

Data Path : Z:\bestpcbsrv\HPCHEM1\ECD D\Data\PD062018\  
 Data File : PD048175.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 20 Jun 2018 12:30  
 Operator : UA/AJ  
 Sample : RESCHK  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

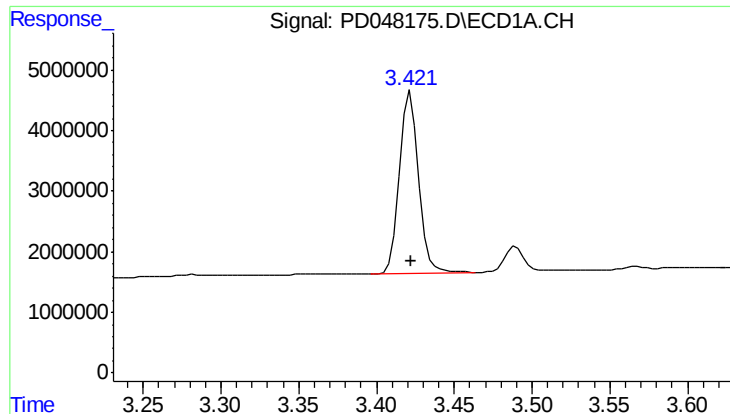
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 20 16:26:10 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_D\Method\PD062018.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 20 15:58:02 2018  
 Response via : Initial Calibration  
 Integrator: 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 x 0.2 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... | 3.422  | 4.040  | 25943588 | 419.0E6  | 21.291  | 22.534   |
| 28)                         | SA Decachlor... | 8.137  | 9.112  | 28638268 | 424.4E6  | 22.129  | 22.851   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.425  | 0        | 2379963  | N.D.    | 0.083 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 4.731  | 0        | 2404898  | N.D.    | 0.087 #  |
| 4)                          | MA Heptachlor   | 0.000  | 5.235  | 0        | 3827695  | N.D.    | 0.145 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.535  | 0        | 19940974 | N.D.    | 0.776 #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.902  | 0        | 338.4E6  | N.D.    | 19.151 # |
| 9)                          | A Endosulfan I  | 5.450  | 6.271  | 19962566 | 251.4E6  | 14.114  | 11.747   |
| 10)                         | B gamma-Chl...  | 5.338  | 6.149  | 30702085 | 276.3E6  | 19.883  | 11.816 # |
| 11)                         | B alpha-Chl...  | 5.450f | 6.271f | 19962566 | 251.4E6  | 13.254  | 10.849   |
| 12)                         | B 4,4'-DDE      | 5.562  | 6.374  | 38816428 | 475.0E6  | 24.955  | 20.765   |
| 13)                         | MA Dieldrin     | 5.691  | 6.527  | 35464505 | 529.0E6  | 21.870  | 22.939   |
| 14)                         | MA Endrin       | 5.963  | 0.000  | 2871426  | 0        | 1.854   | N.D. #   |
| 15)                         | B Endosulfa...  | 0.000  | 6.953  | 0        | 14824560 | N.D.    | 0.721 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.147  | 0        | 23488006 | N.D.    | 1.253 #  |
| 18)                         | B Endrin al...  | 0.000  | 7.072  | 0        | 3188946  | N.D.    | 0.189 #  |
| 19)                         | B Endosulfa...  | 6.600  | 7.291  | 28155357 | 454.2E6  | 22.124  | 23.684   |
| 20)                         | A Methoxychlor  | 6.862  | 7.612  | 79180281 | 890.7E6  | 107.656 | 93.193   |
| 21)                         | B Endrin ke...  | 7.090  | 7.759  | 19579613 | 376.9E6  | 12.290  | 20.036 # |
| 24)                         | Chlordane-2     | 0.000  | 5.501  | 0        | 3523238  | N.D.    | 3.403 #  |
| 25)                         | Chlordane-3     | 5.338  | 6.149  | 30702085 | 276.3E6  | 173.815 | 82.864 # |
| 26)                         | Chlordane-4     | 5.450  | 6.271  | 19962566 | 251.4E6  | 125.730 | 65.076 # |
| 27)                         | Chlordane-5     | 0.000  | 7.017  | 0        | 25449768 | N.D.    | 29.352 # |
| -----                       |                 |        |        |          |          |         |          |

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

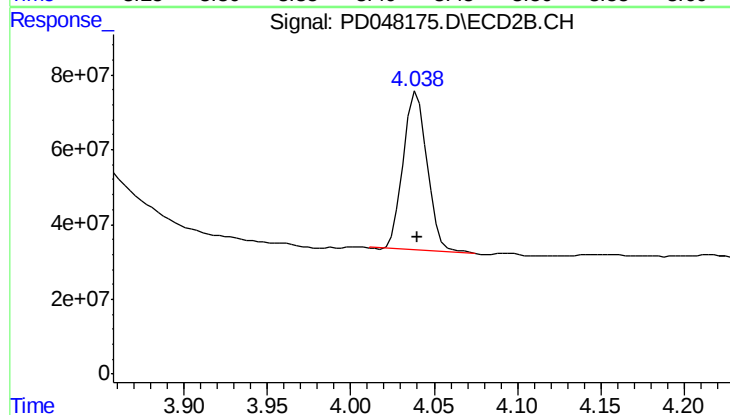




#1 Tetrachloro-m-xylene

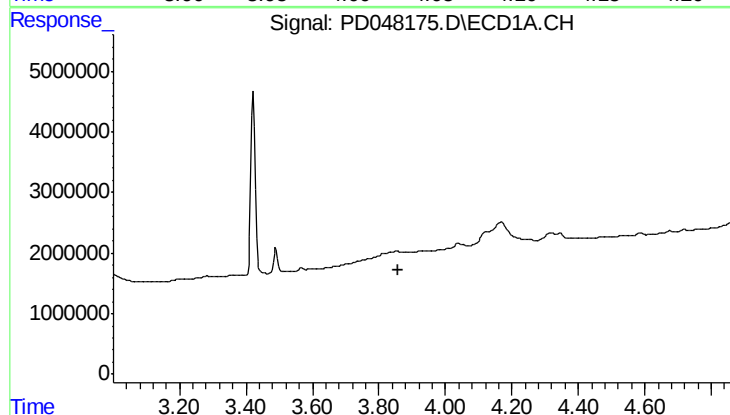
R.T.: 3.422 min  
Delta R.T.: 0.000 min  
Response: 25943588  
Conc: 21.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



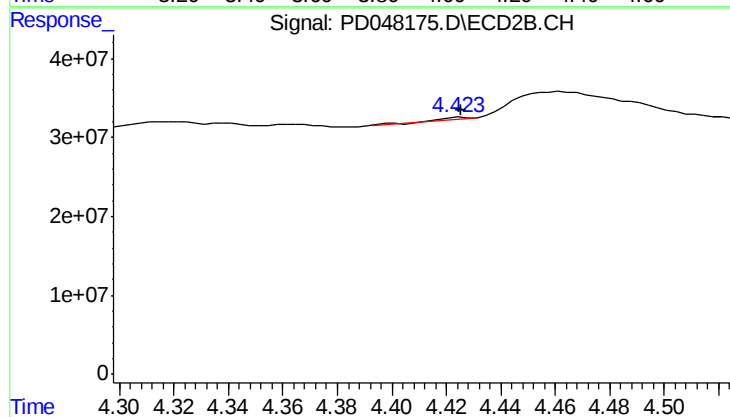
#1 Tetrachloro-m-xylene

R.T.: 4.040 min  
Delta R.T.: 0.000 min  
Response: 418974841  
Conc: 22.53 ng/ml



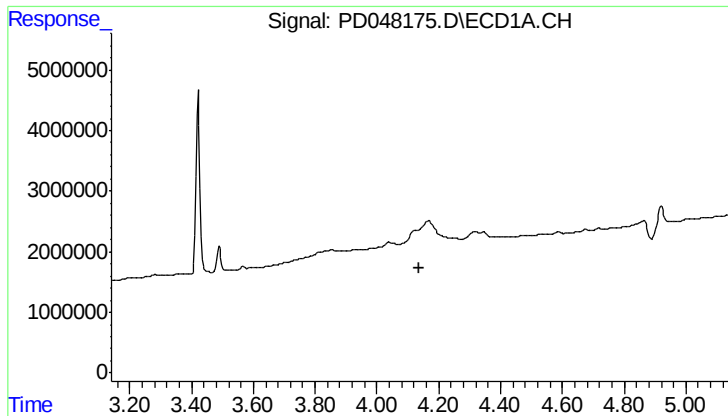
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T.: 3.858 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

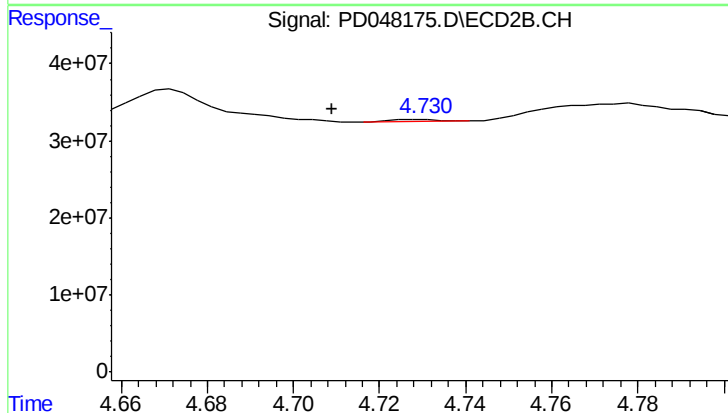
R.T.: 4.425 min  
Delta R.T.: 0.000 min  
Response: 2379963  
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

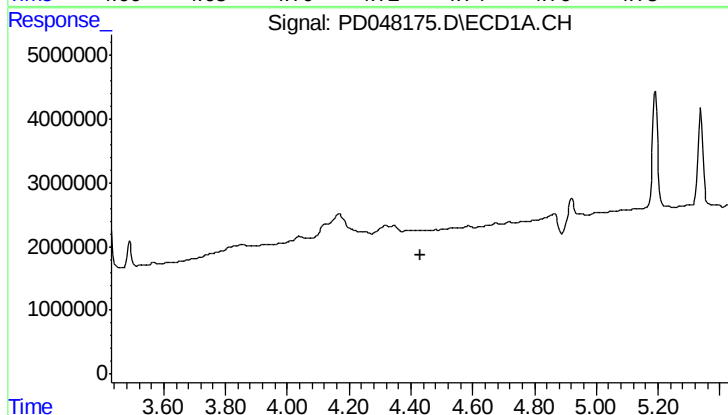
R.T.: 0.000 min  
Exp R.T.: 4.139 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



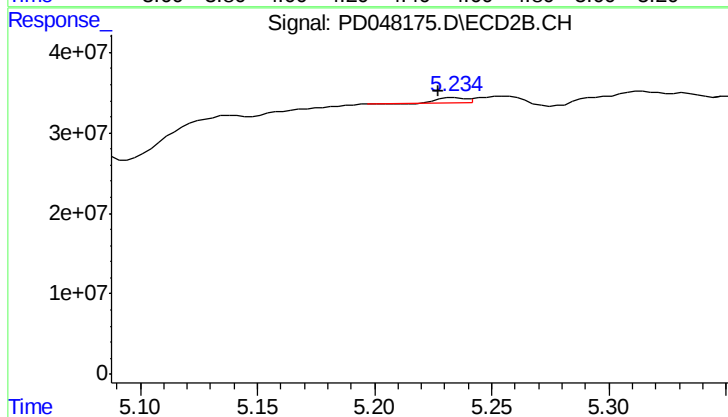
#3 gamma-BHC (Lindane)

R.T.: 4.731 min  
Delta R.T.: 0.022 min  
Response: 2404898  
Conc: 0.09 ng/ml



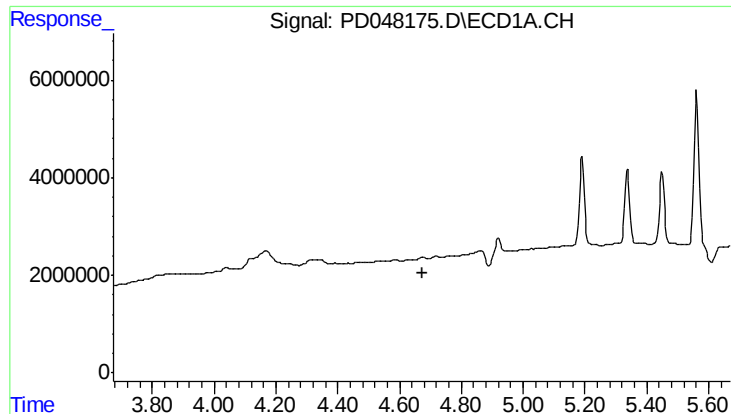
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.430 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

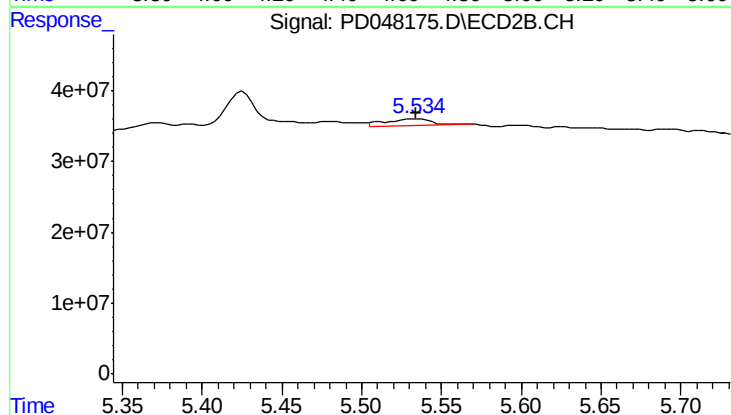
R.T.: 5.235 min  
Delta R.T.: 0.008 min  
Response: 3827695  
Conc: 0.15 ng/ml



#5 Aldrin

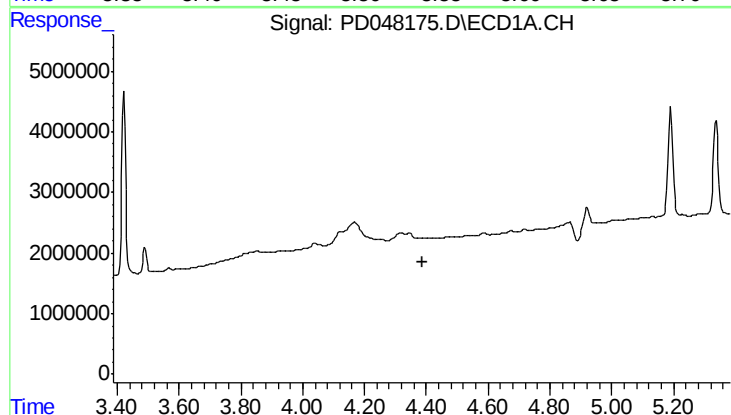
R.T.: 0.000 min  
Exp R.T.: 4.674 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



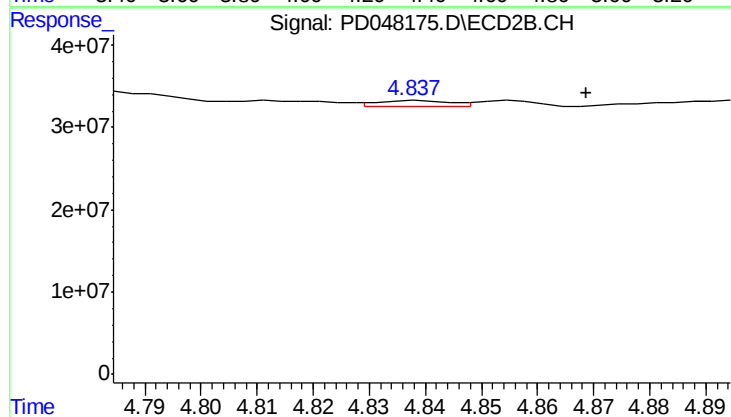
#5 Aldrin

R.T.: 5.535 min  
Delta R.T.: 0.002 min  
Response: 19940974  
Conc: 0.78 ng/ml



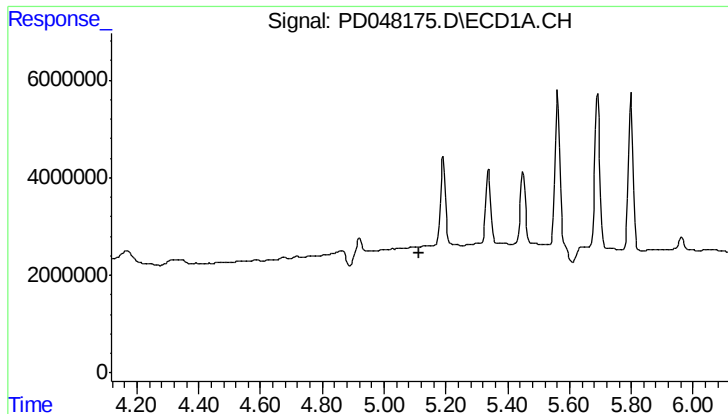
#6 beta-BHC

R.T.: 4.318 min  
Delta R.T.: -0.068 min  
Response: -1037126  
Conc: N.D.



#6 beta-BHC

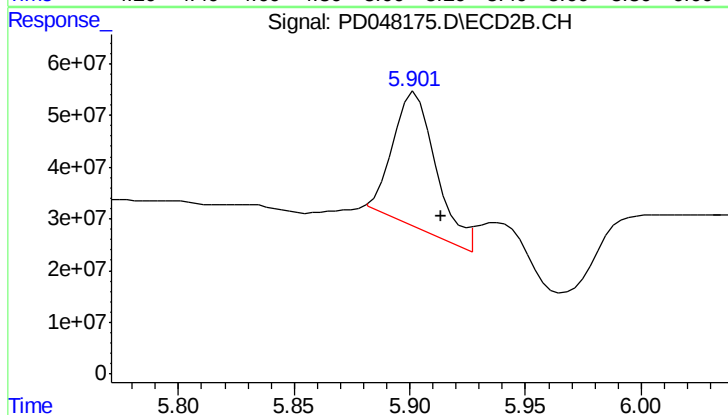
R.T.: 4.839 min  
Delta R.T.: -0.030 min  
Response: 6225891  
Conc: 0.50 ng/ml



#8 Heptachlor epoxide

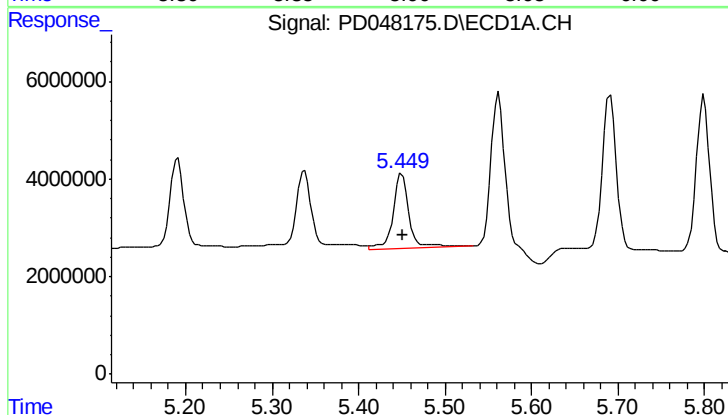
R.T.: 0.000 min  
Exp R.T.: 5.115 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



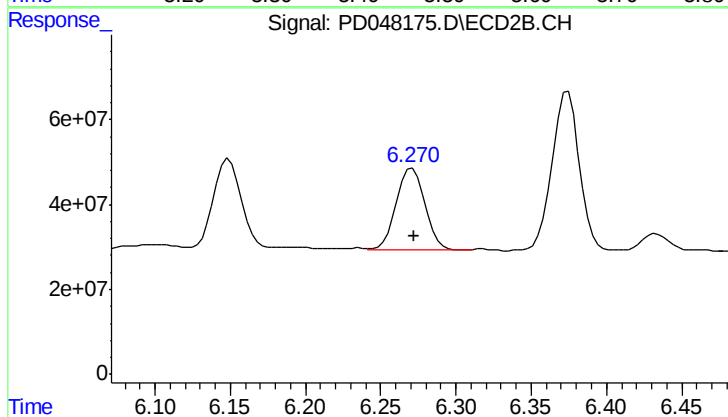
#8 Heptachlor epoxide

R.T.: 5.902 min  
Delta R.T.: -0.011 min  
Response: 338352306  
Conc: 19.15 ng/ml



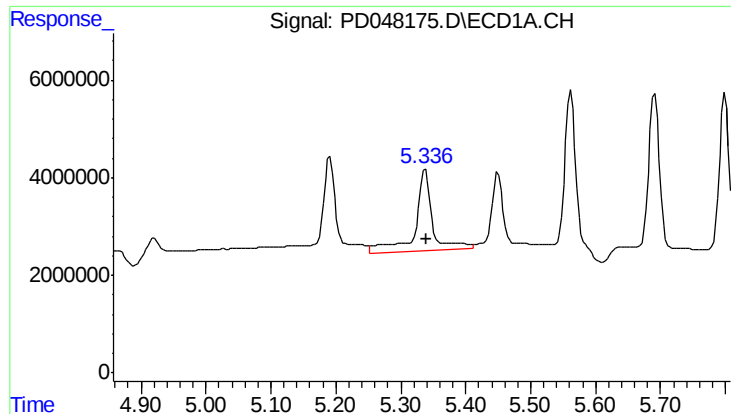
#9 Endosulfan I

R.T.: 5.450 min  
Delta R.T.: 0.000 min  
Response: 19962566  
Conc: 14.11 ng/ml



#9 Endosulfan I

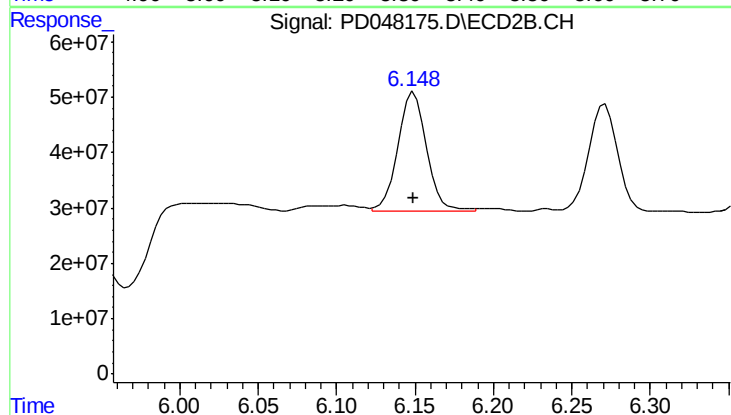
R.T.: 6.271 min  
Delta R.T.: -0.001 min  
Response: 251430583  
Conc: 11.75 ng/ml



#10 gamma-Chlordane

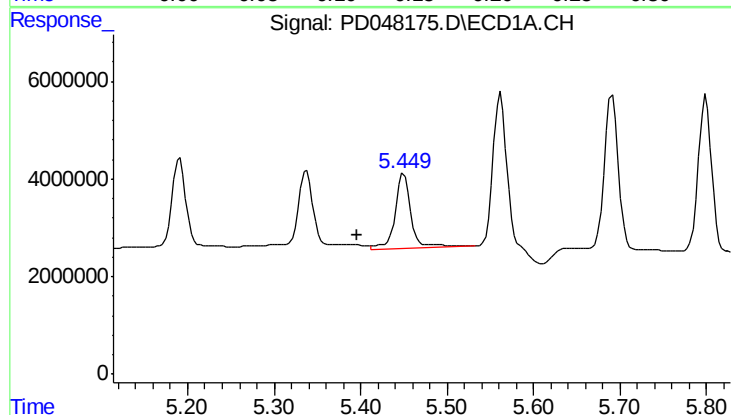
R.T.: 5.338 min  
Delta R.T.: 0.000 min  
Response: 30702085  
Conc: 19.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



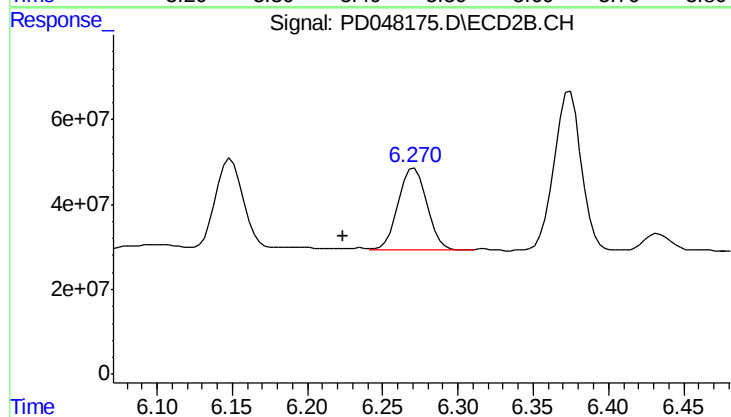
#10 gamma-Chlordane

R.T.: 6.149 min  
Delta R.T.: 0.000 min  
Response: 276348816  
Conc: 11.82 ng/ml



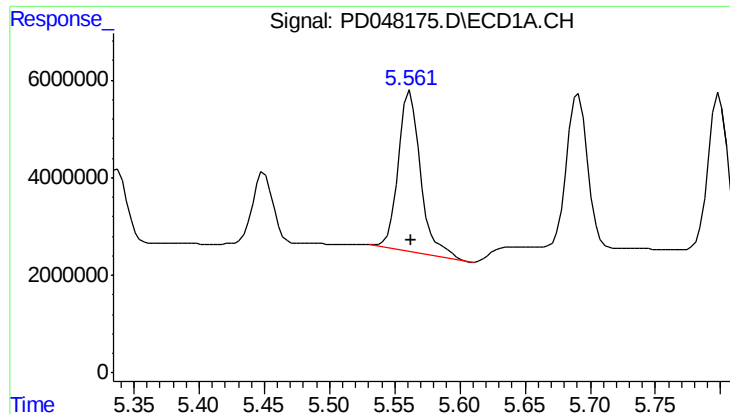
#11 alpha-Chlordane

R.T.: 5.450 min  
Delta R.T.: 0.053 min  
Response: 19962566  
Conc: 13.25 ng/ml



#11 alpha-Chlordane

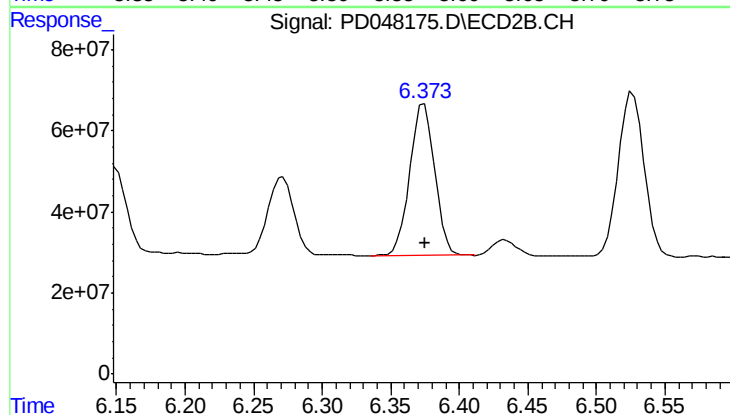
R.T.: 6.271 min  
Delta R.T.: 0.047 min  
Response: 251430583  
Conc: 10.85 ng/ml



#12 4,4'-DDE

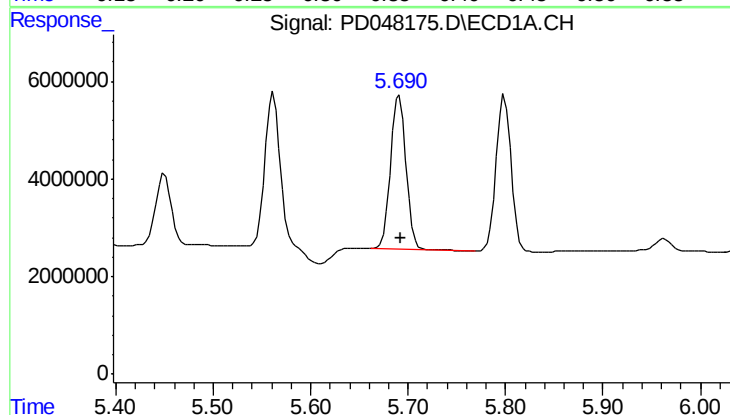
R.T.: 5.562 min  
Delta R.T.: 0.000 min  
Response: 38816428  
Conc: 24.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



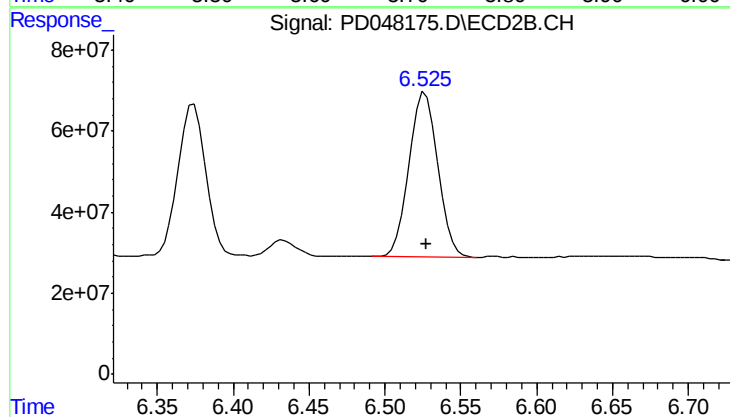
#12 4,4'-DDE

R.T.: 6.374 min  
Delta R.T.: 0.000 min  
Response: 474975521  
Conc: 20.76 ng/ml



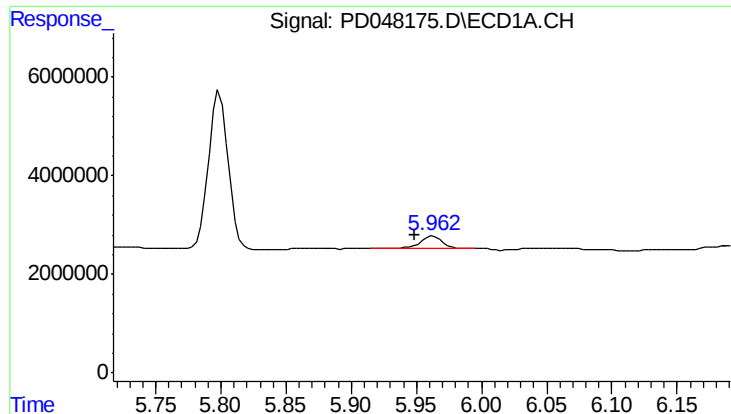
#13 Dieldrin

R.T.: 5.691 min  
Delta R.T.: -0.001 min  
Response: 35464505  
Conc: 21.87 ng/ml



#13 Dieldrin

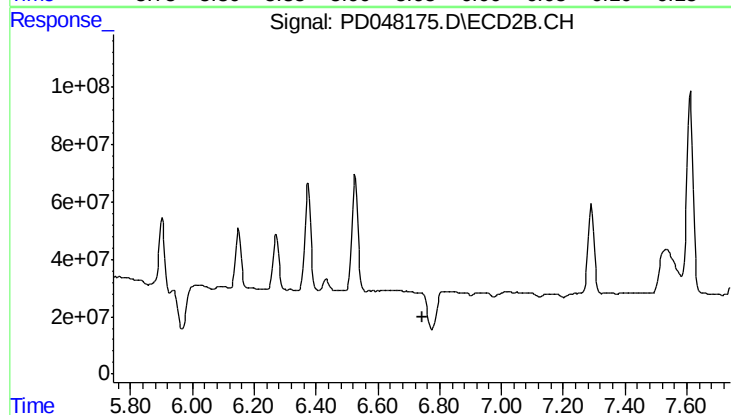
R.T.: 6.527 min  
Delta R.T.: 0.000 min  
Response: 528999857  
Conc: 22.94 ng/ml



#14 Endrin

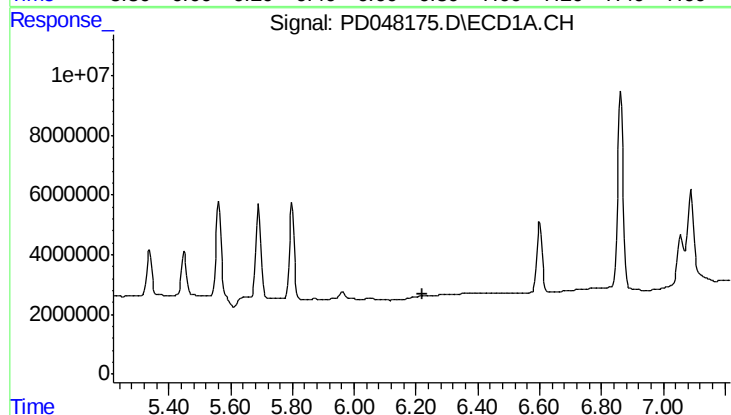
R.T.: 5.963 min  
Delta R.T.: 0.014 min  
Response: 2871426  
Conc: 1.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



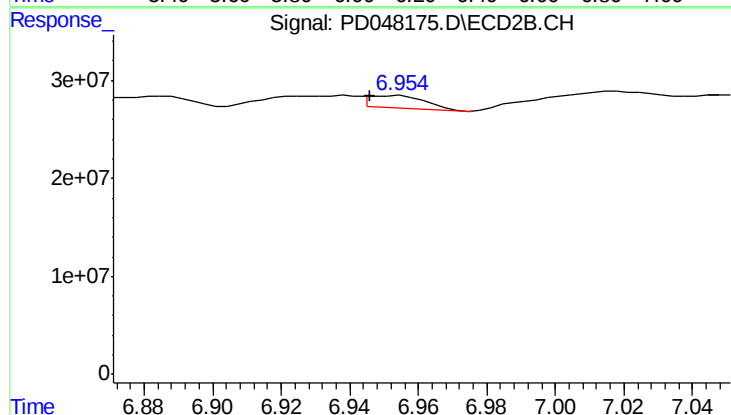
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.744 min  
Response: 0  
Conc: N.D.



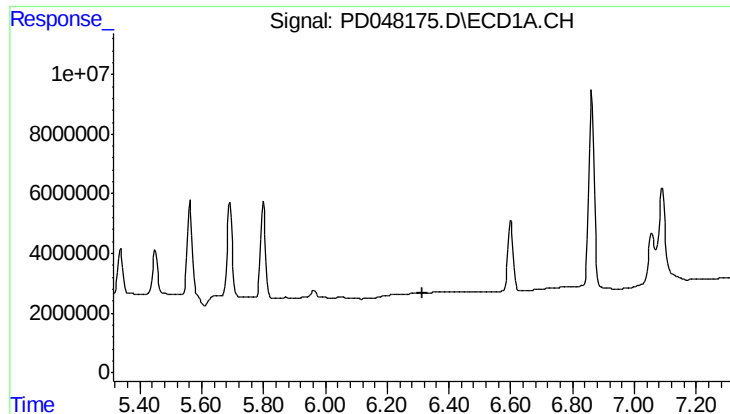
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.221 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

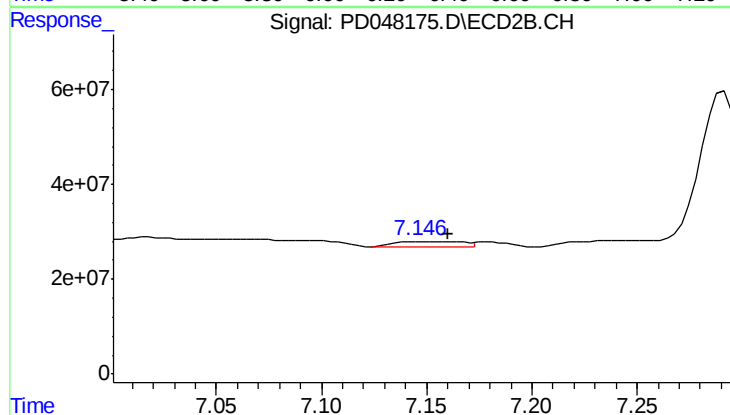
R.T.: 6.953 min  
Delta R.T.: 0.007 min  
Response: 14824560  
Conc: 0.72 ng/ml



#17 4,4'-DDT

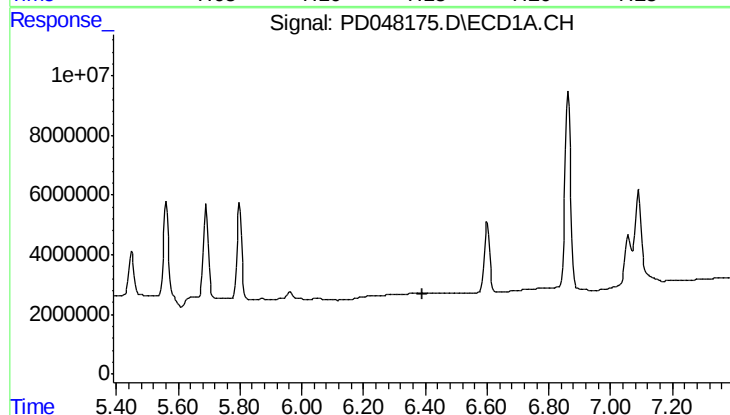
R.T.: 0.000 min  
Exp R.T.: 6.314 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



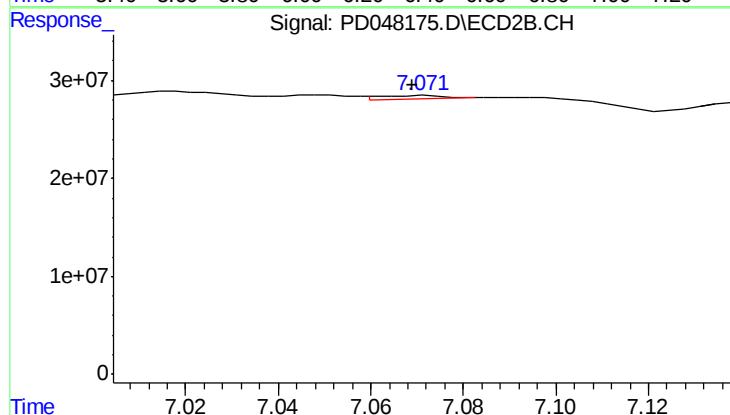
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: -0.013 min  
Response: 23488006  
Conc: 1.25 ng/ml



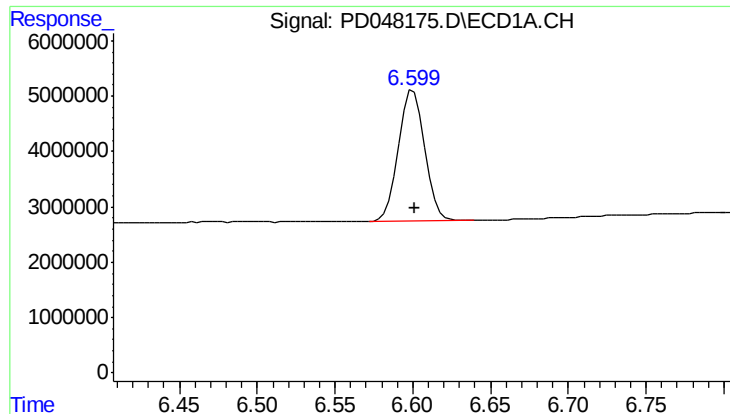
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.390 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

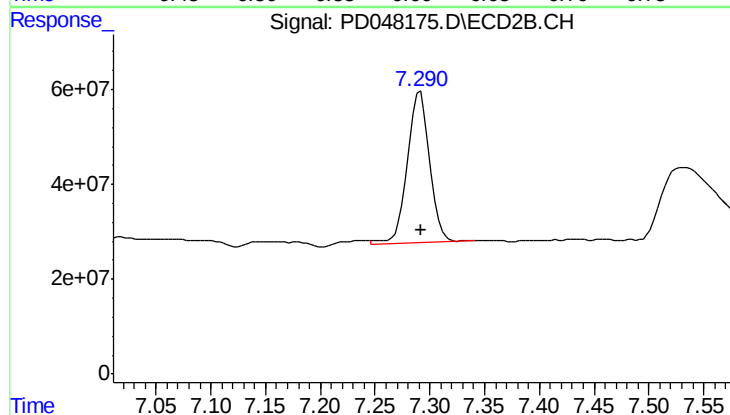
R.T.: 7.072 min  
Delta R.T.: 0.003 min  
Response: 3188946  
Conc: 0.19 ng/ml



#19 Endosulfan Sulfate

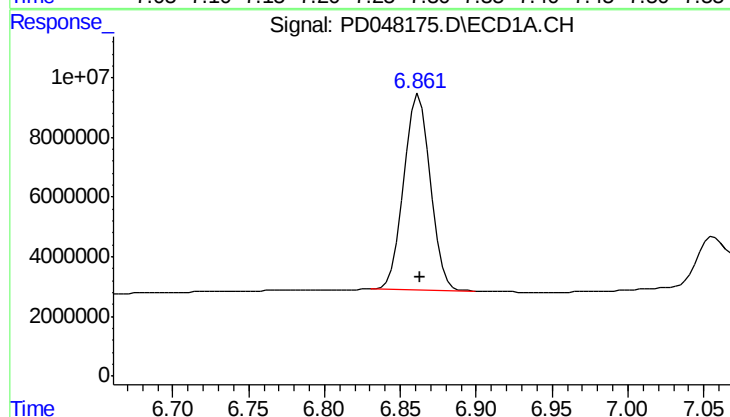
R.T.: 6.600 min  
Delta R.T.: 0.000 min  
Response: 28155357  
Conc: 22.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



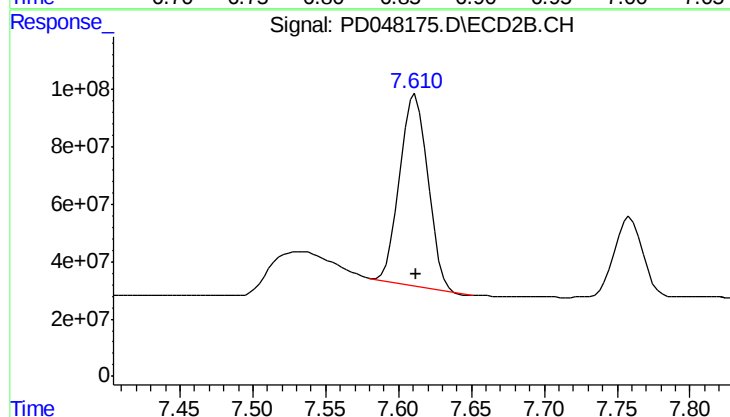
#19 Endosulfan Sulfate

R.T.: 7.291 min  
Delta R.T.: 0.000 min  
Response: 454196289  
Conc: 23.68 ng/ml



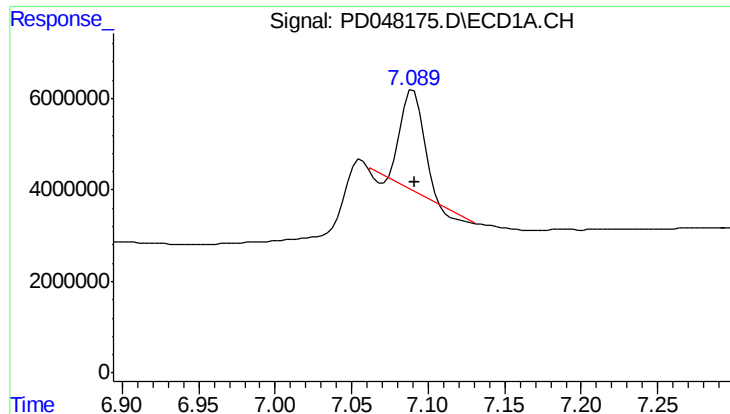
#20 Methoxychlor

R.T.: 6.862 min  
Delta R.T.: 0.000 min  
Response: 79180281  
Conc: 107.66 ng/ml



#20 Methoxychlor

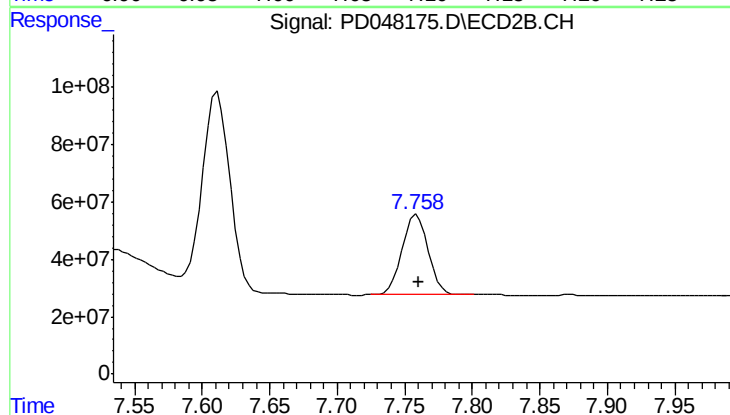
R.T.: 7.612 min  
Delta R.T.: 0.000 min  
Response: 890674756  
Conc: 93.19 ng/ml



#21 Endrin ketone

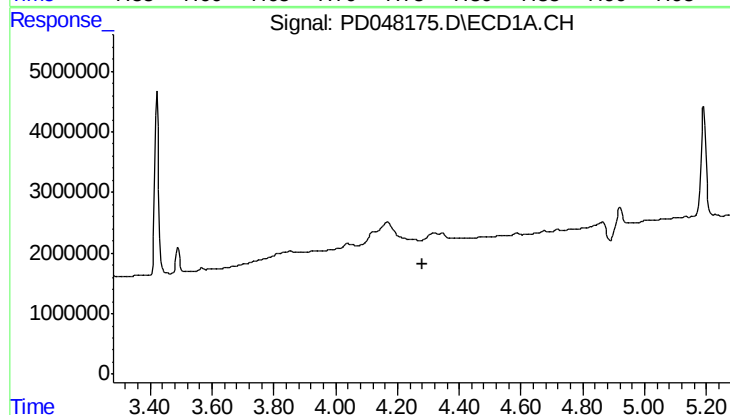
R.T.: 7.090 min  
Delta R.T.: -0.001 min  
Response: 19579613  
Conc: 12.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



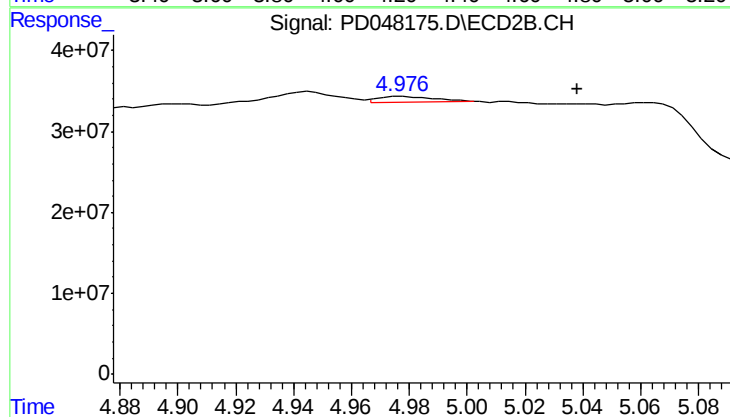
#21 Endrin ketone

R.T.: 7.759 min  
Delta R.T.: -0.002 min  
Response: 376879639  
Conc: 20.04 ng/ml



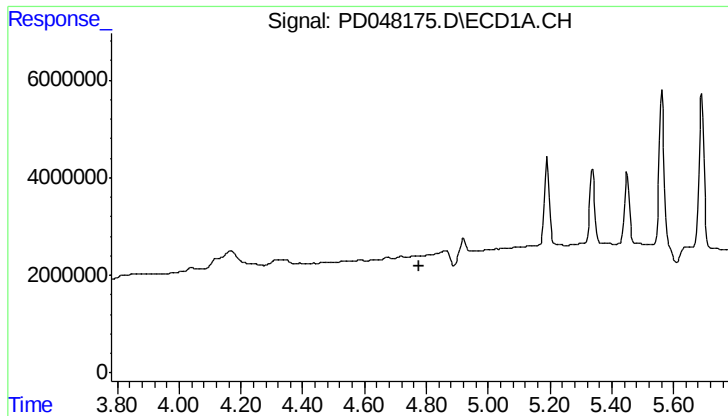
#23 Chlordane-1

R.T.: 4.318 min  
Delta R.T.: 0.038 min  
Response: -1037126  
Conc: N.D.



#23 Chlordane-1

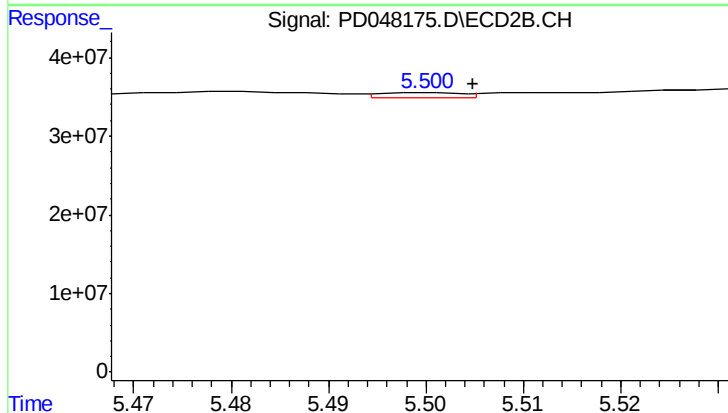
R.T.: 4.978 min  
Delta R.T.: -0.061 min  
Response: 9645953  
Conc: 9.43 ng/ml



#24 Chlordane-2

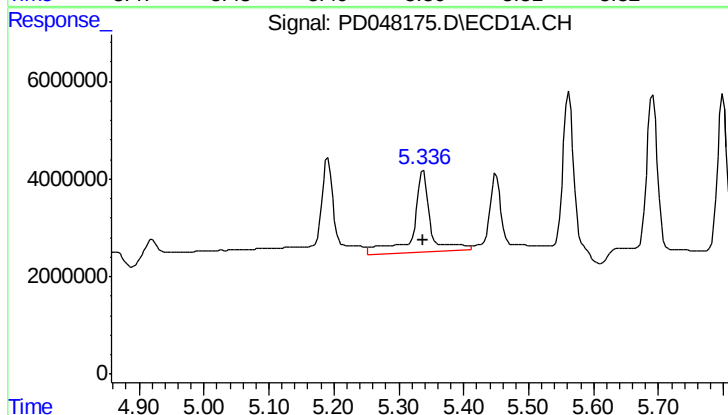
R.T.: 0.000 min  
Exp R.T.: 4.778 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



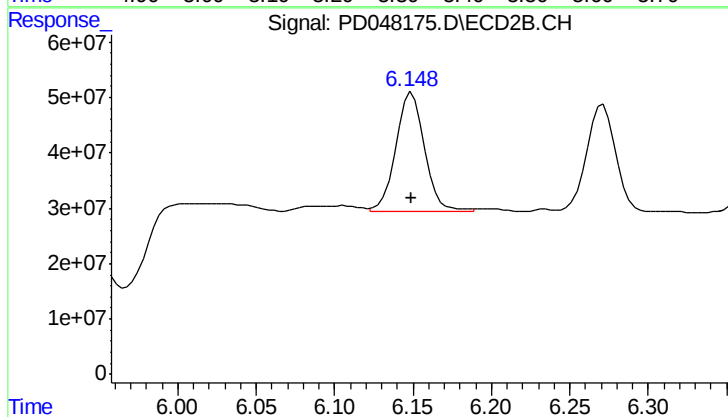
#24 Chlordane-2

R.T.: 5.501 min  
Delta R.T.: -0.004 min  
Response: 3523238  
Conc: 3.40 ng/ml



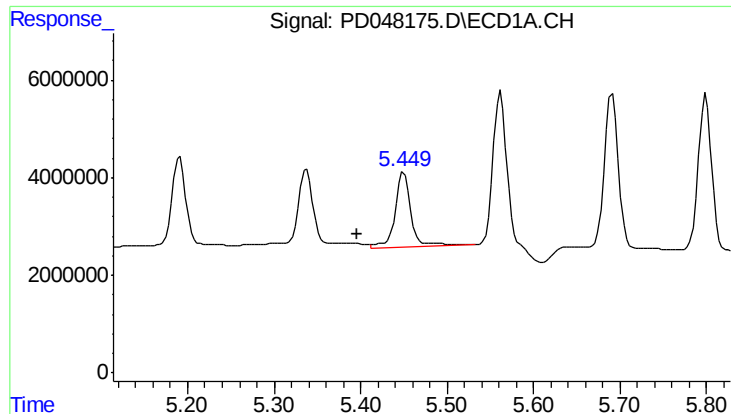
#25 Chlordane-3

R.T.: 5.338 min  
Delta R.T.: 0.000 min  
Response: 30702085  
Conc: 173.82 ng/ml



#25 Chlordane-3

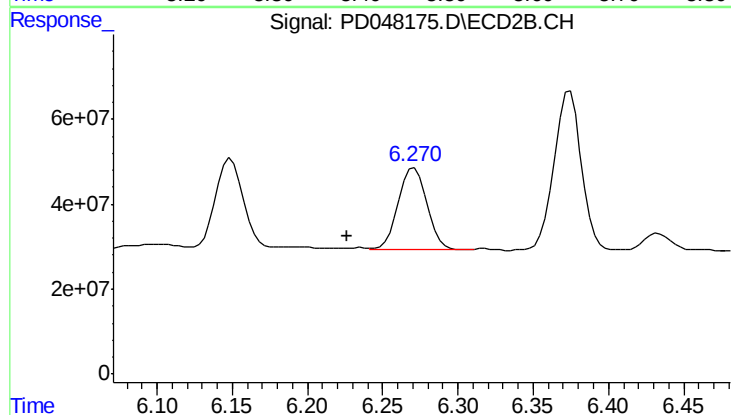
R.T.: 6.149 min  
Delta R.T.: 0.000 min  
Response: 276348816  
Conc: 82.86 ng/ml



#26 Chlordane-4

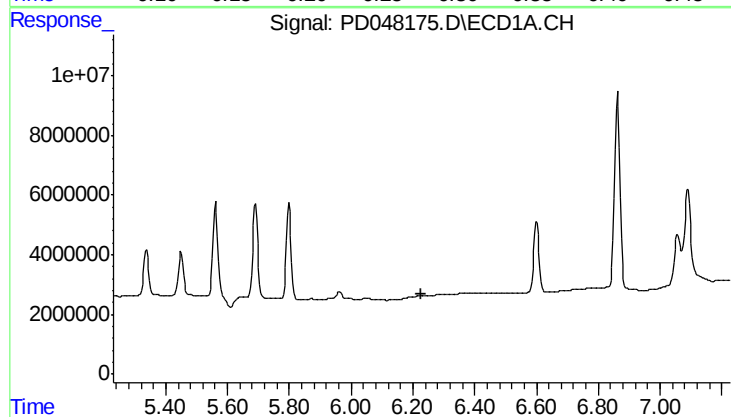
R.T.: 5.450 min  
Delta R.T.: 0.053 min  
Response: 19962566  
Conc: 125.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



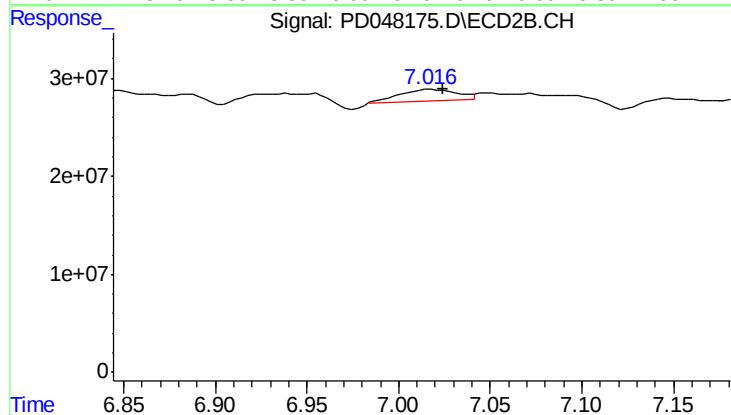
#26 Chlordane-4

R.T.: 6.271 min  
Delta R.T.: 0.045 min  
Response: 251430583  
Conc: 65.08 ng/ml



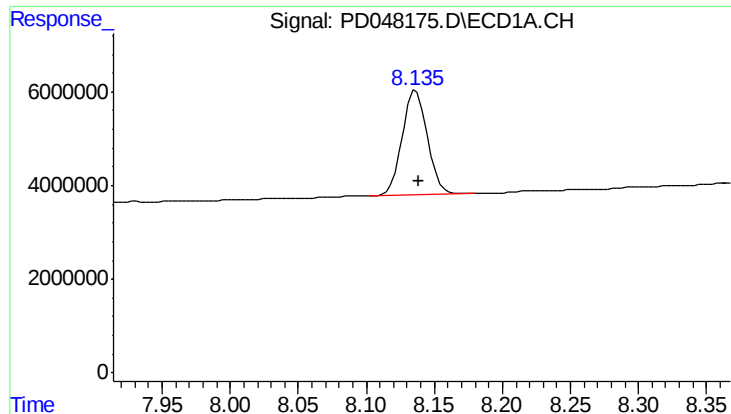
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.229 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

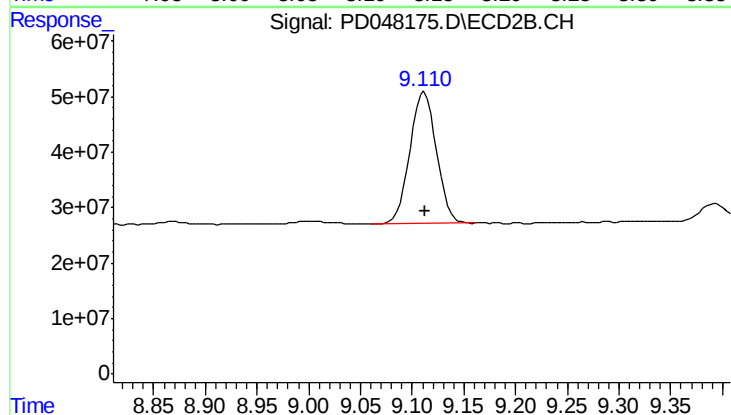
R.T.: 7.017 min  
Delta R.T.: -0.007 min  
Response: 25449768  
Conc: 29.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.137 min  
Delta R.T.: -0.002 min  
Response: 28638268  
Conc: 22.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.112 min  
Delta R.T.: -0.001 min  
Response: 424431650  
Conc: 22.85 ng/ml