

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071922\
 Data File : PD071007.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 01:50
 Operator : AR\AJ
 Sample : N3214-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/21/2022
 Supervised By : Ankita Jodhani 07/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 07:14:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.474	4.125	47906905	518.6E6	16.532	17.936
28)	SA Decachlor...	8.242	9.321	54426413	209.5E6	17.814	18.370
Target Compounds							
2)	A alpha-BHC	3.915	4.530	4626400	50098662	1.055	1.322 #
3)	MA gamma-BHC...	4.199	4.823	5566649	36282392	1.282	1.215
4)	MA Heptachlor	4.499	5.339	3750342	29766383	0.901	1.348m#
5)	MB Aldrin	4.747	5.652	3739067	24262165	0.895	1.311 #
6)	B beta-BHC	4.448	5.001	1503652	41590225	0.900	3.101 #
7)	B delta-BHC	4.653	5.223	3232003	33145217	0.817	1.402 #
8)	B Heptachlo...	5.192	6.047	3633426	19305113	0.970	1.277 #
9)	A Endosulfan I	5.532	6.413	3352339	20493772	0.960	1.412 #
10)	B gamma-Chl...	5.419	6.285	3755742	24149212	0.966	1.531 #
11)	B alpha-Chl...	5.477	6.357	3713456	22014696	0.971	1.431 #
12)	B 4,4'-DDE	5.643	6.512	3278862	16647481	0.931	1.109
13)	MA Dieldrin	5.776	6.673	3590374	18679345	0.956	1.222 #
14)	MA Endrin	6.034	6.893	3190515	11389305	1.022	1.098
15)	B Endosulfa...	6.308	7.110	3301840	16785632	1.098	1.341
16)	A 4,4'-DDD	6.160	7.012	2662471	11891039	0.907	0.956
17)	MA 4,4'-DDT	6.402	7.313	2587876	15000684	0.845	1.120 #
18)	B Endrin al...	6.478	7.236	2817035	12264942	1.174	1.216
19)	B Endosulfa...	6.691	7.462	3233235	13669592	1.085	1.131
20)	A Methoxychlor	6.953	7.772	2194953	8953911	1.328	1.303
21)	B Endrin ke...	7.184	7.942	3620584	19635712	1.045	1.419 #
22)	Mirex	7.371	8.396	3761564	11924400	1.357	1.298

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071922\
 Data File : PD071007.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 01:50
 Operator : AR\AJ
 Sample : N3214-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 25 Sample Multiplier: 1

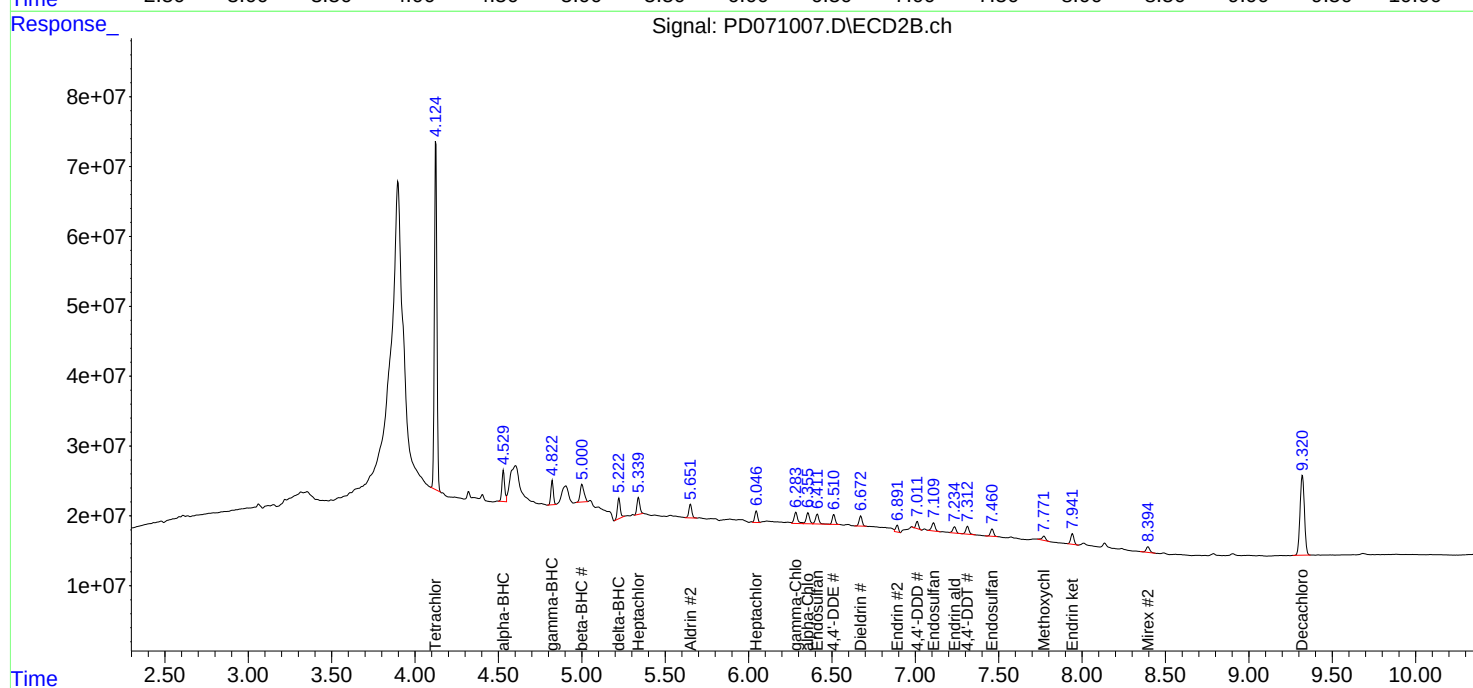
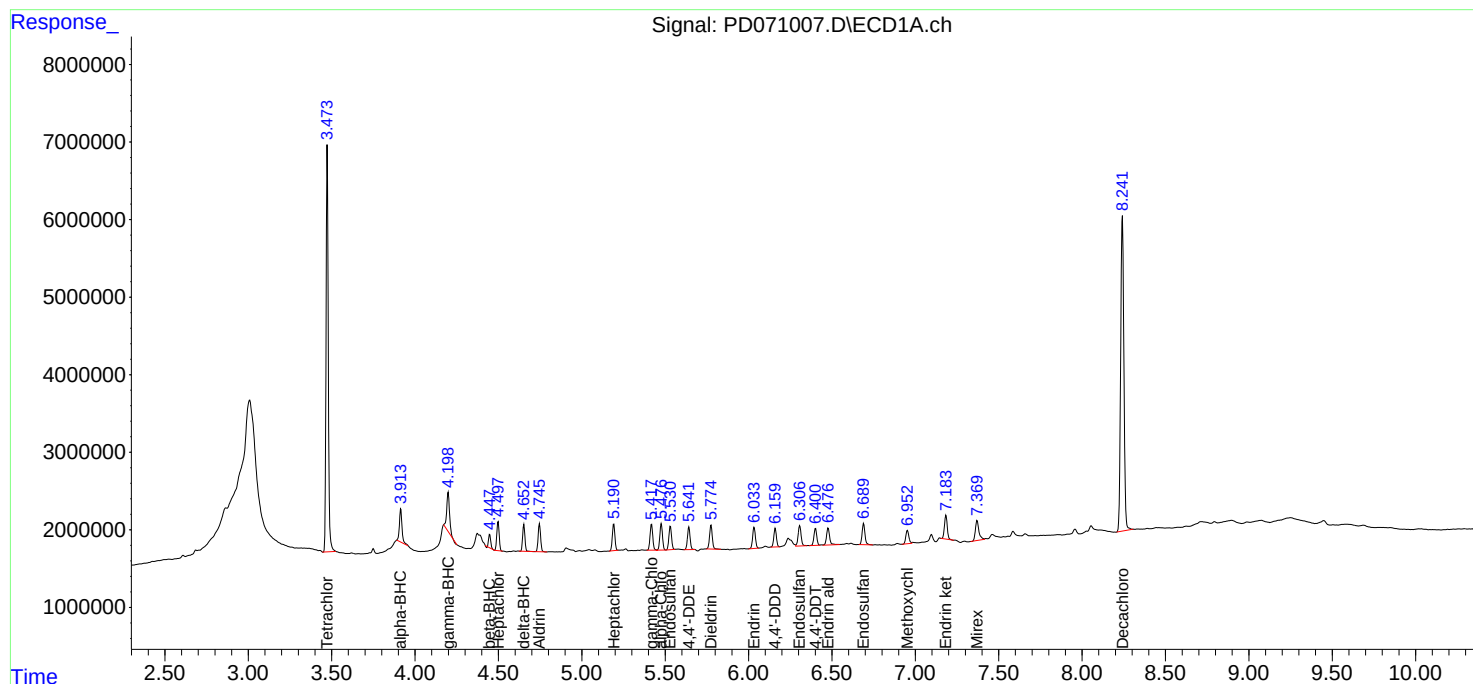
Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

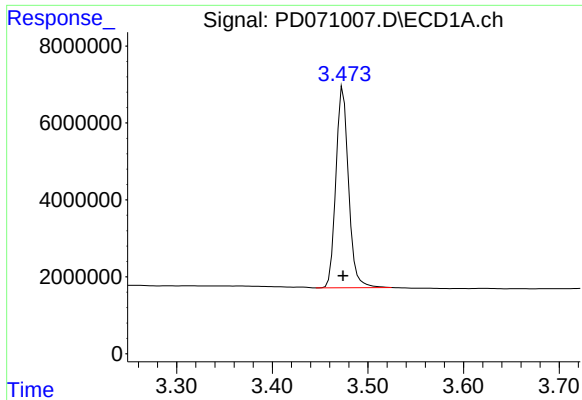
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/21/2022
 Supervised By :Ankita Jodhani 07/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 07:14:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 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





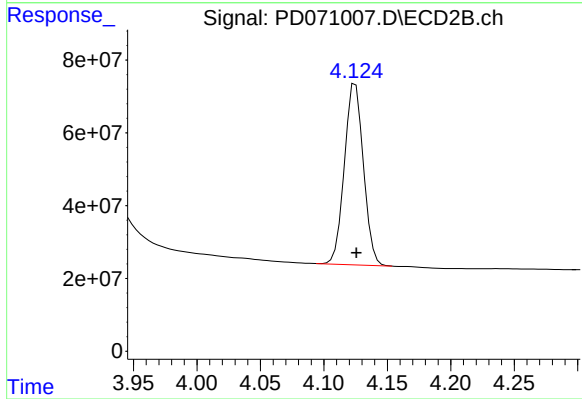
#1 Tetrachloro-m-xylene

R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 47906905
Conc: 16.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

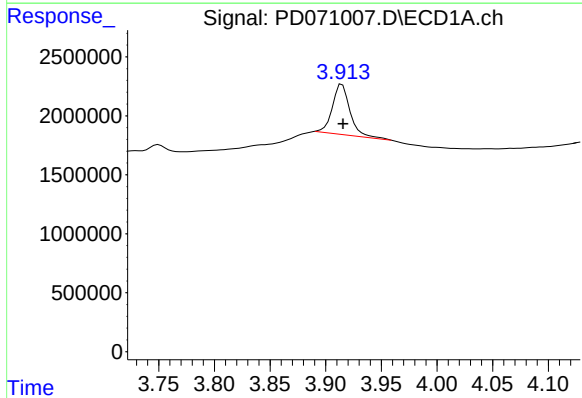
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2022
Supervised By :Ankita Jodhani 07/21/2022



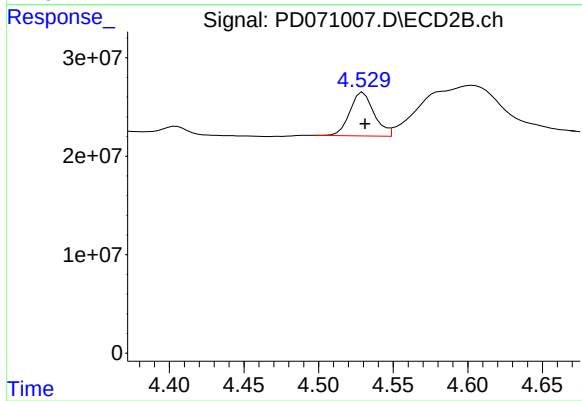
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 518562620
Conc: 17.94 ng/ml



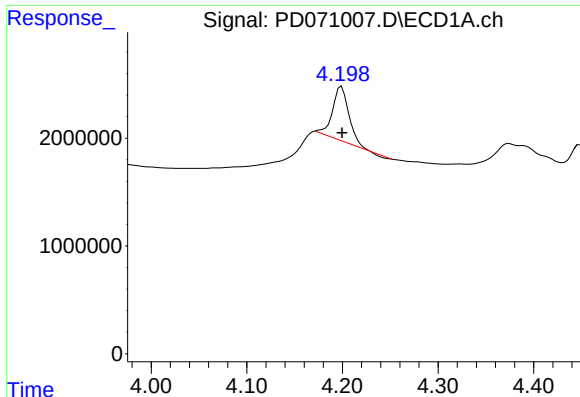
#2 alpha-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 4626400
Conc: 1.05 ng/ml



#2 alpha-BHC

R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 50098662
Conc: 1.32 ng/ml



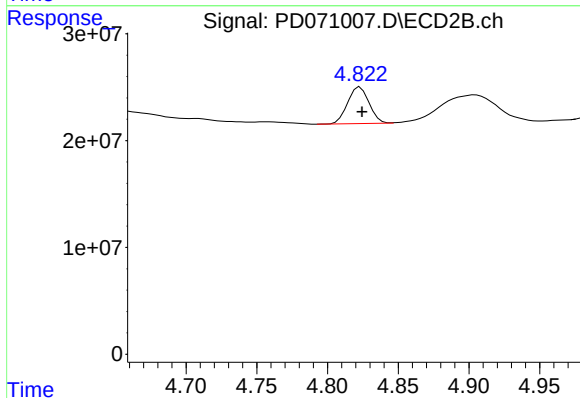
#3 gamma-BHC (Lindane)

R.T.: 4.199 min
Delta R.T.: 0.000 min
Response: 5566649
Conc: 1.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

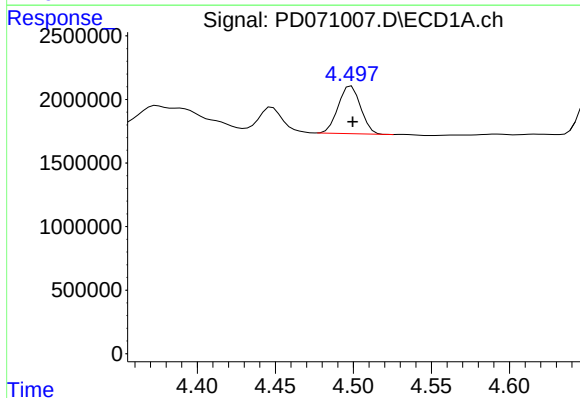
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2022
Supervised By :Ankita Jodhani 07/21/2022



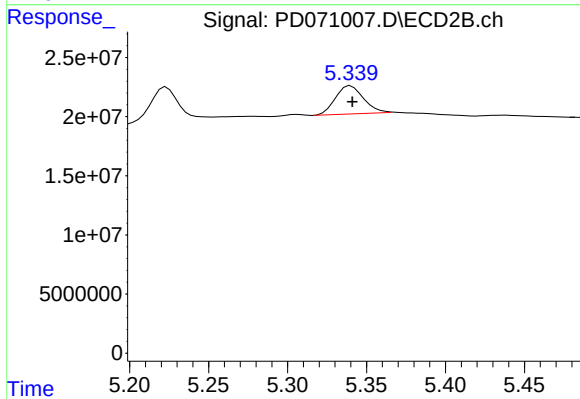
#3 gamma-BHC (Lindane)

R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 36282392
Conc: 1.21 ng/ml



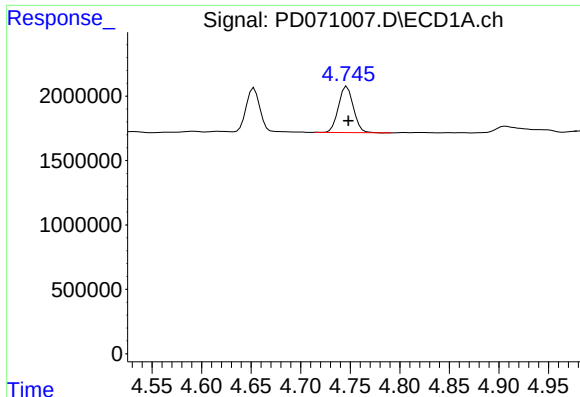
#4 Heptachlor

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 3750342
Conc: 0.90 ng/ml



#4 Heptachlor

R.T.: 5.339 min
Delta R.T.: -0.002 min
Response: 29766383
Conc: 1.35 ng/ml m



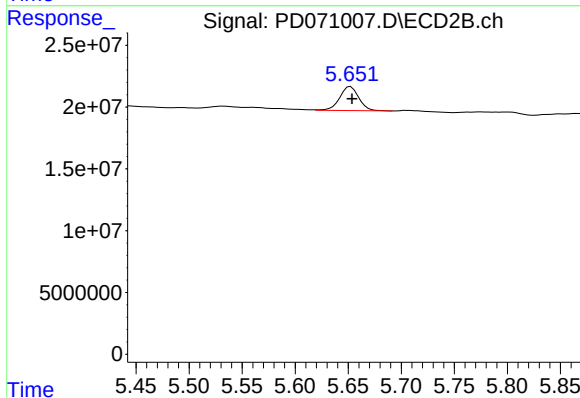
#5 Aldrin

R.T.: 4.747 min
Delta R.T.: -0.001 min
Response: 3739067
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

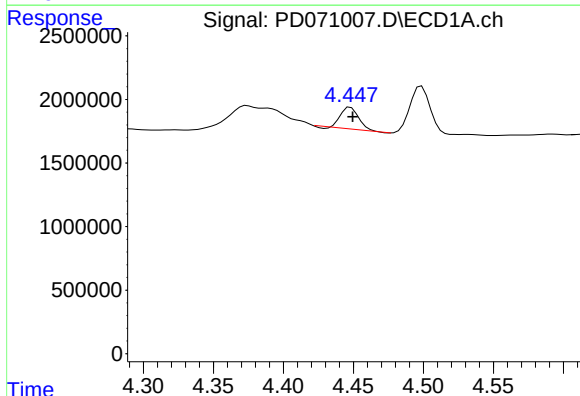
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2022
Supervised By :Ankita Jodhani 07/21/2022



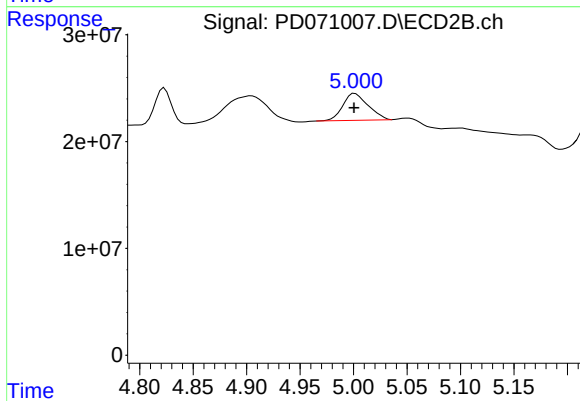
#5 Aldrin

R.T.: 5.652 min
Delta R.T.: -0.001 min
Response: 24262165
Conc: 1.31 ng/ml



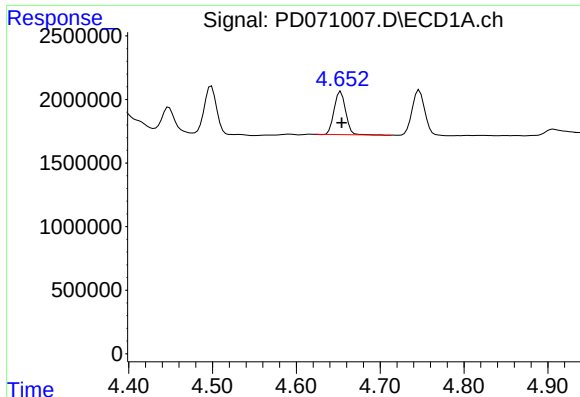
#6 beta-BHC

R.T.: 4.448 min
Delta R.T.: -0.001 min
Response: 1503652
Conc: 0.90 ng/ml



#6 beta-BHC

R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 41590225
Conc: 3.10 ng/ml



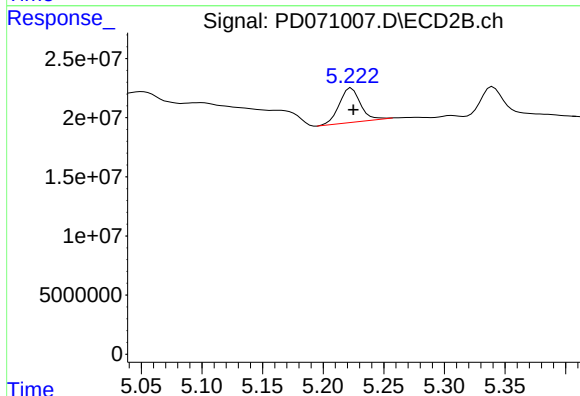
#7 delta-BHC

R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 3232003
Conc: 0.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

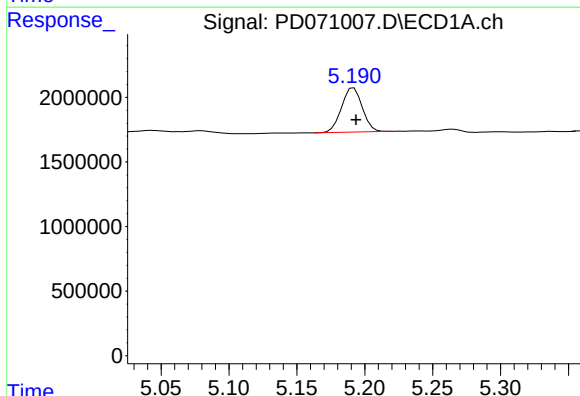
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2022
Supervised By :Ankita Jodhani 07/21/2022



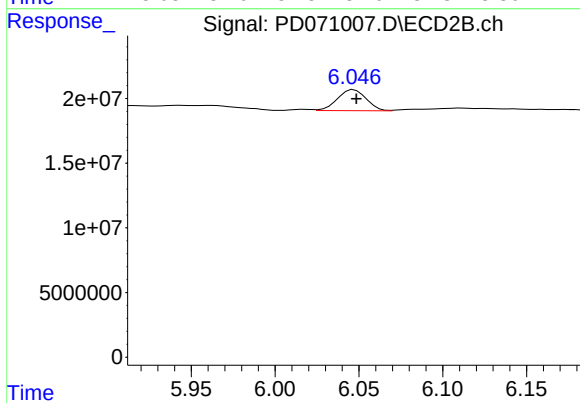
#7 delta-BHC

R.T.: 5.223 min
Delta R.T.: -0.001 min
Response: 33145217
Conc: 1.40 ng/ml



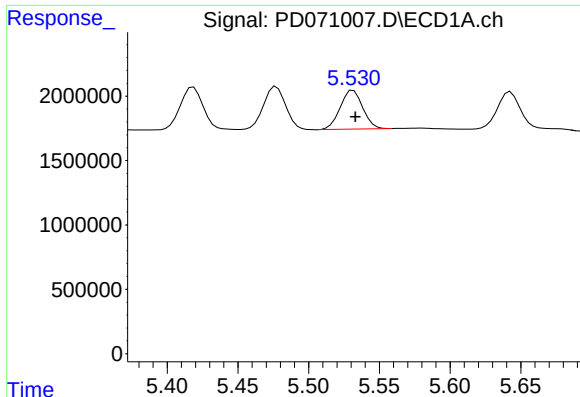
#8 Heptachlor epoxide

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 3633426
Conc: 0.97 ng/ml



#8 Heptachlor epoxide

R.T.: 6.047 min
Delta R.T.: -0.001 min
Response: 19305113
Conc: 1.28 ng/ml



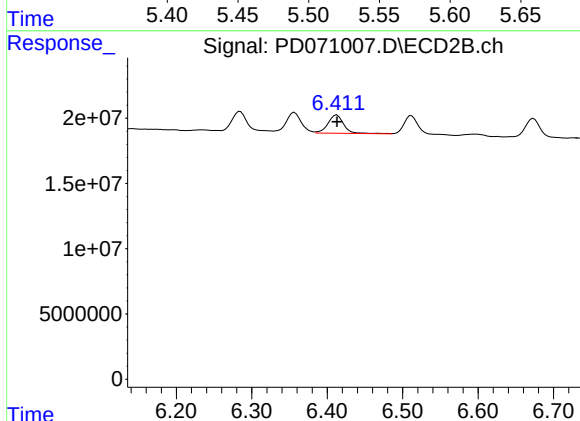
#9 Endosulfan I

R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 3352339
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

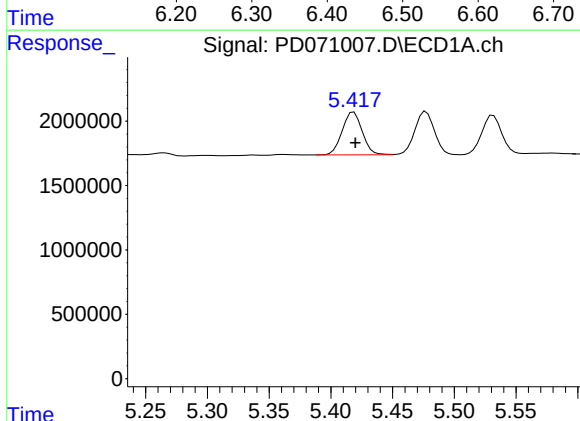
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2022
Supervised By :Ankita Jodhani 07/21/2022



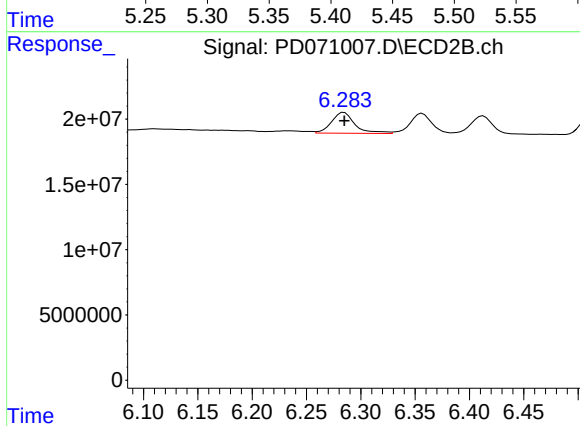
#9 Endosulfan I

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 20493772
Conc: 1.41 ng/ml



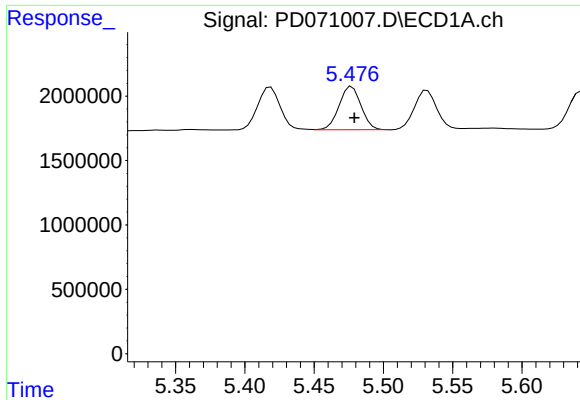
#10 gamma-Chlordane

R.T.: 5.419 min
Delta R.T.: -0.001 min
Response: 3755742
Conc: 0.97 ng/ml



#10 gamma-Chlordane

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 24149212
Conc: 1.53 ng/ml



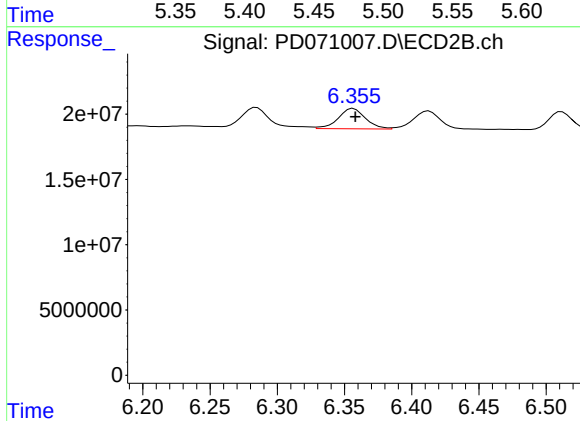
#11 alpha-Chlordane

R.T.: 5.477 min
Delta R.T.: -0.002 min
Response: 3713456
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

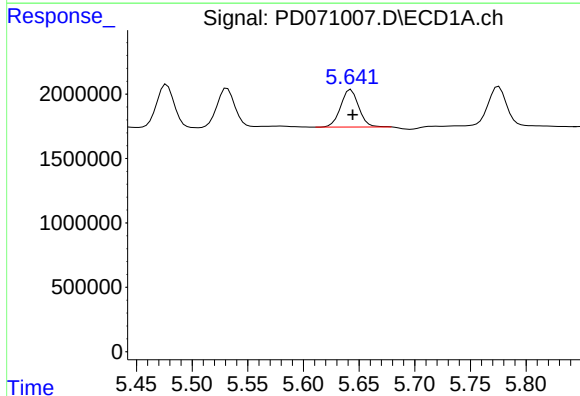
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2022
Supervised By :Ankita Jodhani 07/21/2022



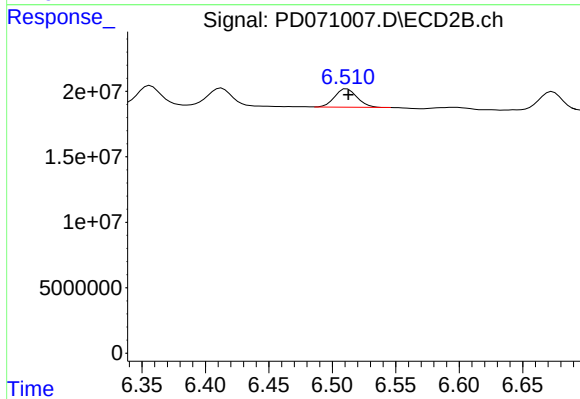
#11 alpha-Chlordane

R.T.: 6.357 min
Delta R.T.: -0.002 min
Response: 22014696
Conc: 1.43 ng/ml



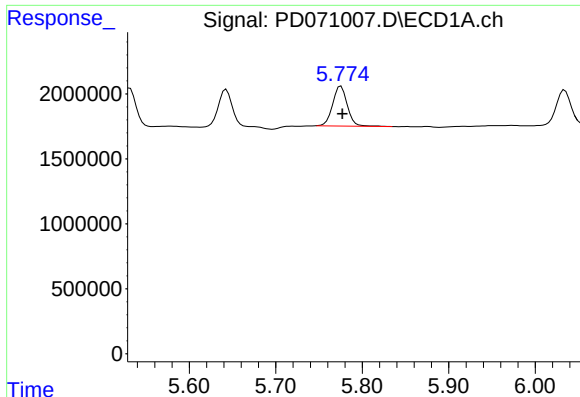
#12 4,4'-DDE

R.T.: 5.643 min
Delta R.T.: -0.002 min
Response: 3278862
Conc: 0.93 ng/ml



#12 4,4'-DDE

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 16647481
Conc: 1.11 ng/ml



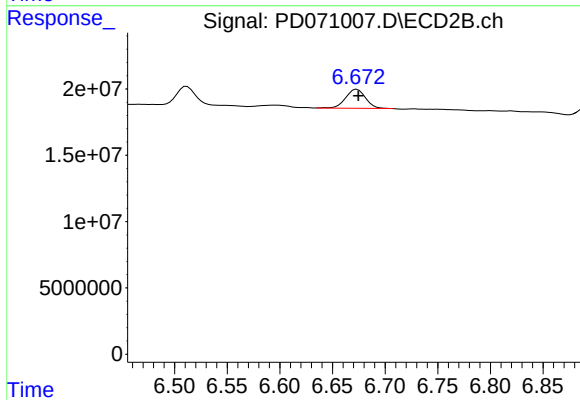
#13 Dieldrin

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 3590374
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

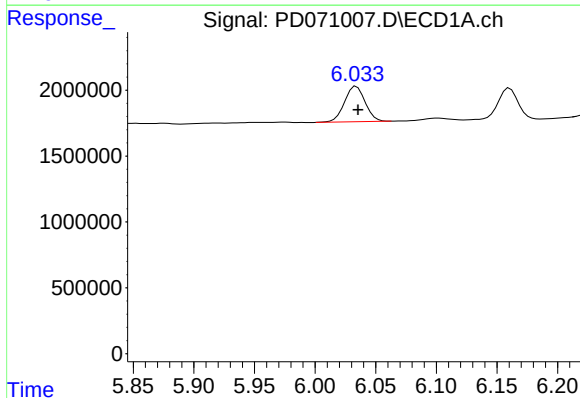
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2022
Supervised By :Ankita Jodhani 07/21/2022



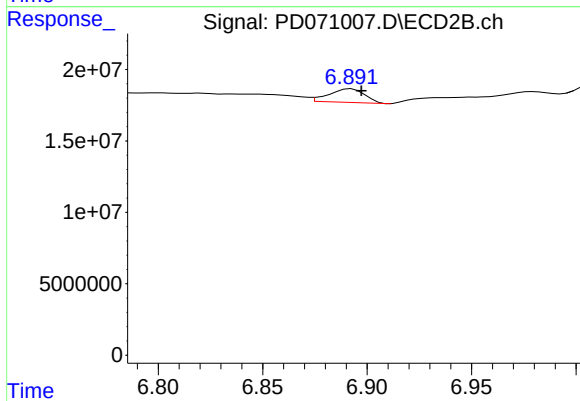
#13 Dieldrin

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 18679345
Conc: 1.22 ng/ml



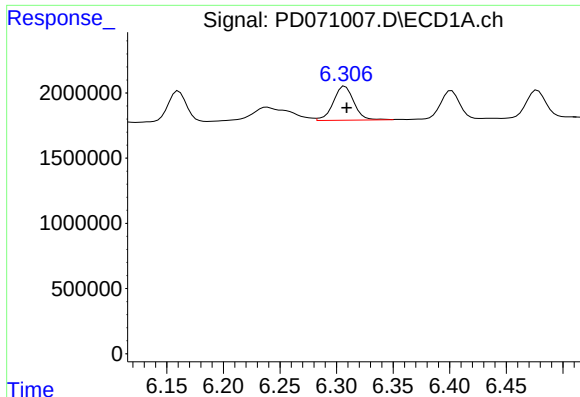
#14 Endrin

R.T.: 6.034 min
Delta R.T.: -0.001 min
Response: 3190515
Conc: 1.02 ng/ml



#14 Endrin

R.T.: 6.893 min
Delta R.T.: -0.005 min
Response: 11389305
Conc: 1.10 ng/ml



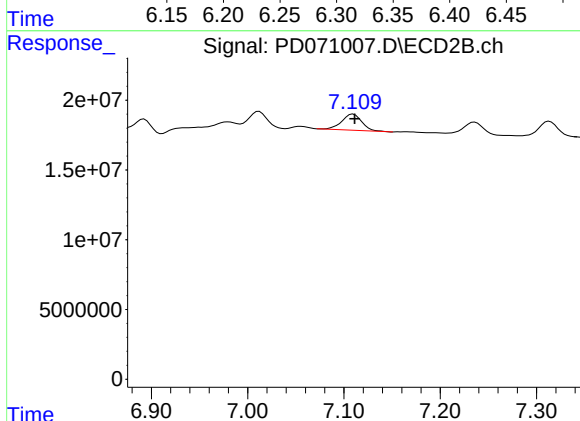
#15 Endosulfan II

R.T.: 6.308 min
Delta R.T.: -0.002 min
Response: 3301840
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

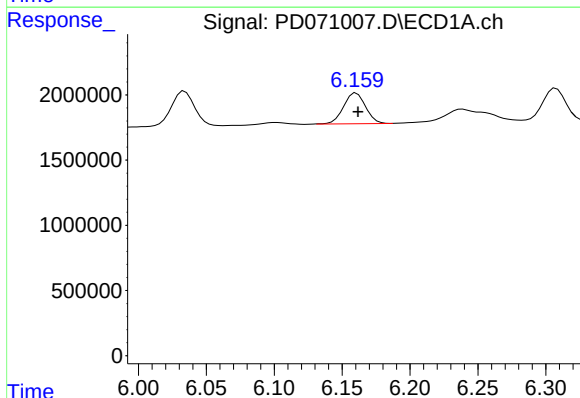
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2022
Supervised By :Ankita Jodhani 07/21/2022



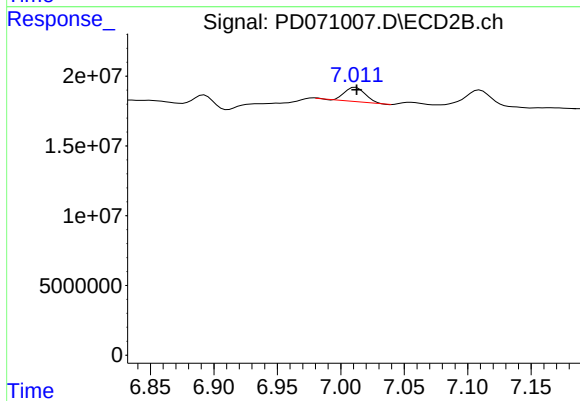
#15 Endosulfan II

R.T.: 7.110 min
Delta R.T.: -0.002 min
Response: 16785632
Conc: 1.34 ng/ml



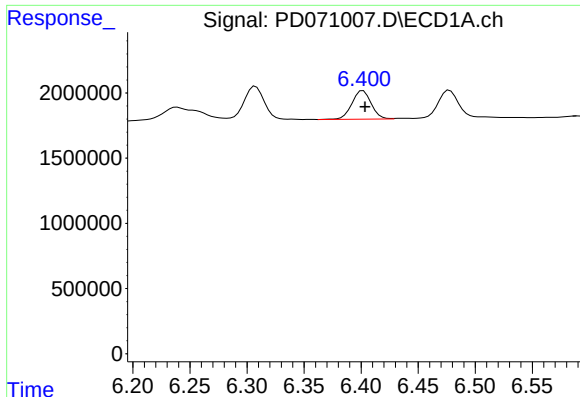
#16 4,4'-DDD

R.T.: 6.160 min
Delta R.T.: -0.001 min
Response: 2662471
Conc: 0.91 ng/ml



#16 4,4'-DDD

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 11891039
Conc: 0.96 ng/ml



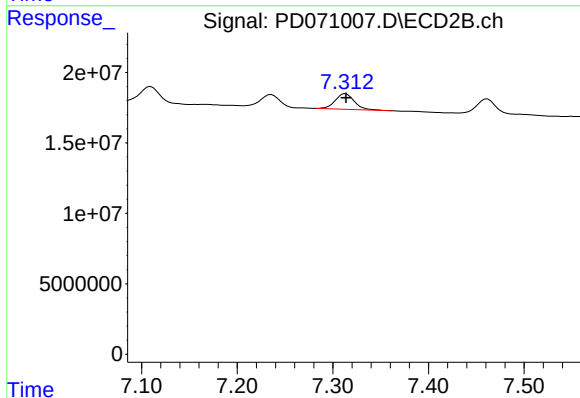
#17 4,4'-DDT

R.T.: 6.402 min
Delta R.T.: -0.002 min
Response: 2587876
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

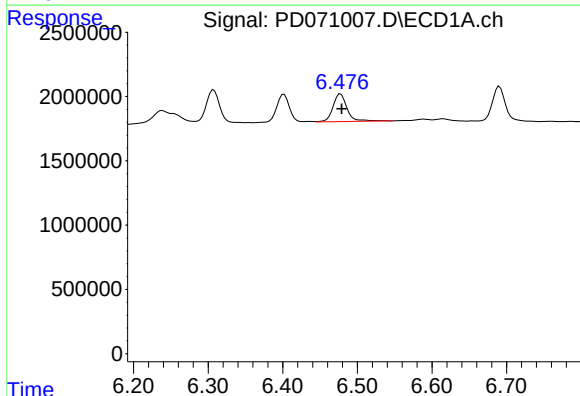
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2022
Supervised By :Ankita Jodhani 07/21/2022



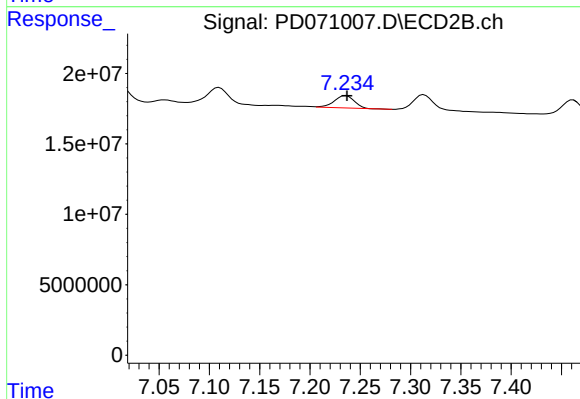
#17 4,4'-DDT

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 15000684
Conc: 1.12 ng/ml



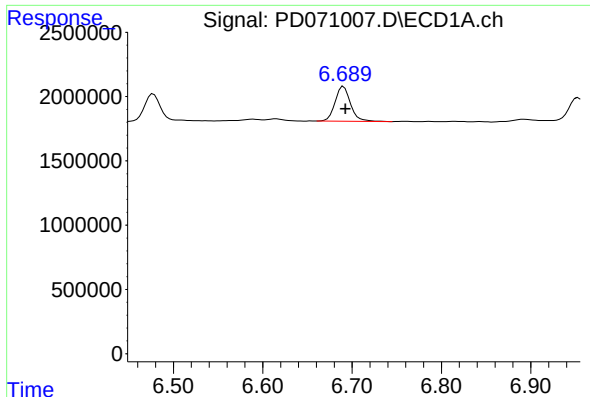
#18 Endrin aldehyde

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 2817035
Conc: 1.17 ng/ml



#18 Endrin aldehyde

R.T.: 7.236 min
Delta R.T.: -0.001 min
Response: 12264942
Conc: 1.22 ng/ml



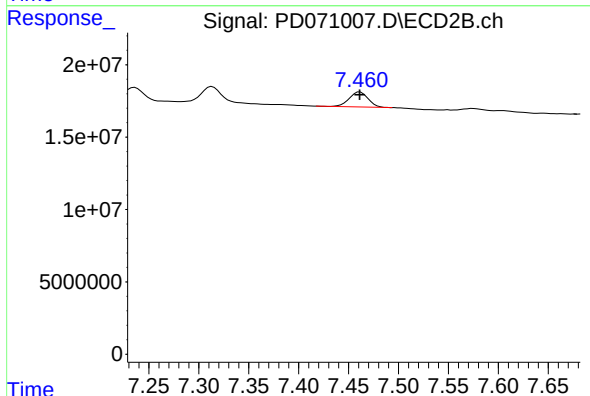
#19 Endosulfan Sulfate

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 3233235
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

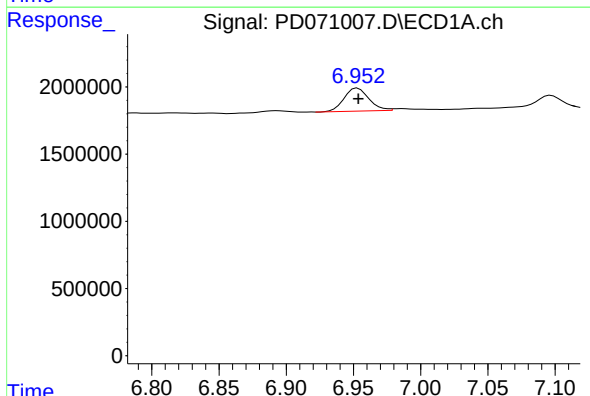
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2022
Supervised By :Ankita Jodhani 07/21/2022



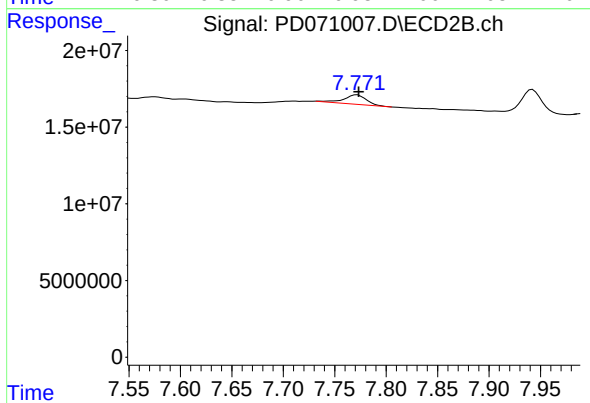
#19 Endosulfan Sulfate

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 13669592
Conc: 1.13 ng/ml



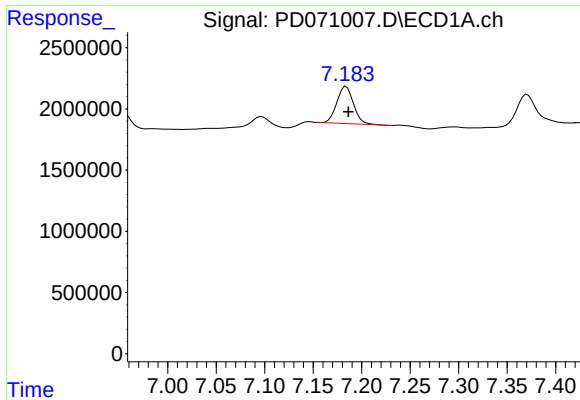
#20 Methoxychlor

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 2194953
Conc: 1.33 ng/ml



#20 Methoxychlor

R.T.: 7.772 min
Delta R.T.: -0.002 min
Response: 8953911
Conc: 1.30 ng/ml



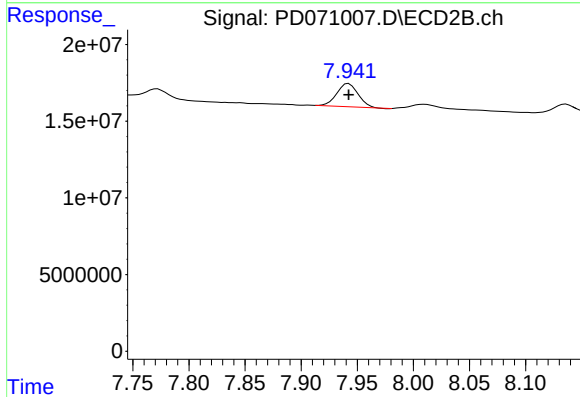
#21 Endrin ketone

R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 3620584
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

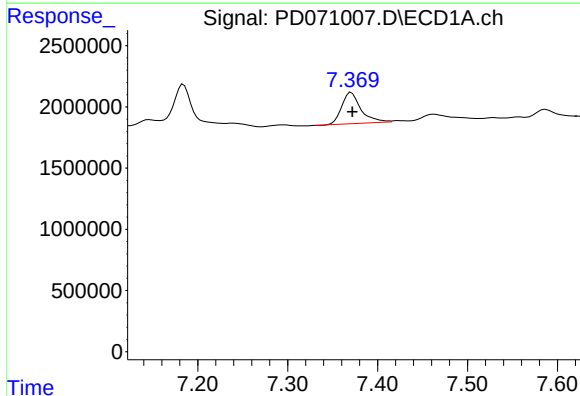
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2022
Supervised By :Ankita Jodhani 07/21/2022



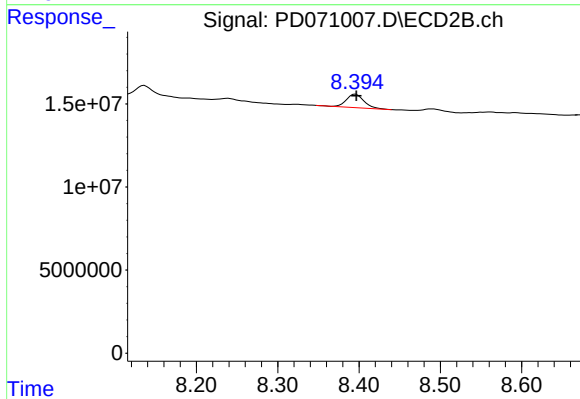
#21 Endrin ketone

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 19635712
Conc: 1.42 ng/ml



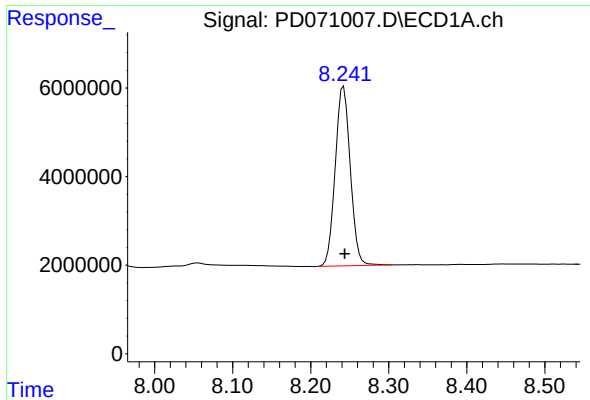
#22 Mirex

R.T.: 7.371 min
Delta R.T.: -0.001 min
Response: 3761564
Conc: 1.36 ng/ml



#22 Mirex

R.T.: 8.396 min
Delta R.T.: 0.000 min
Response: 11924400
Conc: 1.30 ng/ml



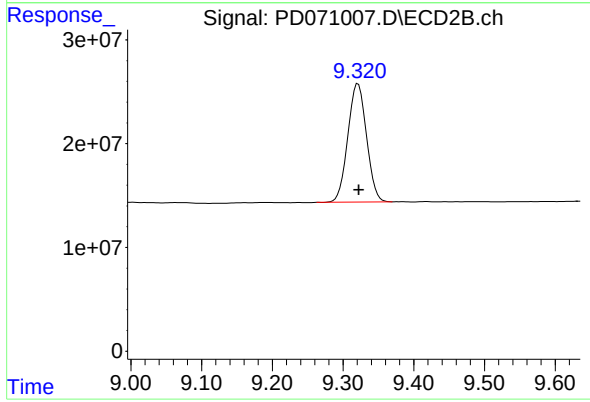
#28 Decachlorobiphenyl

R.T.: 8.242 min
Delta R.T.: -0.001 min
Response: 54426413
Conc: 17.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2022
Supervised By :Ankita Jodhani 07/21/2022



#28 Decachlorobiphenyl

R.T.: 9.321 min
Delta R.T.: 0.000 min
Response: 209513616
Conc: 18.37 ng/ml