

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD021225\  
 Data File : PD087835.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Feb 2025 12:30  
 Operator : AR\AJ  
 Sample : INDA313  
 Misc :  
 ALS Vial : 99 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 11 14:47:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011725CLP-TCLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 17 04:06:07 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x 0. 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... | 3.554  | 2.881  | 46185529 | 291.6E6  | 22.130   | 23.505     |
| 27)                         | SA Decachlor... | 9.079  | 8.078  | 128.3E6  | 597.6E6  | 38.236   | 41.434     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.003  | 3.394  | 91473706 | 458.1E6  | 20.882   | 22.928     |
| 3)                          | MA gamma-BHC... | 4.335  | 3.731  | 84420126 | 418.4E6  | 20.006   | 22.660     |
| 4)                          | MA Heptachlor   | 4.934  | 4.085  | 84974328 | 412.9E6  | 19.871   | 22.079     |
| 5)                          | MB Aldrin       | 5.276  | 4.372  | 2983074  | 16882533 | 0.714    | 0.940 #    |
| 7)                          | B delta-BHC     | 4.782  | 4.266  | 2425254  | 403301   | 0.559    | <MDL #     |
| 9)                          | A Endosulfan I  | 6.079  | 5.250  | 71758732 | 353.1E6  | 20.077   | 22.339     |
| 10)                         | B trans-Chl...  | 5.917f | 5.131  | 1993911  | 911670   | 0.523    | <MDL #     |
| 11)                         | B cis-Chlor...  | 6.079f | 5.172  | 71758732 | 72371    | 18.703   | <MDL #     |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.380  | 0        | 1199352  | N.D.     | <MDL       |
| 13)                         | MA Dieldrin     | 6.352  | 5.516  | 156.6E6  | 745.4E6  | 39.639   | 44.714     |
| 14)                         | MA Endrin       | 6.579  | 5.793  | 117.6E6  | 631.4E6  | 35.616   | 42.448     |
| 15)                         | B Endosulfa...  | 6.776  | 6.091  | 896915   | 749843   | 0.274    | <MDL #     |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.934  | 113.7E6  | 619.3E6  | 39.848   | 46.312     |
| 17)                         | MA 4,4'-DDT     | 7.025  | 6.188  | 102.2E6  | 547.6E6  | 34.193   | 39.732     |
| 18)                         | B Endrin al...  | 6.920  | 6.262  | 2105920  | 15157805 | 0.830    | 1.335 #    |
| 19)                         | B Endosulfa...  | 0.000  | 6.470  | 0        | 796929   | N.D.     | <MDL       |
| 20)                         | A Methoxychlor  | 7.497  | 6.759  | 281.4E6  | 1247.6E6 | 176.866  | 208.112    |
| 21)                         | B Endrin ke...  | 7.634  | 6.994  | 12957577 | 48163634 | 3.696    | 3.065      |
| 22)                         | Toxaphene-1     | 6.302f | 5.172  | 228394   | 72371    | 9.724    | 0.829 #    |
| 23)                         | Toxaphene-2     | 6.518f | 5.516  | -266067  | 745.4E6  | N.D.     | 8261.412   |
| 24)                         | Toxaphene-3     | 7.025f | 6.759  | 102.2E6  | 1247.6E6 | 1102.324 | 4113.215 # |
| 25)                         | Toxaphene-4     | 0.000  | 7.213  | 0        | 233615   | N.D.     | 1.118      |
| 26)                         | Toxaphene-5     | 0.000  | 7.297f | 0        | 1179080  | N.D.     | 7.414      |
| -----                       |                 |        |        |          |          |          |            |

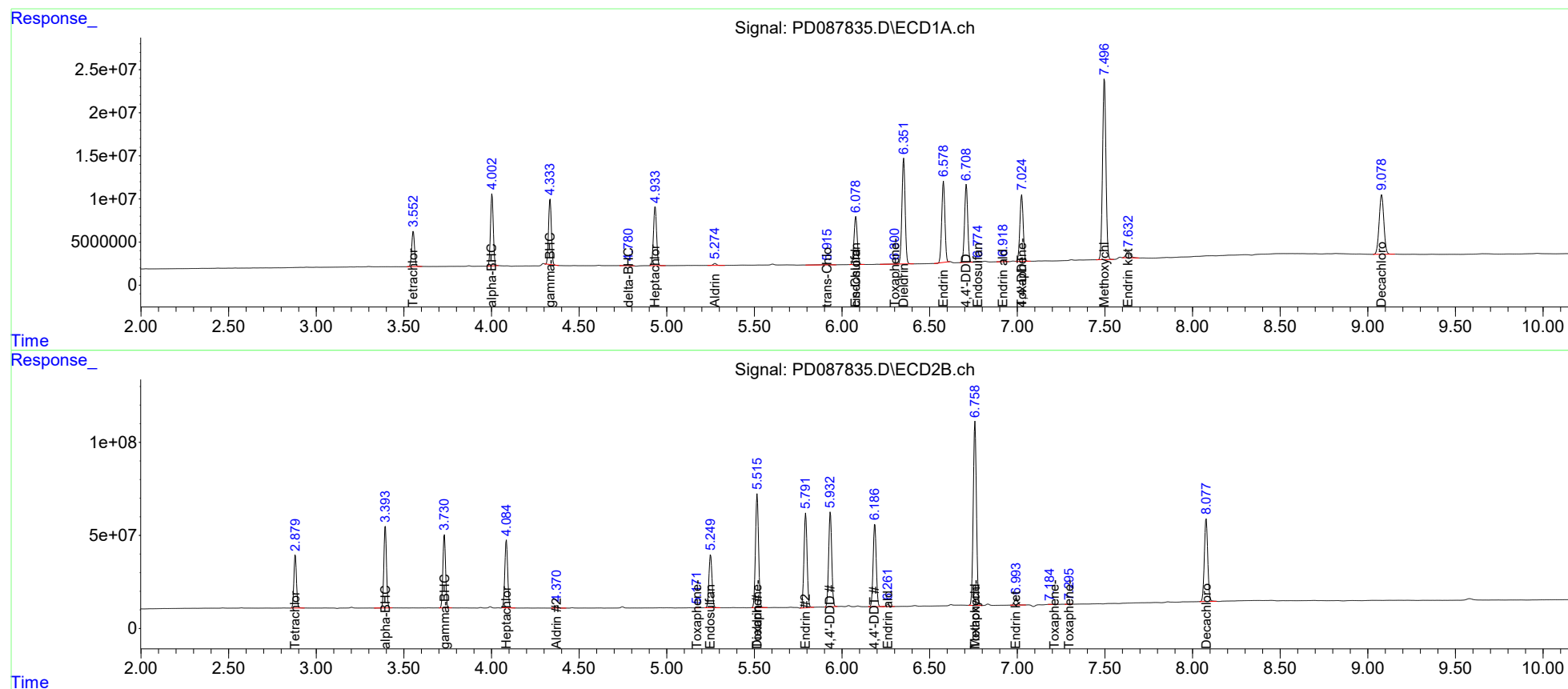
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

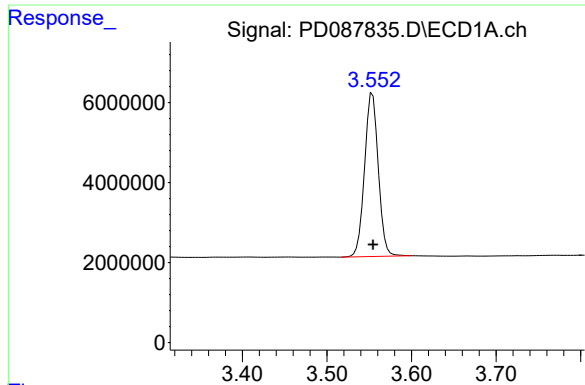
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD021225\  
Data File : PD087835.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Feb 2025 12:30  
Operator : AR\AJ  
Sample : INDA313  
Misc :  
ALS Vial : 99 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 11 14:47:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011725CLP-TCLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 17 04:06:07 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 x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

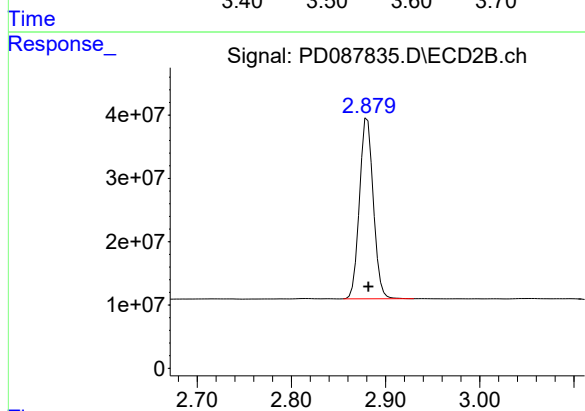




#1 Tetrachloro-m-xylene

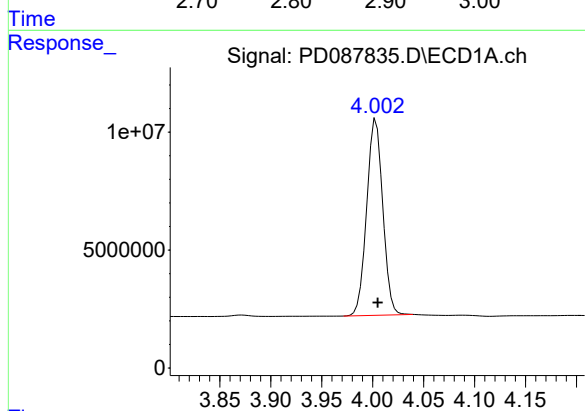
R.T.: 3.554 min  
Delta R.T.: -0.001 min  
Response: 46185529  
Conc: 22.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



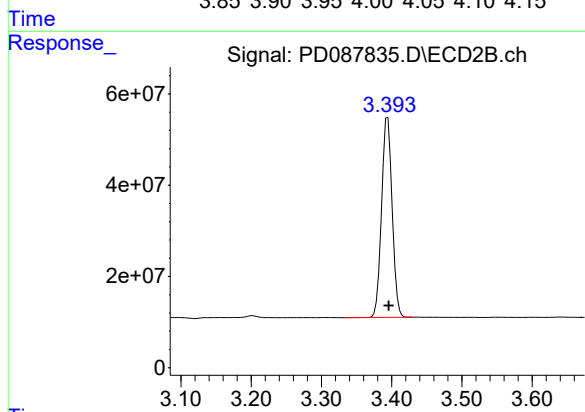
#1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: -0.001 min  
Response: 291571813  
Conc: 23.51 ng/ml



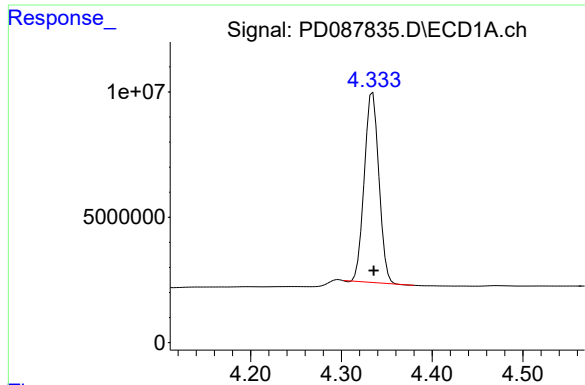
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: -0.002 min  
Response: 91473706  
Conc: 20.88 ng/ml



#2 alpha-BHC

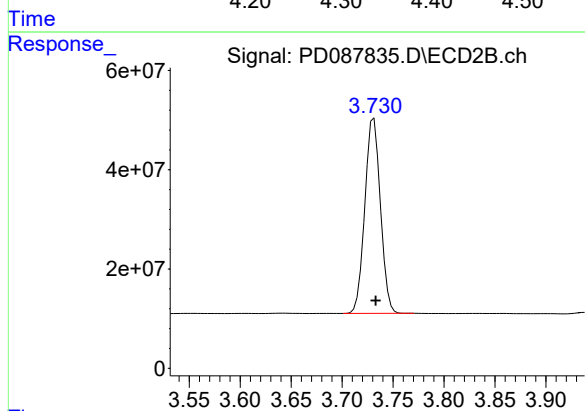
R.T.: 3.394 min  
Delta R.T.: -0.002 min  
Response: 458077546  
Conc: 22.93 ng/ml



#3 gamma-BHC (Lindane)

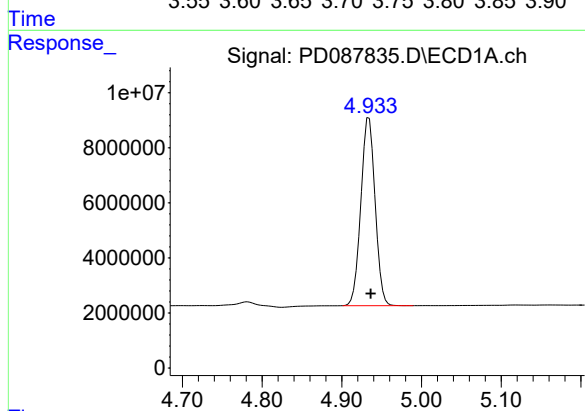
R.T.: 4.335 min  
Delta R.T.: -0.001 min  
Response: 84420126  
Conc: 20.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



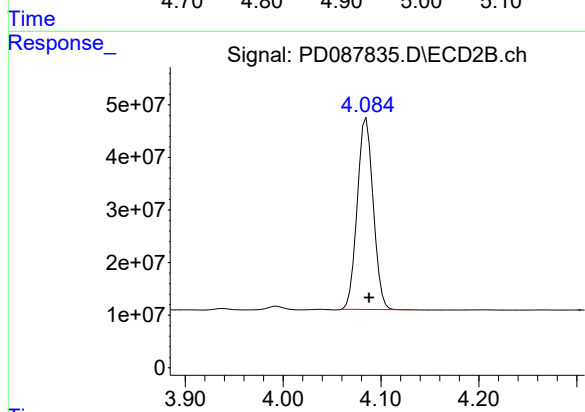
#3 gamma-BHC (Lindane)

R.T.: 3.731 min  
Delta R.T.: -0.002 min  
Response: 418415021  
Conc: 22.66 ng/ml



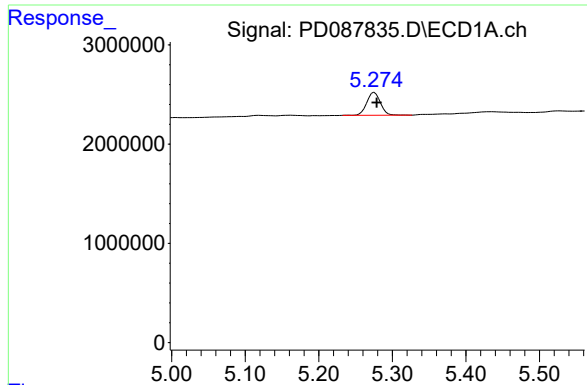
#4 Heptachlor

R.T.: 4.934 min  
Delta R.T.: -0.002 min  
Response: 84974328  
Conc: 19.87 ng/ml



#4 Heptachlor

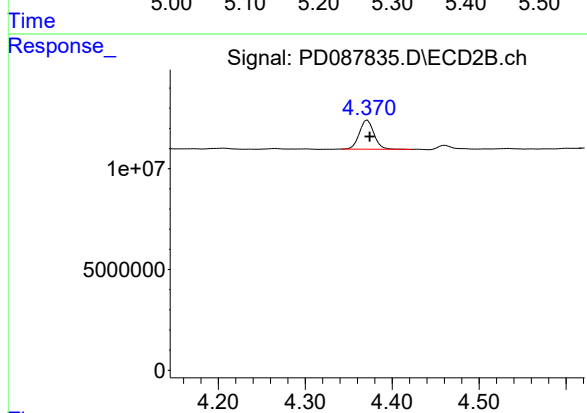
R.T.: 4.085 min  
Delta R.T.: -0.003 min  
Response: 412933958  
Conc: 22.08 ng/ml



#5 Aldrin

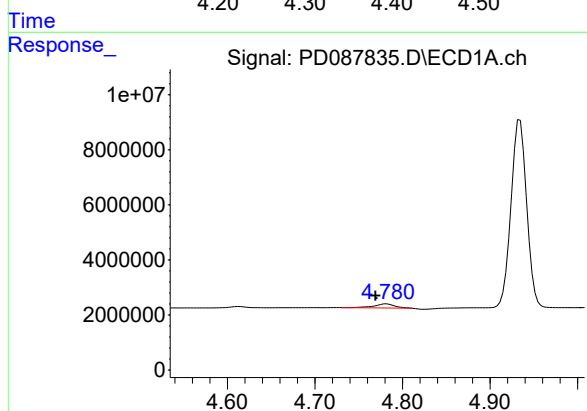
R.T.: 5.276 min  
Delta R.T.: -0.003 min  
Response: 2983074  
Conc: 0.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



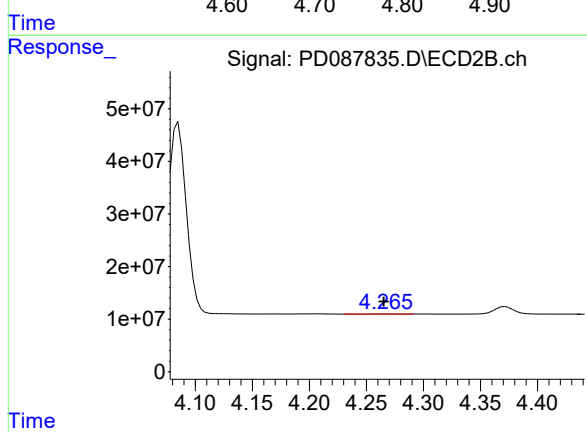
#5 Aldrin

R.T.: 4.372 min  
Delta R.T.: -0.003 min  
Response: 16882533  
Conc: 0.94 ng/ml



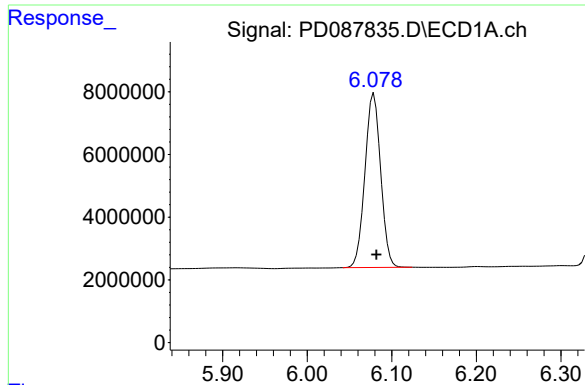
#7 delta-BHC

R.T.: 4.782 min  
Delta R.T.: 0.012 min  
Response: 2425254  
Conc: 0.56 ng/ml



#7 delta-BHC

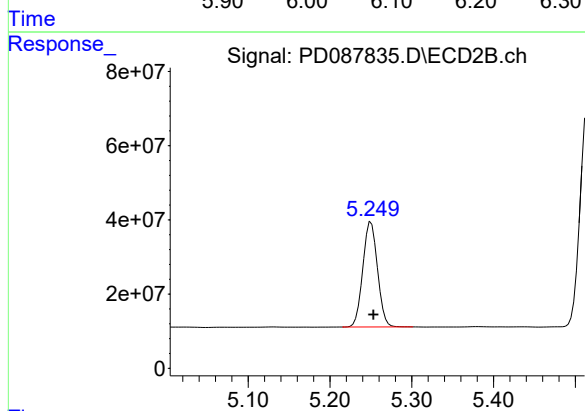
R.T.: 4.266 min  
Delta R.T.: 0.000 min  
Response: 403301  
Conc: N.D.



#9 Endosulfan I

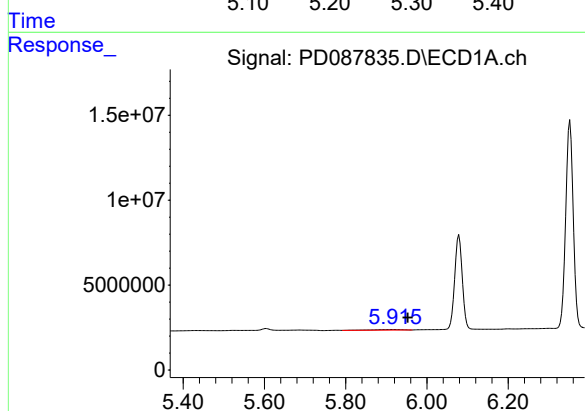
R.T.: 6.079 min  
Delta R.T.: -0.003 min  
Response: 71758732  
Conc: 20.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



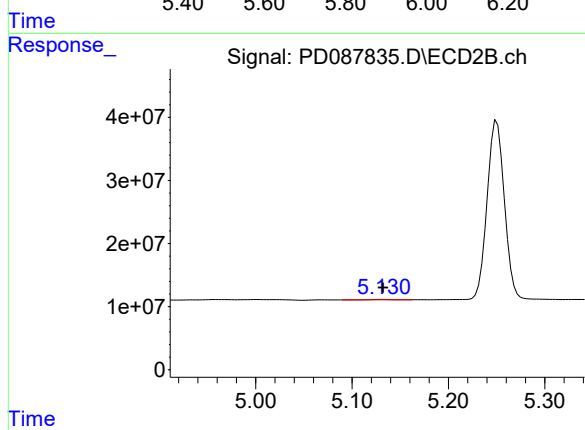
#9 Endosulfan I

R.T.: 5.250 min  
Delta R.T.: -0.003 min  
Response: 353052039  
Conc: 22.34 ng/ml



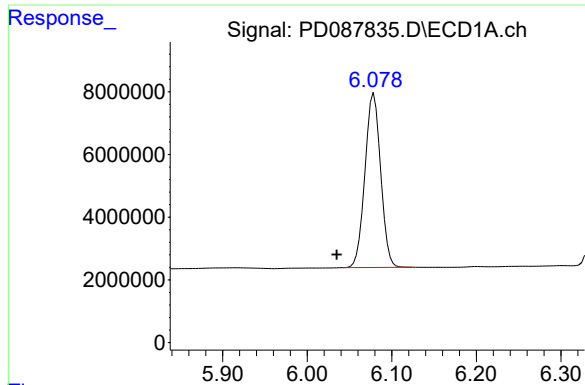
#10 trans-Chlordane

R.T.: 5.917 min  
Delta R.T.: -0.037 min  
Response: 1993911  
Conc: 0.52 ng/ml



#10 trans-Chlordane

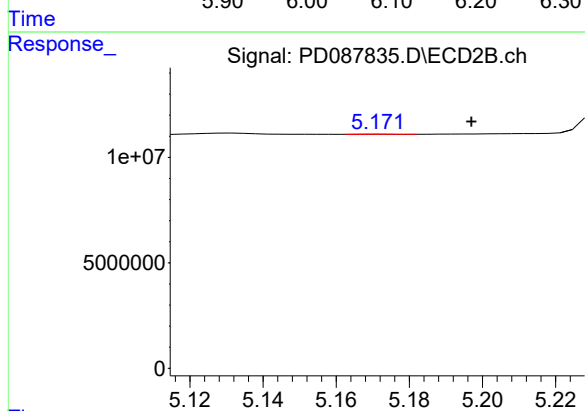
R.T.: 5.131 min  
Delta R.T.: -0.001 min  
Response: 911670  
Conc: N.D.



#11 cis-Chlordane

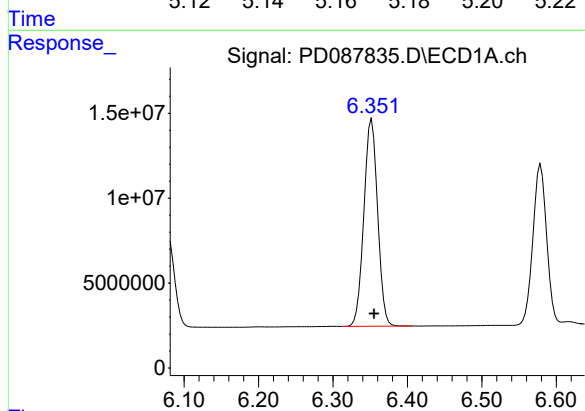
R.T.: 6.079 min  
Delta R.T.: 0.044 min  
Response: 71758732  
Conc: 18.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



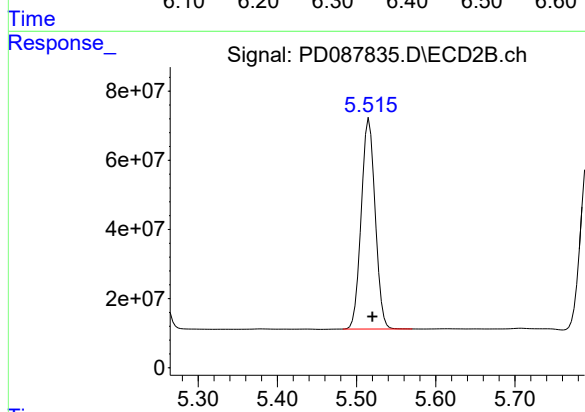
#11 cis-Chlordane

R.T.: 5.172 min  
Delta R.T.: -0.025 min  
Response: 72371  
Conc: N.D.



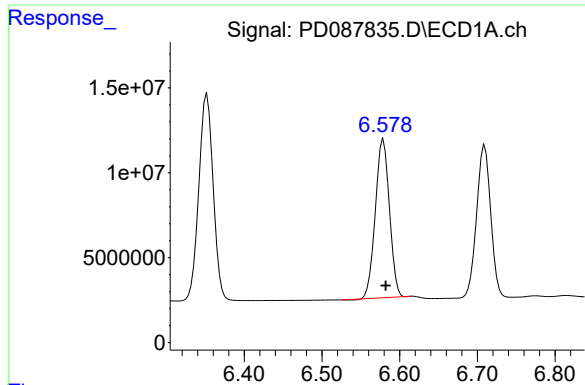
#13 Dieldrin

R.T.: 6.352 min  
Delta R.T.: -0.003 min  
Response: 156621752  
Conc: 39.64 ng/ml



#13 Dieldrin

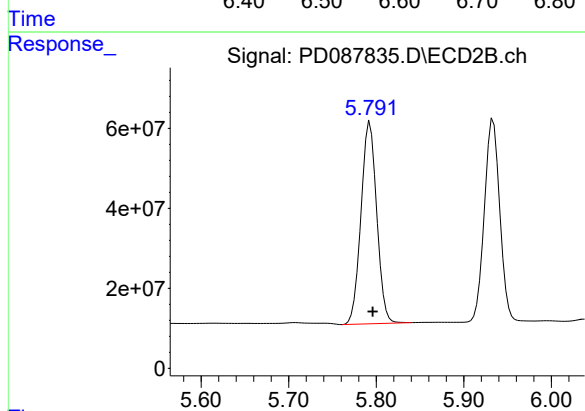
R.T.: 5.516 min  
Delta R.T.: -0.004 min  
Response: 745368100  
Conc: 44.71 ng/ml



#14 Endrin

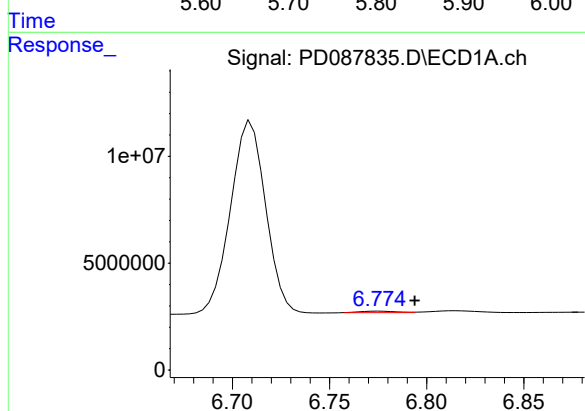
R.T.: 6.579 min  
Delta R.T.: -0.003 min  
Response: 117609860  
Conc: 35.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



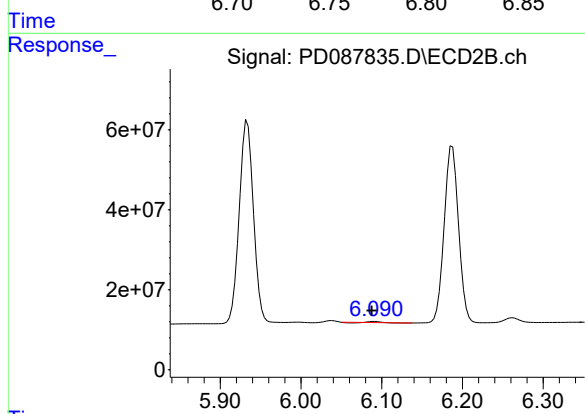
#14 Endrin

R.T.: 5.793 min  
Delta R.T.: -0.003 min  
Response: 631430478  
Conc: 42.45 ng/ml



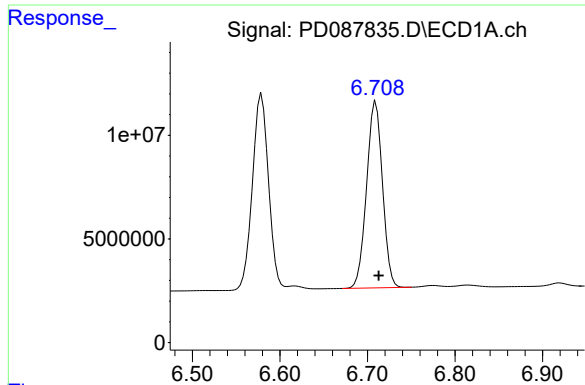
#15 Endosulfan II

R.T.: 6.776 min  
Delta R.T.: -0.018 min  
Response: 896915  
Conc: 0.27 ng/ml



#15 Endosulfan II

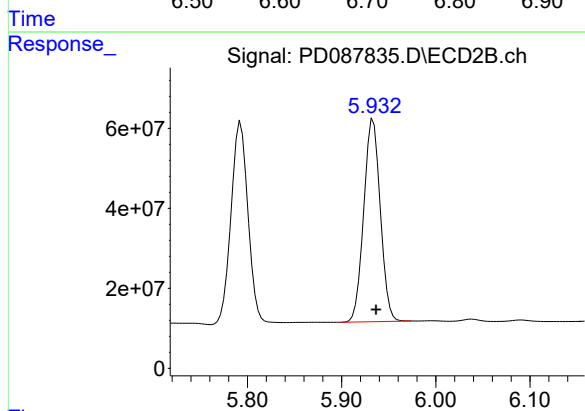
R.T.: 6.091 min  
Delta R.T.: 0.003 min  
Response: 749843  
Conc: N.D.



#16 4,4'-DDD

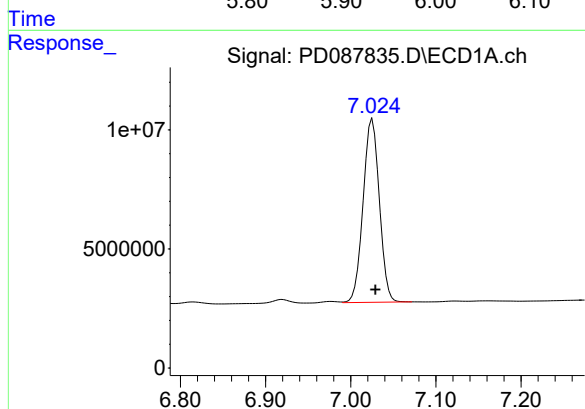
R.T.: 6.710 min  
Delta R.T.: -0.003 min  
Response: 113669263  
Conc: 39.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



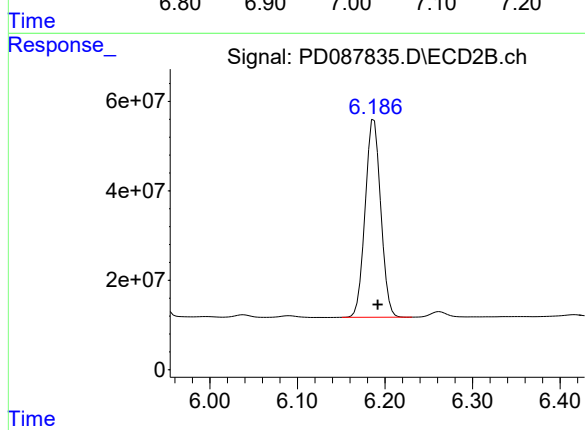
#16 4,4'-DDD

R.T.: 5.934 min  
Delta R.T.: -0.003 min  
Response: 619328812  
Conc: 46.31 ng/ml



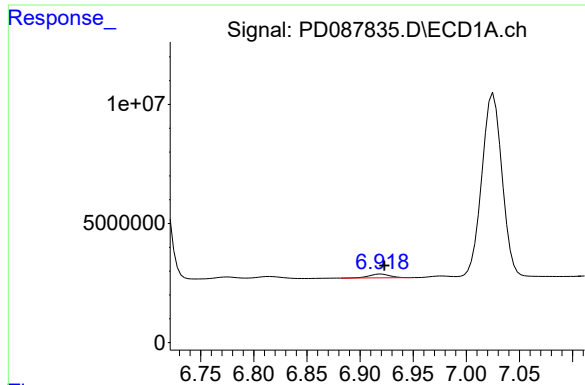
#17 4,4'-DDT

R.T.: 7.025 min  
Delta R.T.: -0.004 min  
Response: 102212494  
Conc: 34.19 ng/ml



#17 4,4'-DDT

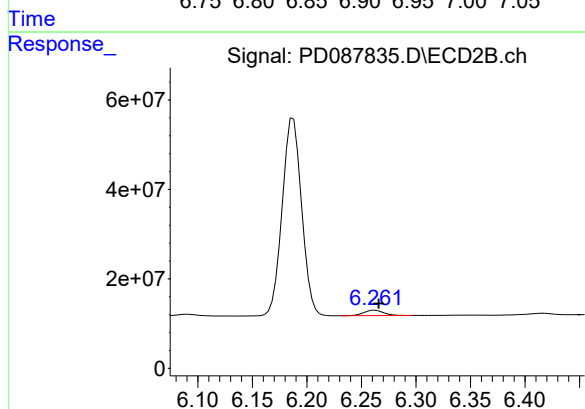
R.T.: 6.188 min  
Delta R.T.: -0.004 min  
Response: 547633813  
Conc: 39.73 ng/ml



#18 Endrinaldehyde

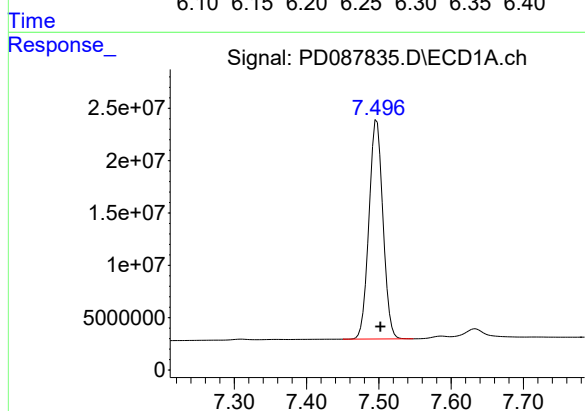
R.T.: 6.920 min  
Delta R.T.: -0.003 min  
Response: 2105920  
Conc: 0.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



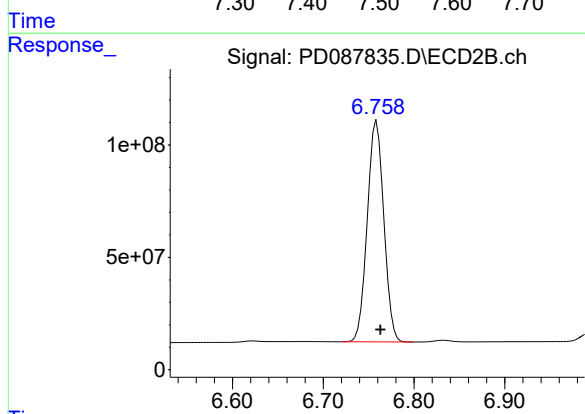
#18 Endrin aldehyde

R.T.: 6.262 min  
Delta R.T.: -0.004 min  
Response: 15157805  
Conc: 1.33 ng/ml



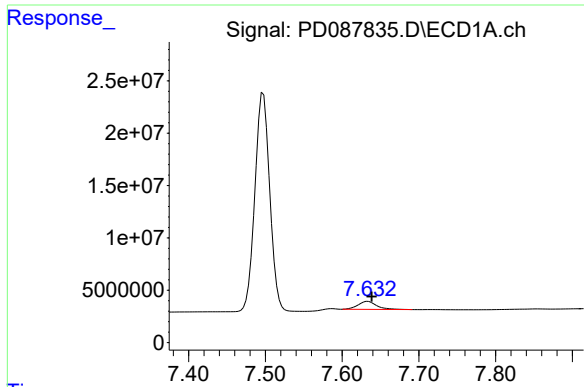
#20 Methoxychlor

R.T.: 7.497 min  
Delta R.T.: -0.005 min  
Response: 281447059  
Conc: 176.87 ng/ml



#20 Methoxychlor

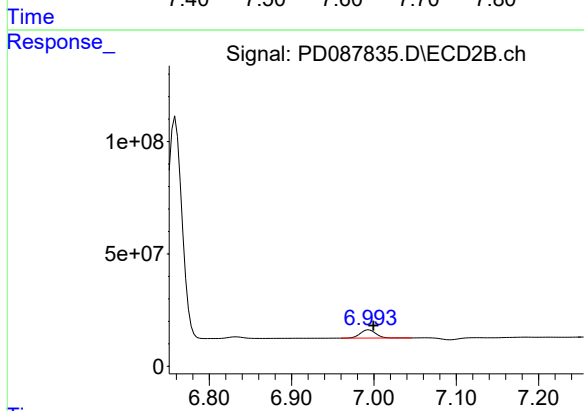
R.T.: 6.759 min  
Delta R.T.: -0.004 min  
Response: 1247561529  
Conc: 208.11 ng/ml



#21 Endrin ketone

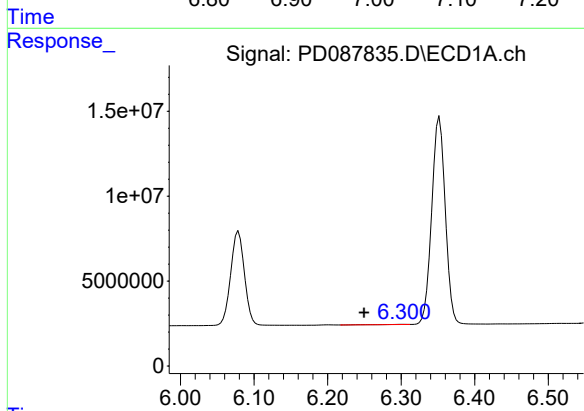
R.T.: 7.634 min  
Delta R.T.: -0.005 min  
Response: 12957577  
Conc: 3.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



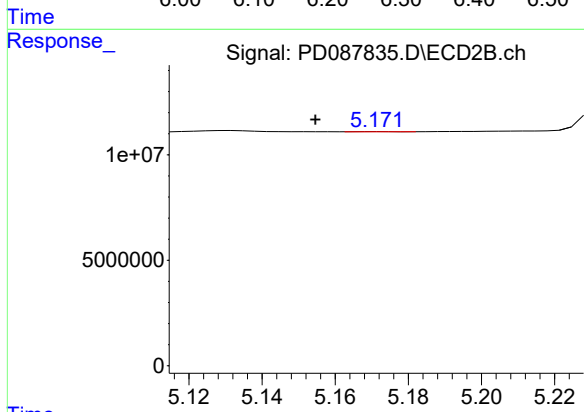
#21 Endrin ketone

R.T.: 6.994 min  
Delta R.T.: -0.006 min  
Response: 48163634  
Conc: 3.07 ng/ml



#22 Toxaphene-1

R.T.: 6.302 min  
Delta R.T.: 0.052 min  
Response: 228394  
Conc: 9.72 ng/ml

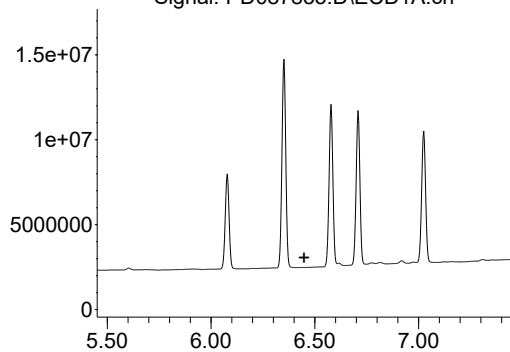


#22 Toxaphene-1

R.T.: 5.172 min  
Delta R.T.: 0.017 min  
Response: 72371  
Conc: 0.83 ng/ml

Response\_

Signal: PD087835.D\ECD1A.ch



#23 Toxaphene-2

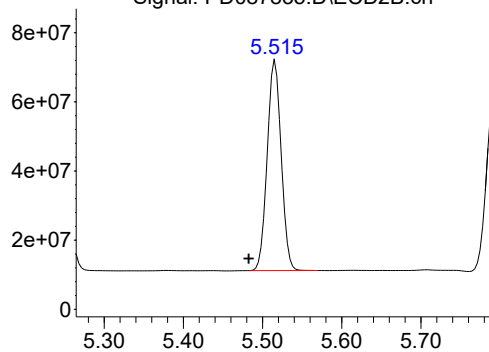
R.T.: 6.518 min  
Delta R.T.: 0.069 min  
Response: -266067  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :

Time

Response\_

Signal: PD087835.D\ECD2B.ch



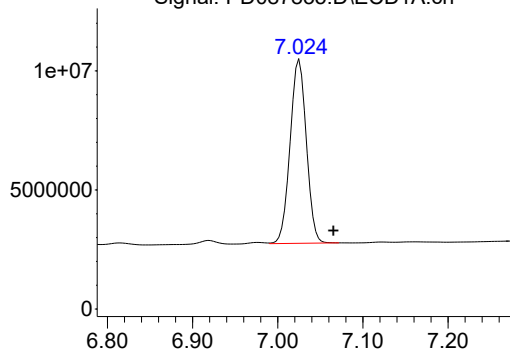
#23 Toxaphene-2

R.T.: 5.516 min  
Delta R.T.: 0.033 min  
Response: 745368100  
Conc: 8261.41 ng/ml

Time

Response\_

Signal: PD087835.D\ECD1A.ch



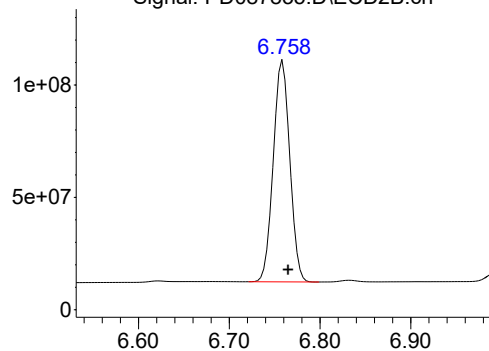
#24 Toxaphene-3

R.T.: 7.025 min  
Delta R.T.: -0.040 min  
Response: 102212494  
Conc: 1102.32 ng/ml

Time

Response\_

Signal: PD087835.D\ECD2B.ch



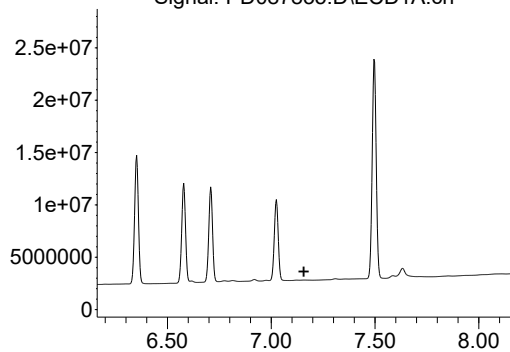
#24 Toxaphene-3

R.T.: 6.759 min  
Delta R.T.: -0.006 min  
Response: 1247561529  
Conc: 4113.22 ng/ml

Time

Response\_

Signal: PD087835.D\ECD1A.ch



#25 Toxaphene-4

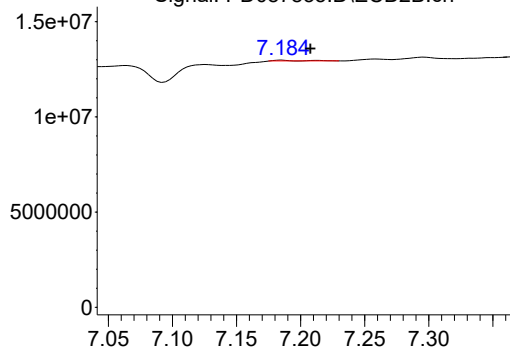
R.T.: 0.000 min  
Exp R.T.: 7.158 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :

Time

Response\_

Signal: PD087835.D\ECD2B.ch



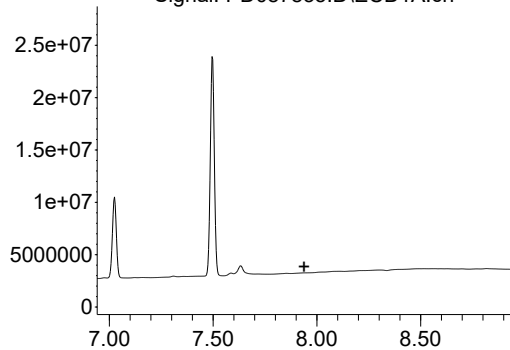
#25 Toxaphene-4

R.T.: 7.213 min  
Delta R.T.: 0.006 min  
Response: 233615  
Conc: 1.12 ng/ml

Time

Response\_

Signal: PD087835.D\ECD1A.ch



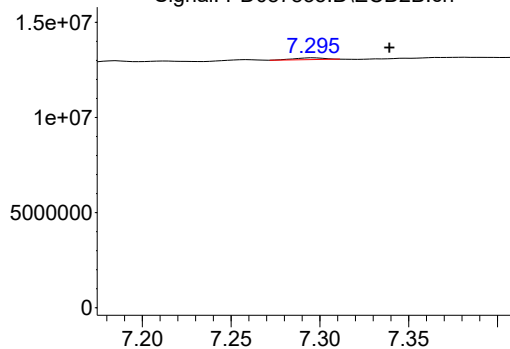
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T.: 7.939 min  
Response: 0  
Conc: N.D.

Time

Response\_

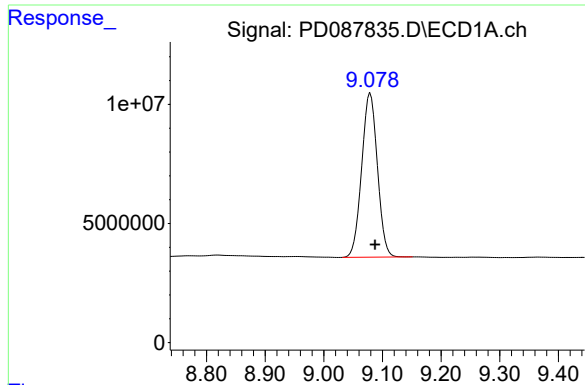
Signal: PD087835.D\ECD2B.ch



#26 Toxaphene-5

R.T.: 7.297 min  
Delta R.T.: -0.043 min  
Response: 1179080  
Conc: 7.41 ng/ml

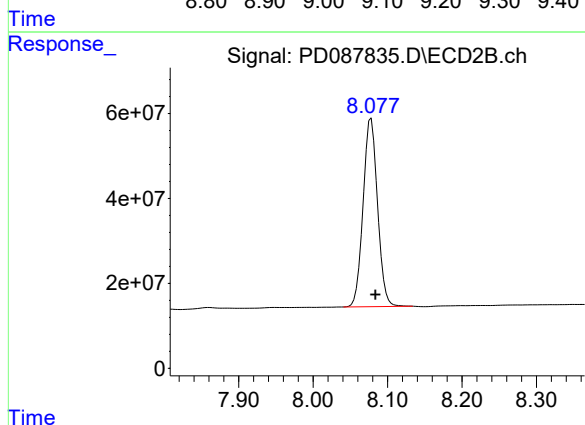
Time



#27 Decachlorobiphenyl

R.T.: 9.079 min  
Delta R.T.: -0.008 min  
Response: 128323181  
Conc: 38.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.078 min  
Delta R.T.: -0.006 min  
Response: 597587089  
Conc: 41.43 ng/ml