

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062423\  
 Data File : PD076061.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jun 2023 19:09  
 Operator : AR\AJ  
 Sample : 03337-07  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 WC-9

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 22 22:26:24 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 16 10:43:19 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.545  | 2.766  | 41182531 | 21376015 | 19.333 | 19.703  |
| 28)                         | SA Decachlor... | 9.085  | 7.911  | 43772357 | 19329388 | 17.278 | 19.768  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.263  | 0        | 124428   | N.D.   | 0.078 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.607  | 0        | 230310   | N.D.   | 0.156 # |
| 4)                          | MA Heptachlor   | 4.942f | 0.000  | 382086   | 0        | 0.107  | N.D. #  |
| 6)                          | B beta-BHC      | 4.540  | 3.903  | 517500   | 169352   | 0.360  | 0.266 # |
| 7)                          | B delta-BHC     | 4.764f | 0.000  | 3018397  | 0        | 0.908  | N.D. #  |
| 8)                          | B Heptachlo...  | 5.696  | 0.000  | 1431956  | 0        | 0.444  | N.D. #  |
| 9)                          | A Endosulfan I  | 6.106f | 0.000  | 279719   | 0        | 0.093  | N.D. #  |
| 10)                         | B gamma-Chl...  | 5.948  | 0.000  | 233786   | 0        | 0.073  | N.D. #  |
| 11)                         | B alpha-Chl...  | 6.055f | 0.000  | 334879   | 0        | 0.104  | N.D. #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.253f | 0        | 191994   | N.D.   | 0.172 # |
| 13)                         | MA Dieldrin     | 6.357  | 5.356  | 635978   | 352398   | 0.204  | 0.261 # |
| 14)                         | MA Endrin       | 0.000  | 5.649f | 0        | 157014   | N.D.   | 0.129 # |
| 15)                         | B Endosulfa...  | 6.785f | 5.928  | 321603   | 140102   | 0.124  | 0.130   |
| 16)                         | A 4,4'-DDD      | 6.720  | 0.000  | 292030   | 0        | 0.128  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 7.038  | 6.036  | 70558    | 240006   | 0.031  | 0.295 # |
| 19)                         | B Endosulfa...  | 7.201f | 0.000  | 1441528  | 0        | 0.572  | N.D. #  |
| 21)                         | B Endrin ke...  | 7.684f | 0.000  | 2049473  | 0        | 0.736  | N.D. #  |
| 23)                         | Chlordane-1     | 0.000  | 3.774  | 0        | 197307   | N.D.   | 4.311 # |
| 25)                         | Chlordane-3     | 5.948  | 0.000  | 233786   | 0        | 0.450  | N.D. #  |
| 26)                         | Chlordane-4     | 6.055f | 0.000  | 334879   | 0        | 0.531  | N.D. #  |
| 27)                         | Chlordane-5     | 0.000  | 5.928  | 0        | 140102   | N.D.   | 2.897 # |
| -----                       |                 |        |        |          |          |        |         |

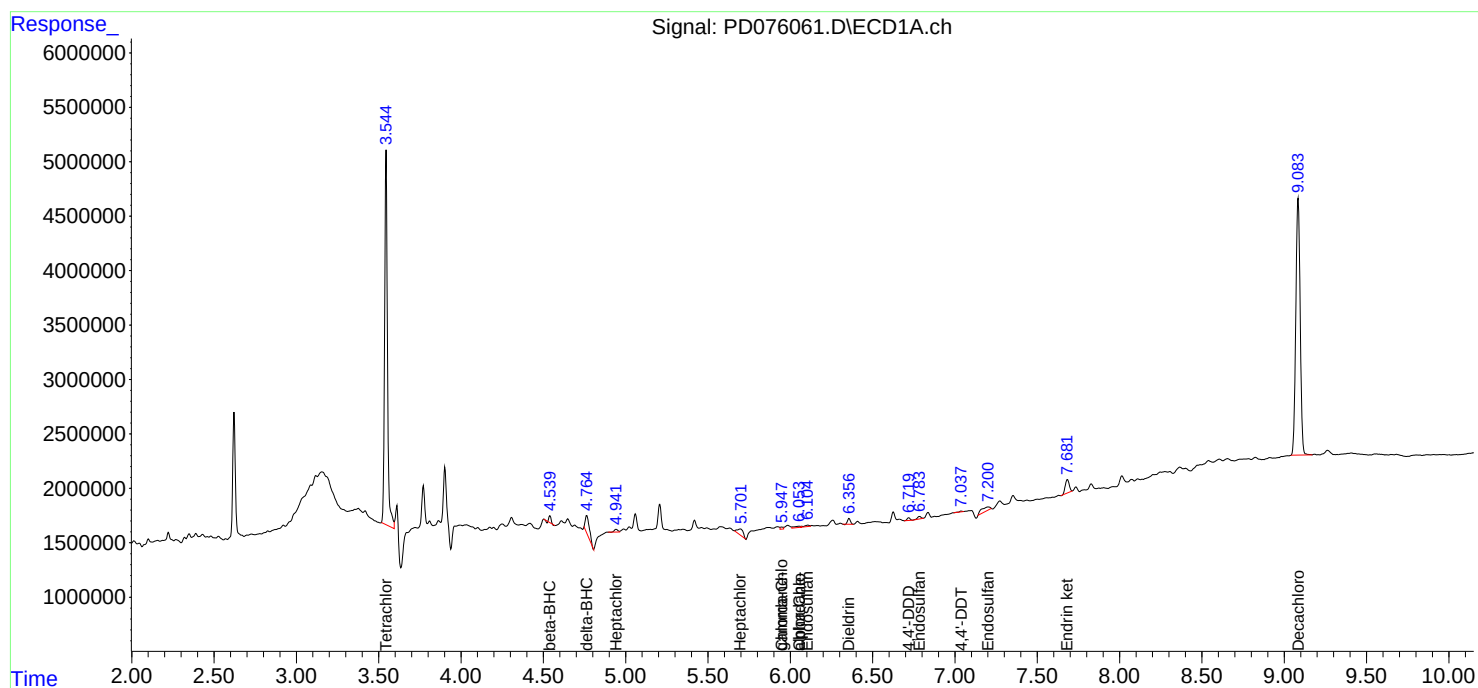
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

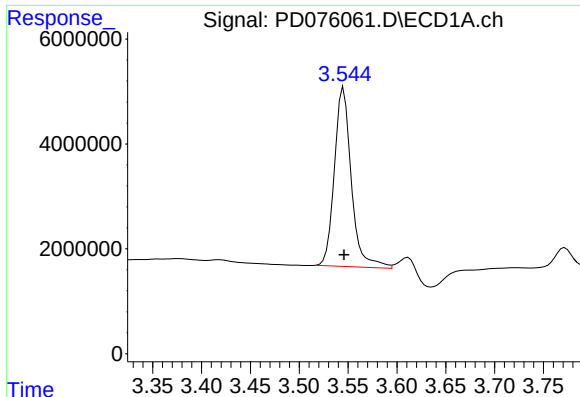
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062423\  
Data File : PD076061.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jun 2023 19:09  
Operator : AR\AJ  
Sample : 03337-07  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
WC-9

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 22 22:26:24 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 16 10:43:19 2023  
Response via : Initial Calibration  
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Volume Inj. : 2 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

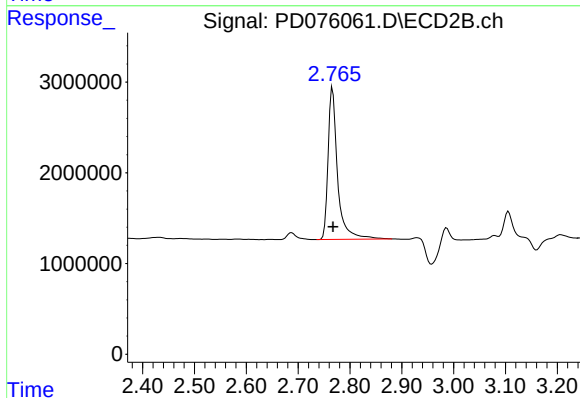




#1 Tetrachloro-m-xylene

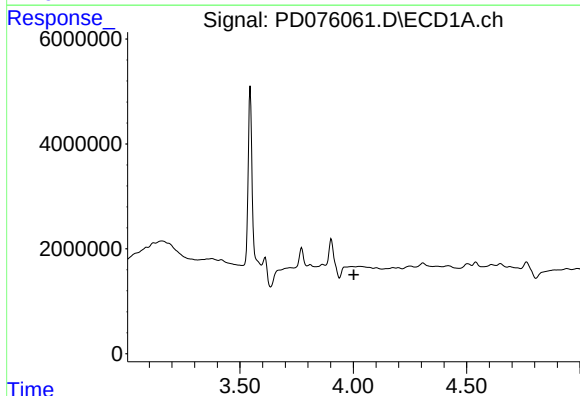
R.T.: 3.545 min  
Delta R.T.: 0.000 min  
Response: 41182531  
Conc: 19.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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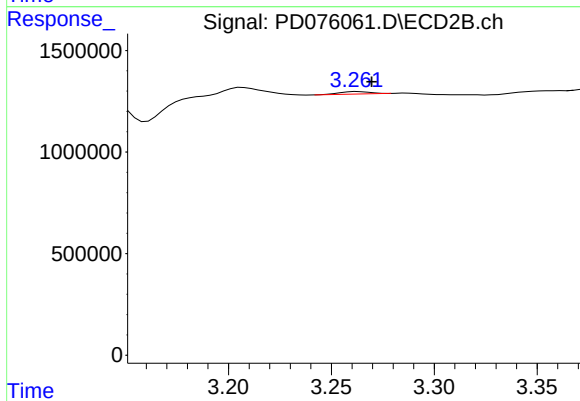
#1 Tetrachloro-m-xylene

R.T.: 2.766 min  
Delta R.T.: 0.000 min  
Response: 21376015  
Conc: 19.70 ng/ml



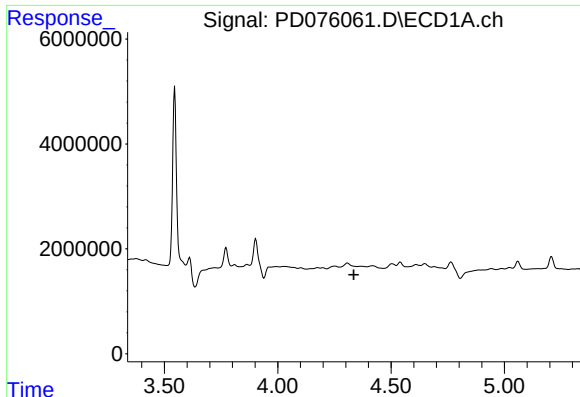
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.003 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

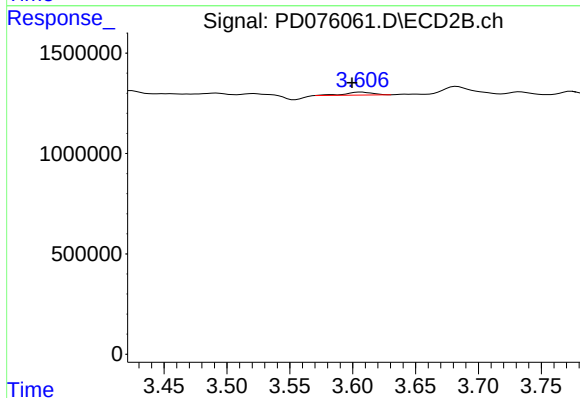
R.T.: 3.263 min  
Delta R.T.: -0.007 min  
Response: 124428  
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

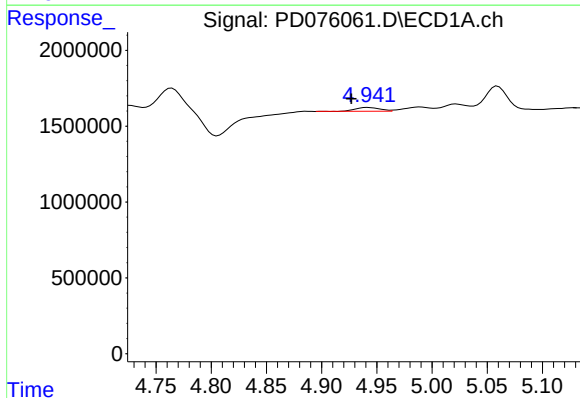
R.T.: 0.000 min  
Exp R.T.: 4.336 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
WC-9



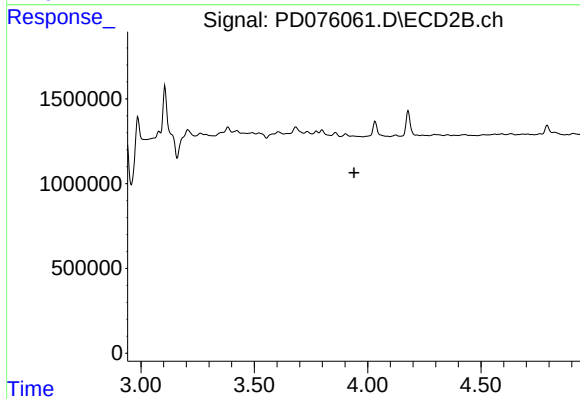
#3 gamma-BHC (Lindane)

R.T.: 3.607 min  
Delta R.T.: 0.007 min  
Response: 230310  
Conc: 0.16 ng/ml



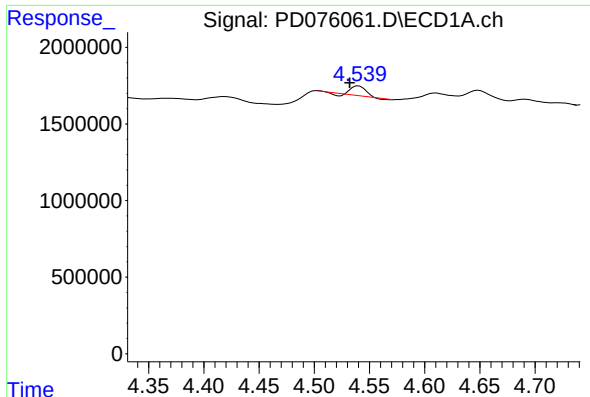
#4 Heptachlor

R.T.: 4.942 min  
Delta R.T.: 0.015 min  
Response: 382086  
Conc: 0.11 ng/ml



#4 Heptachlor

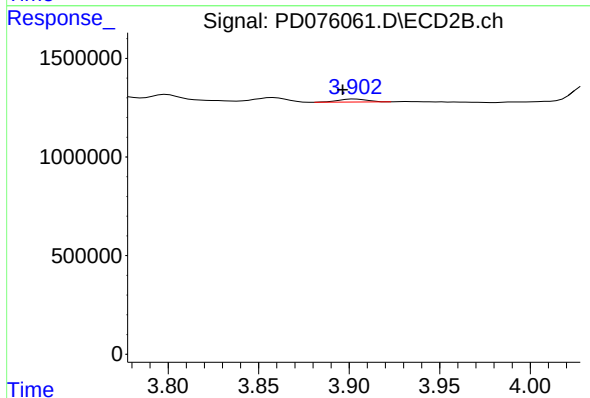
R.T.: 0.000 min  
Exp R.T.: 3.940 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

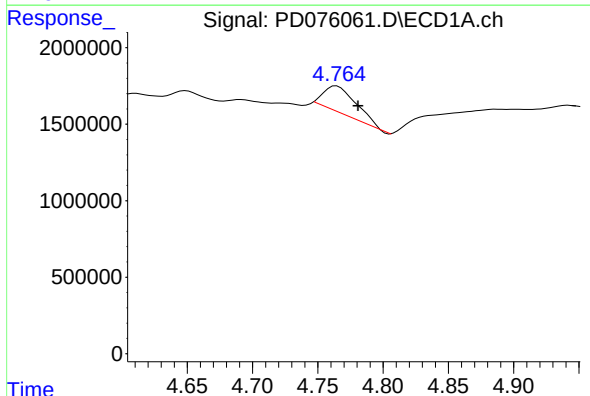
R.T.: 4.540 min  
Delta R.T.: 0.008 min  
Response: 517500  
Conc: 0.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-9



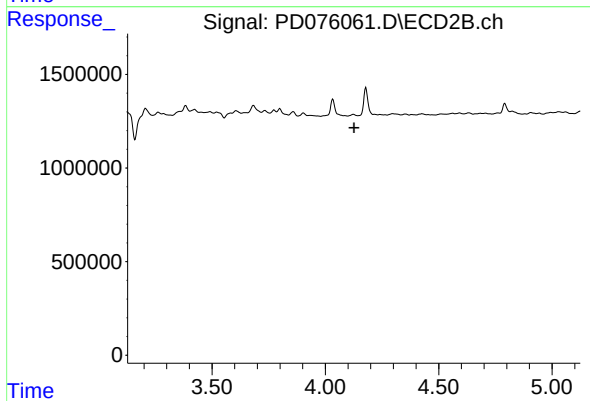
#6 beta-BHC

R.T.: 3.903 min  
Delta R.T.: 0.007 min  
Response: 169352  
Conc: 0.27 ng/ml



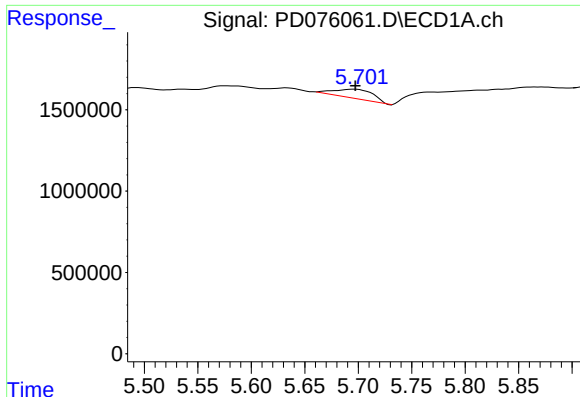
#7 delta-BHC

R.T.: 4.764 min  
Delta R.T.: -0.017 min  
Response: 3018397  
Conc: 0.91 ng/ml



#7 delta-BHC

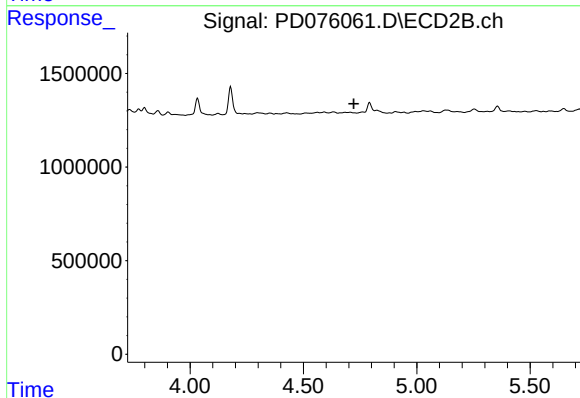
R.T.: 0.000 min  
Exp R.T. : 4.127 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

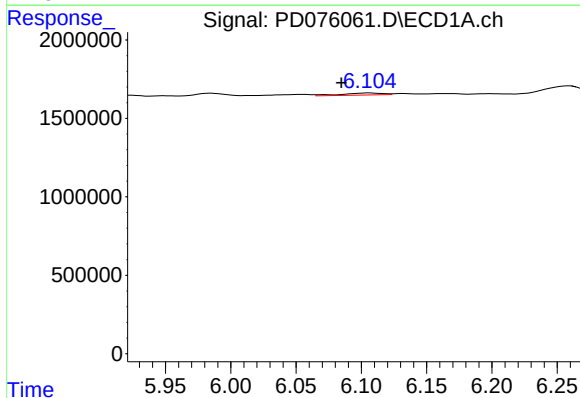
R.T.: 5.696 min  
Delta R.T.: -0.001 min  
Response: 1431956  
Conc: 0.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-9



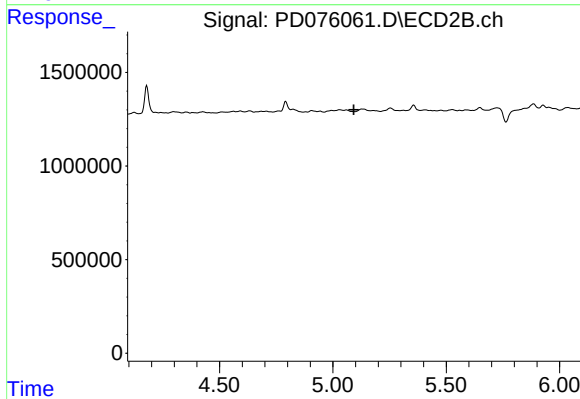
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.723 min  
Response: 0  
Conc: N.D.



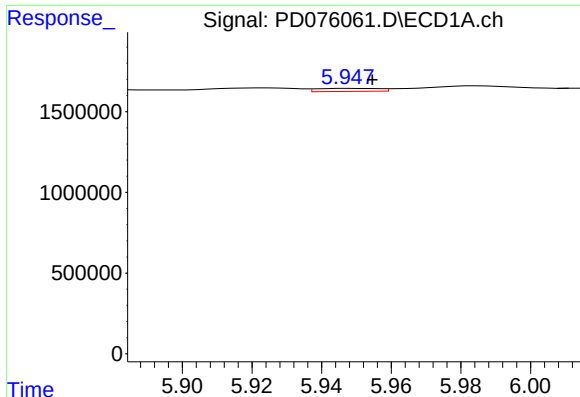
#9 Endosulfan I

R.T.: 6.106 min  
Delta R.T.: 0.021 min  
Response: 279719  
Conc: 0.09 ng/ml



#9 Endosulfan I

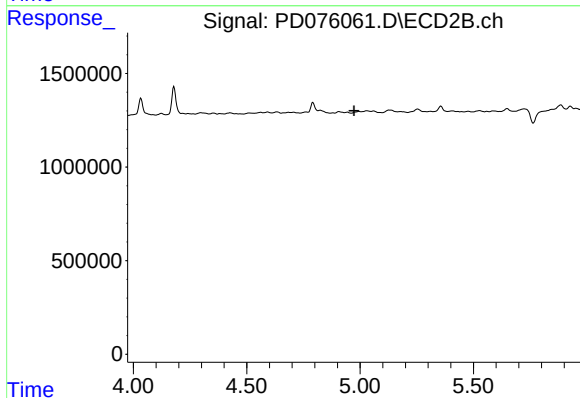
R.T.: 0.000 min  
Exp R.T. : 5.093 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

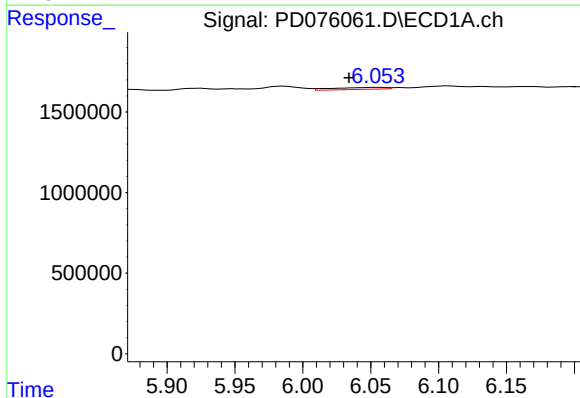
R.T.: 5.948 min  
Delta R.T.: -0.007 min  
Response: 233786  
Conc: 0.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-9



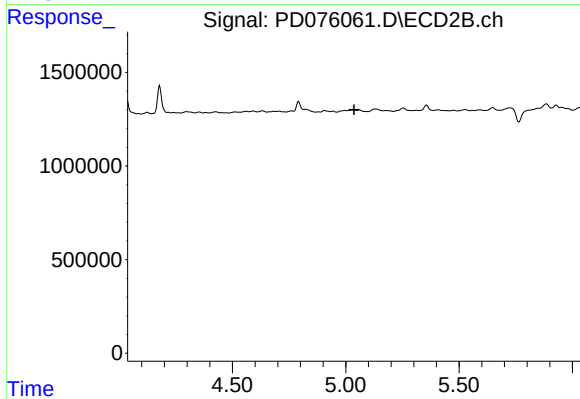
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 4.973 min  
Response: 0  
Conc: N.D.



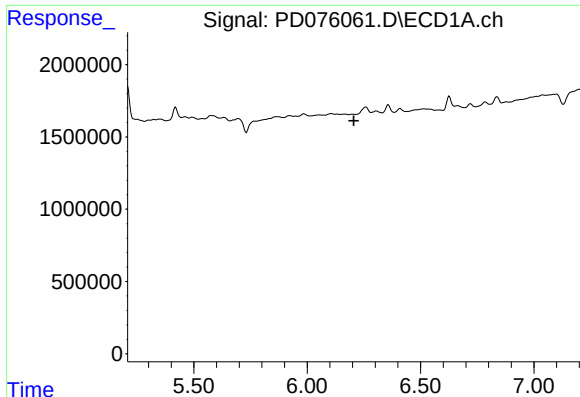
#11 alpha-Chlordane

R.T.: 6.055 min  
Delta R.T.: 0.021 min  
Response: 334879  
Conc: 0.10 ng/ml



#11 alpha-Chlordane

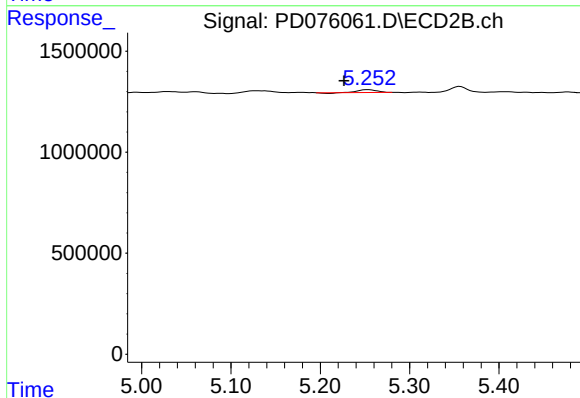
R.T.: 0.000 min  
Exp R.T. : 5.037 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

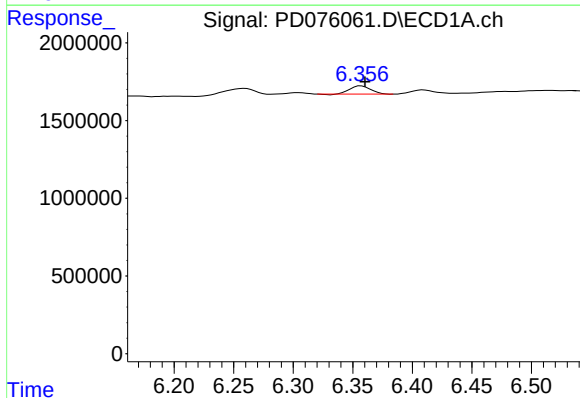
R.T.: 0.000 min  
Exp R.T.: 6.206 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
WC-9



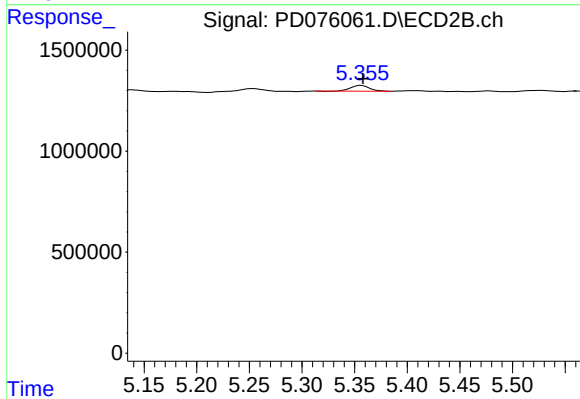
#12 4,4'-DDE

R.T.: 5.253 min  
Delta R.T.: 0.027 min  
Response: 191994  
Conc: 0.17 ng/ml



#13 Dieldrin

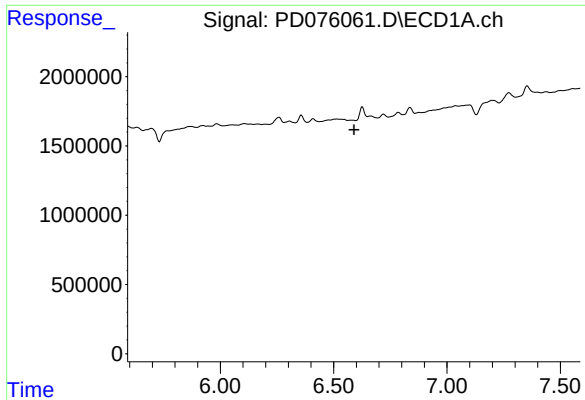
R.T.: 6.357 min  
Delta R.T.: -0.003 min  
Response: 635978  
Conc: 0.20 ng/ml



#13 Dieldrin

R.T.: 5.356 min  
Delta R.T.: -0.002 min  
Response: 352398  
Conc: 0.26 ng/ml

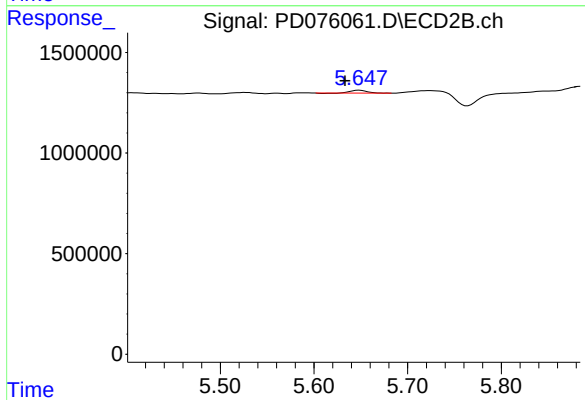




#14 Endrin

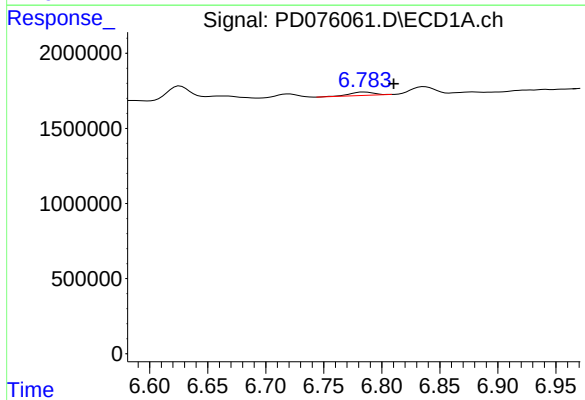
R.T.: 0.000 min  
Exp R.T.: 6.591 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
WC-9



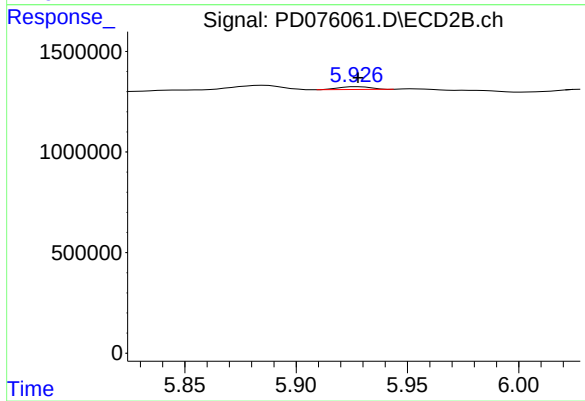
#14 Endrin

R.T.: 5.649 min  
Delta R.T.: 0.016 min  
Response: 157014  
Conc: 0.13 ng/ml



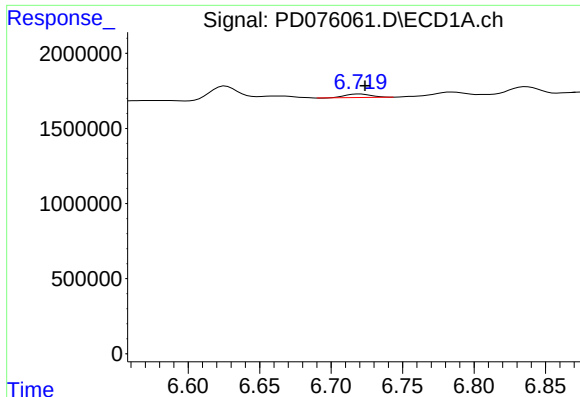
#15 Endosulfan II

R.T.: 6.785 min  
Delta R.T.: -0.025 min  
Response: 321603  
Conc: 0.12 ng/ml



#15 Endosulfan II

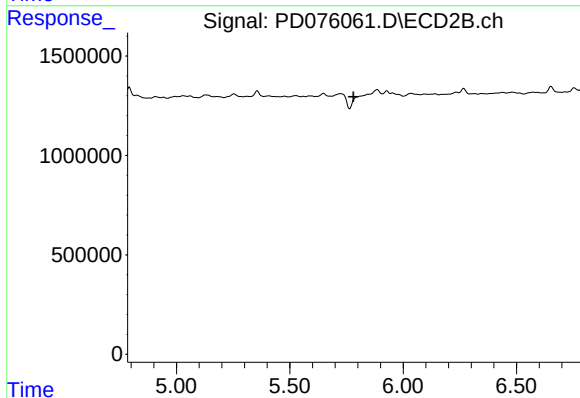
R.T.: 5.928 min  
Delta R.T.: 0.000 min  
Response: 140102  
Conc: 0.13 ng/ml



#16 4,4'-DDD

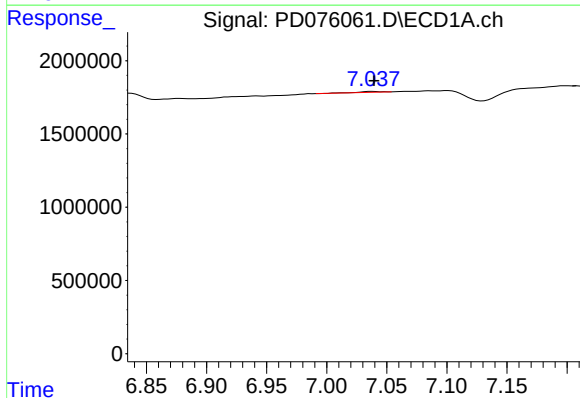
R.T.: 6.720 min  
Delta R.T.: -0.004 min  
Response: 292030  
Conc: 0.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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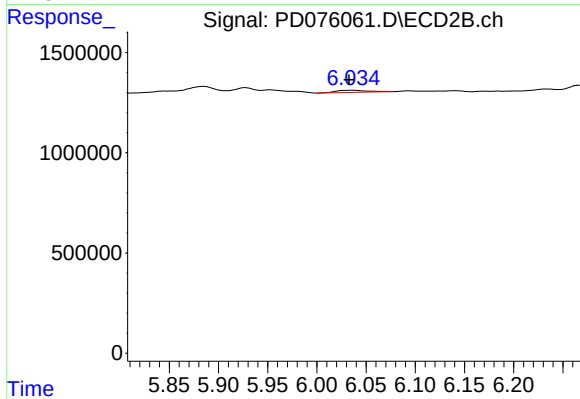
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.781 min  
Response: 0  
Conc: N.D.



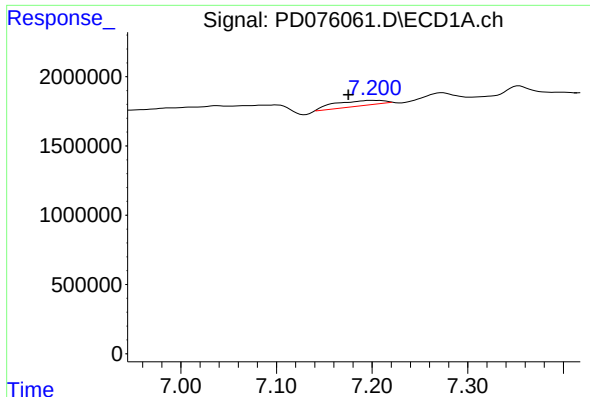
#17 4,4'-DDT

R.T.: 7.038 min  
Delta R.T.: -0.002 min  
Response: 70558  
Conc: 0.03 ng/ml



#17 4,4'-DDT

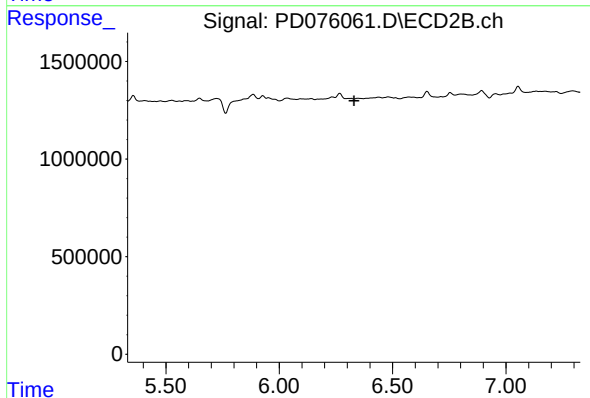
R.T.: 6.036 min  
Delta R.T.: 0.003 min  
Response: 240006  
Conc: 0.30 ng/ml



#19 Endosulfan Sulfate

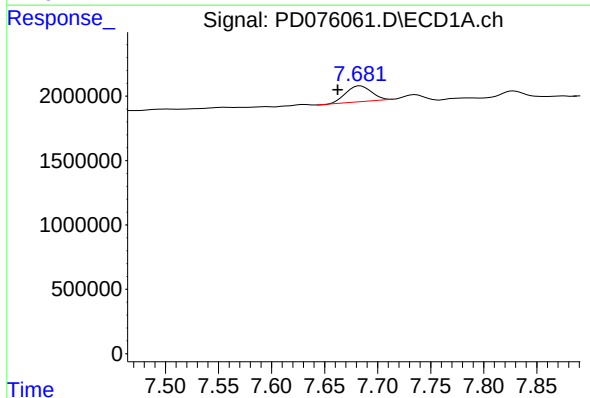
R.T.: 7.201 min  
Delta R.T.: 0.026 min  
Response: 1441528  
Conc: 0.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-9



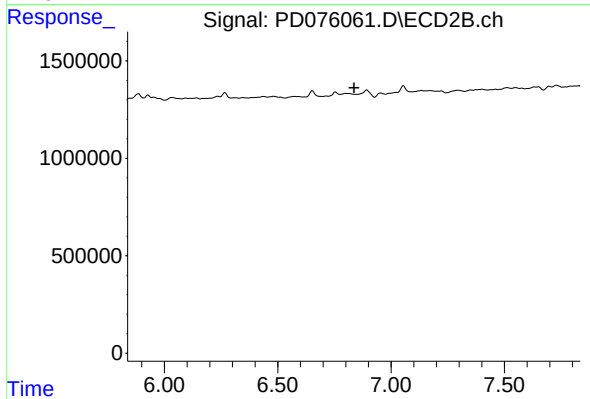
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.331 min  
Response: 0  
Conc: N.D.



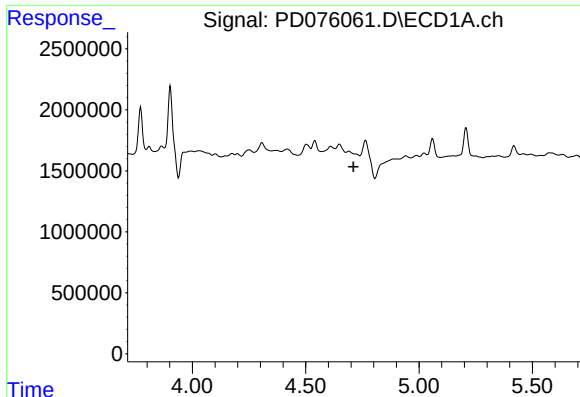
#21 Endrin ketone

R.T.: 7.684 min  
Delta R.T.: 0.021 min  
Response: 2049473  
Conc: 0.74 ng/ml



#21 Endrin ketone

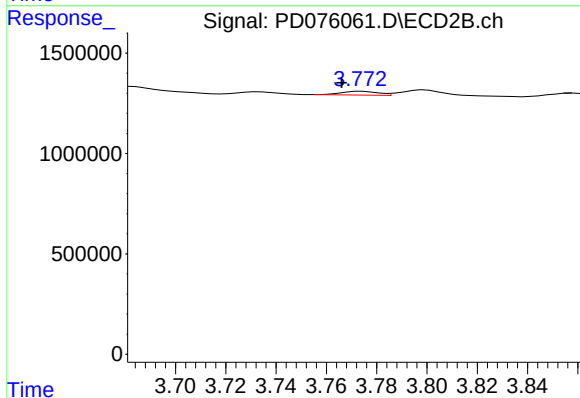
R.T.: 0.000 min  
Exp R.T. : 6.837 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

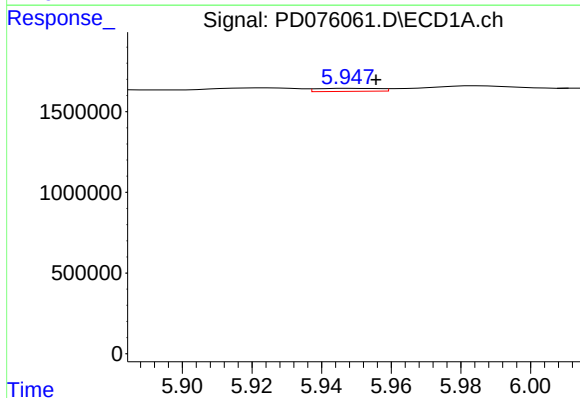
R.T.: 0.000 min  
Exp R.T.: 4.711 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
WC-9



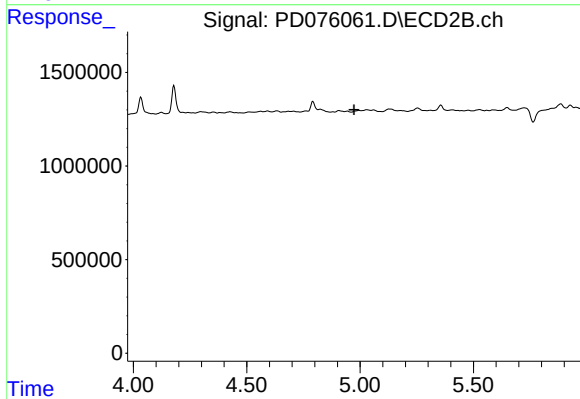
#23 Chlordane-1

R.T.: 3.774 min  
Delta R.T.: 0.008 min  
Response: 197307  
Conc: 4.31 ng/ml



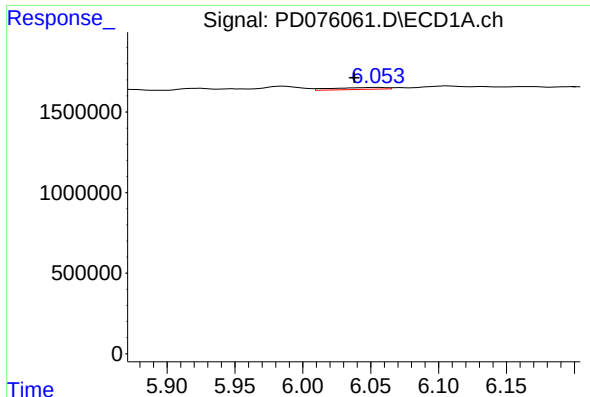
#25 Chlordane-3

R.T.: 5.948 min  
Delta R.T.: -0.008 min  
Response: 233786  
Conc: 0.45 ng/ml



#25 Chlordane-3

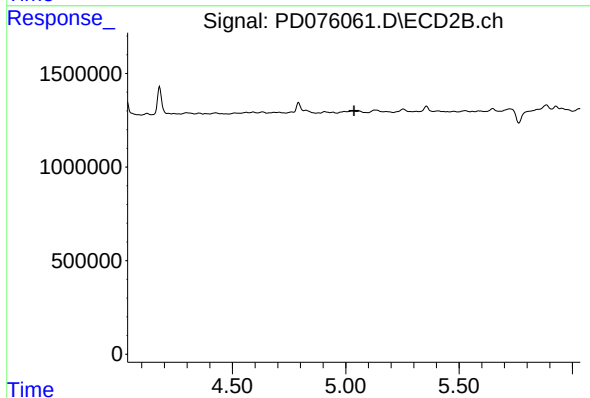
R.T.: 0.000 min  
Exp R.T.: 4.974 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

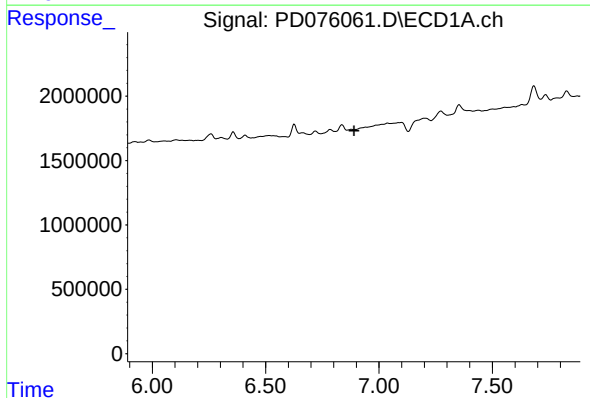
R.T.: 6.055 min  
Delta R.T.: 0.017 min  
Response: 334879  
Conc: 0.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-9



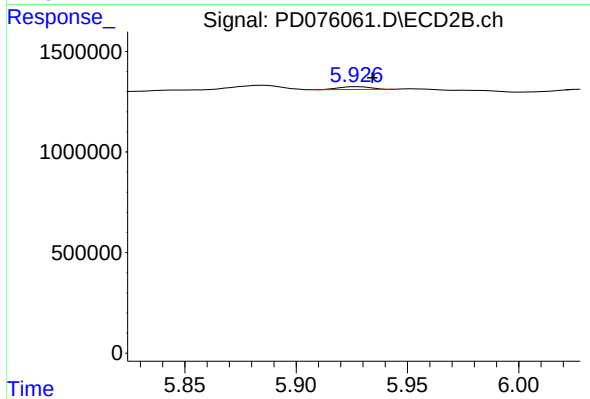
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 5.037 min  
Response: 0  
Conc: N.D.



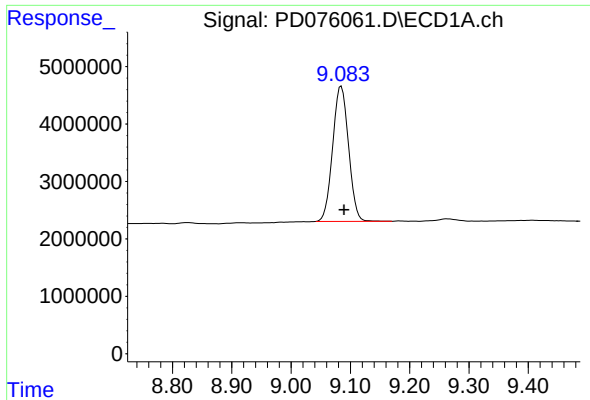
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.890 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

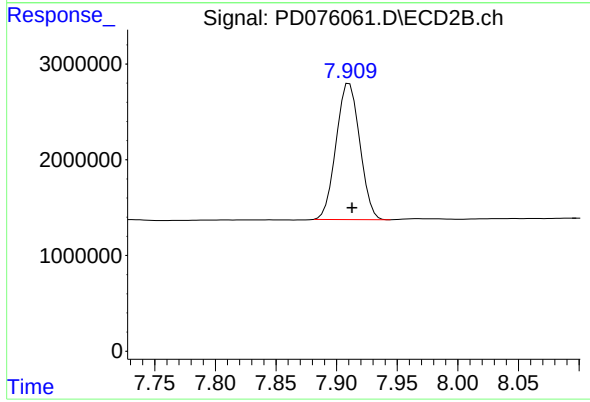
R.T.: 5.928 min  
Delta R.T.: -0.007 min  
Response: 140102  
Conc: 2.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min  
Delta R.T.: -0.005 min  
Response: 43772357  
Conc: 17.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-9



#28 Decachlorobiphenyl

R.T.: 7.911 min  
Delta R.T.: -0.002 min  
Response: 19329388  
Conc: 19.77 ng/ml