

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082021\
 Data File : PD065084.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2021 01:33
 Operator : AR\AJ
 Sample : M2940-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Manual Integrations
 APPROVED

mohammad
 8/23/2021 2:15:34 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 00:17:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 2021
 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...	3.496	4.013	19475627	151.8E6	18.947	19.161
28)	SA Decachlor...	8.240	9.083	24257063	94022904	21.409	19.867
Target Compounds							
2)	A alpha-BHC	3.935	4.407	1708716	13658437	1.194	1.176
3)	MA gamma-BHC...	4.218	4.694	2252951	12268333	1.642	1.158 #
4)	MA Heptachlor	4.517	5.196	1659086	11896741	1.274	1.187m
5)	MB Aldrin	4.764	5.502	1335778	11250818	1.114	1.246m
7)	B delta-BHC	4.671	5.087	1319751	19709530	0.998	2.029 #
8)	B Heptachlo...	5.207	5.892	1329737	4569015	1.170	0.612m#
9)	A Endosulfan I	5.546	6.250	1243105	8787448	1.165	1.248
10)	B gamma-Chl...	5.432	6.125	1372645	9538536	1.214	1.248m
11)	B alpha-Chl...	5.491	6.196	1324575	8793862	1.183	1.181m
12)	B 4,4'-DDE	5.653	6.356	1146547	7975698	1.088	1.111
13)	MA Dieldrin	5.789	6.508	1321183	8312518	1.177	1.146
14)	MA Endrin	6.046	6.725	1358622	6433795	1.295	1.045m
15)	B Endosulfa...	6.319	6.940	1387987	6568162	1.388	1.120
16)	A 4,4'-DDD	6.169	6.850	839033	6453307	0.887	1.097
17)	MA 4,4'-DDT	6.407	7.148	967271	5875851	0.973m	0.980
18)	B Endrin al...	6.487	7.065	1196517	5749565	1.446	1.233
19)	B Endosulfa...	6.699	7.287	1167599	6550913	1.100	1.142
20)	A Methoxychlor	6.955	7.608	508351	3335815	0.862	1.102 #
21)	B Endrin ke...	7.192	7.761	1452319	7865492	1.139	1.210
22)	Mirex	7.384	8.210	7018959	5325206	6.883	1.196 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082021\
 Data File : PD065084.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2021 01:33
 Operator : AR\AJ
 Sample : M2940-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 27 Sample Multiplier: 1

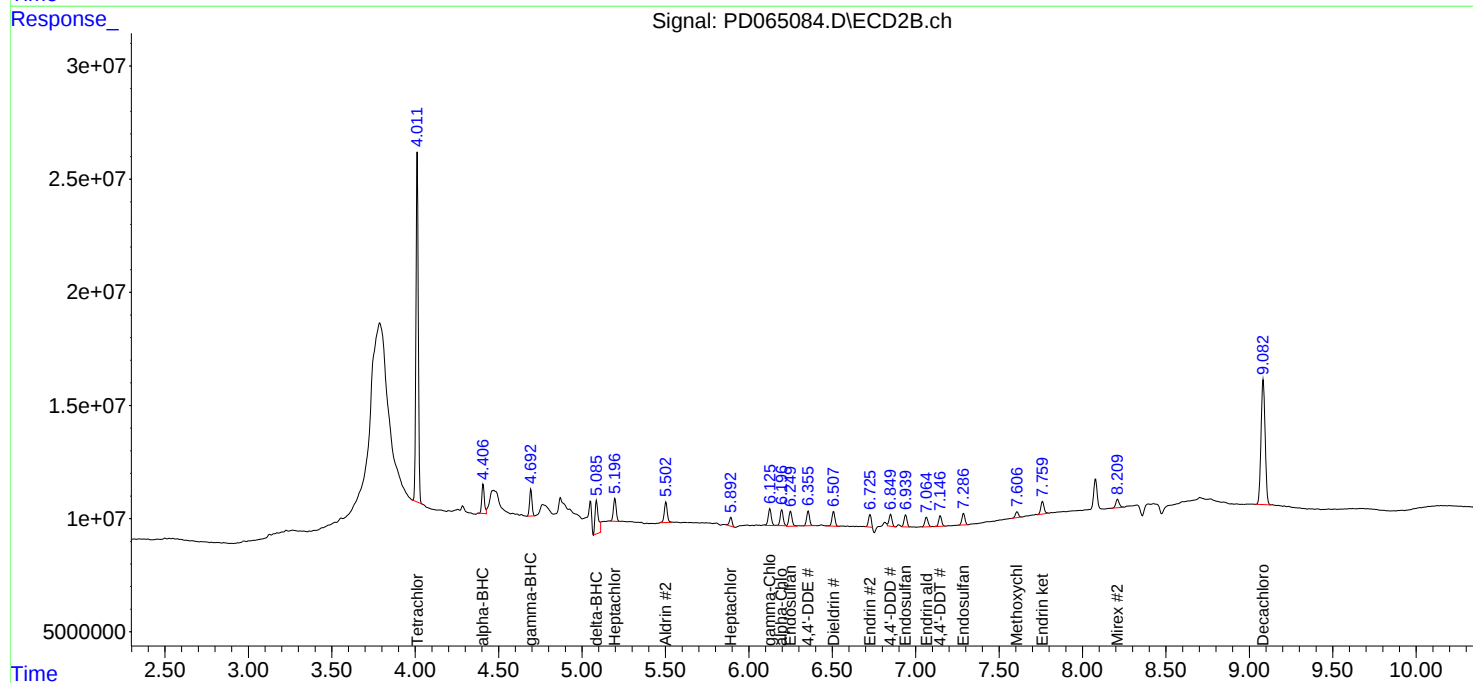
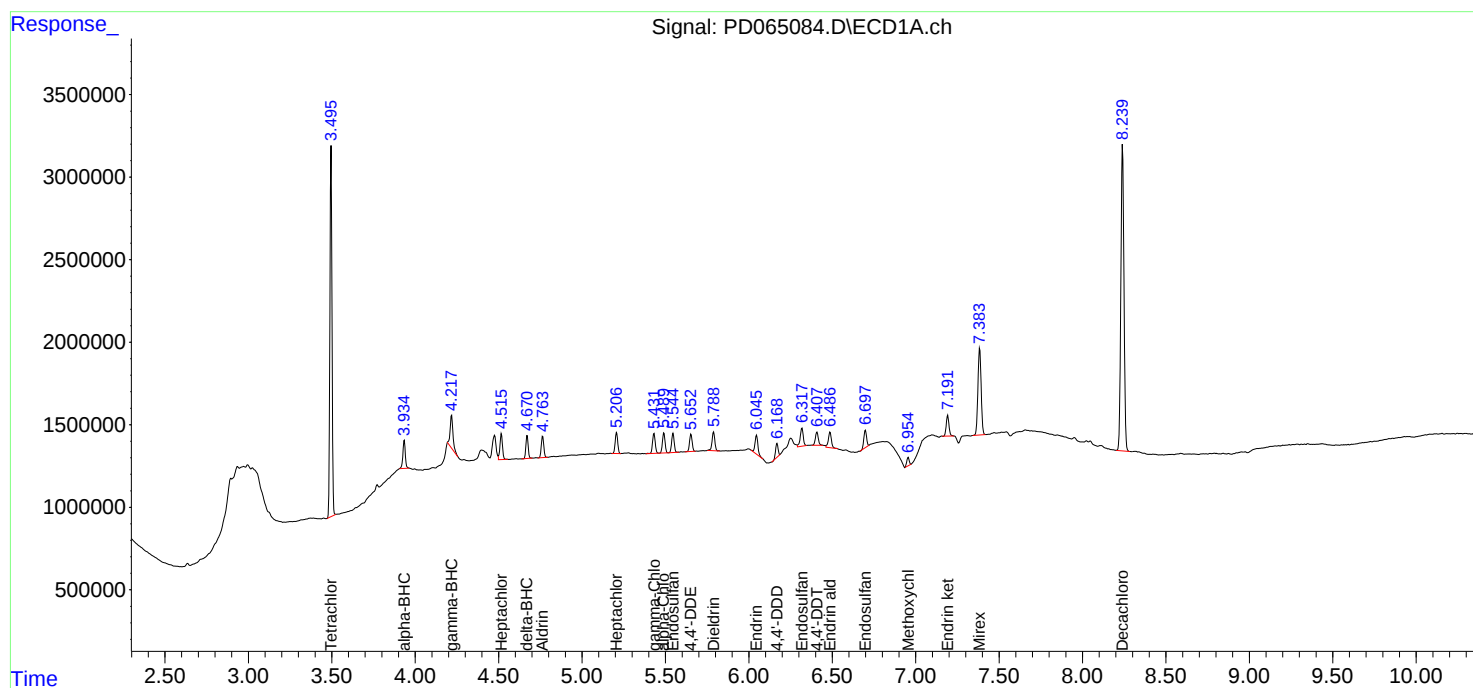
Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

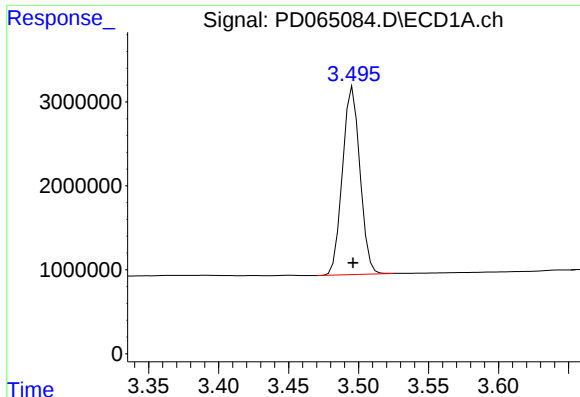
Manual Integrations
 APPROVED

mohammad
 8/23/2021 2:15:34 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 00:17:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 2021
 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





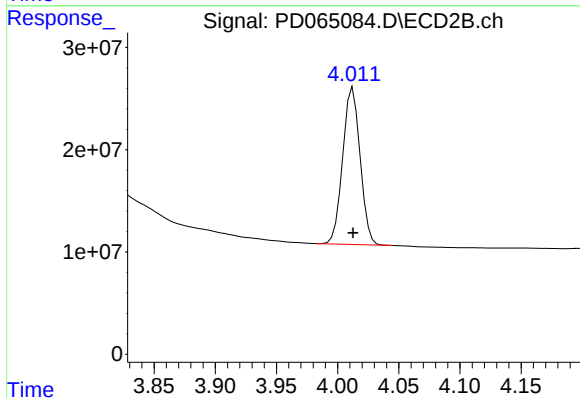
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 19475627
Conc: 18.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

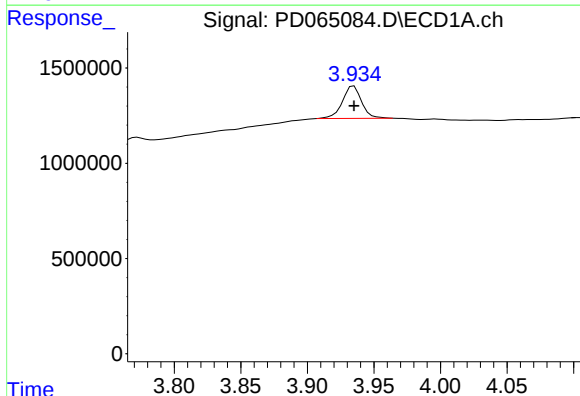
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:34 PM



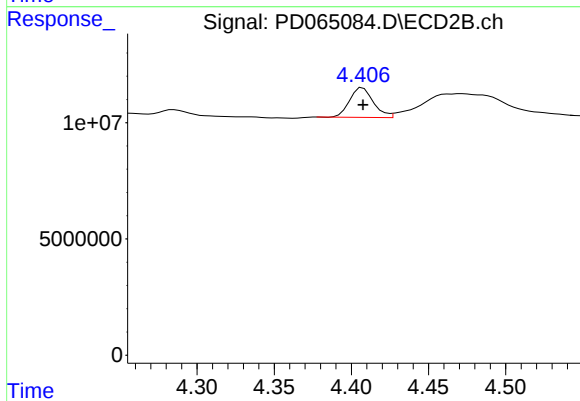
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 151768766
Conc: 19.16 ng/ml



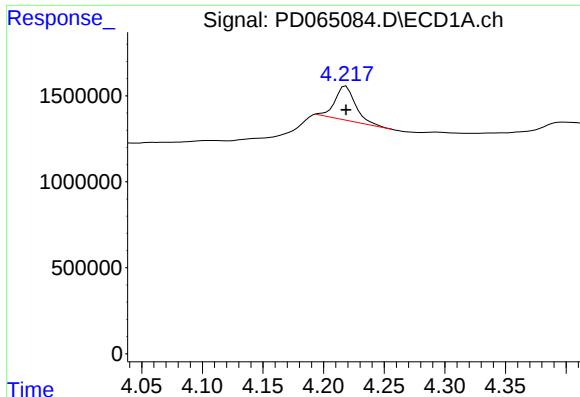
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 1708716
Conc: 1.19 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 13658437
Conc: 1.18 ng/ml



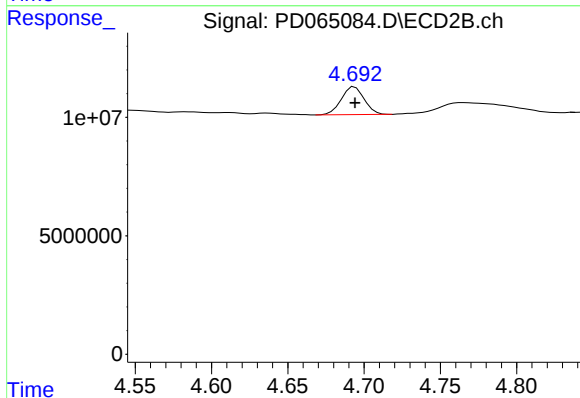
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 2252951
Conc: 1.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

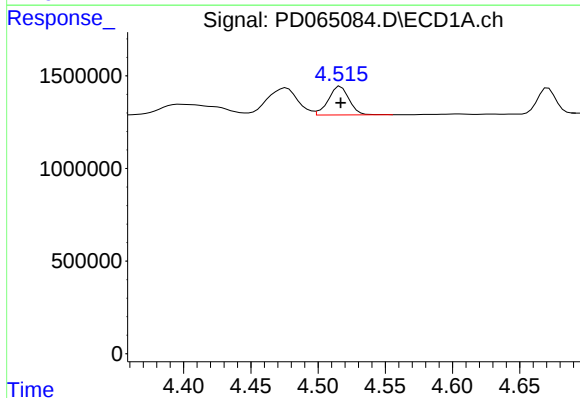
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:34 PM



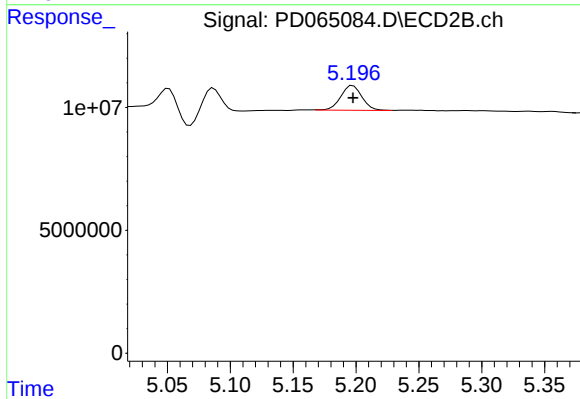
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 12268333
Conc: 1.16 ng/ml



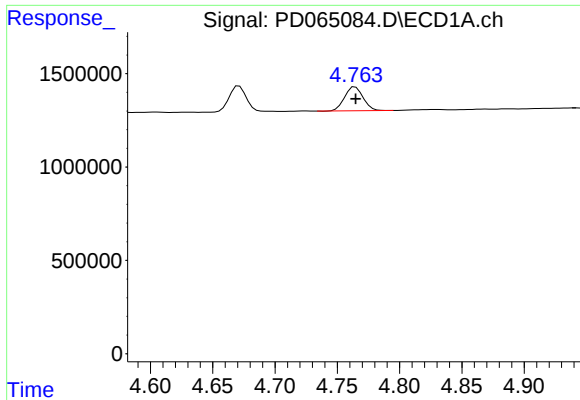
#4 Heptachlor

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 1659086
Conc: 1.27 ng/ml



#4 Heptachlor

R.T.: 5.196 min
Delta R.T.: -0.002 min
Response: 11896741
Conc: 1.19 ng/ml m



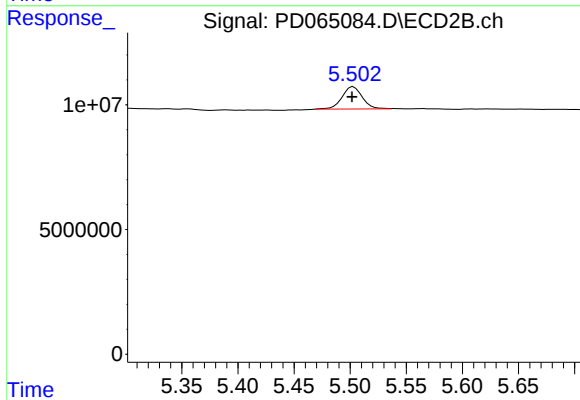
#5 Aldrin

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 1335778
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

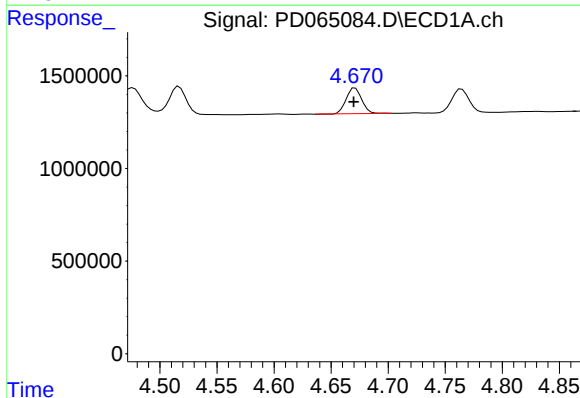
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:34 PM



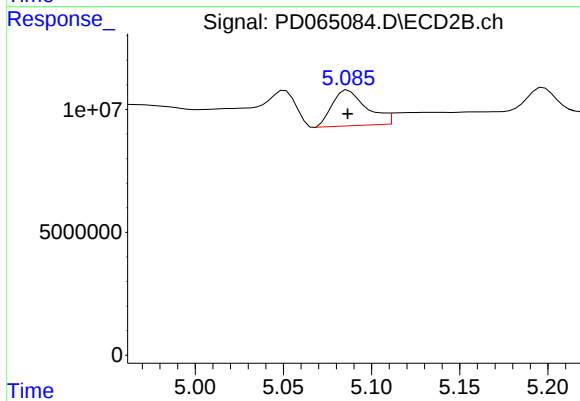
#5 Aldrin

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 11250818
Conc: 1.25 ng/ml m



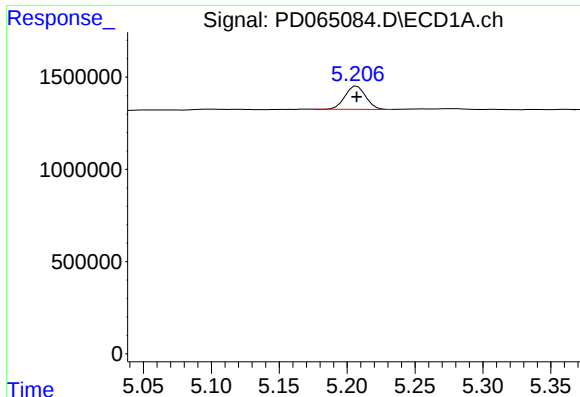
#7 delta-BHC

R.T.: 4.671 min
Delta R.T.: 0.001 min
Response: 1319751
Conc: 1.00 ng/ml



#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 19709530
Conc: 2.03 ng/ml



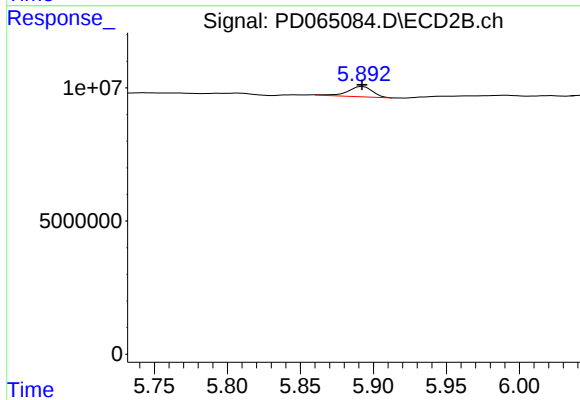
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 1329737
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

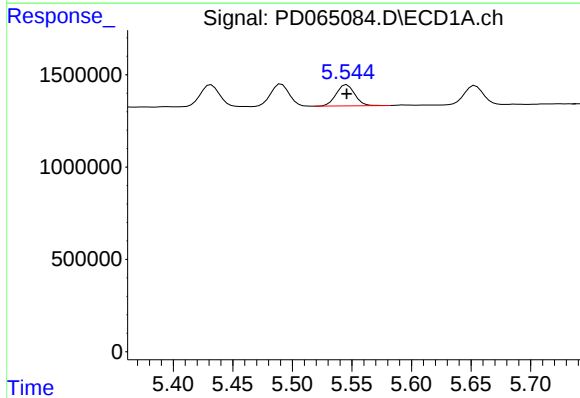
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:34 PM



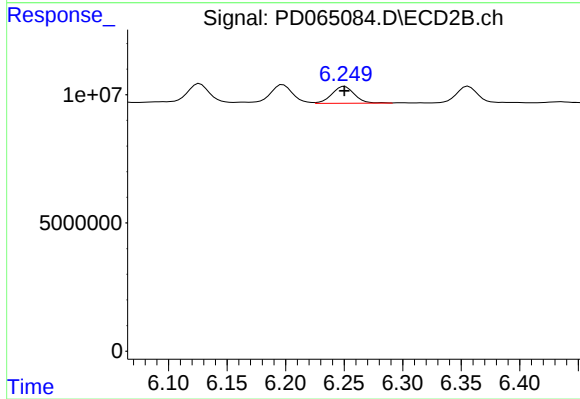
#8 Heptachlor epoxide

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 4569015
Conc: 0.61 ng/ml m



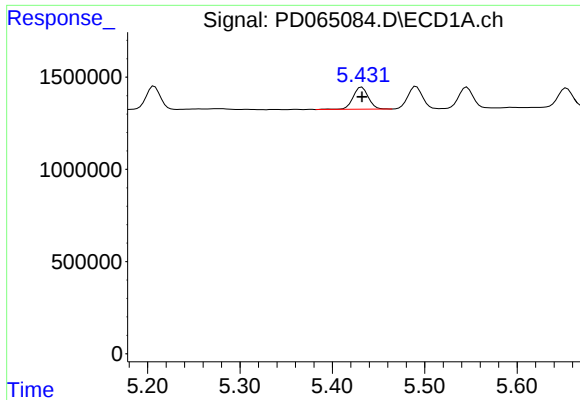
#9 Endosulfan I

R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 1243105
Conc: 1.17 ng/ml



#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 8787448
Conc: 1.25 ng/ml



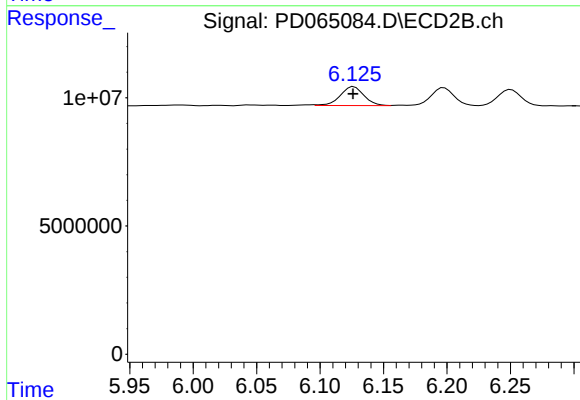
#10 gamma-Chlordane

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 1372645
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

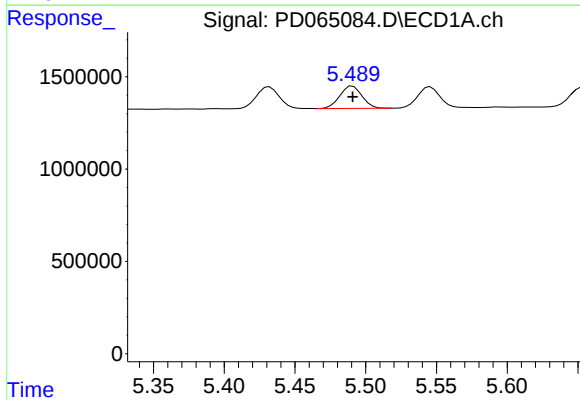
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:34 PM



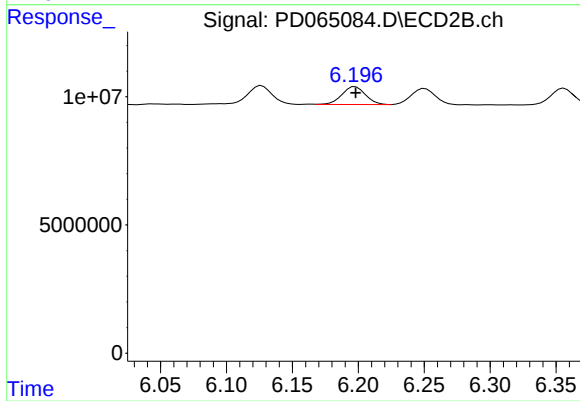
#10 gamma-Chlordane

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 9538536
Conc: 1.25 ng/ml m



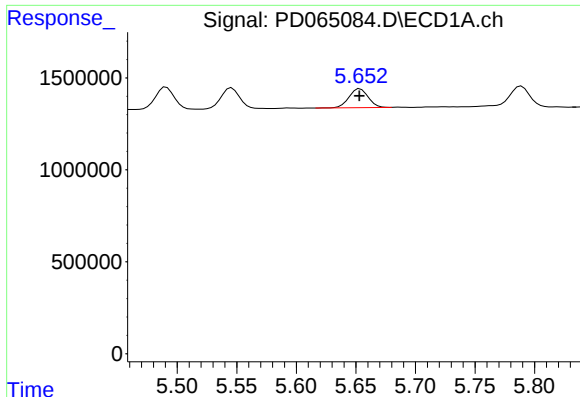
#11 alpha-Chlordane

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 1324575
Conc: 1.18 ng/ml



#11 alpha-Chlordane

R.T.: 6.196 min
Delta R.T.: -0.002 min
Response: 8793862
Conc: 1.18 ng/ml m



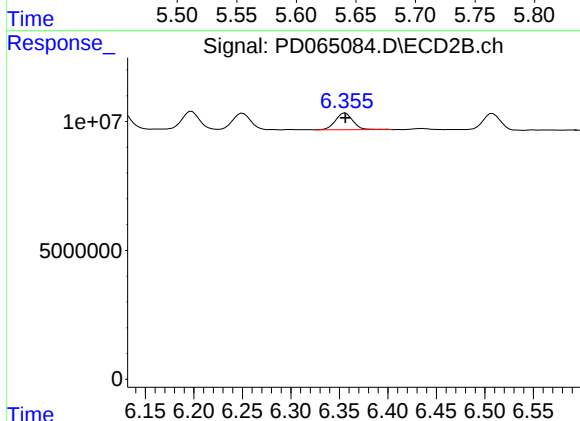
#12 4,4'-DDE

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 1146547
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

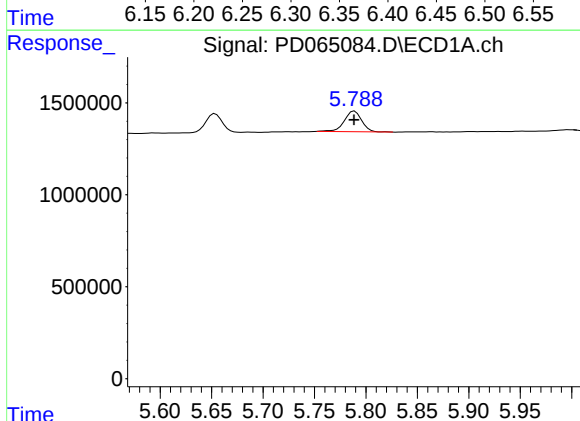
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:34 PM



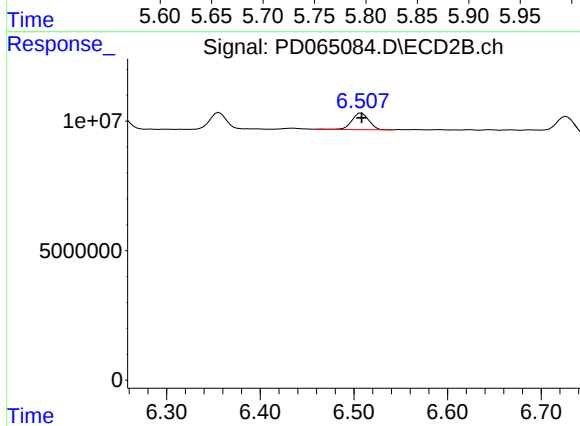
#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 7975698
Conc: 1.11 ng/ml



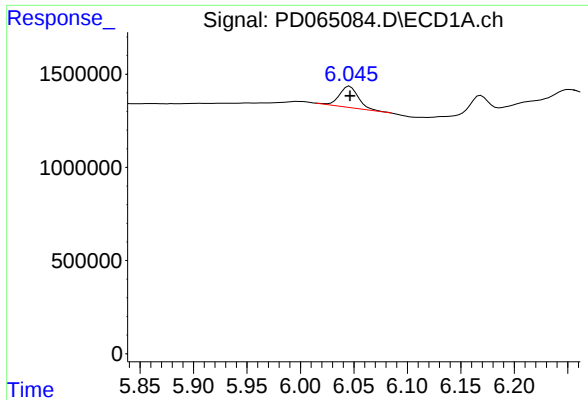
#13 Dieldrin

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 1321183
Conc: 1.18 ng/ml



#13 Dieldrin

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 8312518
Conc: 1.15 ng/ml



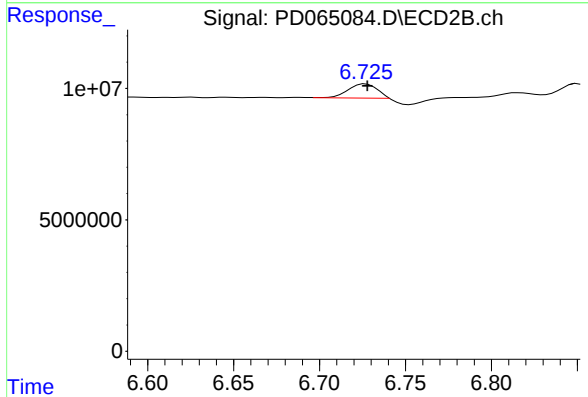
#14 Endrin

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 1358622
Conc: 1.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

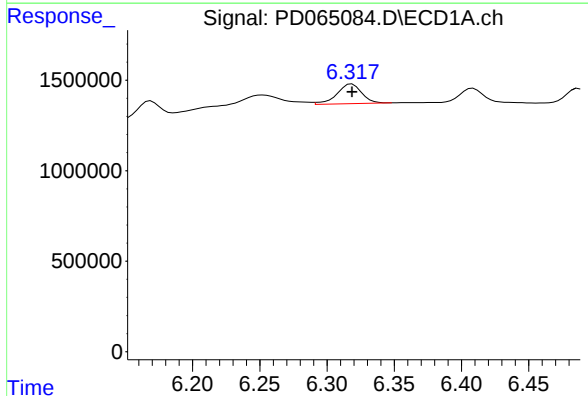
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:34 PM



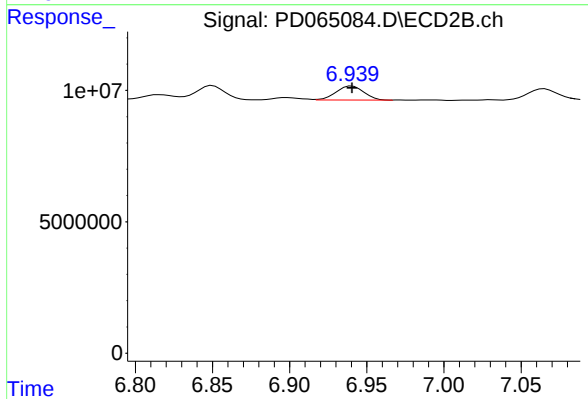
#14 Endrin

R.T.: 6.725 min
Delta R.T.: -0.002 min
Response: 6433795
Conc: 1.05 ng/ml m



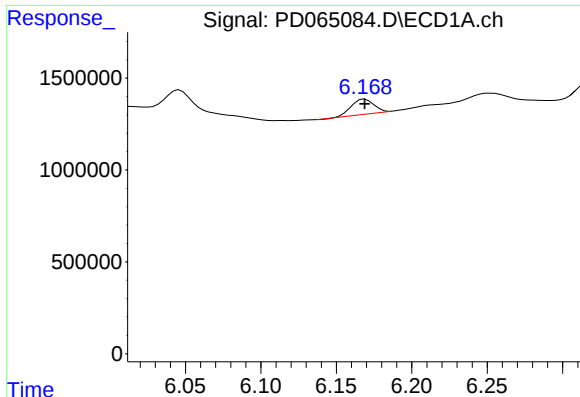
#15 Endosulfan II

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 1387987
Conc: 1.39 ng/ml



#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 6568162
Conc: 1.12 ng/ml



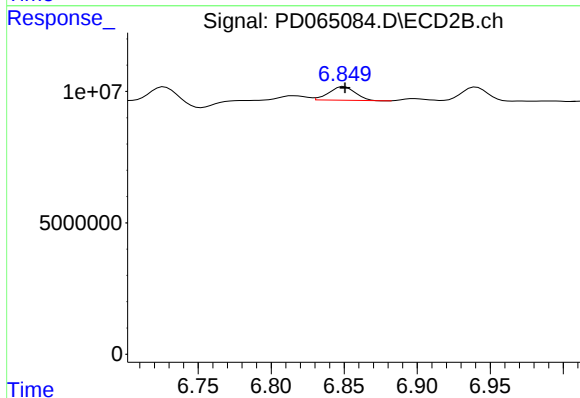
#16 4,4'-DDD

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 839033
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

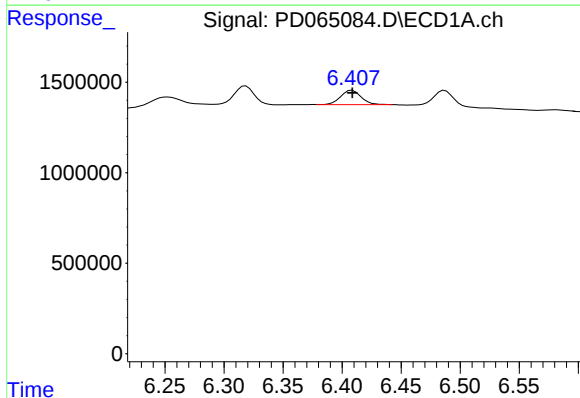
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:34 PM



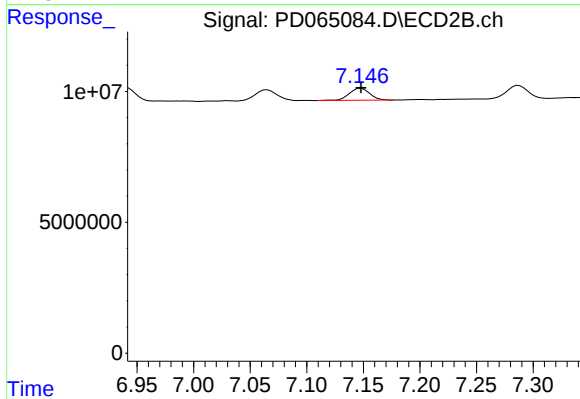
#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 6453307
Conc: 1.10 ng/ml



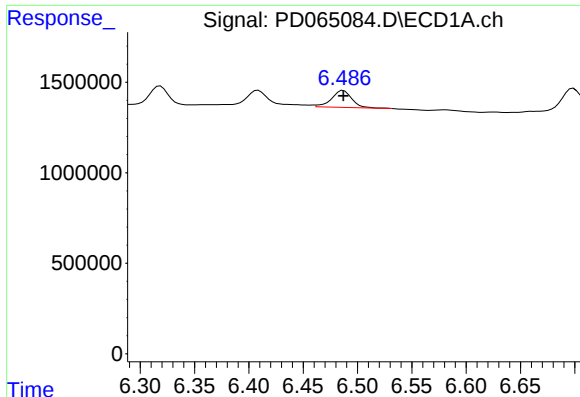
#17 4,4'-DDT

R.T.: 6.407 min
Delta R.T.: -0.001 min
Response: 967271
Conc: 0.97 ng/ml m



#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 5875851
Conc: 0.98 ng/ml



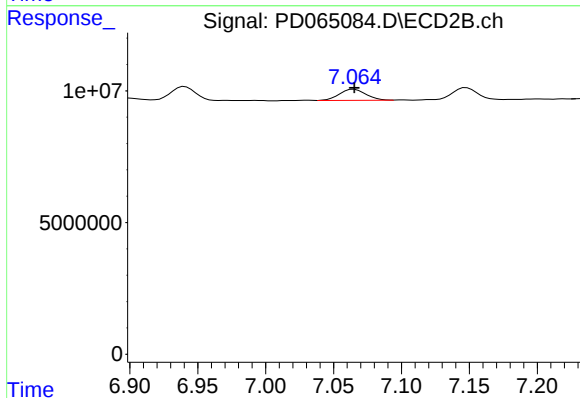
#18 Endrin aldehyde

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 1196517
Conc: 1.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

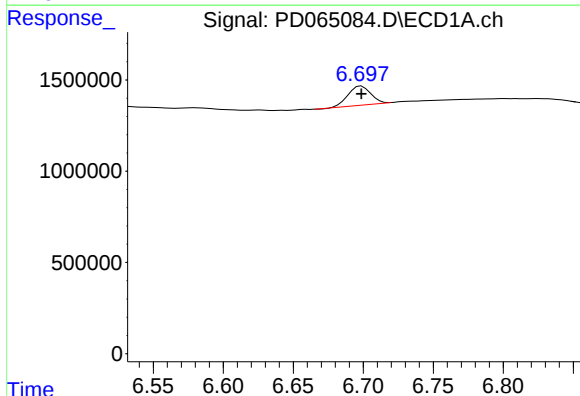
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:34 PM



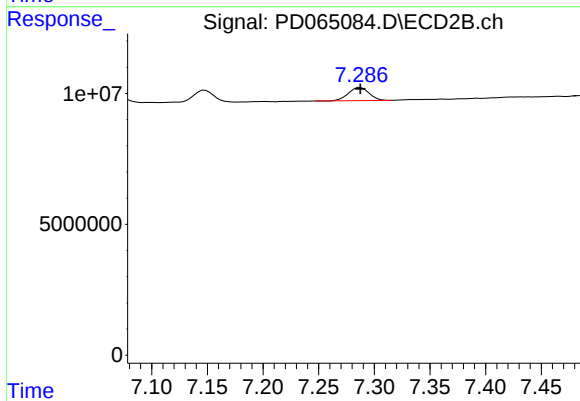
#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 5749565
Conc: 1.23 ng/ml



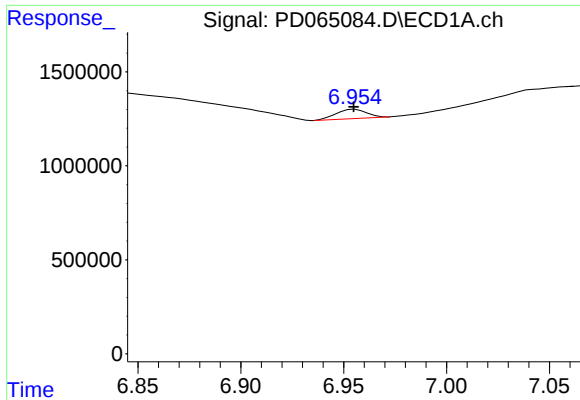
#19 Endosulfan Sulfate

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 1167599
Conc: 1.10 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 6550913
Conc: 1.14 ng/ml



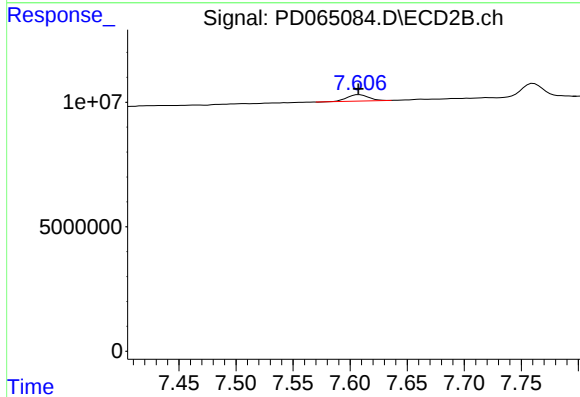
#20 Methoxychlor

R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 508351
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

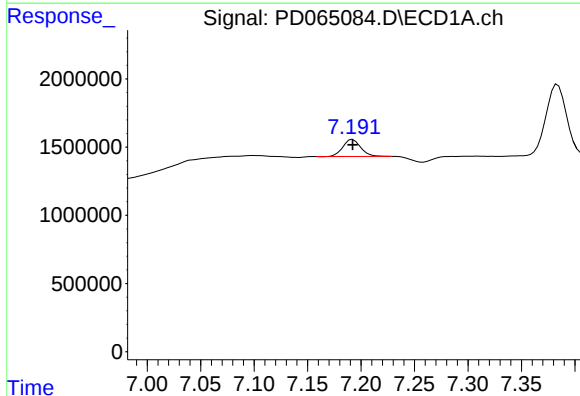
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:34 PM



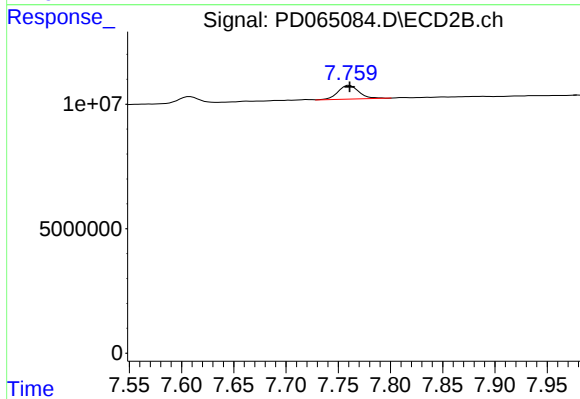
#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 3335815
Conc: 1.10 ng/ml



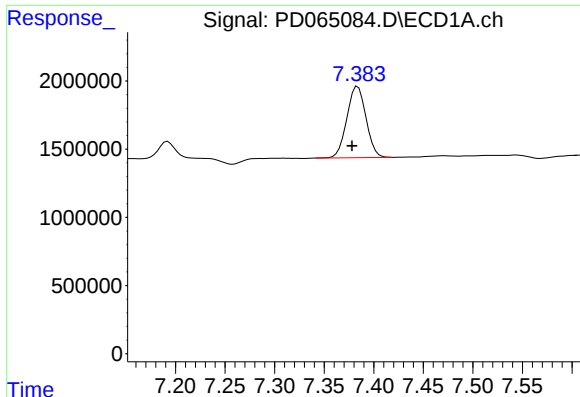
#21 Endrin ketone

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 1452319
Conc: 1.14 ng/ml



#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 7865492
Conc: 1.21 ng/ml



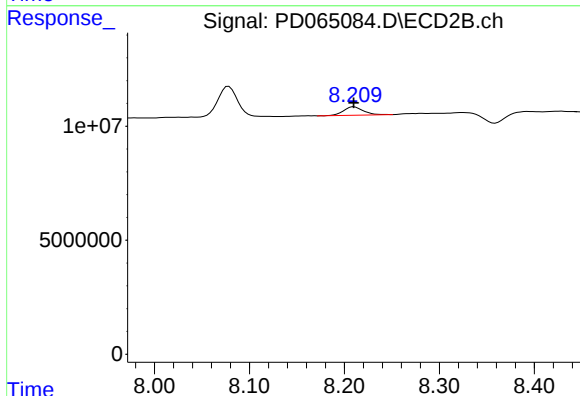
#22 Mirex

R.T.: 7.384 min
Delta R.T.: 0.006 min
Response: 7018959
Conc: 6.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2021

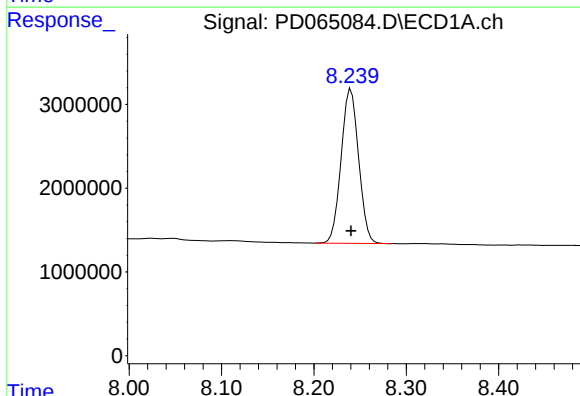
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:34 PM



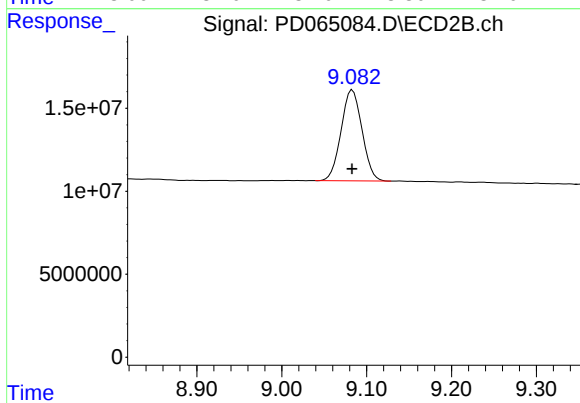
#22 Mirex

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 5325206
Conc: 1.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 24257063
Conc: 21.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 94022904
Conc: 19.87 ng/ml