

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042325\
 Data File : PL095355.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 18:28
 Operator : AR\AJ
 Sample : Q1848-03MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ETGI-275MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul
 Mirza
 04/24/2025

Supervised By :mohammad
 ahmed
 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 01:27:41 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	49507384	50808357	15.165m	15.979m
28) SA Decachlor...	9.117	8.084	8970083	39653478	3.237m	13.400m#
Target Compounds						
2) A alpha-BHC	4.045	3.414	195.4E6	179.8E6	39.439	40.414m
3) MA gamma-BHC...	4.377	3.750	199.5E6	235.2E6	42.136	53.477 #
4) MA Heptachlor	4.975	4.103	169.3E6	167.9E6	37.012	38.544
5) MB Aldrin	5.317	4.388	222.7E6	160.7E6	48.496	39.054
6) B beta-BHC	4.562	4.042	46412590	85979676	22.448m	41.419 #
7) B delta-BHC	4.811	4.278	166.0E6	153.0E6	35.703m	34.919
8) B Heptachlo...	5.737	4.891	200.4E6	140.9E6	50.046	36.480 #
9) A Endosulfan I	6.122	5.280	137.7E6	740.9E6	36.256	202.398m#
10) B gamma-Chl...	5.992	5.145	222.7E6	163.7E6	54.595	40.404 #
11) B alpha-Chl...	6.073	5.209	220.9E6	177.4E6	54.324	44.554
12) B 4,4'-DDE	6.242	5.396	131.5E6	136.4E6	33.533	33.527
13) MA Dieldrin	6.395	5.527	150.6E6	289.4E6	39.064	71.150m#
14) MA Endrin	6.622	5.803	179.0E6	134.6E6	56.193	36.967m#
15) B Endosulfa...	6.833	6.096	132.6E6	207.4E6	41.548	57.765 #
16) A 4,4'-DDD	6.748	5.945	240.9E6	102.3E6	85.094m	31.310m#
17) MA 4,4'-DDT	7.066	6.198	142.0E6	212.4E6	49.835m	61.802m
18) B Endrin al...	6.963	6.273	102.6E6	124.3E6	44.230	47.550
19) B Endosulfa...	7.194	6.498	96629520	161.7E6	34.488m	48.725m#
20) A Methoxychlor	7.537	6.772	51847559	95631453	37.163m	50.136 #
21) B Endrin ke...	7.673	7.002	372.2E6	77808303	130.557m	22.097 #
22) Mirex	8.159	7.200	291.5E6	67295510	122.670m	23.347 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042325\
Data File : PL095355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 18:28
Operator : AR\AJ
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ClientSampleId :

ETGI-275MSD

Manual Integrations

APPROVED

Reviewed By :Abdul

Mirza

04/24/2025

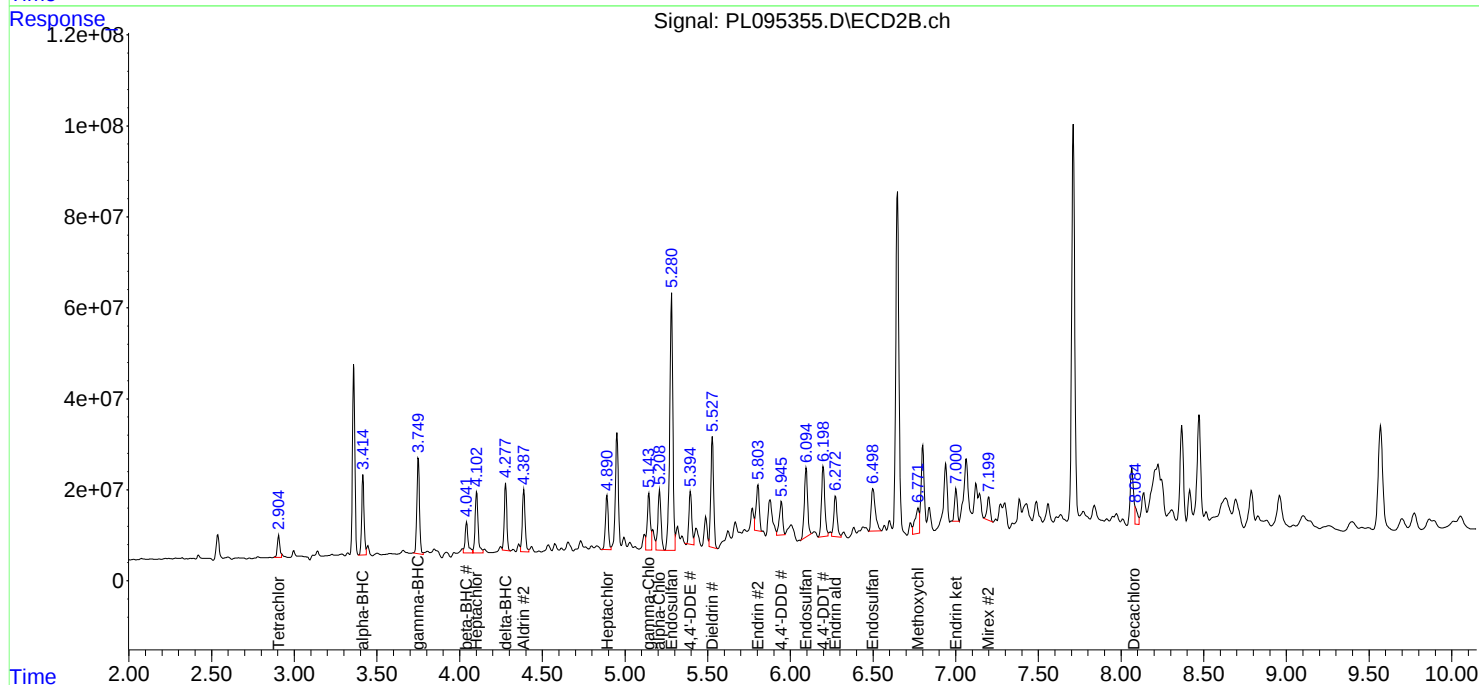
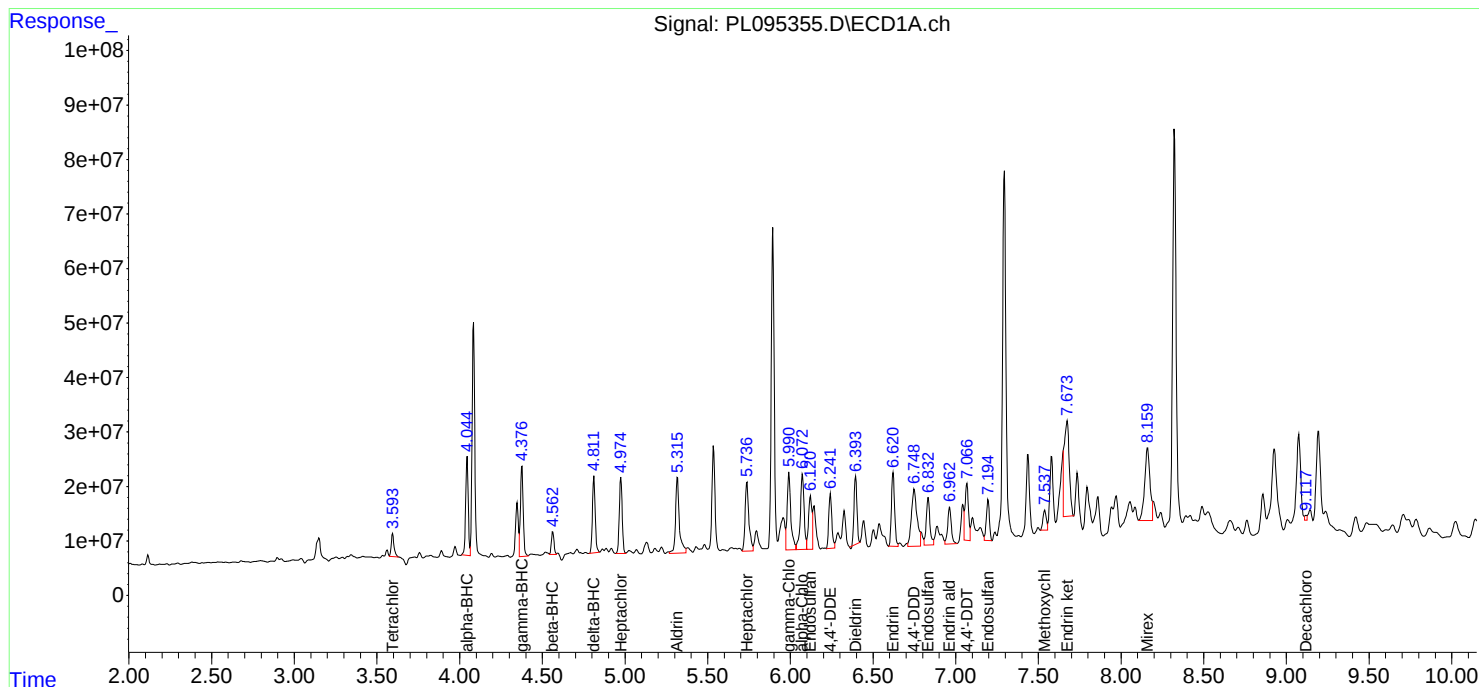
Supervised By :mohammad

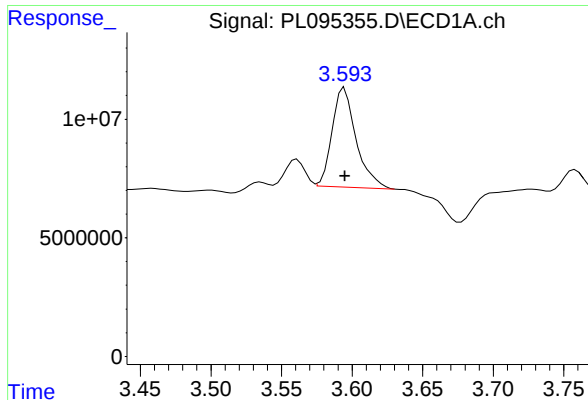
ahmed

04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 24 01:27:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 2025
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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

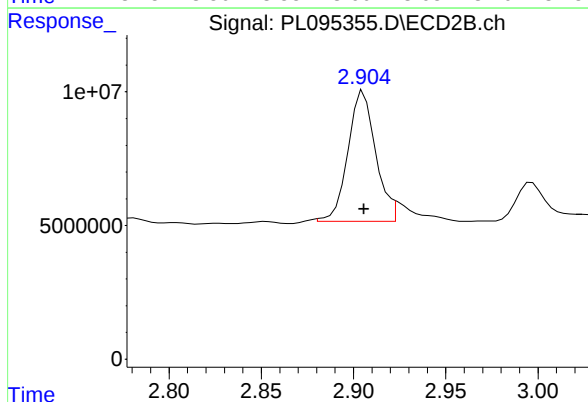
R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 49507384
Conc: 15.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-275MSD

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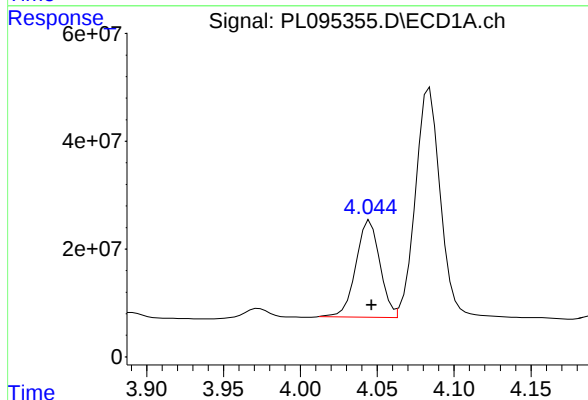
Reviewed By :Abdul
Mirza
04/24/2025

Supervised By :mohammad
ahmed
04/26/2025



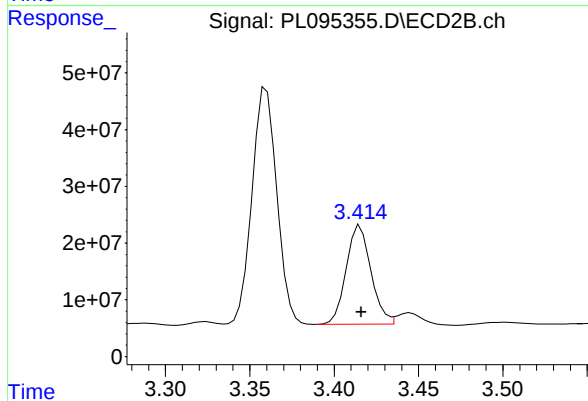
#1 Tetrachloro-m-xylene

R.T.: 2.904 min
Delta R.T.: -0.002 min
Response: 50808357
Conc: 15.98 ng/ml



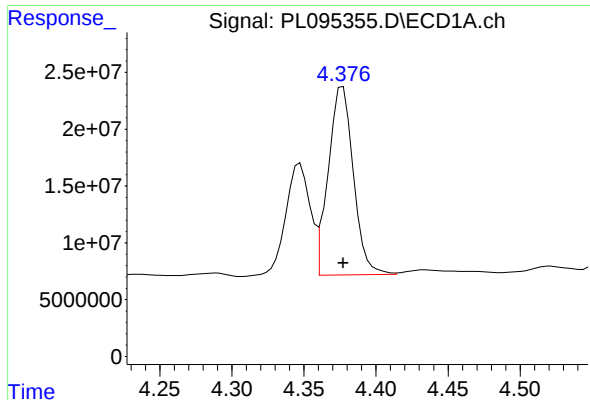
#2 alpha-BHC

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 195370465
Conc: 39.44 ng/ml



#2 alpha-BHC

R.T.: 3.414 min
Delta R.T.: -0.002 min
Response: 179790782
Conc: 40.41 ng/ml



#3 gamma-BHC (Lindane)

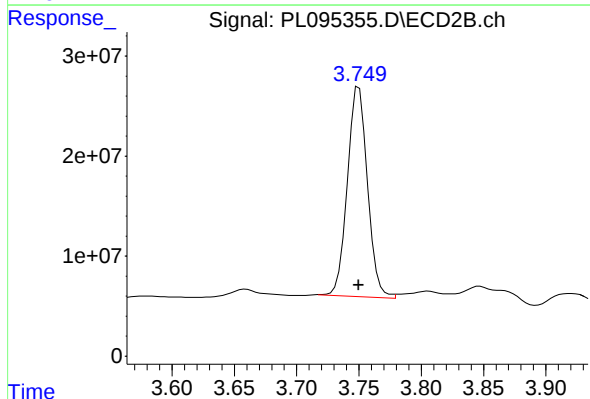
R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 199470677
Conc: 42.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-275MSD

Manual Integrations
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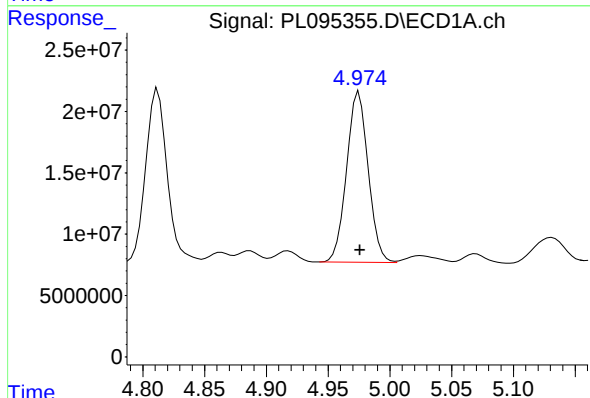
Reviewed By :Abdul
Mirza
04/24/2025

Supervised By :mohammad
ahmed
04/26/2025



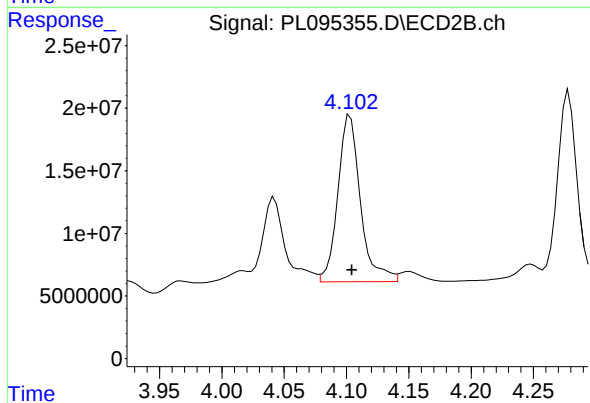
#3 gamma-BHC (Lindane)

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 235205765
Conc: 53.48 ng/ml



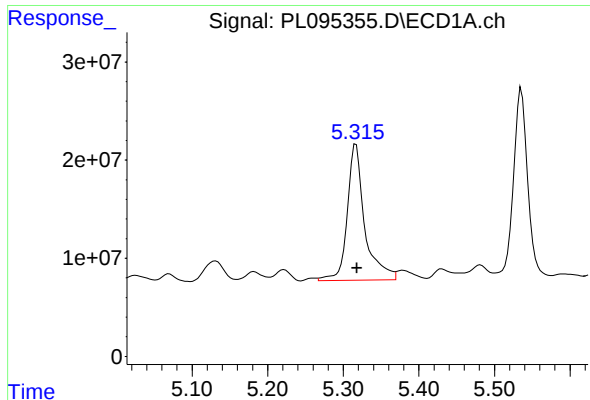
#4 Heptachlor

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 169312049
Conc: 37.01 ng/ml



#4 Heptachlor

R.T.: 4.103 min
Delta R.T.: -0.002 min
Response: 167923996
Conc: 38.54 ng/ml



#5 Aldrin

R.T.: 5.317 min
Delta R.T.: -0.001 min
Response: 222745462
Conc: 48.50 ng/ml

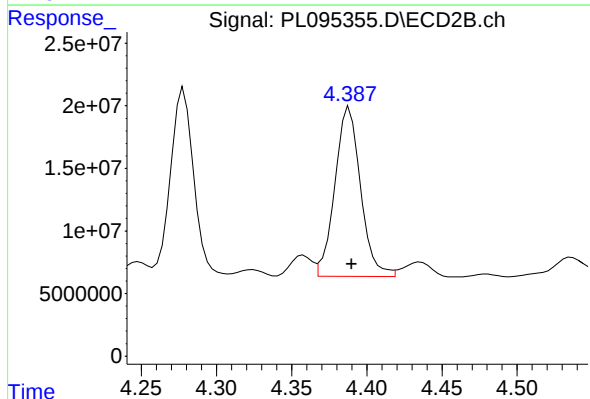
Instrument :
ECD_L
ClientSampleId :
ETGI-275MSD

Manual Integrations
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Reviewed By :Abdul
Mirza

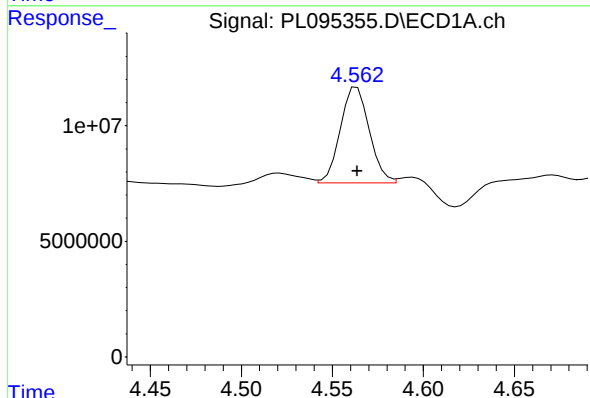
04/24/2025

Supervised By :mohammad
ahmed
04/26/2025



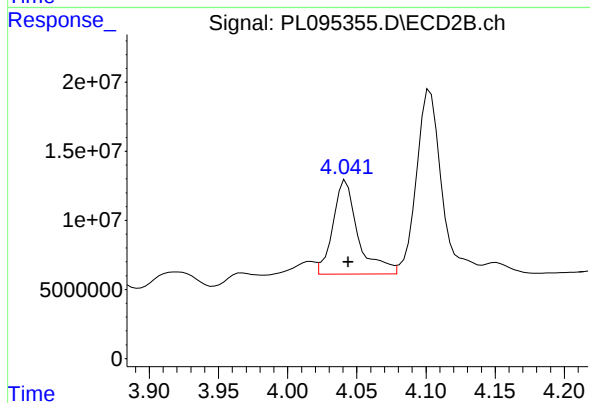
#5 Aldrin

R.T.: 4.388 min
Delta R.T.: -0.002 min
Response: 160732091
Conc: 39.05 ng/ml



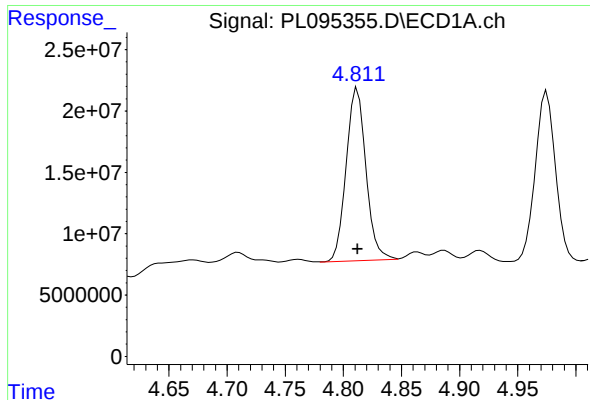
#6 beta-BHC

R.T.: 4.562 min
Delta R.T.: -0.002 min
Response: 46412590
Conc: 22.45 ng/ml m



#6 beta-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 85979676
Conc: 41.42 ng/ml



#7 delta-BHC

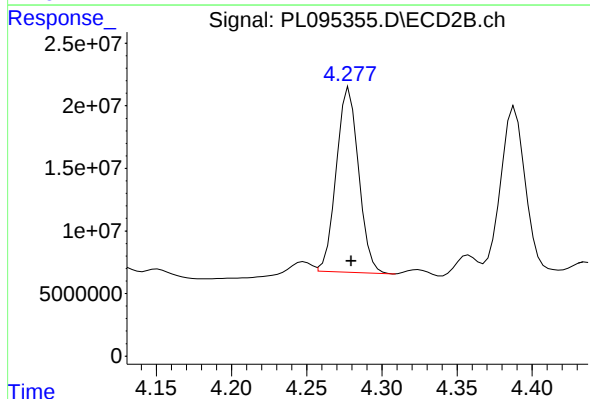
R.T.: 4.811 min
Delta R.T.: -0.002 min
Response: 166043104
Conc: 35.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-275MSD

Manual Integrations
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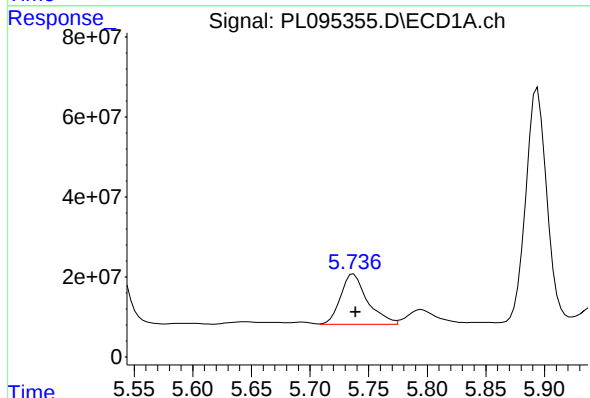
Reviewed By :Abdul
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Supervised By :mohammad
ahmed
04/26/2025



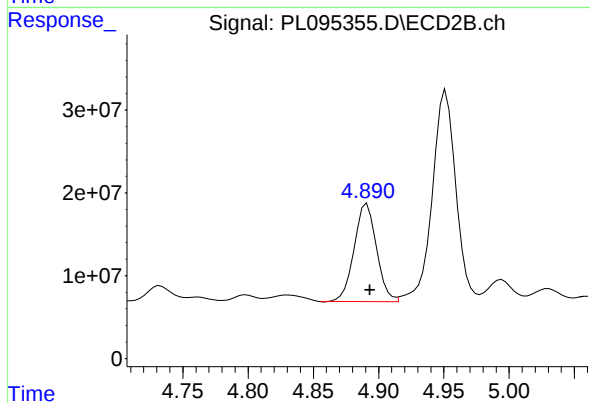
#7 delta-BHC

R.T.: 4.278 min
Delta R.T.: -0.001 min
Response: 153012352
Conc: 34.92 ng/ml



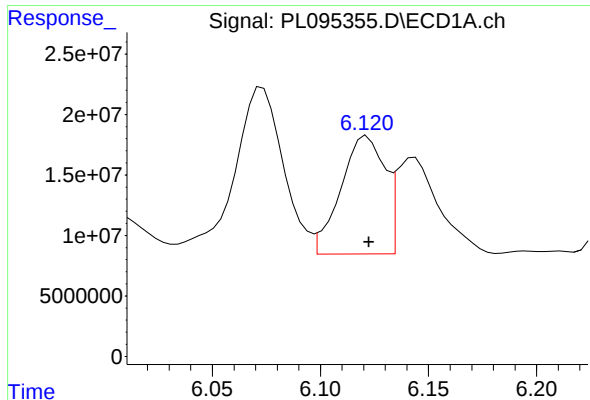
#8 Heptachlor epoxide

R.T.: 5.737 min
Delta R.T.: -0.002 min
Response: 200440261
Conc: 50.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 140908369
Conc: 36.48 ng/ml



#9 Endosulfan I

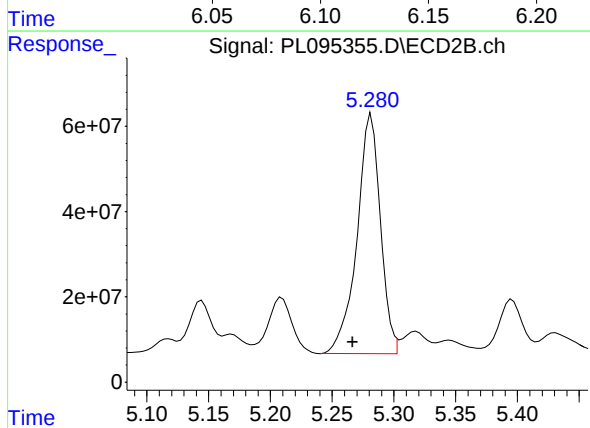
R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 137683859
Conc: 36.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-275MSD

Manual Integrations
APPROVED

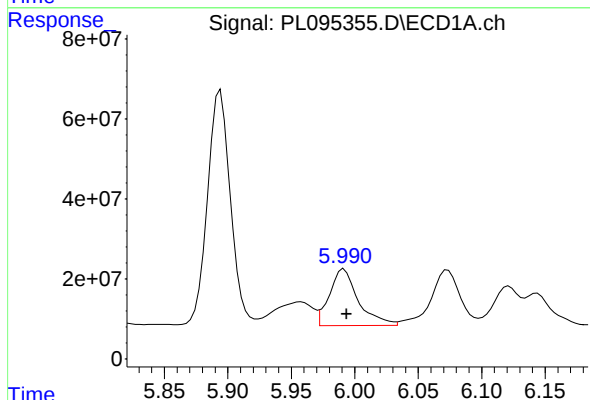
Reviewed By :Abdul
Mirza
04/24/2025

Supervised By :mohammad
ahmed
04/26/2025



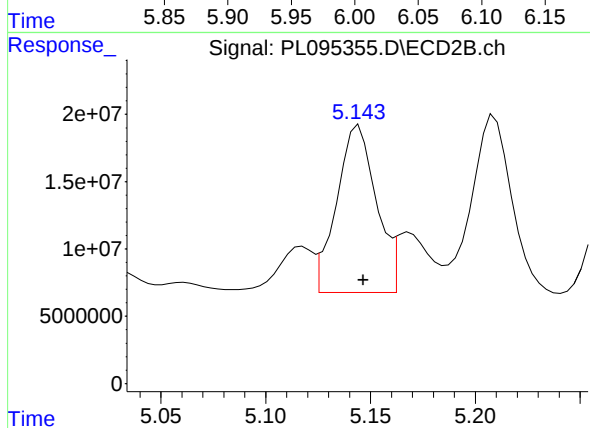
#9 Endosulfan I

R.T.: 5.280 min
Delta R.T.: 0.014 min
Response: 740861719
Conc: 202.40 ng/ml m



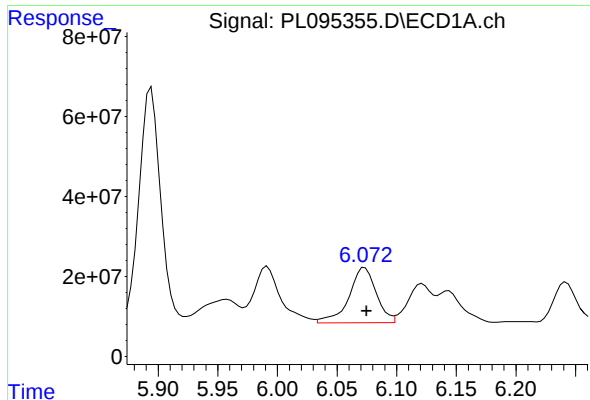
#10 gamma-Chlordane

R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 222714185
Conc: 54.60 ng/ml



#10 gamma-Chlordane

R.T.: 5.145 min
Delta R.T.: -0.002 min
Response: 163742091
Conc: 40.40 ng/ml



#11 alpha-Chlordane

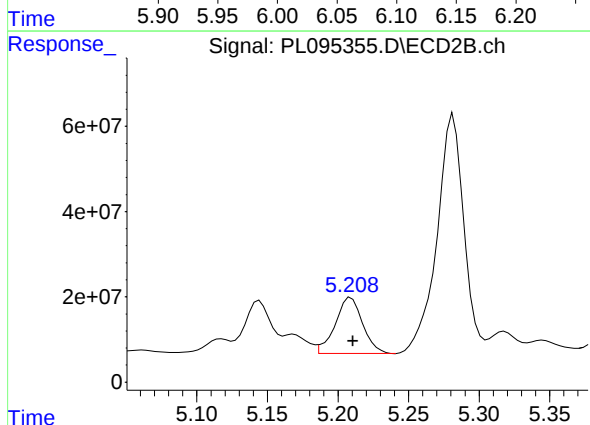
R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 220887418
Conc: 54.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-275MSD

Manual Integrations
APPROVED

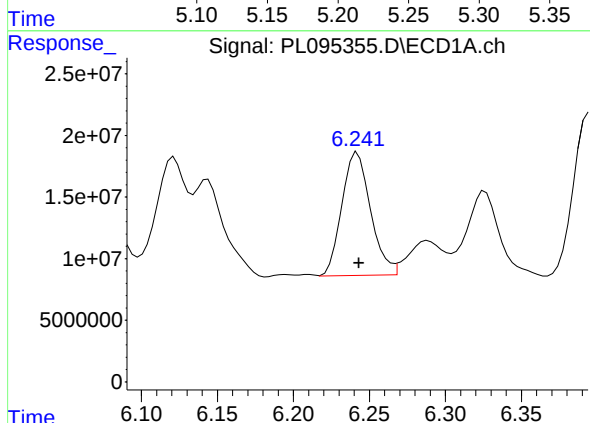
Reviewed By :Abdul
Mirza
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ahmed
04/26/2025



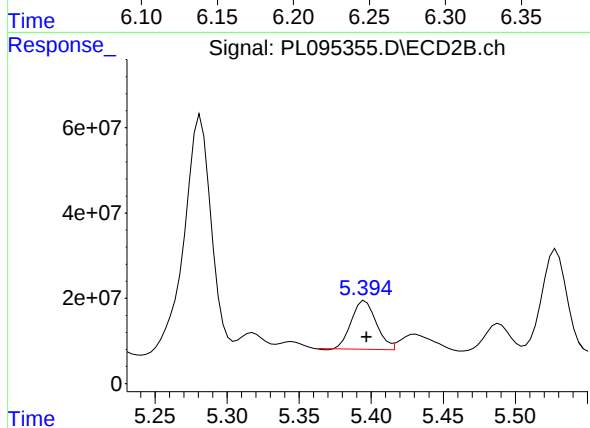
#11 alpha-Chlordane

R.T.: 5.209 min
Delta R.T.: -0.001 min
Response: 177374169
Conc: 44.55 ng/ml



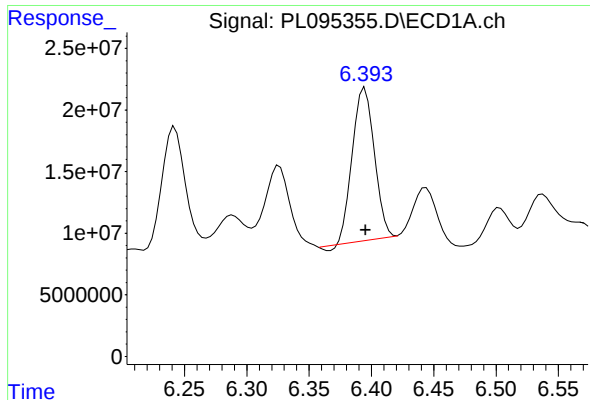
#12 4,4'-DDE

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 131467735
Conc: 33.53 ng/ml



#12 4,4'-DDE

R.T.: 5.396 min
Delta R.T.: -0.001 min
Response: 136352399
Conc: 33.53 ng/ml



#13 Dieldrin

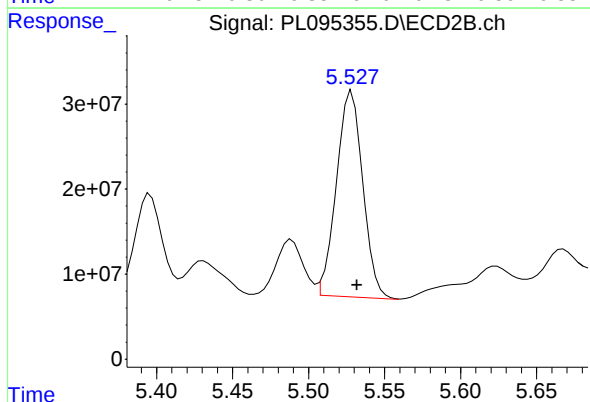
R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 150584274
Conc: 39.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-275MSD

Manual Integrations
APPROVED

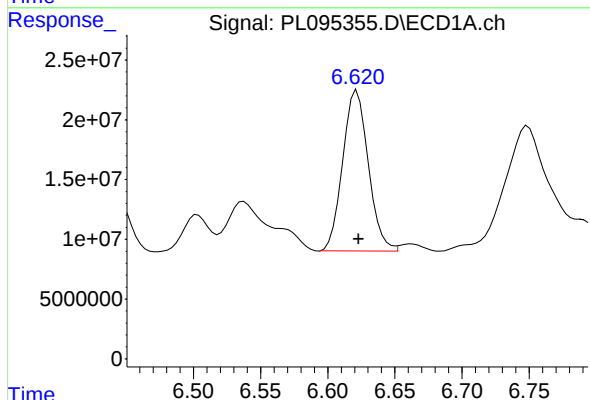
Reviewed By :Abdul
Mirza
04/24/2025

Supervised By :mohammad
ahmed
04/26/2025



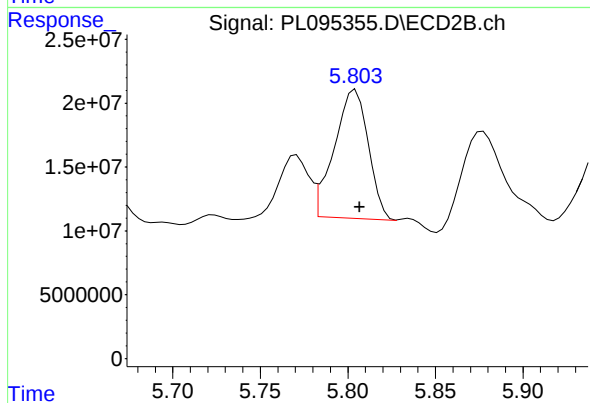
#13 Dieldrin

R.T.: 5.527 min
Delta R.T.: -0.005 min
Response: 289373717
Conc: 71.15 ng/ml



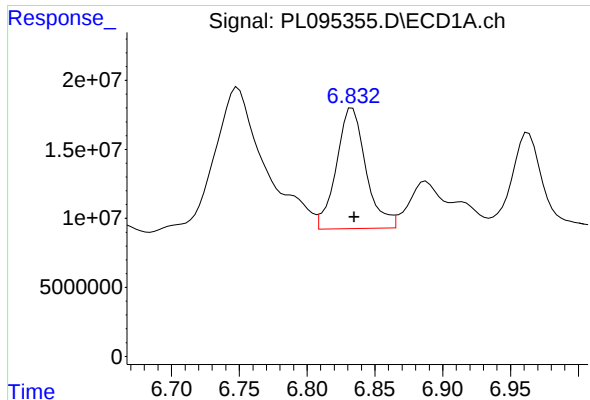
#14 Endrin

R.T.: 6.622 min
Delta R.T.: -0.001 min
Response: 178959378
Conc: 56.19 ng/ml



#14 Endrin

R.T.: 5.803 min
Delta R.T.: -0.004 min
Response: 134585802
Conc: 36.97 ng/ml



#15 Endosulfan II

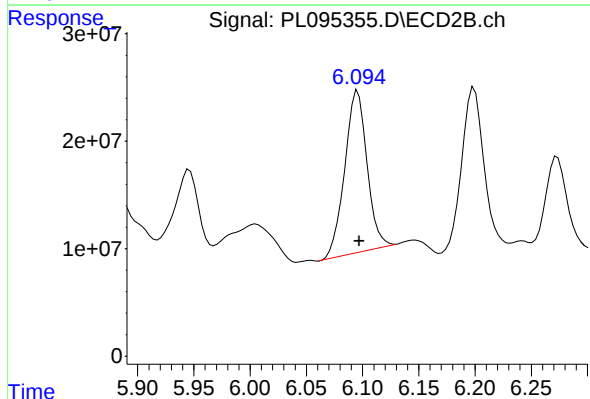
R.T.: 6.833 min
Delta R.T.: -0.001 min
Response: 132627757
Conc: 41.55 ng/ml

Instrument :
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ETGI-275MSD

Manual Integrations
APPROVED

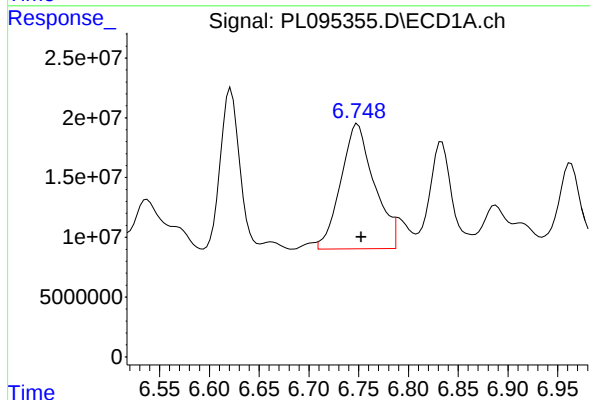
Reviewed By :Abdul
Mirza
04/24/2025

Supervised By :mohammad
ahmed
04/26/2025



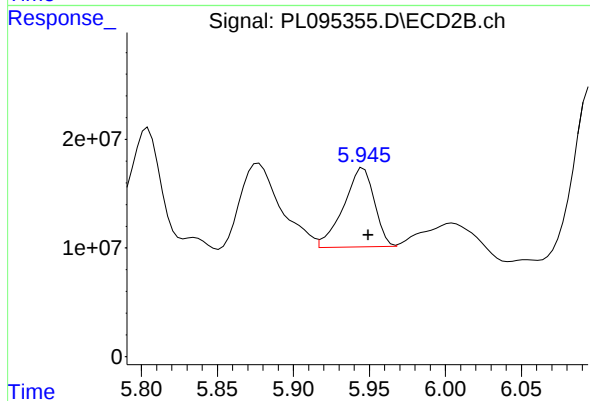
#15 Endosulfan II

R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 207440683
Conc: 57.77 ng/ml



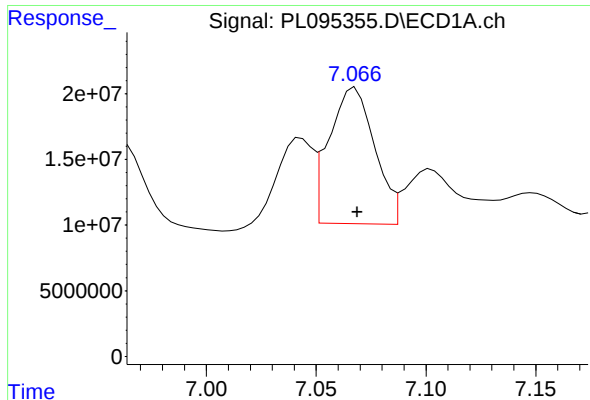
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: -0.005 min
Response: 240897154
Conc: 85.09 ng/ml m



#16 4,4'-DDD

R.T.: 5.945 min
Delta R.T.: -0.005 min
Response: 102281826
Conc: 31.31 ng/ml m



#17 4,4'-DDT

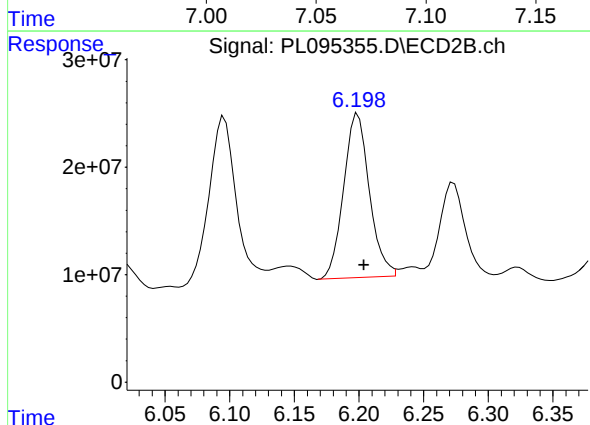
R.T.: 7.066 min
Delta R.T.: -0.002 min
Response: 141959924
Conc: 49.84 ng/ml

Instrument :
ECD_L
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ETGI-275MSD

Manual Integrations
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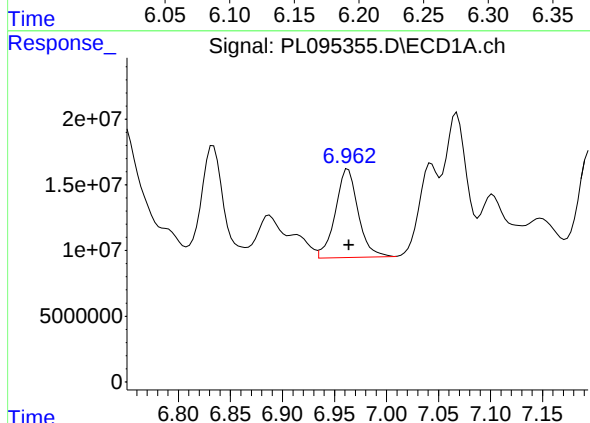
Reviewed By :Abdul
Mirza
04/24/2025

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ahmed
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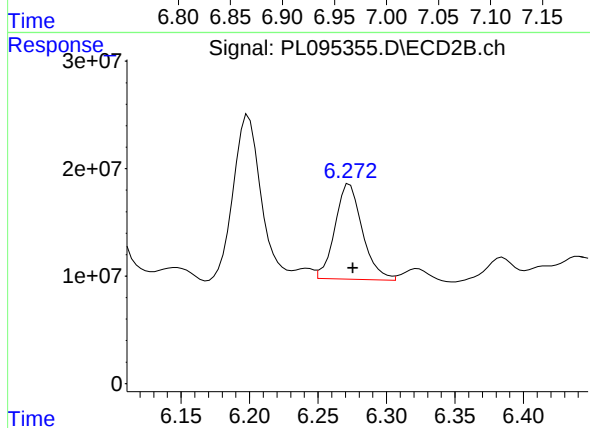
#17 4,4'-DDT

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 212362779
Conc: 61.80 ng/ml



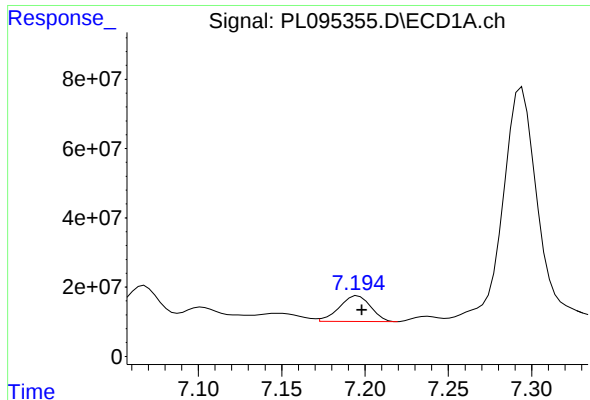
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 102648094
Conc: 44.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.273 min
Delta R.T.: -0.002 min
Response: 124255412
Conc: 47.55 ng/ml



#19 Endosulfan Sulfate

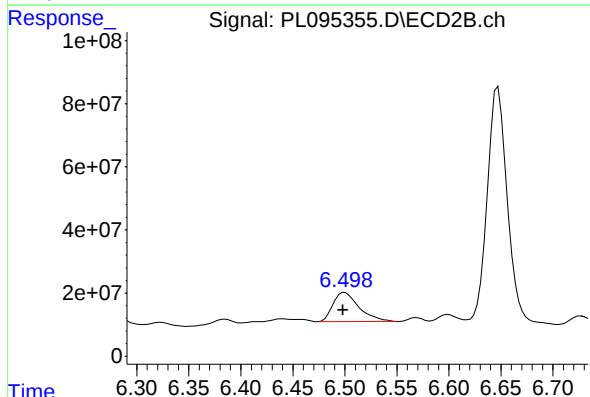
R.T.: 7.194 min
Delta R.T.: -0.004 min
Response: 96629520
Conc: 34.49 ng/ml

Instrument :
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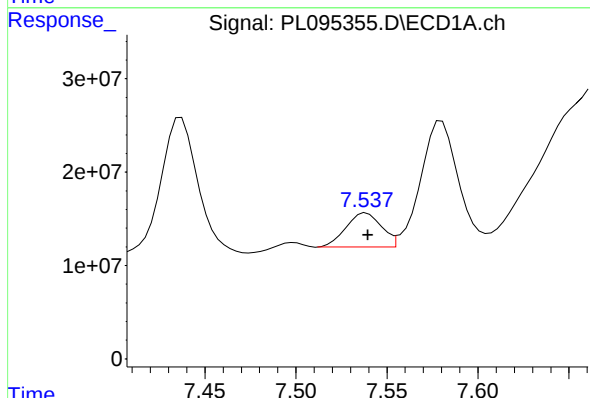
Reviewed By :Abdul
Mirza
04/24/2025

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ahmed
04/26/2025



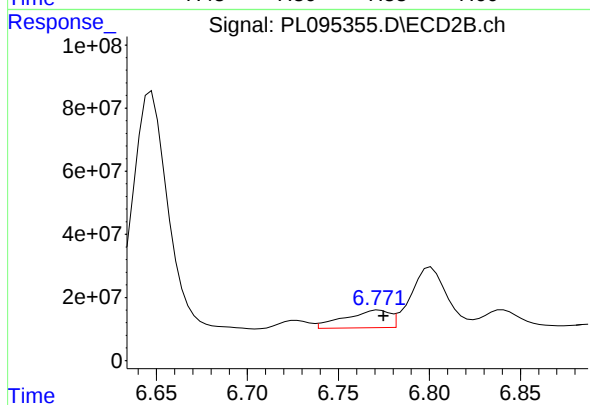
#19 Endosulfan Sulfate

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 161665466
Conc: 48.72 ng/ml



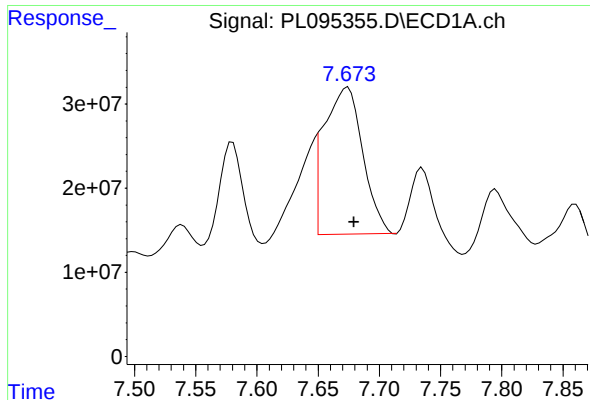
#20 Methoxychlor

R.T.: 7.537 min
Delta R.T.: -0.002 min
Response: 51847559
Conc: 37.16 ng/ml



#20 Methoxychlor

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 95631453
Conc: 50.14 ng/ml



#21 Endrin ketone

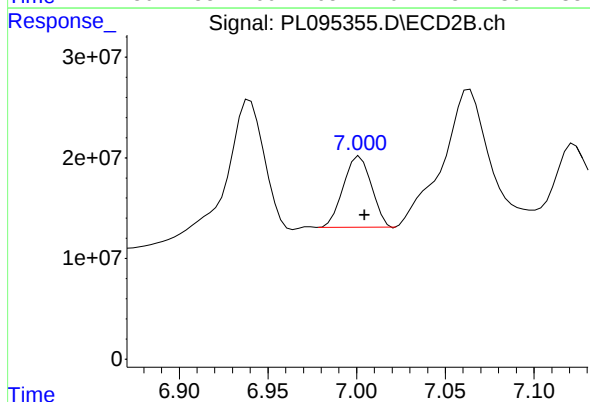
R.T.: 7.673 min
Delta R.T.: -0.006 min
Response: 372200937
Conc: 130.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-275MSD

Manual Integrations
APPROVED

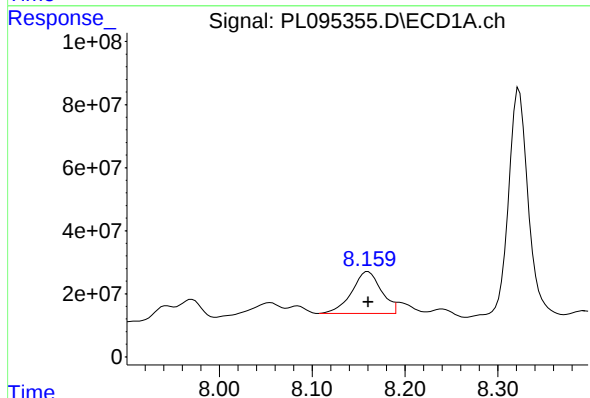
Reviewed By :Abdul
Mirza
04/24/2025

Supervised By :mohammad
ahmed
04/26/2025



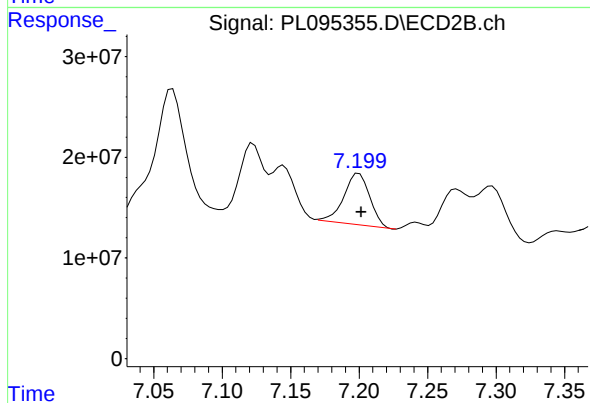
#21 Endrin ketone

R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 77808303
Conc: 22.10 ng/ml



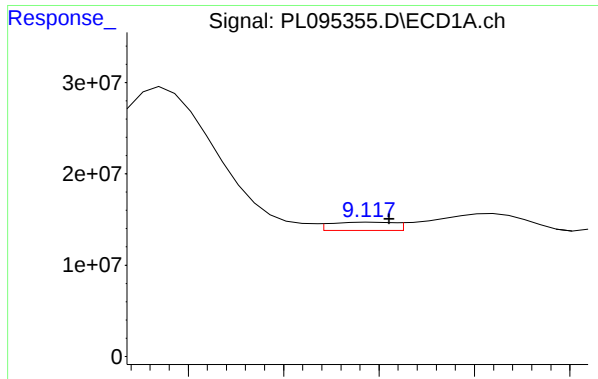
#22 Mirex

R.T.: 8.159 min
Delta R.T.: -0.002 min
Response: 291469878
Conc: 122.67 ng/ml m



#22 Mirex

R.T.: 7.200 min
Delta R.T.: -0.002 min
Response: 67295510
Conc: 23.35 ng/ml



#28 Decachlorobiphenyl

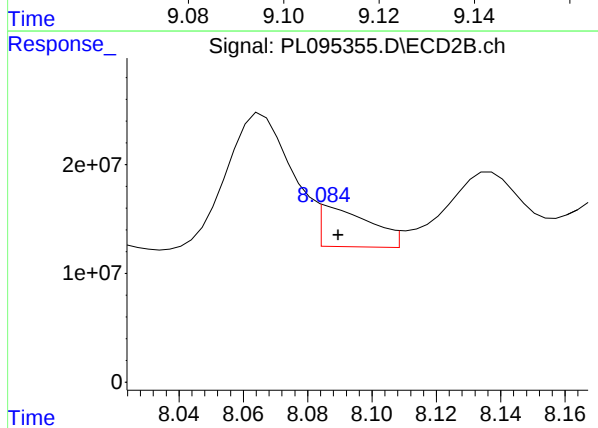
R.T.: 9.117 min
Delta R.T.: -0.005 min
Response: 8970083
Conc: 3.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-275MSD

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza
04/24/2025

Supervised By :mohammad
ahmed
04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: -0.005 min
Response: 39653478
Conc: 13.40 ng/ml m