

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110323\
 Data File : PL086411.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2023 18:53
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/04/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 21:45:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 02 05:32:51 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...	3.352	2.619	164.1E6	50326361	51.700	52.864
28)	SA Decachlor...	8.851	7.768	131.3E6	53447898	49.634	46.596
Target Compounds							
2)	A alpha-BHC	3.807	3.117	243.9E6	70773873	51.666	54.536
3)	MA gamma-BHC...	4.138	3.444	232.4E6	70842359	50.994	53.931
4)	MA Heptachlor	4.724	3.780	215.2E6	68026432	49.371	52.437
5)	MB Aldrin	5.064	4.057	211.2E6	68306199	47.682	53.601
6)	B beta-BHC	4.341	3.746	95437853	31127012	48.388	54.235
7)	B delta-BHC	4.584	3.971	223.1E6	70770438	51.141	55.987
8)	B Heptachlo...	5.494	4.561	197.3E6	62485564	51.013	52.266
9)	A Endosulfan I	5.876	4.928	175.4E6	58488527	47.725m	49.282
10)	B gamma-Chl...	5.750	4.813	197.6E6	62575757	49.802m	52.879
11)	B alpha-Chl...	5.829	4.876	198.6E6	63872232	49.889m	51.130
12)	B 4,4'-DDE	6.014	5.074	168.9E6	54834101	53.222	55.565m
13)	MA Dieldrin	6.155	5.194	180.2E6	58389952	46.867	48.896
14)	MA Endrin	6.383	5.468	157.4E6	56092047	47.155	50.903
15)	B Endosulfa...	6.606	5.765	150.7E6	54563205	46.802	50.620
16)	A 4,4'-DDD	6.531	5.631	130.1E6	47811782	54.860m	58.702
17)	MA 4,4'-DDT	6.849	5.882	130.4E6	49235177	49.984	52.225
18)	B Endrin al...	6.738	5.947	115.3E6	43102536	47.356	51.112
19)	B Endosulfa...	6.973	6.171	147.3E6	51507316	47.688	48.855
20)	A Methoxychlor	7.334	6.466	69762034	28909797	50.297	49.475
21)	B Endrin ke...	7.455	6.673	149.7E6	61158694	46.911	49.037
22)	Mirex	7.927	6.849	120.7E6	52182294	44.249	45.611

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110323\
Data File : PL086411.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Nov 2023 18:53
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

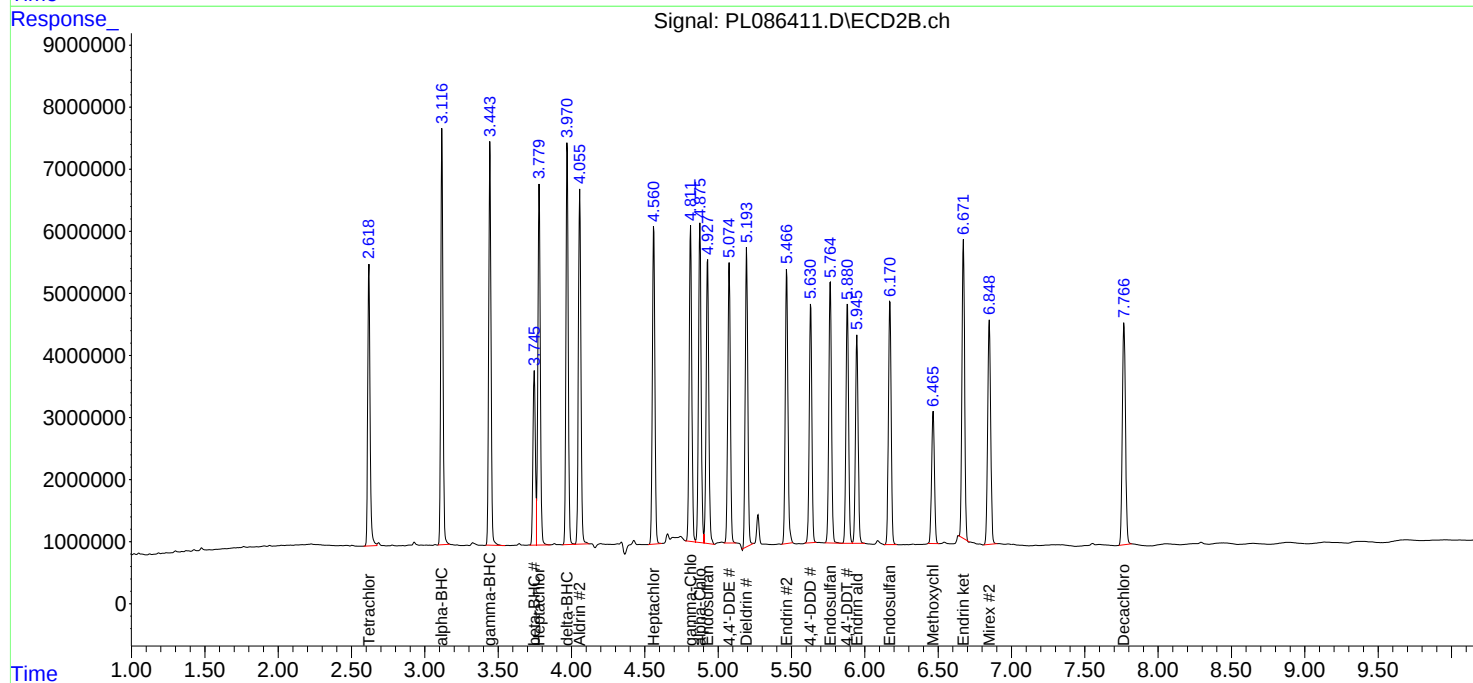
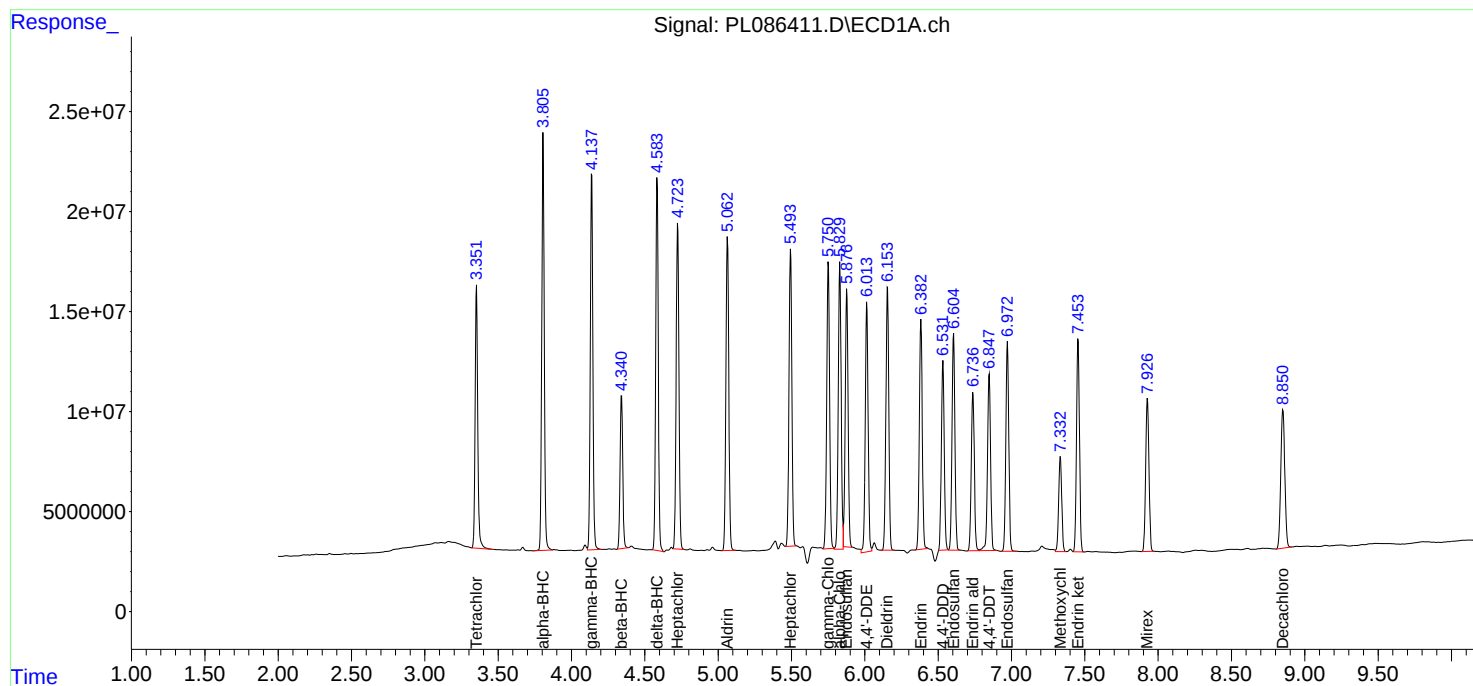
APPROVED

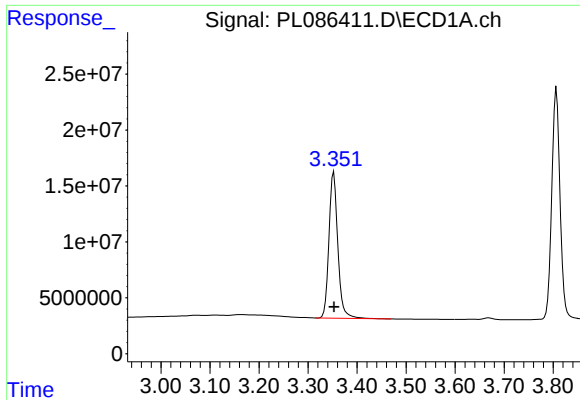
Reviewed By :Abdul Mirza 11/04/2023

Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 21:45:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 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





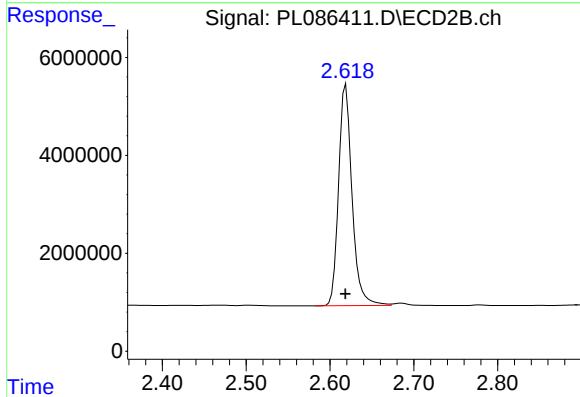
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 164070743
Conc: 51.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

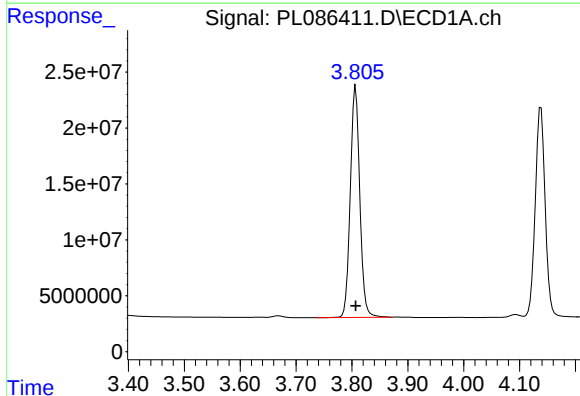
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



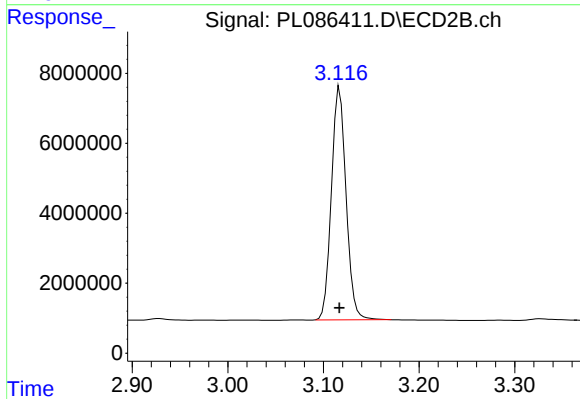
#1 Tetrachloro-m-xylene

R.T.: 2.619 min
Delta R.T.: 0.000 min
Response: 50326361
Conc: 52.86 ng/ml



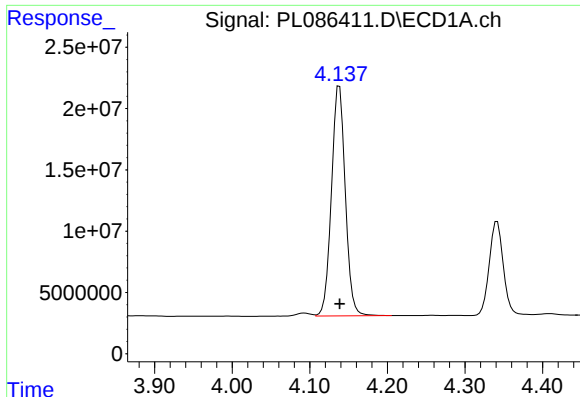
#2 alpha-BHC

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 243866908
Conc: 51.67 ng/ml



#2 alpha-BHC

R.T.: 3.117 min
Delta R.T.: 0.000 min
Response: 70773873
Conc: 54.54 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 232354635
Conc: 50.99 ng/ml

Instrument :

ECD_L

ClientSampleId :

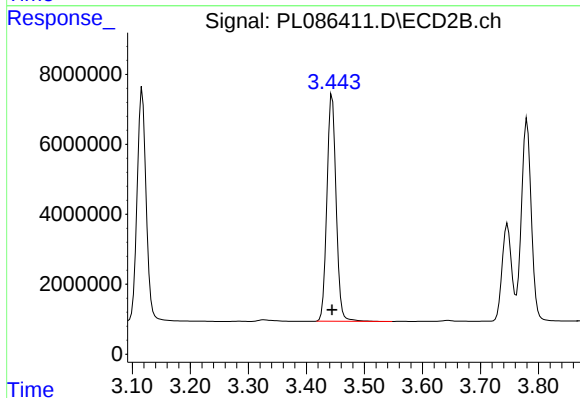
PSTDCCC050

Manual Integrations

APPROVED

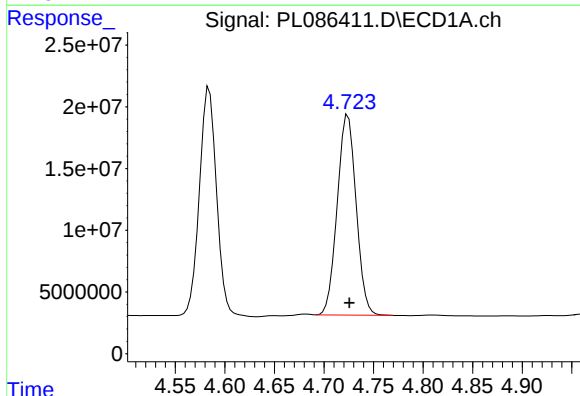
Reviewed By :Abdul Mirza 11/04/2023

Supervised By :mohammad ahmed 11/06/2023



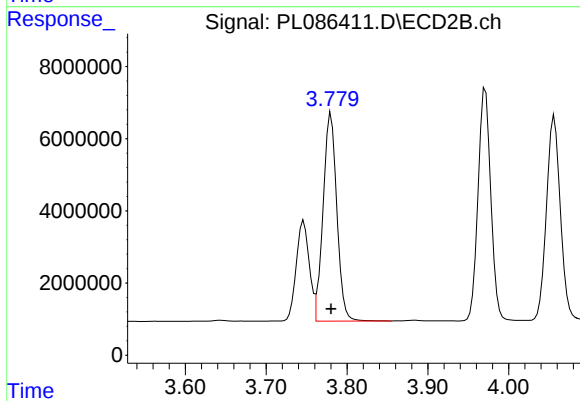
#3 gamma-BHC (Lindane)

R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 70842359
Conc: 53.93 ng/ml



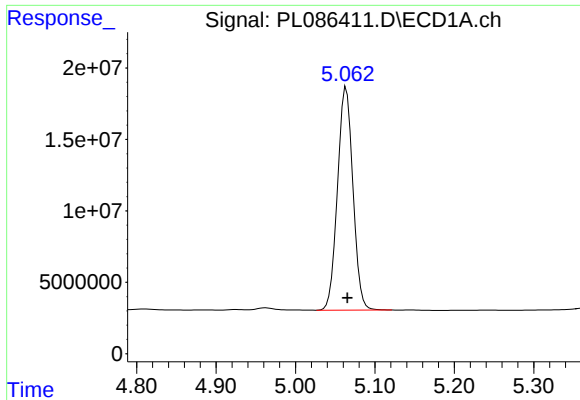
#4 Heptachlor

R.T.: 4.724 min
Delta R.T.: -0.001 min
Response: 215199002
Conc: 49.37 ng/ml



#4 Heptachlor

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 68026432
Conc: 52.44 ng/ml



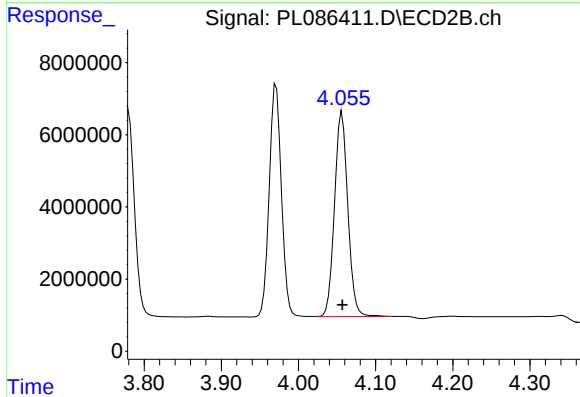
#5 Aldrin

R.T.: 5.064 min
Delta R.T.: -0.001 min
Response: 211168993
Conc: 47.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

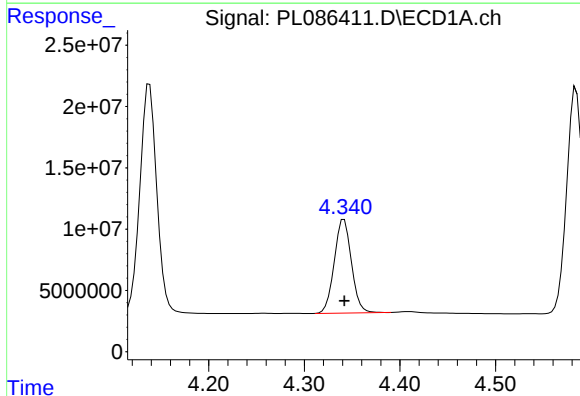
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



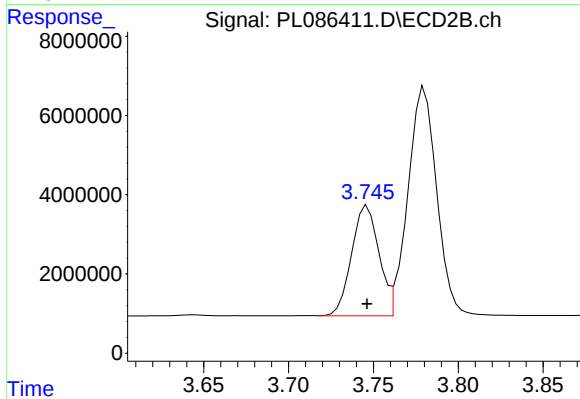
#5 Aldrin

R.T.: 4.057 min
Delta R.T.: 0.000 min
Response: 68306199
Conc: 53.60 ng/ml



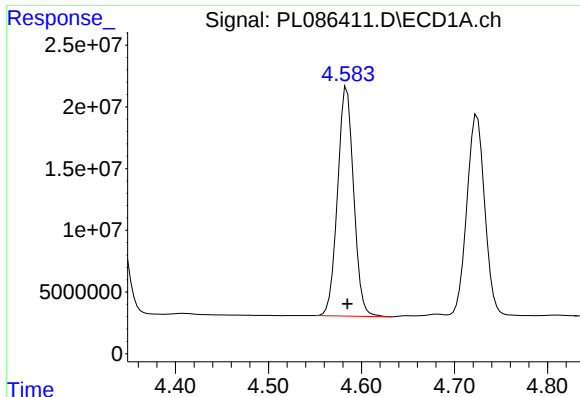
#6 beta-BHC

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 95437853
Conc: 48.39 ng/ml



#6 beta-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 31127012
Conc: 54.24 ng/ml



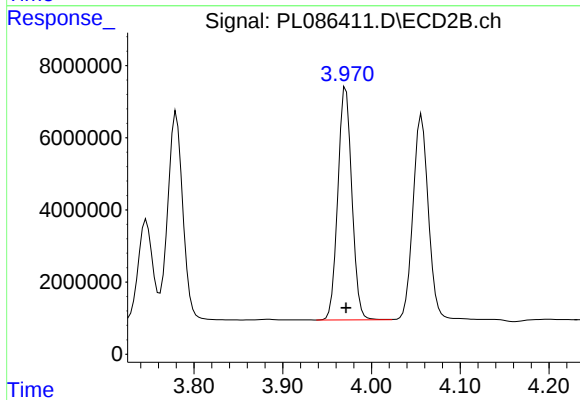
#7 delta-BHC

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 223126455
Conc: 51.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

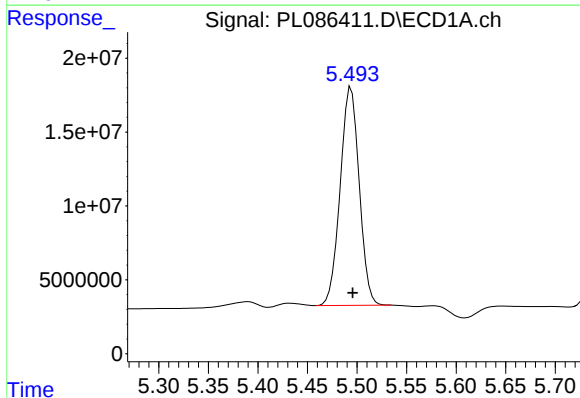
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



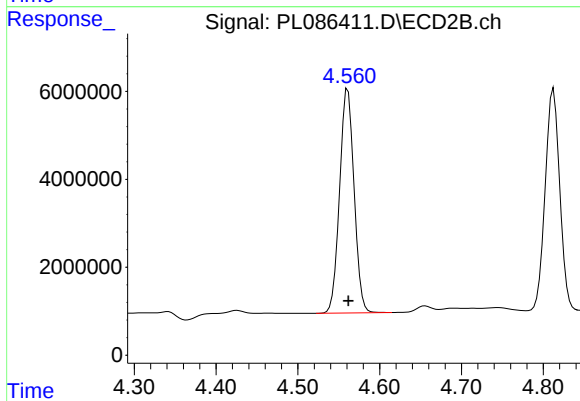
#7 delta-BHC

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 70770438
Conc: 55.99 ng/ml



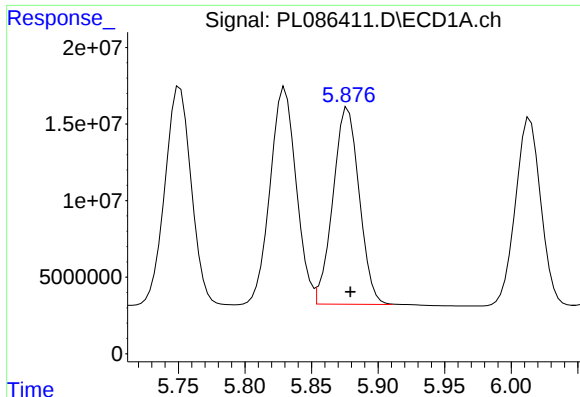
#8 Heptachlor epoxide

R.T.: 5.494 min
Delta R.T.: -0.001 min
Response: 197302010
Conc: 51.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.561 min
Delta R.T.: 0.000 min
Response: 62485564
Conc: 52.27 ng/ml



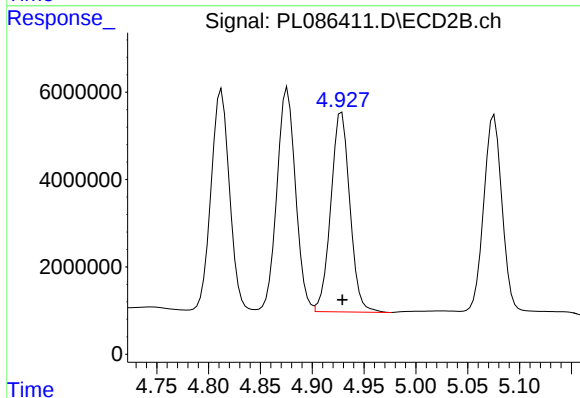
#9 Endosulfan I

R.T.: 5.876 min
Delta R.T.: -0.003 min
Response: 175433017
Conc: 47.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

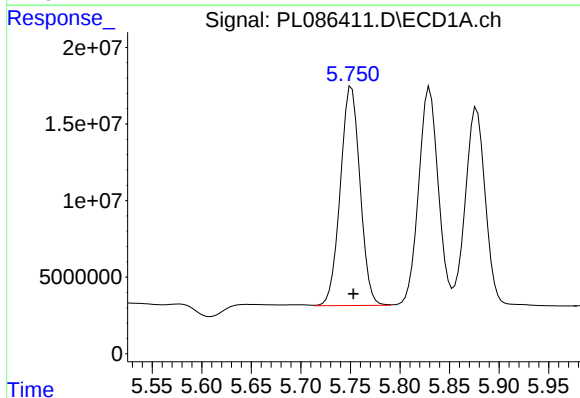
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



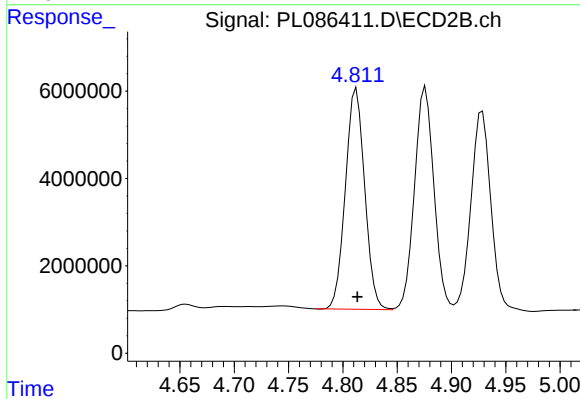
#9 Endosulfan I

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 58488527
Conc: 49.28 ng/ml



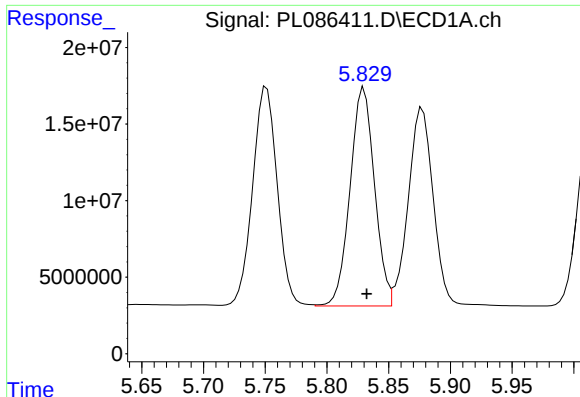
#10 gamma-Chlordane

R.T.: 5.750 min
Delta R.T.: -0.003 min
Response: 197604170
Conc: 49.80 ng/ml m



#10 gamma-Chlordane

R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 62575757
Conc: 52.88 ng/ml



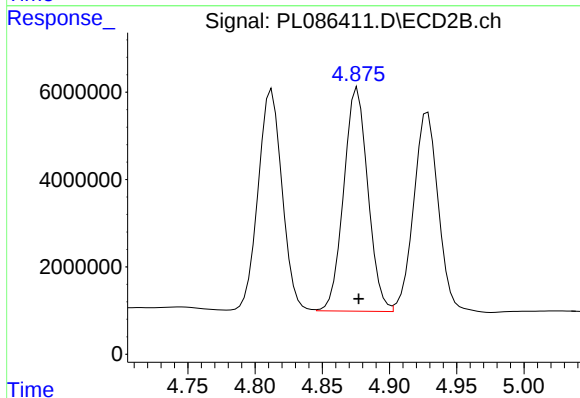
#11 alpha-Chlordane

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 198582615
Conc: 49.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

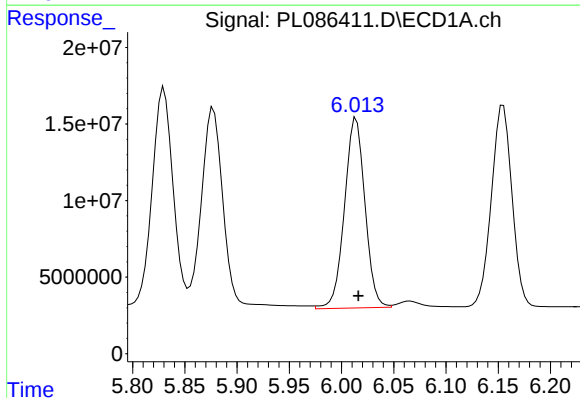
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



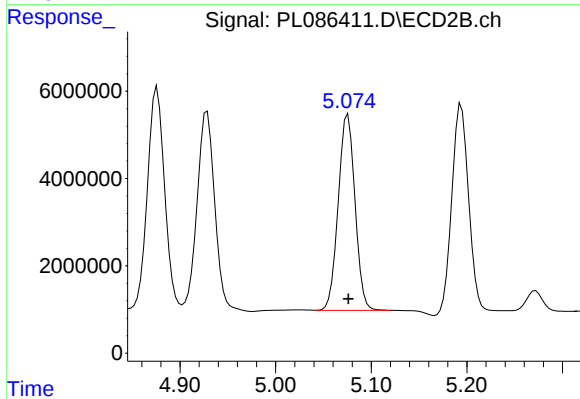
#11 alpha-Chlordane

R.T.: 4.876 min
Delta R.T.: -0.001 min
Response: 63872232
Conc: 51.13 ng/ml



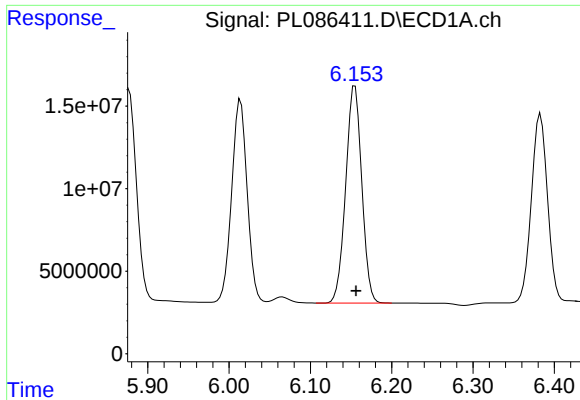
#12 4,4'-DDE

R.T.: 6.014 min
Delta R.T.: -0.002 min
Response: 168906538
Conc: 53.22 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min
Delta R.T.: -0.002 min
Response: 54834101
Conc: 55.57 ng/ml m



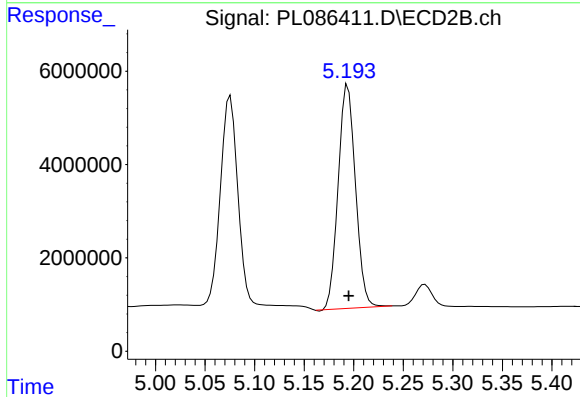
#13 Dieldrin

R.T.: 6.155 min
Delta R.T.: -0.001 min
Response: 180196416
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

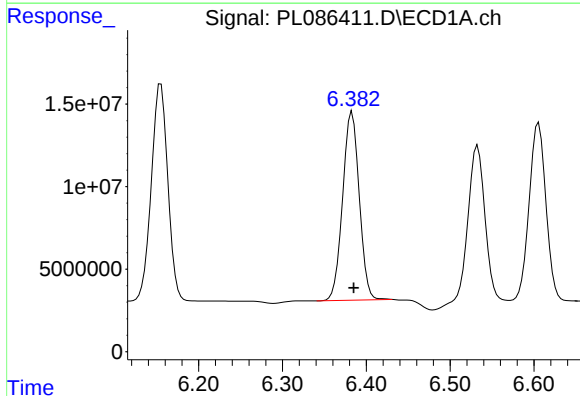
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



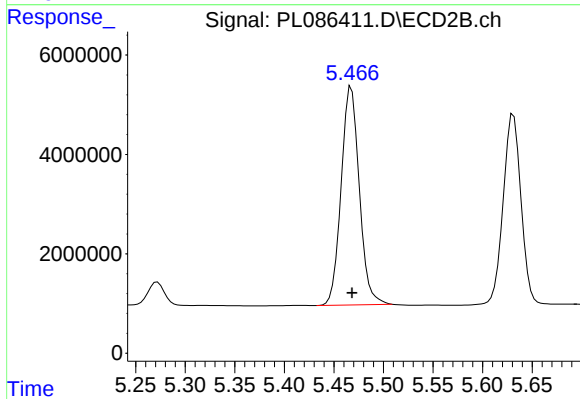
#13 Dieldrin

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 58389952
Conc: 48.90 ng/ml



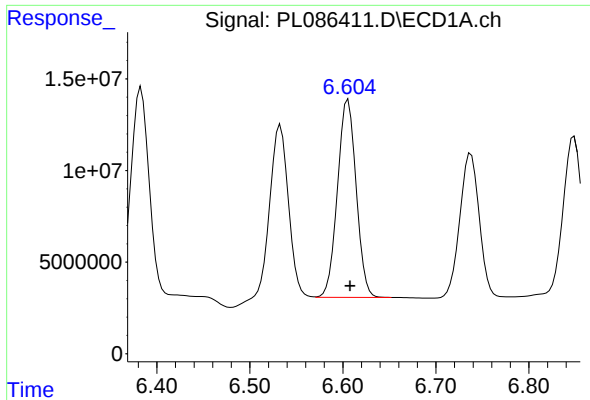
#14 Endrin

R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 157413632
Conc: 47.15 ng/ml



#14 Endrin

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 56092047
Conc: 50.90 ng/ml



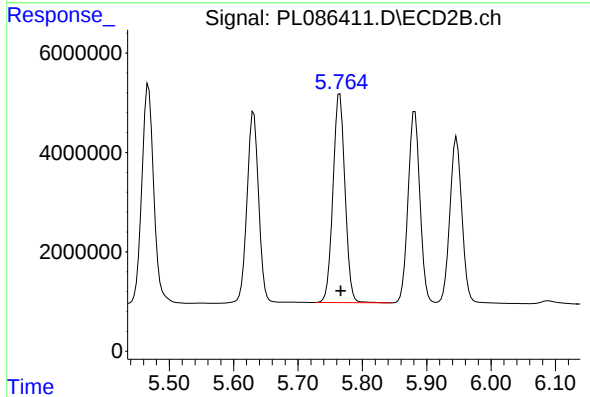
#15 Endosulfan II

R.T.: 6.606 min
Delta R.T.: -0.002 min
Response: 150726544
Conc: 46.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

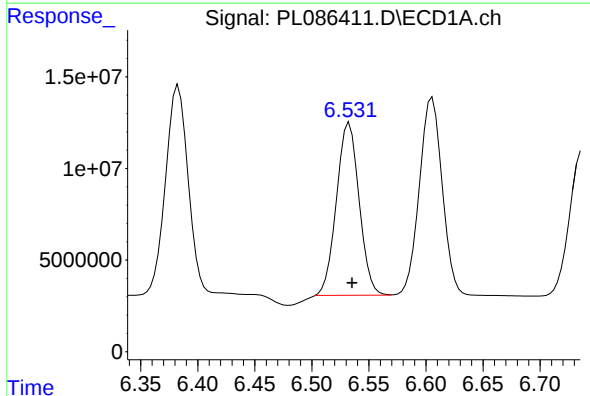
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



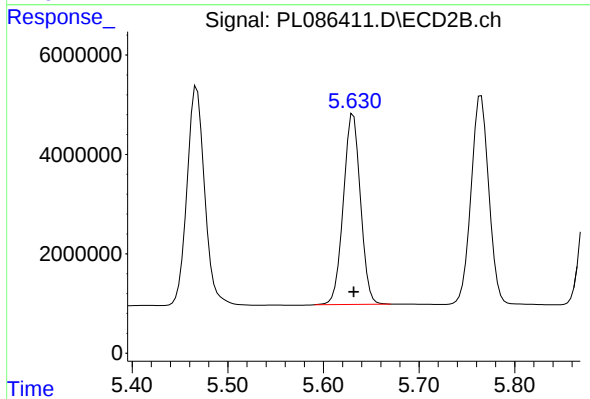
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: -0.001 min
Response: 54563205
Conc: 50.62 ng/ml



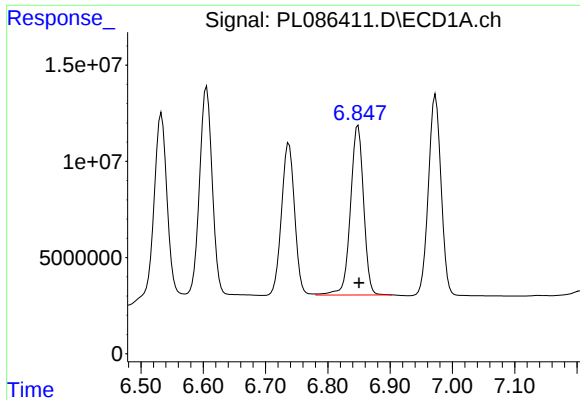
#16 4,4'-DDD

R.T.: 6.531 min
Delta R.T.: -0.004 min
Response: 130116399
Conc: 54.86 ng/ml m



#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 47811782
Conc: 58.70 ng/ml



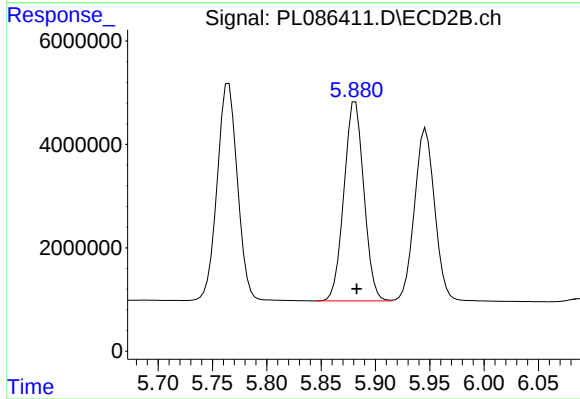
#17 4,4'-DDT

R.T.: 6.849 min
Delta R.T.: -0.002 min
Response: 130405521
Conc: 49.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

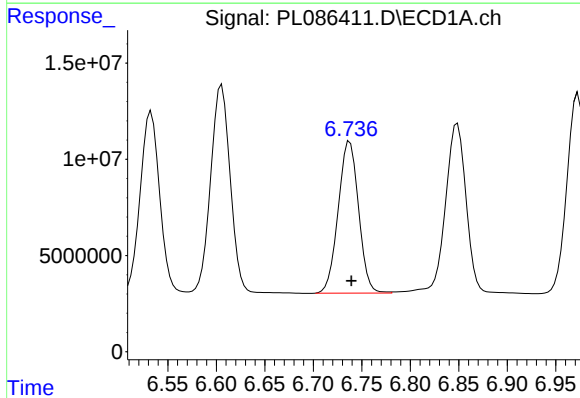
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



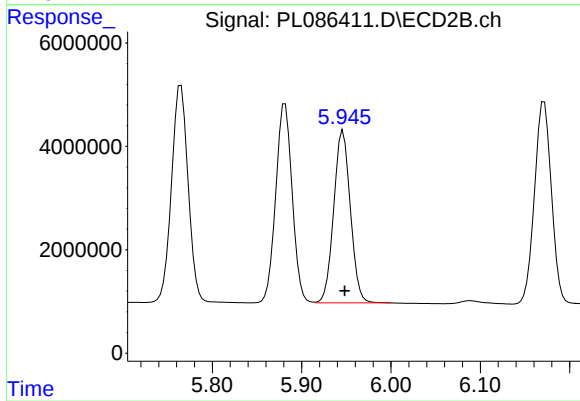
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.001 min
Response: 49235177
Conc: 52.23 ng/ml



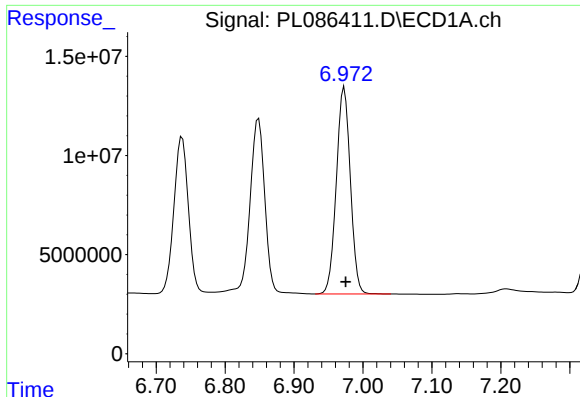
#18 Endrin aldehyde

R.T.: 6.738 min
Delta R.T.: -0.002 min
Response: 115268772
Conc: 47.36 ng/ml



#18 Endrin aldehyde

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 43102536
Conc: 51.11 ng/ml



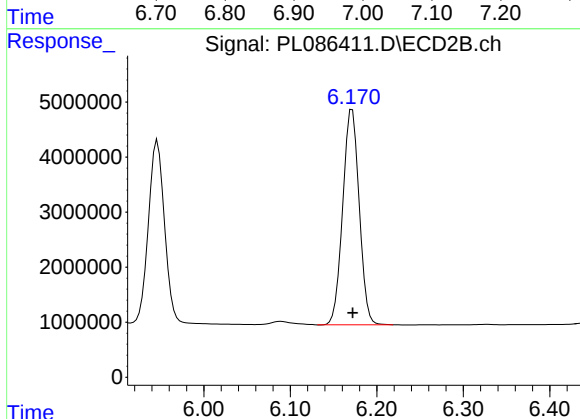
#19 Endosulfan Sulfate

R.T.: 6.973 min
Delta R.T.: -0.002 min
Response: 147260309
Conc: 47.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

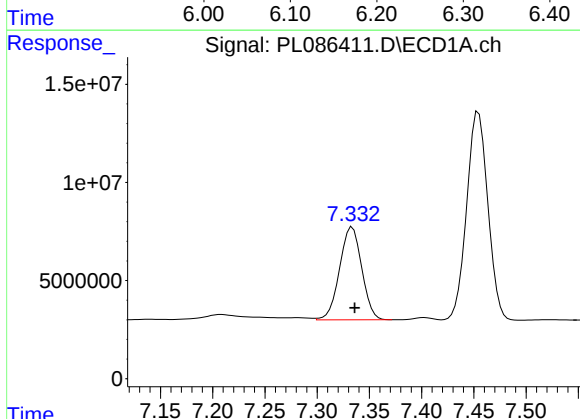
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



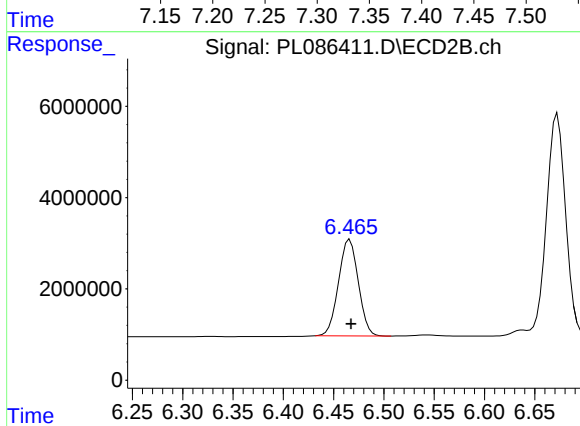
#19 Endosulfan Sulfate

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 51507316
Conc: 48.86 ng/ml



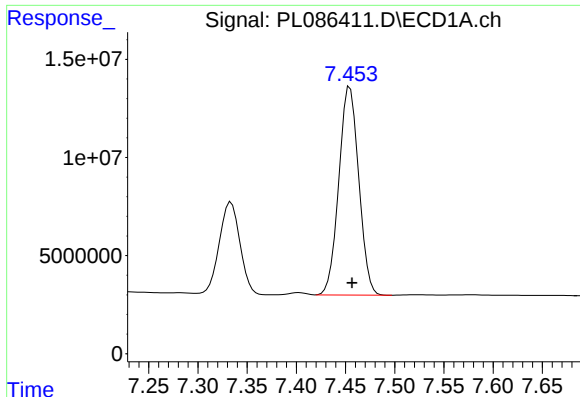
#20 Methoxychlor

R.T.: 7.334 min
Delta R.T.: -0.002 min
Response: 69762034
Conc: 50.30 ng/ml



#20 Methoxychlor

R.T.: 6.466 min
Delta R.T.: -0.001 min
Response: 28909797
Conc: 49.47 ng/ml



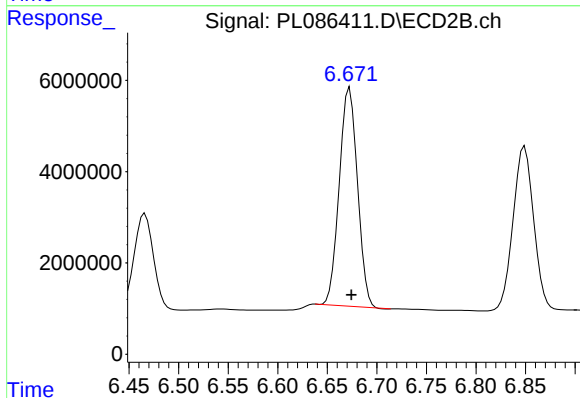
#21 Endrin ketone

R.T.: 7.455 min
Delta R.T.: -0.002 min
Response: 149710172
Conc: 46.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

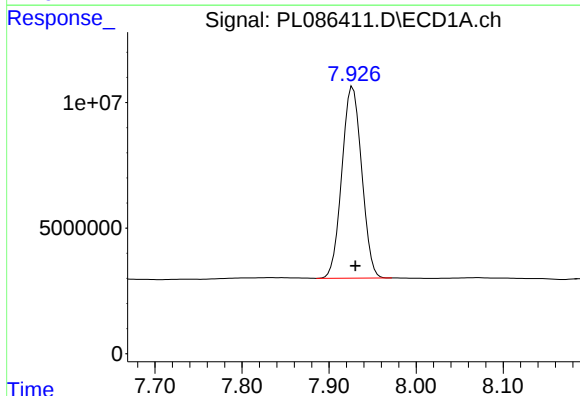
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



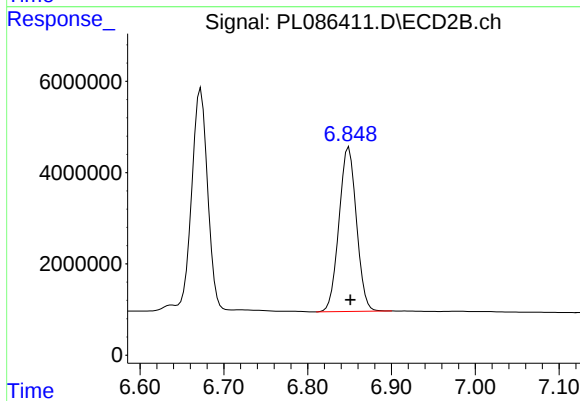
#21 Endrin ketone

R.T.: 6.673 min
Delta R.T.: -0.002 min
Response: 61158694
Conc: 49.04 ng/ml



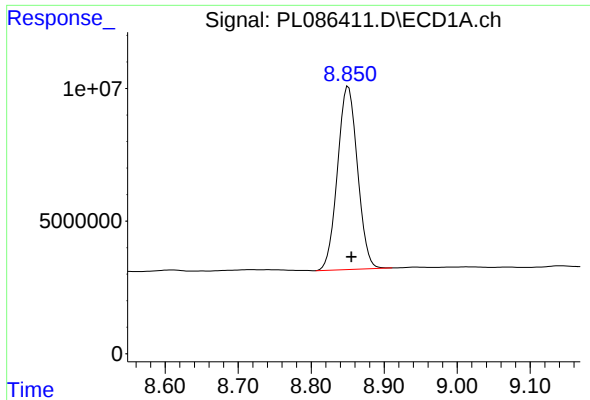
#22 Mirex

R.T.: 7.927 min
Delta R.T.: -0.003 min
Response: 120727772
Conc: 44.25 ng/ml



#22 Mirex

R.T.: 6.849 min
Delta R.T.: -0.002 min
Response: 52182294
Conc: 45.61 ng/ml



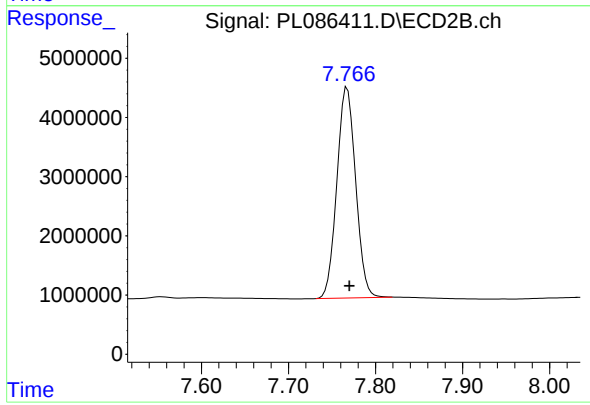
#28 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: -0.004 min
Response: 131272748
Conc: 49.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



#28 Decachlorobiphenyl

R.T.: 7.768 min
Delta R.T.: -0.002 min
Response: 53447898
Conc: 46.60 ng/ml