

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031922\
 Data File : PD068682.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2022 10:25
 Operator : AR\AJ
 Sample : N1645-01
 Misc : PEST IOD 1PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/21/2022
 Supervised By : mohammad ahmed 03/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 00:42:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 2022
 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 x 0.2 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...	3.448	4.175	24796805	204.1E6	20.423	21.349
28)	SA Decachlor...	8.207	9.370	26612774	124.4E6	21.065	21.957
Target Compounds							
2)	A alpha-BHC	3.888	4.570	2112279	19472892	1.167	1.415
3)	MA gamma-BHC...	4.171	4.862	1836437	18052408	1.100	1.444 #
4)	MA Heptachlor	4.469	5.389	1999434	17583686	1.214	1.480
5)	MB Aldrin	4.717	5.702	1907306	18227055	1.193	1.588 #
6)	B beta-BHC	4.421	5.024	992006	7096343	1.332	1.293
7)	B delta-BHC	4.625	5.250	1850365	18763086	1.132	1.560 #
8)	B Heptachlo...	5.161	6.089	1932439	16750516	1.292	1.604
9)	A Endosulfan I	5.499	6.452	1764276	14811080	1.261	1.579 #
10)	B gamma-Chl...	5.387	6.326	2010622	16163334	1.325	1.568
11)	B alpha-Chl...	5.446	6.400	1988697	15947366	1.331	1.602
12)	B 4,4'-DDE	5.612	6.551	1641332	14217316	1.200	1.534 #
13)	MA Dieldrin	5.744	6.711	1840296	14896792	1.260	1.534
14)	MA Endrin	6.001	6.931	1635639	11747070	1.242	1.518
15)	B Endosulfa...	6.275	7.136	1764412	13221619	1.416	1.749
16)	A 4,4'-DDD	6.129	7.040	1444399	11814569	1.225	1.600m#
17)	MA 4,4'-DDT	6.370	7.345	1185108	9758444	0.986	1.328 #
18)	B Endrin al...	6.446	7.260	1550548	10581813	1.562	1.749
19)	B Endosulfa...	6.658	7.485	1751940	11539461	1.370	1.569
20)	A Methoxychlor	6.921	7.798	823851	5023383	1.189	1.378
21)	B Endrin ke...	7.151	7.960	1954233	13018088	1.327	1.680 #
22)	Mirex	7.335	8.426	1802865	8975623	1.521	1.637

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031922\
Data File : PD068682.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2022 10:25
Operator : AR\AJ
Sample : N1645-01
Misc : PEST IOD 1PPB
ALS Vial : 6 Sample Multiplier: 1

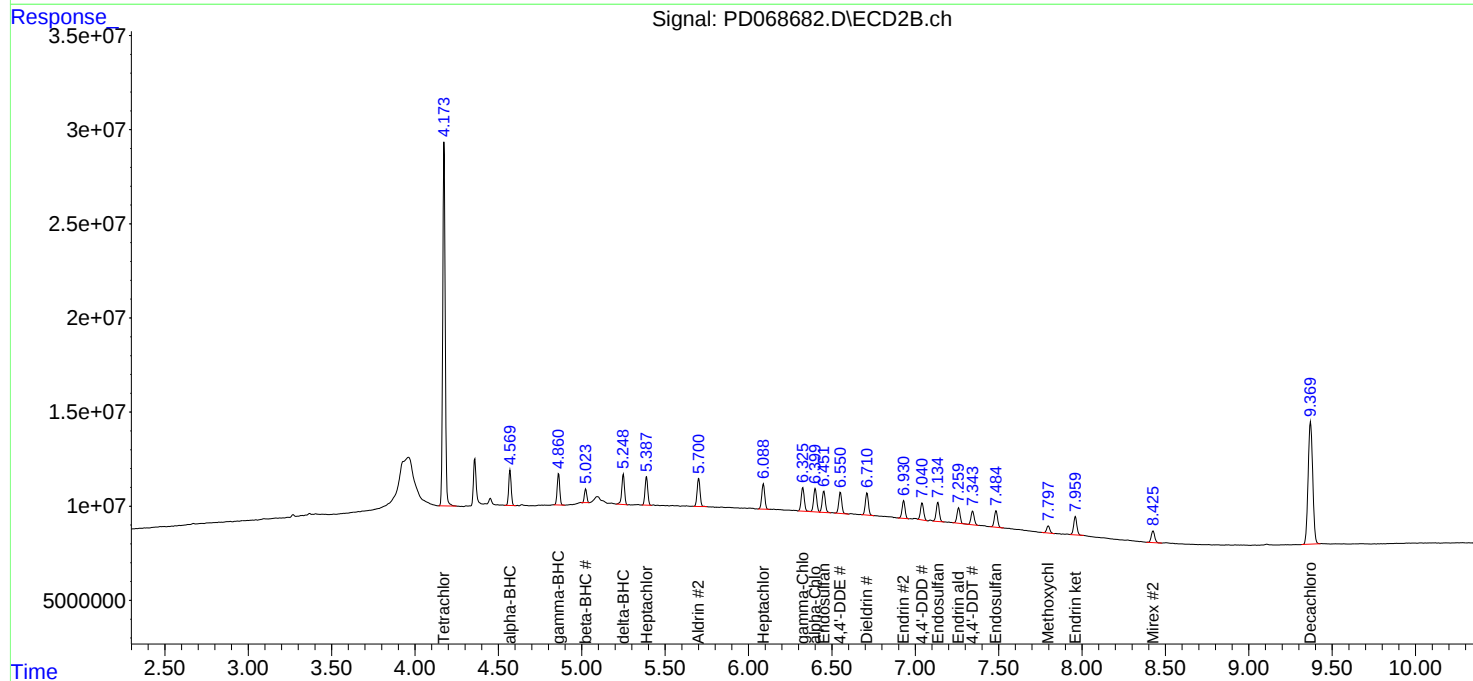
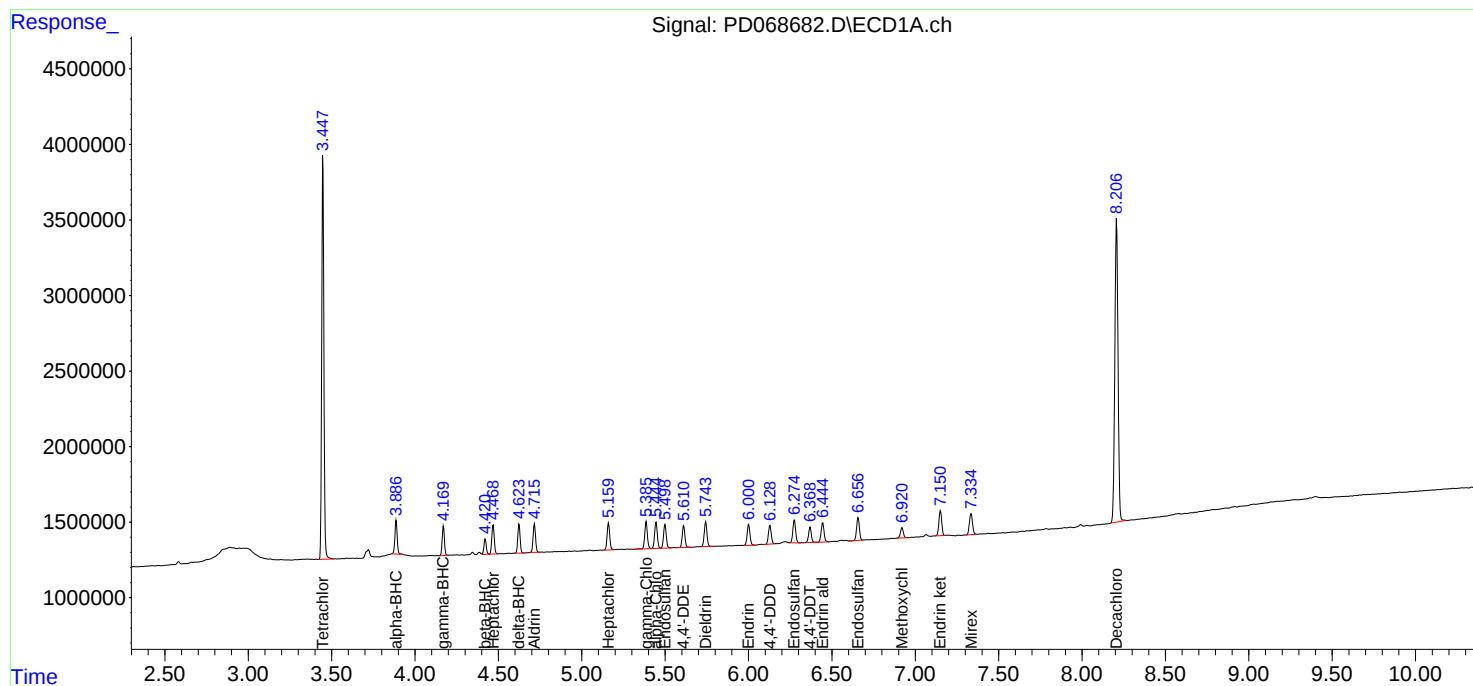
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

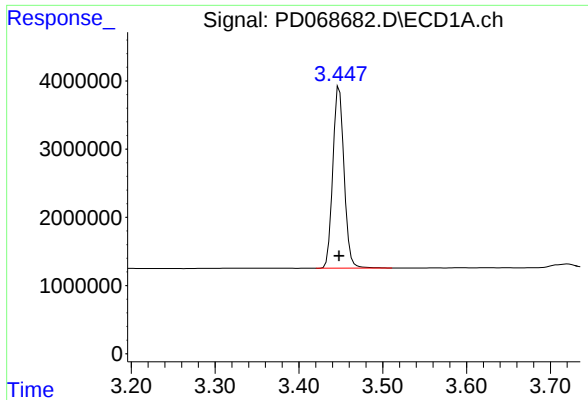
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 00:42:42 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 03:30:32 2022
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





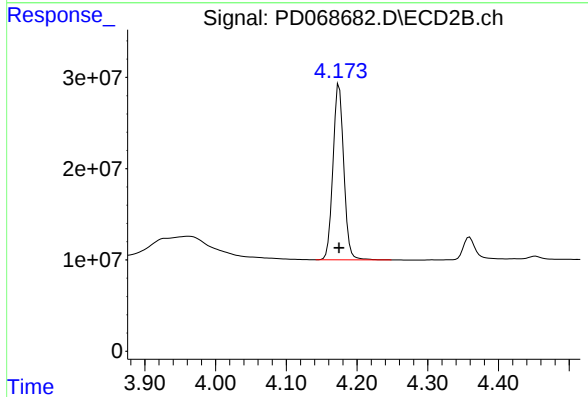
#1 Tetrachloro-m-xylene

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 24796805
Conc: 20.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

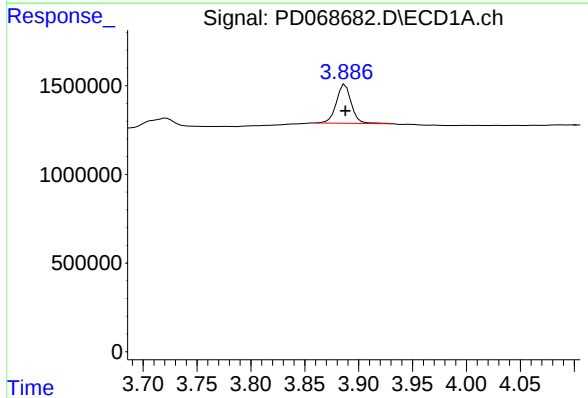
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022



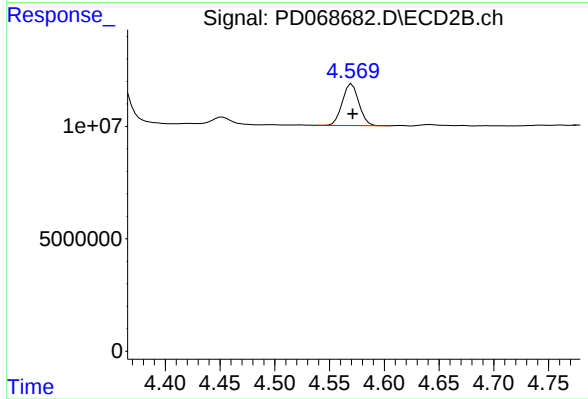
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 204116726
Conc: 21.35 ng/ml



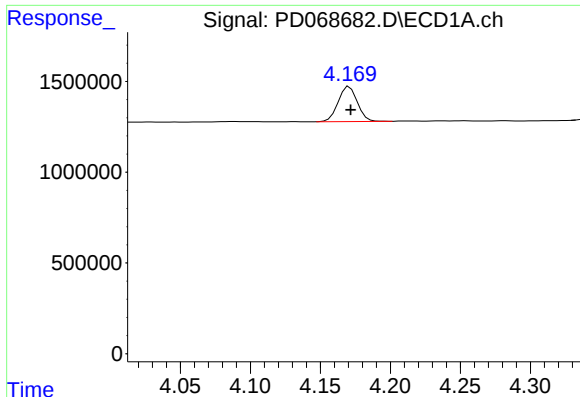
#2 alpha-BHC

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 2112279
Conc: 1.17 ng/ml



#2 alpha-BHC

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 19472892
Conc: 1.41 ng/ml



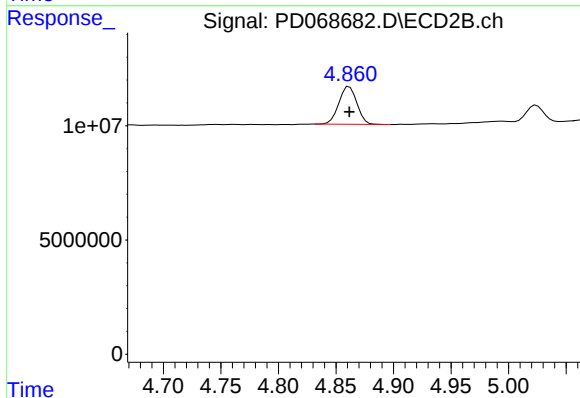
#3 gamma-BHC (Lindane)

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 1836437
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

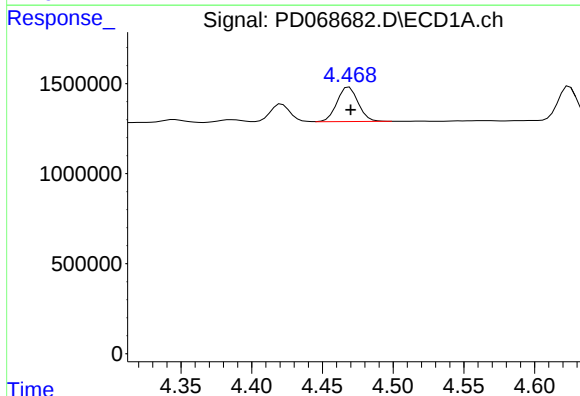
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022



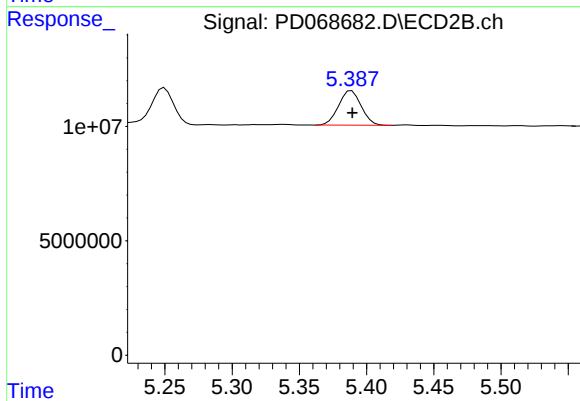
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 18052408
Conc: 1.44 ng/ml



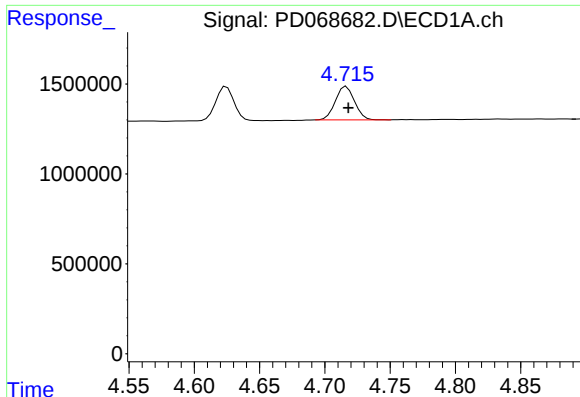
#4 Heptachlor

R.T.: 4.469 min
Delta R.T.: -0.001 min
Response: 1999434
Conc: 1.21 ng/ml



#4 Heptachlor

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 17583686
Conc: 1.48 ng/ml



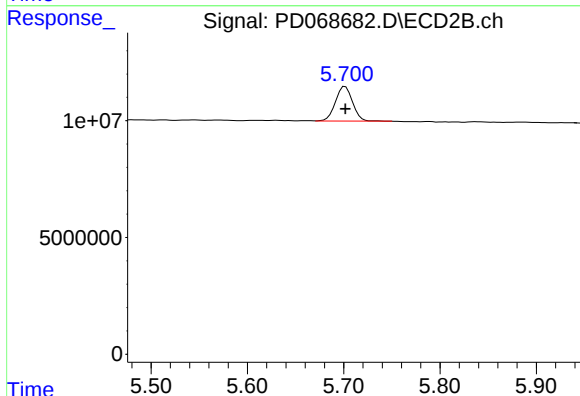
#5 Aldrin

R.T.: 4.717 min
Delta R.T.: -0.001 min
Response: 1907306
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

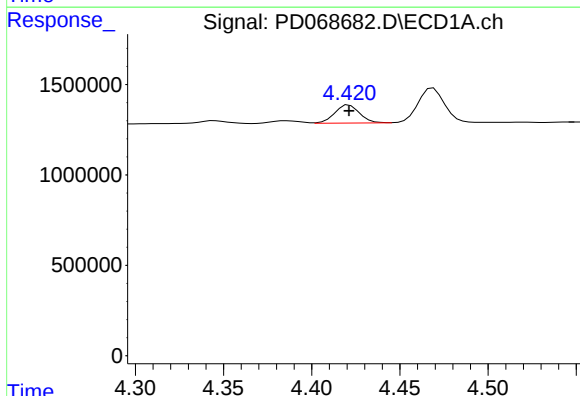
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022



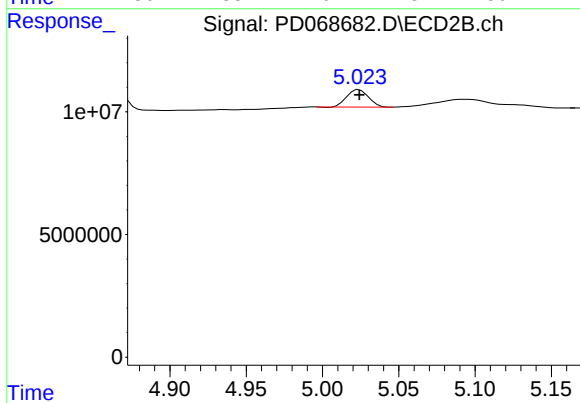
#5 Aldrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 18227055
Conc: 1.59 ng/ml



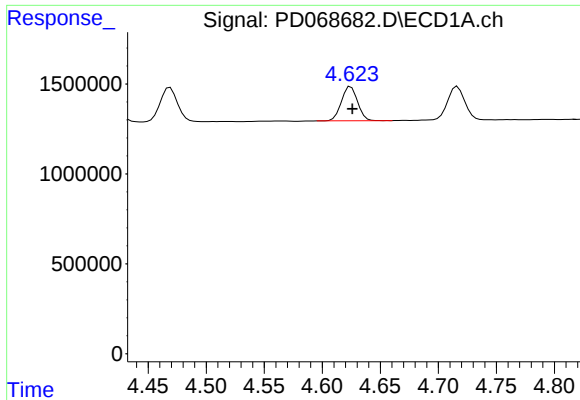
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 992006
Conc: 1.33 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 7096343
Conc: 1.29 ng/ml



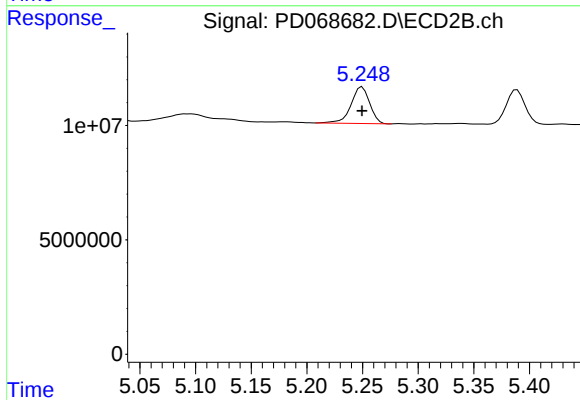
#7 delta-BHC

R.T.: 4.625 min
Delta R.T.: -0.001 min
Response: 1850365
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

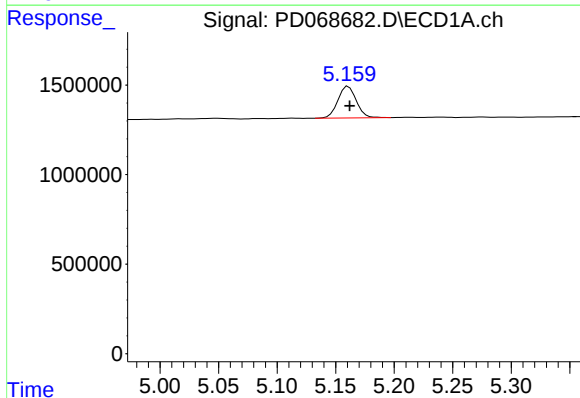
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022



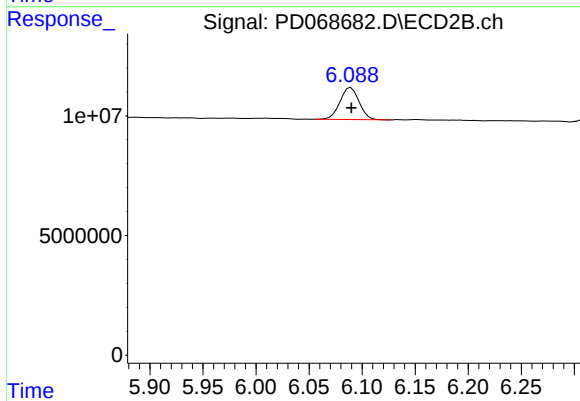
#7 delta-BHC

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 18763086
Conc: 1.56 ng/ml



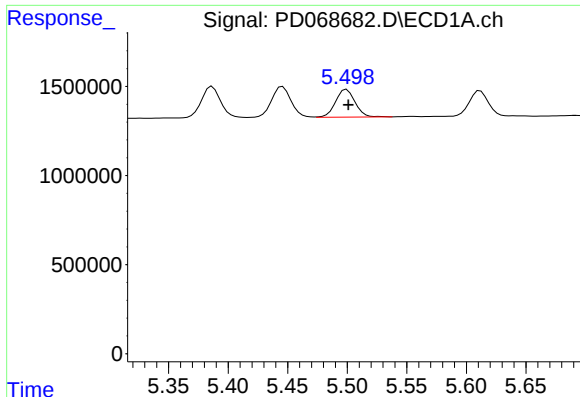
#8 Heptachlor epoxide

R.T.: 5.161 min
Delta R.T.: -0.001 min
Response: 1932439
Conc: 1.29 ng/ml



#8 Heptachlor epoxide

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 16750516
Conc: 1.60 ng/ml



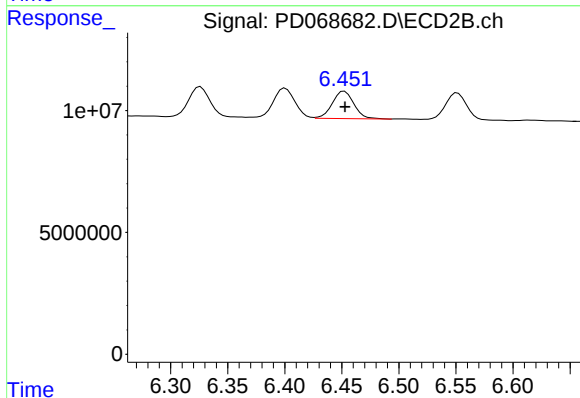
#9 Endosulfan I

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 1764276
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

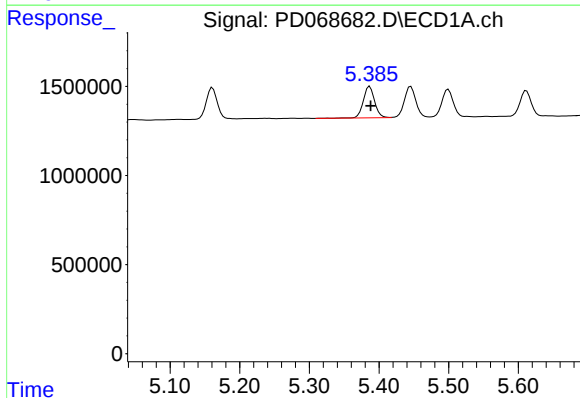
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022



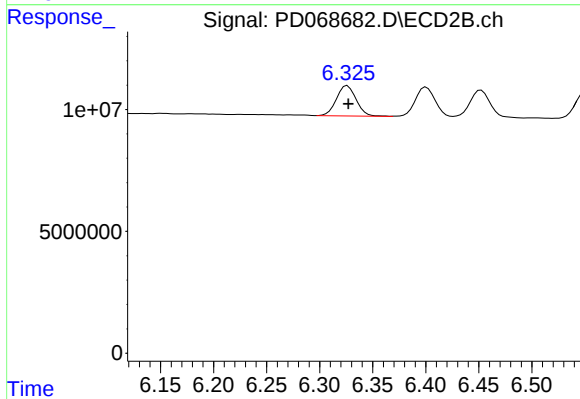
#9 Endosulfan I

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 14811080
Conc: 1.58 ng/ml



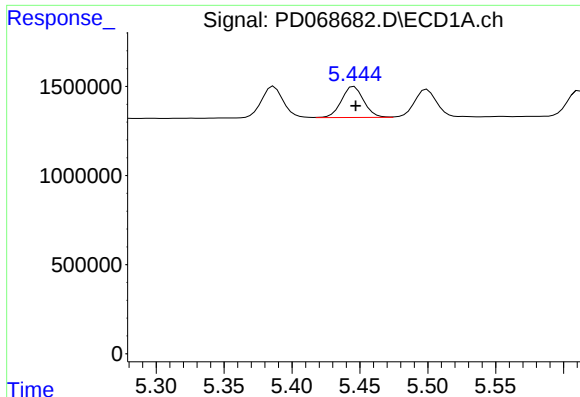
#10 gamma-Chlordane

R.T.: 5.387 min
Delta R.T.: -0.001 min
Response: 2010622
Conc: 1.33 ng/ml



#10 gamma-Chlordane

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 16163334
Conc: 1.57 ng/ml



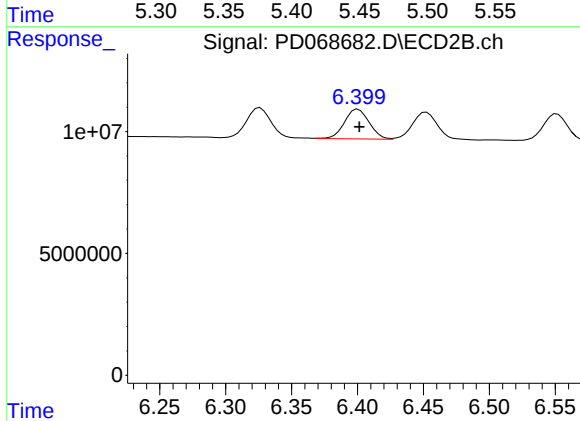
#11 alpha-Chlordane

R.T.: 5.446 min
Delta R.T.: -0.001 min
Response: 1988697
Conc: 1.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

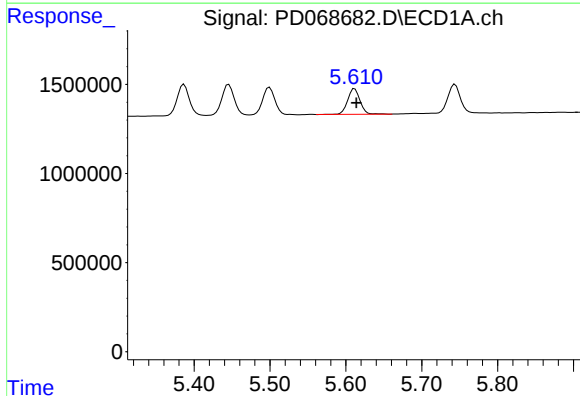
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022



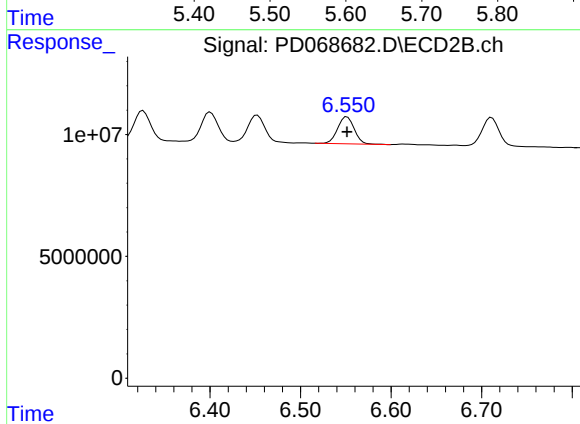
#11 alpha-Chlordane

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 15947366
Conc: 1.60 ng/ml



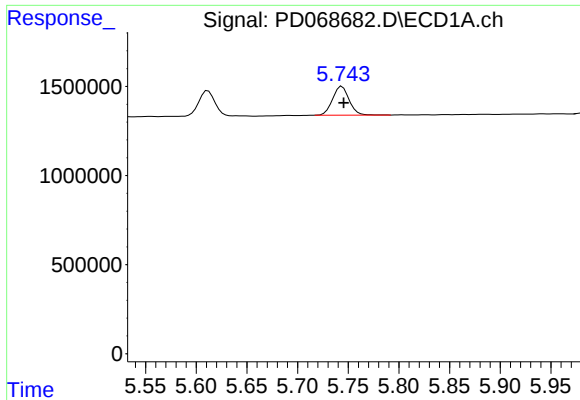
#12 4,4'-DDE

R.T.: 5.612 min
Delta R.T.: -0.002 min
Response: 1641332
Conc: 1.20 ng/ml



#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 14217316
Conc: 1.53 ng/ml



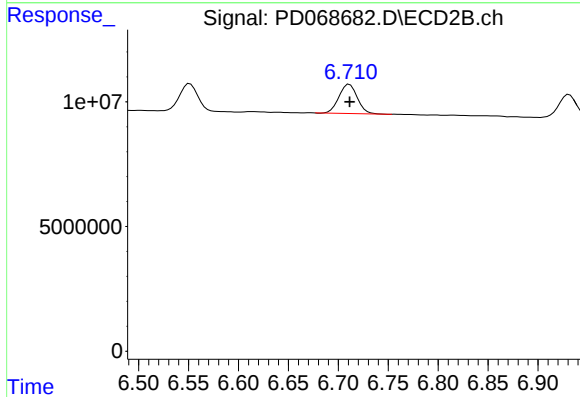
#13 Dieldrin

R.T.: 5.744 min
Delta R.T.: -0.001 min
Response: 1840296
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

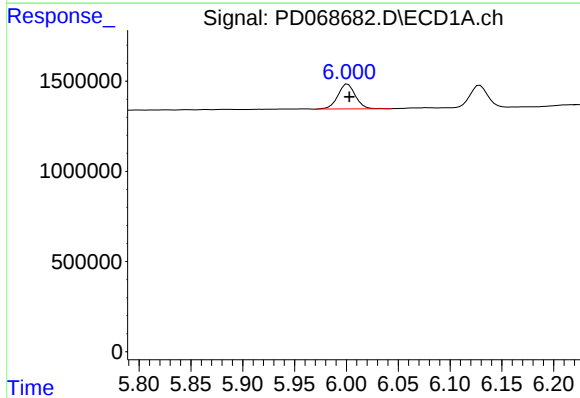
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022



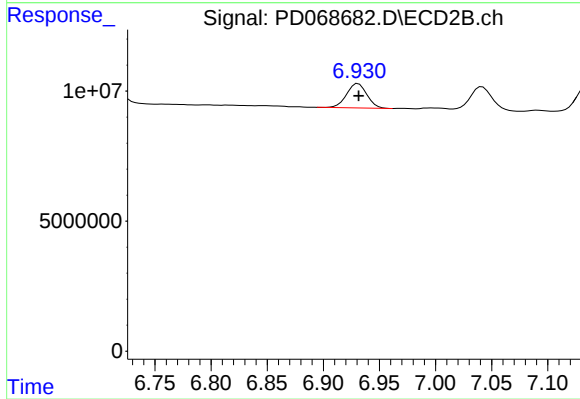
#13 Dieldrin

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 14896792
Conc: 1.53 ng/ml



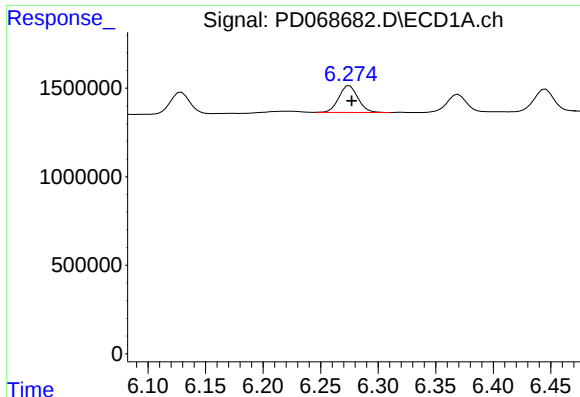
#14 Endrin

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 1635639
Conc: 1.24 ng/ml



#14 Endrin

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 11747070
Conc: 1.52 ng/ml



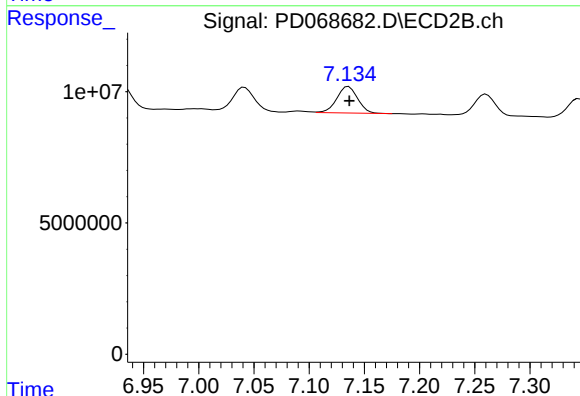
#15 Endosulfan II

R.T.: 6.275 min
Delta R.T.: -0.002 min
Response: 1764412
Conc: 1.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

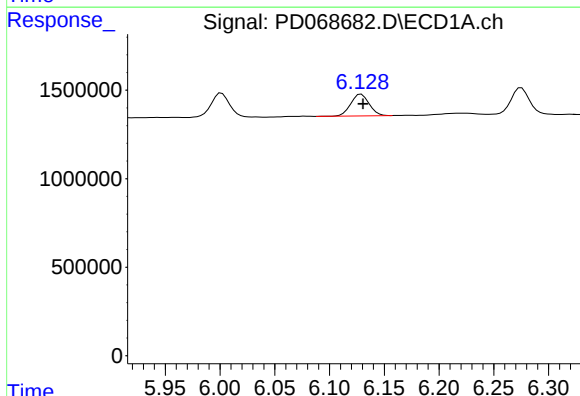
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022



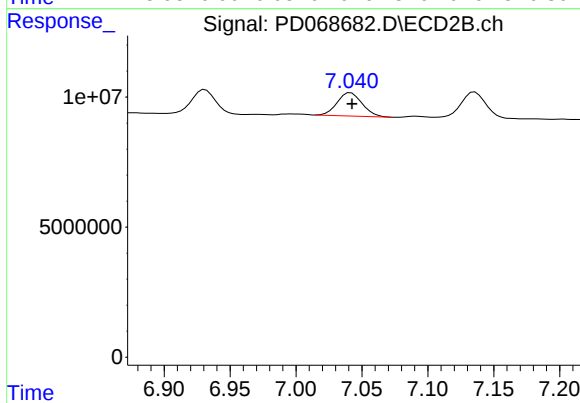
#15 Endosulfan II

R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 13221619
Conc: 1.75 ng/ml



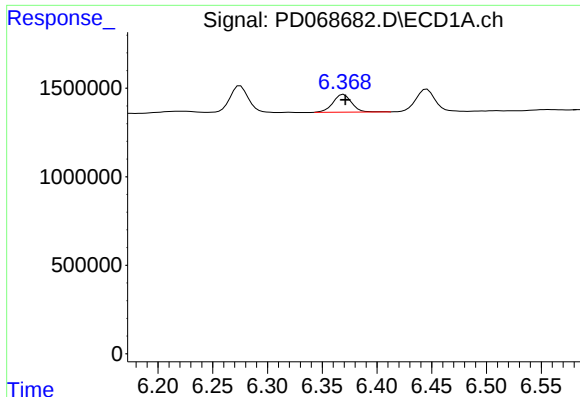
#16 4,4'-DDD

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 1444399
Conc: 1.22 ng/ml



#16 4,4'-DDD

R.T.: 7.040 min
Delta R.T.: -0.002 min
Response: 11814569
Conc: 1.60 ng/ml m



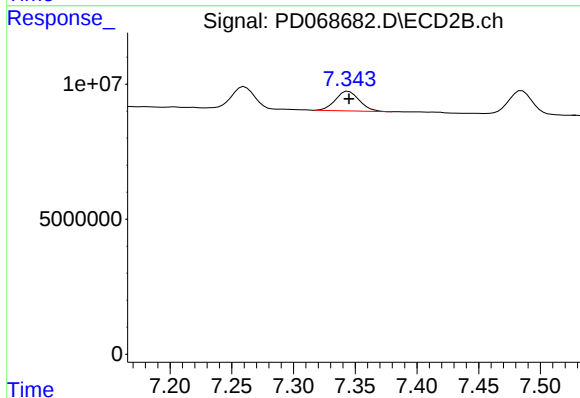
#17 4,4'-DDT

R.T.: 6.370 min
Delta R.T.: -0.001 min
Response: 1185108
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

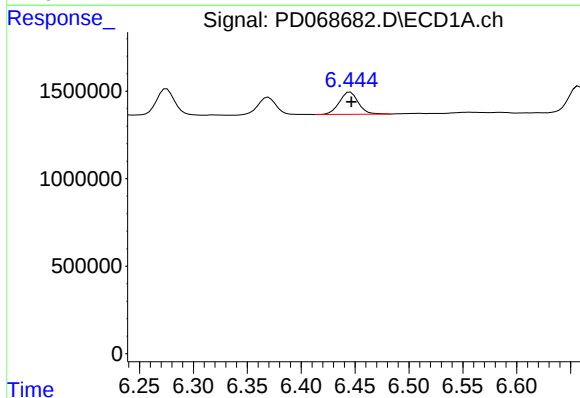
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022



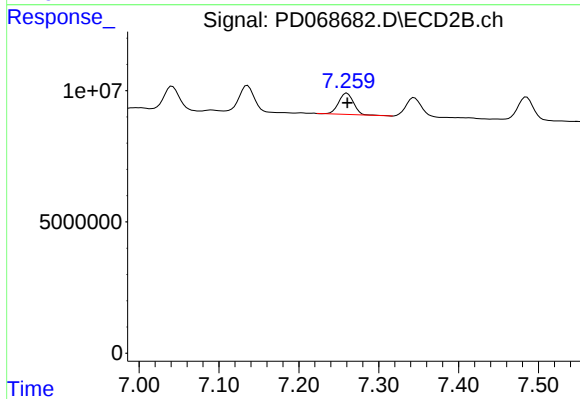
#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 9758444
Conc: 1.33 ng/ml



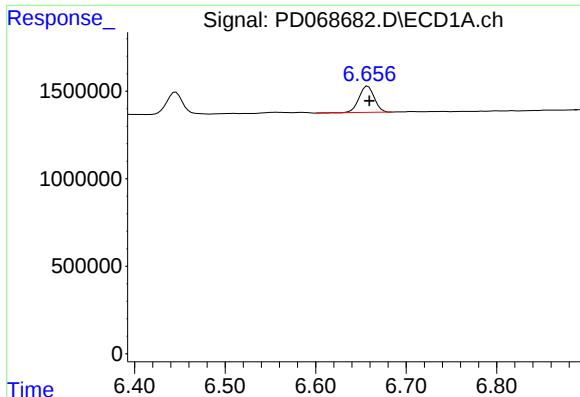
#18 Endrin aldehyde

R.T.: 6.446 min
Delta R.T.: -0.001 min
Response: 1550548
Conc: 1.56 ng/ml



#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 10581813
Conc: 1.75 ng/ml



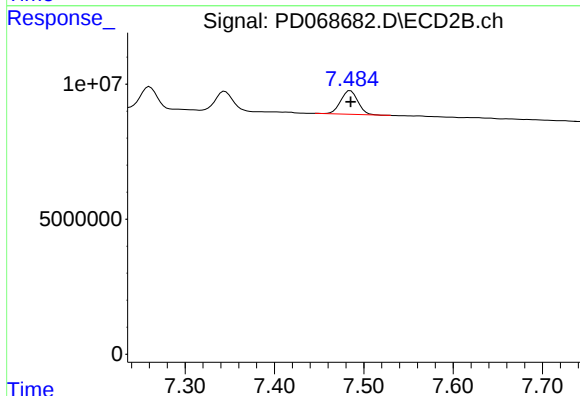
#19 Endosulfan Sulfate

R.T.: 6.658 min
Delta R.T.: -0.002 min
Response: 1751940
Conc: 1.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

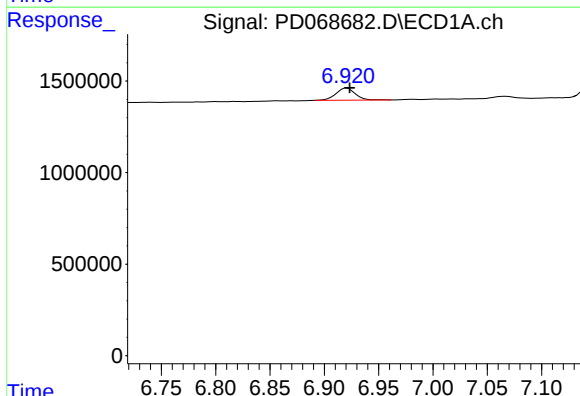
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022



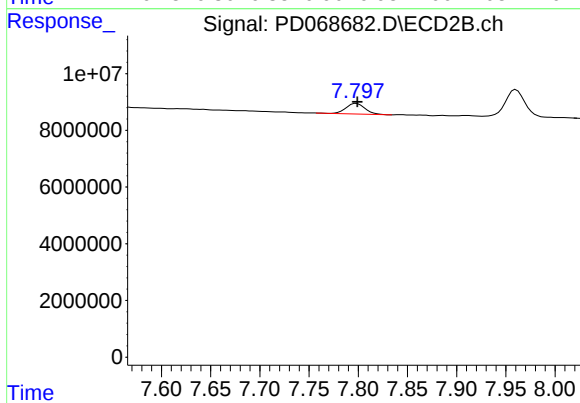
#19 Endosulfan Sulfate

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 11539461
Conc: 1.57 ng/ml



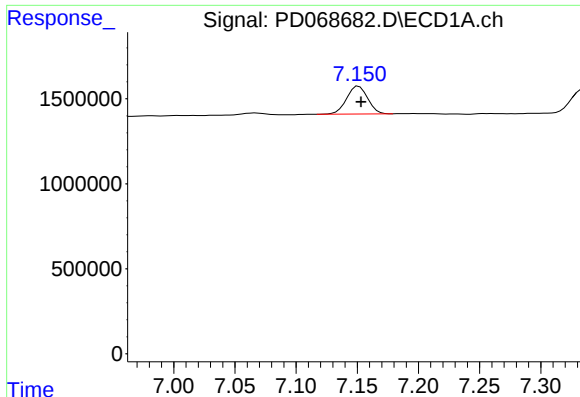
#20 Methoxychlor

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 823851
Conc: 1.19 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 5023383
Conc: 1.38 ng/ml



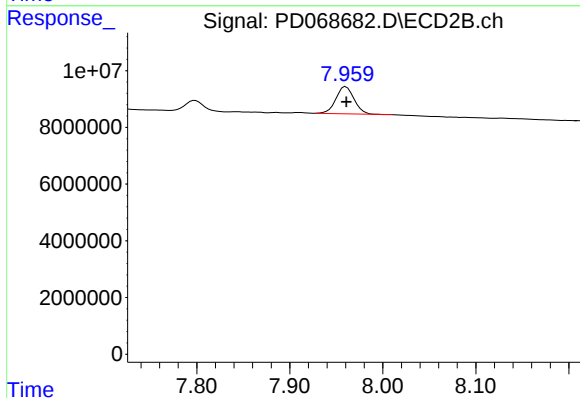
#21 Endrin ketone

R.T.: 7.151 min
Delta R.T.: -0.002 min
Response: 1954233
Conc: 1.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

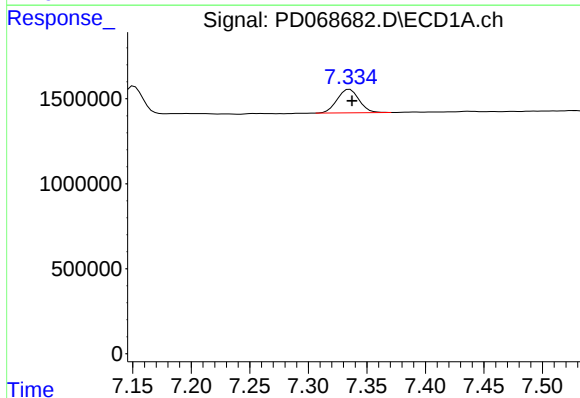
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022



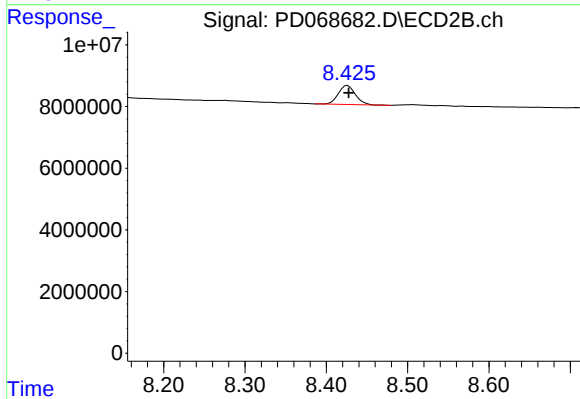
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 13018088
Conc: 1.68 ng/ml



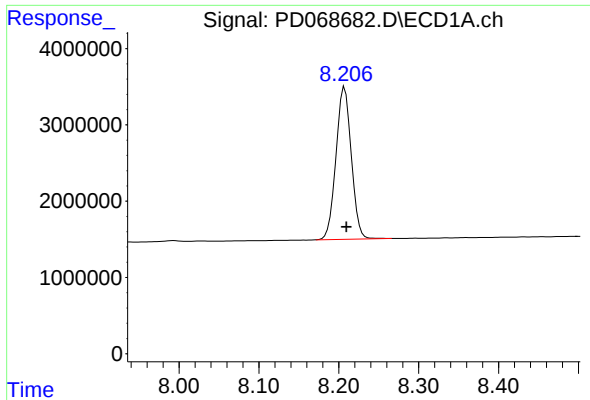
#22 Mirex

R.T.: 7.335 min
Delta R.T.: -0.002 min
Response: 1802865
Conc: 1.52 ng/ml



#22 Mirex

R.T.: 8.426 min
Delta R.T.: -0.001 min
Response: 8975623
Conc: 1.64 ng/ml



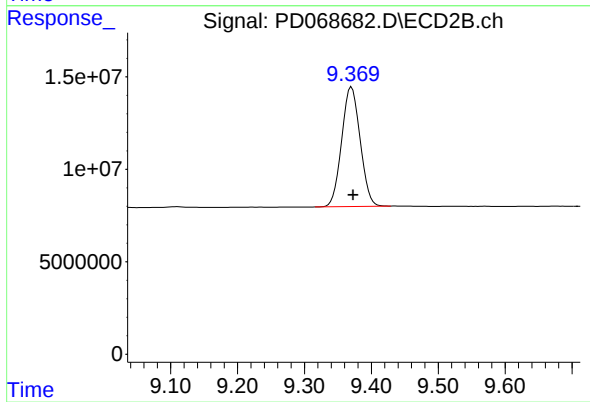
#28 Decachlorobiphenyl

R.T.: 8.207 min
Delta R.T.: -0.002 min
Response: 26612774
Conc: 21.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022



#28 Decachlorobiphenyl

R.T.: 9.370 min
Delta R.T.: -0.002 min
Response: 124424992
Conc: 21.96 ng/ml