

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043025\
 Data File : PL095442.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2025 16:49
 Operator : AR\AJ
 Sample : PB167766BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167766BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/29/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 01:35:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.593	2.904	67647608	66214118	20.721	20.824
28) SA Decachlor...	9.116	8.082	65376502	70362619	23.595	23.777
Target Compounds						
2) A alpha-BHC	4.044	3.414	257.4E6	238.4E6	51.956	53.588
3) MA gamma-BHC...	4.373	3.747	247.9E6	232.2E6	52.364m	52.793
4) MA Heptachlor	4.973	4.101	231.7E6	220.5E6	50.642	50.609
5) MB Aldrin	5.314	4.386	239.4E6	213.1E6	52.116	51.774
6) B beta-BHC	4.560	4.040	105.7E6	107.4E6	51.131	51.739
7) B delta-BHC	4.807	4.276	246.6E6	232.2E6	53.032m	52.979
8) B Heptachlo...	5.735	4.888	215.0E6	200.7E6	53.681	51.969
9) A Endosulfan I	6.119	5.262	206.2E6	192.4E6	54.298	52.557
10) B gamma-Chl...	5.989	5.141	222.0E6	209.5E6	54.432	51.699
11) B alpha-Chl...	6.070	5.206	220.6E6	206.4E6	54.259	51.835
12) B 4,4'-DDE	6.239	5.392	213.6E6	209.0E6	54.474	51.377
13) MA Dieldrin	6.391	5.526	212.5E6	209.1E6	55.121	51.418
14) MA Endrin	6.619	5.801	166.6E6	177.0E6	52.308	48.618
15) B Endosulfa...	6.831	6.092	181.8E6	188.8E6	56.955	52.573
16) A 4,4'-DDD	6.749	5.944	166.2E6	174.9E6	58.709	53.545
17) MA 4,4'-DDT	7.064	6.198	159.9E6	174.8E6	56.124	50.878
18) B Endrin al...	6.960	6.270	136.5E6	144.5E6	58.822	55.294
19) B Endosulfa...	7.193	6.493	154.7E6	175.7E6	55.225	52.952
20) A Methoxychlor	7.534	6.768	74241669	90721249	53.215	47.562
21) B Endrin ke...	7.674	6.999	167.6E6	206.5E6	58.776	58.642
22) Mirex	8.155	7.194	129.1E6	155.6E6	54.348	53.981m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043025\
Data File : PL095442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 16:49
Operator : AR\AJ
Sample : PB167766BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167766BS

Manual Integrations

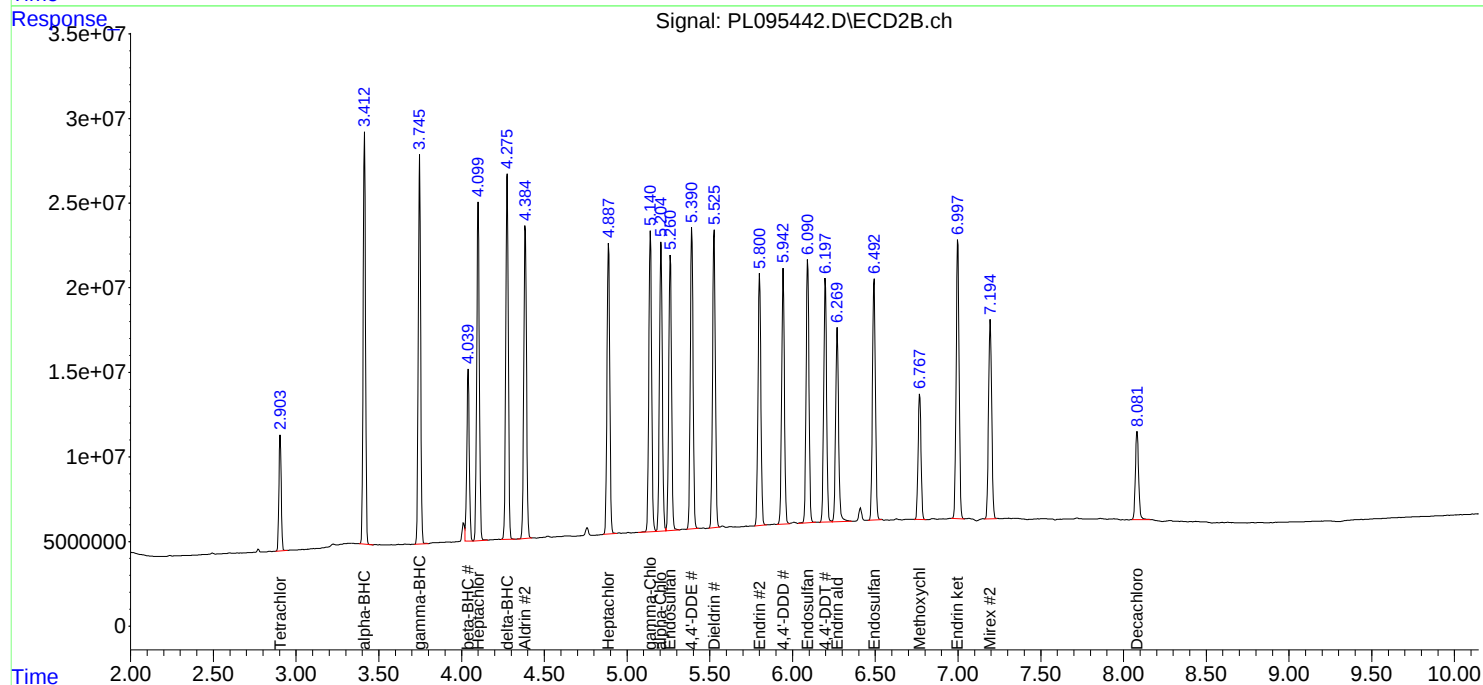
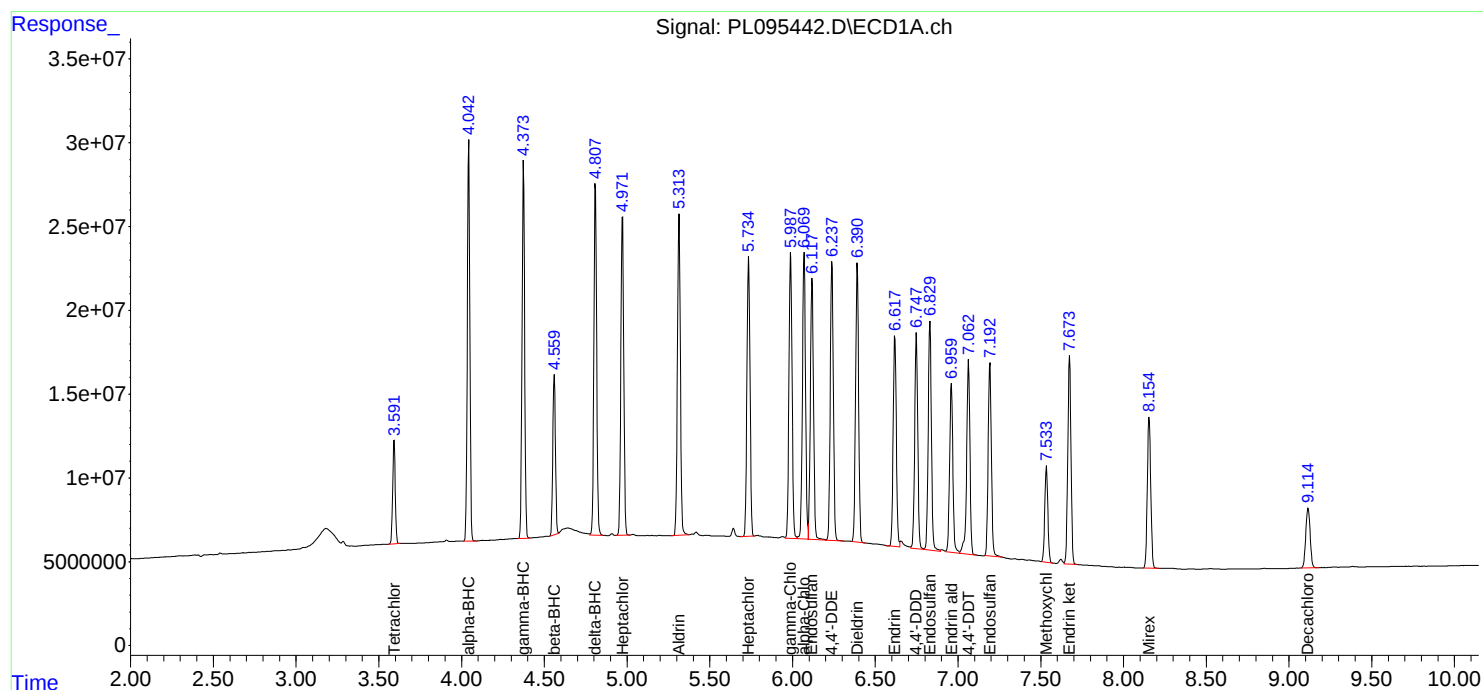
APPROVED

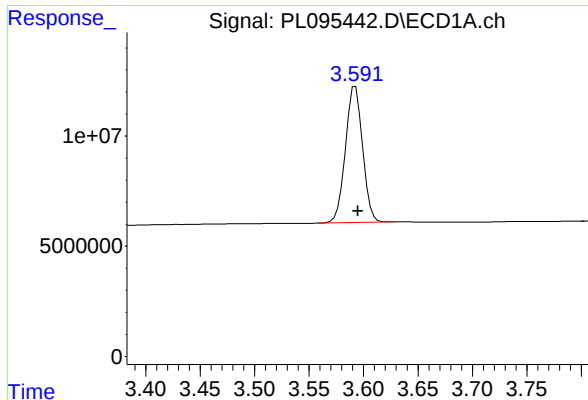
Reviewed By :Abdul Mirza 04/29/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:35:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 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





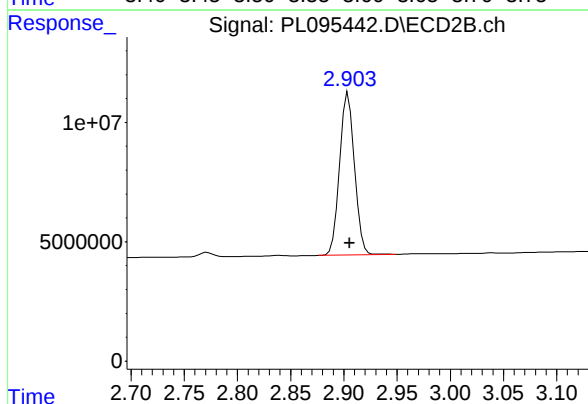
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 67647608
Conc: 20.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

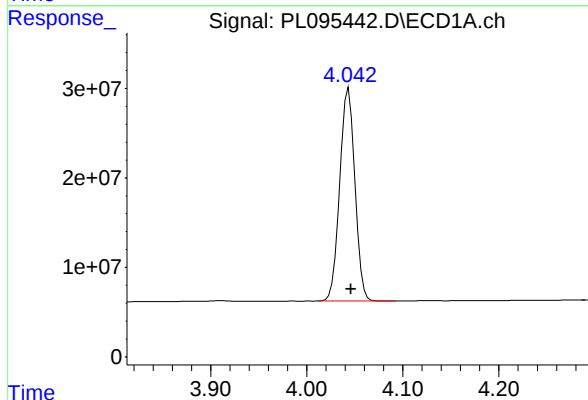
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



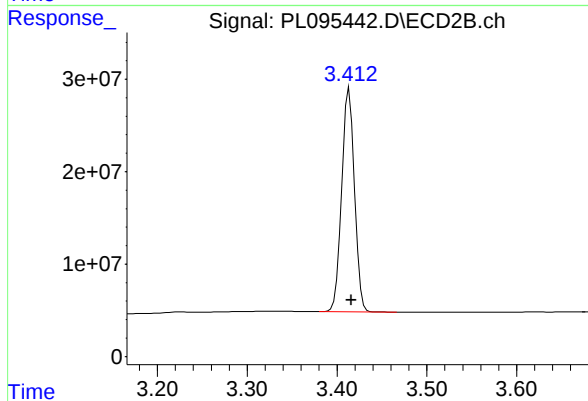
#1 Tetrachloro-m-xylene

R.T.: 2.904 min
Delta R.T.: -0.001 min
Response: 66214118
Conc: 20.82 ng/ml



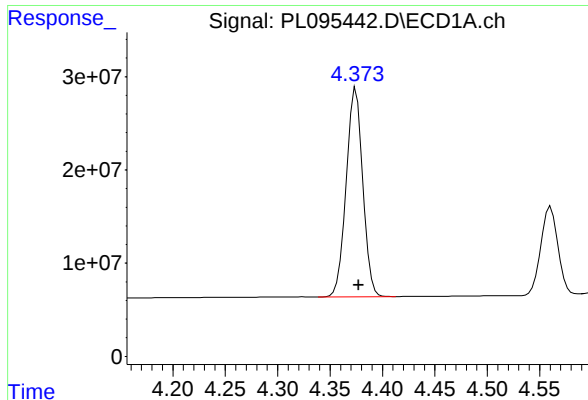
#2 alpha-BHC

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 257378879
Conc: 51.96 ng/ml



#2 alpha-BHC

R.T.: 3.414 min
Delta R.T.: -0.003 min
Response: 238399408
Conc: 53.59 ng/ml



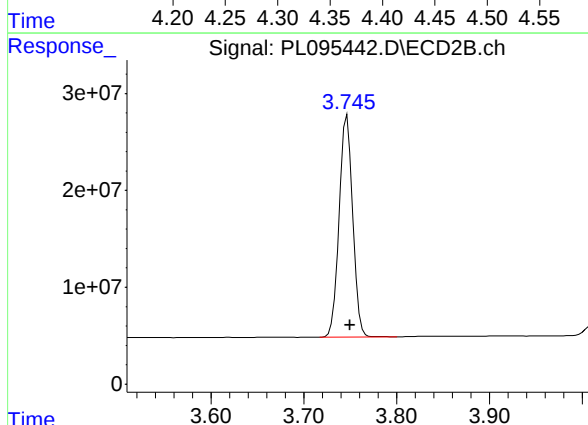
#3 gamma-BHC (Lindane)

R.T.: 4.373 min
Delta R.T.: -0.004 min
Response: 247889763
Conc: 52.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

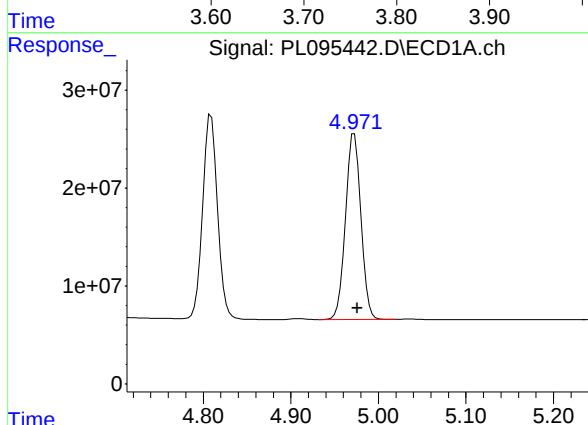
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



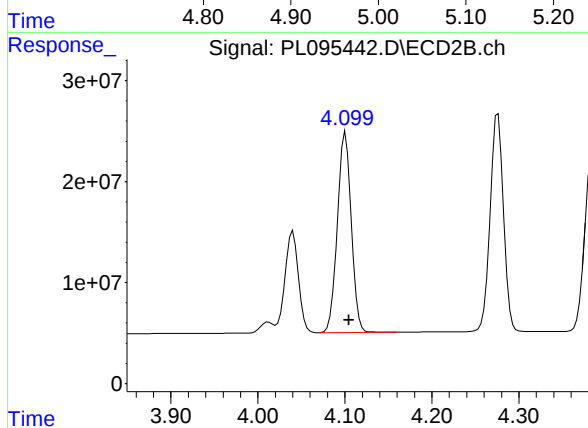
#3 gamma-BHC (Lindane)

R.T.: 3.747 min
Delta R.T.: -0.003 min
Response: 232196492
Conc: 52.79 ng/ml



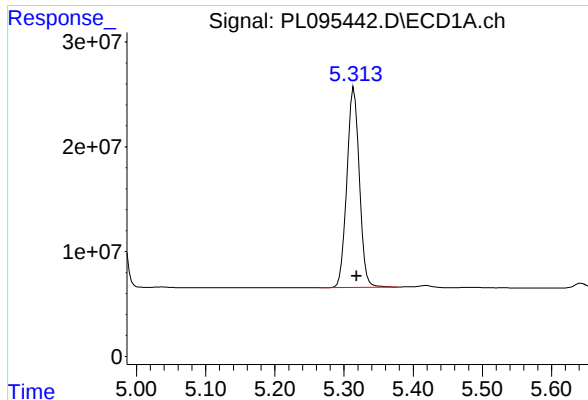
#4 Heptachlor

R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 231660801
Conc: 50.64 ng/ml



#4 Heptachlor

R.T.: 4.101 min
Delta R.T.: -0.004 min
Response: 220487445
Conc: 50.61 ng/ml



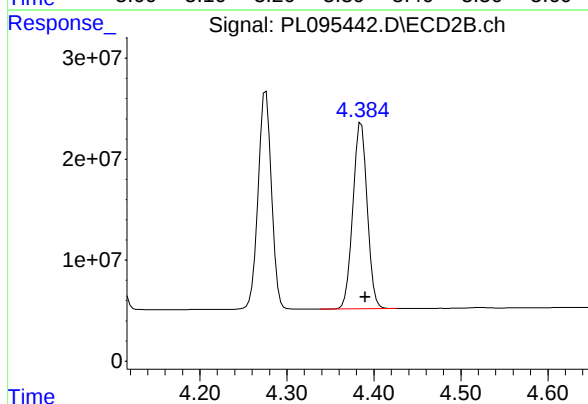
#5 Aldrin

R.T.: 5.314 min
Delta R.T.: -0.004 min
Response: 239369244
Conc: 52.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

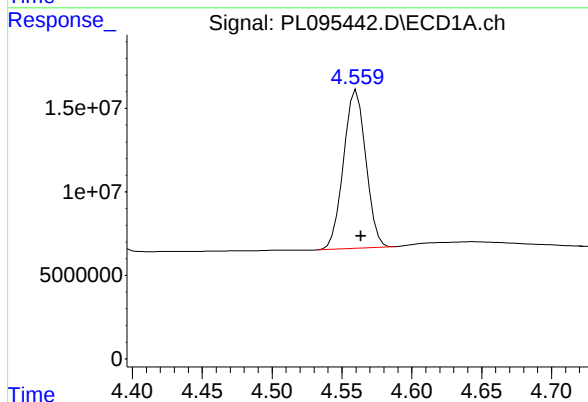
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



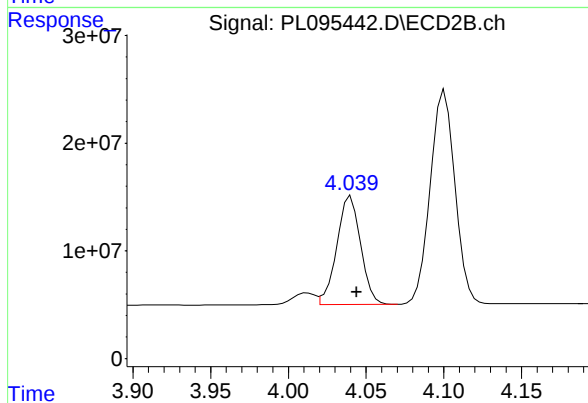
#5 Aldrin

R.T.: 4.386 min
Delta R.T.: -0.004 min
Response: 213086005
Conc: 51.77 ng/ml



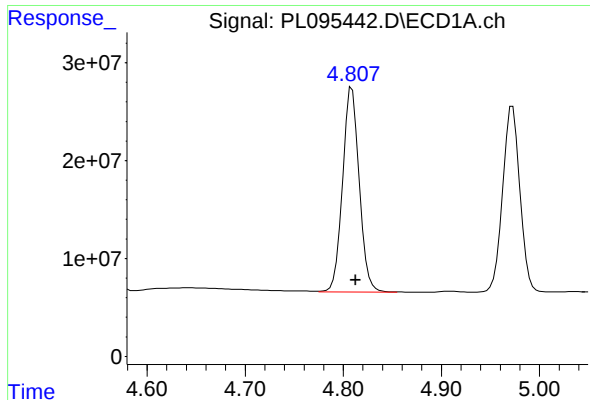
#6 beta-BHC

R.T.: 4.560 min
Delta R.T.: -0.003 min
Response: 105713874
Conc: 51.13 ng/ml



#6 beta-BHC

R.T.: 4.040 min
Delta R.T.: -0.004 min
Response: 107403202
Conc: 51.74 ng/ml



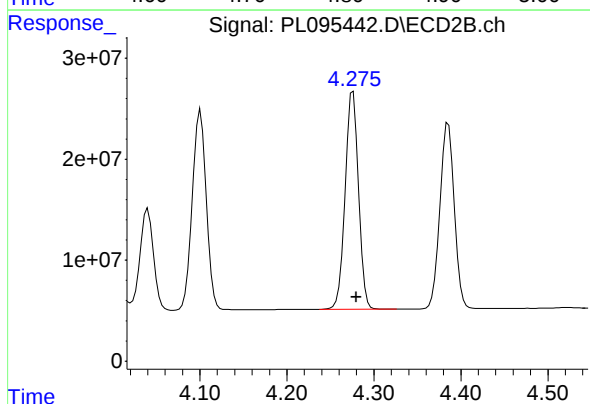
#7 delta-BHC

R.T.: 4.807 min
Delta R.T.: -0.005 min
Response: 246637097
Conc: 53.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

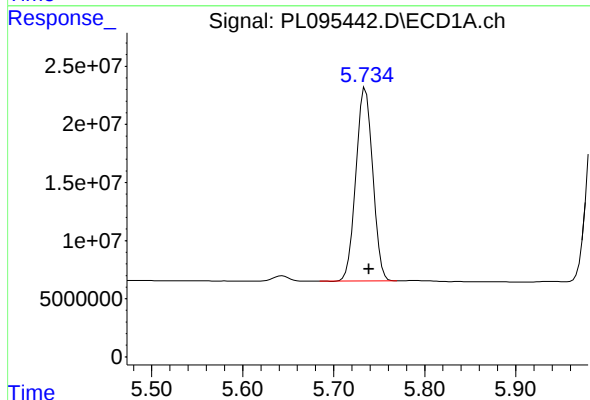
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



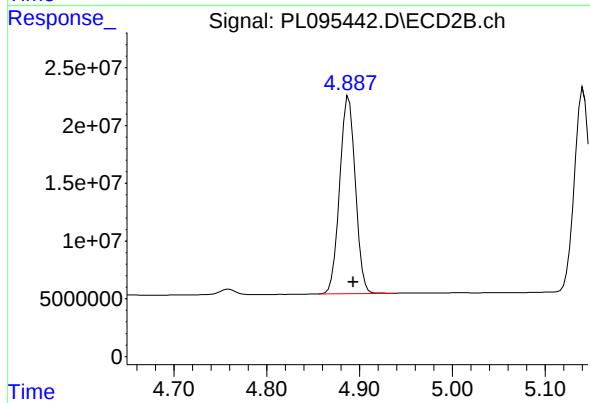
#7 delta-BHC

R.T.: 4.276 min
Delta R.T.: -0.004 min
Response: 232150594
Conc: 52.98 ng/ml



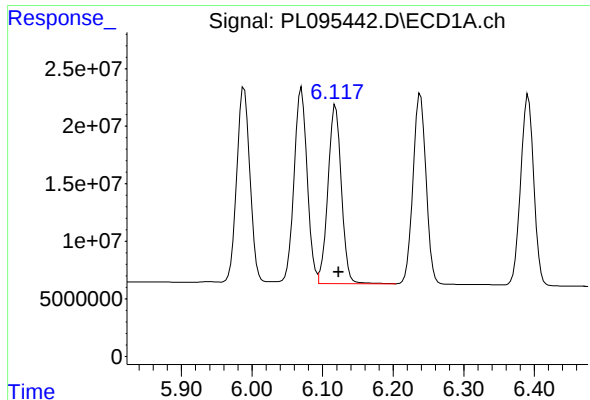
#8 Heptachlor epoxide

R.T.: 5.735 min
Delta R.T.: -0.004 min
Response: 214998835
Conc: 53.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.888 min
Delta R.T.: -0.005 min
Response: 200739473
Conc: 51.97 ng/ml



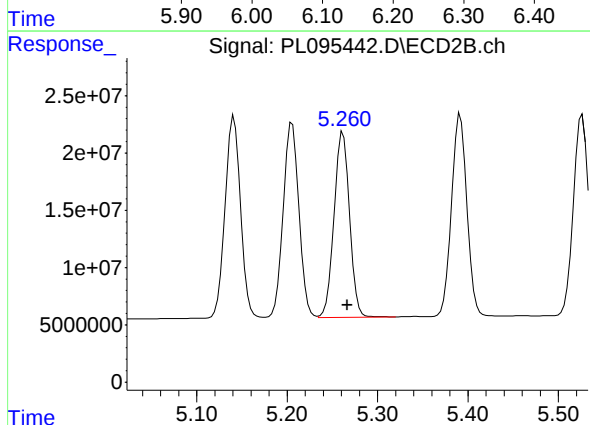
#9 Endosulfan I

R.T.: 6.119 min
Delta R.T.: -0.004 min
Response: 206198191
Conc: 54.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

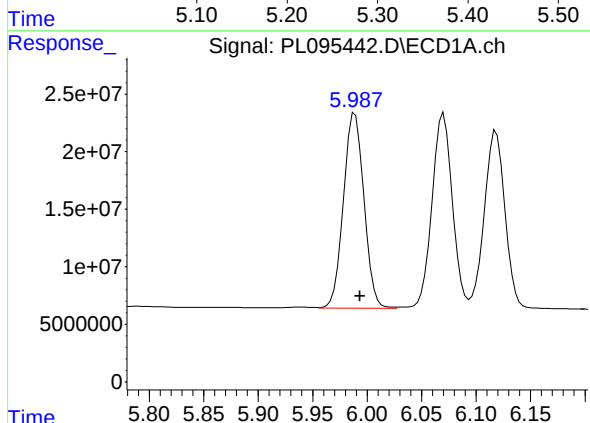
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



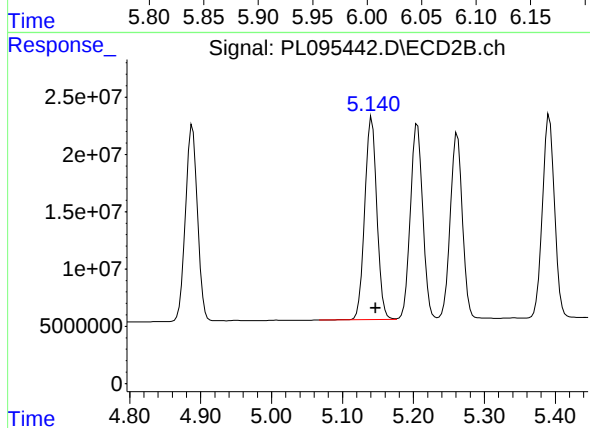
#9 Endosulfan I

R.T.: 5.262 min
Delta R.T.: -0.005 min
Response: 192382261
Conc: 52.56 ng/ml



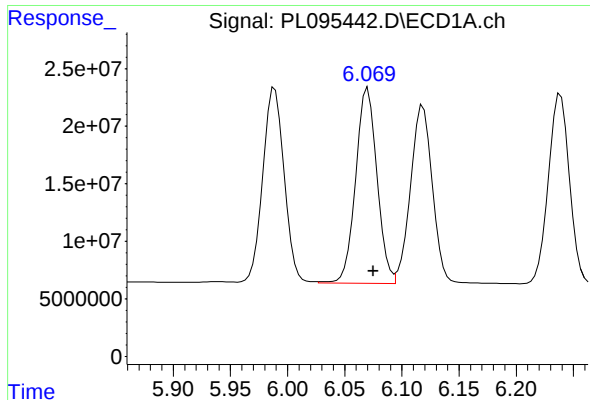
#10 gamma-Chlordane

R.T.: 5.989 min
Delta R.T.: -0.005 min
Response: 222046131
Conc: 54.43 ng/ml



#10 gamma-Chlordane

R.T.: 5.141 min
Delta R.T.: -0.005 min
Response: 209516921
Conc: 51.70 ng/ml



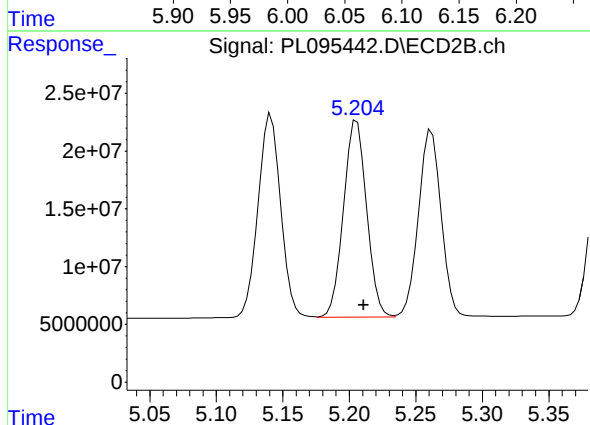
#11 alpha-Chlordane

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 220622387
Conc: 54.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

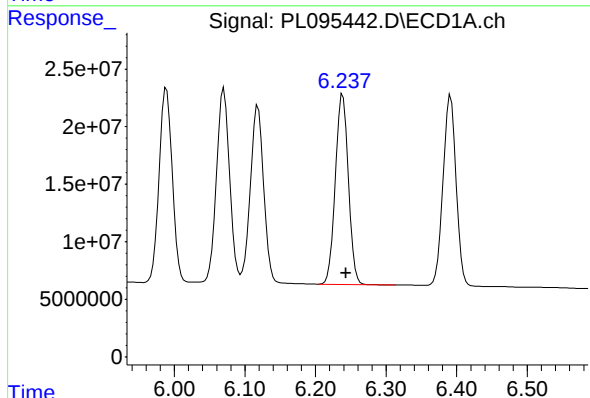
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



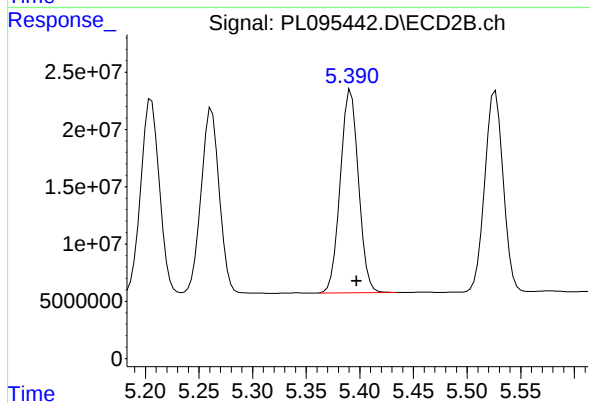
#11 alpha-Chlordane

R.T.: 5.206 min
Delta R.T.: -0.005 min
Response: 206356726
Conc: 51.83 ng/ml



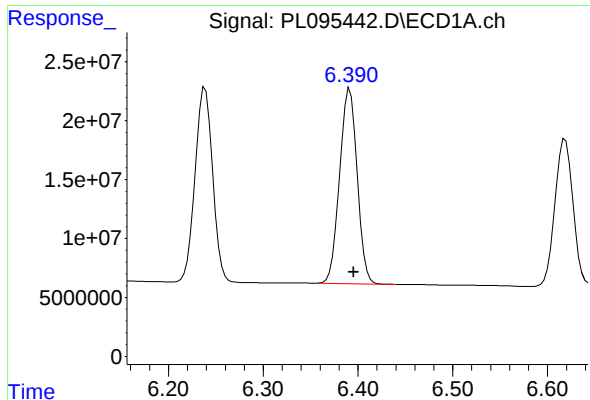
#12 4,4'-DDE

R.T.: 6.239 min
Delta R.T.: -0.004 min
Response: 213568133
Conc: 54.47 ng/ml



#12 4,4'-DDE

R.T.: 5.392 min
Delta R.T.: -0.005 min
Response: 208950665
Conc: 51.38 ng/ml



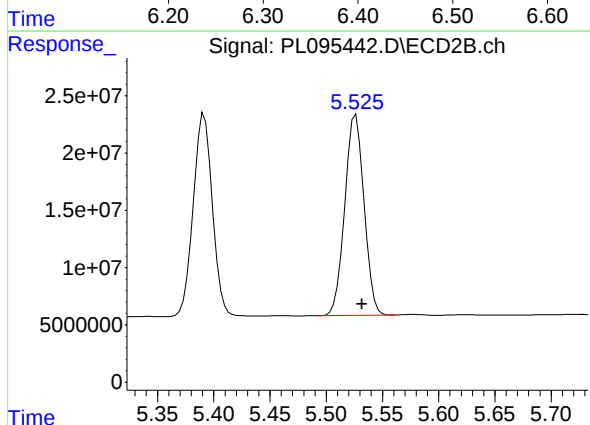
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 212479933
Conc: 55.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

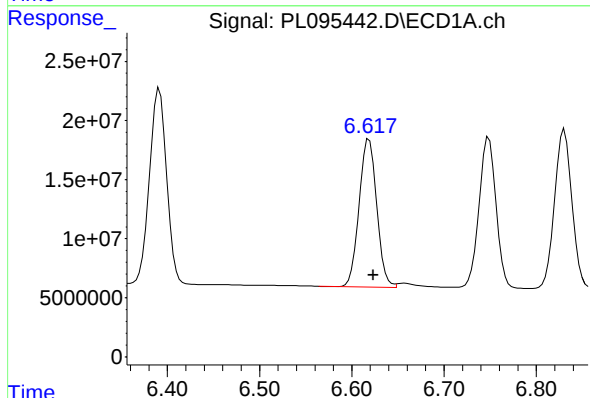
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



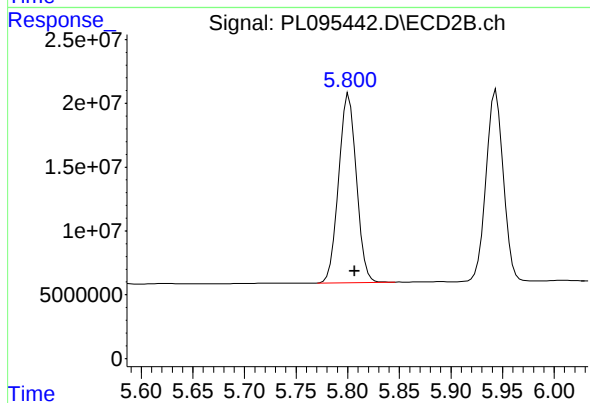
#13 Dieldrin

R.T.: 5.526 min
Delta R.T.: -0.005 min
Response: 209120985
Conc: 51.42 ng/ml



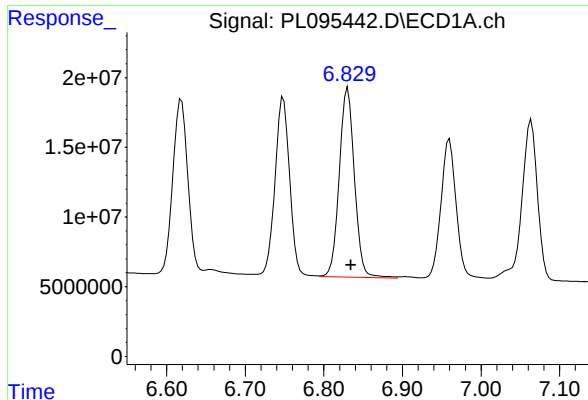
#14 Endrin

R.T.: 6.619 min
Delta R.T.: -0.004 min
Response: 166586501
Conc: 52.31 ng/ml



#14 Endrin

R.T.: 5.801 min
Delta R.T.: -0.006 min
Response: 177005235
Conc: 48.62 ng/ml



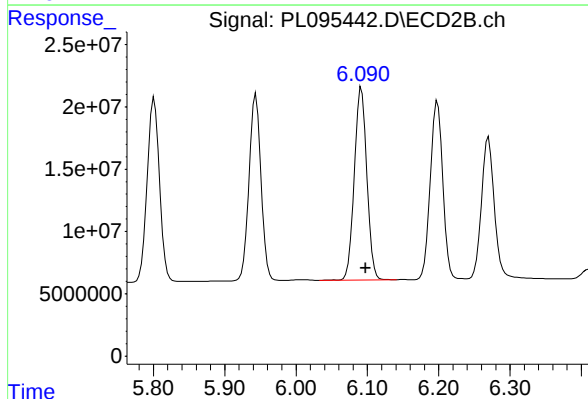
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: -0.004 min
Response: 181808175
Conc: 56.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

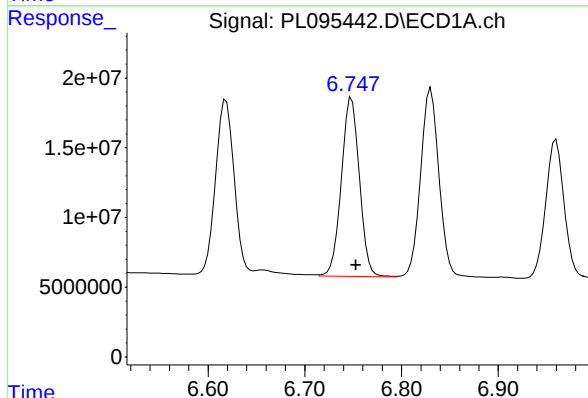
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



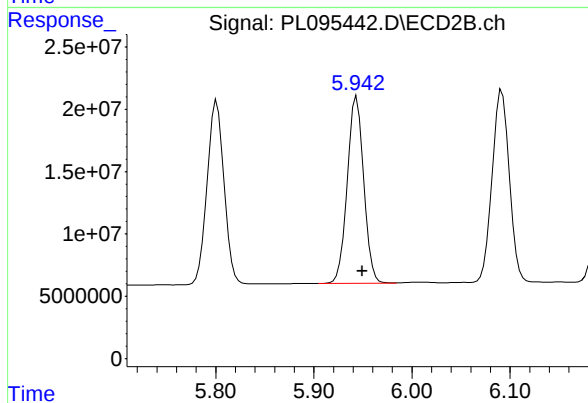
#15 Endosulfan II

R.T.: 6.092 min
Delta R.T.: -0.006 min
Response: 188795863
Conc: 52.57 ng/ml



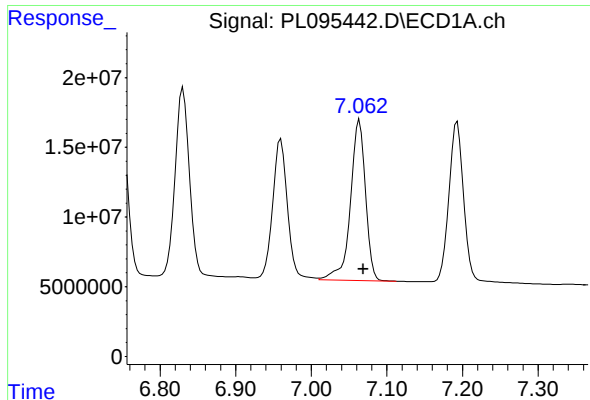
#16 4,4'-DDD

R.T.: 6.749 min
Delta R.T.: -0.004 min
Response: 166203747
Conc: 58.71 ng/ml



#16 4,4'-DDD

R.T.: 5.944 min
Delta R.T.: -0.006 min
Response: 174922118
Conc: 53.55 ng/ml



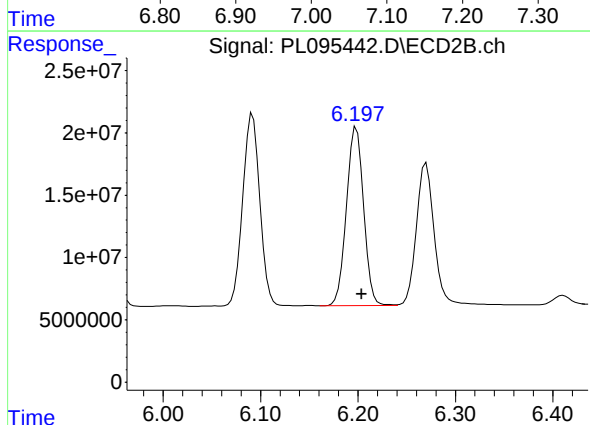
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: -0.005 min
Response: 159873682
Conc: 56.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

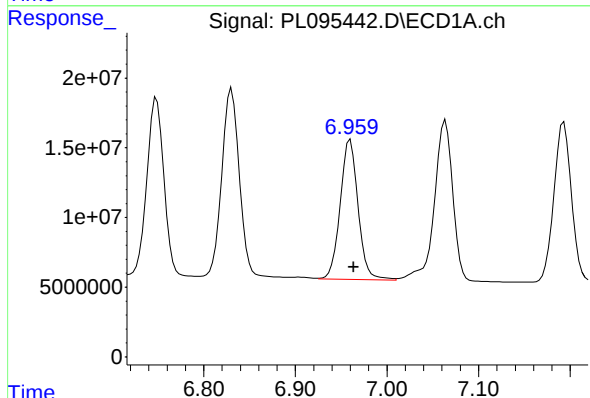
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



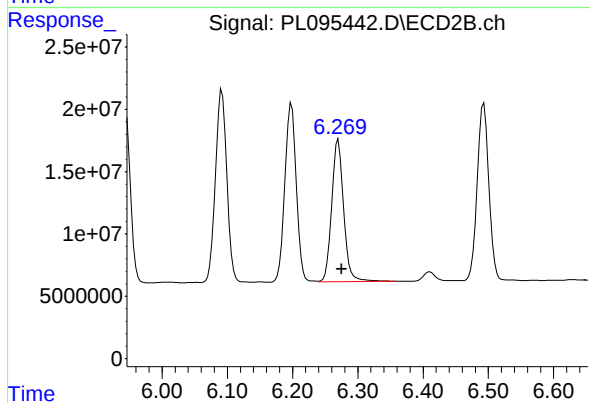
#17 4,4'-DDT

R.T.: 6.198 min
Delta R.T.: -0.005 min
Response: 174826274
Conc: 50.88 ng/ml



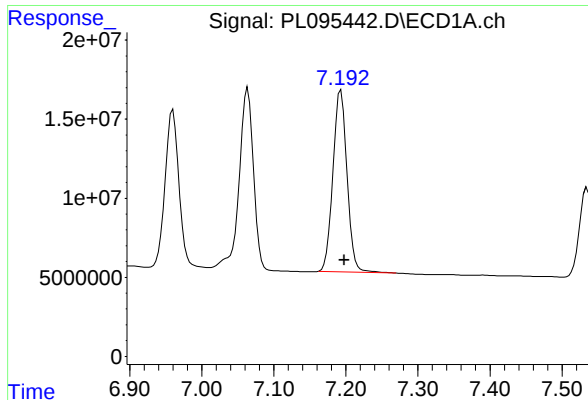
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.004 min
Response: 136513657
Conc: 58.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.270 min
Delta R.T.: -0.005 min
Response: 144491719
Conc: 55.29 ng/ml



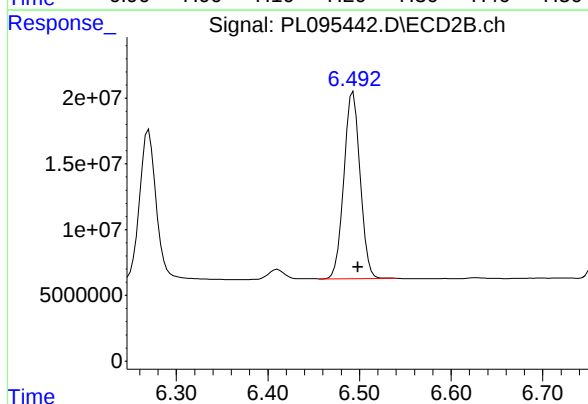
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: -0.005 min
Response: 154730202
Conc: 55.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

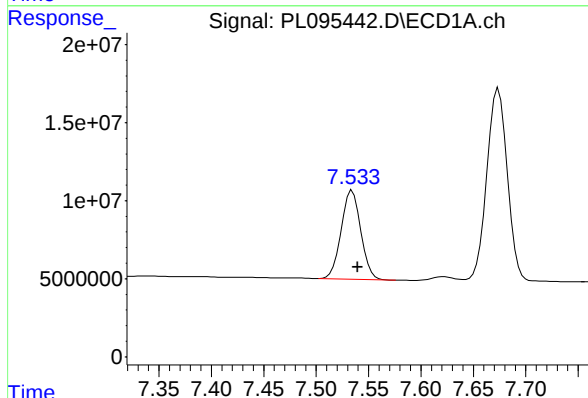
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



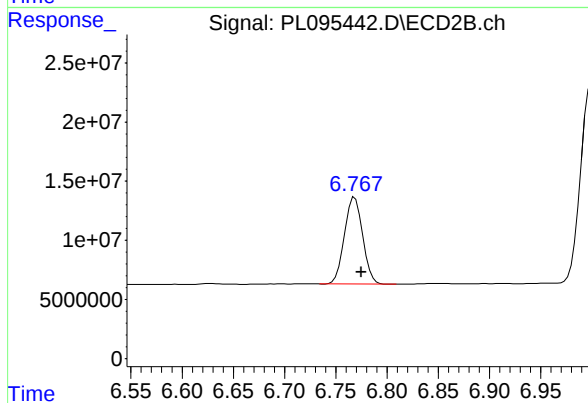
#19 Endosulfan Sulfate

R.T.: 6.493 min
Delta R.T.: -0.005 min
Response: 175690775
Conc: 52.95 ng/ml



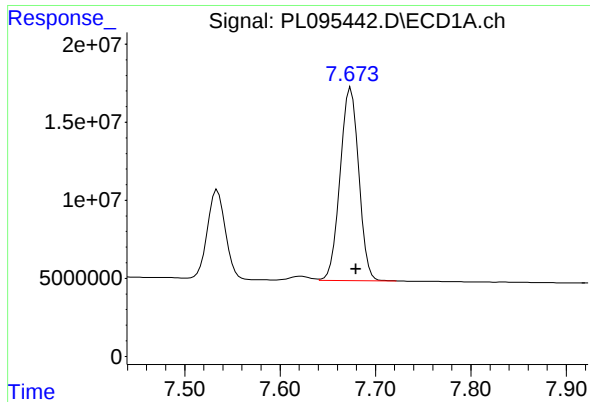
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: -0.005 min
Response: 74241669
Conc: 53.21 ng/ml



#20 Methoxychlor

R.T.: 6.768 min
Delta R.T.: -0.006 min
Response: 90721249
Conc: 47.56 ng/ml



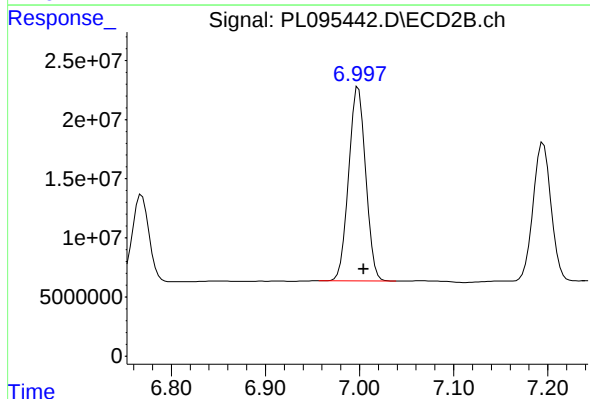
#21 Endrin ketone

R.T.: 7.674 min
Delta R.T.: -0.005 min
Response: 167563426
Conc: 58.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

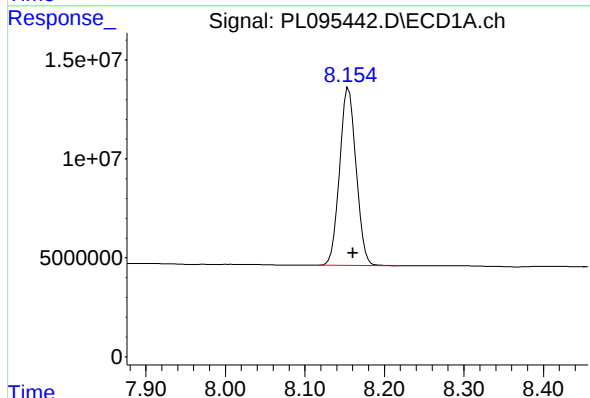
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



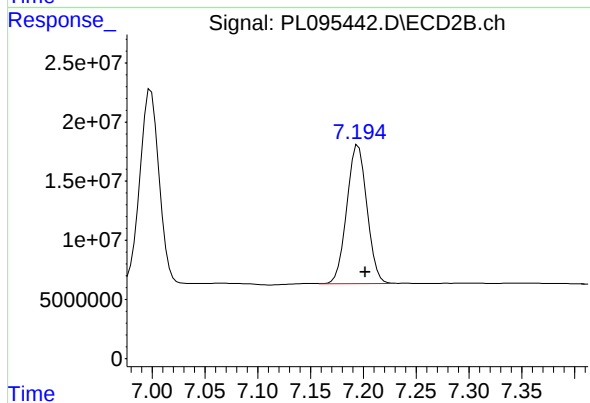
#21 Endrin ketone

R.T.: 6.999 min
Delta R.T.: -0.006 min
Response: 206495278
Conc: 58.64 ng/ml



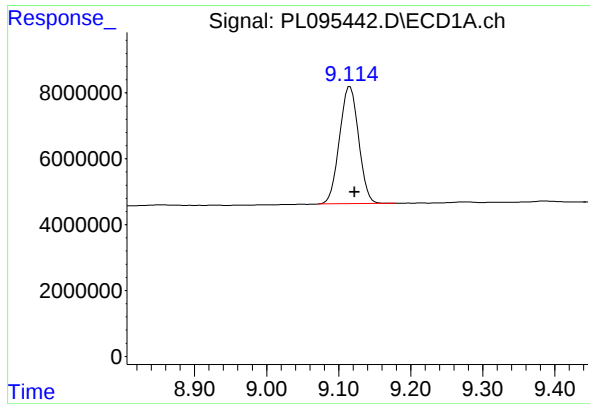
#22 Mirex

R.T.: 8.155 min
Delta R.T.: -0.006 min
Response: 129133243
Conc: 54.35 ng/ml



#22 Mirex

R.T.: 7.194 min
Delta R.T.: -0.008 min
Response: 155595564
Conc: 53.98 ng/ml m



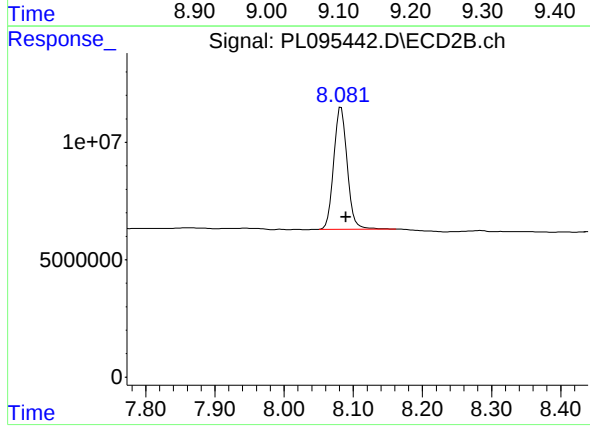
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: -0.007 min
Response: 65376502
Conc: 23.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167766BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.007 min
Response: 70362619
Conc: 23.78 ng/ml