

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031523\
 Data File : PD074242.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2023 15:53
 Operator : AR\AJ
 Sample : 01627-02
 Misc : PEST LOQ 5PPB SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2023

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/16/2023
 Supervised By : Ankita Jodhani 03/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 21:58:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 12:23:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.553	2.772	44027741	21900676	18.875	17.996
28)	SA Decachlor...	9.099	7.926	53019834	24696086	19.824	20.129
Target Compounds							
2)	A alpha-BHC	4.009	3.275	16657287	8071461	4.292	4.343
3)	MA gamma-BHC...	4.342	3.606	15932770	8047545	4.541	4.697
4)	MA Heptachlor	4.935	3.947	17526623	7649249	5.115	4.484
5)	MB Aldrin	5.279	4.228	17510524	7769774	5.200	4.605
6)	B beta-BHC	4.537	3.901	8635571	3853624	5.843	5.103
7)	B delta-BHC	4.784	4.132	18136822	7419153	6.609m	4.359 #
8)	B Heptachlo...	5.704	4.731	16122743	7440325	5.732m	4.847
9)	A Endosulfan I	6.092	5.101	15150695	6881223	5.329	4.782
10)	B gamma-Chl...	5.962	4.982	15832285	7369728	5.275	4.746
11)	B alpha-Chl...	6.042	5.046	16251486	7512926	5.388	4.878
12)	B 4,4'-DDE	6.214	5.236	13796252	6294059	5.004	4.460
13)	MA Dieldrin	6.369	5.367	15447170	7249988	5.236	4.822
14)	MA Endrin	6.599	5.642	12724184	6353437	5.120	4.861
15)	B Endosulfa...	6.816	5.936	14504450	6688147	5.631m	5.315
16)	A 4,4'-DDD	6.731	5.791	11691694	5494965	5.212	4.707
17)	MA 4,4'-DDT	7.047	6.042	12778281	5718137	5.013	4.656
18)	B Endrin al...	6.948	6.116	12262095	5764370	6.134	5.676
19)	B Endosulfa...	7.183	6.339	13880688	6380002	5.622	5.226
20)	A Methoxychlor	7.523	6.619	8312650	3512395	5.941	5.191
21)	B Endrin ke...	7.670	6.846	16558642	7956534	5.948	5.394
22)	Mirex	8.146	7.031	13157057	6724800	6.196	5.920

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031523\
Data File : PD074242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Mar 2023 15:53
Operator : AR\AJ
Sample : 01627-02
Misc : PEST LOQ 5PPB SOIL
ALS Vial : 17 Sample Multiplier: 1

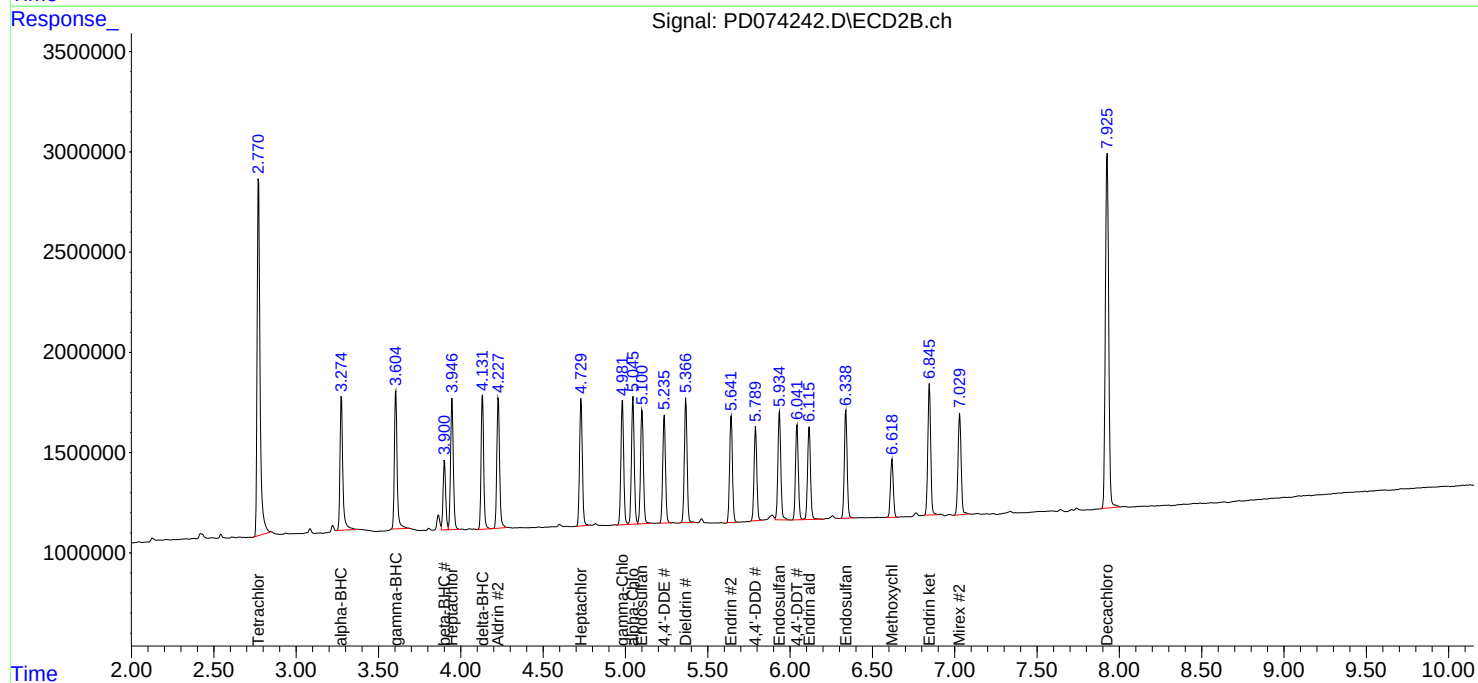
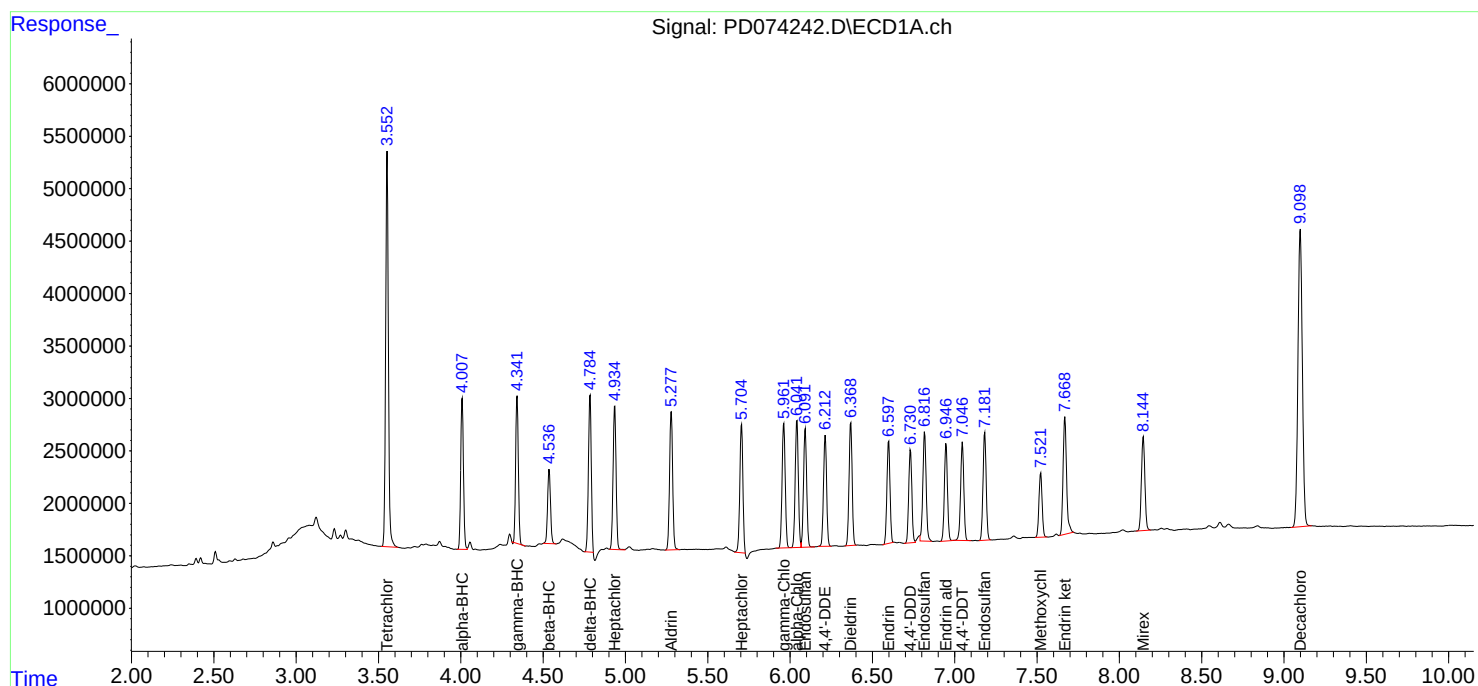
Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

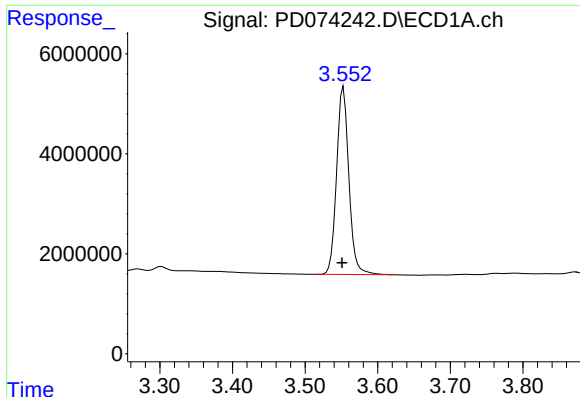
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 03/16/2023
Supervised By : Ankita Jodhani 03/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 15 21:58:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
Quant Title : GC Extractables
QLast Update : Wed Mar 15 12:23:31 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





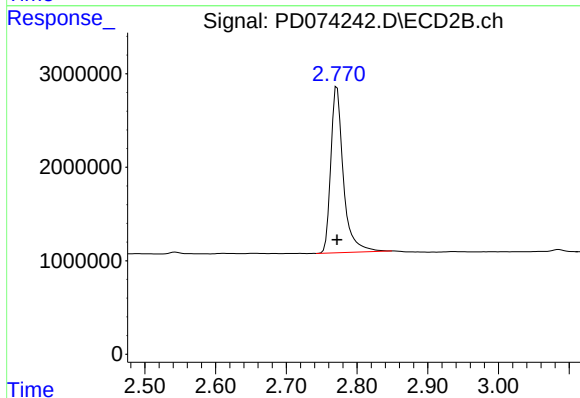
#1 Tetrachloro-m-xylene

R.T.: 3.553 min
Delta R.T.: 0.002 min
Response: 44027741
Conc: 18.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

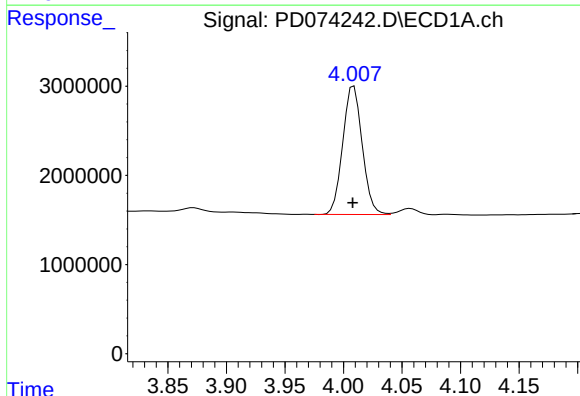
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/16/2023
Supervised By :Ankita Jodhani 03/16/2023



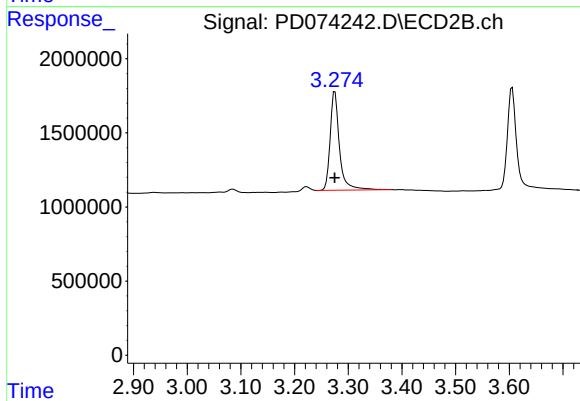
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 21900676
Conc: 18.00 ng/ml



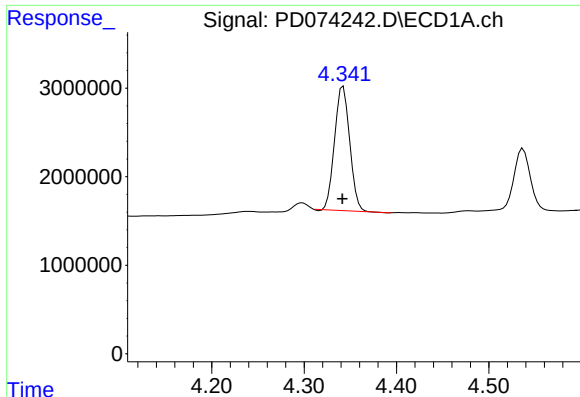
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 16657287
Conc: 4.29 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 8071461
Conc: 4.34 ng/ml



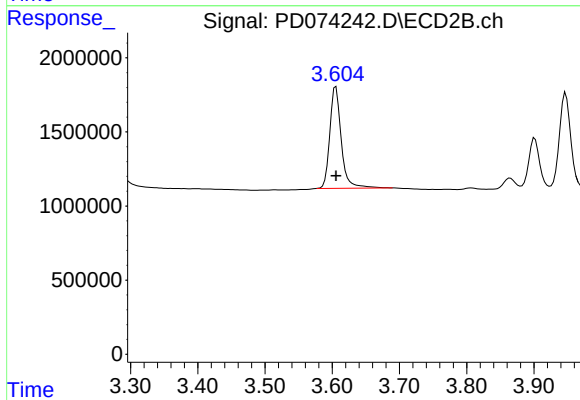
#3 gamma-BHC (Lindane)

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 15932770
Conc: 4.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

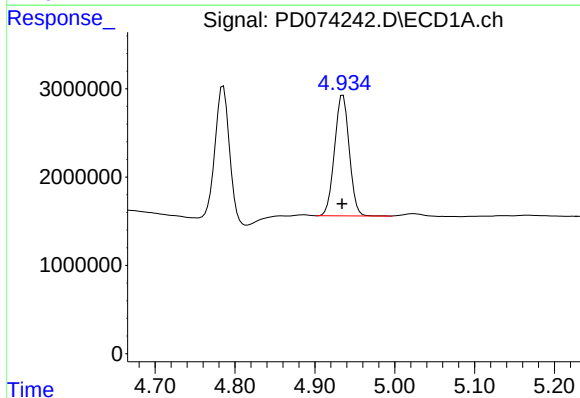
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/16/2023
Supervised By :Ankita Jodhani 03/16/2023



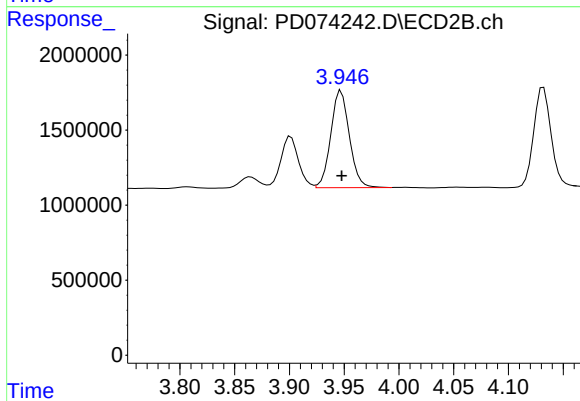
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 8047545
Conc: 4.70 ng/ml



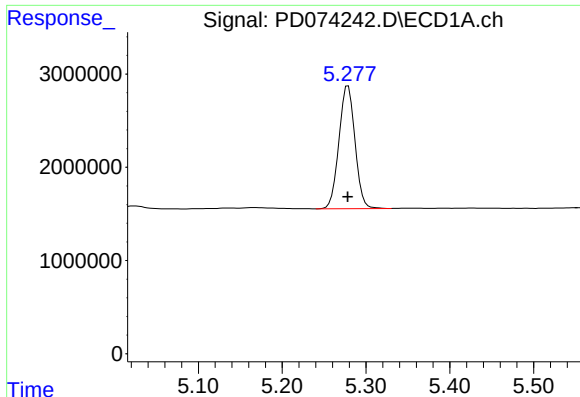
#4 Heptachlor

R.T.: 4.935 min
Delta R.T.: 0.001 min
Response: 17526623
Conc: 5.12 ng/ml



#4 Heptachlor

R.T.: 3.947 min
Delta R.T.: 0.000 min
Response: 7649249
Conc: 4.48 ng/ml



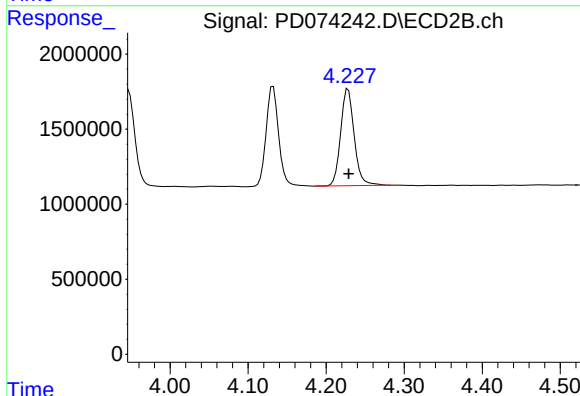
#5 Aldrin

R.T.: 5.279 min
Delta R.T.: 0.000 min
Response: 17510524
Conc: 5.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

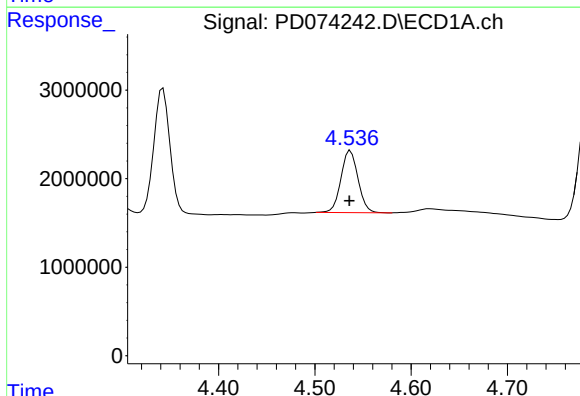
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/16/2023
Supervised By :Ankita Jodhani 03/16/2023



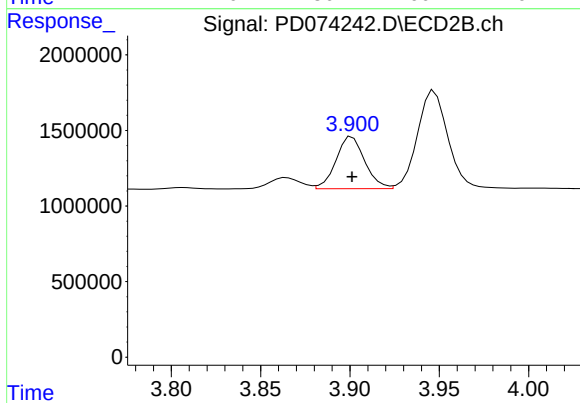
#5 Aldrin

R.T.: 4.228 min
Delta R.T.: 0.000 min
Response: 7769774
Conc: 4.61 ng/ml



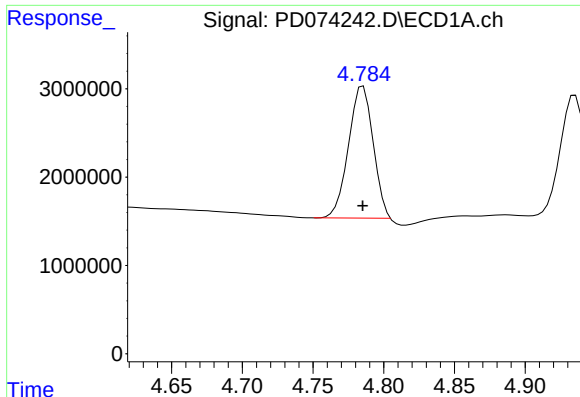
#6 beta-BHC

R.T.: 4.537 min
Delta R.T.: 0.001 min
Response: 8635571
Conc: 5.84 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 3853624
Conc: 5.10 ng/ml



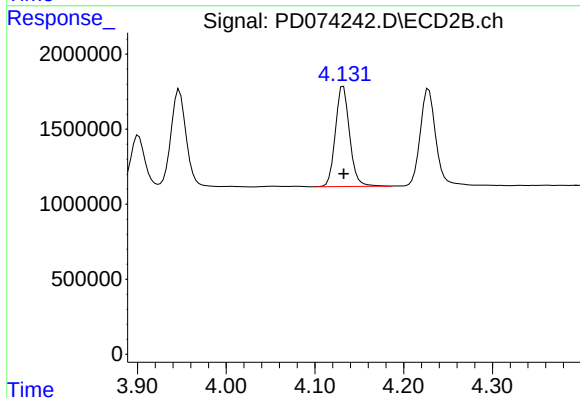
#7 delta-BHC

R.T.: 4.784 min
Delta R.T.: -0.001 min
Response: 18136822
Conc: 6.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

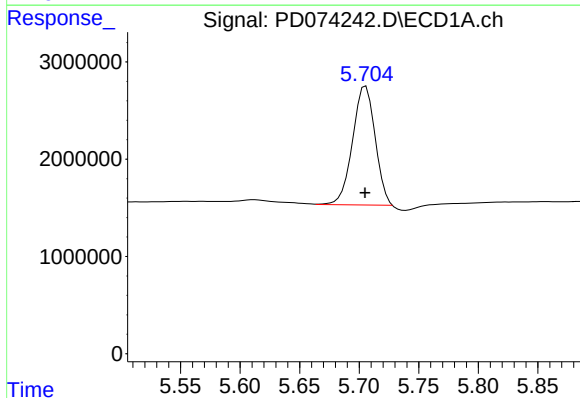
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/16/2023
Supervised By :Ankita Jodhani 03/16/2023



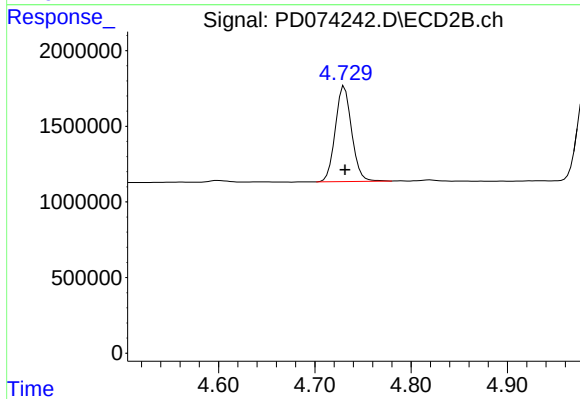
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 7419153
Conc: 4.36 ng/ml



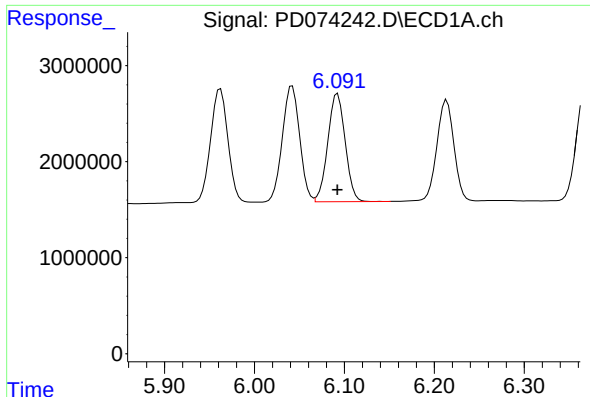
#8 Heptachlor epoxide

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 16122743
Conc: 5.73 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 7440325
Conc: 4.85 ng/ml



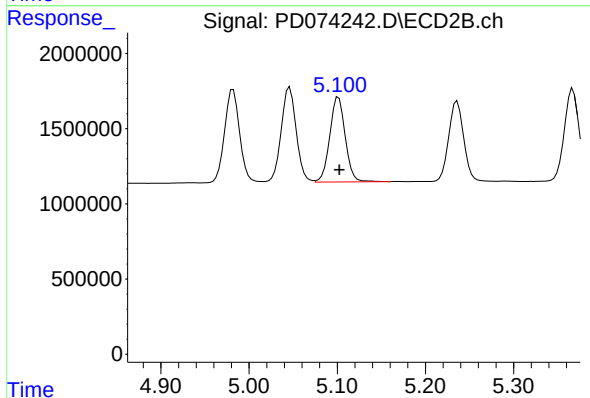
#9 Endosulfan I

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 15150695
Conc: 5.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

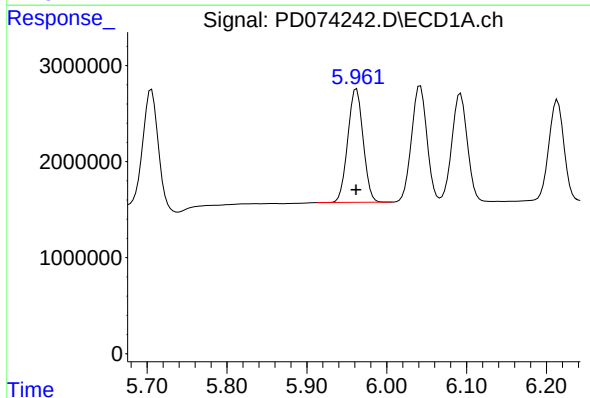
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/16/2023
Supervised By :Ankita Jodhani 03/16/2023



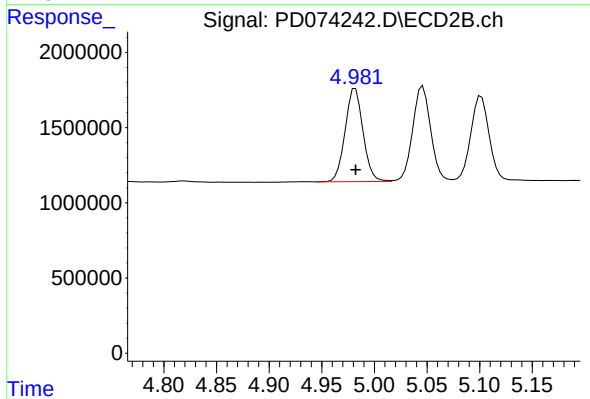
#9 Endosulfan I

R.T.: 5.101 min
Delta R.T.: -0.001 min
Response: 6881223
Conc: 4.78 ng/ml



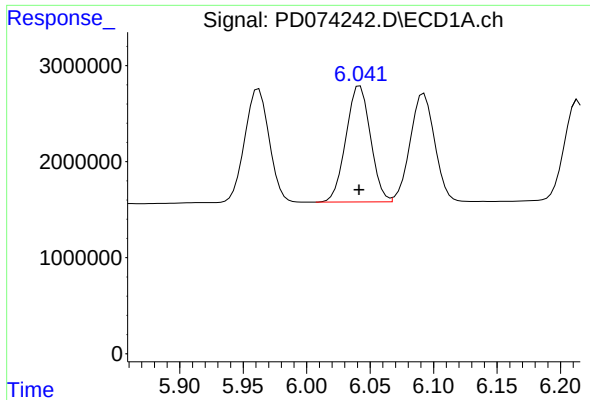
#10 gamma-Chlordane

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 15832285
Conc: 5.28 ng/ml



#10 gamma-Chlordane

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 7369728
Conc: 4.75 ng/ml



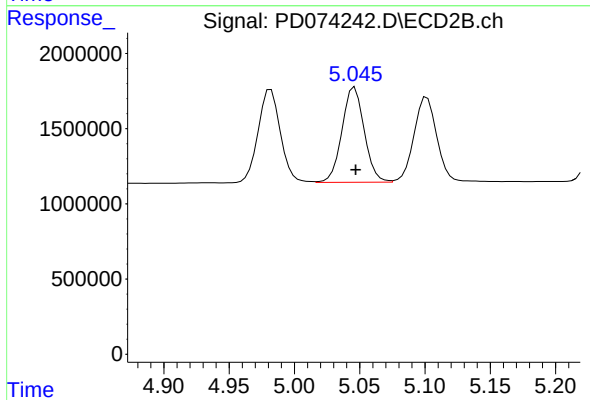
#11 alpha-Chlordane

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 16251486
Conc: 5.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

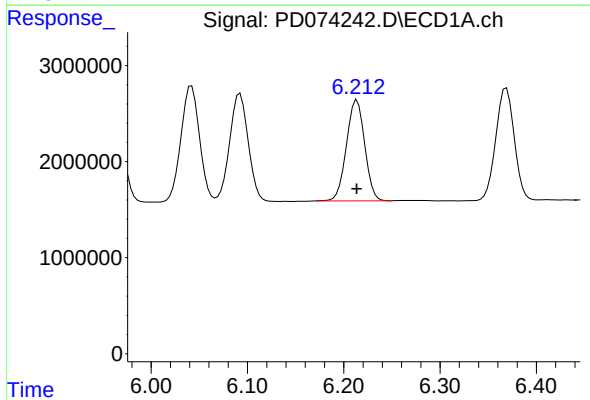
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/16/2023
Supervised By :Ankita Jodhani 03/16/2023



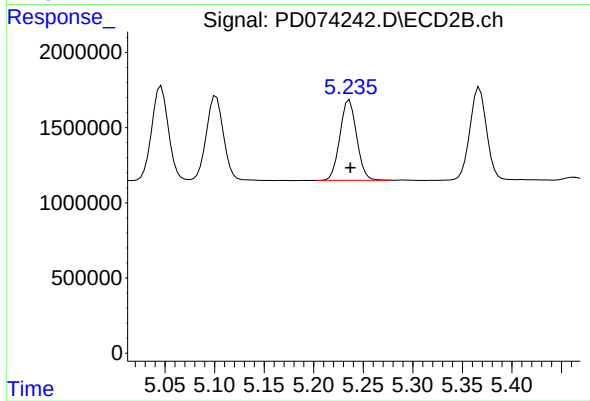
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 7512926
Conc: 4.88 ng/ml



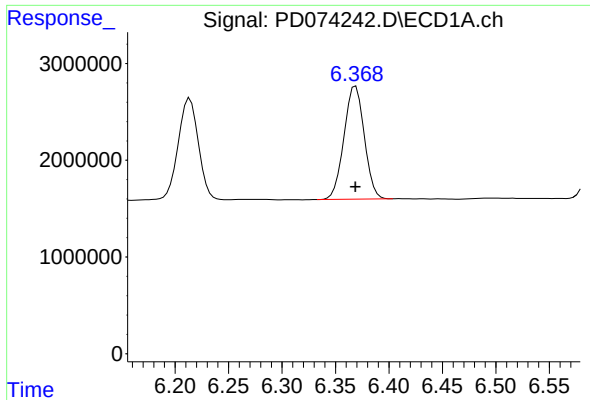
#12 4,4'-DDE

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 13796252
Conc: 5.00 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: -0.001 min
Response: 6294059
Conc: 4.46 ng/ml



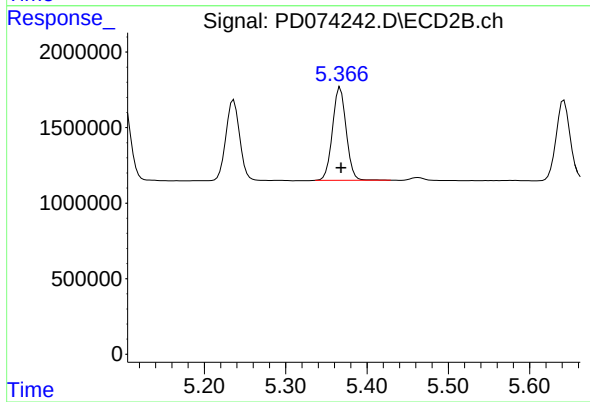
#13 Dieldrin

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 15447170
Conc: 5.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

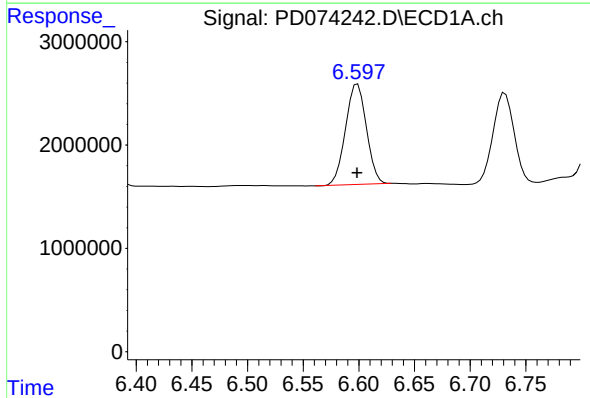
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/16/2023
Supervised By :Ankita Jodhani 03/16/2023



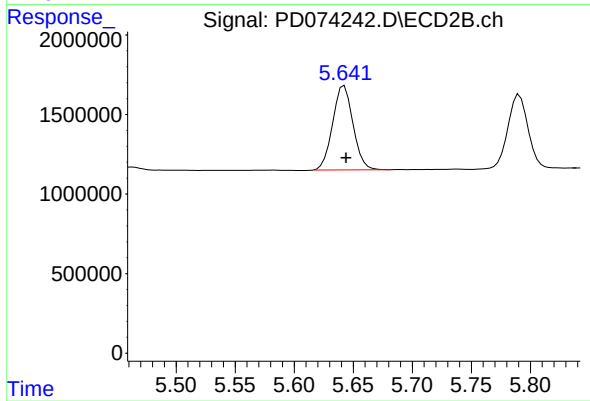
#13 Dieldrin

R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 7249988
Conc: 4.82 ng/ml



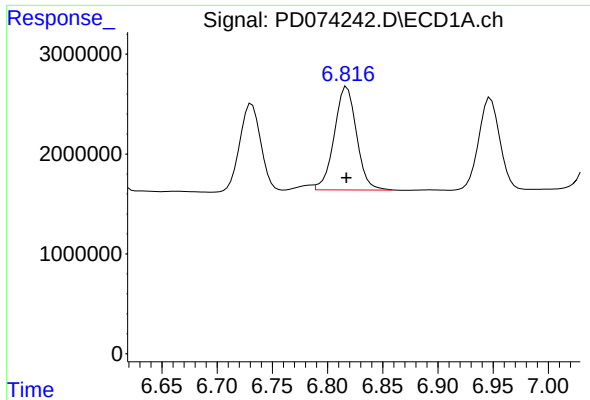
#14 Endrin

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 12724184
Conc: 5.12 ng/ml



#14 Endrin

R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 6353437
Conc: 4.86 ng/ml



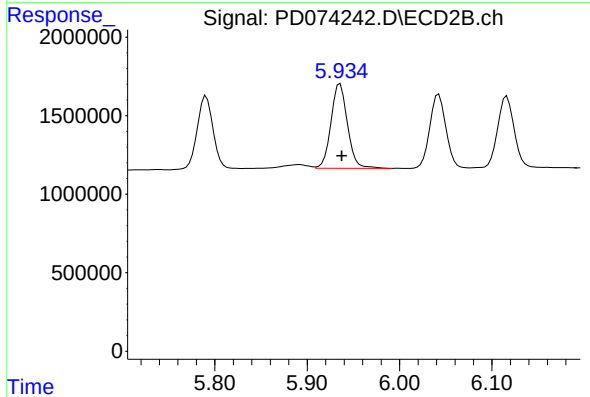
#15 Endosulfan II

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 14504450
Conc: 5.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

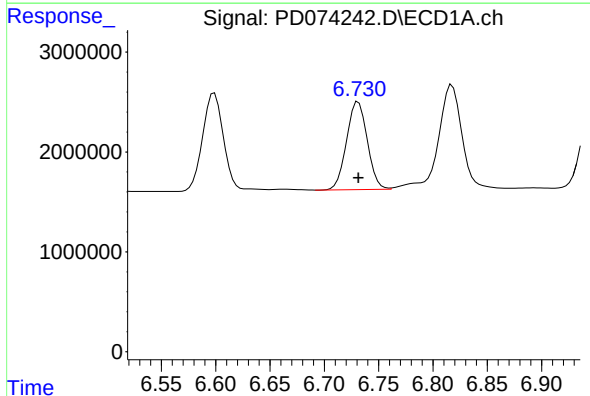
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/16/2023
Supervised By :Ankita Jodhani 03/16/2023



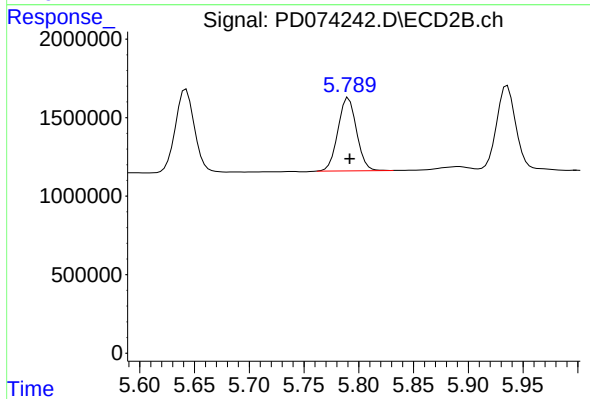
#15 Endosulfan II

R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 6688147
Conc: 5.32 ng/ml



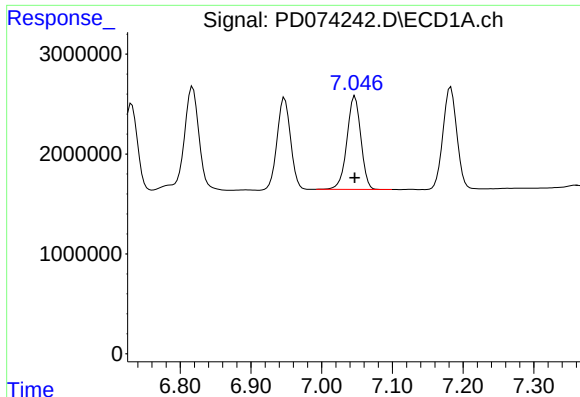
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 11691694
Conc: 5.21 ng/ml



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 5494965
Conc: 4.71 ng/ml



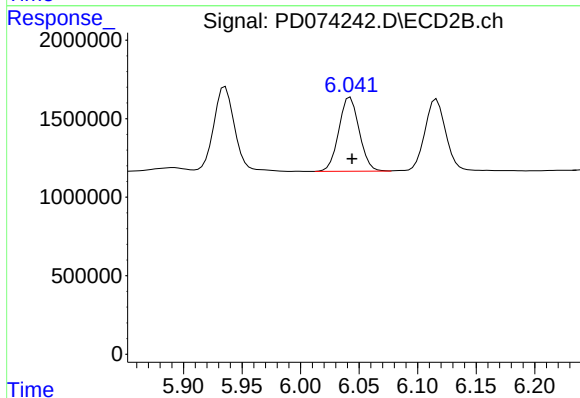
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 12778281
Conc: 5.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

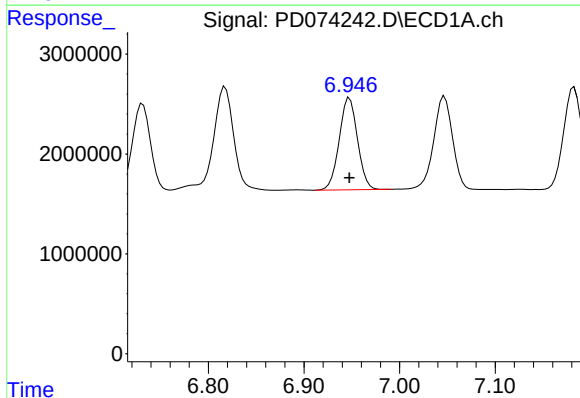
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/16/2023
Supervised By :Ankita Jodhani 03/16/2023



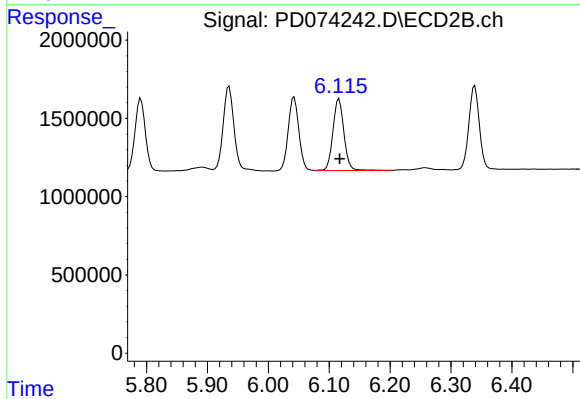
#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 5718137
Conc: 4.66 ng/ml



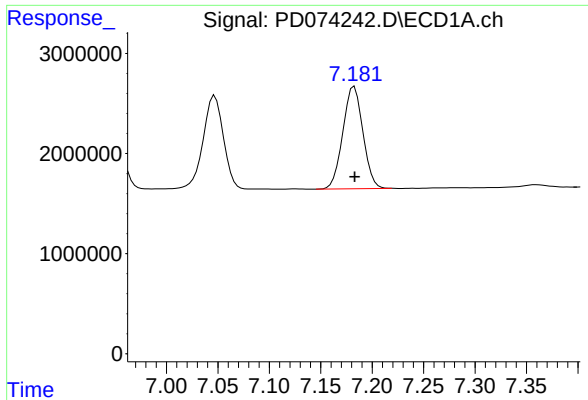
#18 Endrin aldehyde

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 12262095
Conc: 6.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.116 min
Delta R.T.: -0.001 min
Response: 5764370
Conc: 5.68 ng/ml



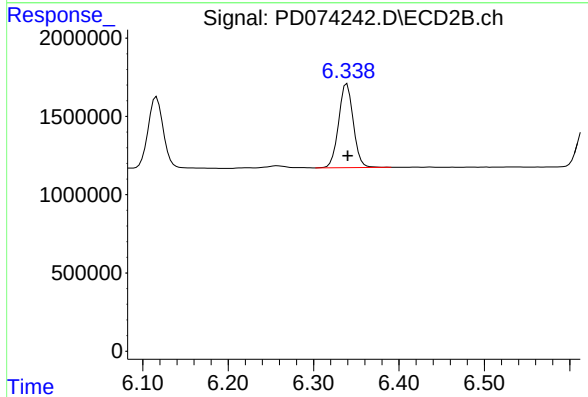
#19 Endosulfan Sulfate

R.T.: 7.183 min
Delta R.T.: 0.000 min
Response: 13880688
Conc: 5.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

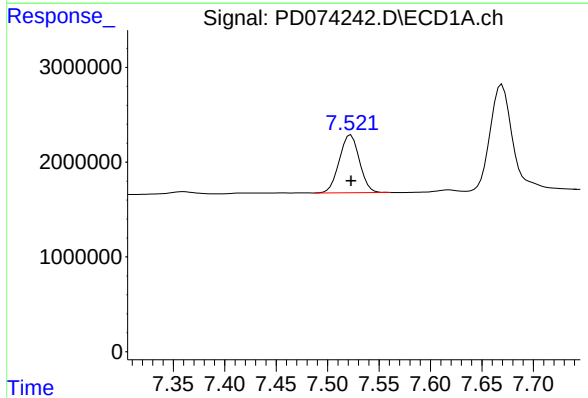
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/16/2023
Supervised By :Ankita Jodhani 03/16/2023



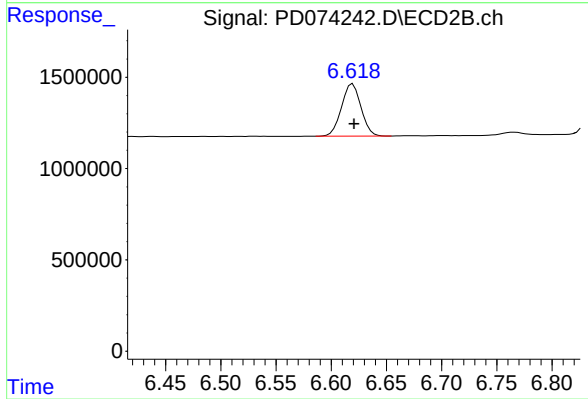
#19 Endosulfan Sulfate

R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 6380002
Conc: 5.23 ng/ml



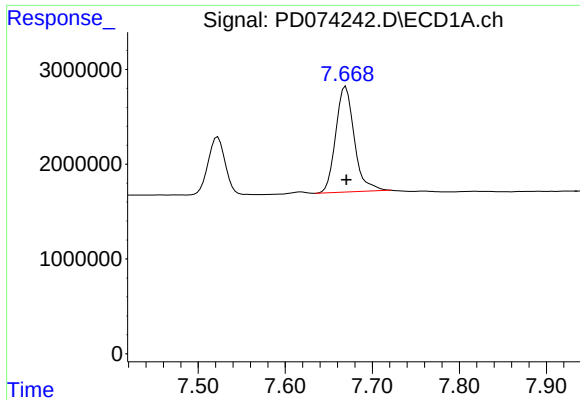
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: 0.000 min
Response: 8312650
Conc: 5.94 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.001 min
Response: 3512395
Conc: 5.19 ng/ml



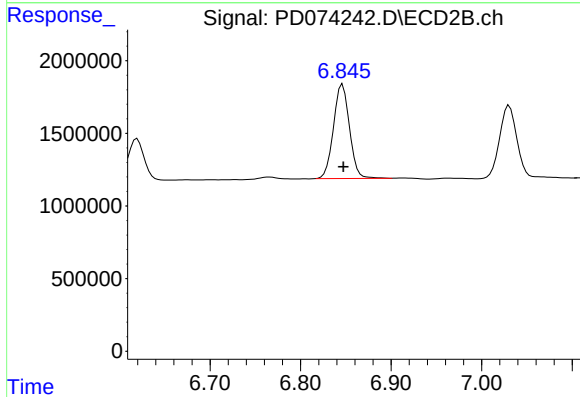
#21 Endrin ketone

R.T.: 7.670 min
Delta R.T.: 0.000 min
Response: 16558642
Conc: 5.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

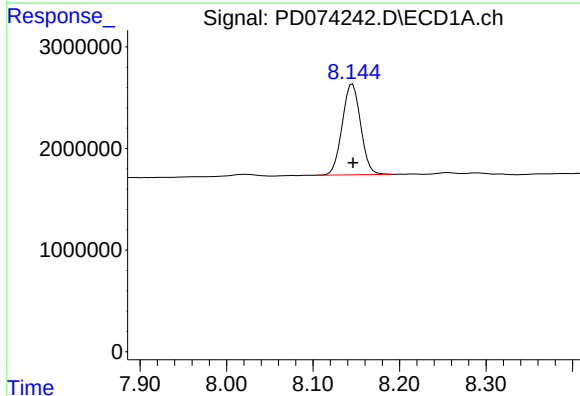
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/16/2023
Supervised By :Ankita Jodhani 03/16/2023



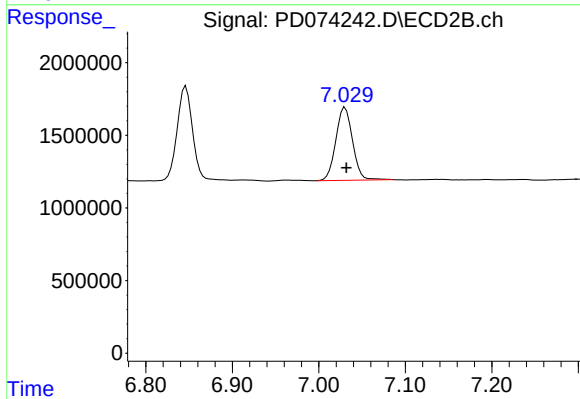
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 7956534
Conc: 5.39 ng/ml



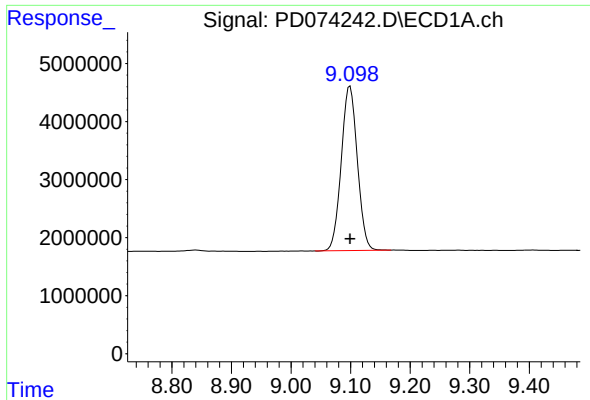
#22 Mirex

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 13157057
Conc: 6.20 ng/ml



#22 Mirex

R.T.: 7.031 min
Delta R.T.: -0.002 min
Response: 6724800
Conc: 5.92 ng/ml



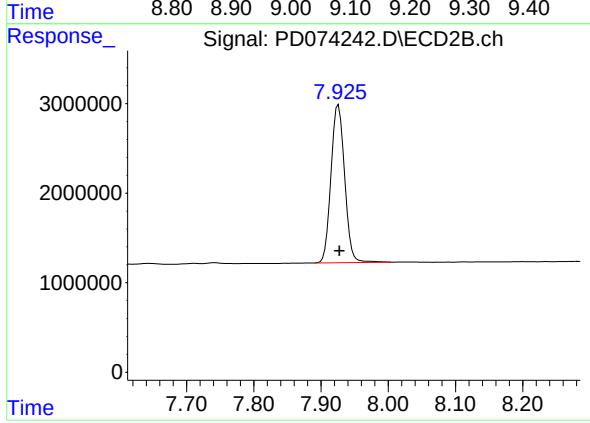
#28 Decachlorobiphenyl

R.T.: 9.099 min
Delta R.T.: 0.000 min
Response: 53019834
Conc: 19.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/16/2023
Supervised By :Ankita Jodhani 03/16/2023



#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: -0.001 min
Response: 24696086
Conc: 20.13 ng/ml