

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030219\
 Data File : PD051507.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Mar 2019 00:06
 Operator : AJ\SJ
 Sample : K1560-02
 Misc : PEST LOQ 10 PPB
 ALS Vial : 25 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 03:03:42 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	26471678	607.2E6	19.965	21.175
28)	SA Decachlor...	7.823	9.158	26455984	418.9E6	23.275	22.932
Target Compounds							
2)	A alpha-BHC	3.644	4.436	18945232	463.4E6	8.630	10.621
3)	MA gamma-BHC...	3.912	4.724	18862724	428.6E6	9.028	10.821
4)	MA Heptachlor	4.190	5.237	19857177	436.4E6	9.256	11.378
5)	MB Aldrin	4.422	5.544	18621015	402.1E6	9.147	11.227
6)	B beta-BHC	4.157	4.893	9005193	208.5E6	10.228	11.601
7)	B delta-BHC	4.346	5.113	17701013	402.0E6	8.729	11.699 #
8)	B Heptachlo...	4.849	5.931	18831647	368.7E6	9.579	11.499
9)	A Endosulfan I	5.171	6.290	17844309	353.1E6	9.629	11.910
10)	B gamma-Chl...	5.066	6.167	19223562	370.6E6	9.487	11.589
11)	B alpha-Chl...	5.123	6.240	19454610	370.1E6	9.680	11.677
12)	B 4,4'-DDE	5.292	6.396	17018560	352.9E6	9.085	11.411 #
13)	MA Dieldrin	5.406	6.549	18761238	353.1E6	9.332	11.443
14)	MA Endrin	5.653	6.768	18105904	298.4E6	9.450	11.428
15)	B Endosulfa...	5.923	6.977	18476373	318.6E6	10.252	12.367
16)	A 4,4'-DDD	5.793	6.888	14206739	299.1E6	9.023	12.176 #
17)	MA 4,4'-DDT	6.025	7.188	16070648	220.4E6	10.059	10.880
18)	B Endrin al...	6.090	7.101	15534023	251.1E6	10.502	11.710
19)	B Endosulfa...	6.298	7.325	17255993	276.4E6	10.437	11.792
20)	A Methoxychlor	6.571	7.647	9497885	129.1E6	10.695	11.727
21)	B Endrin ke...	6.773	7.799	19412326	260.8E6	10.487	11.542
22)	Mirex	6.943	8.257	14157096	190.0E6	11.254	12.279
24)	Chlordane-2	0.000	5.544f	0	402.1E6	N.D.	283.578 #
25)	Chlordane-3	5.066	6.167	19223562	370.6E6	82.597	83.221
26)	Chlordane-4	5.123	6.240	19454610	370.1E6	87.004	70.667
27)	Chlordane-5	5.923	7.049	18476373	994275	257.236	0.982 #

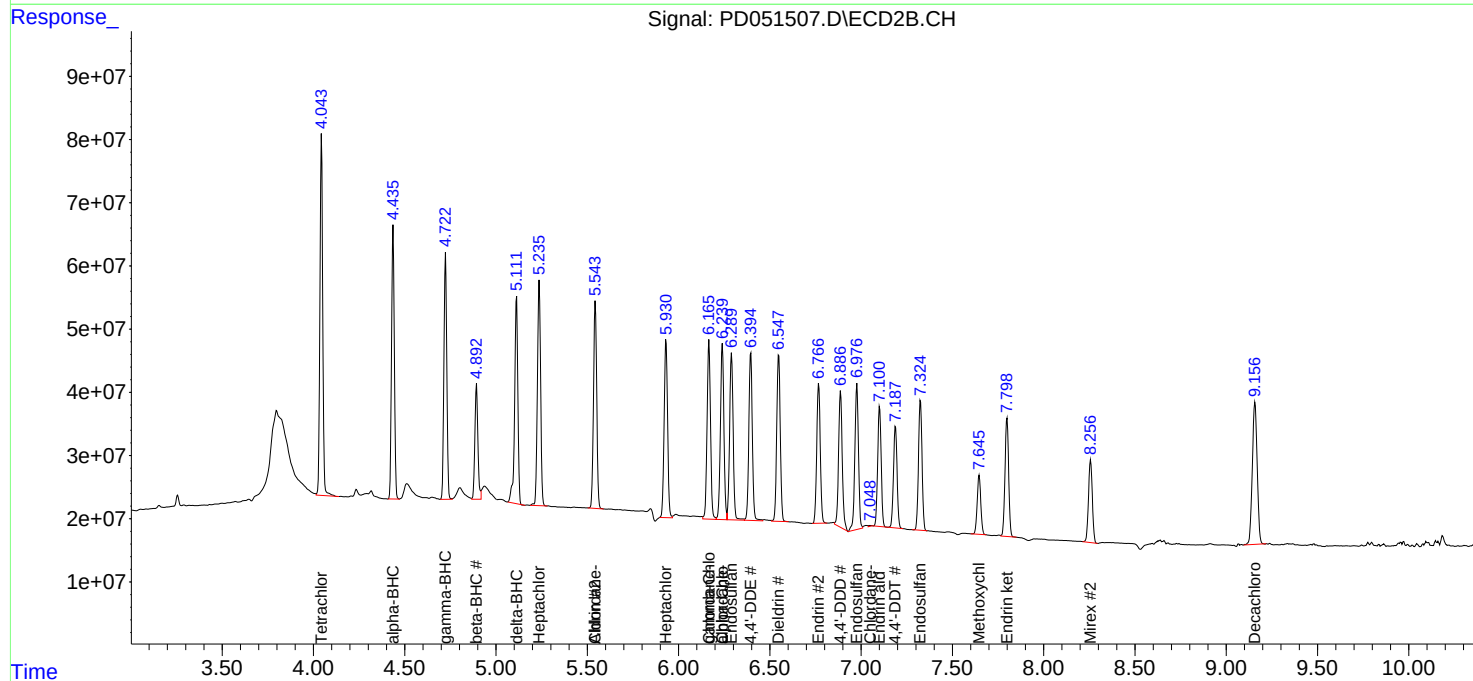
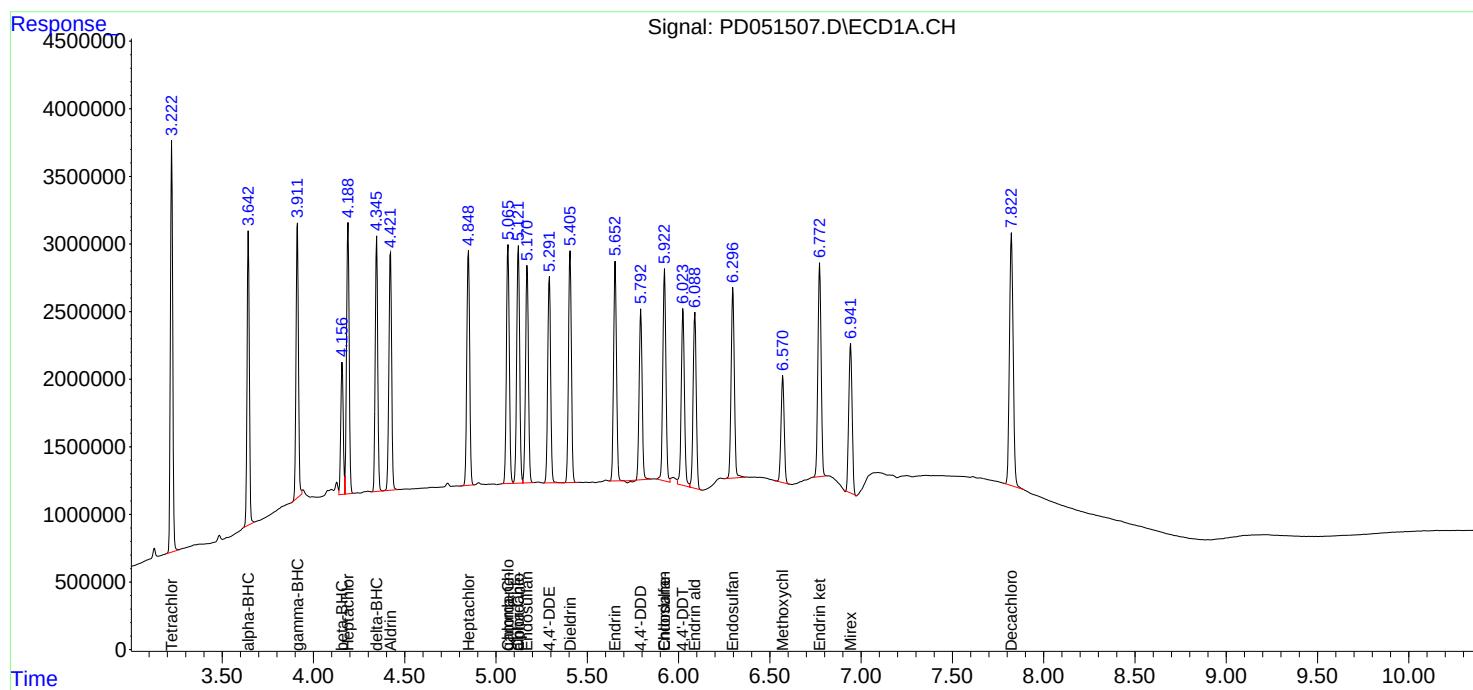
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

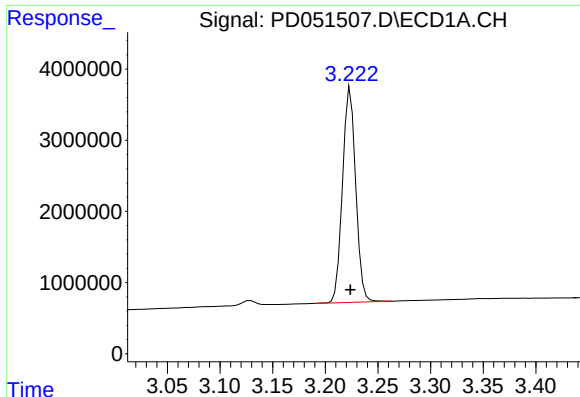
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030219\
Data File : PD051507.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Mar 2019 00:06
Operator : AJ\SJ
Sample : K1560-02
Misc : PEST LOQ 10 PPB
ALS Vial : 25 Sample Multiplier: 1

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 03:03:42 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

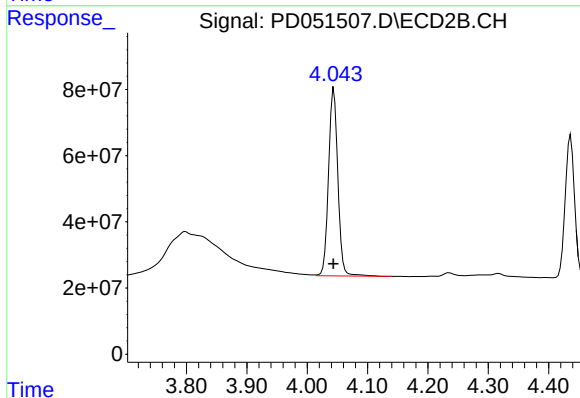




#1 Tetrachloro-m-xylene

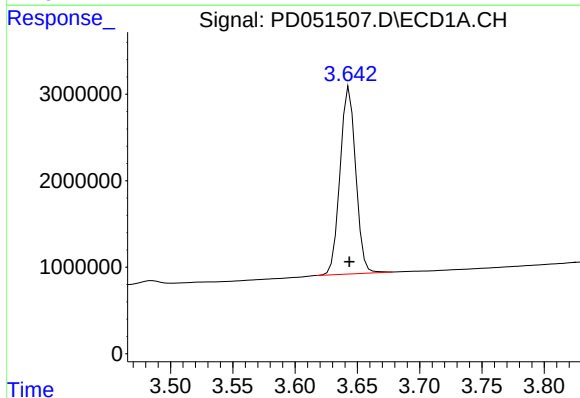
R.T.: 3.224 min
Delta R.T.: 0.000 min
Response: 26471678
Conc: 19.96 ng/ml

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



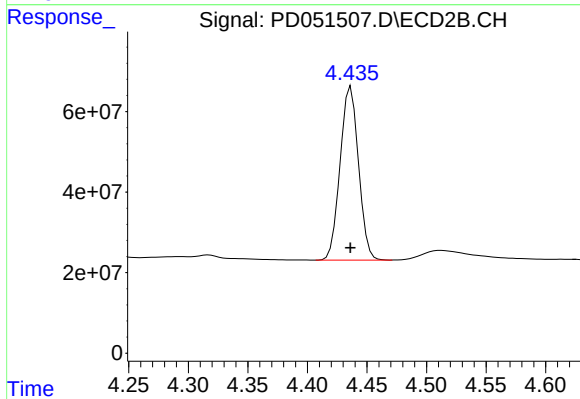
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 607249846
Conc: 21.18 ng/ml



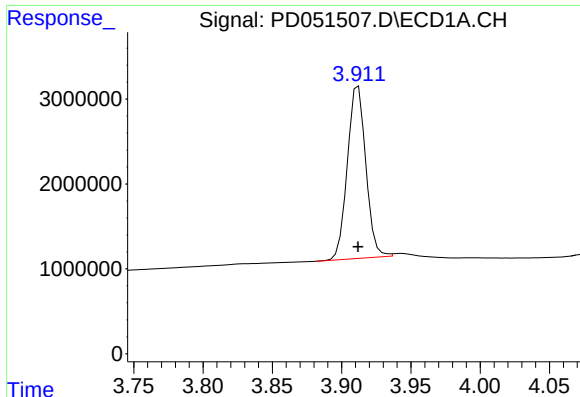
#2 alpha-BHC

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 18945232
Conc: 8.63 ng/ml



#2 alpha-BHC

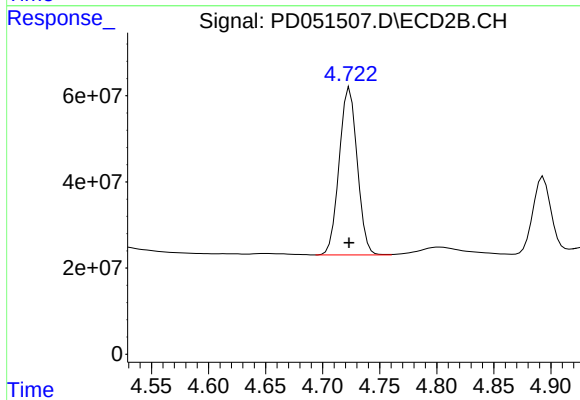
R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 463392295
Conc: 10.62 ng/ml



#3 gamma-BHC (Lindane)

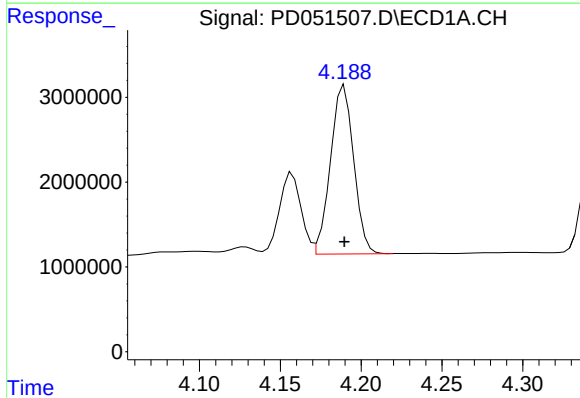
R.T.: 3.912 min
Delta R.T.: 0.000 min
Response: 18862724
Conc: 9.03 ng/ml

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



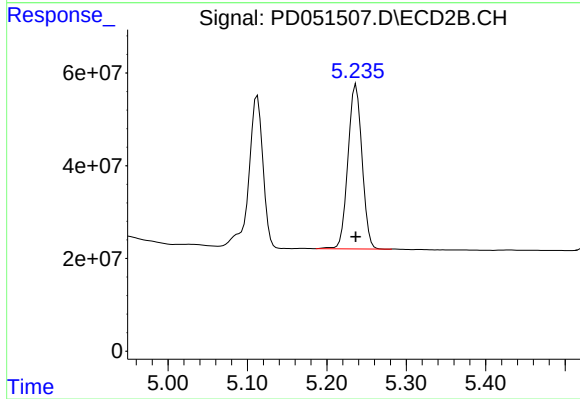
#3 gamma-BHC (Lindane)

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 428611155
Conc: 10.82 ng/ml



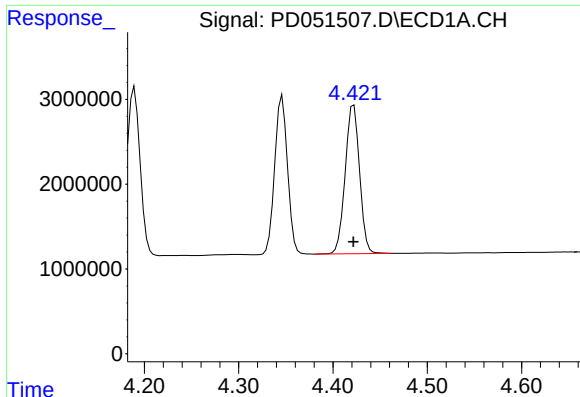
#4 Heptachlor

R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 19857177
Conc: 9.26 ng/ml



#4 Heptachlor

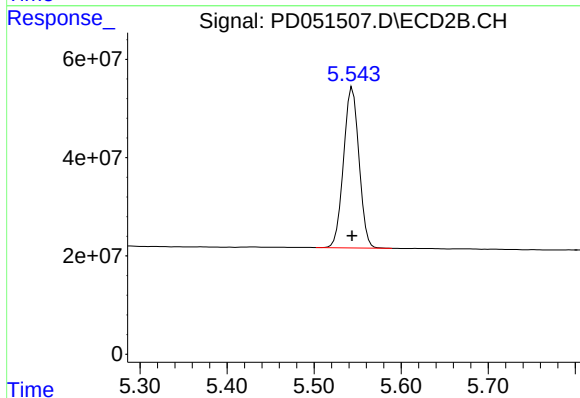
R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 436356986
Conc: 11.38 ng/ml



#5 Aldrin

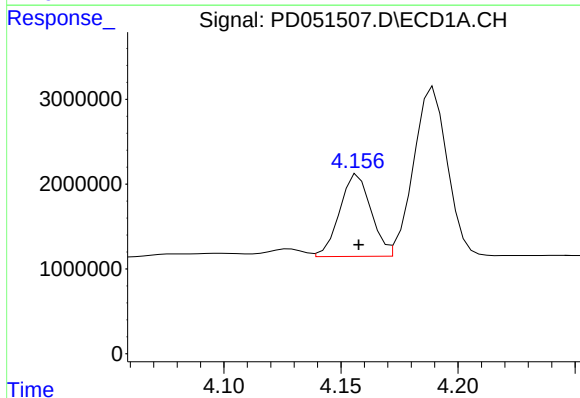
R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 18621015
Conc: 9.15 ng/ml

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



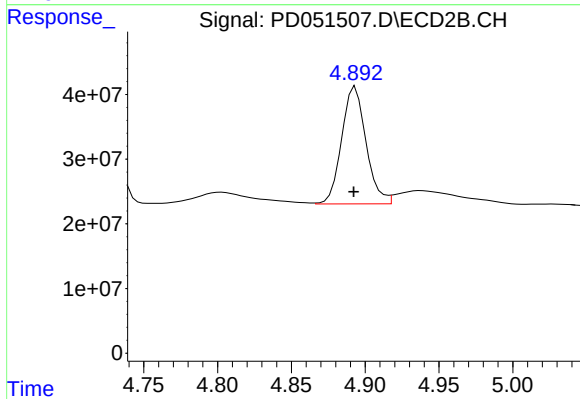
#5 Aldrin

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 402110568
Conc: 11.23 ng/ml



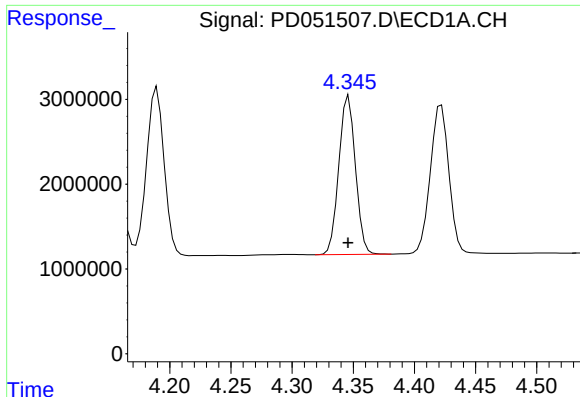
#6 beta-BHC

R.T.: 4.157 min
Delta R.T.: 0.000 min
Response: 9005193
Conc: 10.23 ng/ml



#6 beta-BHC

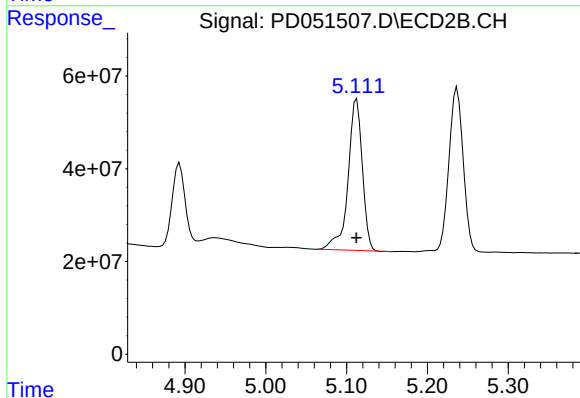
R.T.: 4.893 min
Delta R.T.: 0.001 min
Response: 208502789
Conc: 11.60 ng/ml



#7 delta-BHC

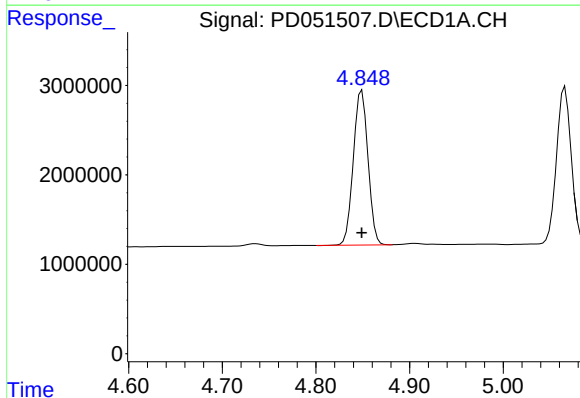
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 17701013
Conc: 8.73 ng/ml

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



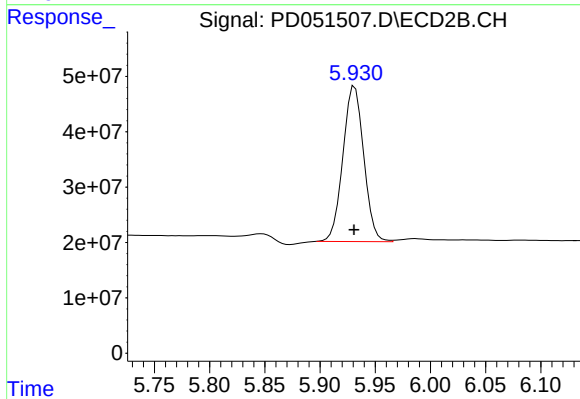
#7 delta-BHC

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 402036244
Conc: 11.70 ng/ml



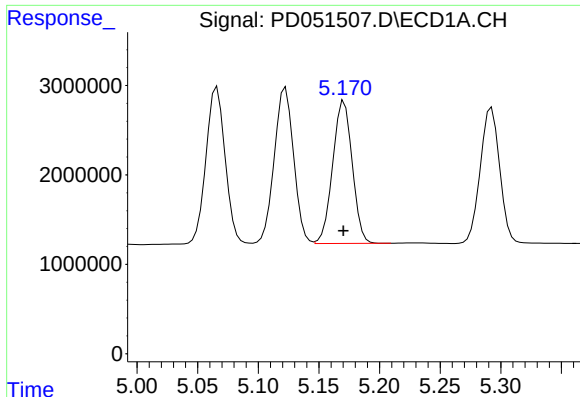
#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: 0.000 min
Response: 18831647
Conc: 9.58 ng/ml



#8 Heptachlor epoxide

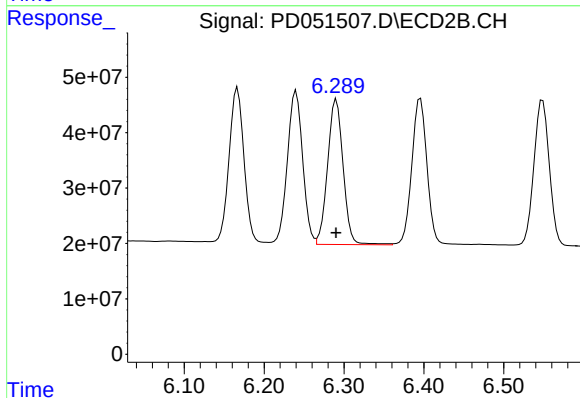
R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 368720590
Conc: 11.50 ng/ml



#9 Endosulfan I

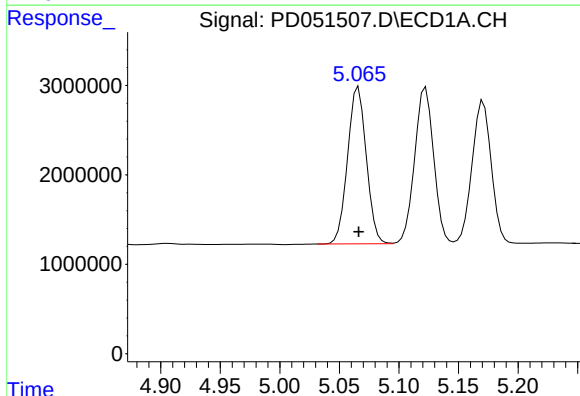
R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 17844309
Conc: 9.63 ng/ml

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



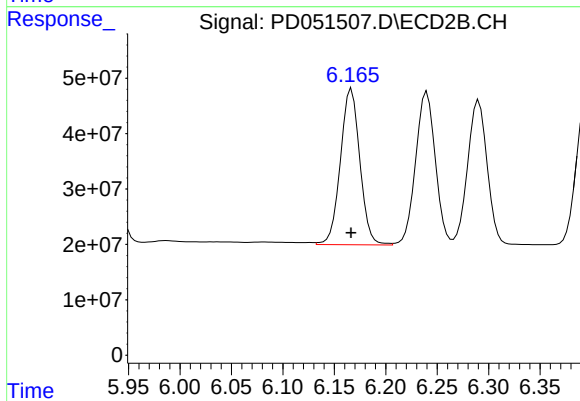
#9 Endosulfan I

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 353084341
Conc: 11.91 ng/ml



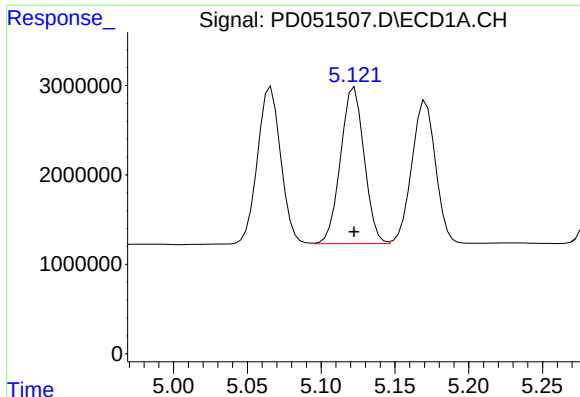
#10 gamma-Chlordane

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 19223562
Conc: 9.49 ng/ml



#10 gamma-Chlordane

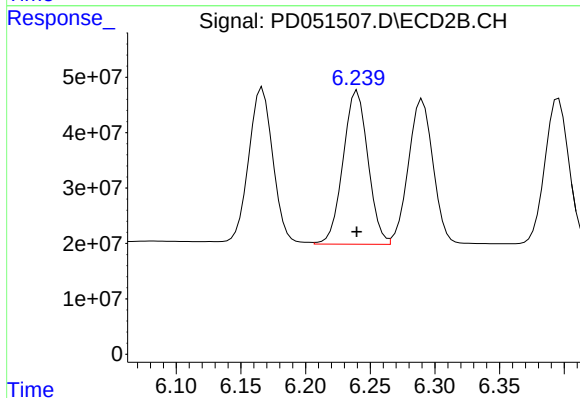
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 370592474
Conc: 11.59 ng/ml



#11 alpha-Chlordane

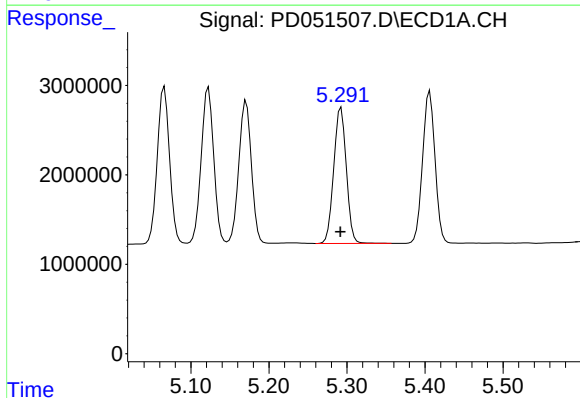
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 19454610
Conc: 9.68 ng/ml

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



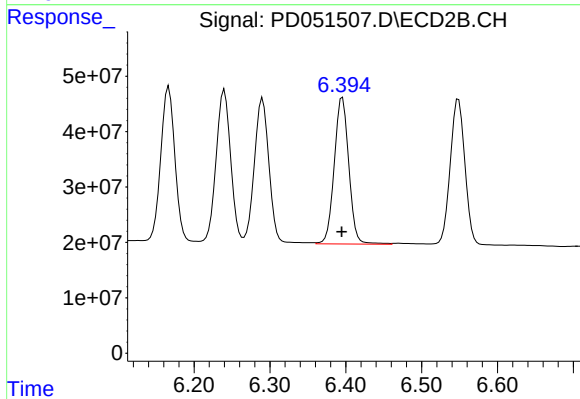
#11 alpha-Chlordane

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 370086193
Conc: 11.68 ng/ml



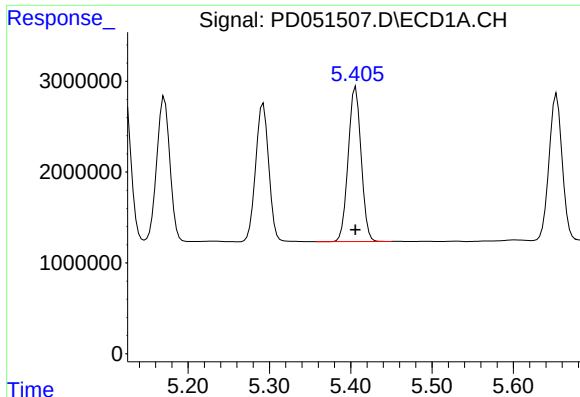
#12 4,4'-DDE

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 17018560
Conc: 9.08 ng/ml



#12 4,4'-DDE

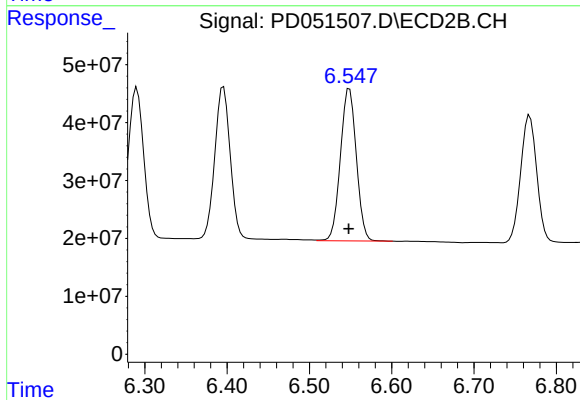
R.T.: 6.396 min
Delta R.T.: 0.001 min
Response: 352924203
Conc: 11.41 ng/ml



#13 Dieldrin

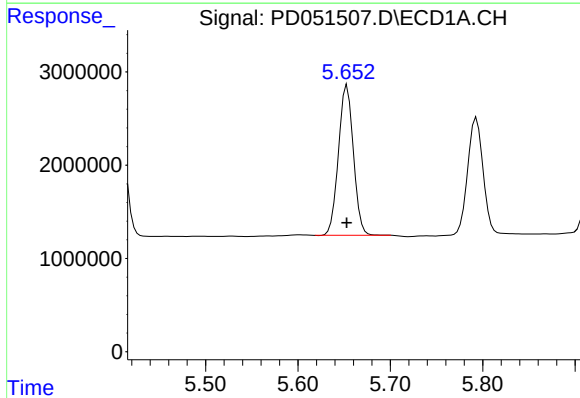
R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 18761238
Conc: 9.33 ng/ml

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



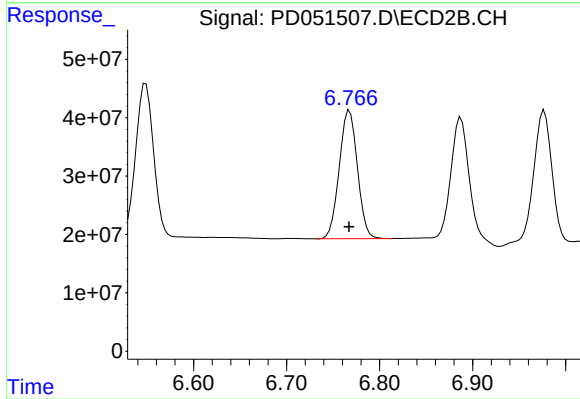
#13 Dieldrin

R.T.: 6.549 min
Delta R.T.: 0.001 min
Response: 353087249
Conc: 11.44 ng/ml



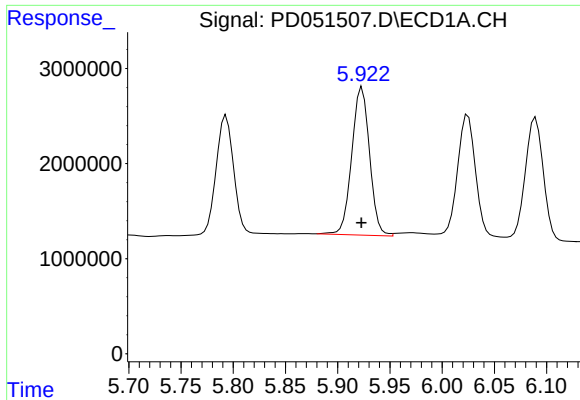
#14 Endrin

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 18105904
Conc: 9.45 ng/ml



#14 Endrin

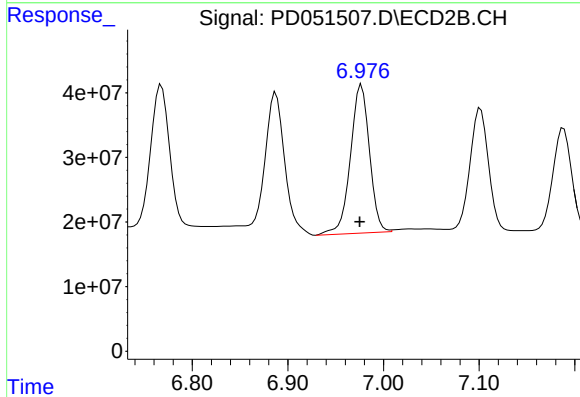
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 298415875
Conc: 11.43 ng/ml



#15 Endosulfan II

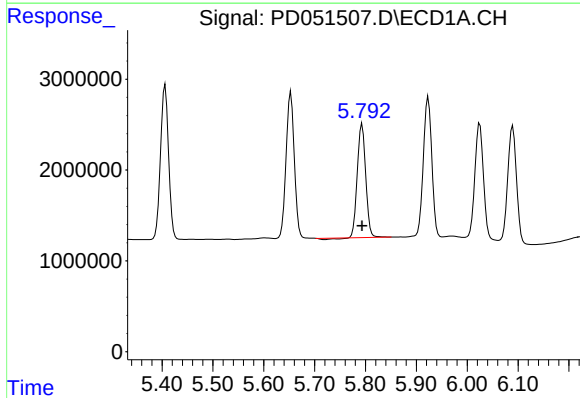
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 18476373
Conc: 10.25 ng/ml

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



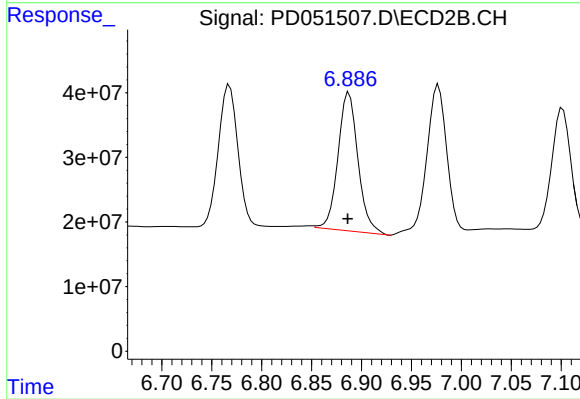
#15 Endosulfan II

R.T.: 6.977 min
Delta R.T.: 0.002 min
Response: 318567440
Conc: 12.37 ng/ml



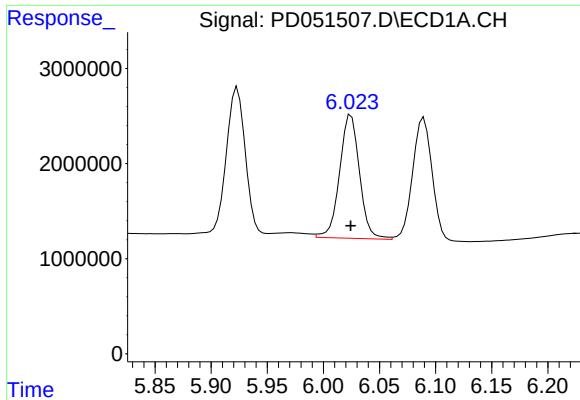
#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 14206739
Conc: 9.02 ng/ml



#16 4,4'-DDD

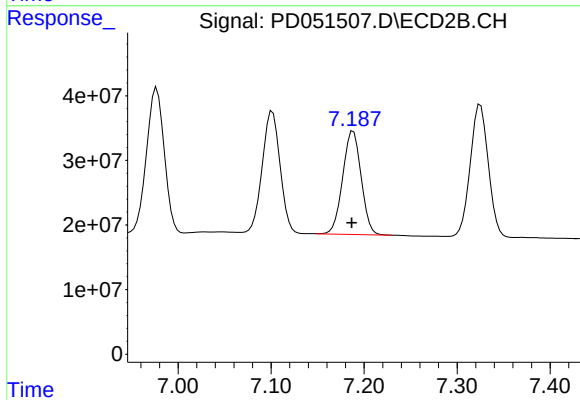
R.T.: 6.888 min
Delta R.T.: 0.001 min
Response: 299073178
Conc: 12.18 ng/ml



#17 4,4'-DDT

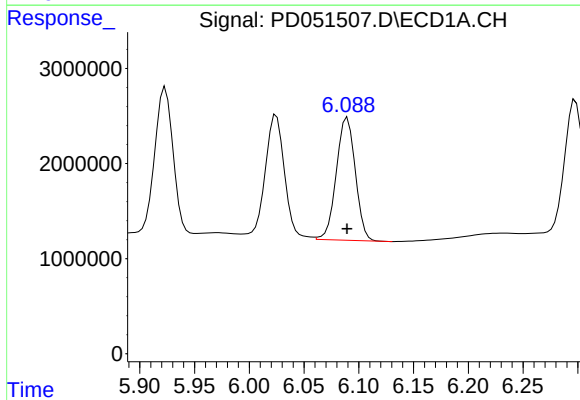
R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 16070648
Conc: 10.06 ng/ml

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



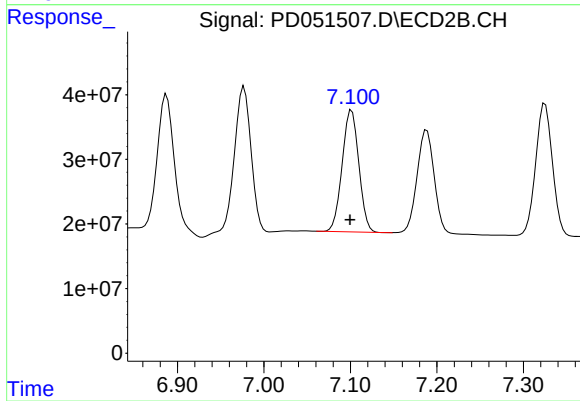
#17 4,4'-DDT

R.T.: 7.188 min
Delta R.T.: 0.002 min
Response: 220404016
Conc: 10.88 ng/ml



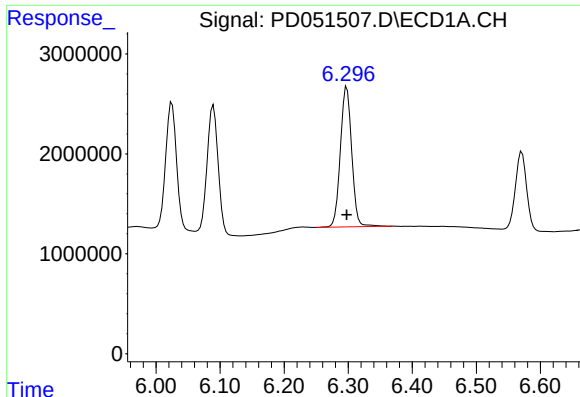
#18 Endrin aldehyde

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 15534023
Conc: 10.50 ng/ml



#18 Endrin aldehyde

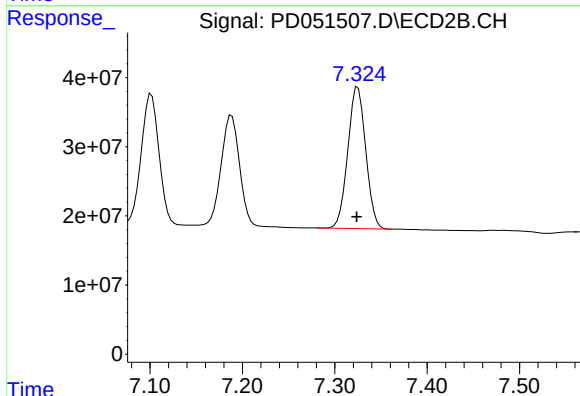
R.T.: 7.101 min
Delta R.T.: 0.002 min
Response: 251063705
Conc: 11.71 ng/ml



#19 Endosulfan Sulfate

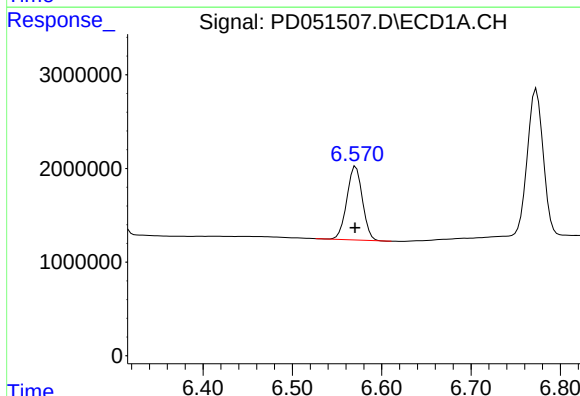
R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 17255993
Conc: 10.44 ng/ml

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



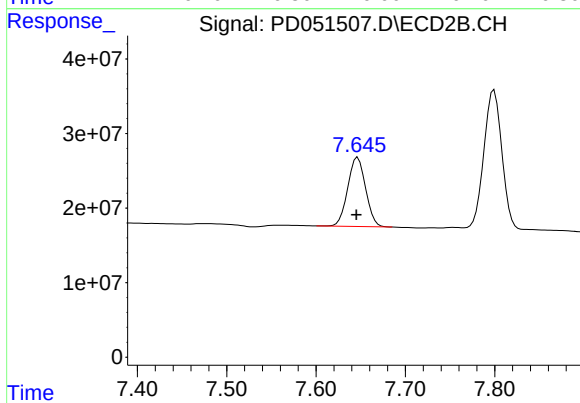
#19 Endosulfan Sulfate

R.T.: 7.325 min
Delta R.T.: 0.001 min
Response: 276401480
Conc: 11.79 ng/ml



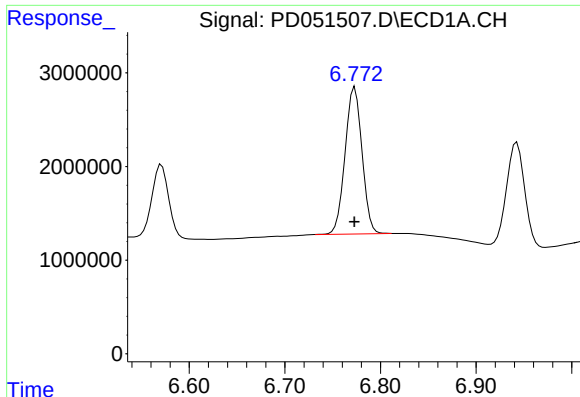
#20 Methoxychlor

R.T.: 6.571 min
Delta R.T.: 0.001 min
Response: 9497885
Conc: 10.69 ng/ml



#20 Methoxychlor

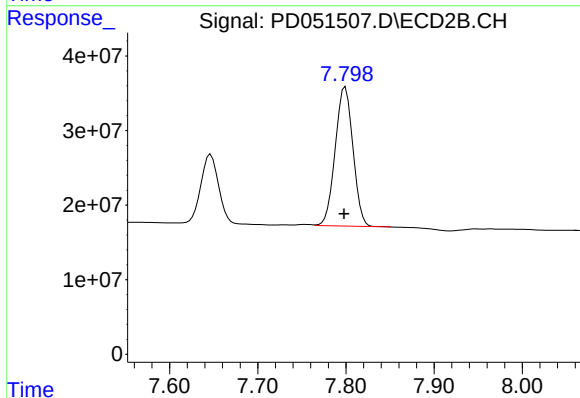
R.T.: 7.647 min
Delta R.T.: 0.002 min
Response: 129075564
Conc: 11.73 ng/ml



#21 Endrin ketone

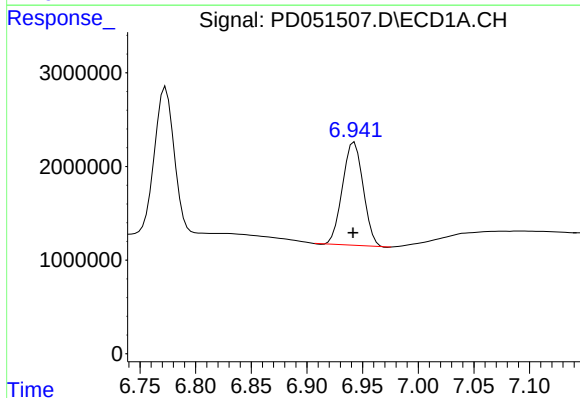
R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 19412326
Conc: 10.49 ng/ml

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



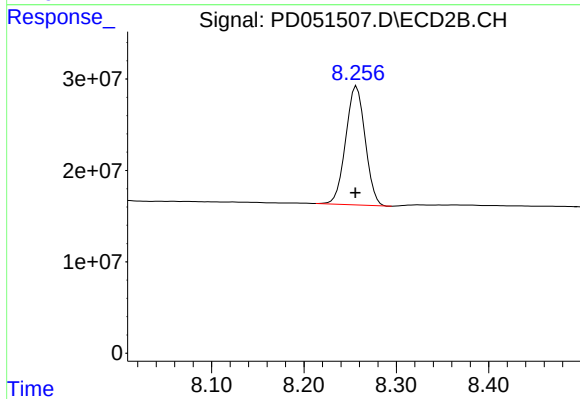
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.002 min
Response: 260756545
Conc: 11.54 ng/ml



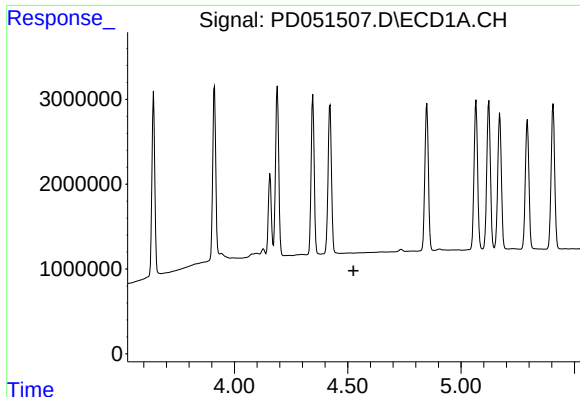
#22 Mirex

R.T.: 6.943 min
Delta R.T.: 0.001 min
Response: 14157096
Conc: 11.25 ng/ml



#22 Mirex

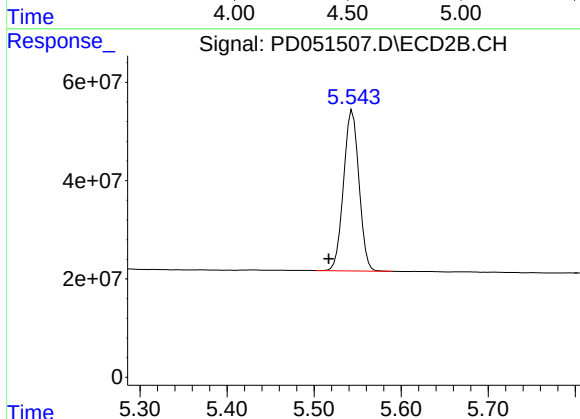
R.T.: 8.257 min
Delta R.T.: 0.001 min
Response: 190013620
Conc: 12.28 ng/ml



#24 Chlordane-2

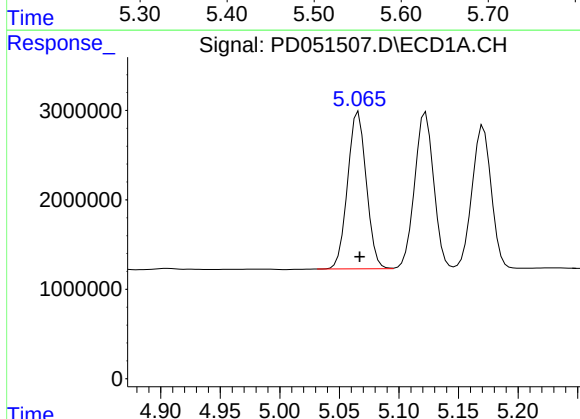
R.T.: 0.000 min
Exp R.T.: 4.526 min
Response: 0
Conc: N.D.

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



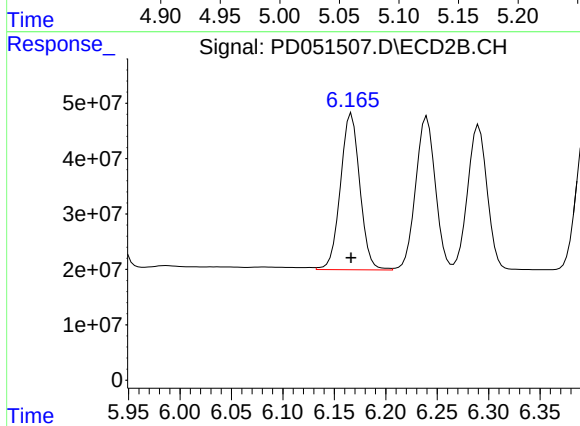
#24 Chlordane-2

R.T.: 5.544 min
Delta R.T.: 0.027 min
Response: 402110568
Conc: 283.58 ng/ml



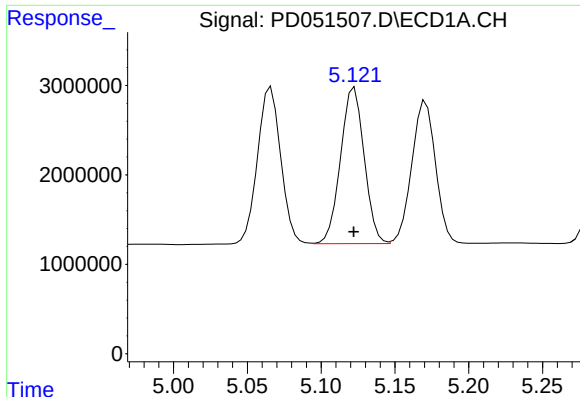
#25 Chlordane-3

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 19223562
Conc: 82.60 ng/ml



#25 Chlordane-3

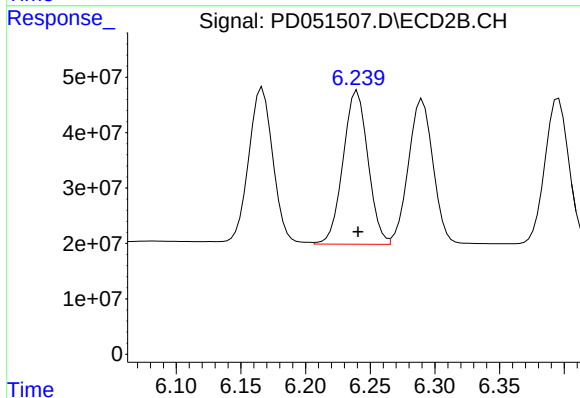
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 370592474
Conc: 83.22 ng/ml



#26 Chlordane-4

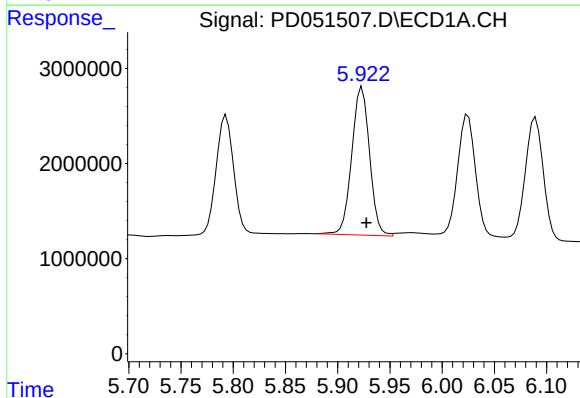
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 19454610
Conc: 87.00 ng/ml

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



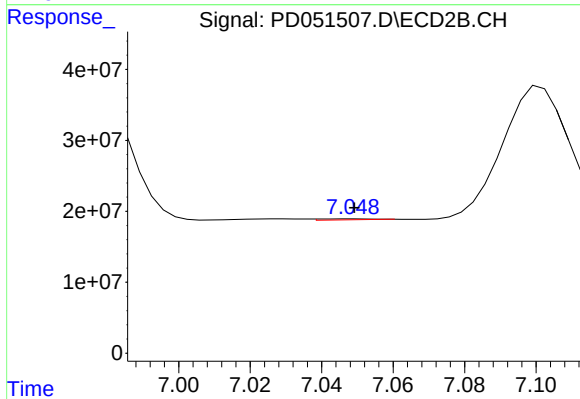
#26 Chlordane-4

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 370086193
Conc: 70.67 ng/ml



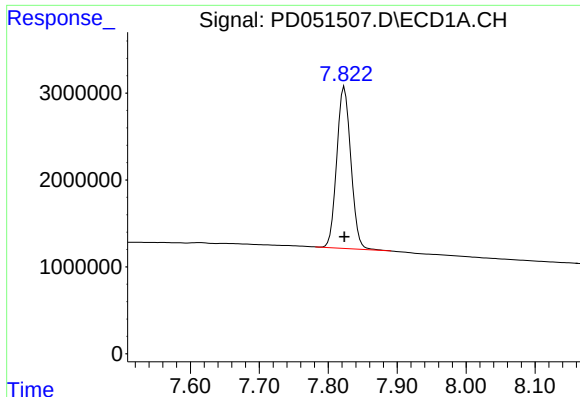
#27 Chlordane-5

R.T.: 5.923 min
Delta R.T.: -0.004 min
Response: 18476373
Conc: 257.24 ng/ml



#27 Chlordane-5

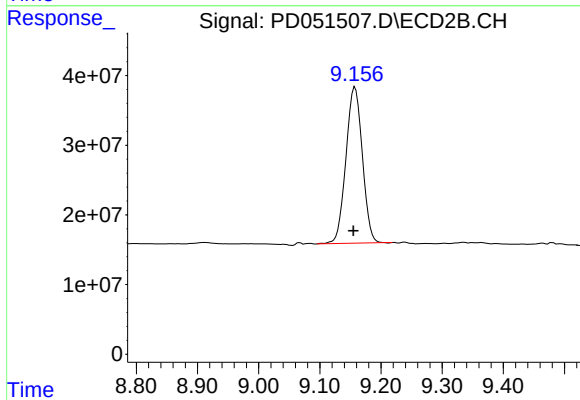
R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 994275
Conc: 0.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.823 min
Delta R.T.: 0.000 min
Response: 26455984
Conc: 23.27 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 9.158 min
Delta R.T.: 0.002 min
Response: 418897287
Conc: 22.93 ng/ml