

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

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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. : 1 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 x0.5µm

	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	4.323	4.827	3913792	1082982	0.913m	0.853m
7)	B delta-BHC	4.520	5.044	6556121	1066774	0.686	0.496m#
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	5.861	6.685	7115739	2086474	0.790m	0.917
15)	B Endosulfa...	6.137	6.894	8068730	3000794	0.931	1.276m#
16)	A 4,4'-DDD	5.996	6.807	5675921	1729483	0.775	0.899m
17)	MA 4,4'-DDT	6.230	7.106	4145103	1773747	0.553m	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
20)	A Methoxychlor	6.775	7.563	3691262	1184840	0.841m	0.965m
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

(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
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 24 Sample Multiplier: 1

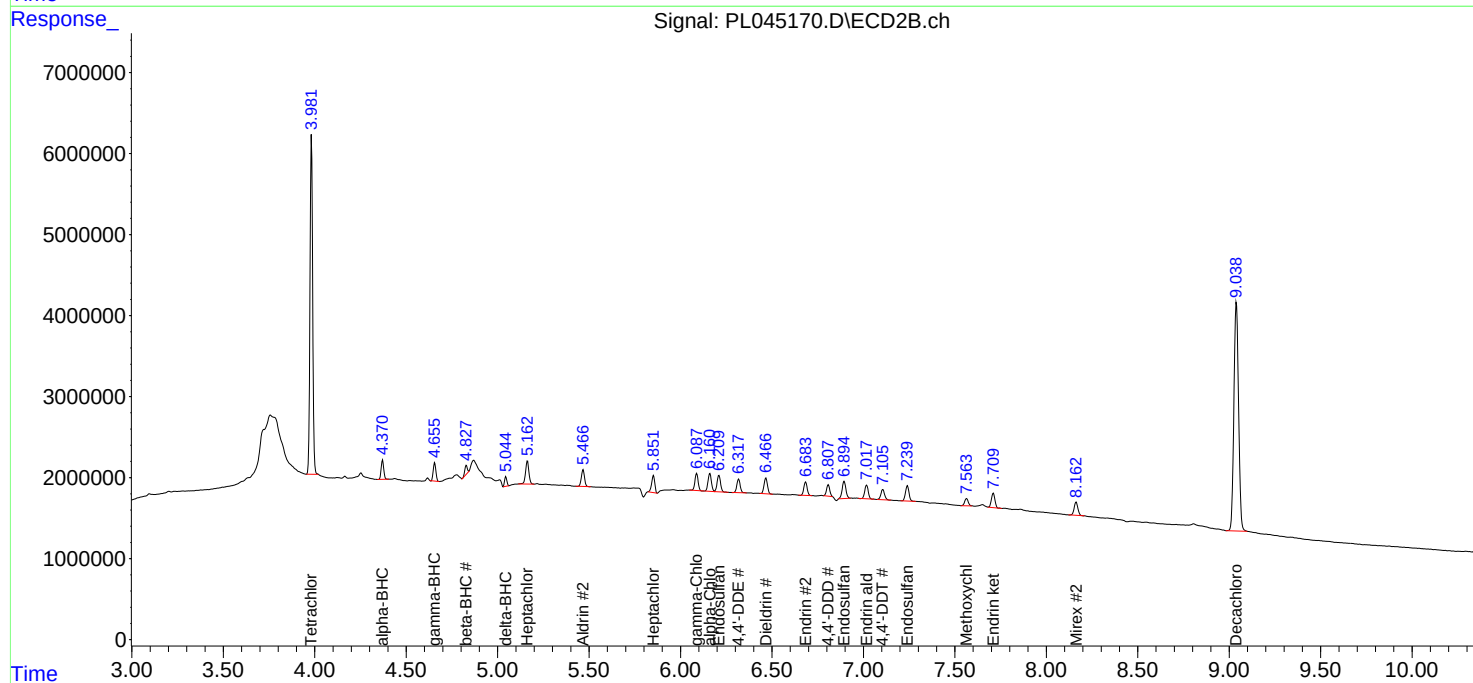
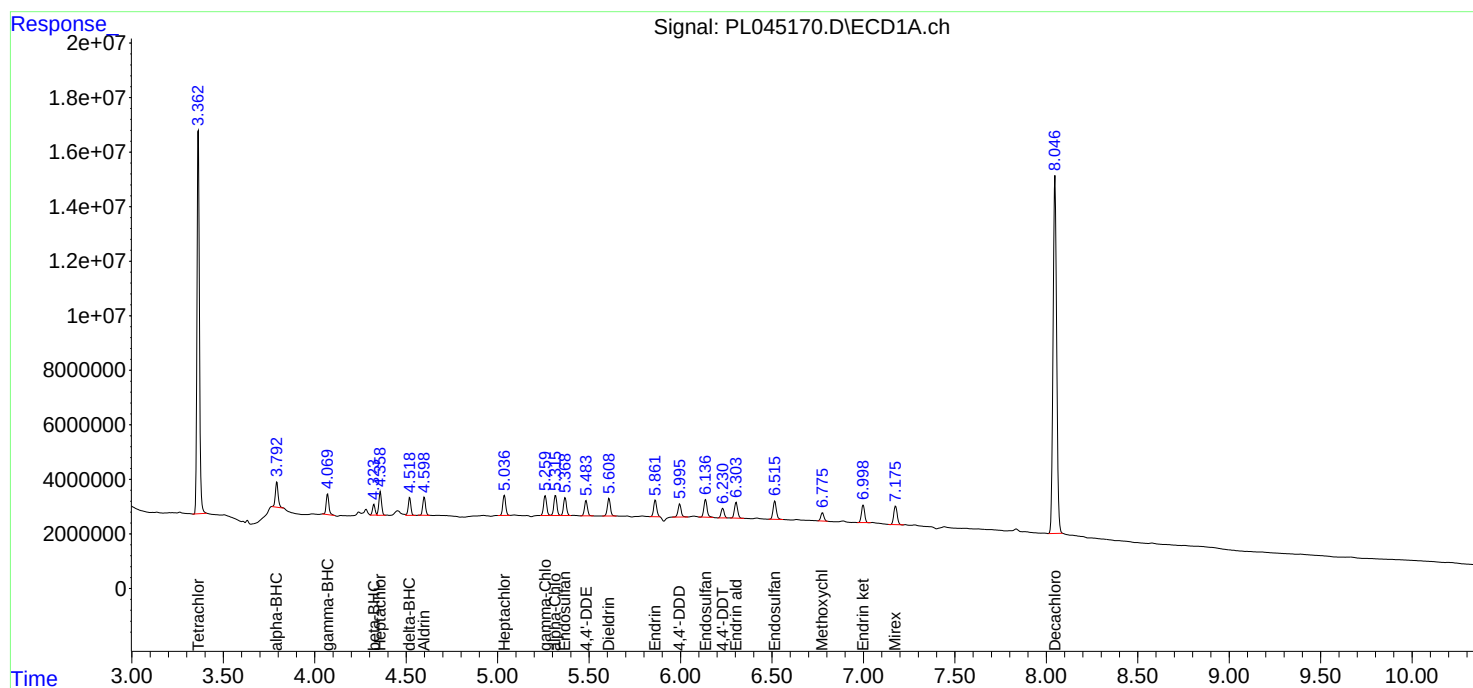
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

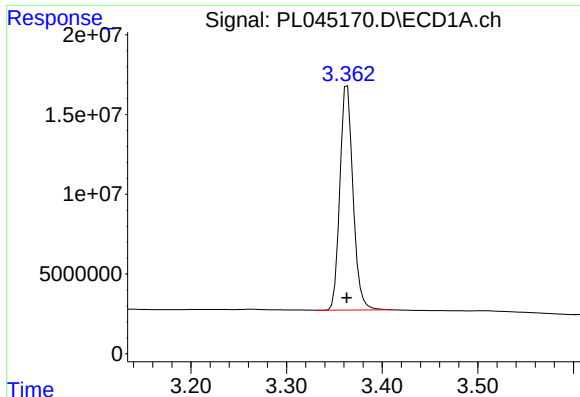
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 04:48:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
 Quant Title : GC Extractables
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Volume Inj. : 1 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 x0.5µm





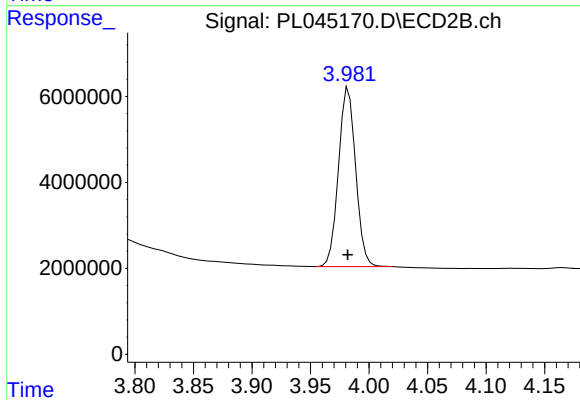
#1 Tetrachloro-m-xylene

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

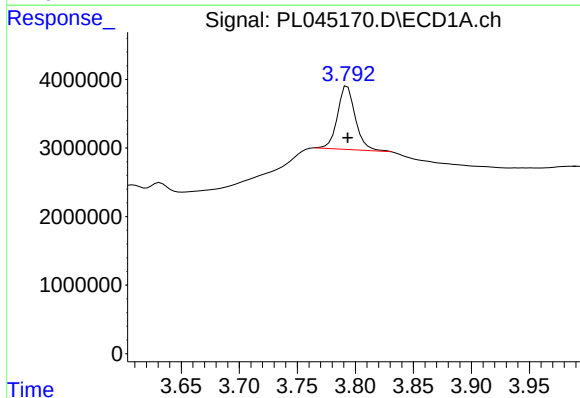
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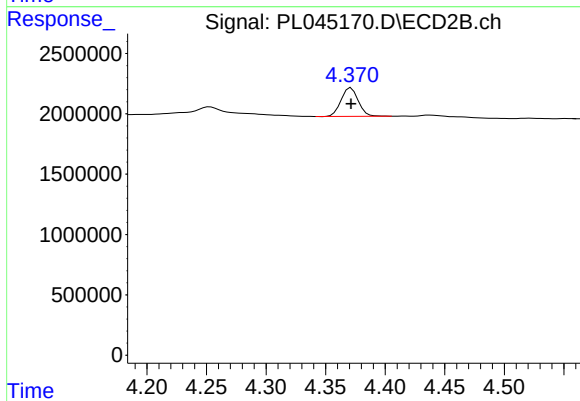
#1 Tetrachloro-m-xylene

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



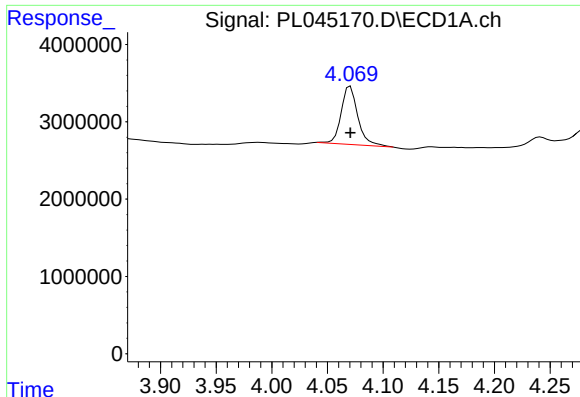
#2 alpha-BHC

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



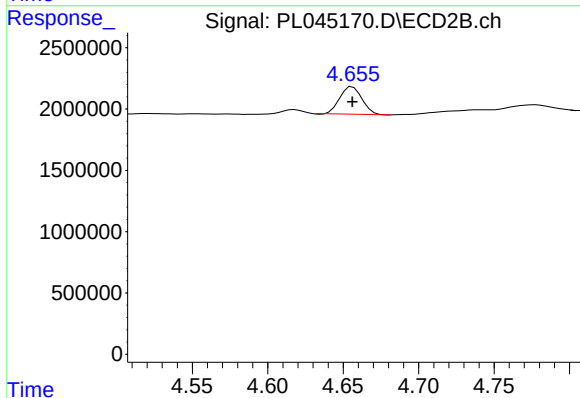
#3 gamma-BHC (Lindane)

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

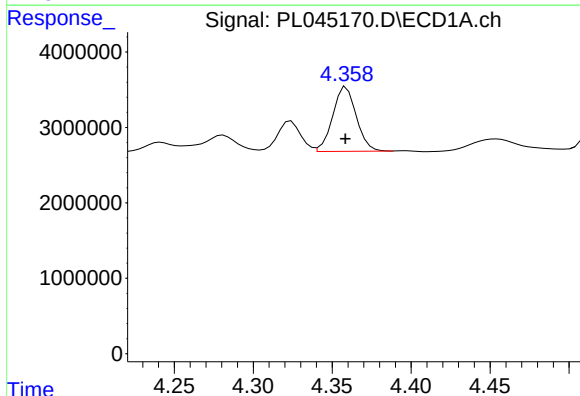
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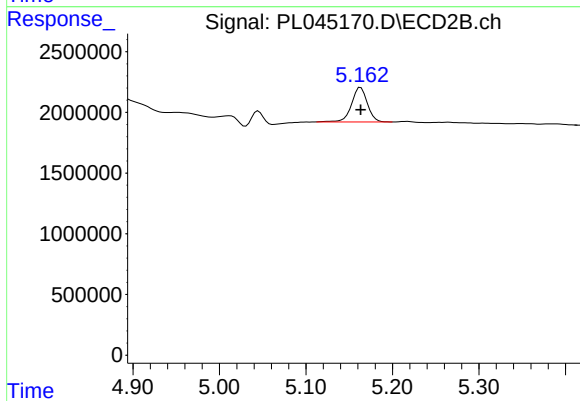
#3 gamma-BHC (Lindane)

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



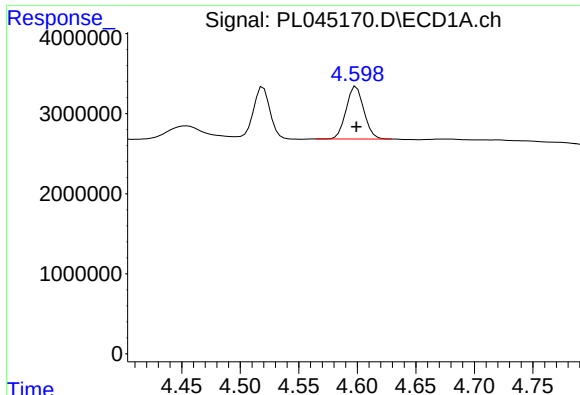
#4 Heptachlor

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



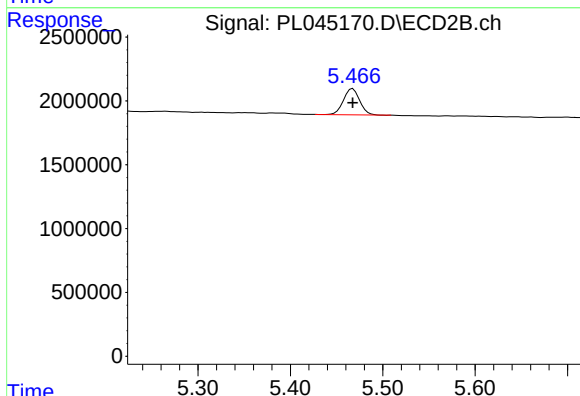
#5 Aldrin

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

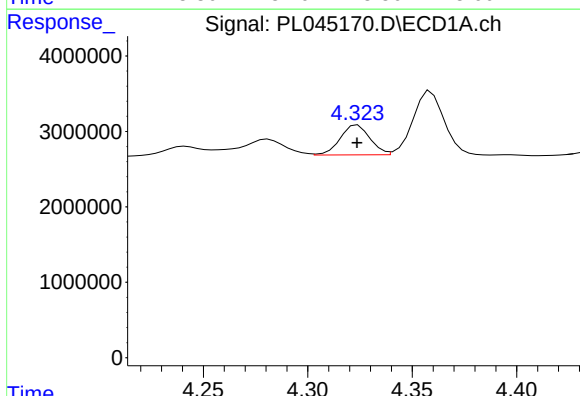
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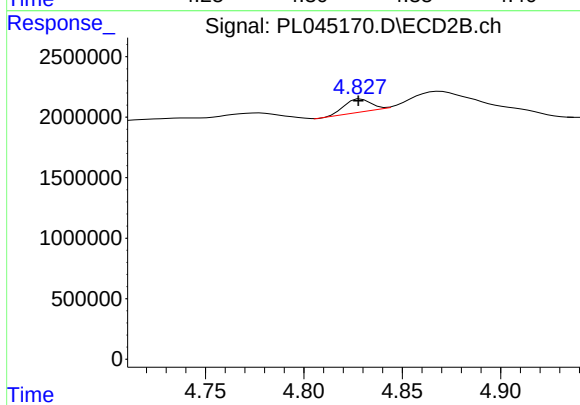
#5 Aldrin

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



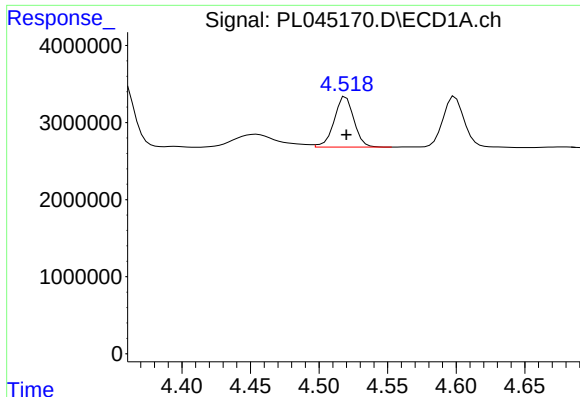
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.001 min
Response: 3913792
Conc: 0.91 ng/ml m



#6 beta-BHC

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 1082982
Conc: 0.85 ng/ml m



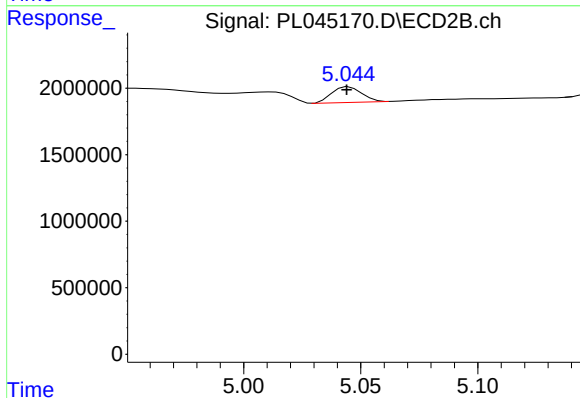
#7 delta-BHC

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

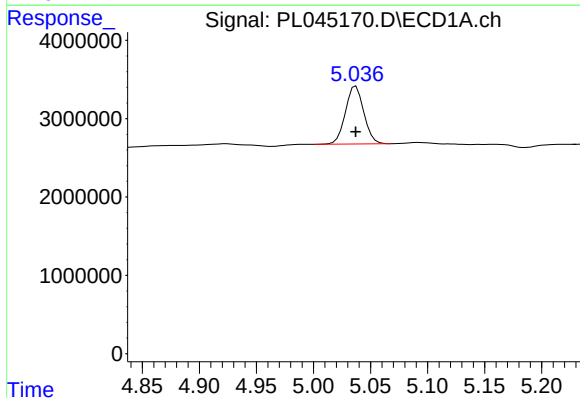
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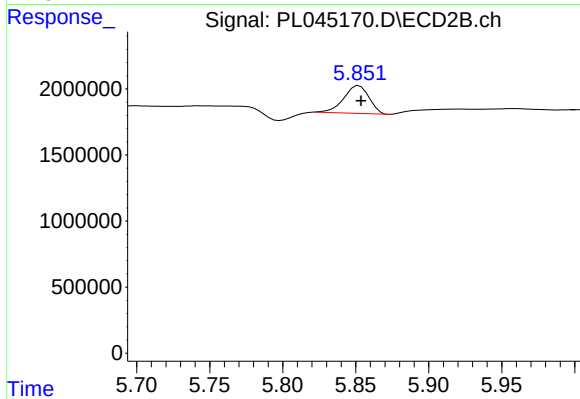
#7 delta-BHC

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 1066774
Conc: 0.50 ng/ml m



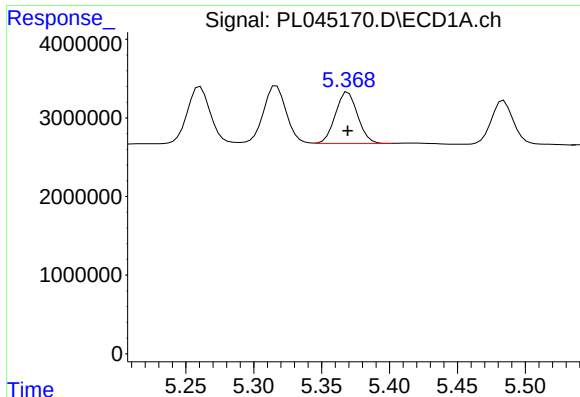
#8 Heptachlor epoxide

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



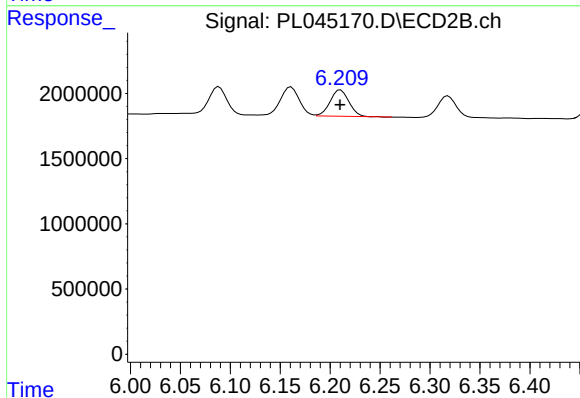
#9 Endosulfan I

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

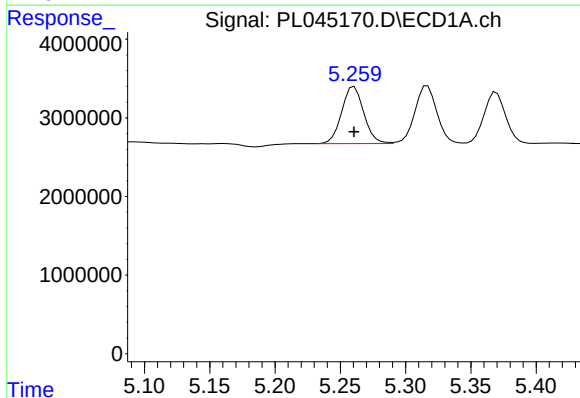
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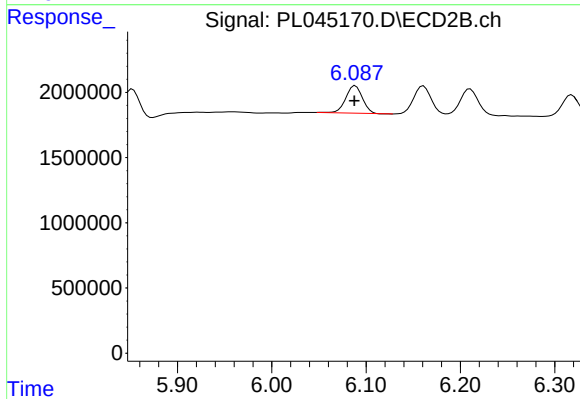
#9 Endosulfan I

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



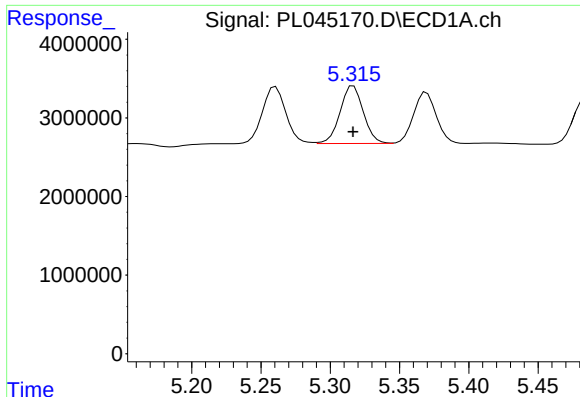
#10 gamma-Chlordane

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



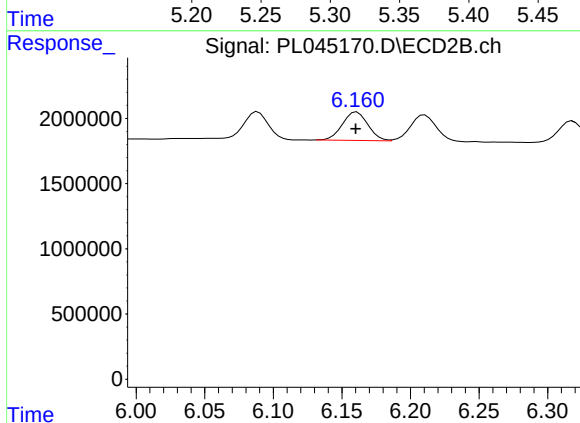
#11 alpha-Chlordane

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

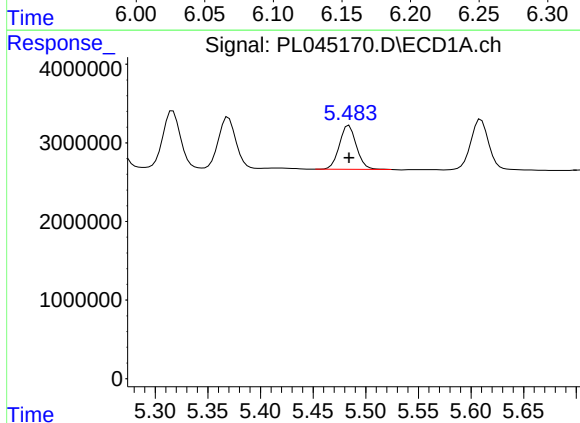
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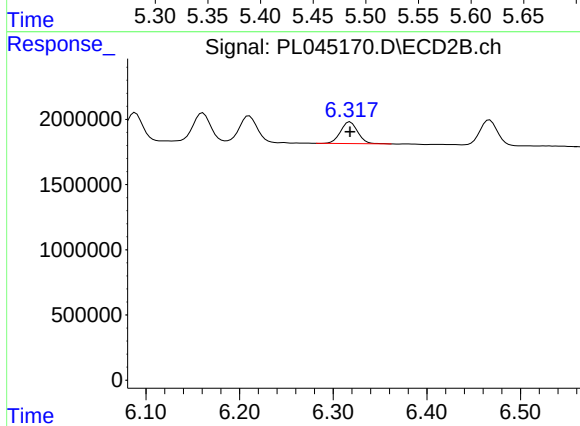
#11 alpha-Chlordane

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



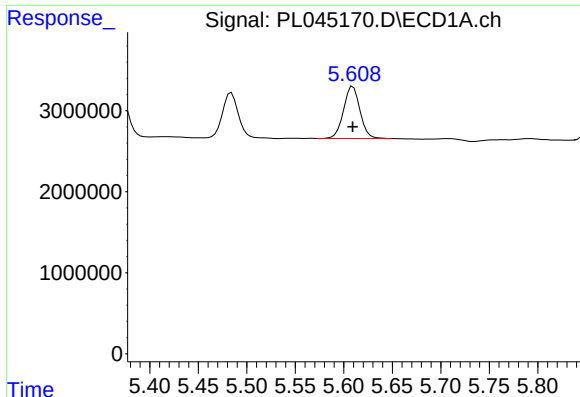
#12 4,4'-DDE

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



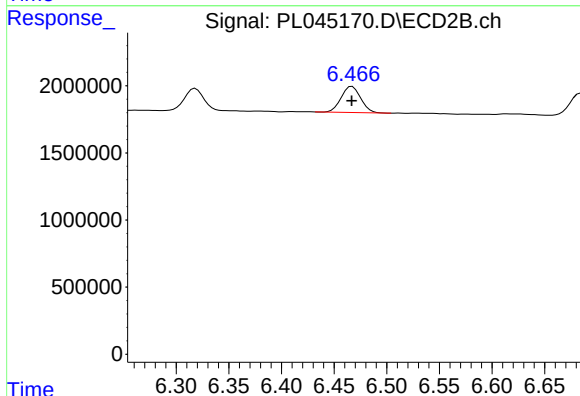
#13 Dieldrin

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

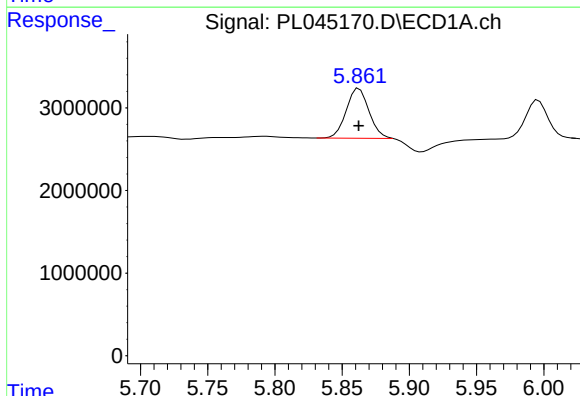
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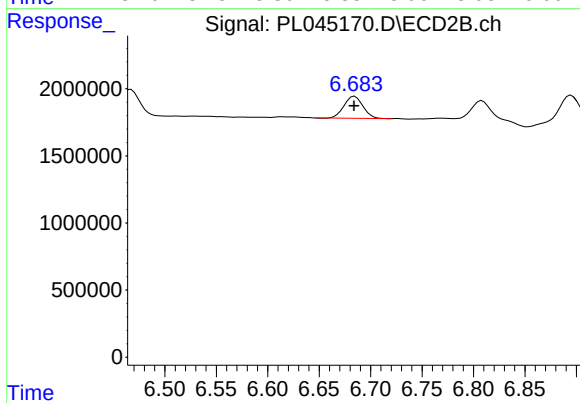
#13 Dieldrin

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



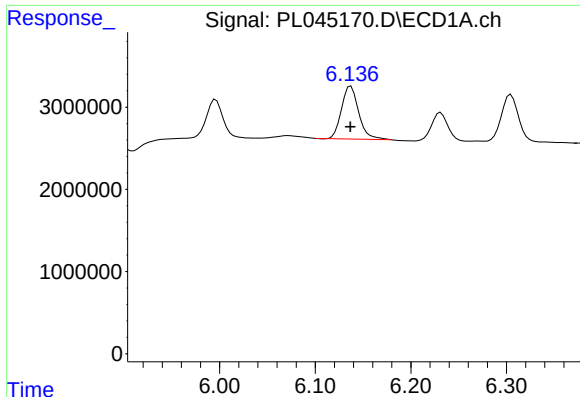
#14 Endrin

R.T.: 5.861 min
Delta R.T.: -0.001 min
Response: 7115739
Conc: 0.79 ng/ml m



#14 Endrin

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



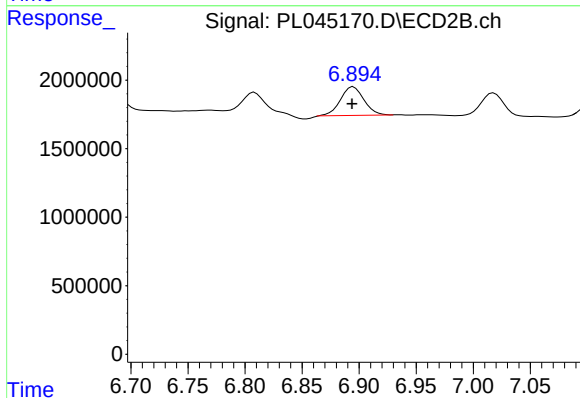
#15 Endosulfan II

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

Instrument :
ECD_L
ClientSampleId :
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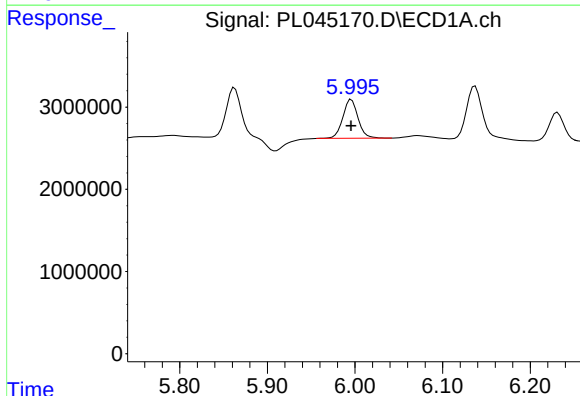
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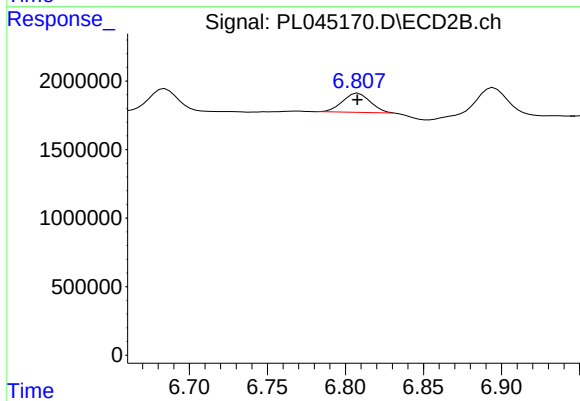
#15 Endosulfan II

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 3000794
Conc: 1.28 ng/ml m



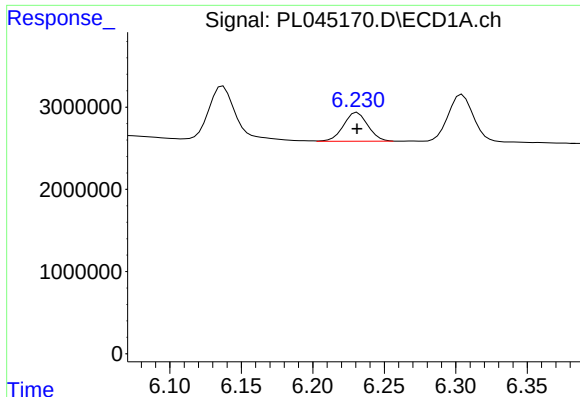
#16 4,4'-DDD

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



#16 4,4'-DDD

R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 1729483
Conc: 0.90 ng/ml m



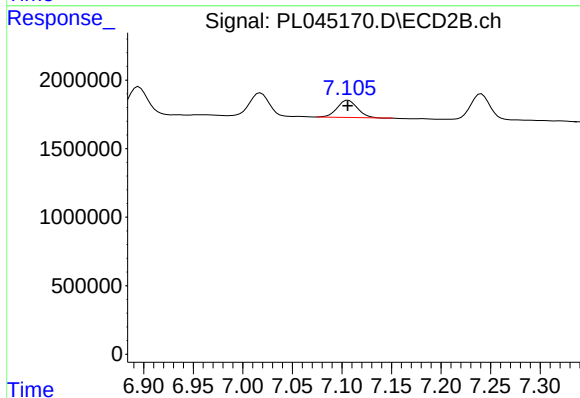
#17 4,4'-DDT

R.T.: 6.230 min
Delta R.T.: -0.001 min
Response: 4145103
Conc: 0.55 ng/ml m

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

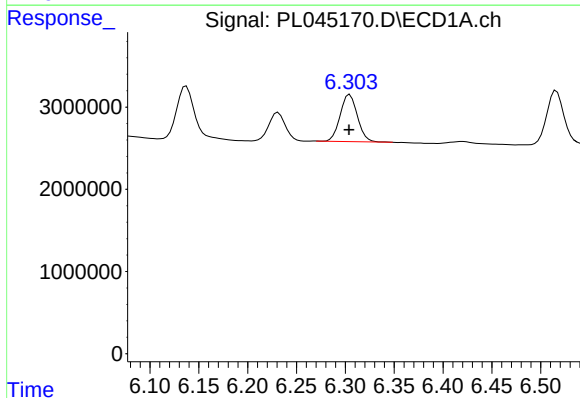
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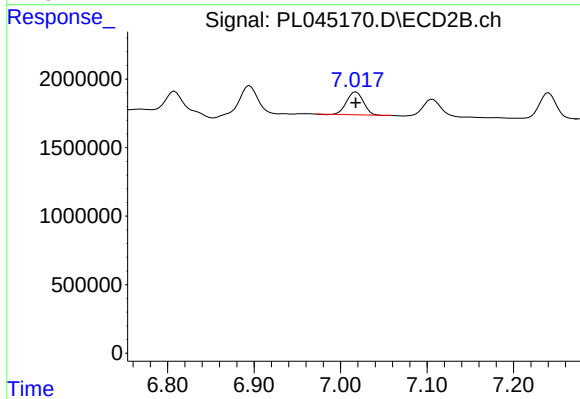
#17 4,4'-DDT

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



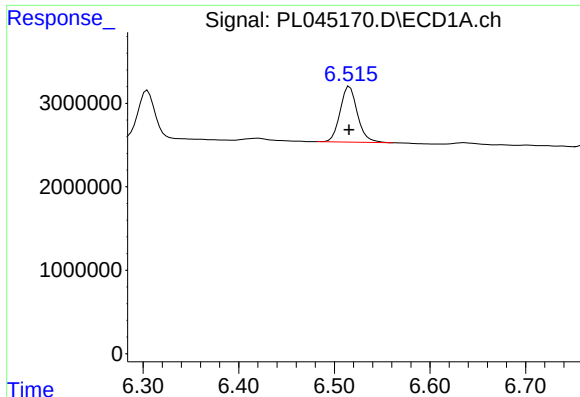
#18 Endrin aldehyde

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



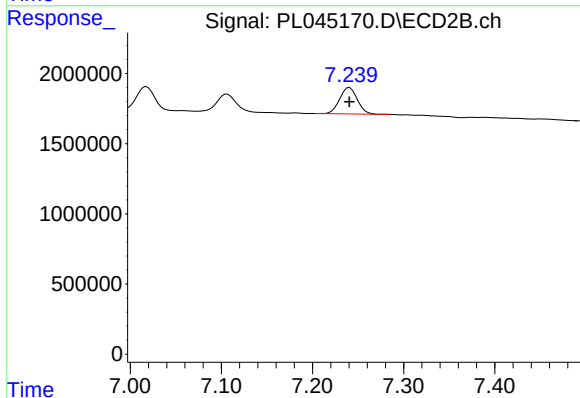
#19 Endosulfan Sulfate

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

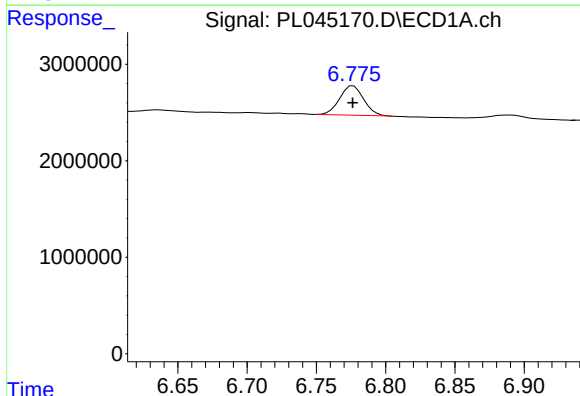
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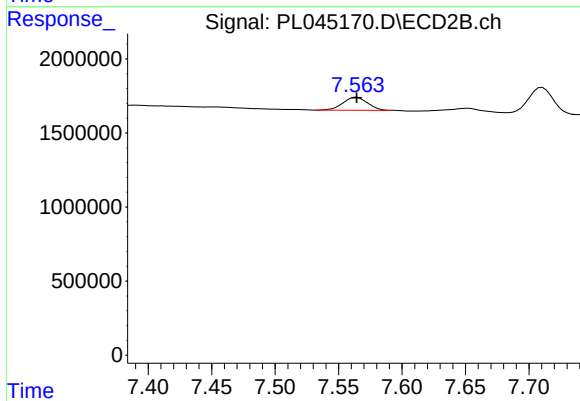
#19 Endosulfan Sulfate

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



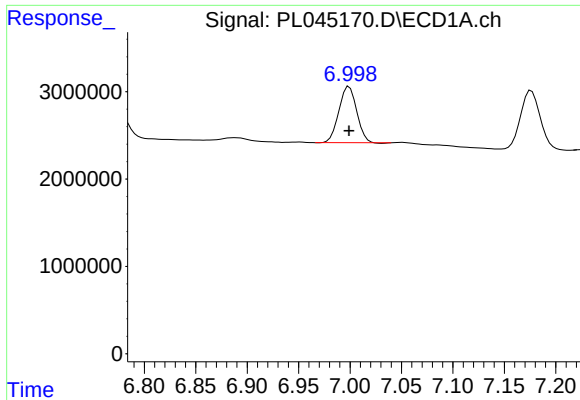
#20 Methoxychlor

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 3691262
Conc: 0.84 ng/ml m



#20 Methoxychlor

R.T.: 7.563 min
Delta R.T.: -0.001 min
Response: 1184840
Conc: 0.97 ng/ml m



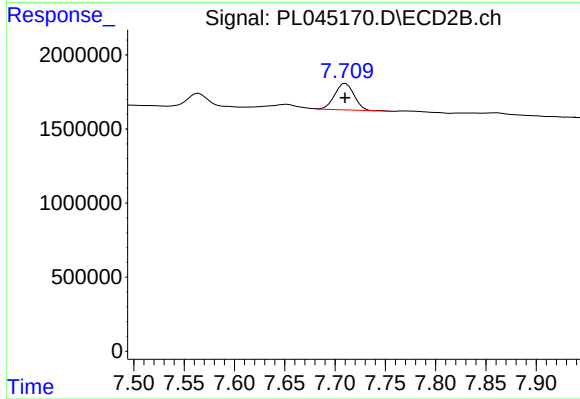
#21 Endrin ketone

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

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

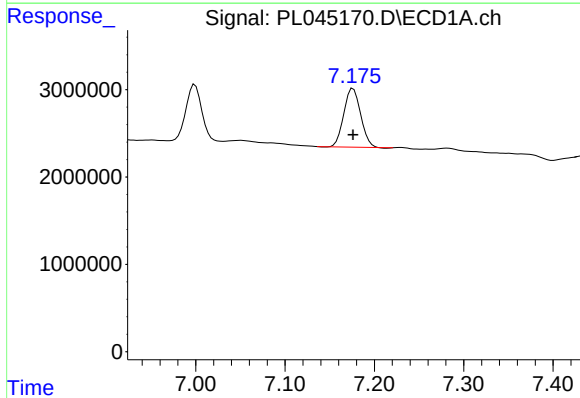
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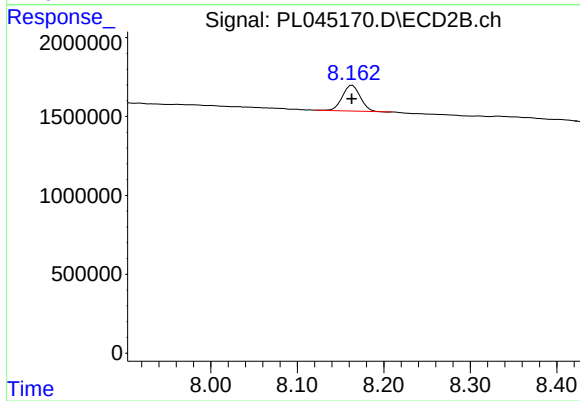
#21 Endrin ketone

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



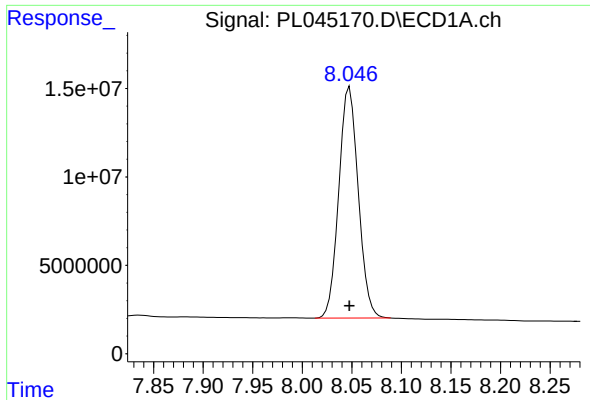
#22 Mirex

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



#22 Mirex

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



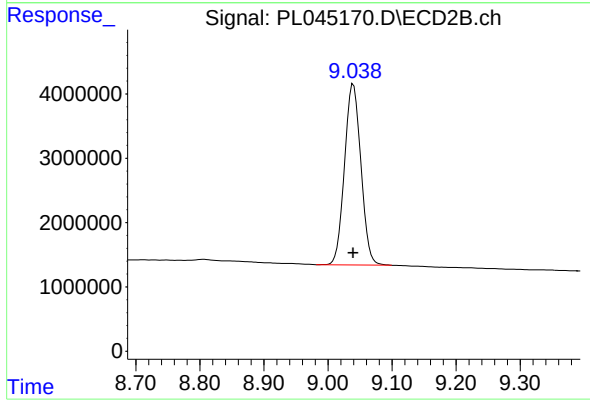
#28 Decachlorobiphenyl

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

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

Manual Integrations
APPROVED

Sohil
2/28/2019 11:51:01 AM



#28 Decachlorobiphenyl

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