

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
 Data File : PD052602.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Apr 2019 12:58
 Operator : AJ\SJ
 Sample : K1560-02
 Misc : LOQ CHLOR 100 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 06:51:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.220	4.043	27390736	579.4E6	19.629	19.992
28)	SA Decachlor...	7.818	9.161	29304091	376.2E6	21.988	24.189
Target Compounds							
2)	A alpha-BHC	0.000	4.444	0	21914169	N.D.	0.487 #
3)	MA gamma-BHC...	3.917	4.742f	2197608	5507833	1.005	0.137 #
4)	MA Heptachlor	4.185	5.235	9437706	237.5E6	4.445	5.987 #
5)	MB Aldrin	4.433	5.515f	621131	154.6E6	0.308	4.174 #
6)	B beta-BHC	4.185f	4.922f	9437706	61700954	10.693	3.410 #
7)	B delta-BHC	4.337	0.000	788783	0	0.387	N.D. #
8)	B Heptachlo...	0.000	5.915f	0	86817178	N.D.	2.690 #
9)	A Endosulfan I	5.157	0.000	1198055	0	0.670	N.D. #
10)	B gamma-Chl...	5.061	6.166	21604916	469.5E6	11.080	14.675 #
11)	B alpha-Chl...	5.117	6.240	21049345	557.5E6	10.906	17.762 #
15)	B Endosulfa...	5.922	6.982	6345704	9427654	3.697	0.378 #
16)	A 4,4'-DDD	0.000	6.907f	0	18799496	N.D.	0.786 #
17)	MA 4,4'-DDT	0.000	7.171f	0	3399709	N.D.	0.182 #
18)	B Endrin al...	0.000	7.091	0	14797230	N.D.	0.719 #
19)	B Endosulfa...	0.000	7.326	0	2718437	N.D.	0.124 #
23)	Chlordane-1	4.041	5.045	6487481	159.6E6	103.314	104.004
24)	Chlordane-2	4.521	5.515	8108600	154.6E6	108.963	110.368
25)	Chlordane-3	5.061	6.166	21604916	469.5E6	97.699	106.398
26)	Chlordane-4	5.117	6.240	21049345	557.5E6	99.246	109.640
27)	Chlordane-5	5.922	7.050	6345704	111.0E6	97.577	120.267

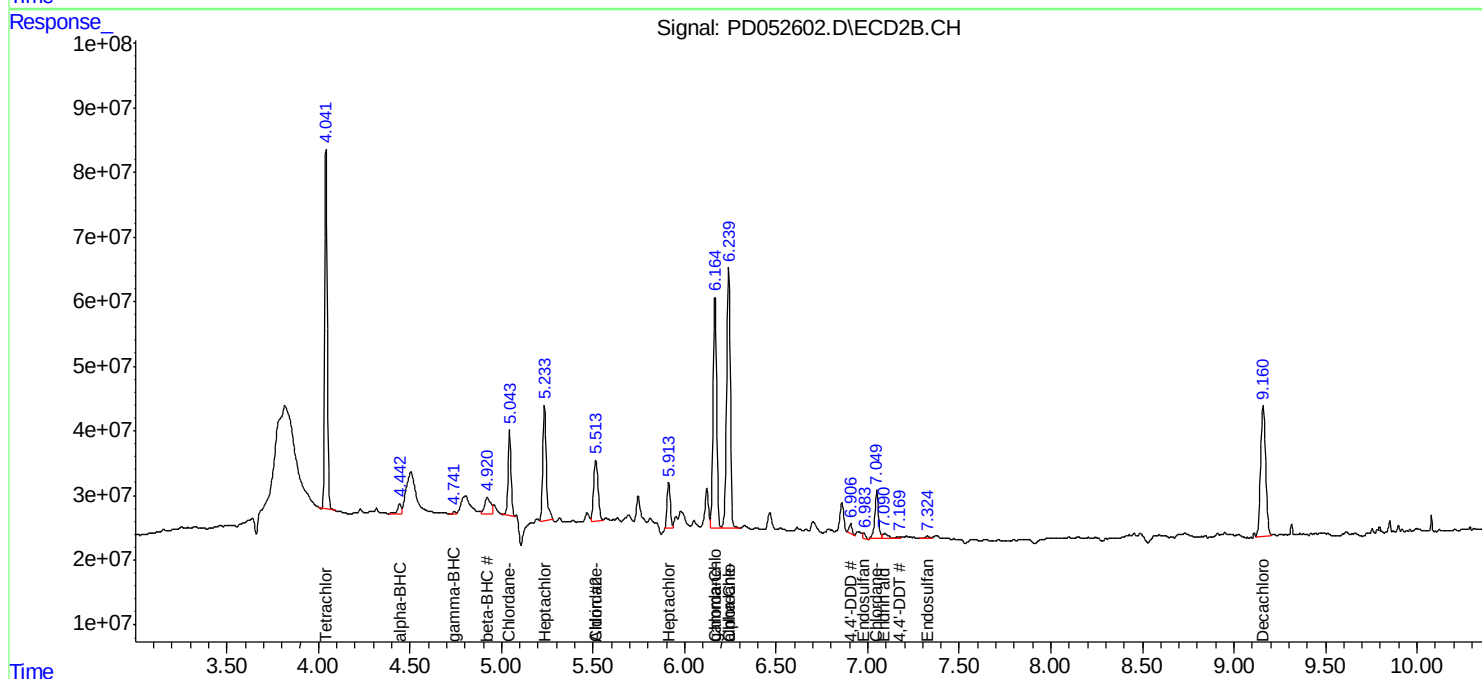
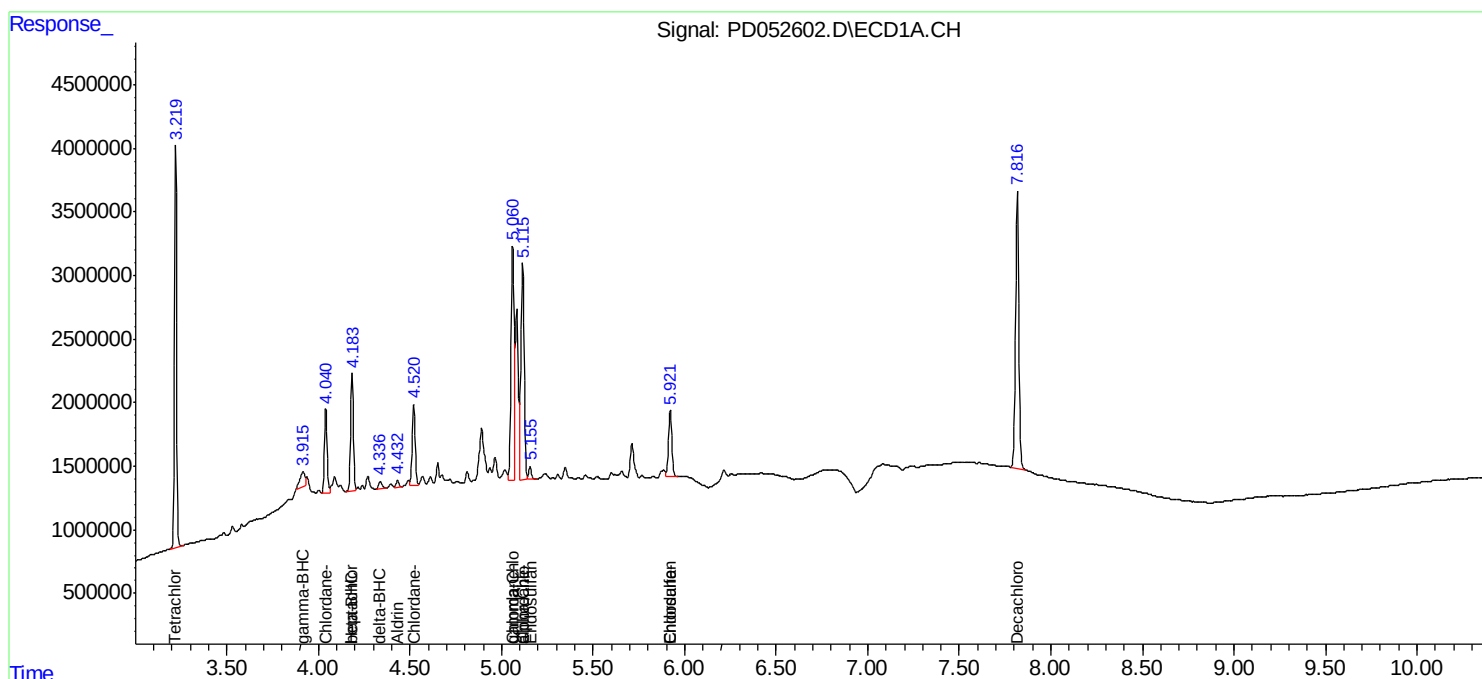
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

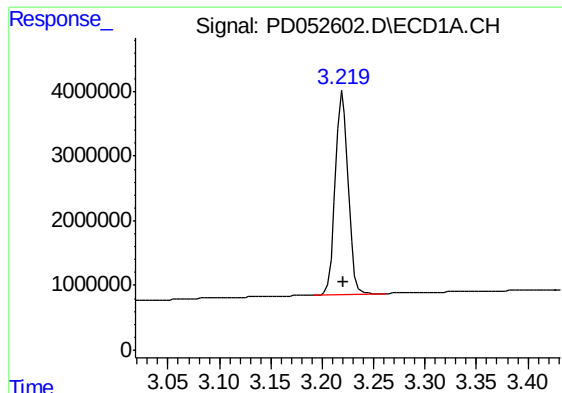
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
 Data File : PD052602.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Apr 2019 12:58
 Operator : AJ\SJ
 Sample : K1560-02
 Misc : LOQ CHLOR 100 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 06:51:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 2019
 Response via : Initial Calibration
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 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

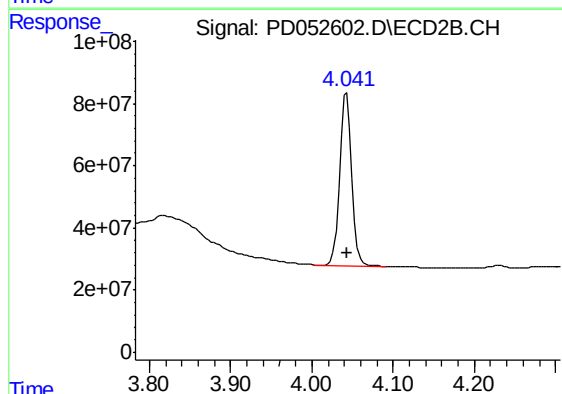




#1 Tetrachloro-m-xylene

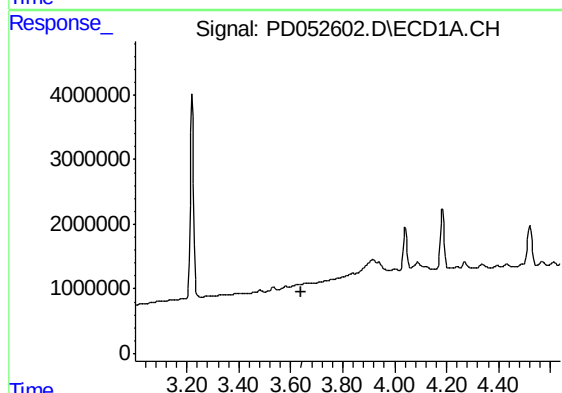
R.T.: 3.220 min
Delta R.T.: 0.000 min
Response: 27390736
Conc: 19.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2019



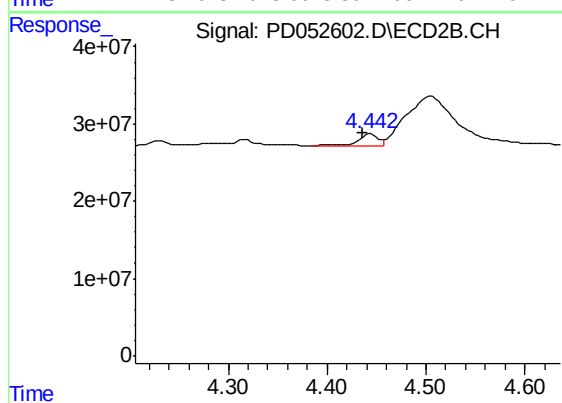
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 579445053
Conc: 19.99 ng/ml



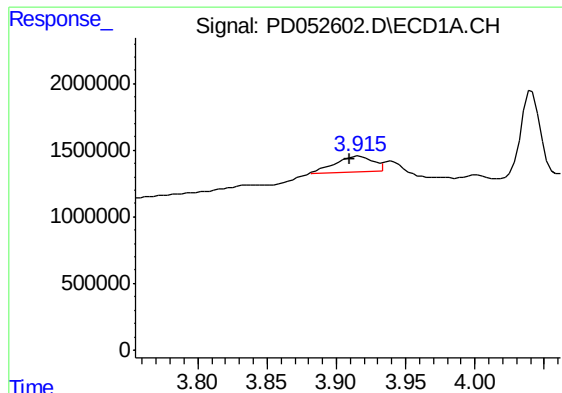
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.642 min
Response: 0
Conc: N.D.



#2 alpha-BHC

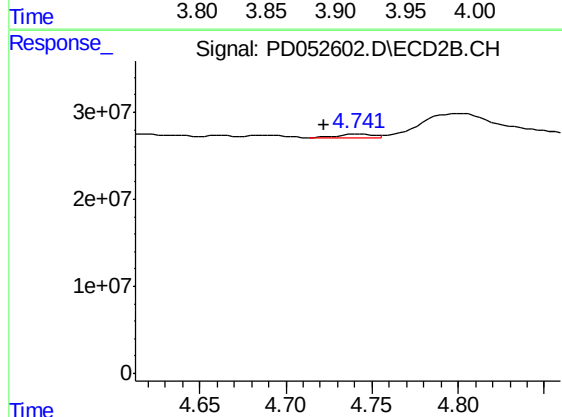
R.T.: 4.444 min
Delta R.T.: 0.008 min
Response: 21914169
Conc: 0.49 ng/ml



#3 gamma-BHC (Lindane)

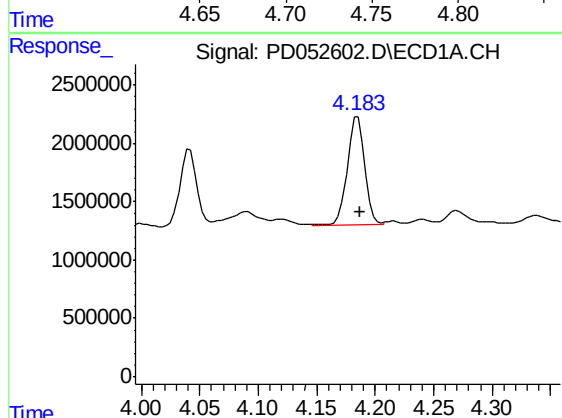
R.T.: 3.917 min
Delta R.T.: 0.007 min
Response: 2197608
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2019



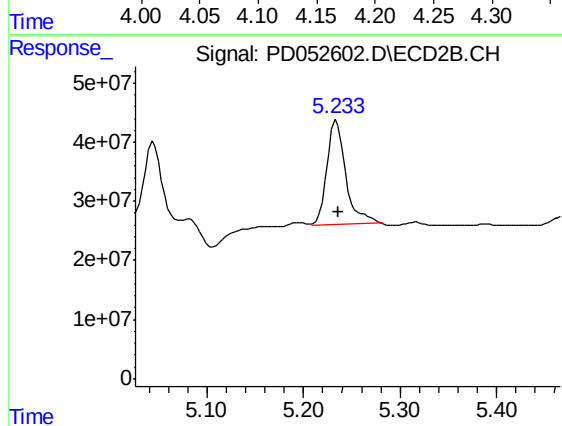
#3 gamma-BHC (Lindane)

R.T.: 4.742 min
Delta R.T.: 0.020 min
Response: 5507833
Conc: 0.14 ng/ml



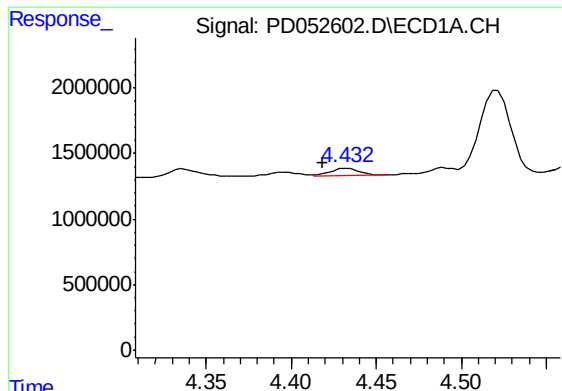
#4 Heptachlor

R.T.: 4.185 min
Delta R.T.: -0.002 min
Response: 9437706
Conc: 4.45 ng/ml



#4 Heptachlor

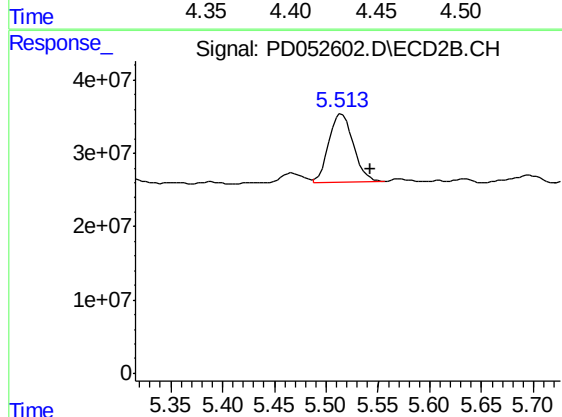
R.T.: 5.235 min
Delta R.T.: -0.001 min
Response: 237519305
Conc: 5.99 ng/ml



#5 Aldrin

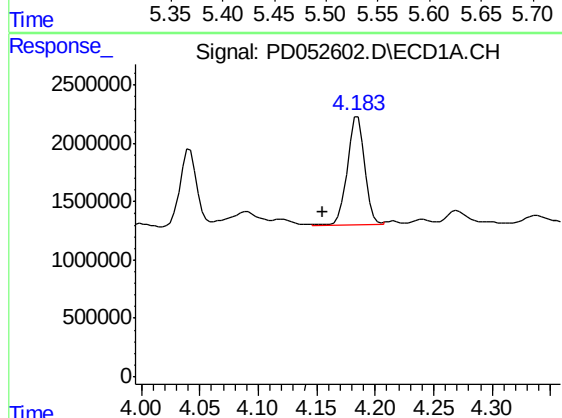
R.T.: 4.433 min
Delta R.T.: 0.014 min
Response: 621131
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2019



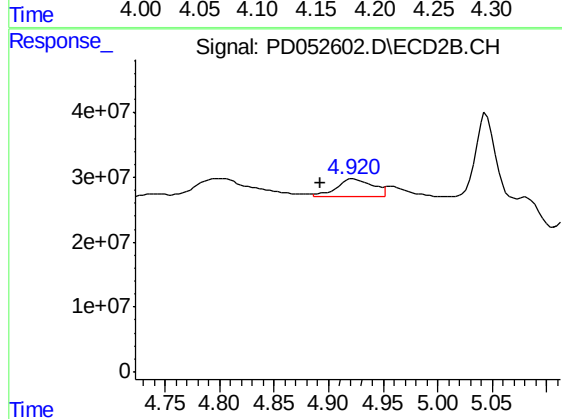
#5 Aldrin

R.T.: 5.515 min
Delta R.T.: -0.028 min
Response: 154567353
Conc: 4.17 ng/ml



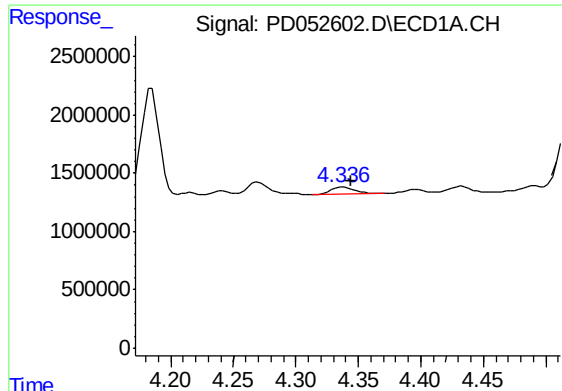
#6 beta-BHC

R.T.: 4.185 min
Delta R.T.: 0.029 min
Response: 9437706
Conc: 10.69 ng/ml



#6 beta-BHC

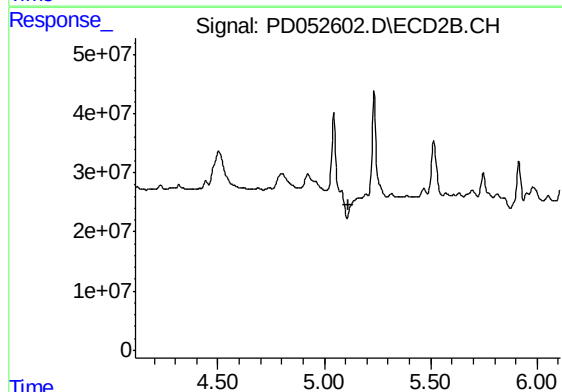
R.T.: 4.922 min
Delta R.T.: 0.029 min
Response: 61700954
Conc: 3.41 ng/ml



#7 delta-BHC

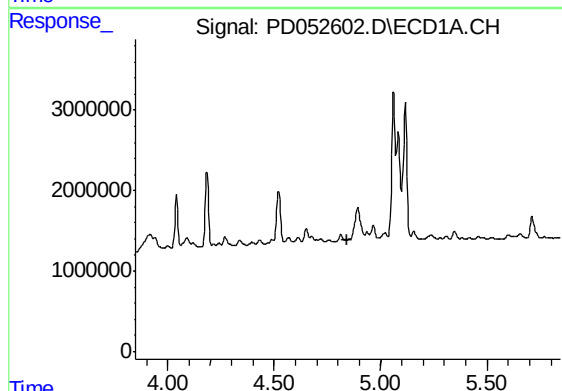
R.T.: 4.337 min
Delta R.T.: -0.006 min
Response: 788783
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2019



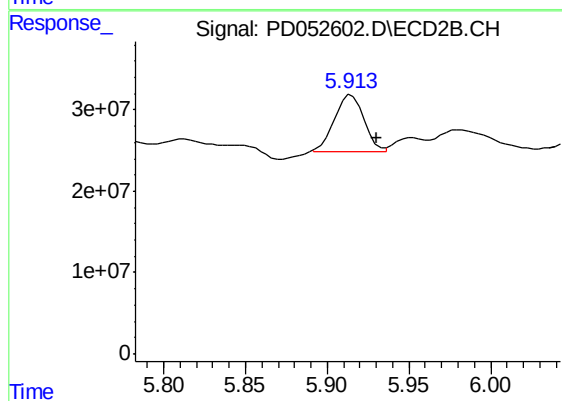
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.112 min
Response: 0
Conc: N.D.



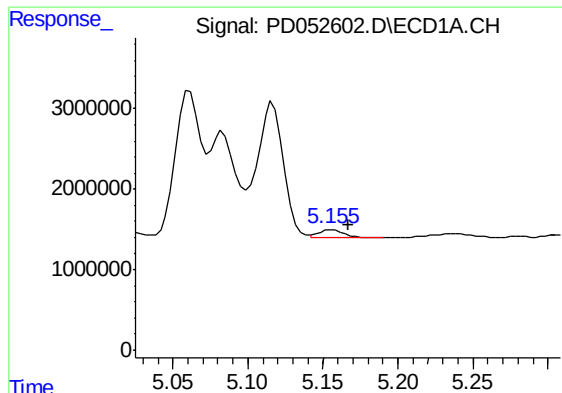
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.846 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

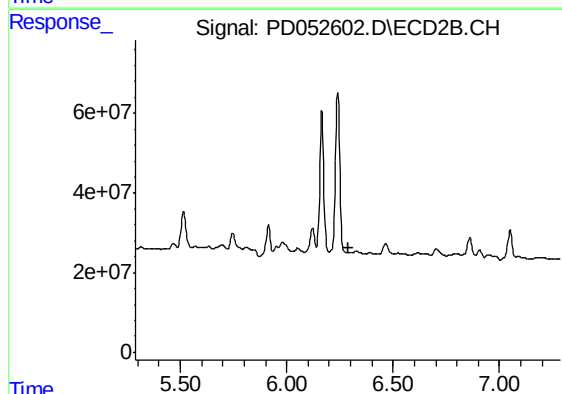
R.T.: 5.915 min
Delta R.T.: -0.015 min
Response: 86817178
Conc: 2.69 ng/ml



#9 Endosulfan I

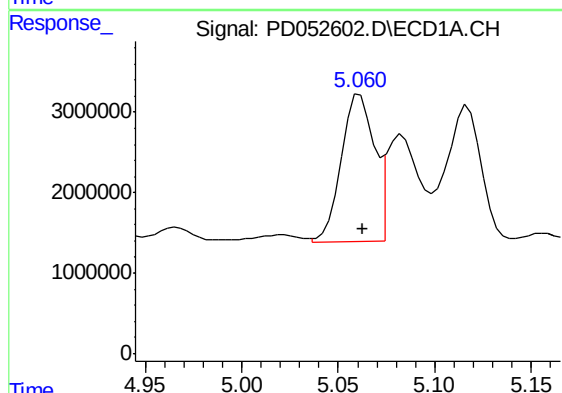
R.T.: 5.157 min
Delta R.T.: -0.011 min
Response: 1198055
Conc: 0.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2019



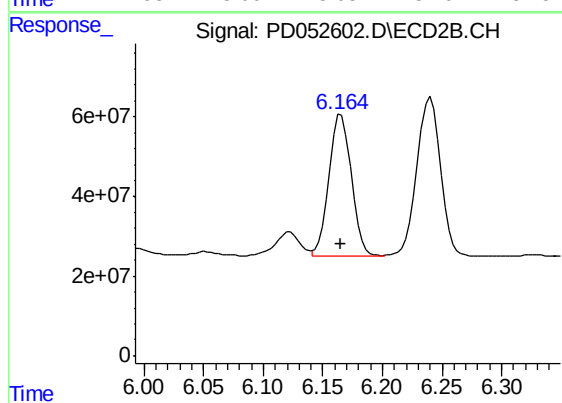
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.289 min
Response: 0
Conc: N.D.



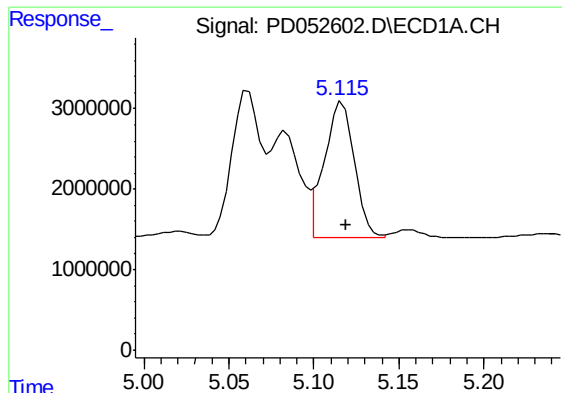
#10 gamma-Chlordane

R.T.: 5.061 min
Delta R.T.: -0.001 min
Response: 21604916
Conc: 11.08 ng/ml



#10 gamma-Chlordane

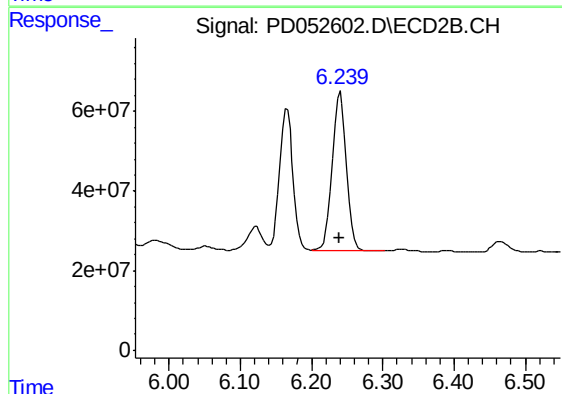
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 469514339
Conc: 14.68 ng/ml



#11 alpha-Chlordane

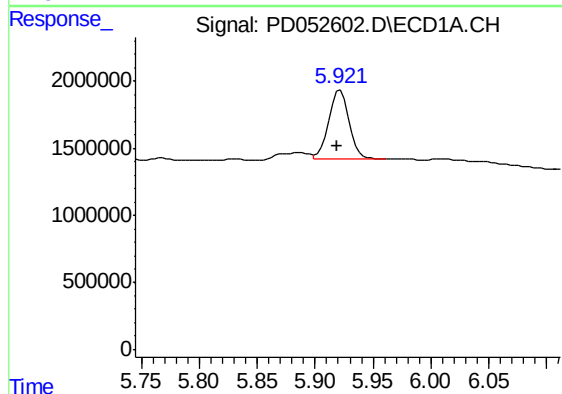
R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 21049345
Conc: 10.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2019



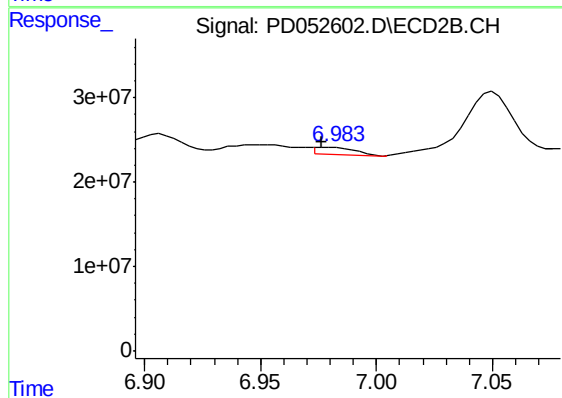
#11 alpha-Chlordane

R.T.: 6.240 min
Delta R.T.: 0.002 min
Response: 557535103
Conc: 17.76 ng/ml



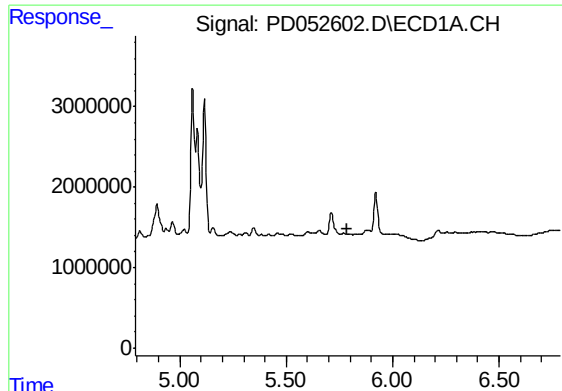
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: 0.003 min
Response: 6345704
Conc: 3.70 ng/ml



#15 Endosulfan II

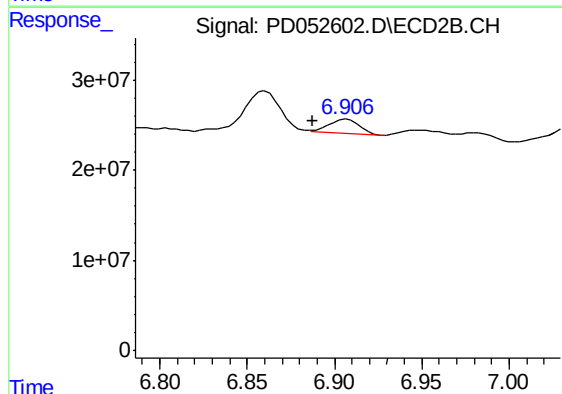
R.T.: 6.982 min
Delta R.T.: 0.005 min
Response: 9427654
Conc: 0.38 ng/ml



#16 4,4'-DDD

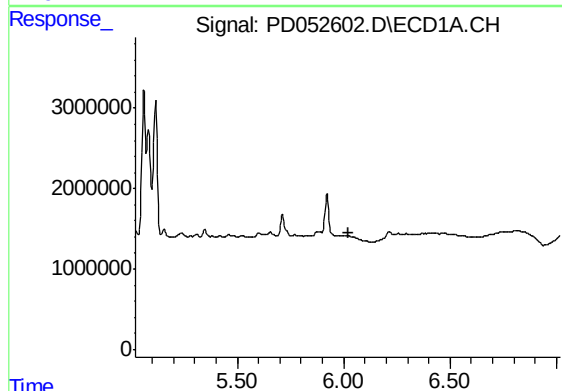
R.T.: 0.000 min
Exp R.T.: 5.789 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2019



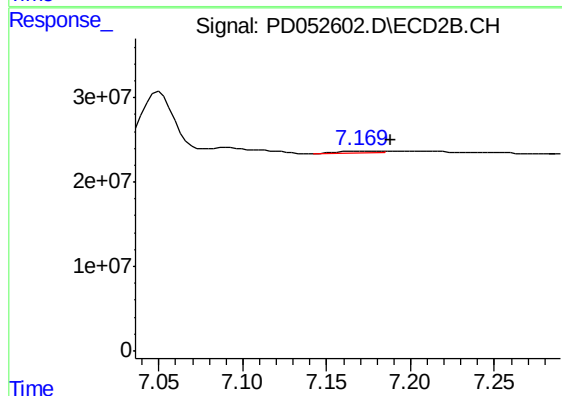
#16 4,4'-DDD

R.T.: 6.907 min
Delta R.T.: 0.019 min
Response: 18799496
Conc: 0.79 ng/ml



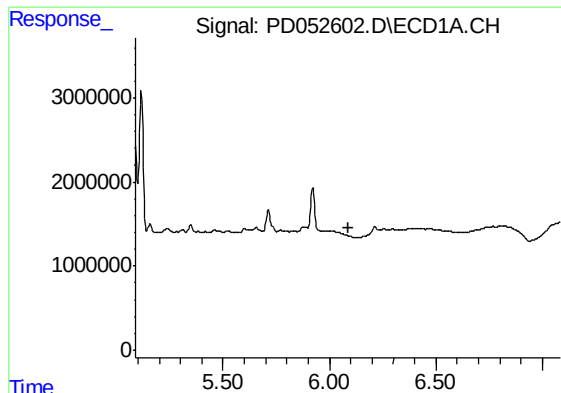
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 6.021 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

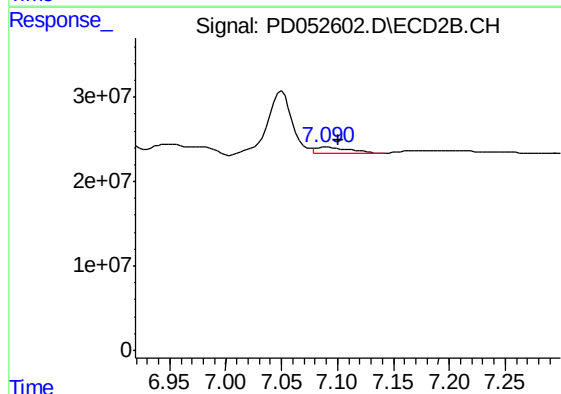
R.T.: 7.171 min
Delta R.T.: -0.017 min
Response: 3399709
Conc: 0.18 ng/ml



#18 Endrin aldehyde

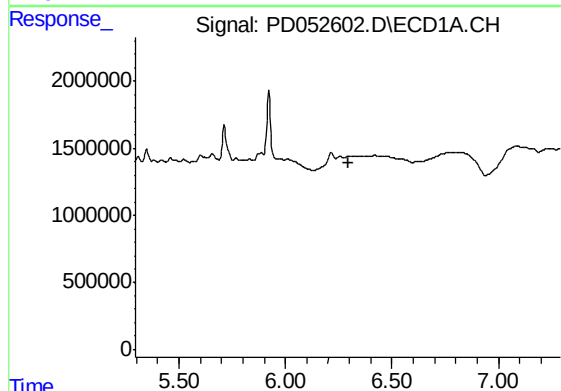
R.T.: 0.000 min
Exp R.T. : 6.087 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2019



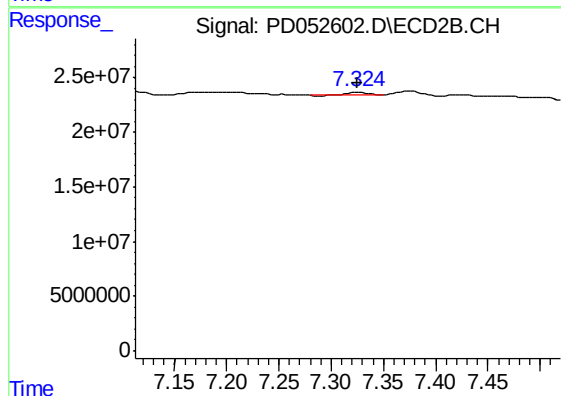
#18 Endrin aldehyde

R.T.: 7.091 min
Delta R.T.: -0.010 min
Response: 14797230
Conc: 0.72 ng/ml



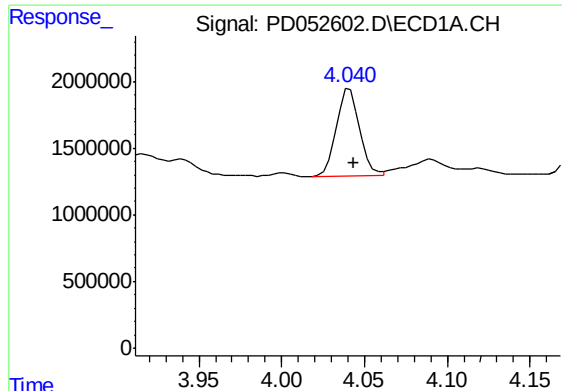
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.295 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

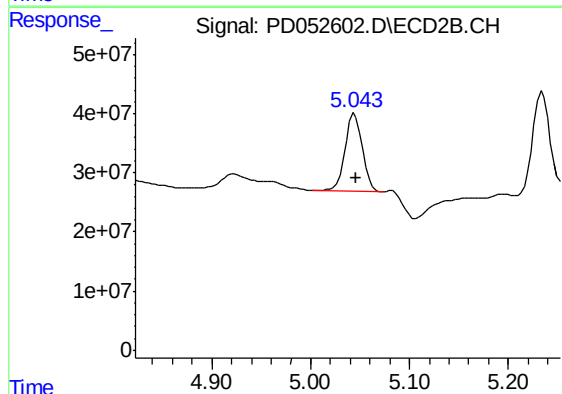
R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 2718437
Conc: 0.12 ng/ml



#23 Chlordane-1

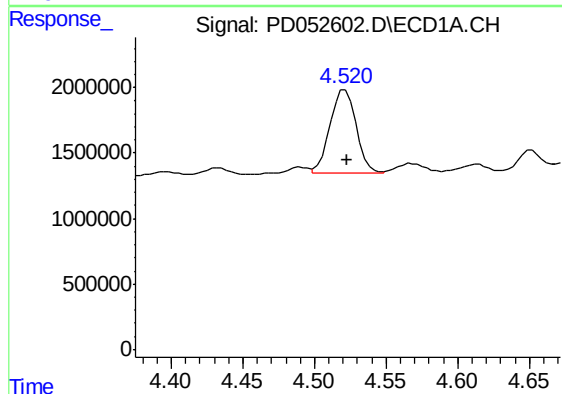
R.T.: 4.041 min
Delta R.T.: -0.002 min
Response: 6487481
Conc: 103.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2019



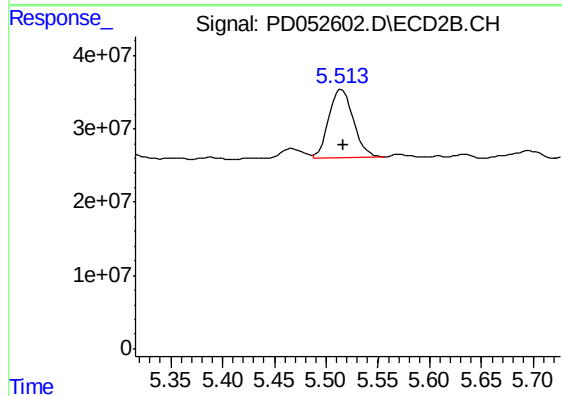
#23 Chlordane-1

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 159553013
Conc: 104.00 ng/ml



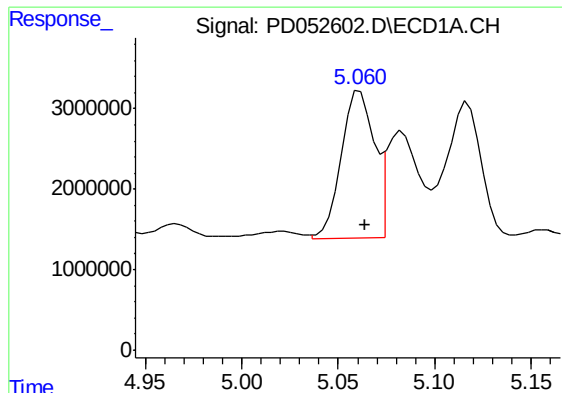
#24 Chlordane-2

R.T.: 4.521 min
Delta R.T.: -0.001 min
Response: 8108600
Conc: 108.96 ng/ml



#24 Chlordane-2

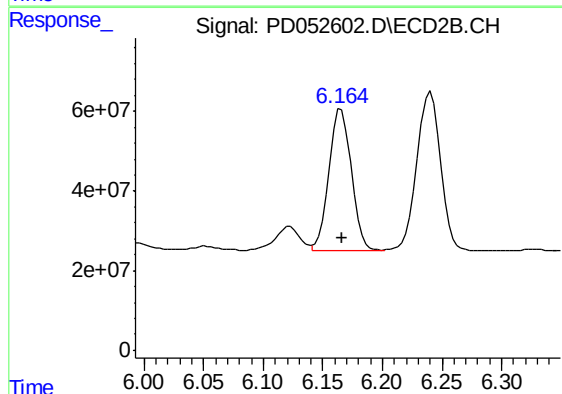
R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 154567353
Conc: 110.37 ng/ml



#25 Chlordane-3

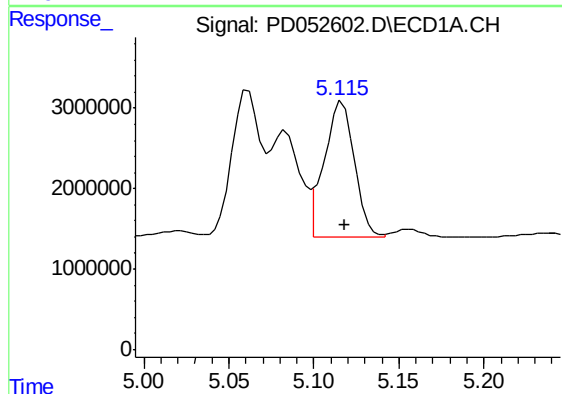
R.T.: 5.061 min
Delta R.T.: -0.002 min
Response: 21604916
Conc: 97.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2019



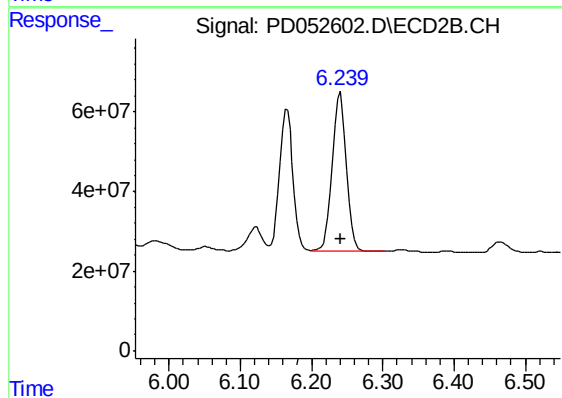
#25 Chlordane-3

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 469514339
Conc: 106.40 ng/ml



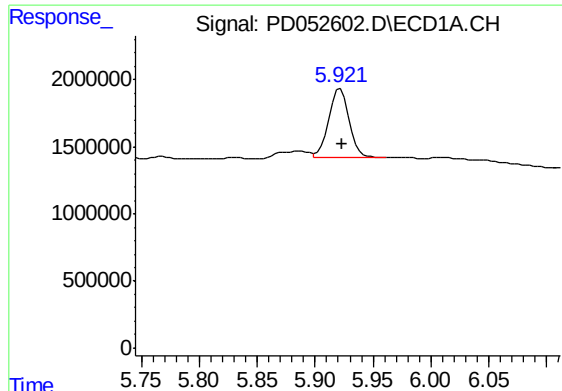
#26 Chlordane-4

R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 21049345
Conc: 99.25 ng/ml



#26 Chlordane-4

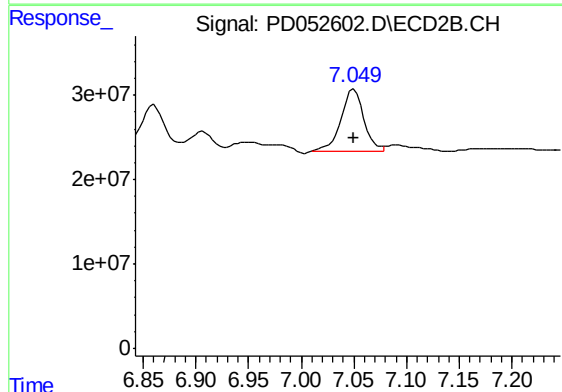
R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 557535103
Conc: 109.64 ng/ml



#27 Chlordane-5

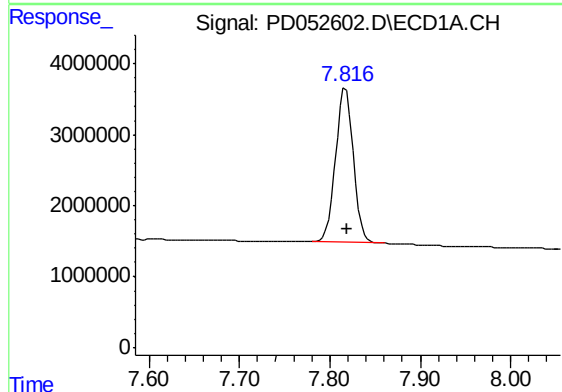
R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 6345704
Conc: 97.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2019



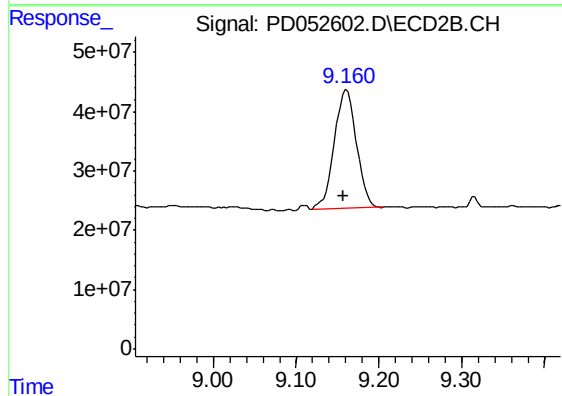
#27 Chlordane-5

R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 110959016
Conc: 120.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.818 min
Delta R.T.: -0.001 min
Response: 29304091
Conc: 21.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.161 min
Delta R.T.: 0.005 min
Response: 376164998
Conc: 24.19 ng/ml