

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040623\
 Data File : PL081877.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2023 15:37
 Operator : AR\AJ
 Sample : 02213-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/07/2023
 Supervised By :Ankita Jodhani 04/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 21:31:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.326	2.655	40865119	38077940	17.570	19.076
28)	SA Decachlor...	8.745	7.769	33346381	39463280	18.633	19.898
Target Compounds							
2)	A alpha-BHC	3.775	3.153	6606539	5754338	1.927	1.974
3)	MA gamma-BHC...	4.103	3.480	6193426	6186188	1.950	2.222
4)	MA Heptachlor	4.682	3.813	6203686	6388012	1.968	2.228
5)	MB Aldrin	5.019	4.090	6203272	5901662	2.169	2.215
6)	B beta-BHC	4.306	3.778	4023366	3137403	2.673	2.634m
7)	B delta-BHC	4.547	4.006	7925374	5527021	2.608	2.137
8)	B Heptachlo...	5.445	4.592	6987908	6227324	2.569	2.564
9)	A Endosulfan I	5.825	4.959	5642672	5745056	2.284	2.602
10)	B gamma-Chl...	5.700	4.841	6070440	6287230	2.312	2.587
11)	B alpha-Chl...	5.777	4.904	5835431	6237383	2.254	2.568
12)	B 4,4'-DDE	5.955	5.094	5017402	4642152	2.226	2.357
13)	MA Dieldrin	6.100	5.223	5614135	5415912	2.319	2.408
14)	MA Endrin	6.327	5.498	4293166	4733790	2.030	2.339
15)	B Endosulfa...	6.549	5.792	5044132	5461735	2.377	3.011m#
16)	A 4,4'-DDD	6.469	5.648	4808002	3805359	2.666m	2.508
17)	MA 4,4'-DDT	6.782	5.897	3754272	3620050	1.850	2.101
18)	B Endrin al...	6.679	5.974	4618288	4436204	2.823	2.857
19)	B Endosulfa...	6.913	6.196	4903989	5064965	2.353	2.603
20)	A Methoxychlor	7.262	6.476	2255971	2445362	2.095	2.455
21)	B Endrin ke...	7.392	6.701	5194880	5650182	2.480	2.644
22)	Mirex	7.857	6.874	4158208	5184145	2.427	2.700

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040623\
 Data File : PL081877.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2023 15:37
 Operator : AR\AJ
 Sample : 02213-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 17 Sample Multiplier: 1

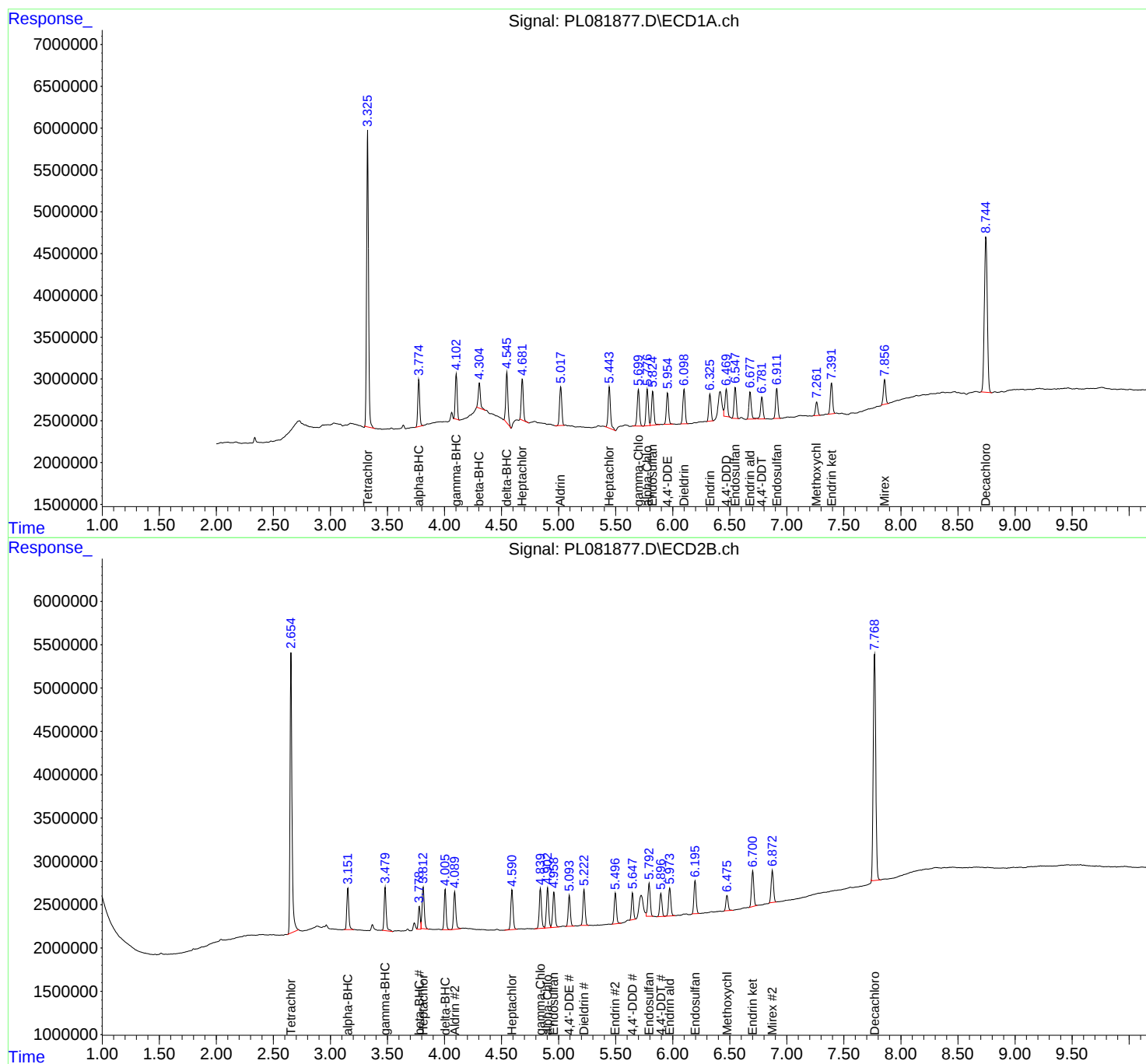
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

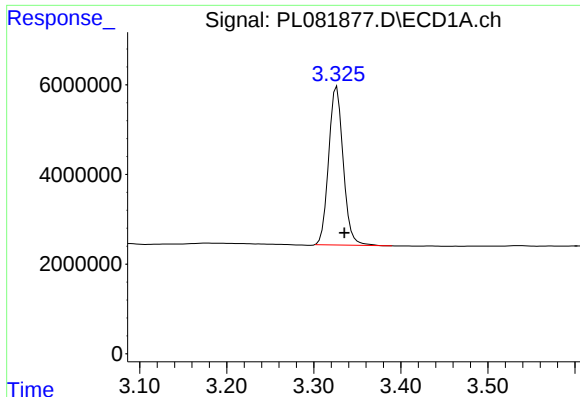
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 04/07/2023
 Supervised By : Ankita Jodhani 04/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 21:31:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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





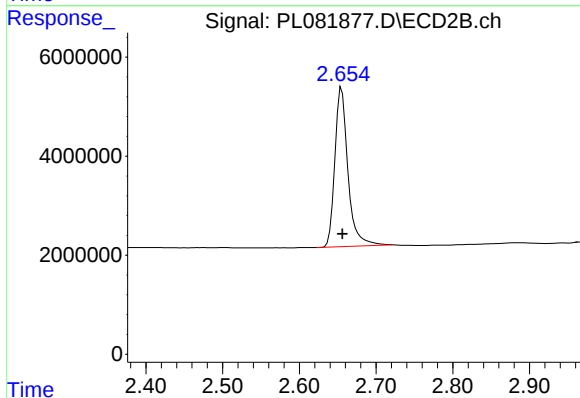
#1 Tetrachloro-m-xylene

R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 40865119
Conc: 17.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

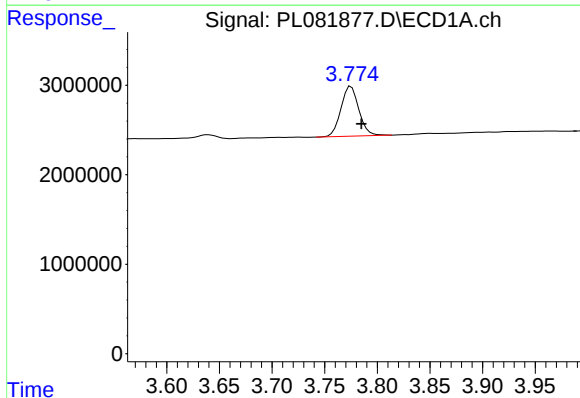
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



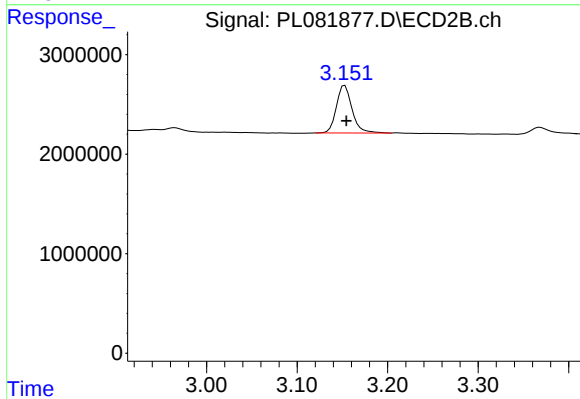
#1 Tetrachloro-m-xylene

R.T.: 2.655 min
Delta R.T.: 0.000 min
Response: 38077940
Conc: 19.08 ng/ml



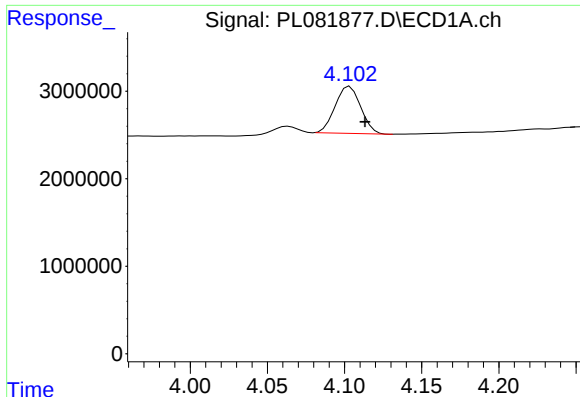
#2 alpha-BHC

R.T.: 3.775 min
Delta R.T.: -0.010 min
Response: 6606539
Conc: 1.93 ng/ml



#2 alpha-BHC

R.T.: 3.153 min
Delta R.T.: -0.002 min
Response: 5754338
Conc: 1.97 ng/ml



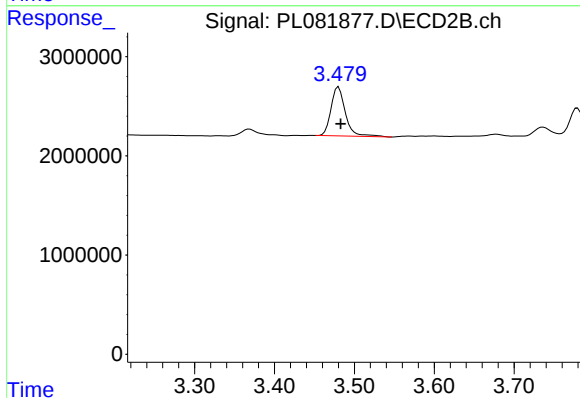
#3 gamma-BHC (Lindane)

R.T.: 4.103 min
Delta R.T.: -0.010 min
Response: 6193426
Conc: 1.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

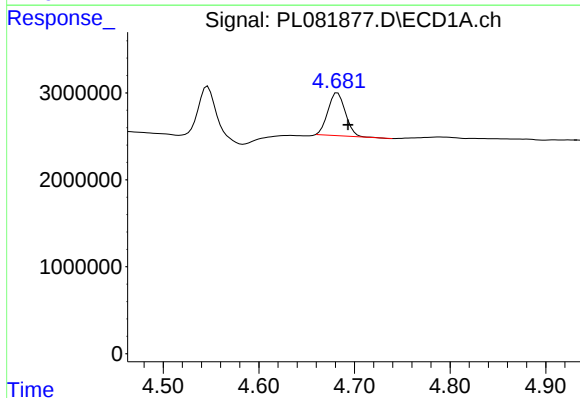
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



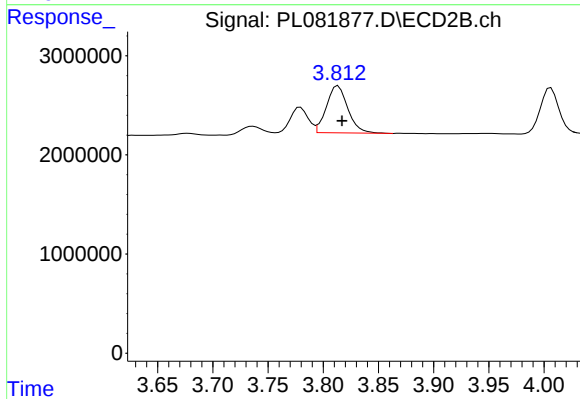
#3 gamma-BHC (Lindane)

R.T.: 3.480 min
Delta R.T.: -0.003 min
Response: 6186188
Conc: 2.22 ng/ml



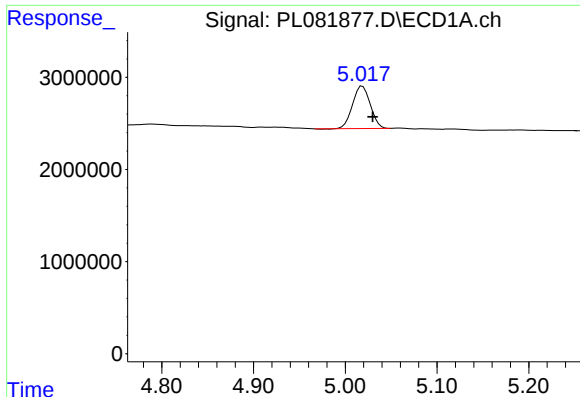
#4 Heptachlor

R.T.: 4.682 min
Delta R.T.: -0.011 min
Response: 6203686
Conc: 1.97 ng/ml



#4 Heptachlor

R.T.: 3.813 min
Delta R.T.: -0.004 min
Response: 6388012
Conc: 2.23 ng/ml



#5 Aldrin

R.T.: 5.019 min
Delta R.T.: -0.011 min
Response: 6203272
Conc: 2.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023

#5 Aldrin

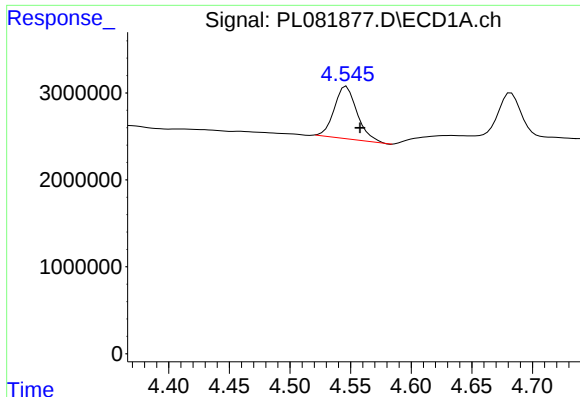
R.T.: 4.090 min
Delta R.T.: -0.005 min
Response: 5901662
Conc: 2.21 ng/ml

#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: -0.010 min
Response: 4023366
Conc: 2.67 ng/ml

#6 beta-BHC

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 3137403
Conc: 2.63 ng/ml m



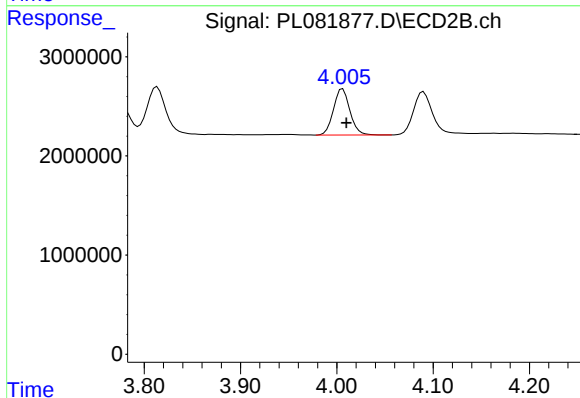
#7 delta-BHC

R.T.: 4.547 min
Delta R.T.: -0.011 min
Response: 7925374
Conc: 2.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

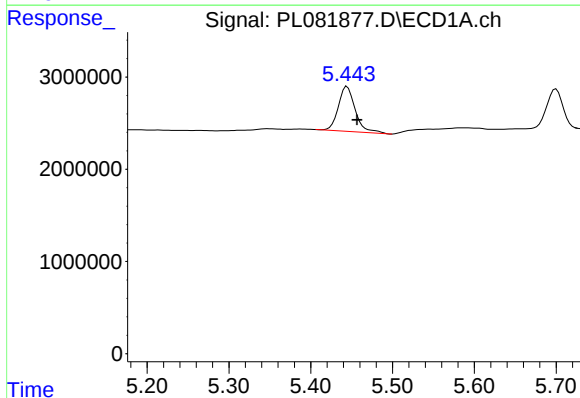
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



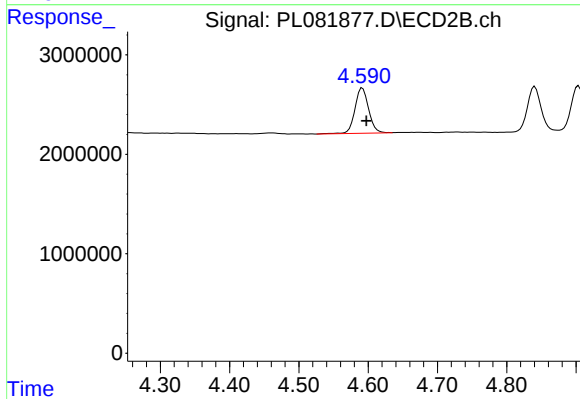
#7 delta-BHC

R.T.: 4.006 min
Delta R.T.: -0.004 min
Response: 5527021
Conc: 2.14 ng/ml



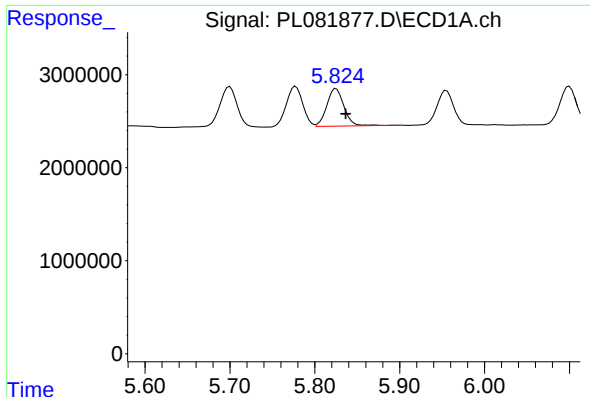
#8 Heptachlor epoxide

R.T.: 5.445 min
Delta R.T.: -0.012 min
Response: 6987908
Conc: 2.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.592 min
Delta R.T.: -0.006 min
Response: 6227324
Conc: 2.56 ng/ml



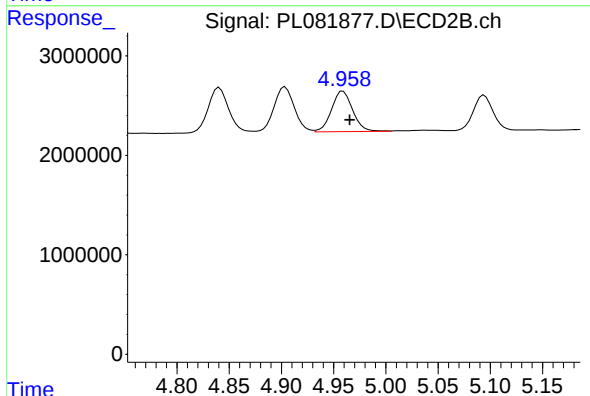
#9 Endosulfan I

R.T.: 5.825 min
Delta R.T.: -0.011 min
Response: 5642672
Conc: 2.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

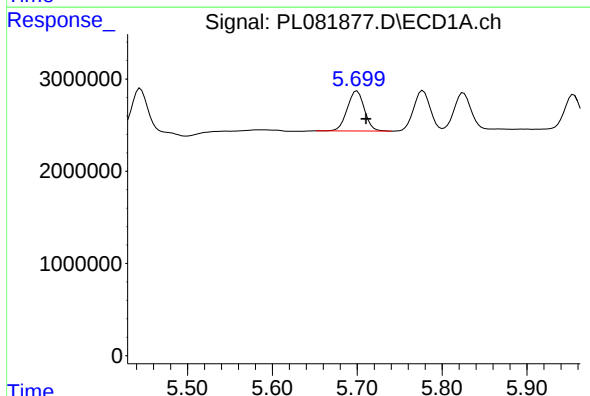
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



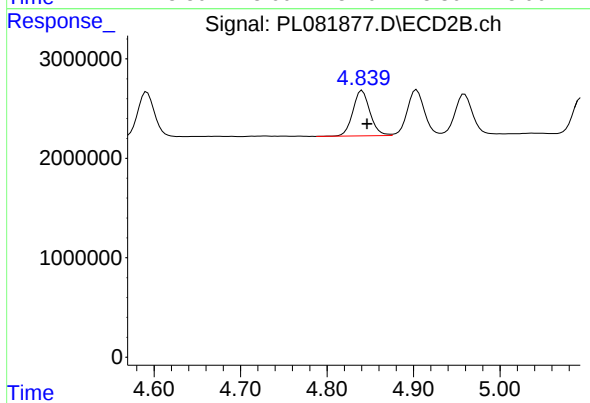
#9 Endosulfan I

R.T.: 4.959 min
Delta R.T.: -0.006 min
Response: 5745056
Conc: 2.60 ng/ml



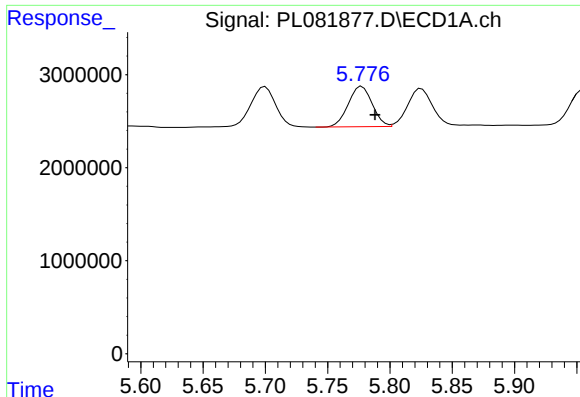
#10 gamma-Chlordane

R.T.: 5.700 min
Delta R.T.: -0.010 min
Response: 6070440
Conc: 2.31 ng/ml



#10 gamma-Chlordane

R.T.: 4.841 min
Delta R.T.: -0.006 min
Response: 6287230
Conc: 2.59 ng/ml



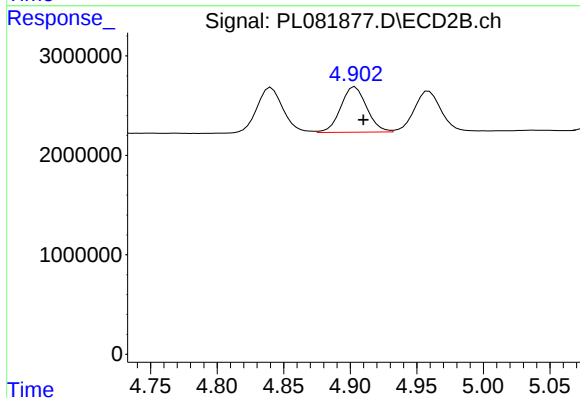
#11 alpha-Chlordane

R.T.: 5.777 min
Delta R.T.: -0.011 min
Response: 5835431
Conc: 2.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

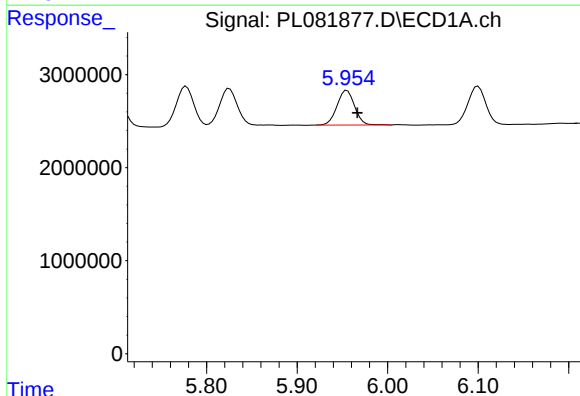
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



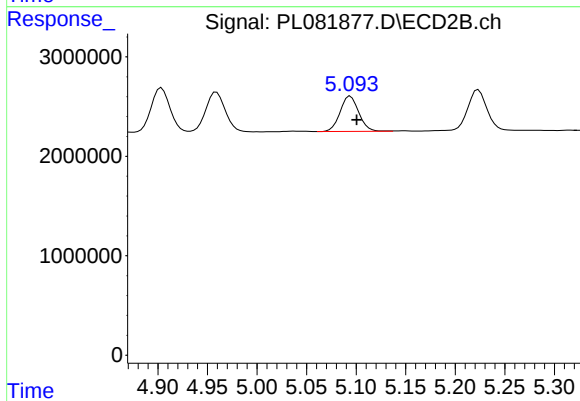
#11 alpha-Chlordane

R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 6237383
Conc: 2.57 ng/ml



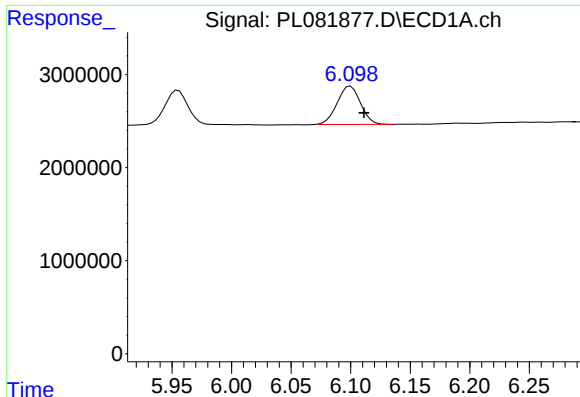
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 5017402
Conc: 2.23 ng/ml



#12 4,4'-DDE

R.T.: 5.094 min
Delta R.T.: -0.006 min
Response: 4642152
Conc: 2.36 ng/ml



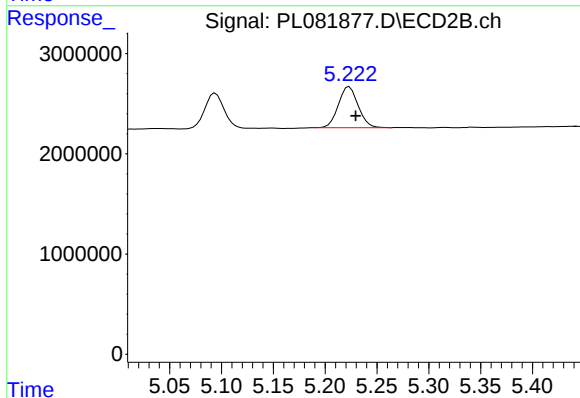
#13 Dieldrin

R.T.: 6.100 min
Delta R.T.: -0.011 min
Response: 5614135
Conc: 2.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

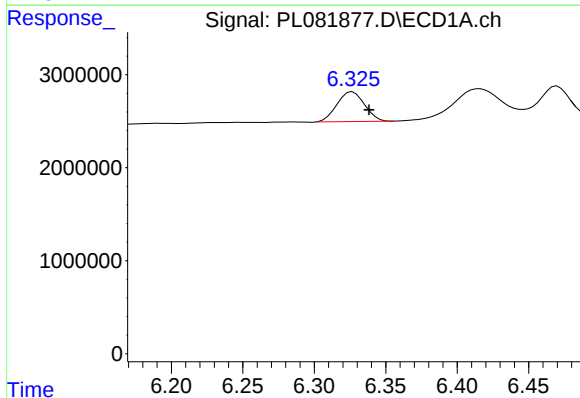
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



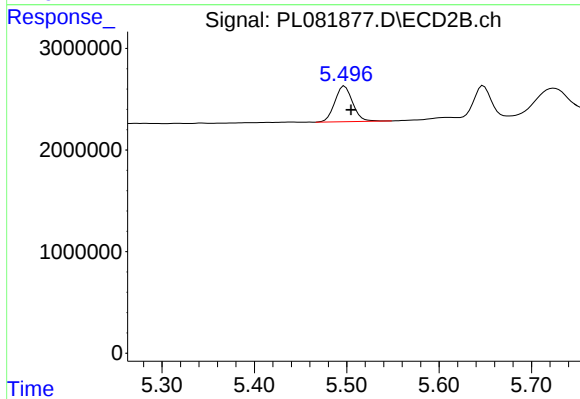
#13 Dieldrin

R.T.: 5.223 min
Delta R.T.: -0.006 min
Response: 5415912
Conc: 2.41 ng/ml



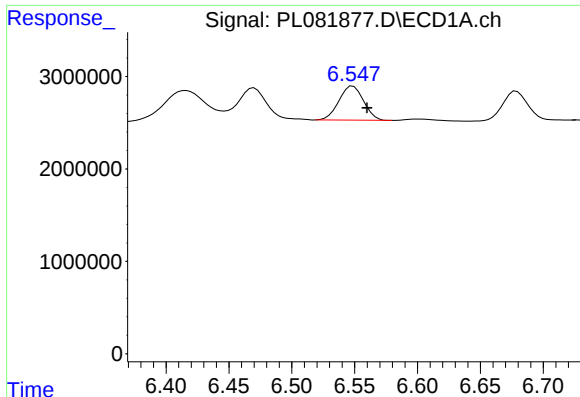
#14 Endrin

R.T.: 6.327 min
Delta R.T.: -0.011 min
Response: 4293166
Conc: 2.03 ng/ml



#14 Endrin

R.T.: 5.498 min
Delta R.T.: -0.007 min
Response: 4733790
Conc: 2.34 ng/ml



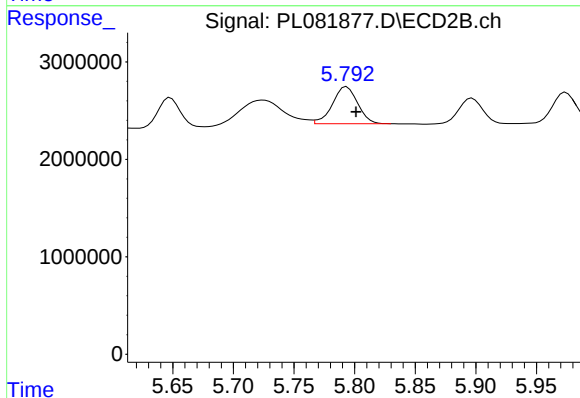
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: -0.011 min
Response: 5044132
Conc: 2.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

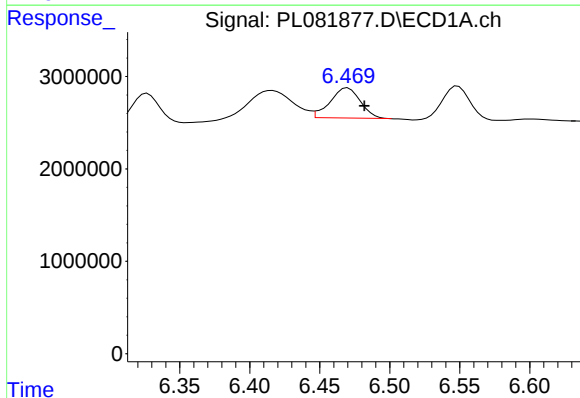
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



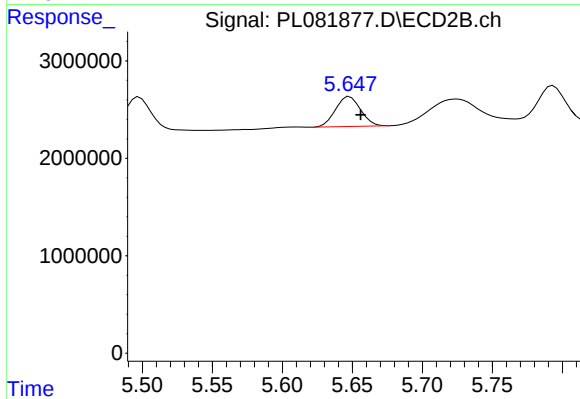
#15 Endosulfan II

R.T.: 5.792 min
Delta R.T.: -0.009 min
Response: 5461735
Conc: 3.01 ng/ml m



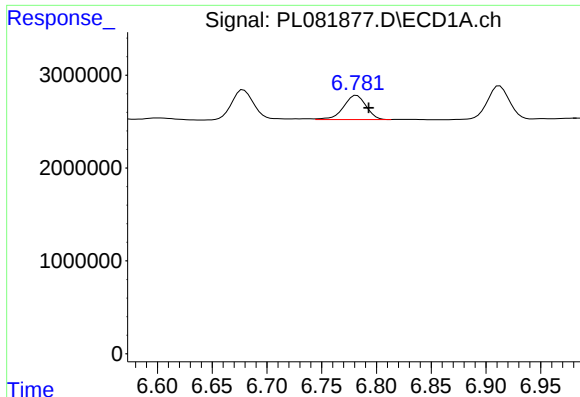
#16 4,4'-DDD

R.T.: 6.469 min
Delta R.T.: -0.013 min
Response: 4808002
Conc: 2.67 ng/ml m



#16 4,4'-DDD

R.T.: 5.648 min
Delta R.T.: -0.008 min
Response: 3805359
Conc: 2.51 ng/ml



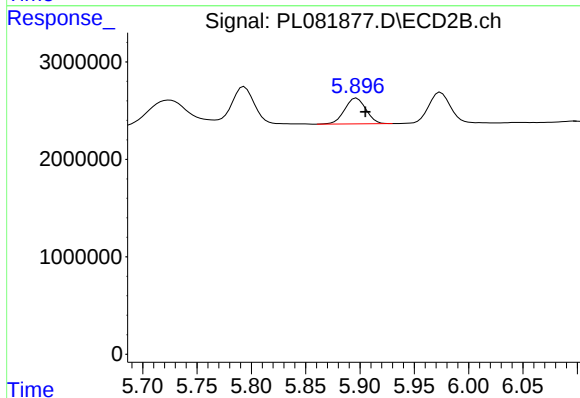
#17 4,4'-DDT

R.T.: 6.782 min
Delta R.T.: -0.011 min
Response: 3754272
Conc: 1.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

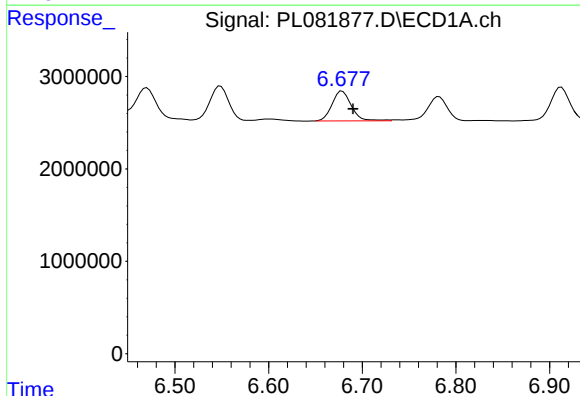
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



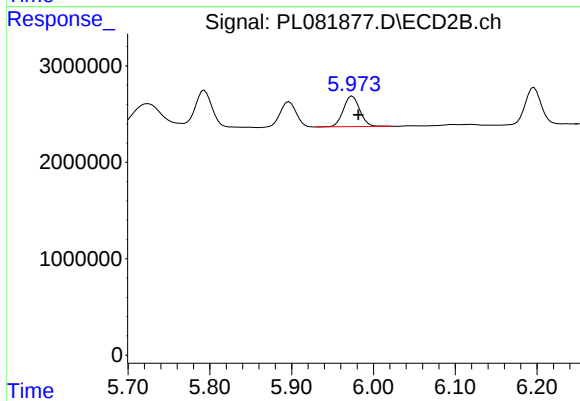
#17 4,4'-DDT

R.T.: 5.897 min
Delta R.T.: -0.008 min
Response: 3620050
Conc: 2.10 ng/ml



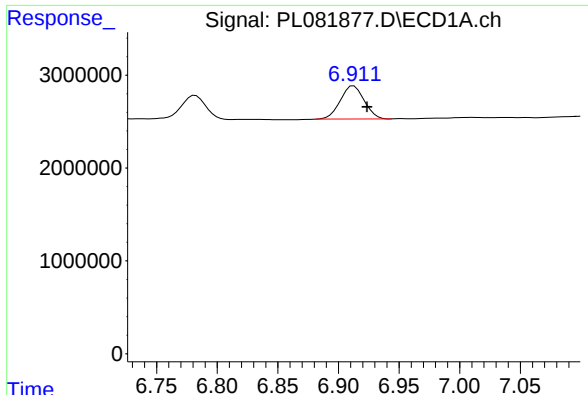
#18 Endrin aldehyde

R.T.: 6.679 min
Delta R.T.: -0.011 min
Response: 4618288
Conc: 2.82 ng/ml



#18 Endrin aldehyde

R.T.: 5.974 min
Delta R.T.: -0.008 min
Response: 4436204
Conc: 2.86 ng/ml



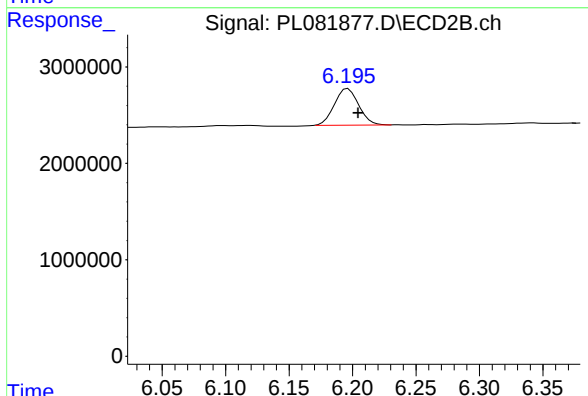
#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: -0.011 min
Response: 4903989
Conc: 2.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



#19 Endosulfan Sulfate

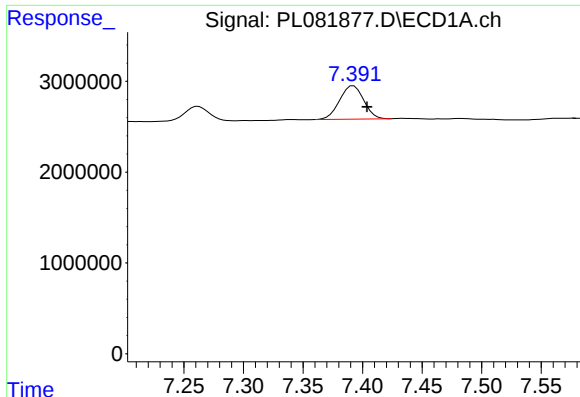
R.T.: 6.196 min
Delta R.T.: -0.008 min
Response: 5064965
Conc: 2.60 ng/ml

#20 Methoxychlor

R.T.: 7.262 min
Delta R.T.: -0.012 min
Response: 2255971
Conc: 2.09 ng/ml

#20 Methoxychlor

R.T.: 6.476 min
Delta R.T.: -0.009 min
Response: 2445362
Conc: 2.46 ng/ml



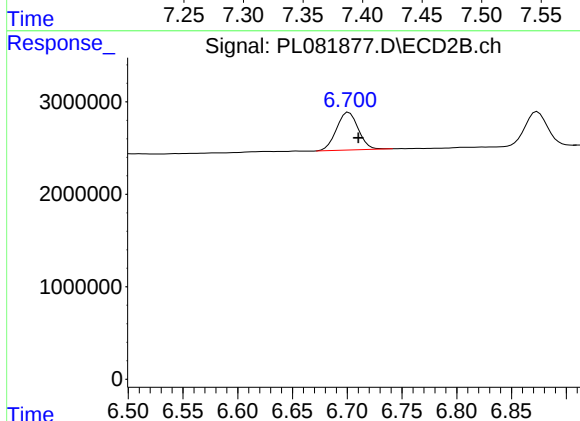
#21 Endrin ketone

R.T.: 7.392 min
Delta R.T.: -0.011 min
Response: 5194880
Conc: 2.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

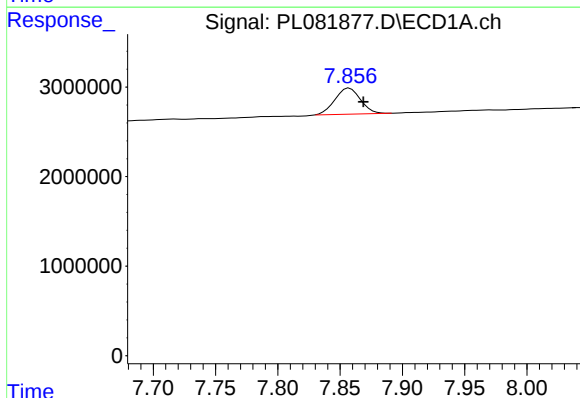
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



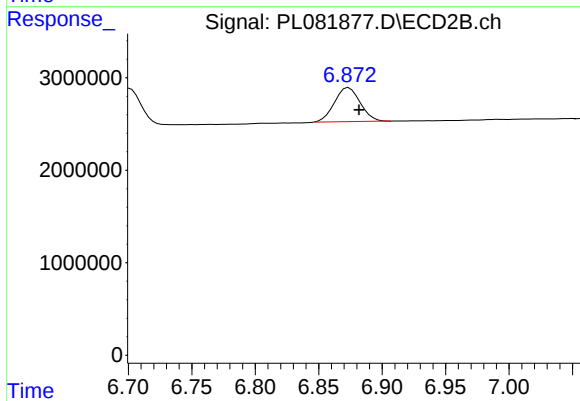
#21 Endrin ketone

R.T.: 6.701 min
Delta R.T.: -0.009 min
Response: 5650182
Conc: 2.64 ng/ml



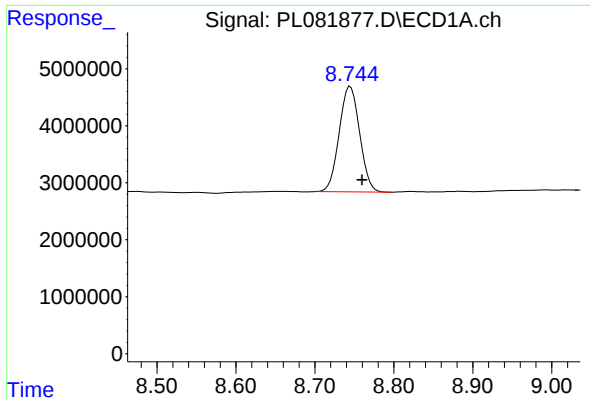
#22 Mirex

R.T.: 7.857 min
Delta R.T.: -0.011 min
Response: 4158208
Conc: 2.43 ng/ml



#22 Mirex

R.T.: 6.874 min
Delta R.T.: -0.008 min
Response: 5184145
Conc: 2.70 ng/ml



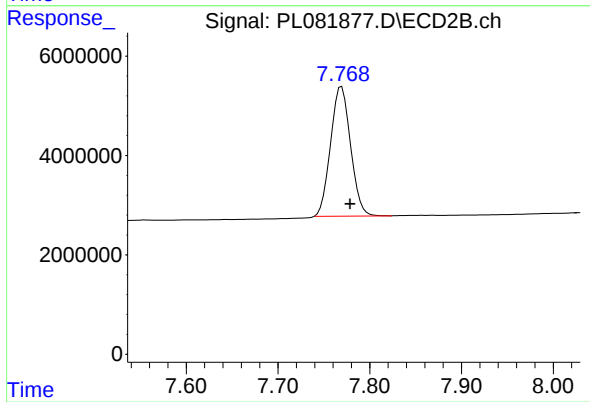
#28 Decachlorobiphenyl

R.T.: 8.745 min
Delta R.T.: -0.015 min
Response: 33346381
Conc: 18.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



#28 Decachlorobiphenyl

R.T.: 7.769 min
Delta R.T.: -0.009 min
Response: 39463280
Conc: 19.90 ng/ml