

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030219\
 Data File : PD051509.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Mar 2019 00:34
 Operator : AJ\SJ
 Sample : K1560-02
 Misc : CHLOR LOQ 100 PPB
 ALS Vial : 27 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: Mar 02 03:08:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 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...	3.224	4.044	28125109	615.2E6	21.212	21.452
28)	SA Decachlor...	7.825	9.157	26139342	432.5E6	22.996	23.675
Target Compounds							
2)	A alpha-BHC	0.000	4.445	0 12652260	N.D.	0.290	#
3)	MA gamma-BHC...	0.000	4.744f	0 6861024	N.D.	0.173	#
4)	MA Heptachlor	4.190	5.236	9581141 247.8E6	4.466	6.462	#
5)	MB Aldrin	4.438f	5.517f	640719 96483860	0.315	2.694	#
6)	B beta-BHC	4.128f	4.922f	867311 43543253	0.985	2.423	#
7)	B delta-BHC	4.342	5.087f	878065 31483082	0.433	0.916	#
8)	B Heptachlo...	4.820f	5.916	934003 87417862	0.475	2.726	#
9)	A Endosulfan I	5.162	0.000	1036295 0	0.559	N.D.	#
10)	B gamma-Chl...	5.067	6.167	21133969 499.2E6	10.430	15.609	#
11)	B alpha-Chl...	5.122	6.241	21576997 593.3E6	10.736	18.721	#
12)	B 4,4'-DDE	0.000	6.391	0 8333058	N.D.	0.269	#
13)	MA Dieldrin	0.000	6.563f	0 5369806	N.D.	0.174	#
15)	B Endosulfa...	5.927	6.986	6558227 12297330	3.639	0.477	#
16)	A 4,4'-DDD	0.000	6.906f	0 36286228	N.D.	1.477	#
17)	MA 4,4'-DDT	0.000	7.172	0 4739574	N.D.	0.234	#
19)	B Endosulfa...	0.000	7.325	0 3210587	N.D.	0.137	#
23)	Chlordane-1	4.046	5.046	6612356 187.3E6	103.380	122.299	
24)	Chlordane-2	4.526	5.517	8532332 96483860	109.016	68.043	#
25)	Chlordane-3	5.067	6.167	21133969 499.2E6	90.805	112.094	
26)	Chlordane-4	5.122	6.241	21576997 593.3E6	96.495	113.297	
27)	Chlordane-5	5.927	7.050	6558227 37131238	91.306	36.655	#

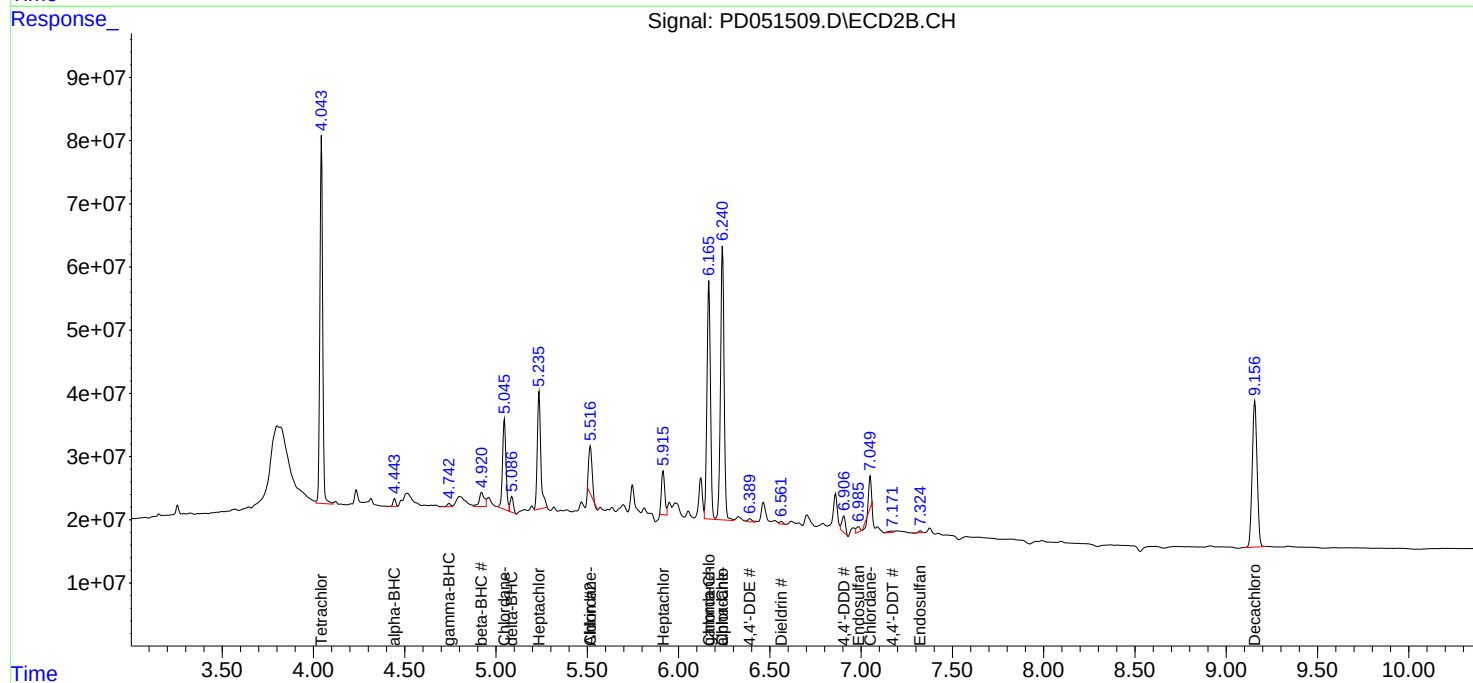
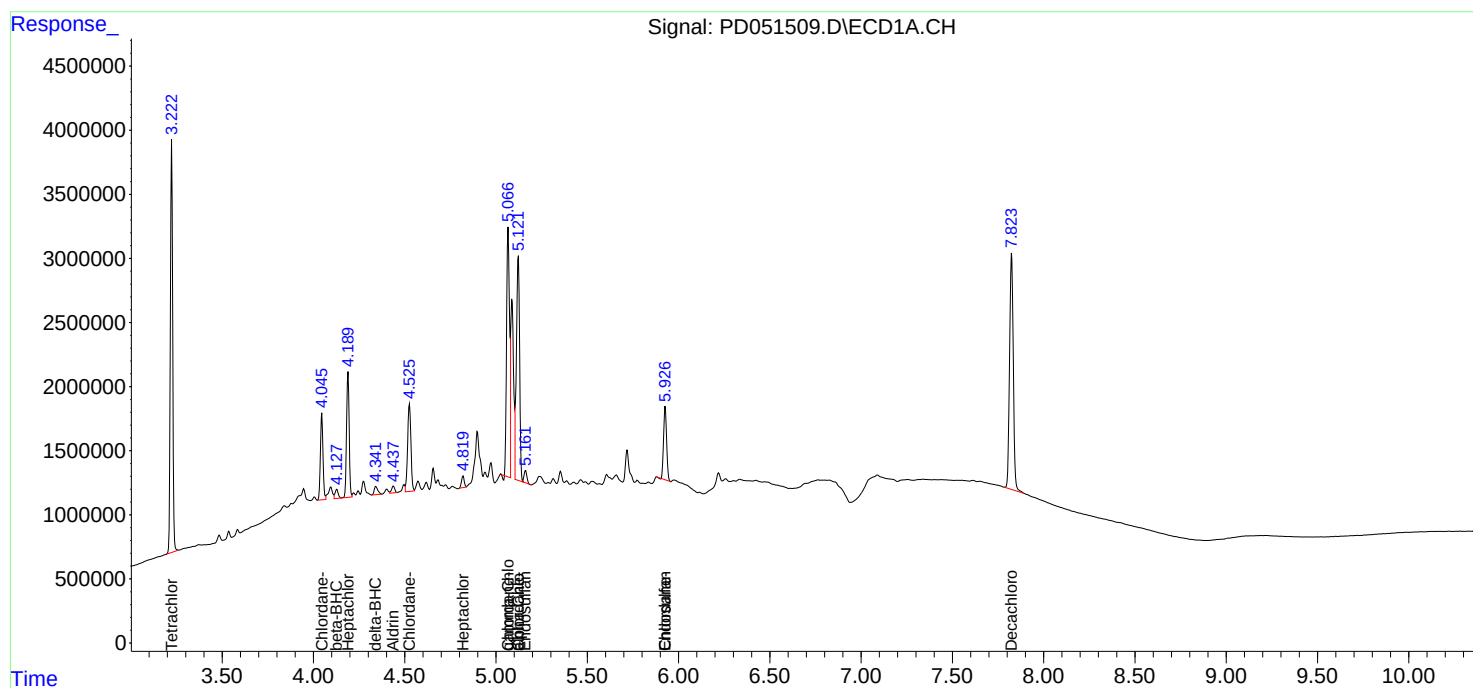
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

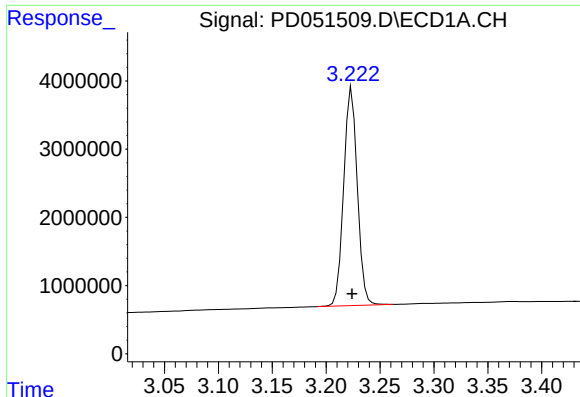
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030219\
 Data File : PD051509.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Mar 2019 00:34
 Operator : AJ\SJ
 Sample : K1560-02
 Misc : CHLOR LOQ 100 PPB
 ALS Vial : 27 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 02 03:08:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 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

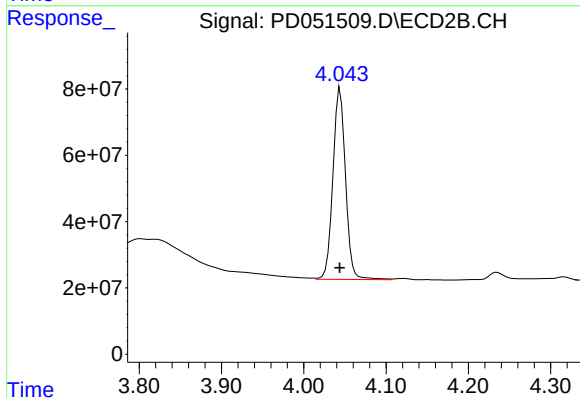




#1 Tetrachloro-m-xylene

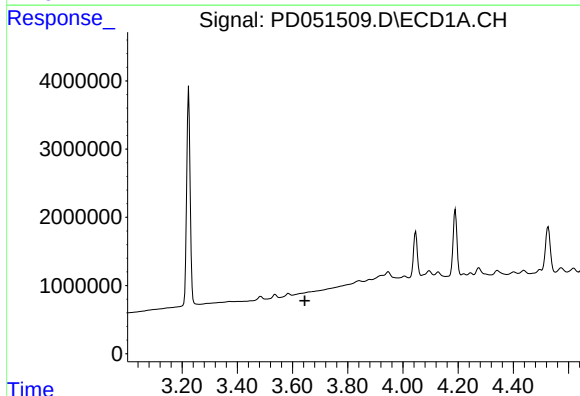
R.T.: 3.224 min
Delta R.T.: 0.000 min
Response: 28125109
Conc: 21.21 ng/ml

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



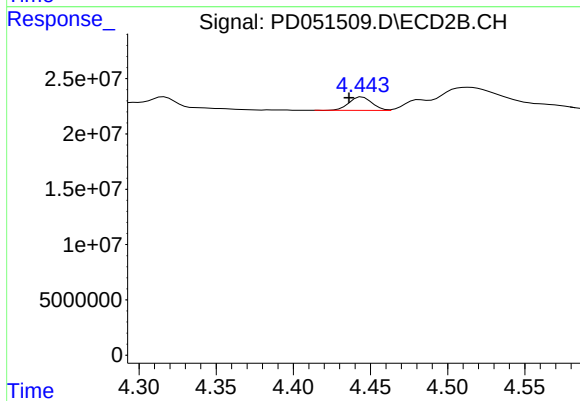
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 615190019
Conc: 21.45 ng/ml



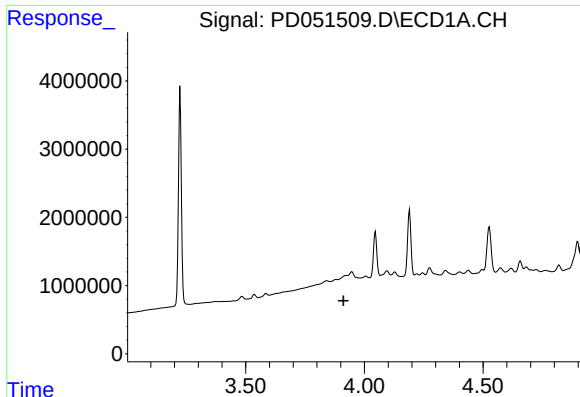
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.644 min
Response: 0
Conc: N.D.



#2 alpha-BHC

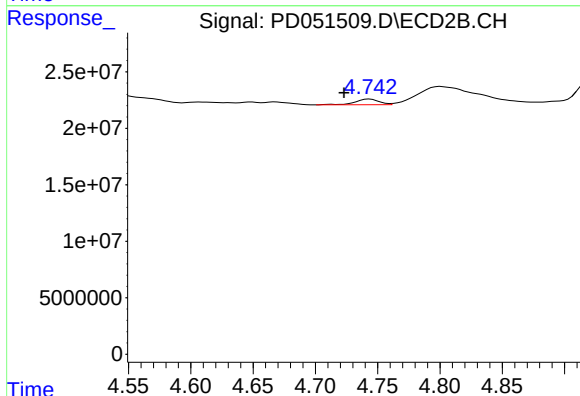
R.T.: 4.445 min
Delta R.T.: 0.009 min
Response: 12652260
Conc: 0.29 ng/ml



#3 gamma-BHC (Lindane)

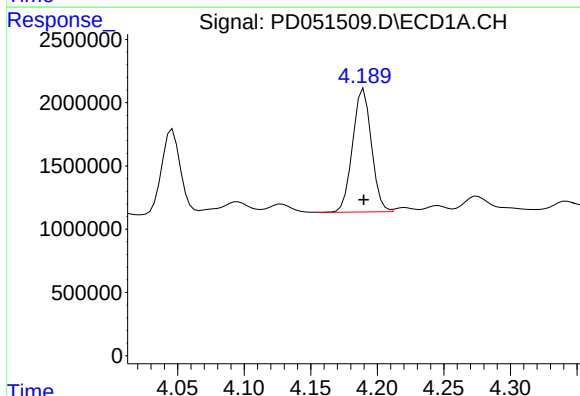
R.T.: 0.000 min
Exp R.T.: 3.912 min
Response: 0
Conc: N.D.

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



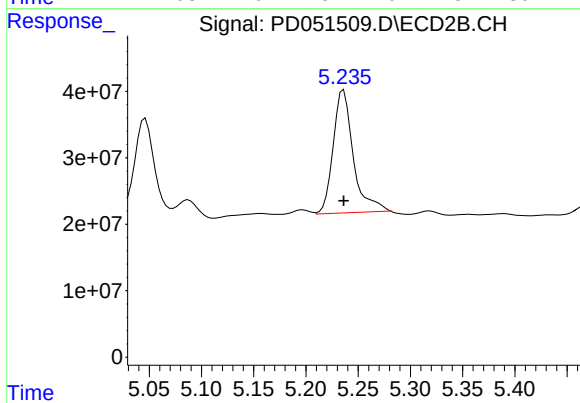
#3 gamma-BHC (Lindane)

R.T.: 4.744 min
Delta R.T.: 0.021 min
Response: 6861024
Conc: 0.17 ng/ml



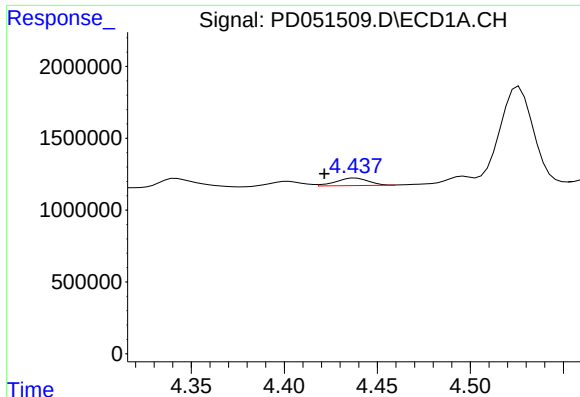
#4 Heptachlor

R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 9581141
Conc: 4.47 ng/ml



#4 Heptachlor

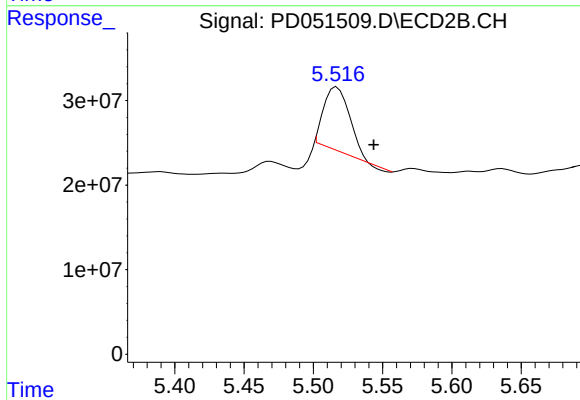
R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 247797034
Conc: 6.46 ng/ml



#5 Aldrin

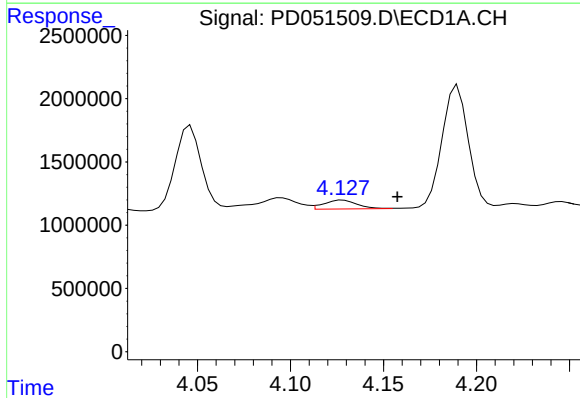
R.T.: 4.438 min
Delta R.T.: 0.017 min
Response: 640719
Conc: 0.31 ng/ml

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



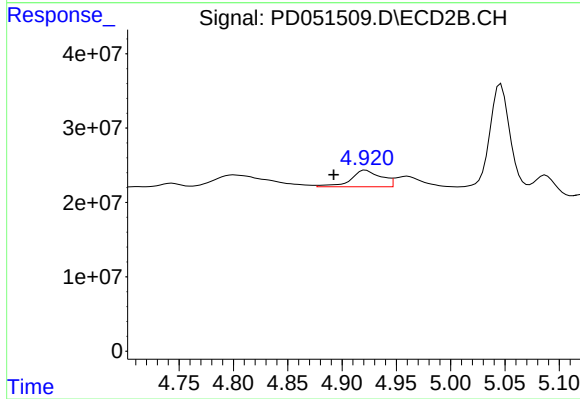
#5 Aldrin

R.T.: 5.517 min
Delta R.T.: -0.027 min
Response: 96483860
Conc: 2.69 ng/ml



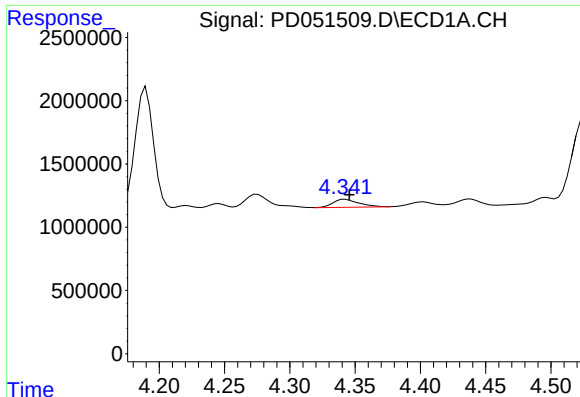
#6 beta-BHC

R.T.: 4.128 min
Delta R.T.: -0.029 min
Response: 867311
Conc: 0.99 ng/ml



#6 beta-BHC

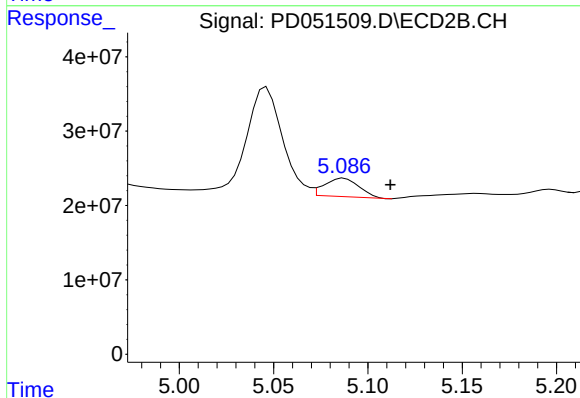
R.T.: 4.922 min
Delta R.T.: 0.029 min
Response: 43543253
Conc: 2.42 ng/ml



#7 delta-BHC

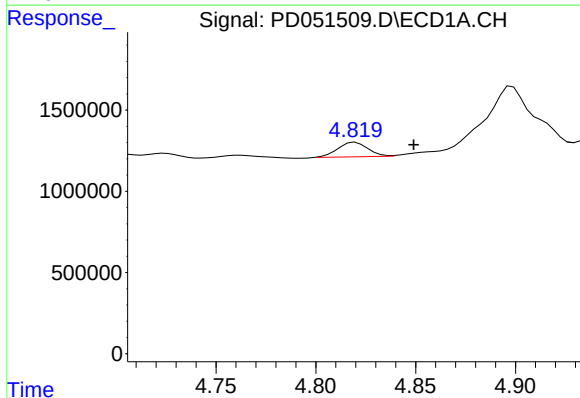
R.T.: 4.342 min
Delta R.T.: -0.004 min
Response: 878065
Conc: 0.43 ng/ml

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



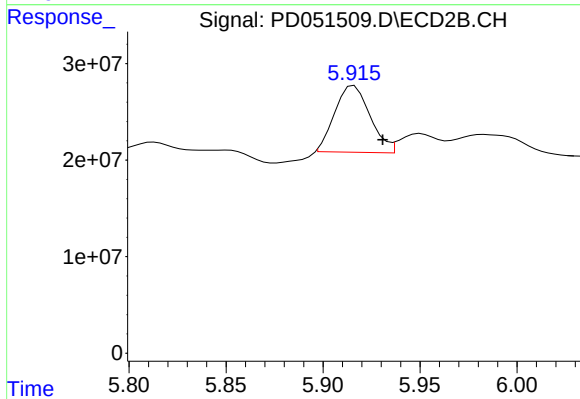
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: -0.025 min
Response: 31483082
Conc: 0.92 ng/ml



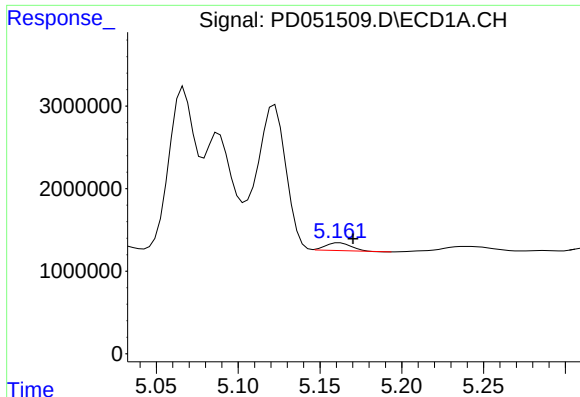
#8 Heptachlor epoxide

R.T.: 4.820 min
Delta R.T.: -0.029 min
Response: 934003
Conc: 0.48 ng/ml



#8 Heptachlor epoxide

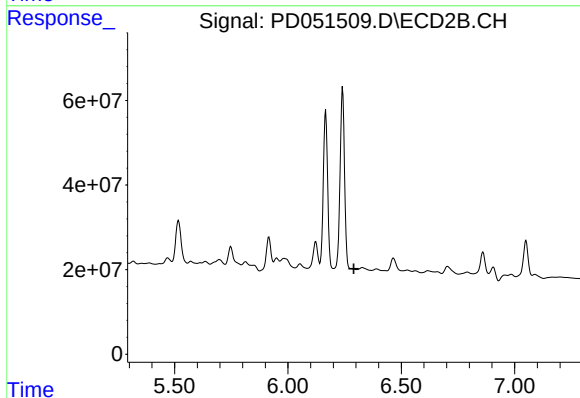
R.T.: 5.916 min
Delta R.T.: -0.015 min
Response: 87417862
Conc: 2.73 ng/ml



#9 Endosulfan I

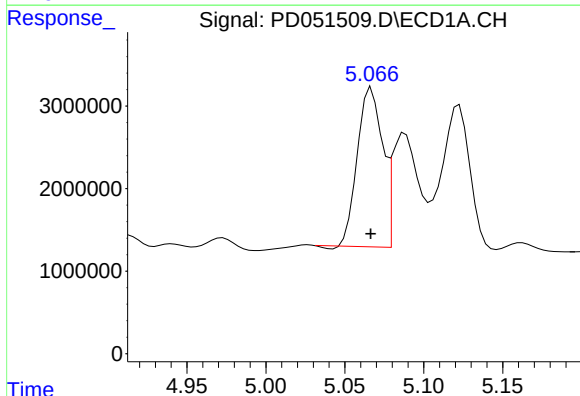
R.T.: 5.162 min
Delta R.T.: -0.008 min
Response: 1036295
Conc: 0.56 ng/ml

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



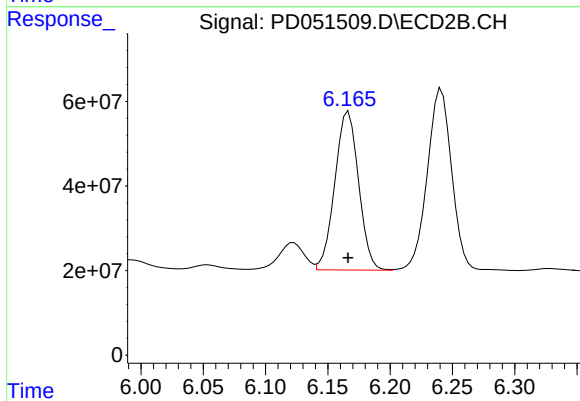
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.290 min
Response: 0
Conc: N.D.



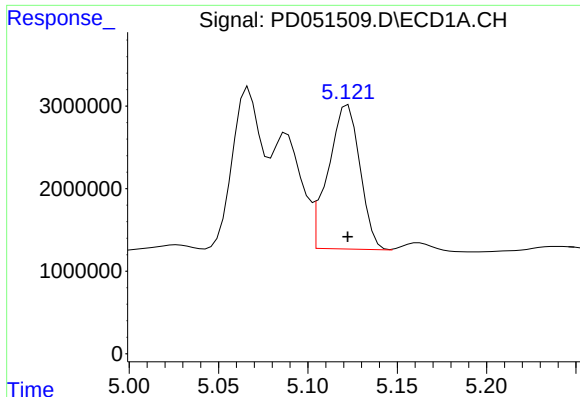
#10 gamma-Chlordane

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 21133969
Conc: 10.43 ng/ml



#10 gamma-Chlordane

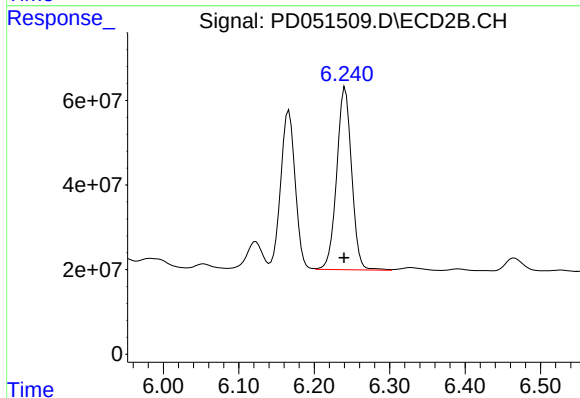
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 499165183
Conc: 15.61 ng/ml



#11 alpha-Chlordane

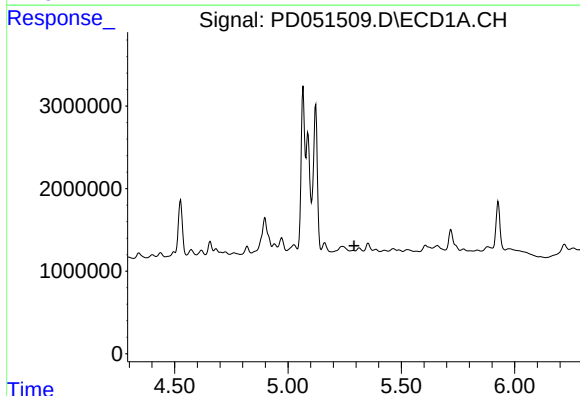
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 21576997
Conc: 10.74 ng/ml

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



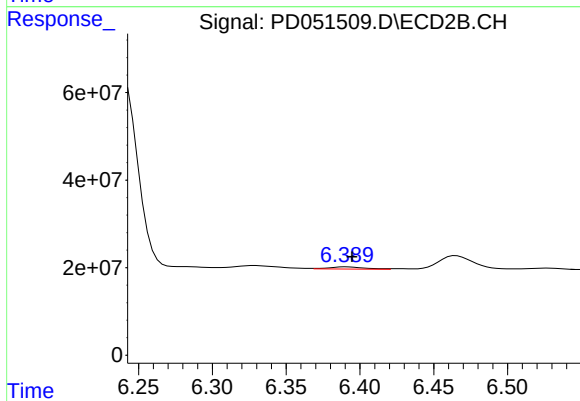
#11 alpha-Chlordane

R.T.: 6.241 min
Delta R.T.: 0.001 min
Response: 593342341
Conc: 18.72 ng/ml



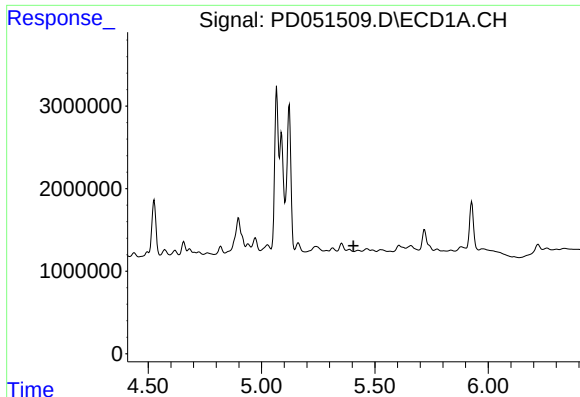
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.292 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

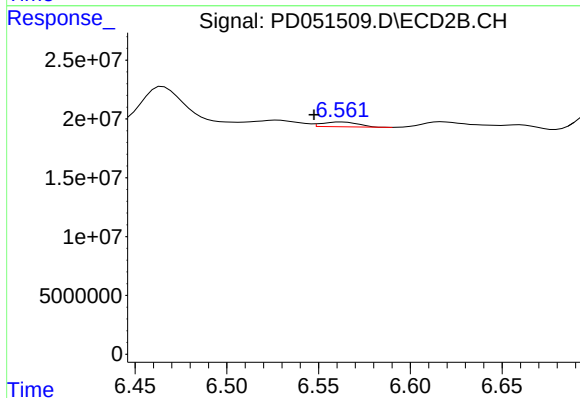
R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 8333058
Conc: 0.27 ng/ml



#13 Dieldrin

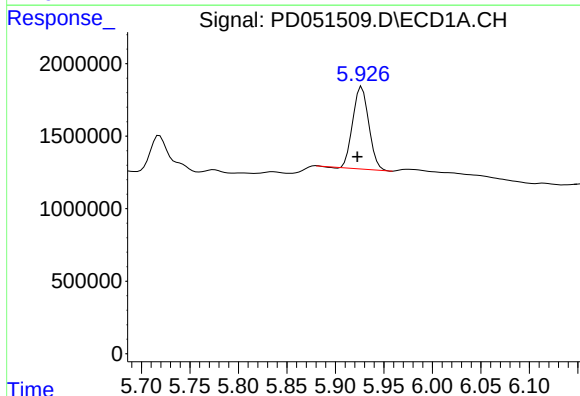
R.T.: 0.000 min
Exp R.T.: 5.406 min
Response: 0
Conc: N.D.

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



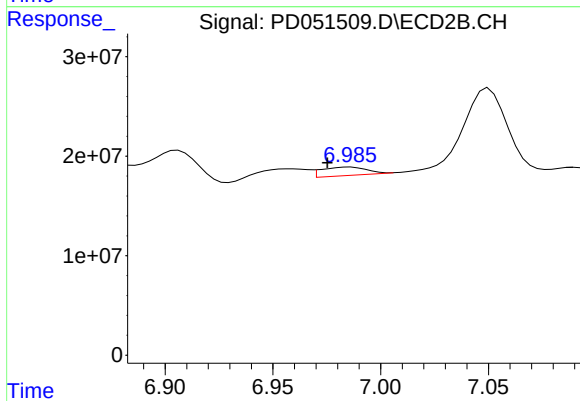
#13 Dieldrin

R.T.: 6.563 min
Delta R.T.: 0.015 min
Response: 5369806
Conc: 0.17 ng/ml



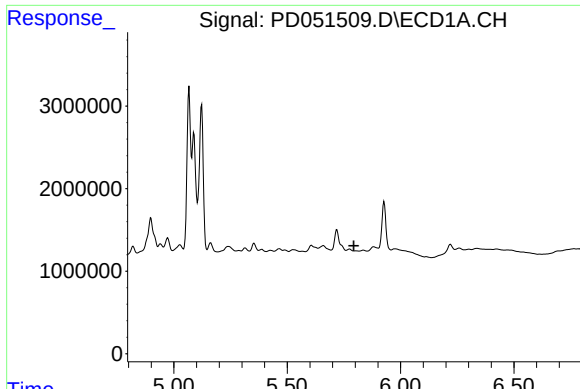
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: 0.005 min
Response: 6558227
Conc: 3.64 ng/ml



#15 Endosulfan II

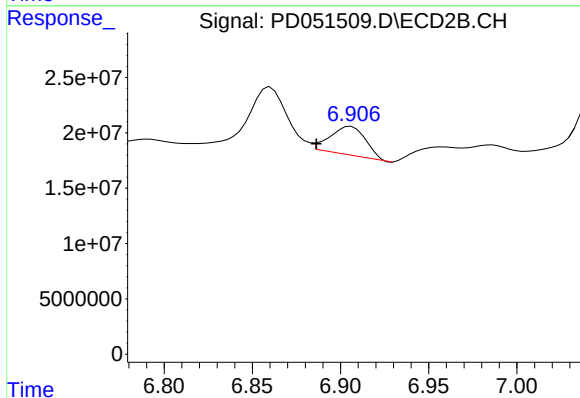
R.T.: 6.986 min
Delta R.T.: 0.010 min
Response: 12297330
Conc: 0.48 ng/ml



#16 4,4'-DDD

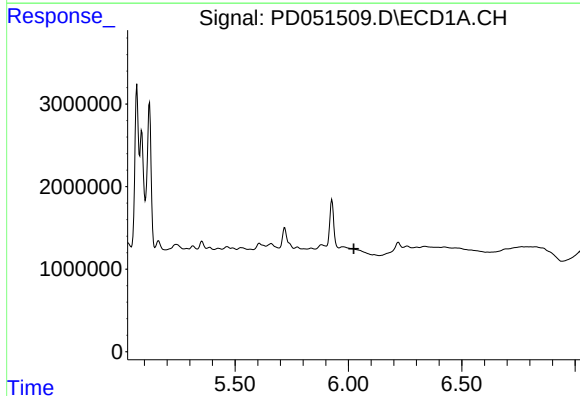
R.T.: 0.000 min
Exp R.T.: 5.793 min
Response: 0
Conc: N.D.

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



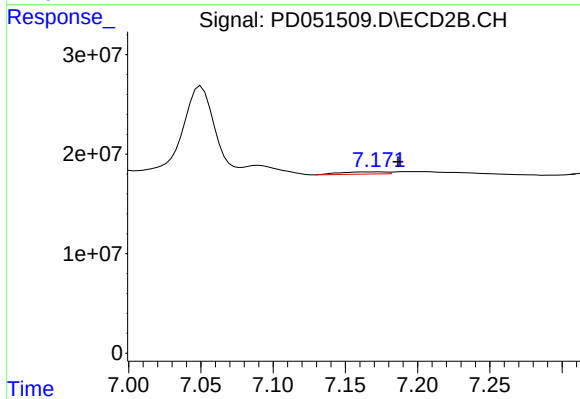
#16 4,4'-DDD

R.T.: 6.906 min
Delta R.T.: 0.020 min
Response: 36286228
Conc: 1.48 ng/ml



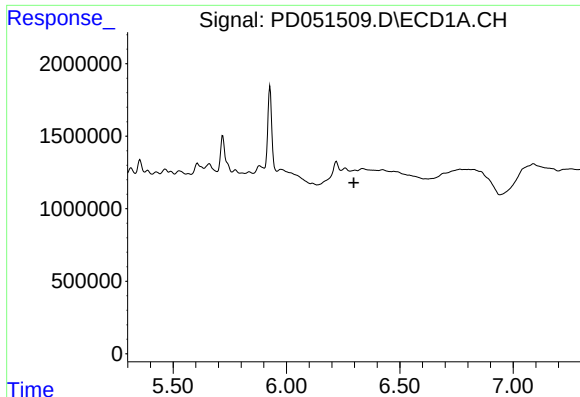
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 6.024 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

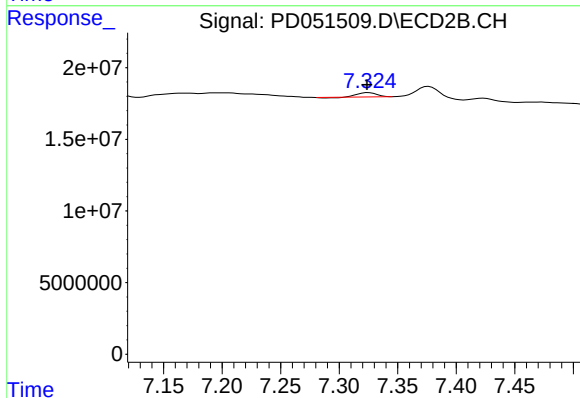
R.T.: 7.172 min
Delta R.T.: -0.015 min
Response: 4739574
Conc: 0.23 ng/ml



#19 Endosulfan Sulfate

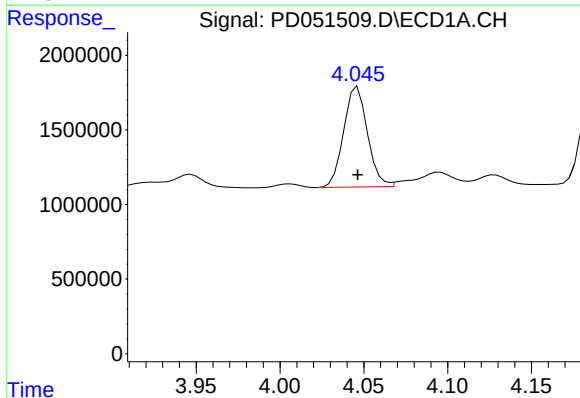
R.T.: 0.000 min
Exp R.T.: 6.298 min
Response: 0
Conc: N.D.

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



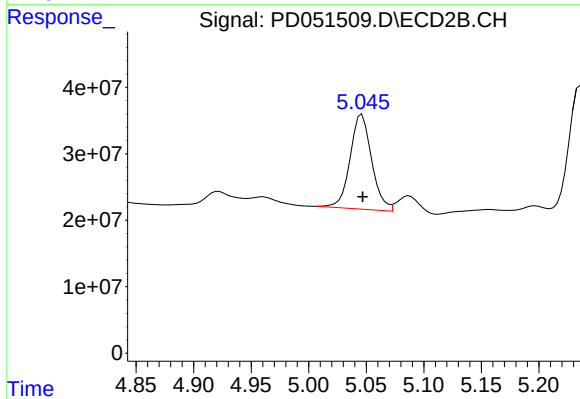
#19 Endosulfan Sulfate

R.T.: 7.325 min
Delta R.T.: 0.001 min
Response: 3210587
Conc: 0.14 ng/ml



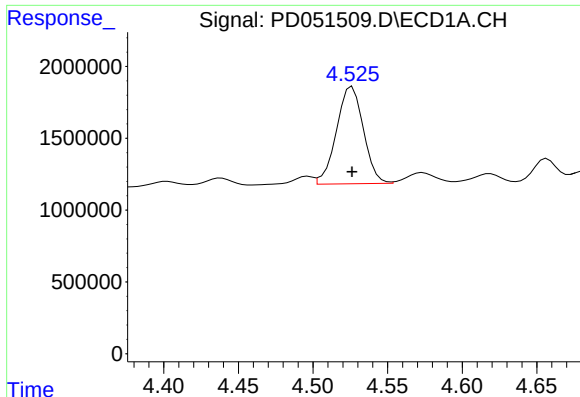
#23 Chlordane-1

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 6612356
Conc: 103.38 ng/ml



#23 Chlordane-1

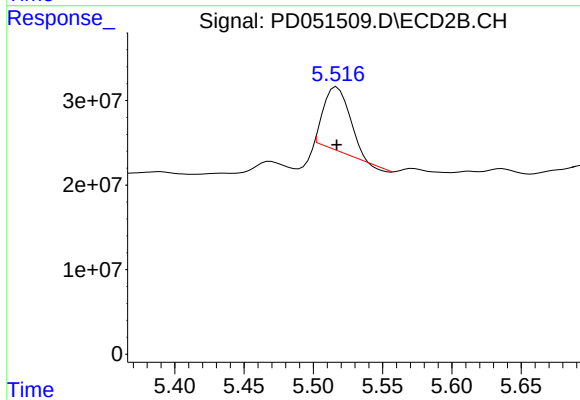
R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 187266627
Conc: 122.30 ng/ml



#24 Chlordane-2

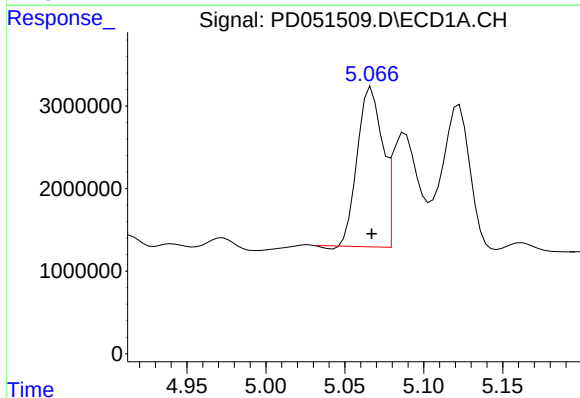
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 8532332
Conc: 109.02 ng/ml

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



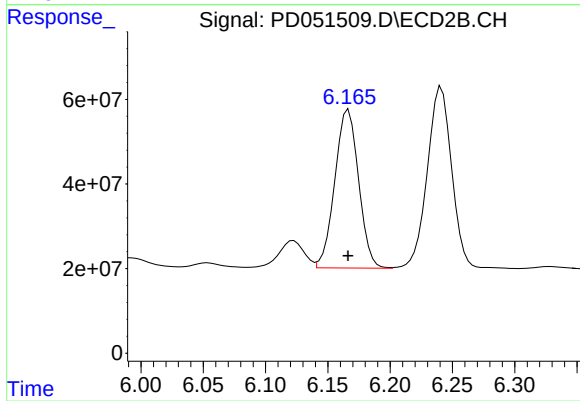
#24 Chlordane-2

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 96483860
Conc: 68.04 ng/ml



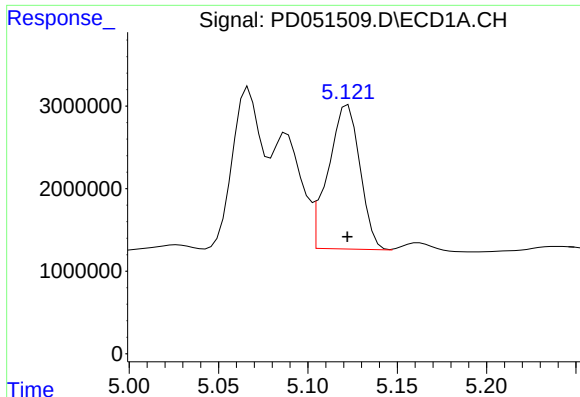
#25 Chlordane-3

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 21133969
Conc: 90.81 ng/ml



#25 Chlordane-3

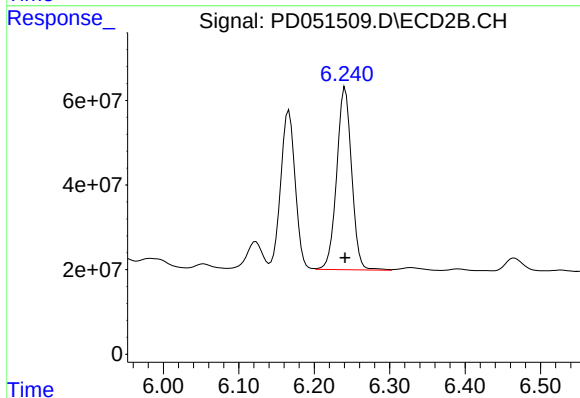
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 499165183
Conc: 112.09 ng/ml



#26 Chlordane-4

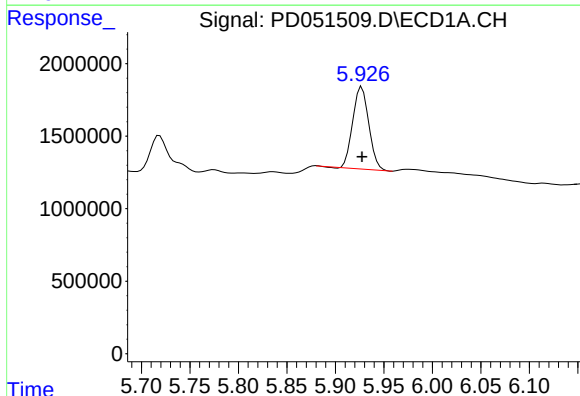
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 21576997
Conc: 96.50 ng/ml

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



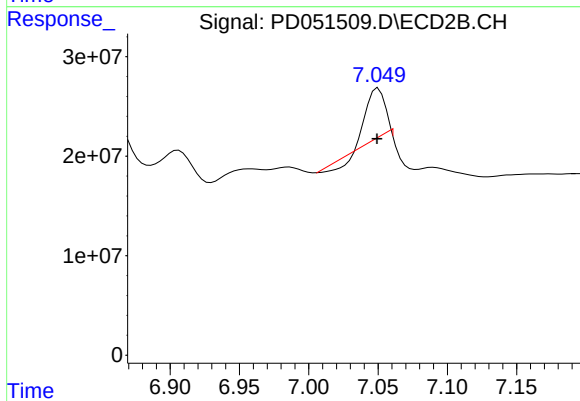
#26 Chlordane-4

R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 593342341
Conc: 113.30 ng/ml



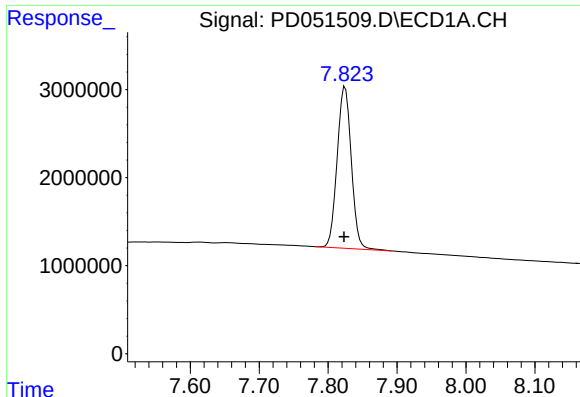
#27 Chlordane-5

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 6558227
Conc: 91.31 ng/ml



#27 Chlordane-5

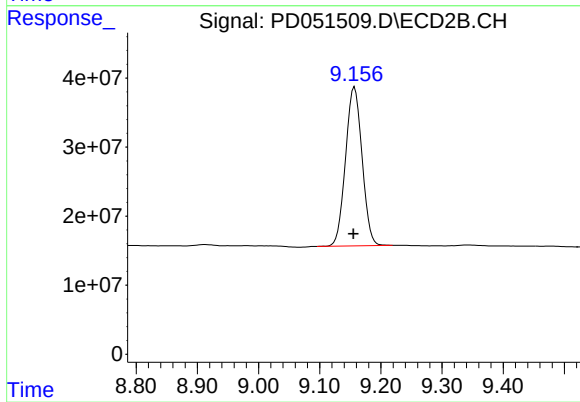
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 37131238
Conc: 36.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.825 min
Delta R.T.: 0.001 min
Response: 26139342
Conc: 23.00 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 9.157 min
Delta R.T.: 0.002 min
Response: 432471428
Conc: 23.67 ng/ml