

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101023\
 Data File : PL085814.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2023 15:19
 Operator : AR\AJ
 Sample : 04699-01
 Misc : TOX LOD 50PPB SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/11/2023
 Supervised By :Ankita Jodhani 10/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 20:40:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 2023
 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...	3.366	2.622	51075888	15582802	17.173	16.682
28)	SA Decachlor...	8.872	7.779	42751915	19318937	19.629	20.931
Target Compounds							
2)	A alpha-BHC	3.811	0.000	295604	0	0.069	N.D. #
4)	MA Heptachlor	4.746	3.790	2082769	31782	0.539	0.027 #
5)	MB Aldrin	0.000	4.084f	0	483263	N.D.	0.432 #
6)	B beta-BHC	0.000	3.758	0	335404	N.D.	0.644 #
7)	B delta-BHC	4.603	3.972	6840421	37567	1.784	0.033 #
8)	B Heptachlo...	0.000	4.581	0	294471	N.D.	0.293 #
9)	A Endosulfan I	0.000	4.951f	0	119181	N.D.	0.111 #
10)	B gamma-Chl...	5.783f	4.843f	636432	175779	0.186	0.177
11)	B alpha-Chl...	5.830	4.891	973063	307086	0.285	0.282
13)	MA Dieldrin	0.000	5.197	0	76121	N.D.	0.078 #
15)	B Endosulfa...	6.625	5.757	783660	446687	0.284	0.470 #
16)	A 4,4'-DDD	6.531	0.000	2106693	0	1.046	N.D. #
17)	MA 4,4'-DDT	0.000	5.880	0	758304	N.D.	0.959 #
18)	B Endrin al...	6.771f	5.964	271063	611426	0.134	0.820 #
19)	B Endosulfa...	6.978	6.171	3341209	77883	1.331	0.086 #
20)	A Methoxychlor	0.000	6.446f	0	278805	N.D.	0.530 #
21)	B Endrin ke...	7.441f	6.691	2536576	1779733	0.881	1.548 #
23)	Chlordane-1	0.000	3.627	0	142940	N.D.	4.385 #
25)	Chlordane-3	5.783f	4.843f	636432	175779	1.247	1.740 #
26)	Chlordane-4	5.830	4.891	973063	307086	1.534	2.652 #
27)	Chlordane-5	0.000	5.530f	0	71541	N.D.	2.567 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101023\
 Data File : PL085814.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2023 15:19
 Operator : AR\AJ
 Sample : 04699-01
 Misc : TOX LOD 50PPB SOIL
 ALS Vial : 9 Sample Multiplier: 1

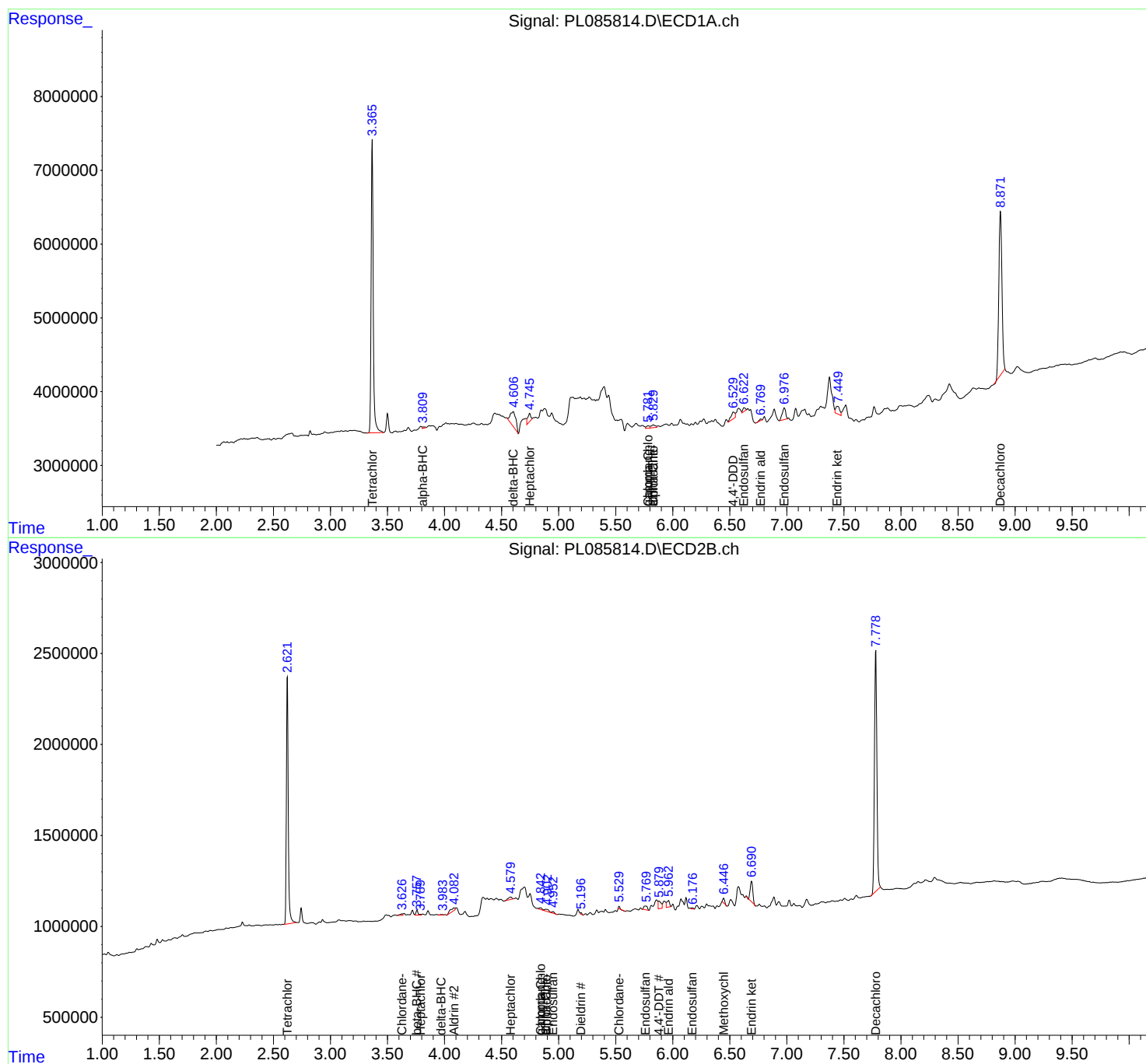
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2023

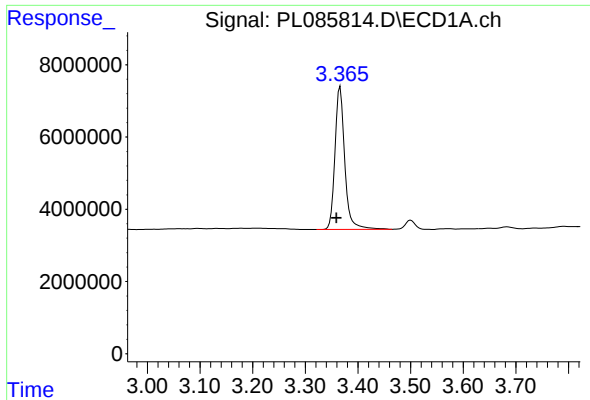
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 10/11/2023
 Supervised By : Ankita Jodhani 10/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 20:40:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 2023
 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





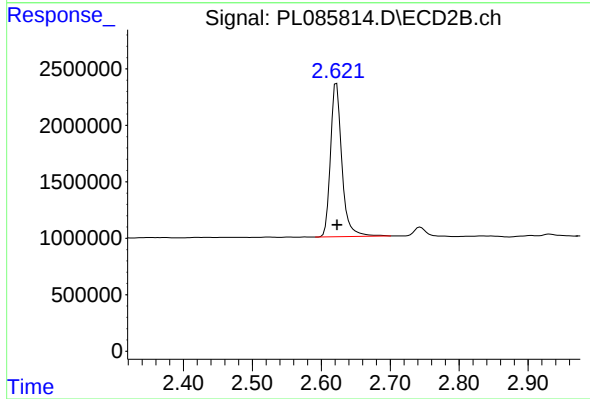
#1 Tetrachloro-m-xylene

R.T.: 3.366 min
Delta R.T.: 0.007 min
Response: 51075888
Conc: 17.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

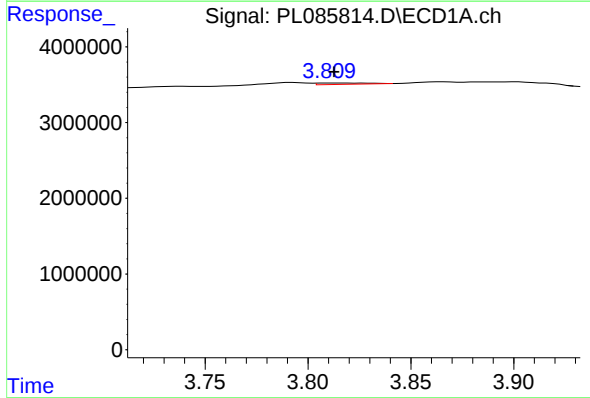
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023



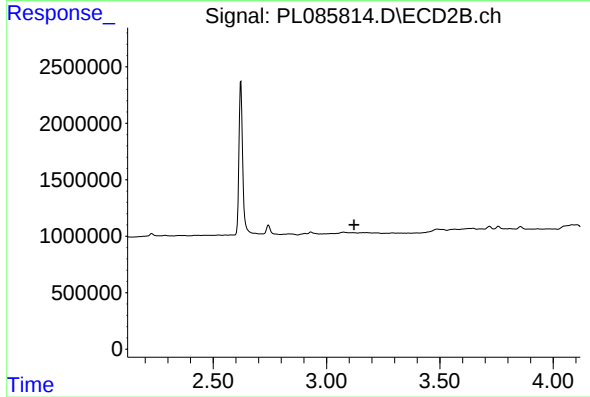
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 15582802
Conc: 16.68 ng/ml



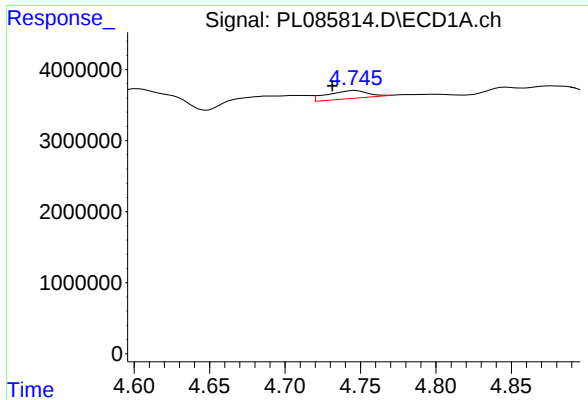
#2 alpha-BHC

R.T.: 3.811 min
Delta R.T.: -0.001 min
Response: 295604
Conc: 0.07 ng/ml



#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.122 min
Response: 0
Conc: N.D.



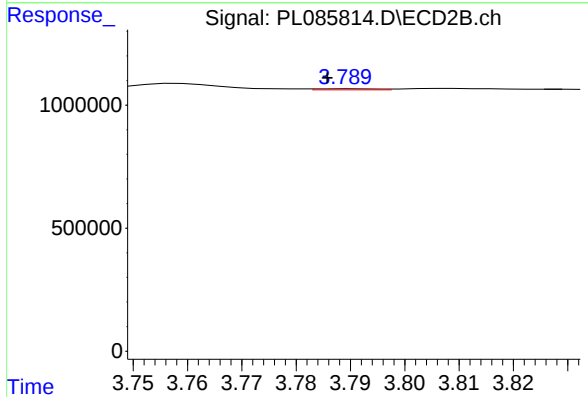
#4 Heptachlor

R.T.: 4.746 min
Delta R.T.: 0.015 min
Response: 2082769
Conc: 0.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

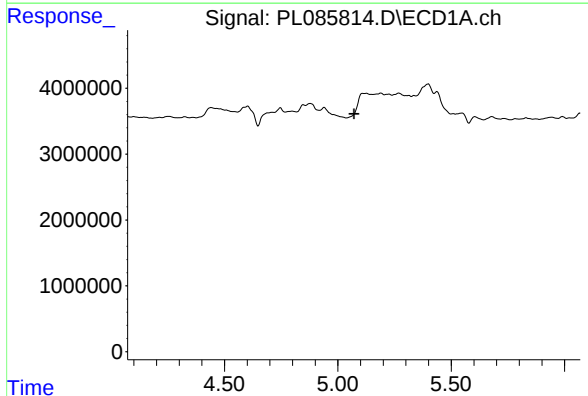
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023



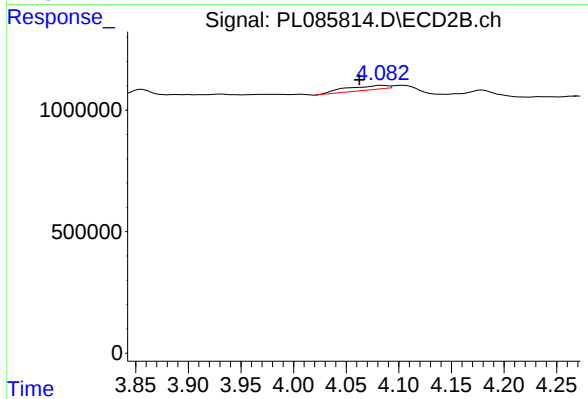
#4 Heptachlor

R.T.: 3.790 min
Delta R.T.: 0.004 min
Response: 31782
Conc: 0.03 ng/ml



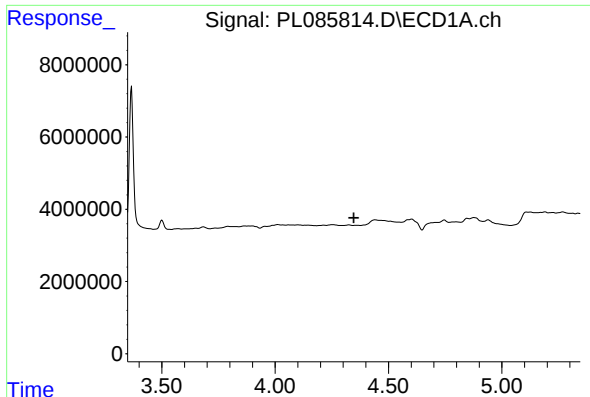
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.072 min
Response: 0
Conc: N.D.



#5 Aldrin

R.T.: 4.084 min
Delta R.T.: 0.021 min
Response: 483263
Conc: 0.43 ng/ml



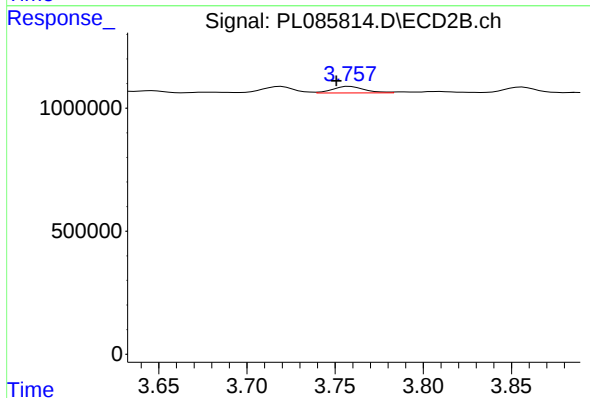
#6 beta-BHC

R.T.: 0.000 min
Exp R.T.: 4.347 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

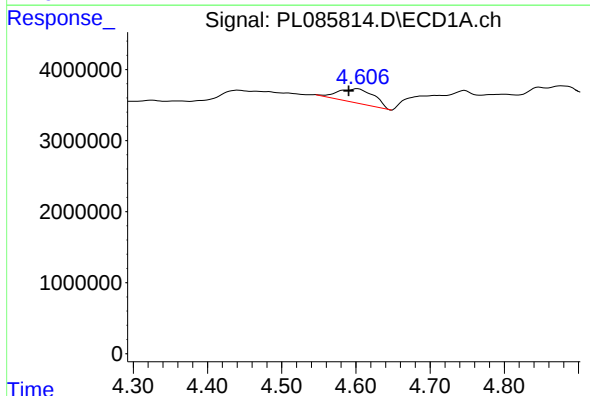
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023



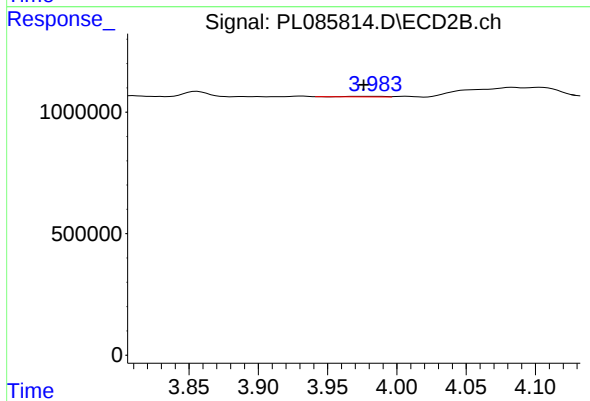
#6 beta-BHC

R.T.: 3.758 min
Delta R.T.: 0.008 min
Response: 335404
Conc: 0.64 ng/ml



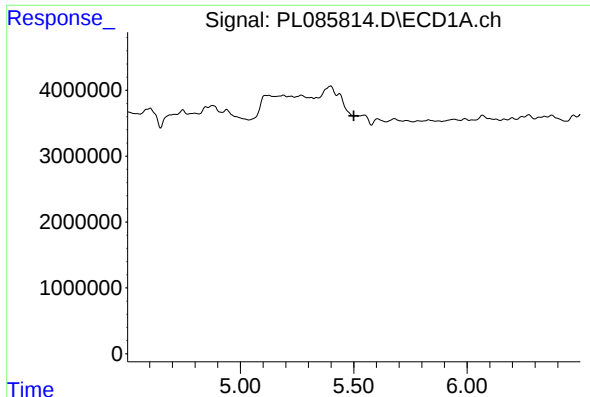
#7 delta-BHC

R.T.: 4.603 min
Delta R.T.: 0.012 min
Response: 6840421
Conc: 1.78 ng/ml



#7 delta-BHC

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 37567
Conc: 0.03 ng/ml



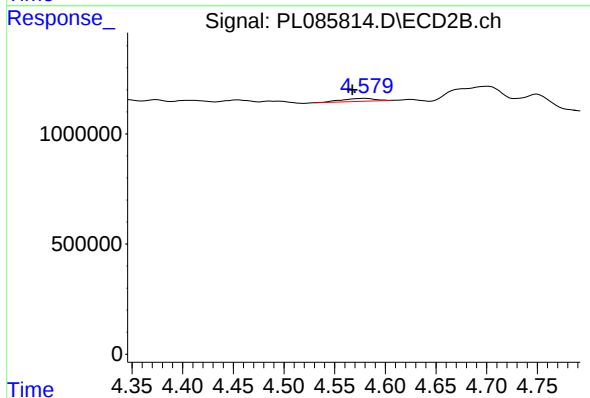
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.501 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

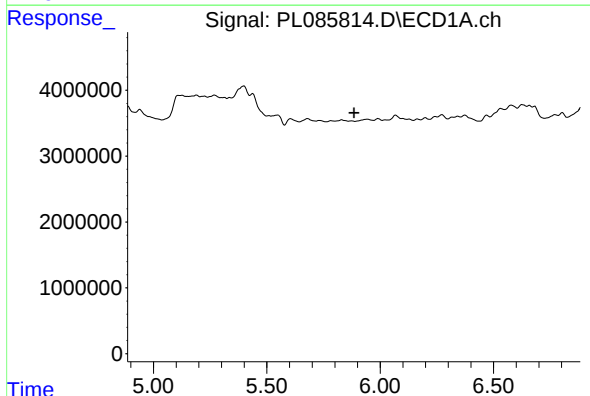
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023



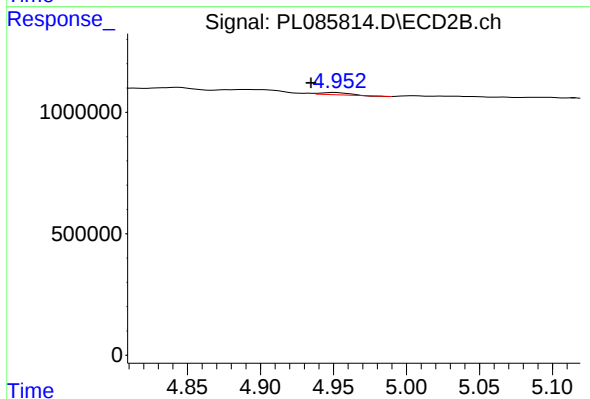
#8 Heptachlor epoxide

R.T.: 4.581 min
Delta R.T.: 0.013 min
Response: 294471
Conc: 0.29 ng/ml



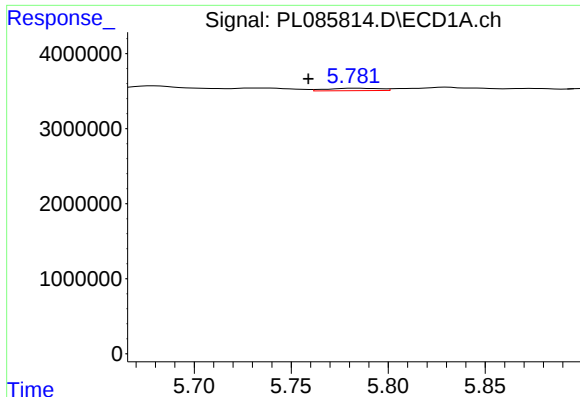
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.



#9 Endosulfan I

R.T.: 4.951 min
Delta R.T.: 0.017 min
Response: 119181
Conc: 0.11 ng/ml



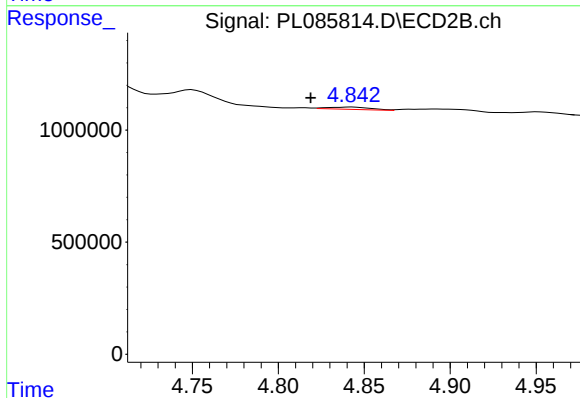
#10 gamma-Chlordane

R.T.: 5.783 min
Delta R.T.: 0.024 min
Response: 636432
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

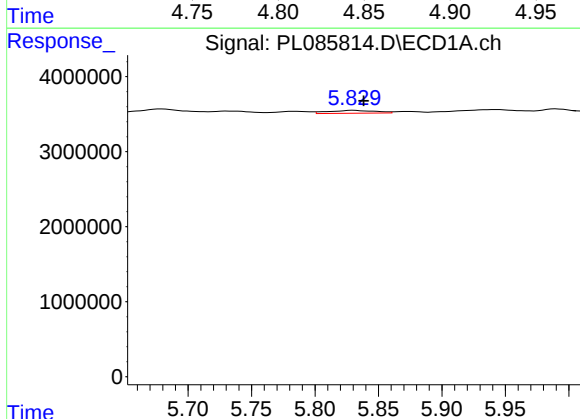
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023



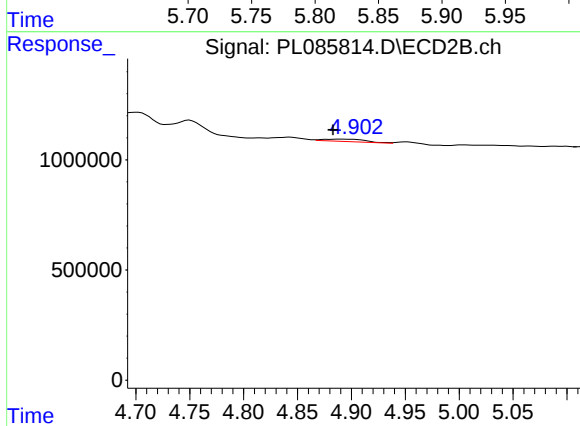
#10 gamma-Chlordane

R.T.: 4.843 min
Delta R.T.: 0.024 min
Response: 175779
Conc: 0.18 ng/ml



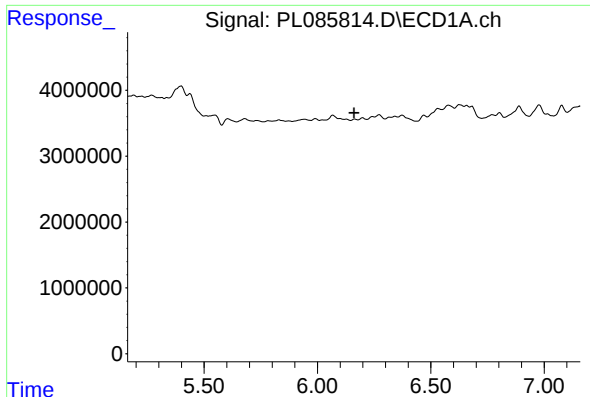
#11 alpha-Chlordane

R.T.: 5.830 min
Delta R.T.: -0.008 min
Response: 973063
Conc: 0.28 ng/ml



#11 alpha-Chlordane

R.T.: 4.891 min
Delta R.T.: 0.008 min
Response: 307086
Conc: 0.28 ng/ml



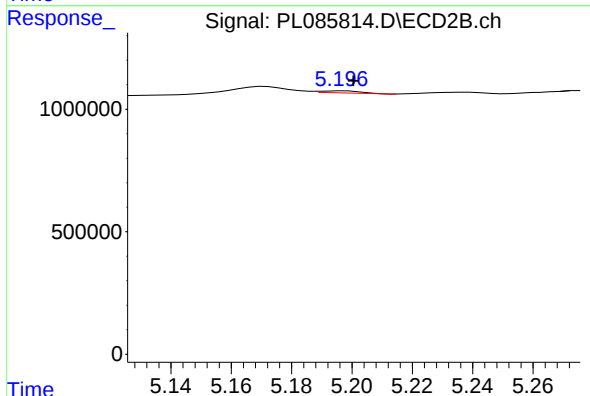
#13 Dieldrin

R.T.: 0.000 min
Exp R.T.: 6.162 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

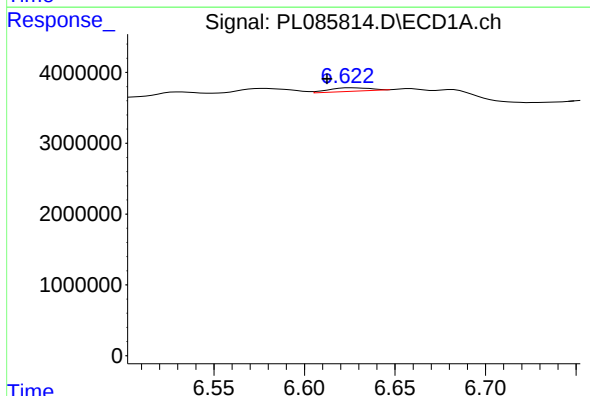
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023



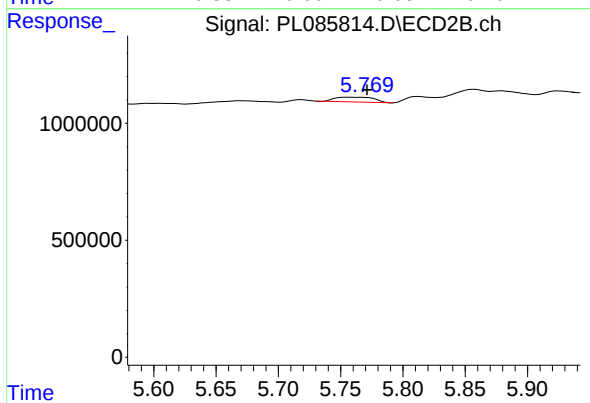
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.003 min
Response: 76121
Conc: 0.08 ng/ml



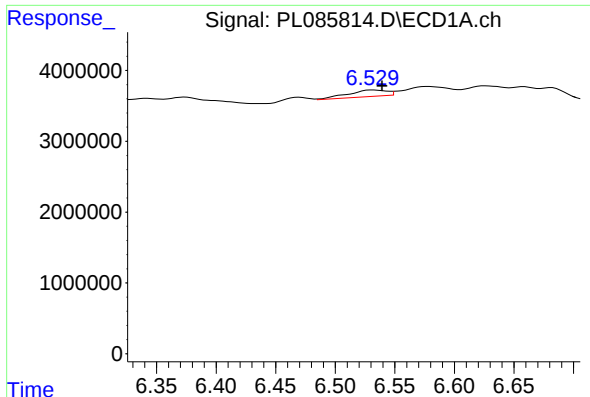
#15 Endosulfan II

R.T.: 6.625 min
Delta R.T.: 0.013 min
Response: 783660
Conc: 0.28 ng/ml



#15 Endosulfan II

R.T.: 5.757 min
Delta R.T.: -0.014 min
Response: 446687
Conc: 0.47 ng/ml



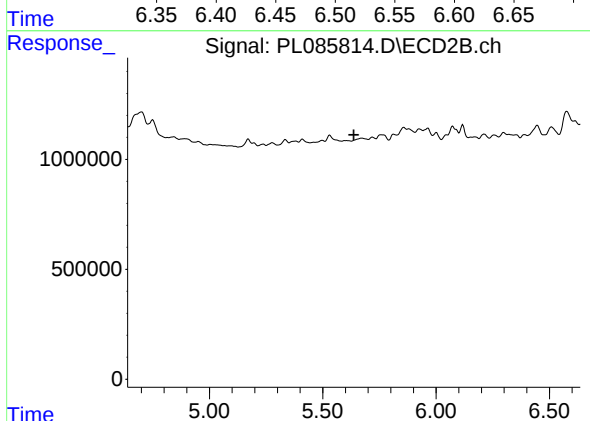
#16 4,4'-DDD

R.T.: 6.531 min
Delta R.T.: -0.008 min
Response: 2106693
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

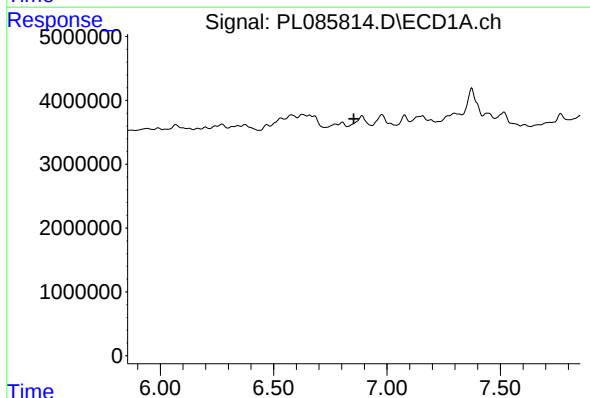
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023



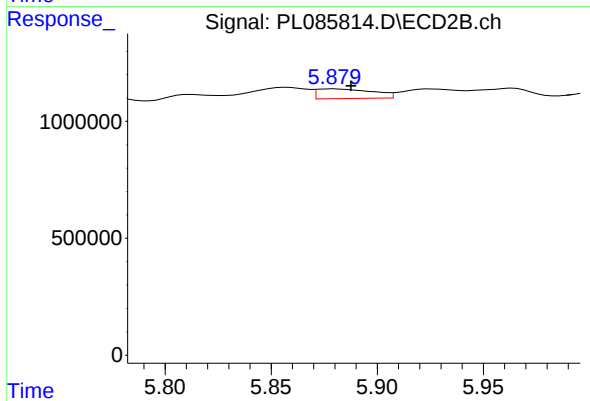
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.637 min
Response: 0
Conc: N.D.



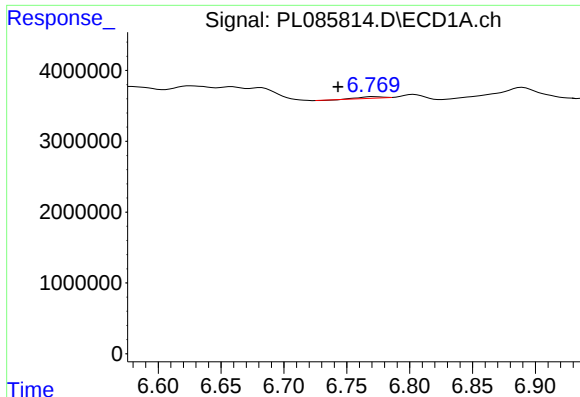
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 6.854 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

R.T.: 5.880 min
Delta R.T.: -0.008 min
Response: 758304
Conc: 0.96 ng/ml



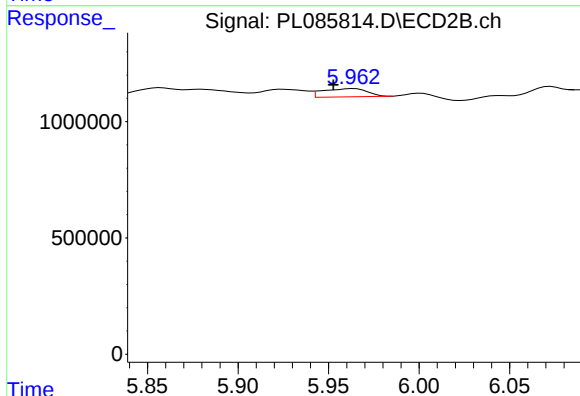
#18 Endrin aldehyde

R.T.: 6.771 min
Delta R.T.: 0.028 min
Response: 271063
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

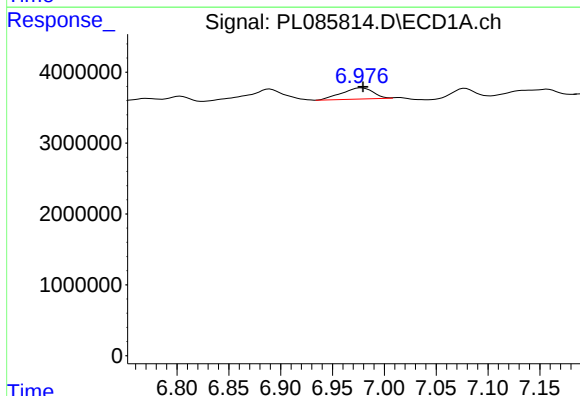
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023



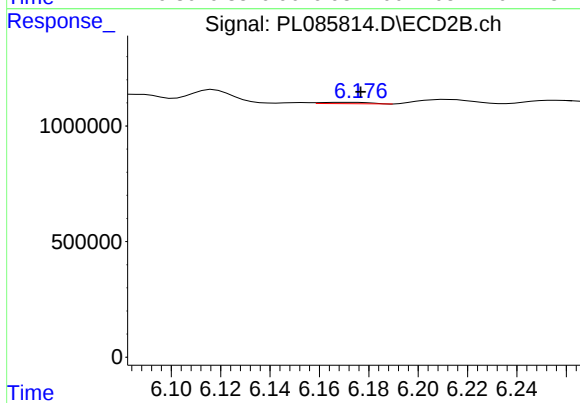
#18 Endrin aldehyde

R.T.: 5.964 min
Delta R.T.: 0.011 min
Response: 611426
Conc: 0.82 ng/ml



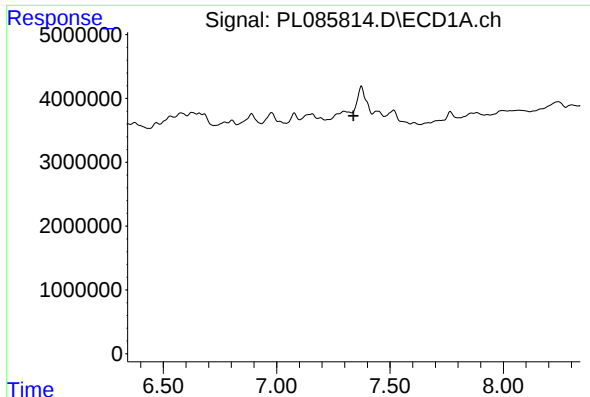
#19 Endosulfan Sulfate

R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 3341209
Conc: 1.33 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.171 min
Delta R.T.: -0.006 min
Response: 77883
Conc: 0.09 ng/ml



#20 Methoxychlor

R.T.: 0.000 min
Exp R.T.: 7.339 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023

#20 Methoxychlor

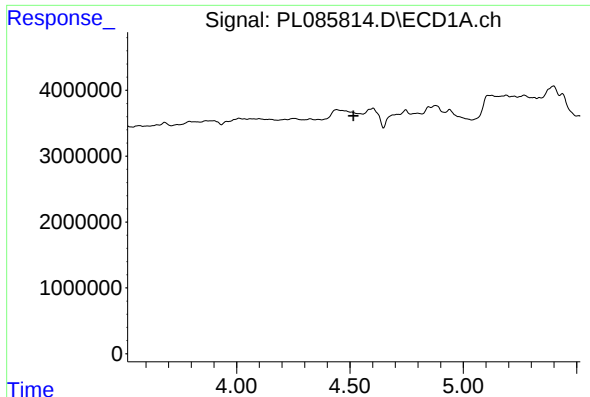
R.T.: 6.446 min
Delta R.T.: -0.026 min
Response: 278805
Conc: 0.53 ng/ml

#21 Endrin ketone

R.T.: 7.441 min
Delta R.T.: -0.021 min
Response: 2536576
Conc: 0.88 ng/ml

#21 Endrin ketone

R.T.: 6.691 min
Delta R.T.: 0.013 min
Response: 1779733
Conc: 1.55 ng/ml



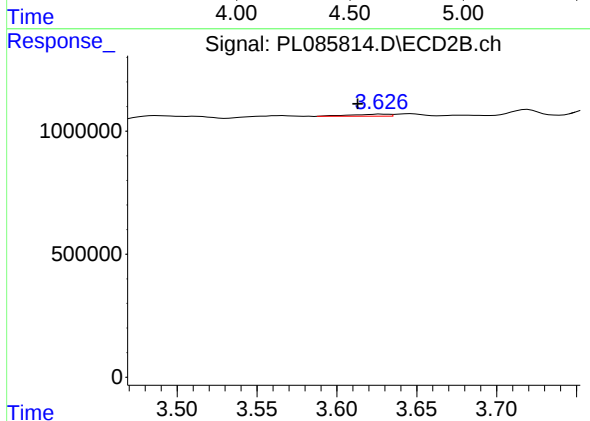
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.516 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

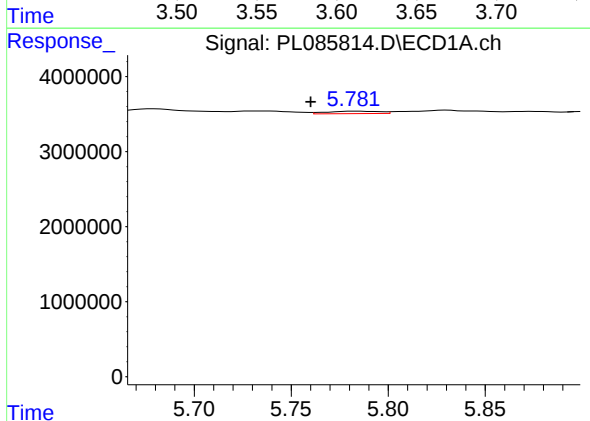
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023



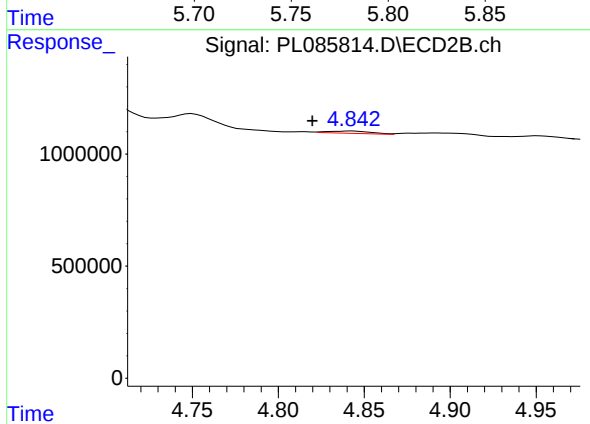
#23 Chlordane-1

R.T.: 3.627 min
Delta R.T.: 0.014 min
Response: 142940
Conc: 4.38 ng/ml



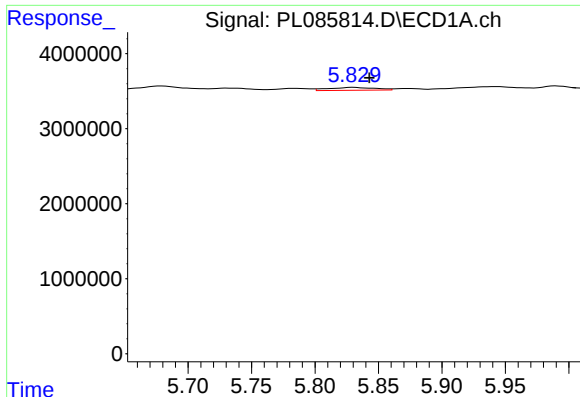
#25 Chlordane-3

R.T.: 5.783 min
Delta R.T.: 0.023 min
Response: 636432
Conc: 1.25 ng/ml



#25 Chlordane-3

R.T.: 4.843 min
Delta R.T.: 0.023 min
Response: 175779
Conc: 1.74 ng/ml



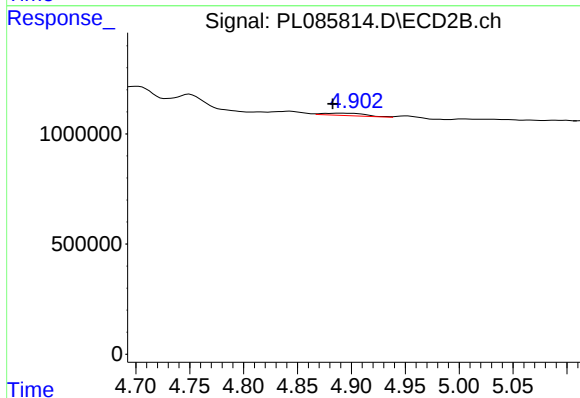
#26 Chlordane-4

R.T.: 5.830 min
Delta R.T.: -0.013 min
Response: 973063
Conc: 1.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

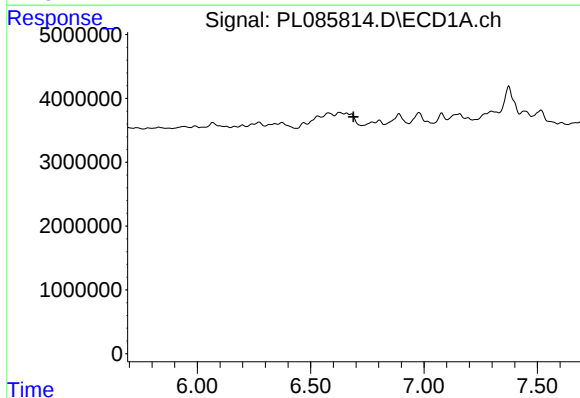
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023



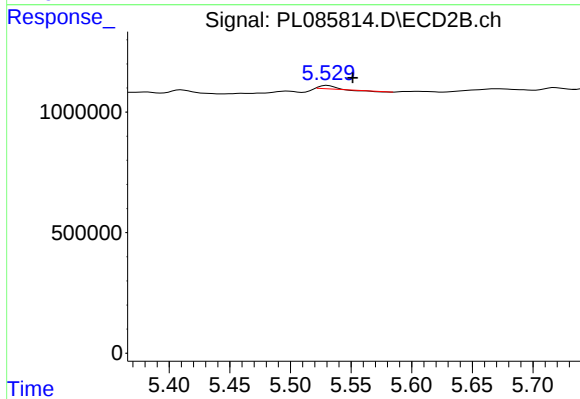
#26 Chlordane-4

R.T.: 4.891 min
Delta R.T.: 0.008 min
Response: 307086
Conc: 2.65 ng/ml



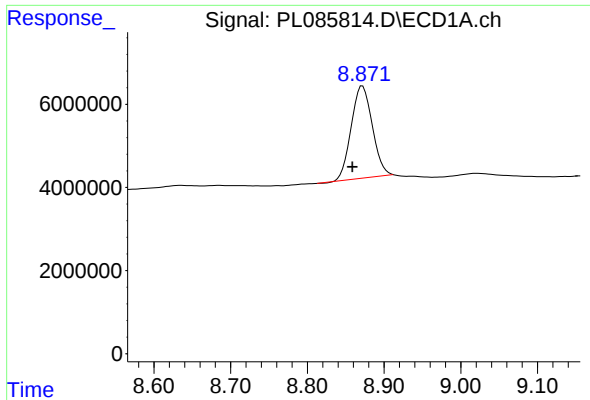
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.689 min
Response: 0
Conc: N.D.



#27 Chlordane-5

R.T.: 5.530 min
Delta R.T.: -0.021 min
Response: 71541
Conc: 2.57 ng/ml



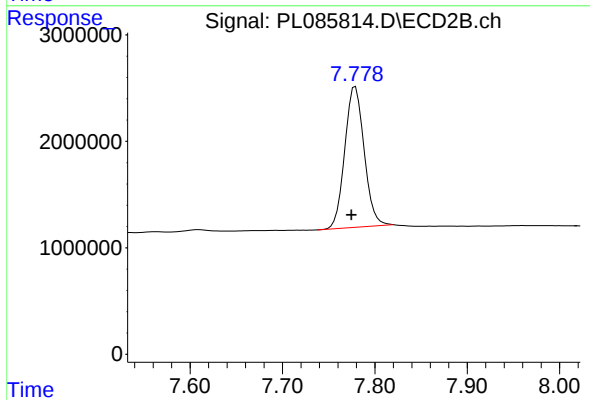
#28 Decachlorobiphenyl

R.T.: 8.872 min
Delta R.T.: 0.013 min
Response: 42751915
Conc: 19.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023



#28 Decachlorobiphenyl

R.T.: 7.779 min
Delta R.T.: 0.004 min
Response: 19318937
Conc: 20.93 ng/ml