

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012020\
 Data File : PL055887.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 00:40
 Operator : AJ\MA
 Sample : L1161-01
 Misc : LOD 2.5 PPB
 ALS Vial : 26 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 1/21/2020 3:02:28 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 03:35:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 02:21:03 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...	3.490	3.967	215.6E6	66244846	22.497	23.439
28)	SA Decachlor...	8.233	8.951	244.7E6	54534105	23.407	23.804
Target Compounds							
2)	A alpha-BHC	3.927	4.350	47154283	10770426	2.842	2.540
3)	MA gamma-BHC...	4.210	4.629	35393494	10585372	2.333	2.668
4)	MA Heptachlor	4.512	5.128	38444101	9793485	2.575	2.896
5)	MB Aldrin	4.760	5.429	37651801	10231943	2.573	2.985
6)	B beta-BHC	4.460	4.798	19048334	6154760	2.968	3.878 #
7)	B delta-BHC	4.664	5.010	30417773	5705859	2.075	1.910m
8)	B Heptachlo...	5.202	5.809	36052074	8762869	2.614	2.933
9)	A Endosulfan I	5.540	6.162	35666907	8617413	2.749	2.960
10)	B gamma-Chl...	5.428	6.041	36568578	9246413	2.607	2.998
11)	B alpha-Chl...	5.486	6.112	38243877	9207291	2.766	2.982
12)	B 4,4'-DDE	5.649	6.267	32996451	8215988	2.526	2.806
13)	MA Dieldrin	5.783	6.416	35010229	8836810	2.531	2.924
14)	MA Endrin	6.040	6.631	35755510	6992325	2.830	2.760
15)	B Endosulfa...	6.312	6.839	27019117	8432996	2.419	3.145 #
16)	A 4,4'-DDD	6.164	6.752	23942128	6207754	2.404	2.693
17)	MA 4,4'-DDT	6.404	7.046	20716228	6326299	2.047	2.802 #
18)	B Endrin al...	6.479	6.961	27209575	6883040	2.618	3.049
19)	B Endosulfa...	6.692	7.182	26109592	7799386	2.414m	3.151 #
20)	A Methoxychlor	6.944	7.500	11428196	3270191	2.190m	2.741 #
21)	B Endrin ke...	7.182	7.648	31260744	7970475	2.483	3.018
22)	Mirex	7.370	8.097	16000895	5405214	2.278m	2.962 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012020\
Data File : PL055887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2020 00:40
Operator : AJ\MA
Sample : L1161-01
Misc : LOD 2.5 PPB
ALS Vial : 26 Sample Multiplier: 1

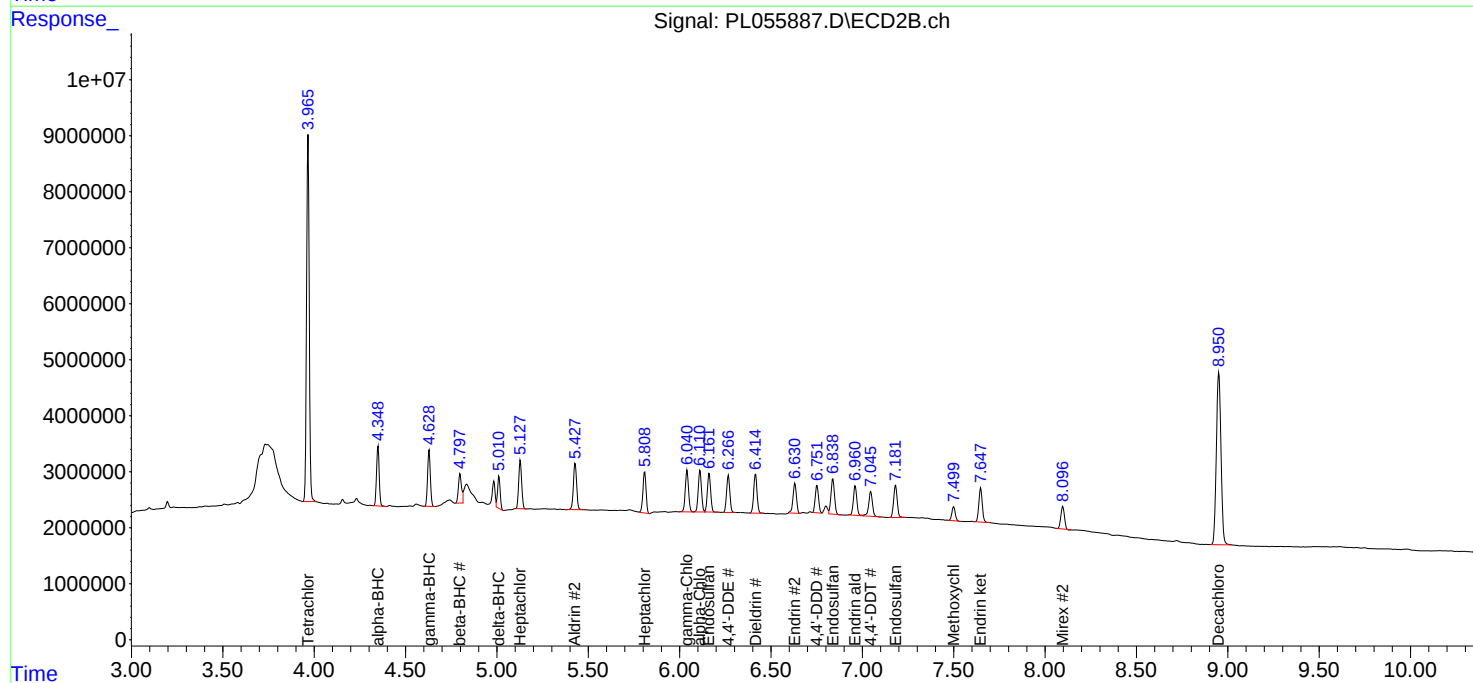
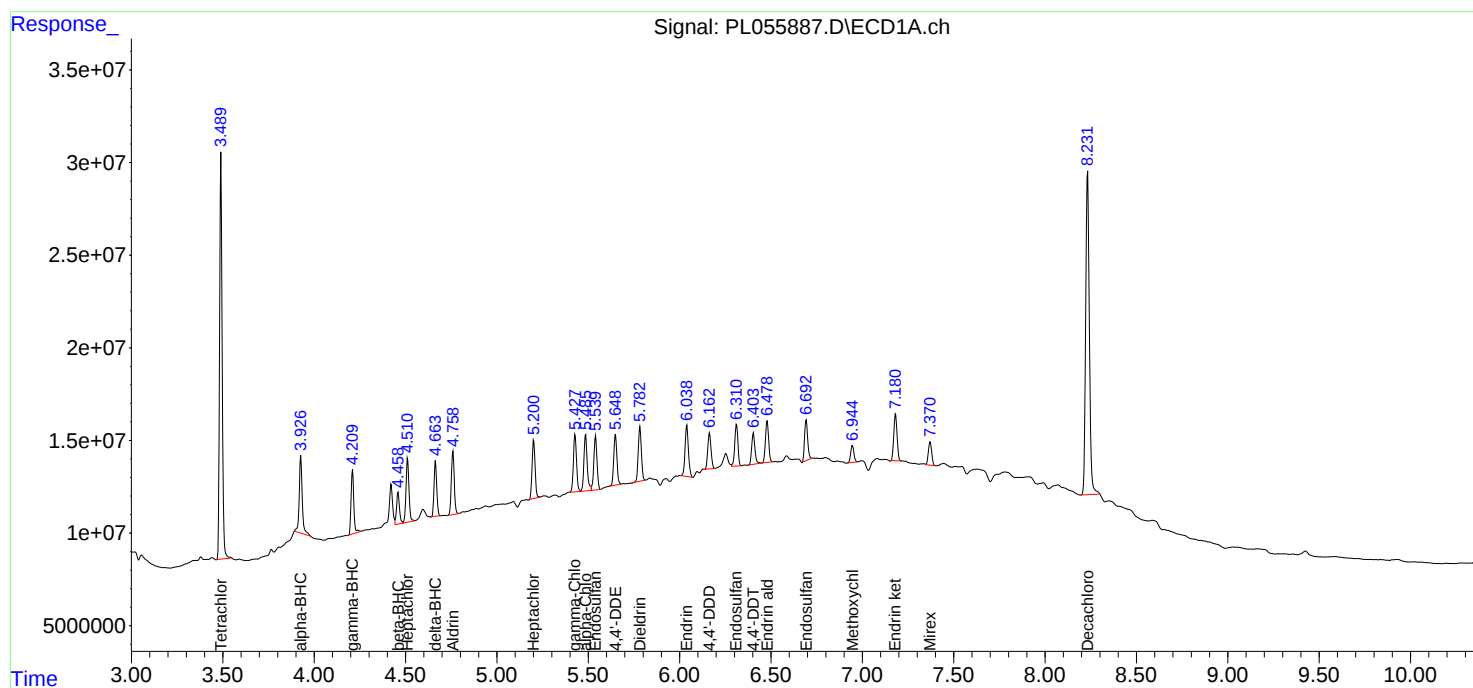
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

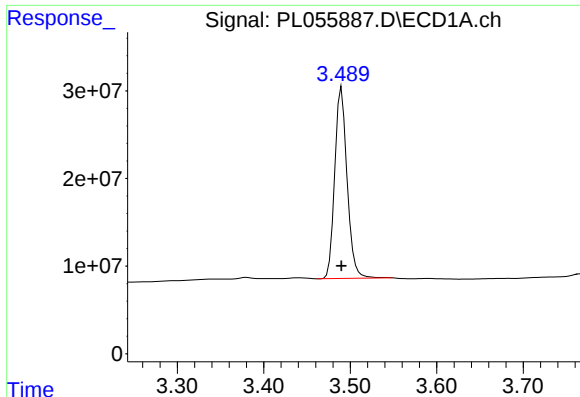
Manual Integrations
APPROVED

mohammad
1/21/2020 3:02:28 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 03:35:28 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 02:21:03 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





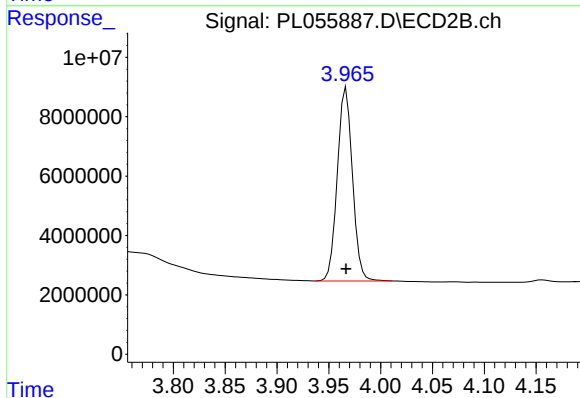
#1 Tetrachloro-m-xylene

R.T.: 3.490 min
Delta R.T.: 0.000 min
Response: 215622028
Conc: 22.50 ng/ml

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

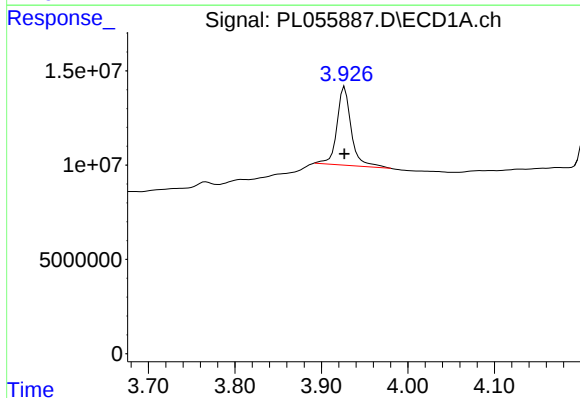
Manual Integrations
APPROVED

mohammad
1/21/2020 3:02:28 PM



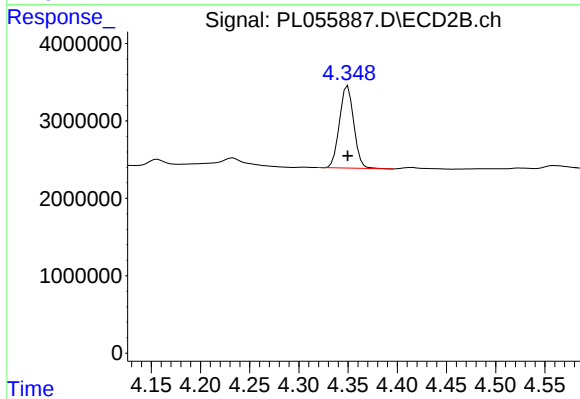
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 66244846
Conc: 23.44 ng/ml



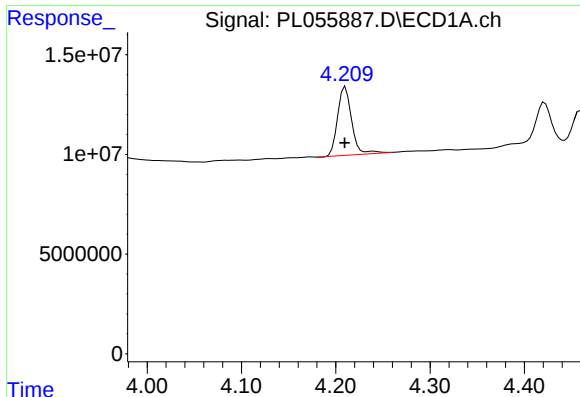
#2 alpha-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 47154283
Conc: 2.84 ng/ml



#2 alpha-BHC

R.T.: 4.350 min
Delta R.T.: 0.000 min
Response: 10770426
Conc: 2.54 ng/ml



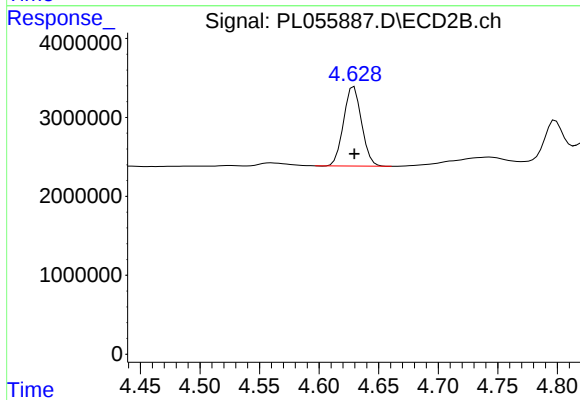
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 35393494
Conc: 2.33 ng/ml

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

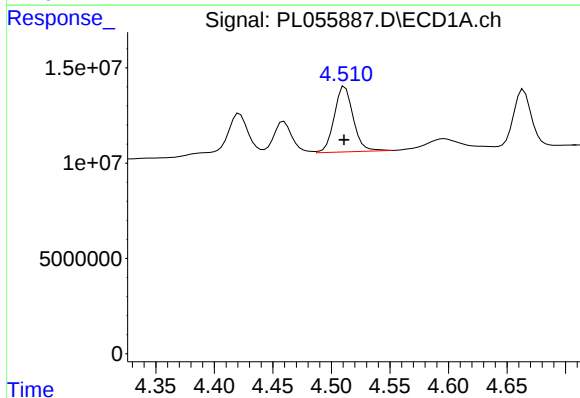
Manual Integrations
APPROVED

mohammad
1/21/2020 3:02:28 PM



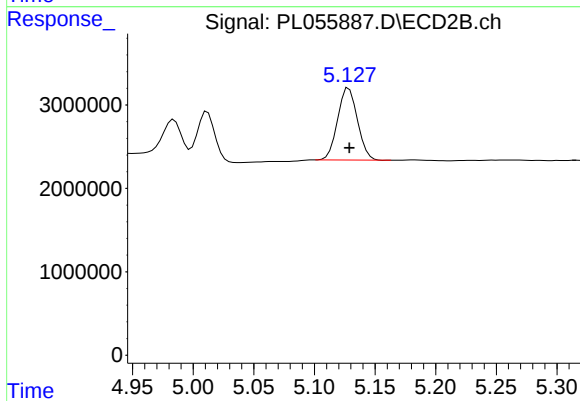
#3 gamma-BHC (Lindane)

R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 10585372
Conc: 2.67 ng/ml



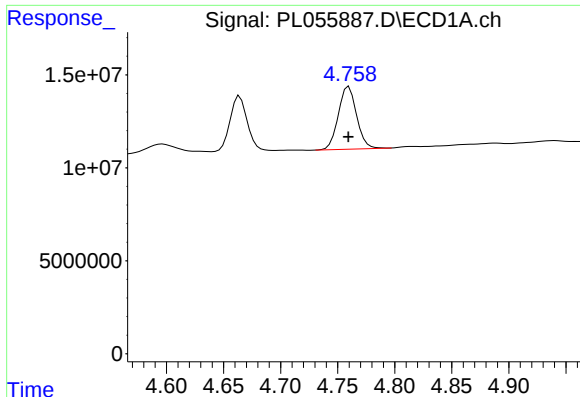
#4 Heptachlor

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 38444101
Conc: 2.57 ng/ml



#4 Heptachlor

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 9793485
Conc: 2.90 ng/ml



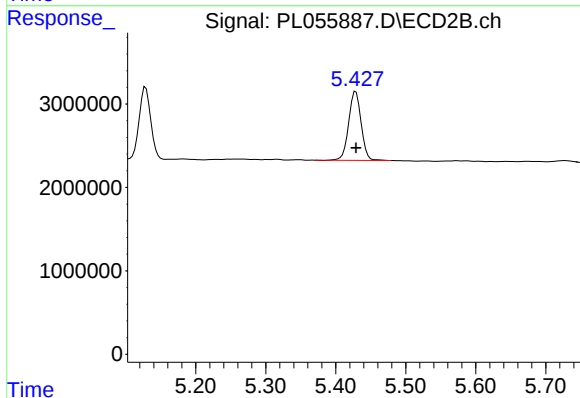
#5 Aldrin

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 37651801
Conc: 2.57 ng/ml

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

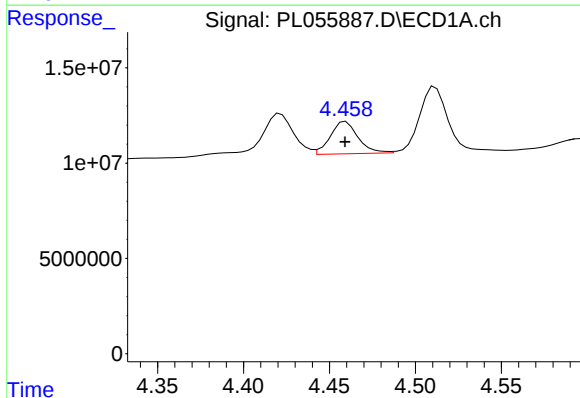
Manual Integrations
APPROVED

mohammad
1/21/2020 3:02:28 PM



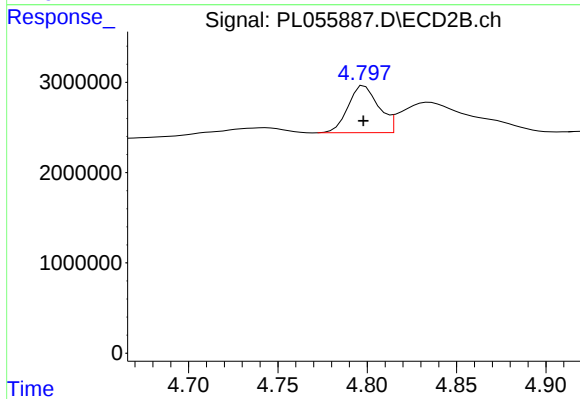
#5 Aldrin

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 10231943
Conc: 2.98 ng/ml



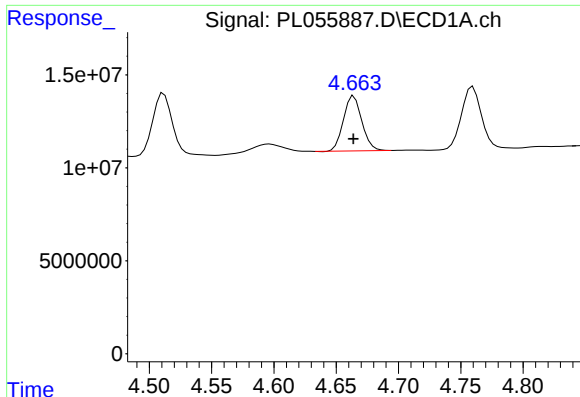
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 19048334
Conc: 2.97 ng/ml



#6 beta-BHC

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 6154760
Conc: 3.88 ng/ml



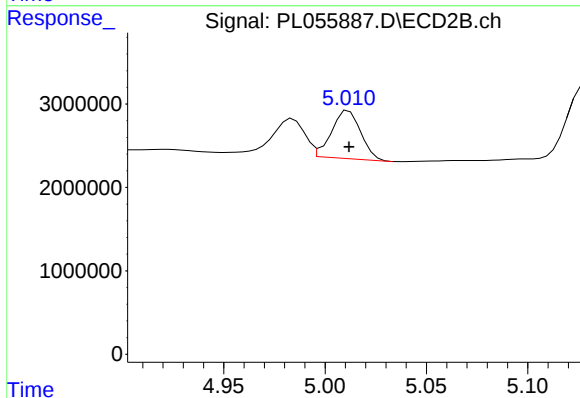
#7 delta-BHC

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 30417773
Conc: 2.08 ng/ml

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

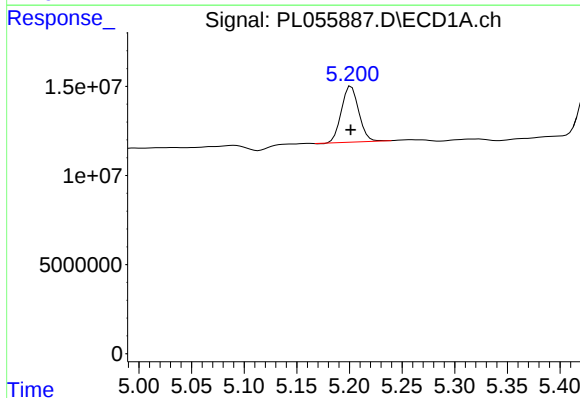
Manual Integrations
APPROVED

mohammad
1/21/2020 3:02:28 PM



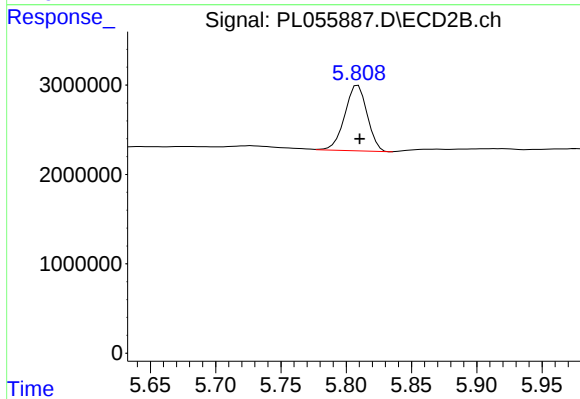
#7 delta-BHC

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 5705859
Conc: 1.91 ng/ml m



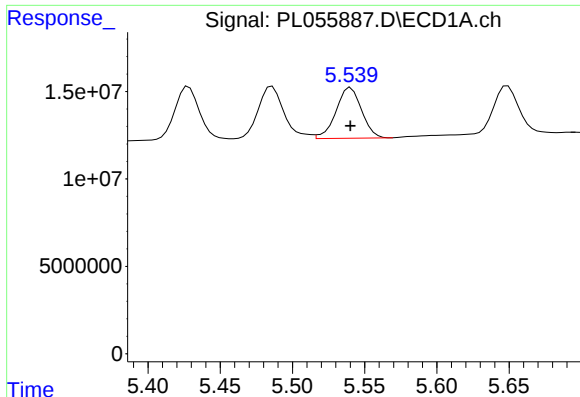
#8 Heptachlor epoxide

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 36052074
Conc: 2.61 ng/ml



#8 Heptachlor epoxide

R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 8762869
Conc: 2.93 ng/ml



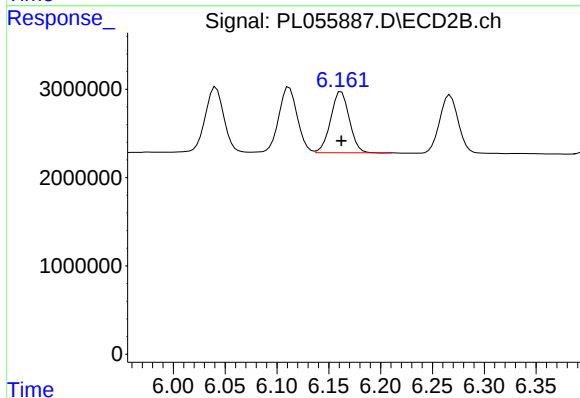
#9 Endosulfan I

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 35666907
Conc: 2.75 ng/ml

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

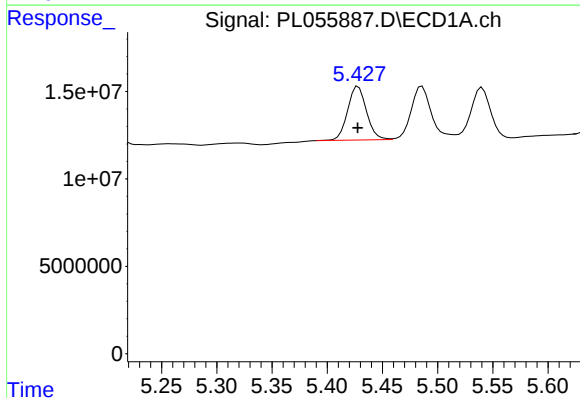
Manual Integrations
APPROVED

mohammad
1/21/2020 3:02:28 PM



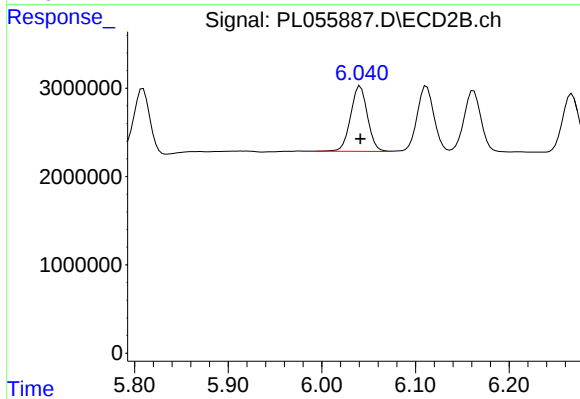
#9 Endosulfan I

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 8617413
Conc: 2.96 ng/ml



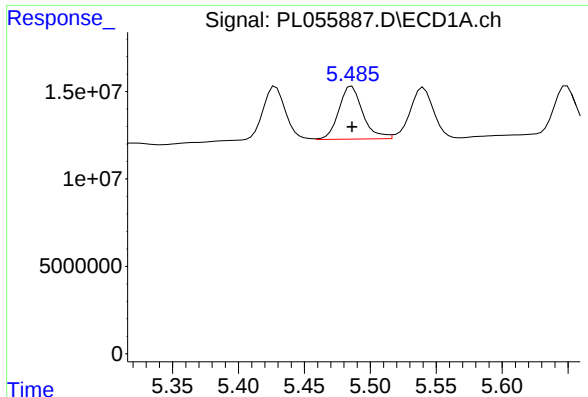
#10 gamma-Chlordane

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 36568578
Conc: 2.61 ng/ml



#10 gamma-Chlordane

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 9246413
Conc: 3.00 ng/ml



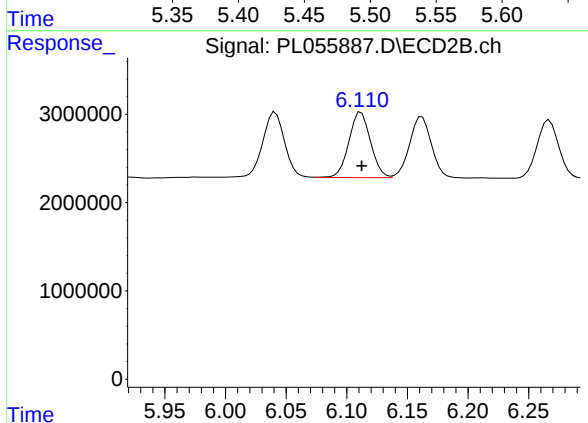
#11 alpha-Chlordane

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 38243877
Conc: 2.77 ng/ml

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

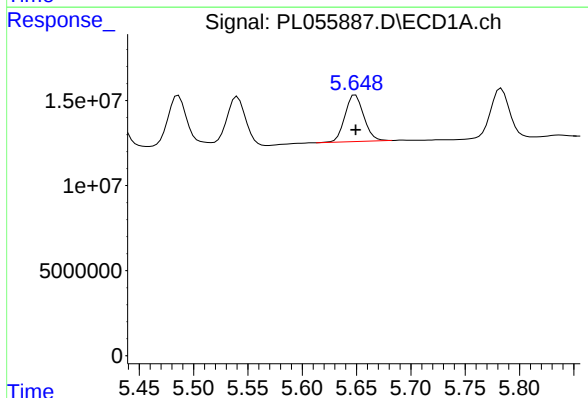
Manual Integrations
APPROVED

mohammad
1/21/2020 3:02:28 PM



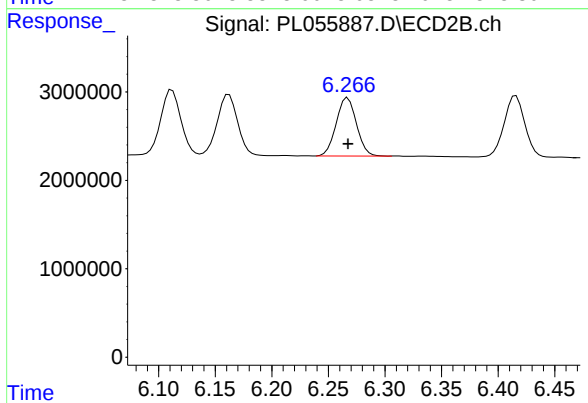
#11 alpha-Chlordane

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 9207291
Conc: 2.98 ng/ml



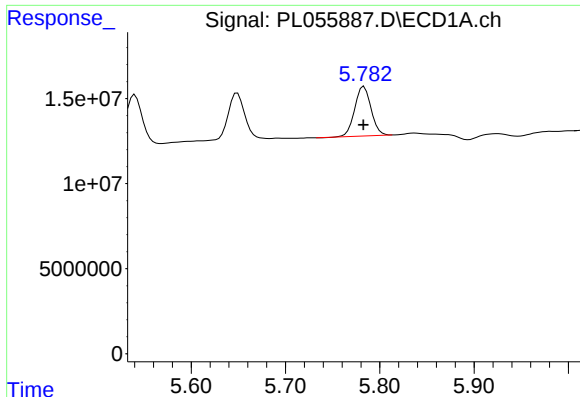
#12 4,4'-DDE

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 32996451
Conc: 2.53 ng/ml



#12 4,4'-DDE

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 8215988
Conc: 2.81 ng/ml



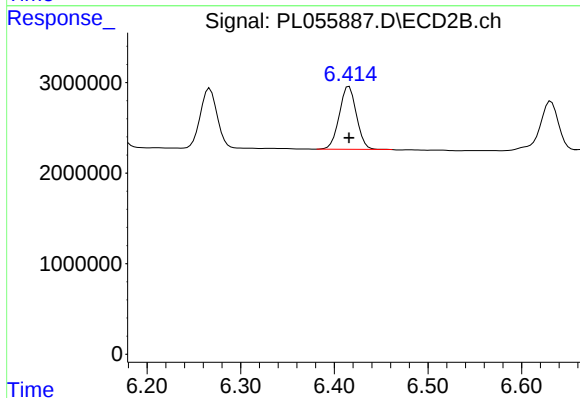
#13 Dieldrin

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 35010229
Conc: 2.53 ng/ml

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

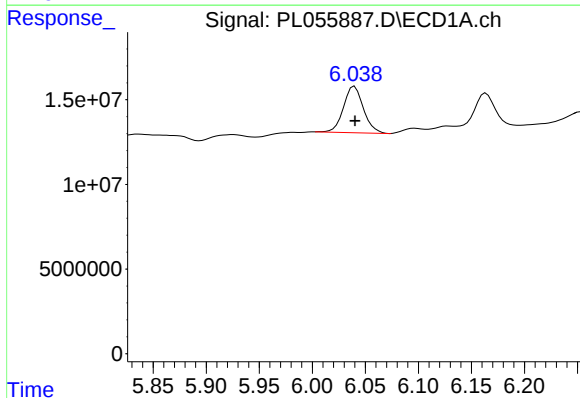
Manual Integrations
APPROVED

mohammad
1/21/2020 3:02:28 PM



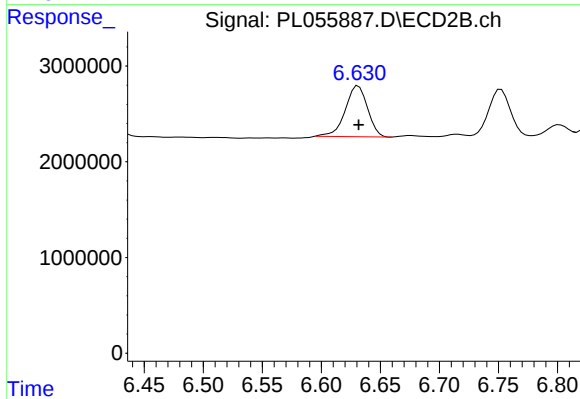
#13 Dieldrin

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 8836810
Conc: 2.92 ng/ml



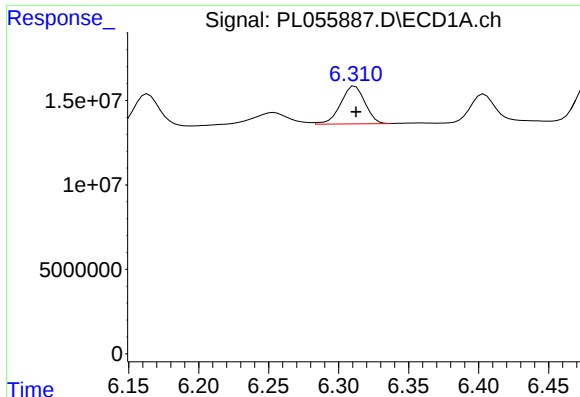
#14 Endrin

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 35755510
Conc: 2.83 ng/ml



#14 Endrin

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 6992325
Conc: 2.76 ng/ml



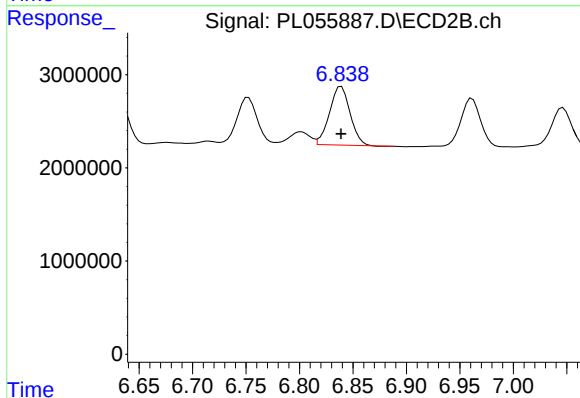
#15 Endosulfan II

R.T.: 6.312 min
Delta R.T.: 0.000 min
Response: 27019117
Conc: 2.42 ng/ml

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

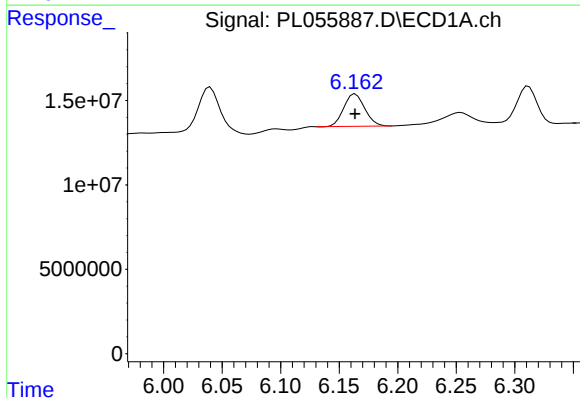
Manual Integrations
APPROVED

mohammad
1/21/2020 3:02:28 PM



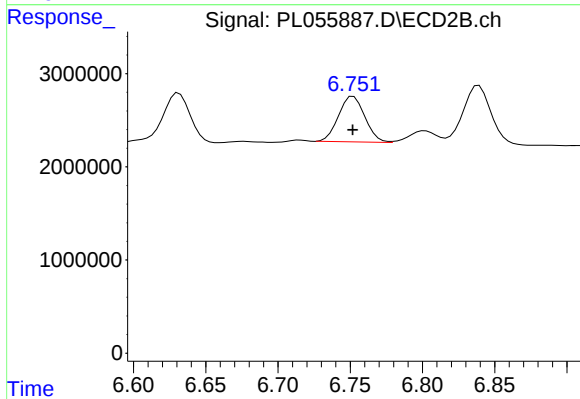
#15 Endosulfan II

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 8432996
Conc: 3.14 ng/ml



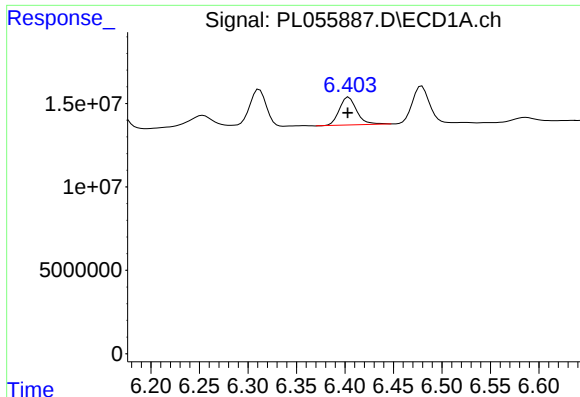
#16 4,4'-DDD

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 23942128
Conc: 2.40 ng/ml



#16 4,4'-DDD

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 6207754
Conc: 2.69 ng/ml



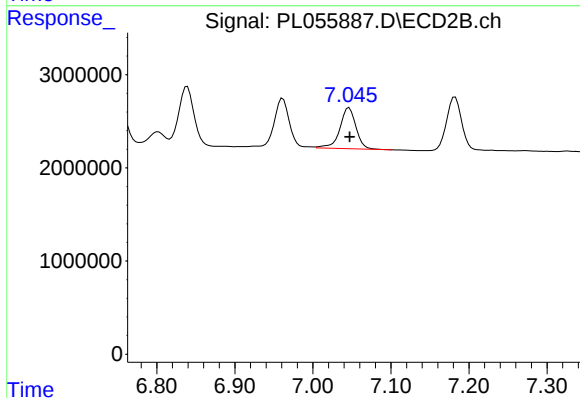
#17 4,4'-DDT

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 20716228
Conc: 2.05 ng/ml

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

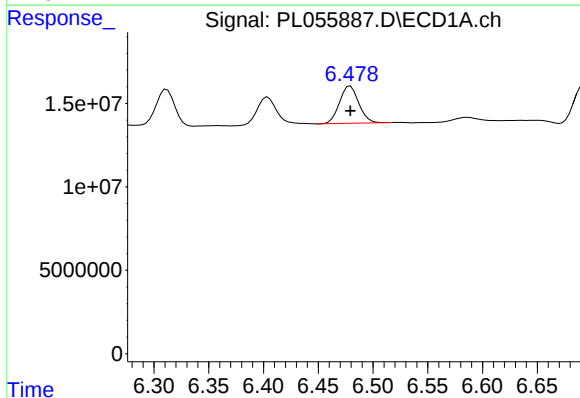
Manual Integrations
APPROVED

mohammad
1/21/2020 3:02:28 PM



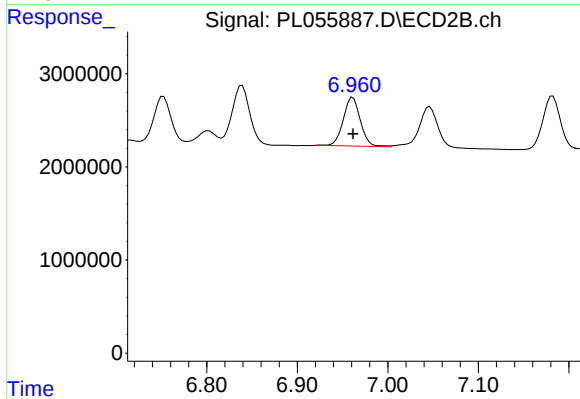
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: -0.001 min
Response: 6326299
Conc: 2.80 ng/ml



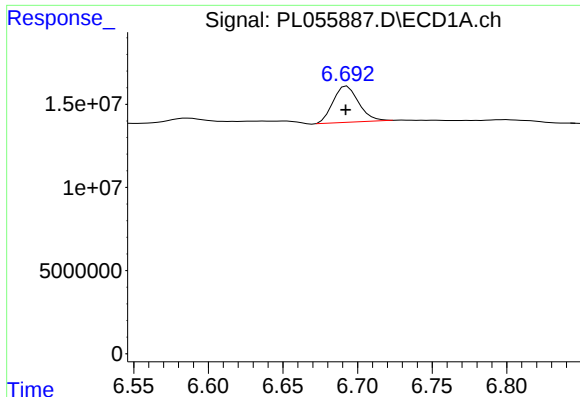
#18 Endrin aldehyde

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 27209575
Conc: 2.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 6883040
Conc: 3.05 ng/ml



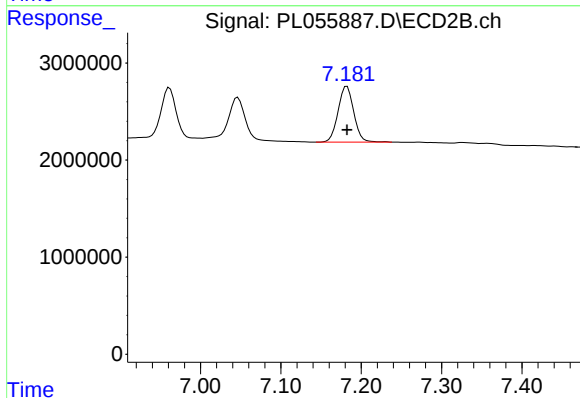
#19 Endosulfan Sulfate

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 26109592
Conc: 2.41 ng/ml m

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

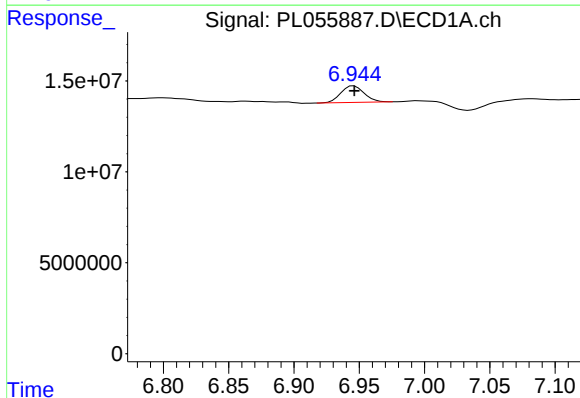
Manual Integrations
APPROVED

mohammad
1/21/2020 3:02:28 PM



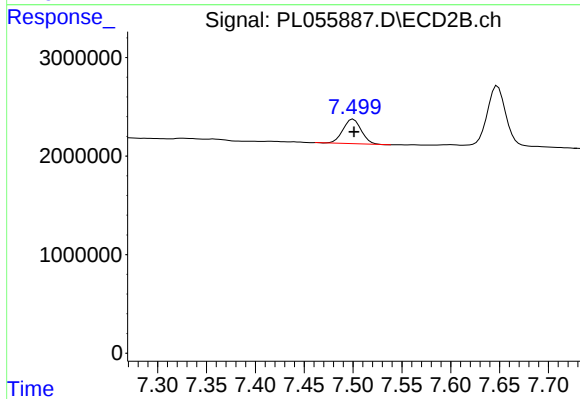
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 7799386
Conc: 3.15 ng/ml



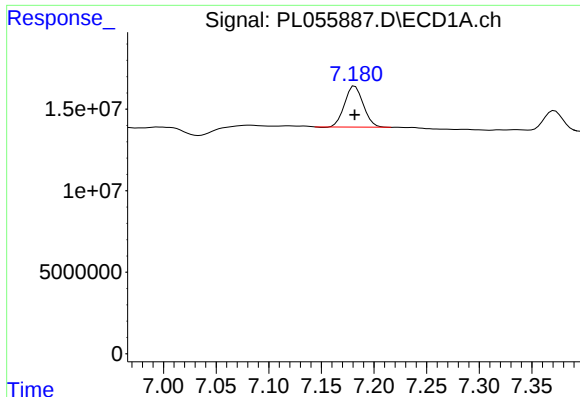
#20 Methoxychlor

R.T.: 6.944 min
Delta R.T.: -0.002 min
Response: 11428196
Conc: 2.19 ng/ml m



#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 3270191
Conc: 2.74 ng/ml



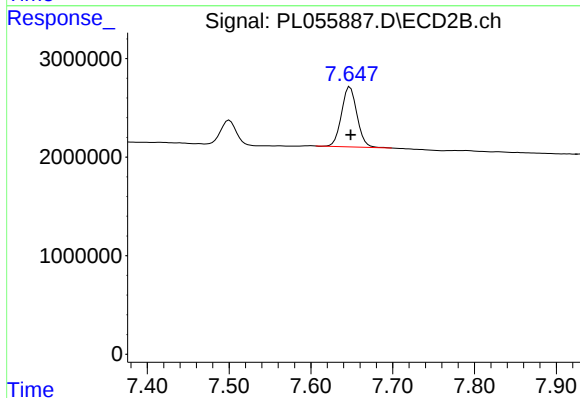
#21 Endrin ketone

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 31260744
Conc: 2.48 ng/ml

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

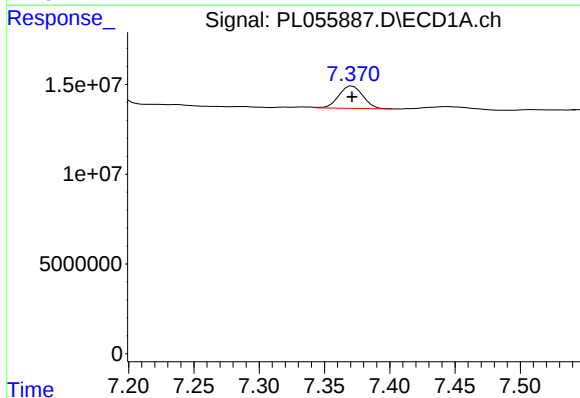
Manual Integrations
APPROVED

mohammad
1/21/2020 3:02:28 PM



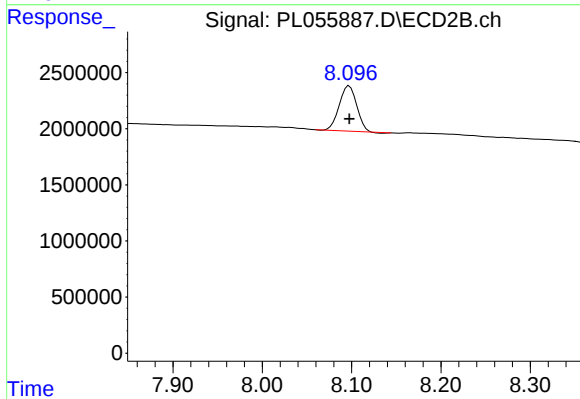
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 7970475
Conc: 3.02 ng/ml



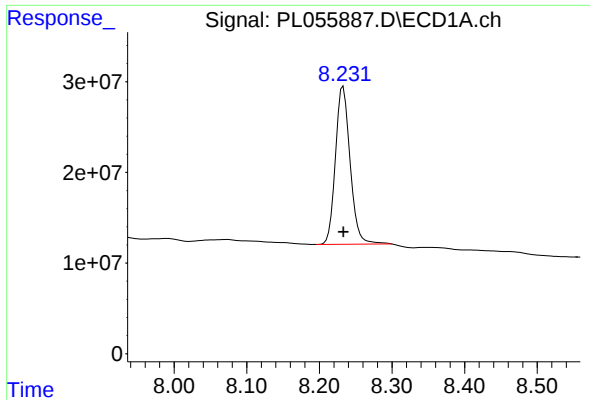
#22 Mirex

R.T.: 7.370 min
Delta R.T.: -0.001 min
Response: 16000895
Conc: 2.28 ng/ml m



#22 Mirex

R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 5405214
Conc: 2.96 ng/ml



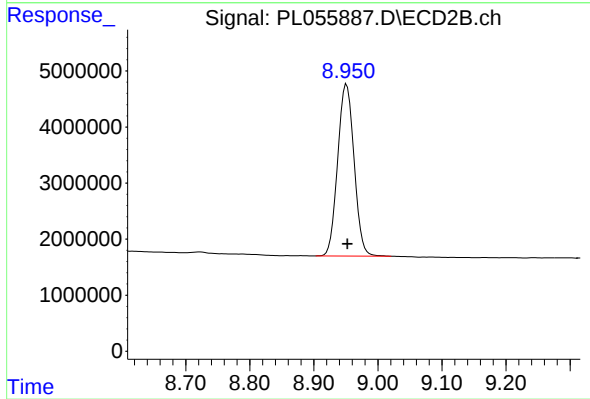
#28 Decachlorobiphenyl

R.T.: 8.233 min
Delta R.T.: 0.000 min
Response: 244731694
Conc: 23.41 ng/ml

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

Manual Integrations
APPROVED

mohammad
1/21/2020 3:02:28 PM



#28 Decachlorobiphenyl

R.T.: 8.951 min
Delta R.T.: -0.001 min
Response: 54534105
Conc: 23.80 ng/ml