

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031825\
 Data File : PL094721.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2025 11:24
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/19/2025
 Supervised By :mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 01:39:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.542	2.770	136.8E6	189.7E6	48.326	53.147
28) SA Decachlor...	9.059	7.904	114.0E6	183.5E6	54.082	45.438
Target Compounds						
2) A alpha-BHC	3.999	3.272	199.3E6	286.6E6	48.002	53.155
3) MA gamma-BHC...	4.331	3.601	191.5E6	270.0E6	47.982	52.526
4) MA Heptachlor	4.920	3.940	179.4E6	264.8E6	46.226	50.268
5) MB Aldrin	5.261	4.219	171.4E6	251.8E6	46.417	51.634
6) B beta-BHC	4.530	3.902	87877122	117.8E6	47.624	53.021
7) B delta-BHC	4.777	4.131	190.7E6	269.0E6	48.962	53.783
8) B Heptachlo...	5.687	4.722	157.6E6	235.3E6	47.114	51.383
9) A Endosulfan I	6.073	5.092	143.8E6	226.6E6	46.833	51.643
10) B gamma-Chl...	5.943	4.972	158.3E6	250.3E6	46.982	51.842
11) B alpha-Chl...	6.022	5.036	154.5E6	245.7E6	46.855	51.480
12) B 4,4'-DDE	6.196	5.225	150.4E6	249.4E6	51.126	53.644
13) MA Dieldrin	6.348	5.356	149.9E6	250.1E6	46.876	51.542
14) MA Endrin	6.575	5.632	123.9E6	221.6E6	44.705m	50.776
15) B Endosulfa...	6.798	5.927	131.4E6	224.4E6	48.392	51.839
16) A 4,4'-DDD	6.714	5.780	117.5E6	206.7E6	54.235	57.471
17) MA 4,4'-DDT	7.027	6.030	116.8E6	212.2E6	49.090	52.629
18) B Endrin al...	6.928	6.106	99936984	166.7E6	47.341	49.541
19) B Endosulfa...	7.163	6.329	118.3E6	209.2E6	48.644	51.369
20) A Methoxychlor	7.504	6.605	60597739	107.3E6	50.622	50.589
21) B Endrin ke...	7.647	6.834	138.3E6	246.5E6	52.328	51.645
22) Mirex	8.119	7.013	98963206	186.4E6	47.894	49.123m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031825\
Data File : PL094721.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2025 11:24
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

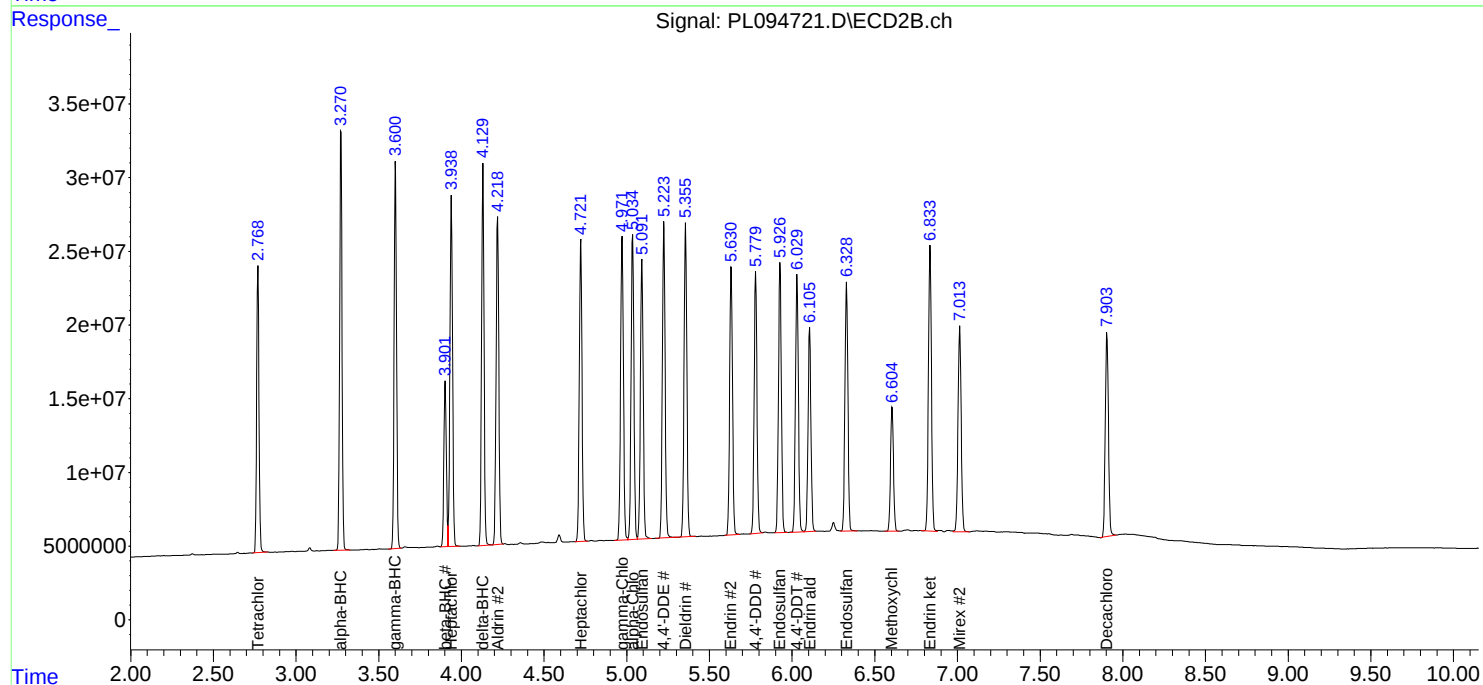
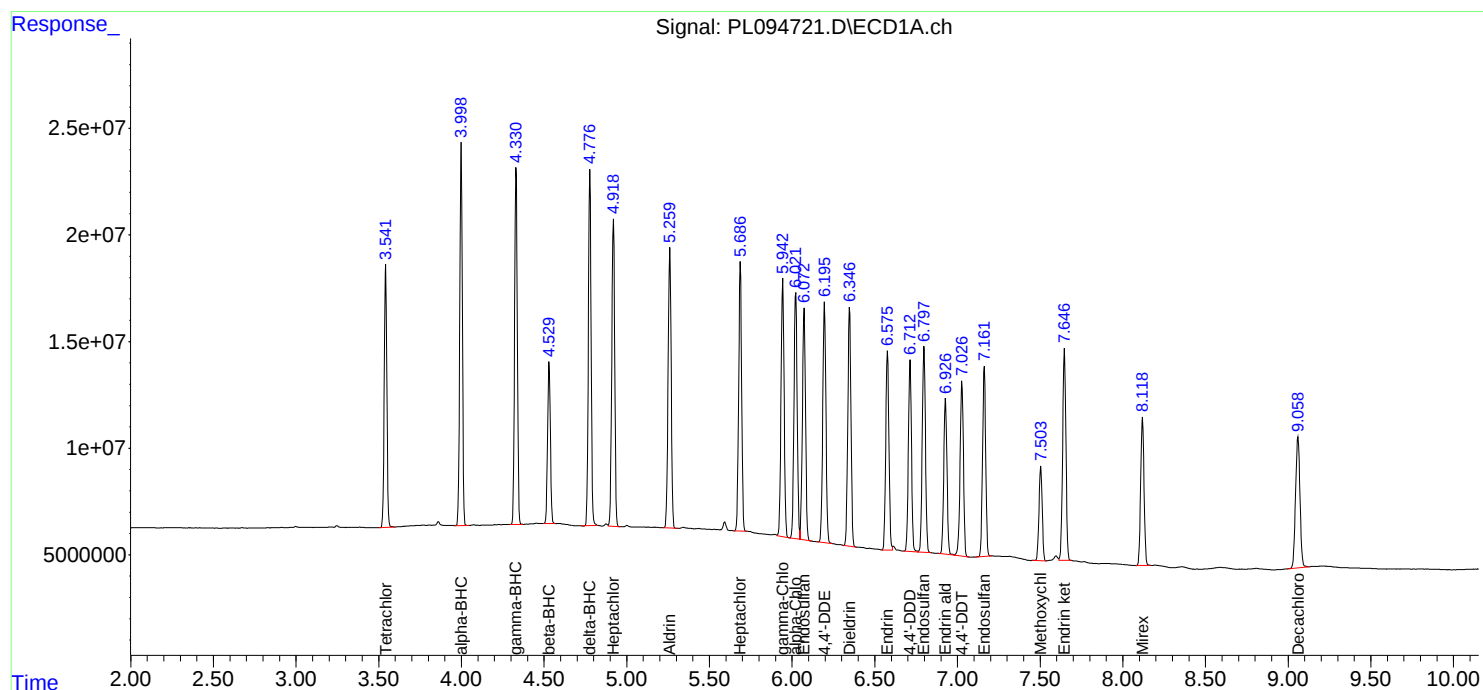
APPROVED

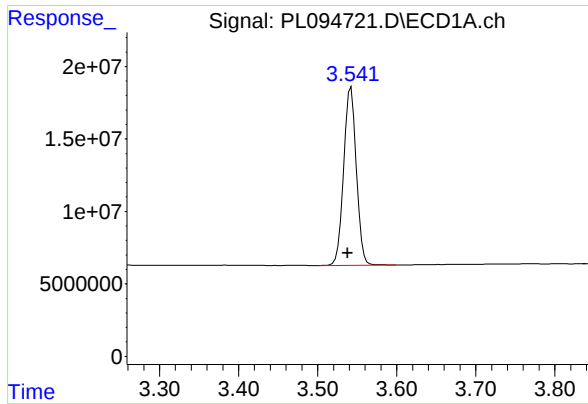
Reviewed By :Abdul Mirza 03/19/2025

Supervised By :mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 01:39:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





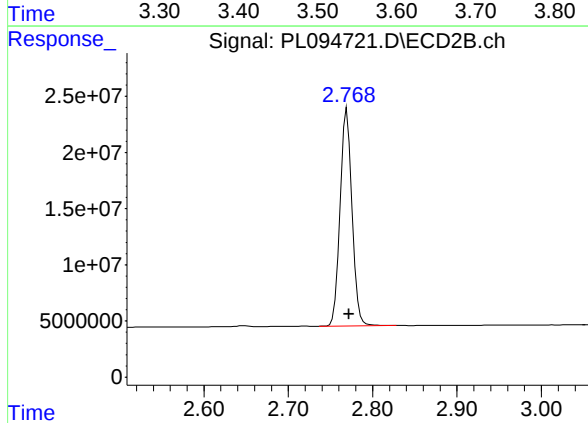
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.004 min
Response: 136793567
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

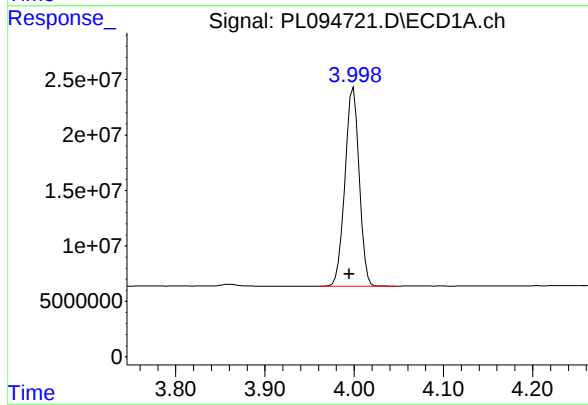
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



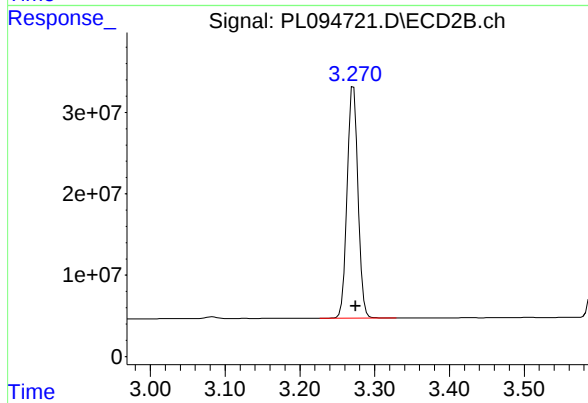
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 189697677
Conc: 53.15 ng/ml



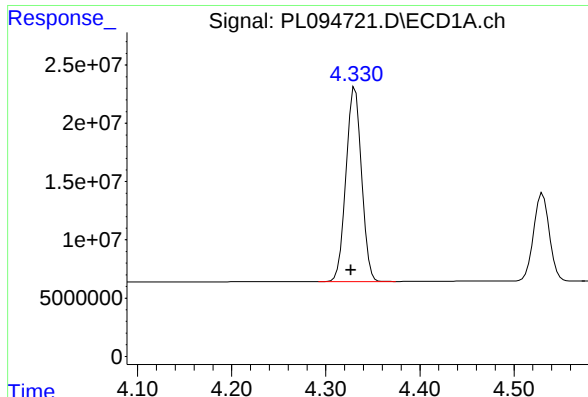
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.005 min
Response: 199320118
Conc: 48.00 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.003 min
Response: 286575719
Conc: 53.15 ng/ml



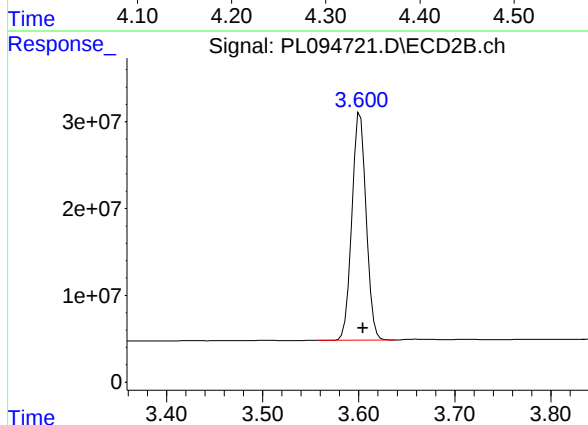
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.004 min
Response: 191461858
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

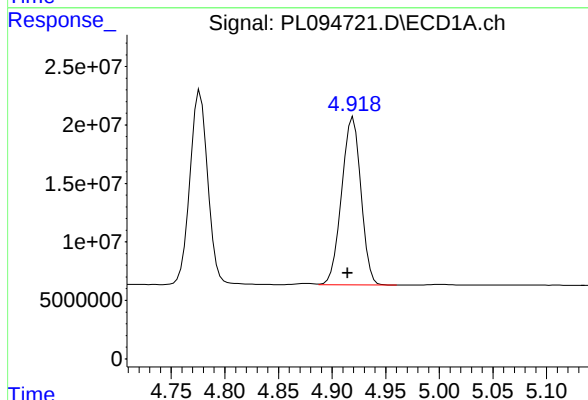
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



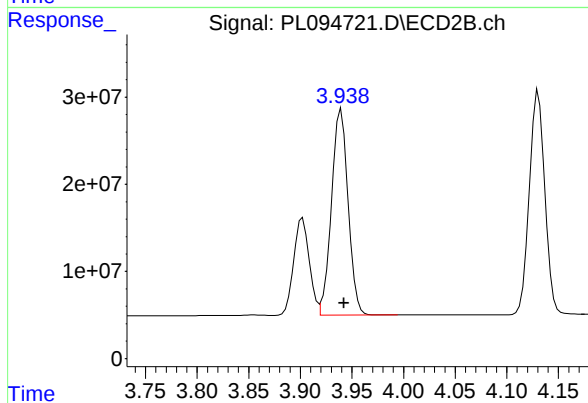
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 269956839
Conc: 52.53 ng/ml



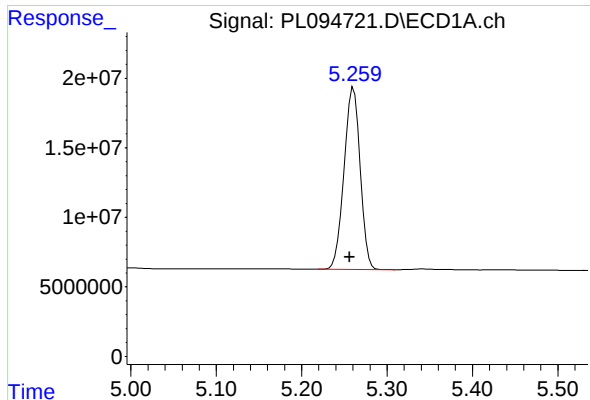
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.005 min
Response: 179433829
Conc: 46.23 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 264842202
Conc: 50.27 ng/ml



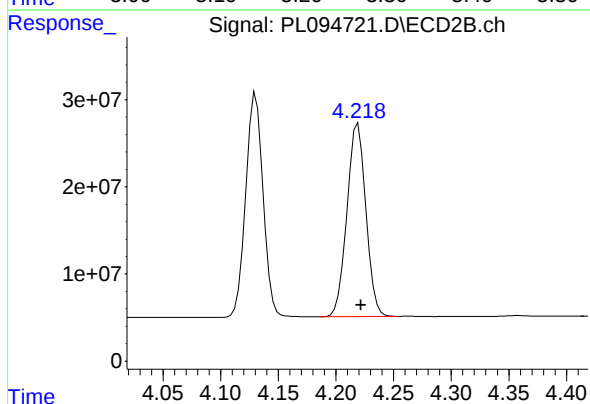
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.005 min
Response: 171382262
Conc: 46.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

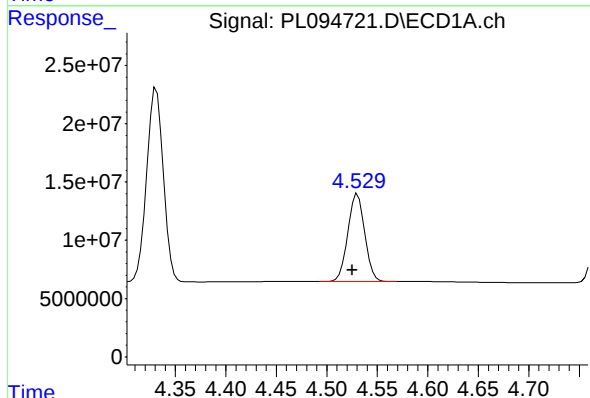
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



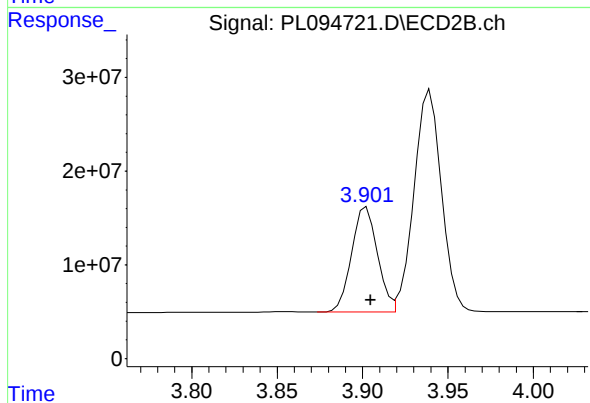
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 251786887
Conc: 51.63 ng/ml



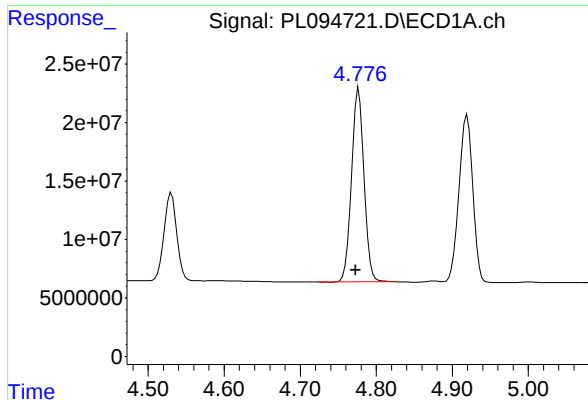
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.005 min
Response: 87877122
Conc: 47.62 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.002 min
Response: 117776235
Conc: 53.02 ng/ml



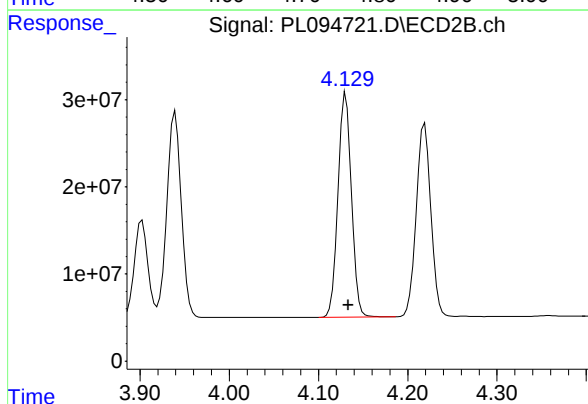
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.004 min
Response: 190671423
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

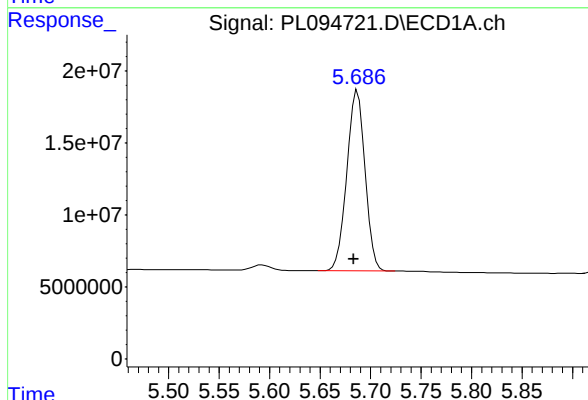
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



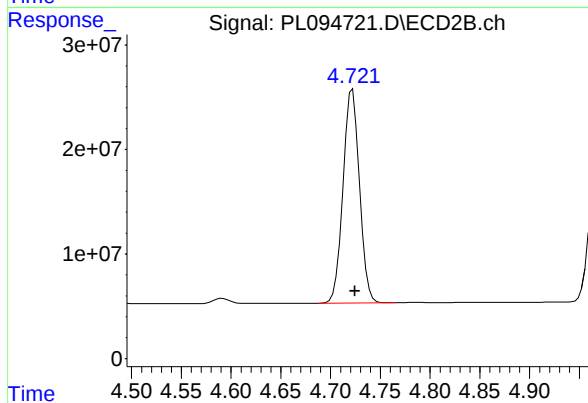
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.003 min
Response: 269020186
Conc: 53.78 ng/ml



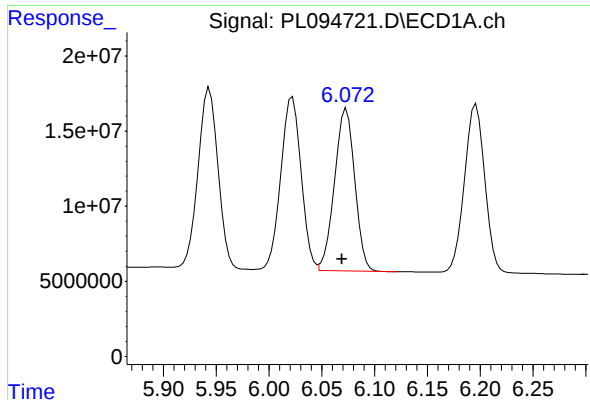
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.004 min
Response: 157605224
Conc: 47.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.002 min
Response: 235260212
Conc: 51.38 ng/ml



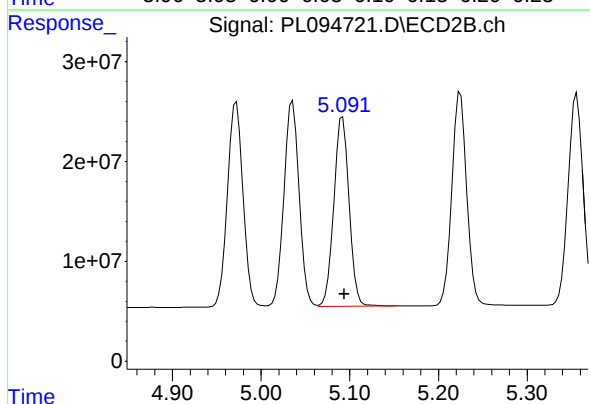
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.004 min
Response: 143787314
Conc: 46.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

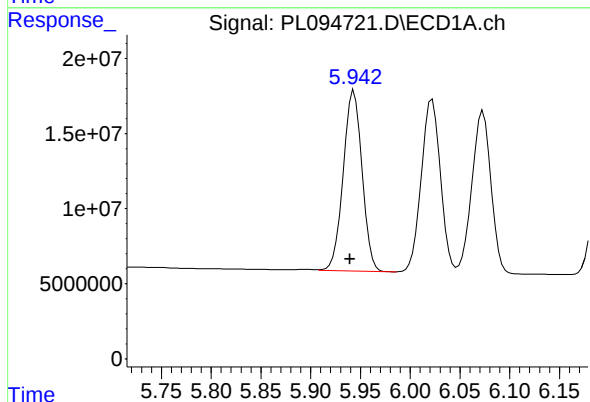
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



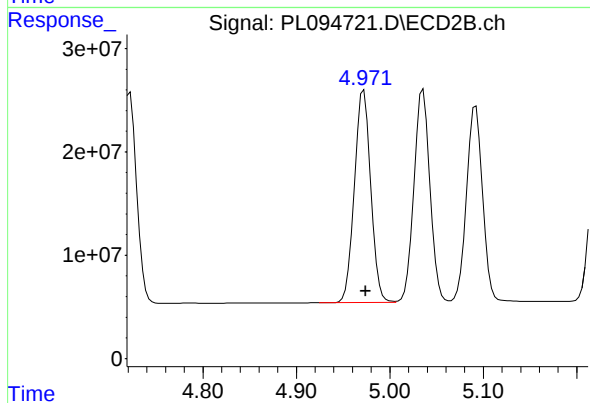
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 226648107
Conc: 51.64 ng/ml



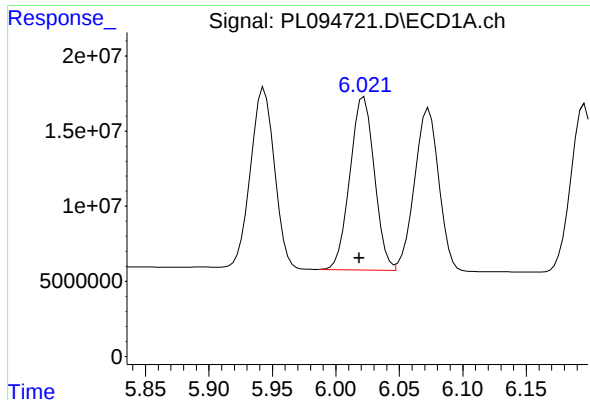
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.004 min
Response: 158300530
Conc: 46.98 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 250316399
Conc: 51.84 ng/ml



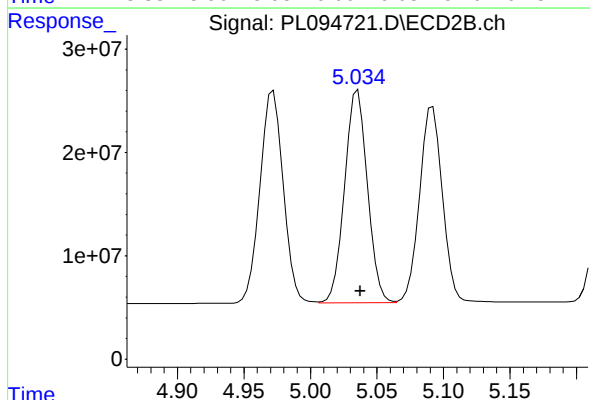
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.004 min
Response: 154471961
Conc: 46.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

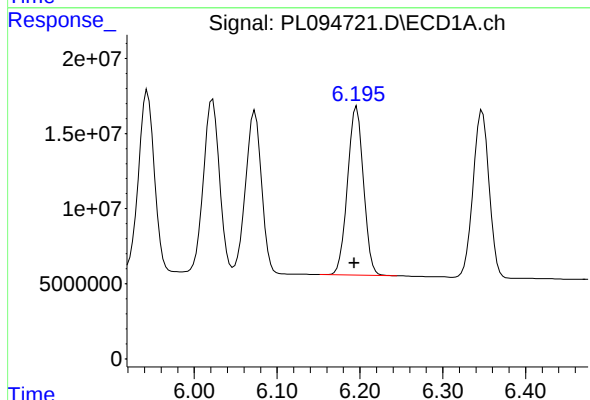
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



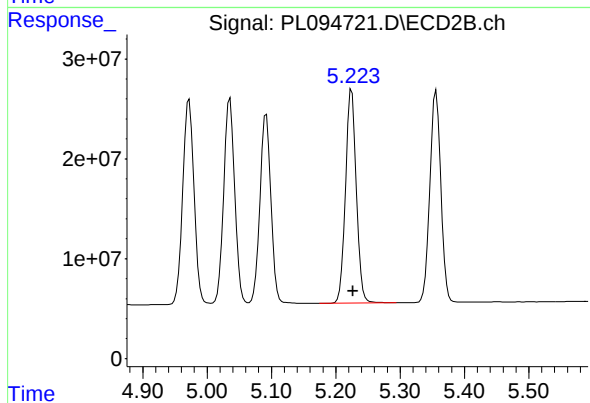
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 245700530
Conc: 51.48 ng/ml



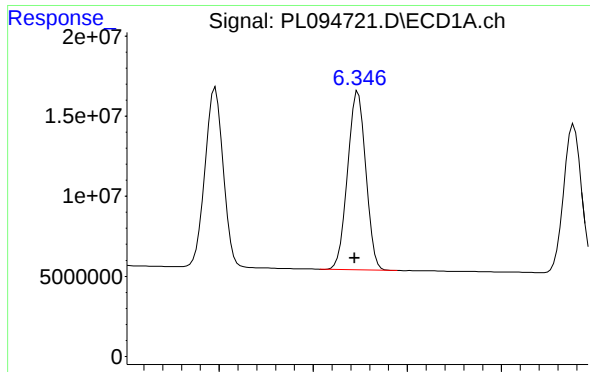
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.003 min
Response: 150415467
Conc: 51.13 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 249367617
Conc: 53.64 ng/ml



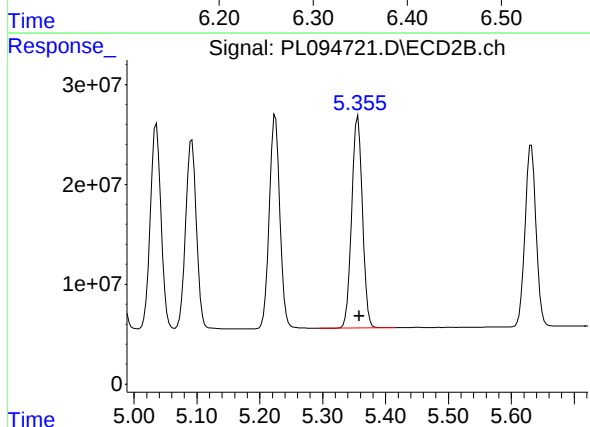
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.004 min
Response: 149915095
Conc: 46.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

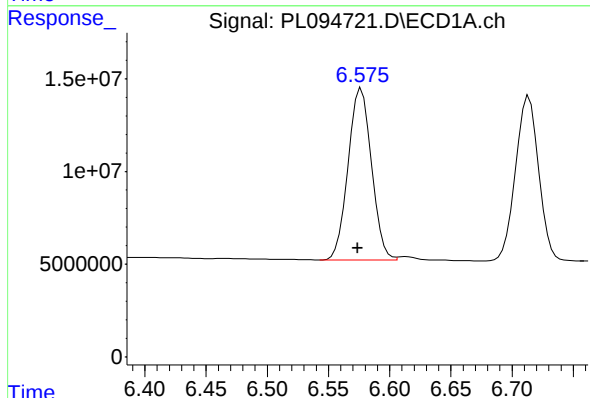
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



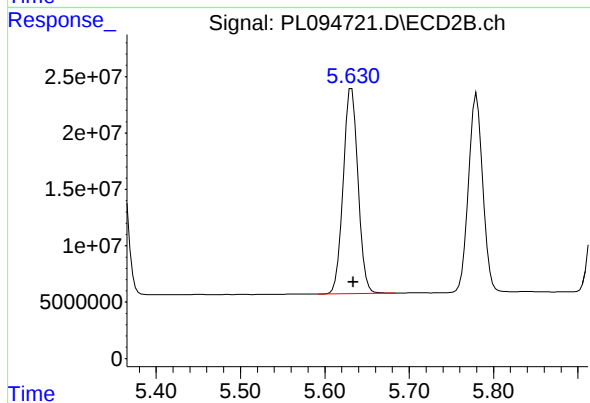
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 250073125
Conc: 51.54 ng/ml



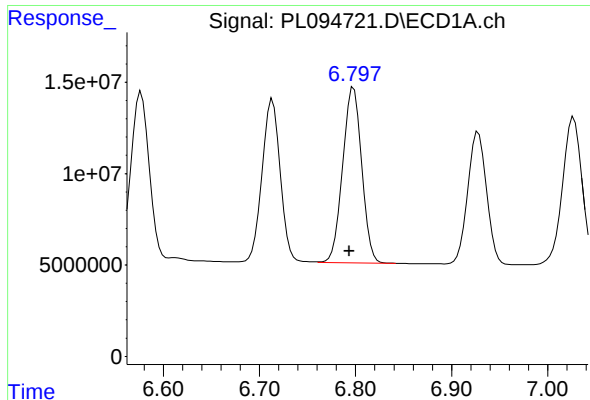
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.002 min
Response: 123925361
Conc: 44.70 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 221568742
Conc: 50.78 ng/ml



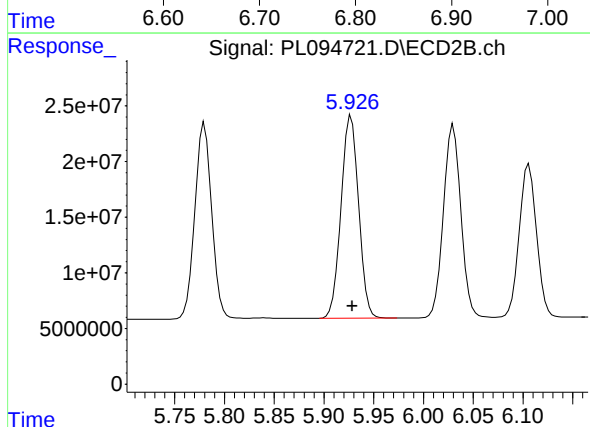
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.004 min
Response: 131371995
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

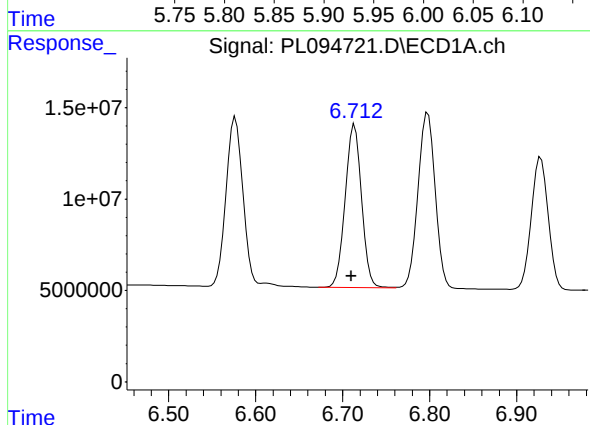
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



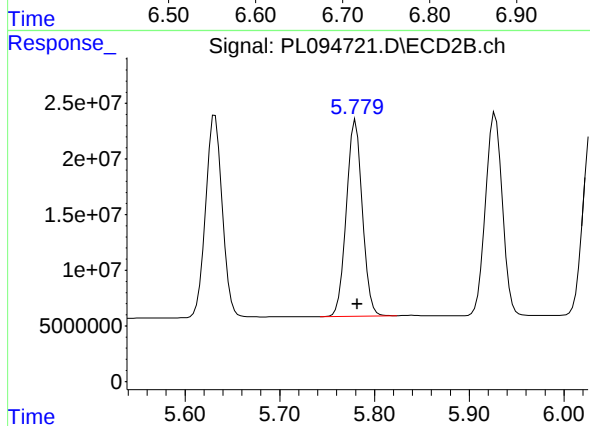
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.001 min
Response: 224373744
Conc: 51.84 ng/ml



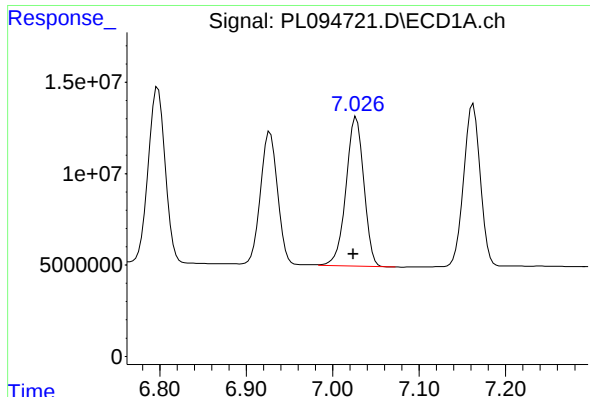
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.004 min
Response: 117475725
Conc: 54.23 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 206658813
Conc: 57.47 ng/ml



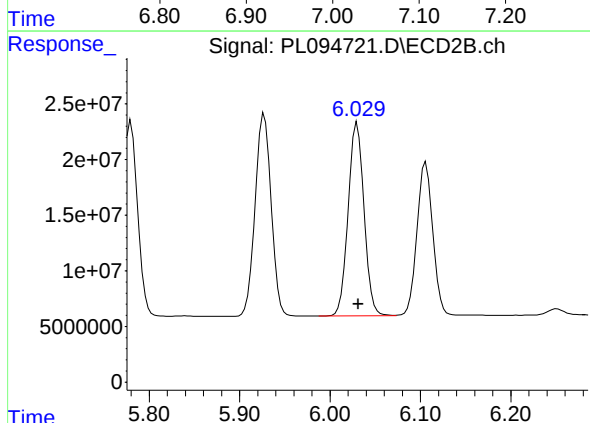
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.003 min
Response: 116762794
Conc: 49.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

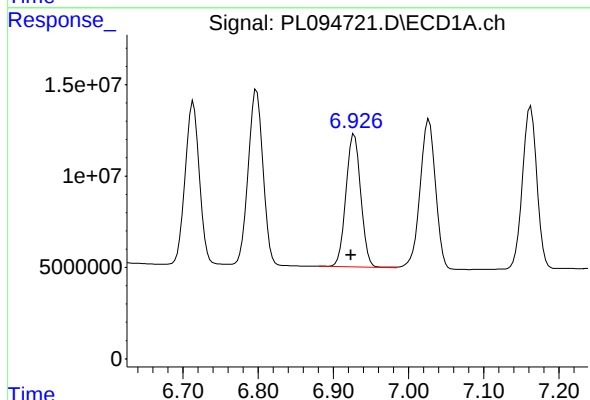
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



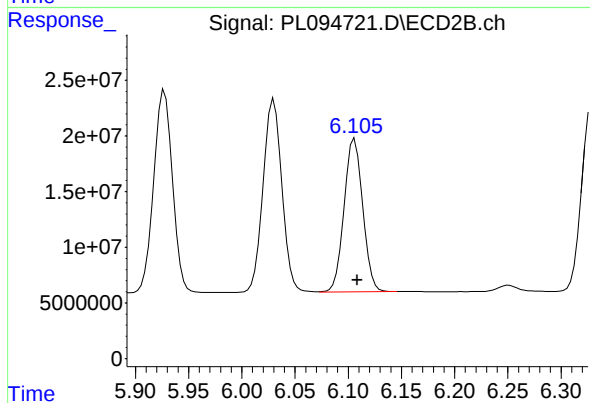
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.002 min
Response: 212205695
Conc: 52.63 ng/ml



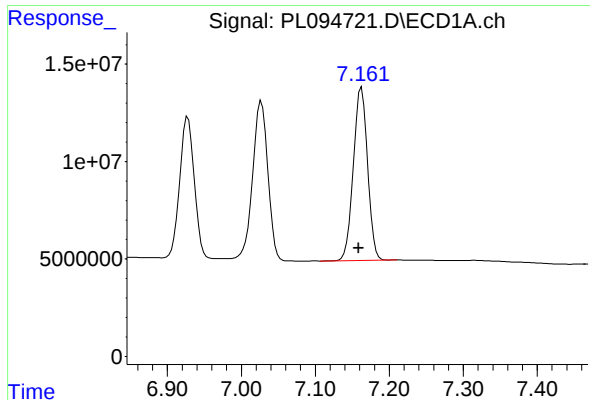
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.004 min
Response: 99936984
Conc: 47.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 166722056
Conc: 49.54 ng/ml



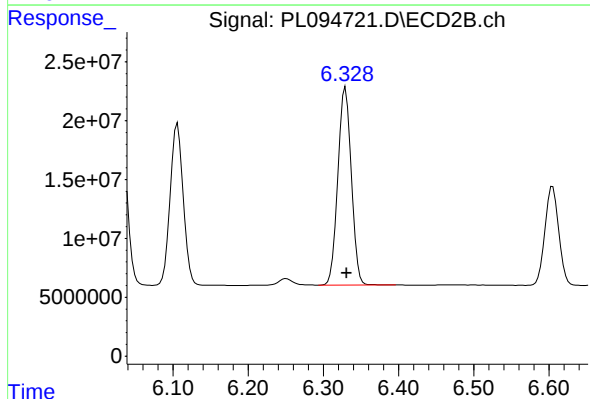
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.004 min
Response: 118302123
Conc: 48.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

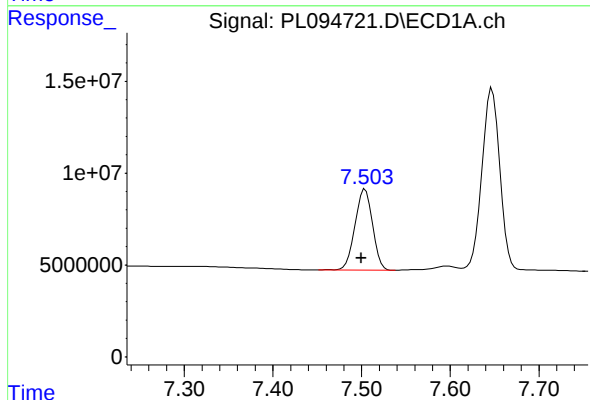
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



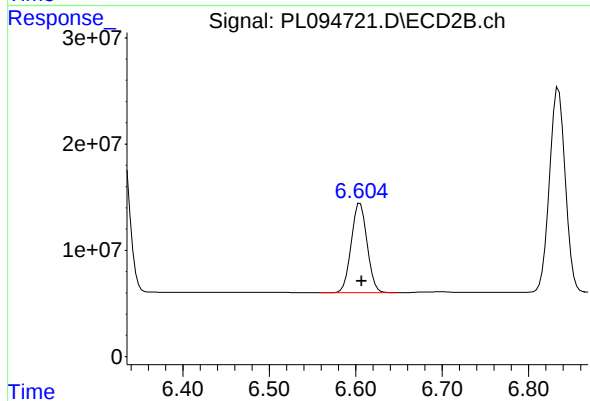
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.001 min
Response: 209249321
Conc: 51.37 ng/ml



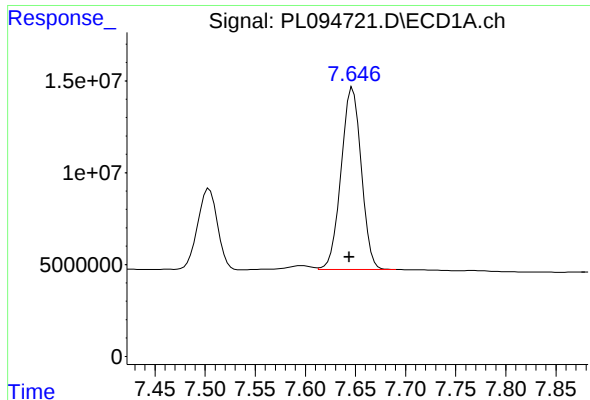
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.004 min
Response: 60597739
Conc: 50.62 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 107302663
Conc: 50.59 ng/ml



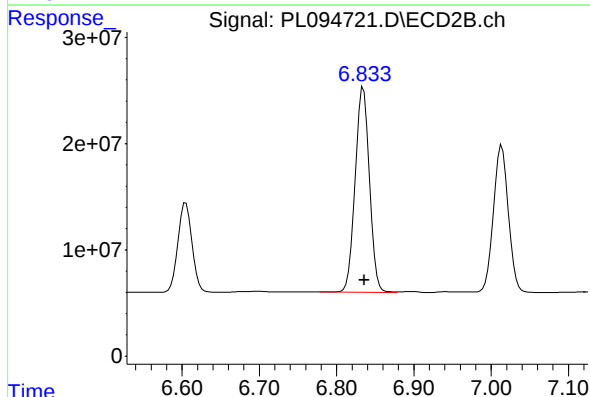
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.003 min
Response: 138318112
Conc: 52.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

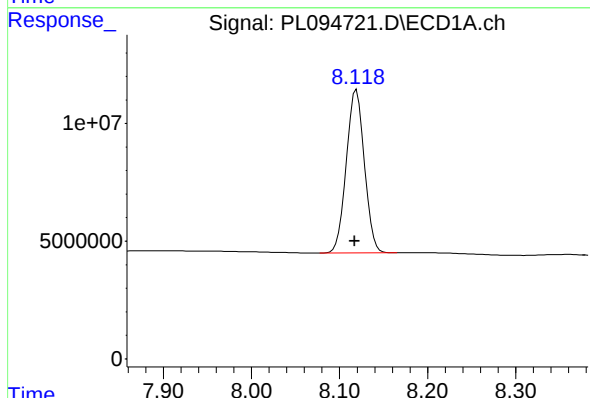
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



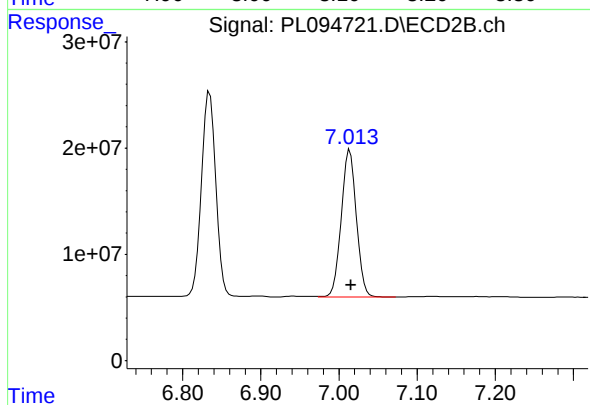
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.001 min
Response: 246479755
Conc: 51.64 ng/ml



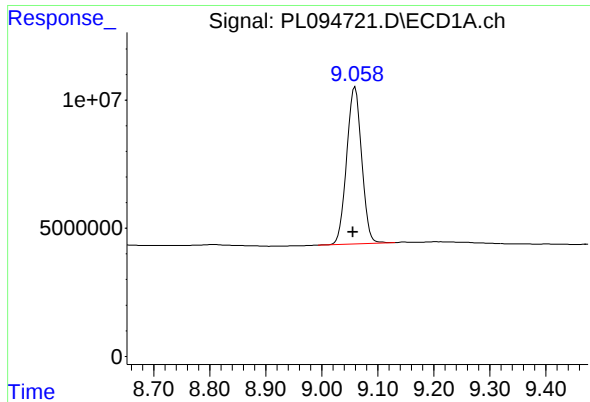
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.002 min
Response: 98963206
Conc: 47.89 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.003 min
Response: 186435350
Conc: 49.12 ng/ml m



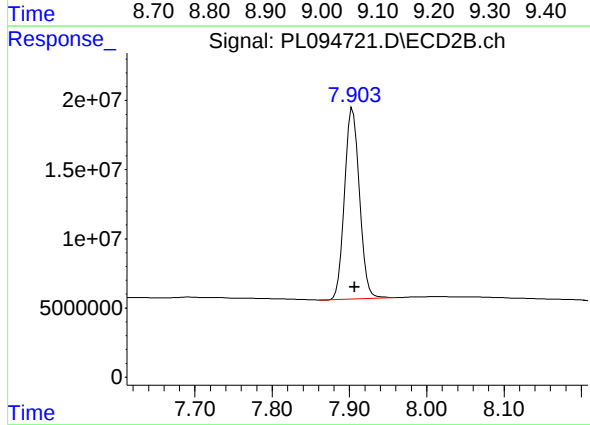
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.004 min
Response: 113975483
Conc: 54.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/19/2025
Supervised By :mohammad ahmed 03/24/2025



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 183540119
Conc: 45.44 ng/ml