

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071420\
 Data File : PL059876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2020 10:45
 Operator : DD\AJ
 Sample : L3216-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT3-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 16:14:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071020.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 10 18:52:06 2020
 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...	3.464	4.011	35805480	47807346	18.511	18.039
28)	SA Decachlor...	8.226	9.100	30665704	38722323	18.641	18.515
Target Compounds							
2)	A alpha-BHC	3.901	4.400	3483636	3063228	1.212	0.793 #
3)	MA gamma-BHC...	4.185	4.685	2064745	2944932	0.836	0.812
4)	MA Heptachlor	4.488	5.197	2013371	4112146	0.898	1.222 #
5)	MB Aldrin	4.736	5.502	1592997	2752399	0.807	0.884m
6)	B beta-BHC	4.436	4.855	1020553	1074864	0.999	0.711m#
7)	B delta-BHC	4.640	5.072	1624098	1211869	0.731	0.389m#
8)	B Heptachlo...	5.180	5.888	1596279	2460301	0.870	0.914
9)	A Endosulfan I	5.518	6.247	1343218	2317914	0.798m	0.869m
10)	B gamma-Chl...	5.407	6.127	1426533	1883887	0.786m	0.658
11)	B alpha-Chl...	5.465	6.198	1439846	3102481	0.798m	1.085 #
12)	B 4,4'-DDE	5.632	6.356	1238090	2375253	0.743	0.887
13)	MA Dieldrin	5.762	6.506	1500508	2635142	0.850	0.953
14)	MA Endrin	6.020	6.723	1642496	2123504	1.128	0.998m
15)	B Endosulfa...	6.293	6.934	1687984	3594327	1.011	1.431 #
16)	A 4,4'-DDD	6.147	6.847	1528029	3063013	1.001	1.334 #
17)	MA 4,4'-DDT	6.388	7.145	921563	1460954	0.709	0.742m
18)	B Endrin al...	6.461	7.057	1416310	1852205	0.993	0.853m
19)	B Endosulfa...	6.675	7.282	1650875	2368437	1.004	1.013
20)	A Methoxychlor	6.935	7.606	817218	1032744	1.093m	0.910m
21)	B Endrin ke...	7.164	7.752	1473514	2165616	0.785	0.839m
22)	Mirex	7.355	8.211	1448982	2120524	1.018	1.147

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071420\
 Data File : PL059876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2020 10:45
 Operator : DD\AJ
 Sample : L3216-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 10 Sample Multiplier: 1

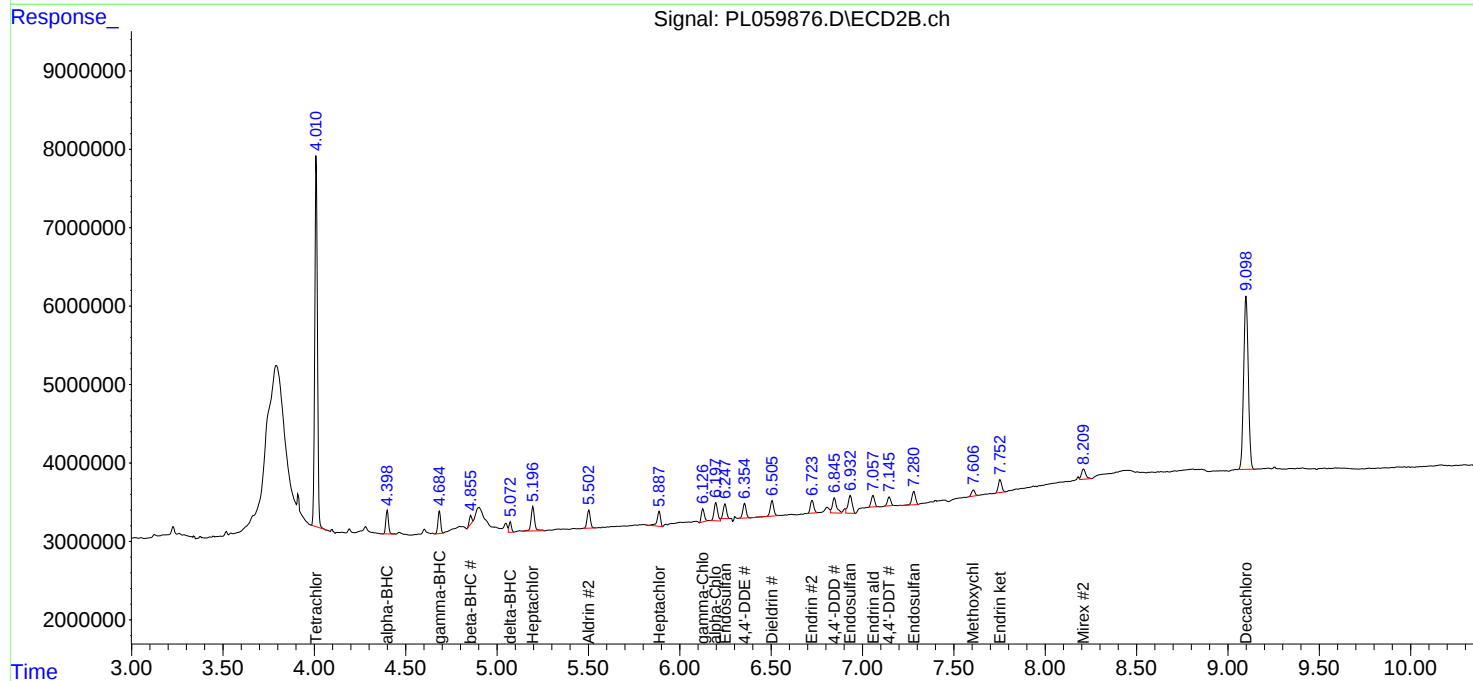
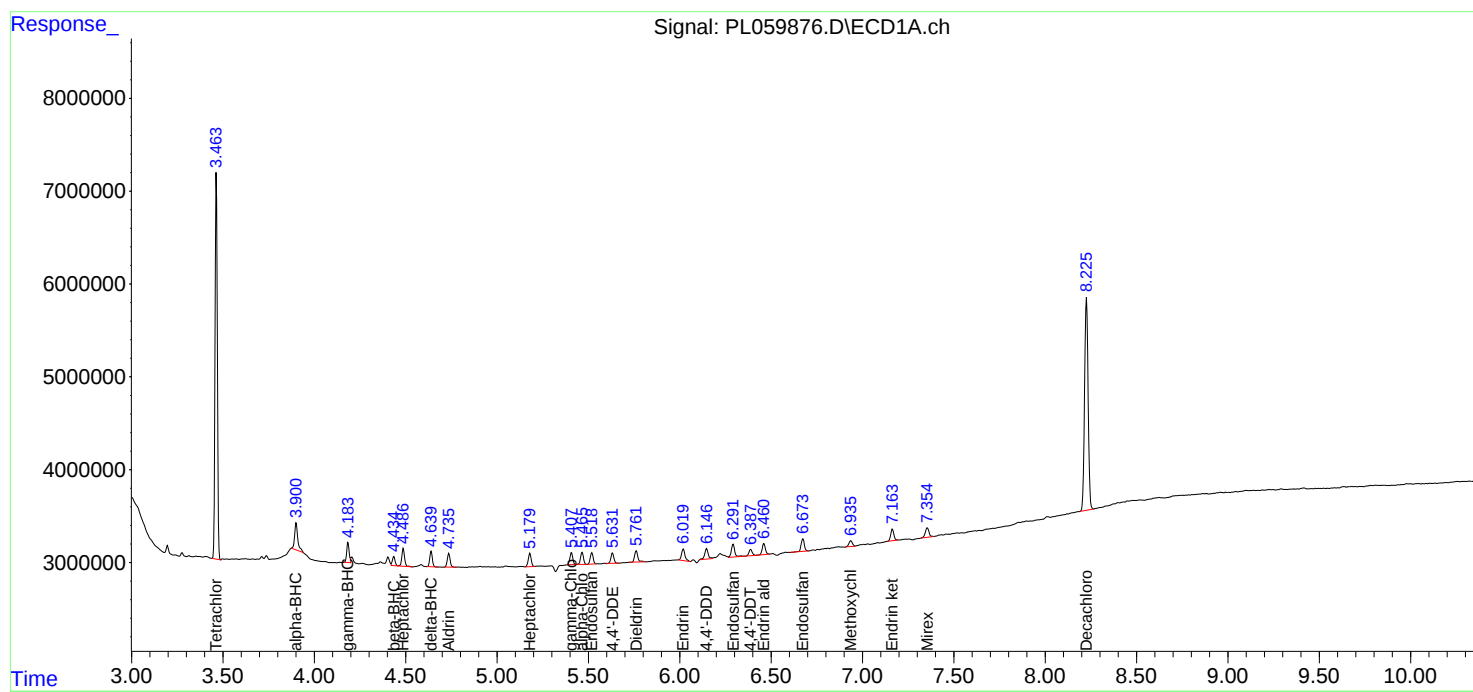
Instrument :
 ECD_L
 ClientSampleID :
 MDL-SOIL-03-QT3-2020

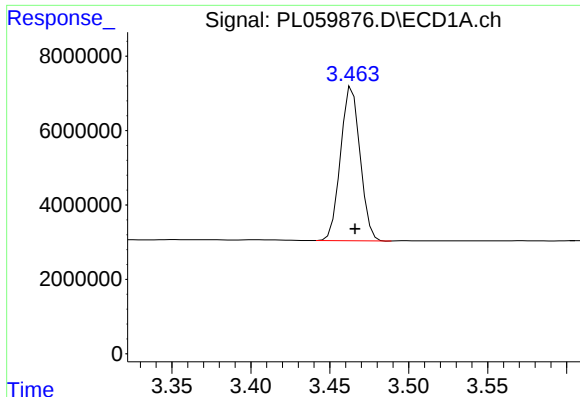
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 16:14:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071020.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 10 18:52:06 2020
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 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





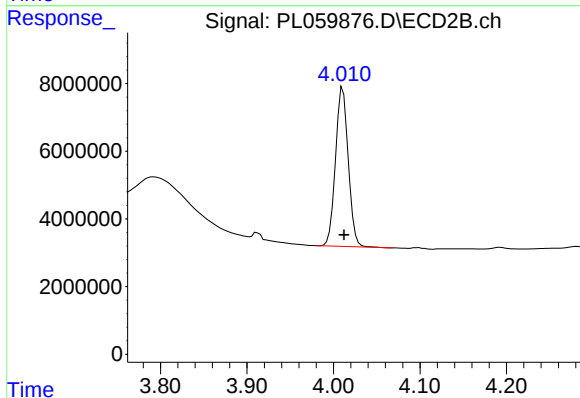
#1 Tetrachloro-m-xylene

R.T.: 3.464 min
Delta R.T.: -0.002 min
Response: 35805480
Conc: 18.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2020

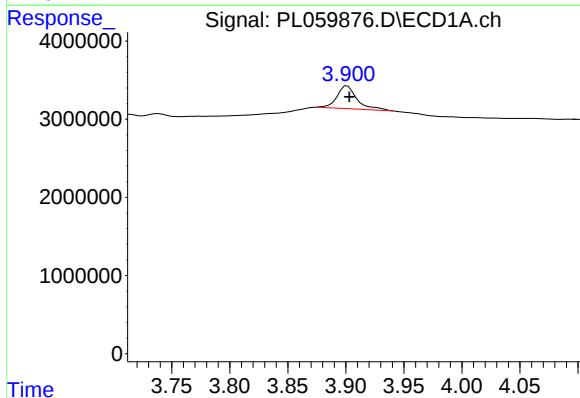
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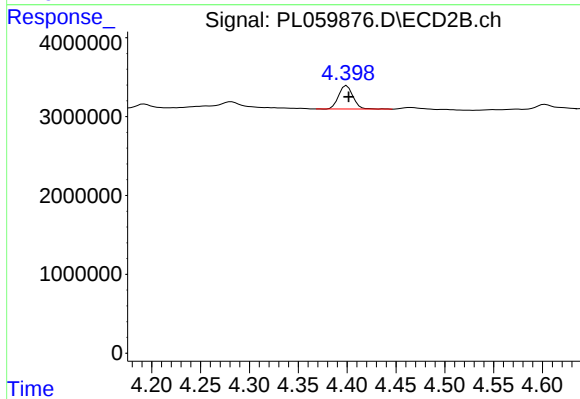
#1 Tetrachloro-m-xylene

R.T.: 4.011 min
Delta R.T.: -0.001 min
Response: 47807346
Conc: 18.04 ng/ml



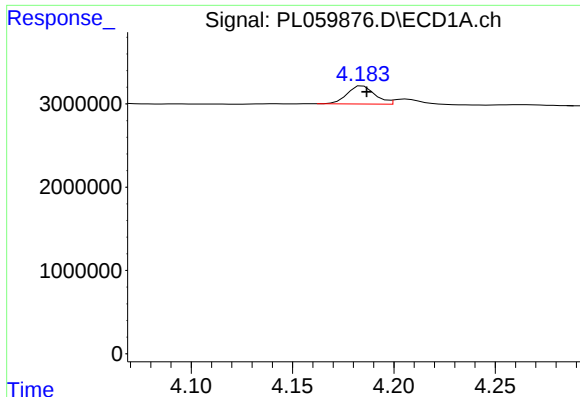
#2 alpha-BHC

R.T.: 3.901 min
Delta R.T.: -0.002 min
Response: 3483636
Conc: 1.21 ng/ml



#2 alpha-BHC

R.T.: 4.400 min
Delta R.T.: -0.002 min
Response: 3063228
Conc: 0.79 ng/ml



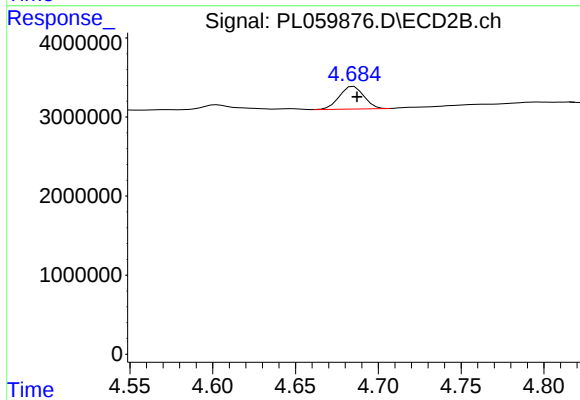
#3 gamma-BHC (Lindane)

R.T.: 4.185 min
Delta R.T.: -0.002 min
Response: 2064745
Conc: 0.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2020

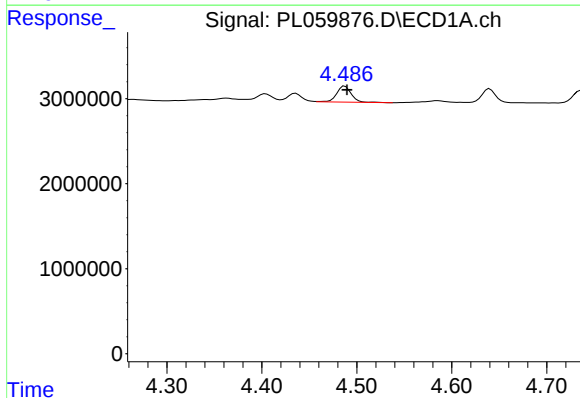
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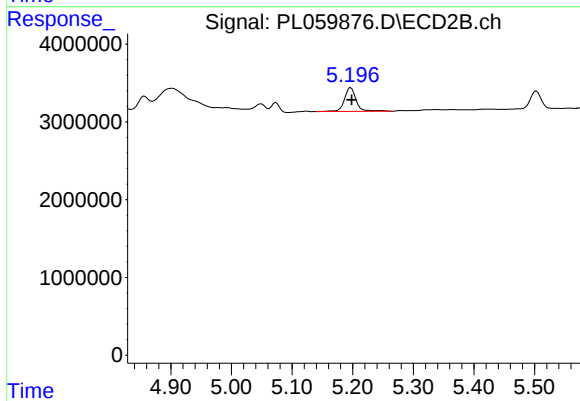
#3 gamma-BHC (Lindane)

R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 2944932
Conc: 0.81 ng/ml



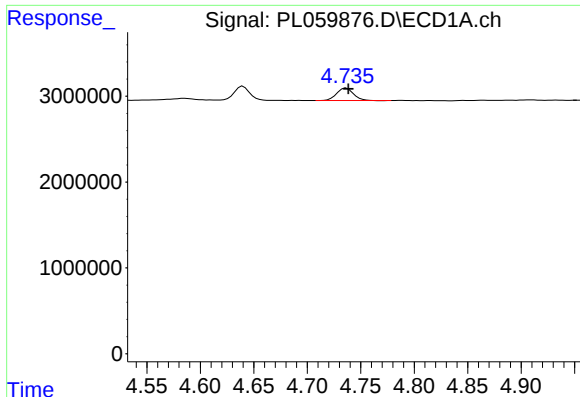
#4 Heptachlor

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 2013371
Conc: 0.90 ng/ml



#4 Heptachlor

R.T.: 5.197 min
Delta R.T.: -0.002 min
Response: 4112146
Conc: 1.22 ng/ml



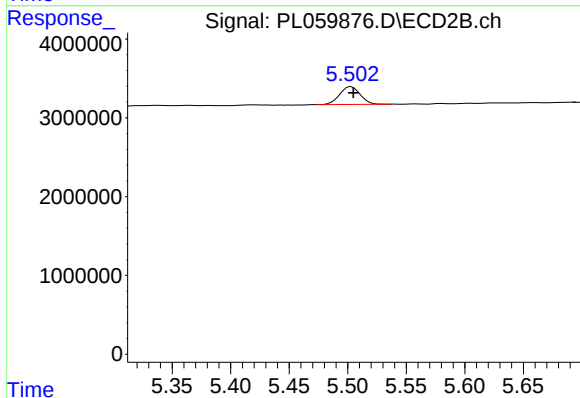
#5 Aldrin

R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 1592997
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2020

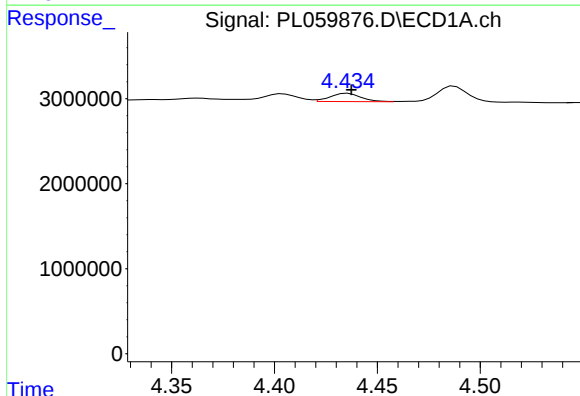
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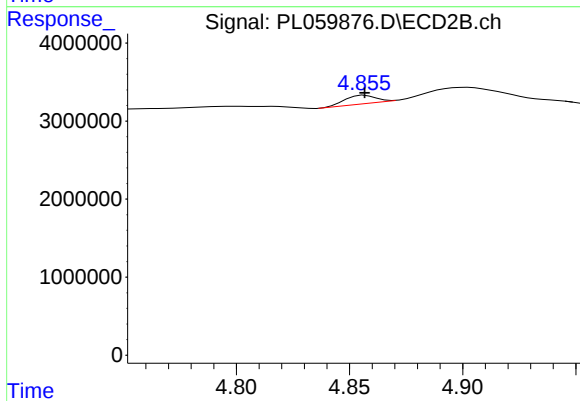
#5 Aldrin

R.T.: 5.502 min
Delta R.T.: -0.003 min
Response: 2752399
Conc: 0.88 ng/ml m



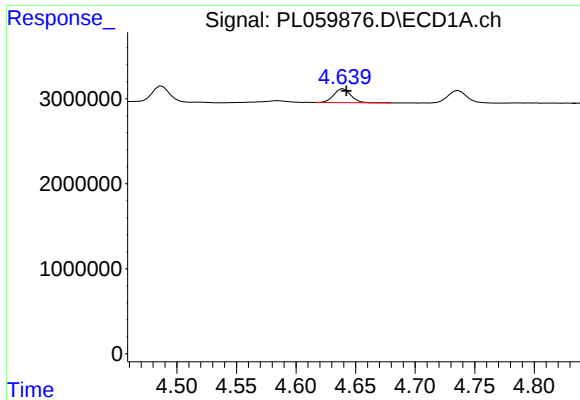
#6 beta-BHC

R.T.: 4.436 min
Delta R.T.: -0.002 min
Response: 1020553
Conc: 1.00 ng/ml



#6 beta-BHC

R.T.: 4.855 min
Delta R.T.: -0.001 min
Response: 1074864
Conc: 0.71 ng/ml m



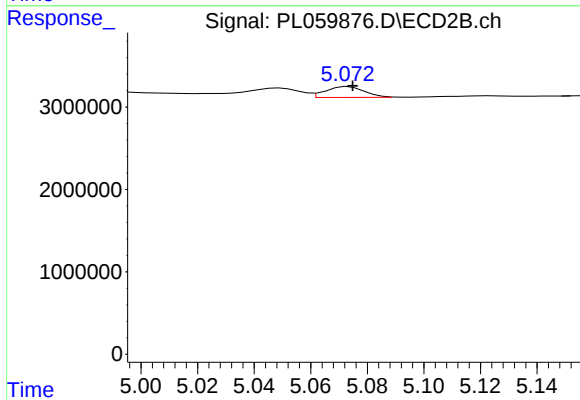
#7 delta-BHC

R.T.: 4.640 min
Delta R.T.: -0.002 min
Response: 1624098
Conc: 0.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2020

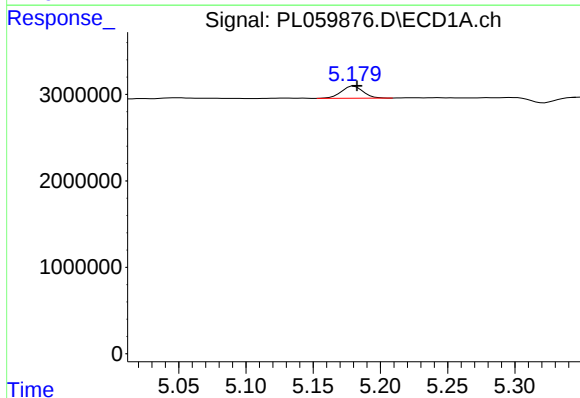
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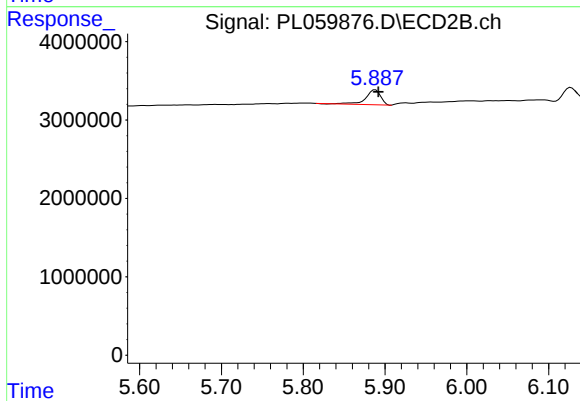
#7 delta-BHC

R.T.: 5.072 min
Delta R.T.: -0.003 min
Response: 1211869
Conc: 0.39 ng/ml m



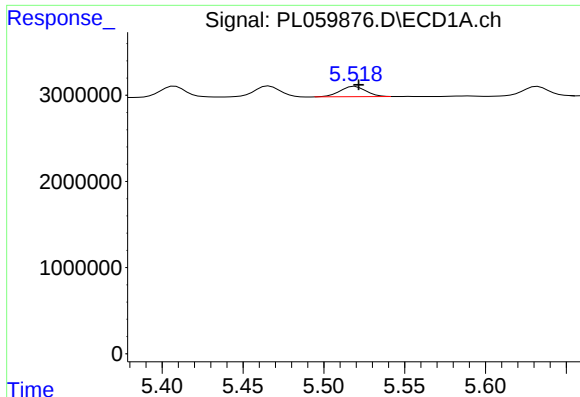
#8 Heptachlor epoxide

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 1596279
Conc: 0.87 ng/ml



#8 Heptachlor epoxide

R.T.: 5.888 min
Delta R.T.: -0.004 min
Response: 2460301
Conc: 0.91 ng/ml



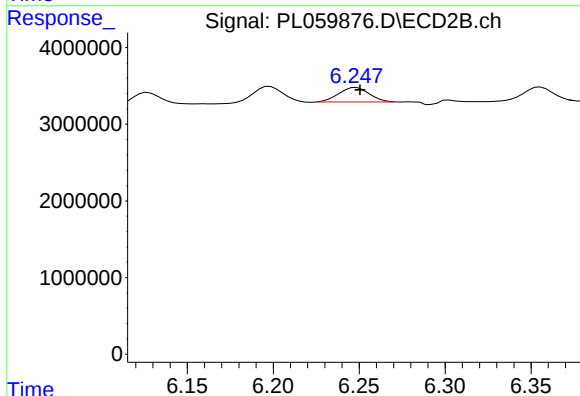
#9 Endosulfan I

R.T.: 5.518 min
Delta R.T.: -0.004 min
Response: 1343218
Conc: 0.80 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2020

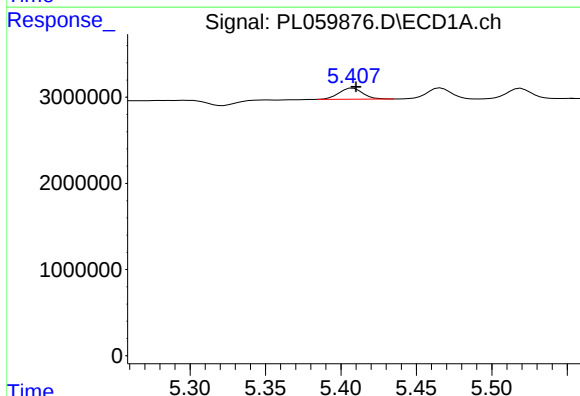
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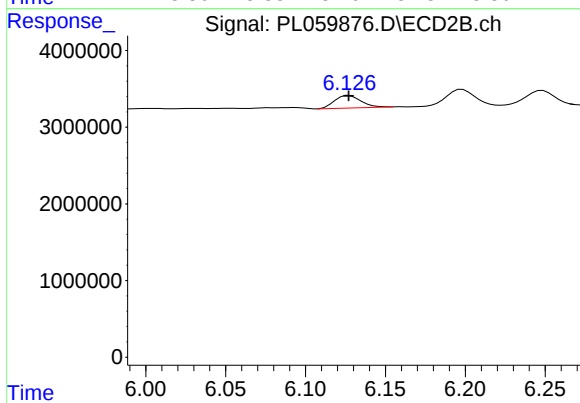
#9 Endosulfan I

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 2317914
Conc: 0.87 ng/ml m



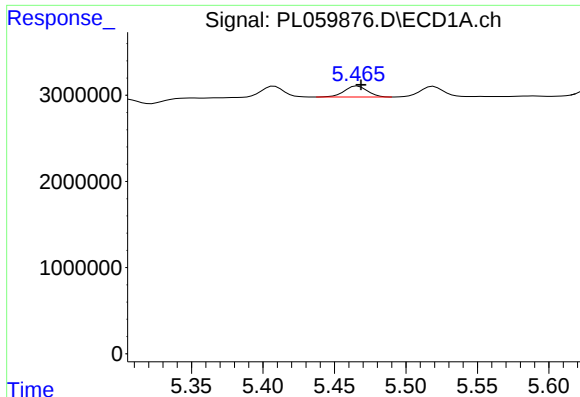
#10 gamma-Chlordane

R.T.: 5.407 min
Delta R.T.: -0.003 min
Response: 1426533
Conc: 0.79 ng/ml m



#10 gamma-Chlordane

R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 1883887
Conc: 0.66 ng/ml



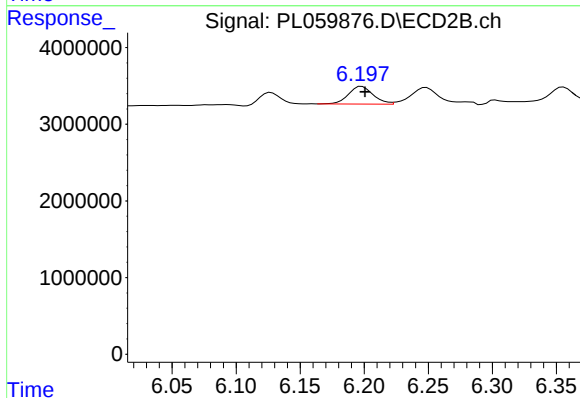
#11 alpha-Chlordane

R.T.: 5.465 min
Delta R.T.: -0.004 min
Response: 1439846
Conc: 0.80 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2020

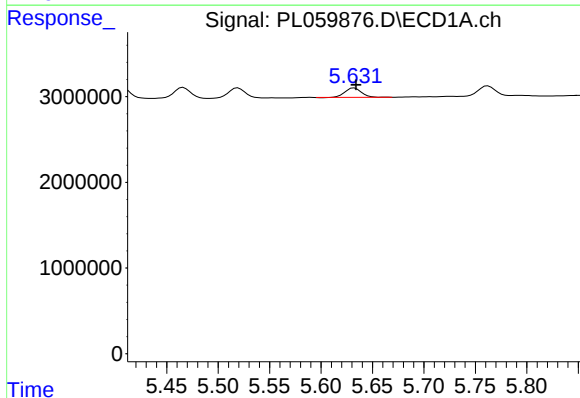
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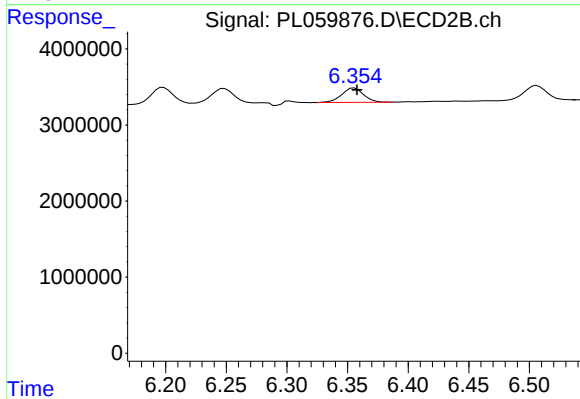
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: -0.002 min
Response: 3102481
Conc: 1.09 ng/ml



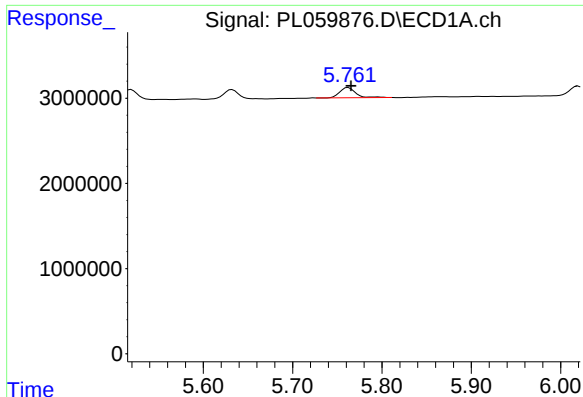
#12 4,4'-DDE

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 1238090
Conc: 0.74 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: -0.002 min
Response: 2375253
Conc: 0.89 ng/ml



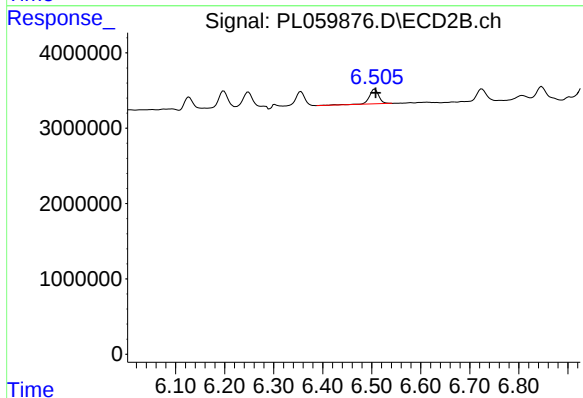
#13 Dieldrin

R.T.: 5.762 min
Delta R.T.: -0.003 min
Response: 1500508
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2020

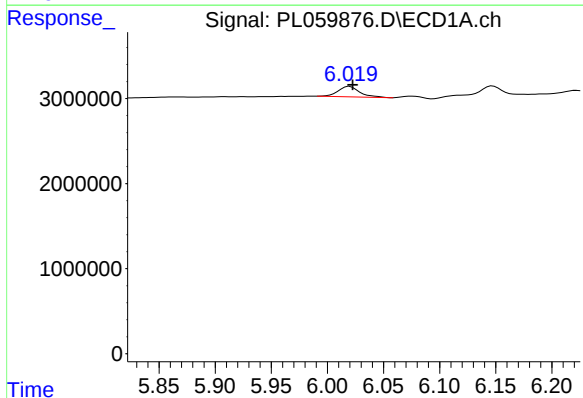
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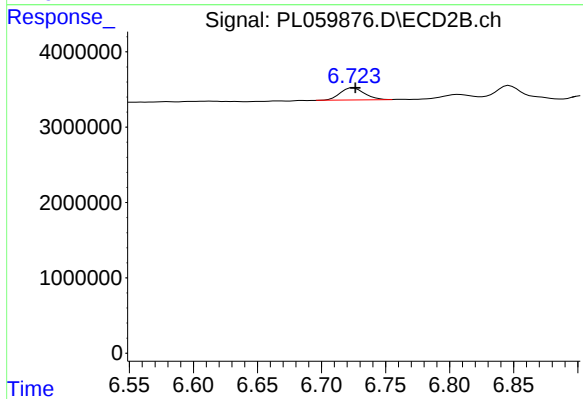
#13 Dieldrin

R.T.: 6.506 min
Delta R.T.: -0.002 min
Response: 2635142
Conc: 0.95 ng/ml



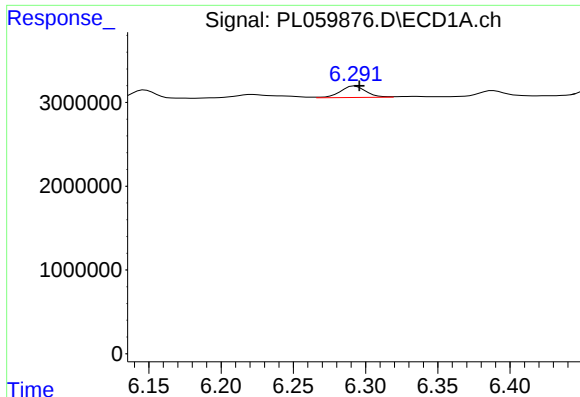
#14 Endrin

R.T.: 6.020 min
Delta R.T.: -0.003 min
Response: 1642496
Conc: 1.13 ng/ml



#14 Endrin

R.T.: 6.723 min
Delta R.T.: -0.003 min
Response: 2123504
Conc: 1.00 ng/ml m



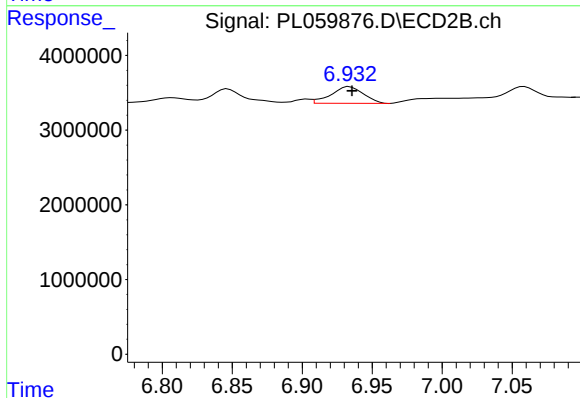
#15 Endosulfan II

R.T.: 6.293 min
Delta R.T.: -0.003 min
Response: 1687984
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2020

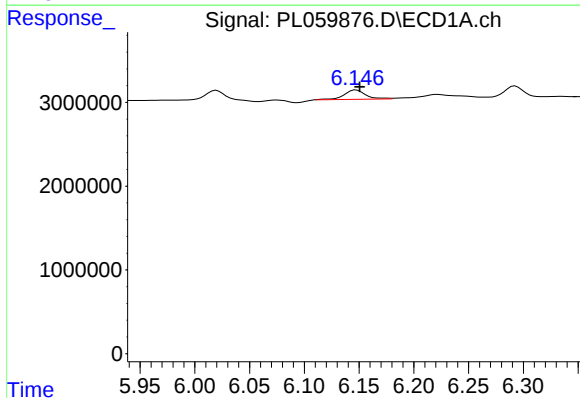
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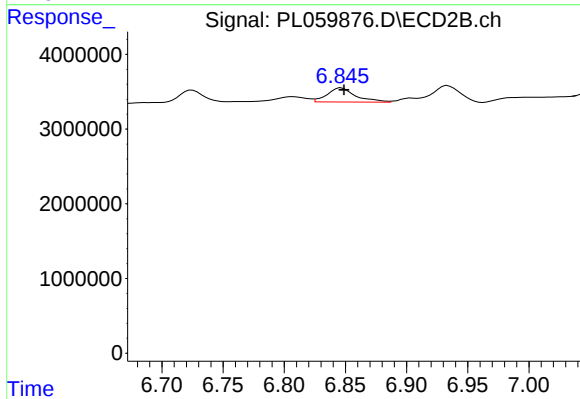
#15 Endosulfan II

R.T.: 6.934 min
Delta R.T.: -0.002 min
Response: 3594327
Conc: 1.43 ng/ml



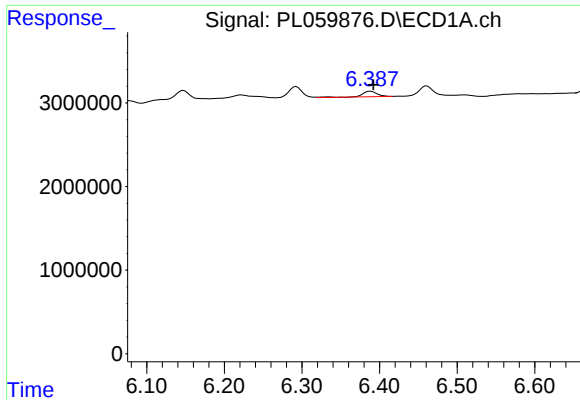
#16 4,4'-DDD

R.T.: 6.147 min
Delta R.T.: -0.003 min
Response: 1528029
Conc: 1.00 ng/ml



#16 4,4'-DDD

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 3063013
Conc: 1.33 ng/ml



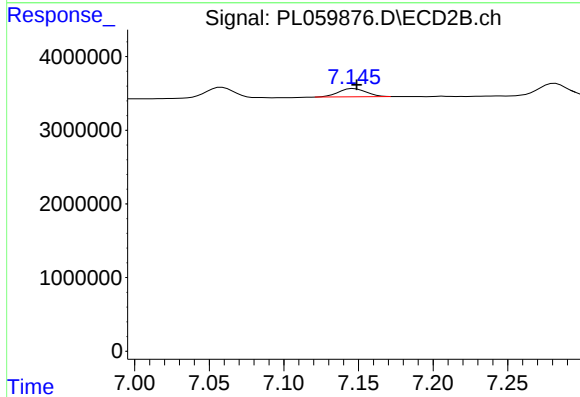
#17 4,4'-DDT

R.T.: 6.388 min
Delta R.T.: -0.004 min
Response: 921563
Conc: 0.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2020

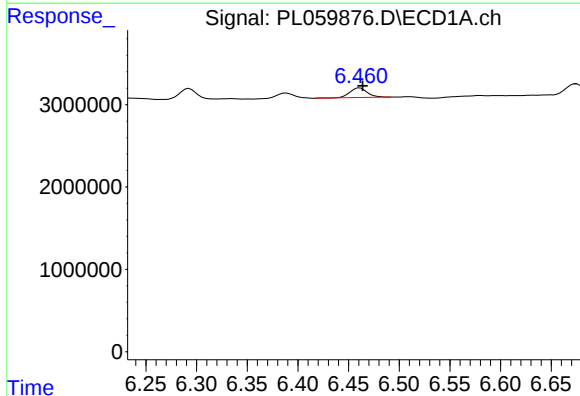
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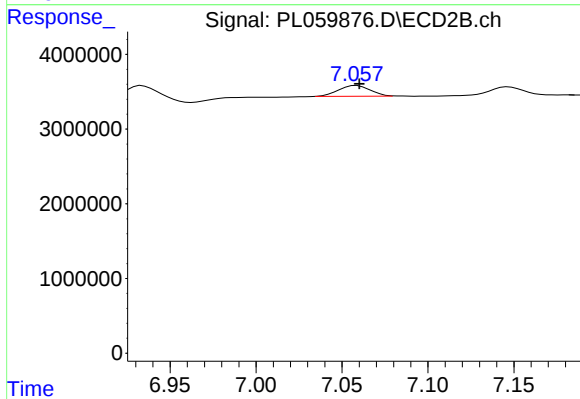
#17 4,4'-DDT

R.T.: 7.145 min
Delta R.T.: -0.004 min
Response: 1460954
Conc: 0.74 ng/ml m



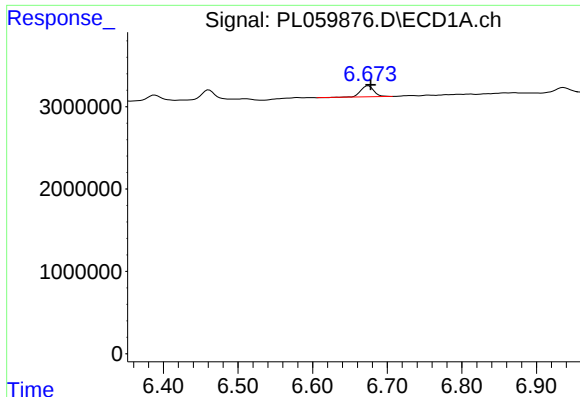
#18 Endrin aldehyde

R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 1416310
Conc: 0.99 ng/ml



#18 Endrin aldehyde

R.T.: 7.057 min
Delta R.T.: -0.003 min
Response: 1852205
Conc: 0.85 ng/ml m



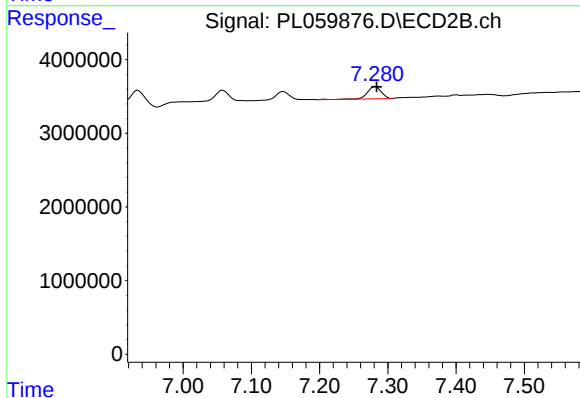
#19 Endosulfan Sulfate

R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 1650875
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2020

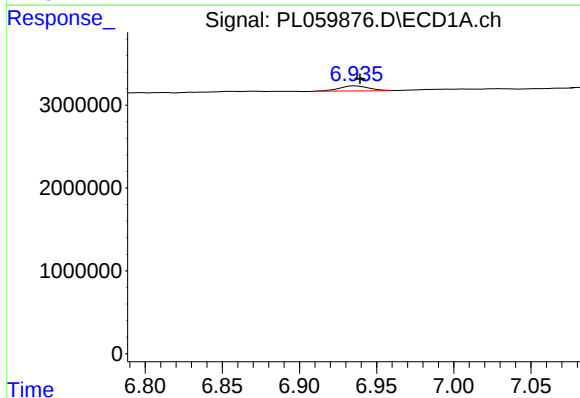
Manual Integrations
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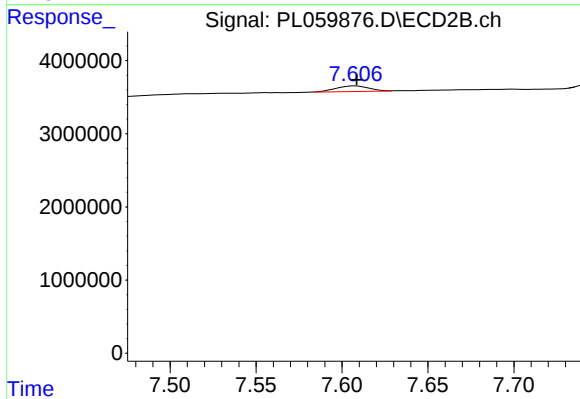
#19 Endosulfan Sulfate

R.T.: 7.282 min
Delta R.T.: -0.002 min
Response: 2368437
Conc: 1.01 ng/ml



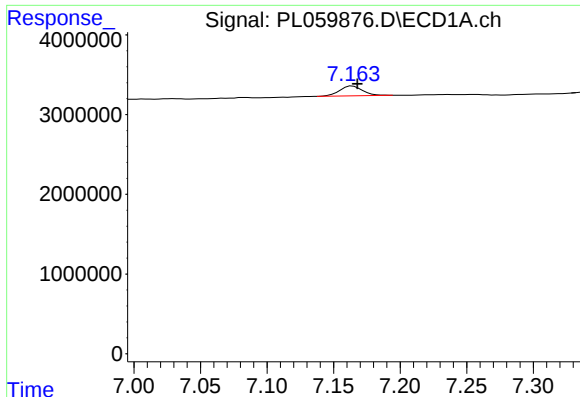
#20 Methoxychlor

R.T.: 6.935 min
Delta R.T.: -0.004 min
Response: 817218
Conc: 1.09 ng/ml m



#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 1032744
Conc: 0.91 ng/ml m



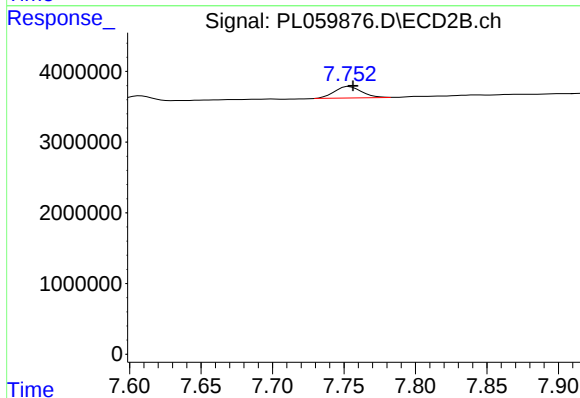
#21 Endrin ketone

R.T.: 7.164 min
Delta R.T.: -0.004 min
Response: 1473514
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2020

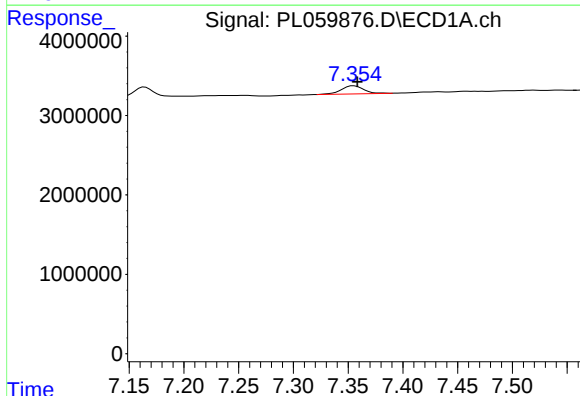
Manual Integrations
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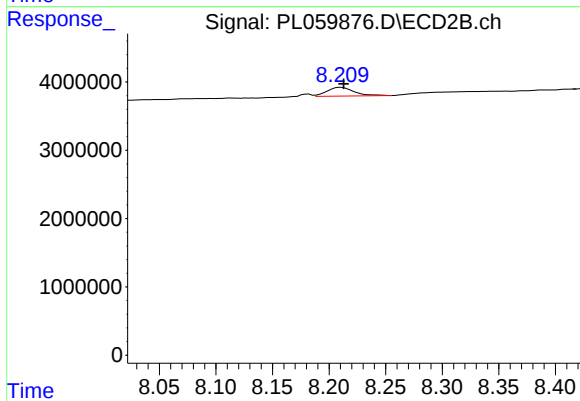
#21 Endrin ketone

R.T.: 7.752 min
Delta R.T.: -0.004 min
Response: 2165616
Conc: 0.84 ng/ml m



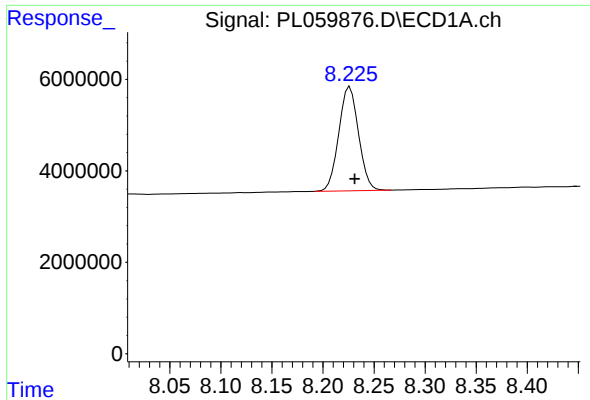
#22 Mirex

R.T.: 7.355 min
Delta R.T.: -0.003 min
Response: 1448982
Conc: 1.02 ng/ml



#22 Mirex

R.T.: 8.211 min
Delta R.T.: -0.002 min
Response: 2120524
Conc: 1.15 ng/ml



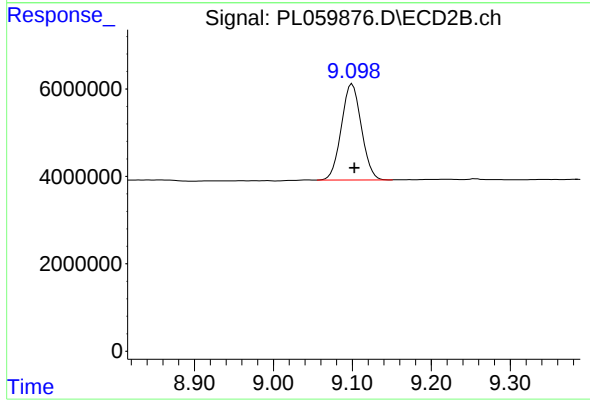
#28 Decachlorobiphenyl

R.T.: 8.226 min
Delta R.T.: -0.005 min
Response: 30665704
Conc: 18.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2020

Manual Integrations
APPROVED

Ankita
7/15/2020 11:13:17 AM



#28 Decachlorobiphenyl

R.T.: 9.100 min
Delta R.T.: -0.003 min
Response: 38722323
Conc: 18.52 ng/ml