

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040319\
 Data File : PL046949.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 13:06
 Operator : AJ\SJ
 Sample : K1560-03
 Misc : PEST MDL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Manual Integrations
 APPROVED

Sohil
 4/4/2019 5:19:42 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 01:26:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 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...	3.360	3.978	139.0E6	44876856	19.102	19.600
28)	SA Decachlor...	8.039	9.034	181.9E6	52583691	21.625	22.680
Target Compounds							
2)	A alpha-BHC	3.789	4.367	17416200	2283652	1.493	0.711 #
3)	MA gamma-BHC...	4.066	4.650	8082768	2191837	0.752	0.732m
4)	MA Heptachlor	4.354	5.159	8932955	3695917	0.810	1.202 #
5)	MB Aldrin	4.593	5.462	7854508	2389982	0.761	0.834
6)	B beta-BHC	4.318	4.827	3355480	1196421	0.745m	0.902m
7)	B delta-BHC	4.515	5.042	6457553	693385	0.638	0.299m#
8)	B Heptachlo...	5.031	5.844	8132586	1340914	0.834	0.508m#
9)	A Endosulfan I	5.363	6.206	7656007	2517925	0.814	0.965
10)	B gamma-Chl...	5.254	6.084	8760263	2824996	0.853	0.995
11)	B alpha-Chl...	5.310	6.156	8771293	2821712	0.865	0.995
12)	B 4,4'-DDE	5.477	6.314	7063383	2074694	0.767	0.836
13)	MA Dieldrin	5.602	6.462	7869433	2451723	0.784	0.904
14)	MA Endrin	5.855	6.680	8484561	1992907	0.901	0.834
15)	B Endosulfa...	6.129	6.890	7684534	2862123	0.858m	1.186 #
16)	A 4,4'-DDD	5.988	6.804	6264679	1942360	0.829	0.965
17)	MA 4,4'-DDT	6.224	7.102	6310825	1908195	0.833	0.910
18)	B Endrin al...	6.297	7.013	6624208	2142111	0.884	1.009m
19)	B Endosulfa...	6.509	7.236	7720524	2860043	0.940	1.212 #
20)	A Methoxychlor	6.767	7.559	3407141	1285530	0.802m	1.008m#
21)	B Endrin ke...	6.992	7.706	7438234	2296282	0.804	0.924
22)	Mirex	7.168	8.159	8569977	2346919	1.176	1.173

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040319\
Data File : PL046949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Apr 2019 13:06
Operator : AJ\SJ
Sample : K1560-03
Misc : PEST MDL
ALS Vial : 7 Sample Multiplier: 1

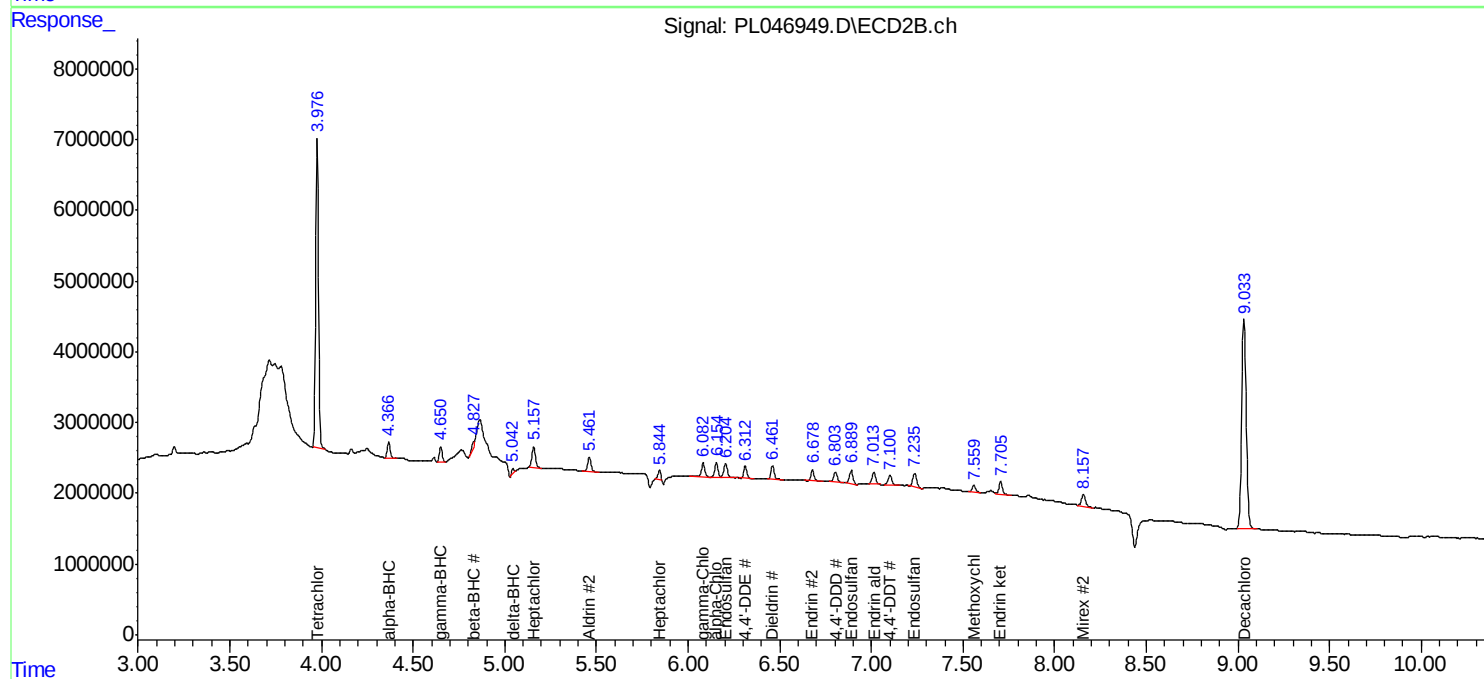
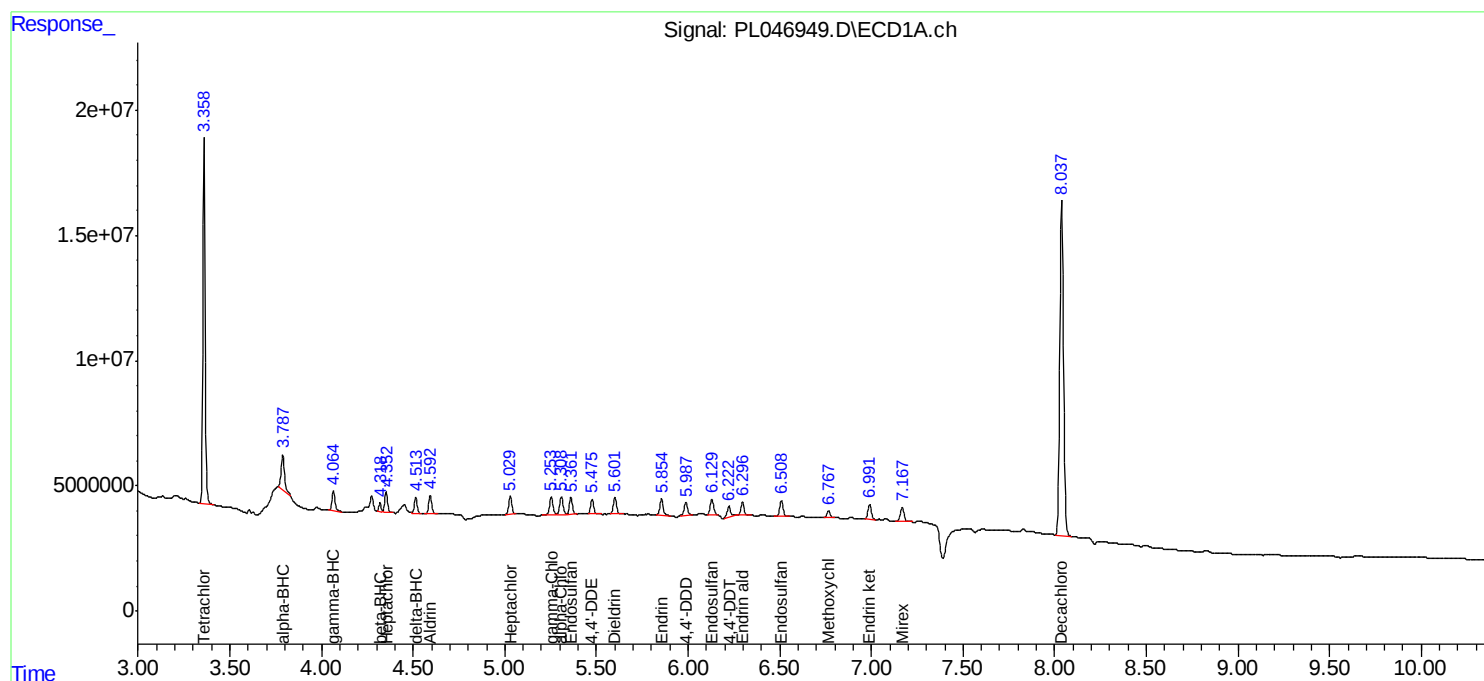
Instrument :
ECD_L
ClientSampled :
MDL-MDL-SOIL-03-QT1-2019

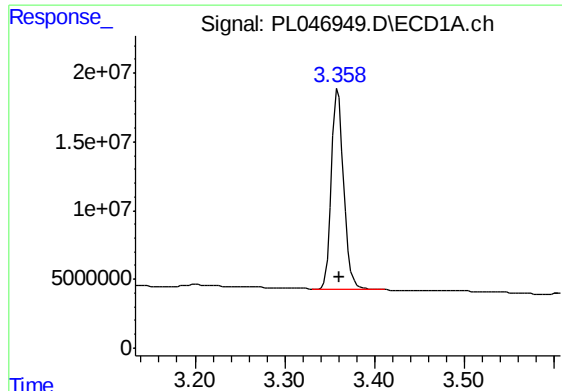
Manual Integrations
APPROVED

Sohil
4/4/2019 5:19:42 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 01:26:09 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 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





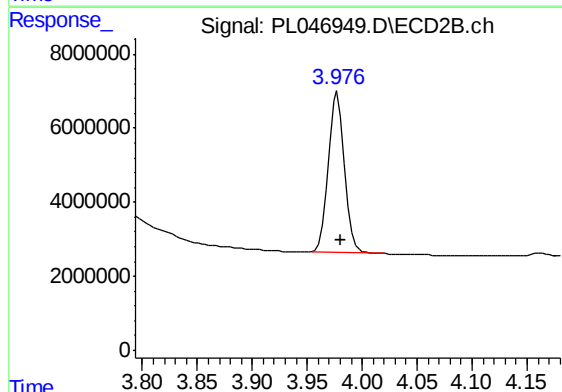
#1 Tetrachloro-m-xylene

R.T.: 3.360 min
Delta R.T.: -0.001 min
Response: 138963184
Conc: 19.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

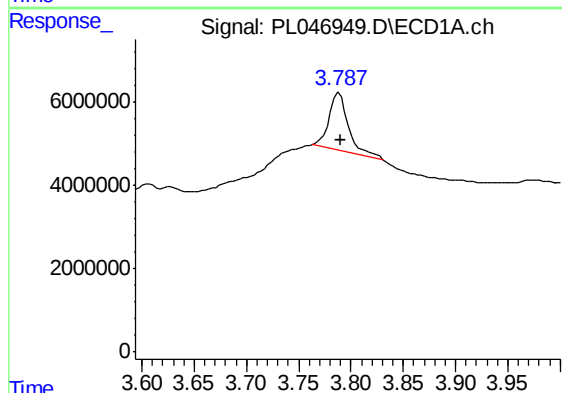
Manual Integrations
APPROVED

Sohil
4/4/2019 5:19:42 PM



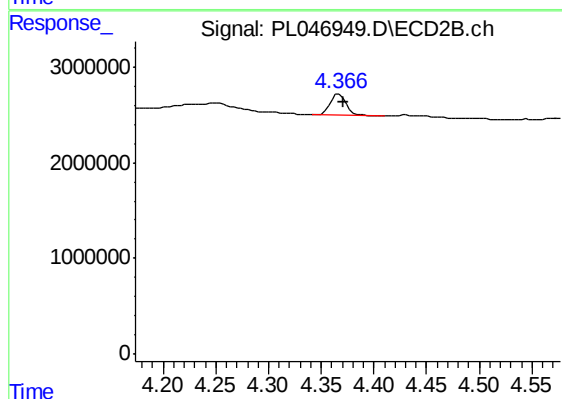
#1 Tetrachloro-m-xylene

R.T.: 3.978 min
Delta R.T.: -0.003 min
Response: 44876856
Conc: 19.60 ng/ml



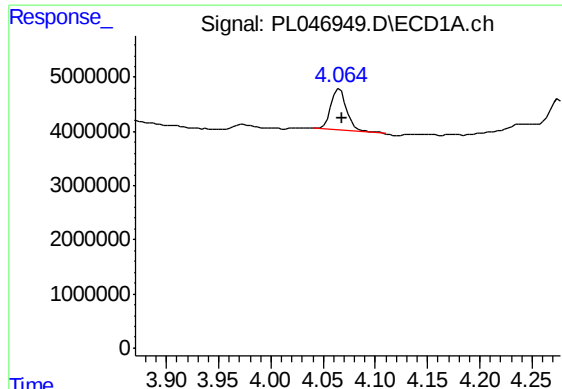
#2 alpha-BHC

R.T.: 3.789 min
Delta R.T.: -0.002 min
Response: 17416200
Conc: 1.49 ng/ml



#2 alpha-BHC

R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 2283652
Conc: 0.71 ng/ml



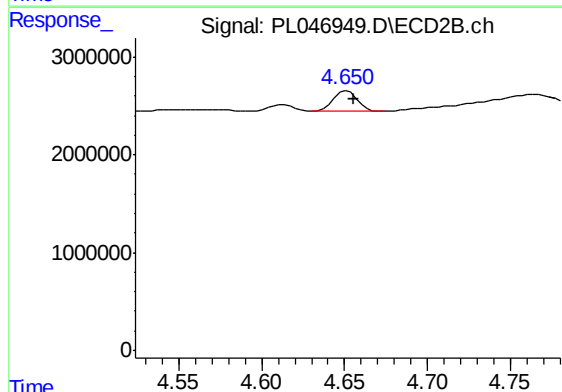
#3 gamma-BHC (Lindane)

R.T.: 4.066 min
Delta R.T.: -0.002 min
Response: 8082768
Conc: 0.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

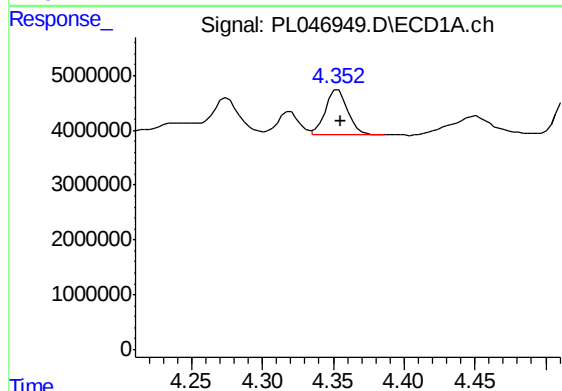
Manual Integrations
APPROVED

Sohil
4/4/2019 5:19:42 PM



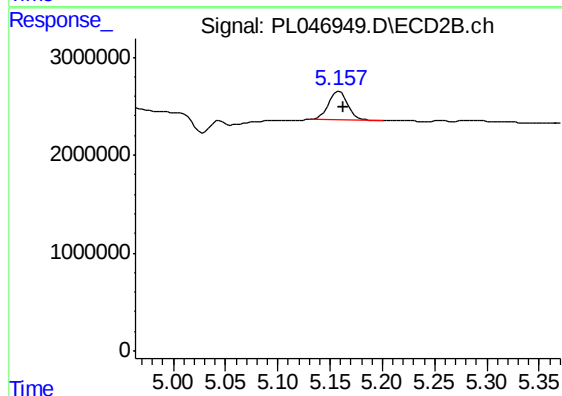
#3 gamma-BHC (Lindane)

R.T.: 4.650 min
Delta R.T.: -0.005 min
Response: 2191837
Conc: 0.73 ng/ml m



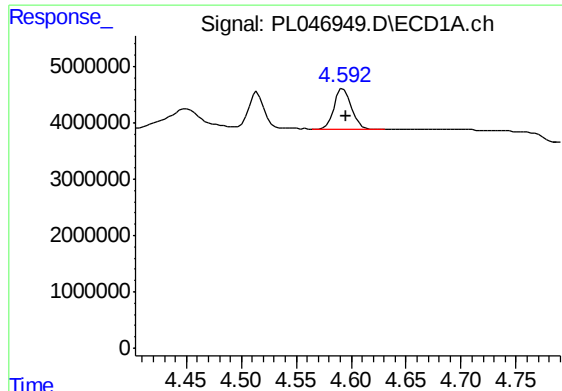
#4 Heptachlor

R.T.: 4.354 min
Delta R.T.: -0.002 min
Response: 8932955
Conc: 0.81 ng/ml



#4 Heptachlor

R.T.: 5.159 min
Delta R.T.: -0.004 min
Response: 3695917
Conc: 1.20 ng/ml



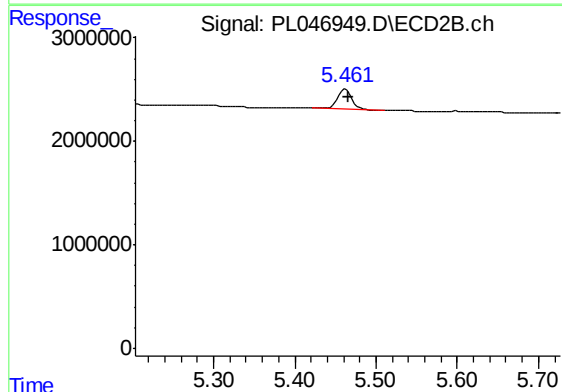
#5 Aldrin

R.T.: 4.593 min
Delta R.T.: -0.003 min
Response: 7854508
Conc: 0.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

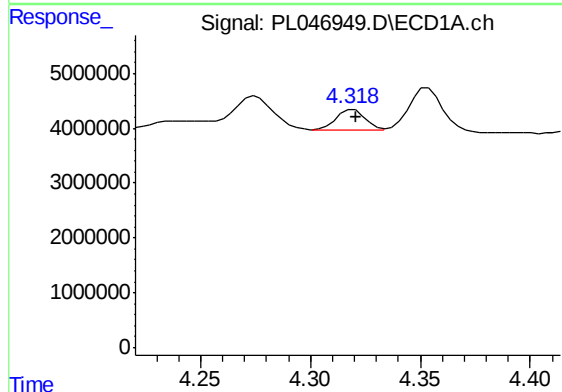
Manual Integrations
APPROVED

Sohil
4/4/2019 5:19:42 PM



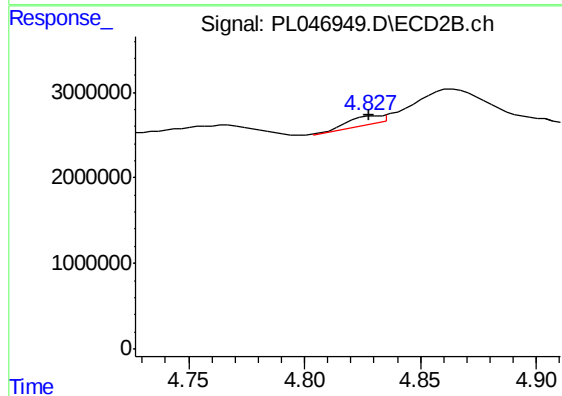
#5 Aldrin

R.T.: 5.462 min
Delta R.T.: -0.004 min
Response: 2389982
Conc: 0.83 ng/ml



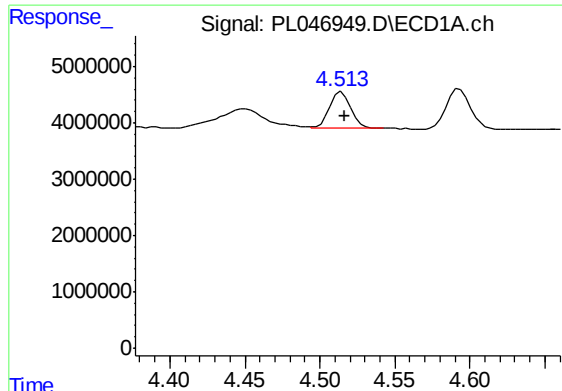
#6 beta-BHC

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 3355480
Conc: 0.75 ng/ml m



#6 beta-BHC

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 1196421
Conc: 0.90 ng/ml m



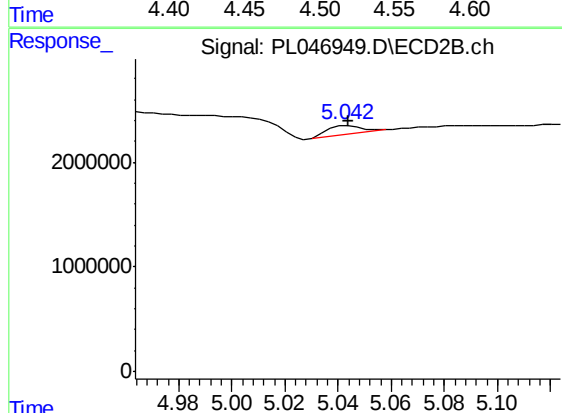
#7 delta-BHC

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 6457553
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

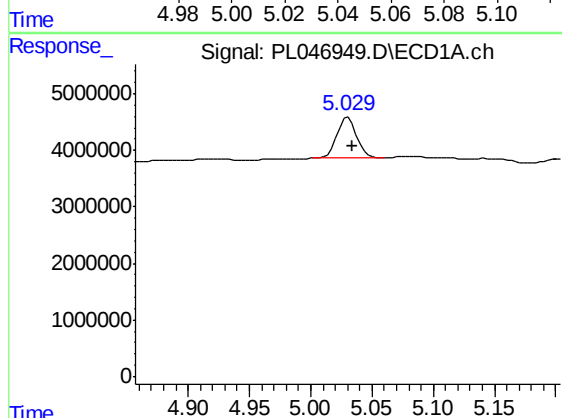
Manual Integrations
APPROVED

Sohil
4/4/2019 5:19:42 PM



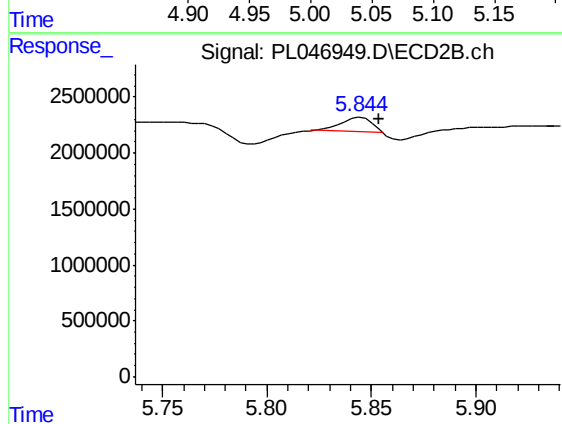
#7 delta-BHC

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 693385
Conc: 0.30 ng/ml m



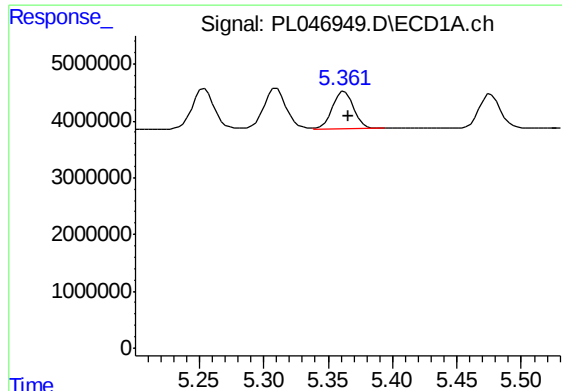
#8 Heptachlor epoxide

R.T.: 5.031 min
Delta R.T.: -0.003 min
Response: 8132586
Conc: 0.83 ng/ml



#8 Heptachlor epoxide

R.T.: 5.844 min
Delta R.T.: -0.010 min
Response: 1340914
Conc: 0.51 ng/ml m



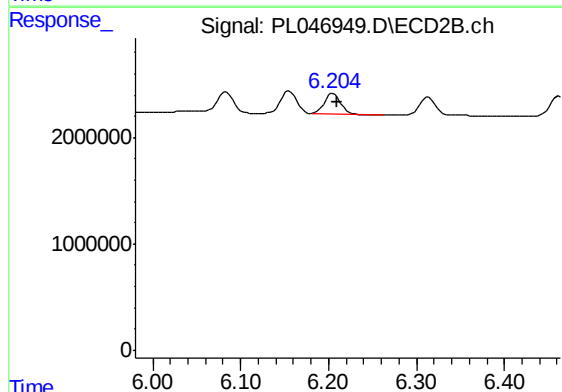
#9 Endosulfan I

R.T.: 5.363 min
Delta R.T.: -0.004 min
Response: 7656007
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

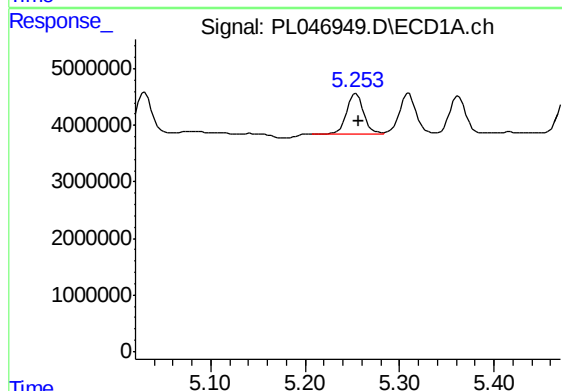
Manual Integrations
APPROVED

Sohil
4/4/2019 5:19:42 PM



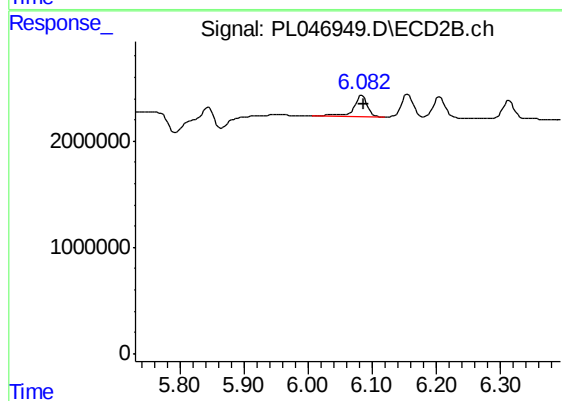
#9 Endosulfan I

R.T.: 6.206 min
Delta R.T.: -0.005 min
Response: 2517925
Conc: 0.96 ng/ml



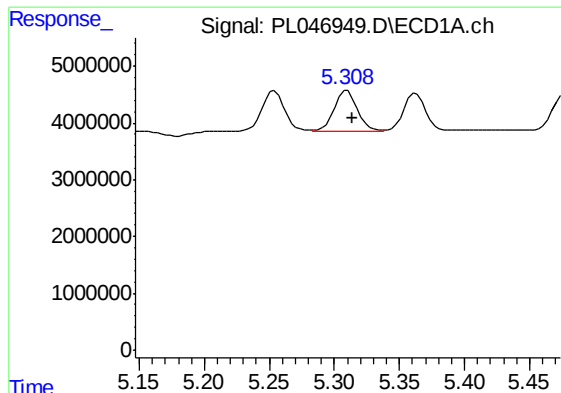
#10 gamma-Chlordane

R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 8760263
Conc: 0.85 ng/ml



#10 gamma-Chlordane

R.T.: 6.084 min
Delta R.T.: -0.004 min
Response: 2824996
Conc: 1.00 ng/ml



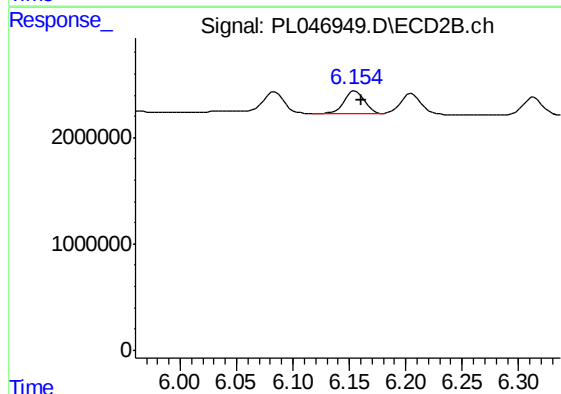
#11 alpha-Chlordane

R.T.: 5.310 min
Delta R.T.: -0.004 min
Response: 8771293
Conc: 0.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

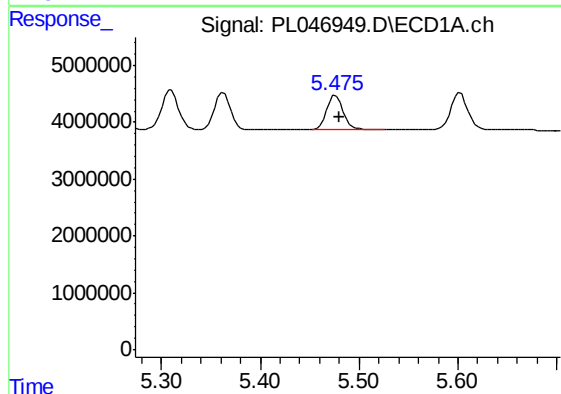
Manual Integrations
APPROVED

Sohil
4/4/2019 5:19:42 PM



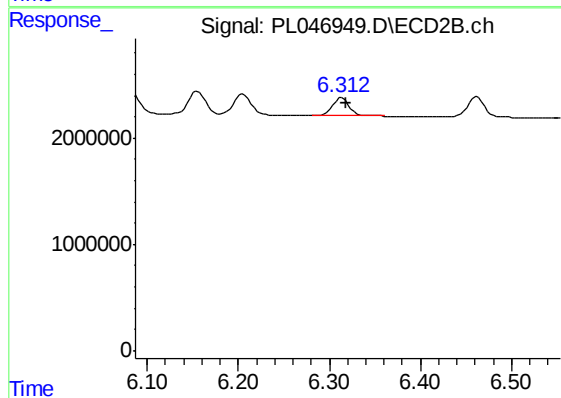
#11 alpha-Chlordane

R.T.: 6.156 min
Delta R.T.: -0.005 min
Response: 2821712
Conc: 0.99 ng/ml



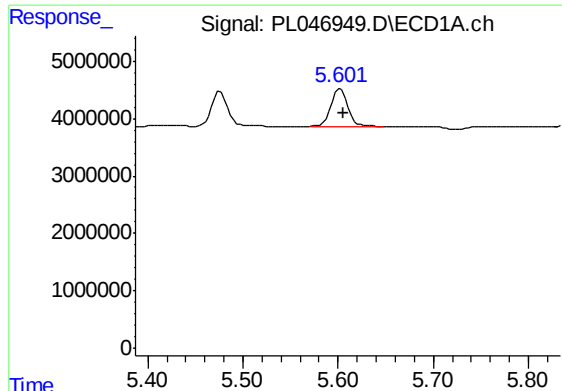
#12 4,4'-DDE

R.T.: 5.477 min
Delta R.T.: -0.004 min
Response: 7063383
Conc: 0.77 ng/ml



#12 4,4'-DDE

R.T.: 6.314 min
Delta R.T.: -0.004 min
Response: 2074694
Conc: 0.84 ng/ml



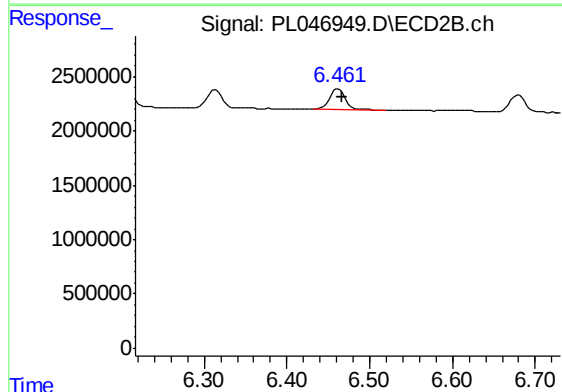
#13 Dieldrin

R.T.: 5.602 min
Delta R.T.: -0.004 min
Response: 7869433
Conc: 0.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

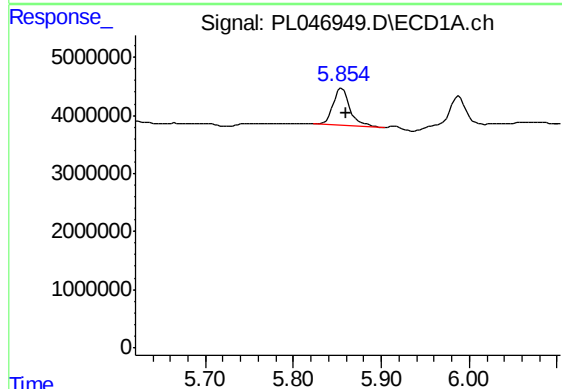
Manual Integrations
APPROVED

Sohil
4/4/2019 5:19:42 PM



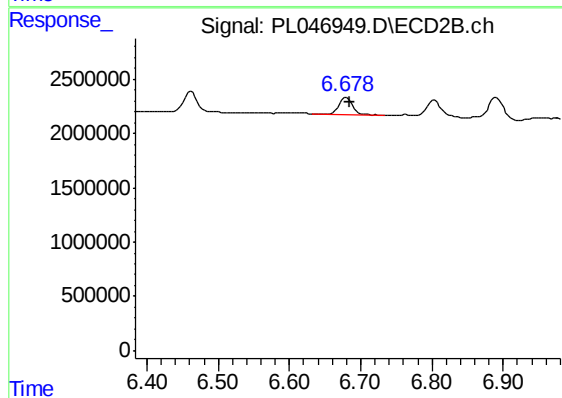
#13 Dieldrin

R.T.: 6.462 min
Delta R.T.: -0.005 min
Response: 2451723
Conc: 0.90 ng/ml



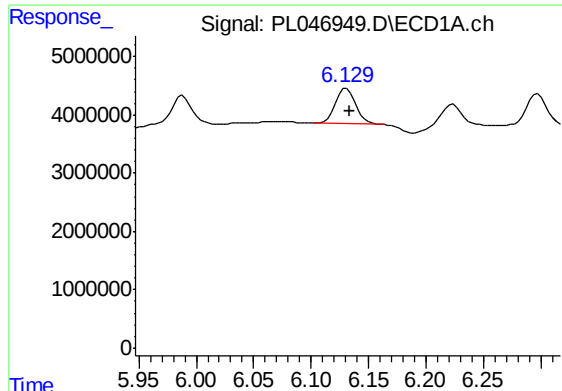
#14 Endrin

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 8484561
Conc: 0.90 ng/ml



#14 Endrin

R.T.: 6.680 min
Delta R.T.: -0.005 min
Response: 1992907
Conc: 0.83 ng/ml



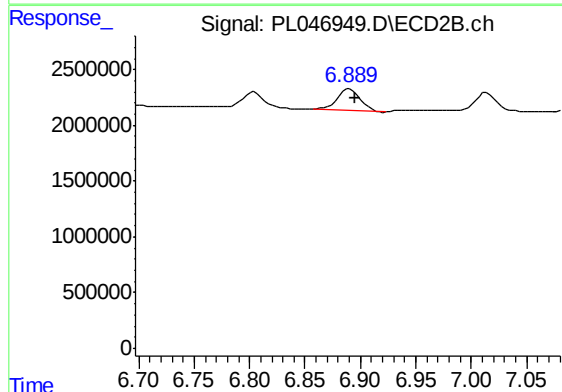
#15 Endosulfan II

R.T.: 6.129 min
Delta R.T.: -0.005 min
Response: 7684534
Conc: 0.86 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

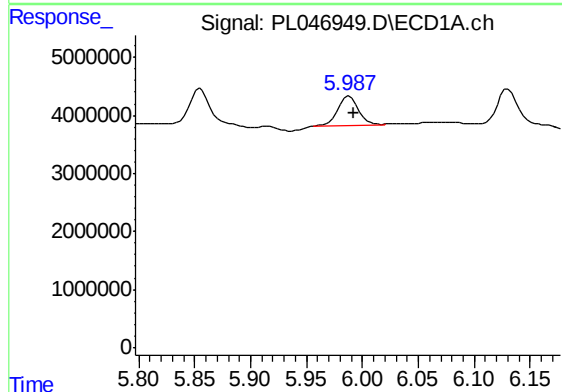
Manual Integrations
APPROVED

Sohil
4/4/2019 5:19:42 PM



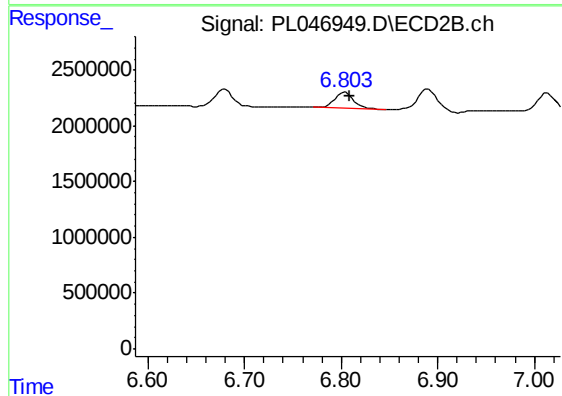
#15 Endosulfan II

R.T.: 6.890 min
Delta R.T.: -0.004 min
Response: 2862123
Conc: 1.19 ng/ml



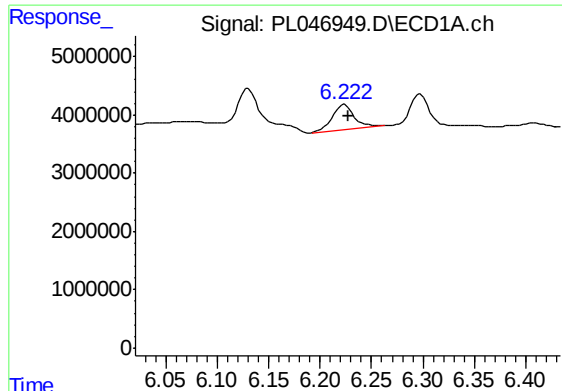
#16 4,4'-DDD

R.T.: 5.988 min
Delta R.T.: -0.004 min
Response: 6264679
Conc: 0.83 ng/ml



#16 4,4'-DDD

R.T.: 6.804 min
Delta R.T.: -0.005 min
Response: 1942360
Conc: 0.97 ng/ml



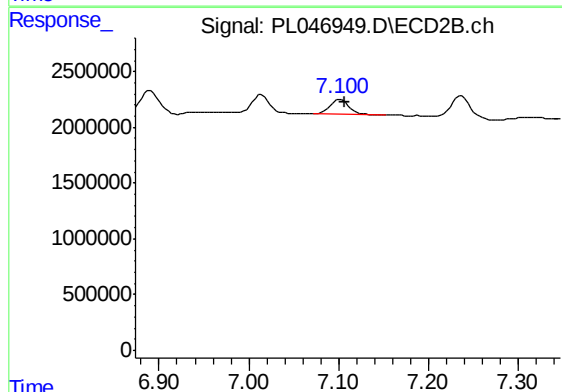
#17 4,4'-DDT

R.T.: 6.224 min
Delta R.T.: -0.004 min
Response: 6310825
Conc: 0.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

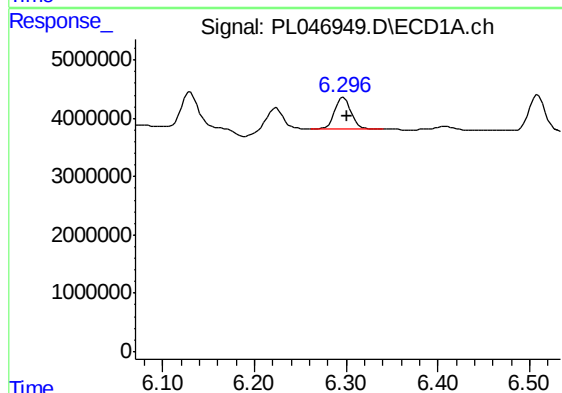
Manual Integrations
APPROVED

Sohil
4/4/2019 5:19:42 PM



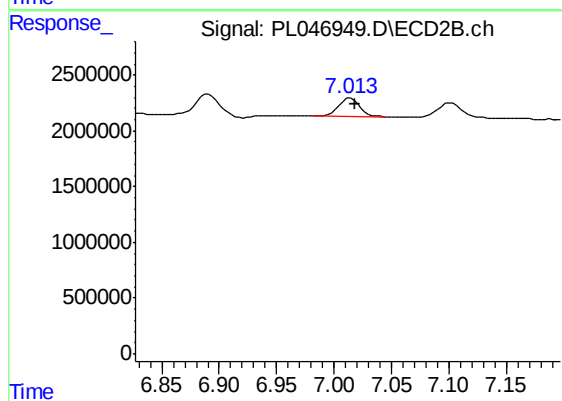
#17 4,4'-DDT

R.T.: 7.102 min
Delta R.T.: -0.005 min
Response: 1908195
Conc: 0.91 ng/ml



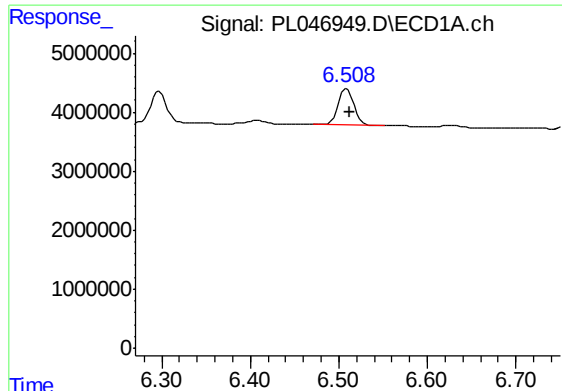
#18 Endrin aldehyde

R.T.: 6.297 min
Delta R.T.: -0.004 min
Response: 6624208
Conc: 0.88 ng/ml



#18 Endrin aldehyde

R.T.: 7.013 min
Delta R.T.: -0.006 min
Response: 2142111
Conc: 1.01 ng/ml m



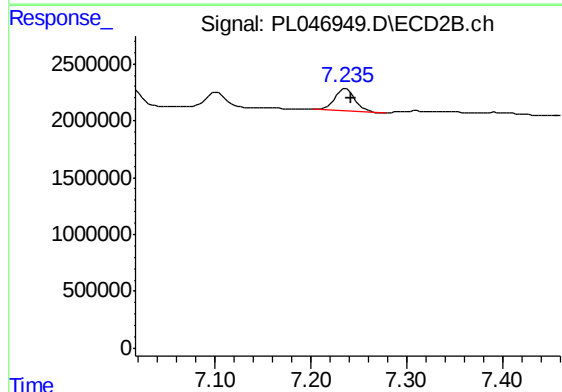
#19 Endosulfan Sulfate

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 7720524
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

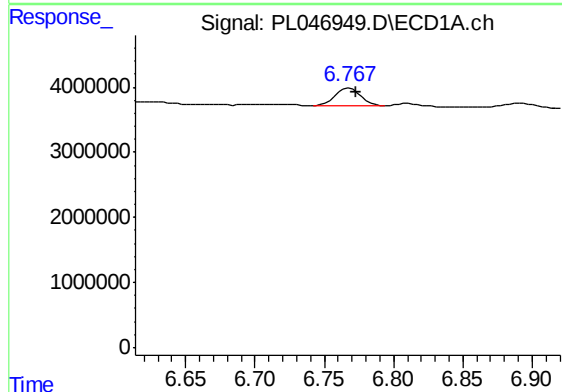
Manual Integrations
APPROVED

Sohil
4/4/2019 5:19:42 PM



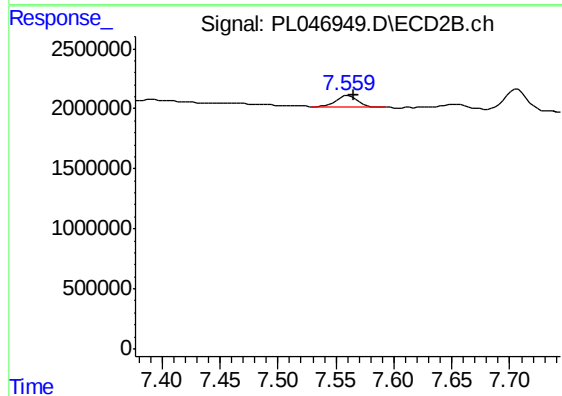
#19 Endosulfan Sulfate

R.T.: 7.236 min
Delta R.T.: -0.005 min
Response: 2860043
Conc: 1.21 ng/ml



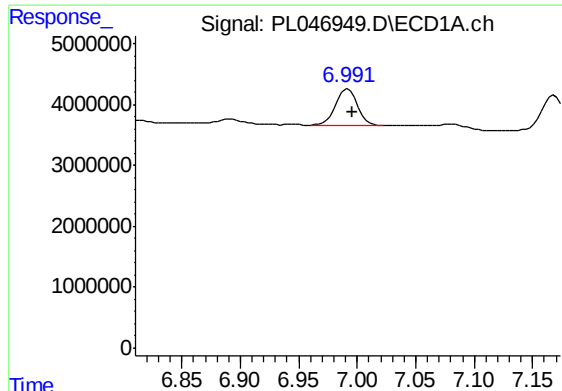
#20 Methoxychlor

R.T.: 6.767 min
Delta R.T.: -0.007 min
Response: 3407141
Conc: 0.80 ng/ml m



#20 Methoxychlor

R.T.: 7.559 min
Delta R.T.: -0.006 min
Response: 1285530
Conc: 1.01 ng/ml m



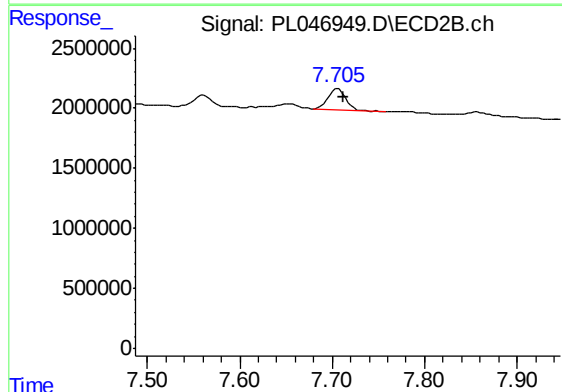
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.004 min
Response: 7438234
Conc: 0.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

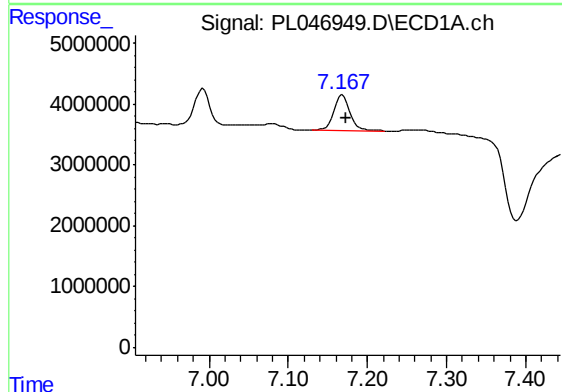
Manual Integrations
APPROVED

Sohil
4/4/2019 5:19:42 PM



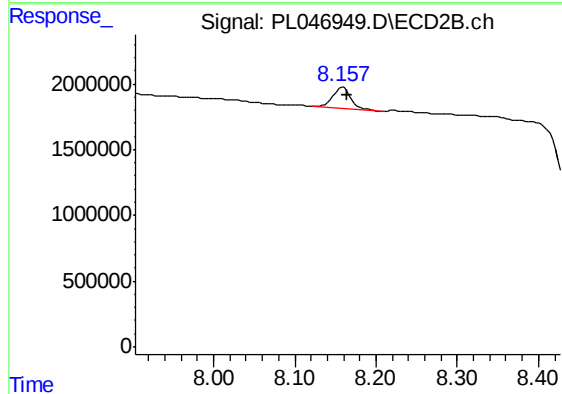
#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: -0.006 min
Response: 2296282
Conc: 0.92 ng/ml



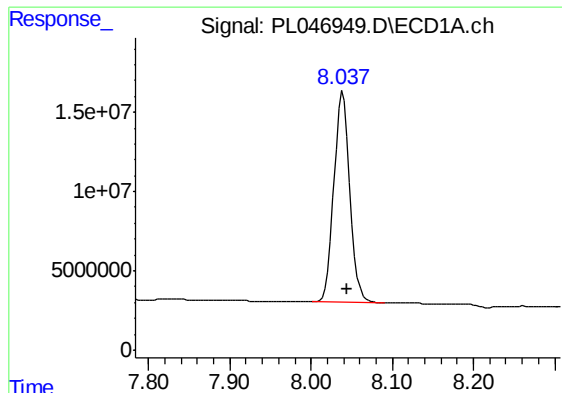
#22 Mirex

R.T.: 7.168 min
Delta R.T.: -0.005 min
Response: 8569977
Conc: 1.18 ng/ml



#22 Mirex

R.T.: 8.159 min
Delta R.T.: -0.006 min
Response: 2346919
Conc: 1.17 ng/ml



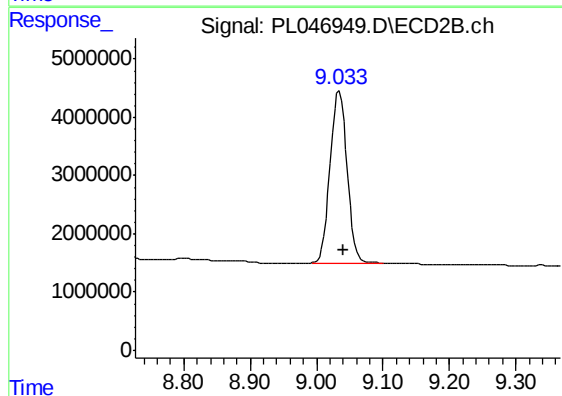
#28 Decachlorobiphenyl

R.T.: 8.039 min
Delta R.T.: -0.005 min
Response: 181887830
Conc: 21.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Manual Integrations
APPROVED

Sohil
4/4/2019 5:19:42 PM



#28 Decachlorobiphenyl

R.T.: 9.034 min
Delta R.T.: -0.006 min
Response: 52583691
Conc: 22.68 ng/ml