

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053025\
 Data File : PL095854.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2025 16:07
 Operator : AR\AJ
 Sample : PB168209BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB168209BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/02/2025
 Supervised By : mohammad ahmed 06/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 22:54:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.572	2.886	68956154	85970625	21.854	21.965
28)	SA Decachlor...	9.105	8.064	45513665	84079413	19.315	19.221
Target Compounds							
2)	A alpha-BHC	4.025	3.396	250.9E6	317.2E6	51.754	54.161
3)	MA gamma-BHC...	4.356	3.729	231.8E6	300.4E6	51.845	53.627
4)	MA Heptachlor	4.954	4.082	183.9E6	284.5E6	48.576	50.717
5)	MB Aldrin	5.297	4.367	218.4E6	287.2E6	51.056	54.118
6)	B beta-BHC	4.544	4.025	99486083	121.4E6	50.466	49.002
7)	B delta-BHC	4.792	4.260	213.2E6	283.6E6	48.087	50.213
8)	B Heptachlo...	5.718	4.870	194.7E6	262.5E6	51.007	53.160
9)	A Endosulfan I	6.102	5.242	183.1E6	240.8E6	49.952	50.536
10)	B gamma-Chl...	5.972	5.122	197.7E6	278.6E6	50.802m	53.031
11)	B alpha-Chl...	6.054	5.186	196.8E6	272.3E6	49.852	52.340
12)	B 4,4'-DDE	6.224	5.374	178.7E6	275.1E6	48.712	51.313
13)	MA Dieldrin	6.375	5.507	192.5E6	278.5E6	49.878	52.555
14)	MA Endrin	6.603	5.782	141.4E6	229.9E6	43.836	47.141
15)	B Endosulfa...	6.816	6.073	161.5E6	242.5E6	46.858	51.025
16)	A 4,4'-DDD	6.735	5.925	150.3E6	236.8E6	51.299	54.008
17)	MA 4,4'-DDT	7.051	6.179	112.3E6	203.6E6	41.512	42.563
18)	B Endrin al...	6.945	6.250	115.9E6	176.6E6	47.945	51.121
19)	B Endosulfa...	7.179	6.474	139.7E6	220.2E6	46.754	48.999
20)	A Methoxychlor	7.523	6.749	52401262	104.2E6	41.089	39.827
21)	B Endrin ke...	7.661	6.980	157.1E6	261.8E6	49.610	50.609
22)	Mirex	8.142	7.173	108.1E6	186.6E6	46.706	45.958

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053025\
Data File : PL095854.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 May 2025 16:07
Operator : AR\AJ
Sample : PB168209BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB168209BS

Manual Integrations

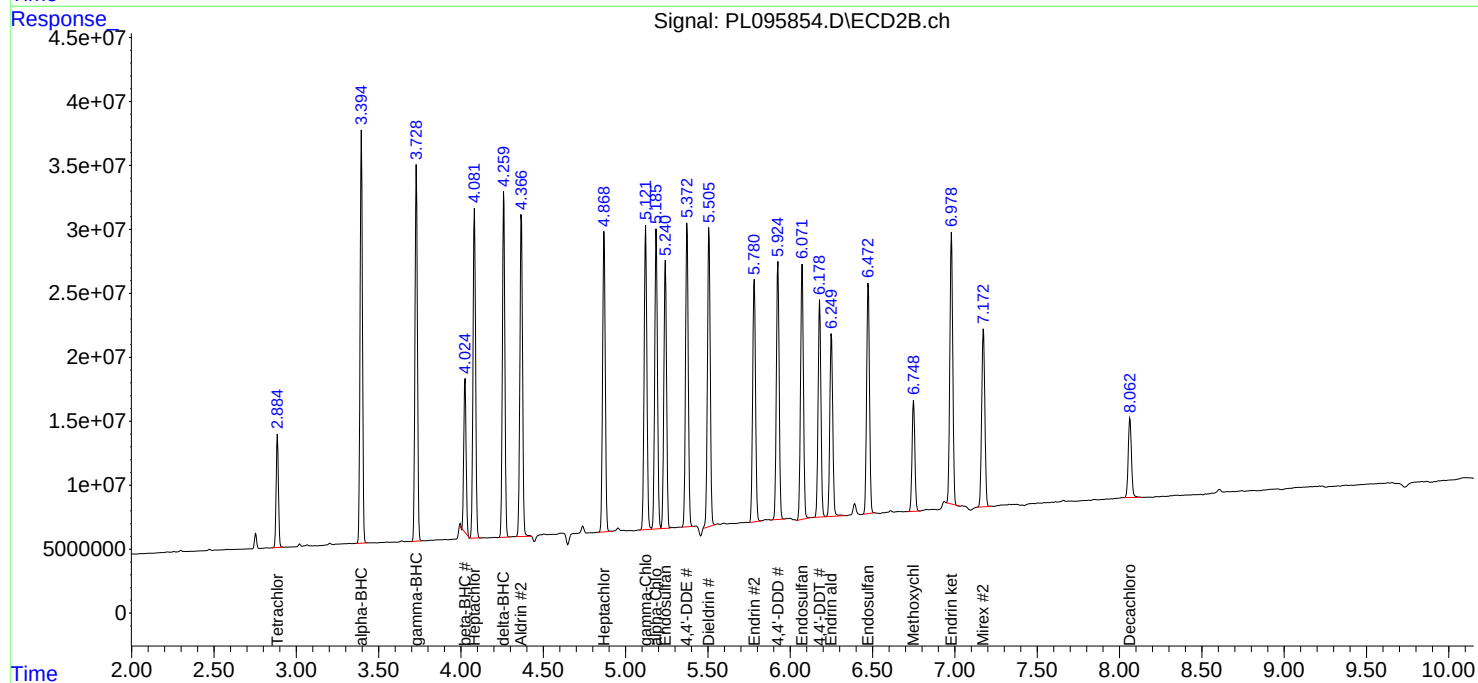
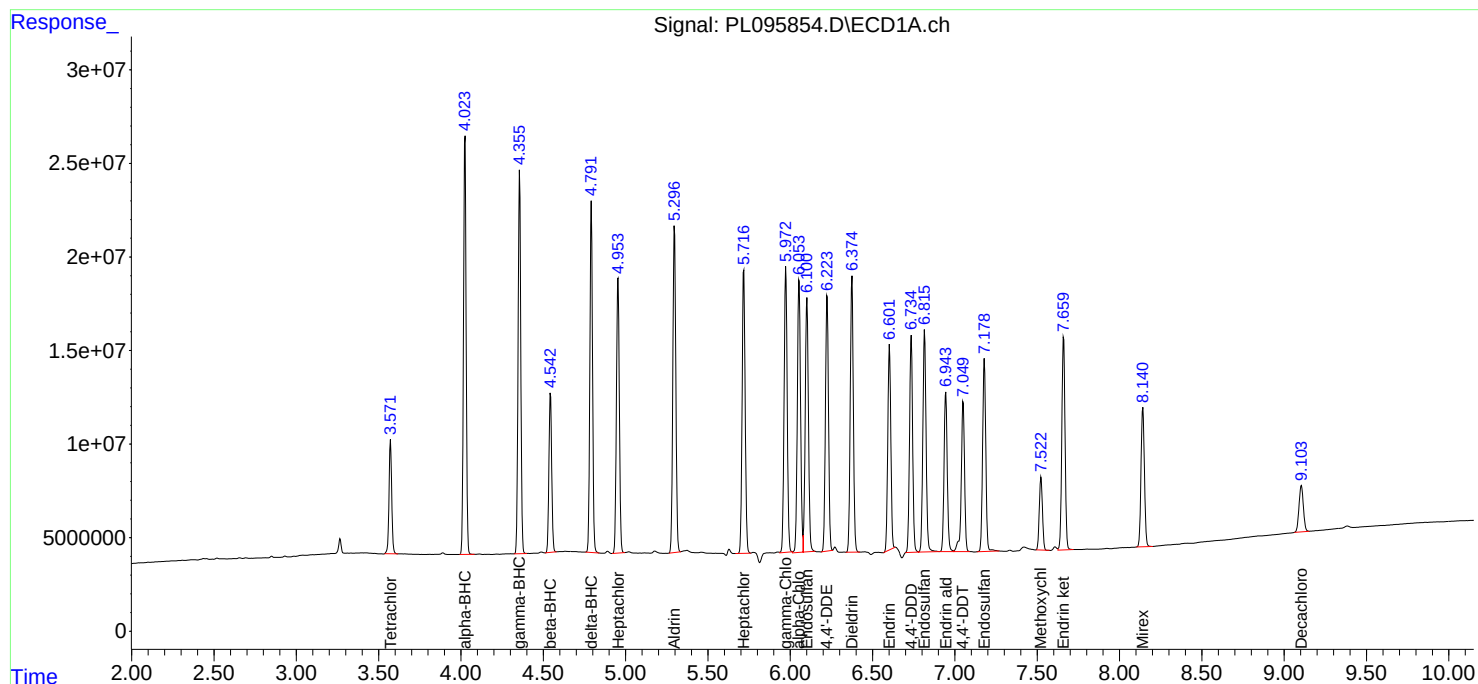
APPROVED

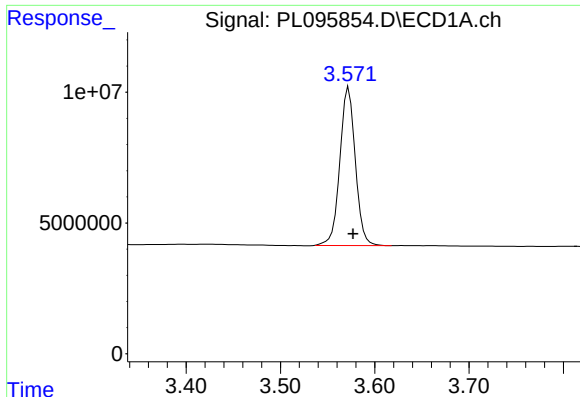
Reviewed By :Abdul Mirza 06/02/2025

Supervised By :mohammad ahmed 06/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 22:54:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 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





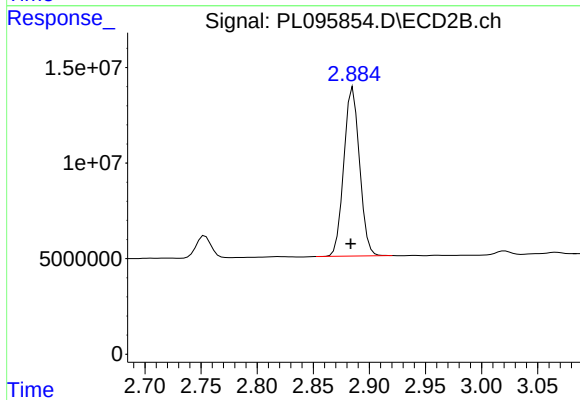
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 68956154
Conc: 21.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168209BS

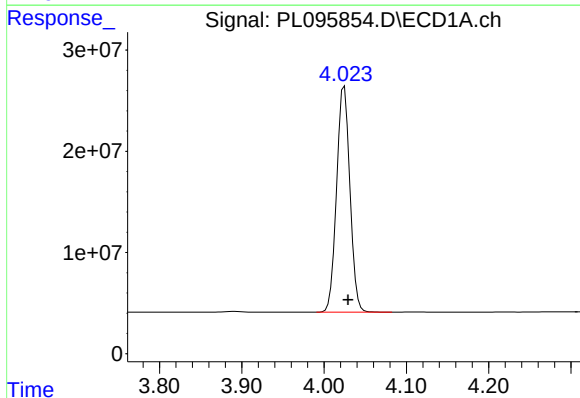
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



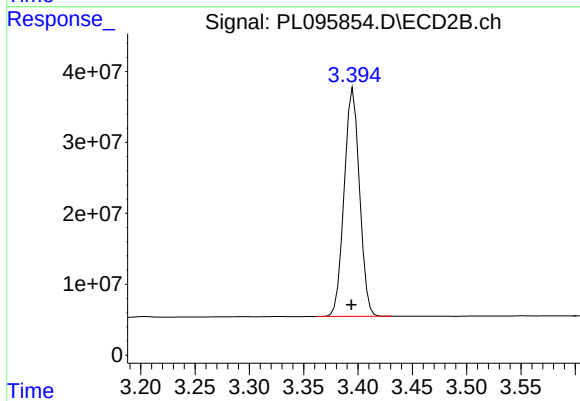
#1 Tetrachloro-m-xylene

R.T.: 2.886 min
Delta R.T.: 0.002 min
Response: 85970625
Conc: 21.97 ng/ml



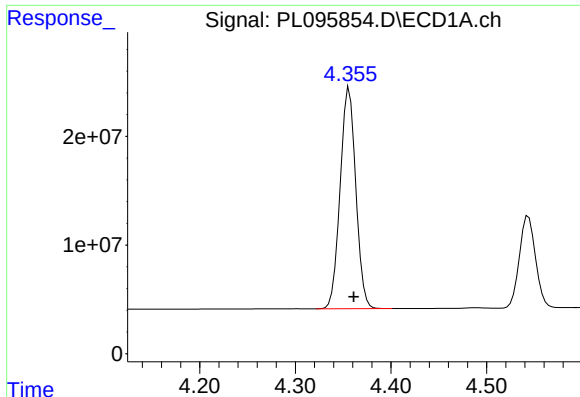
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: -0.005 min
Response: 250898124
Conc: 51.75 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.002 min
Response: 317237710
Conc: 54.16 ng/ml



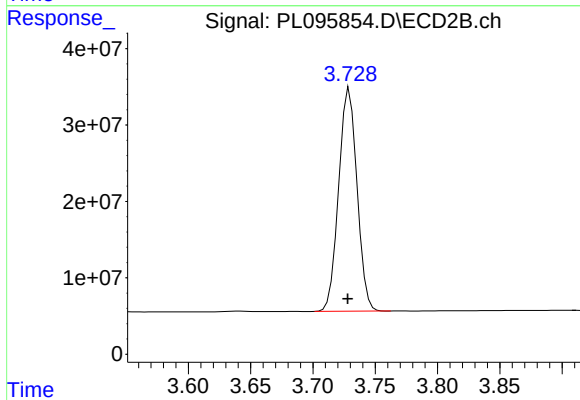
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: -0.005 min
Response: 231841913
Conc: 51.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168209BS

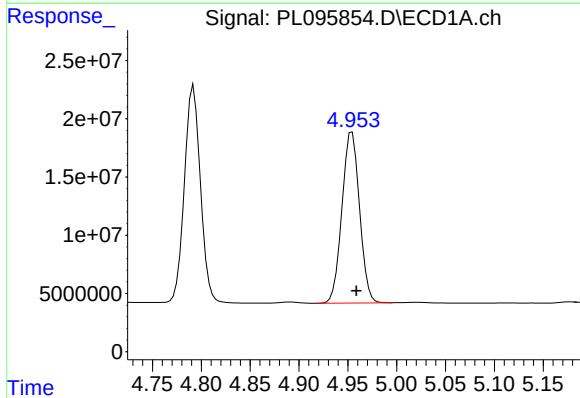
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



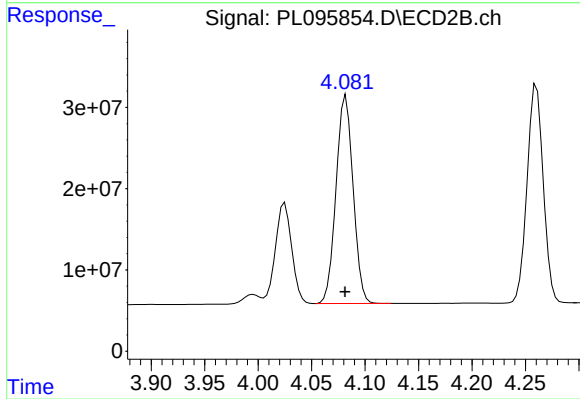
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.001 min
Response: 300376594
Conc: 53.63 ng/ml



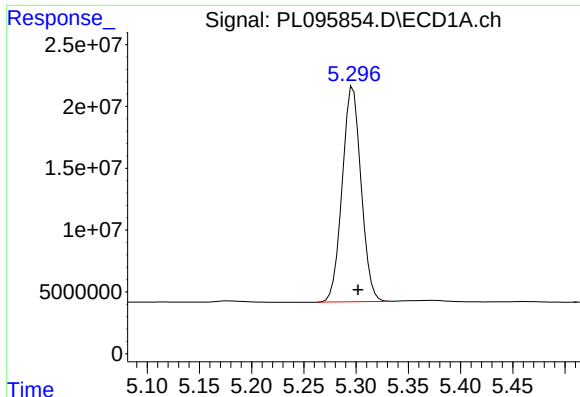
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: -0.004 min
Response: 183862311
Conc: 48.58 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 284472188
Conc: 50.72 ng/ml



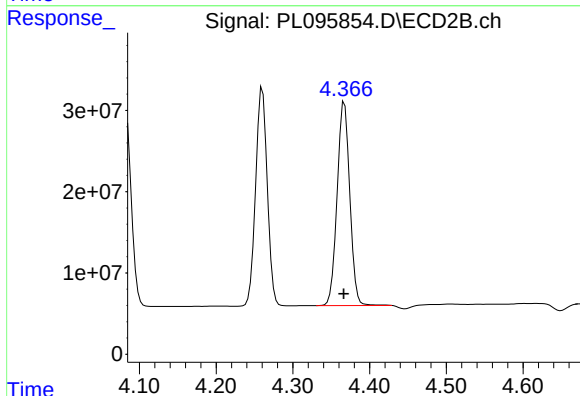
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: -0.005 min
Response: 218403699
Conc: 51.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168209BS

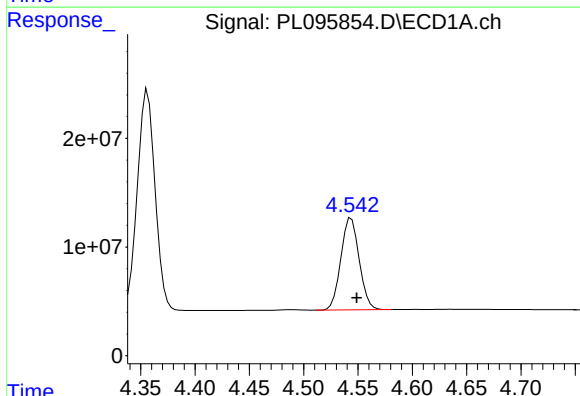
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



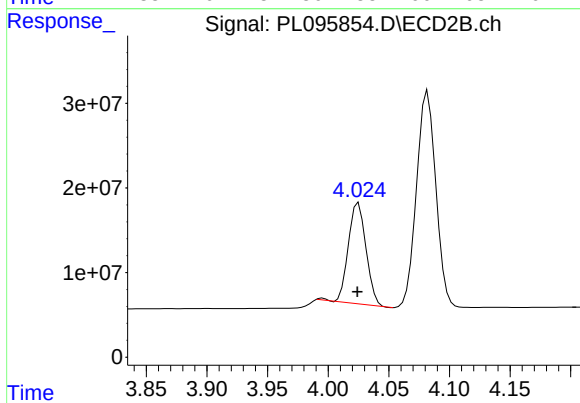
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 287210437
Conc: 54.12 ng/ml



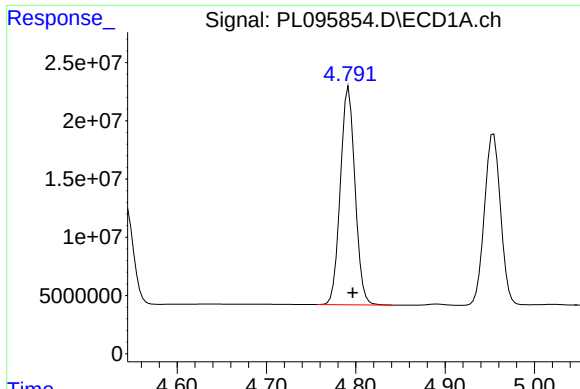
#6 beta-BHC

R.T.: 4.544 min
Delta R.T.: -0.005 min
Response: 99486083
Conc: 50.47 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.001 min
Response: 121404493
Conc: 49.00 ng/ml



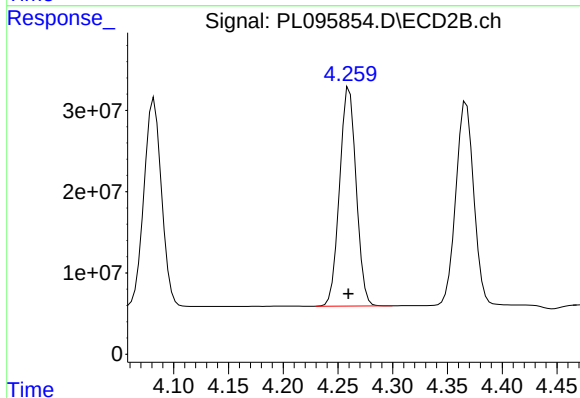
#7 delta-BHC

R.T.: 4.792 min
Delta R.T.: -0.004 min
Response: 213197992
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168209BS

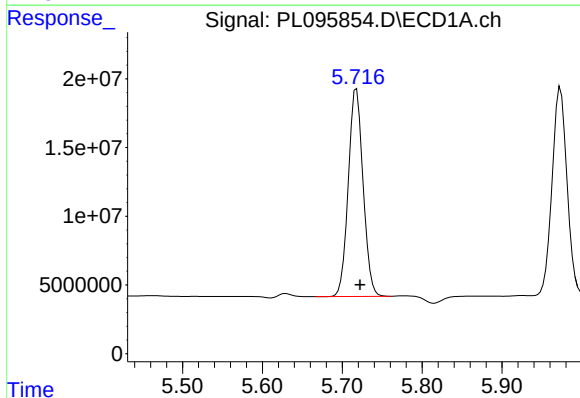
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



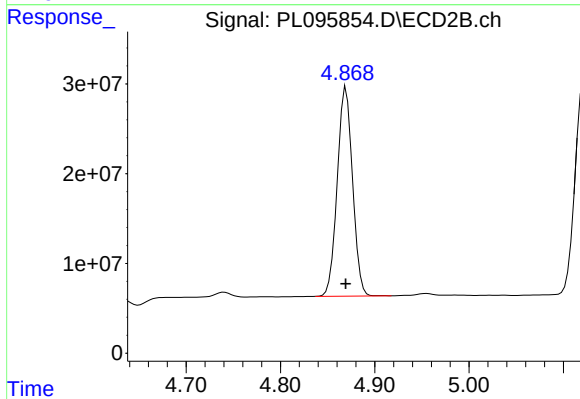
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 283569041
Conc: 50.21 ng/ml



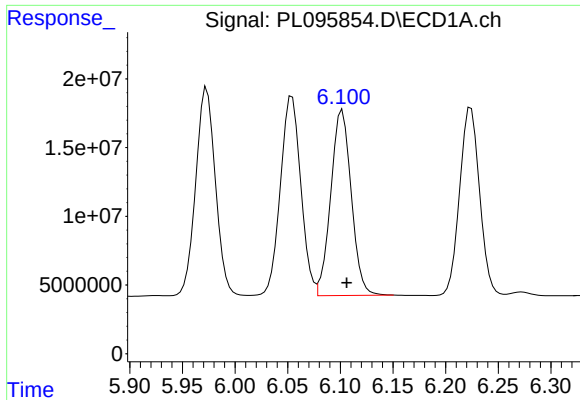
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: -0.005 min
Response: 194687763
Conc: 51.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 262472615
Conc: 53.16 ng/ml



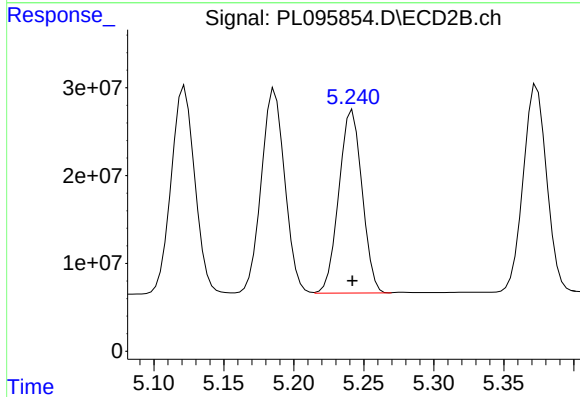
#9 Endosulfan I

R.T.: 6.102 min
Delta R.T.: -0.004 min
Response: 183065556
Conc: 49.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168209BS

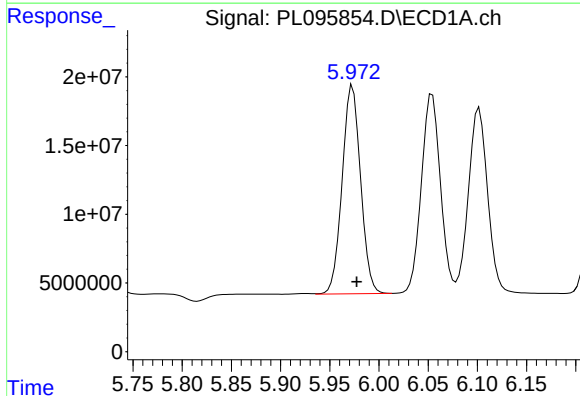
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



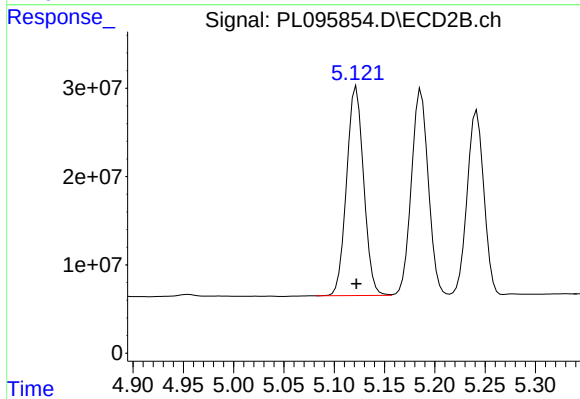
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 240800772
Conc: 50.54 ng/ml



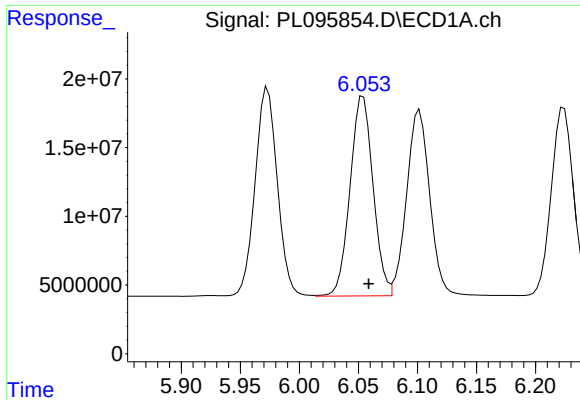
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: -0.006 min
Response: 197726077
Conc: 50.80 ng/ml m



#10 gamma-Chlordane

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 278557505
Conc: 53.03 ng/ml



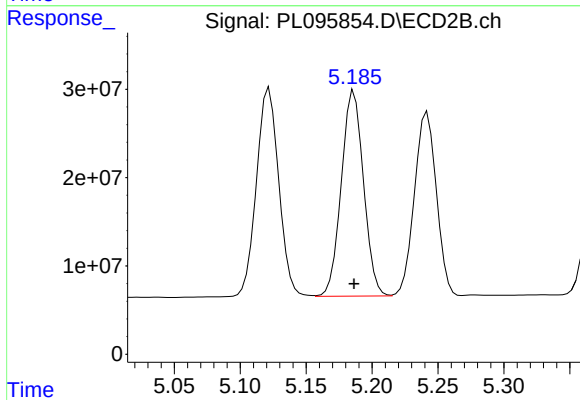
#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: -0.005 min
Response: 196824992
Conc: 49.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168209BS

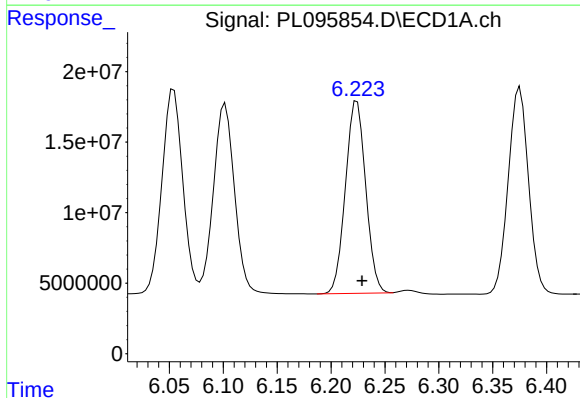
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



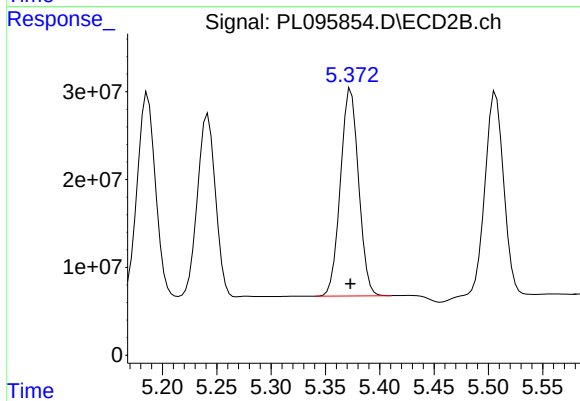
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 272310810
Conc: 52.34 ng/ml



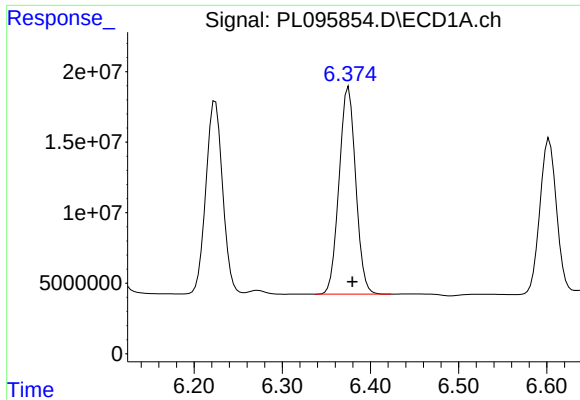
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: -0.005 min
Response: 178670918
Conc: 48.71 ng/ml



#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 275145730
Conc: 51.31 ng/ml



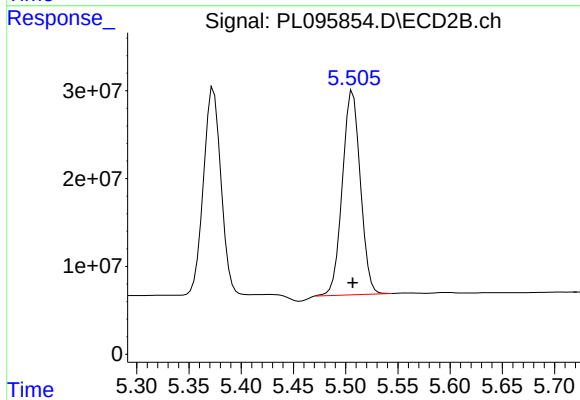
#13 Dieldrin

R.T.: 6.375 min
Delta R.T.: -0.004 min
Response: 192486496
Conc: 49.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168209BS

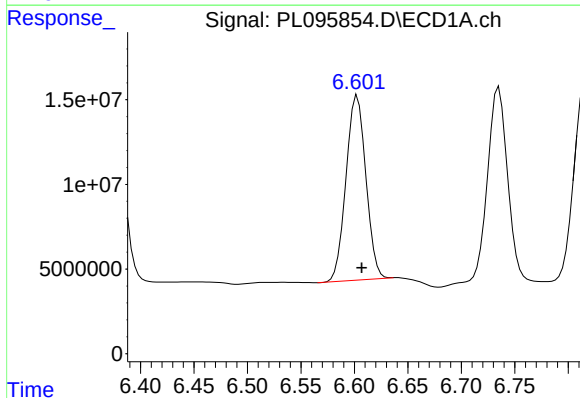
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



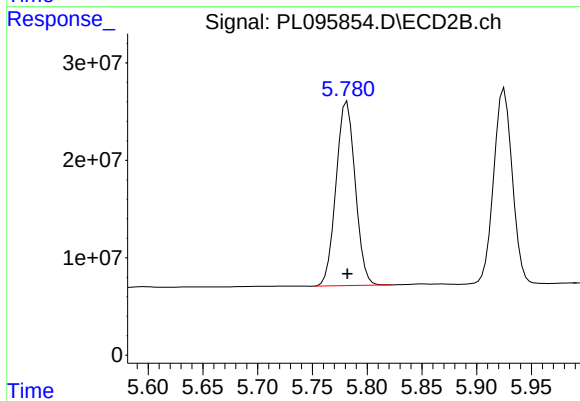
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 278545635
Conc: 52.55 ng/ml



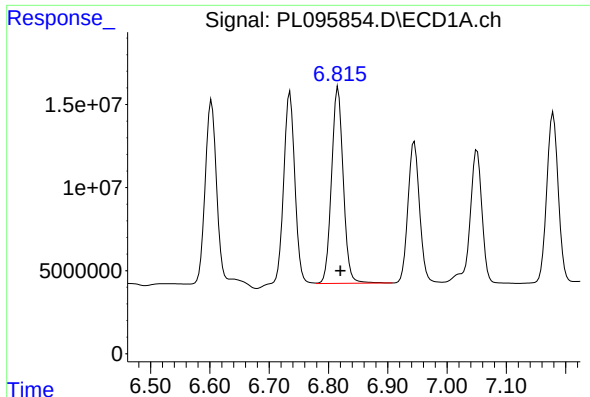
#14 Endrin

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 141447159
Conc: 43.84 ng/ml



#14 Endrin

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 229863439
Conc: 47.14 ng/ml



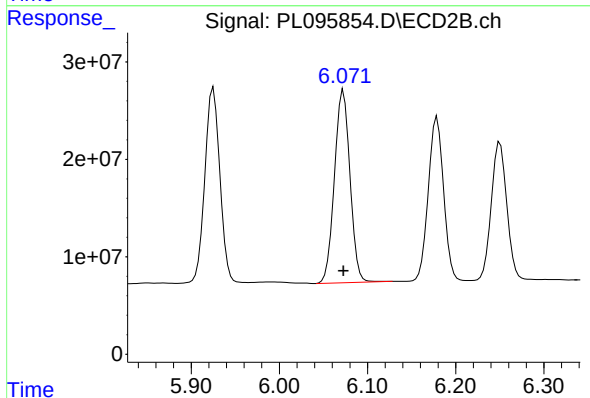
#15 Endosulfan II

R.T.: 6.816 min
Delta R.T.: -0.004 min
Response: 161474477
Conc: 46.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168209BS

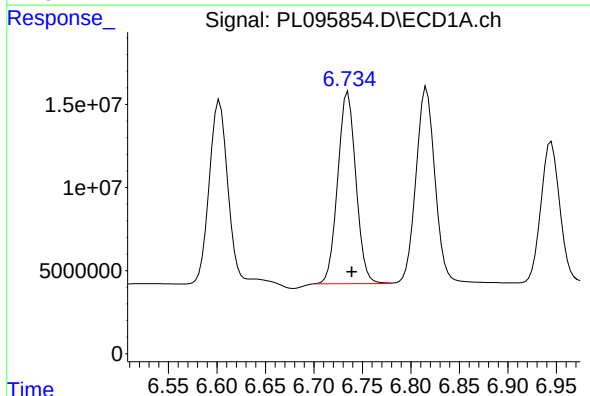
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



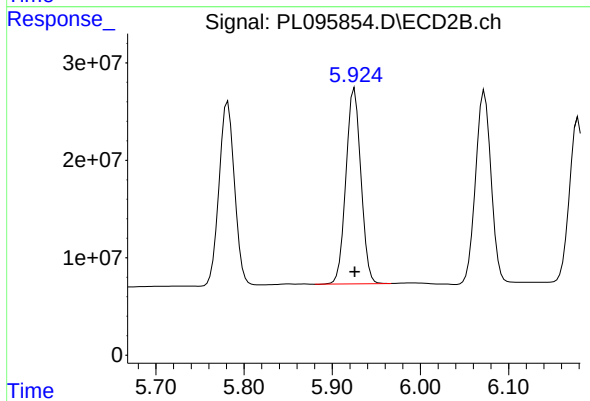
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 242457436
Conc: 51.02 ng/ml



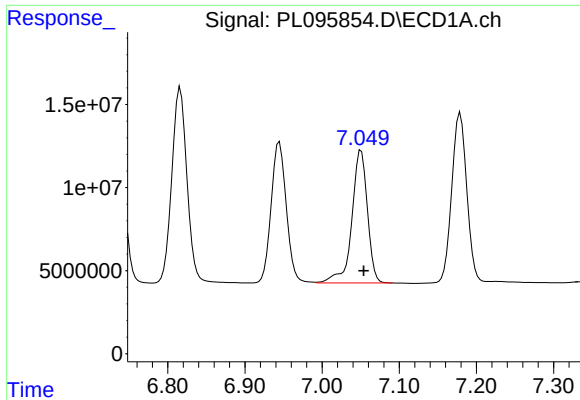
#16 4,4'-DDD

R.T.: 6.735 min
Delta R.T.: -0.004 min
Response: 150336649
Conc: 51.30 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 236822913
Conc: 54.01 ng/ml



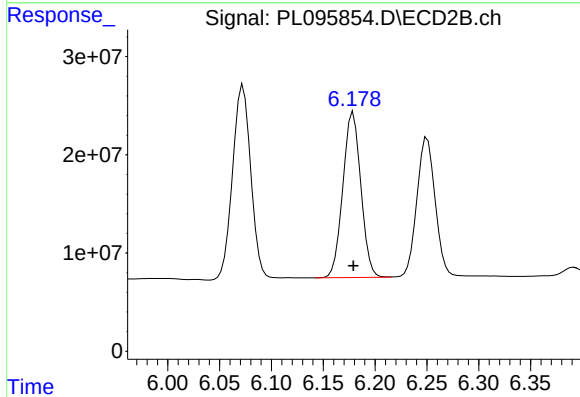
#17 4,4'-DDT

R.T.: 7.051 min
Delta R.T.: -0.003 min
Response: 112295318
Conc: 41.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168209BS

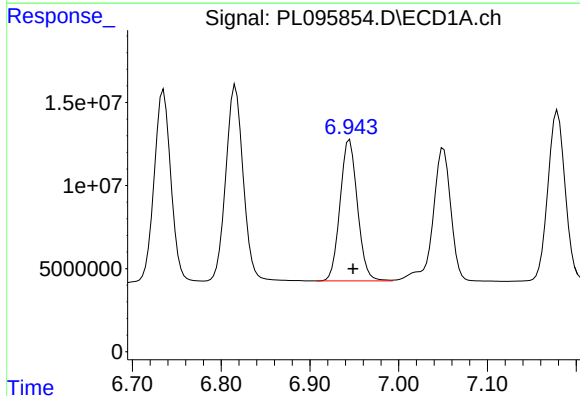
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



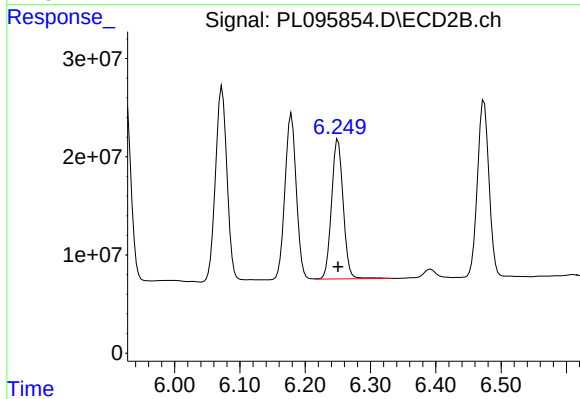
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 203559975
Conc: 42.56 ng/ml



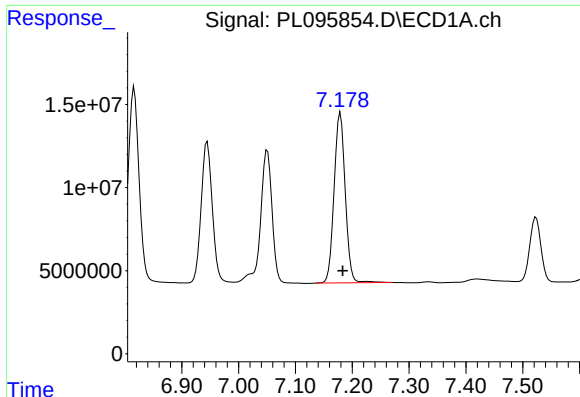
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: -0.004 min
Response: 115912745
Conc: 47.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 176588456
Conc: 51.12 ng/ml



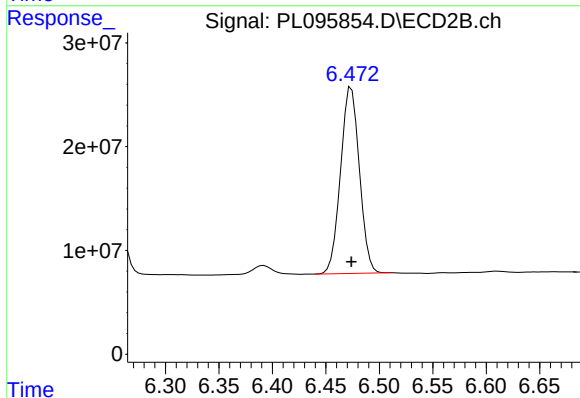
#19 Endosulfan Sulfate

R.T.: 7.179 min
Delta R.T.: -0.004 min
Response: 139650494
Conc: 46.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168209BS

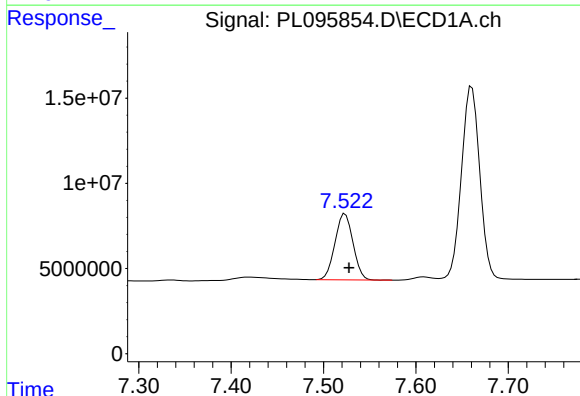
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



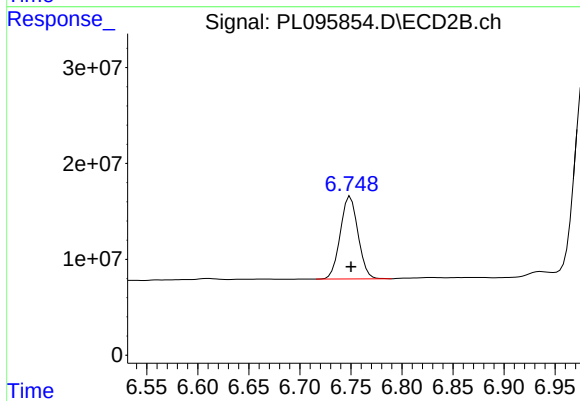
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 220236093
Conc: 49.00 ng/ml



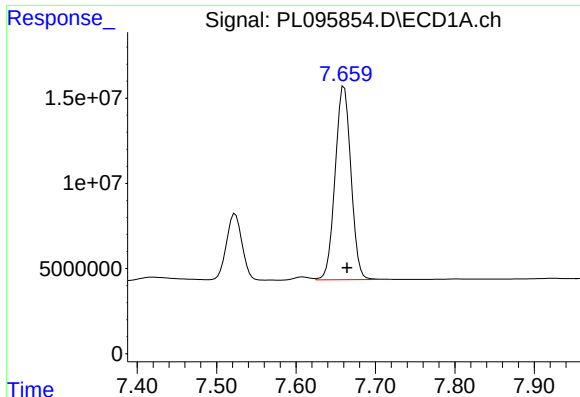
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: -0.004 min
Response: 52401262
Conc: 41.09 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 104192042
Conc: 39.83 ng/ml



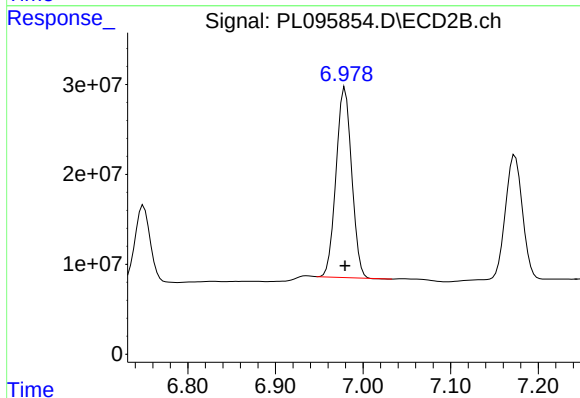
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: -0.004 min
Response: 157110389
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168209BS

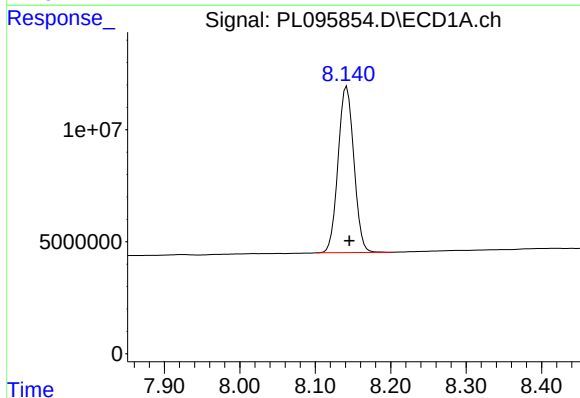
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



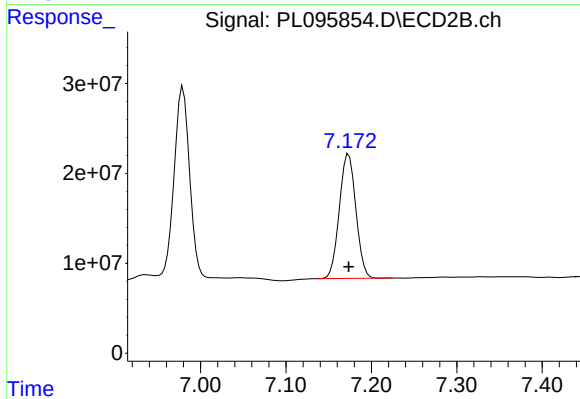
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 261841904
Conc: 50.61 ng/ml



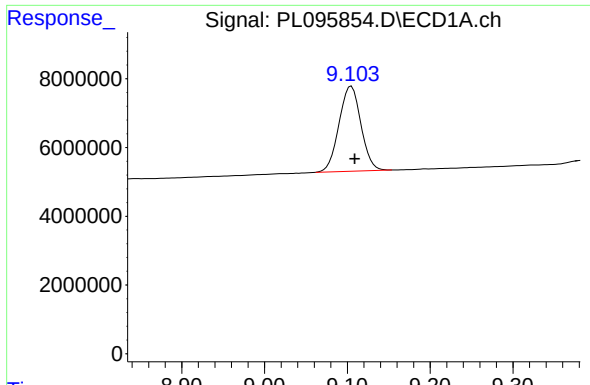
#22 Mirex

R.T.: 8.142 min
Delta R.T.: -0.004 min
Response: 108067561
Conc: 46.71 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 186613915
Conc: 45.96 ng/ml



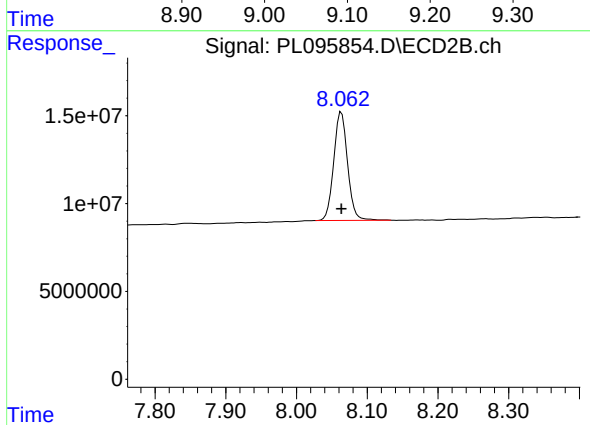
#28 Decachlorobiphenyl

R.T.: 9.105 min
Delta R.T.: -0.004 min
Response: 45513665
Conc: 19.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168209BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 84079413
Conc: 19.22 ng/ml