

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062023\
 Data File : PL083615.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 23:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/21/2023
 Supervised By :Ankita Jodhani 06/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 07:20:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 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...	3.452	2.752	107.0E6	117.2E6	48.394	50.323
28)	SA Decachlor...	8.988	7.960	101.7E6	119.4E6	53.345	48.604
Target Compounds							
2)	A alpha-BHC	3.909	3.262	153.5E6	174.1E6	49.304	51.573
3)	MA gamma-BHC...	4.243	3.595	142.4E6	164.9E6	49.941	51.352
4)	MA Heptachlor	4.834	3.941	133.1E6	154.4E6	48.147	49.884
5)	MB Aldrin	5.176	4.224	131.7E6	157.4E6	50.674	52.295
6)	B beta-BHC	4.441	3.896	64086177	75788057	49.534	50.783
7)	B delta-BHC	4.687	4.127	140.2E6	169.2E6	50.857	52.499
8)	B Heptachlo...	5.604	4.731	125.5E6	149.6E6	49.424	52.123m
9)	A Endosulfan I	5.990	5.105	115.7E6	142.2E6	51.903	52.748
10)	B gamma-Chl...	5.861	4.986	125.2E6	164.7E6	52.031	55.679
11)	B alpha-Chl...	5.942	5.051	123.6E6	155.0E6	52.165	52.386
12)	B 4,4'-DDE	6.121	5.248	109.5E6	137.6E6	54.225	53.864
13)	MA Dieldrin	6.267	5.374	119.2E6	156.0E6	53.107	55.624
14)	MA Endrin	6.496	5.649	95691040	123.8E6	54.220	53.649
15)	B Endosulfa...	6.716	5.946	100.7E6	120.4E6	53.955	50.735
16)	A 4,4'-DDD	6.638	5.807	101.7E6	128.8E6	59.591	58.416
17)	MA 4,4'-DDT	6.953	6.061	81315234	97197383	48.297	46.554
18)	B Endrin al...	6.845	6.128	80522819	101.1E6	54.320m	53.515
19)	B Endosulfa...	7.082	6.354	105.9E6	131.3E6	55.119	54.209
20)	A Methoxychlor	7.434	6.646	45898113	56147099	50.601	46.588
21)	B Endrin ke...	7.566	6.860	117.4E6	145.8E6	54.808	51.869
22)	Mirex	8.041	7.046	96689468	118.1E6	51.804	49.073

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062023\
 Data File : PL083615.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 23:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

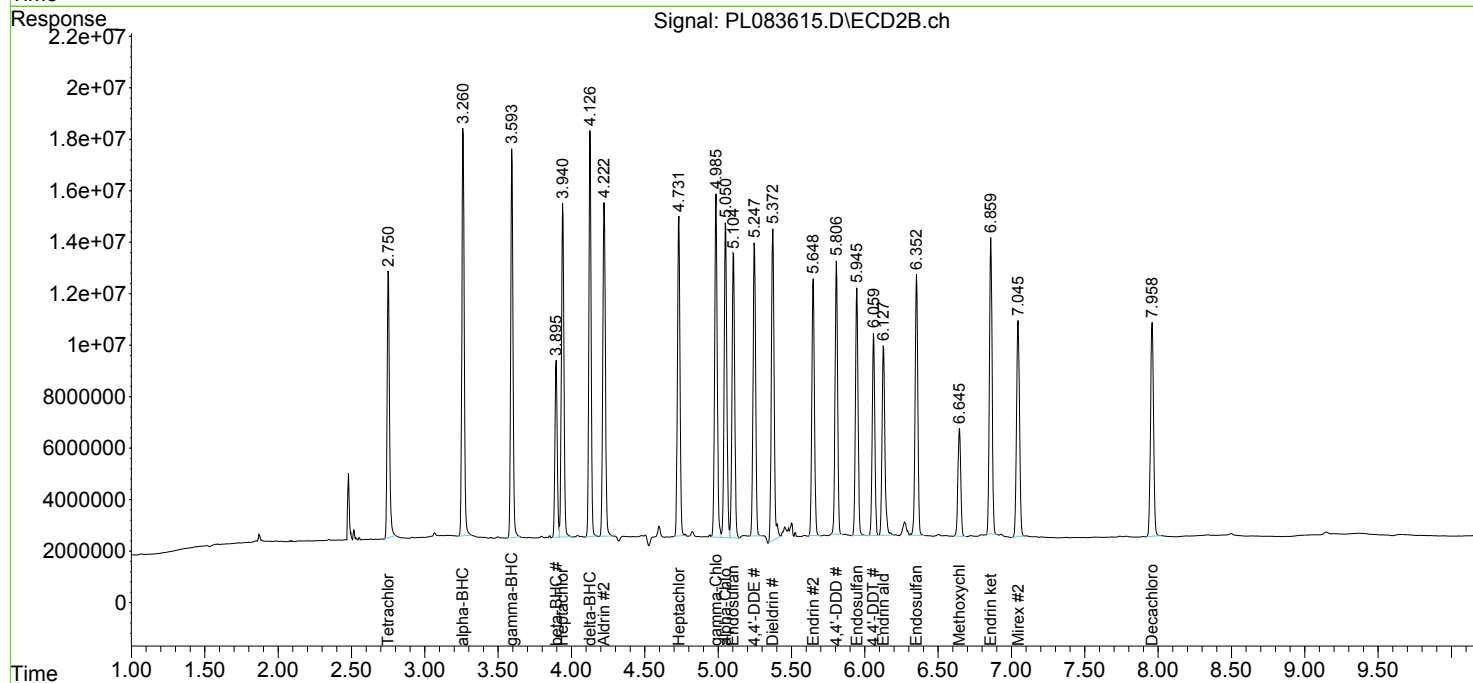
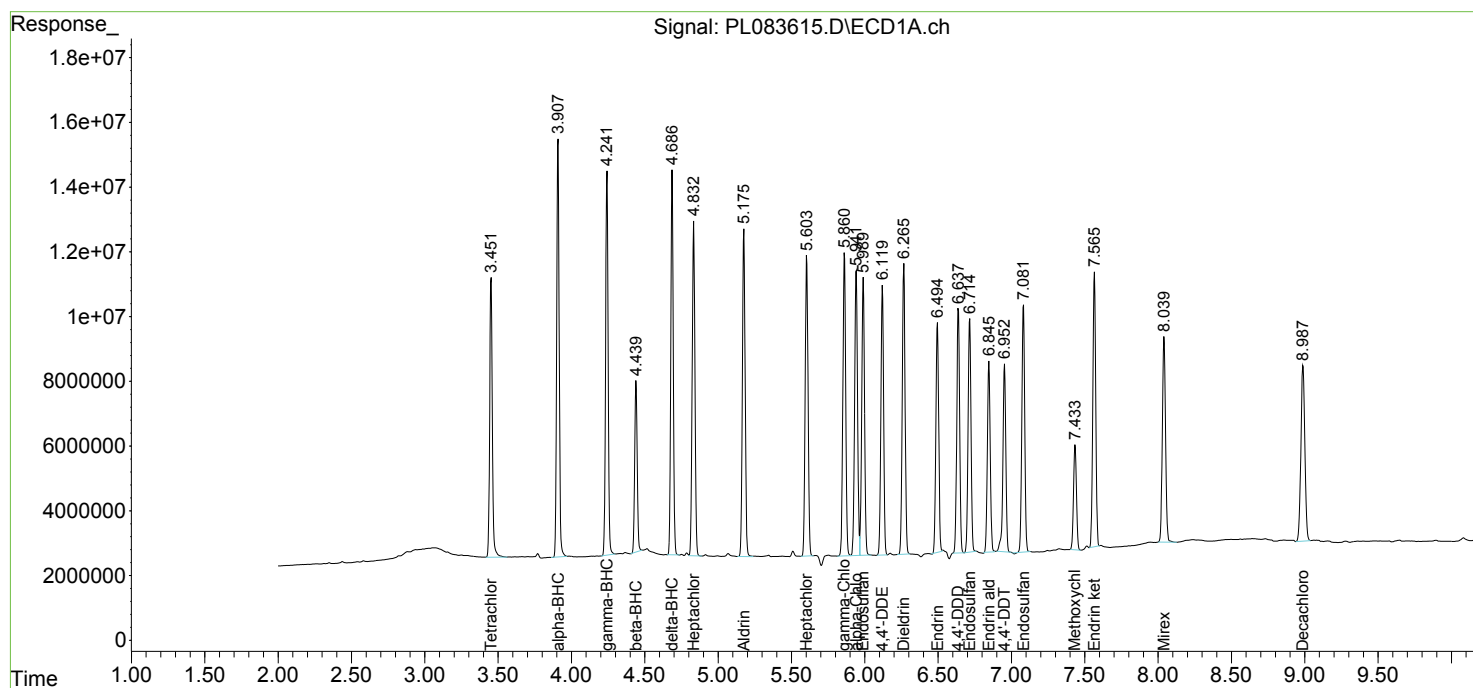
Manual Integrations

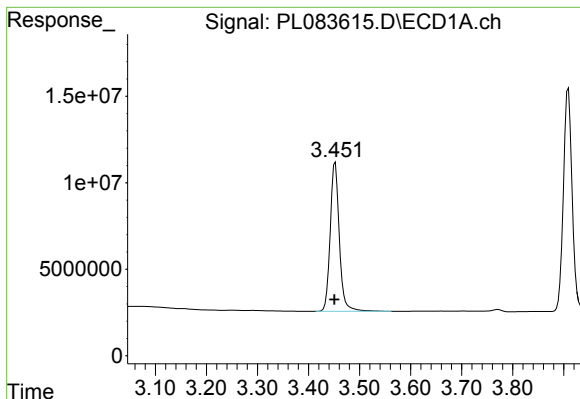
APPROVED

Reviewed By :Abdul Mirza 06/21/2023
 Supervised By :Ankita Jodhani 06/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 07:20:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 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





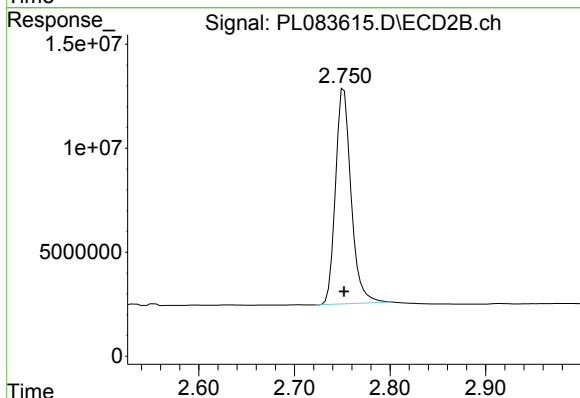
#1 Tetrachloro-m-xylene

R.T.: 3.452 min
Delta R.T.: 0.001 min
Response: 106966177
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

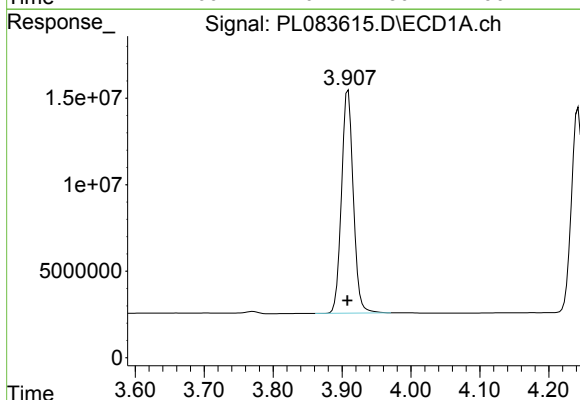
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



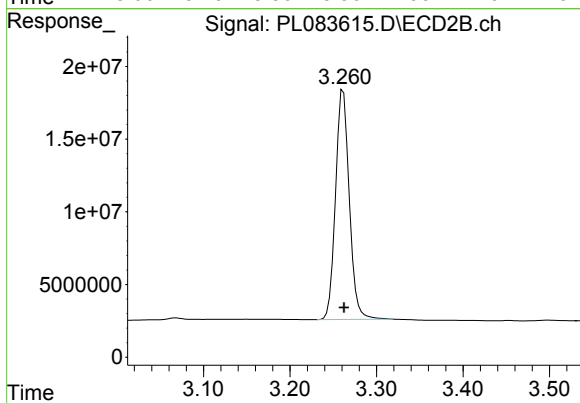
#1 Tetrachloro-m-xylene

R.T.: 2.752 min
Delta R.T.: 0.000 min
Response: 117221926
Conc: 50.32 ng/ml



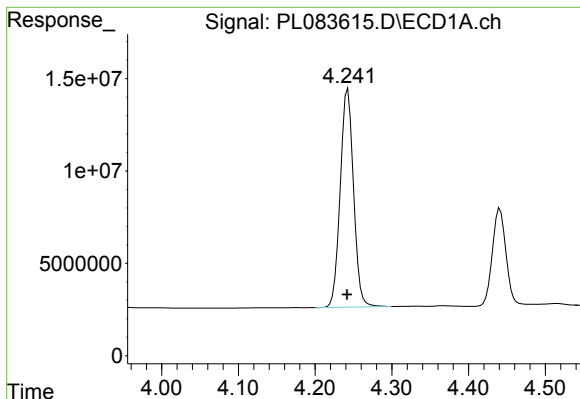
#2 alpha-BHC

R.T.: 3.909 min
Delta R.T.: 0.001 min
Response: 153503149
Conc: 49.30 ng/ml



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 174091200
Conc: 51.57 ng/ml



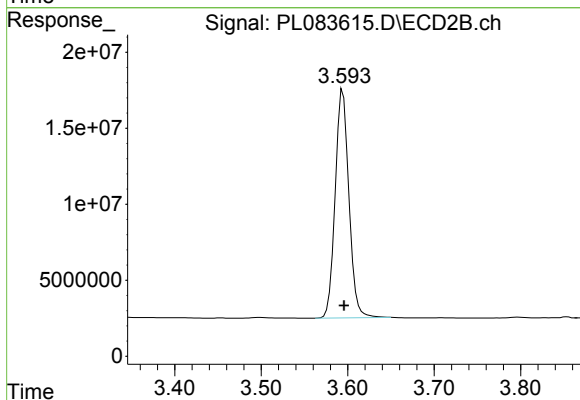
#3 gamma-BHC (Lindane)

R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 142369350
Conc: 49.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

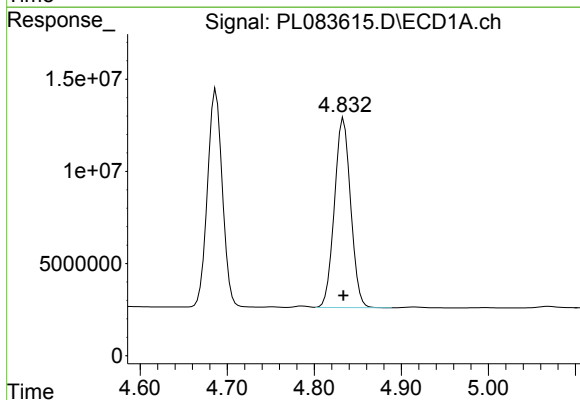
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



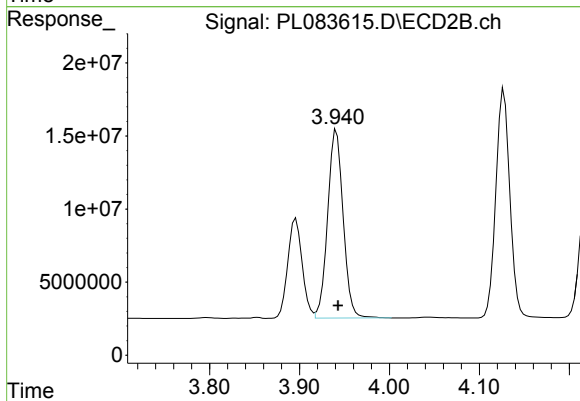
#3 gamma-BHC (Lindane)

R.T.: 3.595 min
Delta R.T.: -0.001 min
Response: 164872678
Conc: 51.35 ng/ml



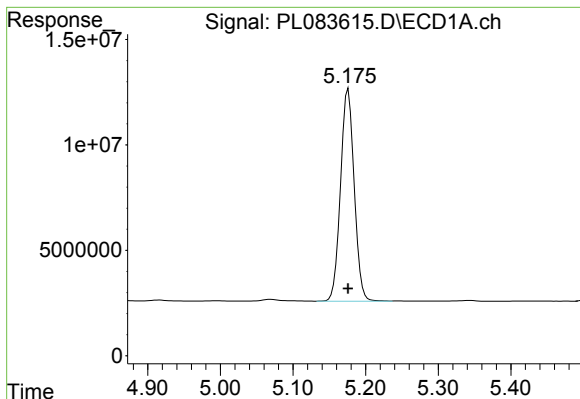
#4 Heptachlor

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 133120393
Conc: 48.15 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 154422621
Conc: 49.88 ng/ml



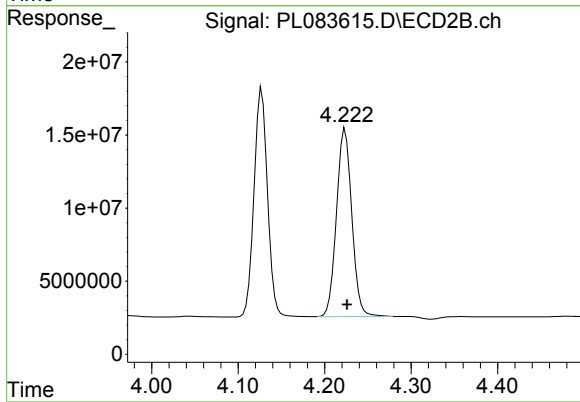
#5 Aldrin

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 131693607
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

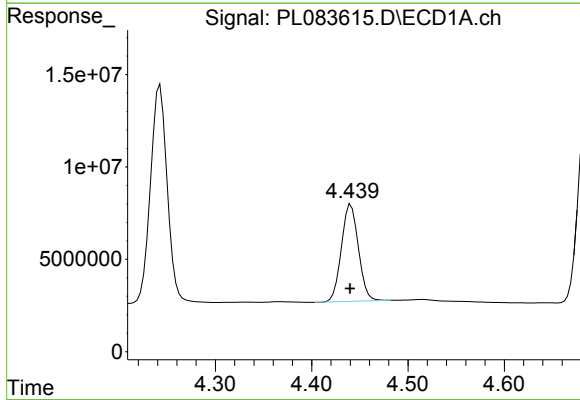
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



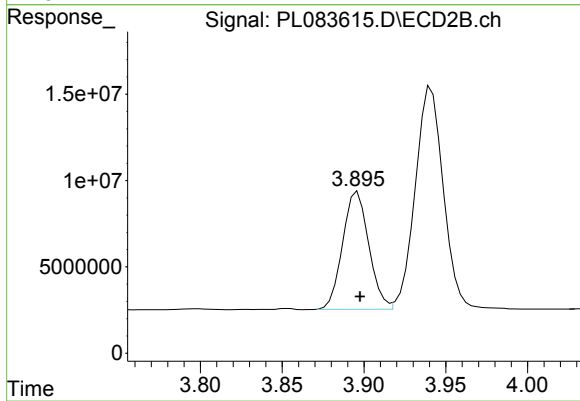
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: -0.002 min
Response: 157438847
Conc: 52.29 ng/ml



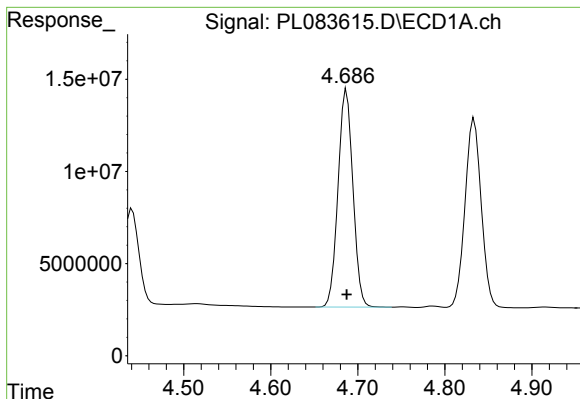
#6 beta-BHC

R.T.: 4.441 min
Delta R.T.: 0.000 min
Response: 64086177
Conc: 49.53 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: -0.002 min
Response: 75788057
Conc: 50.78 ng/ml



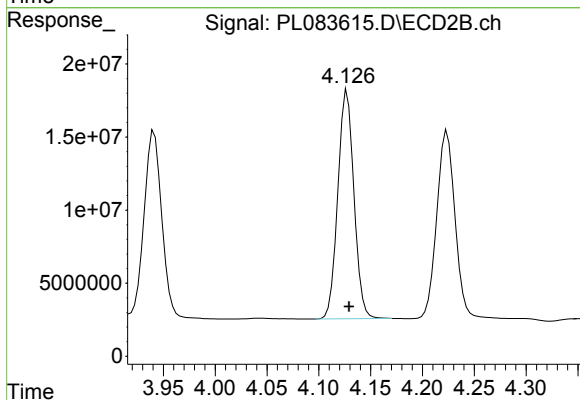
#7 delta-BHC

R.T.: 4.687 min
Delta R.T.: 0.000 min
Response: 140176115
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

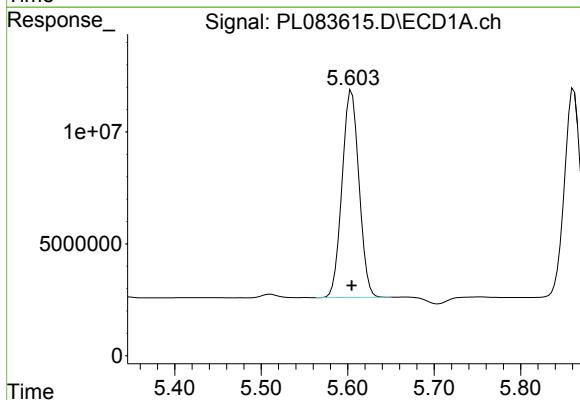
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



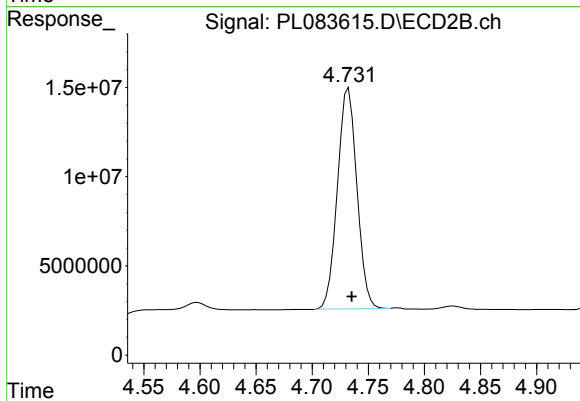
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 169214726
Conc: 52.50 ng/ml



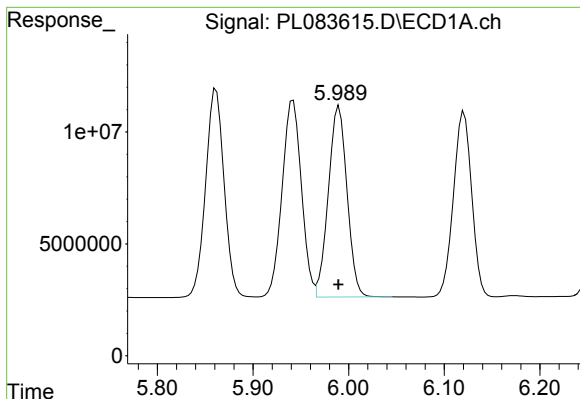
#8 Heptachlor epoxide

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 125456080
Conc: 49.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 149616567
Conc: 52.12 ng/ml m



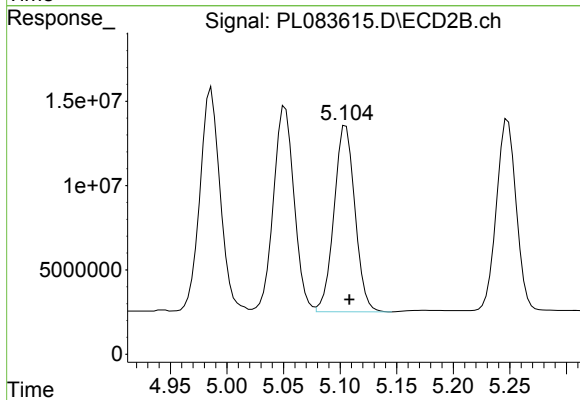
#9 Endosulfan I

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 115652743
Conc: 51.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

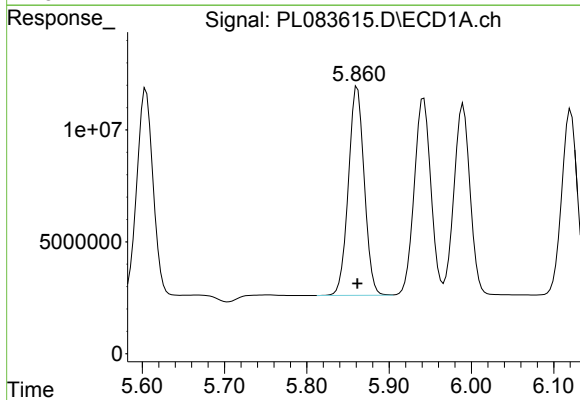
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



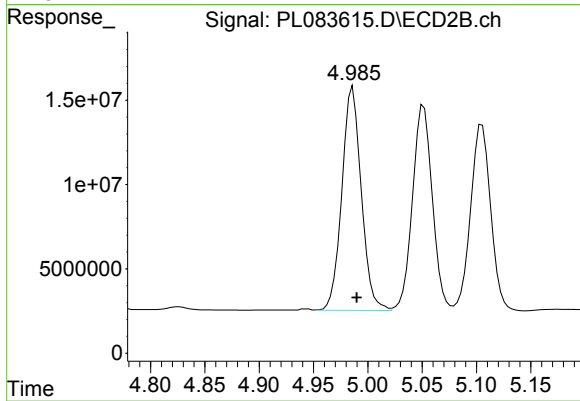
#9 Endosulfan I

R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 142158451
Conc: 52.75 ng/ml



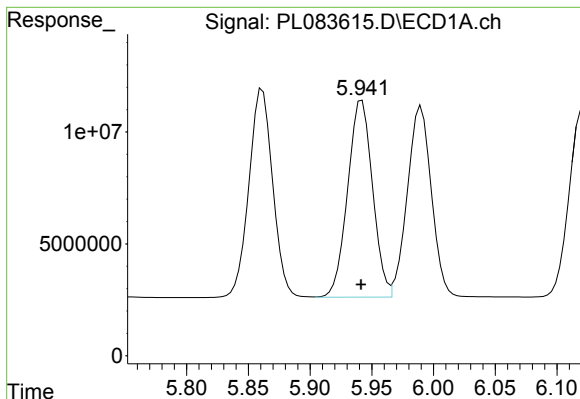
#10 gamma-Chlordane

R.T.: 5.861 min
Delta R.T.: 0.000 min
Response: 125170017
Conc: 52.03 ng/ml



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.003 min
Response: 164739814
Conc: 55.68 ng/ml



#11 alpha-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 123562696
Conc: 52.17 ng/ml

Instrument :

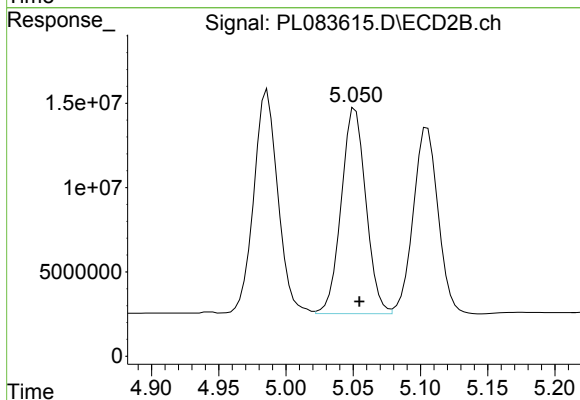
ECD_L

ClientSampleId :

PSTDCCC050

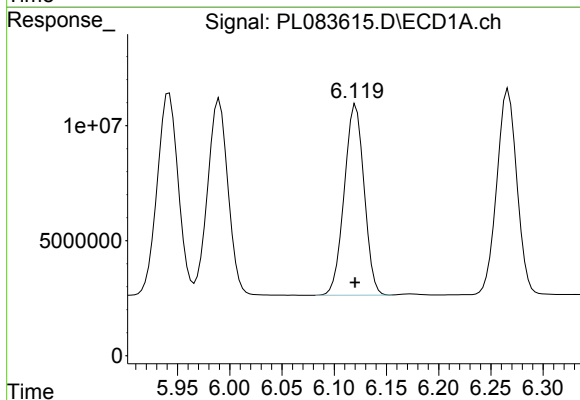
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



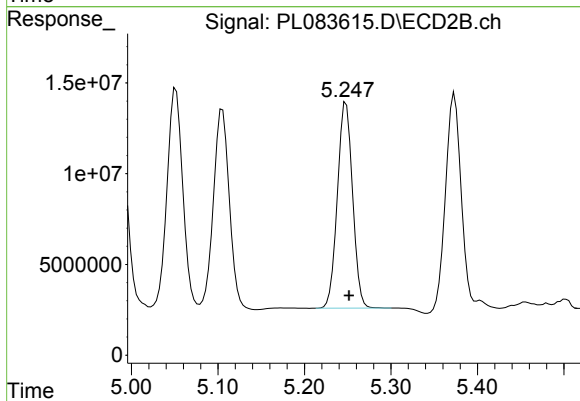
#11 alpha-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 154972644
Conc: 52.39 ng/ml



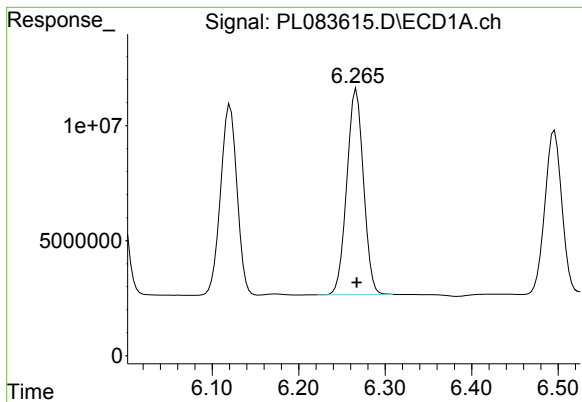
#12 4,4'-DDE

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 109463764
Conc: 54.22 ng/ml



#12 4,4'-DDE

R.T.: 5.248 min
Delta R.T.: -0.003 min
Response: 137601336
Conc: 53.86 ng/ml



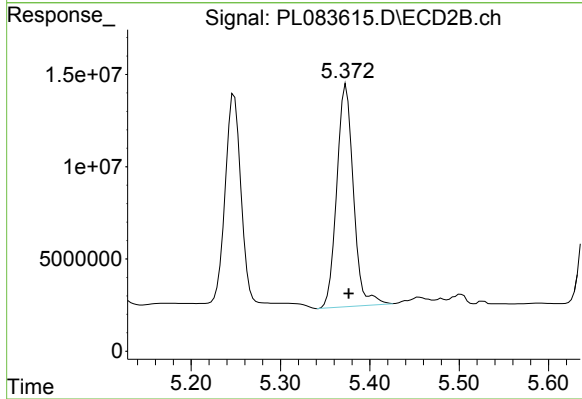
#13 Dieldrin

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 119248703
Conc: 53.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

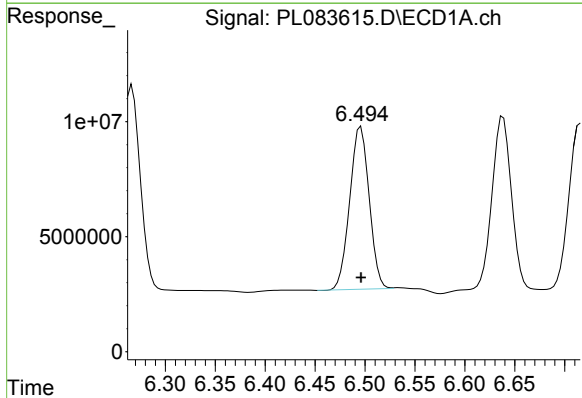
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



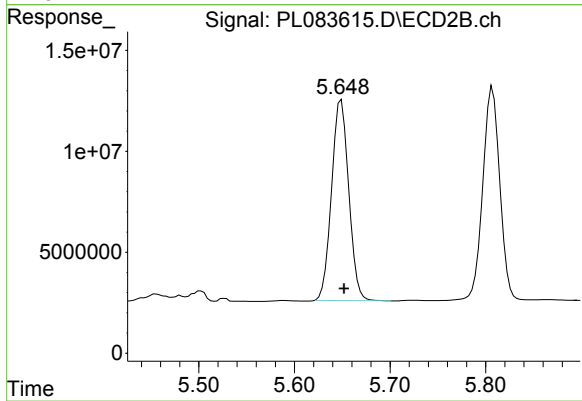
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: -0.003 min
Response: 155982491
Conc: 55.62 ng/ml



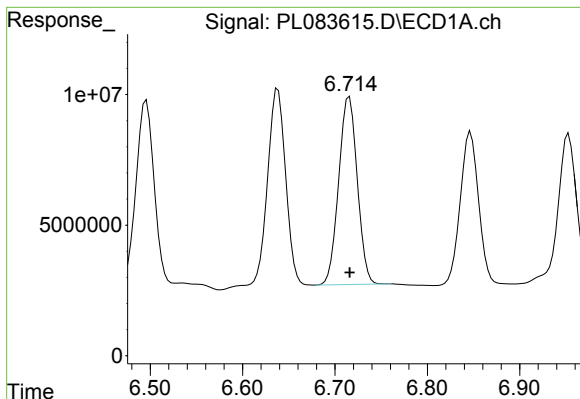
#14 Endrin

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 95691040
Conc: 54.22 ng/ml



#14 Endrin

R.T.: 5.649 min
Delta R.T.: -0.003 min
Response: 123828507
Conc: 53.65 ng/ml



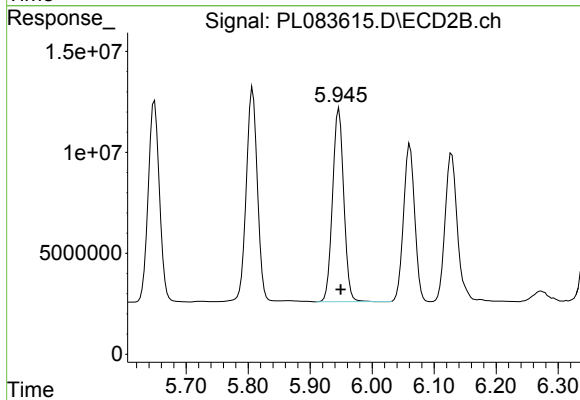
#15 Endosulfan II

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 100706372
Conc: 53.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

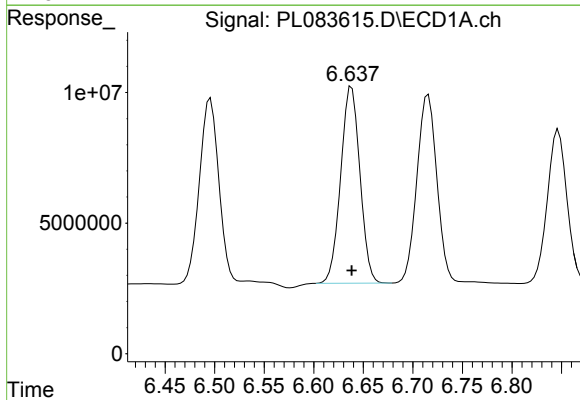
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



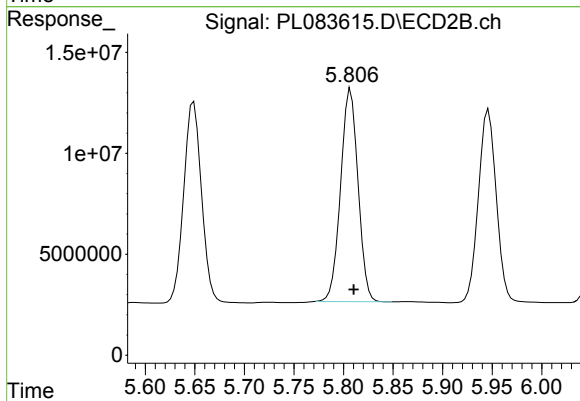
#15 Endosulfan II

R.T.: 5.946 min
Delta R.T.: -0.003 min
Response: 120428600
Conc: 50.73 ng/ml



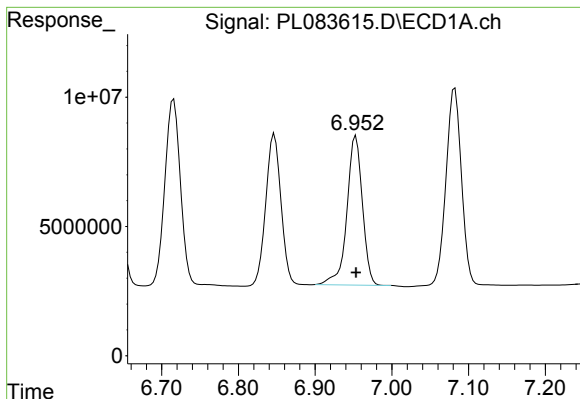
#16 4,4'-DDD

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 101747617
Conc: 59.59 ng/ml



#16 4,4'-DDD

R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 128816295
Conc: 58.42 ng/ml



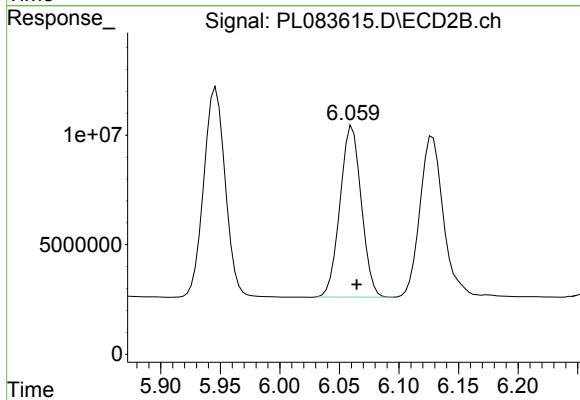
#17 4,4'-DDT

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 81315234
Conc: 48.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

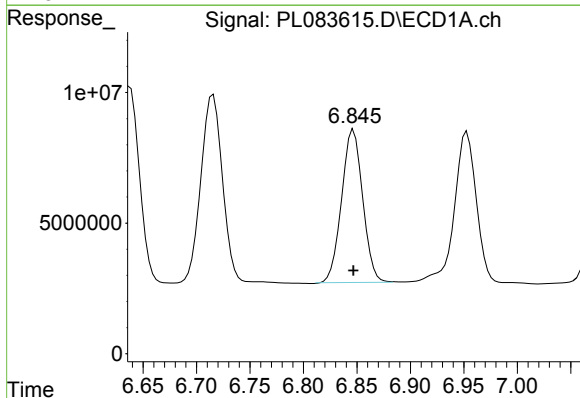
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



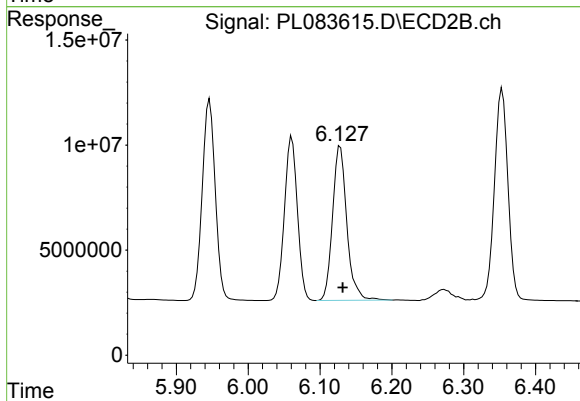
#17 4,4'-DDT

R.T.: 6.061 min
Delta R.T.: -0.004 min
Response: 97197383
Conc: 46.55 ng/ml



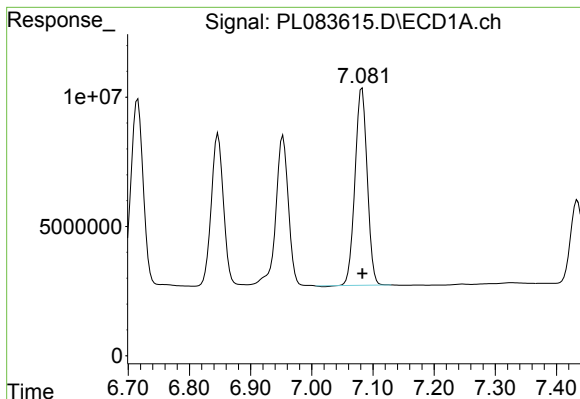
#18 Endrin aldehyde

R.T.: 6.845 min
Delta R.T.: -0.001 min
Response: 80522819
Conc: 54.32 ng/ml m



#18 Endrin aldehyde

R.T.: 6.128 min
Delta R.T.: -0.003 min
Response: 101142732
Conc: 53.51 ng/ml



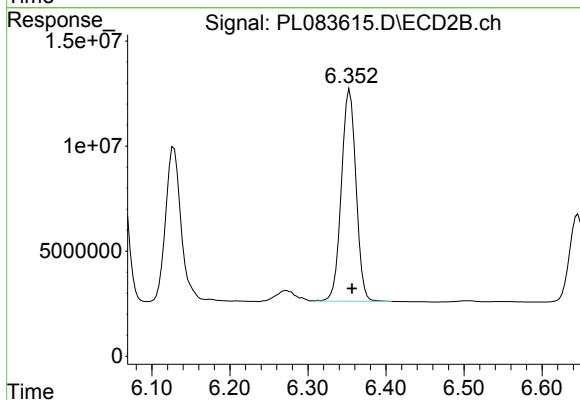
#19 Endosulfan Sulfate

R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 105852840
Conc: 55.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

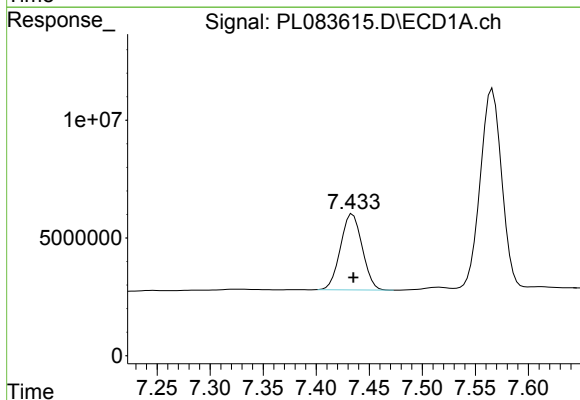
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



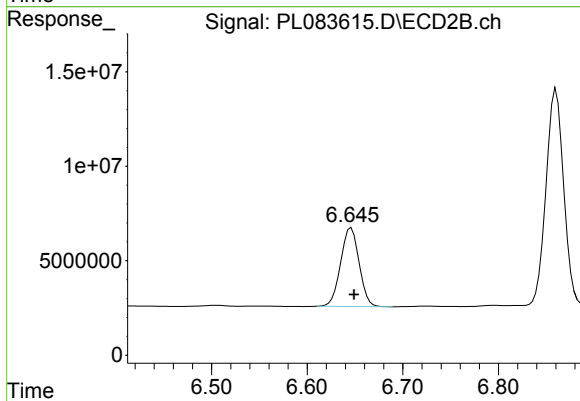
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: -0.003 min
Response: 131277208
Conc: 54.21 ng/ml



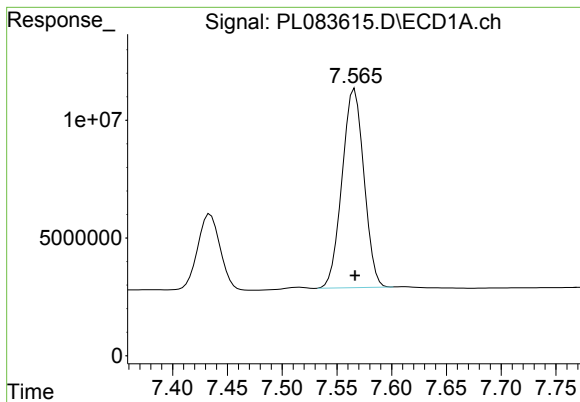
#20 Methoxychlor

R.T.: 7.434 min
Delta R.T.: 0.000 min
Response: 45898113
Conc: 50.60 ng/ml



#20 Methoxychlor

R.T.: 6.646 min
Delta R.T.: -0.003 min
Response: 56147099
Conc: 46.59 ng/ml



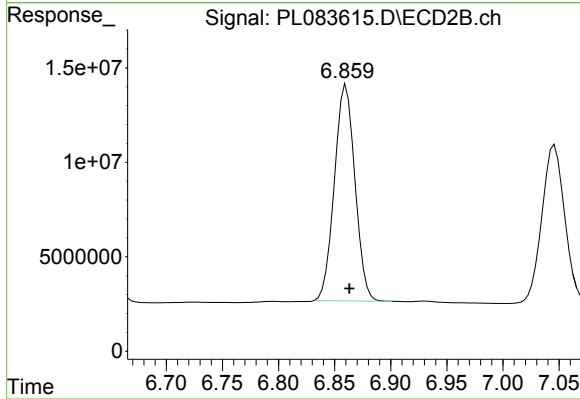
#21 Endrin ketone

R.T.: 7.566 min
Delta R.T.: 0.000 min
Response: 117430010
Conc: 54.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

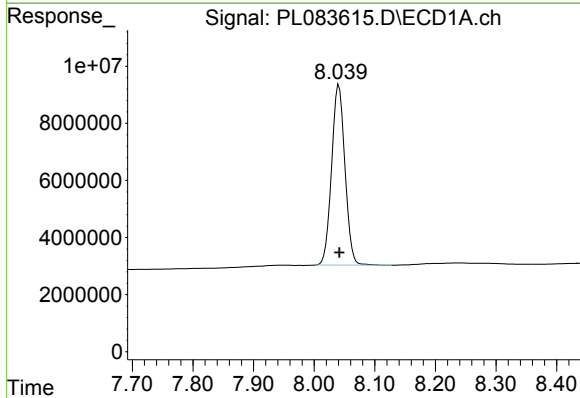
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



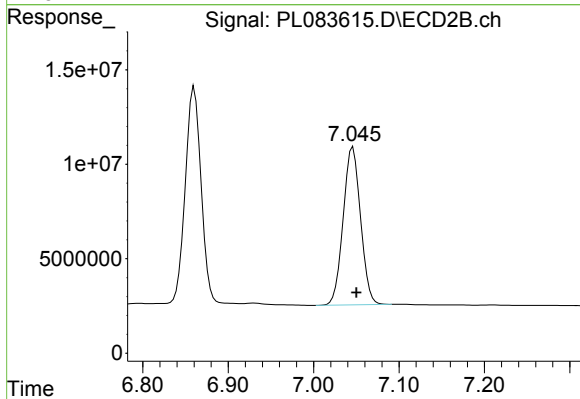
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: -0.003 min
Response: 145824696
Conc: 51.87 ng/ml



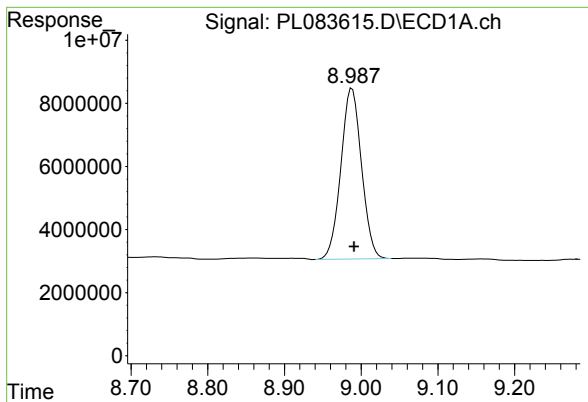
#22 Mirex

R.T.: 8.041 min
Delta R.T.: 0.000 min
Response: 96689468
Conc: 51.80 ng/ml



#22 Mirex

R.T.: 7.046 min
Delta R.T.: -0.004 min
Response: 118096951
Conc: 49.07 ng/ml



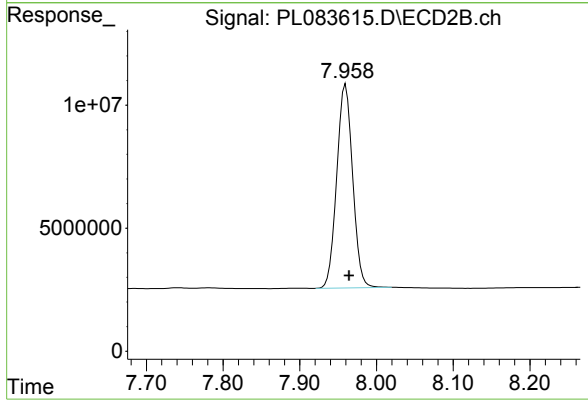
#28 Decachlorobiphenyl

R.T.: 8.988 min
Delta R.T.: -0.003 min
Response: 101651449
Conc: 53.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



#28 Decachlorobiphenyl

R.T.: 7.960 min
Delta R.T.: -0.004 min
Response: 119377292
Conc: 48.60 ng/ml