

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
 Data File : PD052616.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Apr 2019 16:14
 Operator : AJ\SJ
 Sample : K1560-02
 Misc : PEST LOQ 10 PPB
 ALS Vial : 17 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 06:55:58 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	28516345	619.1E6	20.436	21.358
28)	SA Decachlor...	7.818	9.161	31070987	384.4E6	23.313	24.716
Target Compounds							
2)	A alpha-BHC	3.640	4.435	20643263	488.6E6	9.081	10.855
3)	MA gamma-BHC...	3.908	4.723	24170704	445.5E6	11.054	11.073
4)	MA Heptachlor	4.185	5.235	21947356	455.1E6	10.337	11.471
5)	MB Aldrin	4.417	5.543	20752719	423.9E6	10.307	11.448
6)	B beta-BHC	4.154	4.893	9631396	215.5E6	10.912	11.909
7)	B delta-BHC	4.342	5.113	18231630	302.5E6	8.939	9.192
8)	B Heptachlor...	4.844	5.931	19892056	371.2E6	10.467	11.500
9)	A Endosulfan I	5.165	6.290	18695609	350.7E6	10.461	12.003
10)	B gamma-Chl...	5.061	6.166	20196522	389.0E6	10.358	12.159
11)	B alpha-Chl...	5.117	6.239	20485970	375.4E6	10.614	11.960
12)	B 4,4'-DDE	5.286	6.396	18256421	351.4E6	9.790	11.509
13)	MA Dieldrin	5.400	6.548	19644036	357.0E6	10.160	11.935
14)	MA Endrin	5.648	6.768	18703753	301.8E6	10.158	12.042
15)	B Endosulfa...	5.918	6.977	17937348	307.7E6	10.450	12.348
16)	A 4,4'-DDD	5.788	6.888	15472989	284.1E6	10.123	11.880
17)	MA 4,4'-DDT	6.019	7.189	14215255	206.8E6	9.881	11.098
18)	B Endrin al...	6.085	7.102	15399685	252.0E6	10.742	12.241
19)	B Endosulfa...	6.293	7.326	17527062	279.6E6	11.430	12.710
20)	A Methoxychlor	6.565	7.649	9488779	118.3E6	11.232	11.826
21)	B Endrin ke...	6.768	7.801	19783739	257.2E6	10.877	12.551
22)	Mirex	6.936	8.259	14231784	163.0E6	11.617	12.640
24)	Chlordane-2	0.000	5.543f	0	423.9E6	N.D.	302.682 #
25)	Chlordane-3	5.061	6.166	20196522	389.0E6	91.330	88.154
26)	Chlordane-4	5.117	6.239	20485970	375.4E6	96.590	73.824
27)	Chlordane-5	5.918	0.000	17937348	0	275.819	N.D. #

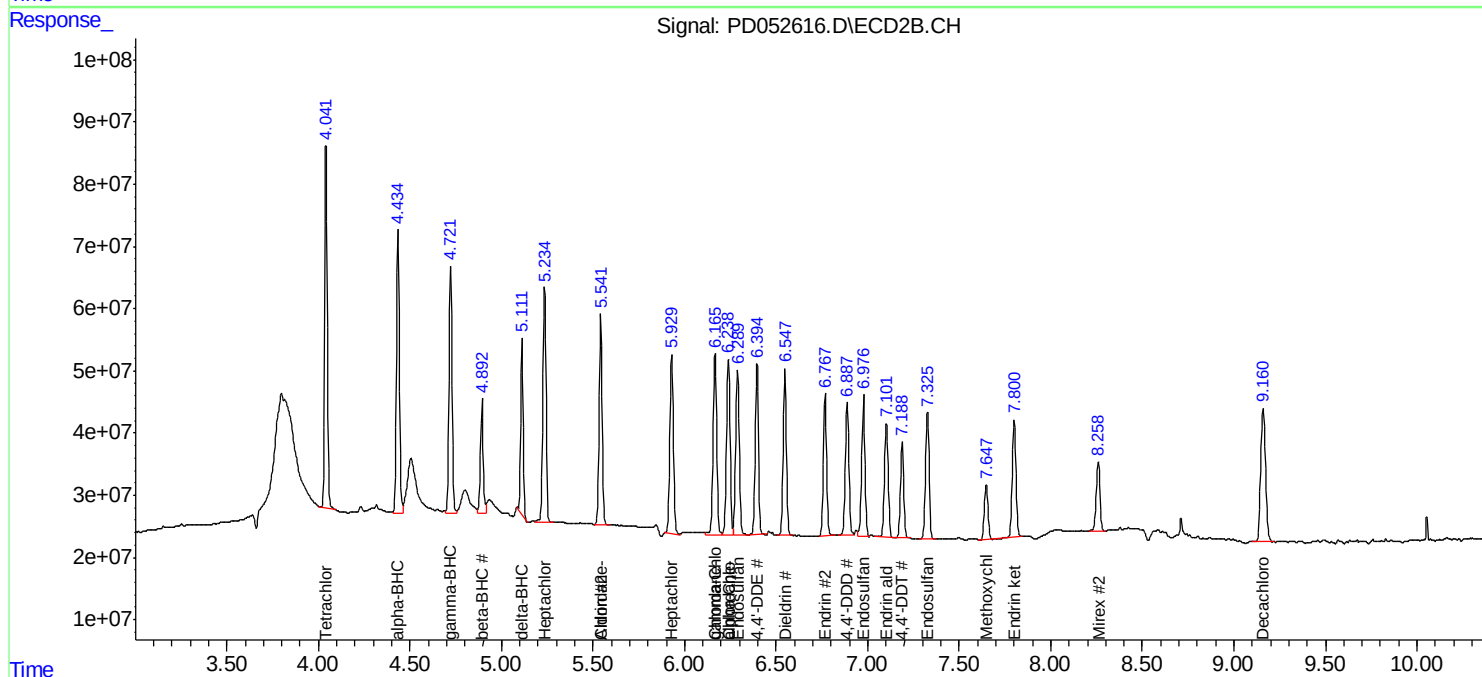
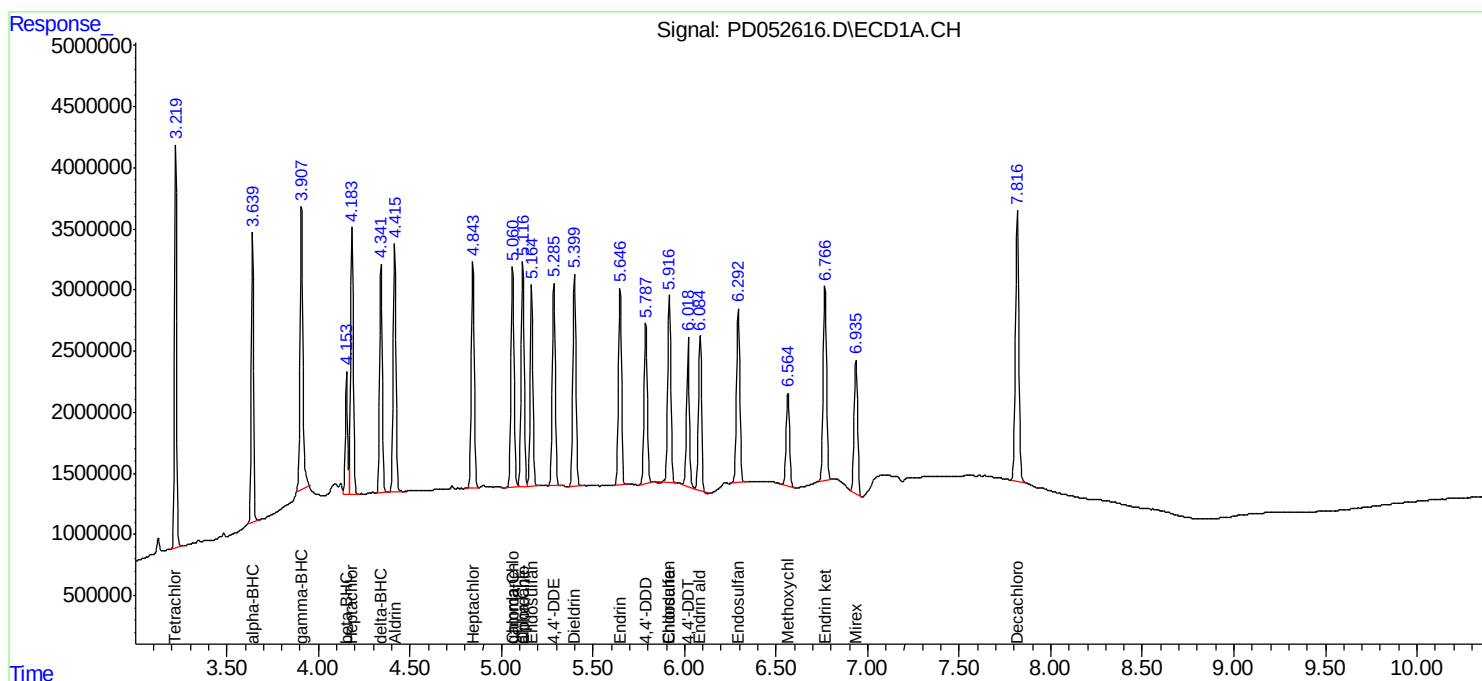
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

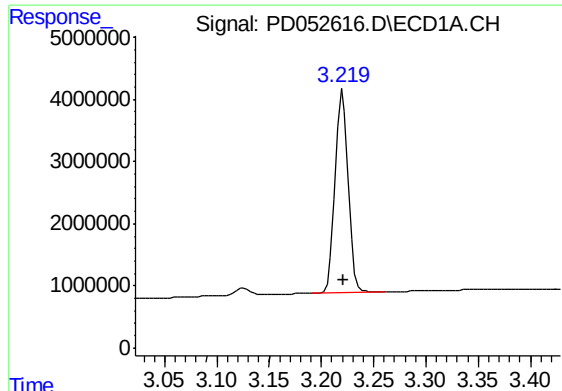
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
Data File : PD052616.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Apr 2019 16:14
Operator : AJ\SJ
Sample : K1560-02
Misc : PEST LOQ 10 PPB
ALS Vial : 17 Sample Multiplier: 1

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 06:55:58 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

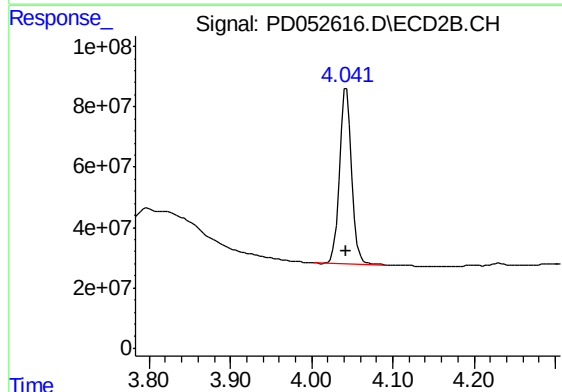




#1 Tetrachloro-m-xylene

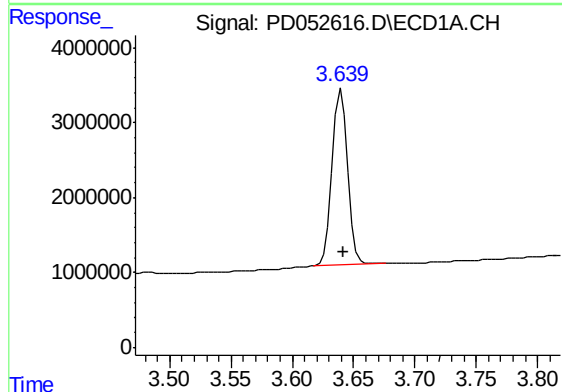
R.T.: 3.220 min
Delta R.T.: 0.000 min
Response: 28516345
Conc: 20.44 ng/ml

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



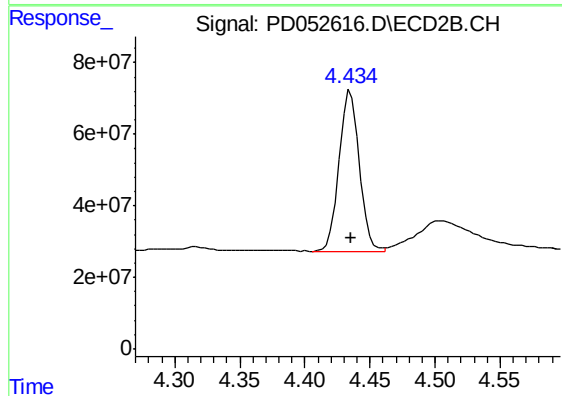
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 619052970
Conc: 21.36 ng/ml



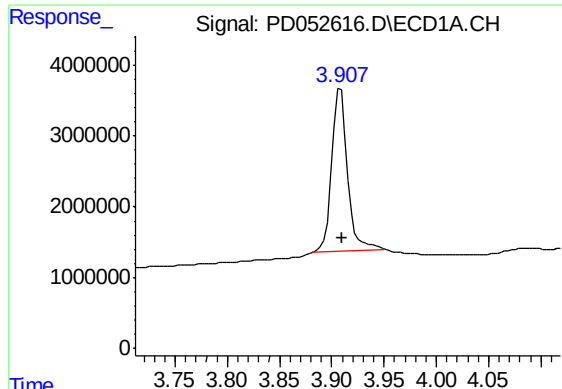
#2 alpha-BHC

R.T.: 3.640 min
Delta R.T.: -0.002 min
Response: 20643263
Conc: 9.08 ng/ml



#2 alpha-BHC

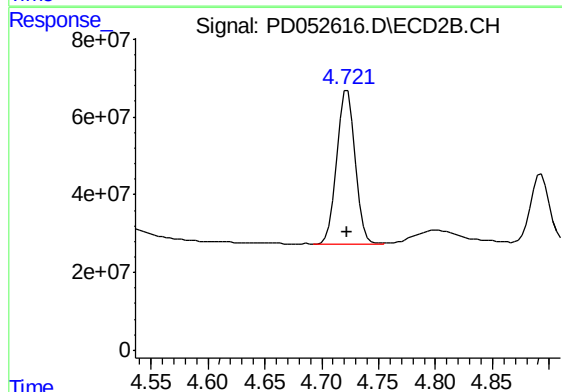
R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 488600008
Conc: 10.86 ng/ml



#3 gamma-BHC (Lindane)

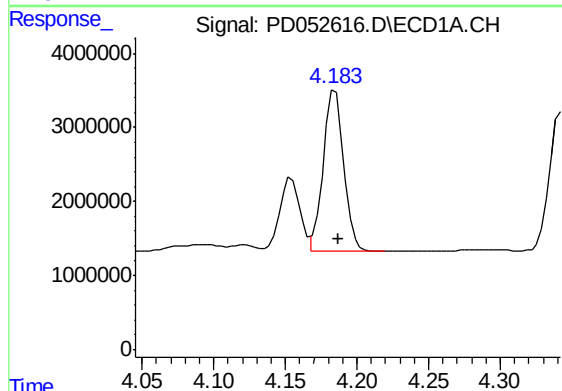
R.T.: 3.908 min
Delta R.T.: -0.001 min
Response: 24170704
Conc: 11.05 ng/ml

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



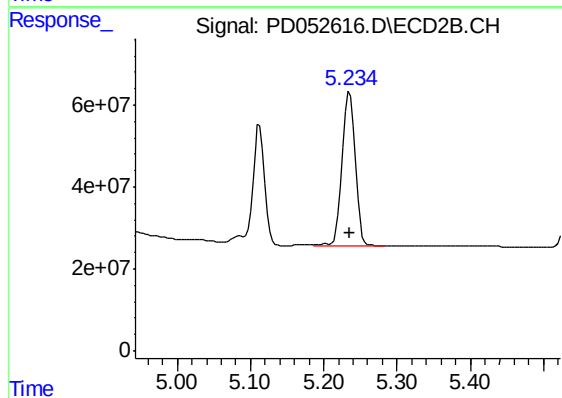
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 445452317
Conc: 11.07 ng/ml



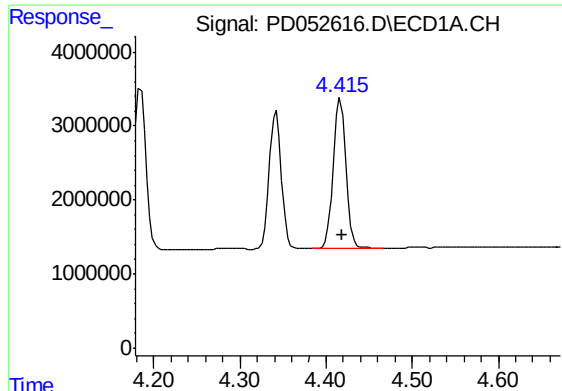
#4 Heptachlor

R.T.: 4.185 min
Delta R.T.: -0.002 min
Response: 21947356
Conc: 10.34 ng/ml



#4 Heptachlor

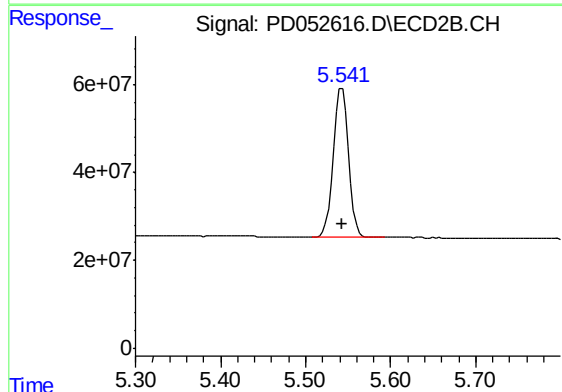
R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 455099214
Conc: 11.47 ng/ml



#5 Aldrin

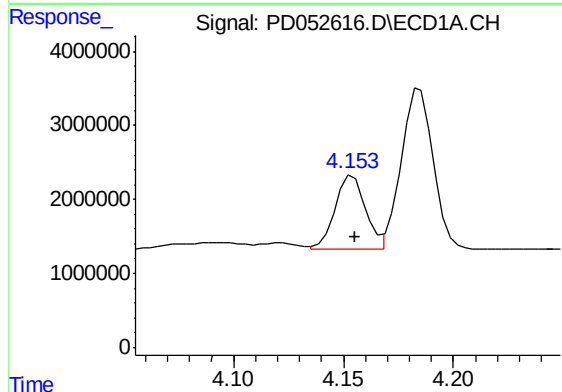
R.T.: 4.417 min
Delta R.T.: -0.002 min
Response: 20752719
Conc: 10.31 ng/ml

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



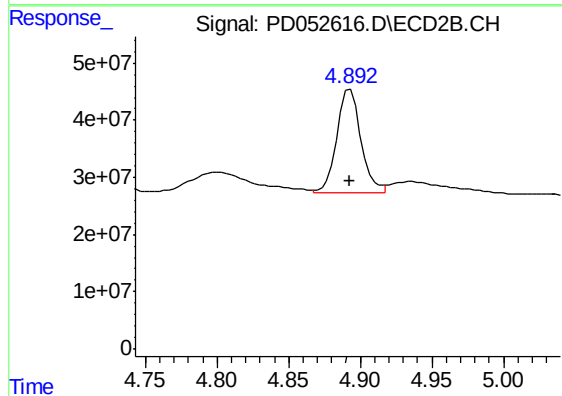
#5 Aldrin

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 423897643
Conc: 11.45 ng/ml



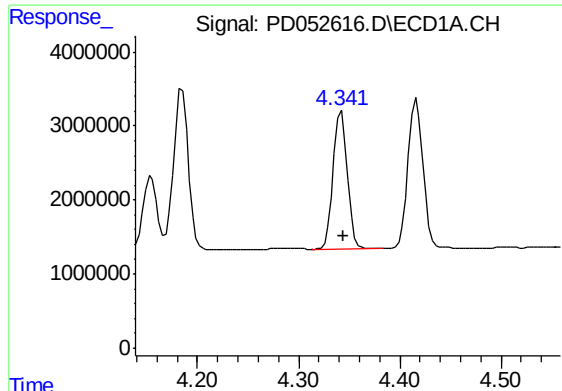
#6 beta-BHC

R.T.: 4.154 min
Delta R.T.: -0.001 min
Response: 9631396
Conc: 10.91 ng/ml



#6 beta-BHC

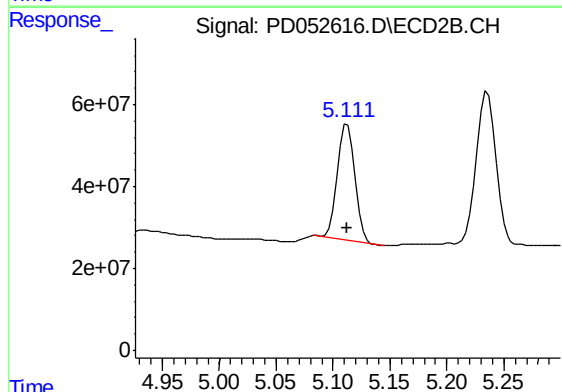
R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 215494763
Conc: 11.91 ng/ml



#7 delta-BHC

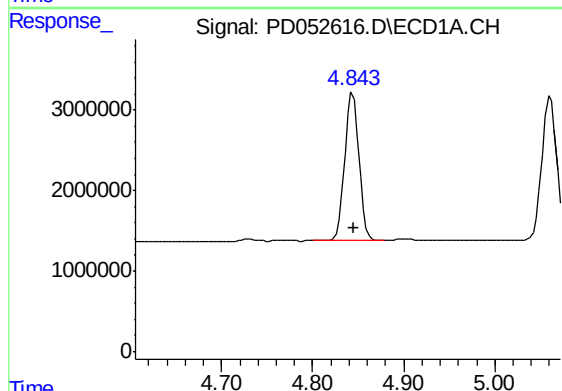
R.T.: 4.342 min
Delta R.T.: -0.001 min
Response: 18231630
Conc: 8.94 ng/ml

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



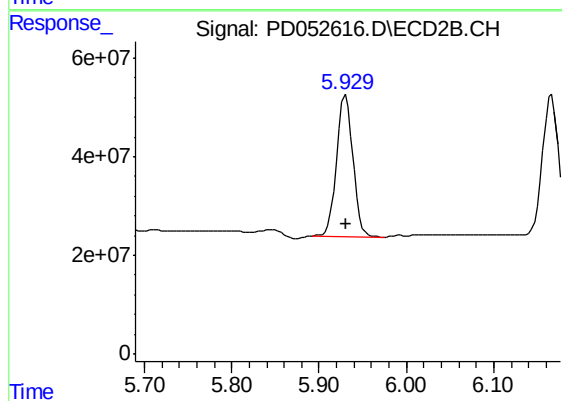
#7 delta-BHC

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 302484523
Conc: 9.19 ng/ml



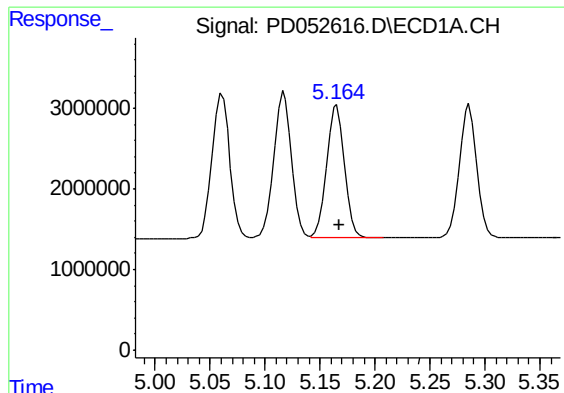
#8 Heptachlor epoxide

R.T.: 4.844 min
Delta R.T.: -0.001 min
Response: 19892056
Conc: 10.47 ng/ml



#8 Heptachlor epoxide

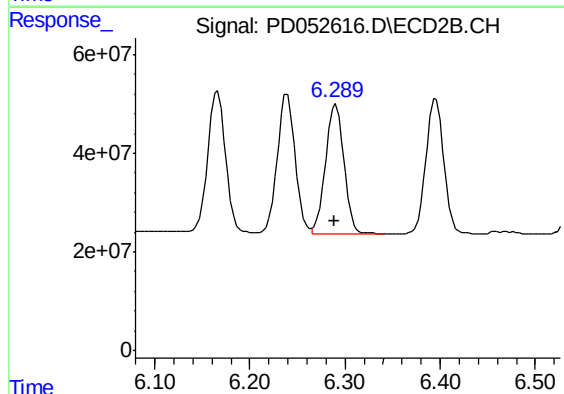
R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 371189704
Conc: 11.50 ng/ml



#9 Endosulfan I

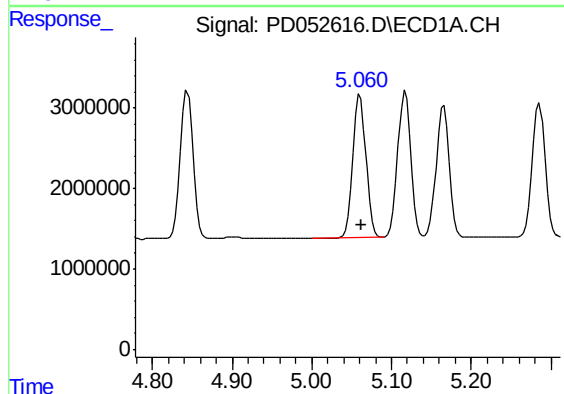
R.T.: 5.165 min
Delta R.T.: -0.002 min
Response: 18695609
Conc: 10.46 ng/ml

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



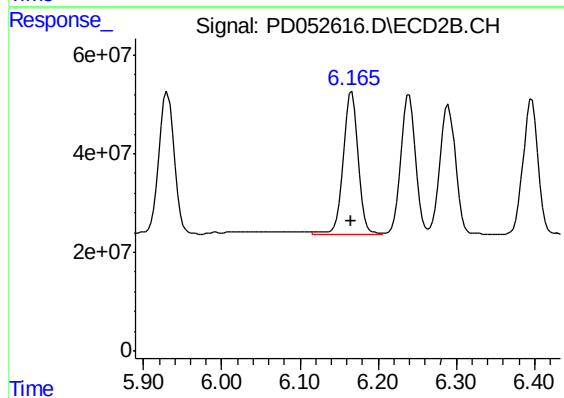
#9 Endosulfan I

R.T.: 6.290 min
Delta R.T.: 0.001 min
Response: 350658414
Conc: 12.00 ng/ml



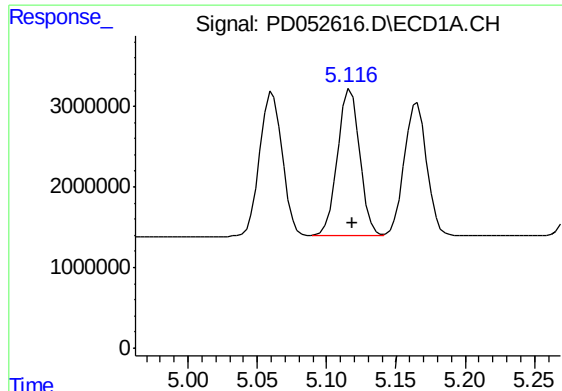
#10 gamma-Chlordane

R.T.: 5.061 min
Delta R.T.: -0.002 min
Response: 20196522
Conc: 10.36 ng/ml



#10 gamma-Chlordane

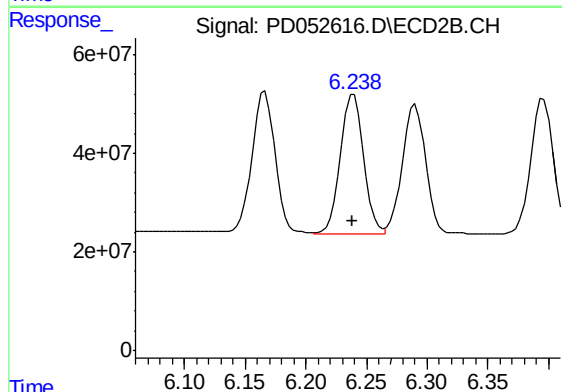
R.T.: 6.166 min
Delta R.T.: 0.001 min
Response: 389004689
Conc: 12.16 ng/ml



#11 alpha-Chlordane

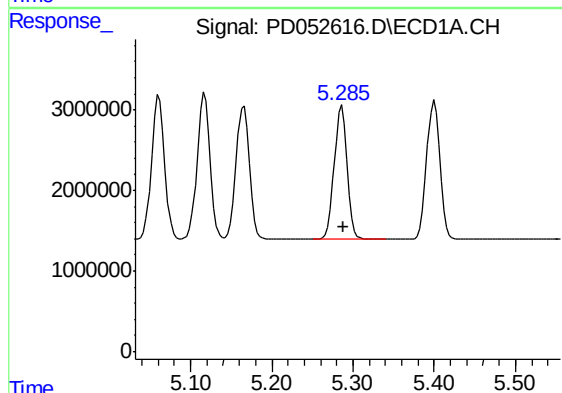
R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 20485970
Conc: 10.61 ng/ml

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



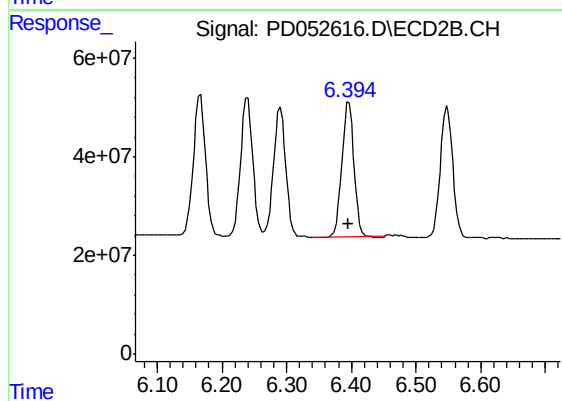
#11 alpha-Chlordane

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 375403908
Conc: 11.96 ng/ml



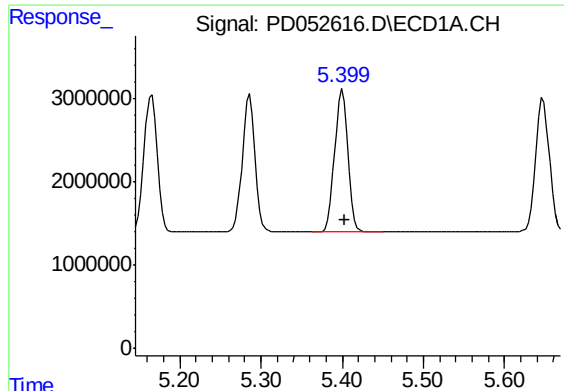
#12 4,4'-DDE

R.T.: 5.286 min
Delta R.T.: -0.002 min
Response: 18256421
Conc: 9.79 ng/ml



#12 4,4'-DDE

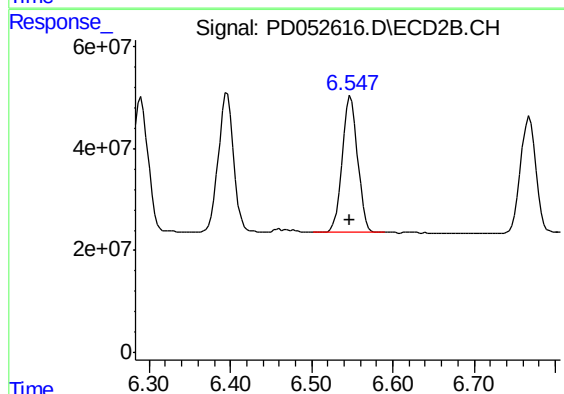
R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 351353522
Conc: 11.51 ng/ml



#13 Dieldrin

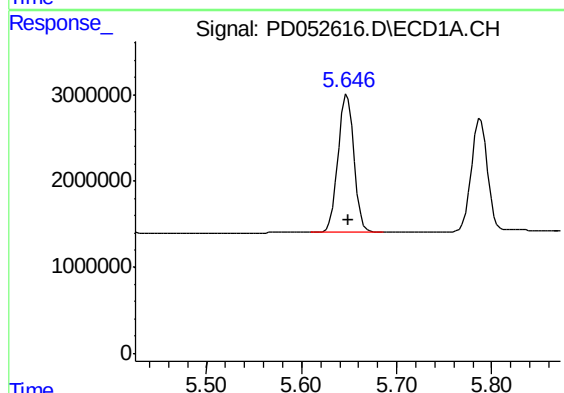
R.T.: 5.400 min
Delta R.T.: -0.002 min
Response: 19644036
Conc: 10.16 ng/ml

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



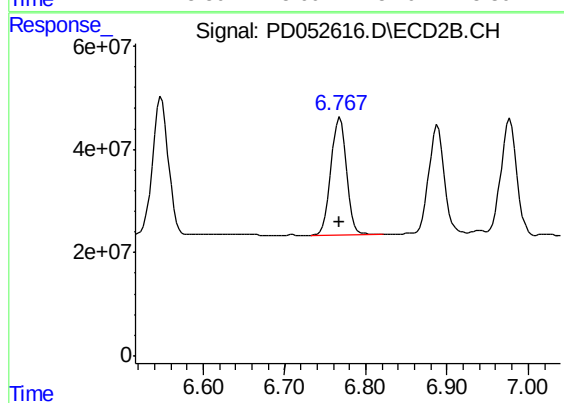
#13 Dieldrin

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 356987881
Conc: 11.93 ng/ml



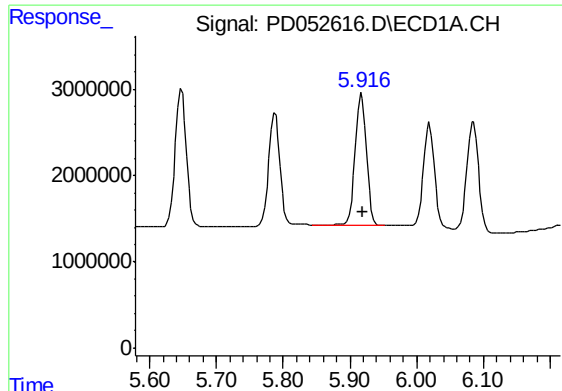
#14 Endrin

R.T.: 5.648 min
Delta R.T.: -0.002 min
Response: 18703753
Conc: 10.16 ng/ml



#14 Endrin

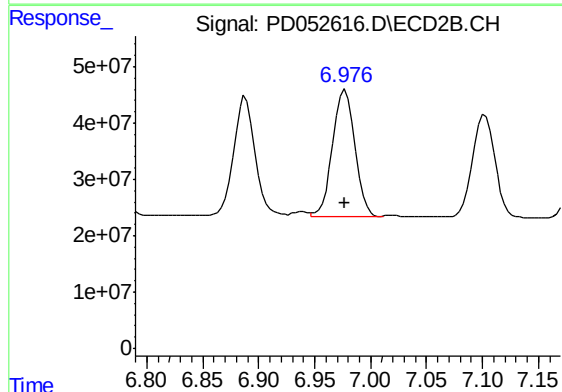
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 301751486
Conc: 12.04 ng/ml



#15 Endosulfan II

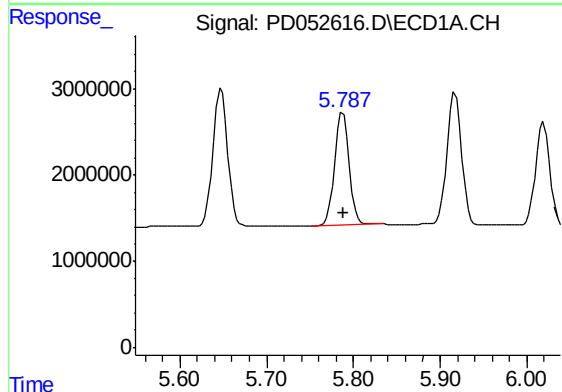
R.T.: 5.918 min
Delta R.T.: -0.002 min
Response: 17937348
Conc: 10.45 ng/ml

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



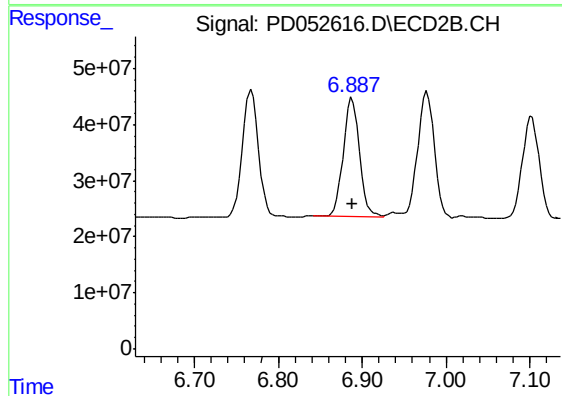
#15 Endosulfan II

R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 307689317
Conc: 12.35 ng/ml



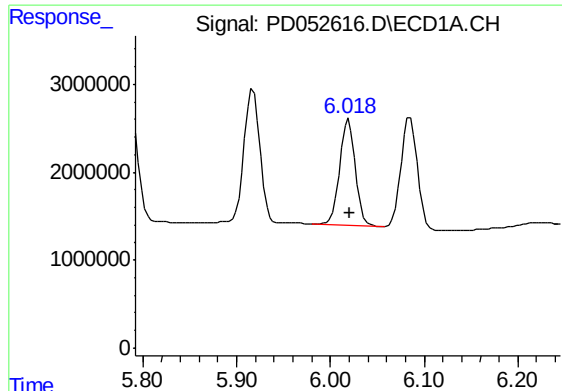
#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 15472989
Conc: 10.12 ng/ml



#16 4,4'-DDD

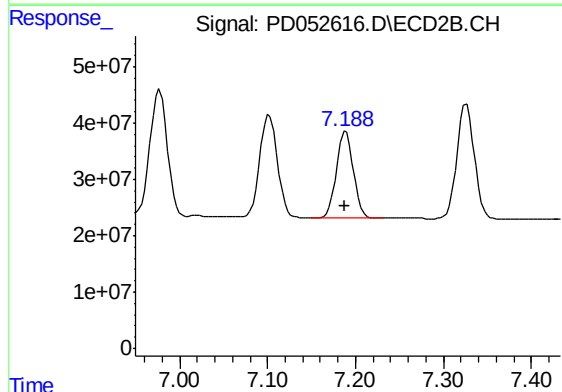
R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 284116050
Conc: 11.88 ng/ml



#17 4,4'-DDT

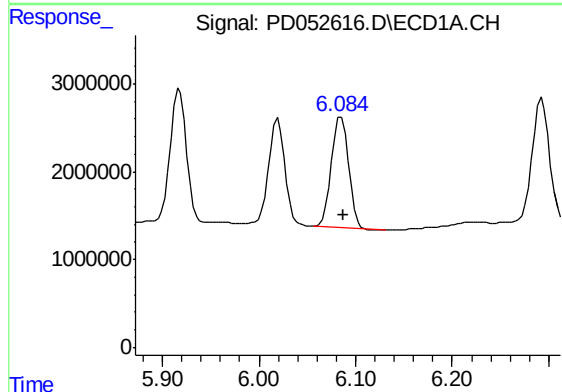
R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 14215255
Conc: 9.88 ng/ml

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



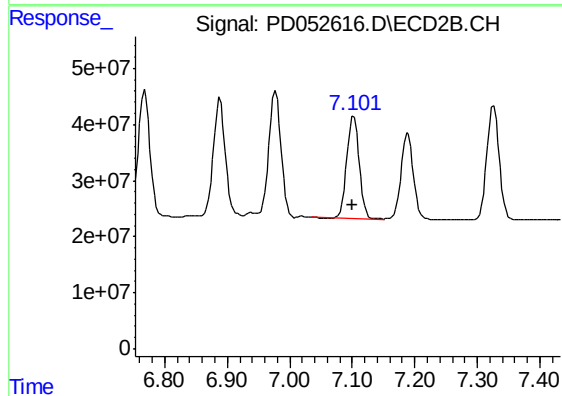
#17 4,4'-DDT

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 206796585
Conc: 11.10 ng/ml



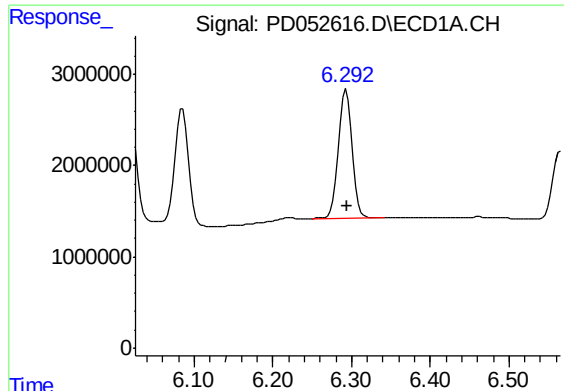
#18 Endrin aldehyde

R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 15399685
Conc: 10.74 ng/ml



#18 Endrin aldehyde

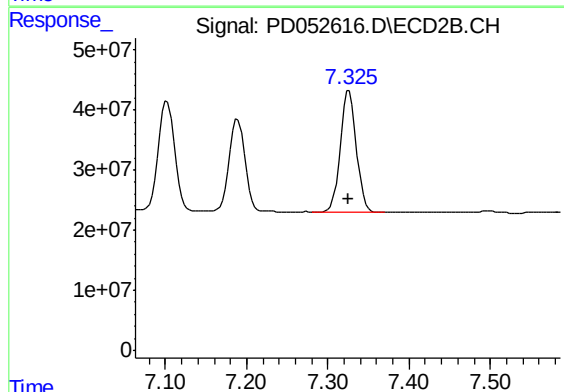
R.T.: 7.102 min
Delta R.T.: 0.001 min
Response: 251974444
Conc: 12.24 ng/ml



#19 Endosulfan Sulfate

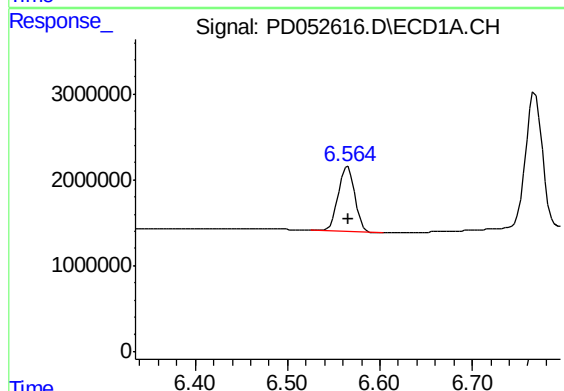
R.T.: 6.293 min
Delta R.T.: -0.001 min
Response: 17527062
Conc: 11.43 ng/ml

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



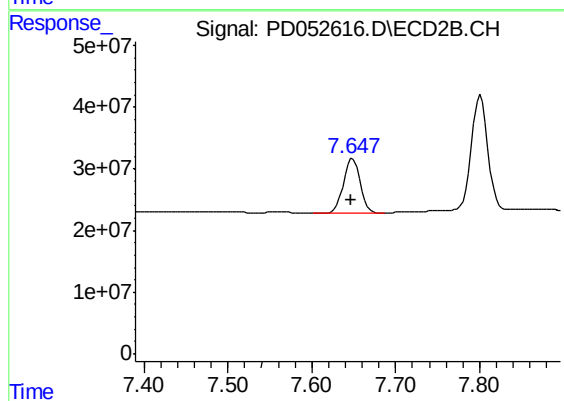
#19 Endosulfan Sulfate

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 279619971
Conc: 12.71 ng/ml



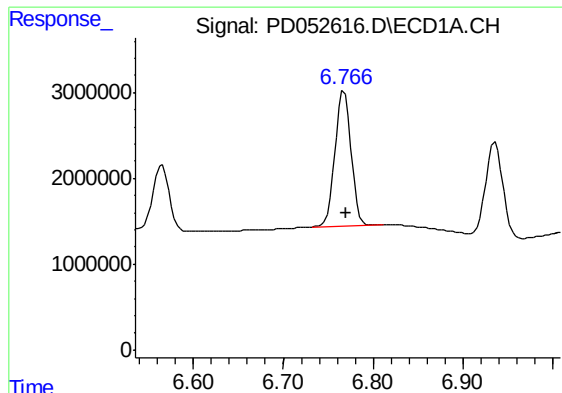
#20 Methoxychlor

R.T.: 6.565 min
Delta R.T.: -0.001 min
Response: 9488779
Conc: 11.23 ng/ml



#20 Methoxychlor

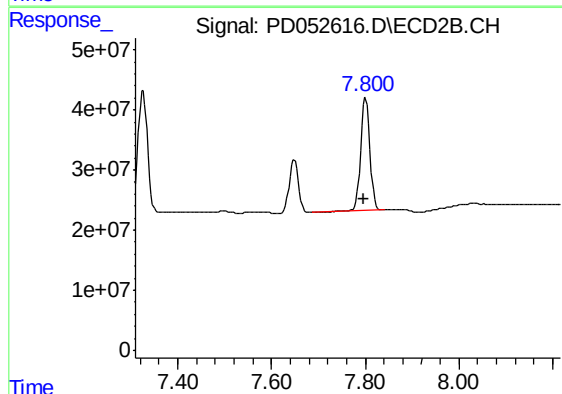
R.T.: 7.649 min
Delta R.T.: 0.003 min
Response: 118299390
Conc: 11.83 ng/ml



#21 Endrin ketone

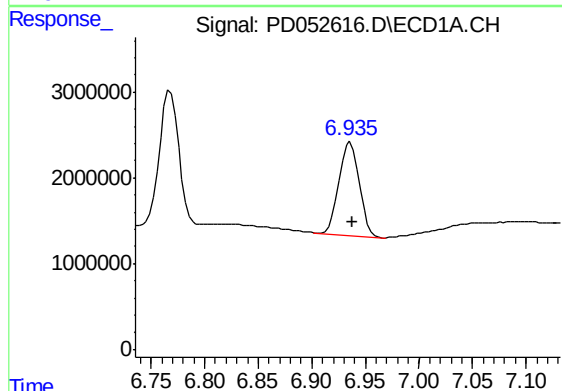
R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 19783739
Conc: 10.88 ng/ml

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



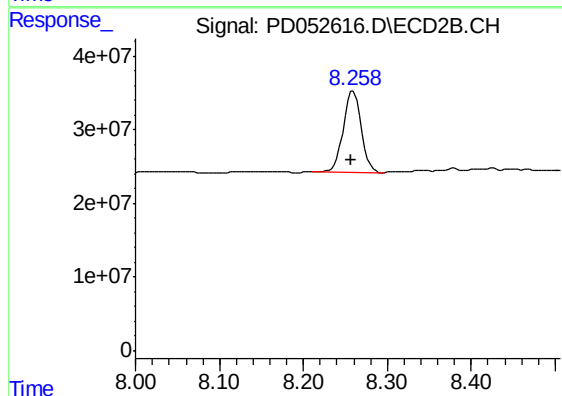
#21 Endrin ketone

R.T.: 7.801 min
Delta R.T.: 0.003 min
Response: 257155238
Conc: 12.55 ng/ml



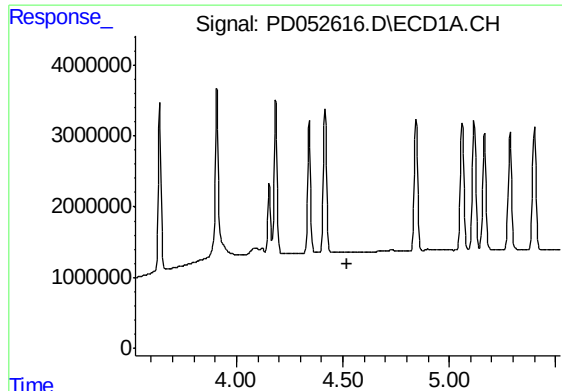
#22 Mirex

R.T.: 6.936 min
Delta R.T.: -0.002 min
Response: 14231784
Conc: 11.62 ng/ml



#22 Mirex

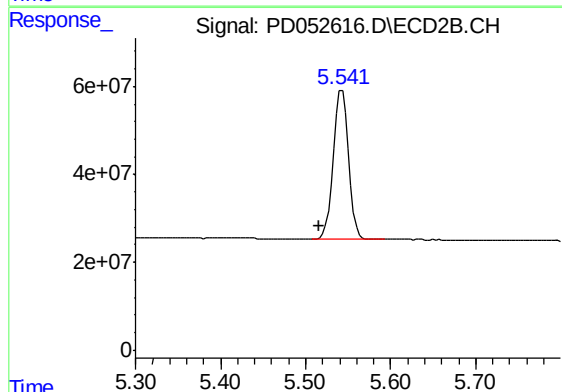
R.T.: 8.259 min
Delta R.T.: 0.003 min
Response: 162994349
Conc: 12.64 ng/ml



#24 Chlordane-2

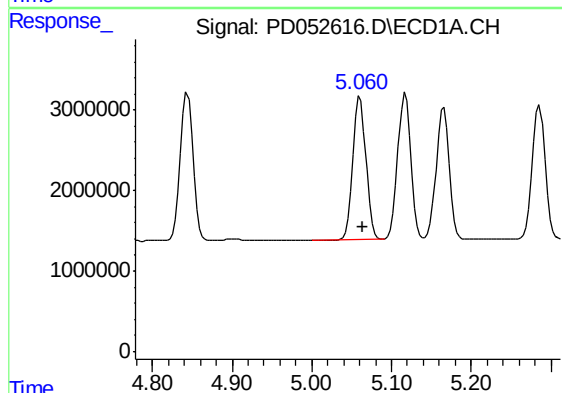
R.T.: 0.000 min
Exp R.T.: 4.523 min
Response: 0
Conc: N.D.

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



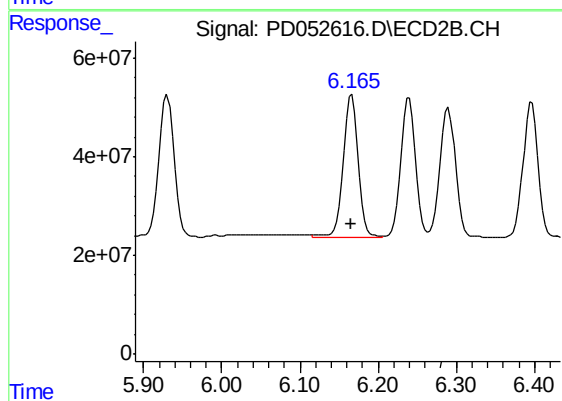
#24 Chlordane-2

R.T.: 5.543 min
Delta R.T.: 0.027 min
Response: 423897643
Conc: 302.68 ng/ml



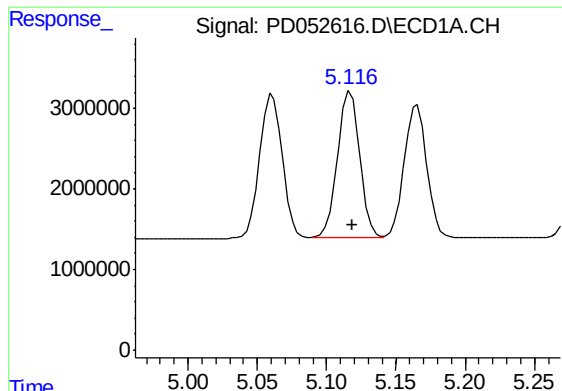
#25 Chlordane-3

R.T.: 5.061 min
Delta R.T.: -0.003 min
Response: 20196522
Conc: 91.33 ng/ml



#25 Chlordane-3

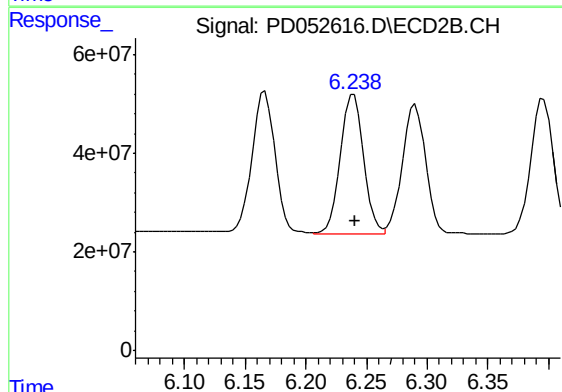
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 389004689
Conc: 88.15 ng/ml



#26 Chlordane-4

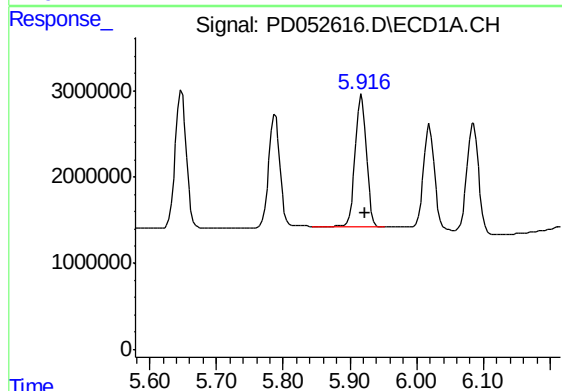
R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 20485970
Conc: 96.59 ng/ml

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



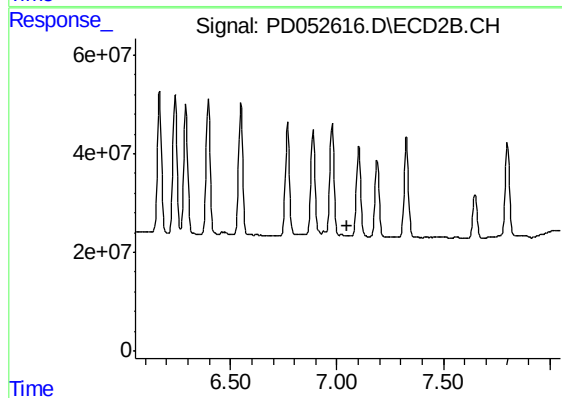
#26 Chlordane-4

R.T.: 6.239 min
Delta R.T.: -0.001 min
Response: 375403908
Conc: 73.82 ng/ml



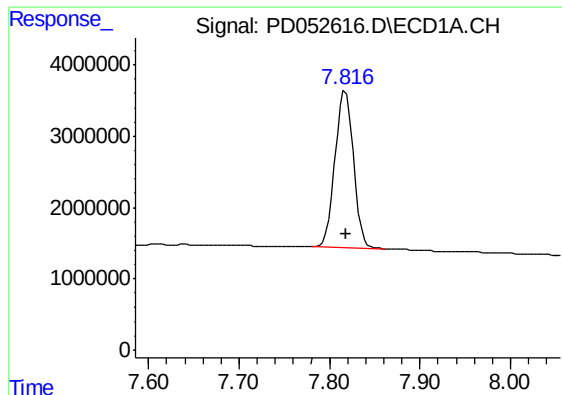
#27 Chlordane-5

R.T.: 5.918 min
Delta R.T.: -0.006 min
Response: 17937348
Conc: 275.82 ng/ml



#27 Chlordane-5

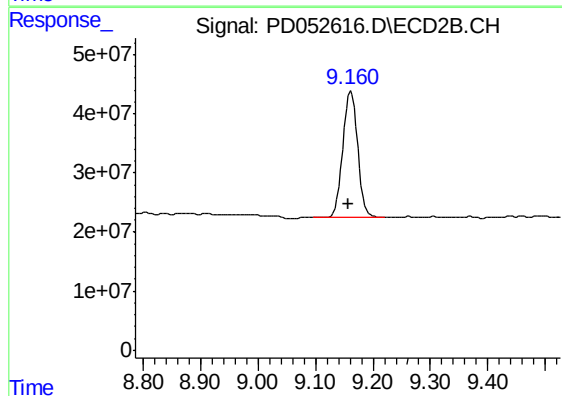
R.T.: 0.000 min
Exp R.T. : 7.050 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.818 min
Delta R.T.: 0.000 min
Response: 31070987
Conc: 23.31 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 9.161 min
Delta R.T.: 0.005 min
Response: 384363226
Conc: 24.72 ng/ml