

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD013124\  
 Data File : PD080989.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Jan 2024 16:59  
 Operator : AR\AJ  
 Sample : PB158727BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB158727BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 31 19:13:13 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 11:14:56 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... | 3.571 | 2.795 | 32984321 | 60125101 | 23.236  | 25.134     |
| 28)                         | SA Decachlor... | 9.117 | 7.934 | 41520140 | 59184849 | 20.632  | 22.220     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.028 | 3.297 | 124.2E6  | 201.9E6  | 50.019  | 52.620     |
| 3)                          | MA gamma-BHC... | 4.361 | 3.626 | 117.3E6  | 188.2E6  | 47.926  | 50.346     |
| 4)                          | MA Heptachlor   | 4.954 | 3.967 | 122.8E6  | 178.6E6  | 49.786  | 51.793     |
| 5)                          | MB Aldrin       | 5.297 | 4.248 | 118.6E6  | 180.4E6  | 48.326  | 49.525     |
| 6)                          | B beta-BHC      | 4.555 | 3.922 | 48800549 | 77537382 | 48.229  | 49.621     |
| 7)                          | B delta-BHC     | 4.805 | 4.152 | 121.0E6  | 191.2E6  | 48.215  | 50.940     |
| 8)                          | B Heptachlo...  | 5.723 | 4.749 | 110.6E6  | 163.6E6  | 49.408  | 48.840     |
| 9)                          | A Endosulfan I  | 6.110 | 5.120 | 102.8E6  | 155.0E6  | 49.557  | 50.601     |
| 10)                         | B gamma-Chl...  | 5.979 | 4.999 | 109.4E6  | 165.9E6  | 49.984  | 50.731     |
| 11)                         | B alpha-Chl...  | 6.059 | 5.064 | 107.3E6  | 162.7E6  | 49.282  | 49.765     |
| 12)                         | B 4,4'-DDE      | 6.230 | 5.252 | 100.1E6  | 158.4E6  | 49.194  | 51.724     |
| 13)                         | MA Dieldrin     | 6.386 | 5.383 | 106.5E6  | 167.6E6  | 48.177  | 49.292     |
| 14)                         | MA Endrin       | 6.616 | 5.659 | 82471208 | 139.3E6  | 44.155  | 46.994     |
| 15)                         | B Endosulfa...  | 6.834 | 5.952 | 86963368 | 140.7E6  | 44.909  | 48.934     |
| 16)                         | A 4,4'-DDD      | 6.747 | 5.806 | 81196544 | 138.0E6  | 49.416  | 52.559     |
| 17)                         | MA 4,4'-DDT     | 7.062 | 6.057 | 82191112 | 130.3E6  | 46.152  | 49.119     |
| 18)                         | B Endrin al...  | 6.964 | 6.131 | 69334168 | 111.1E6  | 45.580  | 49.256     |
| 19)                         | B Endosulfa...  | 7.198 | 6.353 | 88549962 | 141.7E6  | 46.636  | 50.795     |
| 20)                         | A Methoxychlor  | 7.536 | 6.631 | 42198198 | 68620644 | 40.998  | 43.840     |
| 21)                         | B Endrin ke...  | 7.684 | 6.860 | 97111840 | 165.8E6  | 46.438  | 51.384     |
| 22)                         | Mirex           | 8.160 | 7.043 | 71094128 | 115.8E6  | 43.104  | 45.963     |
| 24)                         | Chlordane-2     | 0.000 | 4.379 | 0        | 1775439  | N.D.    | 14.485 #   |
| 25)                         | Chlordane-3     | 5.979 | 4.999 | 109.4E6  | 165.9E6  | 346.494 | 494.441 #  |
| 26)                         | Chlordane-4     | 6.059 | 5.064 | 107.3E6  | 162.7E6  | 281.838 | 512.151 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.952 | 0        | 140.7E6  | N.D.    | 1160.751 # |
| -----                       |                 |       |       |          |          |         |            |

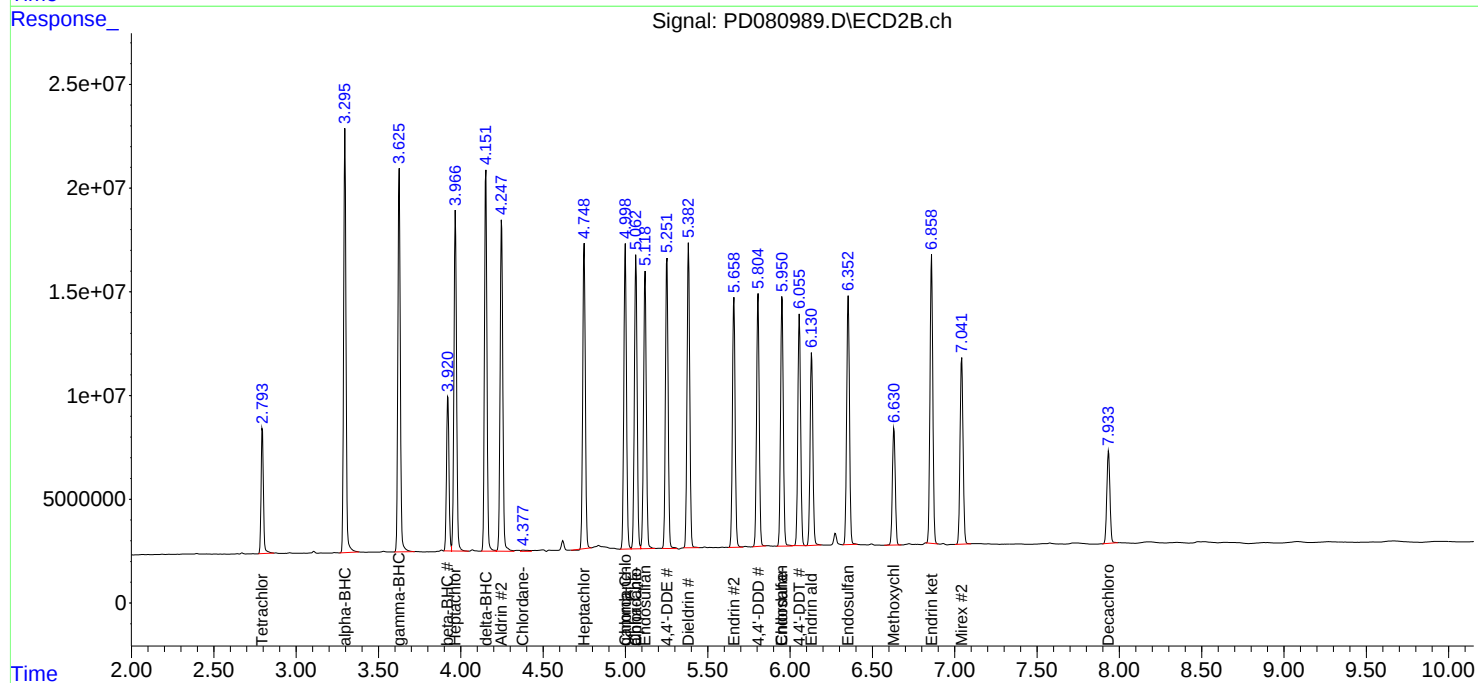
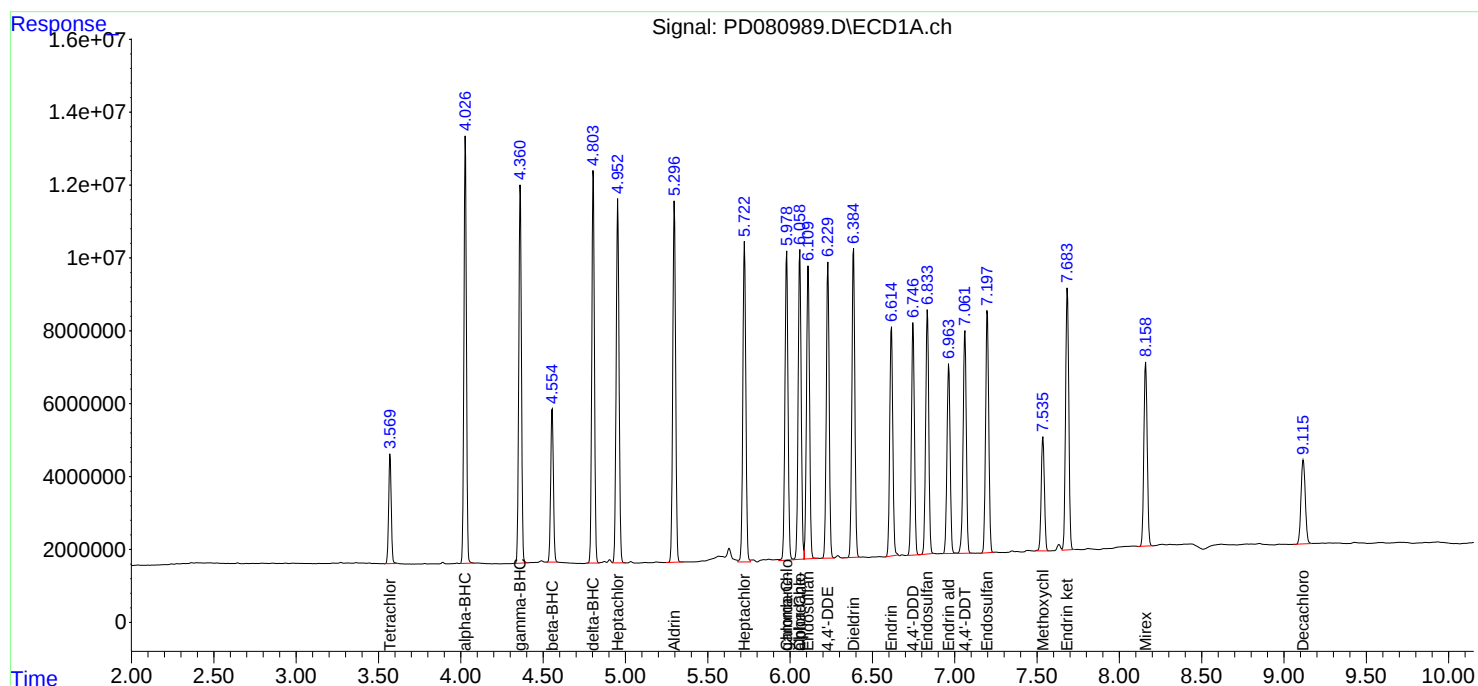
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

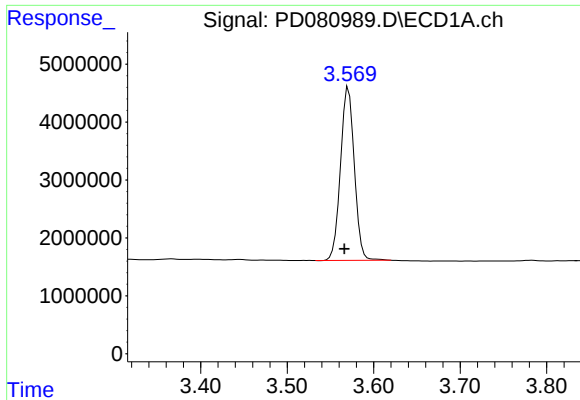
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD013124\  
Data File : PD080989.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Jan 2024 16:59  
Operator : AR\AJ  
Sample : PB158727BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB158727BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 31 19:13:13 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 25 11:14:56 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

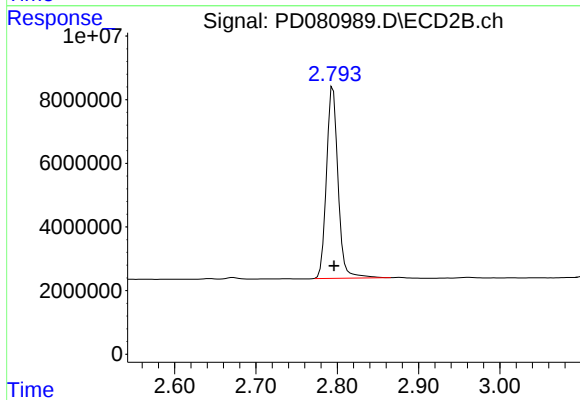




#1 Tetrachloro-m-xylene

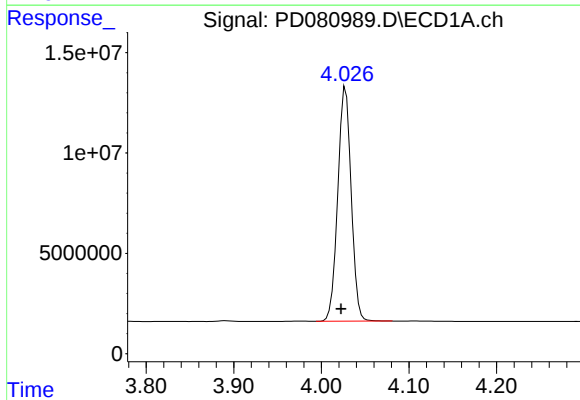
R.T.: 3.571 min  
Delta R.T.: 0.005 min  
Response: 32984321  
Conc: 23.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158727BS



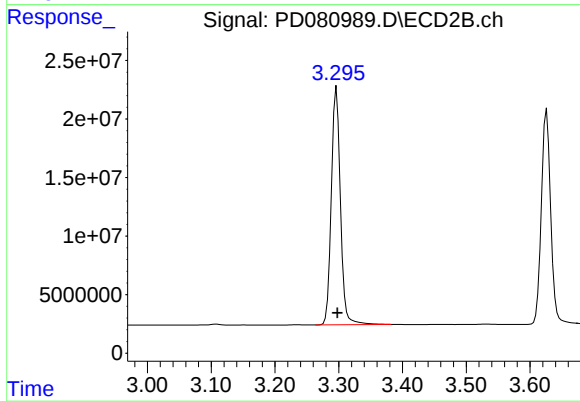
#1 Tetrachloro-m-xylene

R.T.: 2.795 min  
Delta R.T.: -0.001 min  
Response: 60125101  
Conc: 25.13 ng/ml



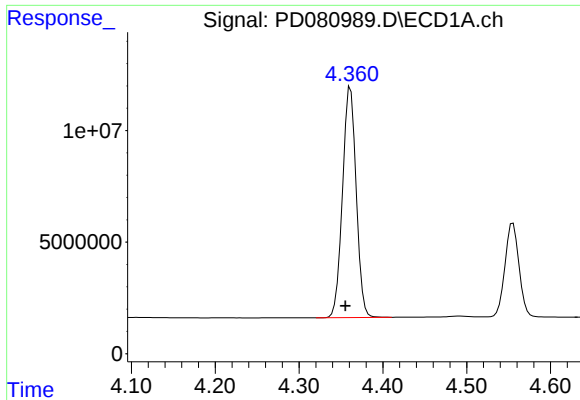
#2 alpha-BHC

R.T.: 4.028 min  
Delta R.T.: 0.005 min  
Response: 124239087  
Conc: 50.02 ng/ml



#2 alpha-BHC

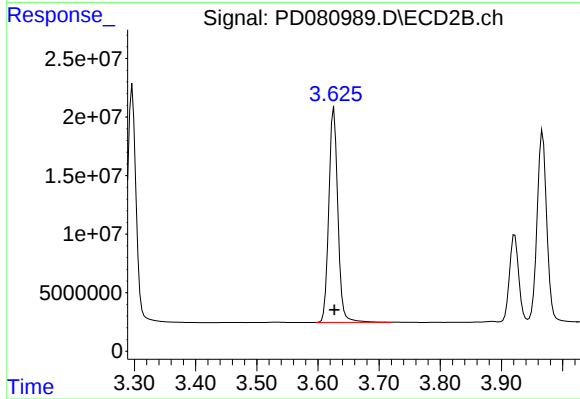
R.T.: 3.297 min  
Delta R.T.: -0.001 min  
Response: 201908327  
Conc: 52.62 ng/ml



#3 gamma-BHC (Lindane)

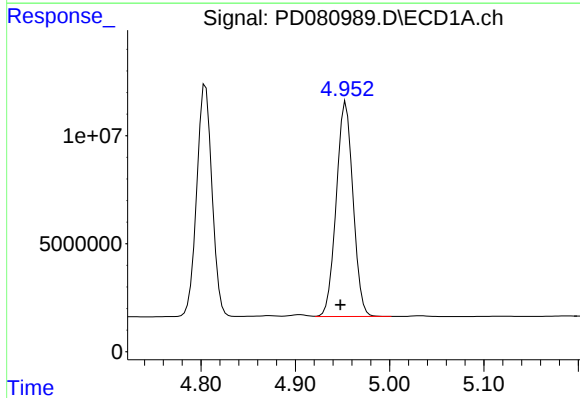
R.T.: 4.361 min  
Delta R.T.: 0.006 min  
Response: 117303845  
Conc: 47.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158727BS



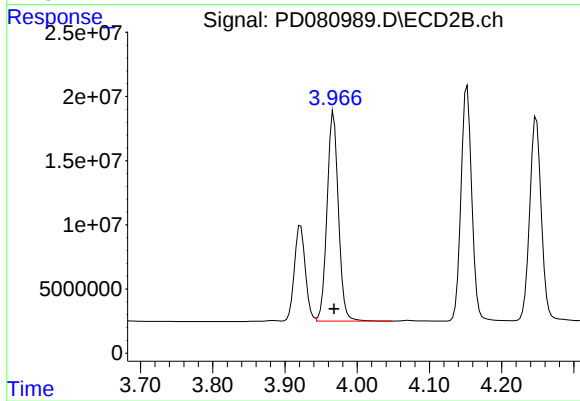
#3 gamma-BHC (Lindane)

R.T.: 3.626 min  
Delta R.T.: 0.000 min  
Response: 188241622  
Conc: 50.35 ng/ml



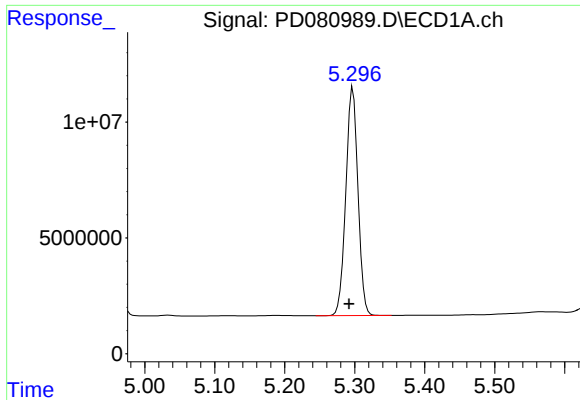
#4 Heptachlor

R.T.: 4.954 min  
Delta R.T.: 0.006 min  
Response: 122790874  
Conc: 49.79 ng/ml



#4 Heptachlor

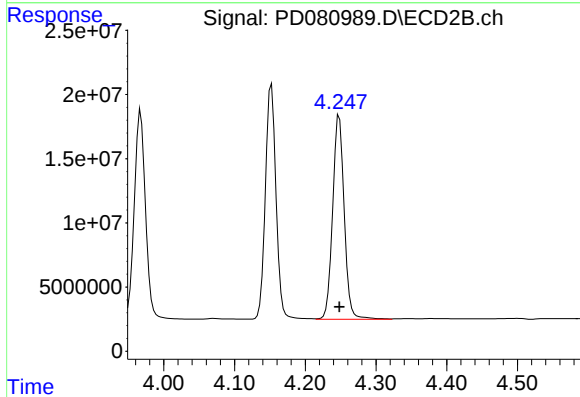
R.T.: 3.967 min  
Delta R.T.: 0.000 min  
Response: 178586518  
Conc: 51.79 ng/ml



#5 Aldrin

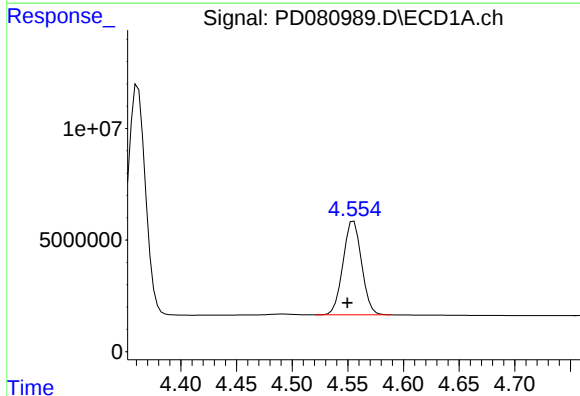
R.T.: 5.297 min  
Delta R.T.: 0.006 min  
Response: 118621589  
Conc: 48.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158727BS



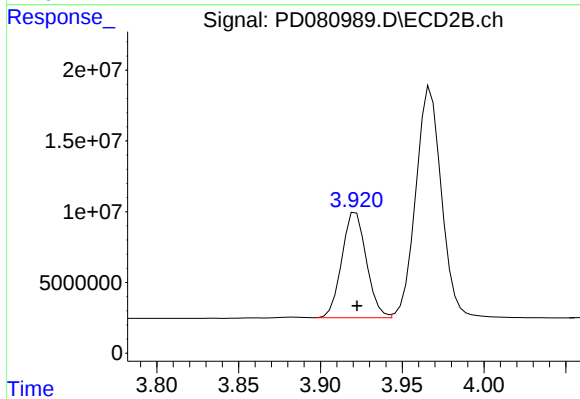
#5 Aldrin

R.T.: 4.248 min  
Delta R.T.: 0.000 min  
Response: 180370905  
Conc: 49.53 ng/ml



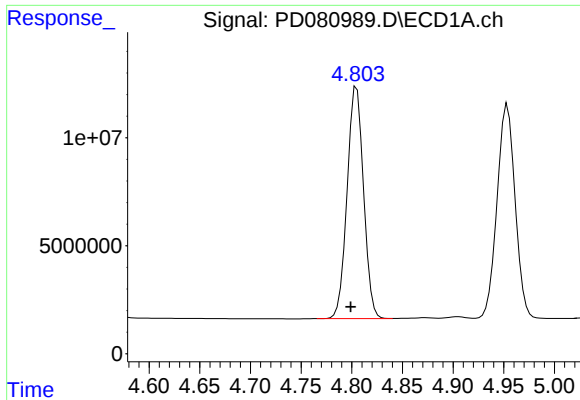
#6 beta-BHC

R.T.: 4.555 min  
Delta R.T.: 0.006 min  
Response: 48800549  
Conc: 48.23 ng/ml



#6 beta-BHC

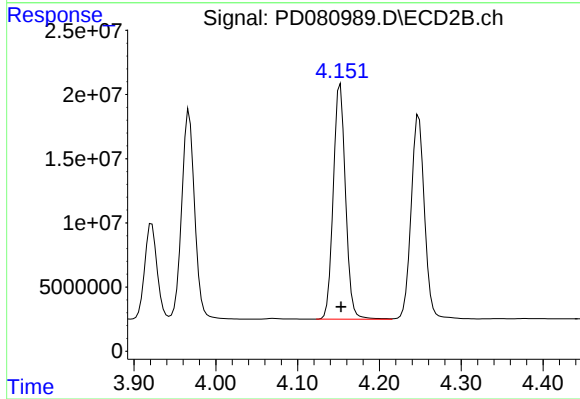
R.T.: 3.922 min  
Delta R.T.: 0.000 min  
Response: 77537382  
Conc: 49.62 ng/ml



#7 delta-BHC

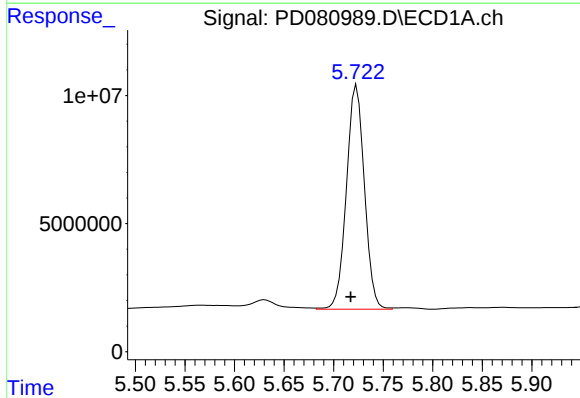
R.T.: 4.805 min  
Delta R.T.: 0.006 min  
Response: 120960479  
Conc: 48.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158727BS



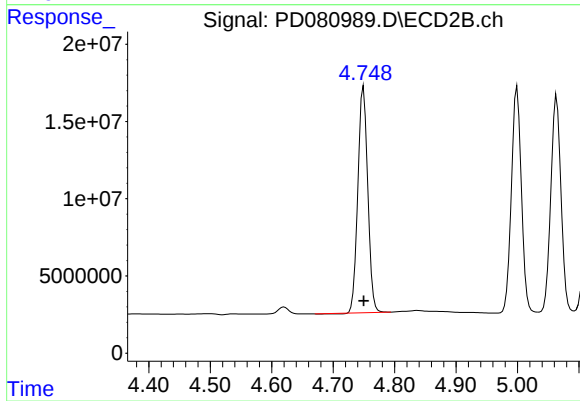
#7 delta-BHC

R.T.: 4.152 min  
Delta R.T.: 0.000 min  
Response: 191179644  
Conc: 50.94 ng/ml



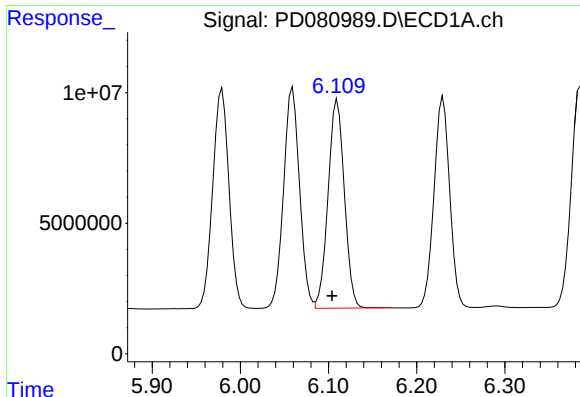
#8 Heptachlor epoxide

R.T.: 5.723 min  
Delta R.T.: 0.006 min  
Response: 110633859  
Conc: 49.41 ng/ml



#8 Heptachlor epoxide

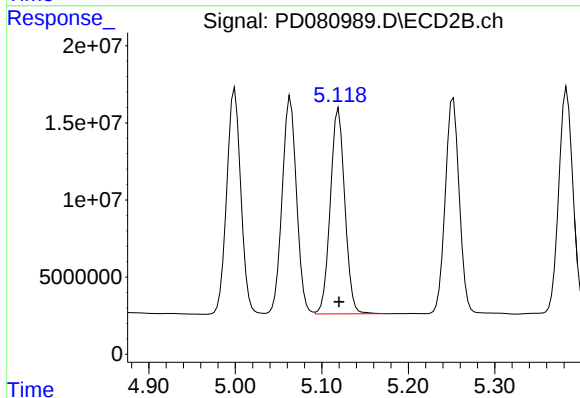
R.T.: 4.749 min  
Delta R.T.: 0.000 min  
Response: 163589944  
Conc: 48.84 ng/ml



#9 Endosulfan I

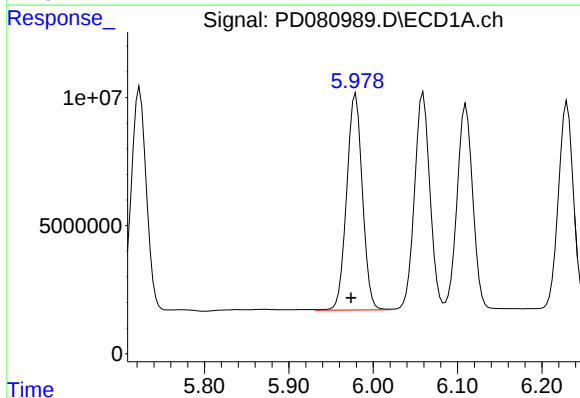
R.T.: 6.110 min  
Delta R.T.: 0.006 min  
Response: 102784052  
Conc: 49.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158727BS



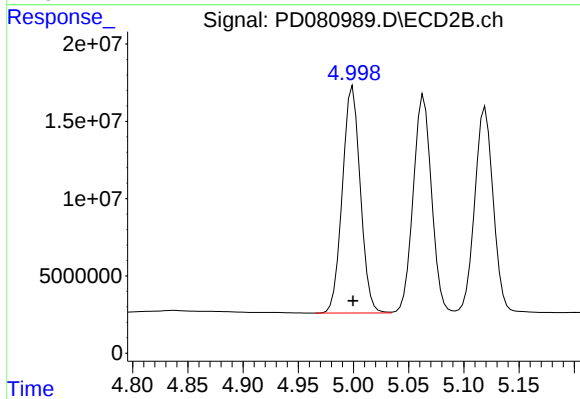
#9 Endosulfan I

R.T.: 5.120 min  
Delta R.T.: 0.000 min  
Response: 154979684  
Conc: 50.60 ng/ml



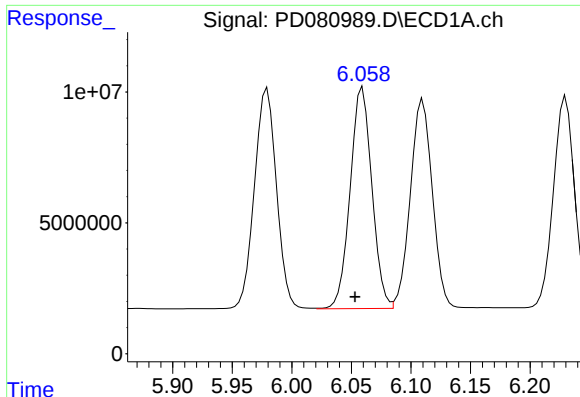
#10 gamma-Chlordane

R.T.: 5.979 min  
Delta R.T.: 0.006 min  
Response: 109420849  
Conc: 49.98 ng/ml



#10 gamma-Chlordane

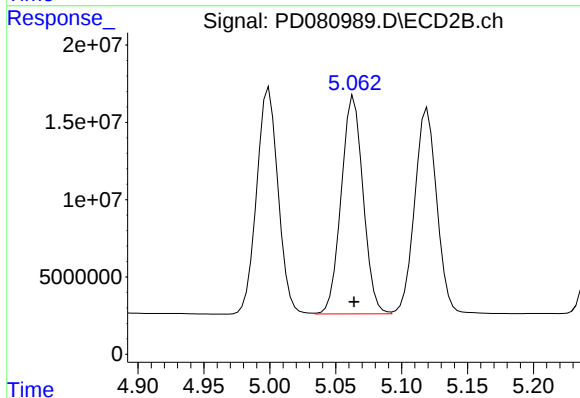
R.T.: 4.999 min  
Delta R.T.: 0.000 min  
Response: 165942229  
Conc: 50.73 ng/ml



#11 alpha-Chlordane

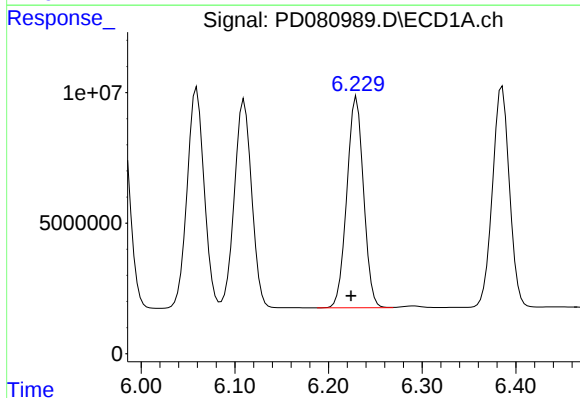
R.T.: 6.059 min  
Delta R.T.: 0.006 min  
Response: 107308509  
Conc: 49.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158727BS



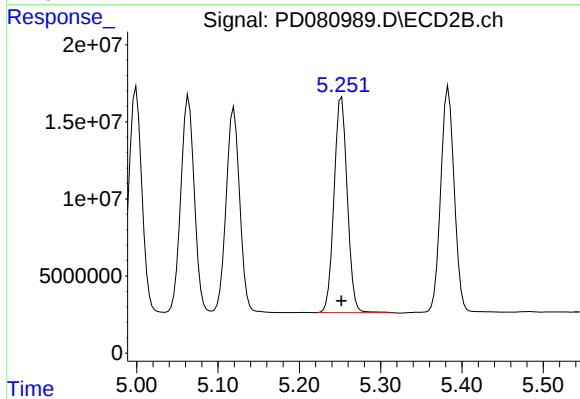
#11 alpha-Chlordane

R.T.: 5.064 min  
Delta R.T.: 0.000 min  
Response: 162707827  
Conc: 49.76 ng/ml



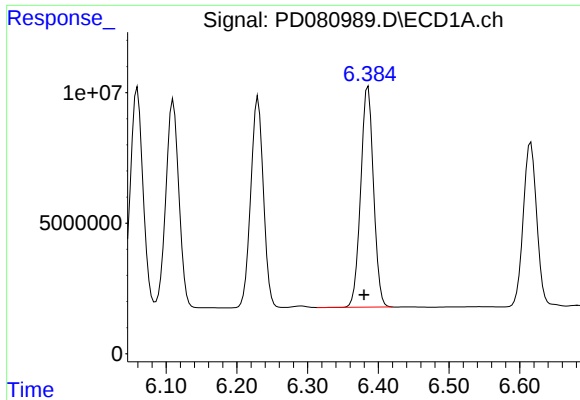
#12 4,4'-DDE

R.T.: 6.230 min  
Delta R.T.: 0.006 min  
Response: 100103787  
Conc: 49.19 ng/ml



#12 4,4'-DDE

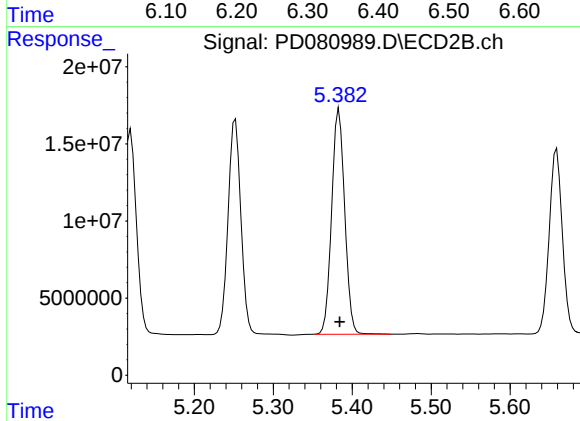
R.T.: 5.252 min  
Delta R.T.: 0.000 min  
Response: 158445101  
Conc: 51.72 ng/ml



#13 Dieldrin

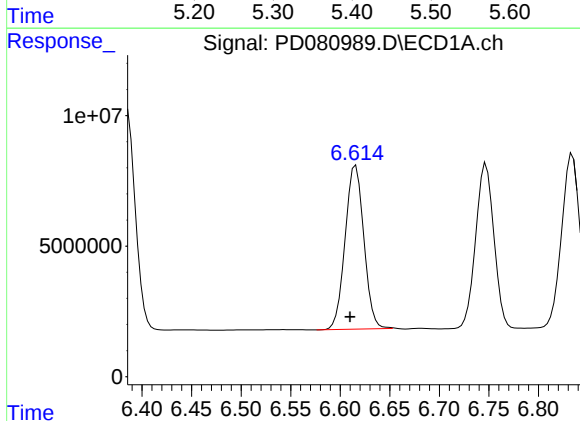
R.T.: 6.386 min  
Delta R.T.: 0.006 min  
Response: 106456164  
Conc: 48.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158727BS



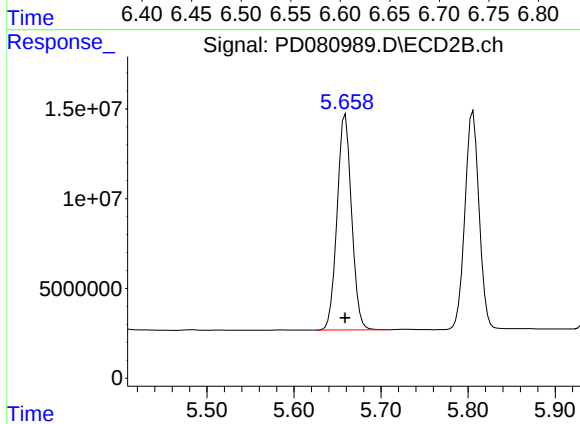
#13 Dieldrin

R.T.: 5.383 min  
Delta R.T.: 0.000 min  
Response: 167630602  
Conc: 49.29 ng/ml



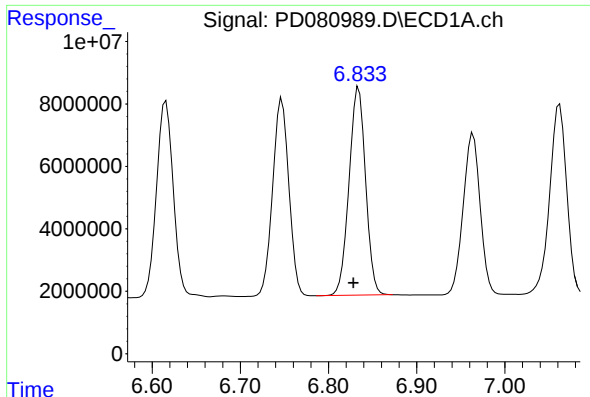
#14 Endrin

R.T.: 6.616 min  
Delta R.T.: 0.006 min  
Response: 82471208  
Conc: 44.16 ng/ml



#14 Endrin

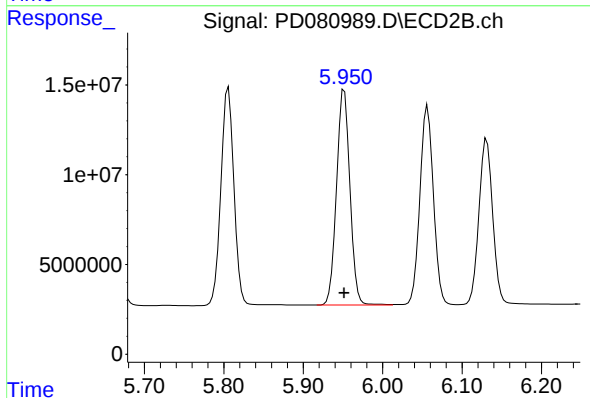
R.T.: 5.659 min  
Delta R.T.: 0.000 min  
Response: 139261214  
Conc: 46.99 ng/ml



#15 Endosulfan II

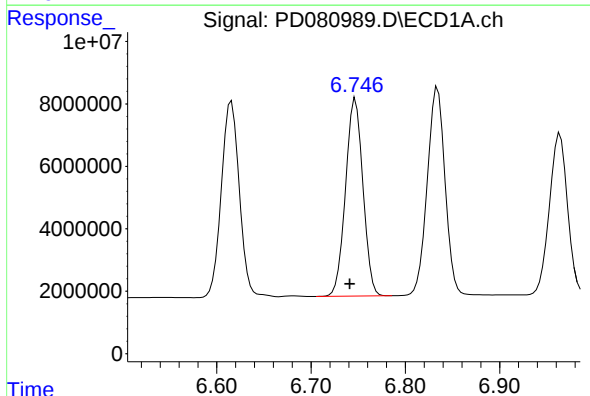
R.T.: 6.834 min  
Delta R.T.: 0.006 min  
Response: 86963368  
Conc: 44.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158727BS



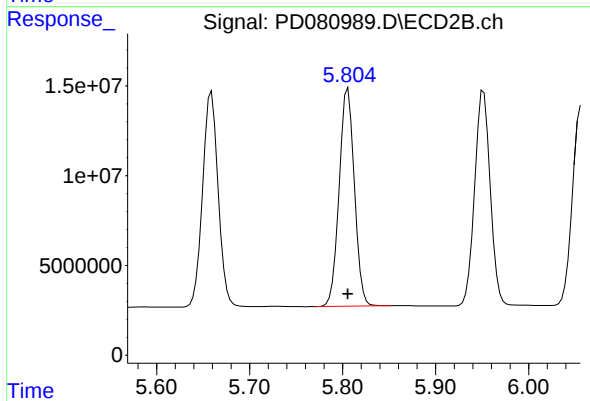
#15 Endosulfan II

R.T.: 5.952 min  
Delta R.T.: 0.000 min  
Response: 140731146  
Conc: 48.93 ng/ml



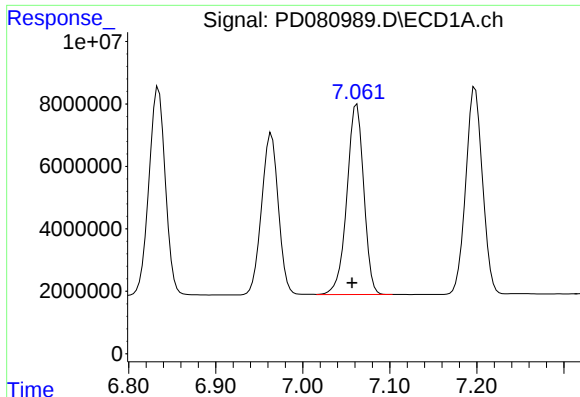
#16 4,4'-DDD

R.T.: 6.747 min  
Delta R.T.: 0.006 min  
Response: 81196544  
Conc: 49.42 ng/ml



#16 4,4'-DDD

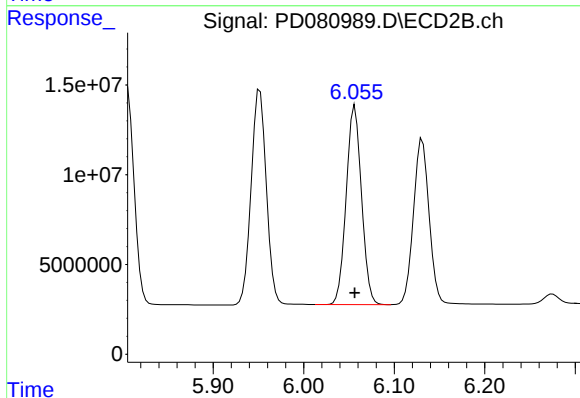
R.T.: 5.806 min  
Delta R.T.: 0.000 min  
Response: 137981107  
Conc: 52.56 ng/ml



#17 4,4'-DDT

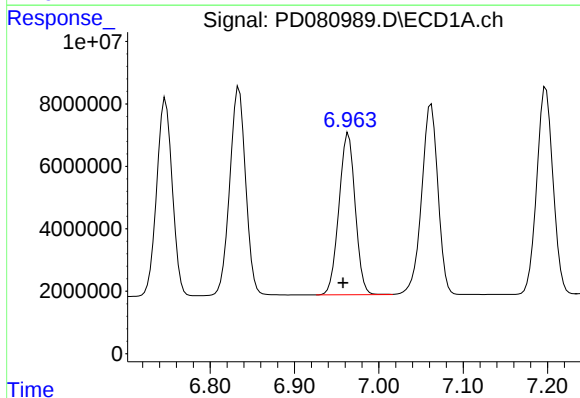
R.T.: 7.062 min  
Delta R.T.: 0.006 min  
Response: 82191112  
Conc: 46.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158727BS



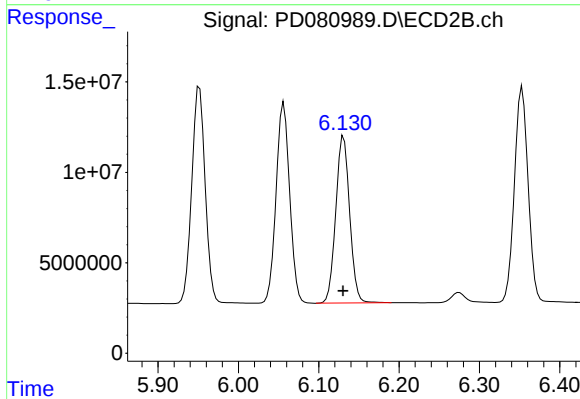
#17 4,4'-DDT

R.T.: 6.057 min  
Delta R.T.: 0.000 min  
Response: 130315421  
Conc: 49.12 ng/ml



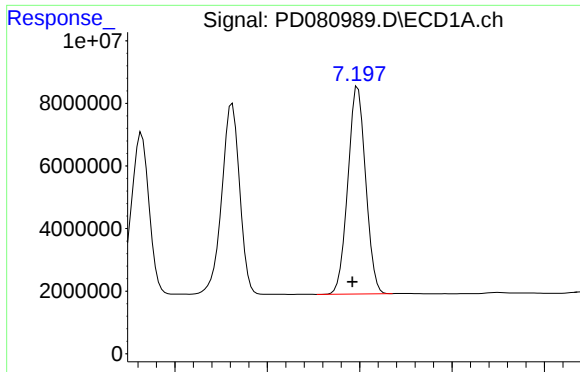
#18 Endrin aldehyde

R.T.: 6.964 min  
Delta R.T.: 0.006 min  
Response: 69334168  
Conc: 45.58 ng/ml



#18 Endrin aldehyde

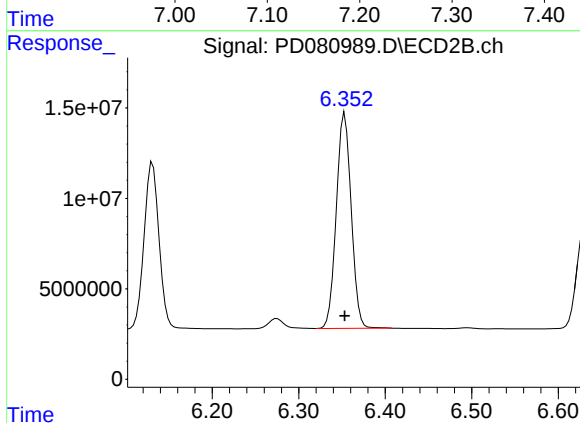
R.T.: 6.131 min  
Delta R.T.: 0.000 min  
Response: 111055161  
Conc: 49.26 ng/ml



#19 Endosulfan Sulfate

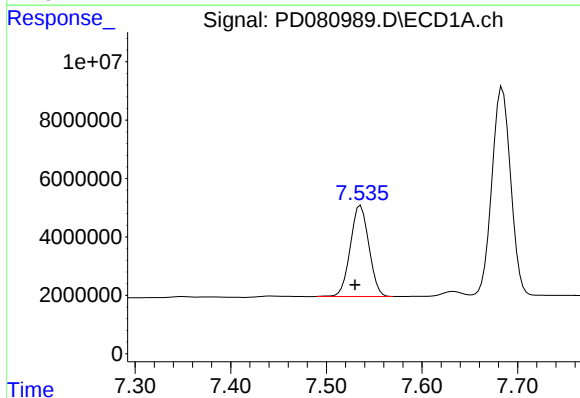
R.T.: 7.198 min  
Delta R.T.: 0.006 min  
Response: 88549962  
Conc: 46.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158727BS



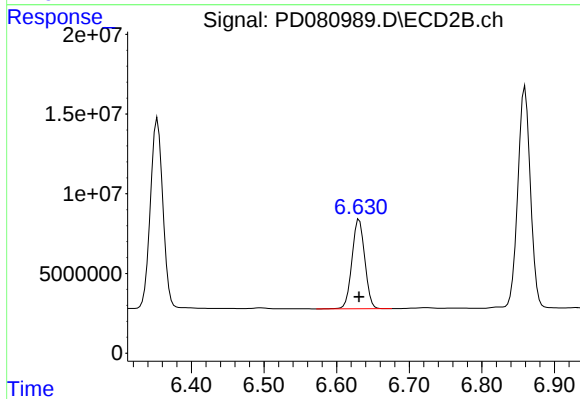
#19 Endosulfan Sulfate

R.T.: 6.353 min  
Delta R.T.: 0.000 min  
Response: 141686526  
Conc: 50.80 ng/ml



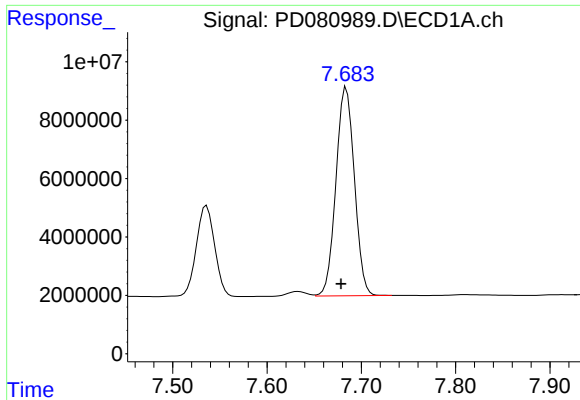
#20 Methoxychlor

R.T.: 7.536 min  
Delta R.T.: 0.006 min  
Response: 42198198  
Conc: 41.00 ng/ml



#20 Methoxychlor

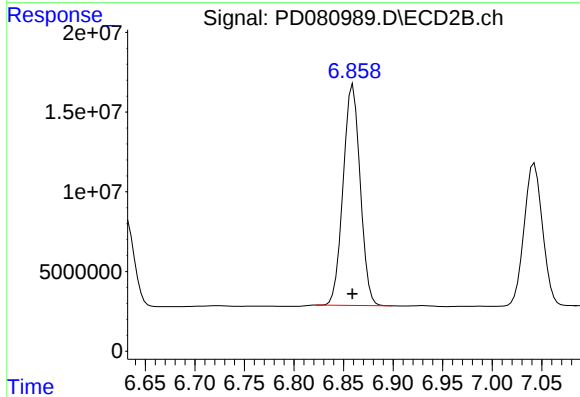
R.T.: 6.631 min  
Delta R.T.: 0.000 min  
Response: 68620644  
Conc: 43.84 ng/ml



#21 Endrin ketone

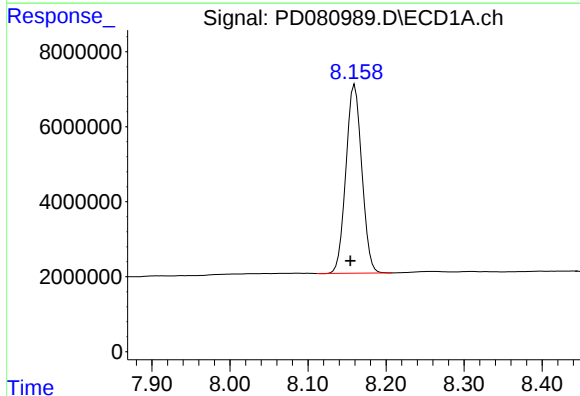
R.T.: 7.684 min  
Delta R.T.: 0.005 min  
Response: 97111840  
Conc: 46.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158727BS



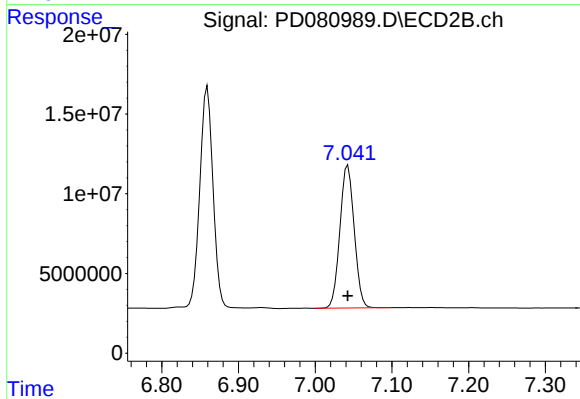
#21 Endrin ketone

R.T.: 6.860 min  
Delta R.T.: 0.000 min  
Response: 165815842  
Conc: 51.38 ng/ml



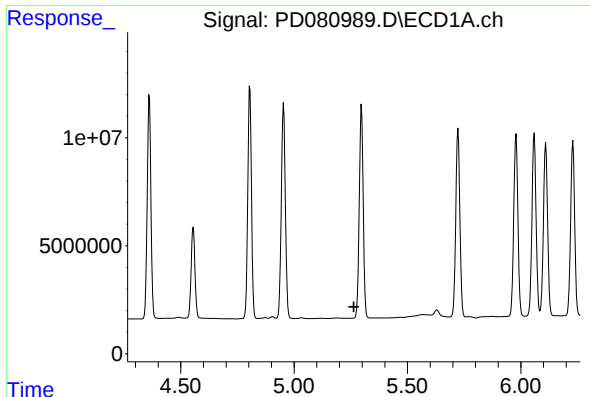
#22 Mirex

R.T.: 8.160 min  
Delta R.T.: 0.006 min  
Response: 71094128  
Conc: 43.10 ng/ml



#22 Mirex

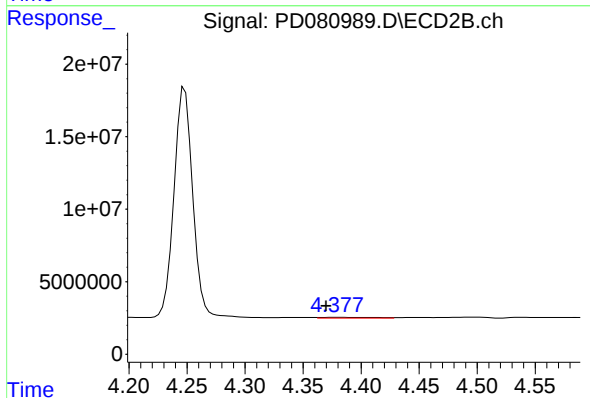
R.T.: 7.043 min  
Delta R.T.: 0.000 min  
Response: 115824367  
Conc: 45.96 ng/ml



#24 Chlordane-2

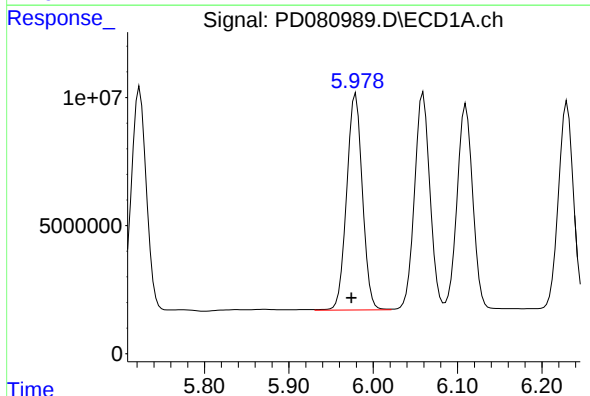
R.T.: 0.000 min  
Exp R.T.: 5.263 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB158727BS



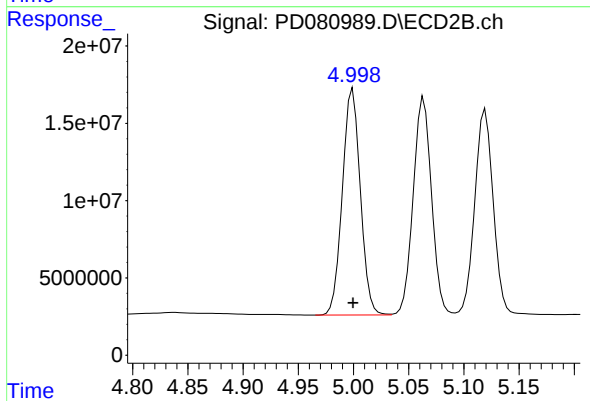
#24 Chlordane-2

R.T.: 4.379 min  
Delta R.T.: 0.009 min  
Response: 1775439  
Conc: 14.48 ng/ml



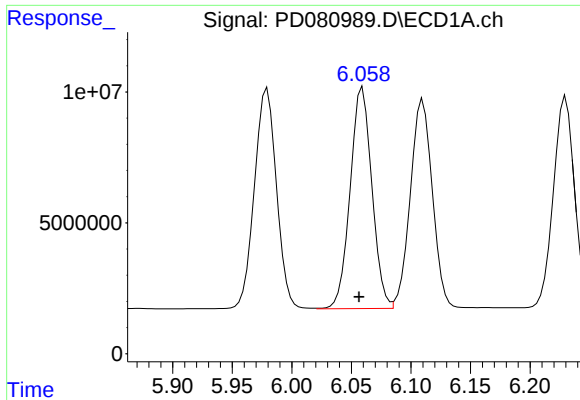
#25 Chlordane-3

R.T.: 5.979 min  
Delta R.T.: 0.005 min  
Response: 109420849  
Conc: 346.49 ng/ml



#25 Chlordane-3

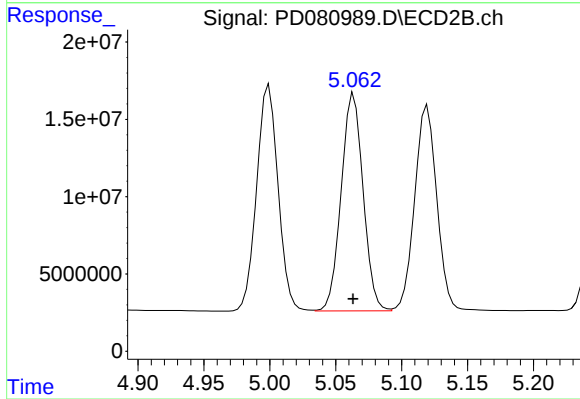
R.T.: 4.999 min  
Delta R.T.: 0.000 min  
Response: 165942229  
Conc: 494.44 ng/ml



#26 Chlordane-4

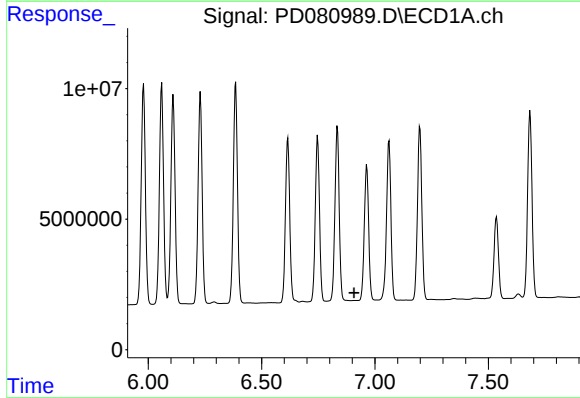
R.T.: 6.059 min  
Delta R.T.: 0.003 min  
Response: 107308509  
Conc: 281.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158727BS



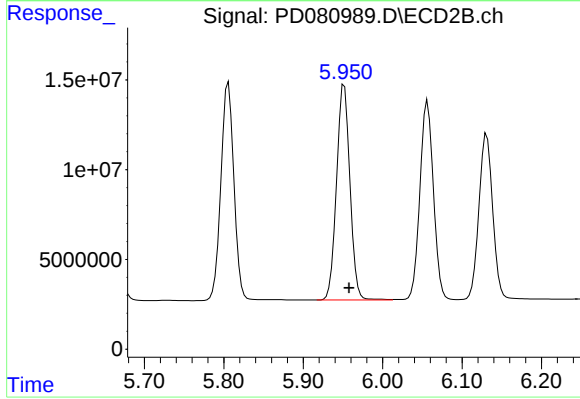
#26 Chlordane-4

R.T.: 5.064 min  
Delta R.T.: 0.000 min  
Response: 162707827  
Conc: 512.15 ng/ml



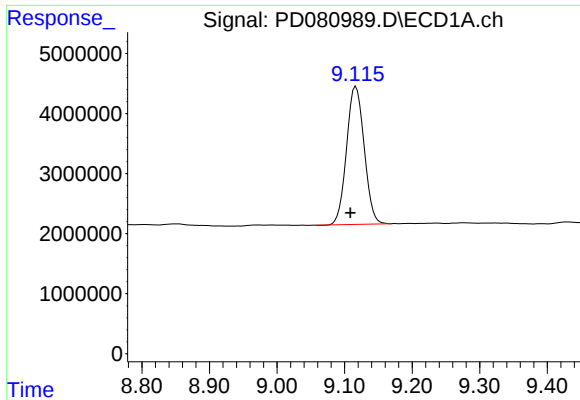
#27 Chlordane-5

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



#27 Chlordane-5

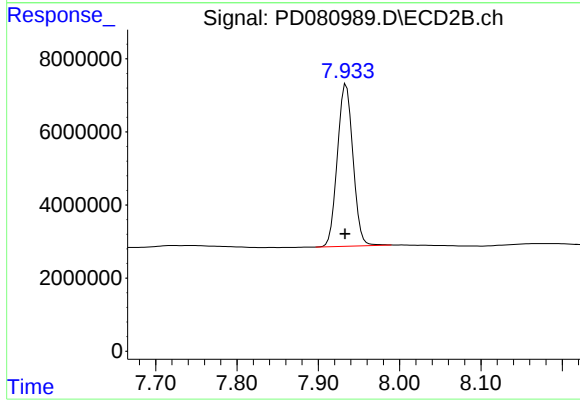
R.T.: 5.952 min  
Delta R.T.: -0.006 min  
Response: 140731146  
Conc: 1160.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.117 min  
Delta R.T.: 0.008 min  
Response: 41520140  
Conc: 20.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB158727BS



#28 Decachlorobiphenyl

R.T.: 7.934 min  
Delta R.T.: 0.001 min  
Response: 59184849  
Conc: 22.22 ng/ml