Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041625\
Data File : PL095255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Apr 2025 10:46
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 04/17/2025
Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 01:13:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 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...	3.537	2.768	61572884	80157047	22.445	21.541
28) SA	Decachlor...	9.054	7.901	50922633	90676063	21.150	20.612
	Target Compounds						
2) A	alpha-BHC	3.993	3.270	48341214	57671238	12.028	10.415
3) MA	gamma-BHC...	4.326	3.600	46705985	54153345	12.145	10.289
6) B	beta-BHC	4.525	3.900	21313563	26741235	12.156	11.541
12) B	4,4'-DDE	6.195	5.221	488552	590921	0.149m	0.123m
14) MA	Endrin	6.571	5.628	139.8E6	226.6E6	53.643m	54.233
16) A	4,4'-DDD	6.708	5.776	5681637	7035954	2.238	1.809
17) MA	4,4'-DDT	7.023	6.026	249.1E6	460.0E6	97.869	110.410
18) B	Endrin al...	6.921	6.102	3715765	6920111	1.688m	2.054
20) A	Methoxychlor	7.500	6.601	300.8E6	550.7E6	224.546	245.233
21) B	Endrin ke...	7.642	6.830	8094979	13278180	2.804	2.633

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

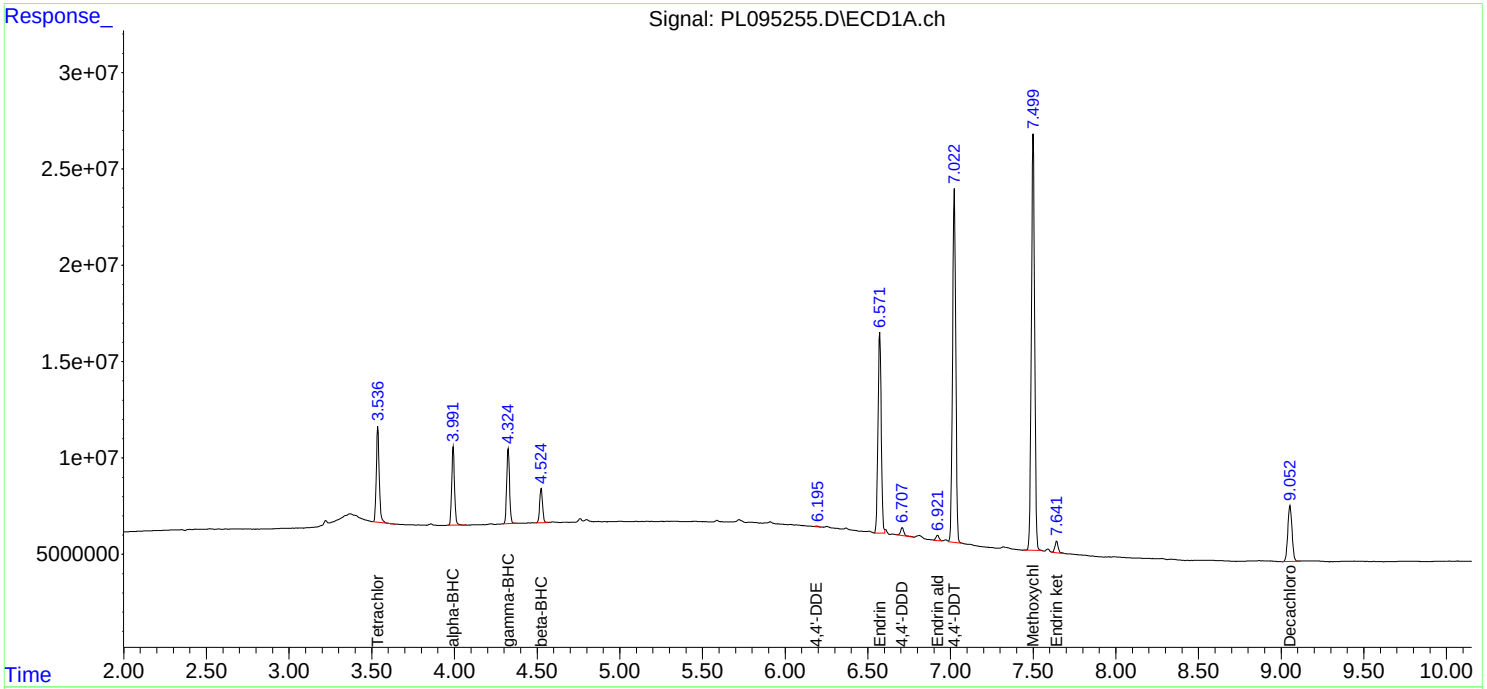
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041625\
Data File : PL095255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Apr 2025 10:46
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

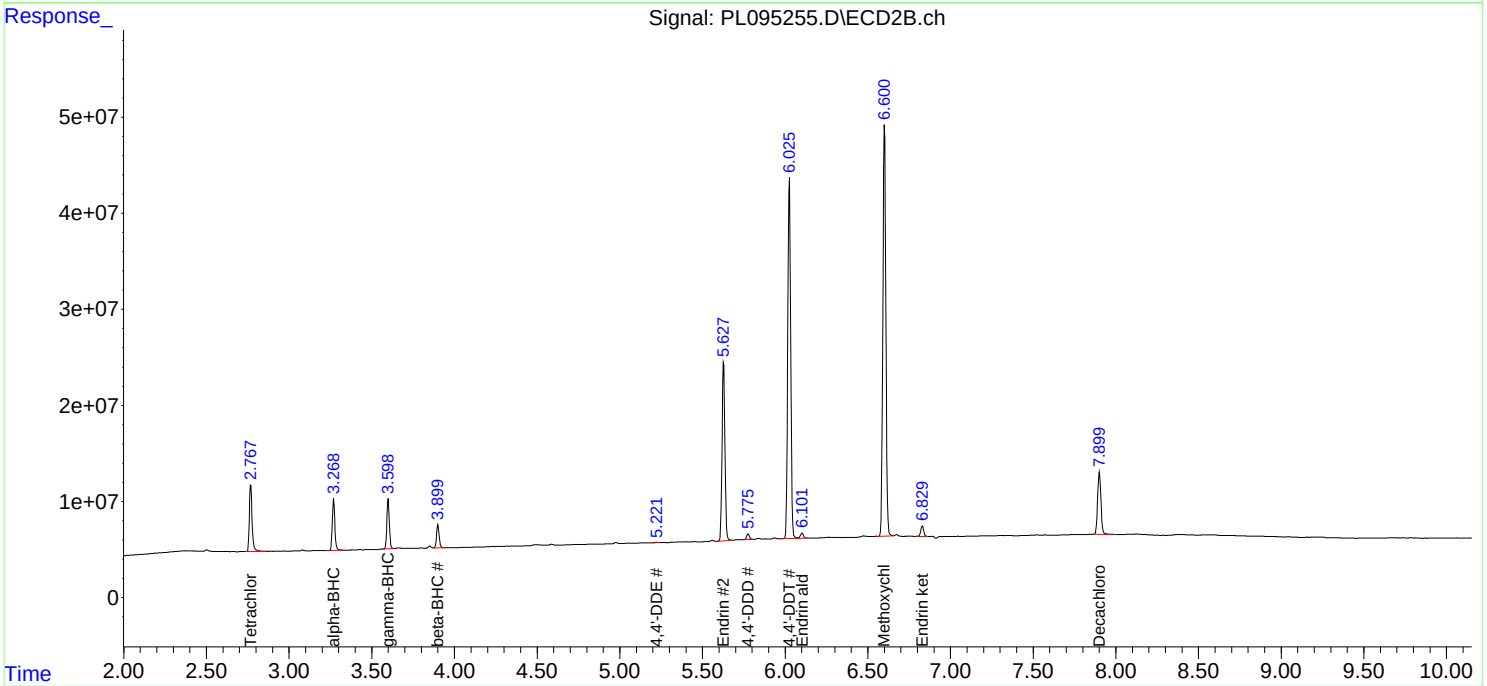
Instrument :
ECD_L
ClientSampleId :
PEM

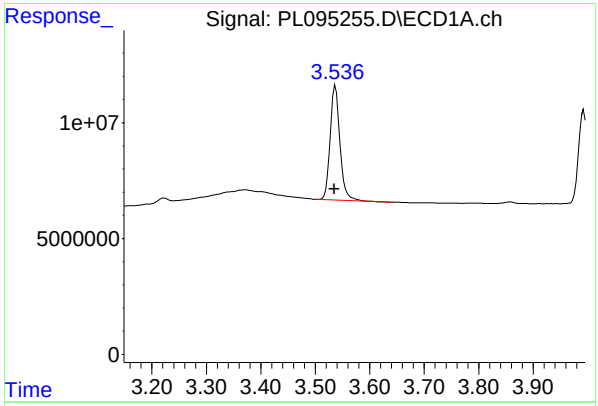
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 04/17/2025
Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 01:13:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 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







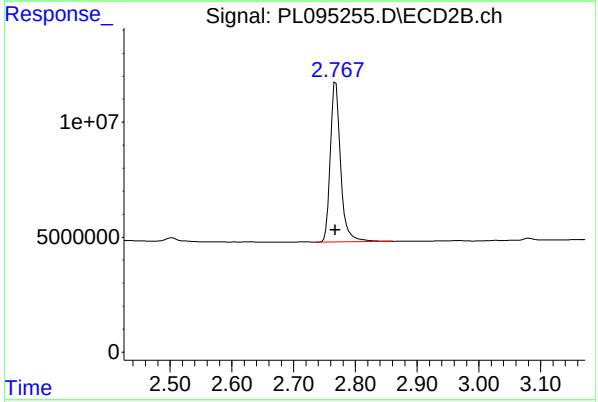
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 mi
Response: 61572884
Conc: 22.44 ng/m

Instrument :
ECD_L
ClientSampleId :
PEM

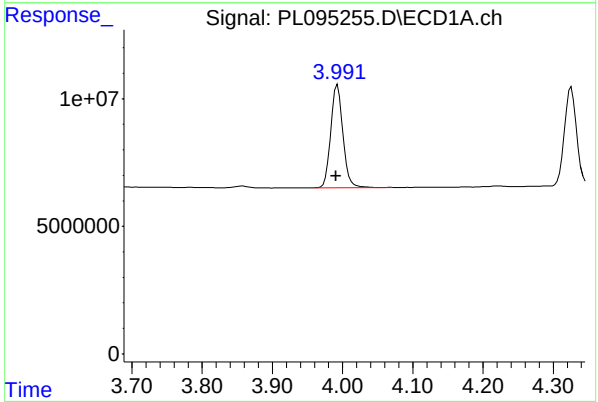
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/17/2025
Supervised By :mohammad ahmed 04/18/2025



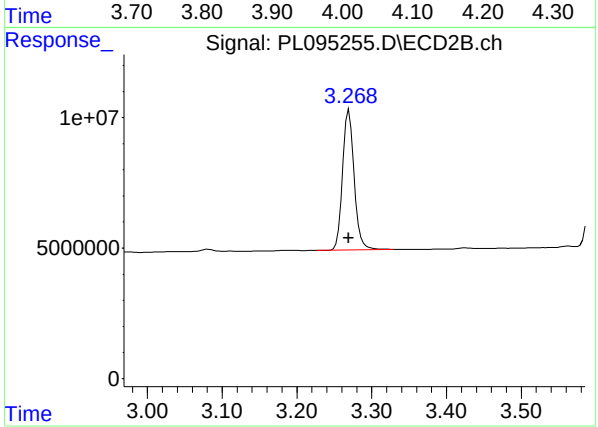
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 80157047
Conc: 21.54 ng/ml



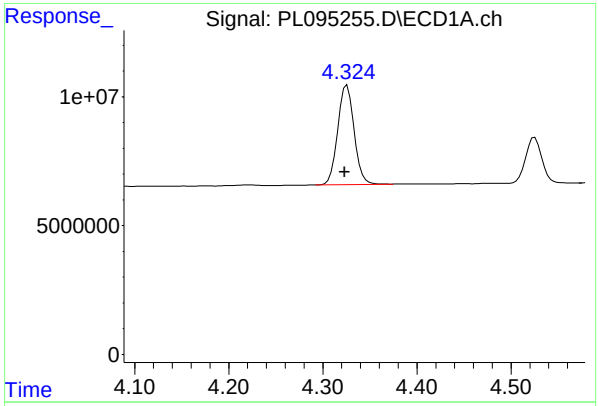
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 48341214
Conc: 12.03 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 57671238
Conc: 10.41 ng/ml



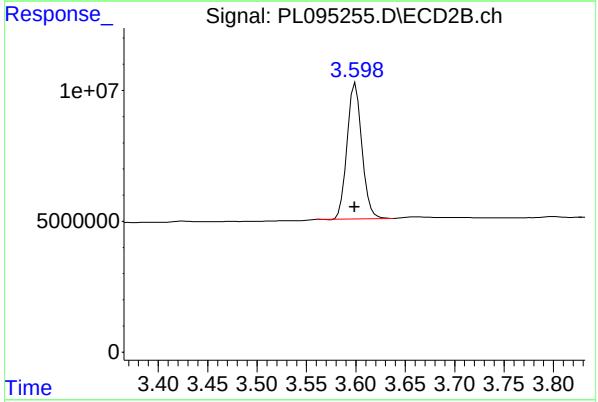
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.003 min
Response: 46705985
Conc: 12.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

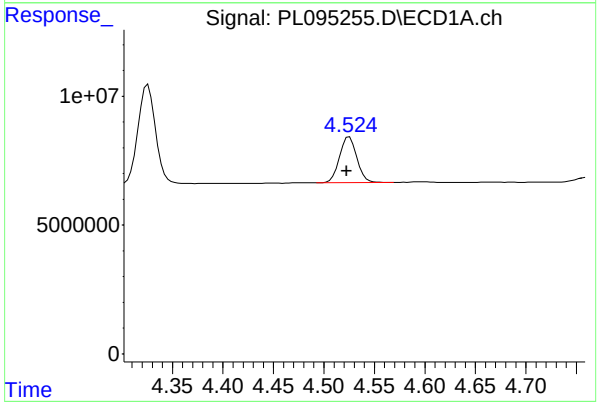
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/17/2025
Supervised By :mohammad ahmed 04/18/2025



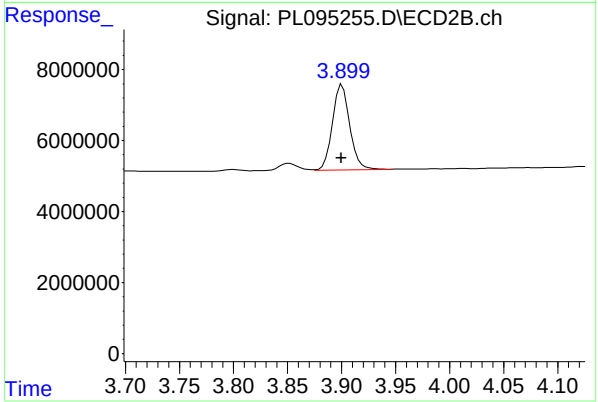
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.000 min
Response: 54153345
Conc: 10.29 ng/ml



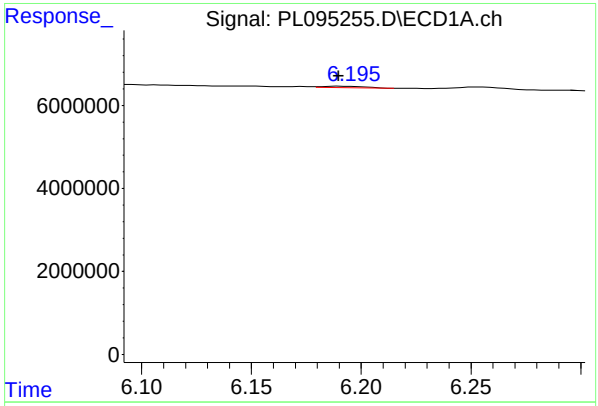
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 21313563
Conc: 12.16 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 26741235
Conc: 11.54 ng/ml



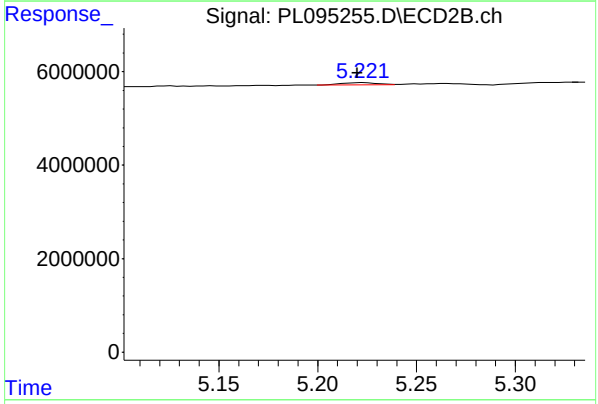
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.006 mi
Response: 488552
Conc: 0.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

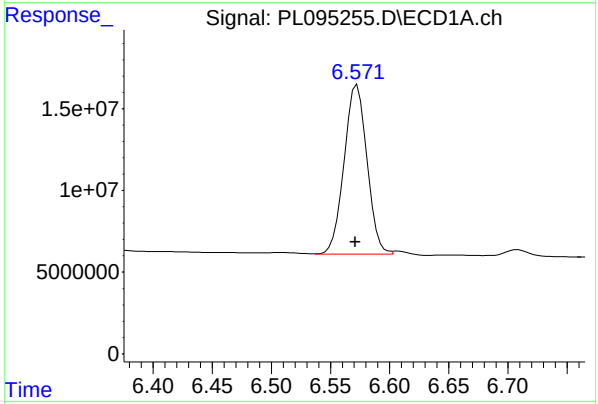
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/17/2025
Supervised By :mohammad ahmed 04/18/2025



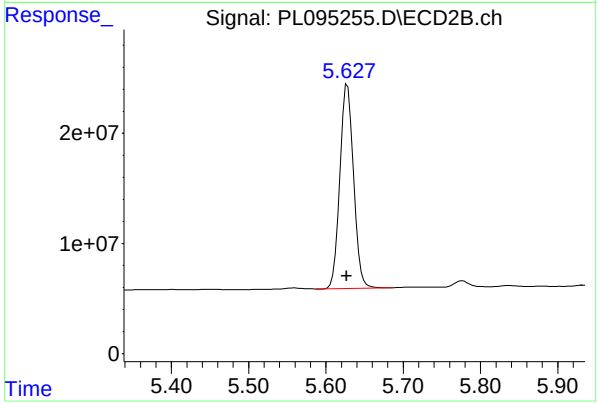
#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: 0.001 min
Response: 590921
Conc: 0.12 ng/ml m



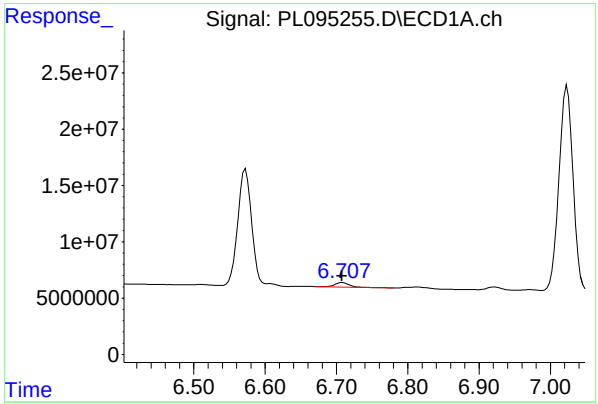
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 139801591
Conc: 53.64 ng/ml m



#14 Endrin

R.T.: 5.628 min
Delta R.T.: 0.001 min
Response: 226552907
Conc: 54.23 ng/ml



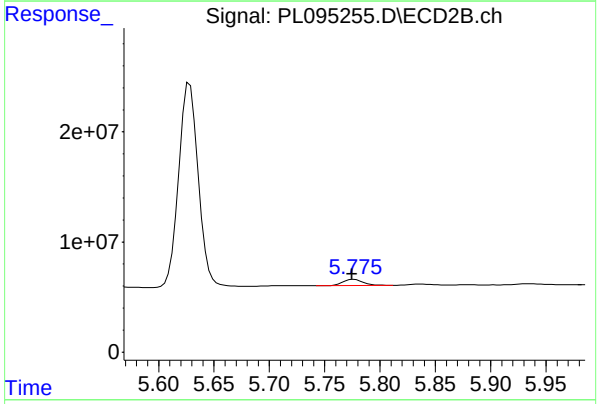
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 5681637
Conc: 2.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

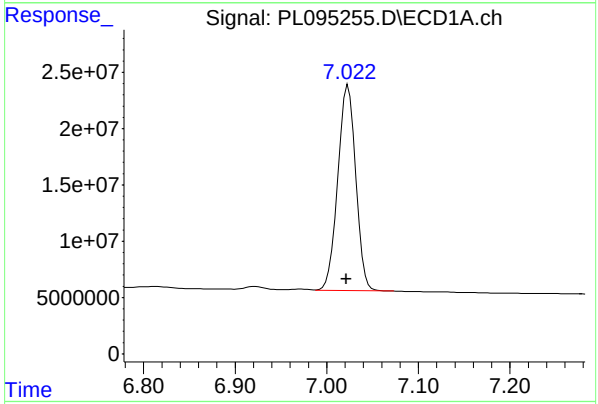
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/17/2025
Supervised By :mohammad ahmed 04/18/2025



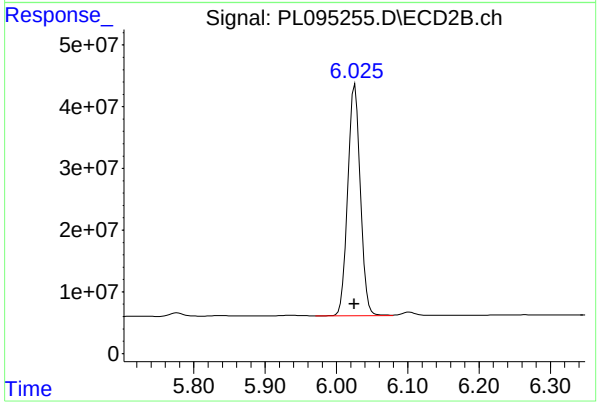
#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 7035954
Conc: 1.81 ng/ml



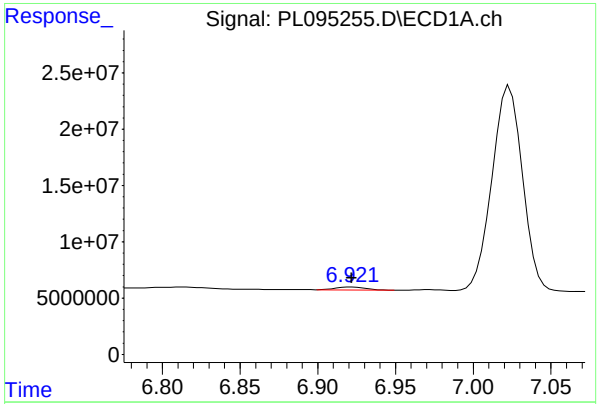
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.002 min
Response: 249128523
Conc: 97.87 ng/ml



#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 459964000
Conc: 110.41 ng/ml



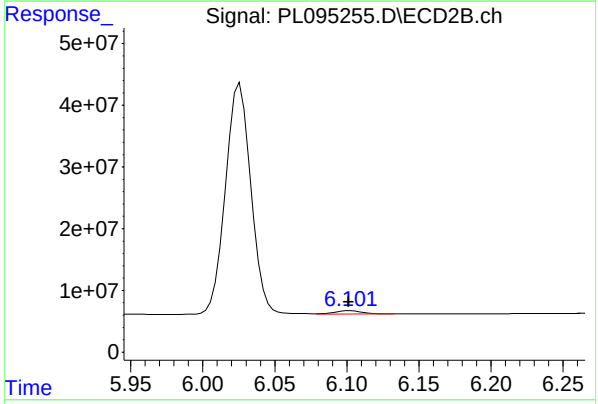
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.001 min
Response: 3715765
Conc: 1.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

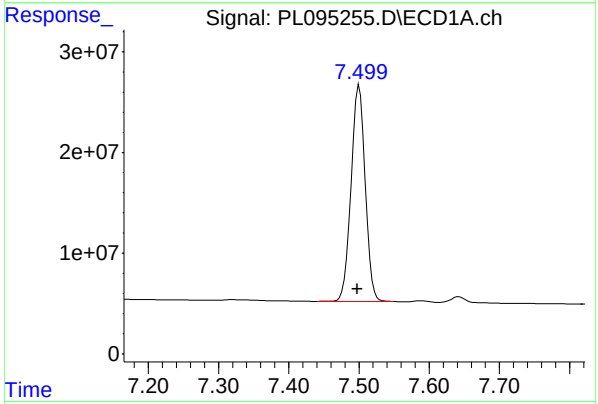
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/17/2025
Supervised By :mohammad ahmed 04/18/2025



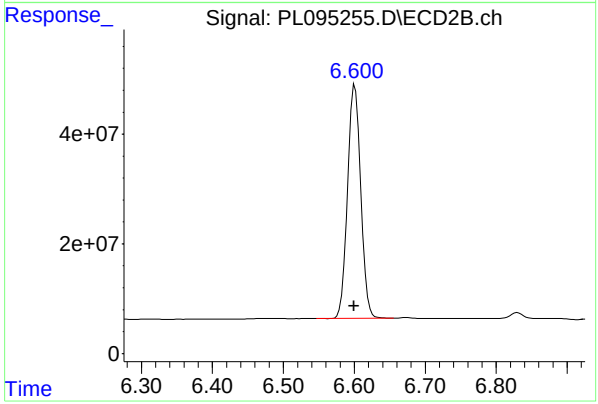
#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 6920111
Conc: 2.05 ng/ml



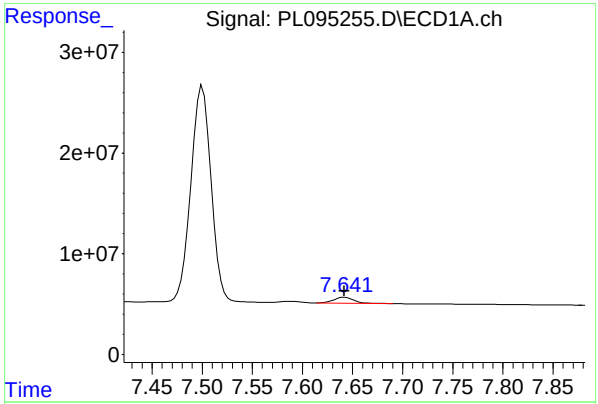
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.003 min
Response: 300765611
Conc: 224.55 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: 0.001 min
Response: 550718613
Conc: 245.23 ng/ml



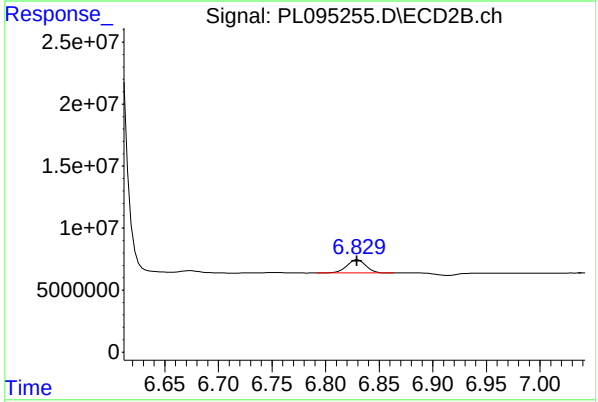
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 8094979
Conc: 2.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

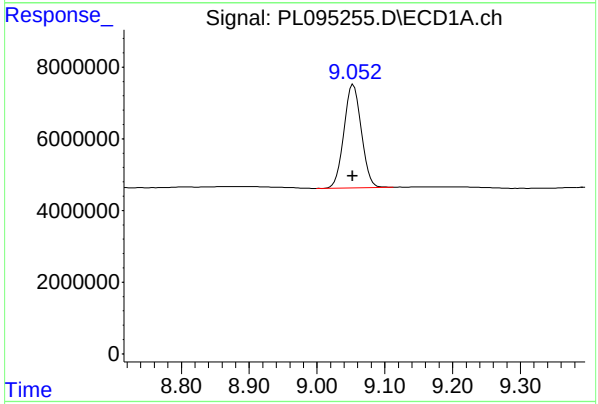
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/17/2025
Supervised By :mohammad ahmed 04/18/2025



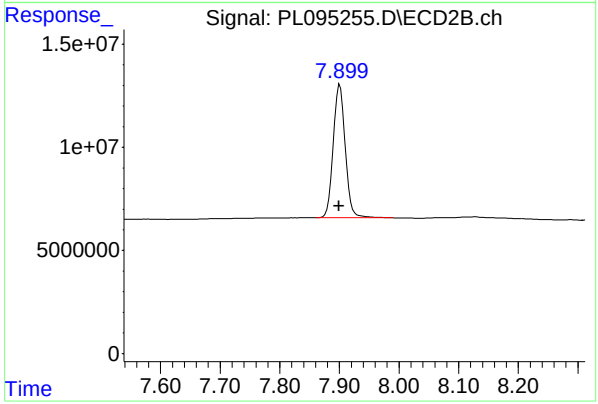
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 13278180
Conc: 2.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.001 min
Response: 50922633
Conc: 21.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: 0.001 min
Response: 90676063
Conc: 20.61 ng/ml