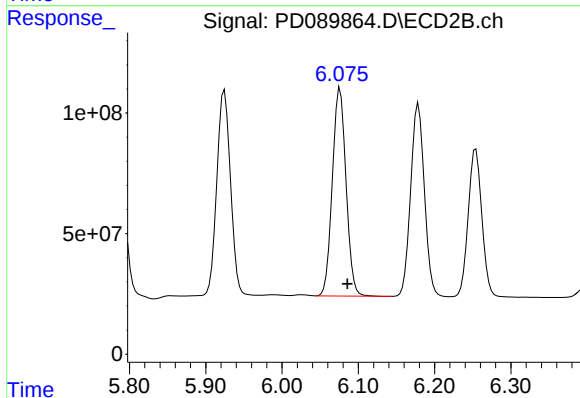
R.T.: 5.186 min  
Delta R.T.: 0.000 min  
Response: 1213344606  
Conc: 609.86 ng/ml



#27 Chlordane-5

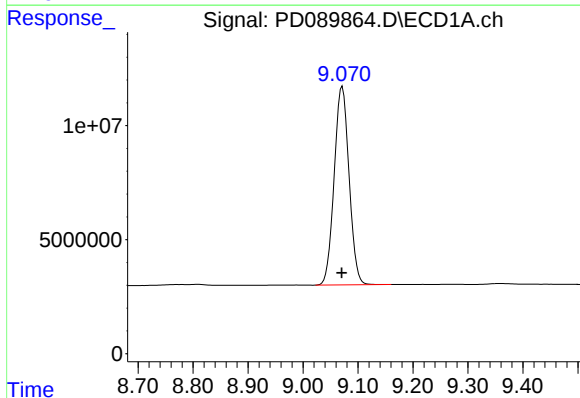
R.T.: 0.000 min  
Exp R.T.: 6.868 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



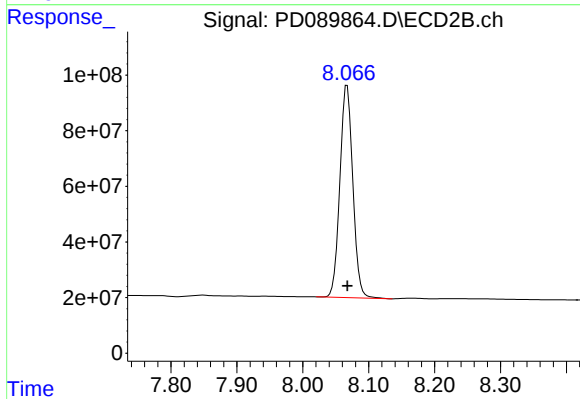
#27 Chlordane-5

R.T.: 6.076 min  
Delta R.T.: -0.010 min  
Response: 1073349757  
Conc: 1186.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: 0.000 min  
Response: 163621962  
Conc: 44.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min  
Delta R.T.: 0.000 min  
Response: 1042030196  
Conc: 51.90 ng/ml