

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
 Data File : PD056993.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2020 09:35
 Operator : AJ\MA
 Sample : L1161-01
 Misc : LOD 1 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Manual Integrations
 APPROVED

mohammad
 1/21/2020 2:56:45 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 04:43:54 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 20 05:43:46 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.286	3.960	16355180	31917632	19.804	19.505
28)	SA Decachlor...	7.957	8.995	19578416	31870484	20.201	19.121
Target Compounds							
2)	A alpha-BHC	3.712	4.346	1312319	1955571	1.005	0.773
3)	MA gamma-BHC...	3.986	4.629	1693610	1767098	1.270m	0.723 #
4)	MA Heptachlor	4.272	5.135	1039787	2093916	0.891	0.875
5)	MB Aldrin	4.511	5.438	1090743	2163725	0.938	0.954
6)	B beta-BHC	4.237	4.799	652296	910227	1.263	0.865 #
7)	B delta-BHC	4.432	5.011	1104222	962559	0.886	0.430m#
8)	B Heptachlo...	4.947	5.820	1006808	2391242	0.938	1.101
9)	A Endosulfan I	5.278	6.177	886779	2371818	0.902	1.169 #
10)	B gamma-Chl...	5.169	6.053	1024805	2006731	0.943	0.901m
11)	B alpha-Chl...	5.226	6.127	983585	2146680	0.909	0.964m
12)	B 4,4'-DDE	5.393	6.284	923410	1622025	0.978m	0.812
13)	MA Dieldrin	5.516	6.433	887658	2004048	0.833m	0.936
14)	MA Endrin	5.771	6.649	832801	1550725	0.937	0.901
15)	B Endosulfa...	6.043	6.858	872566	1935921	0.900m	1.015
16)	A 4,4'-DDD	5.904	6.772	669320	1452060	0.798m	0.863
17)	MA 4,4'-DDT	6.140	7.070	248972	1108313	0.346m	0.720 #
18)	B Endrin al...	6.213	6.981	2181166	1748261	2.579	1.060 #
19)	B Endosulfa...	6.423	7.204	902617	1889309	0.985	1.032
20)	A Methoxychlor	6.690	7.525	515870	680309	1.315	0.771m#
21)	B Endrin ke...	6.908	7.673	845631	1854992	0.769m	0.903
22)	Mirex	7.083	8.126	1689901	1524486	2.011	1.041 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
Data File : PD056993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2020 09:35
Operator : AJ\MA
Sample : L1161-01
Misc : LOD 1 PPB
ALS Vial : 7 Sample Multiplier: 1

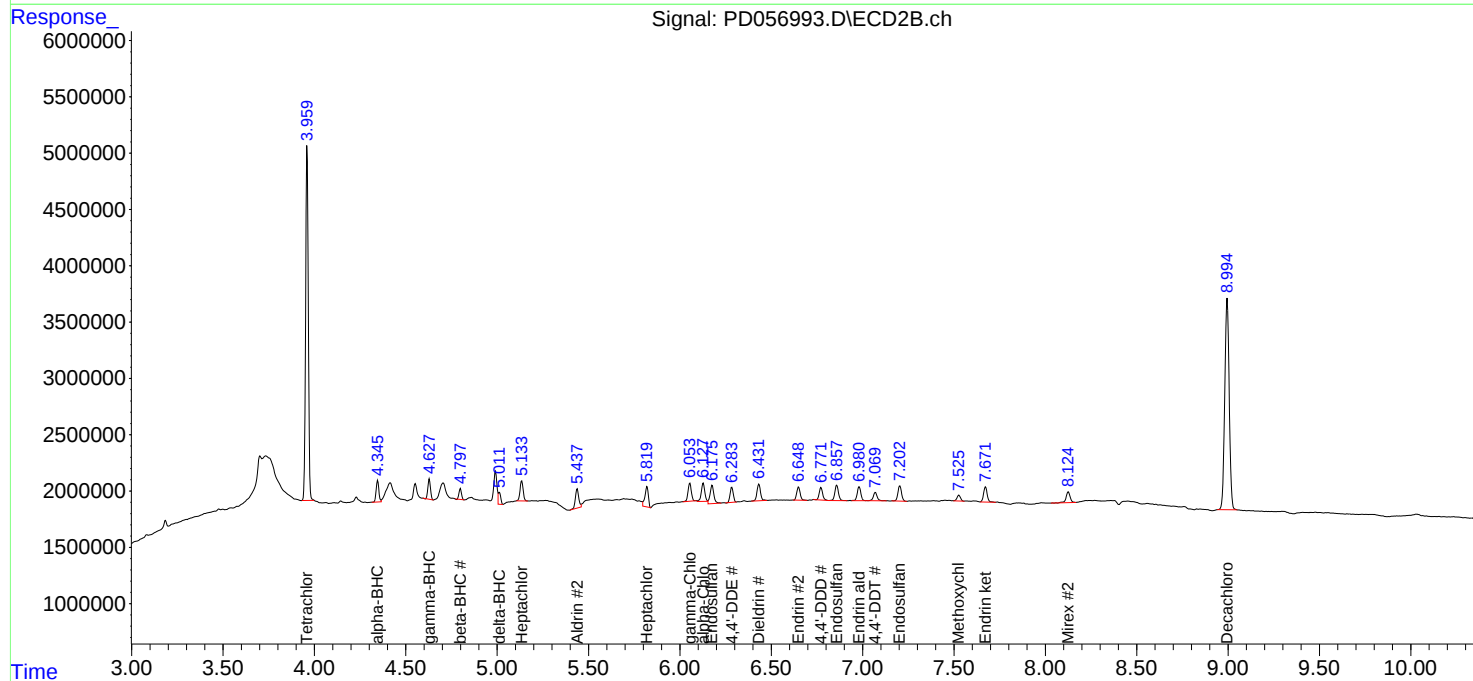
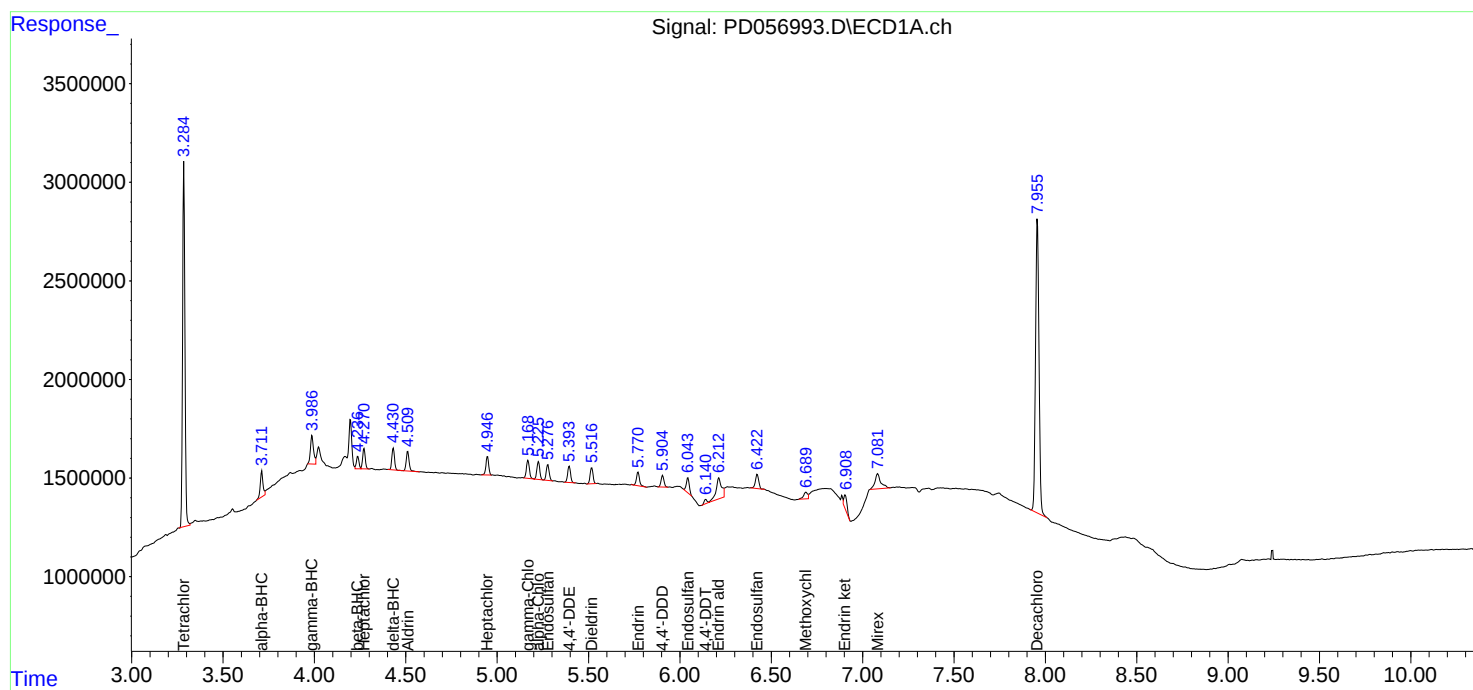
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

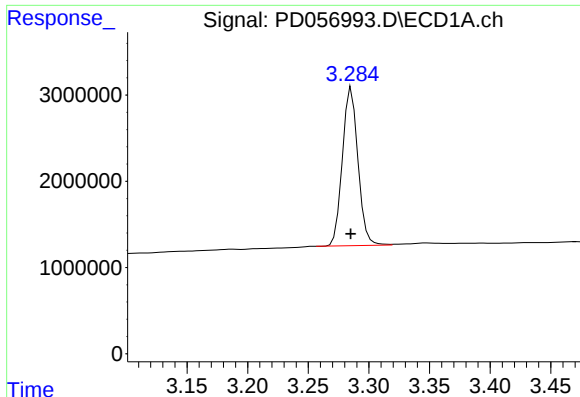
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:45 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 04:43:54 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
Quant Title : GC Extractables
QLast Update : Mon Jan 20 05:43:46 2020
Response via : Initial Calibration
Integrator: ChemStation

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





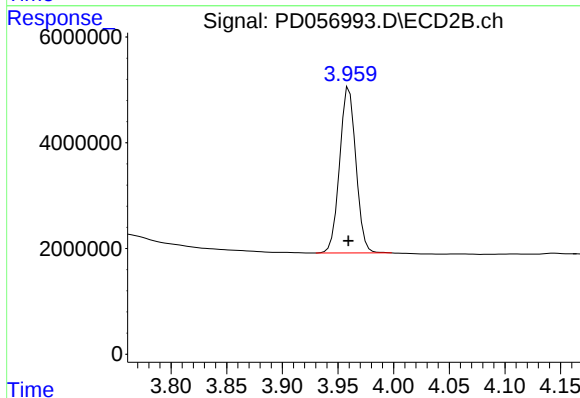
#1 Tetrachloro-m-xylene

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 16355180
Conc: 19.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

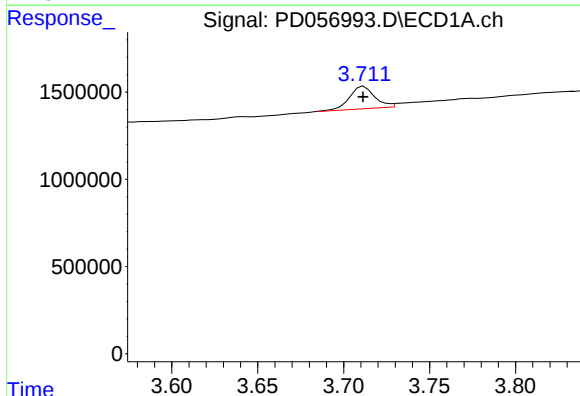
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:45 PM



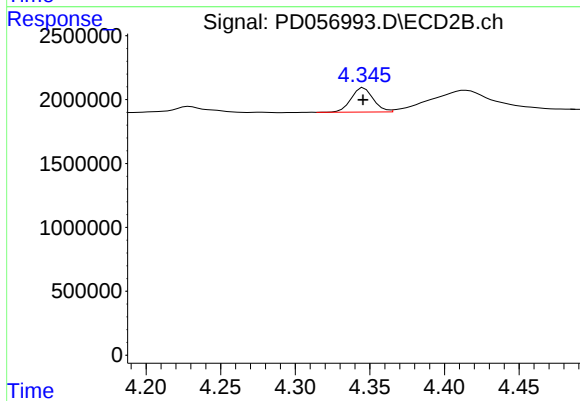
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 31917632
Conc: 19.51 ng/ml



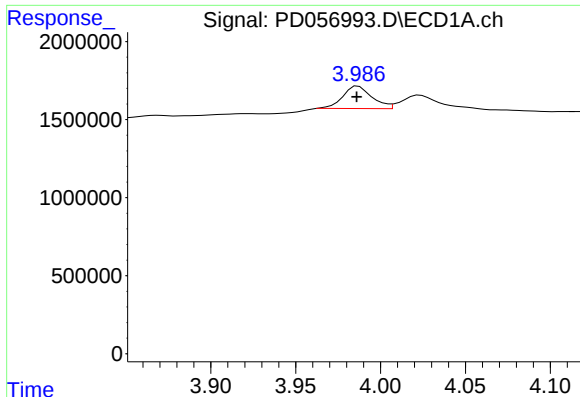
#2 alpha-BHC

R.T.: 3.712 min
Delta R.T.: 0.000 min
Response: 1312319
Conc: 1.00 ng/ml



#2 alpha-BHC

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 1955571
Conc: 0.77 ng/ml



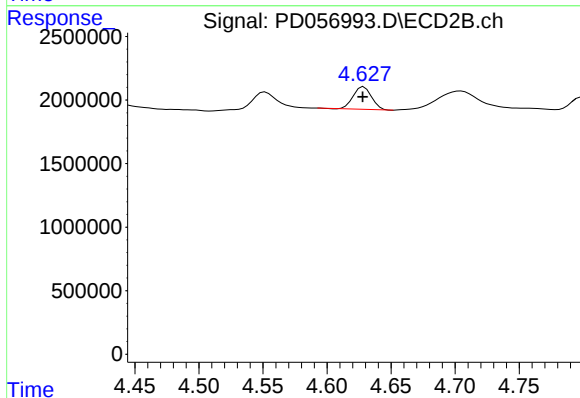
#3 gamma-BHC (Lindane)

R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 1693610
Conc: 1.27 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

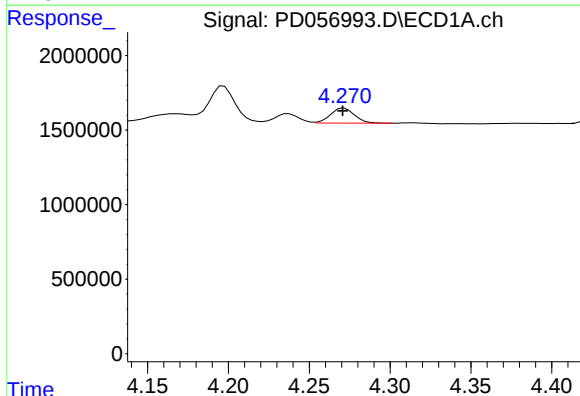
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:45 PM



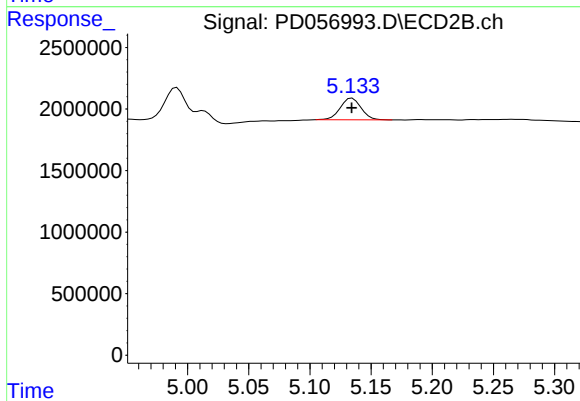
#3 gamma-BHC (Lindane)

R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 1767098
Conc: 0.72 ng/ml



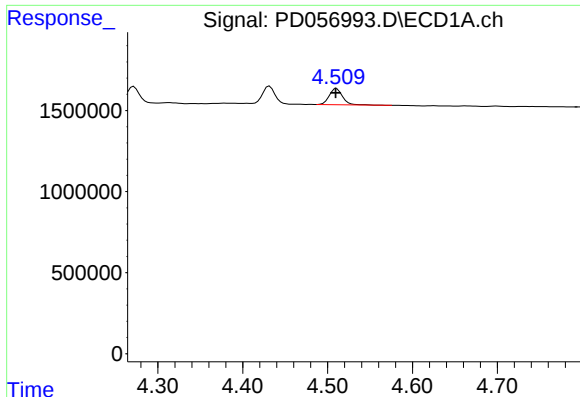
#4 Heptachlor

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 1039787
Conc: 0.89 ng/ml



#4 Heptachlor

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 2093916
Conc: 0.88 ng/ml



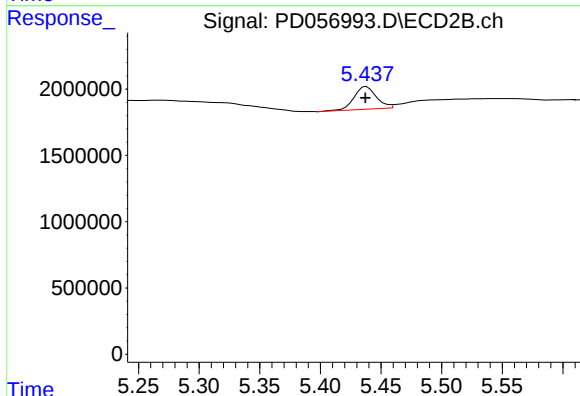
#5 Aldrin

R.T.: 4.511 min
Delta R.T.: 0.001 min
Response: 1090743
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

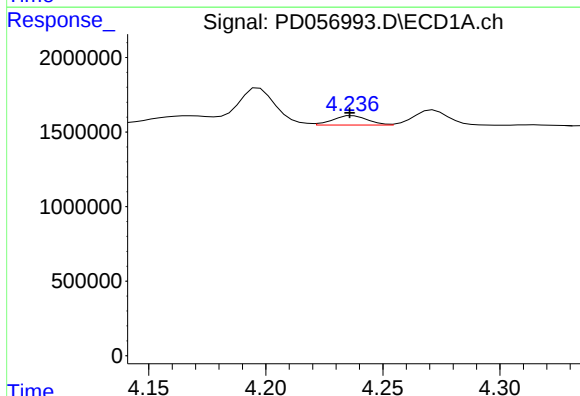
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:45 PM



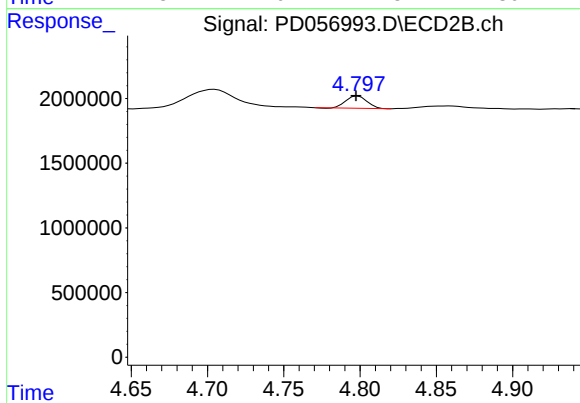
#5 Aldrin

R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 2163725
Conc: 0.95 ng/ml



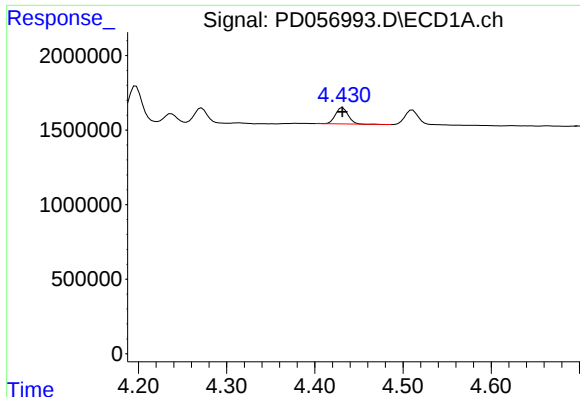
#6 beta-BHC

R.T.: 4.237 min
Delta R.T.: 0.001 min
Response: 652296
Conc: 1.26 ng/ml



#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: 0.001 min
Response: 910227
Conc: 0.87 ng/ml



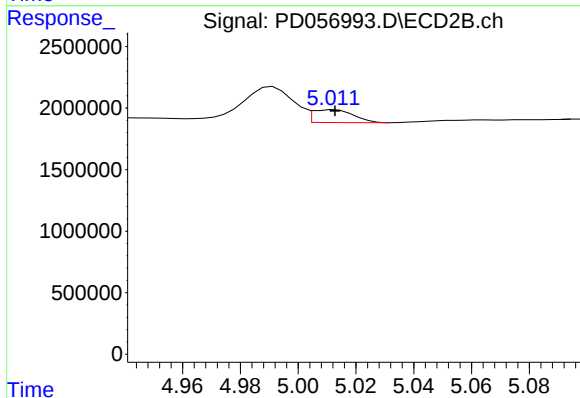
#7 delta-BHC

R.T.: 4.432 min
Delta R.T.: 0.000 min
Response: 1104222
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

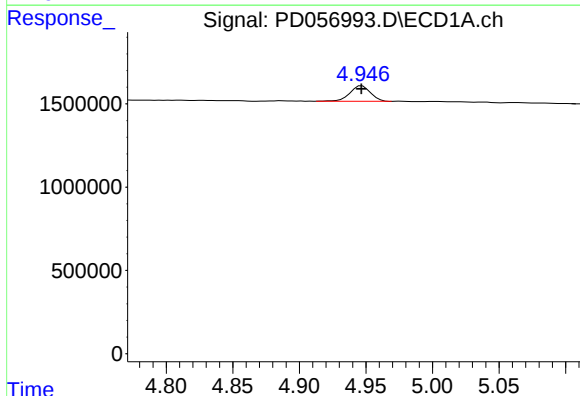
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:45 PM



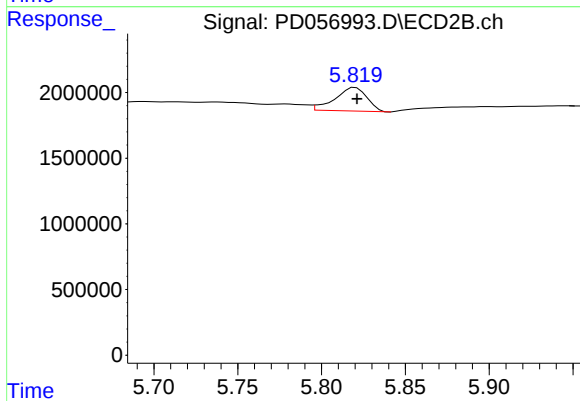
#7 delta-BHC

R.T.: 5.011 min
Delta R.T.: -0.001 min
Response: 962559
Conc: 0.43 ng/ml m



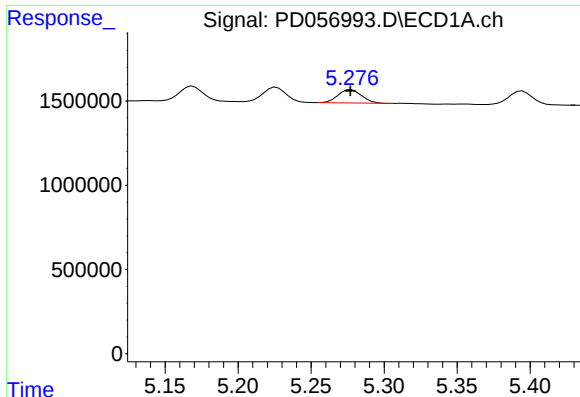
#8 Heptachlor epoxide

R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 1006808
Conc: 0.94 ng/ml



#8 Heptachlor epoxide

R.T.: 5.820 min
Delta R.T.: -0.001 min
Response: 2391242
Conc: 1.10 ng/ml



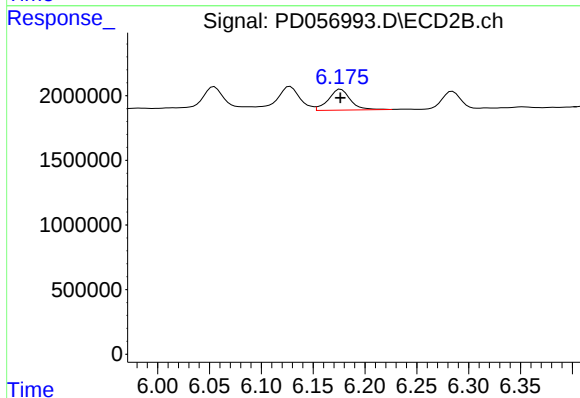
#9 Endosulfan I

R.T.: 5.278 min
Delta R.T.: 0.000 min
Response: 886779
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

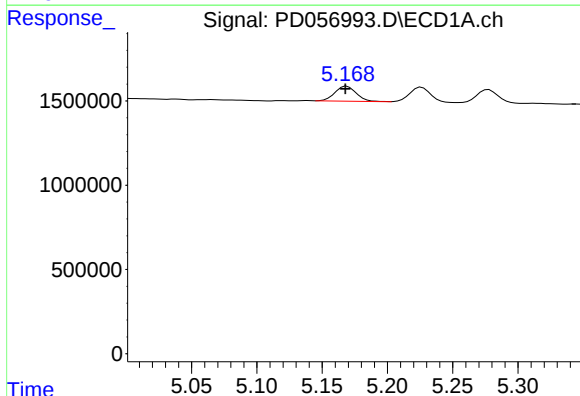
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:45 PM



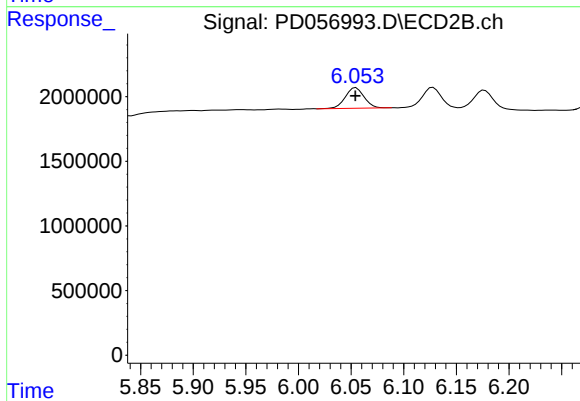
#9 Endosulfan I

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 2371818
Conc: 1.17 ng/ml



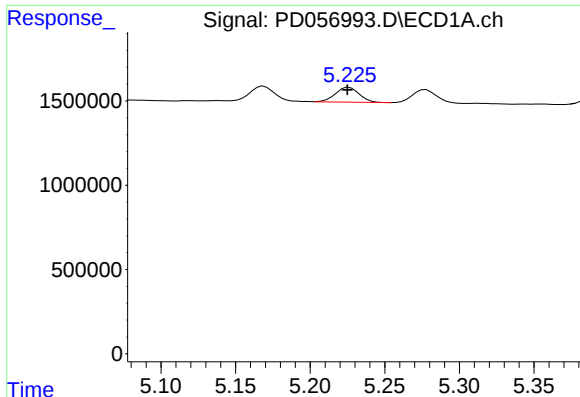
#10 gamma-Chlordane

R.T.: 5.169 min
Delta R.T.: 0.001 min
Response: 1024805
Conc: 0.94 ng/ml



#10 gamma-Chlordane

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 2006731
Conc: 0.90 ng/ml m



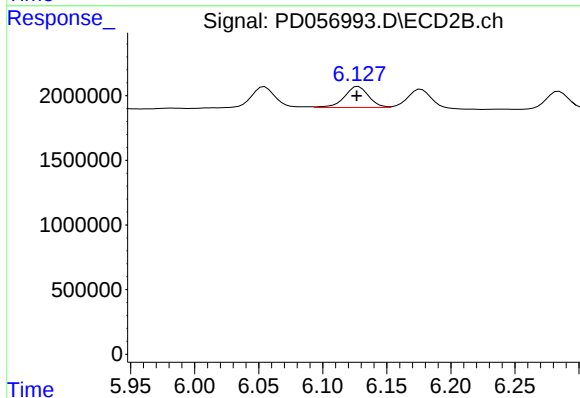
#11 alpha-Chlordane

R.T.: 5.226 min
Delta R.T.: 0.001 min
Response: 983585
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

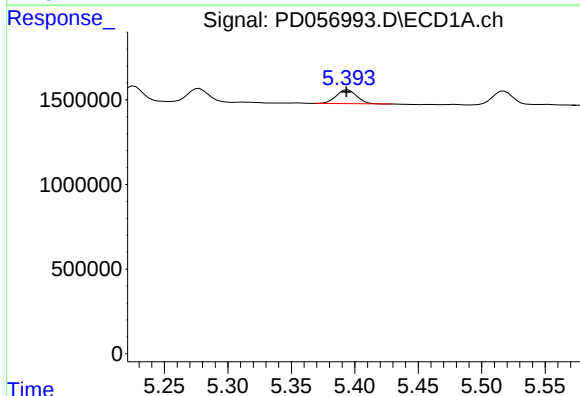
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:45 PM



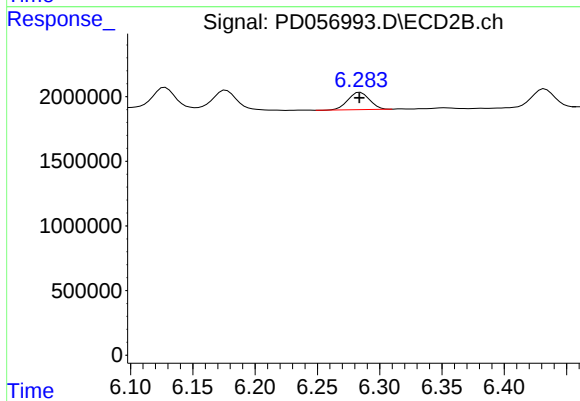
#11 alpha-Chlordane

R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 2146680
Conc: 0.96 ng/ml m



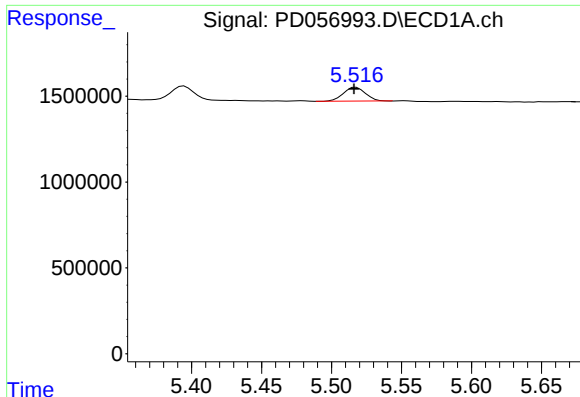
#12 4,4'-DDE

R.T.: 5.393 min
Delta R.T.: 0.000 min
Response: 923410
Conc: 0.98 ng/ml m



#12 4,4'-DDE

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 1622025
Conc: 0.81 ng/ml



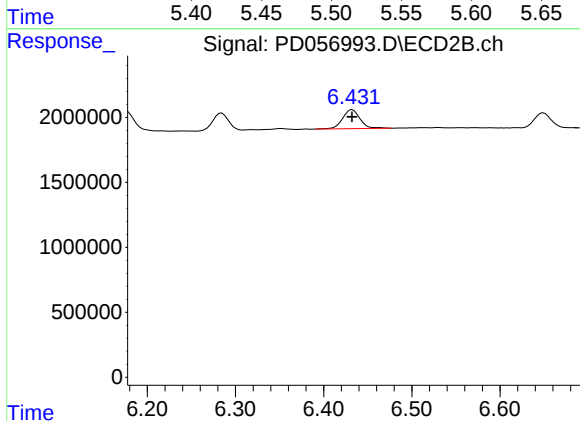
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 887658
Conc: 0.83 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

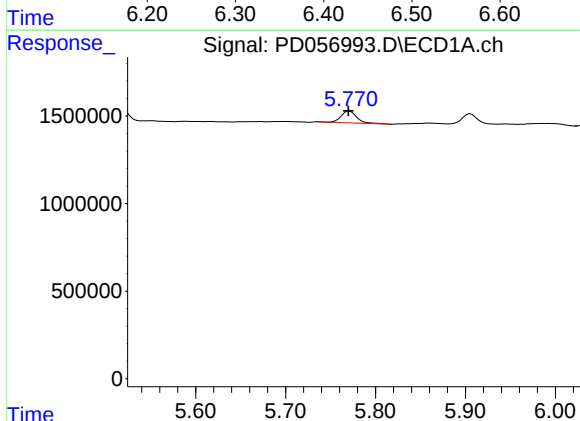
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:45 PM



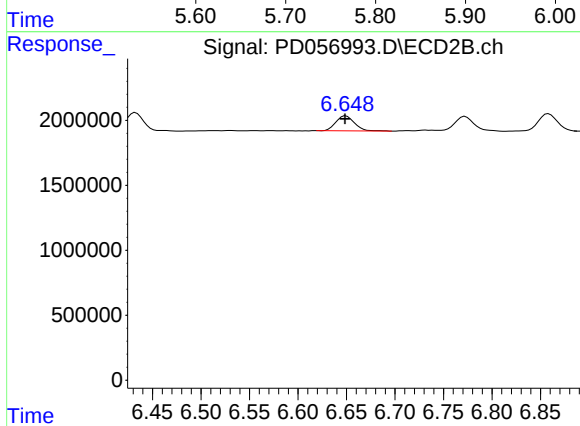
#13 Dieldrin

R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 2004048
Conc: 0.94 ng/ml



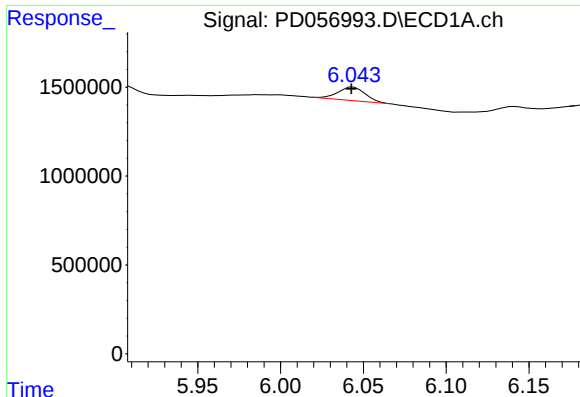
#14 Endrin

R.T.: 5.771 min
Delta R.T.: 0.001 min
Response: 832801
Conc: 0.94 ng/ml



#14 Endrin

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 1550725
Conc: 0.90 ng/ml



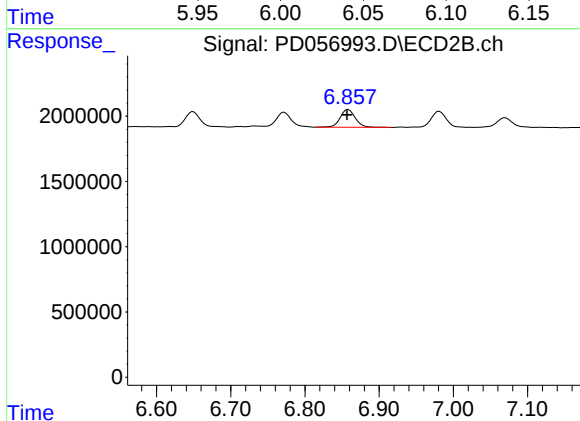
#15 Endosulfan II

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 872566
Conc: 0.90 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

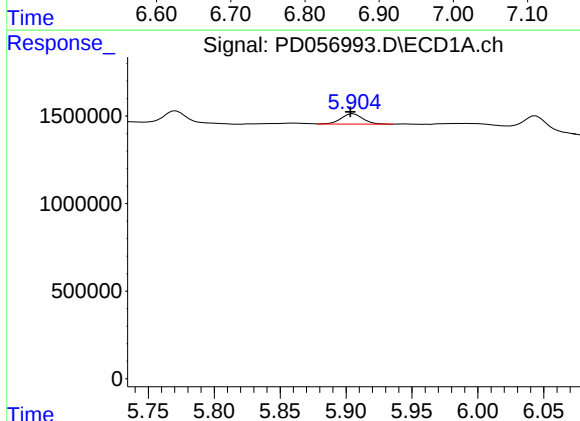
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:45 PM



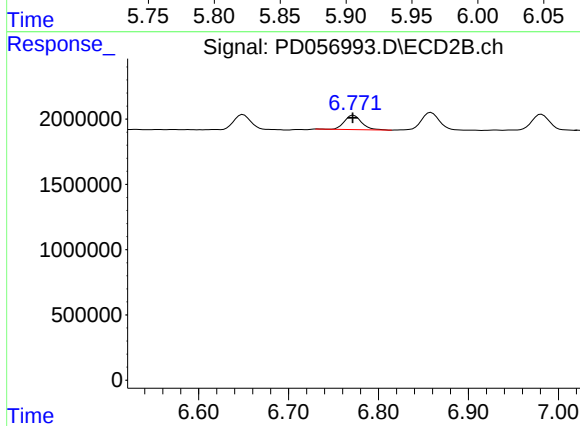
#15 Endosulfan II

R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 1935921
Conc: 1.01 ng/ml



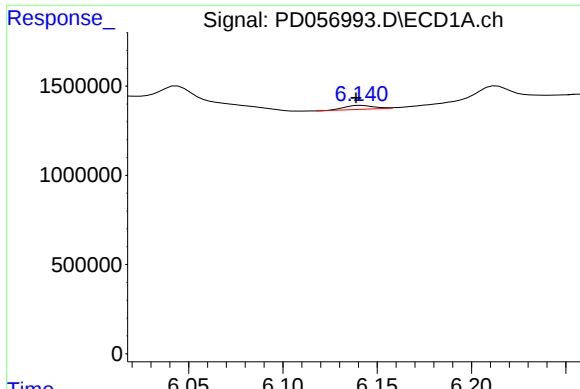
#16 4,4'-DDD

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 669320
Conc: 0.80 ng/ml m



#16 4,4'-DDD

R.T.: 6.772 min
Delta R.T.: 0.001 min
Response: 1452060
Conc: 0.86 ng/ml



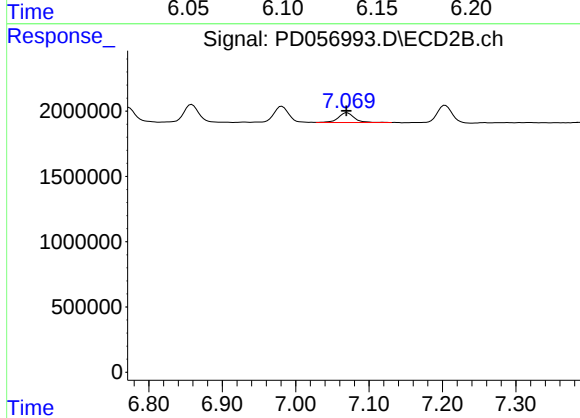
#17 4,4'-DDT

R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 248972
Conc: 0.35 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

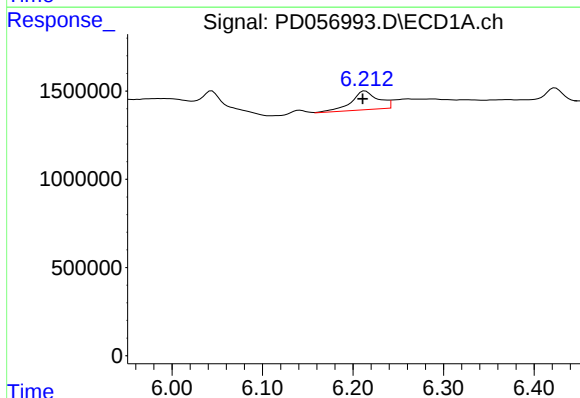
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:45 PM



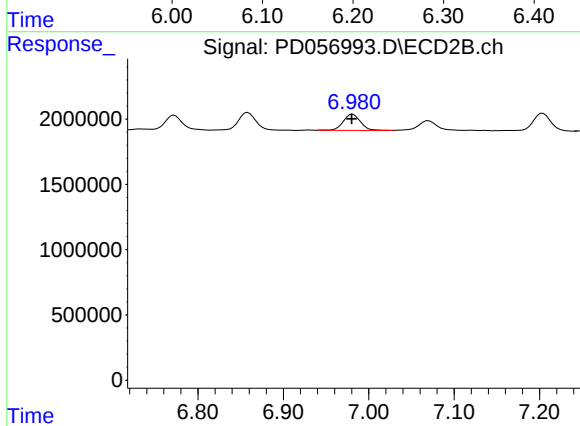
#17 4,4'-DDT

R.T.: 7.070 min
Delta R.T.: 0.000 min
Response: 1108313
Conc: 0.72 ng/ml



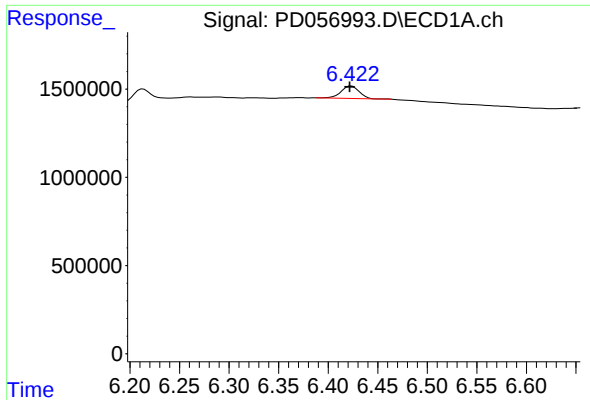
#18 Endrin aldehyde

R.T.: 6.213 min
Delta R.T.: 0.003 min
Response: 2181166
Conc: 2.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.981 min
Delta R.T.: 0.001 min
Response: 1748261
Conc: 1.06 ng/ml



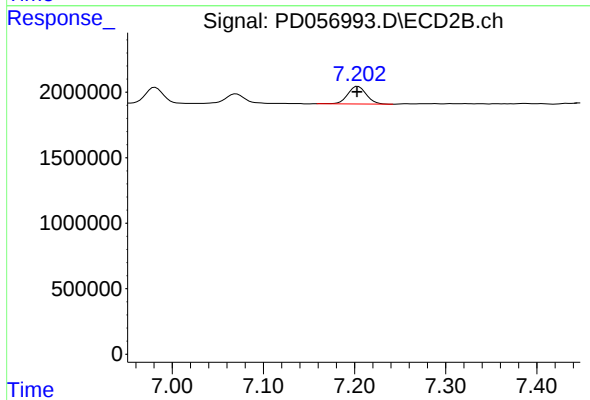
#19 Endosulfan Sulfate

R.T.: 6.423 min
Delta R.T.: 0.002 min
Response: 902617
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

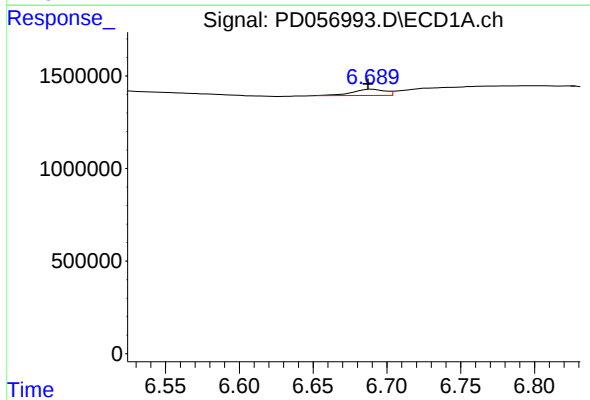
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:45 PM



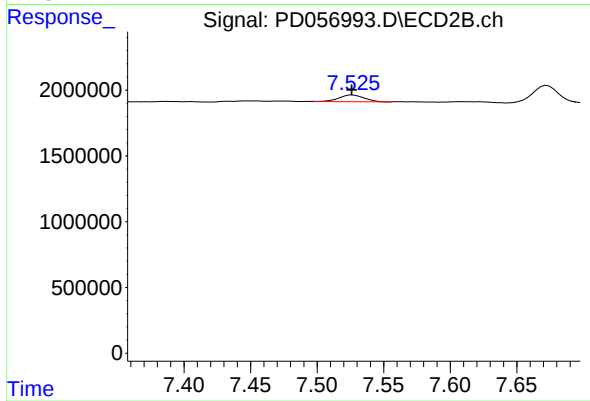
#19 Endosulfan Sulfate

R.T.: 7.204 min
Delta R.T.: 0.001 min
Response: 1889309
Conc: 1.03 ng/ml



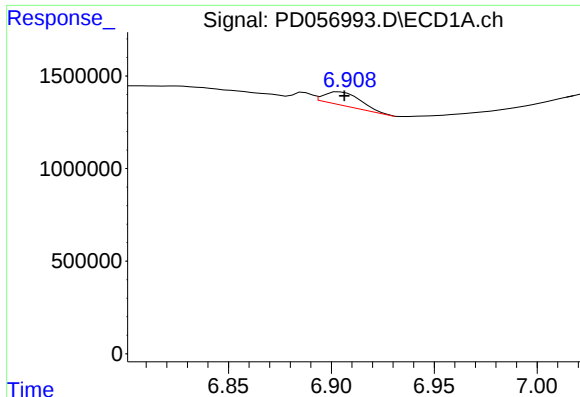
#20 Methoxychlor

R.T.: 6.690 min
Delta R.T.: 0.003 min
Response: 515870
Conc: 1.31 ng/ml



#20 Methoxychlor

R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 680309
Conc: 0.77 ng/ml m



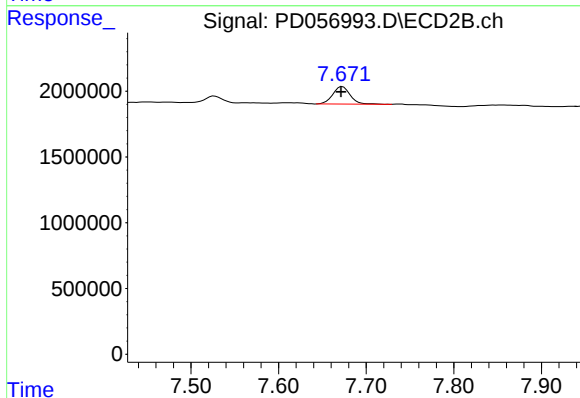
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: 0.001 min
Response: 845631
Conc: 0.77 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

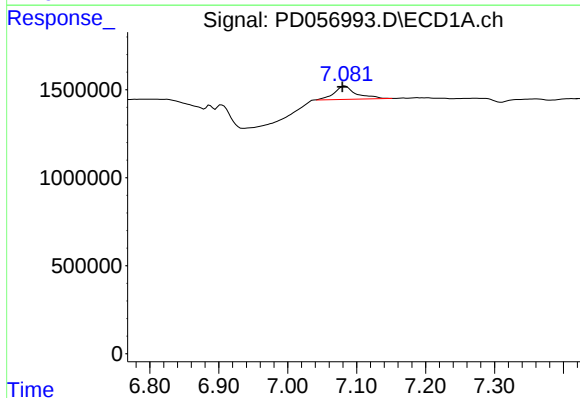
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:45 PM



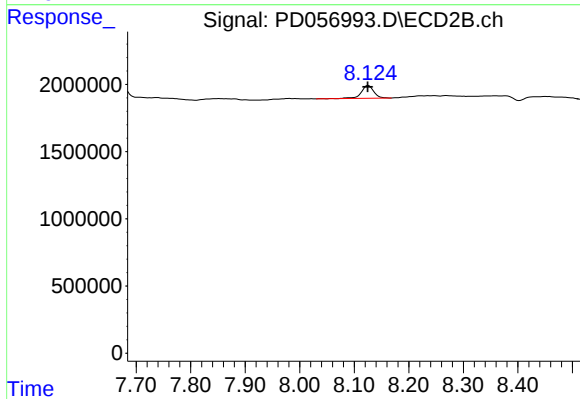
#21 Endrin ketone

R.T.: 7.673 min
Delta R.T.: 0.002 min
Response: 1854992
Conc: 0.90 ng/ml



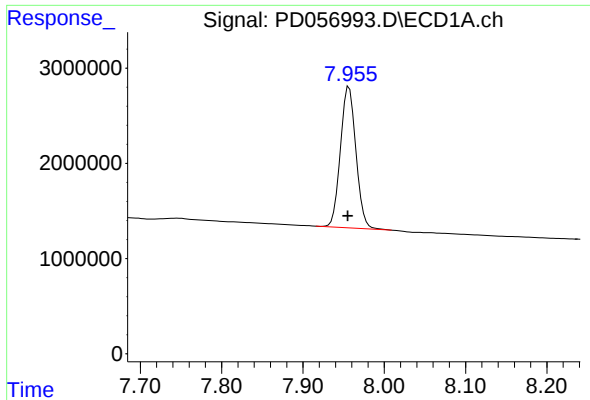
#22 Mirex

R.T.: 7.083 min
Delta R.T.: 0.004 min
Response: 1689901
Conc: 2.01 ng/ml



#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.001 min
Response: 1524486
Conc: 1.04 ng/ml



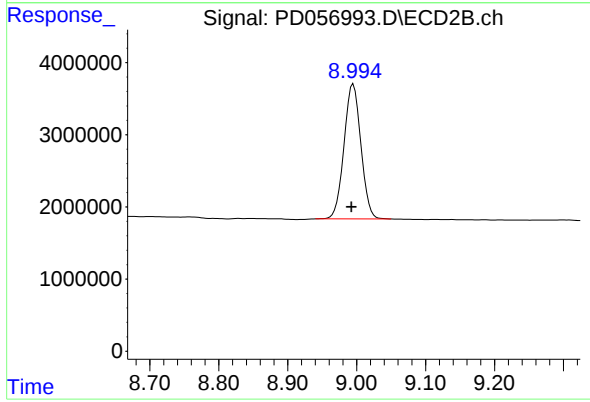
#28 Decachlorobiphenyl

R.T.: 7.957 min
Delta R.T.: 0.002 min
Response: 19578416
Conc: 20.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:45 PM



#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: 0.003 min
Response: 31870484
Conc: 19.12 ng/ml