

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120723\  
 Data File : PD080005.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Dec 2023 13:08  
 Operator : AR\AJ  
 Sample : 05671-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TP-34

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 07 20:44:51 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120623.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Dec 06 14:11:45 2023  
 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... | 3.567  | 2.801  | 30421256 | 52141172 | 20.184 | 20.742   |
| 2)                          | SA Decachlor... | 9.113  | 7.943  | 34507790 | 48243928 | 17.048 | 17.114   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.048f | 3.294  | 325867   | 430080   | 0.130  | 0.112    |
| 3)                          | MA gamma-BHC... | 4.330f | 3.640  | 377276   | 515905   | 0.159  | 0.142    |
| 4)                          | MA Heptachlor   | 4.964  | 3.963  | 641028   | 260633   | 0.261  | 0.074 #  |
| 5)                          | MB Aldrin       | 5.266f | 0.000  | 149947   | 0        | 0.063  | N.D. #   |
| 6)                          | B beta-BHC      | 4.563  | 3.920  | 818260   | -19964   | 0.818  | N.D. #   |
| 7)                          | B delta-BHC     | 4.793  | 4.160  | 2020632  | 470494   | 0.825  | 0.125 #  |
| 8)                          | B Heptachlo...  | 5.712  | 4.741  | 2145670  | 196720   | 0.974  | 0.060 #  |
| 9)                          | A Endosulfan I  | 6.139f | 5.154f | 884136   | 2250571  | 0.430  | 0.745 #  |
| 10)                         | B gamma-Chl...  | 5.976  | 5.008  | 560601   | 644347   | 0.258  | 0.200    |
| 11)                         | B alpha-Chl...  | 6.056  | 5.071  | 920944   | 1048278  | 0.427  | 0.326    |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.288f | 0        | 1512125  | N.D.   | 0.502 #  |
| 13)                         | MA Dieldrin     | 6.390  | 5.397  | 605640   | 1377080  | 0.278  | 0.421 #  |
| 14)                         | MA Endrin       | 0.000  | 5.679  | 0        | 104959   | N.D.   | 0.037 #  |
| 15)                         | B Endosulfa...  | 6.824  | 5.965  | 224012   | 424635   | 0.118  | 0.156 #  |
| 16)                         | A 4,4'-DDD      | 6.734  | 0.000  | 377531   | 0        | 0.225  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 7.060  | 6.065  | 254482   | 312054   | 0.143  | 0.123    |
| 18)                         | B Endrin al...  | 0.000  | 6.152  | 0        | 206637   | N.D.   | 0.101 #  |
| 19)                         | B Endosulfa...  | 7.187  | 0.000  | 459771   | 0        | 0.242  | N.D. #   |
| 20)                         | A Methoxychlor  | 0.000  | 6.618f | 0        | 345071   | N.D.   | 0.236 #  |
| 21)                         | B Endrin ke...  | 7.697f | 0.000  | 2451096  | 0        | 1.184  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 7.052  | 0        | 249596   | N.D.   | 0.103 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.814  | 0        | 2938486  | N.D.   | 30.524 # |
| 24)                         | Chlordane-2     | 5.266  | 4.385  | 149947   | 207880   | 1.962  | 1.819    |
| 25)                         | Chlordane-3     | 5.976  | 5.008  | 560601   | 644347   | 1.857  | 2.045    |
| 26)                         | Chlordane-4     | 6.056  | 5.071  | 920944   | 1048278  | 2.543  | 3.563 #  |
| 27)                         | Chlordane-5     | 6.907  | 5.965  | 298828   | 424635   | 4.417  | 3.738    |
| -----                       |                 |        |        |          |          |        |          |

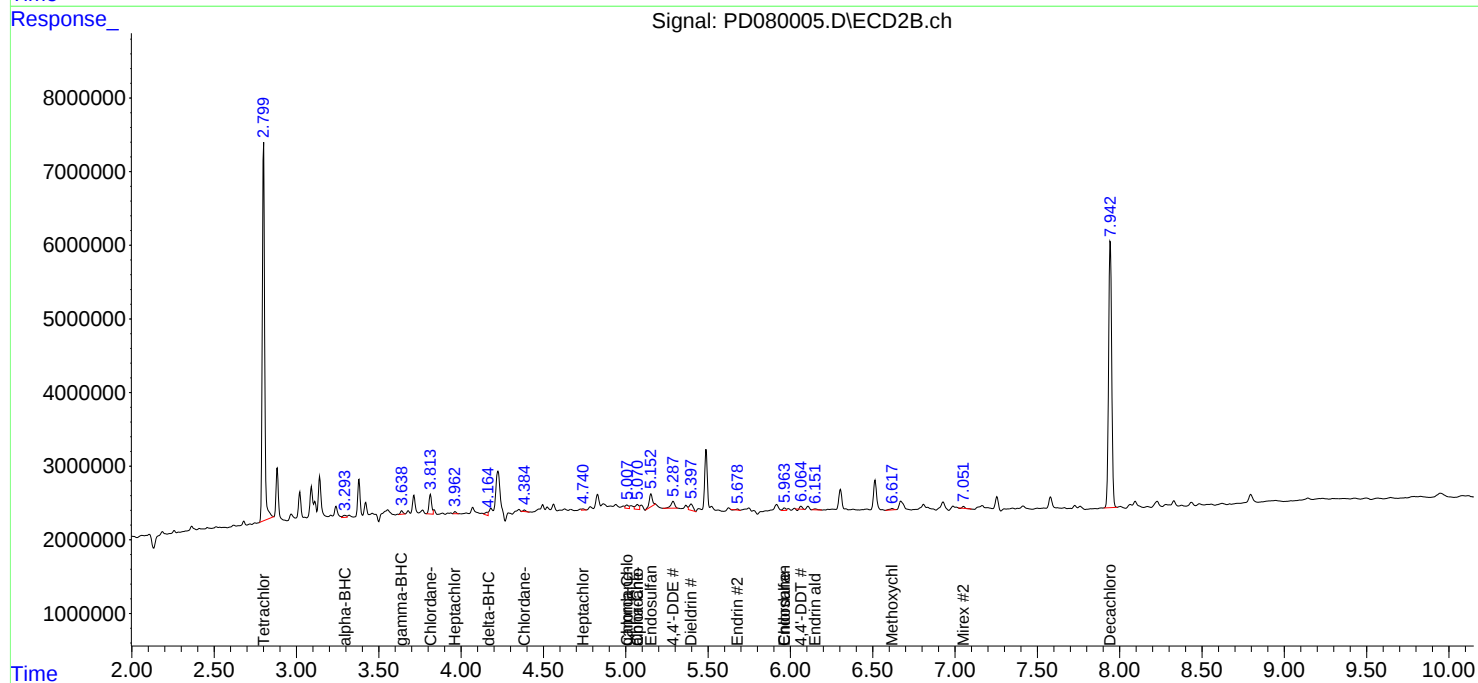
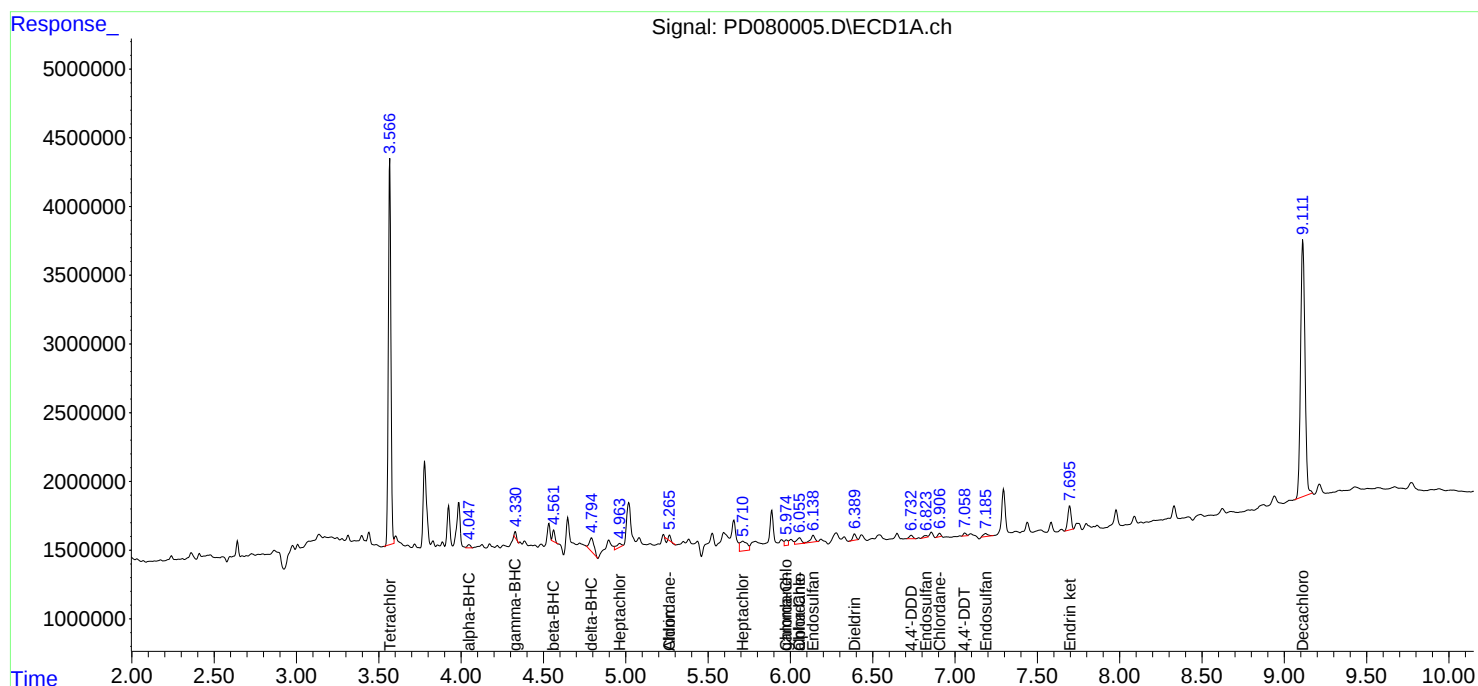
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

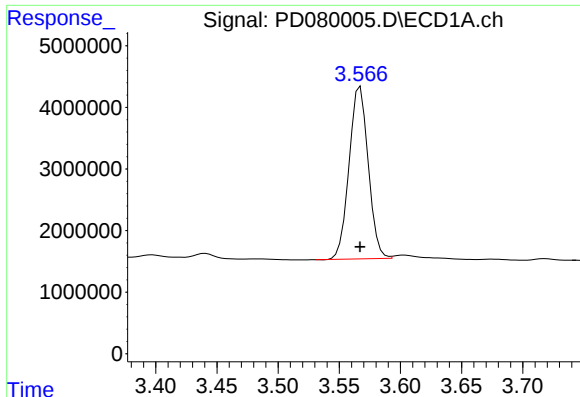
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120723\  
Data File : PD080005.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Dec 2023 13:08  
Operator : AR\AJ  
Sample : 05671-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 07 20:44:51 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120623.M  
Quant Title : GC Extractables  
QLast Update : Wed Dec 06 14:11:45 2023  
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

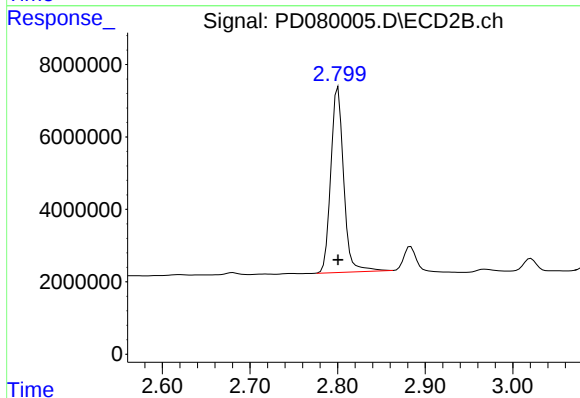




#1 Tetrachloro-m-xylene

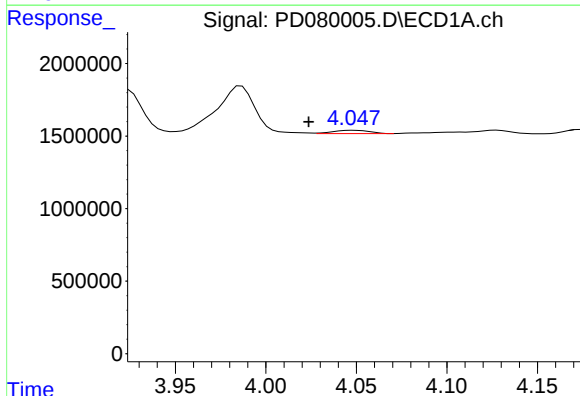
R.T.: 3.567 min  
Delta R.T.: 0.000 min  
Response: 30421256  
Conc: 20.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34



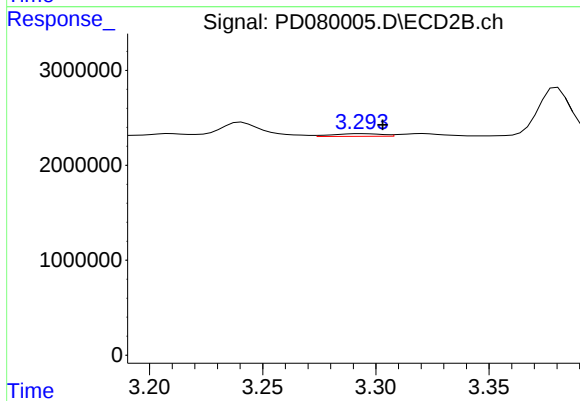
#1 Tetrachloro-m-xylene

R.T.: 2.801 min  
Delta R.T.: 0.000 min  
Response: 52141172  
Conc: 20.74 ng/ml



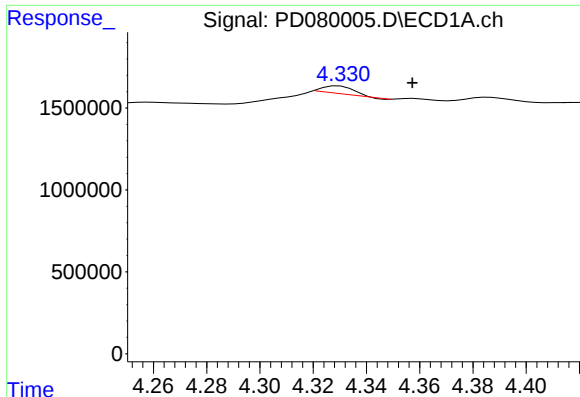
#2 alpha-BHC

R.T.: 4.048 min  
Delta R.T.: 0.025 min  
Response: 325867  
Conc: 0.13 ng/ml



#2 alpha-BHC

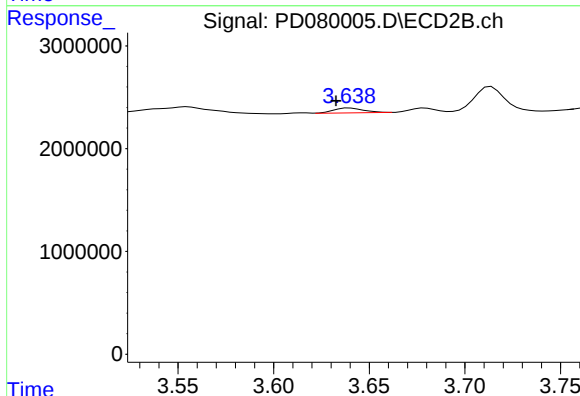
R.T.: 3.294 min  
Delta R.T.: -0.009 min  
Response: 430080  
Conc: 0.11 ng/ml



#3 gamma-BHC (Lindane)

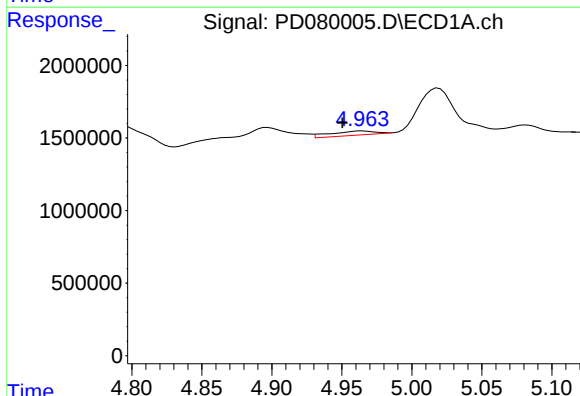
R.T.: 4.330 min  
Delta R.T.: -0.028 min  
Response: 377276  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34



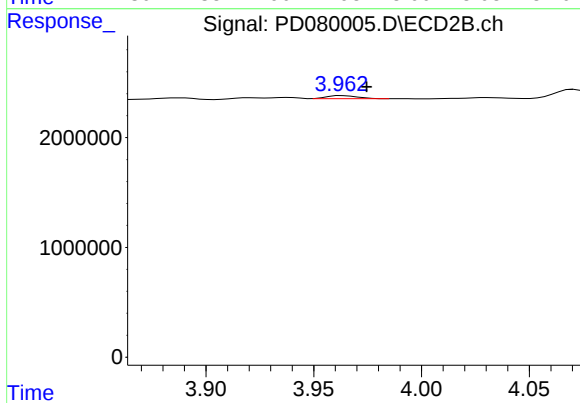
#3 gamma-BHC (Lindane)

R.T.: 3.640 min  
Delta R.T.: 0.007 min  
Response: 515905  
Conc: 0.14 ng/ml



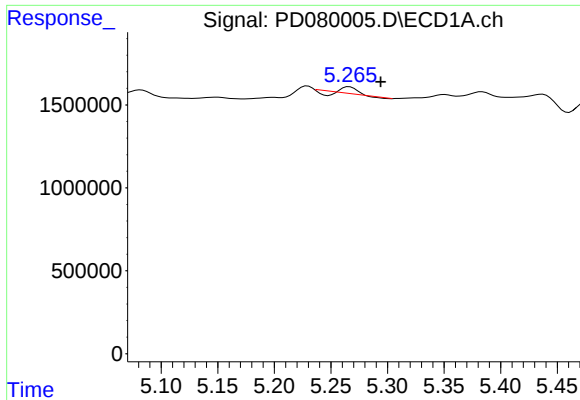
#4 Heptachlor

R.T.: 4.964 min  
Delta R.T.: 0.014 min  
Response: 641028  
Conc: 0.26 ng/ml



#4 Heptachlor

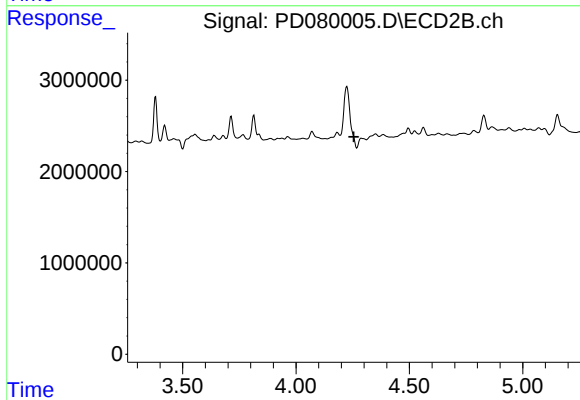
R.T.: 3.963 min  
Delta R.T.: -0.011 min  
Response: 260633  
Conc: 0.07 ng/ml



#5 Aldrin

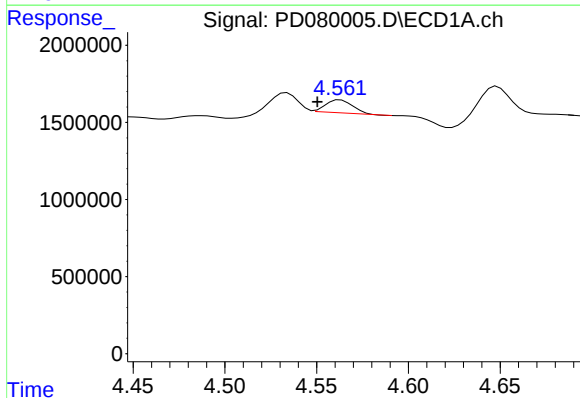
R.T.: 5.266 min  
Delta R.T.: -0.028 min  
Response: 149947  
Conc: 0.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34



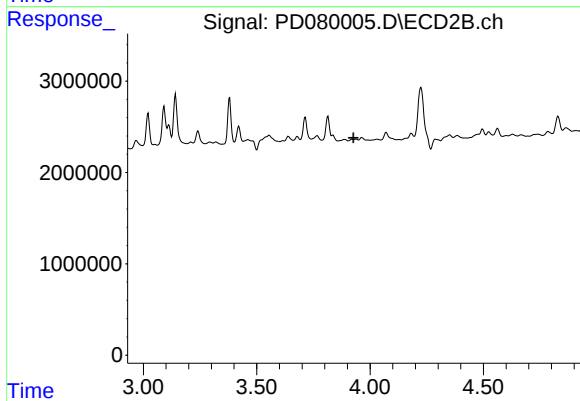
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.255 min  
Response: 0  
Conc: N.D.



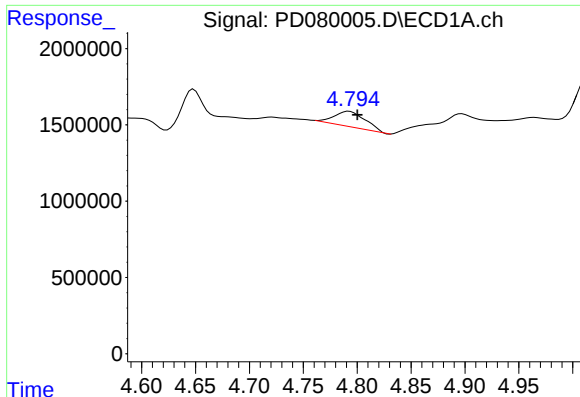
#6 beta-BHC

R.T.: 4.563 min  
Delta R.T.: 0.013 min  
Response: 818260  
Conc: 0.82 ng/ml



#6 beta-BHC

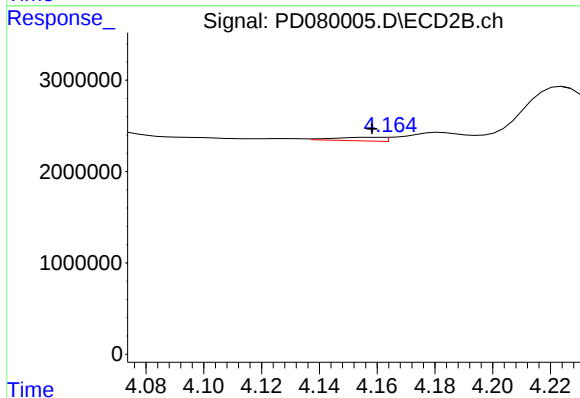
R.T.: 3.920 min  
Delta R.T.: -0.007 min  
Response: -19964  
Conc: N.D.



#7 delta-BHC

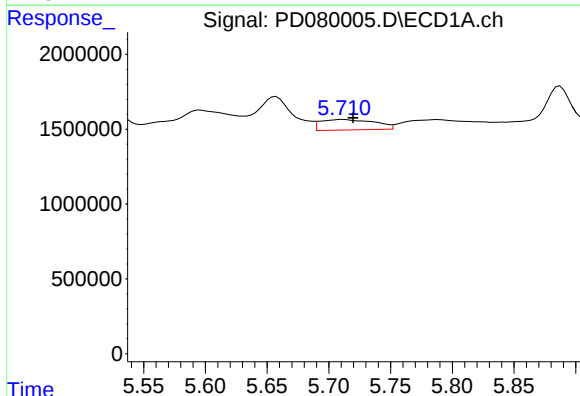
R.T.: 4.793 min  
Delta R.T.: -0.008 min  
Response: 2020632  
Conc: 0.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34



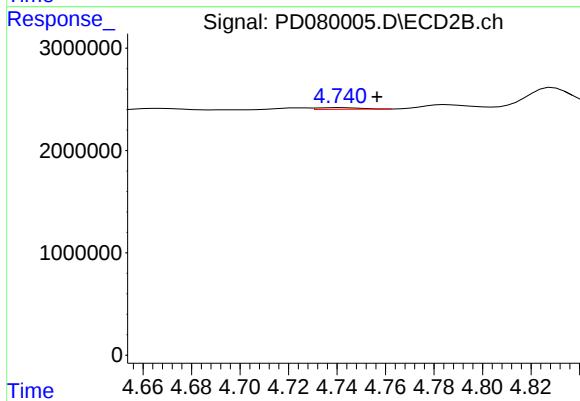
#7 delta-BHC

R.T.: 4.160 min  
Delta R.T.: 0.001 min  
Response: 470494  
Conc: 0.12 ng/ml



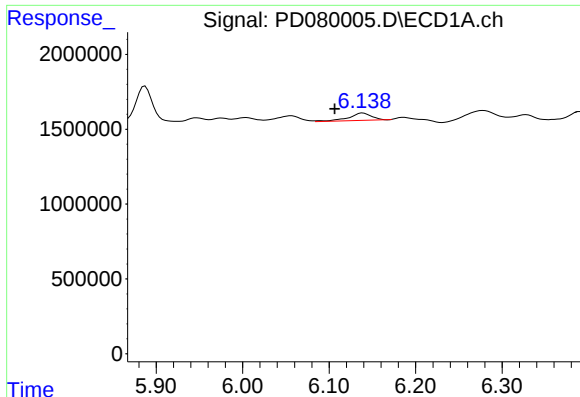
#8 Heptachlor epoxide

R.T.: 5.712 min  
Delta R.T.: -0.008 min  
Response: 2145670  
Conc: 0.97 ng/ml



#8 Heptachlor epoxide

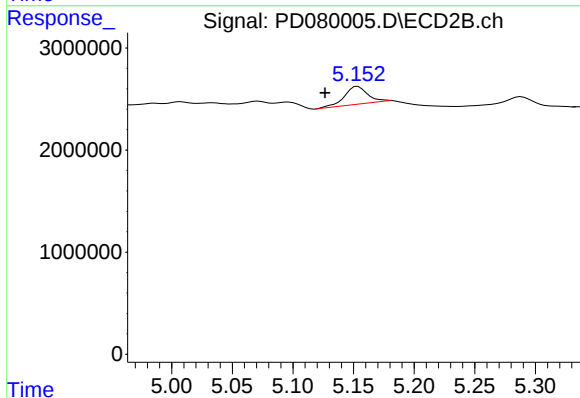
R.T.: 4.741 min  
Delta R.T.: -0.015 min  
Response: 196720  
Conc: 0.06 ng/ml



#9 Endosulfan I

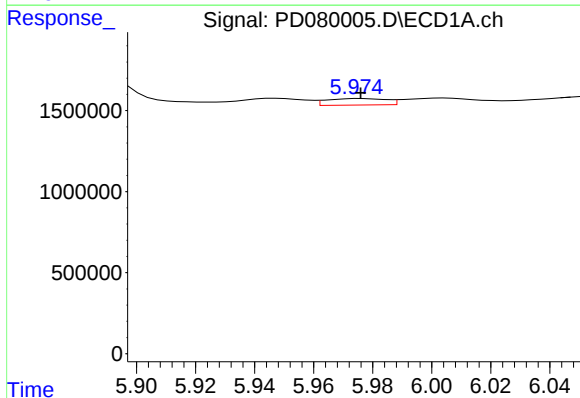
R.T.: 6.139 min  
Delta R.T.: 0.033 min  
Response: 884136  
Conc: 0.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34



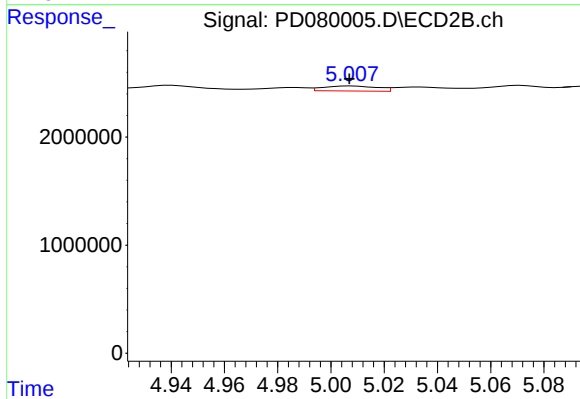
#9 Endosulfan I

R.T.: 5.154 min  
Delta R.T.: 0.027 min  
Response: 2250571  
Conc: 0.75 ng/ml



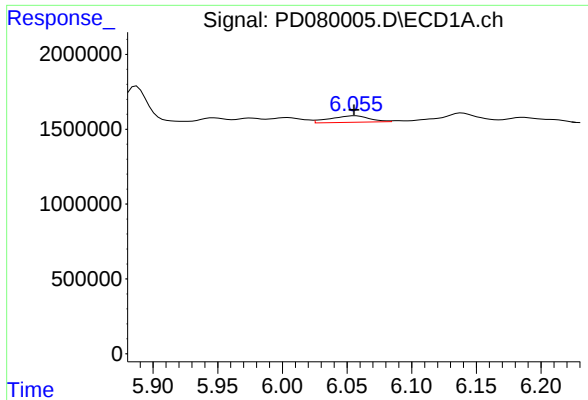
#10 gamma-Chlordane

R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 560601  
Conc: 0.26 ng/ml



#10 gamma-Chlordane

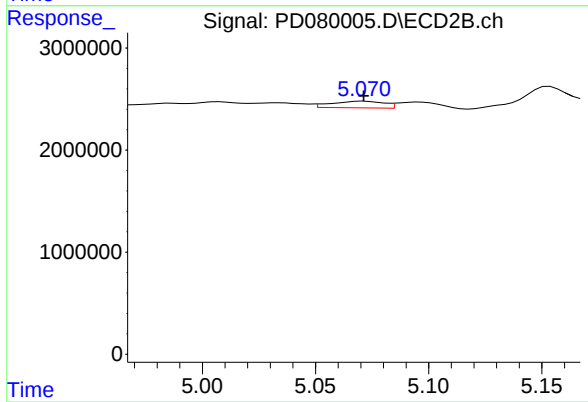
R.T.: 5.008 min  
Delta R.T.: 0.000 min  
Response: 644347  
Conc: 0.20 ng/ml



#11 alpha-Chlordane

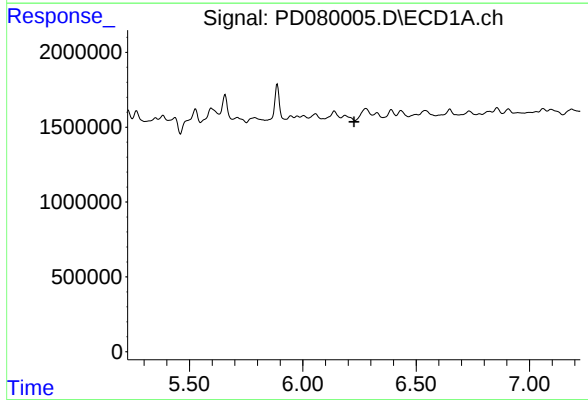
R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 920944  
Conc: 0.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34



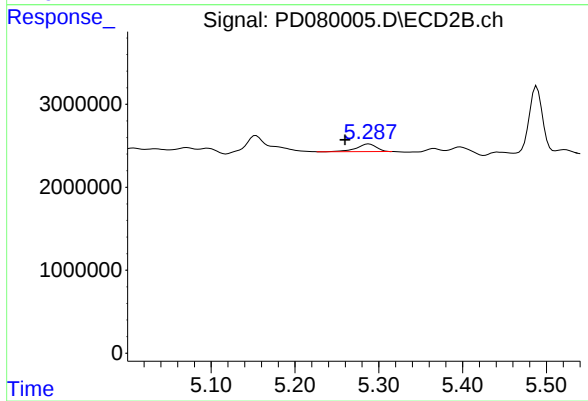
#11 alpha-Chlordane

R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 1048278  
Conc: 0.33 ng/ml



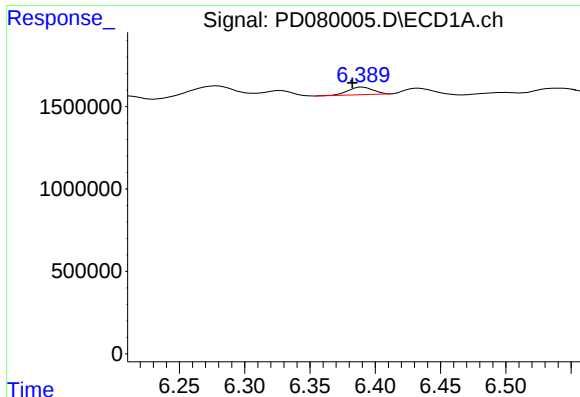
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.227 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

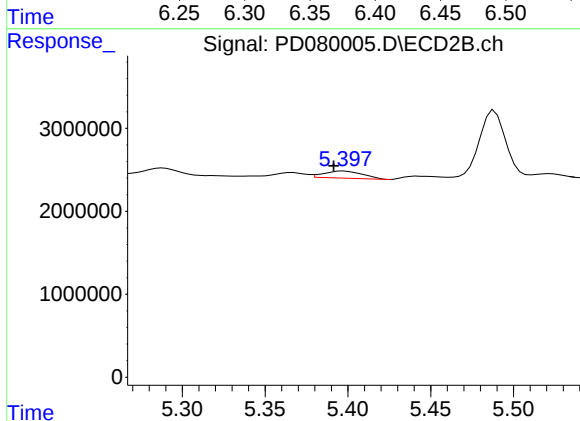
R.T.: 5.288 min  
Delta R.T.: 0.028 min  
Response: 1512125  
Conc: 0.50 ng/ml



#13 Dieldrin

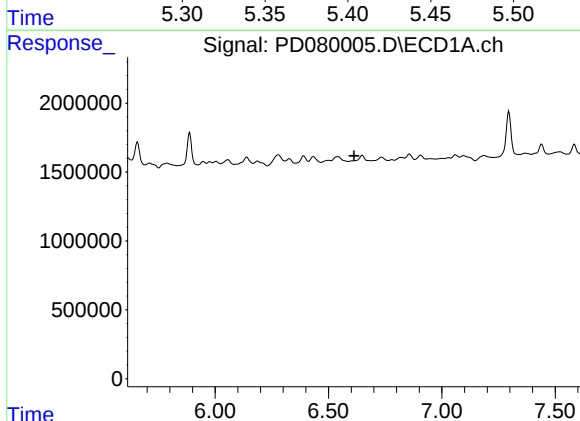
R.T.: 6.390 min  
Delta R.T.: 0.008 min  
Response: 605640  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34



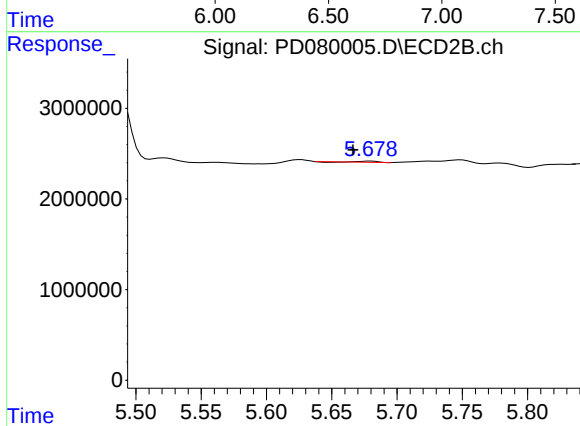
#13 Dieldrin

R.T.: 5.397 min  
Delta R.T.: 0.006 min  
Response: 1377080  
Conc: 0.42 ng/ml



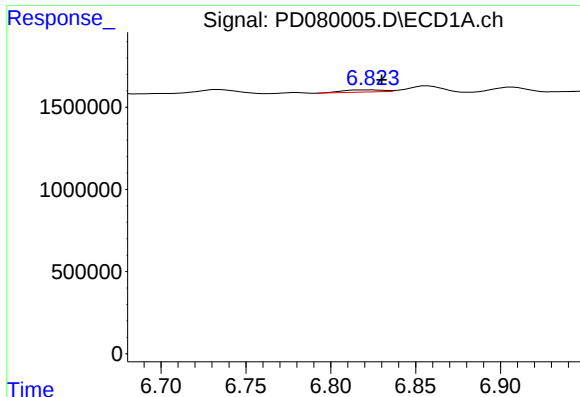
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.613 min  
Response: 0  
Conc: N.D.



#14 Endrin

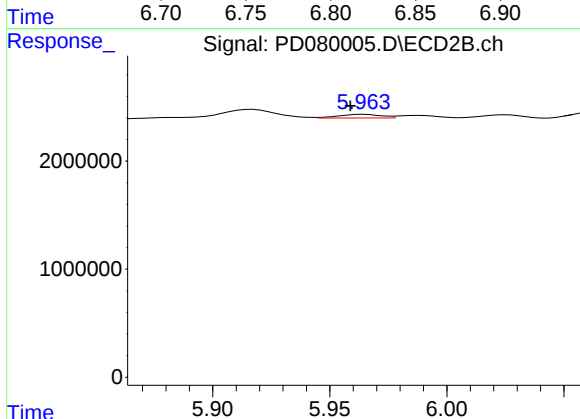
R.T.: 5.679 min  
Delta R.T.: 0.013 min  
Response: 104959  
Conc: 0.04 ng/ml



#15 Endosulfan II

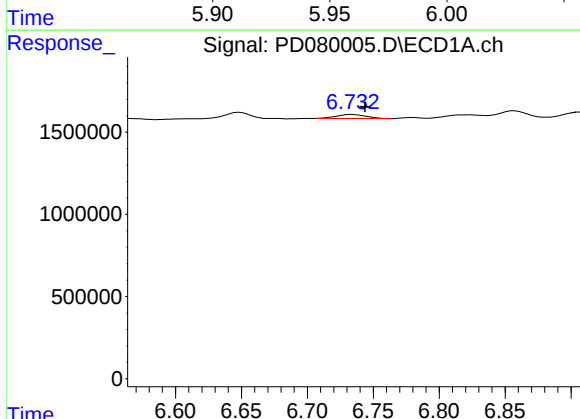
R.T.: 6.824 min  
Delta R.T.: -0.006 min  
Response: 224012  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34



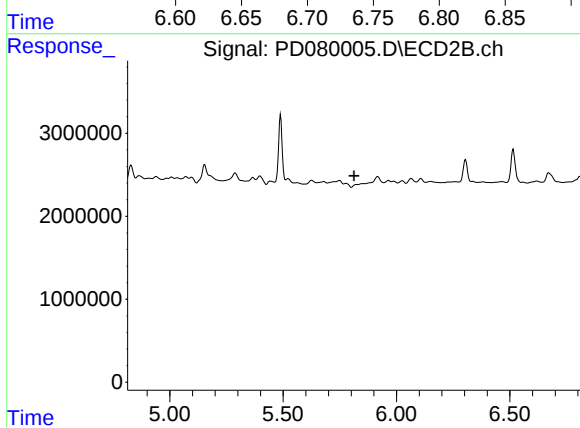
#15 Endosulfan II

R.T.: 5.965 min  
Delta R.T.: 0.006 min  
Response: 424635  
Conc: 0.16 ng/ml



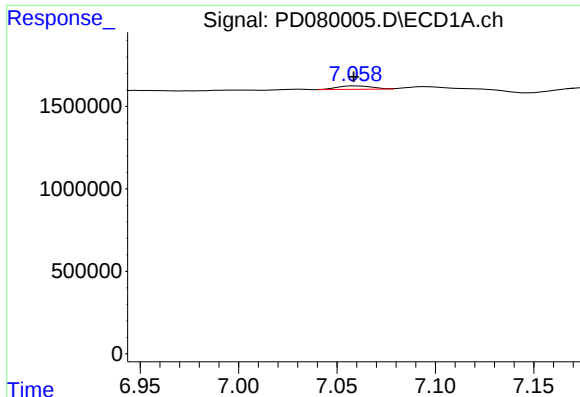
#16 4,4'-DDD

R.T.: 6.734 min  
Delta R.T.: -0.010 min  
Response: 377531  
Conc: 0.23 ng/ml



#16 4,4'-DDD

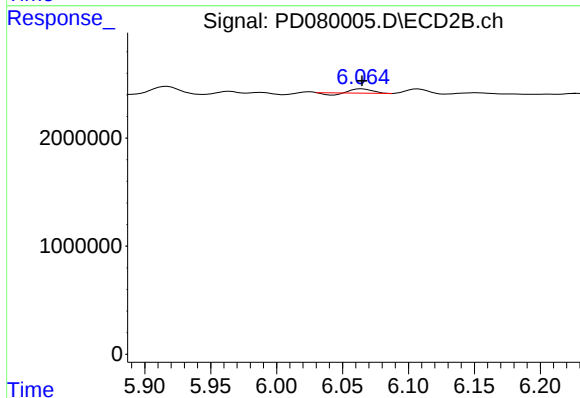
R.T.: 0.000 min  
Exp R.T.: 5.813 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

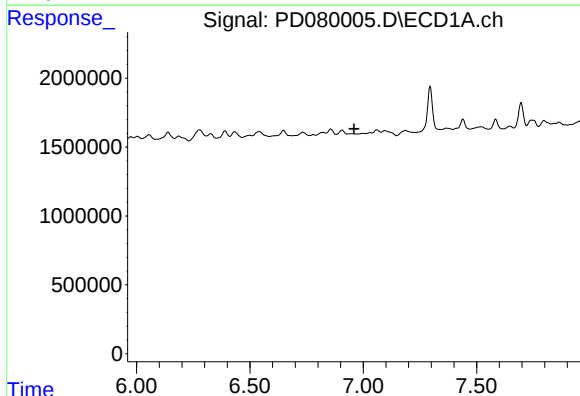
R.T.: 7.060 min  
Delta R.T.: 0.001 min  
Response: 254482  
Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34



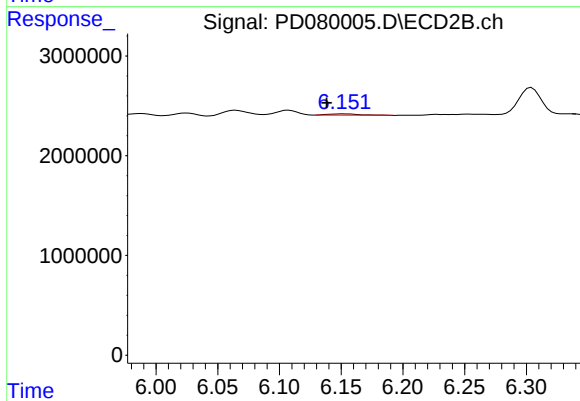
#17 4,4'-DDT

R.T.: 6.065 min  
Delta R.T.: 0.000 min  
Response: 312054  
Conc: 0.12 ng/ml



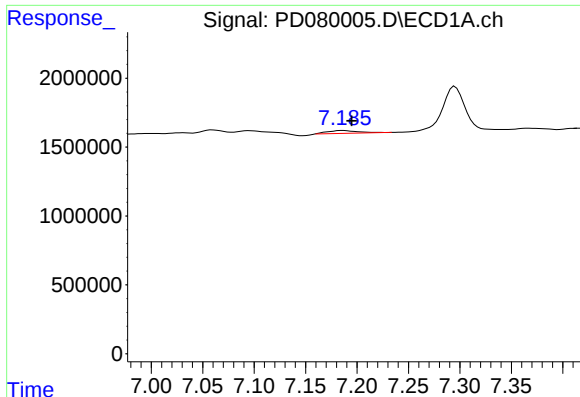
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.960 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

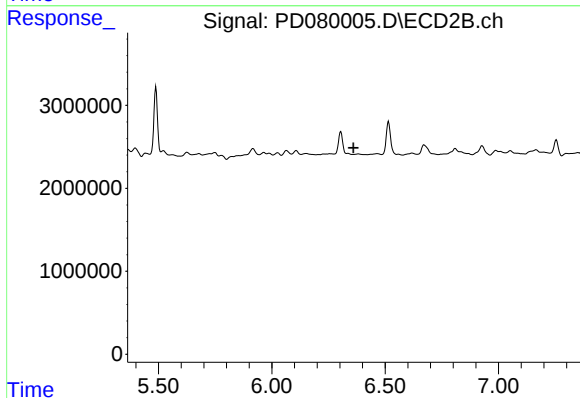
R.T.: 6.152 min  
Delta R.T.: 0.014 min  
Response: 206637  
Conc: 0.10 ng/ml



#19 Endosulfan Sulfate

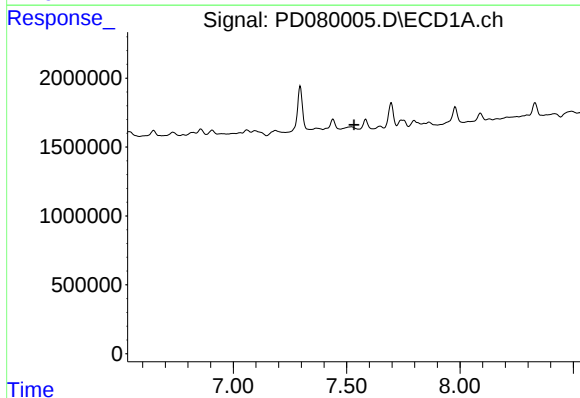
R.T.: 7.187 min  
Delta R.T.: -0.008 min  
Response: 459771  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34



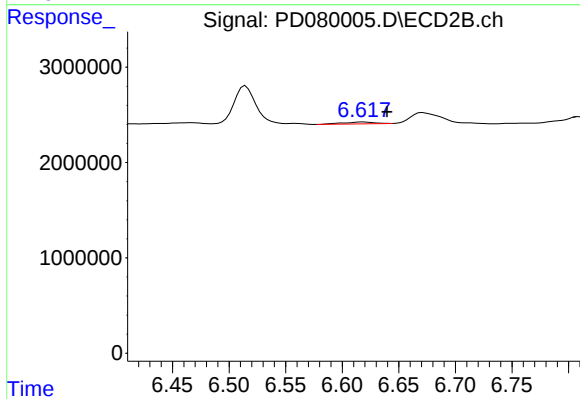
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.361 min  
Response: 0  
Conc: N.D.



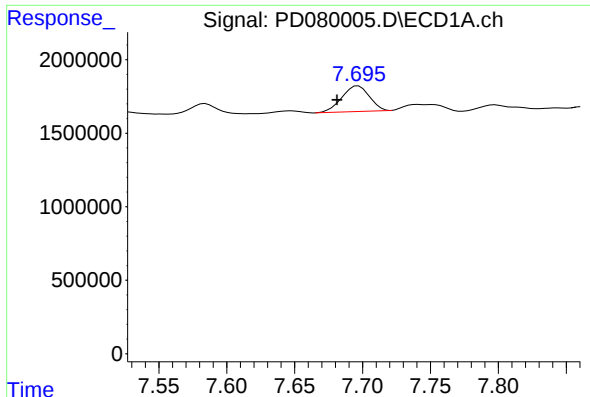
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.533 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

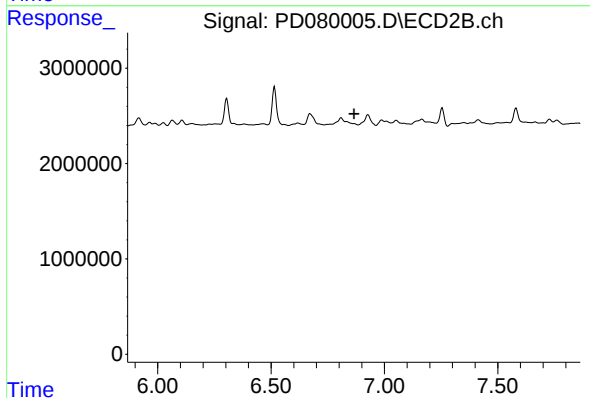
R.T.: 6.618 min  
Delta R.T.: -0.021 min  
Response: 345071  
Conc: 0.24 ng/ml



#21 Endrin ketone

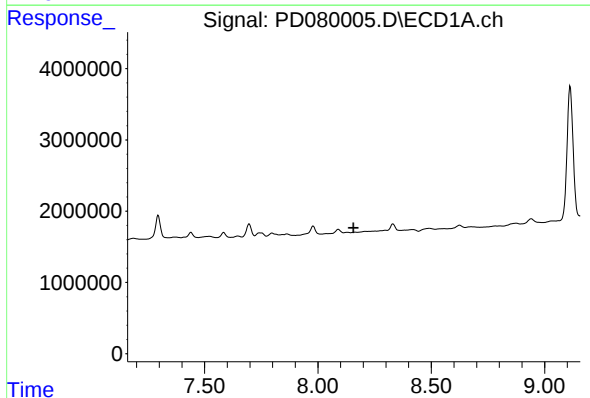
R.T.: 7.697 min  
Delta R.T.: 0.016 min  
Response: 2451096  
Conc: 1.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34



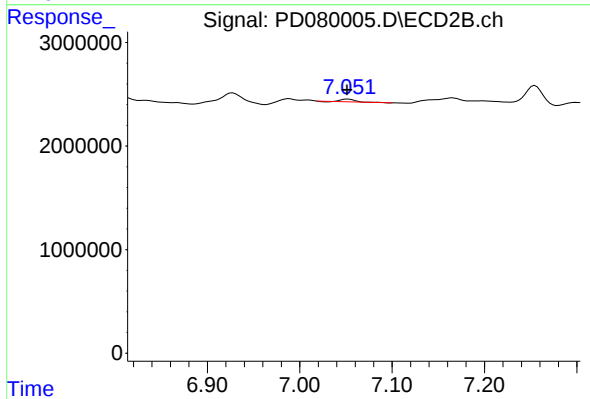
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.867 min  
Response: 0  
Conc: N.D.



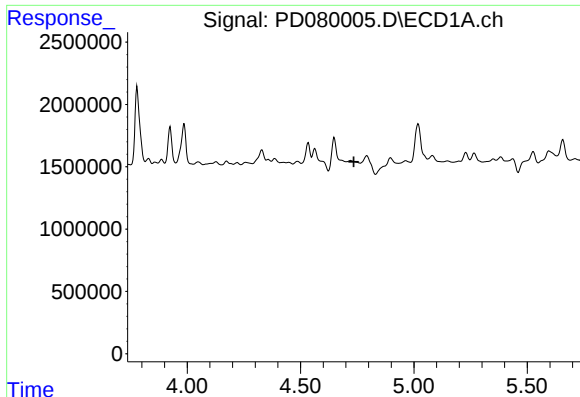
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.157 min  
Response: 0  
Conc: N.D.



#22 Mirex

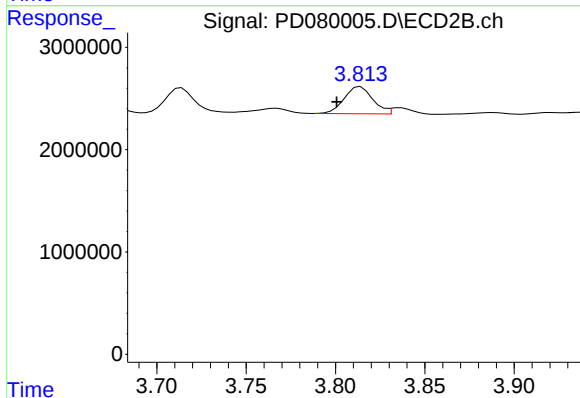
R.T.: 7.052 min  
Delta R.T.: 0.000 min  
Response: 249596  
Conc: 0.10 ng/ml



#23 Chlordane-1

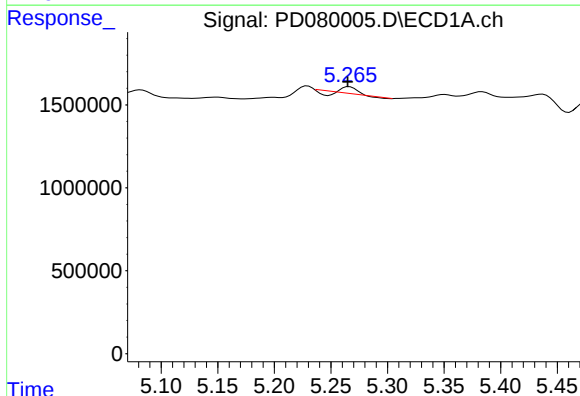
R.T.: 0.000 min  
Exp R.T.: 4.734 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34



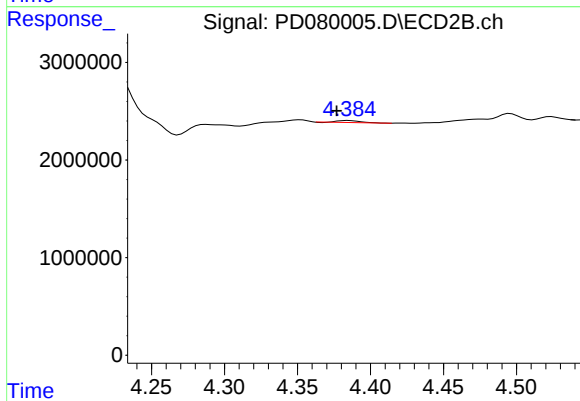
#23 Chlordane-1

R.T.: 3.814 min  
Delta R.T.: 0.013 min  
Response: 2938486  
Conc: 30.52 ng/ml



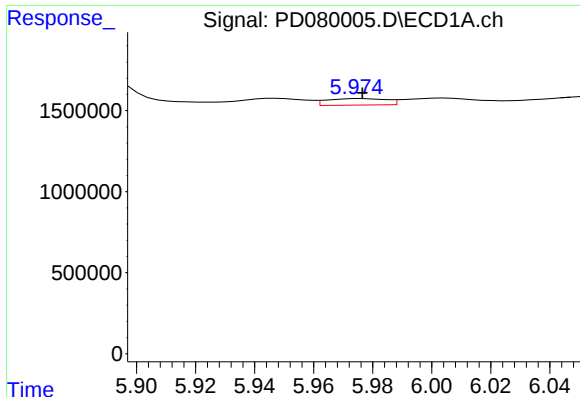
#24 Chlordane-2

R.T.: 5.266 min  
Delta R.T.: 0.001 min  
Response: 149947  
Conc: 1.96 ng/ml



#24 Chlordane-2

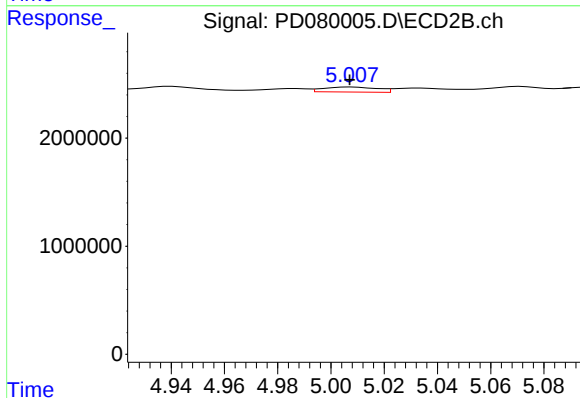
R.T.: 4.385 min  
Delta R.T.: 0.008 min  
Response: 207880  
Conc: 1.82 ng/ml



#25 Chlordane-3

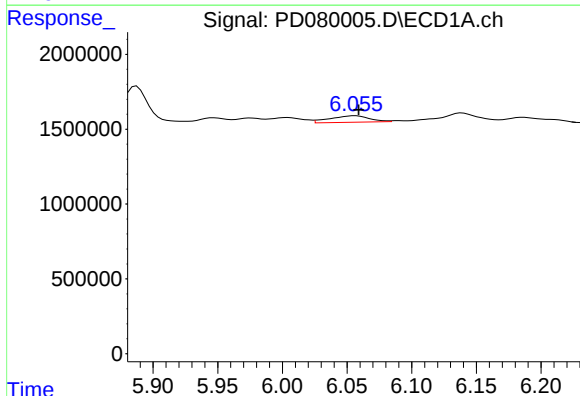
R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 560601  
Conc: 1.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34



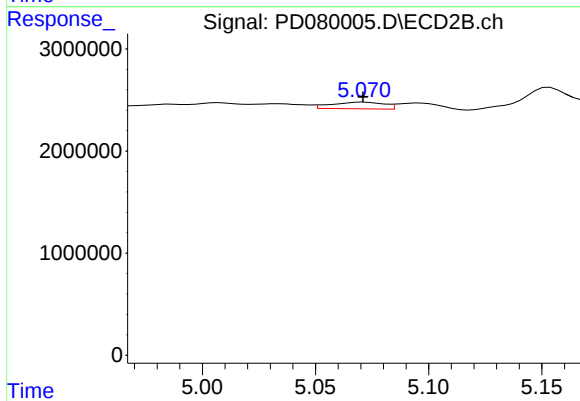
#25 Chlordane-3

R.T.: 5.008 min  
Delta R.T.: 0.000 min  
Response: 644347  
Conc: 2.05 ng/ml



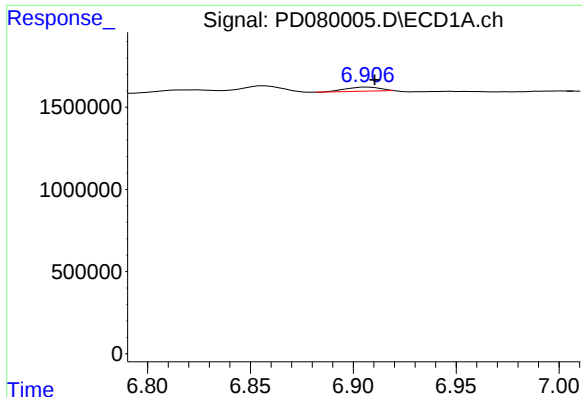
#26 Chlordane-4

R.T.: 6.056 min  
Delta R.T.: -0.003 min  
Response: 920944  
Conc: 2.54 ng/ml



#26 Chlordane-4

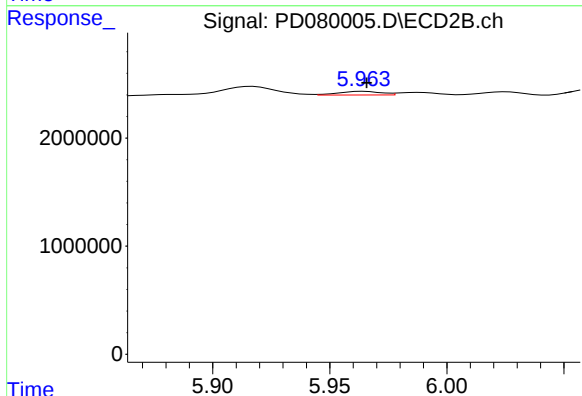
R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 1048278  
Conc: 3.56 ng/ml



#27 Chlordane-5

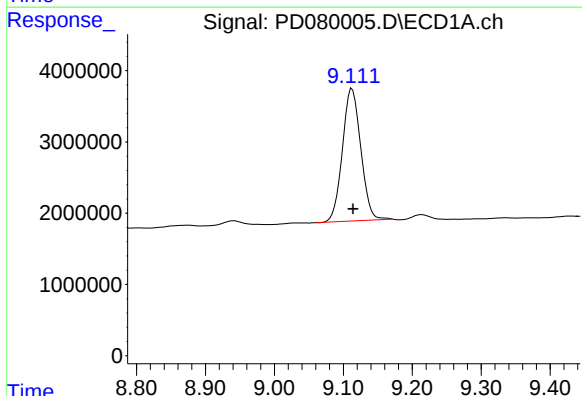
R.T.: 6.907 min  
Delta R.T.: -0.003 min  
Response: 298828  
Conc: 4.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34



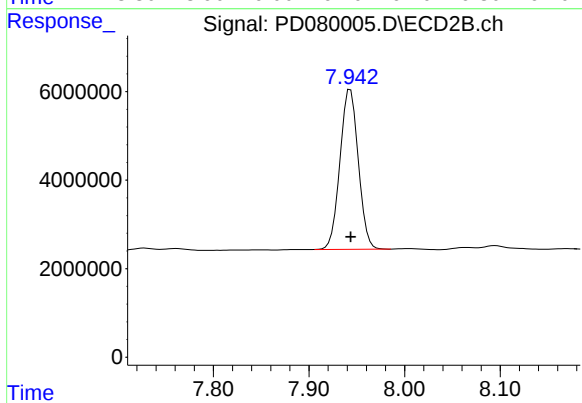
#27 Chlordane-5

R.T.: 5.965 min  
Delta R.T.: -0.001 min  
Response: 424635  
Conc: 3.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.113 min  
Delta R.T.: -0.001 min  
Response: 34507790  
Conc: 17.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.943 min  
Delta R.T.: 0.000 min  
Response: 48243928  
Conc: 17.11 ng/ml