

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080224\  
 Data File : PD084182.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Aug 2024 09:57  
 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 02 23:48:17 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071524.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 16 04:22:06 2024  
 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... | 3.567 | 2.771  | 47127210 | 287.3E6 | 46.090  | 49.976     |
| 28)                         | SA Decachlor... | 9.119 | 7.895  | 96923562 | 300.5E6 | 42.457  | 46.793     |
| Target Compounds            |                 |       |        |          |         |         |            |
| 2)                          | A alpha-BHC     | 4.024 | 3.270  | 91256519 | 445.3E6 | 46.457  | 50.228     |
| 3)                          | MA gamma-BHC... | 4.358 | 3.598  | 90159755 | 420.0E6 | 46.653  | 52.523     |
| 4)                          | MA Heptachlor   | 4.950 | 3.936  | 94479696 | 409.6E6 | 47.496  | 50.423     |
| 5)                          | MB Aldrin       | 5.293 | 4.215  | 96798169 | 408.9E6 | 47.565  | 50.932     |
| 6)                          | B beta-BHC      | 4.556 | 3.896  | 37585049 | 181.3E6 | 47.383  | 51.520     |
| 7)                          | B delta-BHC     | 4.805 | 4.124  | 90880425 | 429.6E6 | 49.986  | 51.632     |
| 8)                          | B Heptachlo...  | 5.720 | 4.716  | 89812553 | 368.3E6 | 50.379  | 51.246     |
| 9)                          | A Endosulfan I  | 6.108 | 5.085  | 90897708 | 353.9E6 | 47.010  | 51.321     |
| 10)                         | B gamma-Chl...  | 5.978 | 4.965  | 95372265 | 387.1E6 | 47.698  | 51.063     |
| 11)                         | B alpha-Chl...  | 6.057 | 5.029  | 94215632 | 378.3E6 | 47.248  | 50.652     |
| 12)                         | B 4,4'-DDE      | 6.229 | 5.217  | 92380306 | 363.5E6 | 46.340  | 51.015     |
| 13)                         | MA Dieldrin     | 6.384 | 5.349  | 96388560 | 379.9E6 | 46.727  | 50.601     |
| 14)                         | MA Endrin       | 6.614 | 5.624  | 76852877 | 309.3E6 | 43.058  | 46.772     |
| 15)                         | B Endosulfa...  | 6.834 | 5.918  | 86864133 | 324.9E6 | 45.490  | 50.845     |
| 16)                         | A 4,4'-DDD      | 6.748 | 5.771  | 71342844 | 291.8E6 | 47.093  | 52.684     |
| 17)                         | MA 4,4'-DDT     | 7.063 | 6.022  | 73396303 | 275.6E6 | 42.734  | 48.053     |
| 18)                         | B Endrin al...  | 6.965 | 6.098  | 66902120 | 248.0E6 | 45.546  | 49.411     |
| 19)                         | B Endosulfa...  | 7.200 | 6.320  | 81649246 | 302.3E6 | 44.948  | 49.401     |
| 20)                         | A Methoxychlor  | 7.538 | 6.596  | 40704547 | 135.1E6 | 41.311  | 45.816     |
| 21)                         | B Endrin ke...  | 7.686 | 6.826  | 95272285 | 346.1E6 | 46.131  | 51.124     |
| 22)                         | Mirex           | 8.161 | 7.005  | 71363665 | 261.6E6 | 43.818  | 48.269     |
| 23)                         | Chlordane-1     | 0.000 | 3.793f | 0        | 9209    | N.D.    | 0.039 #    |
| 24)                         | Chlordane-2     | 0.000 | 4.353  | 0        | 1473828 | N.D.    | 5.251 #    |
| 25)                         | Chlordane-3     | 5.978 | 4.965  | 95372265 | 387.1E6 | 313.689 | 497.654 #  |
| 26)                         | Chlordane-4     | 6.057 | 5.029  | 94215632 | 378.3E6 | 256.237 | 493.500 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.918  | 0        | 324.9E6 | N.D.    | 1175.794 # |
| -----                       |                 |       |        |          |         |         |            |

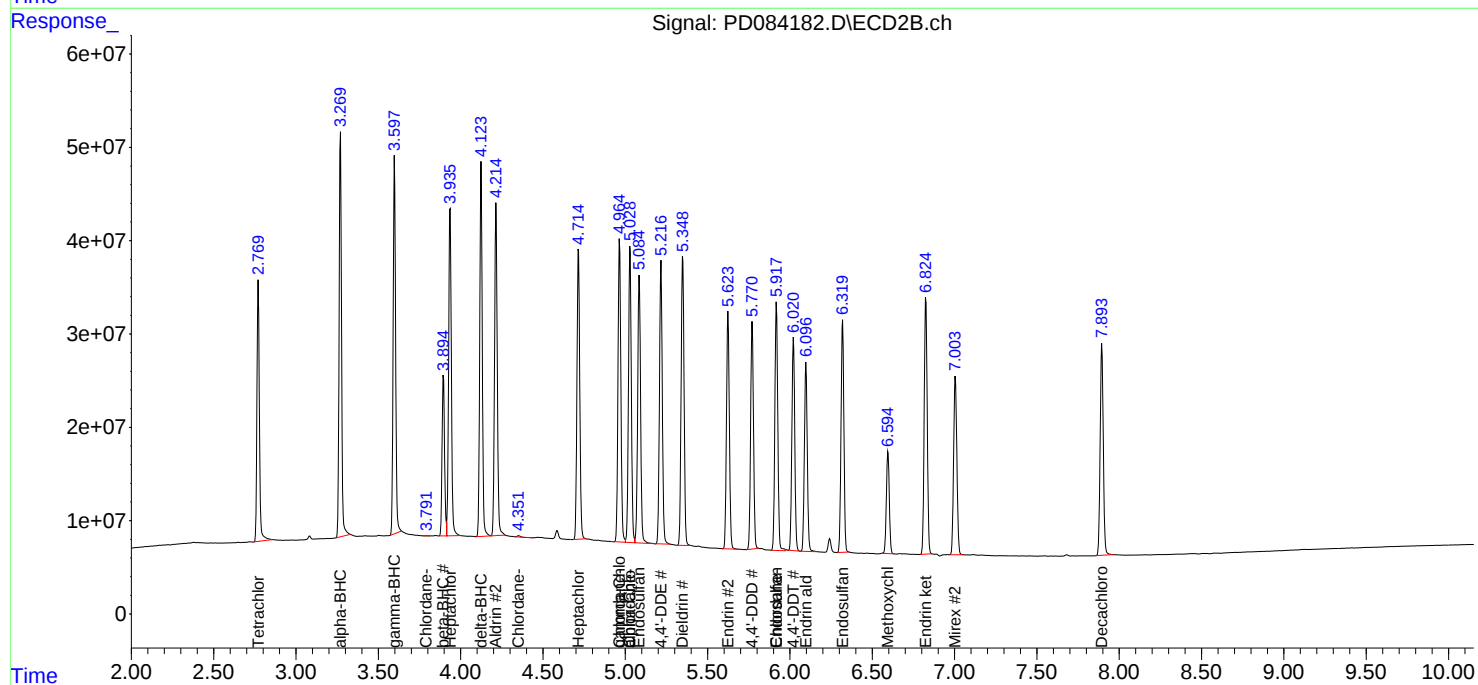
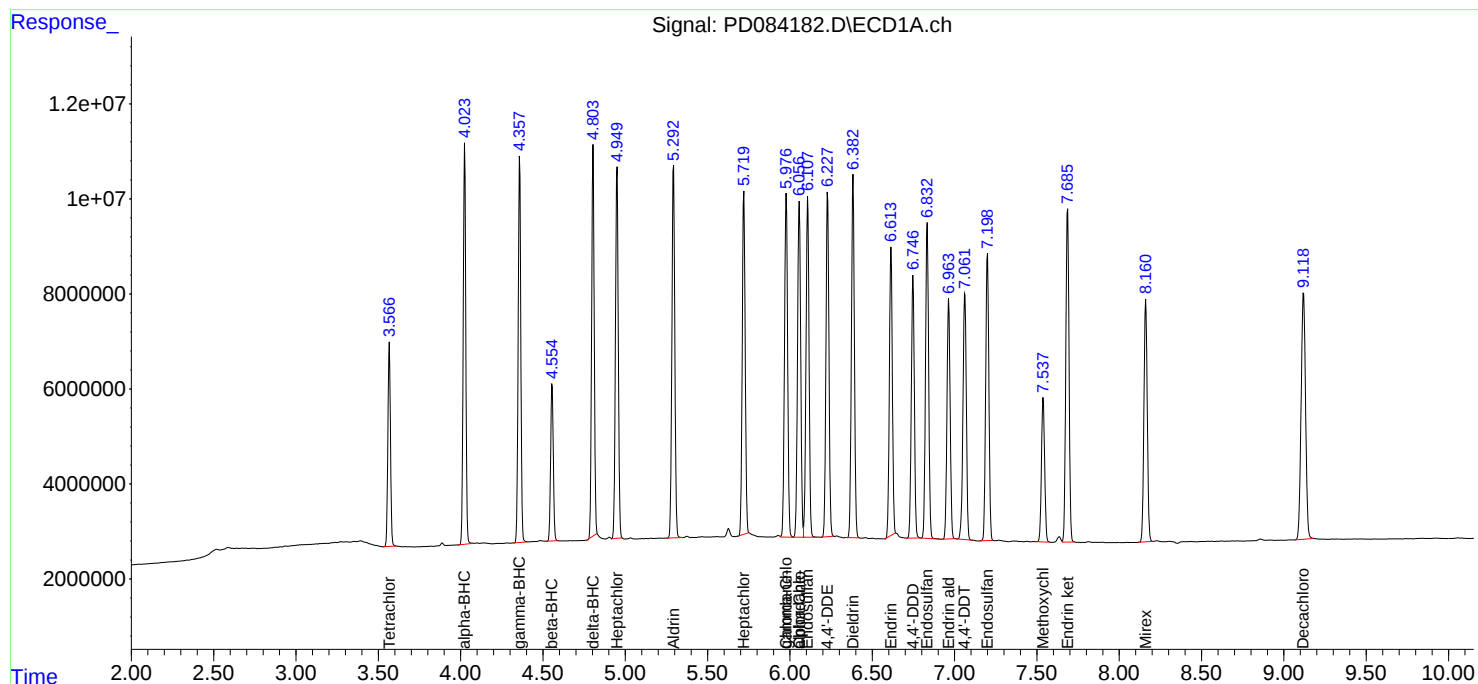
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

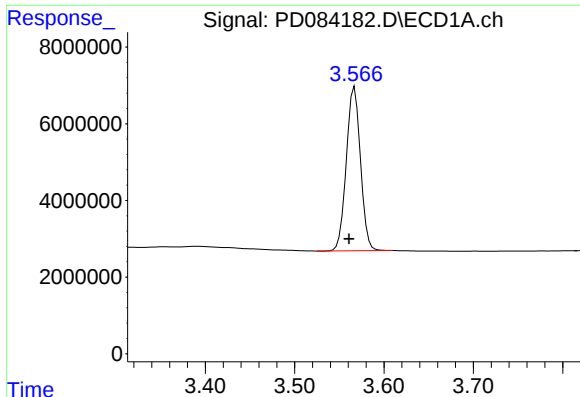
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080224\  
Data File : PD084182.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2024 09:57  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 02 23:48:17 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071524.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 16 04:22:06 2024  
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

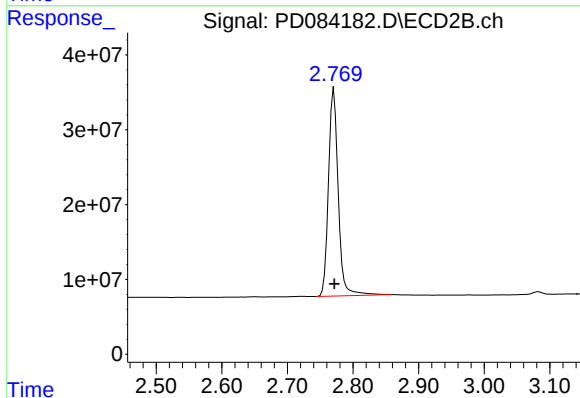




#1 Tetrachloro-m-xylene

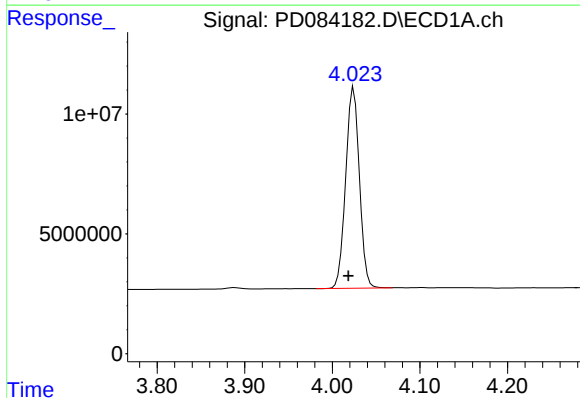
R.T.: 3.567 min  
Delta R.T.: 0.006 min  
Response: 47127210  
Conc: 46.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



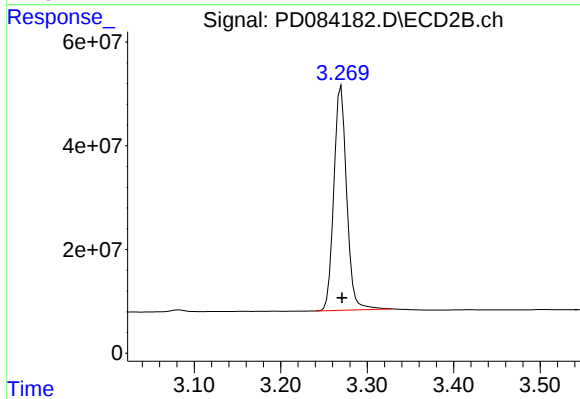
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: 0.000 min  
Response: 287340985  
Conc: 49.98 ng/ml



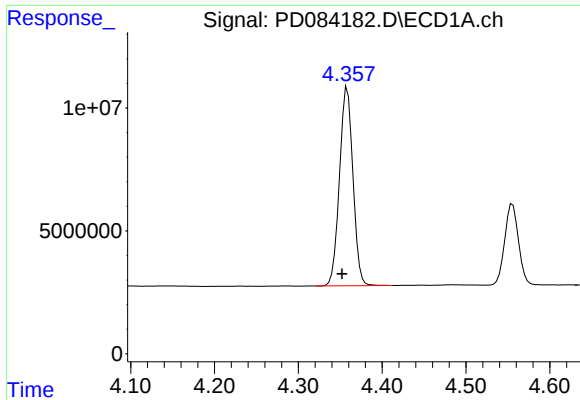
#2 alpha-BHC

R.T.: 4.024 min  
Delta R.T.: 0.006 min  
Response: 91256519  
Conc: 46.46 ng/ml



#2 alpha-BHC

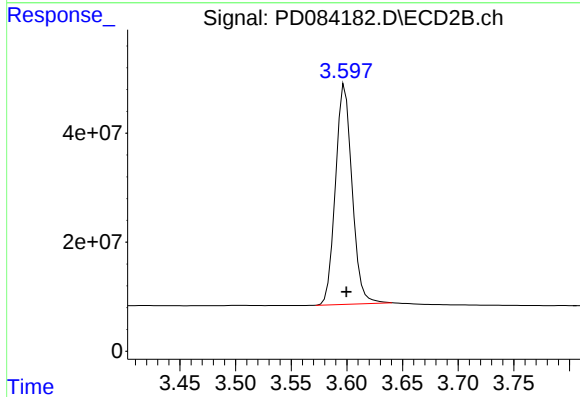
R.T.: 3.270 min  
Delta R.T.: -0.001 min  
Response: 445302020  
Conc: 50.23 ng/ml



#3 gamma-BHC (Lindane)

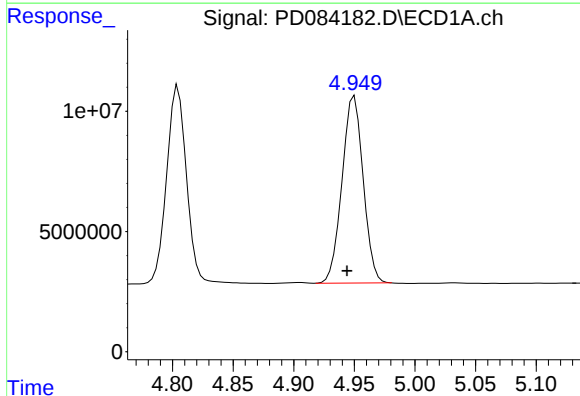
R.T.: 4.358 min  
Delta R.T.: 0.006 min  
Response: 90159755  
Conc: 46.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



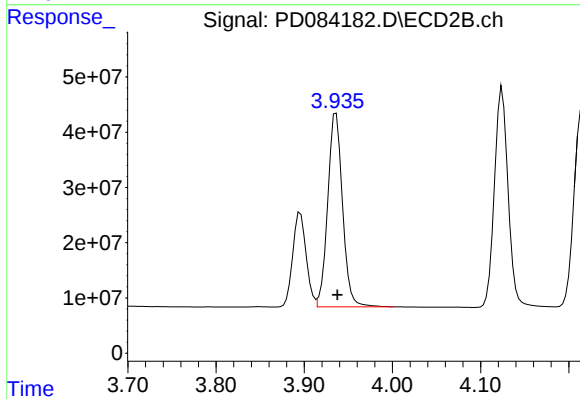
#3 gamma-BHC (Lindane)

R.T.: 3.598 min  
Delta R.T.: -0.001 min  
Response: 419958377  
Conc: 52.52 ng/ml



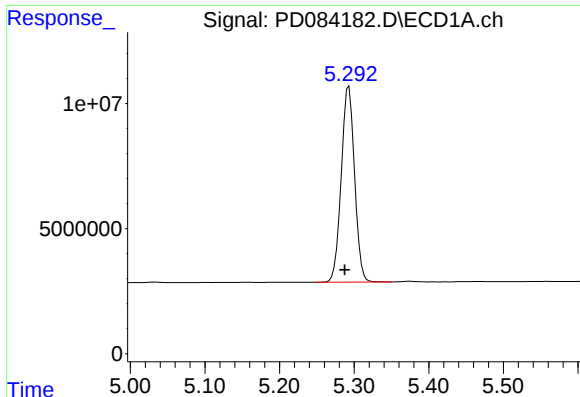
#4 Heptachlor

R.T.: 4.950 min  
Delta R.T.: 0.006 min  
Response: 94479696  
Conc: 47.50 ng/ml



#4 Heptachlor

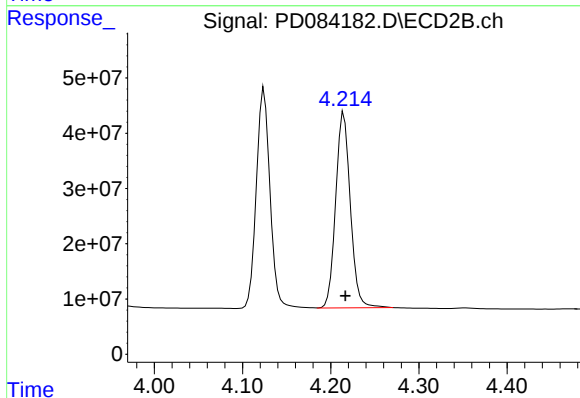
R.T.: 3.936 min  
Delta R.T.: -0.002 min  
Response: 409603879  
Conc: 50.42 ng/ml



#5 Aldrin

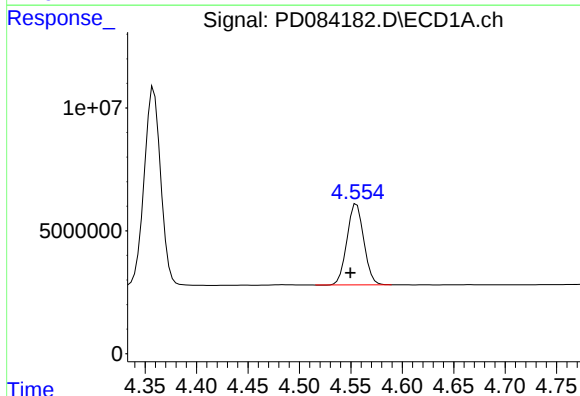
R.T.: 5.293 min  
Delta R.T.: 0.006 min  
Response: 96798169  
Conc: 47.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



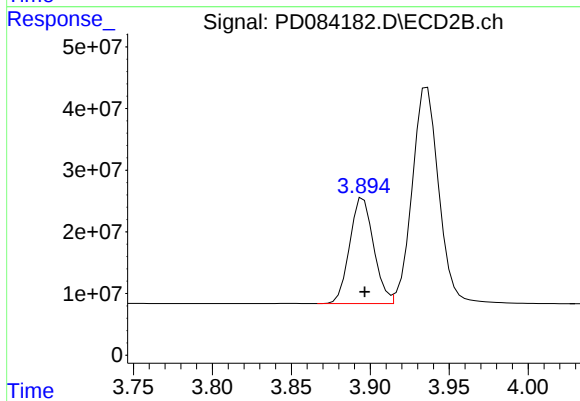
#5 Aldrin

R.T.: 4.215 min  
Delta R.T.: -0.002 min  
Response: 408937418  
Conc: 50.93 ng/ml



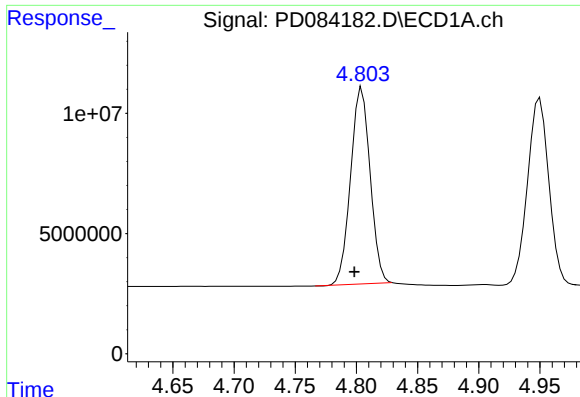
#6 beta-BHC

R.T.: 4.556 min  
Delta R.T.: 0.006 min  
Response: 37585049  
Conc: 47.38 ng/ml



#6 beta-BHC

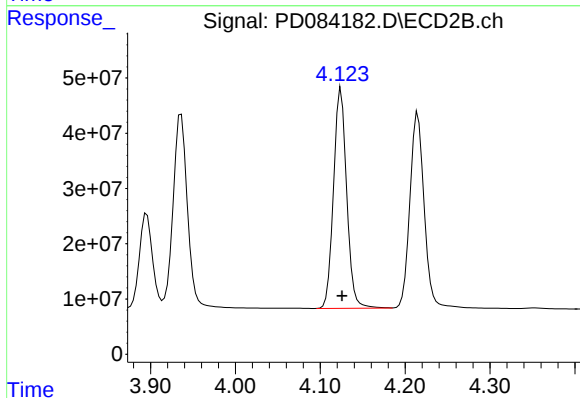
R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 181273856  
Conc: 51.52 ng/ml



#7 delta-BHC

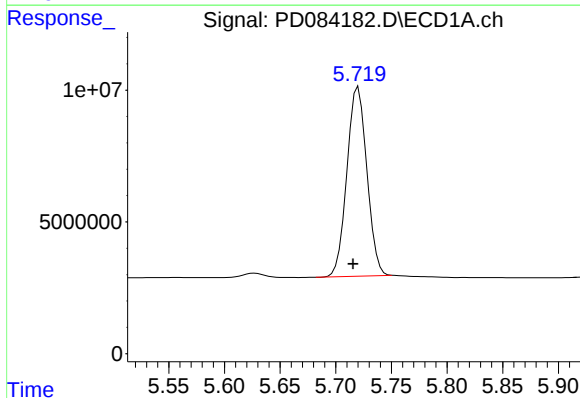
R.T.: 4.805 min  
Delta R.T.: 0.006 min  
Response: 90880425  
Conc: 49.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



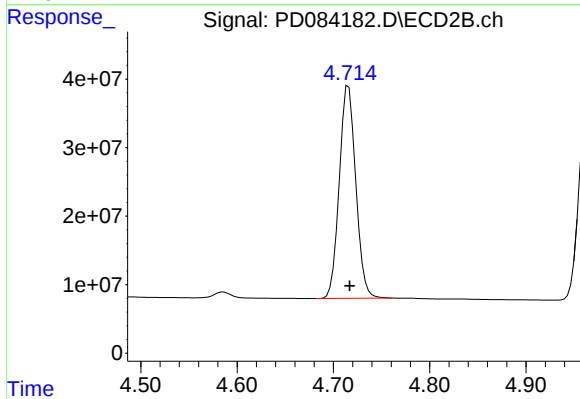
#7 delta-BHC

R.T.: 4.124 min  
Delta R.T.: -0.001 min  
Response: 429592171  
Conc: 51.63 ng/ml



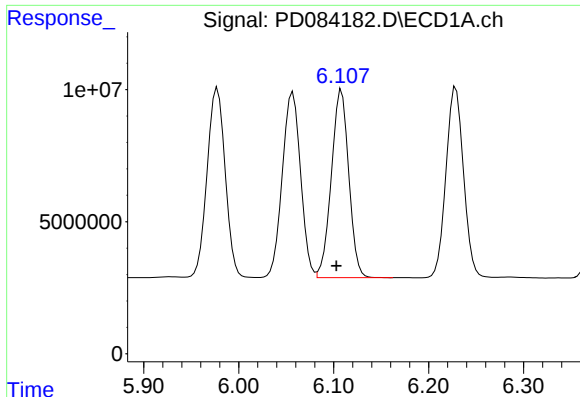
#8 Heptachlor epoxide

R.T.: 5.720 min  
Delta R.T.: 0.005 min  
Response: 89812553  
Conc: 50.38 ng/ml



#8 Heptachlor epoxide

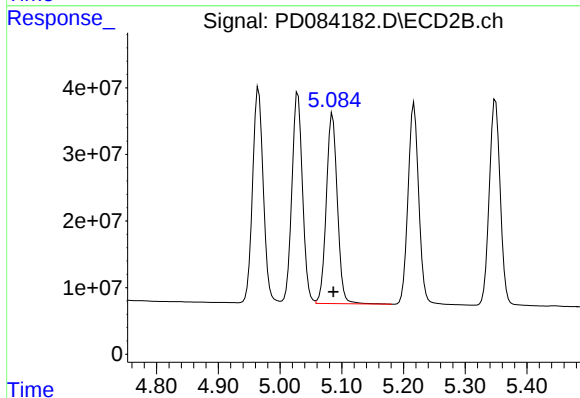
R.T.: 4.716 min  
Delta R.T.: -0.001 min  
Response: 368288848  
Conc: 51.25 ng/ml



#9 Endosulfan I

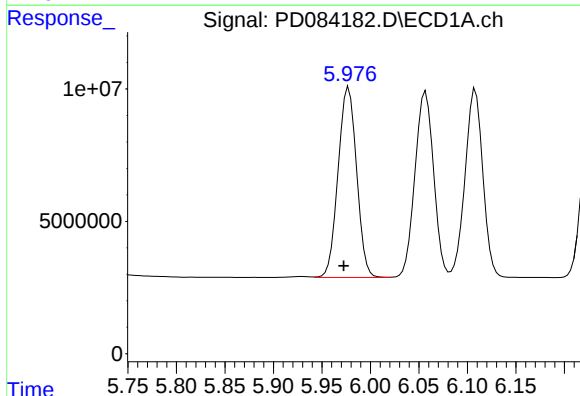
R.T.: 6.108 min  
Delta R.T.: 0.005 min  
Response: 90897708  
Conc: 47.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



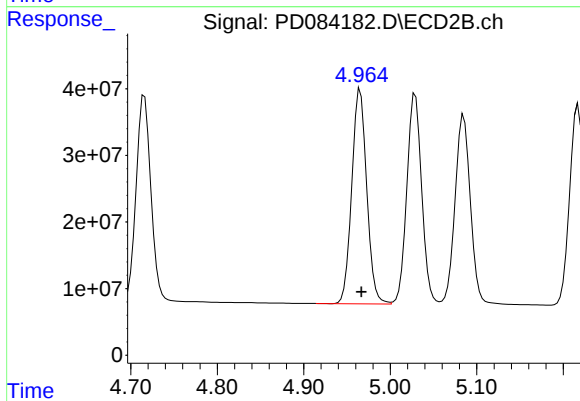
#9 Endosulfan I

R.T.: 5.085 min  
Delta R.T.: -0.002 min  
Response: 353916189  
Conc: 51.32 ng/ml



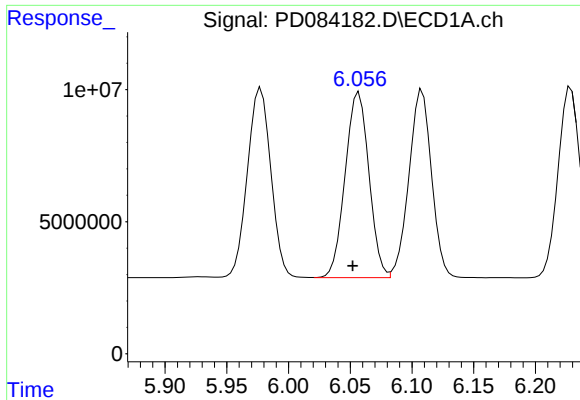
#10 gamma-Chlordane

R.T.: 5.978 min  
Delta R.T.: 0.005 min  
Response: 95372265  
Conc: 47.70 ng/ml



#10 gamma-Chlordane

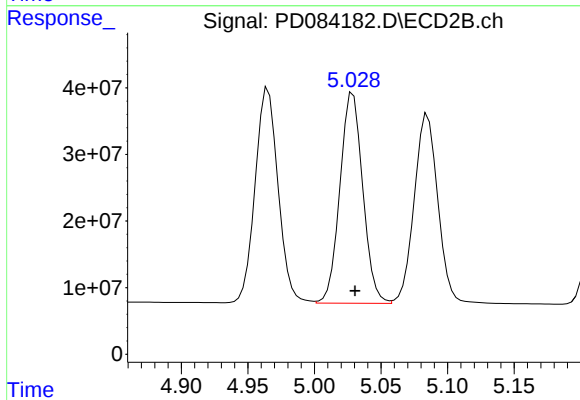
R.T.: 4.965 min  
Delta R.T.: -0.002 min  
Response: 387095217  
Conc: 51.06 ng/ml



#11 alpha-Chlordane

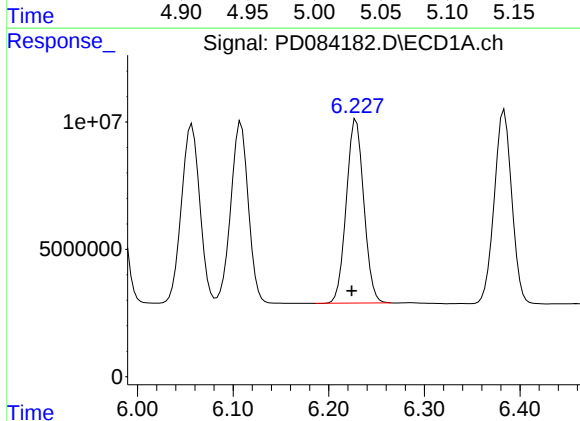
R.T.: 6.057 min  
Delta R.T.: 0.005 min  
Response: 94215632  
Conc: 47.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



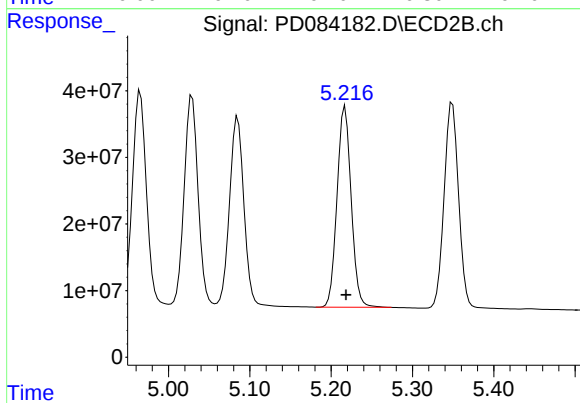
#11 alpha-Chlordane

R.T.: 5.029 min  
Delta R.T.: -0.001 min  
Response: 378256942  
Conc: 50.65 ng/ml



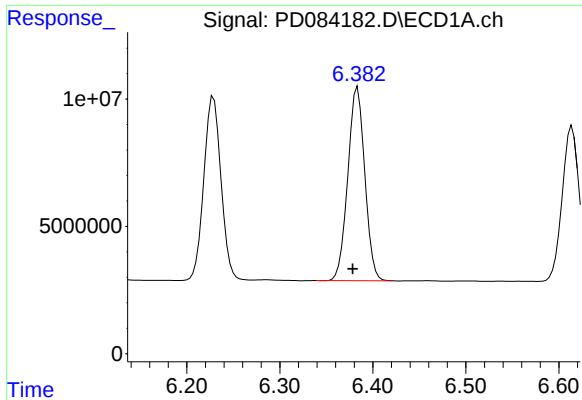
#12 4,4'-DDE

R.T.: 6.229 min  
Delta R.T.: 0.005 min  
Response: 92380306  
Conc: 46.34 ng/ml



#12 4,4'-DDE

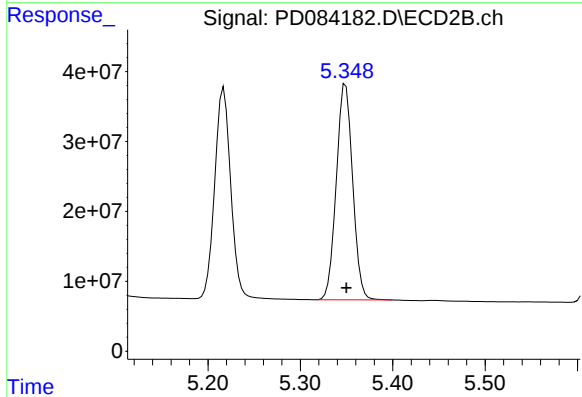
R.T.: 5.217 min  
Delta R.T.: -0.001 min  
Response: 363464627  
Conc: 51.01 ng/ml



#13 Dieldrin

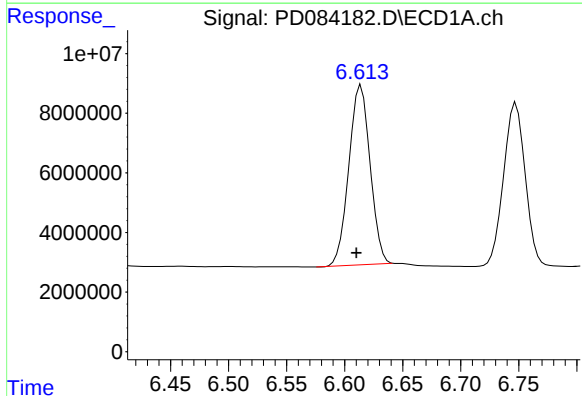
R.T.: 6.384 min  
Delta R.T.: 0.005 min  
Response: 96388560  
Conc: 46.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



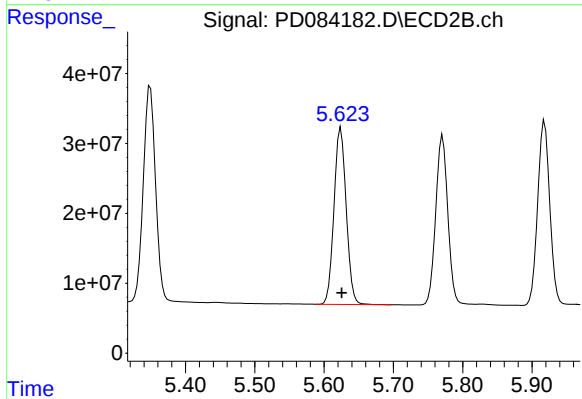
#13 Dieldrin

R.T.: 5.349 min  
Delta R.T.: 0.000 min  
Response: 379922265  
Conc: 50.60 ng/ml



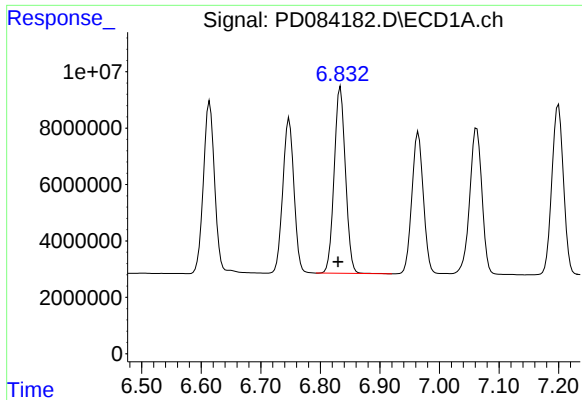
#14 Endrin

R.T.: 6.614 min  
Delta R.T.: 0.004 min  
Response: 76852877  
Conc: 43.06 ng/ml



#14 Endrin

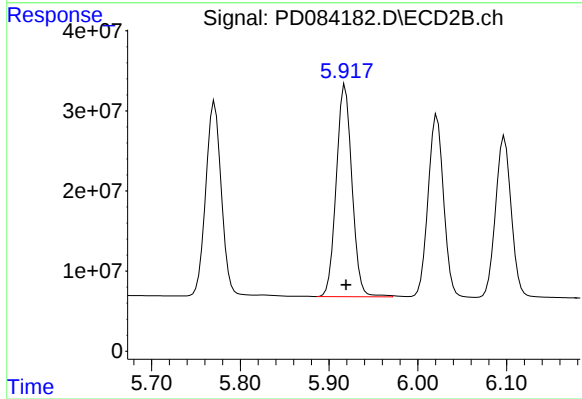
R.T.: 5.624 min  
Delta R.T.: -0.001 min  
Response: 309305827  
Conc: 46.77 ng/ml



#15 Endosulfan II

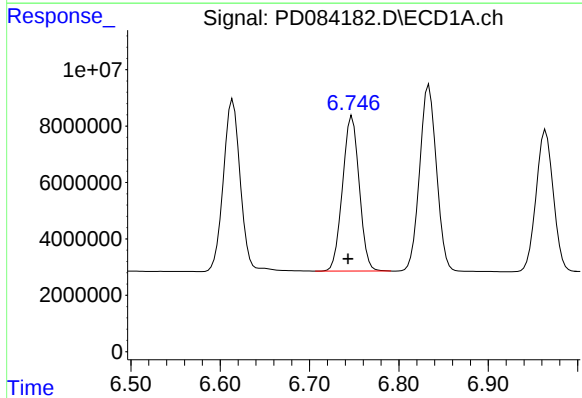
R.T.: 6.834 min  
Delta R.T.: 0.004 min  
Response: 86864133  
Conc: 45.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



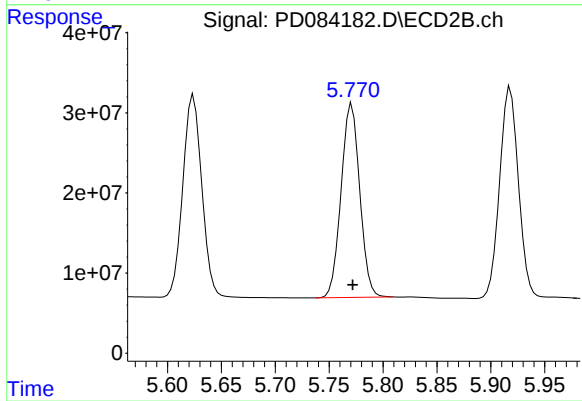
#15 Endosulfan II

R.T.: 5.918 min  
Delta R.T.: 0.000 min  
Response: 324851288  
Conc: 50.84 ng/ml



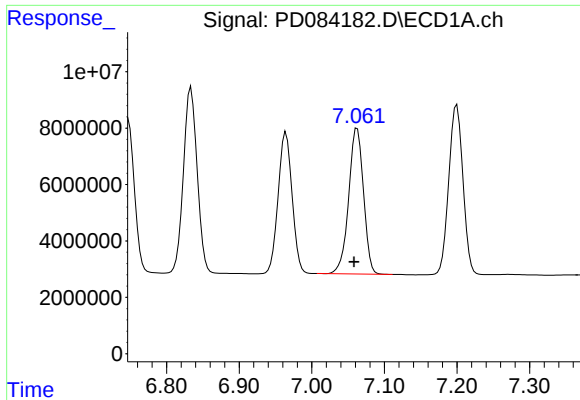
#16 4,4'-DDD

R.T.: 6.748 min  
Delta R.T.: 0.005 min  
Response: 71342844  
Conc: 47.09 ng/ml



#16 4,4'-DDD

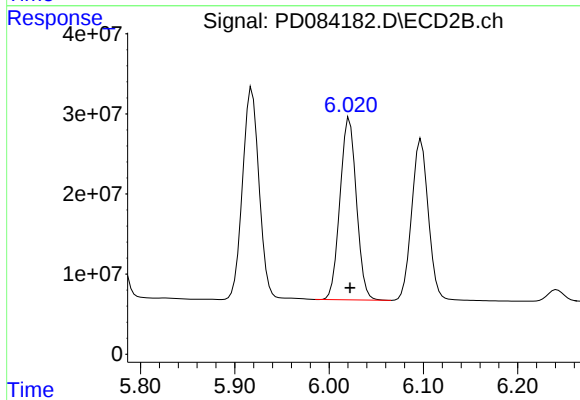
R.T.: 5.771 min  
Delta R.T.: 0.000 min  
Response: 291798081  
Conc: 52.68 ng/ml



#17 4,4'-DDT

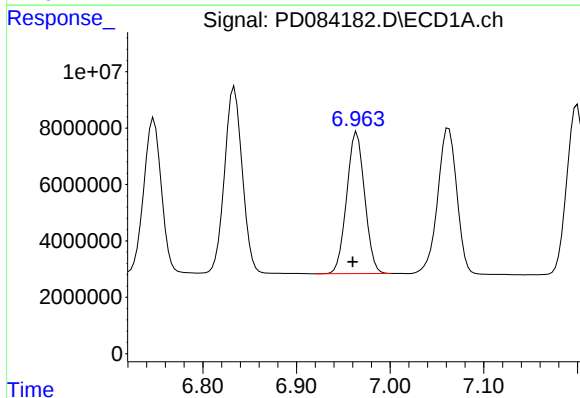
R.T.: 7.063 min  
Delta R.T.: 0.004 min  
Response: 73396303  
Conc: 42.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



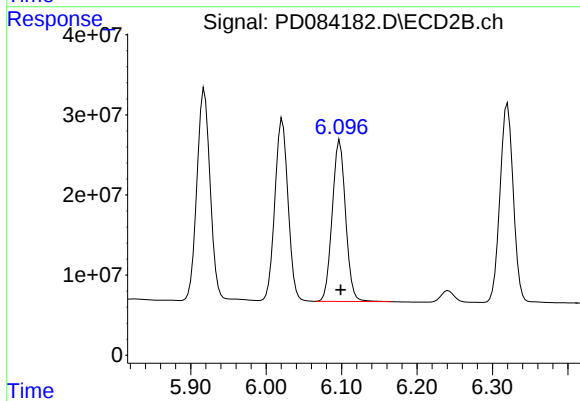
#17 4,4'-DDT

R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 275625804  
Conc: 48.05 ng/ml



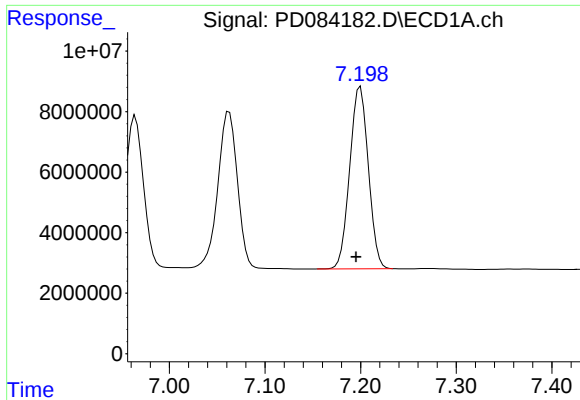
#18 Endrin aldehyde

R.T.: 6.965 min  
Delta R.T.: 0.005 min  
Response: 66902120  
Conc: 45.55 ng/ml



#18 Endrin aldehyde

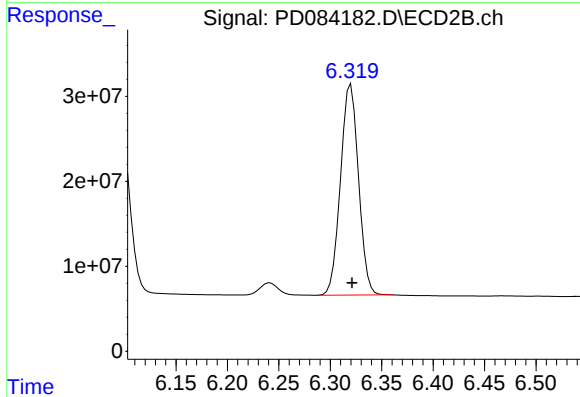
R.T.: 6.098 min  
Delta R.T.: -0.001 min  
Response: 247957608  
Conc: 49.41 ng/ml



#19 Endosulfan Sulfate

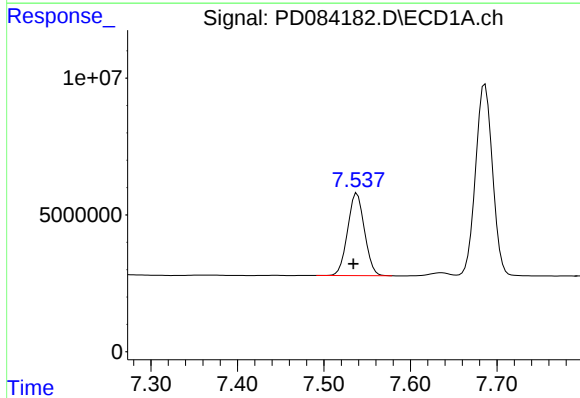
R.T.: 7.200 min  
Delta R.T.: 0.005 min  
Response: 81649246  
Conc: 44.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



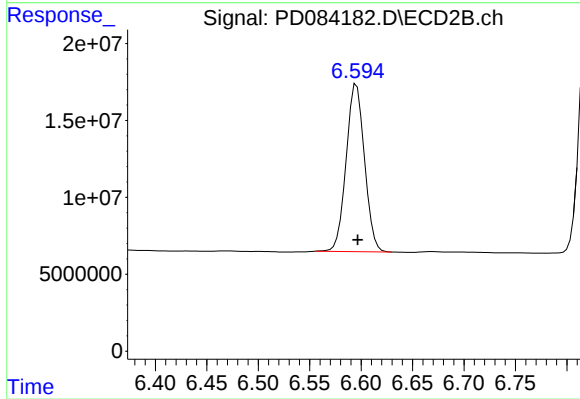
#19 Endosulfan Sulfate

R.T.: 6.320 min  
Delta R.T.: -0.001 min  
Response: 302334179  
Conc: 49.40 ng/ml



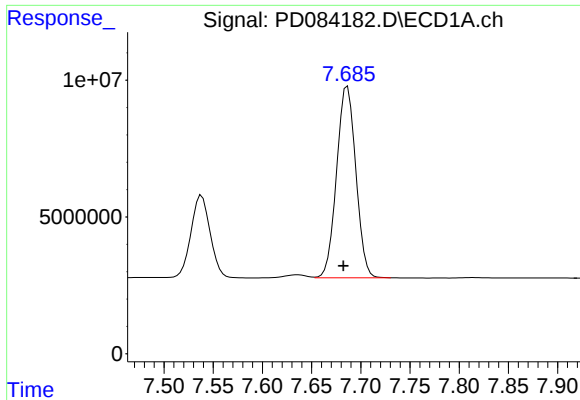
#20 Methoxychlor

R.T.: 7.538 min  
Delta R.T.: 0.004 min  
Response: 40704547  
Conc: 41.31 ng/ml



#20 Methoxychlor

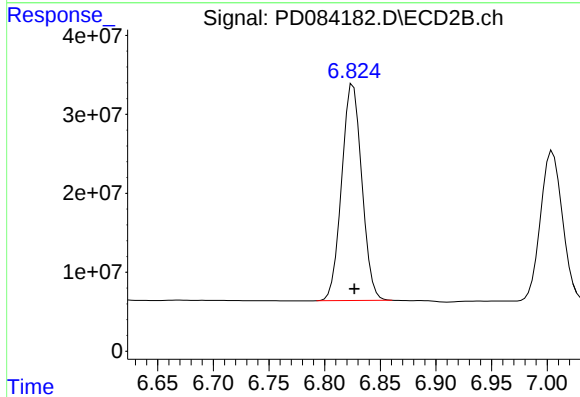
R.T.: 6.596 min  
Delta R.T.: -0.001 min  
Response: 135147746  
Conc: 45.82 ng/ml



#21 Endrin ketone

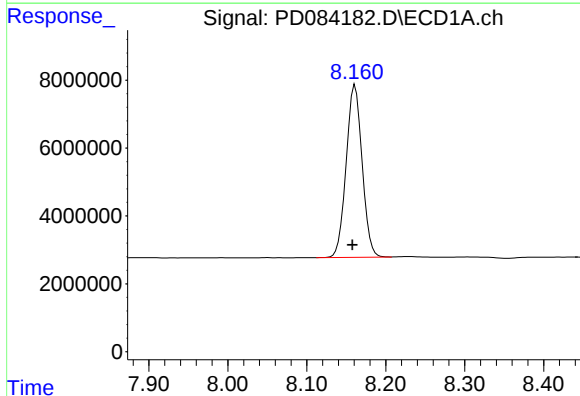
R.T.: 7.686 min  
Delta R.T.: 0.004 min  
Response: 95272285  
Conc: 46.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



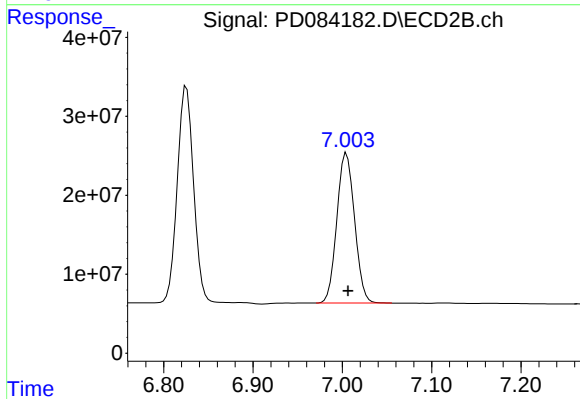
#21 Endrin ketone

R.T.: 6.826 min  
Delta R.T.: -0.001 min  
Response: 346121903  
Conc: 51.12 ng/ml



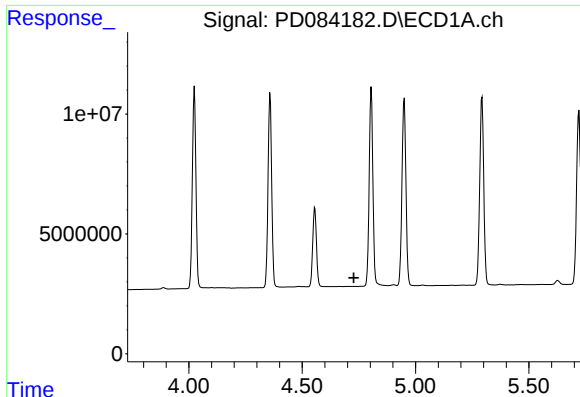
#22 Mirex

R.T.: 8.161 min  
Delta R.T.: 0.004 min  
Response: 71363665  
Conc: 43.82 ng/ml



#22 Mirex

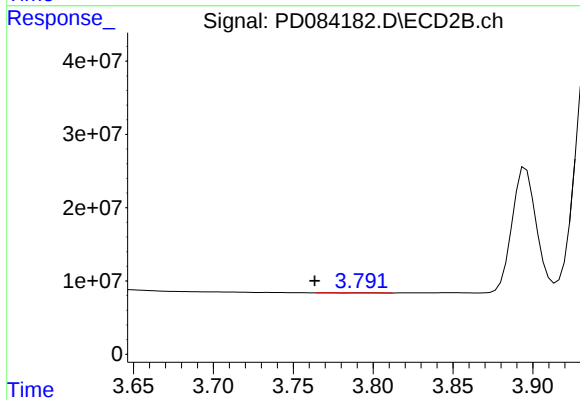
R.T.: 7.005 min  
Delta R.T.: -0.002 min  
Response: 261582414  
Conc: 48.27 ng/ml



#23 Chlordane-1

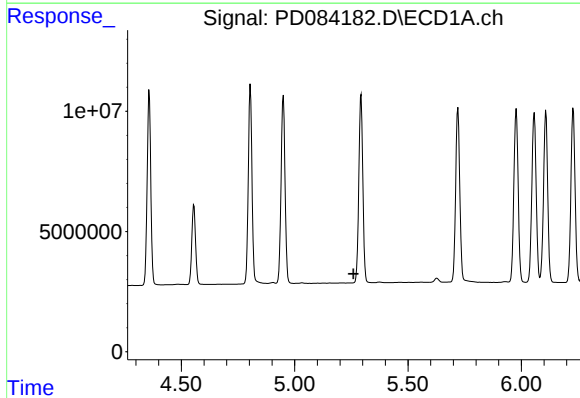
R.T.: 0.000 min  
Exp R.T.: 4.728 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



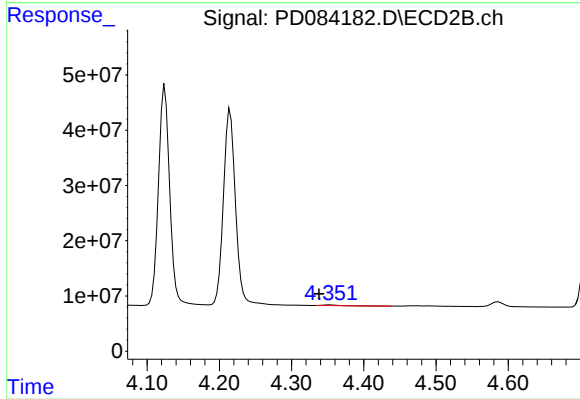
#23 Chlordane-1

R.T.: 3.793 min  
Delta R.T.: 0.029 min  
Response: 9209  
Conc: 0.04 ng/ml



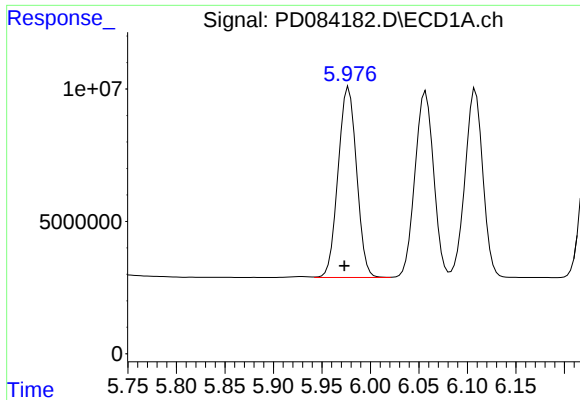
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.260 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

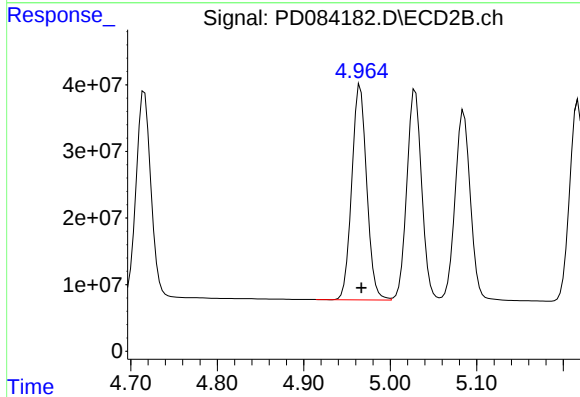
R.T.: 4.353 min  
Delta R.T.: 0.014 min  
Response: 1473828  
Conc: 5.25 ng/ml



#25 Chlordane-3

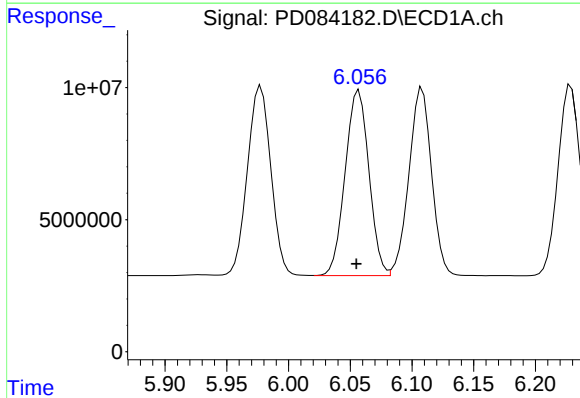
R.T.: 5.978 min  
Delta R.T.: 0.005 min  
Response: 95372265  
Conc: 313.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



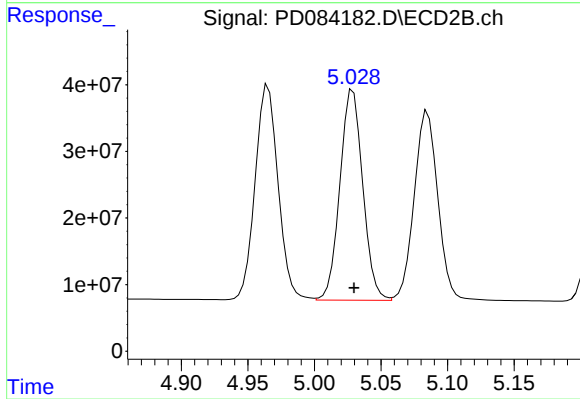
#25 Chlordane-3

R.T.: 4.965 min  
Delta R.T.: -0.001 min  
Response: 387095217  
Conc: 497.65 ng/ml



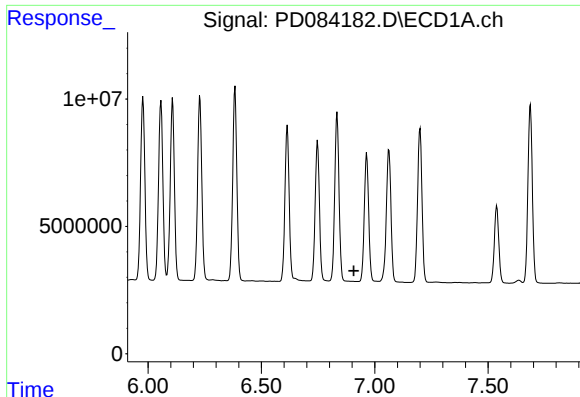
#26 Chlordane-4

R.T.: 6.057 min  
Delta R.T.: 0.002 min  
Response: 94215632  
Conc: 256.24 ng/ml



#26 Chlordane-4

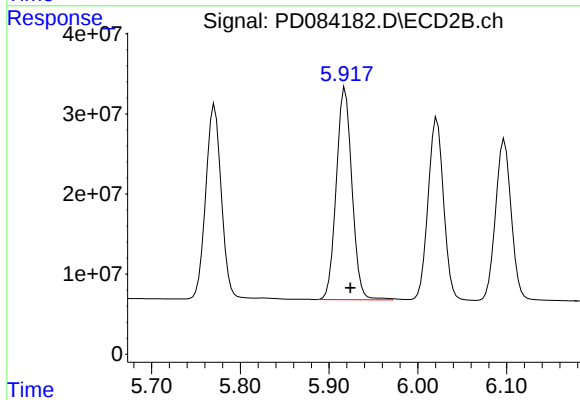
R.T.: 5.029 min  
Delta R.T.: 0.000 min  
Response: 378256942  
Conc: 493.50 ng/ml



#27 Chlordane-5

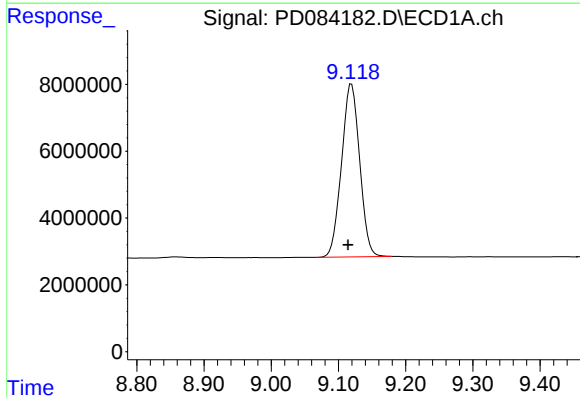
R.T.: 0.000 min  
Exp R.T.: 6.908 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



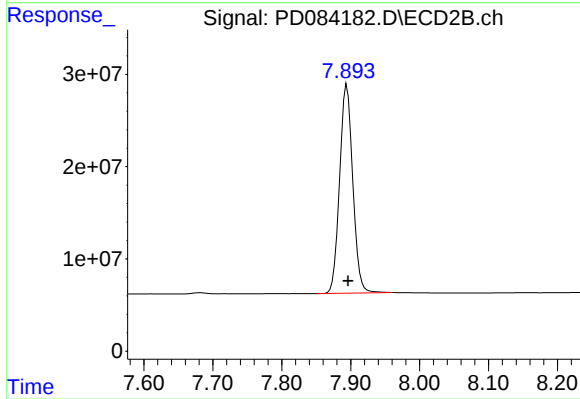
#27 Chlordane-5

R.T.: 5.918 min  
Delta R.T.: -0.006 min  
Response: 324851288  
Conc: 1175.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.119 min  
Delta R.T.: 0.005 min  
Response: 96923562  
Conc: 42.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.895 min  
Delta R.T.: -0.001 min  
Response: 300505109  
Conc: 46.79 ng/ml