

Data Path : P:\HPCHEM1\ECD\_L\Data\PL013118\  
 Data File : PL032822.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 01 Feb 2018 10:22  
 Operator : UA\AJ  
 Sample : J1386-01  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 SOIL-CUTTINGS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 01 10:50:42 2018  
 Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 27 04:03:48 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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 x0.25µm

| Compound                    | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|--------|--------|----------|----------|--------|----------|
| -----                       |        |        |          |          |        |          |
| System Monitoring Compounds |        |        |          |          |        |          |
| 1) SA Tetrachlo...          | 3.412  | 3.994  | 172.3E6  | 25481725 | 19.267 | 20.348   |
| 28) SA Decachlor...         | 8.119  | 9.030  | 130.4E6  | 26932461 | 11.209 | 14.160 # |
| Target Compounds            |        |        |          |          |        |          |
| 3) MA gamma-BHC...          | 4.140  | 0.000  | 7241219  | 0        | 0.561  | N.D. #   |
| 5) MB Aldrin                | 0.000  | 5.515f | 0        | 17292716 | N.D.   | 8.258 #  |
| 6) B beta-BHC               | 4.341f | 0.000  | 15605679 | 0        | 2.732  | N.D. #   |
| 7) B delta-BHC              | 0.000  | 5.030  | 0        | 3228481  | N.D.   | 1.452 #  |
| 9) A Endosulfan I           | 0.000  | 6.131f | 0        | 3334560  | N.D.   | 1.848 #  |
| 10) B gamma-Chl...          | 0.000  | 6.131f | 0        | 3334560  | N.D.   | 1.710 #  |
| 11) B alpha-Chl...          | 0.000  | 6.131  | 0        | 3334560  | N.D.   | 1.759 #  |
| 15) B Endosulfa...          | 6.139f | 6.816f | 28461987 | 5130439  | 2.426  | 2.914    |
| 16) A 4,4'-DDD              | 0.000  | 6.816  | 0        | 5130439  | N.D.   | 3.597 #  |
| 17) MA 4,4'-DDT             | 0.000  | 7.106  | 0        | 4799729  | N.D.   | 3.600 #  |
| 21) B Endrin ke...          | 0.000  | 7.689  | 0        | 15601098 | N.D.   | 8.639 #  |
| 23) Chlordane-1             | 0.000  | 5.030  | 0        | 3228481  | N.D.   | 41.752 # |
| 25) Chlordane-3             | 0.000  | 6.131  | 0        | 3334560  | N.D.   | 12.100 # |
| 26) Chlordane-4             | 0.000  | 6.131  | 0        | 3334560  | N.D.   | 10.207 # |
| 27) Chlordane-5             | 6.139  | 0.000  | 28461987 | 0        | 57.565 | N.D. #   |
| -----                       |        |        |          |          |        |          |

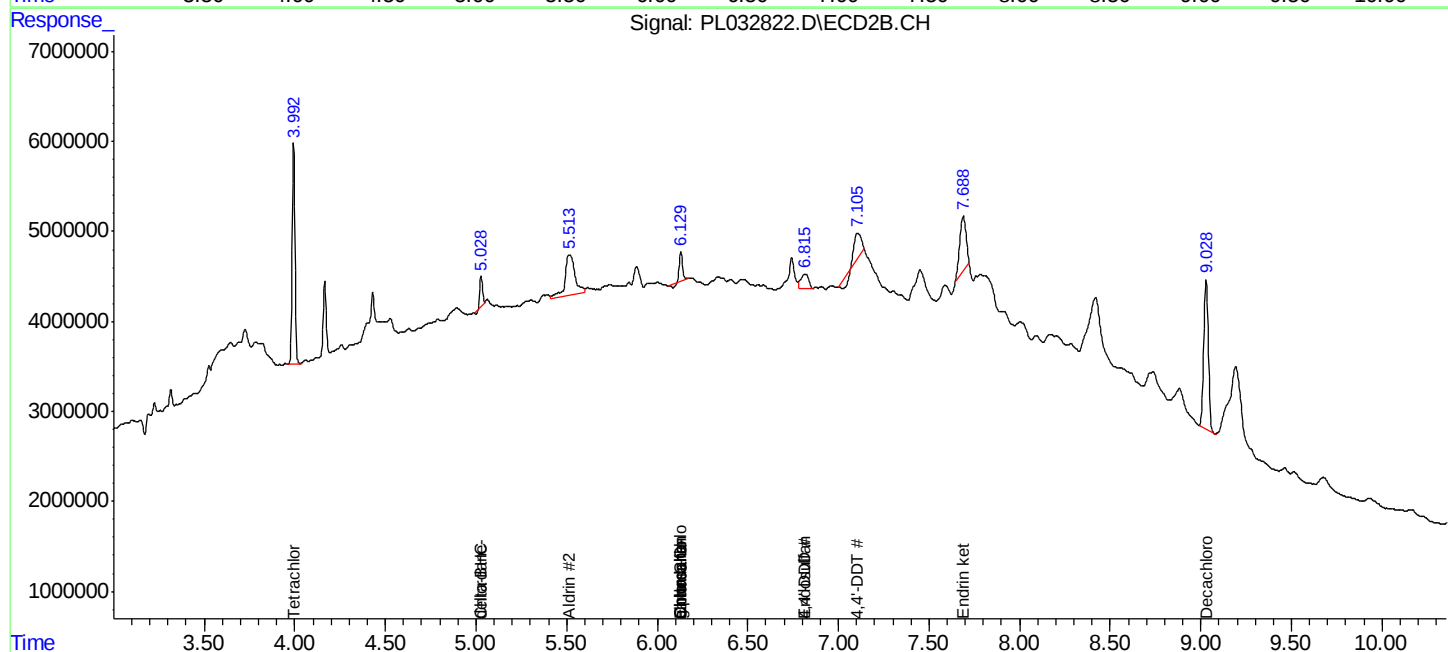
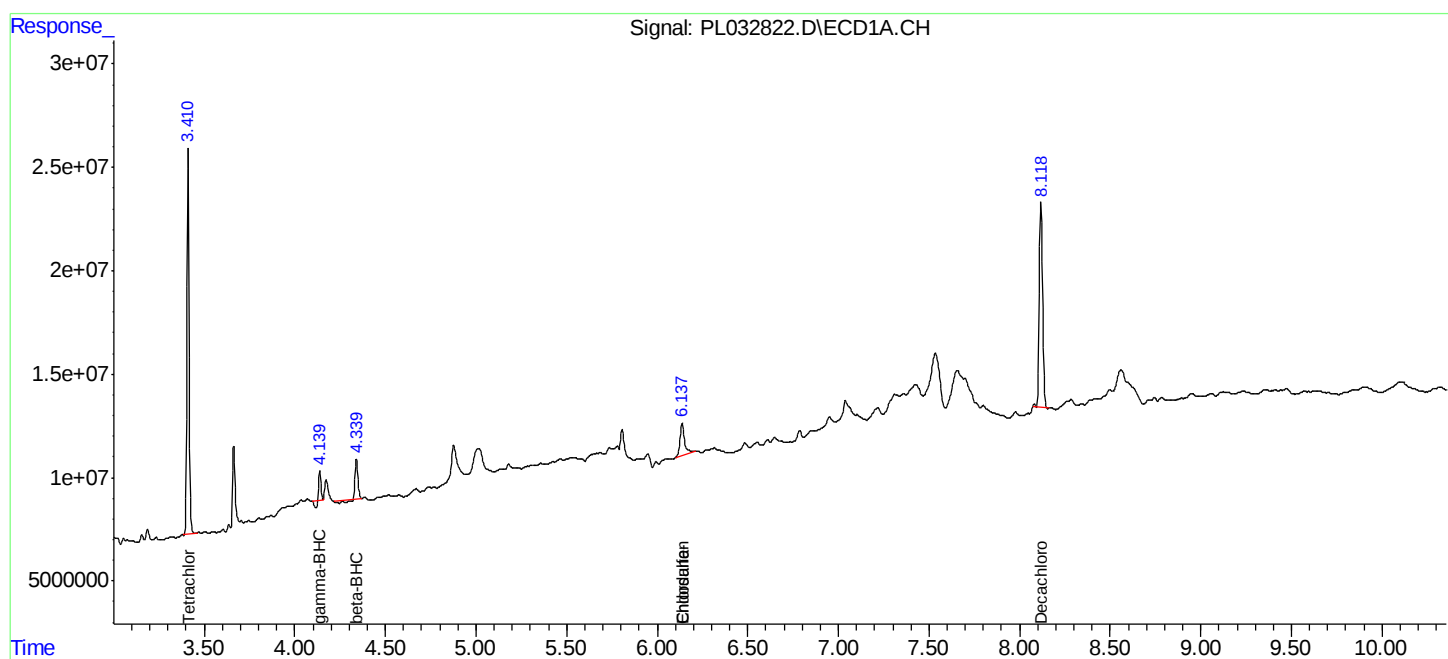
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

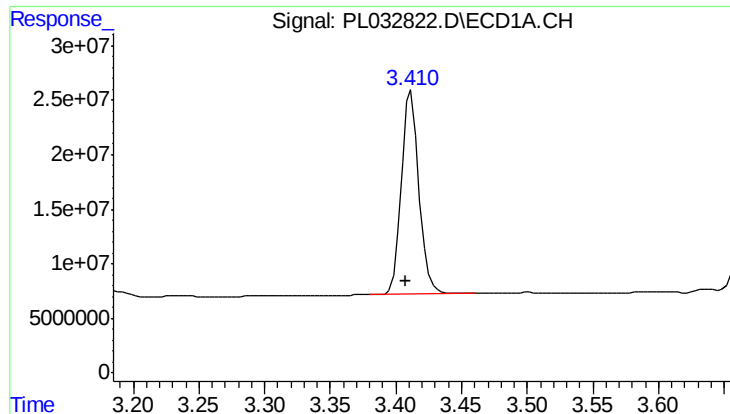
Data Path : P:\HPCHEM1\ECD\_L\Data\PL013118\  
Data File : PL032822.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 01 Feb 2018 10:22  
Operator : UA\AJ  
Sample : J1386-01  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :  
SOIL-CUTTINGS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 01 10:50:42 2018  
Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
Quant Title : GC Extractables  
QLast Update : Sat Jan 27 04:03:48 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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 x0.25µm

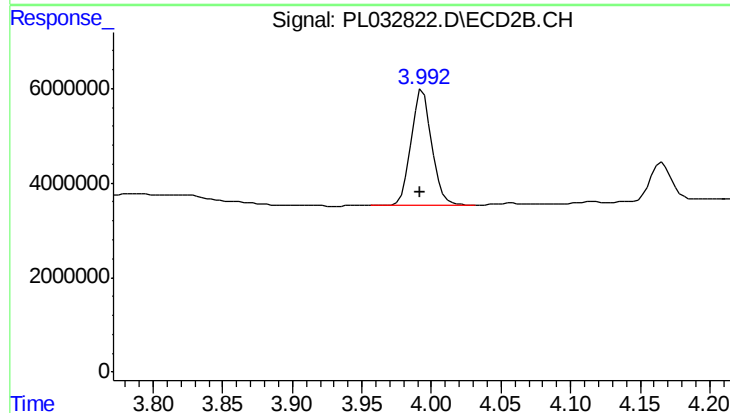




#1 Tetrachloro-m-xylene

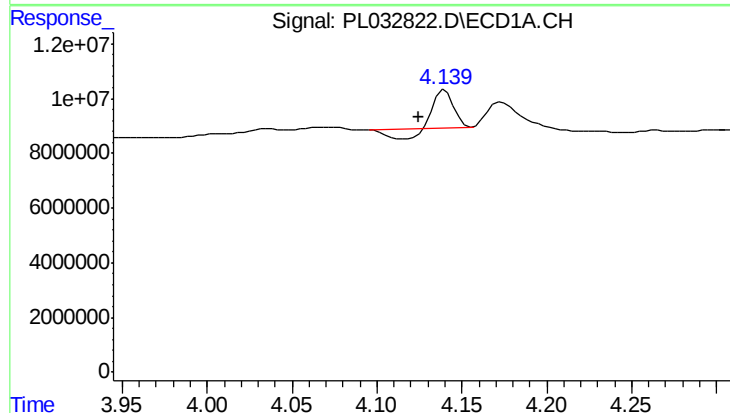
R.T.: 3.412 min  
Delta R.T.: 0.004 min  
Response: 172252428  
Conc: 19.27 ng/ml

Instrument :  
FID\_E  
ClientSampleId :  
SOIL-CUTTINGS



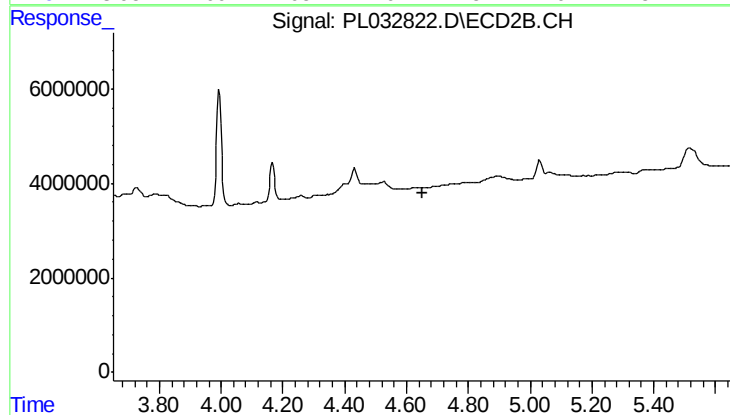
#1 Tetrachloro-m-xylene

R.T.: 3.994 min  
Delta R.T.: 0.002 min  
Response: 25481725  
Conc: 20.35 ng/ml



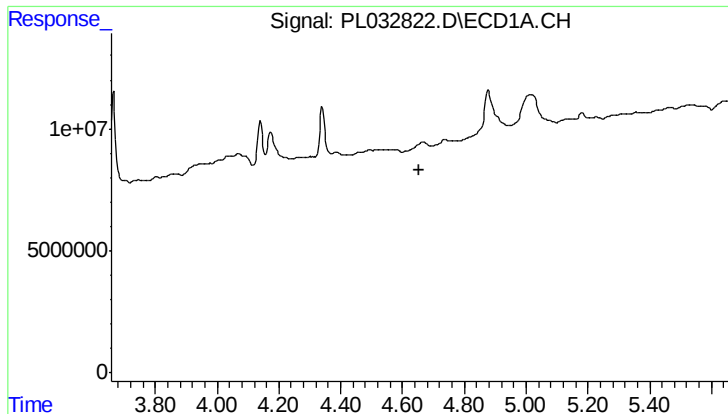
#3 gamma-BHC (Lindane)

R.T.: 4.140 min  
Delta R.T.: 0.015 min  
Response: 7241219  
Conc: 0.56 ng/ml



#3 gamma-BHC (Lindane)

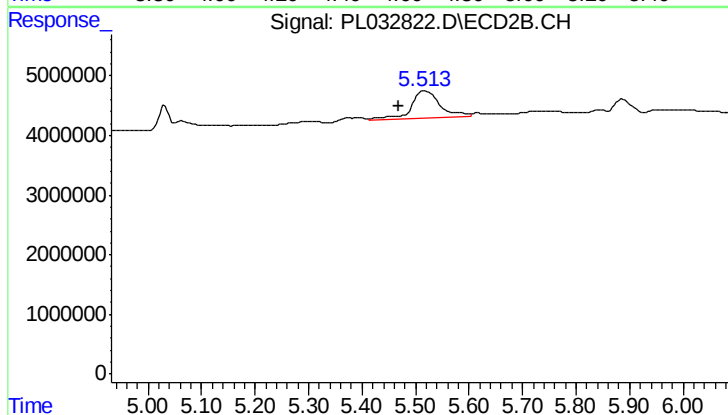
R.T.: 0.000 min  
Exp R.T.: 4.650 min  
Response: 0  
Conc: N.D.



#5 Aldrin

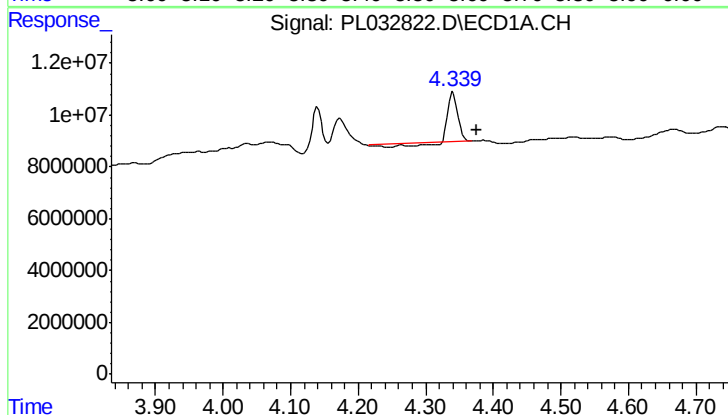
R.T.: 0.000 min  
Exp R.T.: 4.656 min  
Response: 0  
Conc: N.D.

Instrument :  
FID\_E  
ClientSampleId :  
SOIL-CUTTINGS



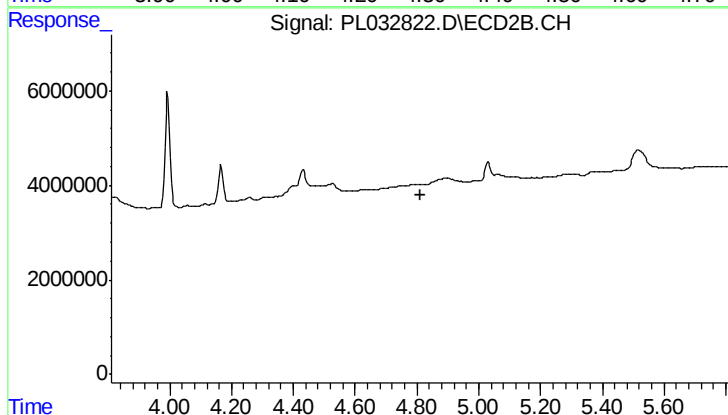
#5 Aldrin

R.T.: 5.515 min  
Delta R.T.: 0.047 min  
Response: 17292716  
Conc: 8.26 ng/ml



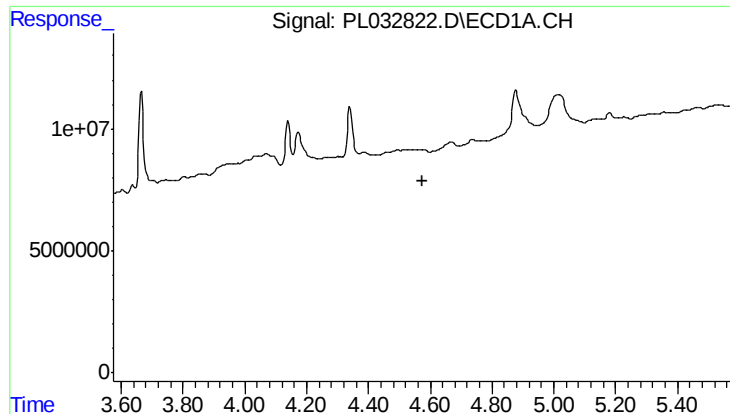
#6 beta-BHC

R.T.: 4.341 min  
Delta R.T.: -0.035 min  
Response: 15605679  
Conc: 2.73 ng/ml



#6 beta-BHC

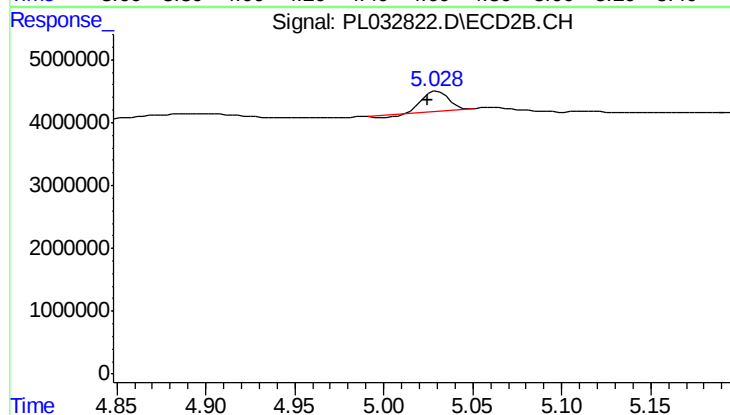
R.T.: 0.000 min  
Exp R.T.: 4.811 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

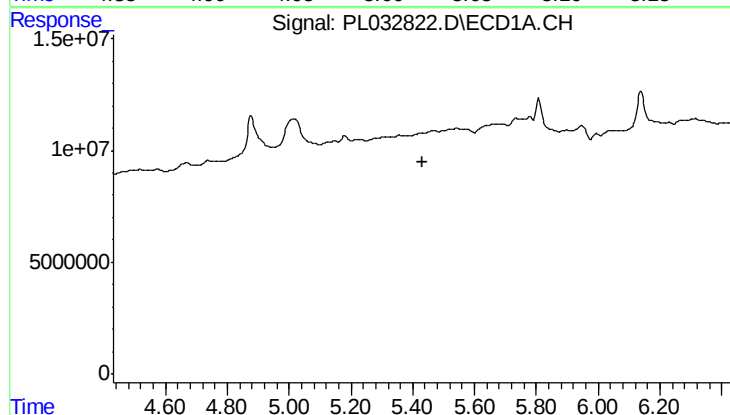
R.T.: 0.000 min  
Exp R.T.: 4.574 min  
Response: 0  
Conc: N.D.

Instrument :  
FID\_E  
ClientSampleId :  
SOIL-CUTTINGS



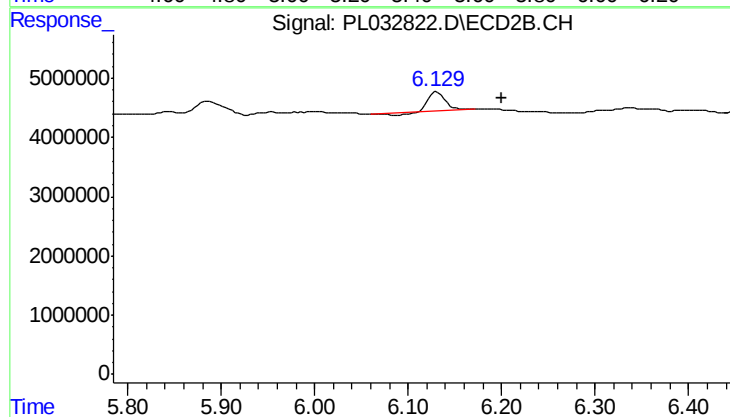
#7 delta-BHC

R.T.: 5.030 min  
Delta R.T.: 0.005 min  
Response: 3228481  
Conc: 1.45 ng/ml



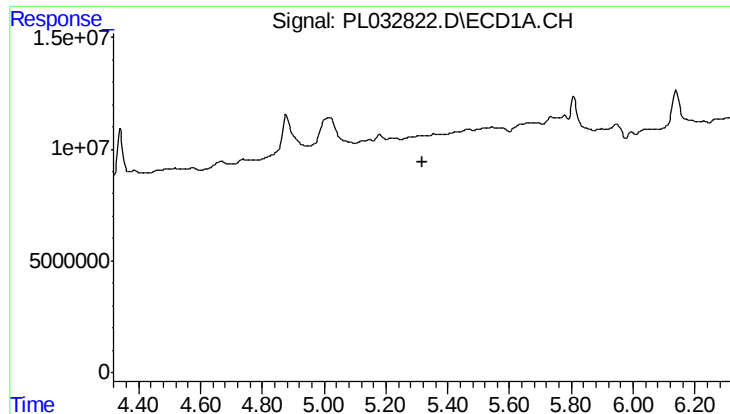
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 5.430 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

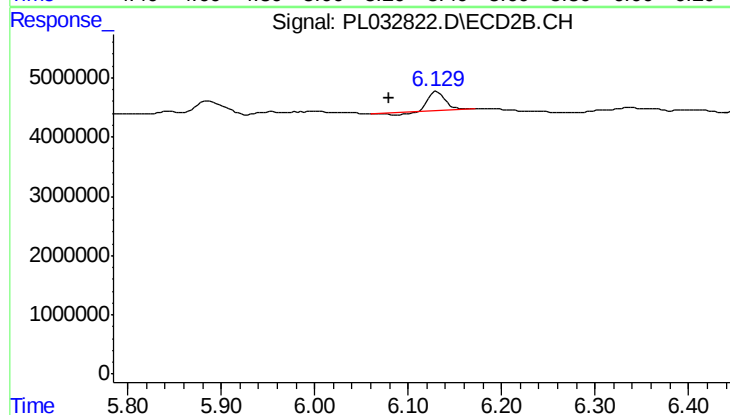
R.T.: 6.131 min  
Delta R.T.: -0.009 min  
Response: 3334560  
Conc: 1.85 ng/ml



#10 gamma-Chlordane

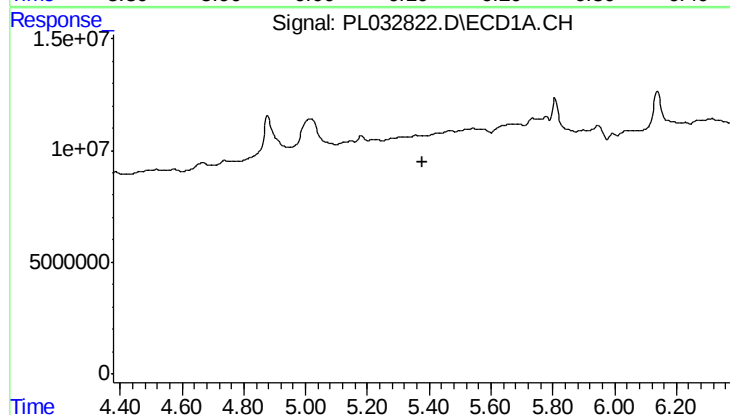
R.T.: 0.000 min  
Exp R.T.: 5.318 min  
Response: 0  
Conc: N.D.

Instrument :  
FID\_E  
ClientSampleId :  
SOIL-CUTTINGS



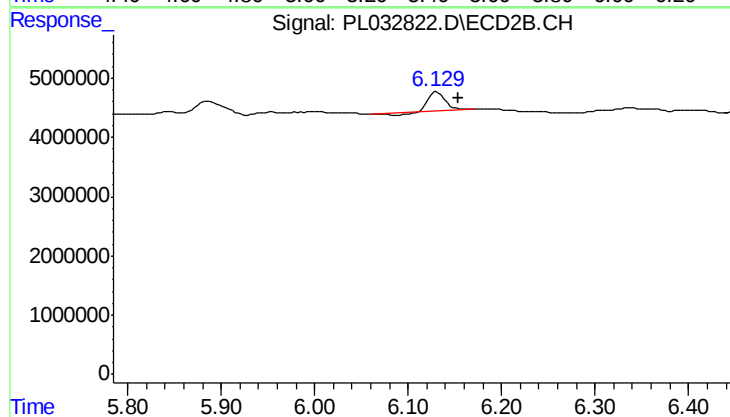
#10 gamma-Chlordane

R.T.: 6.131 min  
Delta R.T.: 0.050 min  
Response: 3334560  
Conc: 1.71 ng/ml



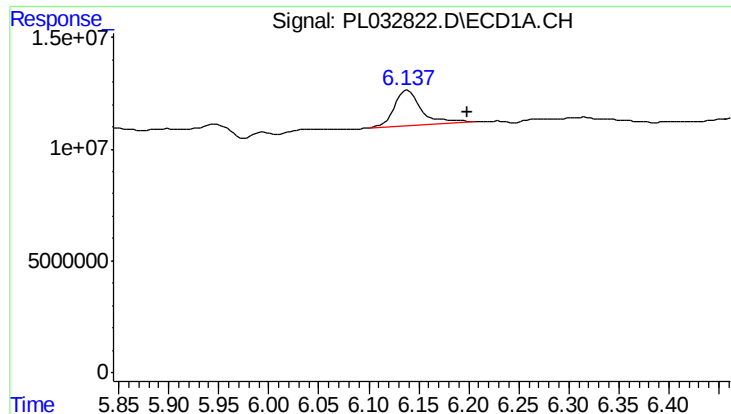
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.377 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

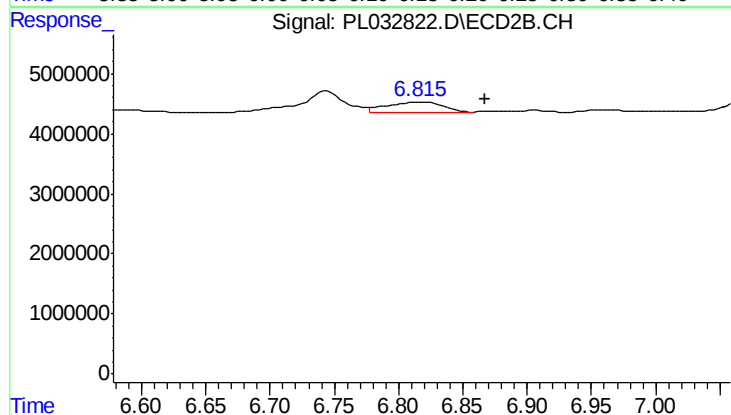
R.T.: 6.131 min  
Delta R.T.: -0.024 min  
Response: 3334560  
Conc: 1.76 ng/ml



#15 Endosulfan II

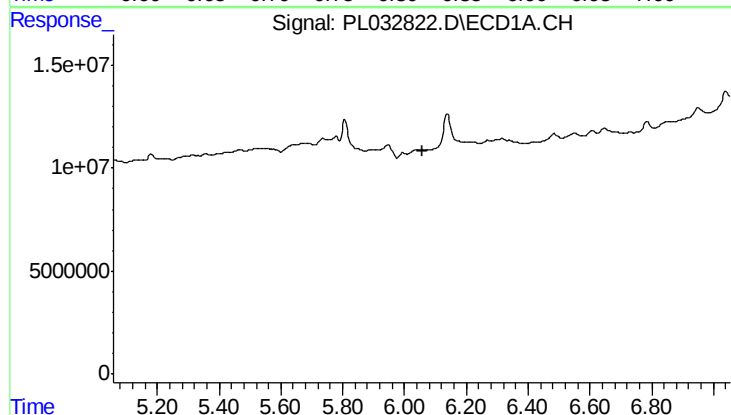
R.T.: 6.139 min  
Delta R.T.: -0.059 min  
Response: 28461987  
Conc: 2.43 ng/ml

Instrument :  
FID\_E  
ClientSampleId :  
SOIL-CUTTINGS



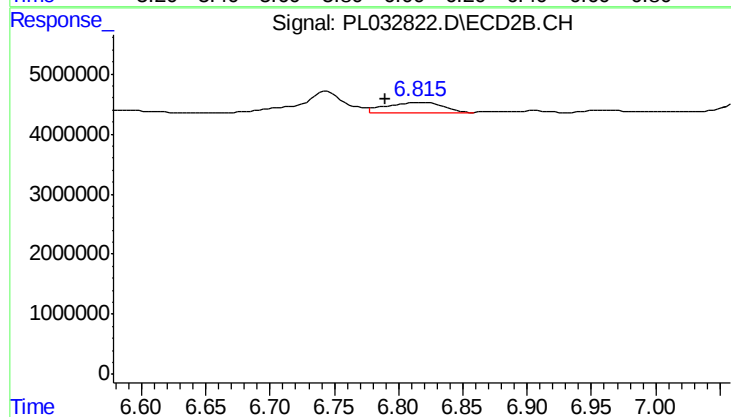
#15 Endosulfan II

R.T.: 6.816 min  
Delta R.T.: -0.051 min  
Response: 5130439  
Conc: 2.91 ng/ml



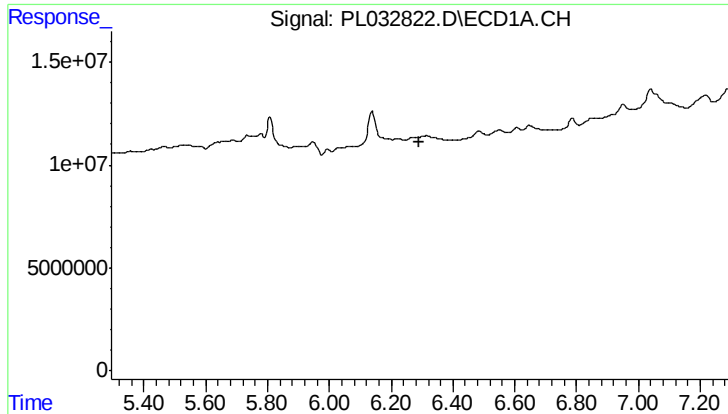
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T.: 6.057 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

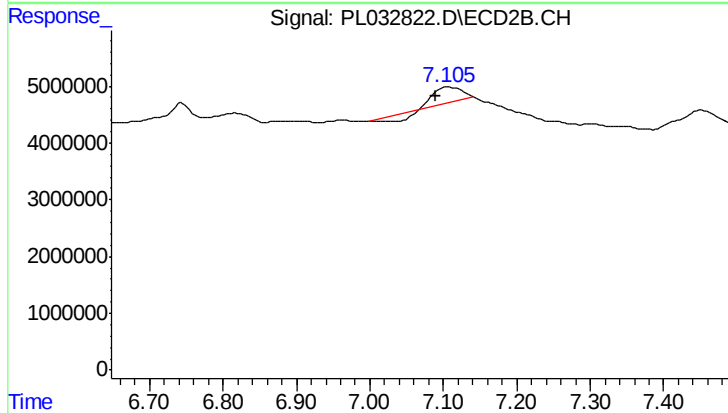
R.T.: 6.816 min  
Delta R.T.: 0.026 min  
Response: 5130439  
Conc: 3.60 ng/ml



#17 4,4'-DDT

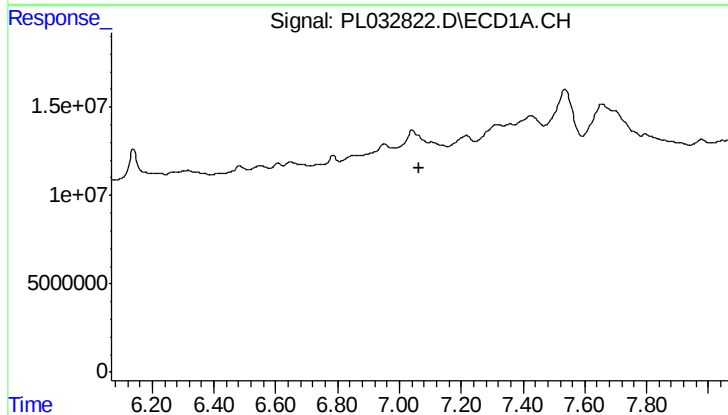
R.T.: 0.000 min  
Exp R.T.: 6.293 min  
Response: 0  
Conc: N.D.

Instrument :  
FID\_E  
ClientSampleId :  
SOIL-CUTTINGS



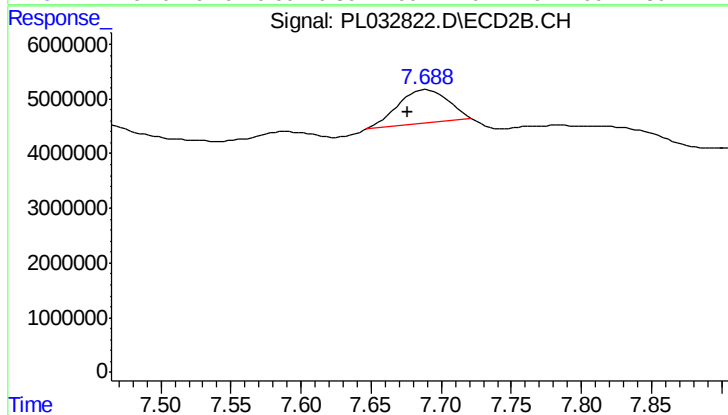
#17 4,4'-DDT

R.T.: 7.106 min  
Delta R.T.: 0.016 min  
Response: 4799729  
Conc: 3.60 ng/ml



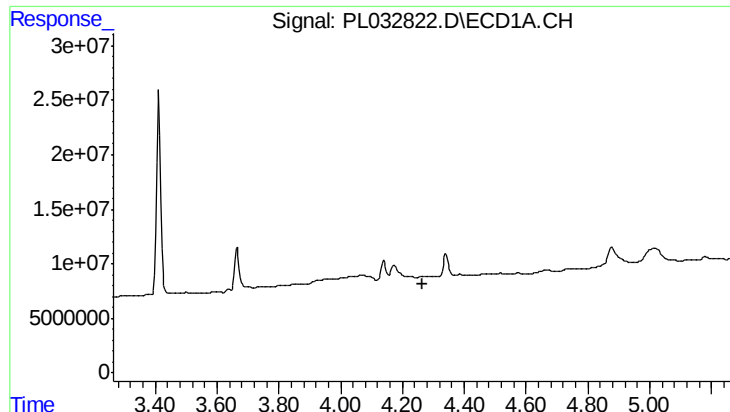
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.066 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

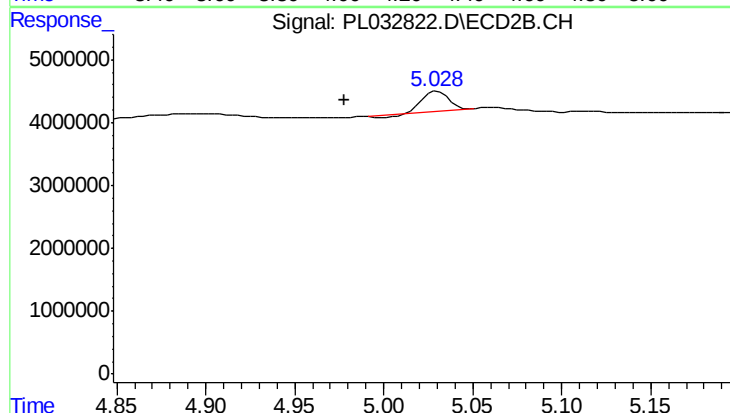
R.T.: 7.689 min  
Delta R.T.: 0.013 min  
Response: 15601098  
Conc: 8.64 ng/ml



#23 Chlordane-1

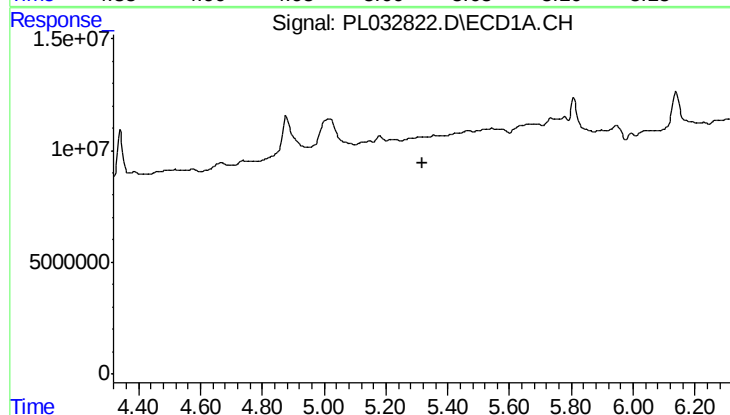
R.T.: 0.000 min  
Exp R.T.: 4.263 min  
Response: 0  
Conc: N.D.

Instrument :  
FID\_E  
ClientSampleId :  
SOIL-CUTTINGS



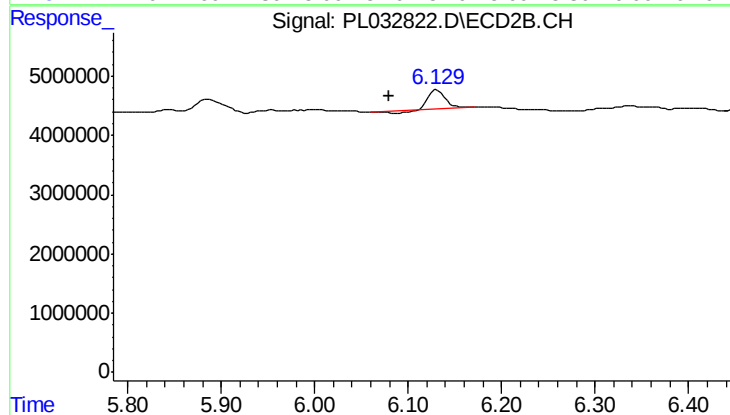
#23 Chlordane-1

R.T.: 5.030 min  
Delta R.T.: 0.052 min  
Response: 3228481  
Conc: 41.75 ng/ml



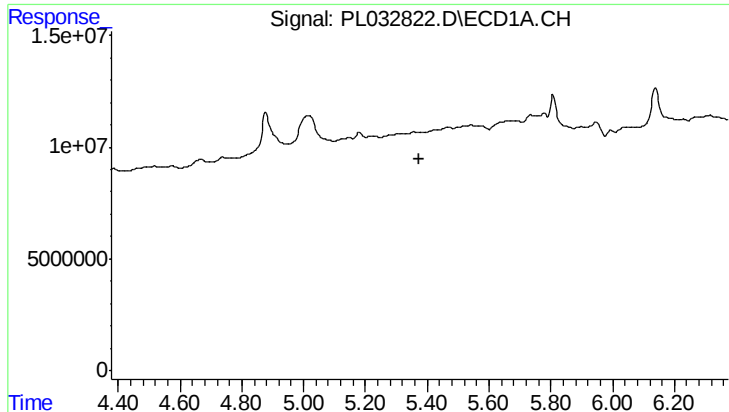
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T.: 5.318 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

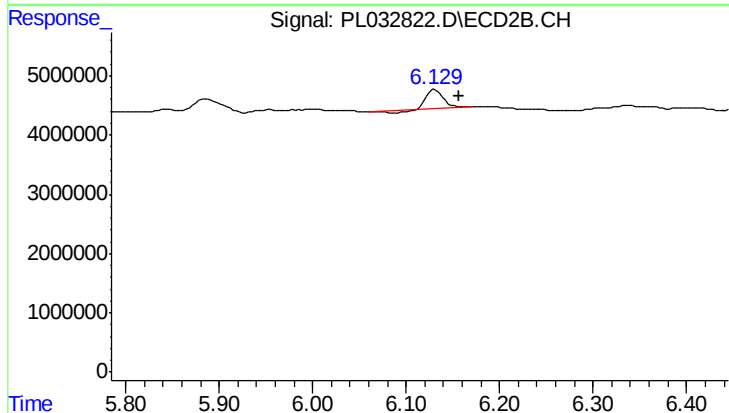
R.T.: 6.131 min  
Delta R.T.: 0.050 min  
Response: 3334560  
Conc: 12.10 ng/ml



#26 Chlordane-4

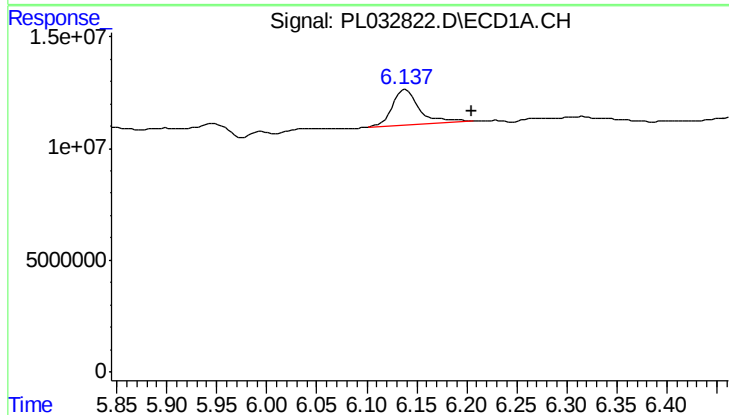
R.T.: 0.000 min  
Exp R.T.: 5.376 min  
Response: 0  
Conc: N.D.

Instrument :  
FID\_E  
ClientSampleId :  
SOIL-CUTTINGS



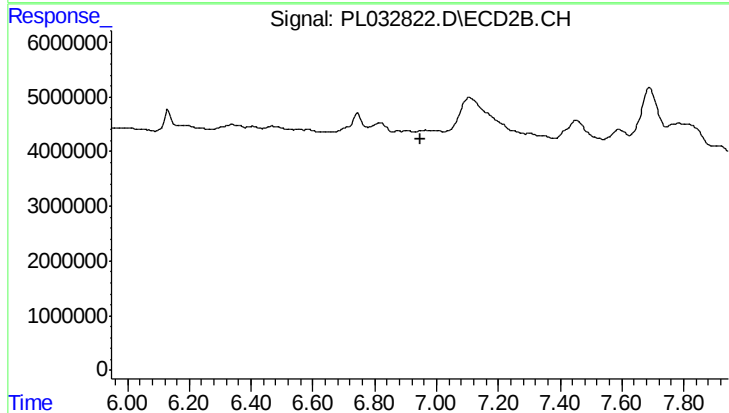
#26 Chlordane-4

R.T.: 6.131 min  
Delta R.T.: -0.026 min  
Response: 3334560  
Conc: 10.21 ng/ml



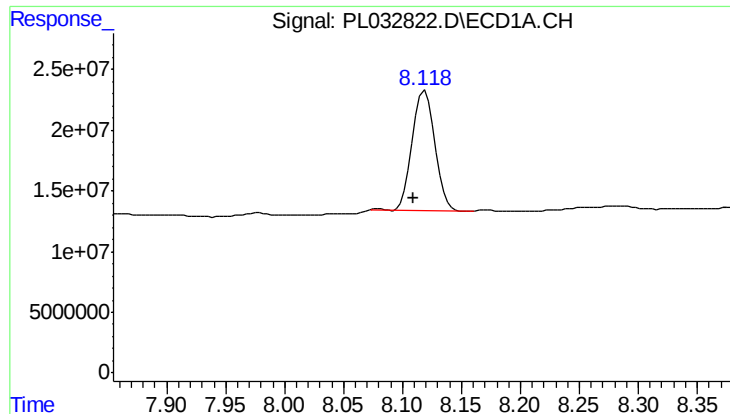
#27 Chlordane-5

R.T.: 6.139 min  
Delta R.T.: -0.067 min  
Response: 28461987  
Conc: 57.56 ng/ml



#27 Chlordane-5

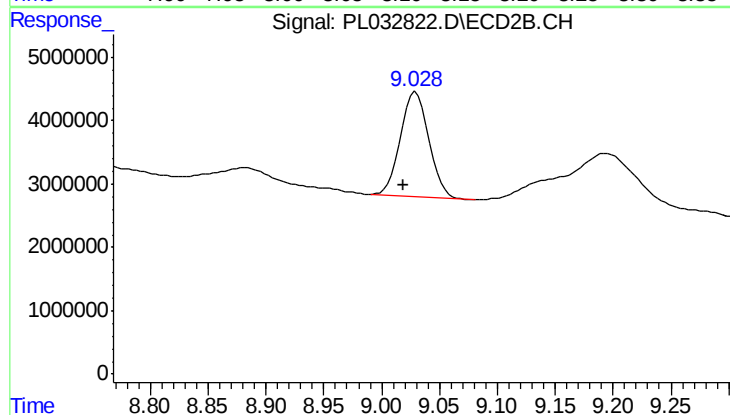
R.T.: 0.000 min  
Exp R.T.: 6.948 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.119 min  
Delta R.T.: 0.009 min  
Response: 130426809  
Conc: 11.21 ng/ml

Instrument :  
FID\_E  
ClientSampleId :  
SOIL-CUTTINGS



#28 Decachlorobiphenyl

R.T.: 9.030 min  
Delta R.T.: 0.010 min  
Response: 26932461  
Conc: 14.16 ng/ml