

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081624\  
 Data File : PL091185.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Aug 2024 00:03  
 Operator : AR\AJ  
 Sample : P3518-21RE  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OU4-TS-11-080724RE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 27 08:27:22 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 13:09:19 2024  
 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 x0.5µm

|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml     |
|-----------------------------|-----------------|-------|--------|----------|----------|--------|-----------|
| -----                       |                 |       |        |          |          |        |           |
| System Monitoring Compounds |                 |       |        |          |          |        |           |
| 1)                          | SA Tetrachlo... | 3.544 | 2.785  | 19170012 | 17334655 | 8.928  | 8.880     |
| 2)                          | SA Decachlor... | 9.054 | 7.924  | 8435148  | 10025537 | 5.533  | 5.293     |
| Target Compounds            |                 |       |        |          |          |        |           |
| 3)                          | MA gamma-BHC... | 0.000 | 3.615  | 0        | 146798   | N.D.   | 0.056 #   |
| 4)                          | MA Heptachlor   | 4.920 | 3.958  | 11820991 | 9258271  | 4.439  | 3.585     |
| 5)                          | MB Aldrin       | 0.000 | 4.254f | 0        | 993225   | N.D.   | 0.404 #   |
| 7)                          | B delta-BHC     | 0.000 | 4.143  | 0        | 1254718  | N.D.   | 0.495 #   |
| 8)                          | B Heptachlo...  | 5.674 | 0.000  | 3294752  | 0        | 1.347  | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.944 | 5.013f | 19404815 | 28734128 | 8.030  | 12.155 #  |
| 11)                         | B alpha-Chl...  | 6.025 | 5.053  | 31655632 | 16887292 | 13.148 | 7.178 #   |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.242  | 2945416  | 2659693  | 1.408  | 1.273     |
| 13)                         | MA Dieldrin     | 0.000 | 5.376  | 0        | 2511504  | N.D.   | 1.103 #   |
| 14)                         | MA Endrin       | 0.000 | 5.666  | 0        | 904722   | N.D.   | 0.444 #   |
| 15)                         | B Endosulfa...  | 0.000 | 5.948  | 0        | 6123479  | N.D.   | 3.165 #   |
| 16)                         | A 4,4'-DDD      | 0.000 | 5.795  | 0        | 505664   | N.D.   | 0.306 #   |
| 17)                         | MA 4,4'-DDT     | 0.000 | 6.044  | 0        | 3283637  | N.D.   | 1.848 #   |
| 18)                         | B Endrin al...  | 0.000 | 6.147f | 0        | 184209   | N.D.   | 0.118 #   |
| 19)                         | B Endosulfa...  | 0.000 | 6.368f | 0        | 874922   | N.D.   | 0.454 #   |
| 23)                         | Chlordane-1     | 4.704 | 3.783  | 7463396  | 6527464  | 77.484 | 89.537    |
| 24)                         | Chlordane-2     | 0.000 | 4.360  | 0        | 10129971 | N.D.   | 107.817 # |
| 25)                         | Chlordane-3     | 5.944 | 5.013f | 19404815 | 28734128 | 55.869 | 118.328 # |
| 26)                         | Chlordane-4     | 6.025 | 5.053  | 31655632 | 16887292 | 75.261 | 72.425    |
| 27)                         | Chlordane-5     | 6.874 | 5.720  | 6155707  | 2219506  | 81.127 | 32.057 #  |
| -----                       |                 |       |        |          |          |        |           |

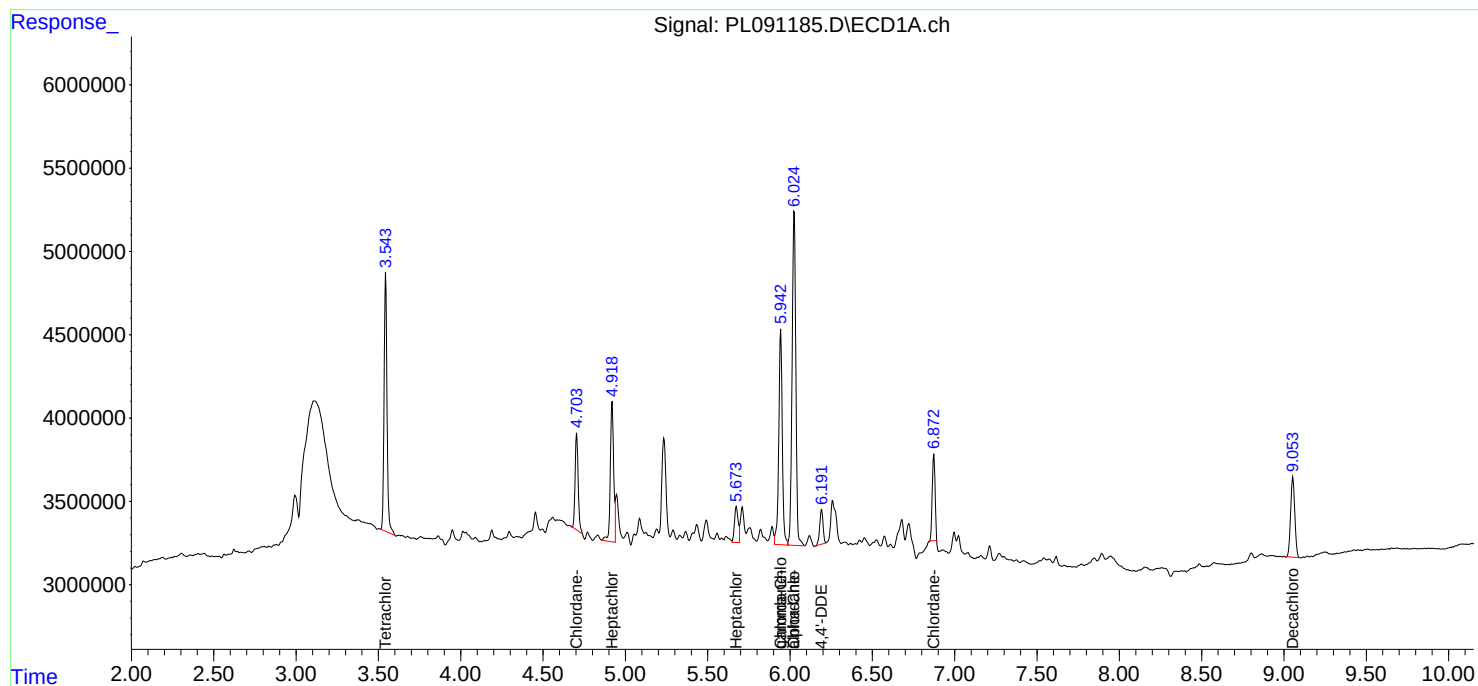
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

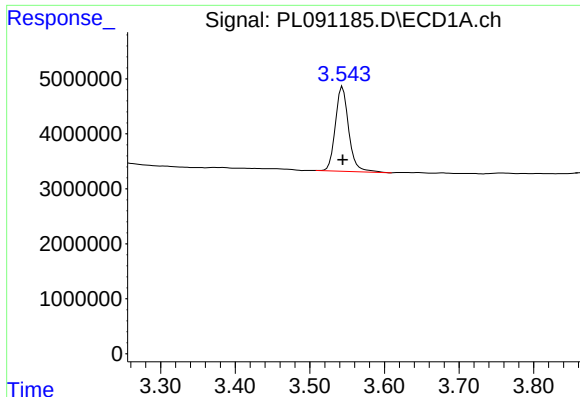
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081624\  
Data File : PL091185.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Aug 2024 00:03  
Operator : AR\AJ  
Sample : P3518-21RE  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-11-080724RE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 27 08:27:22 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 14 13:09:19 2024  
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 x0.5µm

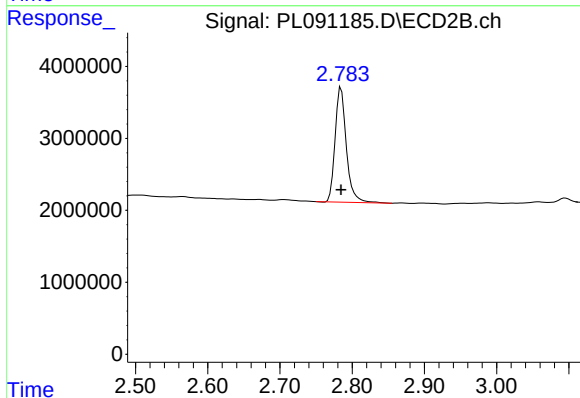




#1 Tetrachloro-m-xylene

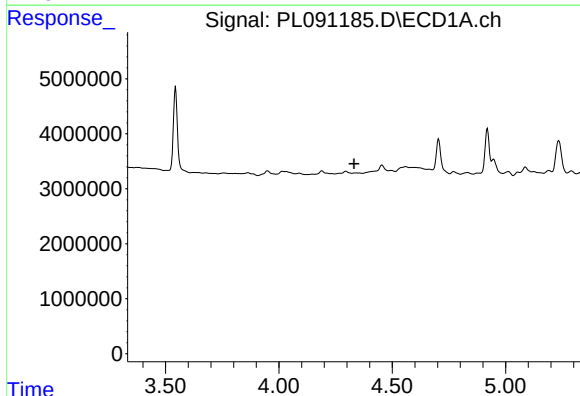
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 19170012  
Conc: 8.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-11-080724RE



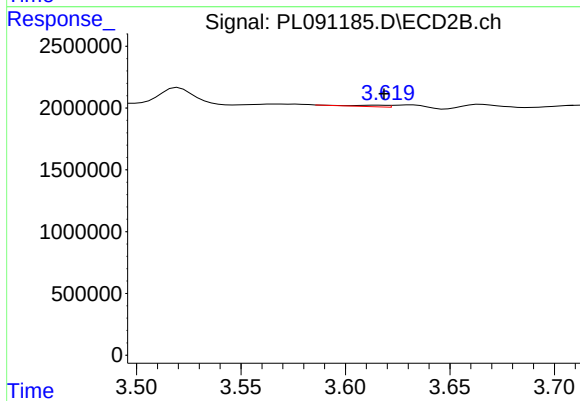
#1 Tetrachloro-m-xylene

R.T.: 2.785 min  
Delta R.T.: 0.000 min  
Response: 17334655  
Conc: 8.88 ng/ml



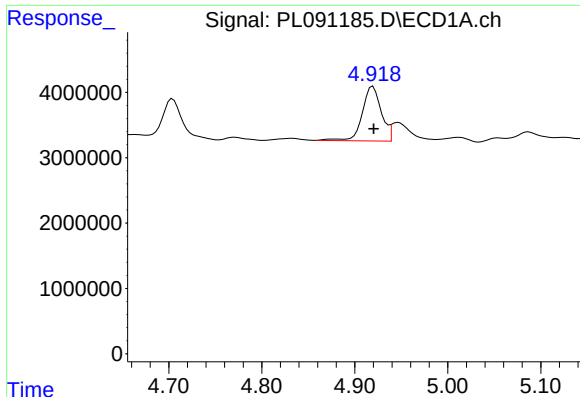
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.332 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

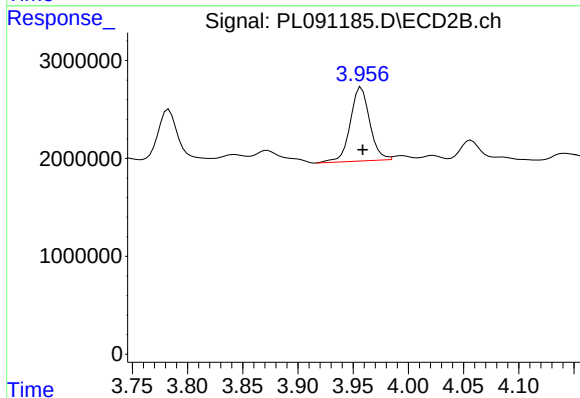
R.T.: 3.615 min  
Delta R.T.: -0.003 min  
Response: 146798  
Conc: 0.06 ng/ml



#4 Heptachlor

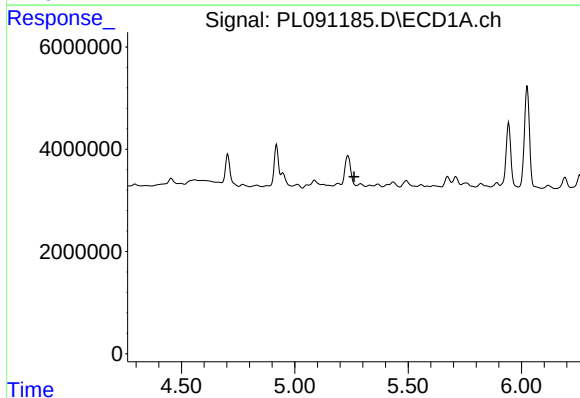
R.T.: 4.920 min  
Delta R.T.: -0.001 min  
Response: 11820991  
Conc: 4.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-11-080724RE



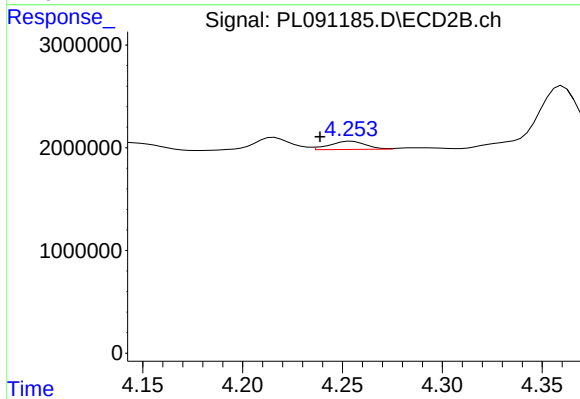
#4 Heptachlor

R.T.: 3.958 min  
Delta R.T.: -0.001 min  
Response: 9258271  
Conc: 3.58 ng/ml



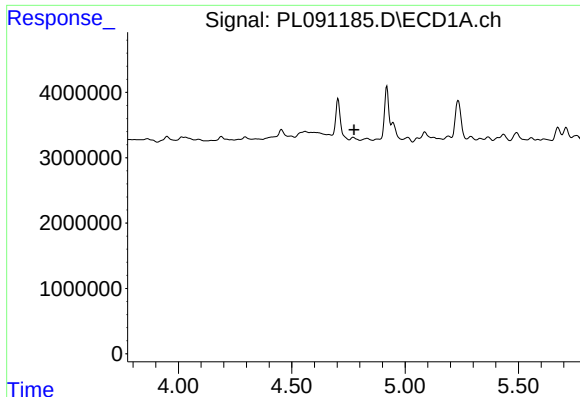
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.262 min  
Response: 0  
Conc: N.D.



#5 Aldrin

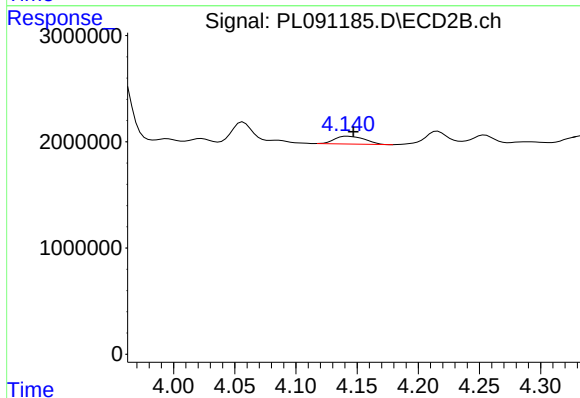
R.T.: 4.254 min  
Delta R.T.: 0.016 min  
Response: 993225  
Conc: 0.40 ng/ml



#7 delta-BHC

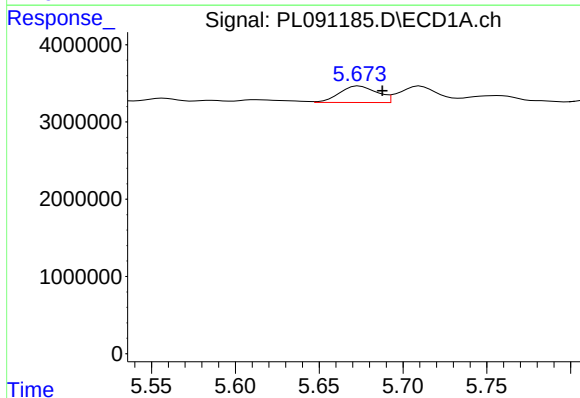
R.T.: 0.000 min  
Exp R.T.: 4.775 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-11-080724RE



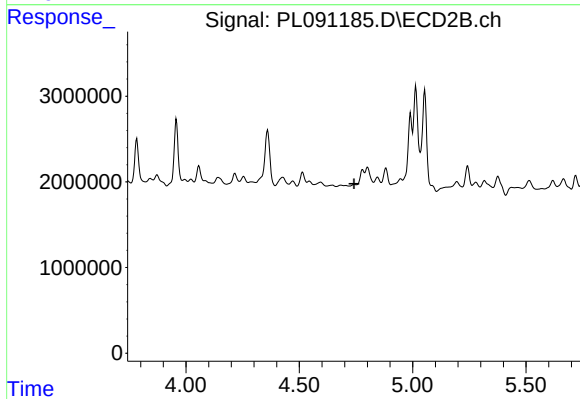
#7 delta-BHC

R.T.: 4.143 min  
Delta R.T.: -0.005 min  
Response: 1254718  
Conc: 0.50 ng/ml



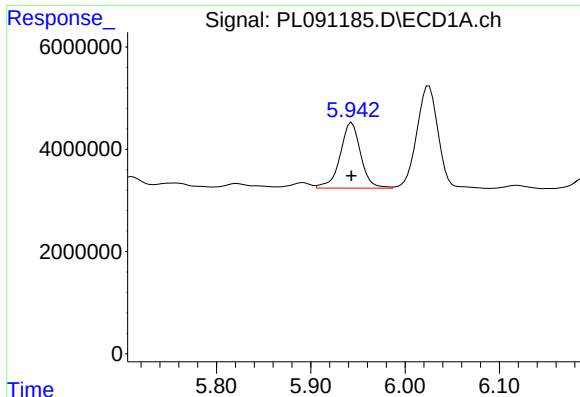
#8 Heptachlor epoxide

R.T.: 5.674 min  
Delta R.T.: -0.014 min  
Response: 3294752  
Conc: 1.35 ng/ml



#8 Heptachlor epoxide

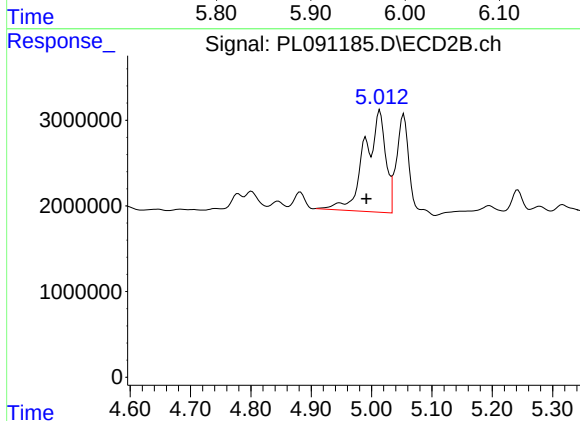
R.T.: 0.000 min  
Exp R.T.: 4.741 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

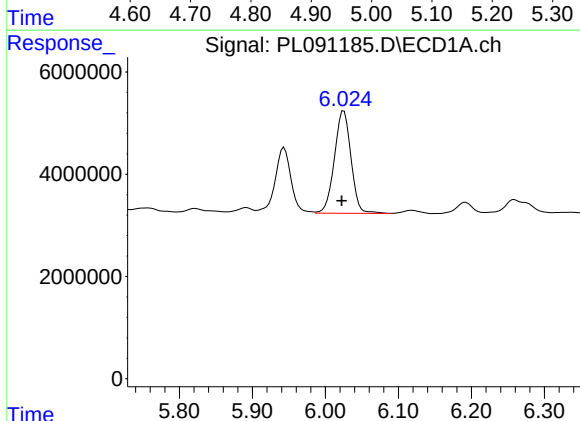
R.T.: 5.944 min  
Delta R.T.: 0.000 min  
Response: 19404815  
Conc: 8.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-11-080724RE



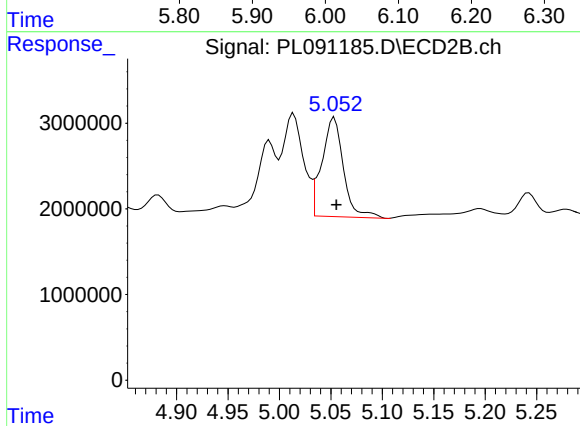
#10 gamma-Chlordane

R.T.: 5.013 min  
Delta R.T.: 0.022 min  
Response: 28734128  
Conc: 12.16 ng/ml



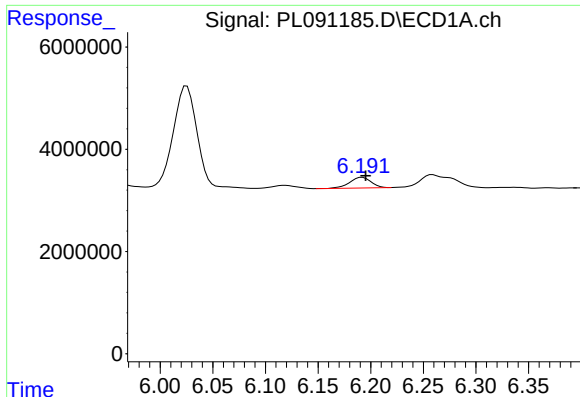
#11 alpha-Chlordane

R.T.: 6.025 min  
Delta R.T.: 0.003 min  
Response: 31655632  
Conc: 13.15 ng/ml



#11 alpha-Chlordane

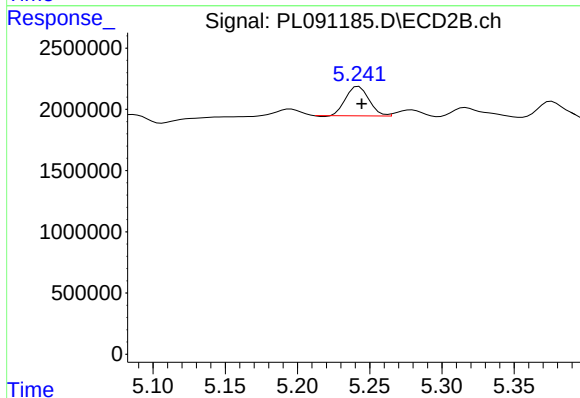
R.T.: 5.053 min  
Delta R.T.: -0.002 min  
Response: 16887292  
Conc: 7.18 ng/ml



#12 4,4'-DDE

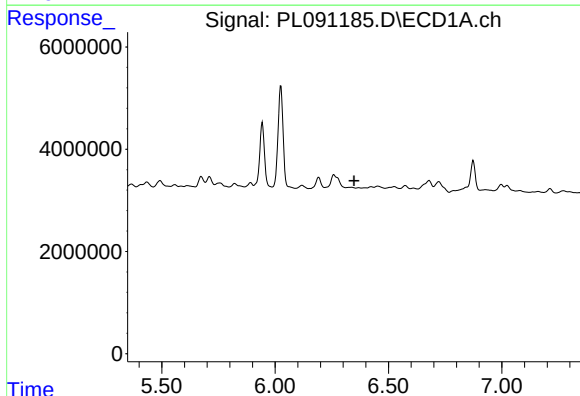
R.T.: 6.192 min  
Delta R.T.: -0.003 min  
Response: 2945416  
Conc: 1.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-11-080724RE



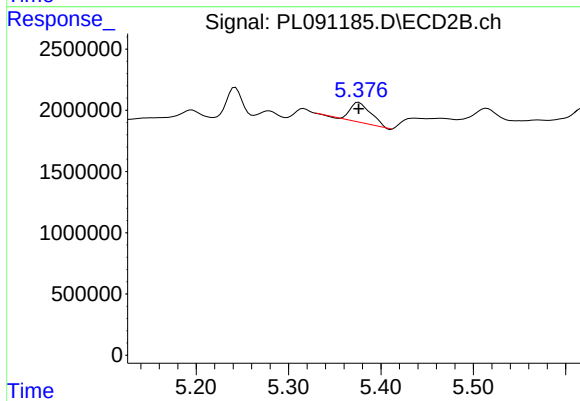
#12 4,4'-DDE

R.T.: 5.242 min  
Delta R.T.: -0.002 min  
Response: 2659693  
Conc: 1.27 ng/ml



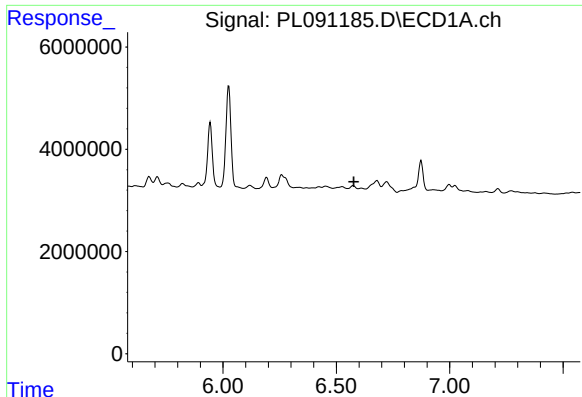
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.348 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

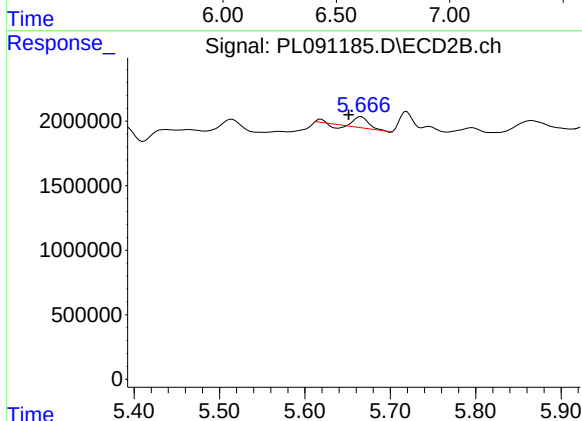
R.T.: 5.376 min  
Delta R.T.: 0.000 min  
Response: 2511504  
Conc: 1.10 ng/ml



#14 Endrin

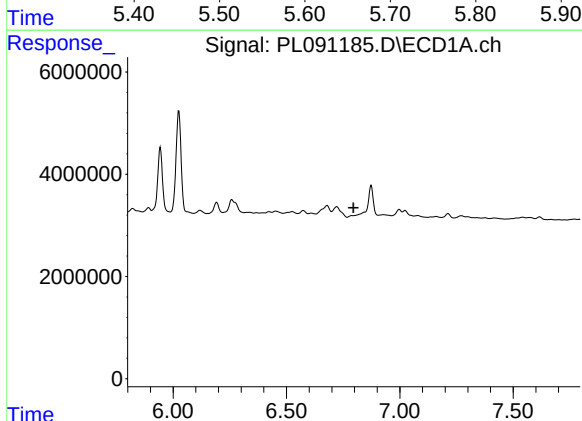
R.T.: 0.000 min  
Exp R.T.: 6.577 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-11-080724RE



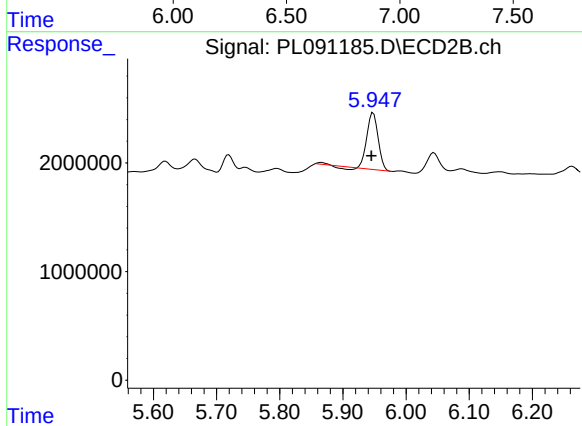
#14 Endrin

R.T.: 5.666 min  
Delta R.T.: 0.015 min  
Response: 904722  
Conc: 0.44 ng/ml



#15 Endosulfan II

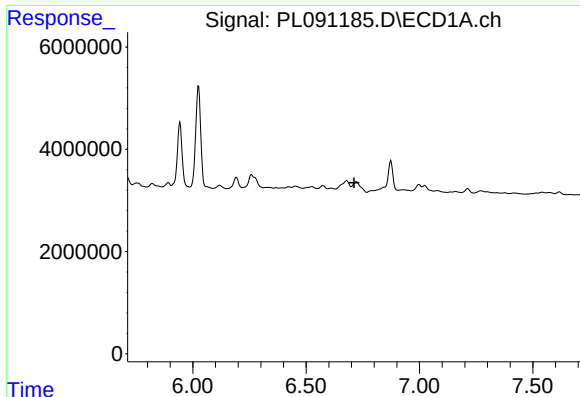
R.T.: 0.000 min  
Exp R.T.: 6.796 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

R.T.: 5.948 min  
Delta R.T.: 0.003 min  
Response: 6123479  
Conc: 3.17 ng/ml

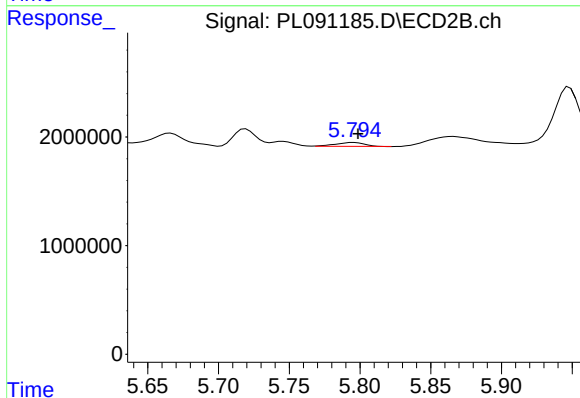




#16 4,4'-DDD

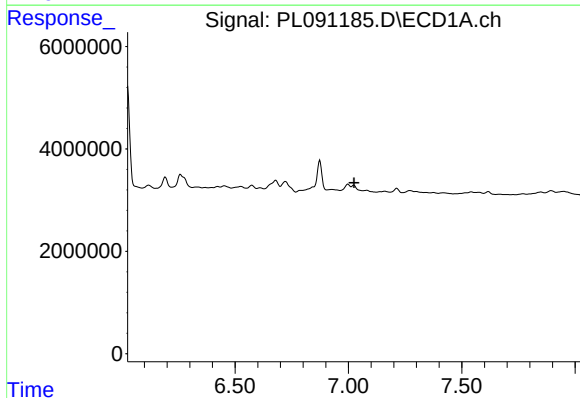
R.T.: 0.000 min  
Exp R.T.: 6.711 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-11-080724RE



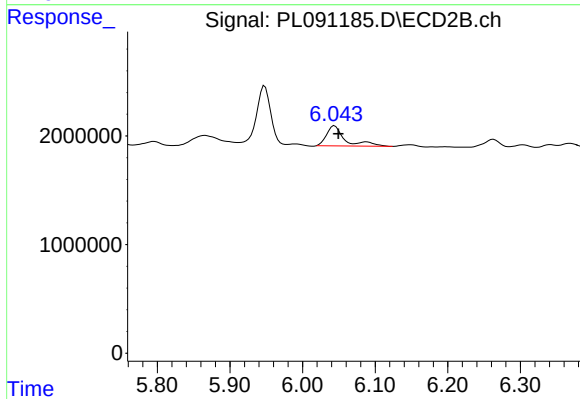
#16 4,4'-DDD

R.T.: 5.795 min  
Delta R.T.: -0.003 min  
Response: 505664  
Conc: 0.31 ng/ml



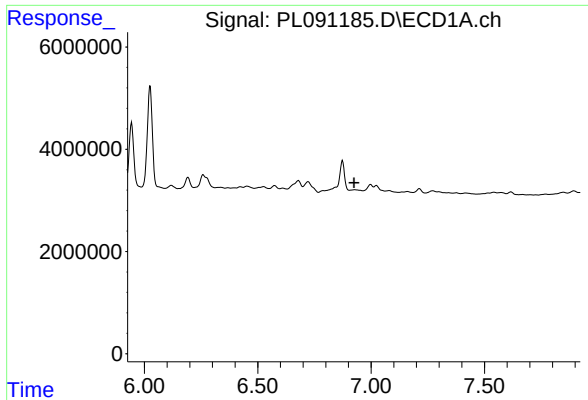
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 7.025 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

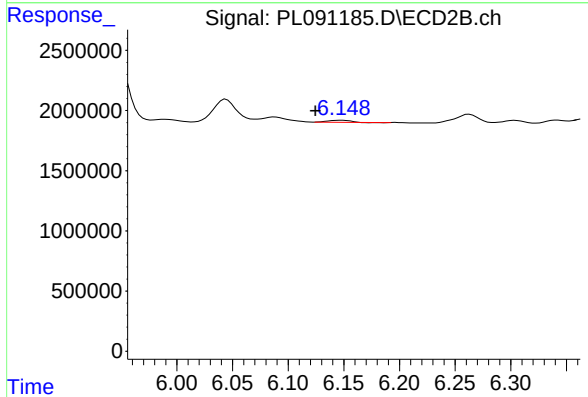
R.T.: 6.044 min  
Delta R.T.: -0.005 min  
Response: 3283637  
Conc: 1.85 ng/ml



#18 Endrin aldehyde

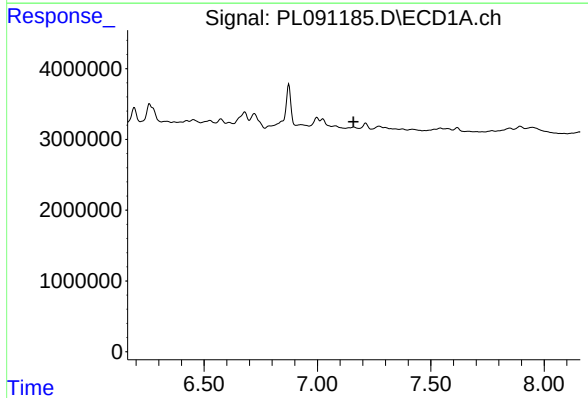
R.T.: 0.000 min  
Exp R.T. : 6.925 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-11-080724RE



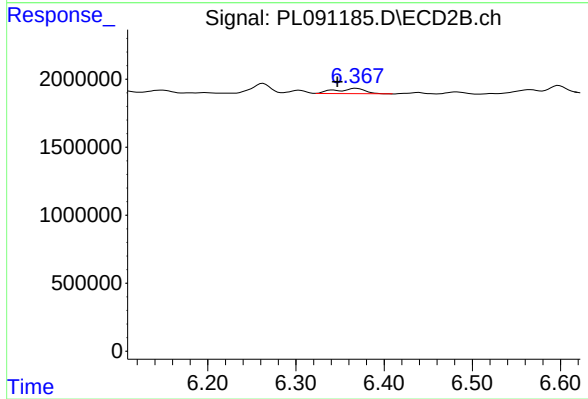
#18 Endrin aldehyde

R.T.: 6.147 min  
Delta R.T.: 0.023 min  
Response: 184209  
Conc: 0.12 ng/ml



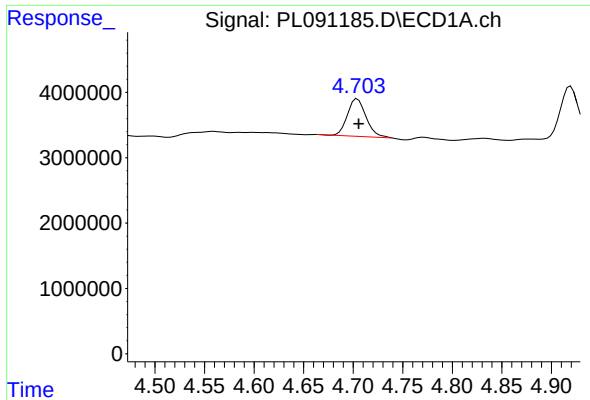
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.160 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

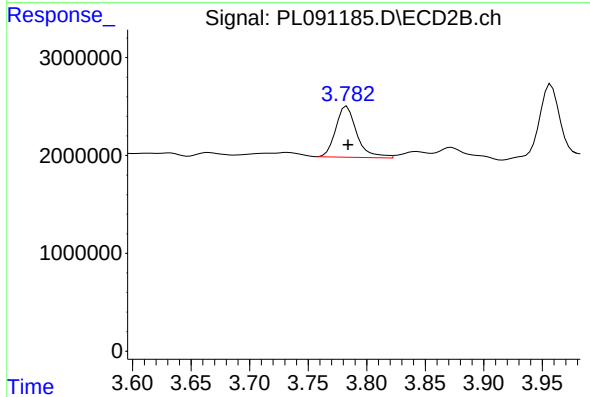
R.T.: 6.368 min  
Delta R.T.: 0.021 min  
Response: 874922  
Conc: 0.45 ng/ml



#23 Chlordane-1

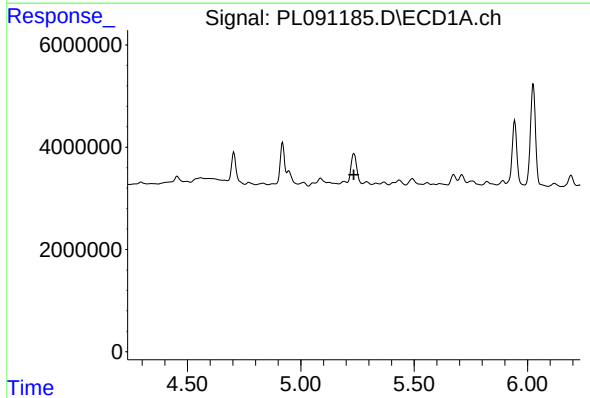
R.T.: 4.704 min  
Delta R.T.: -0.001 min  
Response: 7463396  
Conc: 77.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-11-080724RE



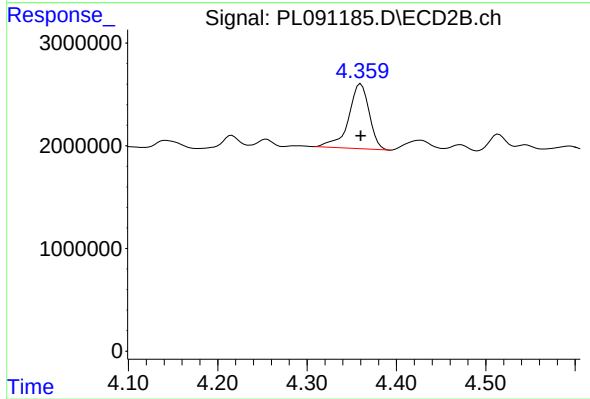
#23 Chlordane-1

R.T.: 3.783 min  
Delta R.T.: 0.000 min  
Response: 6527464  
Conc: 89.54 ng/ml



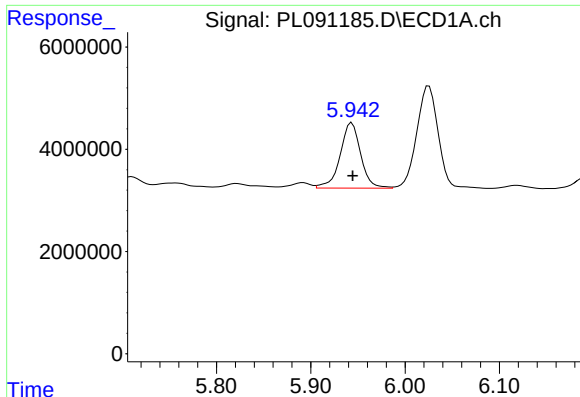
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.234 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

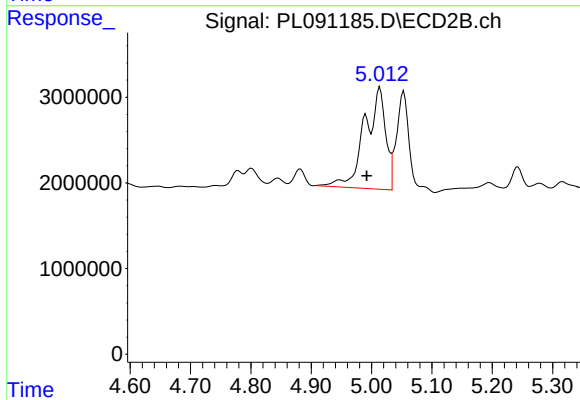
R.T.: 4.360 min  
Delta R.T.: 0.000 min  
Response: 10129971  
Conc: 107.82 ng/ml



#25 Chlordane-3

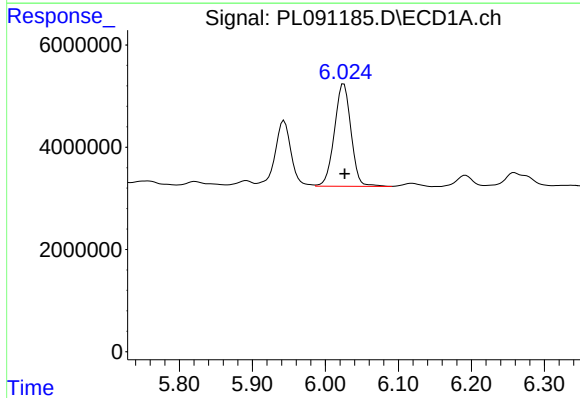
R.T.: 5.944 min  
Delta R.T.: 0.000 min  
Response: 19404815  
Conc: 55.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-11-080724RE



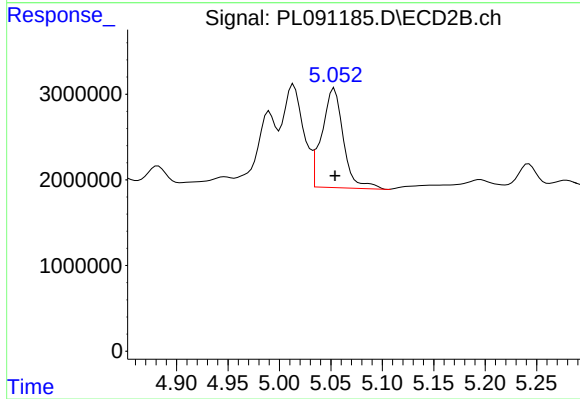
#25 Chlordane-3

R.T.: 5.013 min  
Delta R.T.: 0.022 min  
Response: 28734128  
Conc: 118.33 ng/ml



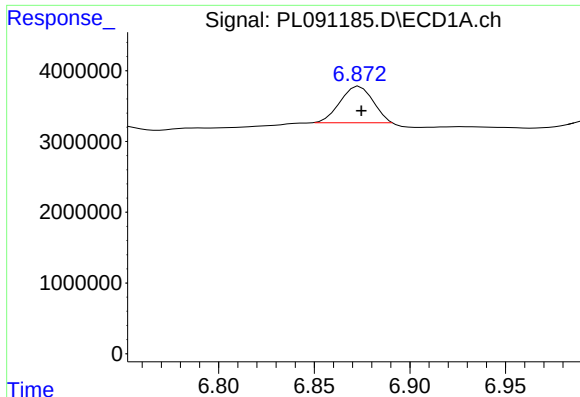
#26 Chlordane-4

R.T.: 6.025 min  
Delta R.T.: -0.001 min  
Response: 31655632  
Conc: 75.26 ng/ml



#26 Chlordane-4

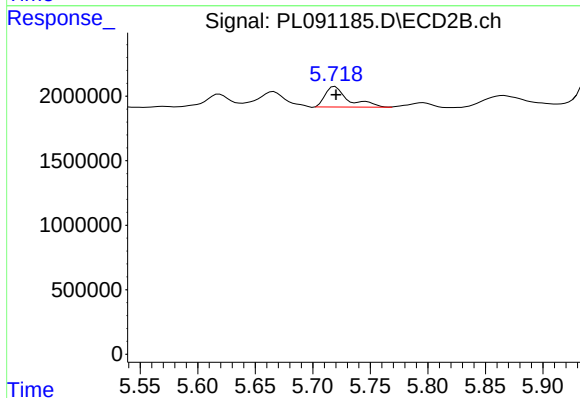
R.T.: 5.053 min  
Delta R.T.: -0.001 min  
Response: 16887292  
Conc: 72.43 ng/ml



#27 Chlordane-5

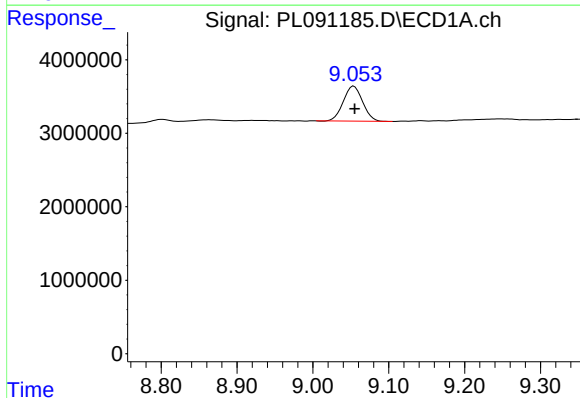
R.T.: 6.874 min  
Delta R.T.: -0.001 min  
Response: 6155707  
Conc: 81.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-TS-11-080724RE



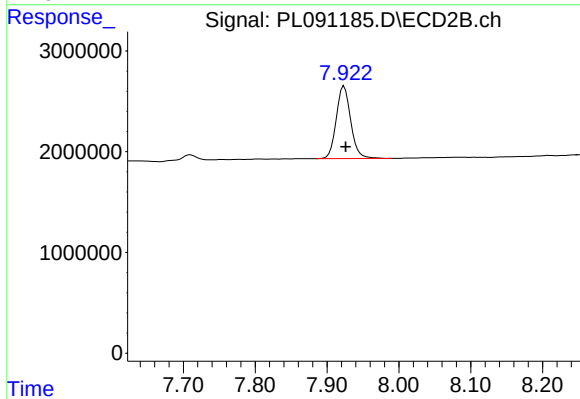
#27 Chlordane-5

R.T.: 5.720 min  
Delta R.T.: 0.000 min  
Response: 2219506  
Conc: 32.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min  
Delta R.T.: -0.001 min  
Response: 8435148  
Conc: 5.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.924 min  
Delta R.T.: -0.002 min  
Response: 10025537  
Conc: 5.29 ng/ml