

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050925\
 Data File : PL095604.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2025 10:04
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/12/2025
 Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 23:13:38 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...	3.594	2.913	69934332	78326929	21.422m	24.633
28) SA Decachlor...	9.123	8.093	59037527	68055190	21.307	22.997
Target Compounds						
2) A alpha-BHC	4.046	3.423	48129673	59835412	9.716	13.450 #
3) MA gamma-BHC...	4.376	3.757	47222898	56931689	9.975m	12.944 #
6) B beta-BHC	4.563	4.050	21419293	26879979	10.360	12.949
12) B 4,4'-DDE	6.242	5.404	2095521	811748	0.534m	0.200m#
14) MA Endrin	6.622	5.812	168.1E6	217.9E6	52.793m	59.859
16) A 4,4'-DDD	6.751	5.954	14471998	21706230	5.112m	6.645 #
17) MA 4,4'-DDT	7.068	6.208	286.7E6	385.5E6	100.658	112.177
18) B Endrin al...	6.962	6.280	1491802	3326912	0.643m	1.273m#
20) A Methoxychlor	7.540	6.777	318.3E6	447.5E6	228.183	234.593m
21) B Endrin ke...	7.679	7.010	5457550	14185725	1.914	4.029 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050925\
Data File : PL095604.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2025 10:04
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

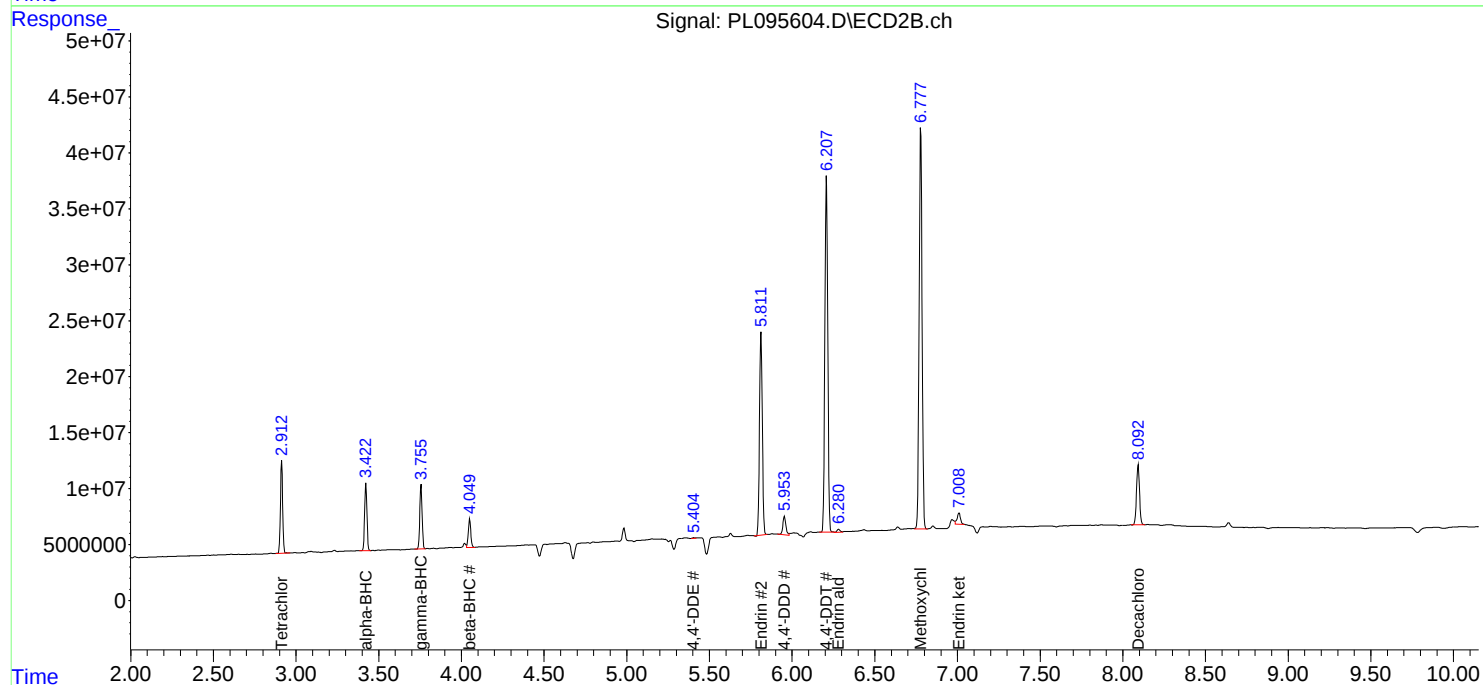
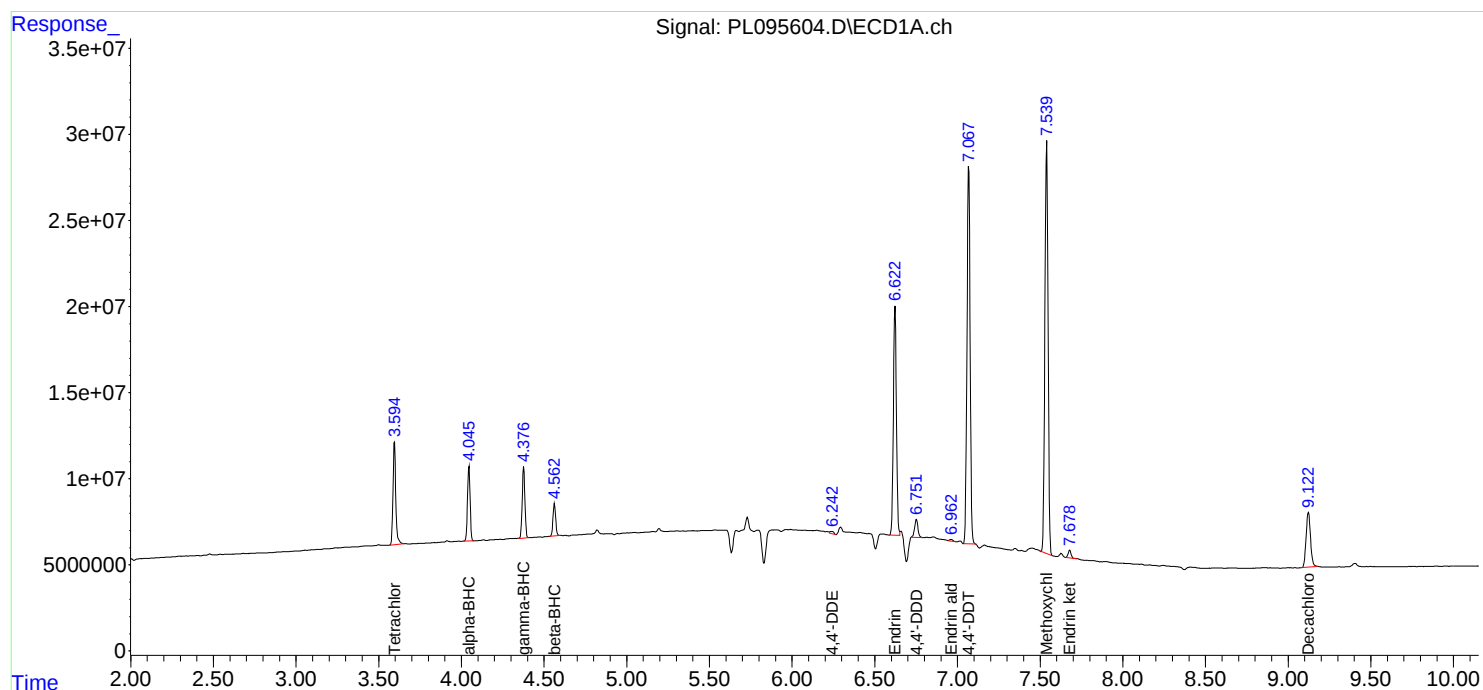
Instrument :
ECD_L
ClientSampleId :
PEM

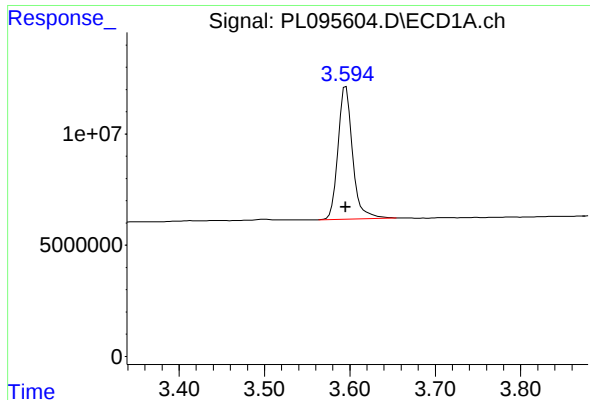
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/12/2025
Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 09 23:13:38 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





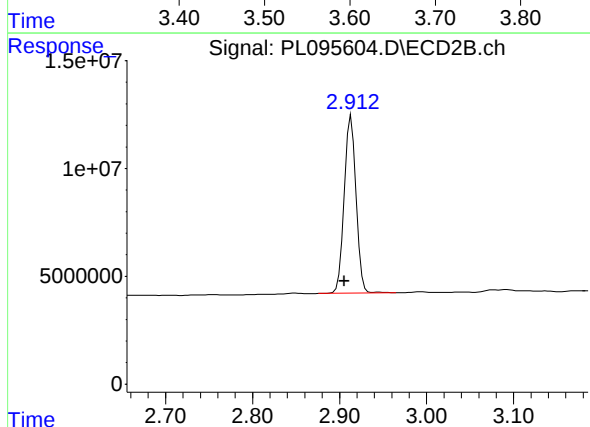
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 69934332
Conc: 21.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

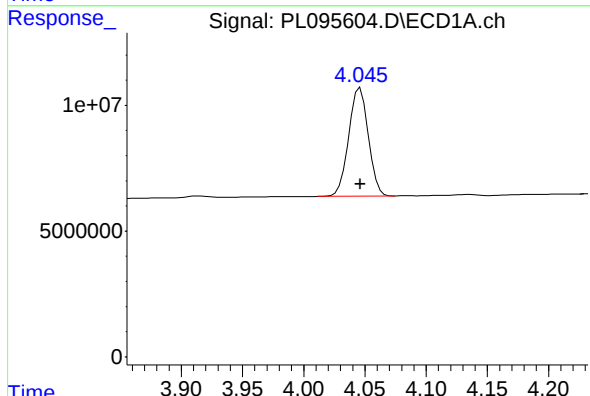
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2025
Supervised By :mohammad ahmed 05/14/2025



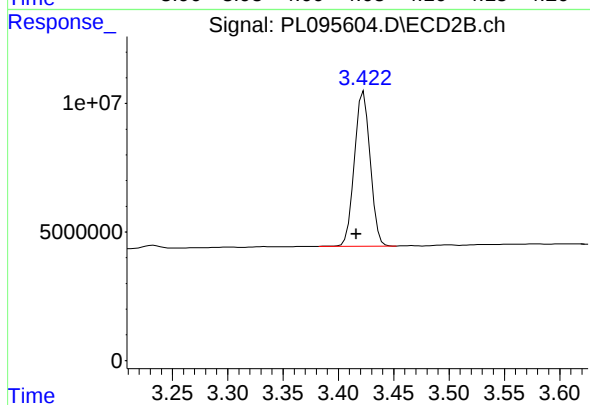
#1 Tetrachloro-m-xylene

R.T.: 2.913 min
Delta R.T.: 0.008 min
Response: 78326929
Conc: 24.63 ng/ml



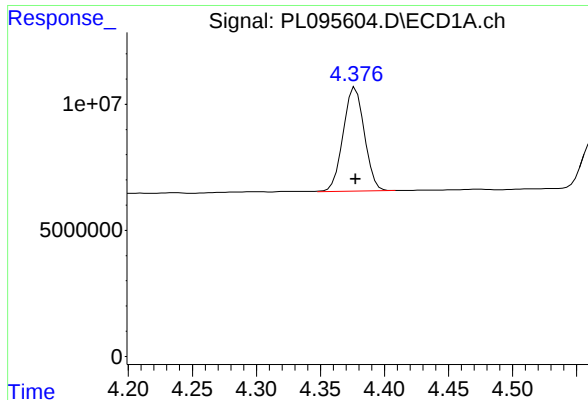
#2 alpha-BHC

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 48129673
Conc: 9.72 ng/ml



#2 alpha-BHC

R.T.: 3.423 min
Delta R.T.: 0.007 min
Response: 59835412
Conc: 13.45 ng/ml



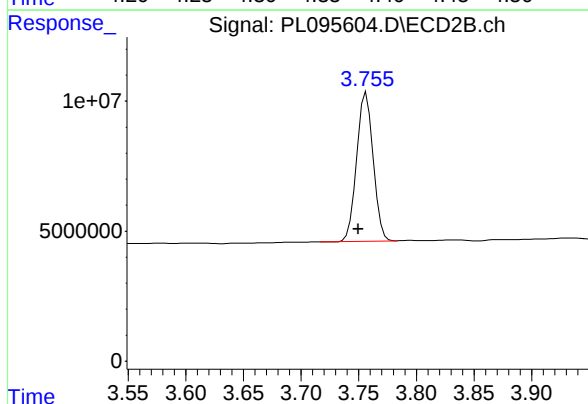
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 47222898
Conc: 9.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

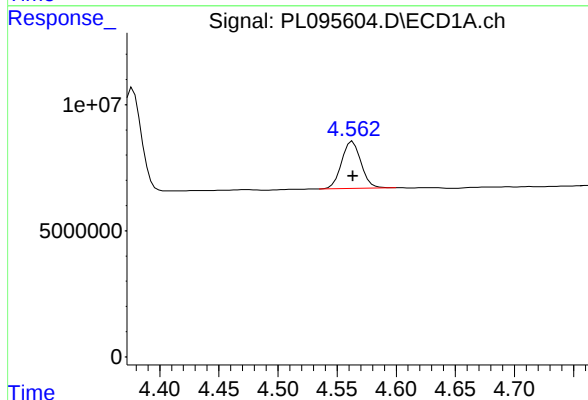
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2025
Supervised By :mohammad ahmed 05/14/2025



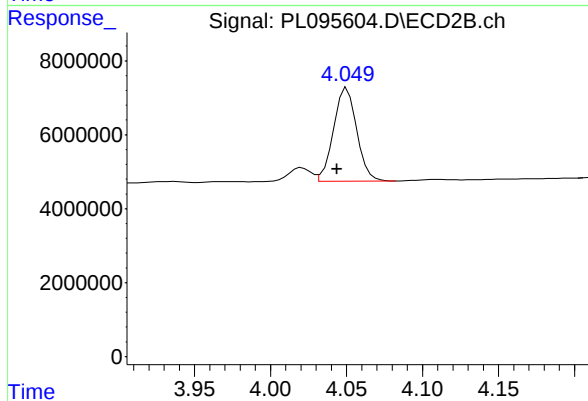
#3 gamma-BHC (Lindane)

R.T.: 3.757 min
Delta R.T.: 0.007 min
Response: 56931689
Conc: 12.94 ng/ml



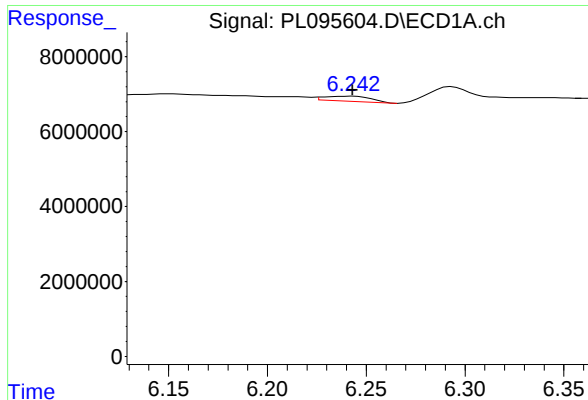
#6 beta-BHC

R.T.: 4.563 min
Delta R.T.: 0.000 min
Response: 21419293
Conc: 10.36 ng/ml



#6 beta-BHC

R.T.: 4.050 min
Delta R.T.: 0.007 min
Response: 26879979
Conc: 12.95 ng/ml



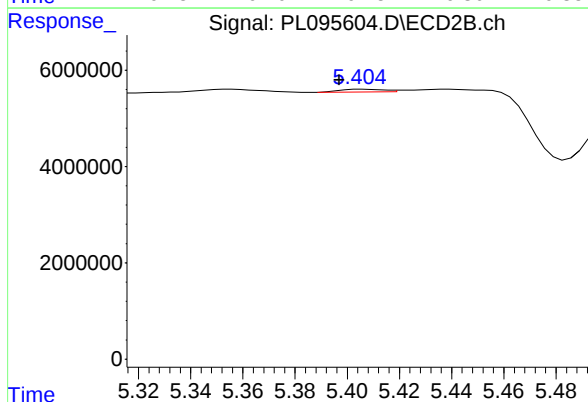
#12 4,4'-DDE

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 2095521
Conc: 0.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

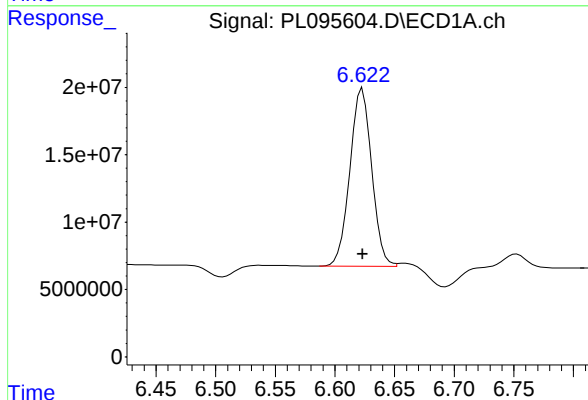
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2025
Supervised By :mohammad ahmed 05/14/2025



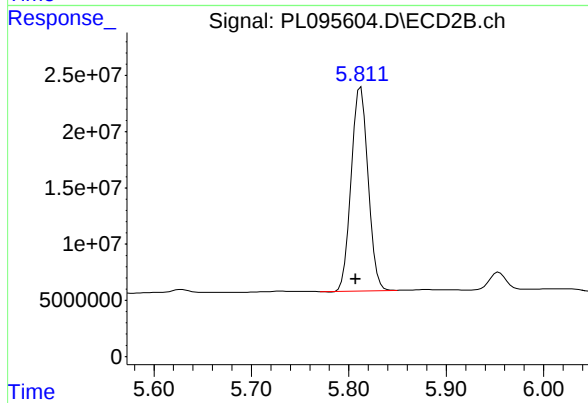
#12 4,4'-DDE

R.T.: 5.404 min
Delta R.T.: 0.007 min
Response: 811748
Conc: 0.20 ng/ml m



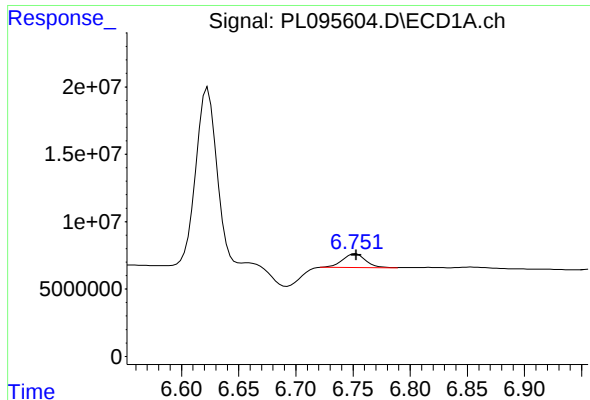
#14 Endrin

R.T.: 6.622 min
Delta R.T.: -0.001 min
Response: 168133488
Conc: 52.79 ng/ml m



#14 Endrin

R.T.: 5.812 min
Delta R.T.: 0.006 min
Response: 217929175
Conc: 59.86 ng/ml



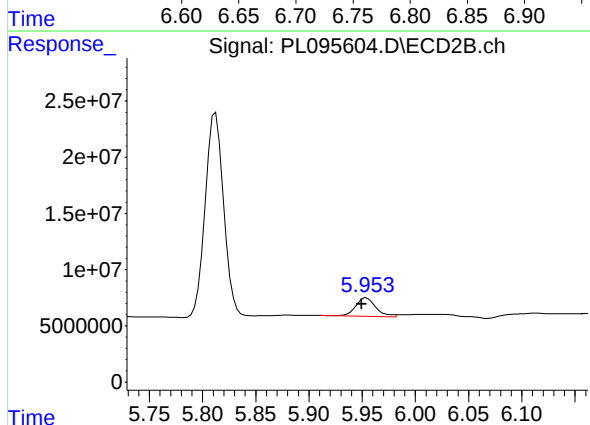
#16 4,4'-DDD

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 14471998
Conc: 5.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

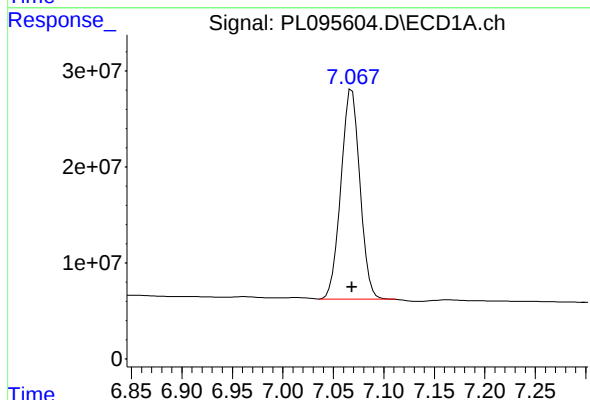
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2025
Supervised By :mohammad ahmed 05/14/2025



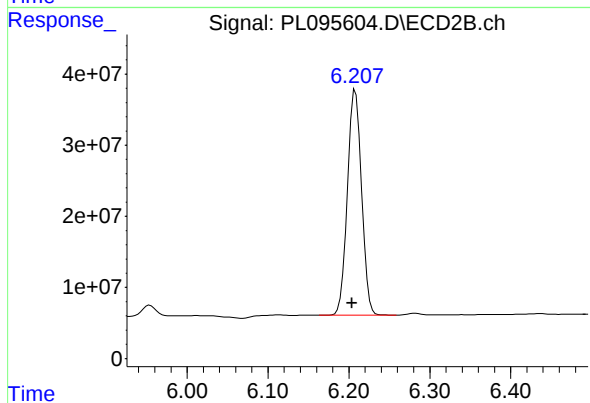
#16 4,4'-DDD

R.T.: 5.954 min
Delta R.T.: 0.005 min
Response: 21706230
Conc: 6.64 ng/ml



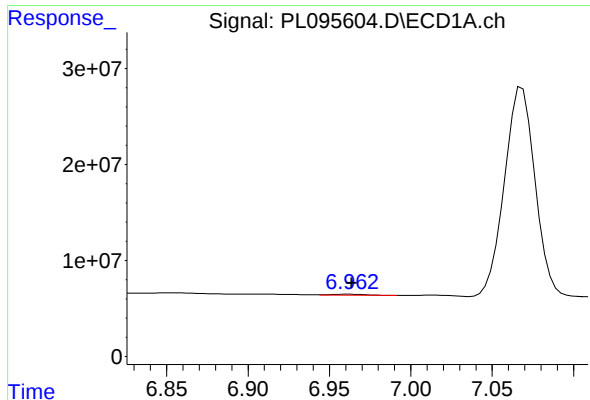
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 286731382
Conc: 100.66 ng/ml



#17 4,4'-DDT

R.T.: 6.208 min
Delta R.T.: 0.004 min
Response: 385458797
Conc: 112.18 ng/ml



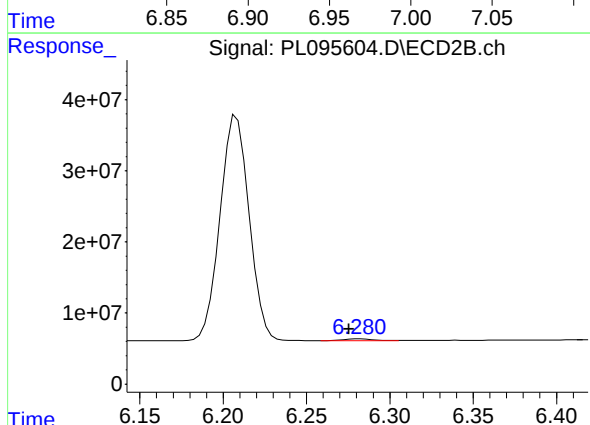
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: -0.002 min
Response: 1491802
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

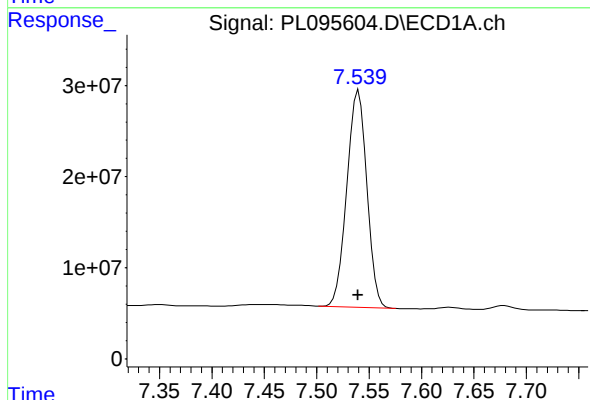
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2025
Supervised By :mohammad ahmed 05/14/2025



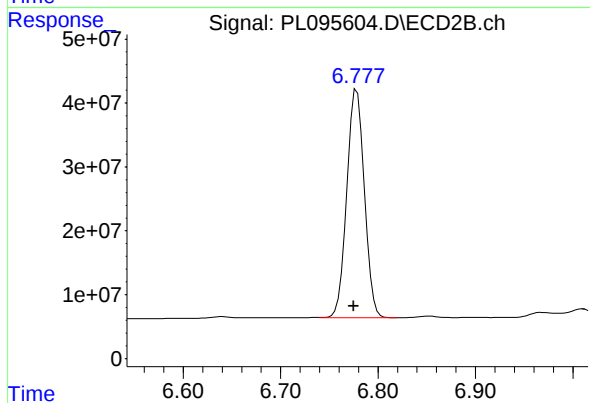
#18 Endrin aldehyde

R.T.: 6.280 min
Delta R.T.: 0.005 min
Response: 3326912
Conc: 1.27 ng/ml



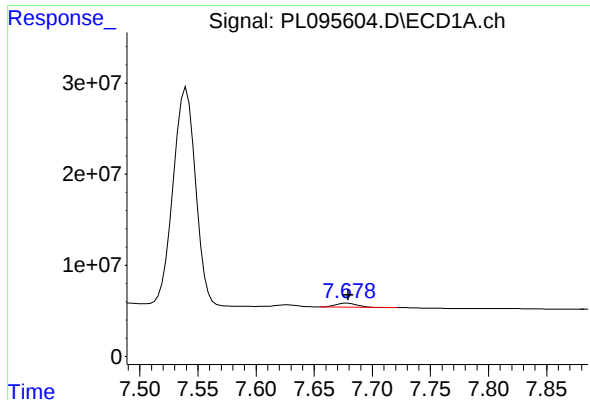
#20 Methoxychlor

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 318344835
Conc: 228.18 ng/ml



#20 Methoxychlor

R.T.: 6.777 min
Delta R.T.: 0.002 min
Response: 447469630
Conc: 234.59 ng/ml



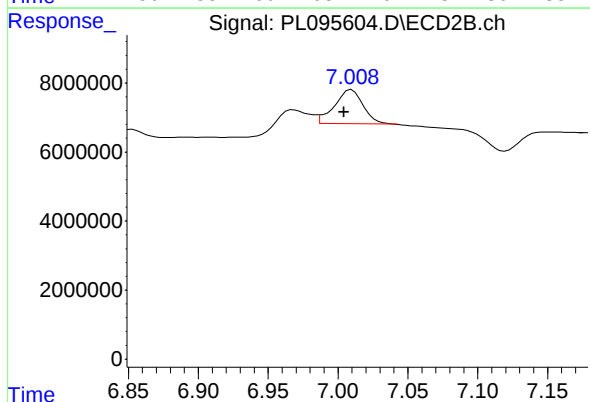
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 5457550
Conc: 1.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

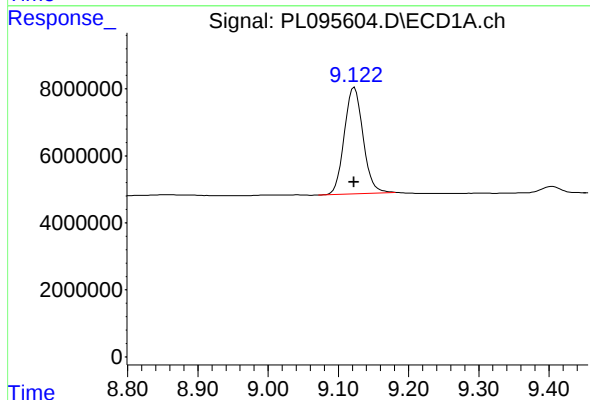
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2025
Supervised By :mohammad ahmed 05/14/2025



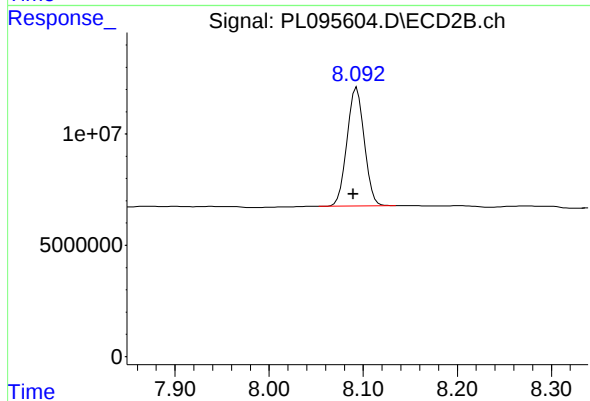
#21 Endrin ketone

R.T.: 7.010 min
Delta R.T.: 0.005 min
Response: 14185725
Conc: 4.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: 0.000 min
Response: 59037527
Conc: 21.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.093 min
Delta R.T.: 0.004 min
Response: 68055190
Conc: 23.00 ng/ml