

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111521\  
 Data File : PD066957.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Nov 2021 21:45  
 Operator : AR\AJ  
 Sample : M4687-01  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 16 06:19:23 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102821.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 28 02:17:57 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 3.437  | 3.967  | 18377910 | 93624882 | 9.850   | 11.570    |
| 28)                         | SA Decachlor... | 8.163  | 9.027  | 12822584 | 62641770 | 11.098  | 11.630    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 4.363  | 0        | 7388099  | N.D.    | 0.670 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 4.644  | 0        | 7150454  | N.D.    | 0.718 #   |
| 4)                          | MA Heptachlor   | 4.449  | 5.146  | 19722215 | 34792451 | 6.648   | 3.550 #   |
| 5)                          | MB Aldrin       | 4.696  | 5.449  | 34924781 | 140.7E6  | 12.119  | 15.504 #  |
| 6)                          | B beta-BHC      | 0.000  | 4.841f | 0        | 17797422 | N.D.    | 3.822 #   |
| 7)                          | B delta-BHC     | 4.613  | 5.042  | 5718077  | 16138895 | 2.127   | 1.766     |
| 8)                          | B Heptachlo...  | 5.166f | 5.829  | 7667930  | 30790949 | 2.964   | 4.248 #   |
| 10)                         | B gamma-Chl...  | 5.361  | 6.073  | 10862908 | 50292318 | 4.169   | 6.028 #   |
| 11)                         | B alpha-Chl...  | 5.418  | 6.145  | 23202776 | 149.4E6  | 9.041   | 18.017 #  |
| 12)                         | B 4,4'-DDE      | 5.582  | 6.304  | 36124421 | 144.9E6  | 15.505  | 18.386    |
| 13)                         | MA Dieldrin     | 5.707  | 6.443  | 6021204  | 3616388  | 2.406   | 0.436 #   |
| 14)                         | MA Endrin       | 5.969  | 6.666  | 1835055  | 14126960 | 0.877   | 2.053 #   |
| 15)                         | B Endosulfa...  | 6.251  | 6.864f | 15764652 | 1415249  | 7.928   | 0.200 #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.801  | 0        | 14200945 | N.D.    | 2.090 #   |
| 17)                         | MA 4,4'-DDT     | 6.330  | 7.096  | 3646623  | 1687231  | 1.896   | 0.233 #   |
| 20)                         | A Methoxychlor  | 6.861f | 0.000  | 651540   | 0        | 0.631   | N.D. #    |
| 22)                         | Mirex           | 0.000  | 8.178f | 0        | 1806367  | N.D.    | 0.305 #   |
| 23)                         | Chlordane-1     | 4.299  | 4.957  | 20507850 | 84984588 | 277.144 | 306.103   |
| 24)                         | Chlordane-2     | 4.799  | 5.428  | 34565971 | 61782410 | 407.453 | 208.289 # |
| 25)                         | Chlordane-3     | 5.361  | 6.073  | 10862908 | 50292318 | 44.366  | 46.646    |
| 26)                         | Chlordane-4     | 5.418  | 6.145  | 23202776 | 149.4E6  | 113.907 | 118.588   |
| 27)                         | Chlordane-5     | 6.251  | 6.954  | 15764652 | 23989157 | 186.407 | 88.023 #  |
| -----                       |                 |        |        |          |          |         |           |

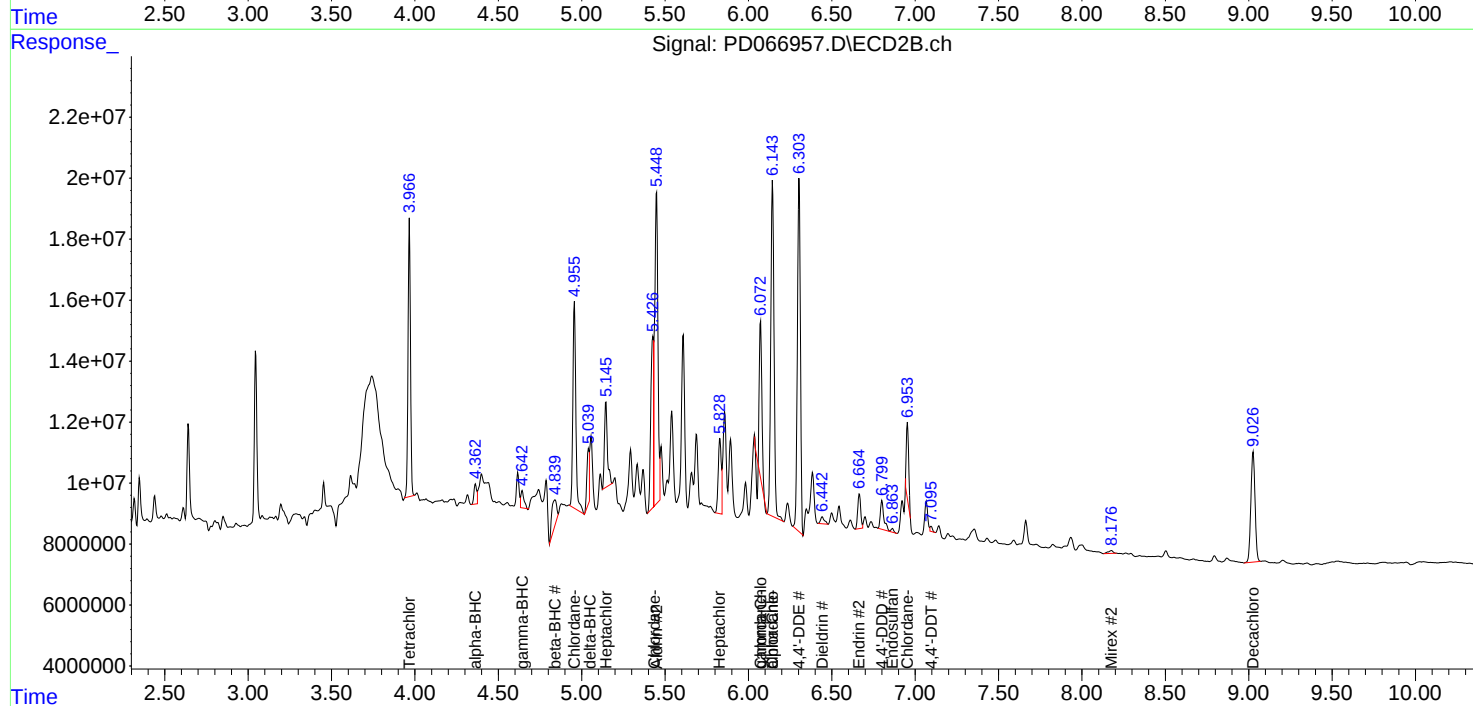
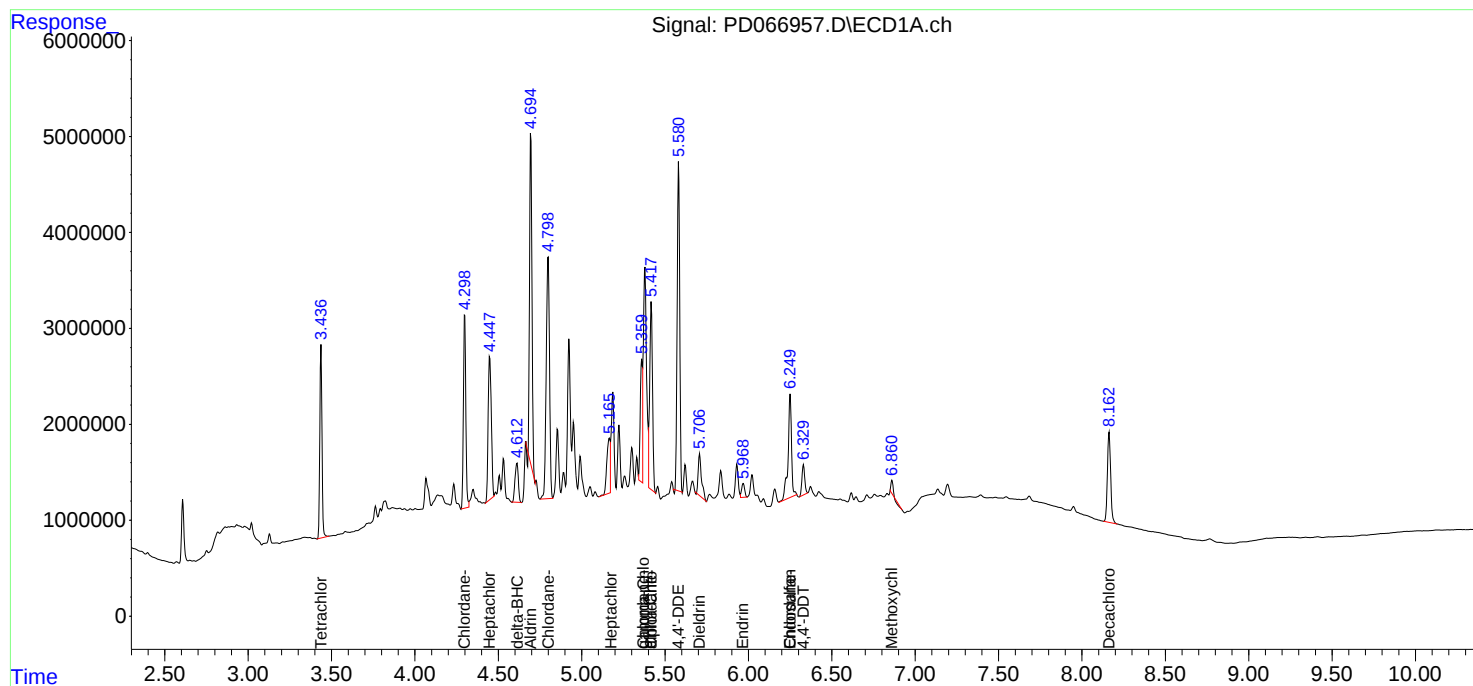
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

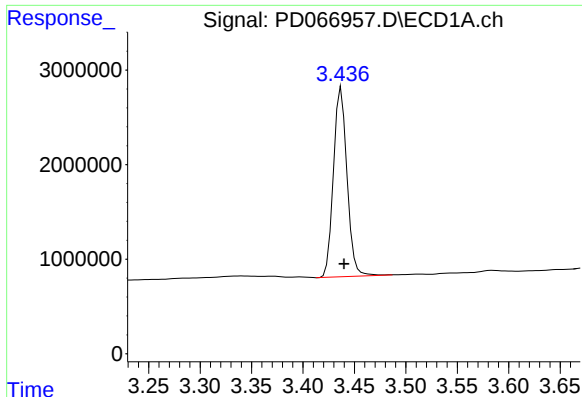
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111521\  
Data File : PD066957.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Nov 2021 21:45  
Operator : AR\AJ  
Sample : M4687-01  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 16 06:19:23 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102821.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 28 02:17:57 2021  
Response via : Initial Calibration  
Integrator: ChemStation

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

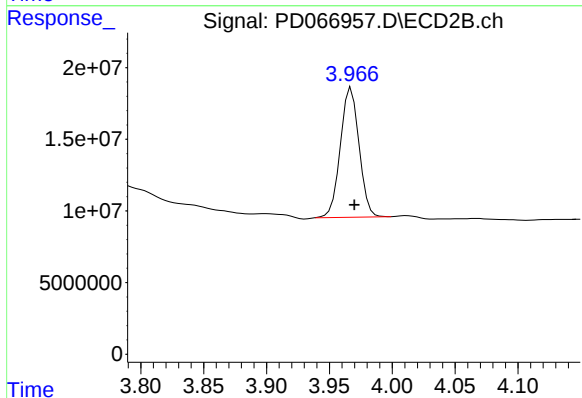




#1 Tetrachloro-m-xylene

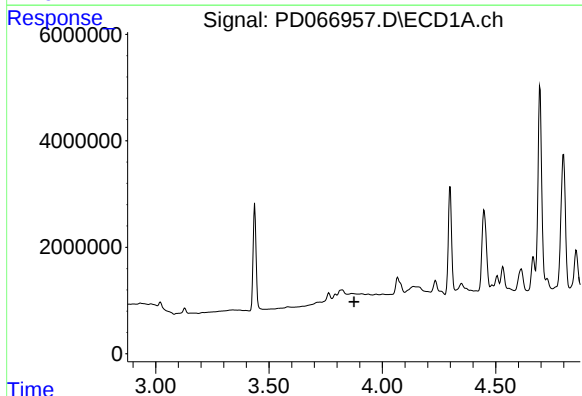
R.T.: 3.437 min  
Delta R.T.: -0.003 min  
Response: 18377910  
Conc: 9.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



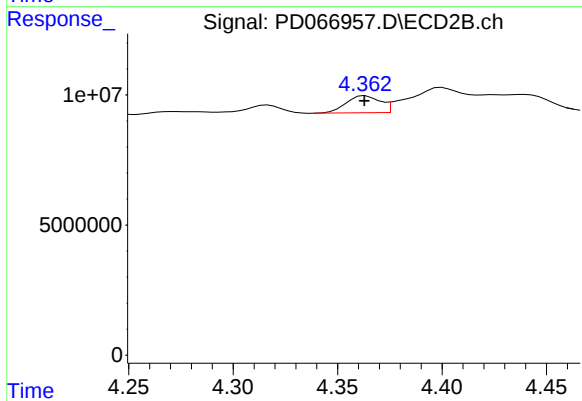
#1 Tetrachloro-m-xylene

R.T.: 3.967 min  
Delta R.T.: -0.002 min  
Response: 93624882  
Conc: 11.57 ng/ml



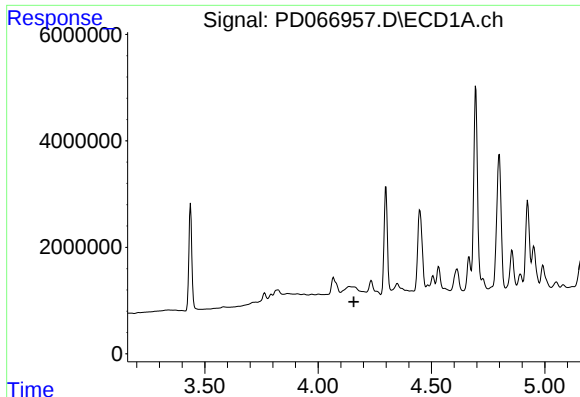
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.876 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

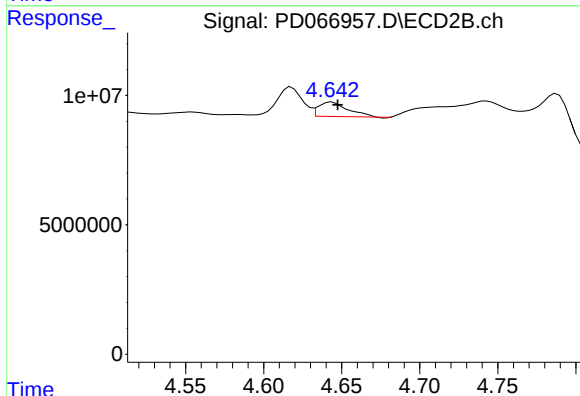
R.T.: 4.363 min  
Delta R.T.: 0.000 min  
Response: 7388099  
Conc: 0.67 ng/ml



#3 gamma-BHC (Lindane)

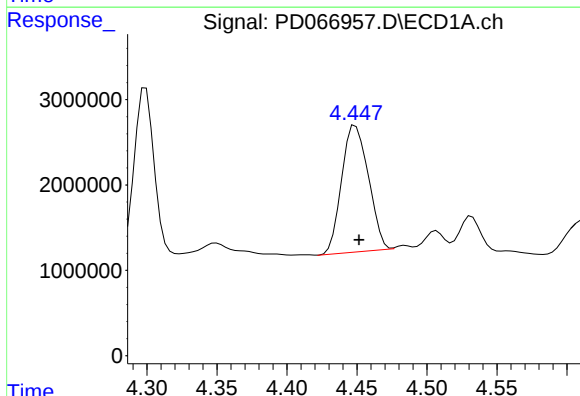
R.T.: 0.000 min  
Exp R.T.: 4.158 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



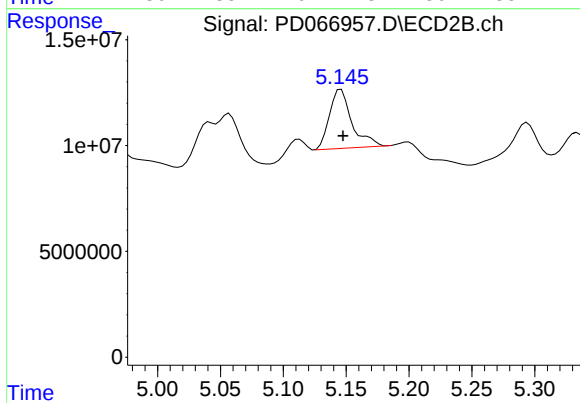
#3 gamma-BHC (Lindane)

R.T.: 4.644 min  
Delta R.T.: -0.004 min  
Response: 7150454  
Conc: 0.72 ng/ml



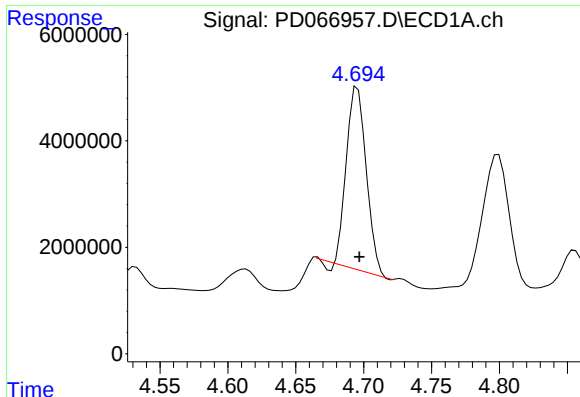
#4 Heptachlor

R.T.: 4.449 min  
Delta R.T.: -0.003 min  
Response: 19722215  
Conc: 6.65 ng/ml



#4 Heptachlor

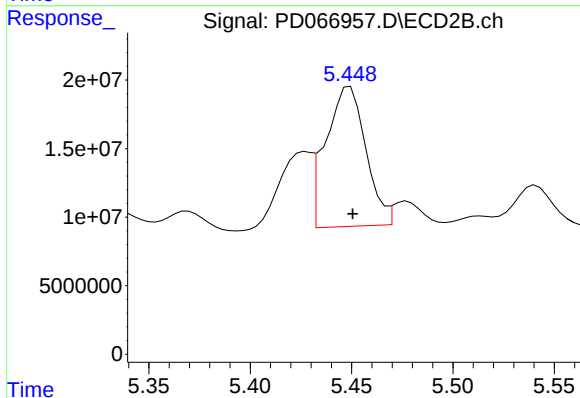
R.T.: 5.146 min  
Delta R.T.: -0.002 min  
Response: 34792451  
Conc: 3.55 ng/ml



#5 Aldrin

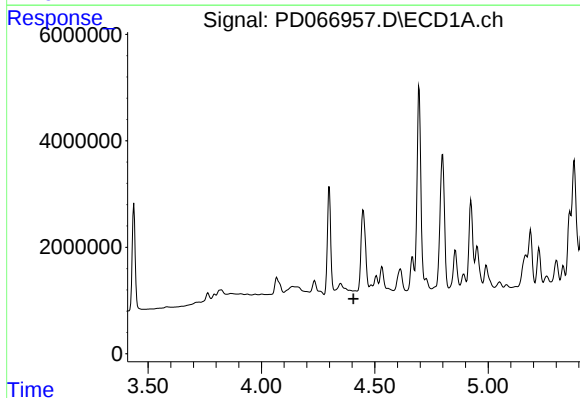
R.T.: 4.696 min  
Delta R.T.: -0.001 min  
Response: 34924781  
Conc: 12.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



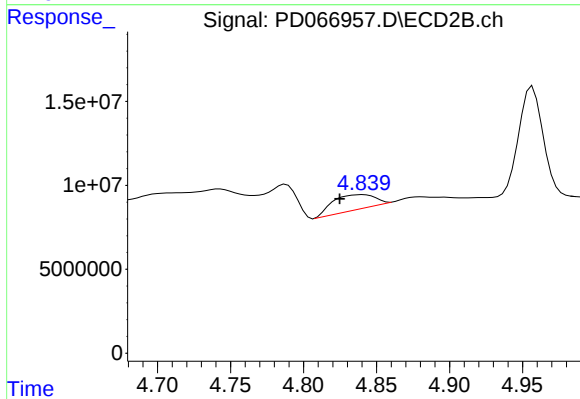
#5 Aldrin

R.T.: 5.449 min  
Delta R.T.: -0.001 min  
Response: 140738756  
Conc: 15.50 ng/ml



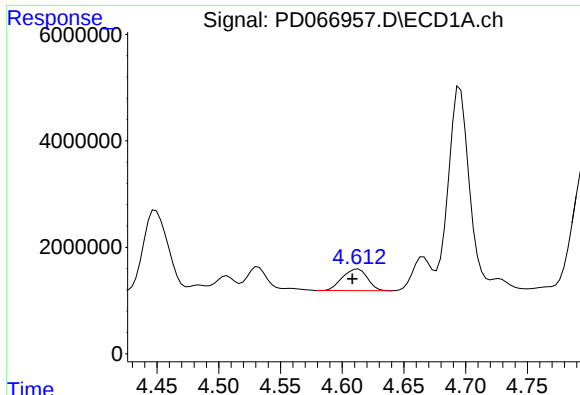
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.406 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

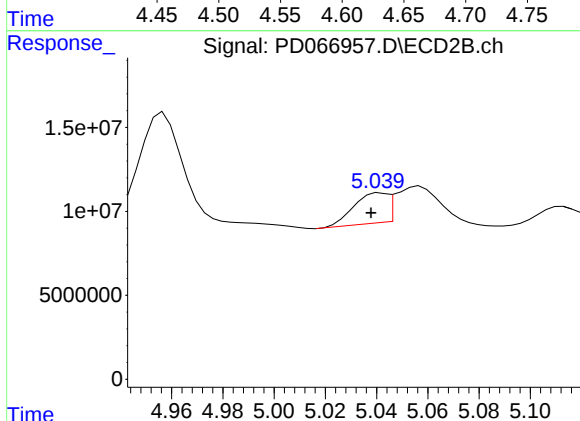
R.T.: 4.841 min  
Delta R.T.: 0.016 min  
Response: 17797422  
Conc: 3.82 ng/ml



#7 delta-BHC

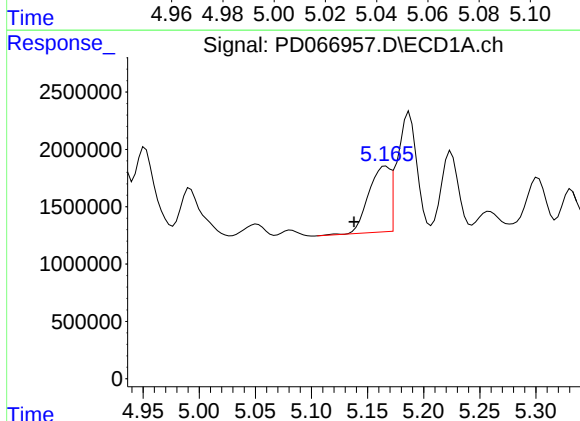
R.T.: 4.613 min  
Delta R.T.: 0.005 min  
Response: 5718077  
Conc: 2.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



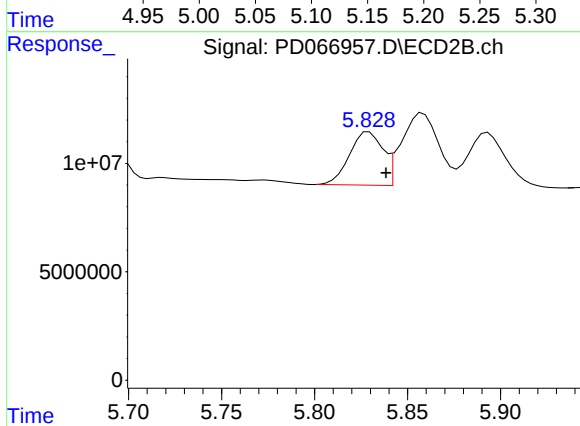
#7 delta-BHC

R.T.: 5.042 min  
Delta R.T.: 0.004 min  
Response: 16138895  
Conc: 1.77 ng/ml



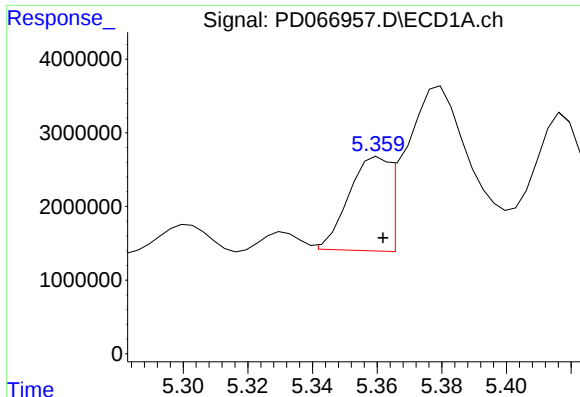
#8 Heptachlor epoxide

R.T.: 5.166 min  
Delta R.T.: 0.028 min  
Response: 7667930  
Conc: 2.96 ng/ml



#8 Heptachlor epoxide

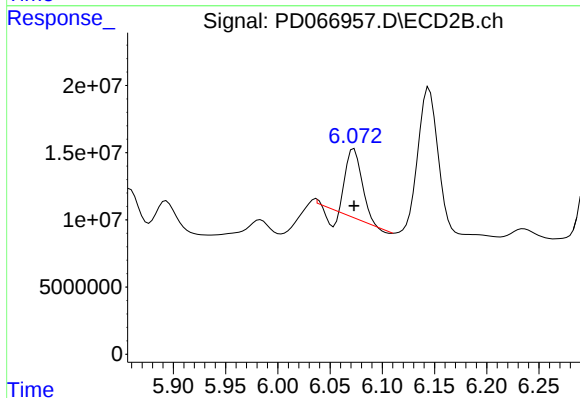
R.T.: 5.829 min  
Delta R.T.: -0.009 min  
Response: 30790949  
Conc: 4.25 ng/ml



#10 gamma-Chlordane

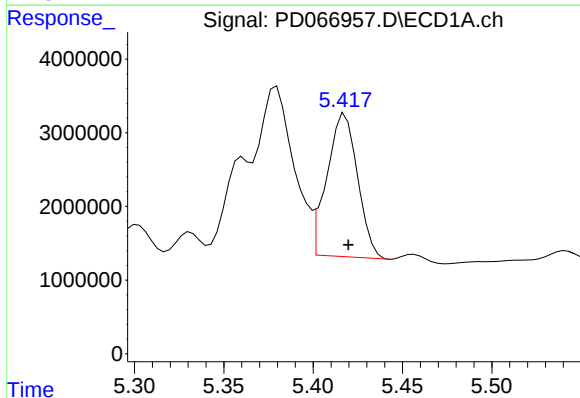
R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 10862908  
Conc: 4.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



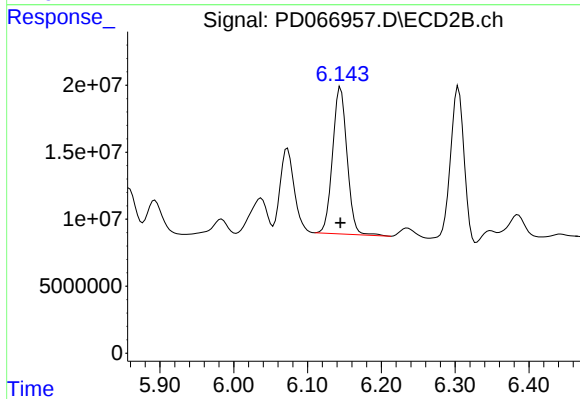
#10 gamma-Chlordane

R.T.: 6.073 min  
Delta R.T.: 0.000 min  
Response: 50292318  
Conc: 6.03 ng/ml



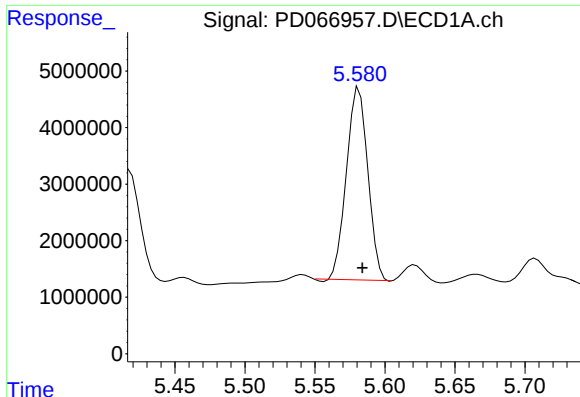
#11 alpha-Chlordane

R.T.: 5.418 min  
Delta R.T.: -0.002 min  
Response: 23202776  
Conc: 9.04 ng/ml



#11 alpha-Chlordane

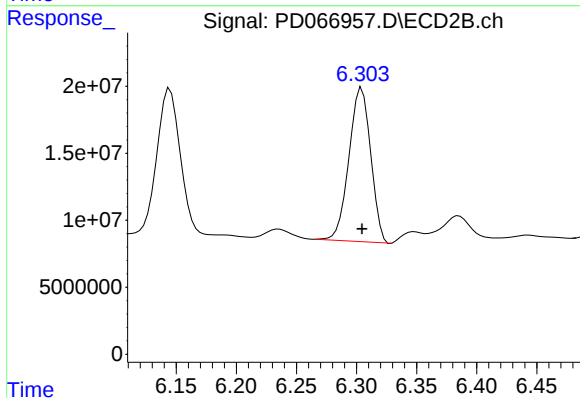
R.T.: 6.145 min  
Delta R.T.: 0.000 min  
Response: 149447588  
Conc: 18.02 ng/ml



#12 4,4'-DDE

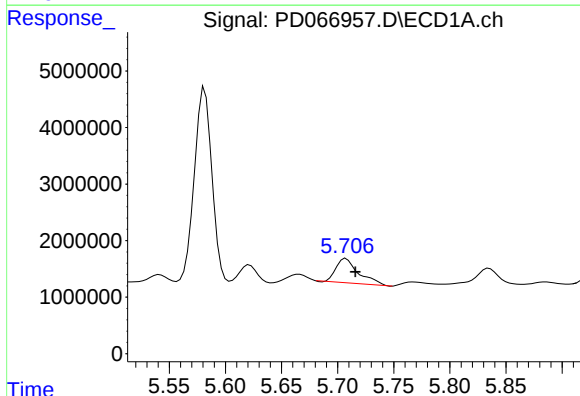
R.T.: 5.582 min  
Delta R.T.: -0.002 min  
Response: 36124421  
Conc: 15.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



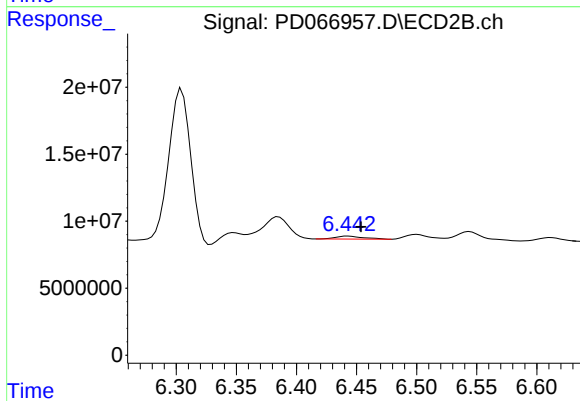
#12 4,4'-DDE

R.T.: 6.304 min  
Delta R.T.: 0.000 min  
Response: 144891502  
Conc: 18.39 ng/ml



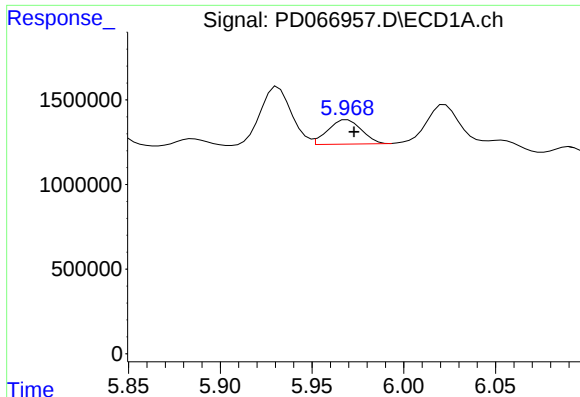
#13 Dieldrin

R.T.: 5.707 min  
Delta R.T.: -0.008 min  
Response: 6021204  
Conc: 2.41 ng/ml



#13 Dieldrin

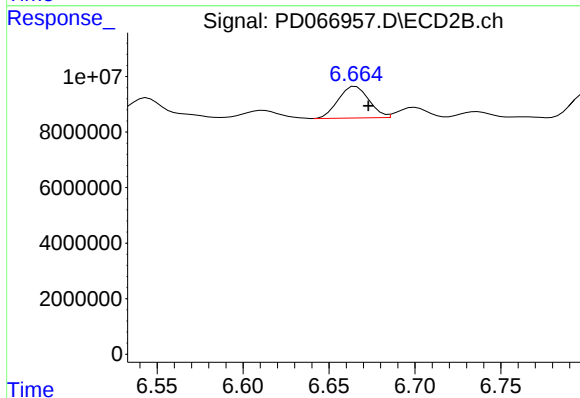
R.T.: 6.443 min  
Delta R.T.: -0.011 min  
Response: 3616388  
Conc: 0.44 ng/ml



#14 Endrin

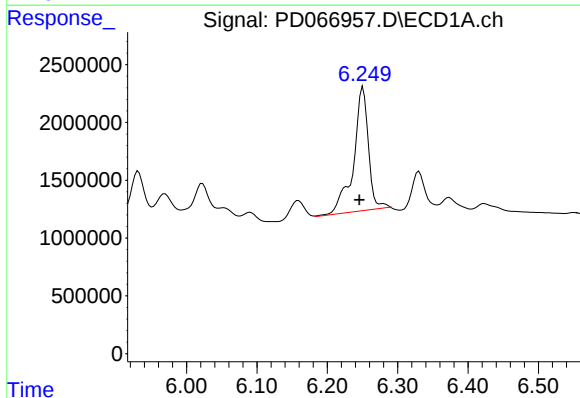
R.T.: 5.969 min  
Delta R.T.: -0.004 min  
Response: 1835055  
Conc: 0.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



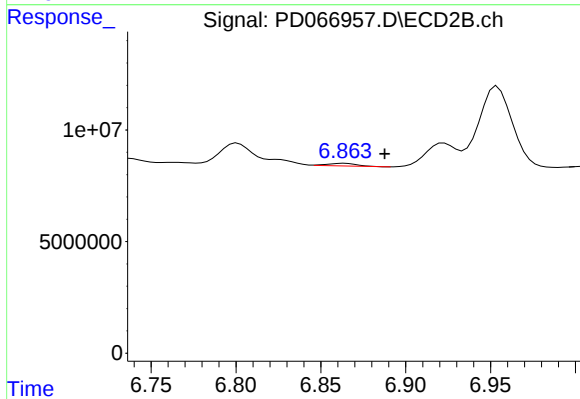
#14 Endrin

R.T.: 6.666 min  
Delta R.T.: -0.007 min  
Response: 14126960  
Conc: 2.05 ng/ml



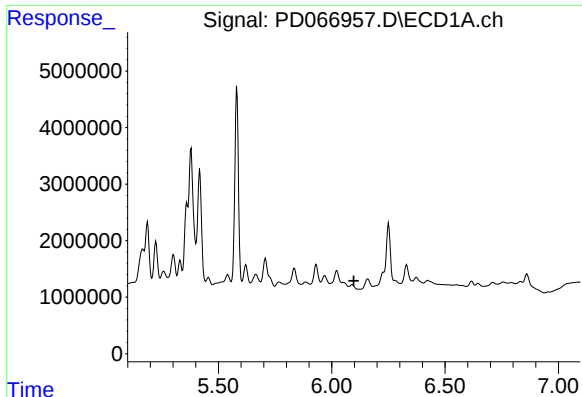
#15 Endosulfan II

R.T.: 6.251 min  
Delta R.T.: 0.005 min  
Response: 15764652  
Conc: 7.93 ng/ml



#15 Endosulfan II

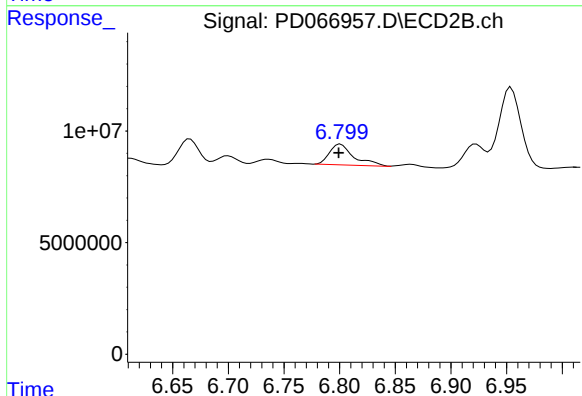
R.T.: 6.864 min  
Delta R.T.: -0.024 min  
Response: 1415249  
Conc: 0.20 ng/ml



#16 4,4'-DDD

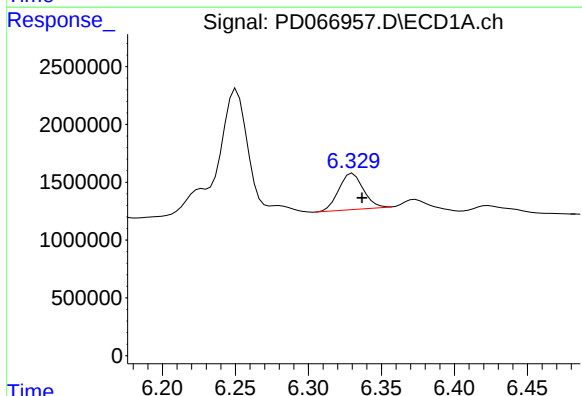
R.T.: 0.000 min  
Exp R.T.: 6.097 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



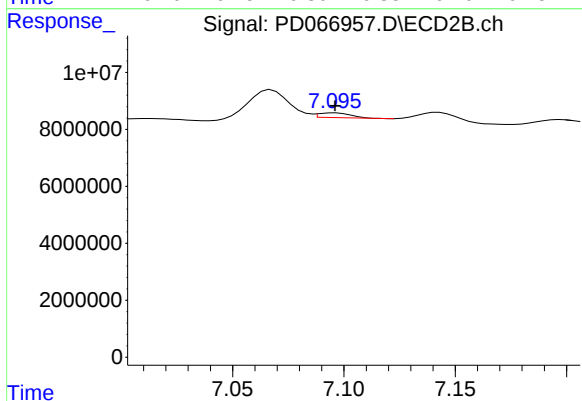
#16 4,4'-DDD

R.T.: 6.801 min  
Delta R.T.: 0.002 min  
Response: 14200945  
Conc: 2.09 ng/ml



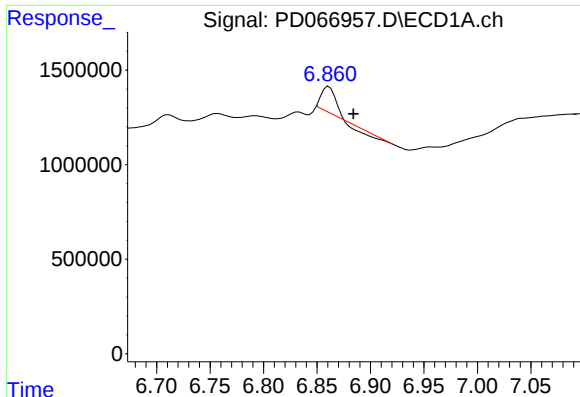
#17 4,4'-DDT

R.T.: 6.330 min  
Delta R.T.: -0.006 min  
Response: 3646623  
Conc: 1.90 ng/ml



#17 4,4'-DDT

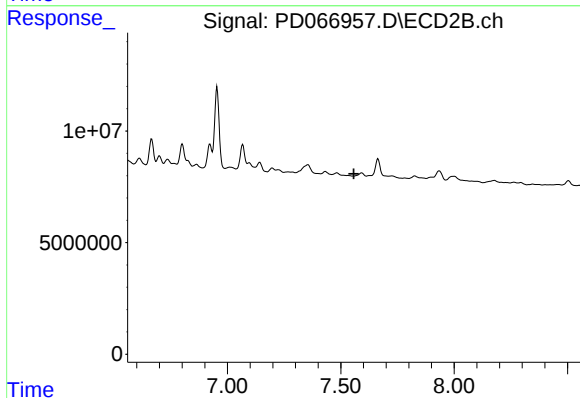
R.T.: 7.096 min  
Delta R.T.: 0.000 min  
Response: 1687231  
Conc: 0.23 ng/ml



#20 Methoxychlor

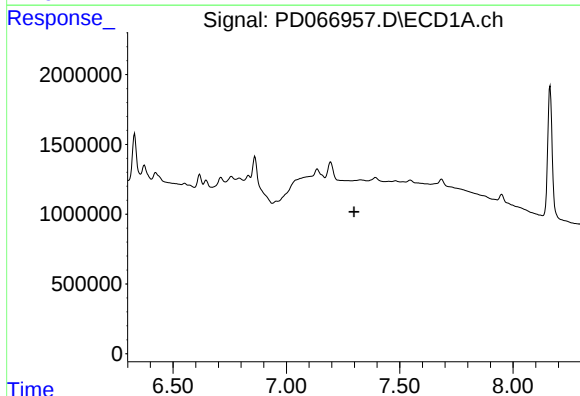
R.T.: 6.861 min  
Delta R.T.: -0.023 min  
Response: 651540  
Conc: 0.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



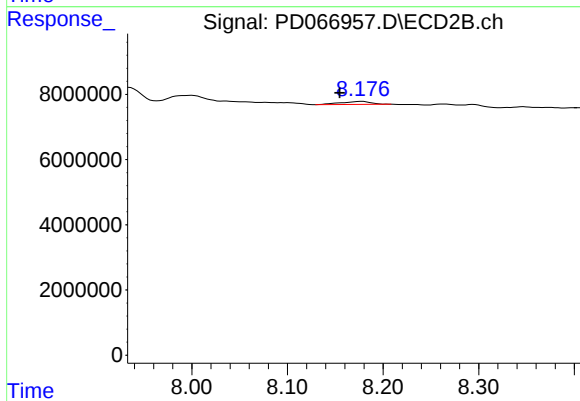
#20 Methoxychlor

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



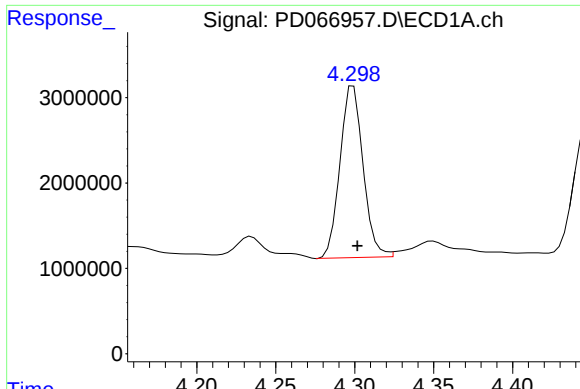
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.299 min  
Response: 0  
Conc: N.D.



#22 Mirex

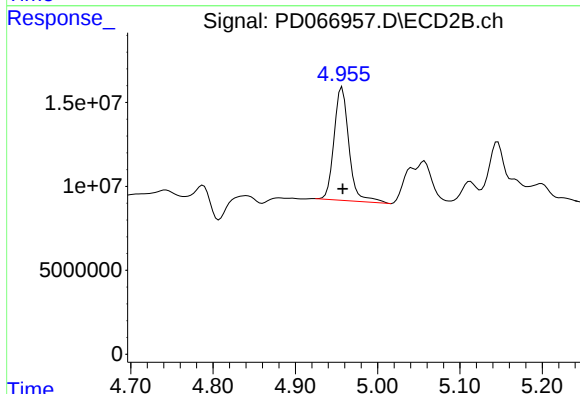
R.T.: 8.178 min  
Delta R.T.: 0.023 min  
Response: 1806367  
Conc: 0.31 ng/ml



#23 Chlordane-1

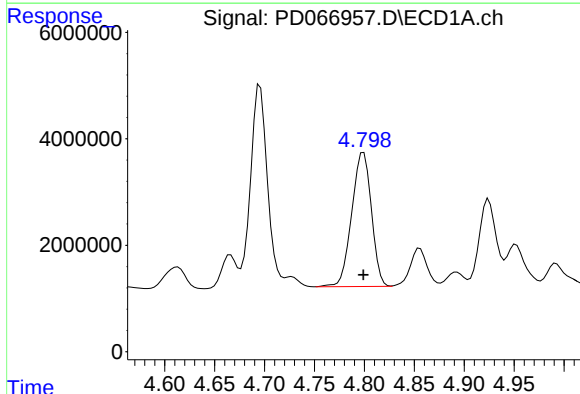
R.T.: 4.299 min  
Delta R.T.: -0.003 min  
Response: 20507850  
Conc: 277.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



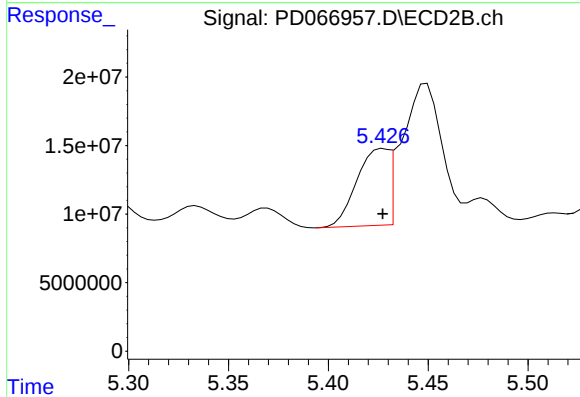
#23 Chlordane-1

R.T.: 4.957 min  
Delta R.T.: 0.000 min  
Response: 84984588  
Conc: 306.10 ng/ml



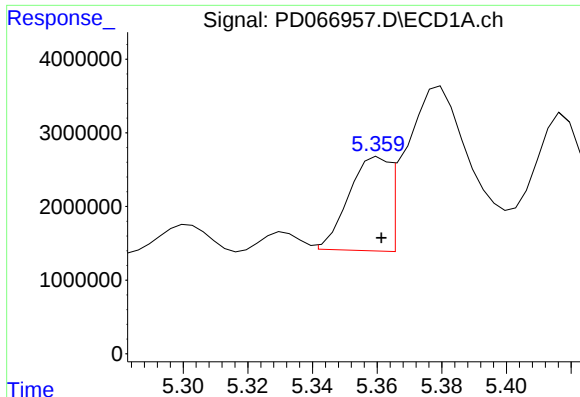
#24 Chlordane-2

R.T.: 4.799 min  
Delta R.T.: 0.000 min  
Response: 34565971  
Conc: 407.45 ng/ml



#24 Chlordane-2

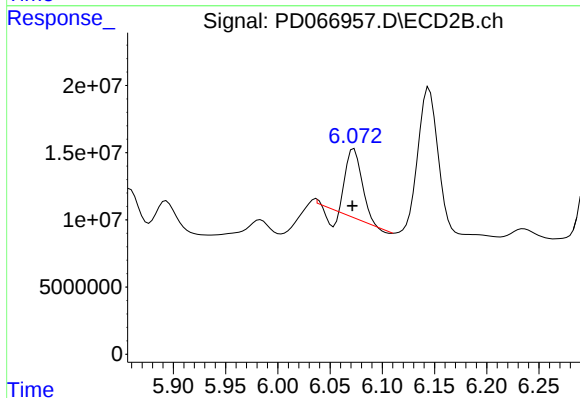
R.T.: 5.428 min  
Delta R.T.: 0.000 min  
Response: 61782410  
Conc: 208.29 ng/ml



#25 Chlordane-3

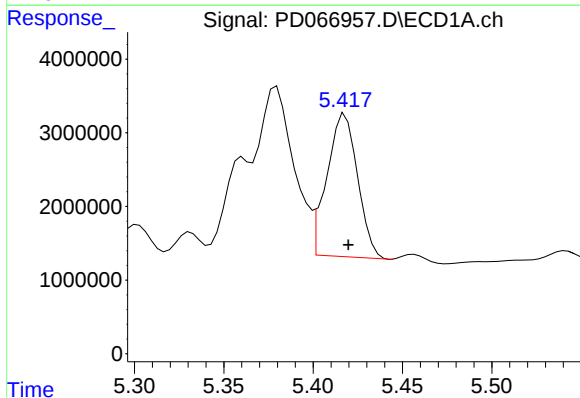
R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 10862908  
Conc: 44.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



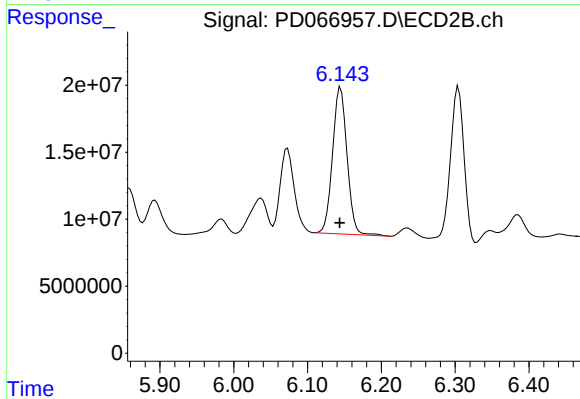
#25 Chlordane-3

R.T.: 6.073 min  
Delta R.T.: 0.002 min  
Response: 50292318  
Conc: 46.65 ng/ml



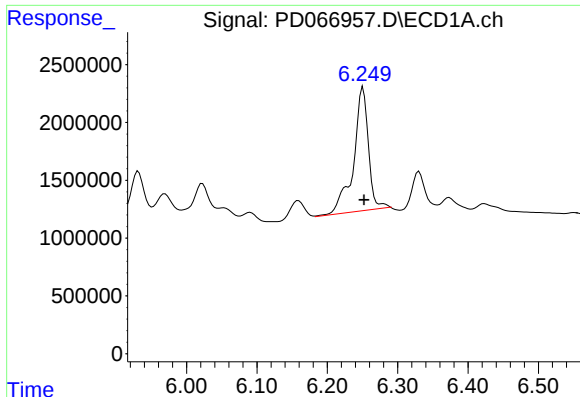
#26 Chlordane-4

R.T.: 5.418 min  
Delta R.T.: -0.002 min  
Response: 23202776  
Conc: 113.91 ng/ml



#26 Chlordane-4

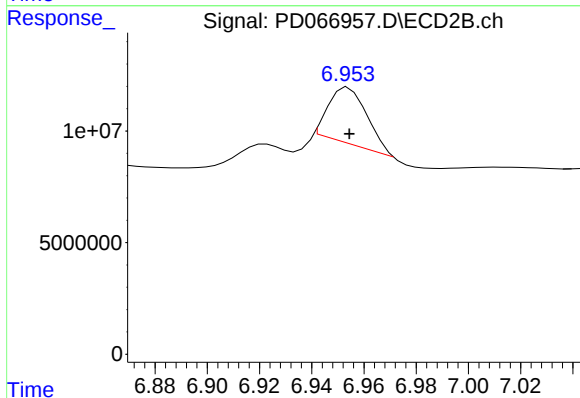
R.T.: 6.145 min  
Delta R.T.: 0.001 min  
Response: 149447588  
Conc: 118.59 ng/ml



#27 Chlordane-5

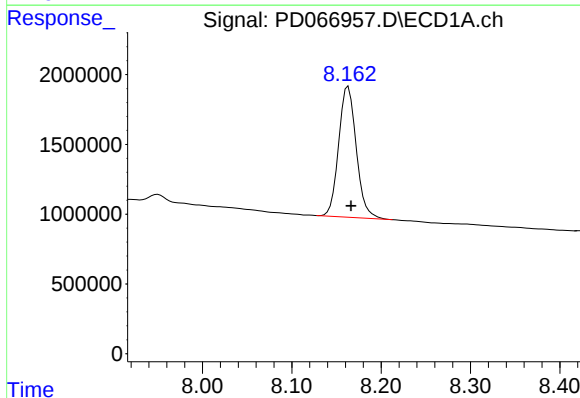
R.T.: 6.251 min  
Delta R.T.: -0.001 min  
Response: 15764652  
Conc: 186.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



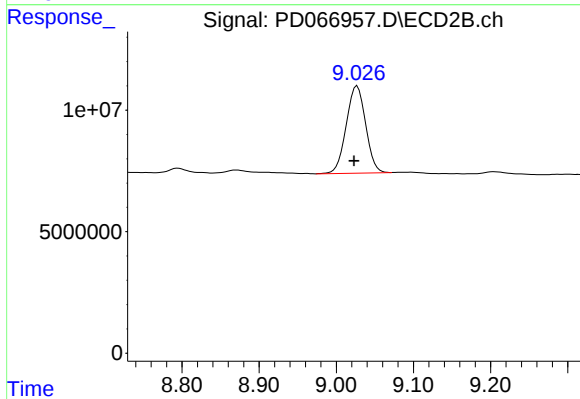
#27 Chlordane-5

R.T.: 6.954 min  
Delta R.T.: 0.000 min  
Response: 23989157  
Conc: 88.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.163 min  
Delta R.T.: -0.003 min  
Response: 12822584  
Conc: 11.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.027 min  
Delta R.T.: 0.004 min  
Response: 62641770  
Conc: 11.63 ng/ml