

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022719\
 Data File : PL045170.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2019 18:40
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 04:48:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 27 17:00:03 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.364	3.983	134.6E6	42437925	19.564	19.817
28)	SA Decachlor...	8.048	9.040	178.9E6	49960157	21.378	21.865
Target Compounds							
2)	A alpha-BHC	3.793	4.371	9840225	2364024	0.886	0.778
3)	MA gamma-BHC...	4.071	4.656	7776282	2293131	0.769	0.812
4)	MA Heptachlor	4.359	5.163	8877487	3610724	0.841	1.214 #
5)	MB Aldrin	4.599	5.468	6928435	2496591	0.712	0.924 #
6)	B beta-BHC	0.000	4.829	0	723900	N.D.	0.570 #
7)	B delta-BHC	4.520	0.000	6556121	0	0.686	N.D. #
8)	B Heptachlo...	5.037	5.852	8275344	2528991	0.887	1.053
9)	A Endosulfan I	5.369	6.210	7436114	2642210	0.832	1.061 #
10)	B gamma-Chl...	5.261	6.089	8551063	2584286	0.874	0.963
11)	B alpha-Chl...	5.317	6.161	8595831	2837598	0.886	1.052
12)	B 4,4'-DDE	5.484	6.318	6318198	2128851	0.720	0.911 #
13)	MA Dieldrin	5.609	6.467	7575716	2510405	0.793	0.977
14)	MA Endrin	5.863	6.685	9855125	2086474	1.094	0.917
15)	B Endosulfa...	6.137	6.895	8068730	3374556	0.931	1.435 #
16)	A 4,4'-DDD	5.996	6.808	5675921	2341974	0.775	1.218 #
17)	MA 4,4'-DDT	0.000	7.106	0	1773747	N.D.	0.899 #
18)	B Endrin al...	6.305	7.018	7065147	2226150	0.967	1.089
19)	B Endosulfa...	6.516	7.241	8360552	2546881	1.029	1.132
21)	B Endrin ke...	6.999	7.711	7728871	2387882	0.839	1.004
22)	Mirex	7.176	8.164	8785894	2310616	1.181	1.160
24)	Chlordane-2	0.000	5.468f	0	2496591	N.D.	20.662 #
25)	Chlordane-3	5.261	6.089	8551063	2584286	7.455	6.633
26)	Chlordane-4	5.317	6.161	8595831	2837598	8.109	6.066 #
27)	Chlordane-5	6.137	0.000	8068730	0	23.364	N.D. #

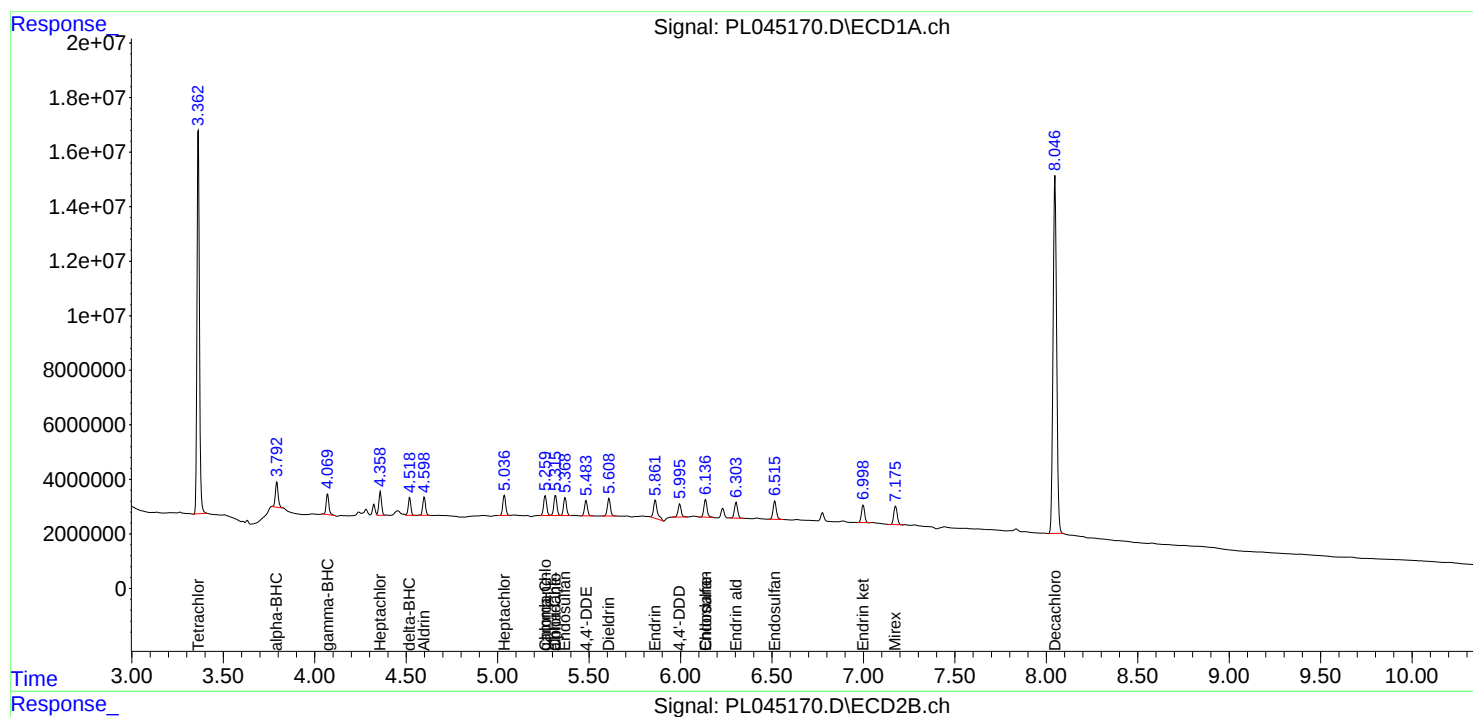
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

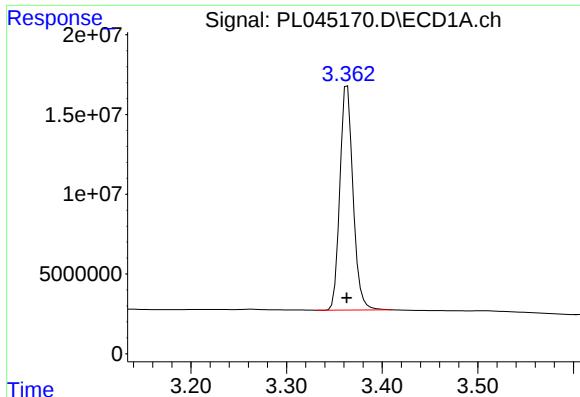
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022719\
 Data File : PL045170.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2019 18:40
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 LOD-MDL-SOIL-01-QT1-2019

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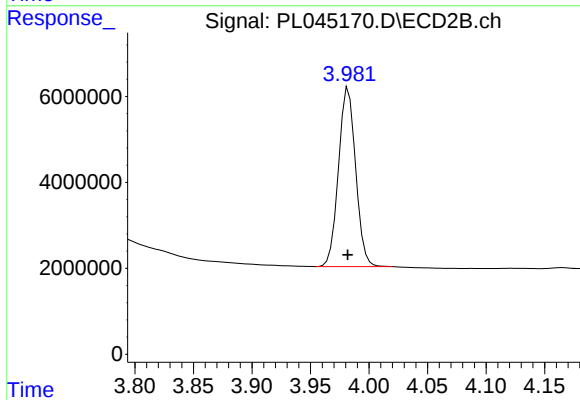




#1 Tetrachloro-m-xylene

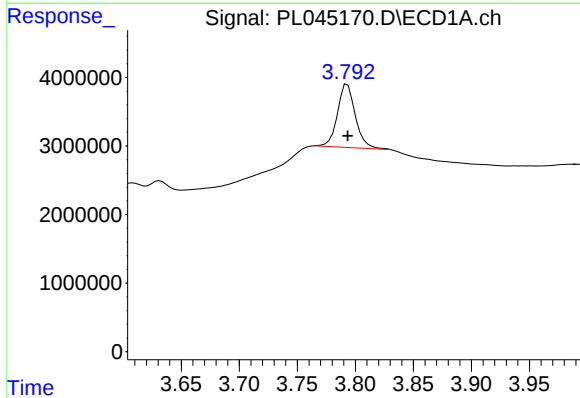
R.T.: 3.364 min
Delta R.T.: 0.000 min
Response: 134583301
Conc: 19.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



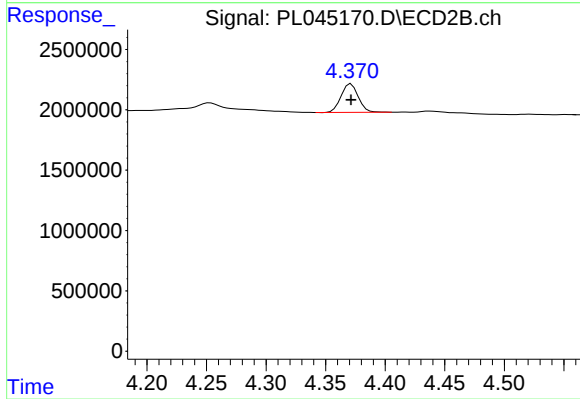
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 42437925
Conc: 19.82 ng/ml



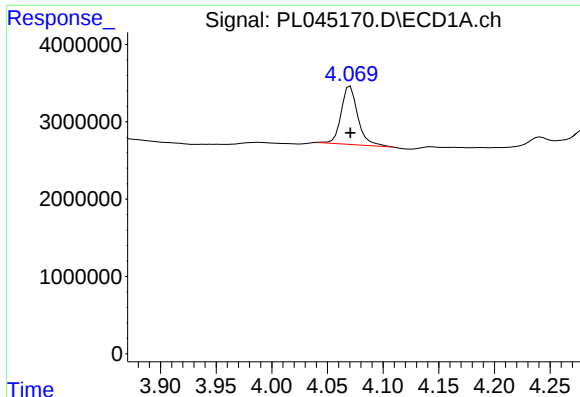
#2 alpha-BHC

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 9840225
Conc: 0.89 ng/ml



#2 alpha-BHC

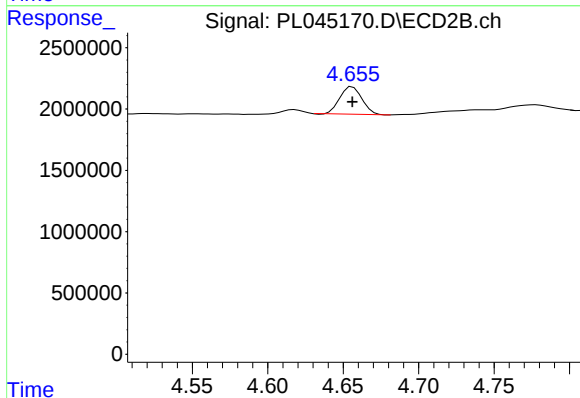
R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 2364024
Conc: 0.78 ng/ml



#3 gamma-BHC (Lindane)

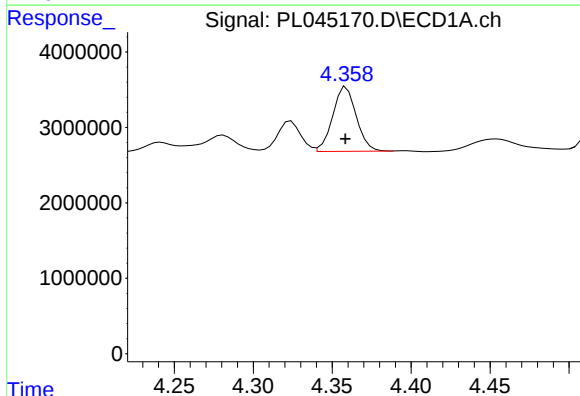
R.T.: 4.071 min
Delta R.T.: 0.000 min
Response: 7776282
Conc: 0.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



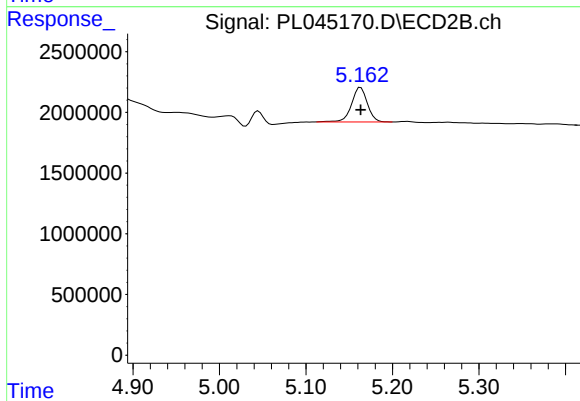
#3 gamma-BHC (Lindane)

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 2293131
Conc: 0.81 ng/ml



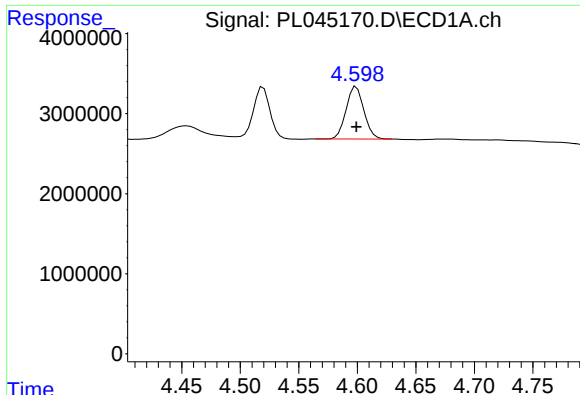
#4 Heptachlor

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 8877487
Conc: 0.84 ng/ml



#4 Heptachlor

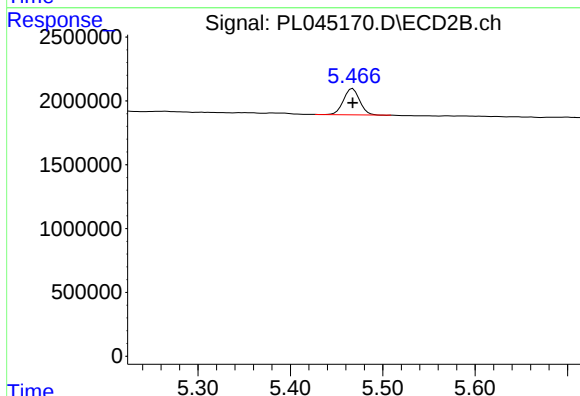
R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 3610724
Conc: 1.21 ng/ml



#5 Aldrin

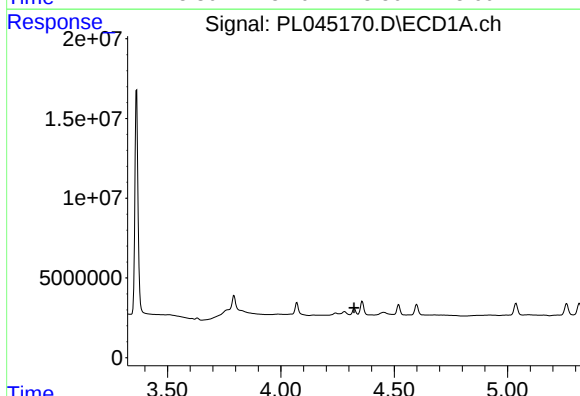
R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 6928435
Conc: 0.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



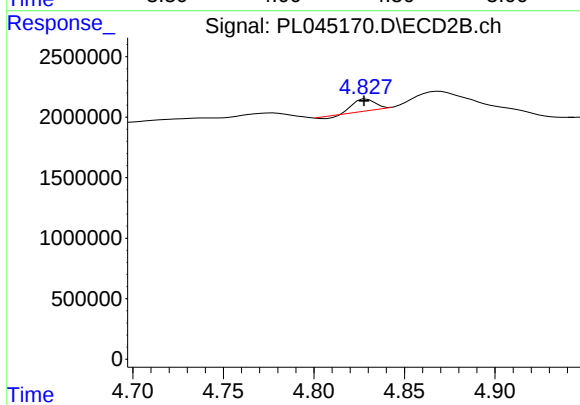
#5 Aldrin

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 2496591
Conc: 0.92 ng/ml



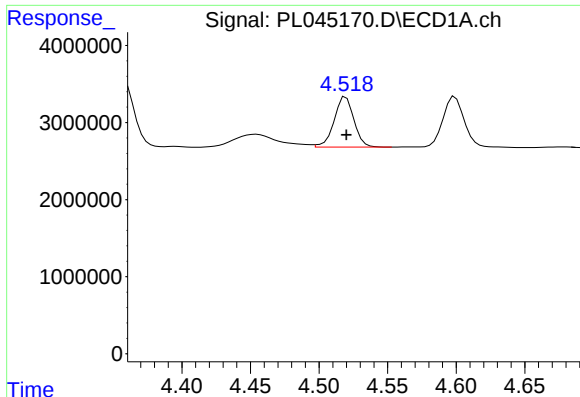
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.324 min
Response: 0
Conc: N.D.



#6 beta-BHC

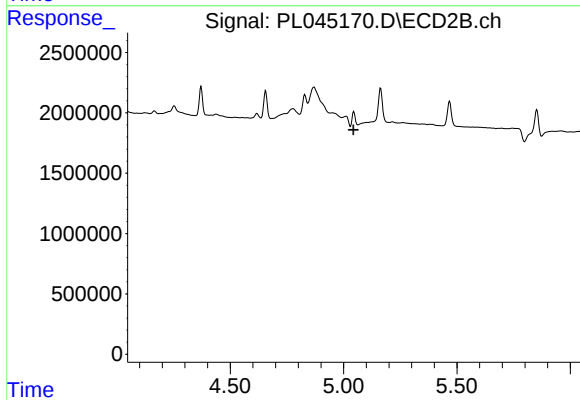
R.T.: 4.829 min
Delta R.T.: 0.001 min
Response: 723900
Conc: 0.57 ng/ml



#7 delta-BHC

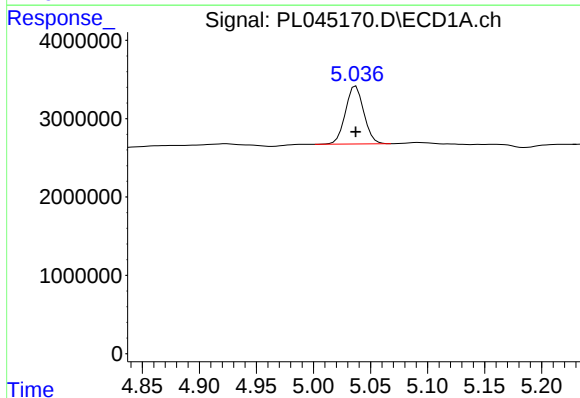
R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 6556121
Conc: 0.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



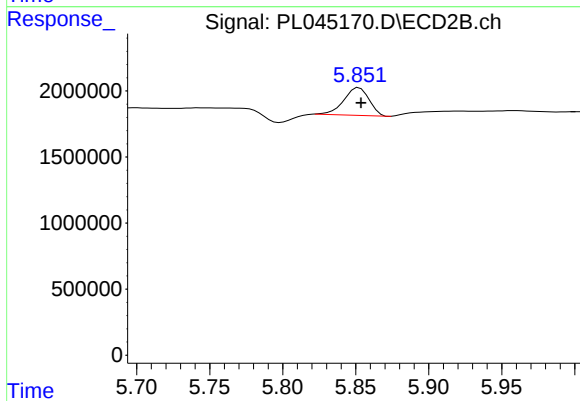
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.044 min
Response: 0
Conc: N.D.



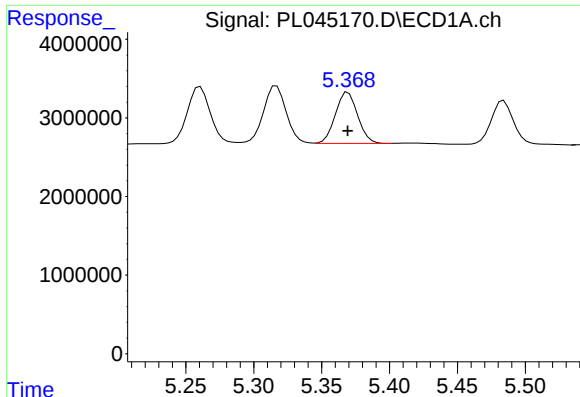
#8 Heptachlor epoxide

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 8275344
Conc: 0.89 ng/ml



#8 Heptachlor epoxide

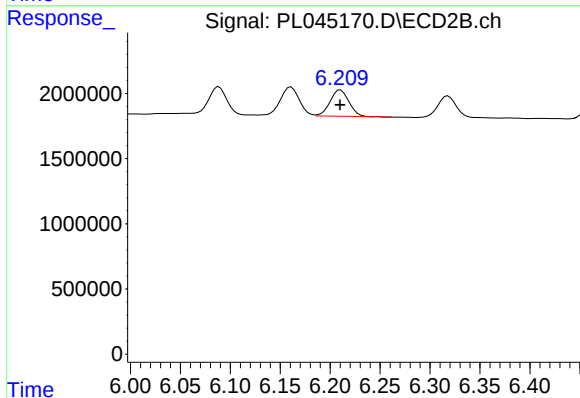
R.T.: 5.852 min
Delta R.T.: -0.001 min
Response: 2528991
Conc: 1.05 ng/ml



#9 Endosulfan I

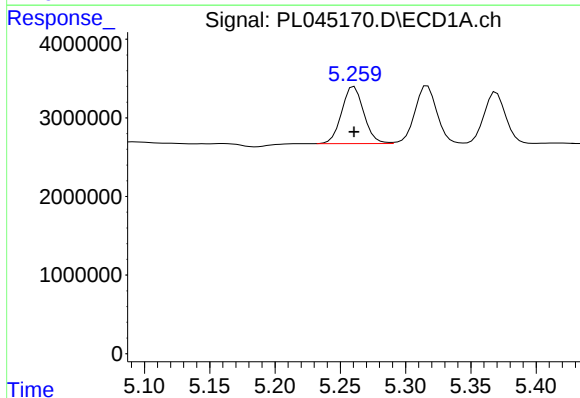
R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 7436114
Conc: 0.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



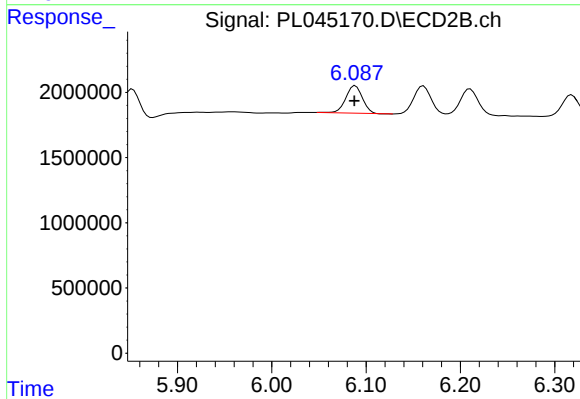
#9 Endosulfan I

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 2642210
Conc: 1.06 ng/ml



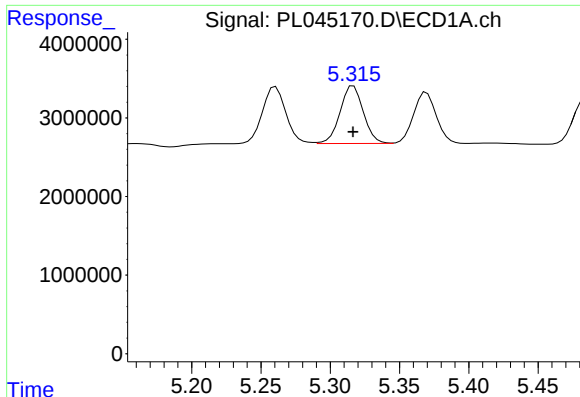
#10 gamma-Chlordane

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 8551063
Conc: 0.87 ng/ml



#10 gamma-Chlordane

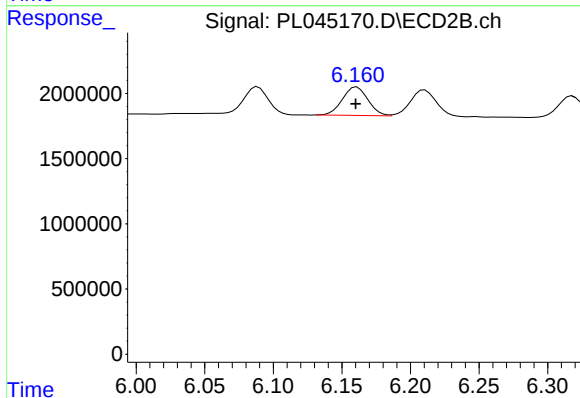
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 2584286
Conc: 0.96 ng/ml



#11 alpha-Chlordane

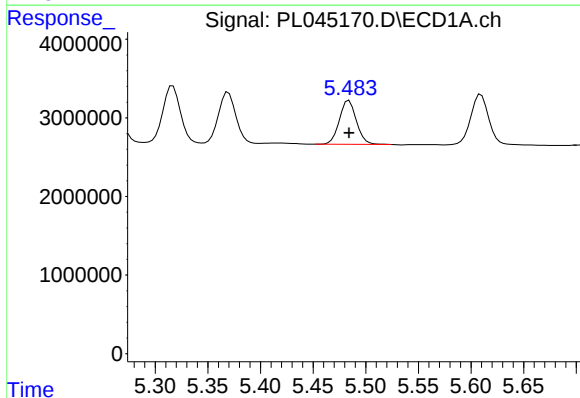
R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 8595831
Conc: 0.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



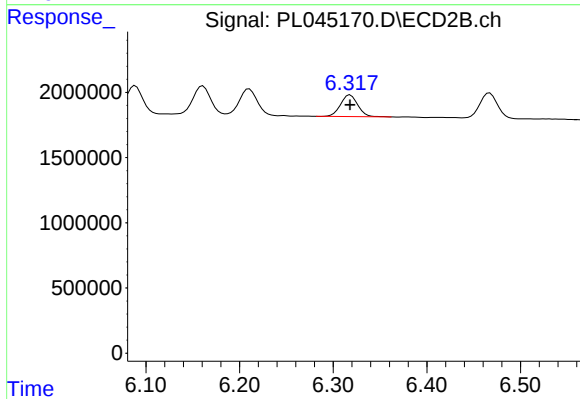
#11 alpha-Chlordane

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 2837598
Conc: 1.05 ng/ml



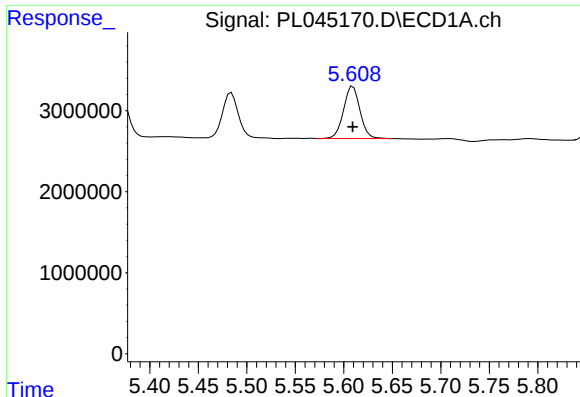
#12 4,4'-DDE

R.T.: 5.484 min
Delta R.T.: 0.000 min
Response: 6318198
Conc: 0.72 ng/ml



#12 4,4'-DDE

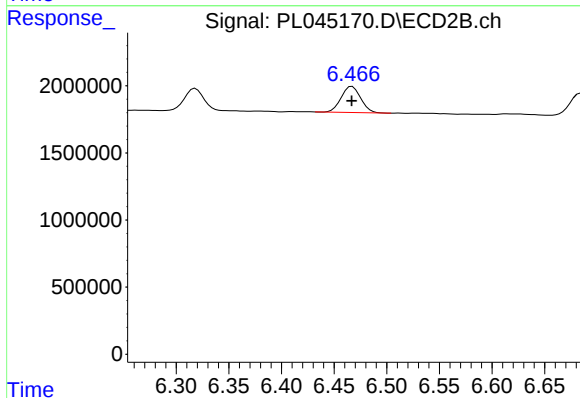
R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 2128851
Conc: 0.91 ng/ml



#13 Dieldrin

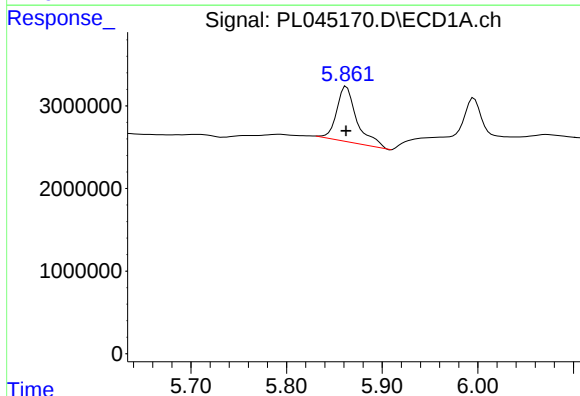
R.T.: 5.609 min
Delta R.T.: 0.000 min
Response: 7575716
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



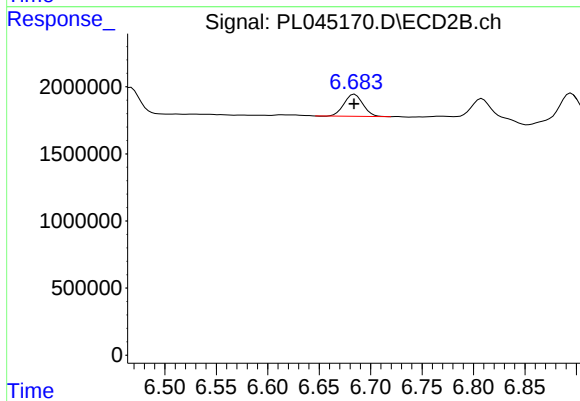
#13 Dieldrin

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 2510405
Conc: 0.98 ng/ml



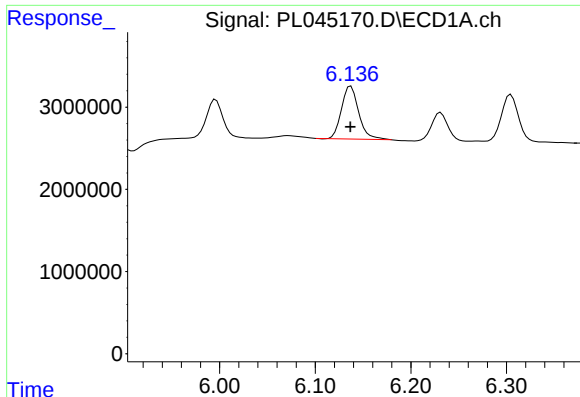
#14 Endrin

R.T.: 5.863 min
Delta R.T.: 0.000 min
Response: 9855125
Conc: 1.09 ng/ml



#14 Endrin

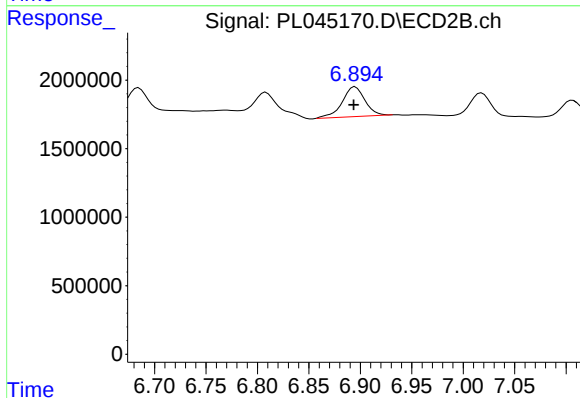
R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 2086474
Conc: 0.92 ng/ml



#15 Endosulfan II

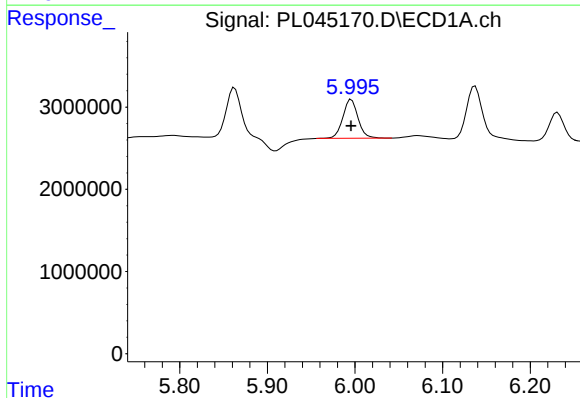
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 8068730
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



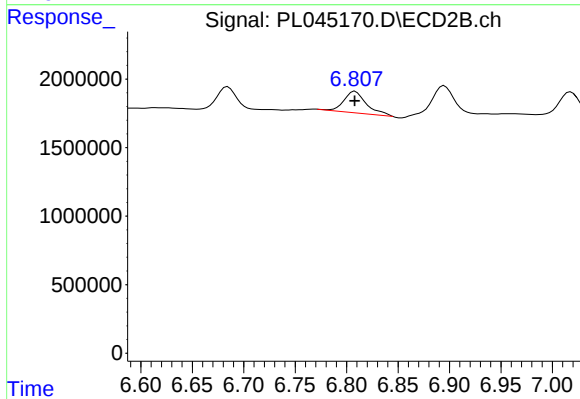
#15 Endosulfan II

R.T.: 6.895 min
Delta R.T.: 0.001 min
Response: 3374556
Conc: 1.43 ng/ml



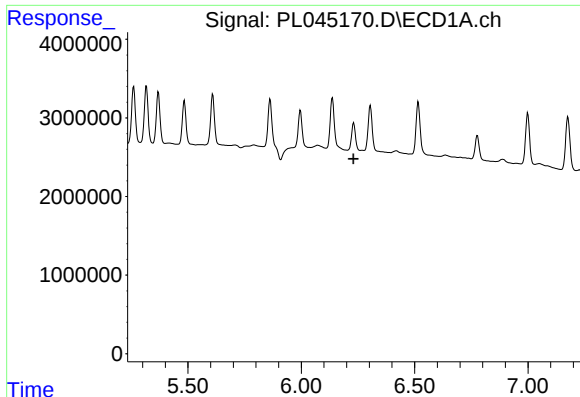
#16 4,4'-DDD

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 5675921
Conc: 0.78 ng/ml



#16 4,4'-DDD

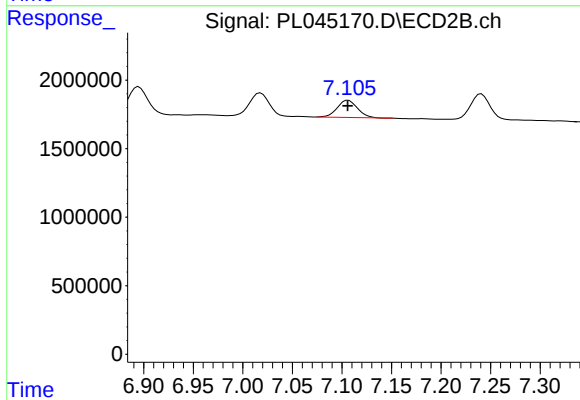
R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 2341974
Conc: 1.22 ng/ml



#17 4,4'-DDT

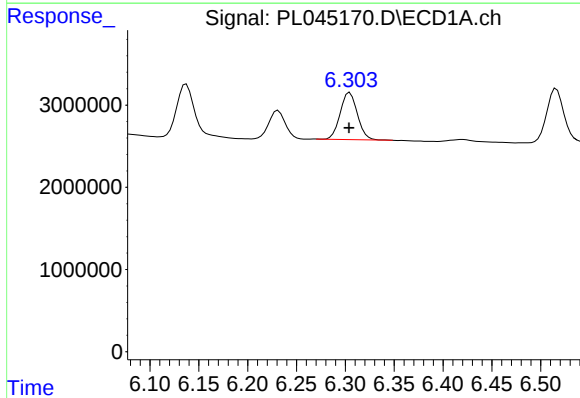
R.T.: 0.000 min
Exp R.T.: 6.231 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



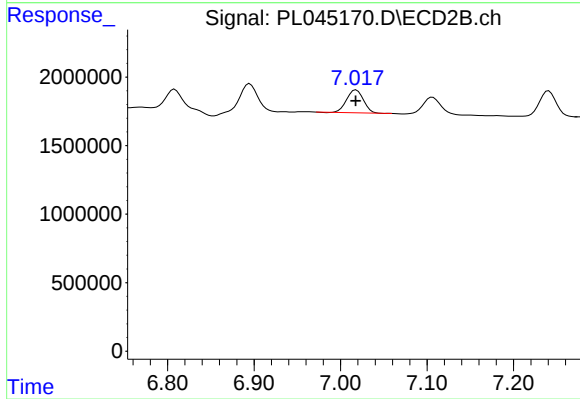
#17 4,4'-DDT

R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 1773747
Conc: 0.90 ng/ml



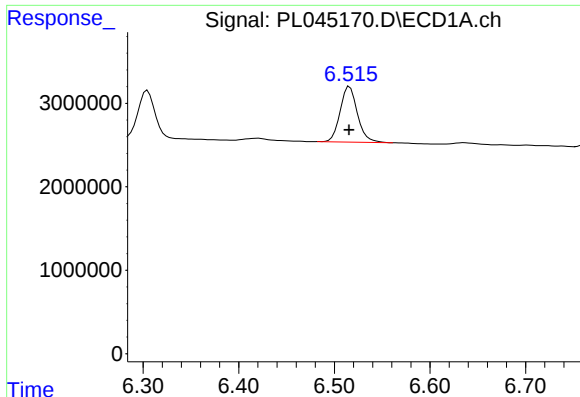
#18 Endrin aldehyde

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 7065147
Conc: 0.97 ng/ml



#18 Endrin aldehyde

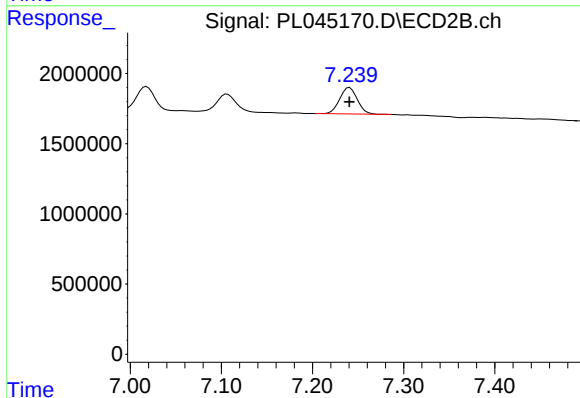
R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 2226150
Conc: 1.09 ng/ml



#19 Endosulfan Sulfate

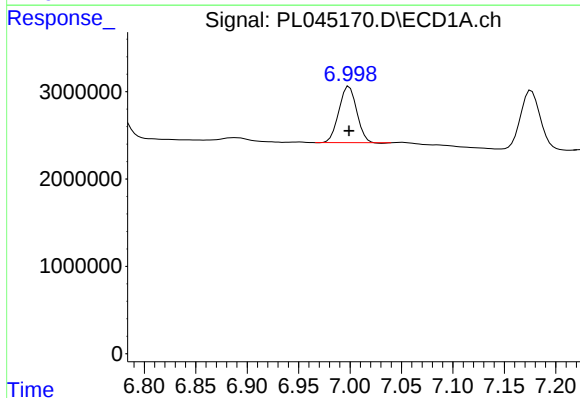
R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 8360552
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



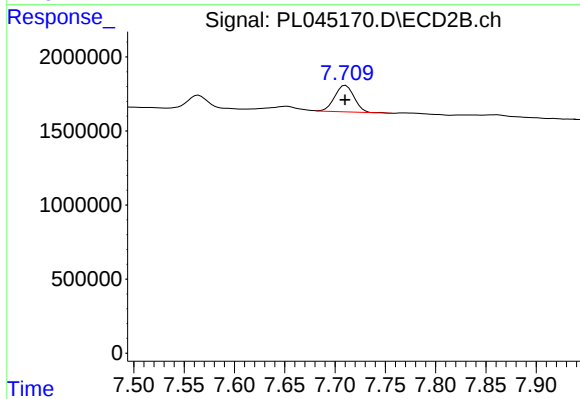
#19 Endosulfan Sulfate

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 2546881
Conc: 1.13 ng/ml



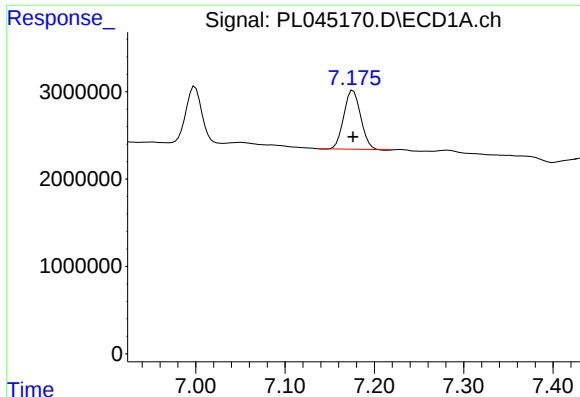
#21 Endrin ketone

R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 7728871
Conc: 0.84 ng/ml



#21 Endrin ketone

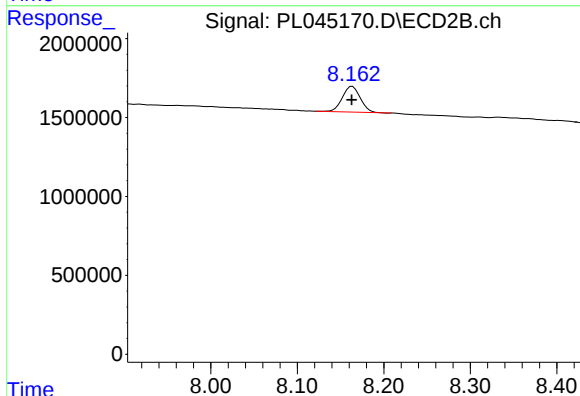
R.T.: 7.711 min
Delta R.T.: 0.000 min
Response: 2387882
Conc: 1.00 ng/ml



#22 Mirex

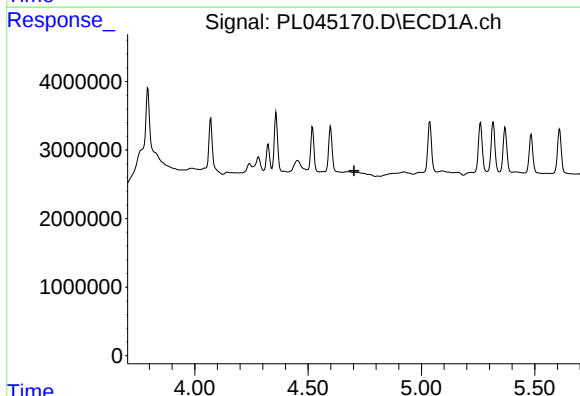
R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 8785894
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



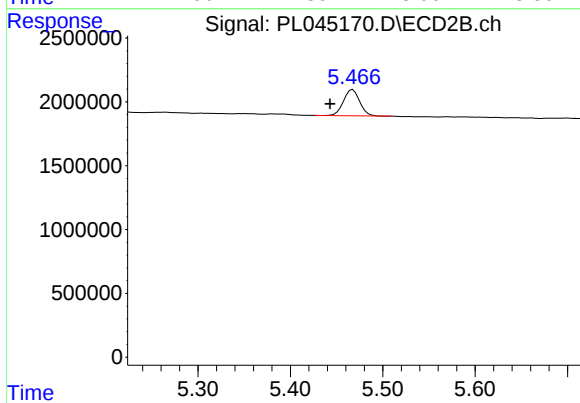
#22 Mirex

R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 2310616
Conc: 1.16 ng/ml



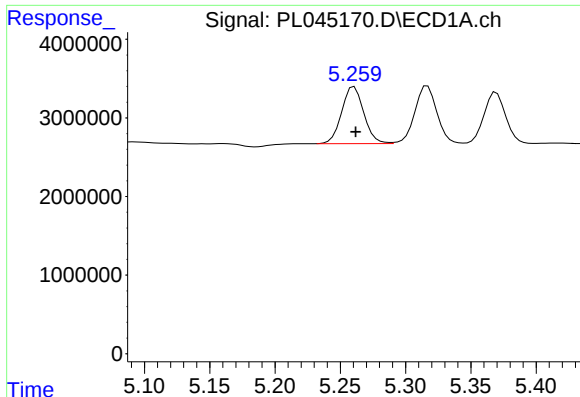
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.704 min
Response: 0
Conc: N.D.



#24 Chlordane-2

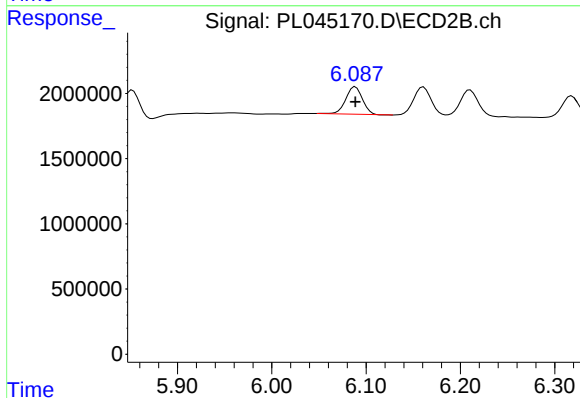
R.T.: 5.468 min
Delta R.T.: 0.025 min
Response: 2496591
Conc: 20.66 ng/ml



#25 Chlordane-3

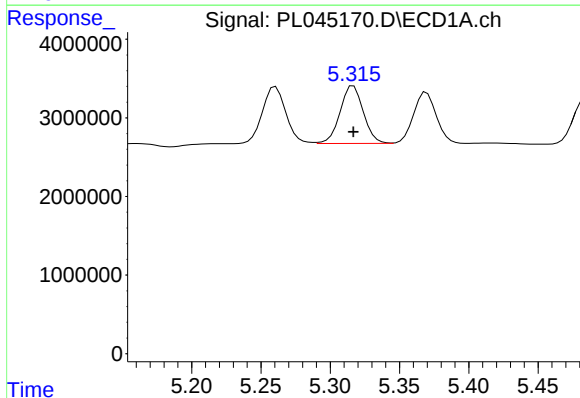
R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 8551063
Conc: 7.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



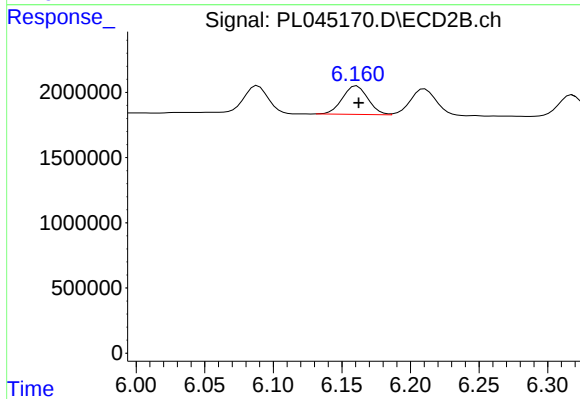
#25 Chlordane-3

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 2584286
Conc: 6.63 ng/ml



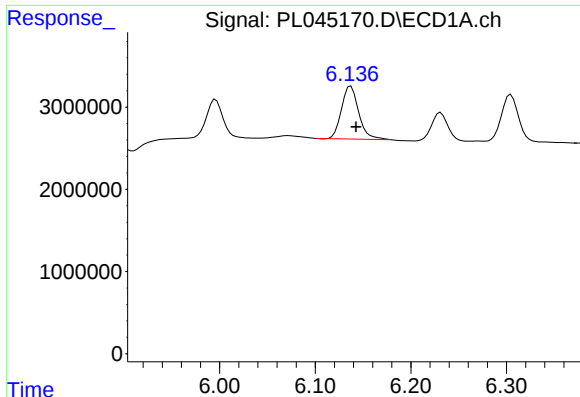
#26 Chlordane-4

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 8595831
Conc: 8.11 ng/ml



#26 Chlordane-4

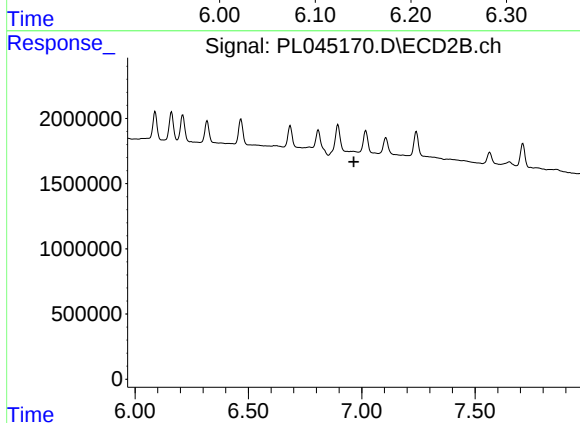
R.T.: 6.161 min
Delta R.T.: -0.001 min
Response: 2837598
Conc: 6.07 ng/ml



#27 Chlordane-5

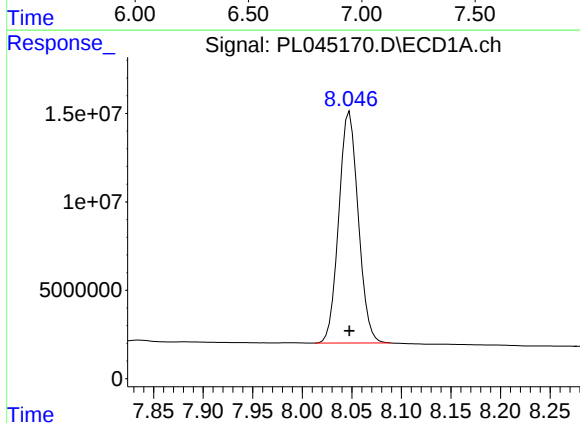
R.T.: 6.137 min
Delta R.T.: -0.006 min
Response: 8068730
Conc: 23.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



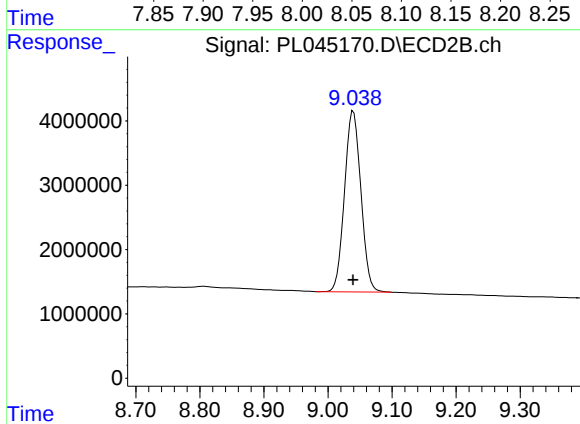
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.966 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.048 min
Delta R.T.: 0.000 min
Response: 178879463
Conc: 21.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.040 min
Delta R.T.: 0.000 min
Response: 49960157
Conc: 21.87 ng/ml