

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040725\
 Data File : PL095072.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2025 19:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/08/2025
 Supervised By :mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 02:22:08 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...	3.535	2.769	64867885	84813995	22.916	23.762
28)	SA Decachlor...	9.051	7.899	53677327	93842558	25.470	23.232m
Target Compounds							
2)	A alpha-BHC	3.991	3.270	49537258	61933747	11.930	11.488
3)	MA gamma-BHC...	4.323	3.599	48221469	58925750	12.085	11.465
6)	B beta-BHC	4.523	3.899	22364009	27822376	12.120	12.525m
12)	B 4,4'-DDE	6.184	5.221	738994	1101610	0.251m	0.237m
14)	MA Endrin	6.571	5.628	134.6E6	225.4E6	48.570	51.661
16)	A 4,4'-DDD	6.707	5.776	14905066	19870780	6.881	5.526
17)	MA 4,4'-DDT	7.021	6.026	253.2E6	461.0E6	106.470	114.329
18)	B Endrin al...	6.920	6.102	6588262	9861472	3.121	2.930
20)	A Methoxychlor	7.498	6.601	306.4E6	566.6E6	255.947	267.114
21)	B Endrin ke...	7.641	6.828	13872346	26277847	5.248	5.506m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040725\
Data File : PL095072.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Apr 2025 19:41
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

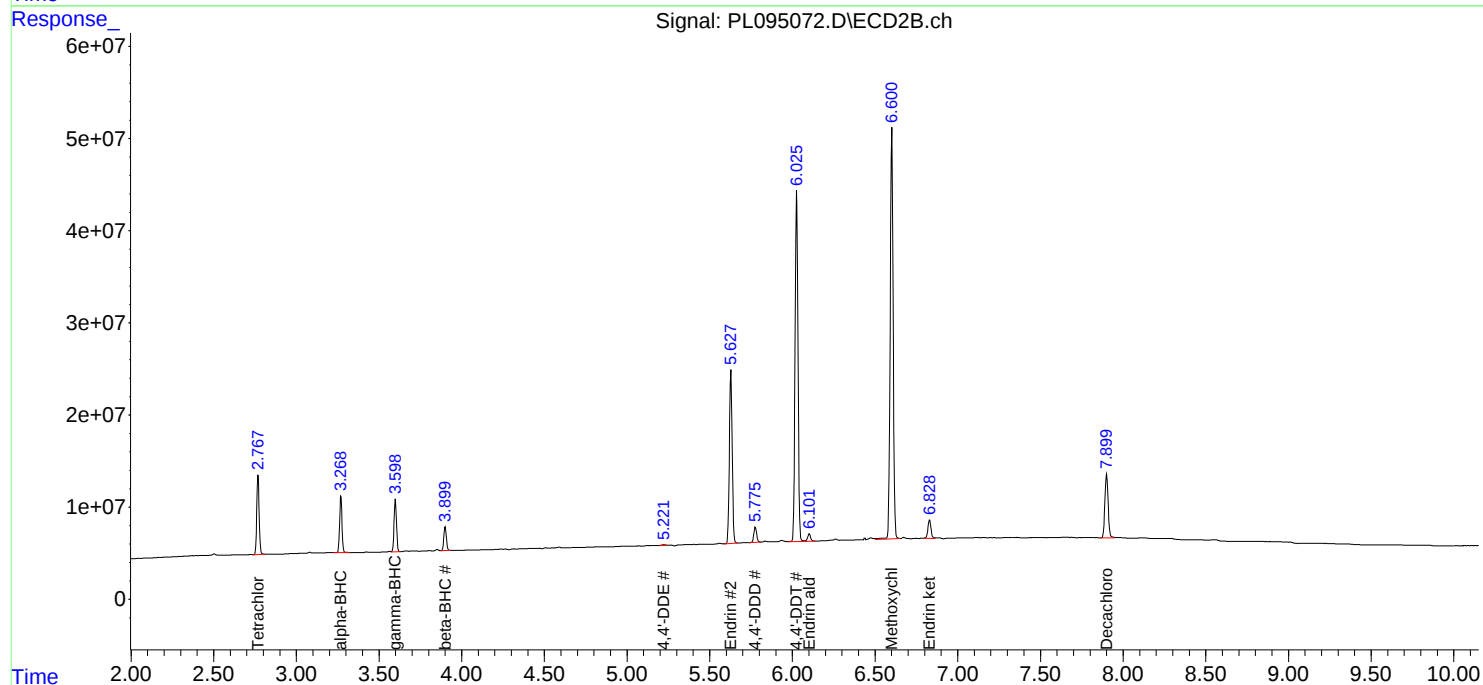
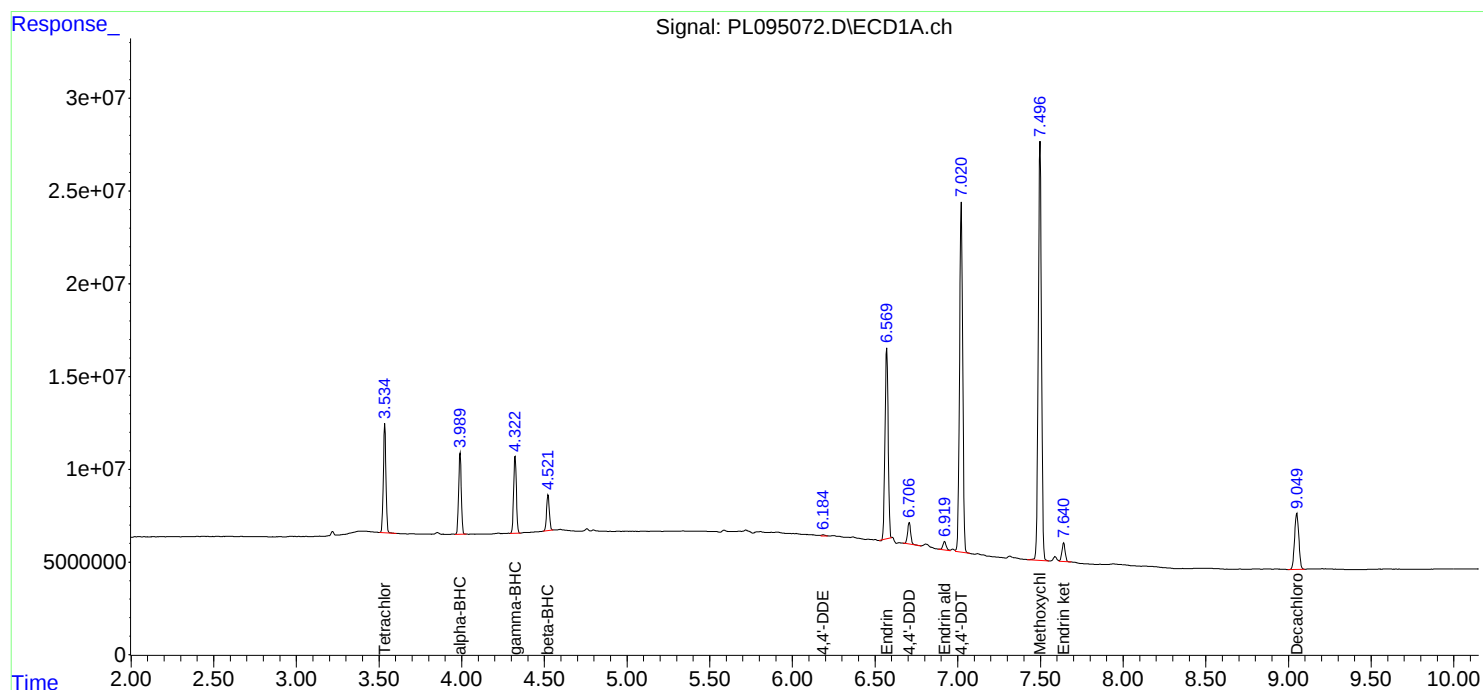
Instrument :
ECD_L
ClientSampleId :
PEM

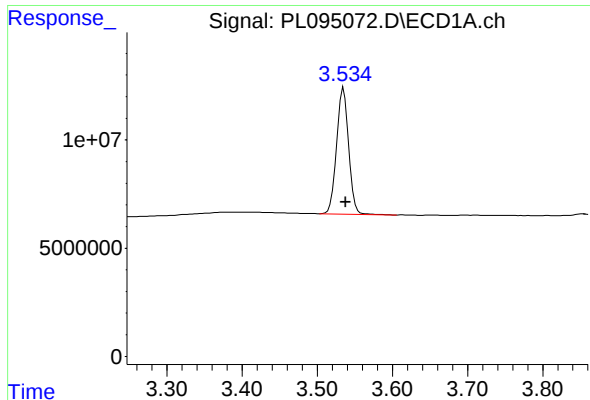
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 04/08/2025
Supervised By : mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 08 02:22:08 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





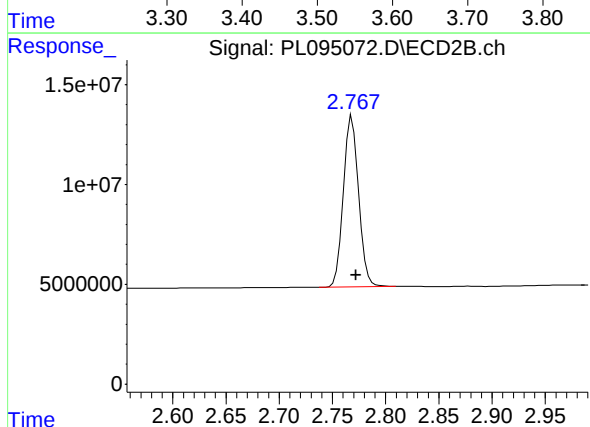
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 64867885
Conc: 22.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

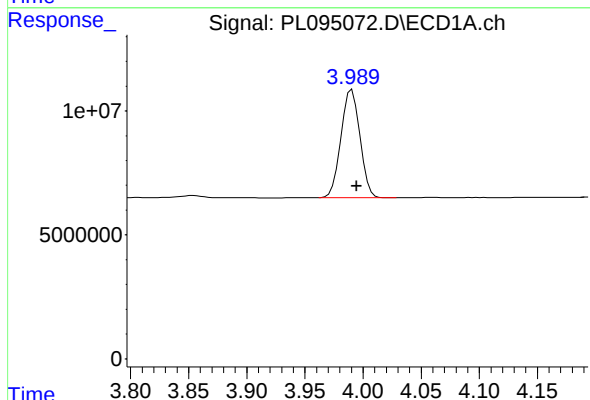
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



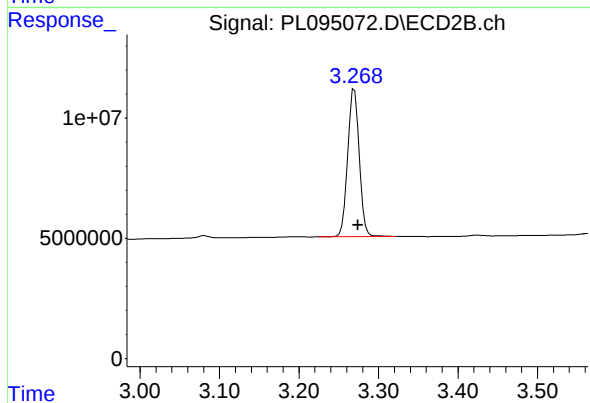
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 84813995
Conc: 23.76 ng/ml



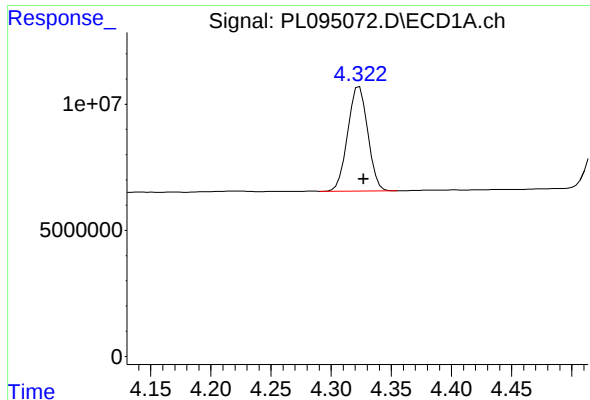
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.004 min
Response: 49537258
Conc: 11.93 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.005 min
Response: 61933747
Conc: 11.49 ng/ml



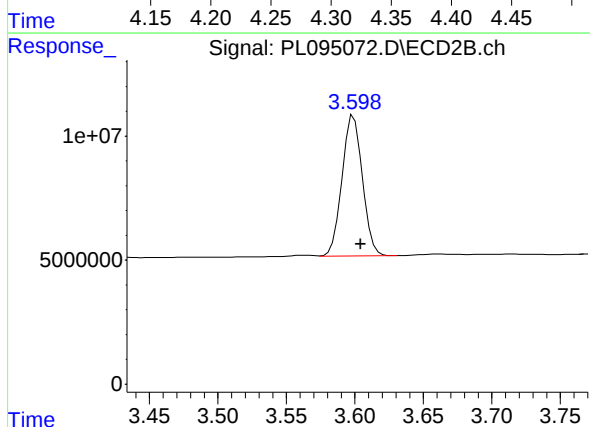
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.003 min
Response: 48221469
Conc: 12.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

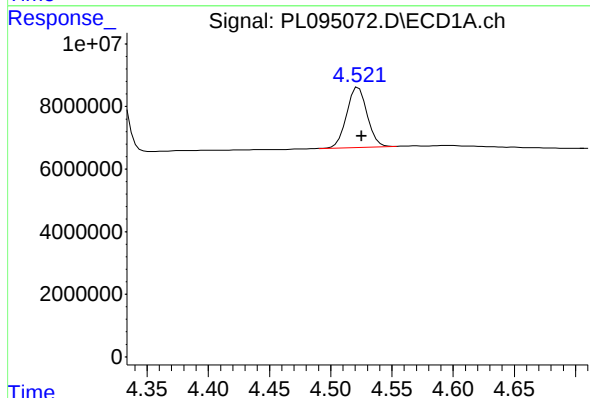
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



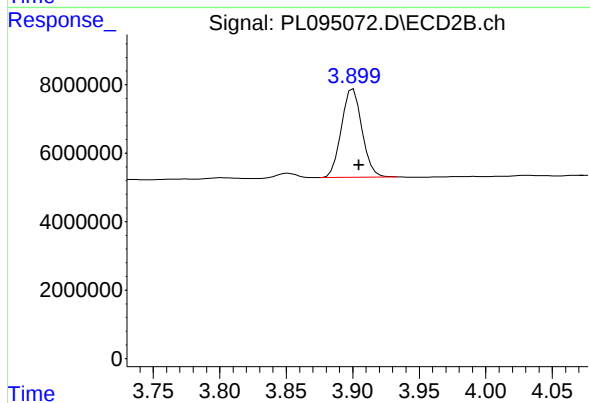
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.005 min
Response: 58925750
Conc: 11.47 ng/ml



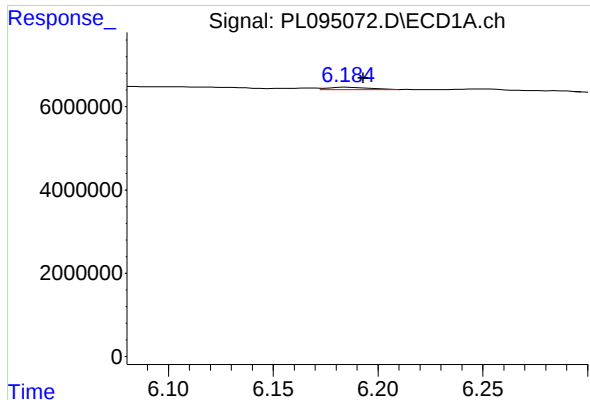
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 22364009
Conc: 12.12 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.006 min
Response: 27822376
Conc: 12.53 ng/ml m



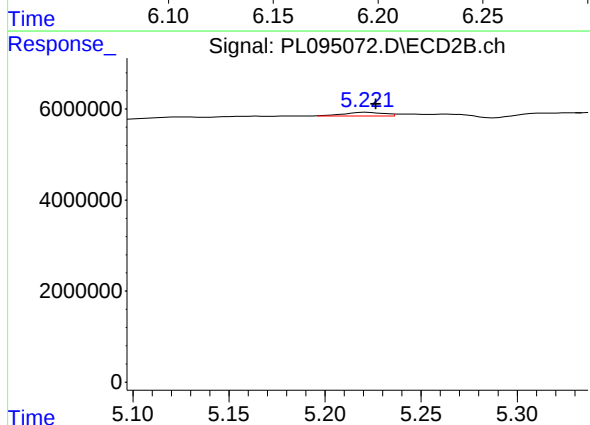
#12 4,4'-DDE

R.T.: 6.184 min
Delta R.T.: -0.009 min
Response: 738994
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

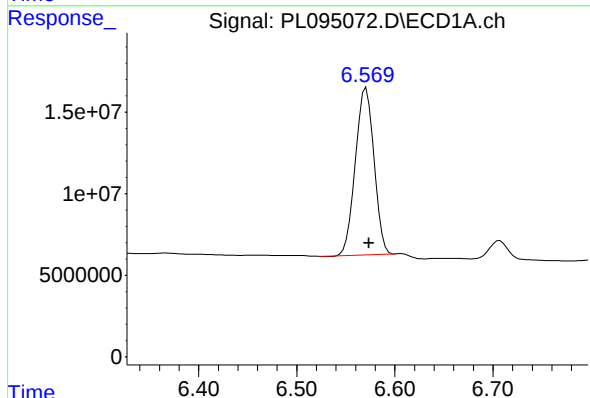
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



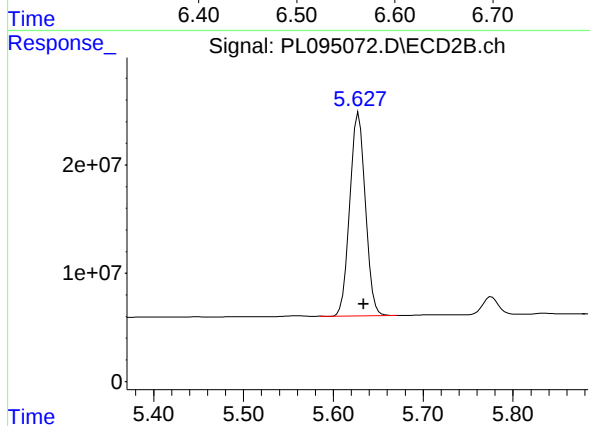
#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.006 min
Response: 1101610
Conc: 0.24 ng/ml



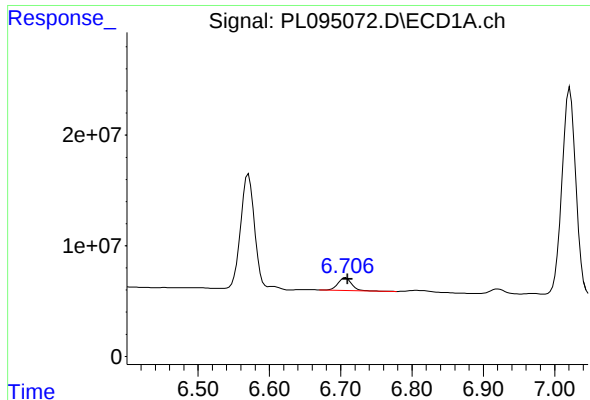
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 134639956
Conc: 48.57 ng/ml



#14 Endrin

R.T.: 5.628 min
Delta R.T.: -0.005 min
Response: 225431243
Conc: 51.66 ng/ml



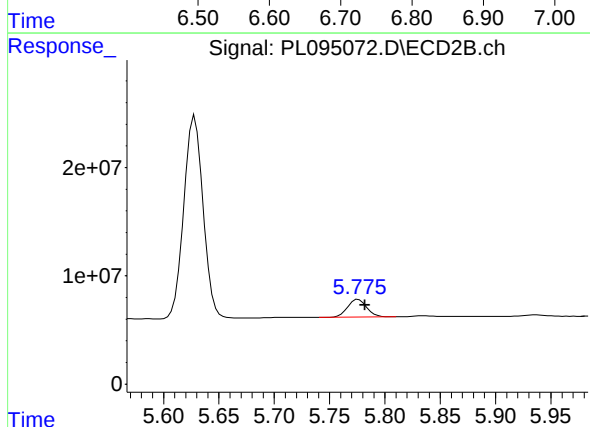
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 14905066
Conc: 6.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

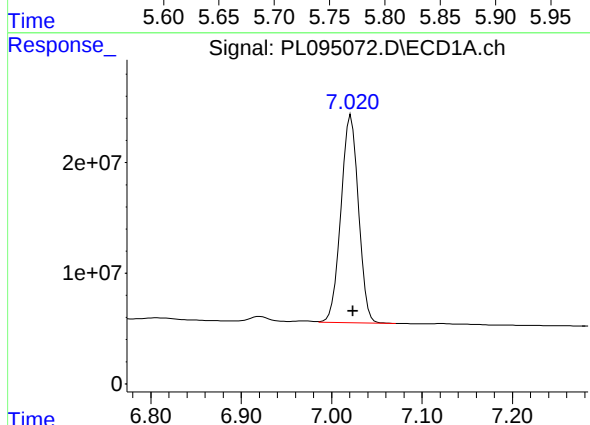
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



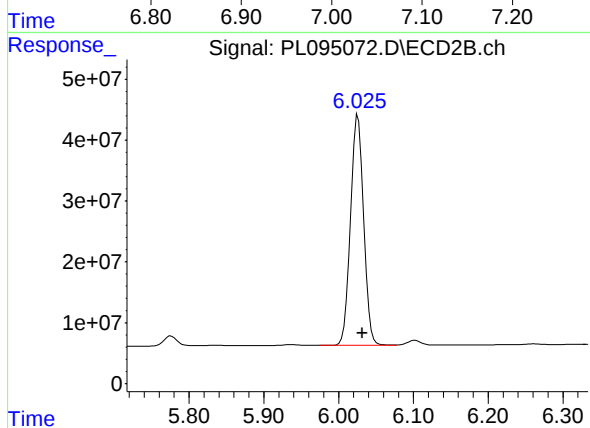
#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 19870780
Conc: 5.53 ng/ml



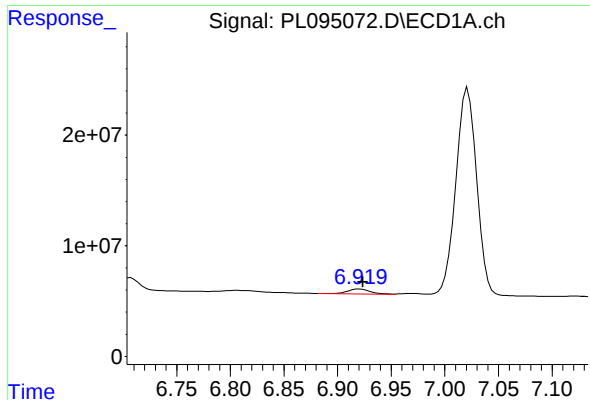
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 253242787
Conc: 106.47 ng/ml



#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 460988300
Conc: 114.33 ng/ml



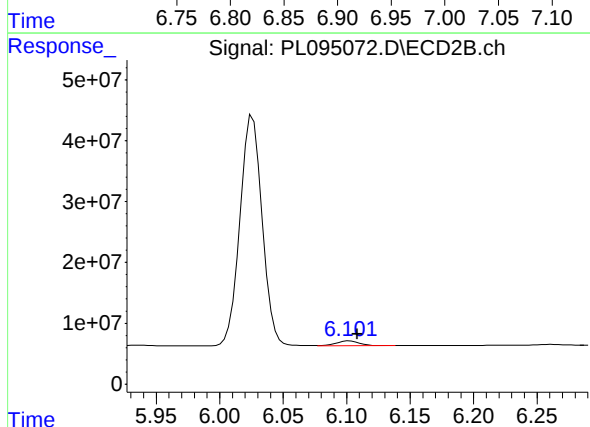
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.003 min
Response: 6588262
Conc: 3.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

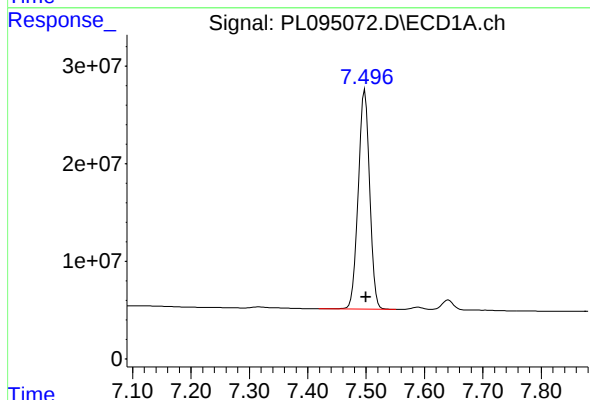
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



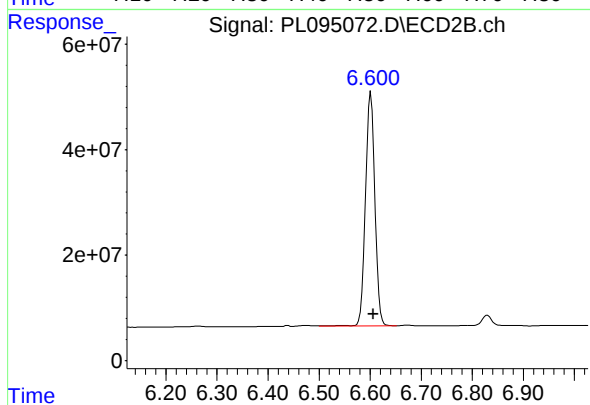
#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: -0.006 min
Response: 9861472
Conc: 2.93 ng/ml



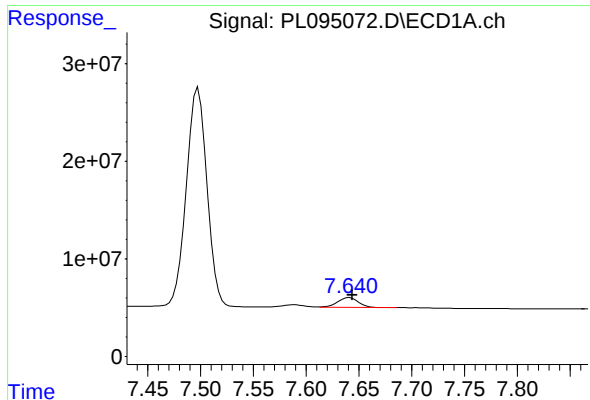
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 306387328
Conc: 255.95 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.005 min
Response: 566567038
Conc: 267.11 ng/ml



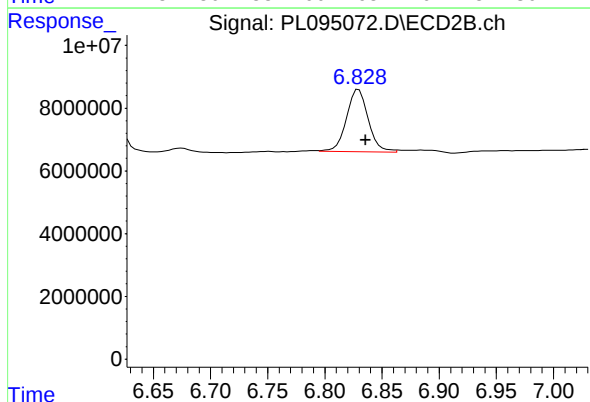
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 13872346
Conc: 5.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

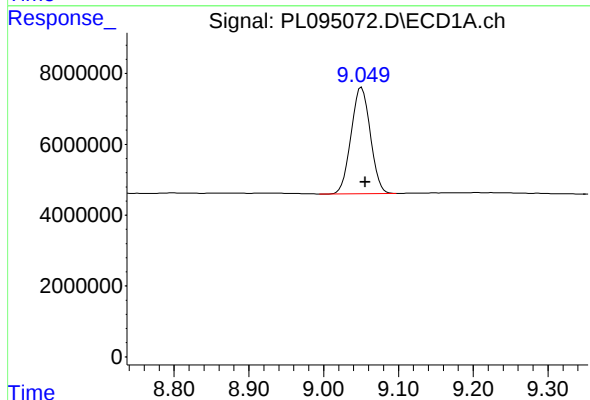
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



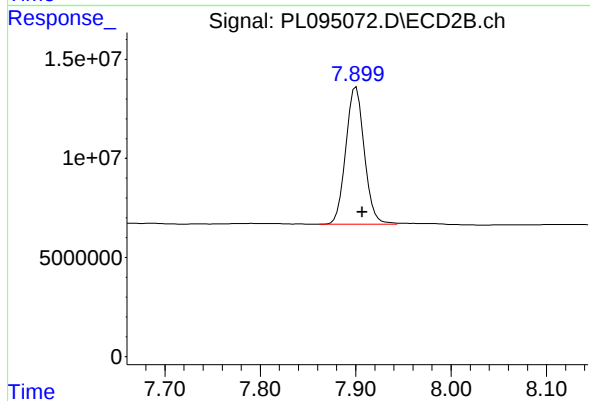
#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: -0.008 min
Response: 26277847
Conc: 5.51 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.005 min
Response: 53677327
Conc: 25.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: -0.008 min
Response: 93842558
Conc: 23.23 ng/ml m