

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031819\  
 Data File : PD051858.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 18 Mar 2019 18:44  
 Operator : AJ\SJ  
 Sample : K1948-07  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 INV-025-SW01-031319

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 19 02:38:15 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 01 23:43:17 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.222  | 4.043  | 28424551 | 565.0E6  | 21.437 | 19.702   |
| 28)                         | SA Decachlor... | 7.821  | 9.155  | 16956253 | 267.7E6  | 14.917 | 14.657   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.670f | 4.432  | 438454   | 6209418  | 0.200  | 0.142 #  |
| 3)                          | MA gamma-BHC... | 3.916  | 4.725  | 1844069  | 6219366  | 0.883  | 0.157 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.519f | 0        | 16119012 | N.D.   | 0.450 #  |
| 6)                          | B beta-BHC      | 0.000  | 4.875f | 0        | 24974500 | N.D.   | 1.390 #  |
| 9)                          | A Endosulfan I  | 5.193f | 6.268f | 1356955  | 33323757 | 0.732  | 1.124 #  |
| 10)                         | B gamma-Chl...  | 0.000  | 6.178  | 0        | 30887033 | N.D.   | 0.966 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 6.238  | 0        | 19965967 | N.D.   | 0.630 #  |
| 12)                         | B 4,4'-DDE      | 5.289  | 6.394  | 1207090  | 32176138 | 0.644  | 1.040 #  |
| 13)                         | MA Dieldrin     | 5.388f | 6.574f | 269356   | 6207448  | 0.134  | 0.201 #  |
| 14)                         | MA Endrin       | 0.000  | 6.756  | 0        | 595408   | N.D.   | 0.023 #  |
| 15)                         | B Endosulfa...  | 0.000  | 6.980  | 0        | 31070706 | N.D.   | 1.206 #  |
| 16)                         | A 4,4'-DDD      | 5.820f | 6.890  | 1999301  | 56562150 | 1.270  | 2.303 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.185  | 0        | 11619811 | N.D.   | 0.574 #  |
| 18)                         | B Endrin al...  | 0.000  | 7.076f | 0        | 5891679  | N.D.   | 0.275 #  |
| 19)                         | B Endosulfa...  | 0.000  | 7.321  | 0        | 10622855 | N.D.   | 0.453 #  |
| 20)                         | A Methoxychlor  | 0.000  | 7.655  | 0        | 18774196 | N.D.   | 1.706 #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.790  | 0        | 8473611  | N.D.   | 0.375 #  |
| 23)                         | Chlordane-1     | 0.000  | 5.044  | 0        | 54165434 | N.D.   | 35.374 # |
| 24)                         | Chlordane-2     | 0.000  | 5.519  | 0        | 16119012 | N.D.   | 11.367 # |
| 25)                         | Chlordane-3     | 0.000  | 6.178  | 0        | 30887033 | N.D.   | 6.936 #  |
| 26)                         | Chlordane-4     | 0.000  | 6.238  | 0        | 19965967 | N.D.   | 3.812 #  |
| 27)                         | Chlordane-5     | 0.000  | 7.076f | 0        | 5891679  | N.D.   | 5.816 #  |
| -----                       |                 |        |        |          |          |        |          |

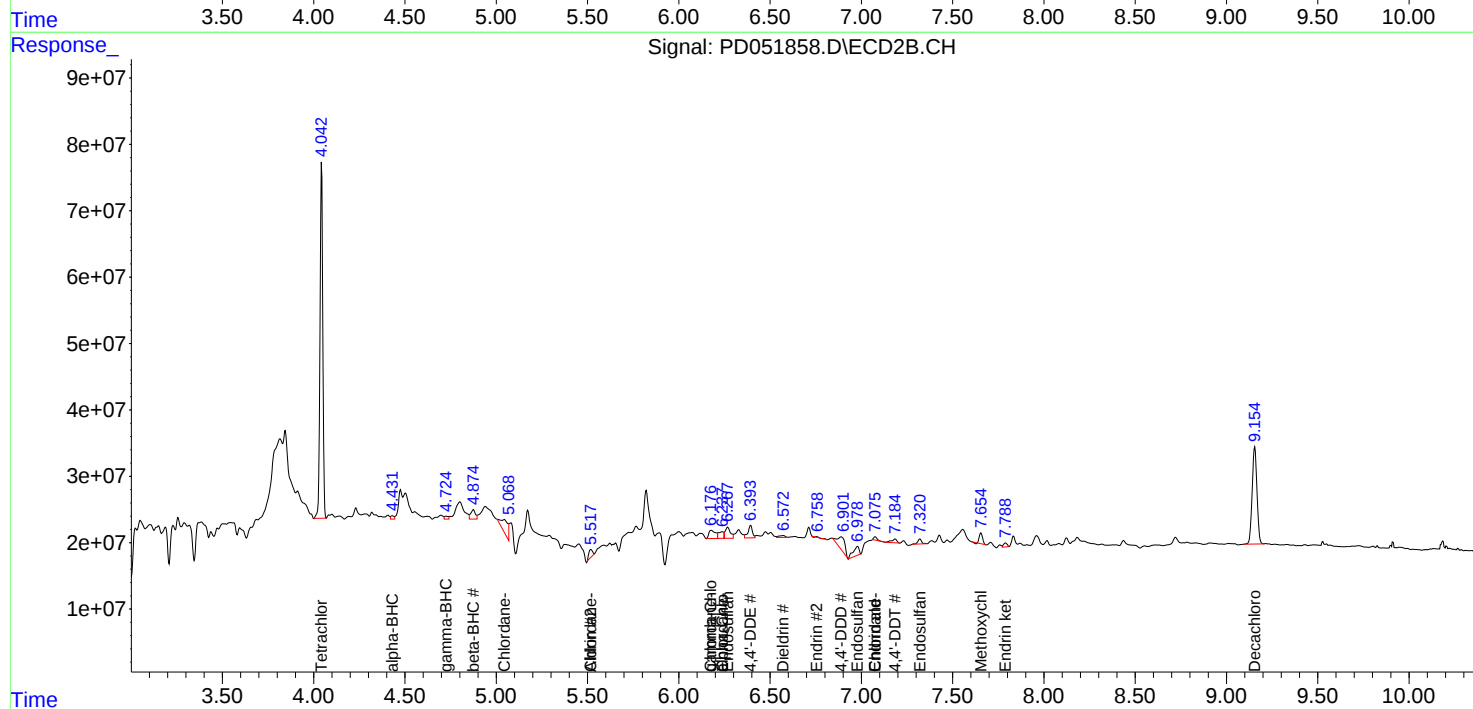
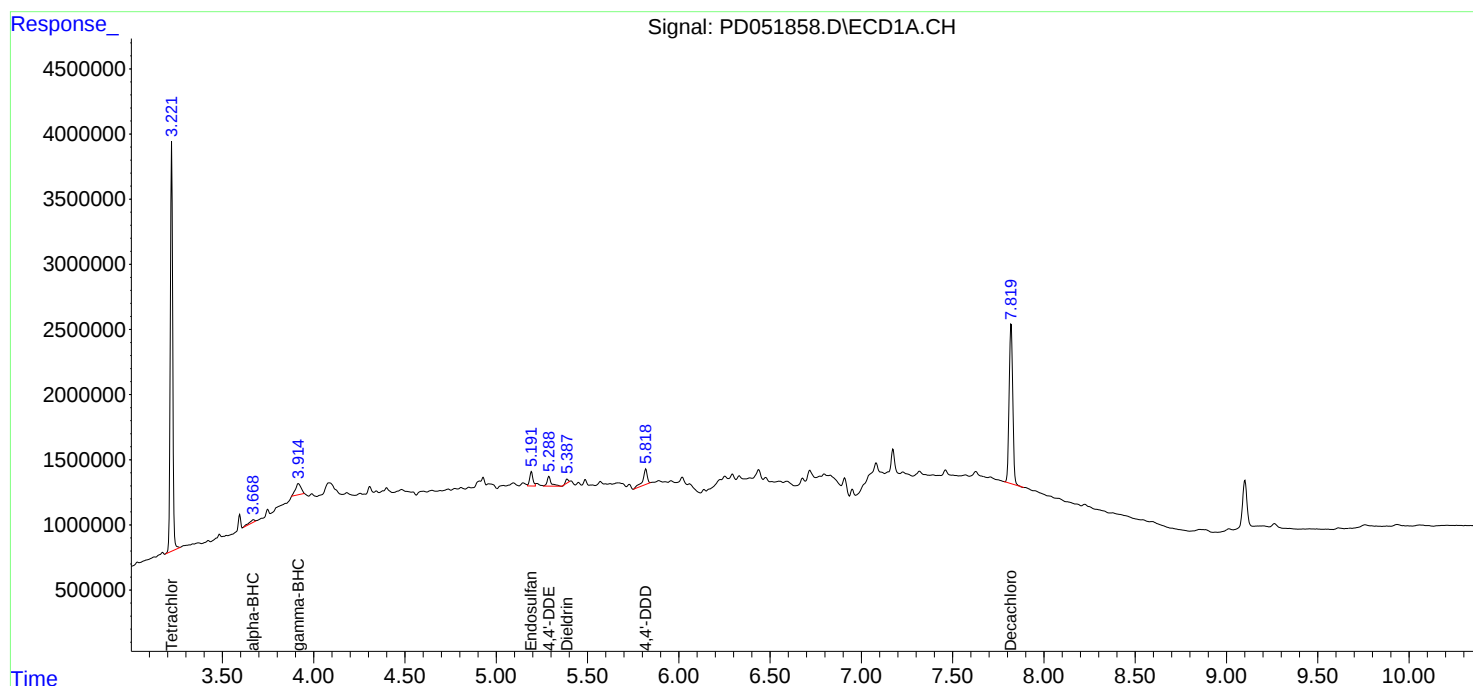
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

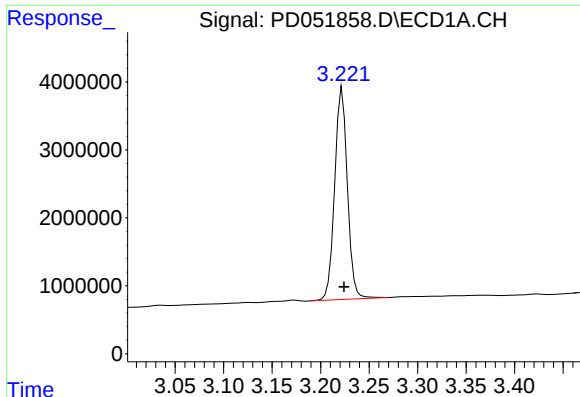
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031819\  
Data File : PD051858.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 18 Mar 2019 18:44  
Operator : AJ\SJ  
Sample : K1948-07  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
INV-025-SW01-031319

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 19 02:38:15 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 01 23:43:17 2019  
Response via : Initial Calibration  
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Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

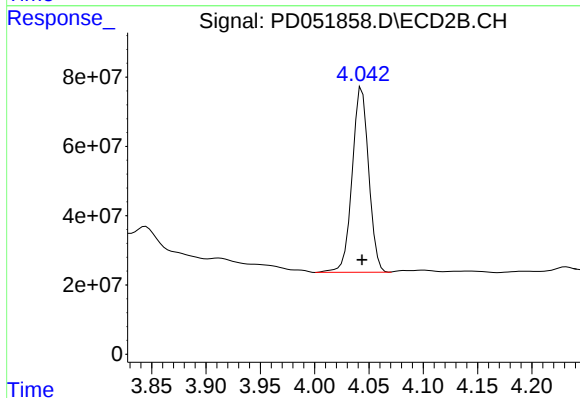




#1 Tetrachloro-m-xylene

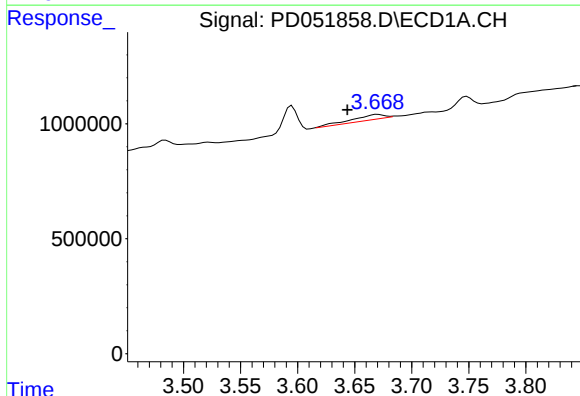
R.T.: 3.222 min  
Delta R.T.: -0.002 min  
Response: 28424551  
Conc: 21.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INV-025-SW01-031319



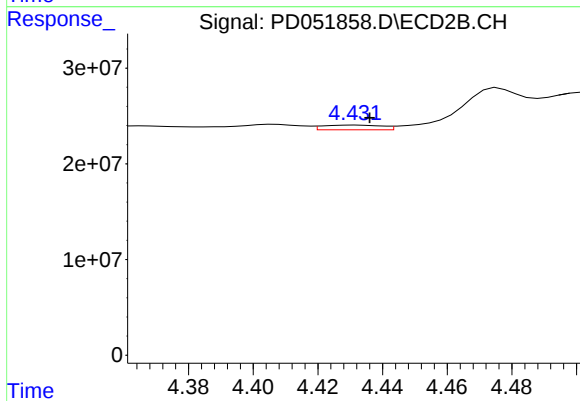
#1 Tetrachloro-m-xylene

R.T.: 4.043 min  
Delta R.T.: 0.000 min  
Response: 564999765  
Conc: 19.70 ng/ml



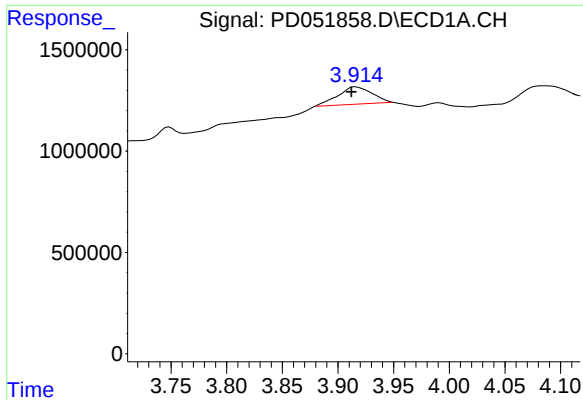
#2 alpha-BHC

R.T.: 3.670 min  
Delta R.T.: 0.026 min  
Response: 438454  
Conc: 0.20 ng/ml



#2 alpha-BHC

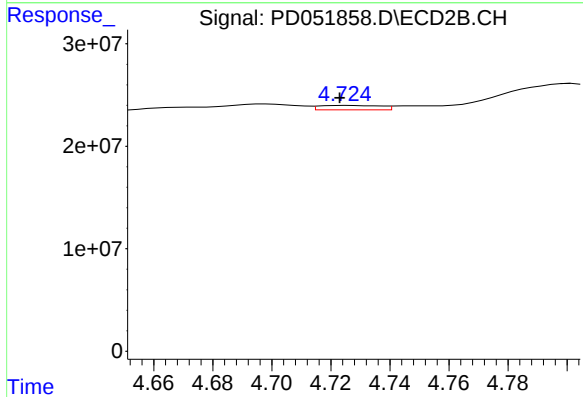
R.T.: 4.432 min  
Delta R.T.: -0.004 min  
Response: 6209418  
Conc: 0.14 ng/ml



#3 gamma-BHC (Lindane)

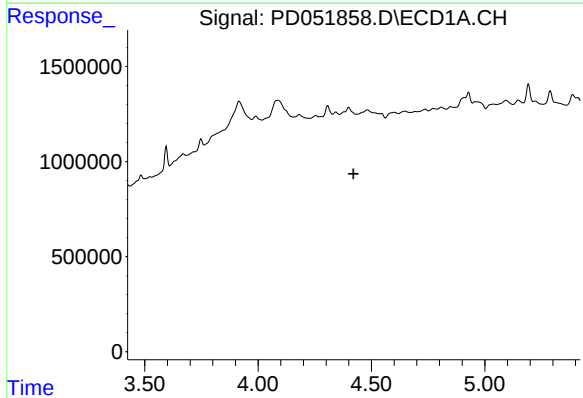
R.T.: 3.916 min  
Delta R.T.: 0.004 min  
Response: 1844069  
Conc: 0.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INV-025-SW01-031319



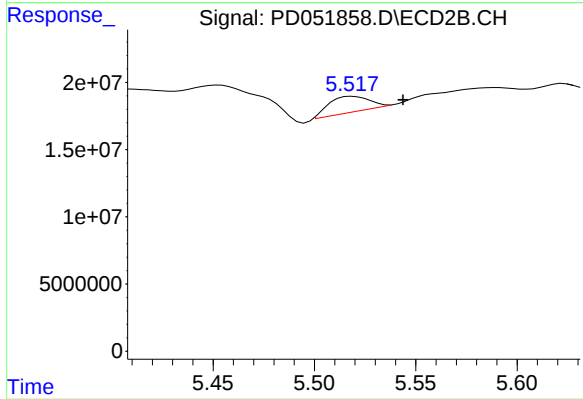
#3 gamma-BHC (Lindane)

R.T.: 4.725 min  
Delta R.T.: 0.002 min  
Response: 6219366  
Conc: 0.16 ng/ml



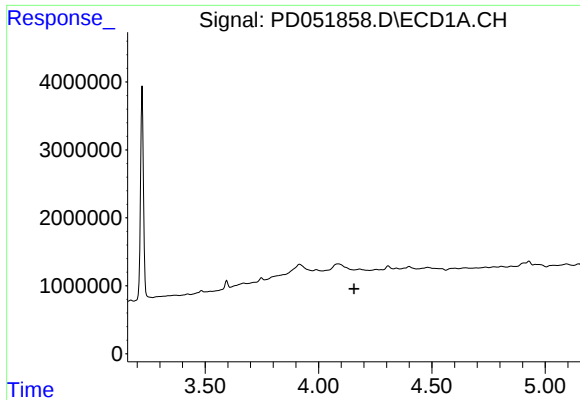
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.422 min  
Response: 0  
Conc: N.D.



#5 Aldrin

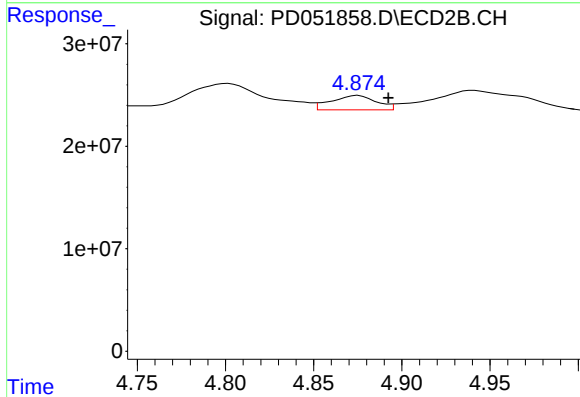
R.T.: 5.519 min  
Delta R.T.: -0.025 min  
Response: 16119012  
Conc: 0.45 ng/ml



#6 beta-BHC

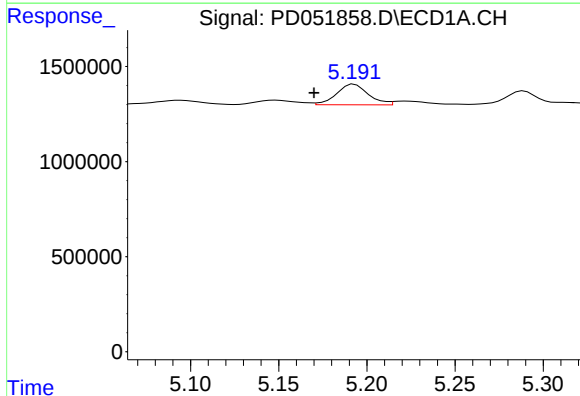
R.T.: 0.000 min  
Exp R.T.: 4.158 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INV-025-SW01-031319



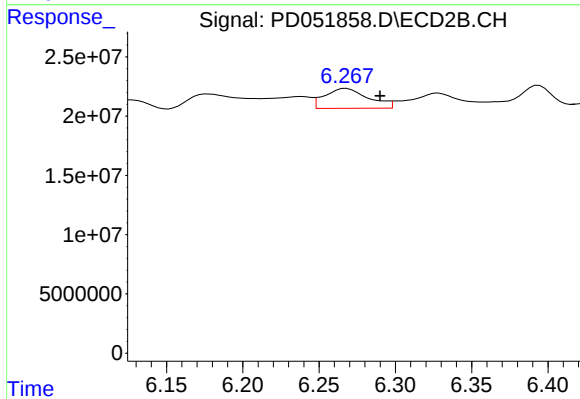
#6 beta-BHC

R.T.: 4.875 min  
Delta R.T.: -0.017 min  
Response: 24974500  
Conc: 1.39 ng/ml



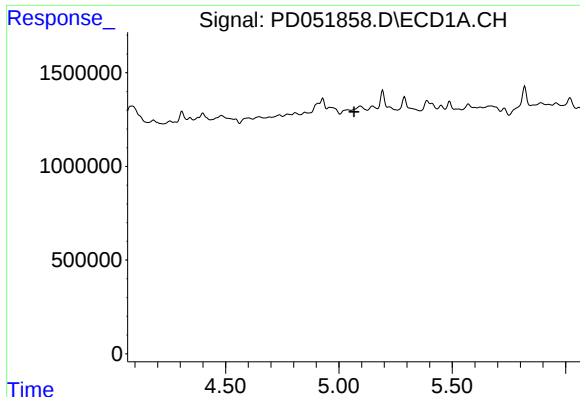
#9 Endosulfan I

R.T.: 5.193 min  
Delta R.T.: 0.023 min  
Response: 1356955  
Conc: 0.73 ng/ml



#9 Endosulfan I

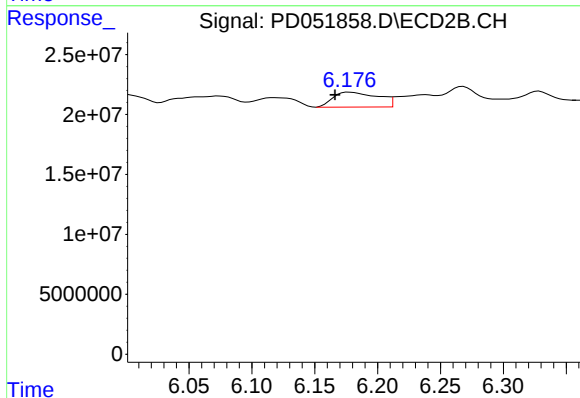
R.T.: 6.268 min  
Delta R.T.: -0.022 min  
Response: 33323757  
Conc: 1.12 ng/ml



#10 gamma-Chlordane

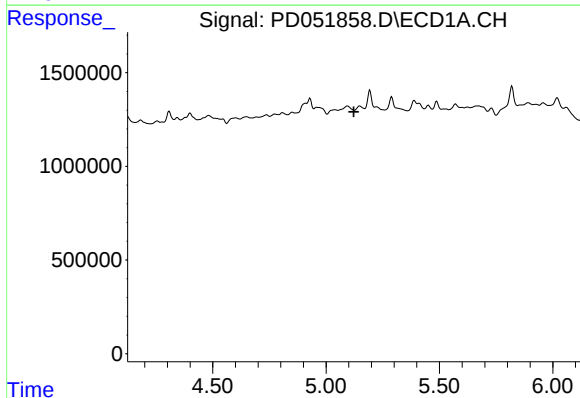
R.T.: 0.000 min  
Exp R.T.: 5.066 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INV-025-SW01-031319



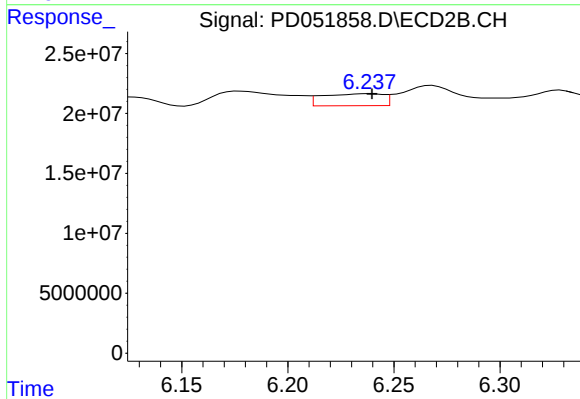
#10 gamma-Chlordane

R.T.: 6.178 min  
Delta R.T.: 0.012 min  
Response: 30887033  
Conc: 0.97 ng/ml



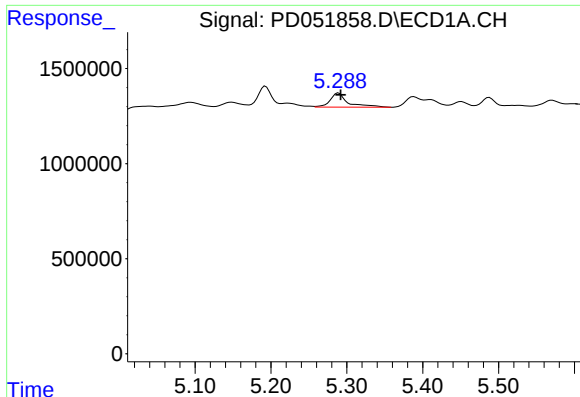
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.122 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

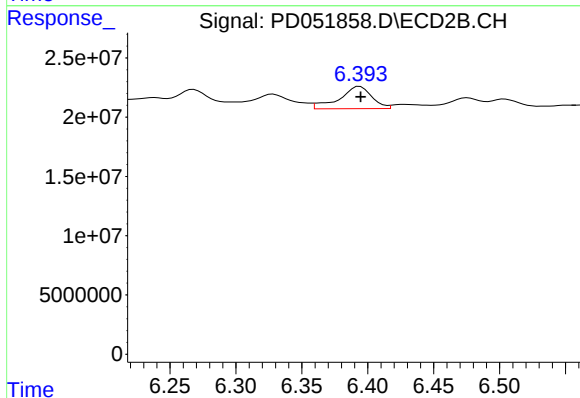
R.T.: 6.238 min  
Delta R.T.: -0.001 min  
Response: 19965967  
Conc: 0.63 ng/ml



#12 4,4'-DDE

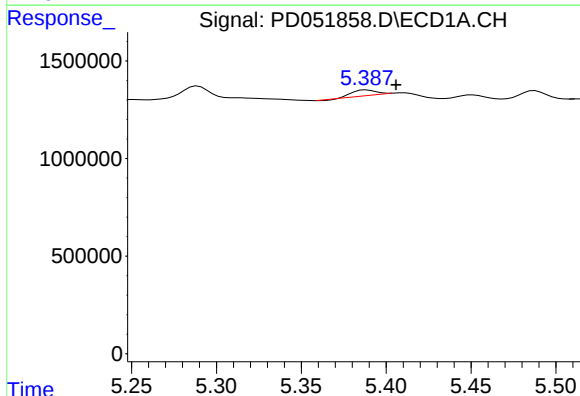
R.T.: 5.289 min  
Delta R.T.: -0.003 min  
Response: 1207090  
Conc: 0.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INV-025-SW01-031319



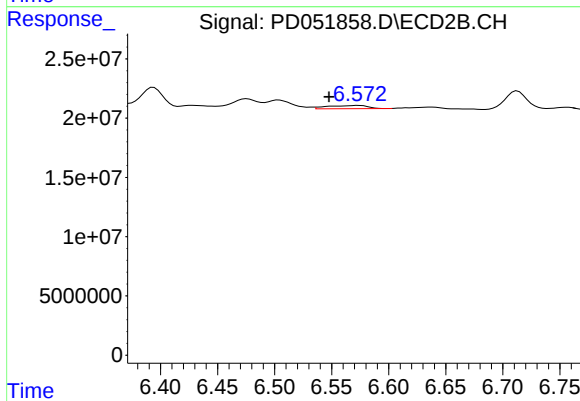
#12 4,4'-DDE

R.T.: 6.394 min  
Delta R.T.: 0.000 min  
Response: 32176138  
Conc: 1.04 ng/ml



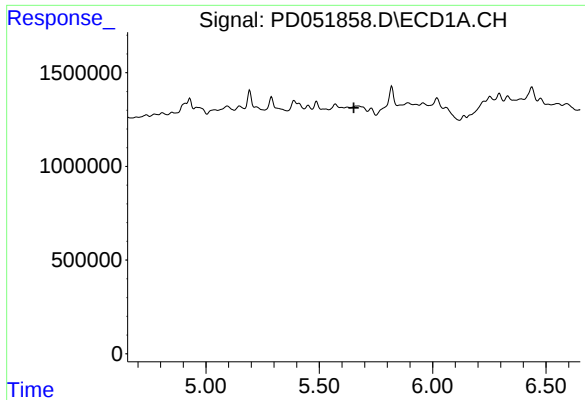
#13 Dieldrin

R.T.: 5.388 min  
Delta R.T.: -0.017 min  
Response: 269356  
Conc: 0.13 ng/ml



#13 Dieldrin

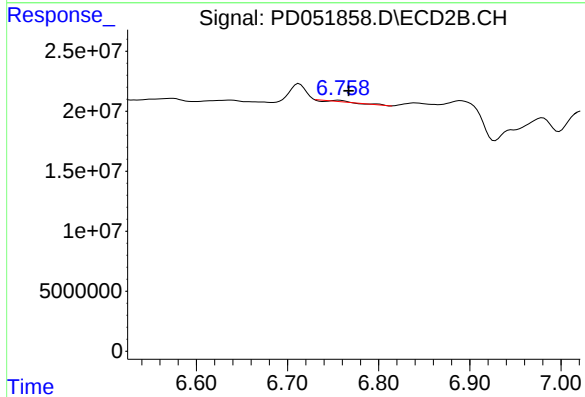
R.T.: 6.574 min  
Delta R.T.: 0.026 min  
Response: 6207448  
Conc: 0.20 ng/ml



#14 Endrin

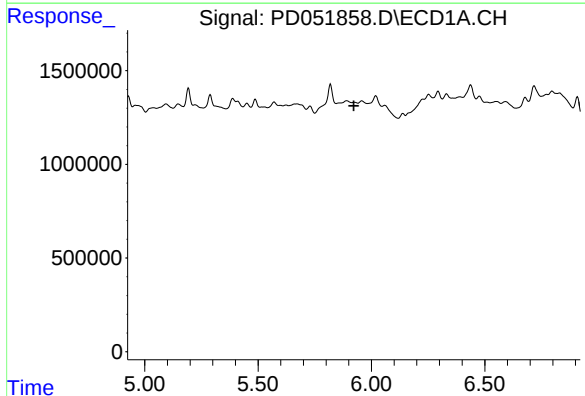
R.T.: 0.000 min  
Exp R.T.: 5.653 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INV-025-SW01-031319



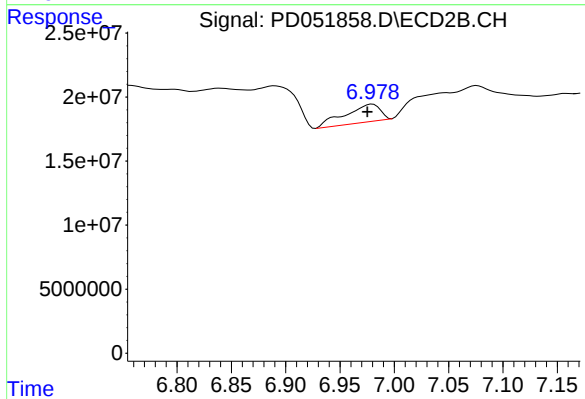
#14 Endrin

R.T.: 6.756 min  
Delta R.T.: -0.011 min  
Response: 595408  
Conc: 0.02 ng/ml



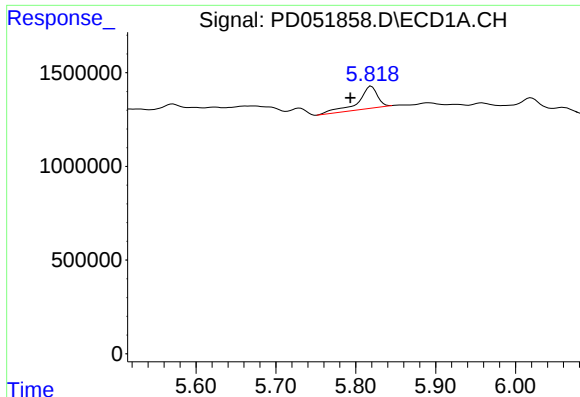
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 5.923 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

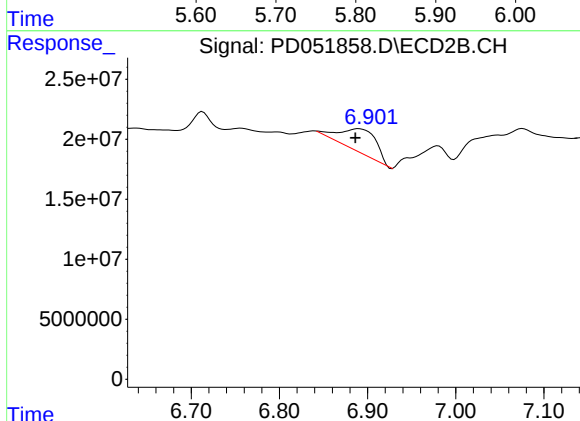
R.T.: 6.980 min  
Delta R.T.: 0.004 min  
Response: 31070706  
Conc: 1.21 ng/ml



#16 4,4'-DDD

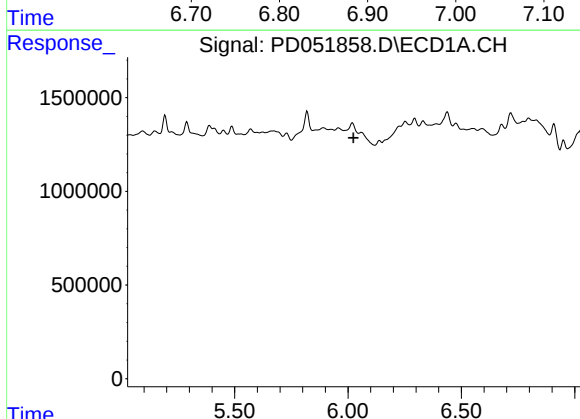
R.T.: 5.820 min  
Delta R.T.: 0.026 min  
Response: 1999301  
Conc: 1.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INV-025-SW01-031319



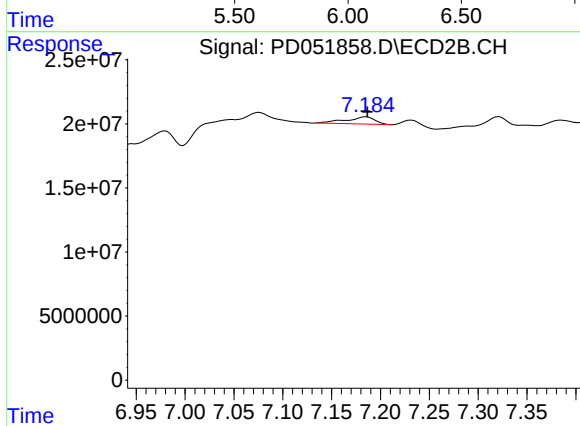
#16 4,4'-DDD

R.T.: 6.890 min  
Delta R.T.: 0.004 min  
Response: 56562150  
Conc: 2.30 ng/ml



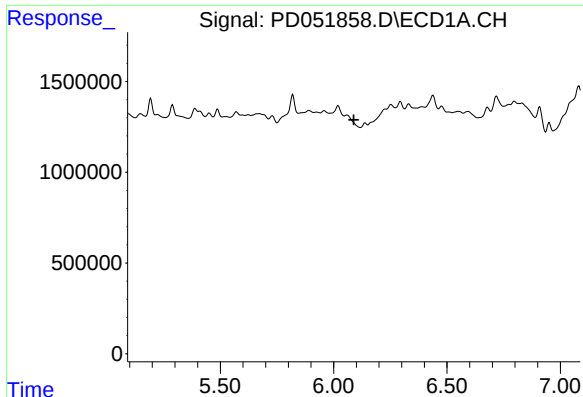
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.024 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

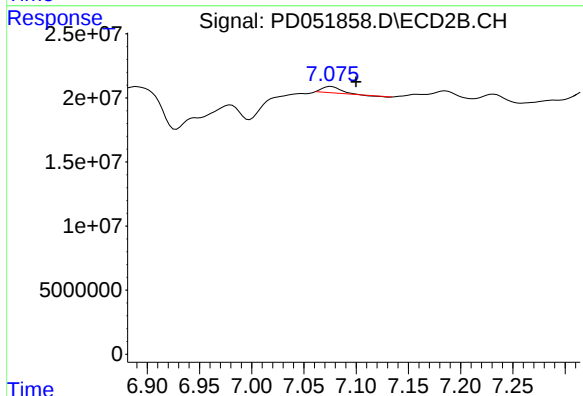
R.T.: 7.185 min  
Delta R.T.: -0.001 min  
Response: 11619811  
Conc: 0.57 ng/ml



#18 Endrin aldehyde

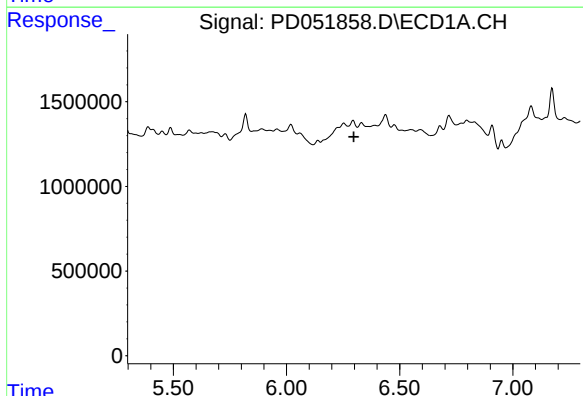
R.T.: 0.000 min  
Exp R.T.: 6.089 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INV-025-SW01-031319



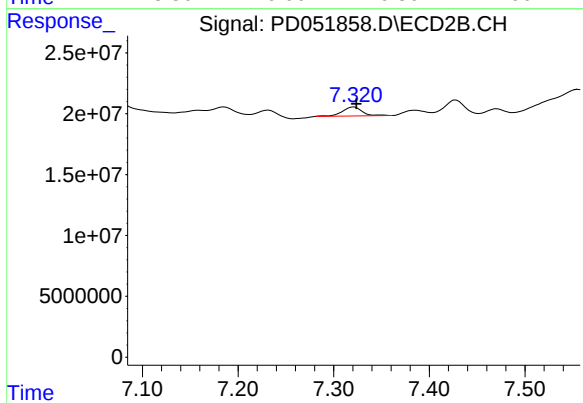
#18 Endrin aldehyde

R.T.: 7.076 min  
Delta R.T.: -0.024 min  
Response: 5891679  
Conc: 0.27 ng/ml



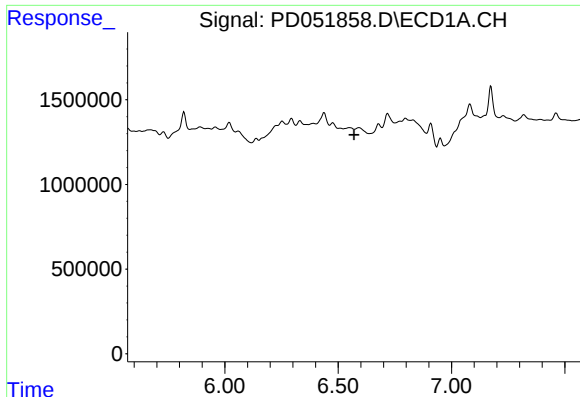
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 6.298 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

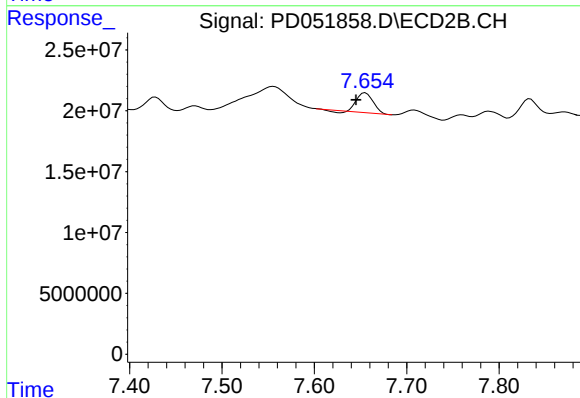
R.T.: 7.321 min  
Delta R.T.: -0.003 min  
Response: 10622855  
Conc: 0.45 ng/ml



#20 Methoxychlor

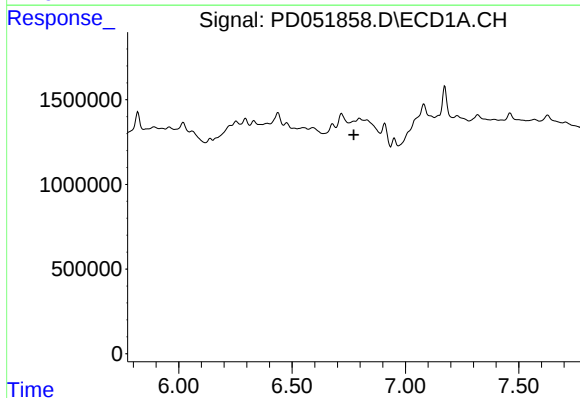
R.T.: 0.000 min  
Exp R.T.: 6.570 min  
Response: 0  
Conc: N.D.

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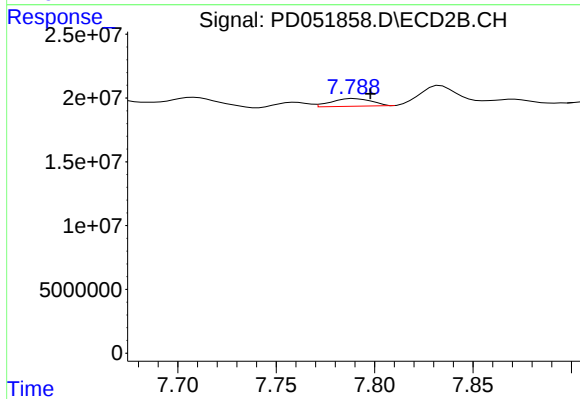
#20 Methoxychlor

R.T.: 7.655 min  
Delta R.T.: 0.010 min  
Response: 18774196  
Conc: 1.71 ng/ml



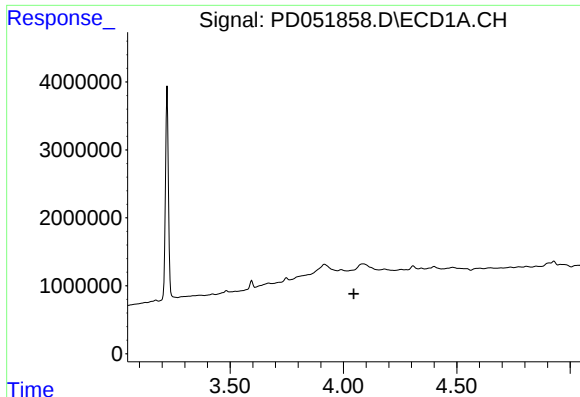
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 6.773 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

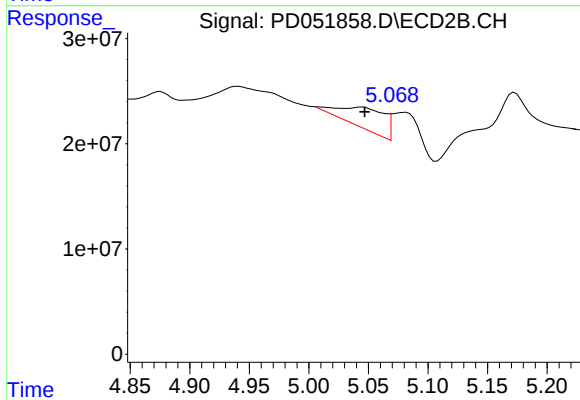
R.T.: 7.790 min  
Delta R.T.: -0.008 min  
Response: 8473611  
Conc: 0.38 ng/ml



#23 Chlordane-1

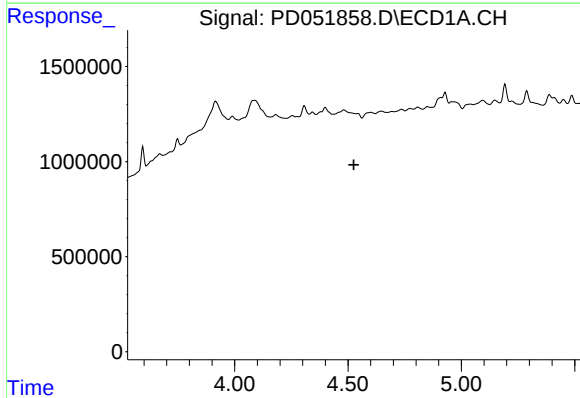
R.T.: 0.000 min  
Exp R.T.: 4.046 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INV-025-SW01-031319



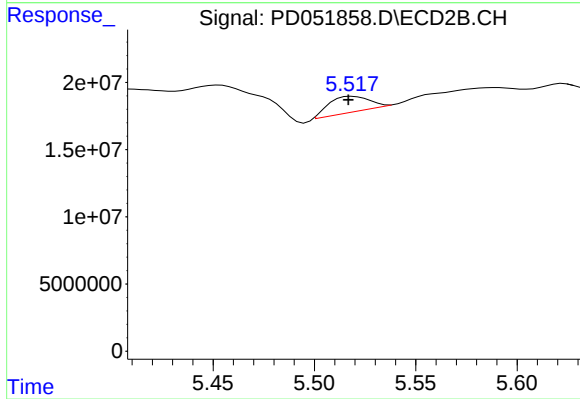
#23 Chlordane-1

R.T.: 5.044 min  
Delta R.T.: -0.003 min  
Response: 54165434  
Conc: 35.37 ng/ml



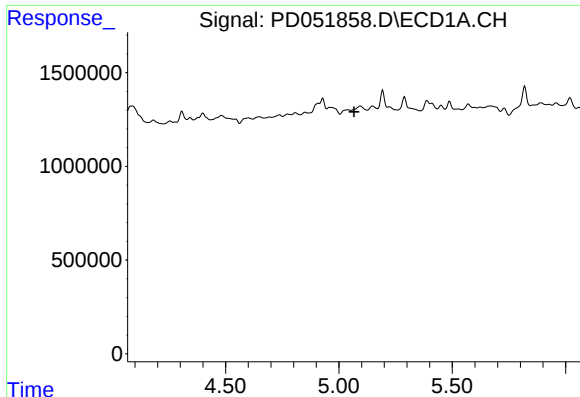
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 4.526 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

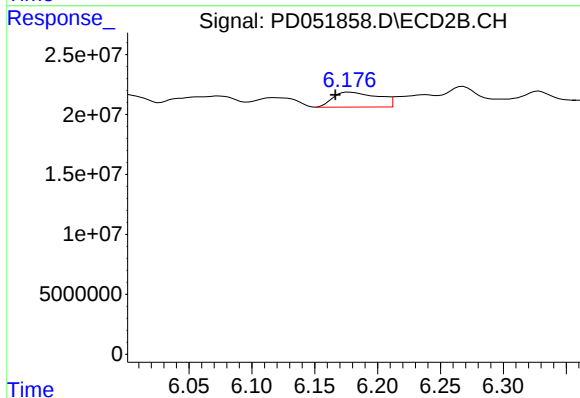
R.T.: 5.519 min  
Delta R.T.: 0.002 min  
Response: 16119012  
Conc: 11.37 ng/ml



#25 Chlordane-3

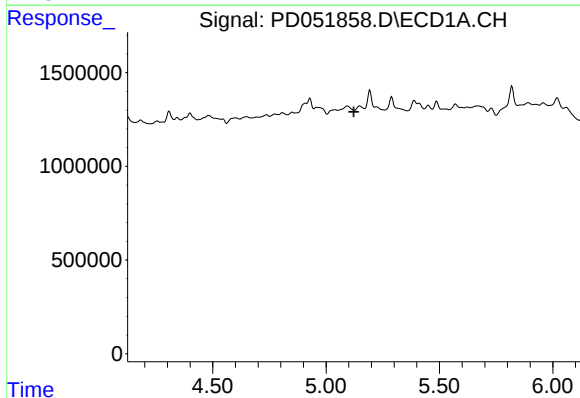
R.T.: 0.000 min  
Exp R.T.: 5.067 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INV-025-SW01-031319



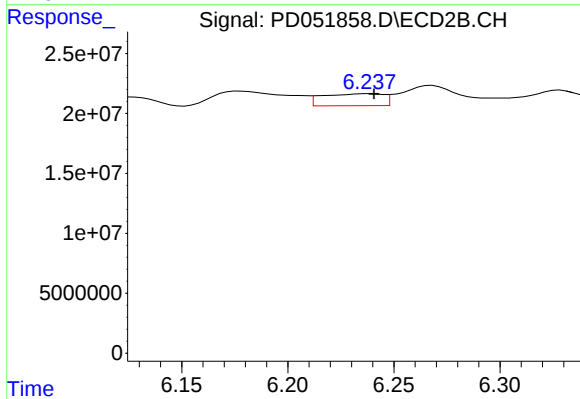
#25 Chlordane-3

R.T.: 6.178 min  
Delta R.T.: 0.012 min  
Response: 30887033  
Conc: 6.94 ng/ml



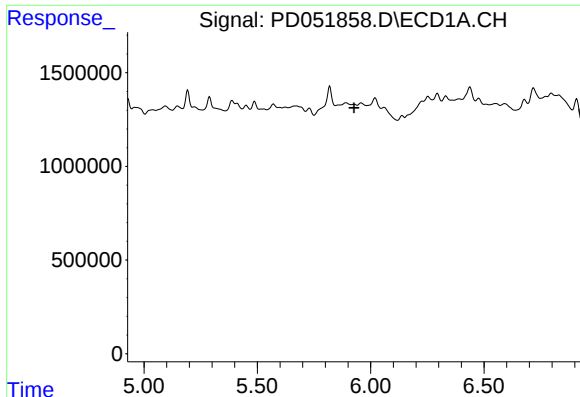
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 5.122 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

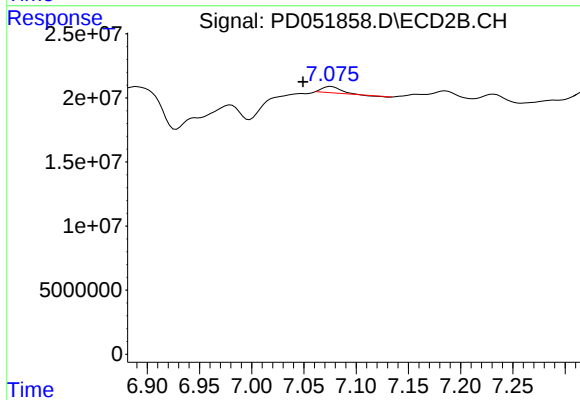
R.T.: 6.238 min  
Delta R.T.: -0.002 min  
Response: 19965967  
Conc: 3.81 ng/ml



#27 Chlorodane-5

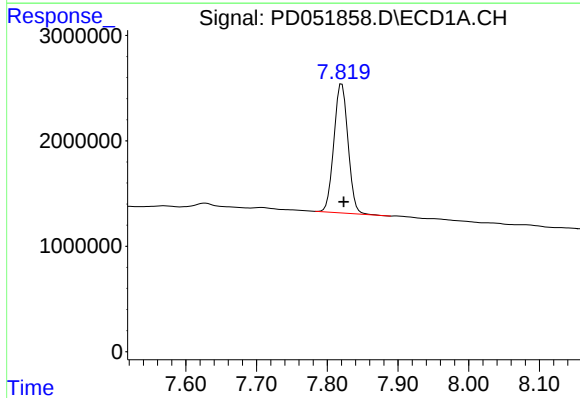
R.T.: 0.000 min  
Exp R.T.: 5.927 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INV-025-SW01-031319



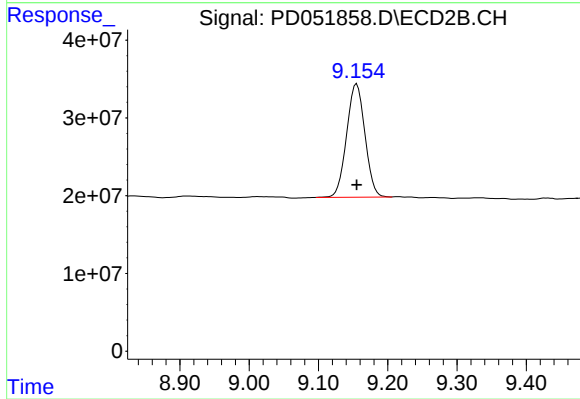
#27 Chlorodane-5

R.T.: 7.076 min  
Delta R.T.: 0.027 min  
Response: 5891679  
Conc: 5.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.821 min  
Delta R.T.: -0.003 min  
Response: 16956253  
Conc: 14.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.155 min  
Delta R.T.: 0.000 min  
Response: 267732994  
Conc: 14.66 ng/ml