

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101621\  
 Data File : PD066306.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Oct 2021 15:11  
 Operator : AR\AJ  
 Sample : M4128-12  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 19 00:47:46 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101621CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 18 23:41:41 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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

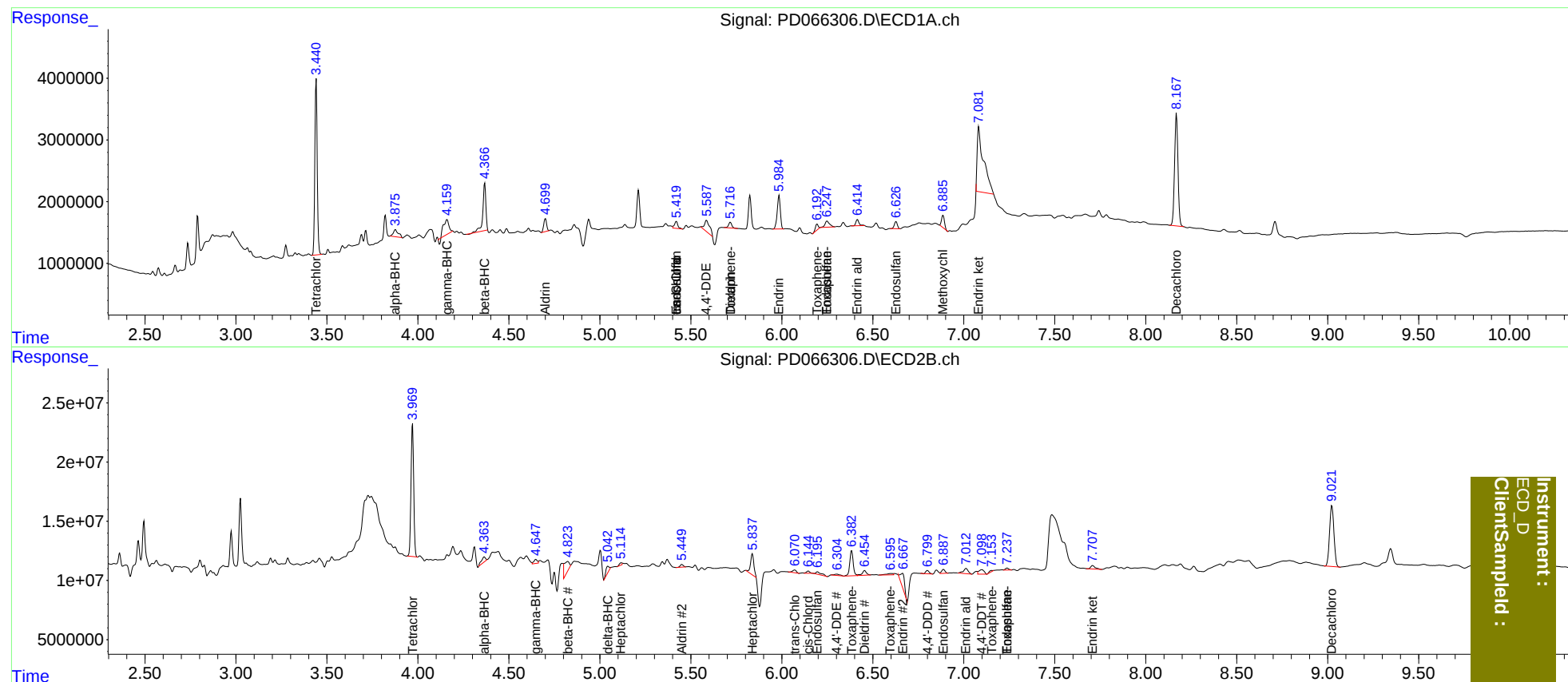
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|-----------|
| -----                       |                 |        |        |          |          |        |           |
| System Monitoring Compounds |                 |        |        |          |          |        |           |
| 1)                          | SA Tetrachlo... | 3.441  | 3.971  | 25902807 | 115.7E6  | 12.686 | 12.987    |
| 27)                         | SA Decachlor... | 8.169  | 9.023  | 23592728 | 86034543 | 17.353 | 18.117    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 3.876  | 4.365  | 2200054  | 6814837  | 0.705  | 0.587     |
| 3)                          | MA gamma-BHC... | 4.160  | 4.648  | 4876801  | 4416341  | 1.580  | 0.400 #   |
| 4)                          | MA Heptachlor   | 0.000  | 5.117f | 0        | 2005885  | N.D.   | 0.198     |
| 5)                          | MB Aldrin       | 4.701  | 5.451  | 2270974  | 2736893  | 0.738  | 0.271 #   |
| 6)                          | B beta-BHC      | 4.367f | 4.824  | 9034408  | 18201750 | 6.785  | 3.496 #   |
| 7)                          | B delta-BHC     | 0.000  | 5.044  | 0        | 6700973  | N.D.   | 0.689     |
| 8)                          | B Heptachlo...  | 0.000  | 5.838  | 0        | 21972020 | N.D.   | 2.736     |
| 9)                          | A Endosulfan I  | 5.420f | 6.196  | 1523797  | 4530987  | 0.603  | 0.537     |
| 10)                         | B trans-Chl...  | 5.420f | 6.071  | 1523797  | 3384414  | 0.556  | 0.374 #   |
| 11)                         | B cis-Chlor...  | 5.420  | 6.146  | 1523797  | 2375783  | 0.568  | 0.268 #   |
| 12)                         | B 4,4'-DDE      | 5.586  | 6.303  | 3667193  | 2325922  | 1.451  | 0.293 #   |
| 13)                         | MA Dieldrin     | 5.717  | 6.455  | 1162100  | 6395763  | 0.433  | 0.757 #   |
| 14)                         | MA Endrin       | 5.985  | 6.663  | 6472779  | 19798082 | 2.723  | 3.741 #   |
| 15)                         | B Endosulfa...  | 6.249  | 6.889  | 1735955  | 4401472  | 0.773  | 0.618     |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.800  | 0        | 3454310  | N.D.   | 0.518     |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.099  | 0        | 7713483  | N.D.   | 1.176     |
| 18)                         | B Endrin al...  | 6.416  | 7.013  | 1179483  | 8239520  | 0.753  | 1.554 #   |
| 19)                         | B Endosulfa...  | 6.628  | 7.238  | 1333079  | 2049554  | 0.672  | 0.311 #   |
| 20)                         | A Methoxychlor  | 6.886  | 0.000  | 2282923  | 0        | 2.202  | N.D. #    |
| 21)                         | B Endrin ke...  | 7.082f | 7.708  | 25563582 | 4761860  | 11.070 | 0.664 #   |
| 22)                         | Toxaphene-1     | 5.717  | 6.384  | 1162100  | 27987862 | 69.359 | 759.533 # |
| 23)                         | Toxaphene-2     | 6.194  | 6.598  | 974135   | 2935517  | 57.364 | 46.702    |
| 24)                         | Toxaphene-3     | 6.249  | 7.154  | 1735955  | 1378325  | 43.644 | 12.711 #  |
| 25)                         | Toxaphene-4     | 0.000  | 7.238  | 0        | 2049554  | N.D.   | 18.810    |
| -----                       |                 |        |        |          |          |        |           |

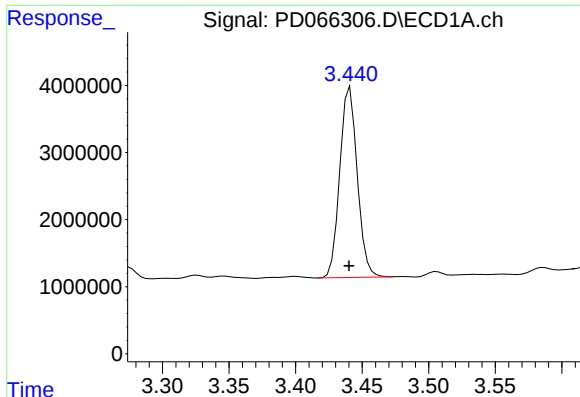
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101621\  
Data File : PD066306.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Oct 2021 15:11  
Operator : AR\AJ  
Sample : M4128-12  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 19 00:47:46 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101621CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 18 23:41:41 2021  
Response via : Initial Calibration  
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Volume Inj. : 1 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

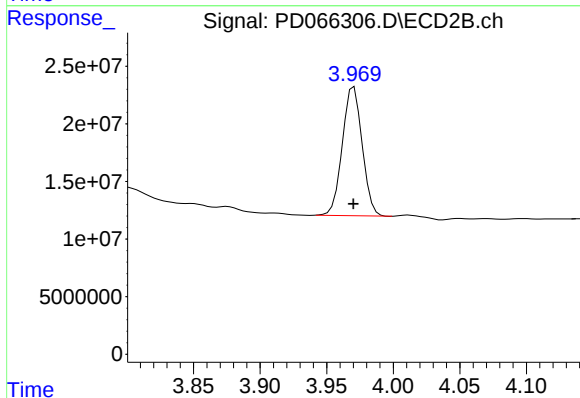




#1 Tetrachloro-m-xylene

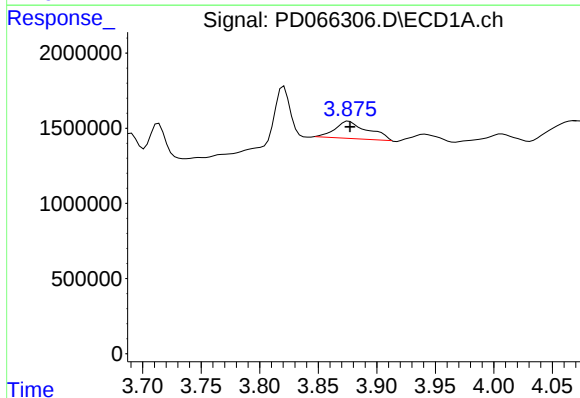
R.T.: 3.441 min  
Delta R.T.: 0.000 min  
Response: 25902807  
Conc: 12.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



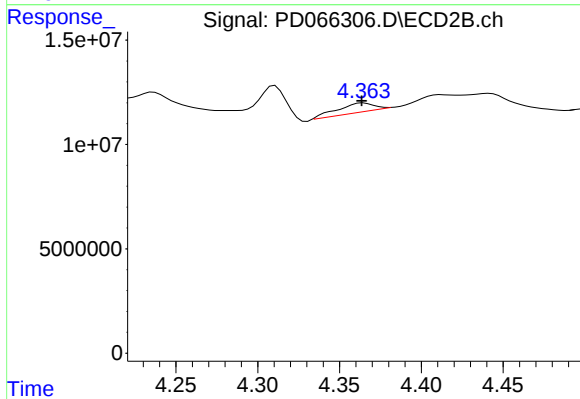
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: 0.000 min  
Response: 115737657  
Conc: 12.99 ng/ml



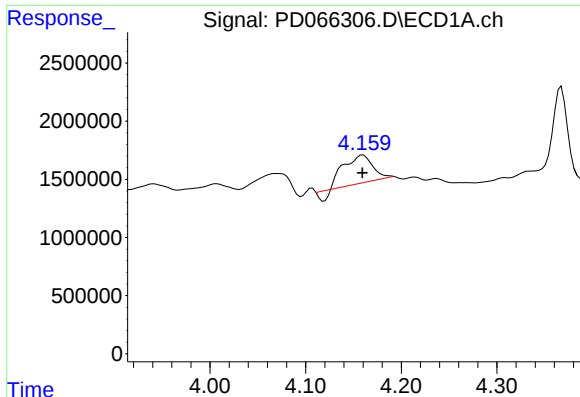
#2 alpha-BHC

R.T.: 3.876 min  
Delta R.T.: 0.000 min  
Response: 2200054  
Conc: 0.71 ng/ml



#2 alpha-BHC

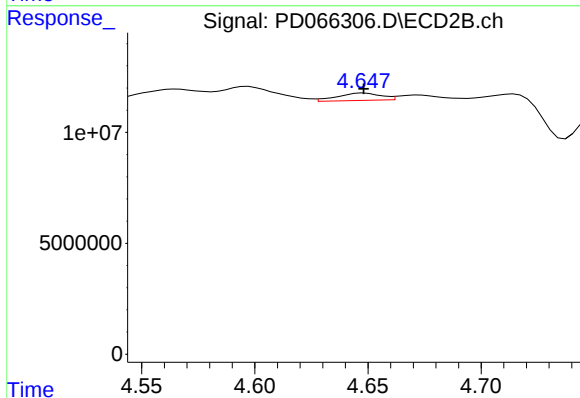
R.T.: 4.365 min  
Delta R.T.: 0.001 min  
Response: 6814837  
Conc: 0.59 ng/ml



#3 gamma-BHC (Lindane)

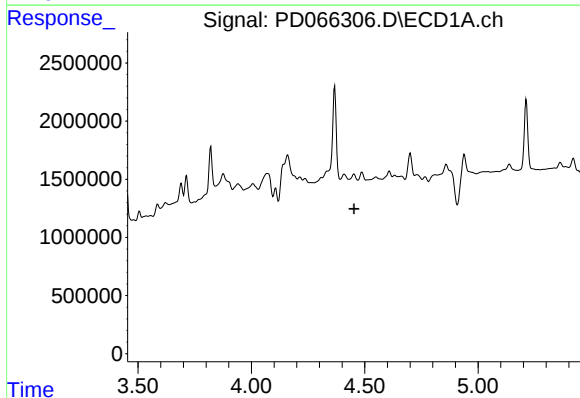
R.T.: 4.160 min  
Delta R.T.: 0.000 min  
Response: 4876801  
Conc: 1.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



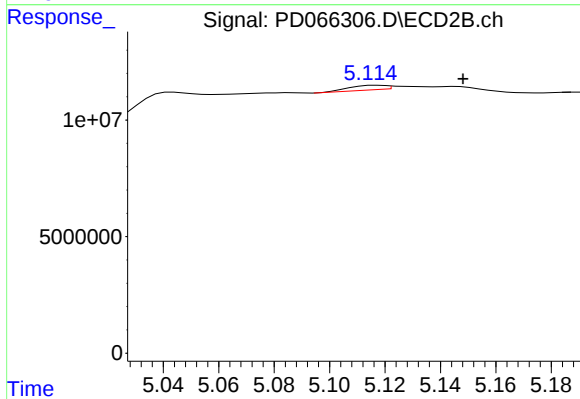
#3 gamma-BHC (Lindane)

R.T.: 4.648 min  
Delta R.T.: 0.000 min  
Response: 4416341  
Conc: 0.40 ng/ml



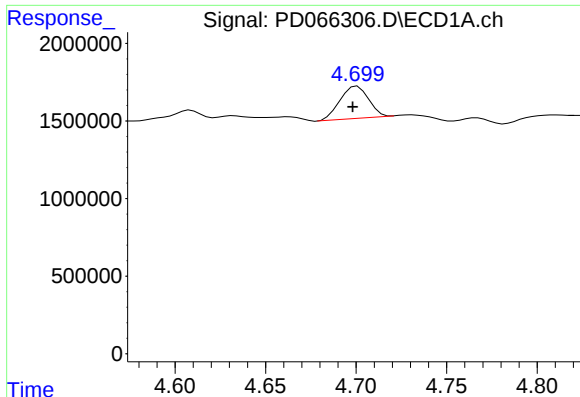
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.453 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

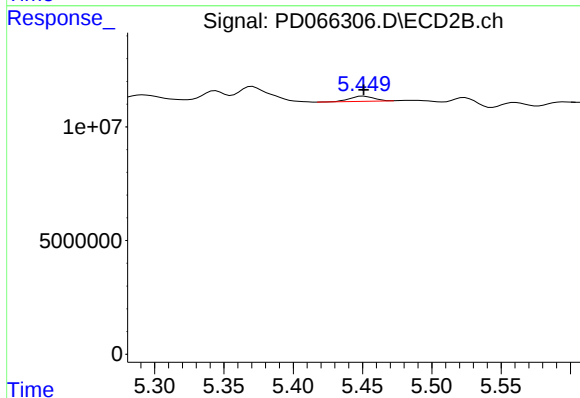
R.T.: 5.117 min  
Delta R.T.: -0.031 min  
Response: 2005885  
Conc: 0.20 ng/ml



#5 Aldrin

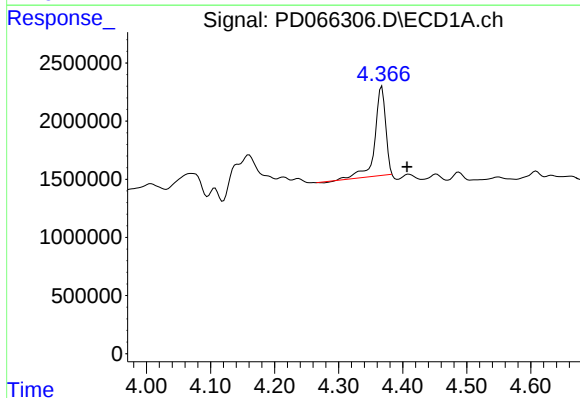
R.T.: 4.701 min  
Delta R.T.: 0.003 min  
Response: 2270974  
Conc: 0.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



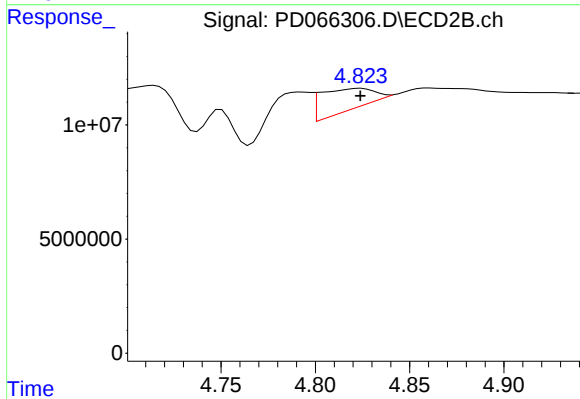
#5 Aldrin

R.T.: 5.451 min  
Delta R.T.: 0.000 min  
Response: 2736893  
Conc: 0.27 ng/ml



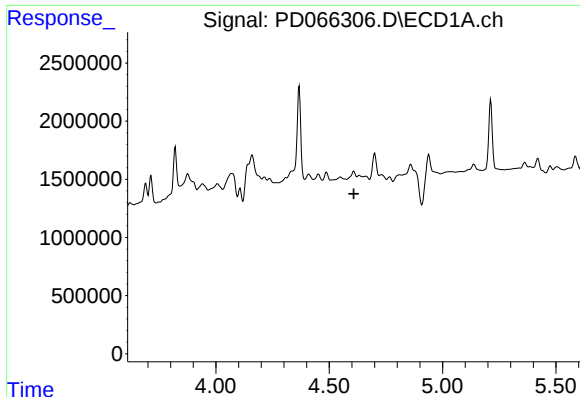
#6 beta-BHC

R.T.: 4.367 min  
Delta R.T.: -0.039 min  
Response: 9034408  
Conc: 6.78 ng/ml



#6 beta-BHC

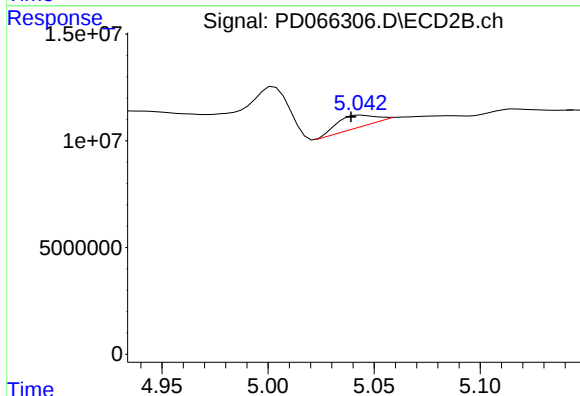
R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 18201750  
Conc: 3.50 ng/ml



#7 delta-BHC

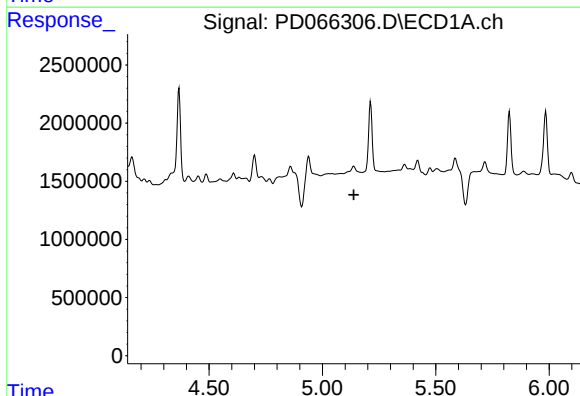
R.T.: 0.000 min  
Exp R.T.: 4.609 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



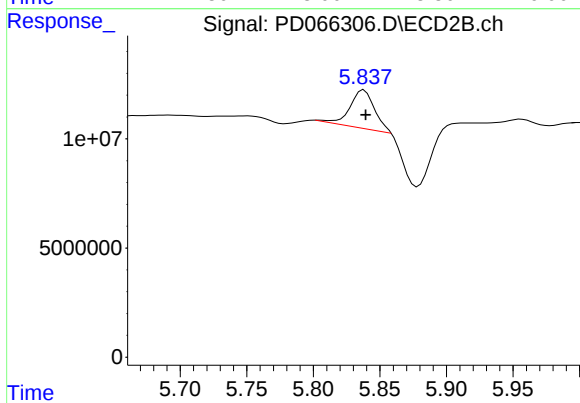
#7 delta-BHC

R.T.: 5.044 min  
Delta R.T.: 0.005 min  
Response: 6700973  
Conc: 0.69 ng/ml



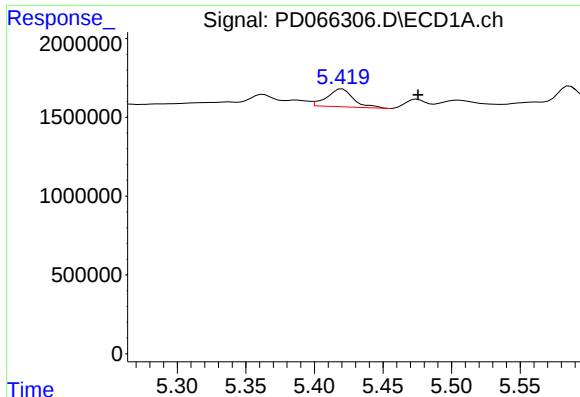
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.139 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

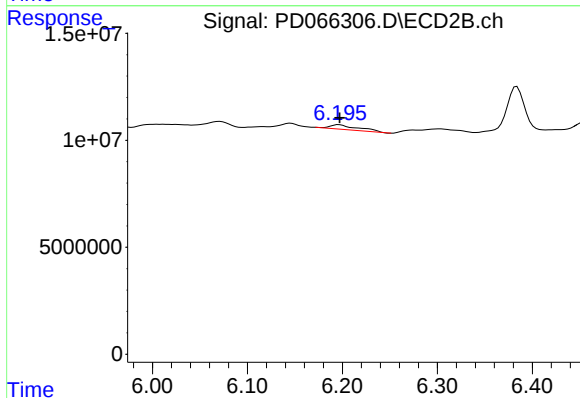
R.T.: 5.838 min  
Delta R.T.: -0.001 min  
Response: 21972020  
Conc: 2.74 ng/ml



#9 Endosulfan I

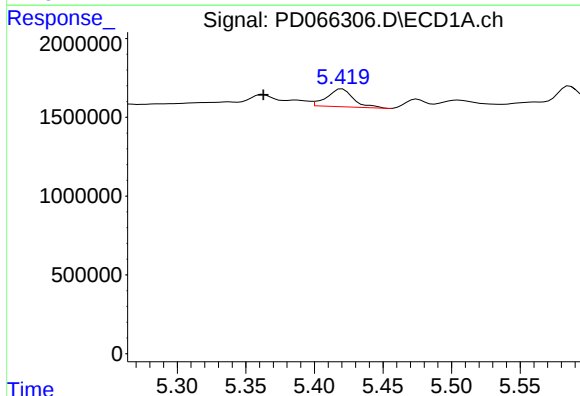
R.T.: 5.420 min  
Delta R.T.: -0.055 min  
Response: 1523797  
Conc: 0.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



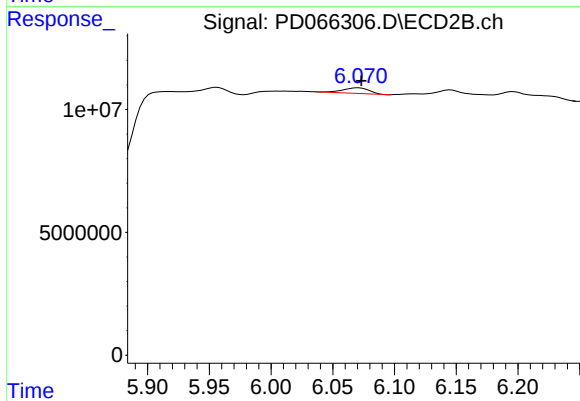
#9 Endosulfan I

R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 4530987  
Conc: 0.54 ng/ml



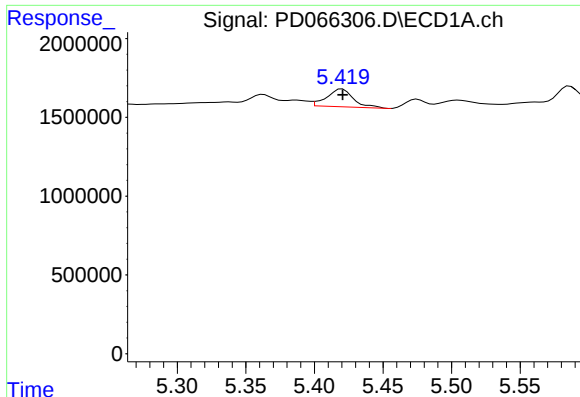
#10 trans-Chlordane

R.T.: 5.420 min  
Delta R.T.: 0.058 min  
Response: 1523797  
Conc: 0.56 ng/ml



#10 trans-Chlordane

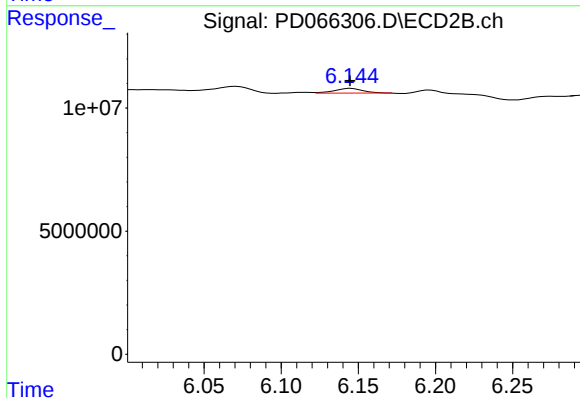
R.T.: 6.071 min  
Delta R.T.: -0.002 min  
Response: 3384414  
Conc: 0.37 ng/ml



#11 cis-Chlordane

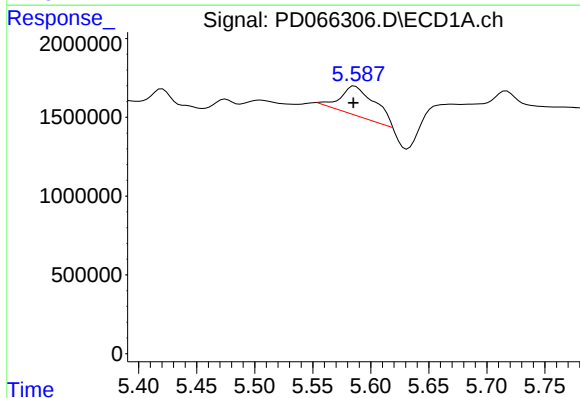
R.T.: 5.420 min  
Delta R.T.: 0.000 min  
Response: 1523797  
Conc: 0.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



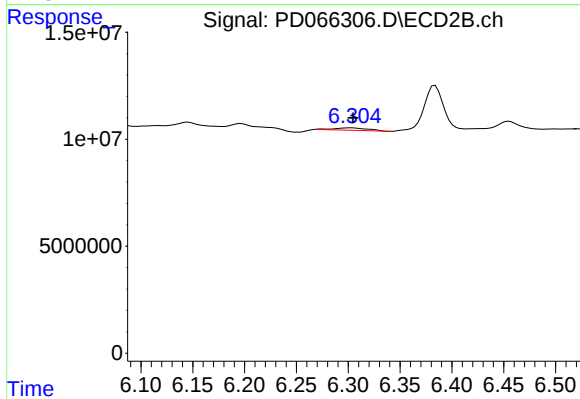
#11 cis-Chlordane

R.T.: 6.146 min  
Delta R.T.: 0.000 min  
Response: 2375783  
Conc: 0.27 ng/ml



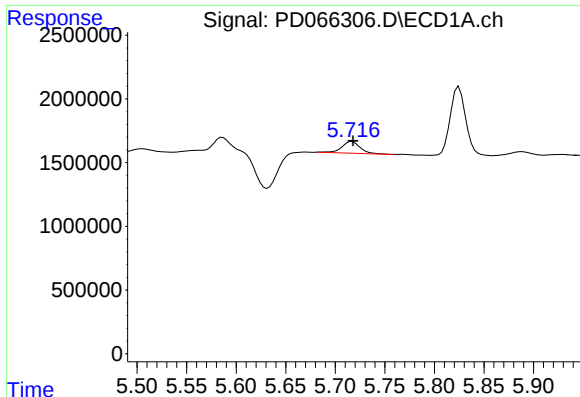
#12 4,4'-DDE

R.T.: 5.586 min  
Delta R.T.: 0.001 min  
Response: 3667193  
Conc: 1.45 ng/ml



#12 4,4'-DDE

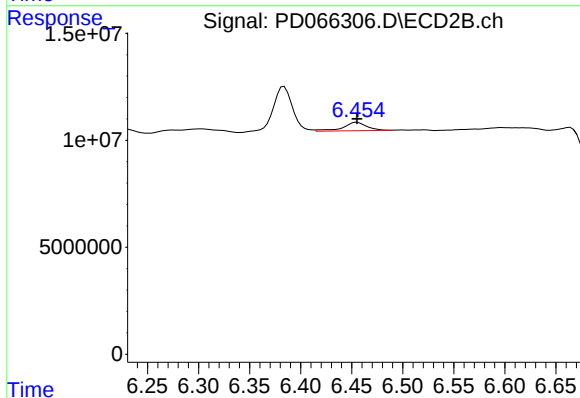
R.T.: 6.303 min  
Delta R.T.: -0.002 min  
Response: 2325922  
Conc: 0.29 ng/ml



#13 Dieldrin

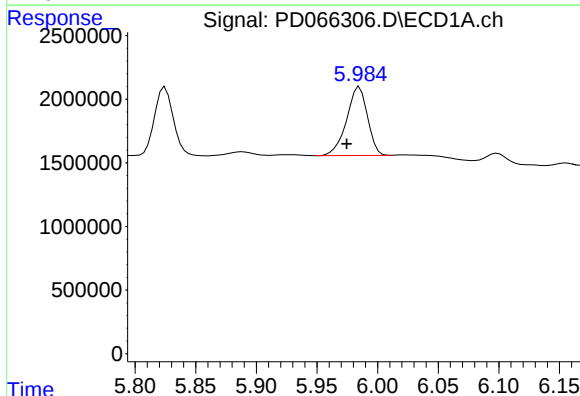
R.T.: 5.717 min  
Delta R.T.: 0.000 min  
Response: 1162100  
Conc: 0.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



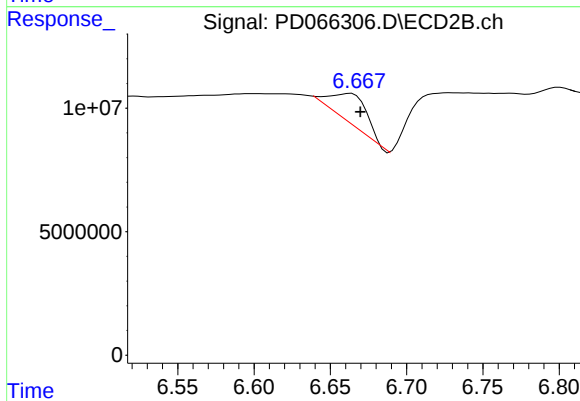
#13 Dieldrin

R.T.: 6.455 min  
Delta R.T.: 0.000 min  
Response: 6395763  
Conc: 0.76 ng/ml



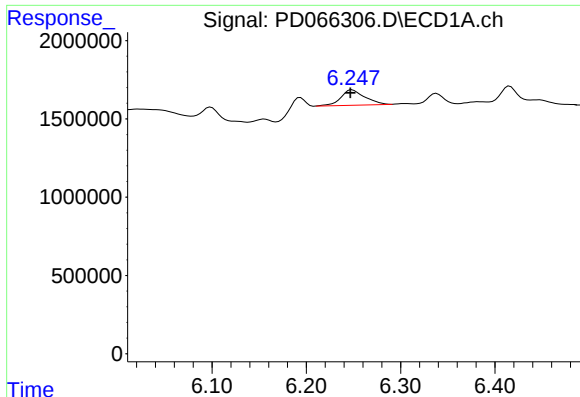
#14 Endrin

R.T.: 5.985 min  
Delta R.T.: 0.010 min  
Response: 6472779  
Conc: 2.72 ng/ml



#14 Endrin

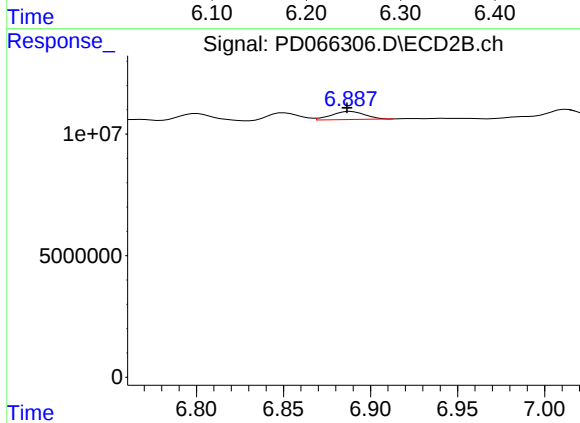
R.T.: 6.663 min  
Delta R.T.: -0.006 min  
Response: 19798082  
Conc: 3.74 ng/ml



#15 Endosulfan II

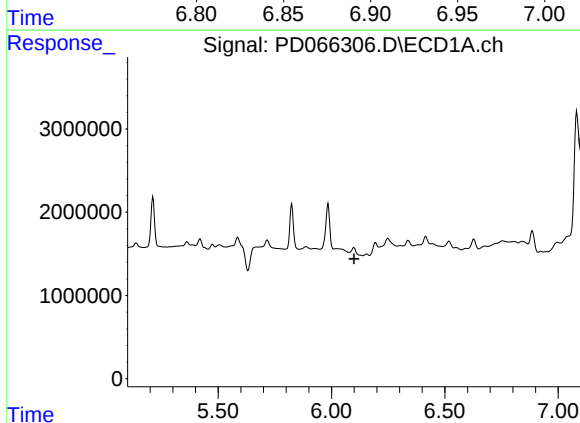
R.T.: 6.249 min  
Delta R.T.: 0.002 min  
Response: 1735955  
Conc: 0.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



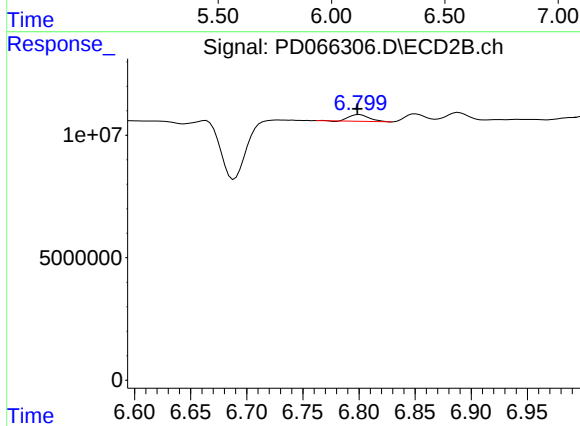
#15 Endosulfan II

R.T.: 6.889 min  
Delta R.T.: 0.002 min  
Response: 4401472  
Conc: 0.62 ng/ml



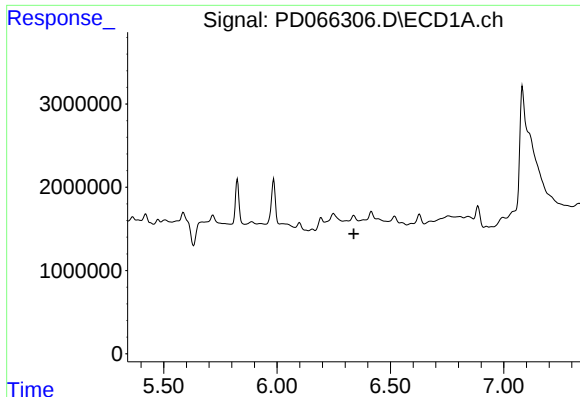
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.100 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

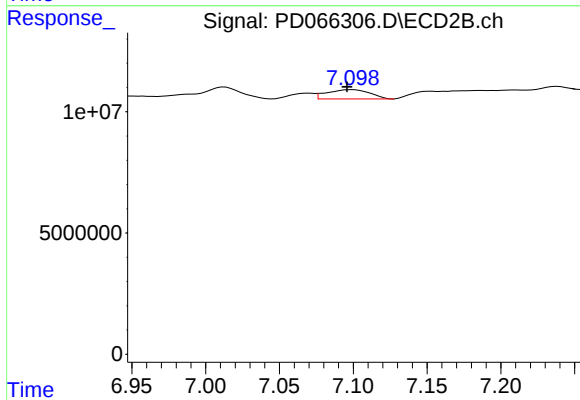
R.T.: 6.800 min  
Delta R.T.: 0.002 min  
Response: 3454310  
Conc: 0.52 ng/ml



#17 4,4'-DDT

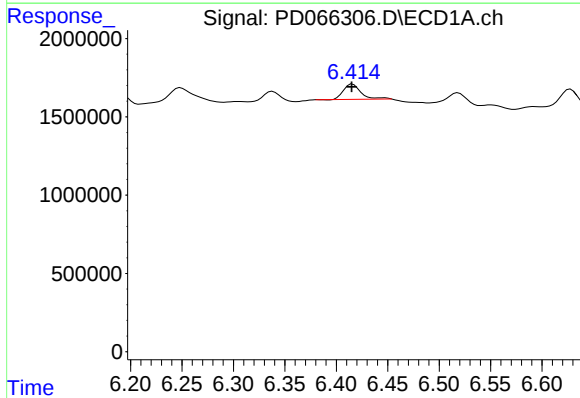
R.T.: 0.000 min  
Exp R.T.: 6.338 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



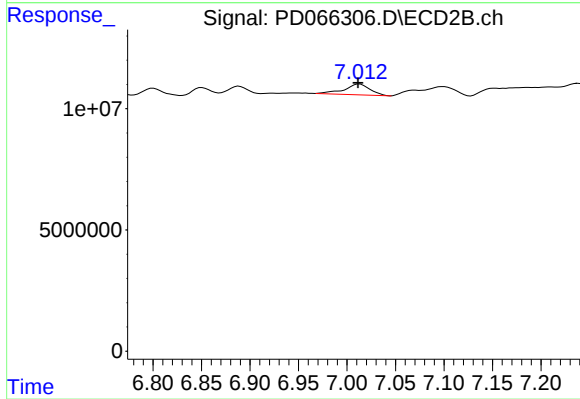
#17 4,4'-DDT

R.T.: 7.099 min  
Delta R.T.: 0.003 min  
Response: 7713483  
Conc: 1.18 ng/ml



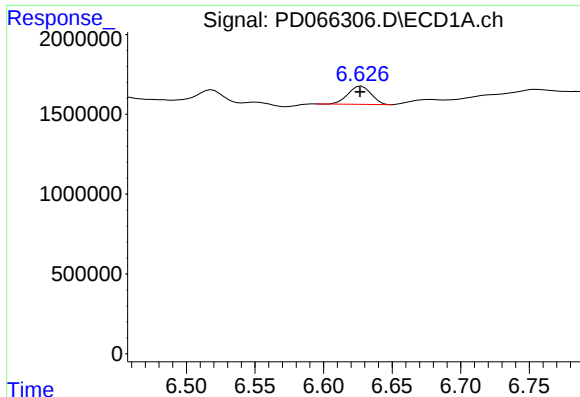
#18 Endrin aldehyde

R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 1179483  
Conc: 0.75 ng/ml



#18 Endrin aldehyde

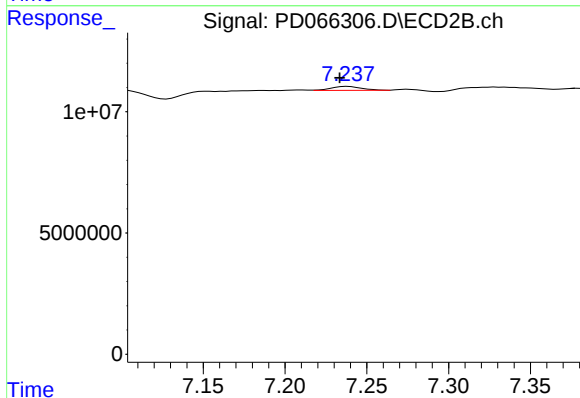
R.T.: 7.013 min  
Delta R.T.: 0.002 min  
Response: 8239520  
Conc: 1.55 ng/ml



#19 Endosulfan Sulfate

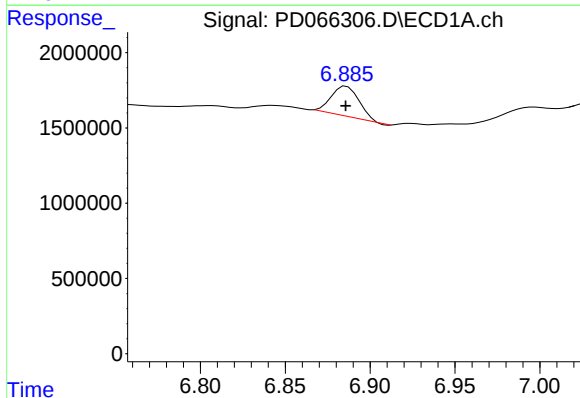
R.T.: 6.628 min  
Delta R.T.: 0.001 min  
Response: 1333079  
Conc: 0.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



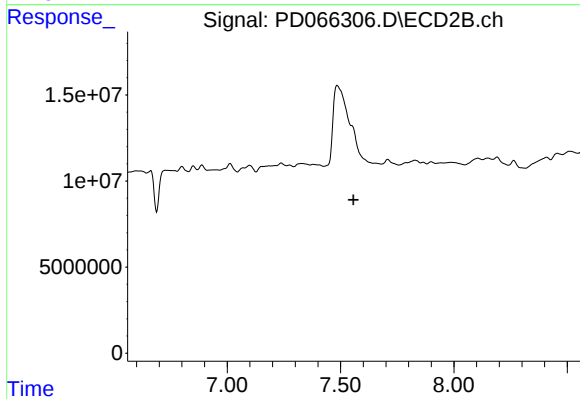
#19 Endosulfan Sulfate

R.T.: 7.238 min  
Delta R.T.: 0.005 min  
Response: 2049554  
Conc: 0.31 ng/ml



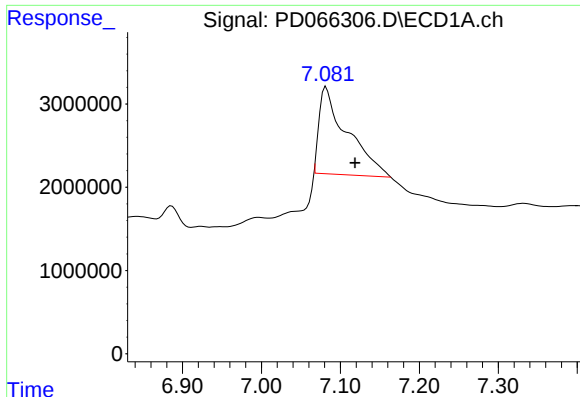
#20 Methoxychlor

R.T.: 6.886 min  
Delta R.T.: 0.000 min  
Response: 2282923  
Conc: 2.20 ng/ml



#20 Methoxychlor

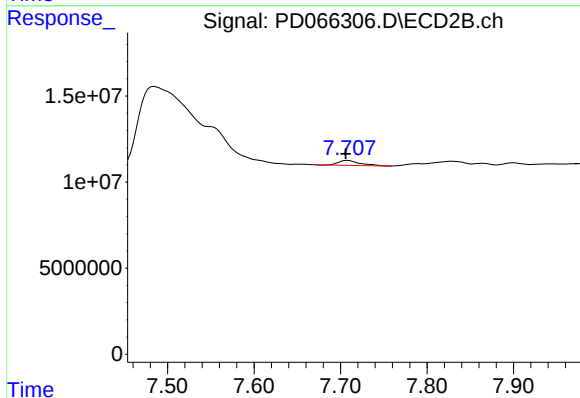
R.T.: 0.000 min  
Exp R.T.: 7.557 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

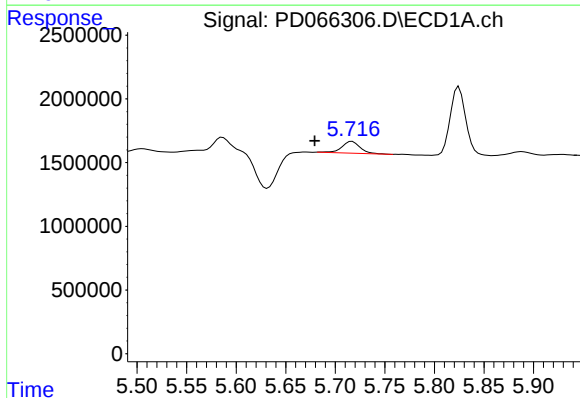
R.T.: 7.082 min  
Delta R.T.: -0.037 min  
Response: 25563582  
Conc: 11.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



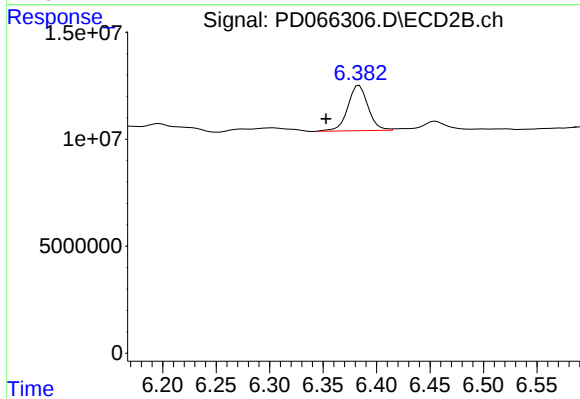
#21 Endrin ketone

R.T.: 7.708 min  
Delta R.T.: 0.002 min  
Response: 4761860  
Conc: 0.66 ng/ml



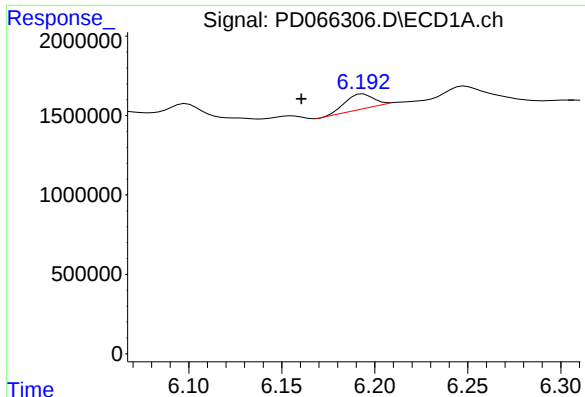
#22 Toxaphene-1

R.T.: 5.717 min  
Delta R.T.: 0.038 min  
Response: 1162100  
Conc: 69.36 ng/ml



#22 Toxaphene-1

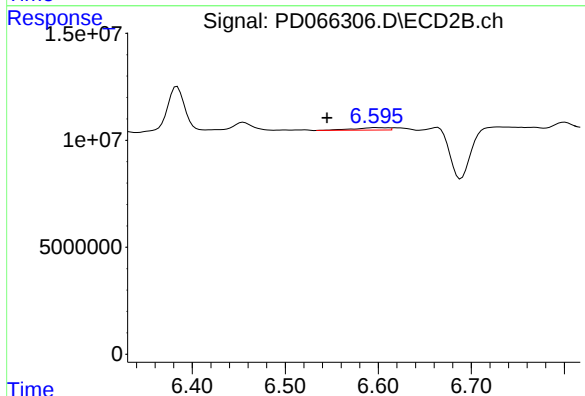
R.T.: 6.384 min  
Delta R.T.: 0.031 min  
Response: 27987862  
Conc: 759.53 ng/ml



#23 Toxaphene-2

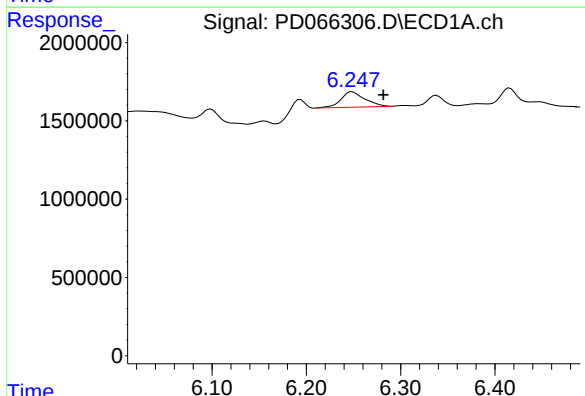
R.T.: 6.194 min  
Delta R.T.: 0.033 min  
Response: 974135  
Conc: 57.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



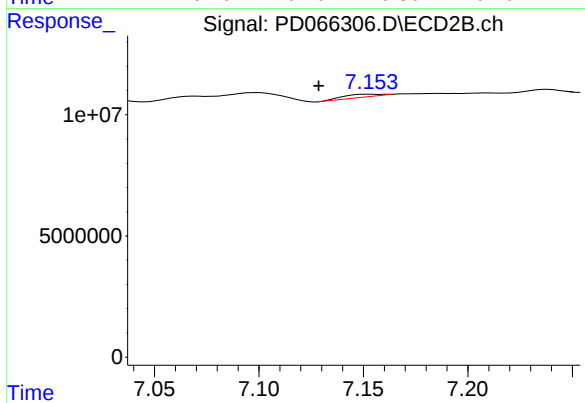
#23 Toxaphene-2

R.T.: 6.598 min  
Delta R.T.: 0.053 min  
Response: 2935517  
Conc: 46.70 ng/ml



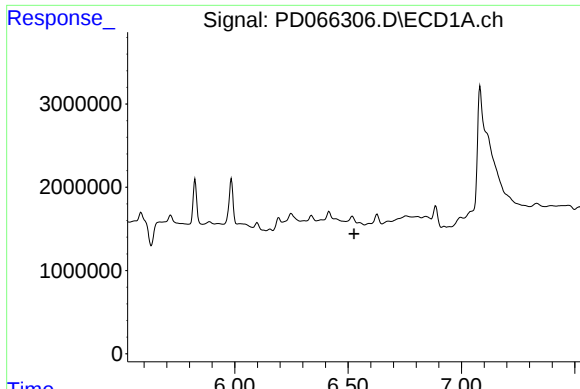
#24 Toxaphene-3

R.T.: 6.249 min  
Delta R.T.: -0.033 min  
Response: 1735955  
Conc: 43.64 ng/ml



#24 Toxaphene-3

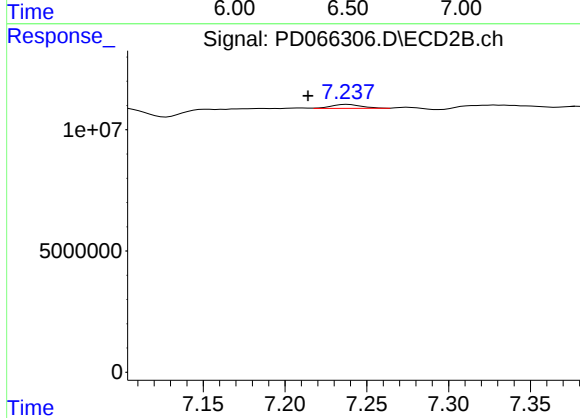
R.T.: 7.154 min  
Delta R.T.: 0.025 min  
Response: 1378325  
Conc: 12.71 ng/ml



#25 Toxaphene-4

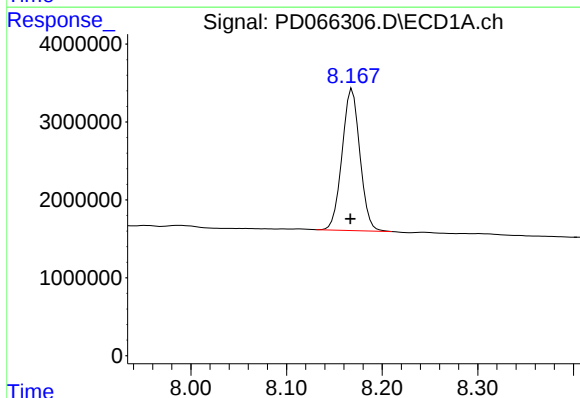
R.T.: 0.000 min  
Exp R.T.: 6.526 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



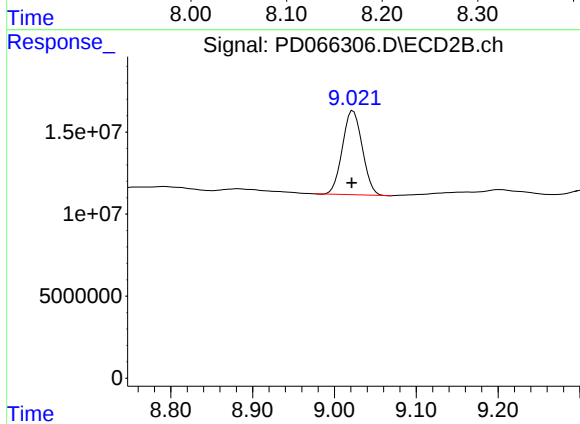
#25 Toxaphene-4

R.T.: 7.238 min  
Delta R.T.: 0.024 min  
Response: 2049554  
Conc: 18.81 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.169 min  
Delta R.T.: 0.002 min  
Response: 23592728  
Conc: 17.35 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.023 min  
Delta R.T.: 0.002 min  
Response: 86034543  
Conc: 18.12 ng/ml