

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050225\
 Data File : PL095495.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2025 21:19
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/30/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 00:58:53 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	2.908	150.2E6	180.7E6	46.020	56.839
2) SA Decachlor...	9.117	8.083	135.2E6	145.7E6	48.806	49.249m
Target Compounds						
2) A alpha-BHC	4.044	3.417	231.4E6	275.6E6	46.707	61.950 #
3) MA gamma-BHC...	4.375	3.750	219.4E6	259.2E6	46.349	58.932 #
4) MA Heptachlor	4.973	4.104	205.6E6	242.0E6	44.945	55.540
5) MB Aldrin	5.316	4.388	221.8E6	244.2E6	48.287	59.336m
6) B beta-BHC	4.561	4.044	94544237	113.4E6	45.728	54.650
7) B delta-BHC	4.808	4.280	216.3E6	258.6E6	46.510m	59.017 #
8) B Heptachlo...	5.736	4.891	192.6E6	218.9E6	48.078	56.670
9) A Endosulfan I	6.120	5.264	190.8E6	206.7E6	50.236	56.456
10) B gamma-Chl...	5.990	5.143	202.7E6	226.6E6	49.697	55.906m
11) B alpha-Chl...	6.071	5.208	201.5E6	220.2E6	49.560	55.306
12) B 4,4'-DDE	6.240	5.394	189.1E6	220.7E6	48.245	54.255
13) MA Dieldrin	6.392	5.529	192.0E6	228.5E6	49.812	56.179
14) MA Endrin	6.619	5.804	141.9E6	183.4E6	44.558m	50.385
15) B Endosulfa...	6.830	6.094	164.3E6	196.7E6	51.462m	54.761
16) A 4,4'-DDD	6.750	5.947	158.2E6	195.7E6	55.887	59.898
17) MA 4,4'-DDT	7.064	6.200	130.3E6	169.2E6	45.732	49.232
18) B Endrin al...	6.961	6.272	119.6E6	142.0E6	51.531	54.350
19) B Endosulfa...	7.195	6.495	142.0E6	179.2E6	50.691	54.014
20) A Methoxychlor	7.536	6.769	60546547	89031914	43.398	46.676
21) B Endrin ke...	7.676	6.999	154.2E6	216.7E6	54.076	61.549m
22) Mirex	8.157	7.197	119.4E6	152.9E6	50.237	53.041

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050225\
Data File : PL095495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 21:19
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

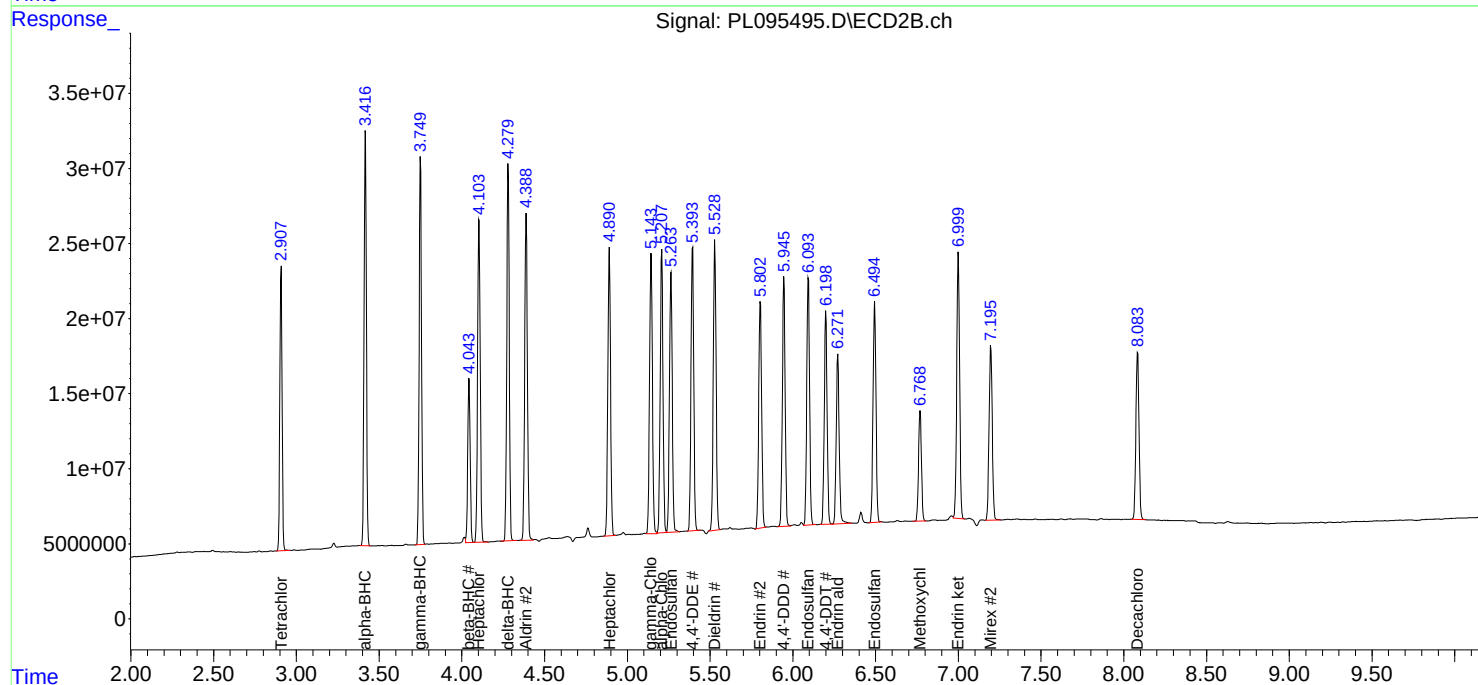
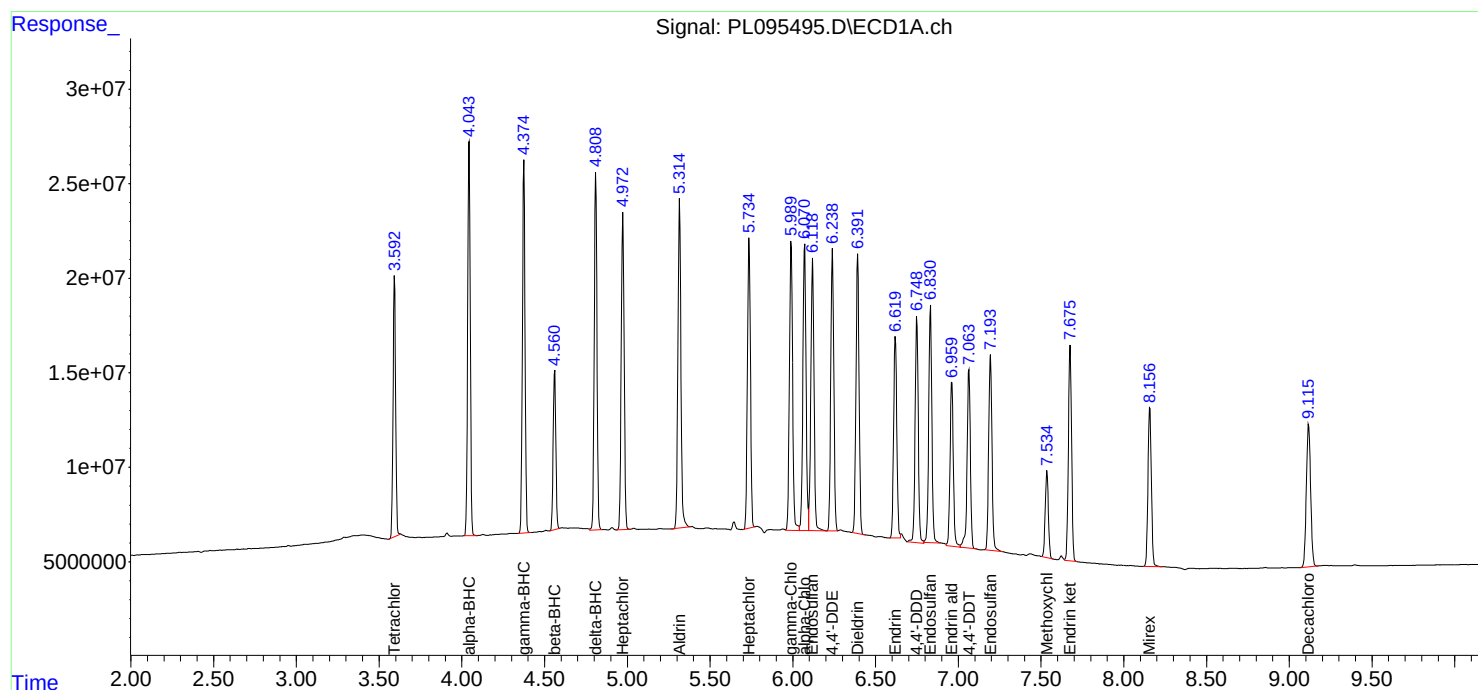
APPROVED

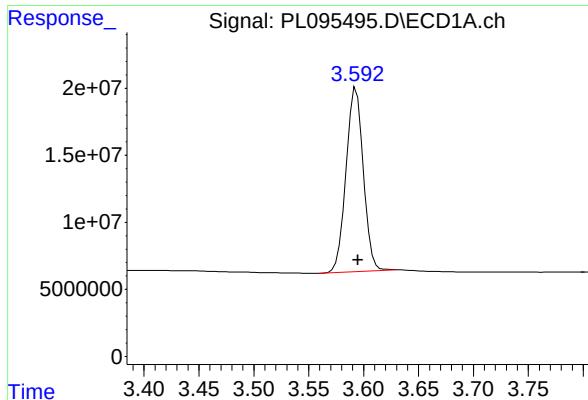
Reviewed By :Abdul Mirza 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 00:58:53 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





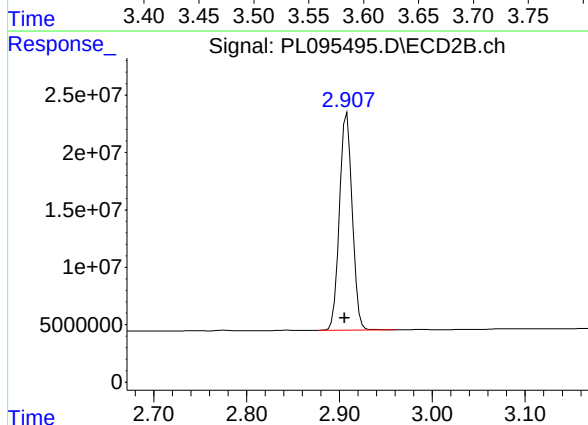
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 150241740
Conc: 46.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

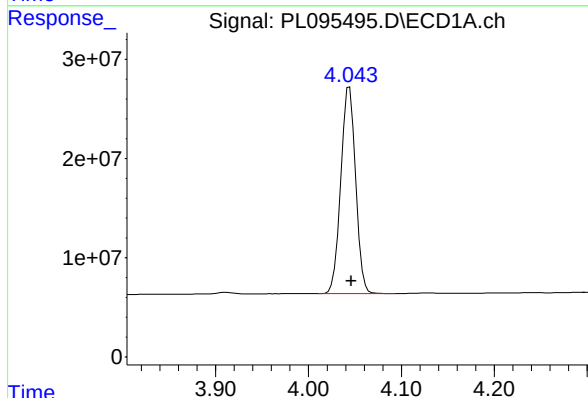
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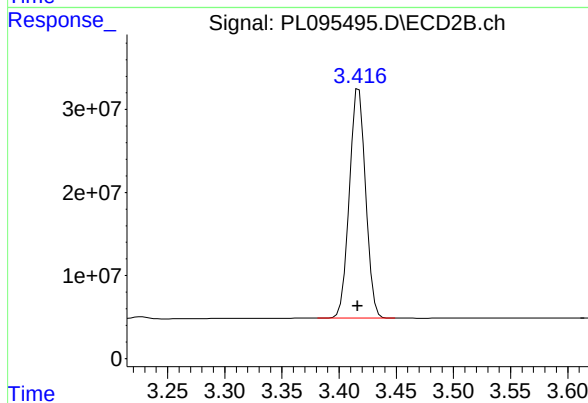
#1 Tetrachloro-m-xylene

R.T.: 2.908 min
Delta R.T.: 0.002 min
Response: 180733317
Conc: 56.84 ng/ml



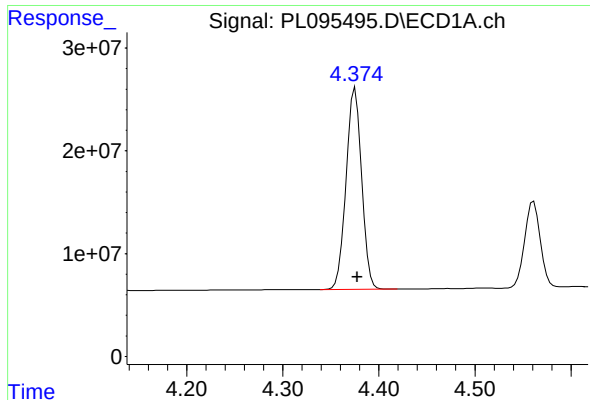
#2 alpha-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 231372911
Conc: 46.71 ng/ml



#2 alpha-BHC

R.T.: 3.417 min
Delta R.T.: 0.001 min
Response: 275596804
Conc: 61.95 ng/ml



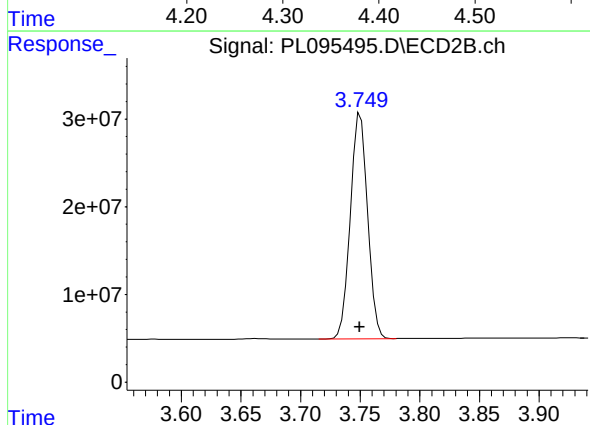
#3 gamma-BHC (Lindane)

R.T.: 4.375 min
Delta R.T.: -0.002 min
Response: 219413915
Conc: 46.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

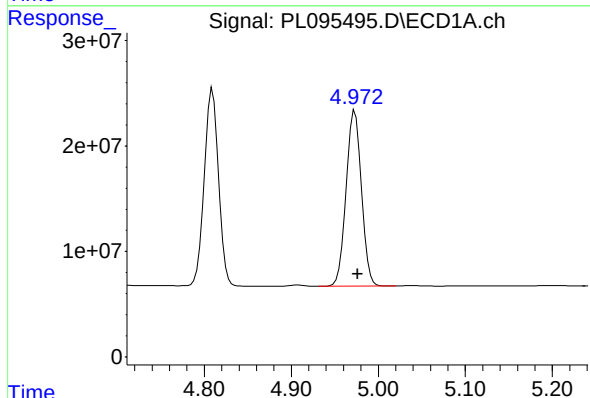
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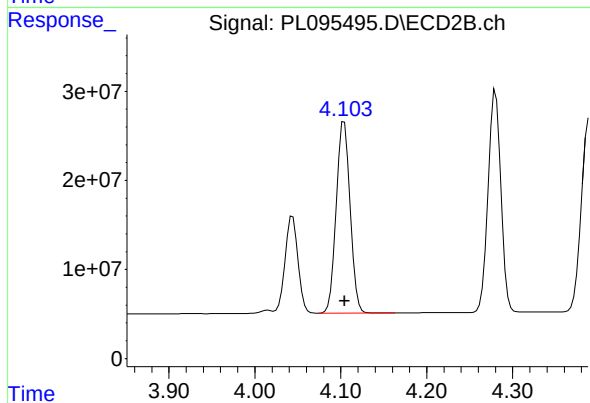
#3 gamma-BHC (Lindane)

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 259198319
Conc: 58.93 ng/ml



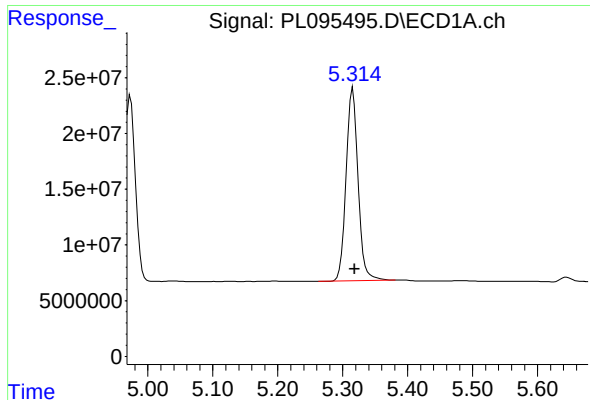
#4 Heptachlor

R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 205599177
Conc: 44.94 ng/ml



#4 Heptachlor

R.T.: 4.104 min
Delta R.T.: 0.000 min
Response: 241971663
Conc: 55.54 ng/ml



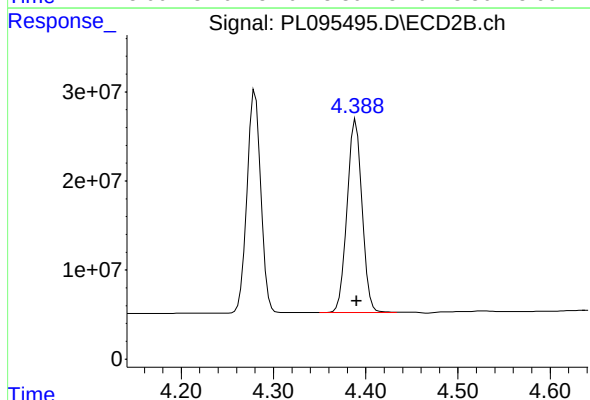
#5 Aldrin

R.T.: 5.316 min
Delta R.T.: -0.003 min
Response: 221781369
Conc: 48.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

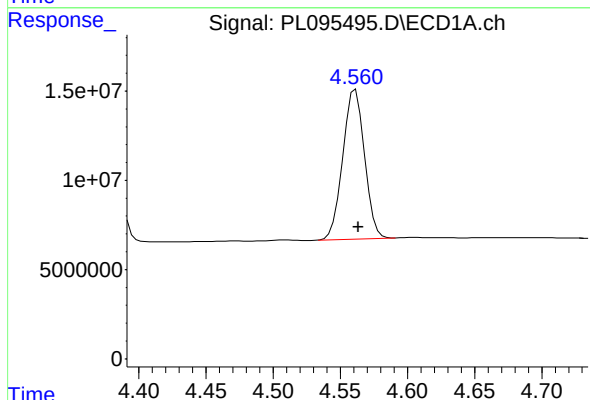
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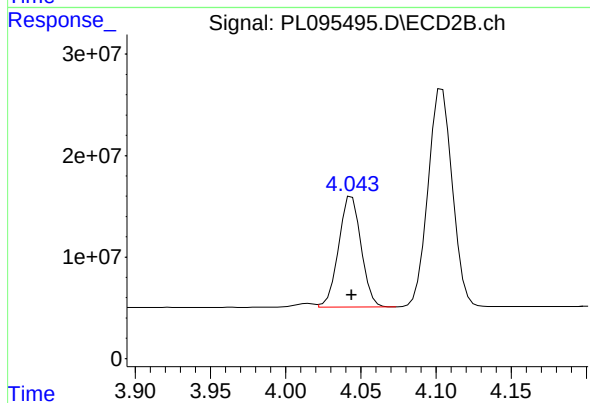
#5 Aldrin

R.T.: 4.388 min
Delta R.T.: -0.002 min
Response: 244207179
Conc: 59.34 ng/ml



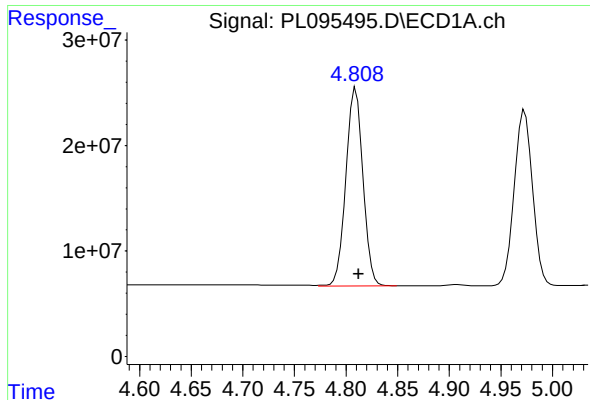
#6 beta-BHC

R.T.: 4.561 min
Delta R.T.: -0.002 min
Response: 94544237
Conc: 45.73 ng/ml



#6 beta-BHC

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 113445723
Conc: 54.65 ng/ml



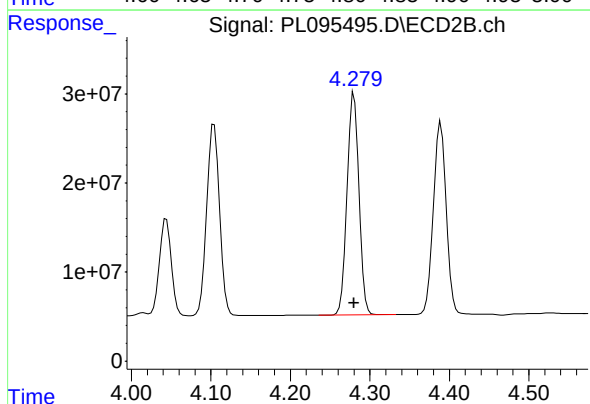
#7 delta-BHC

R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 216303308
Conc: 46.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

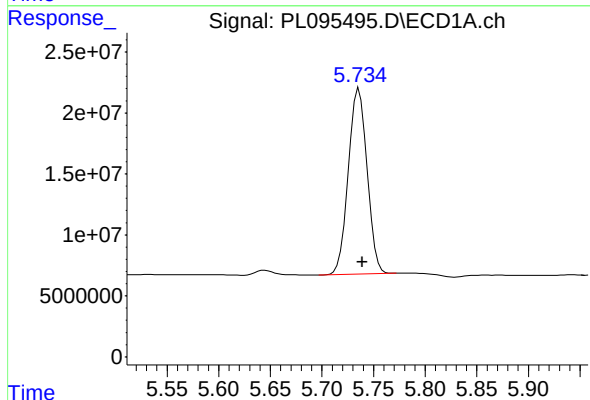
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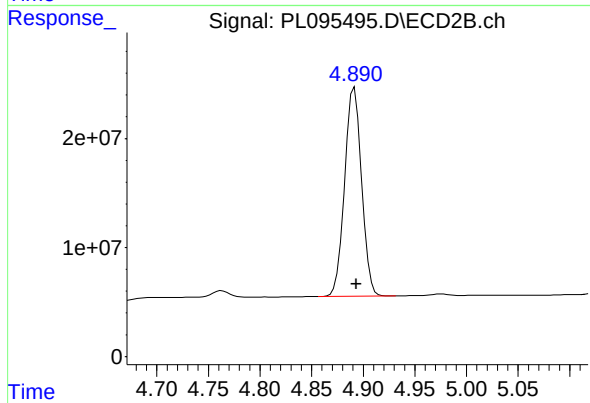
#7 delta-BHC

R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 258608107
Conc: 59.02 ng/ml



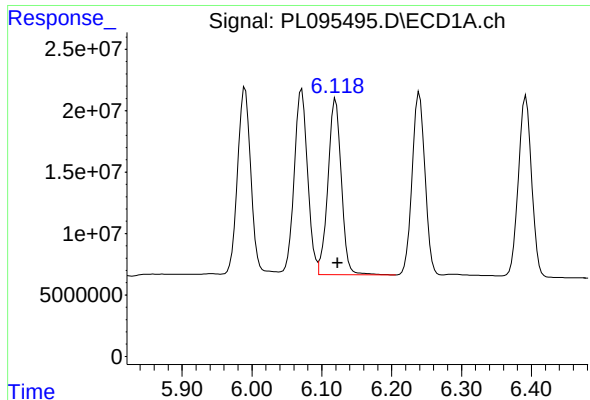
#8 Heptachlor epoxide

R.T.: 5.736 min
Delta R.T.: -0.003 min
Response: 192559792
Conc: 48.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 218898301
Conc: 56.67 ng/ml



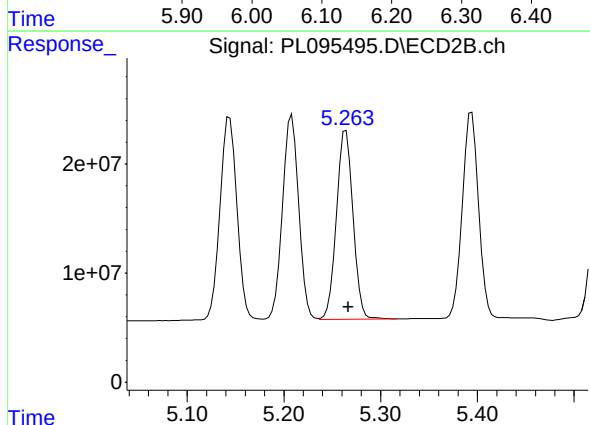
#9 Endosulfan I

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 190772559
Conc: 50.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

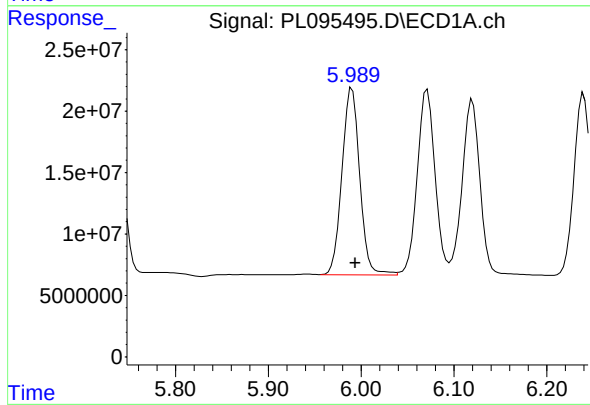
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Supervised By :mohammad ahmed 05/02/2025



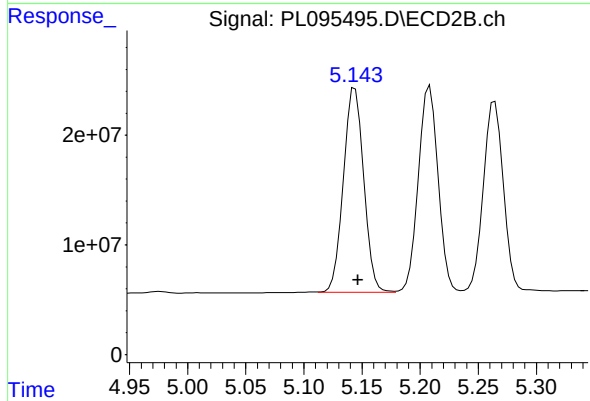
#9 Endosulfan I

R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 206652628
Conc: 56.46 ng/ml



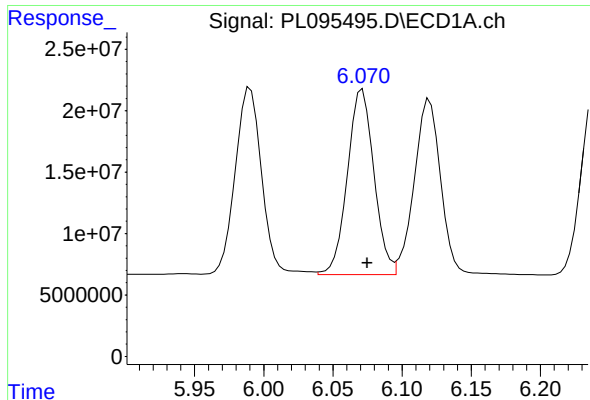
#10 gamma-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.003 min
Response: 202732390
Conc: 49.70 ng/ml



#10 gamma-Chlordane

R.T.: 5.143 min
Delta R.T.: -0.004 min
Response: 226568862
Conc: 55.91 ng/ml m



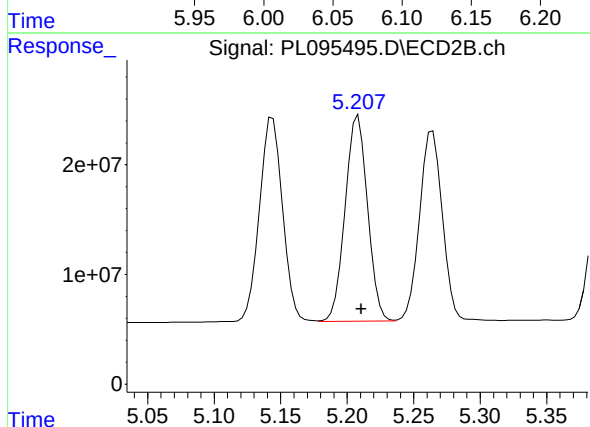
#11 alpha-Chlordane

R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 201517606
Conc: 49.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

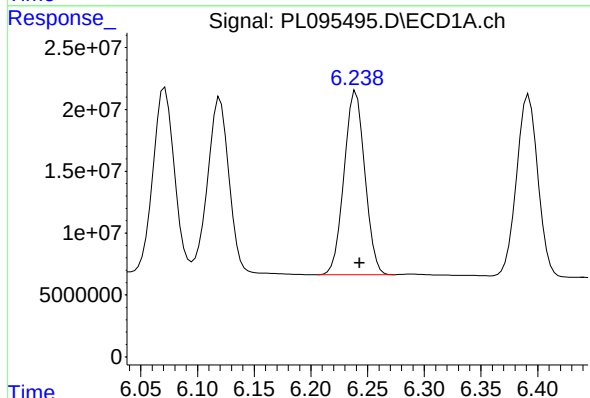
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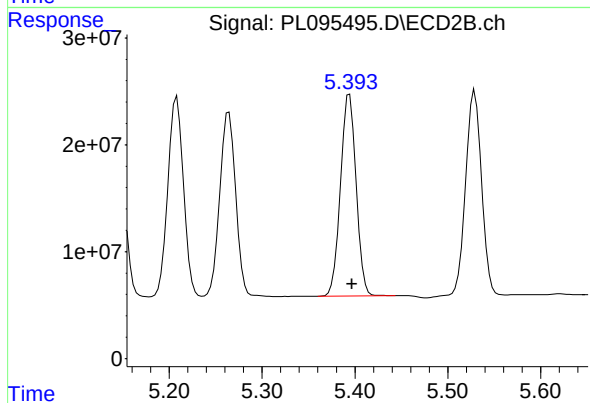
#11 alpha-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 220176479
Conc: 55.31 ng/ml



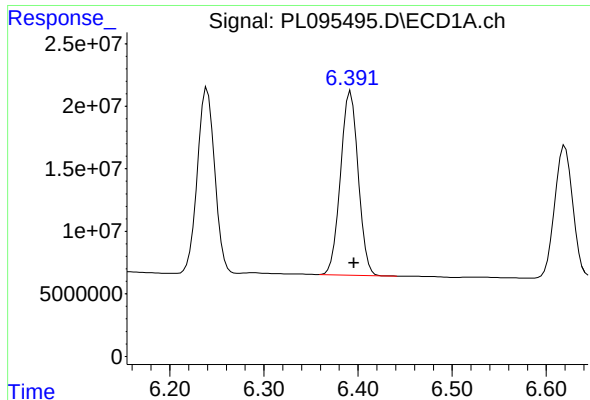
#12 4,4'-DDE

R.T.: 6.240 min
Delta R.T.: -0.003 min
Response: 189146785
Conc: 48.24 ng/ml



#12 4,4'-DDE

R.T.: 5.394 min
Delta R.T.: -0.003 min
Response: 220652486
Conc: 54.25 ng/ml



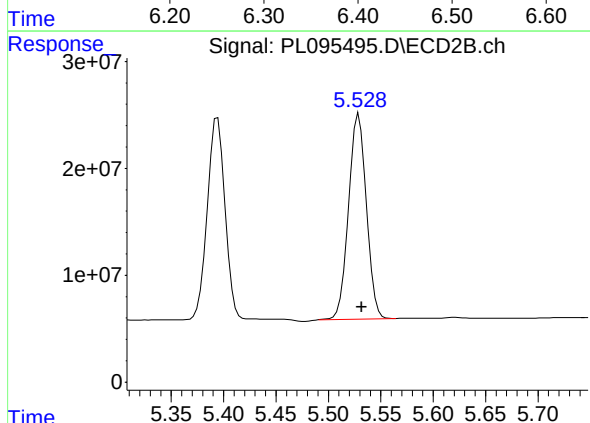
#13 Dieldrin

R.T.: 6.392 min
Delta R.T.: -0.003 min
Response: 192015335
Conc: 49.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

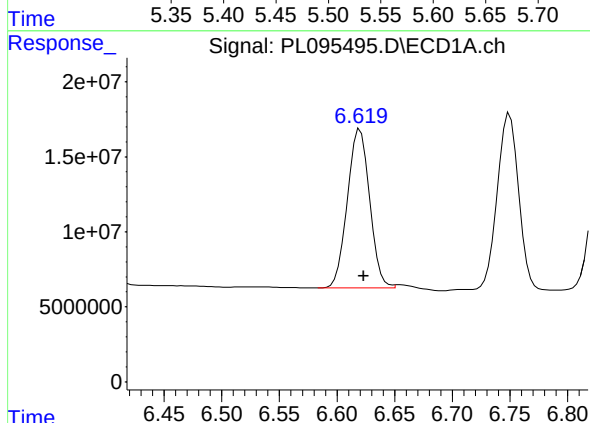
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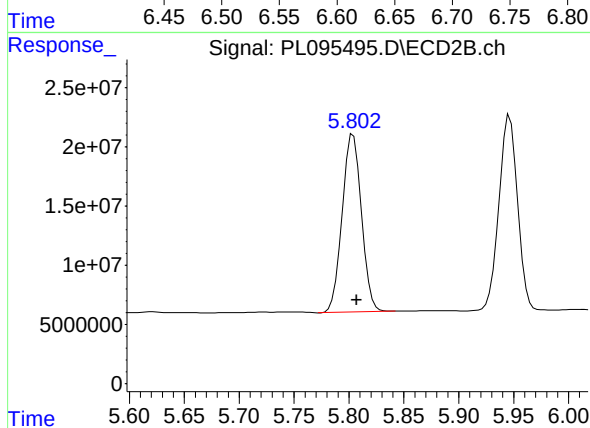
#13 Dieldrin

R.T.: 5.529 min
Delta R.T.: -0.003 min
Response: 228486607
Conc: 56.18 ng/ml



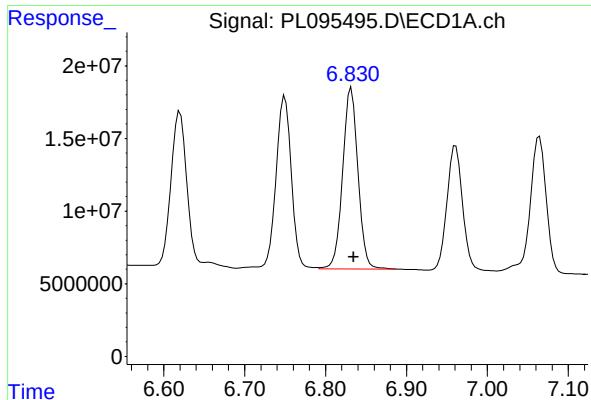
#14 Endrin

R.T.: 6.619 min
Delta R.T.: -0.005 min
Response: 141906444
Conc: 44.56 ng/ml m



#14 Endrin

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 183436292
Conc: 50.38 ng/ml



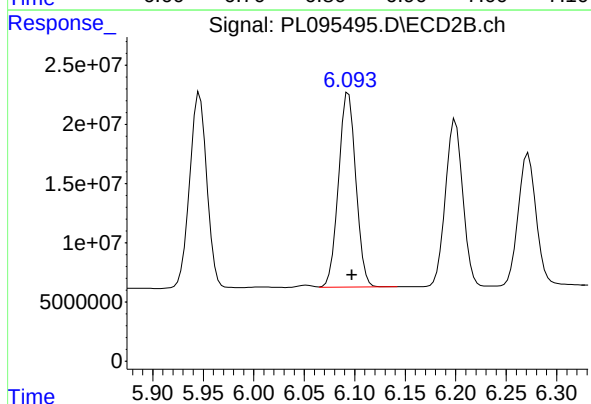
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.004 min
Response: 164274602
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

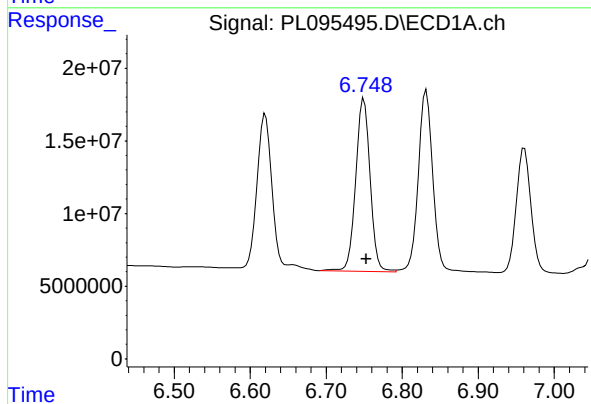
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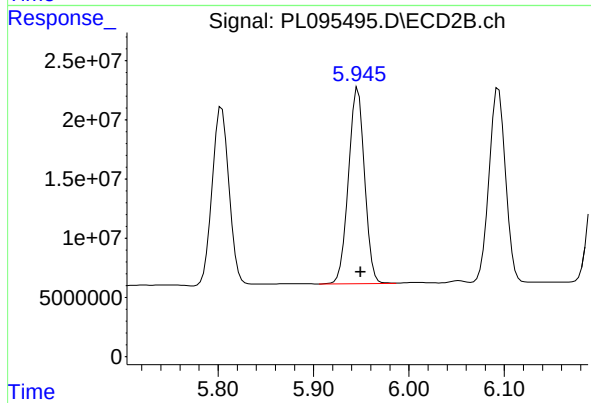
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 196651203
Conc: 54.76 ng/ml



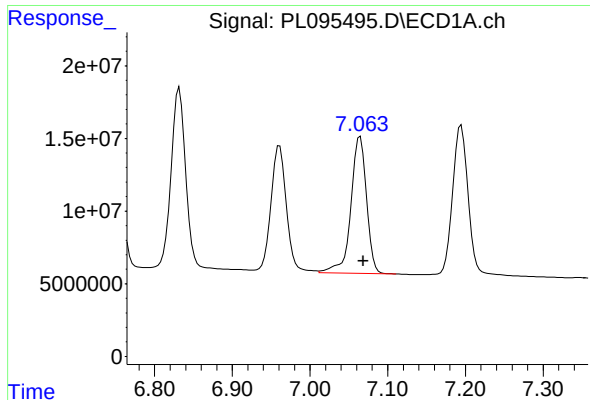
#16 4,4'-DDD

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 158212643
Conc: 55.89 ng/ml



#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 195675815
Conc: 59.90 ng/ml



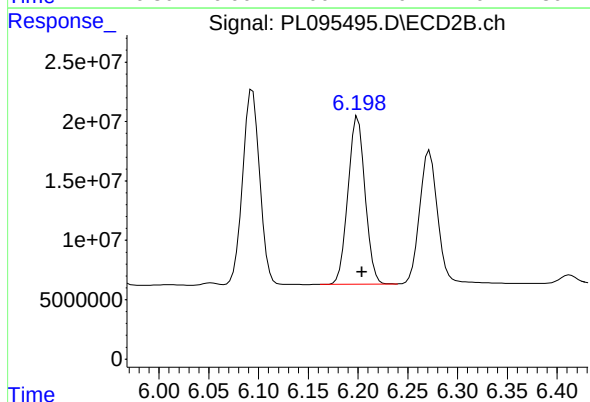
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: -0.004 min
Response: 130271804
Conc: 45.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

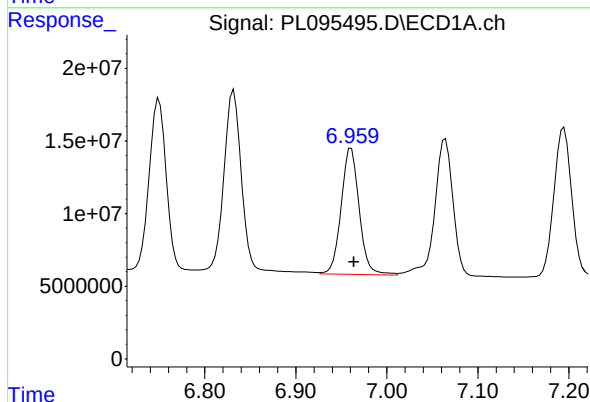
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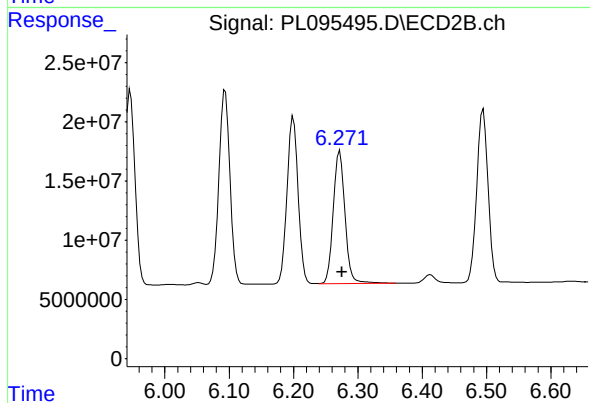
#17 4,4'-DDT

R.T.: 6.200 min
Delta R.T.: -0.004 min
Response: 169170711
Conc: 49.23 ng/ml



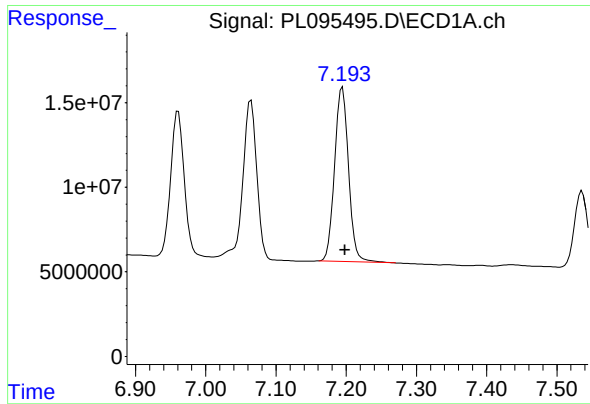
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: -0.003 min
Response: 119593736
Conc: 51.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.272 min
Delta R.T.: -0.004 min
Response: 142025119
Conc: 54.35 ng/ml



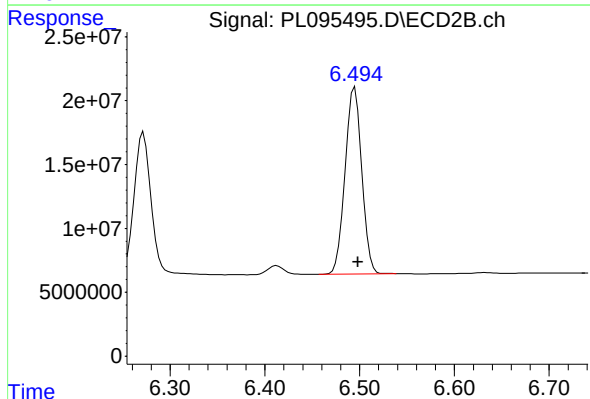
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 142024914
Conc: 50.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

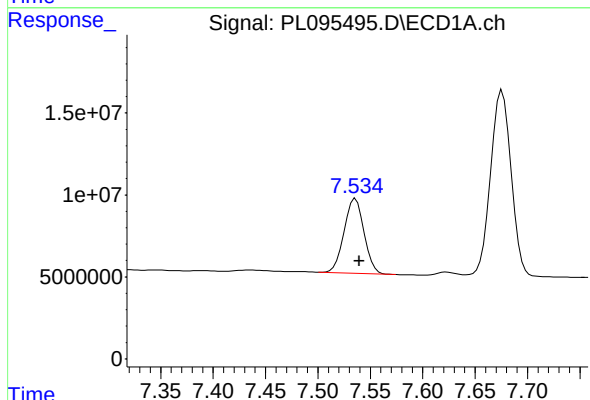
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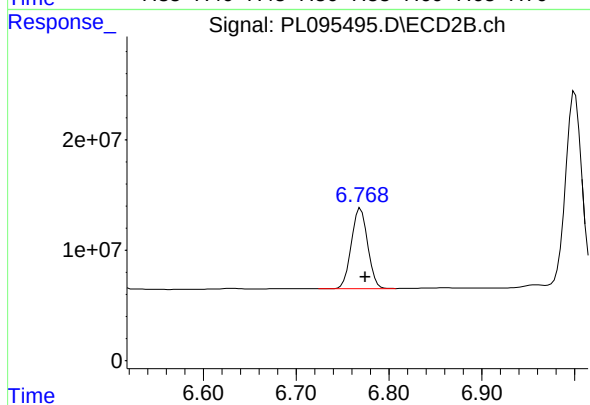
#19 Endosulfan Sulfate

R.T.: 6.495 min
Delta R.T.: -0.004 min
Response: 179215992
Conc: 54.01 ng/ml



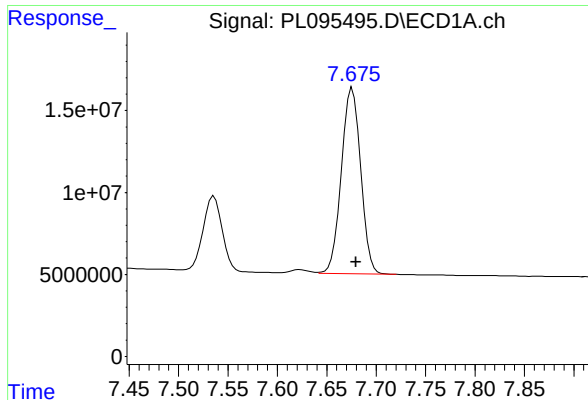
#20 Methoxychlor

R.T.: 7.536 min
Delta R.T.: -0.004 min
Response: 60546547
Conc: 43.40 ng/ml



#20 Methoxychlor

R.T.: 6.769 min
Delta R.T.: -0.005 min
Response: 89031914
Conc: 46.68 ng/ml



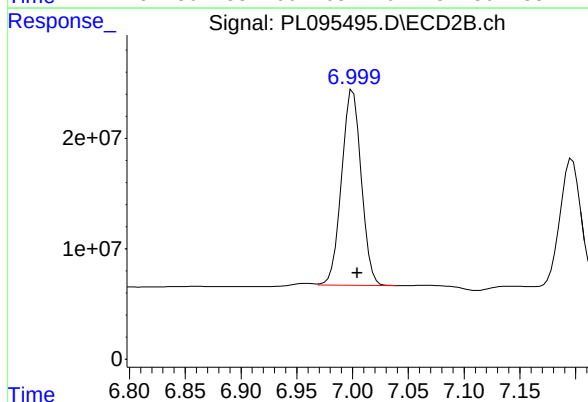
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: -0.003 min
Response: 154163643
Conc: 54.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

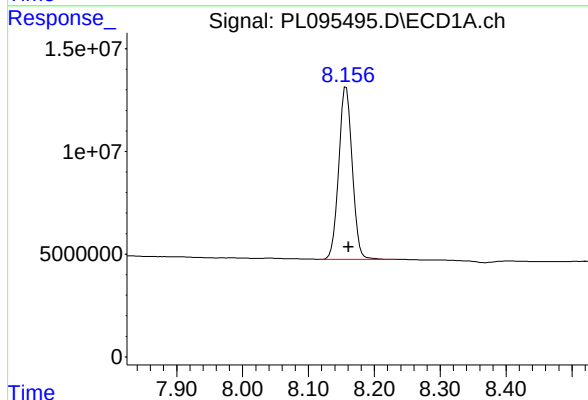
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Reviewed By :Abdul Mirza 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



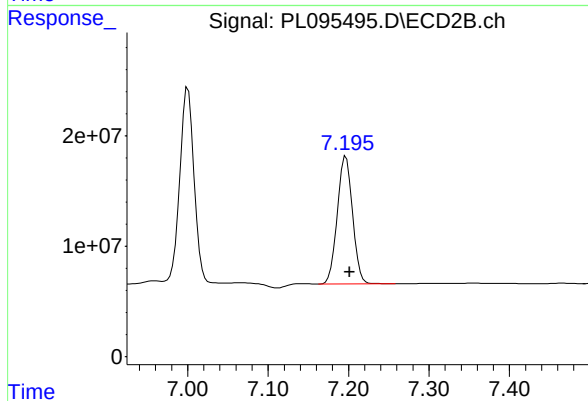
#21 Endrin ketone

R.T.: 6.999 min
Delta R.T.: -0.006 min
Response: 216730809
Conc: 61.55 ng/ml m



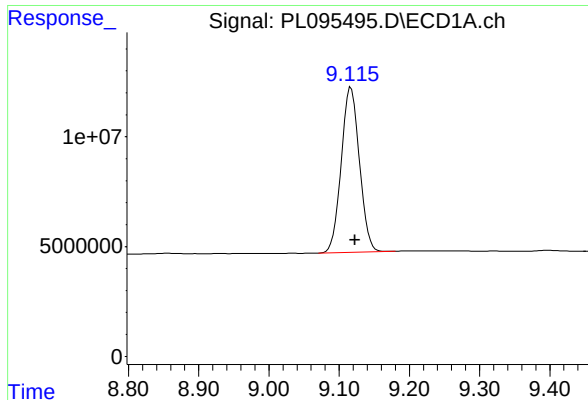
#22 Mirex

R.T.: 8.157 min
Delta R.T.: -0.003 min
Response: 119365097
Conc: 50.24 ng/ml



#22 Mirex

R.T.: 7.197 min
Delta R.T.: -0.005 min
Response: 152886124
Conc: 53.04 ng/ml



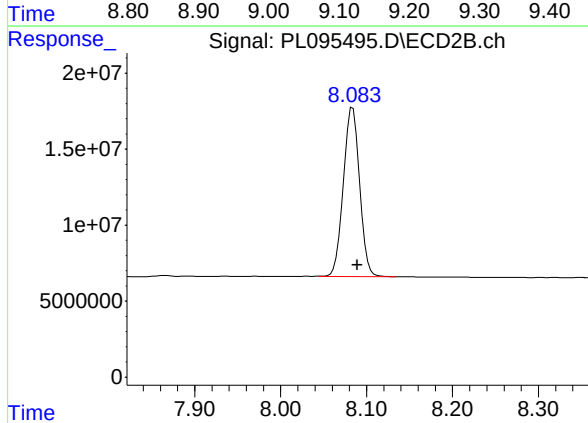
#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: -0.005 min
Response: 135230798
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: -0.007 min
Response: 145740505
Conc: 49.25 ng/ml m