

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
 Data File : PL095163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 23:33
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/10/2025
 Supervised By : mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:28:02 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...	3.534	2.768	132.6E6	182.6E6	46.843	51.173
28) SA Decachlor...	9.045	7.897	106.9E6	205.2E6	50.732	50.806
Target Compounds						
2) A alpha-BHC	3.990	3.269	192.3E6	277.8E6	46.321	51.533
3) MA gamma-BHC...	4.322	3.599	185.1E6	261.7E6	46.397	50.929
4) MA Heptachlor	4.909	3.935	168.8E6	249.9E6	43.477	47.427
5) MB Aldrin	5.250	4.214	166.8E6	240.7E6	45.164	49.365
6) B beta-BHC	4.522	3.899	83974744	114.3E6	45.509	51.458
7) B delta-BHC	4.768	4.126	184.6E6	259.5E6	47.400	51.883
8) B Heptachlo...	5.678	4.717	155.4E6	224.1E6	46.452	48.937
9) A Endosulfan I	6.063	5.085	144.9E6	185.4E6	47.180	42.255m
10) B gamma-Chl...	5.933	4.965	158.0E6	236.6E6	46.892	48.998m
11) B alpha-Chl...	6.012	5.029	155.2E6	235.6E6	47.078	49.370m
12) B 4,4'-DDE	6.186	5.217	150.7E6	235.2E6	51.213	50.592m
13) MA Dieldrin	6.338	5.349	152.2E6	236.1E6	47.584	48.668m
14) MA Endrin	6.567	5.625	115.5E6	201.6E6	41.676m	46.203
15) B Endosulfa...	6.788	5.919	131.2E6	216.2E6	48.316	49.945m
16) A 4,4'-DDD	6.704	5.773	121.7E6	198.7E6	56.173	55.265
17) MA 4,4'-DDT	7.018	6.023	109.5E6	184.8E6	46.050	45.837
18) B Endrin al...	6.918	6.100	99236115	160.1E6	47.009	47.561
19) B Endosulfa...	7.153	6.323	117.4E6	202.0E6	48.280	49.586
20) A Methoxychlor	7.494	6.598	56328509	100.5E6	47.055	47.376
21) B Endrin ke...	7.638	6.826	134.3E6	246.9E6	50.794	51.736m
22) Mirex	8.109	7.005	95686704	179.2E6	46.309	47.221m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
Data File : PL095163.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 23:33
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

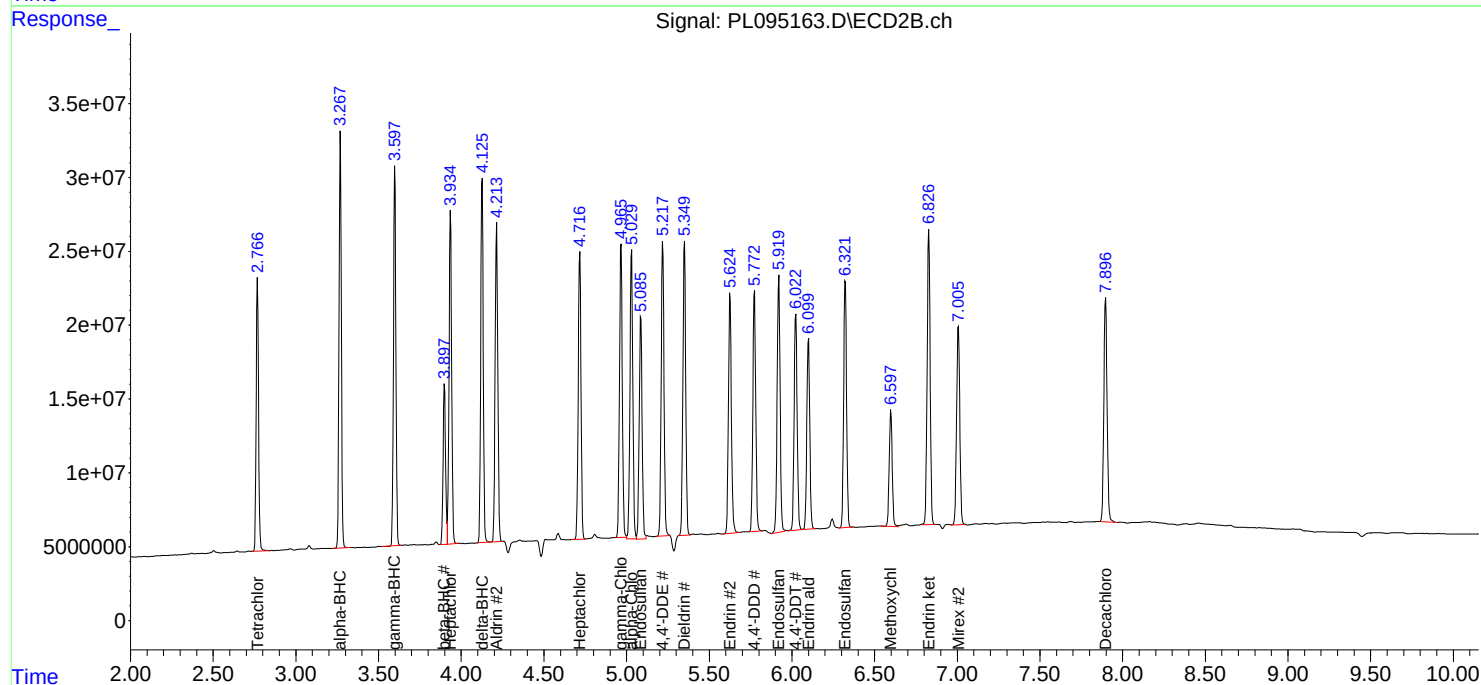
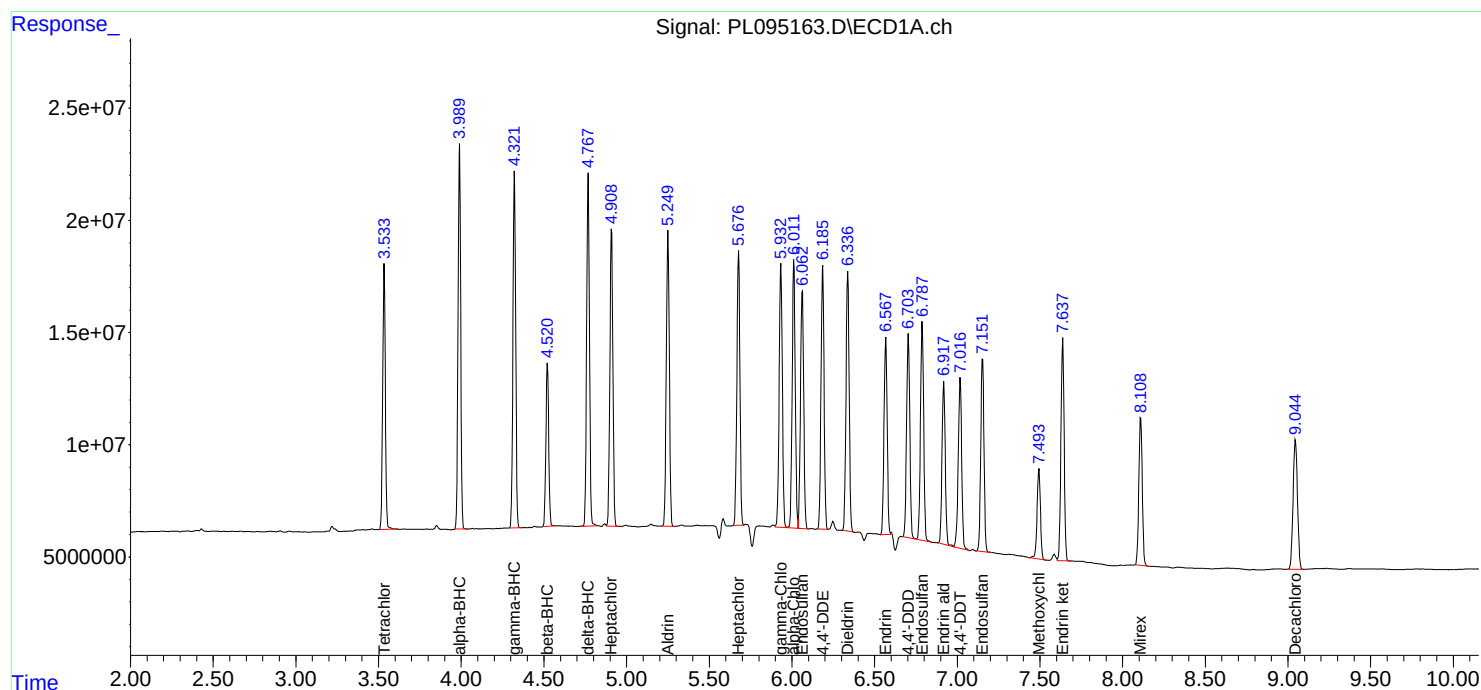
APPROVED

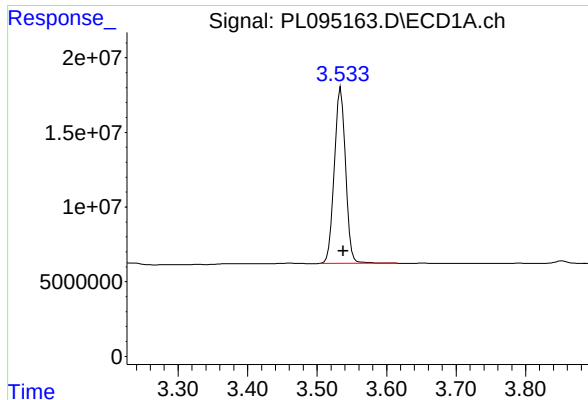
Reviewed By :Abdul Mirza 04/10/2025

Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:28:02 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





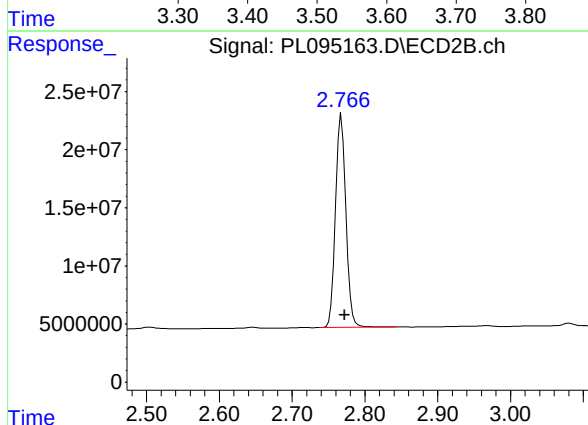
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 132598359
Conc: 46.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

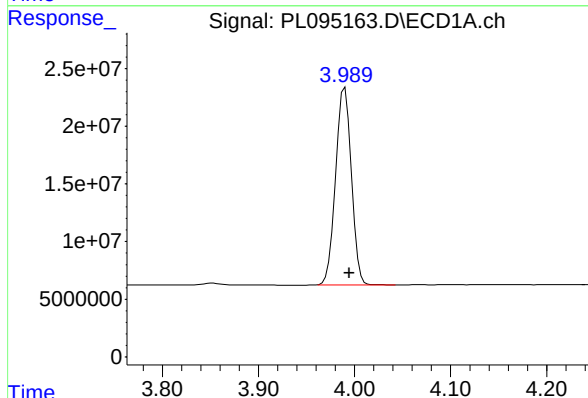
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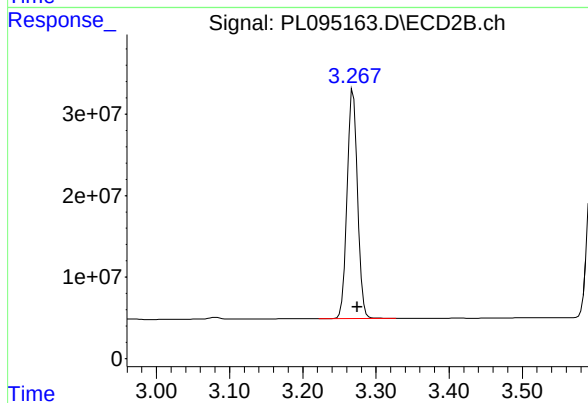
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 182649716
Conc: 51.17 ng/ml



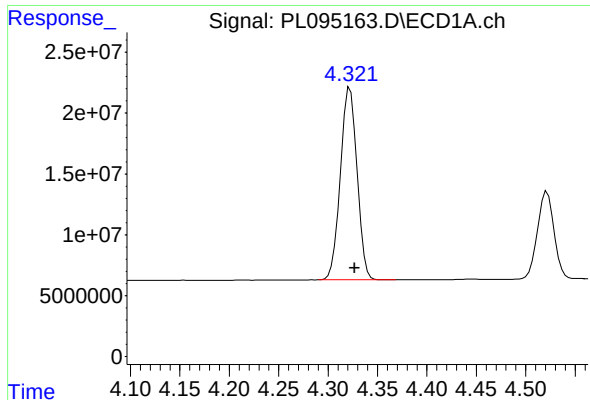
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 192342748
Conc: 46.32 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.005 min
Response: 277833613
Conc: 51.53 ng/ml



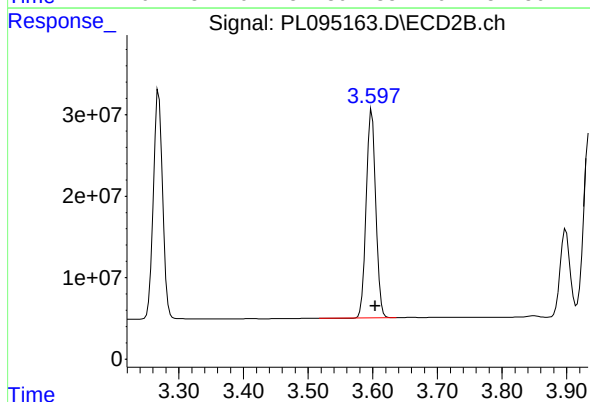
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.005 min
Response: 185135635
Conc: 46.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

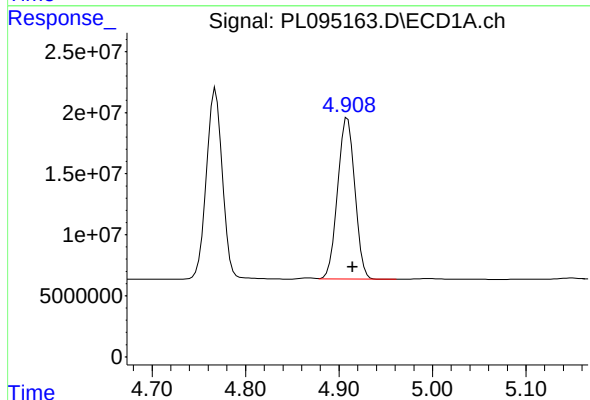
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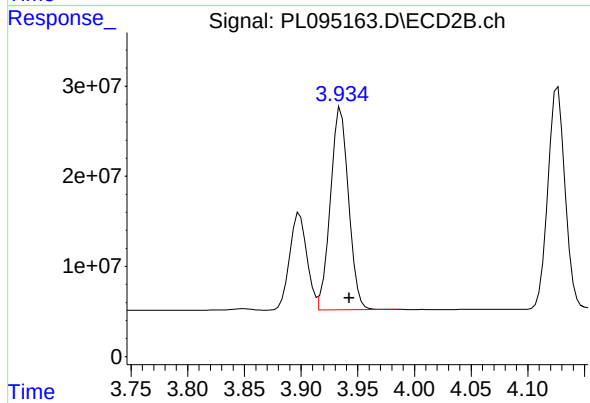
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.006 min
Response: 261746748
Conc: 50.93 ng/ml



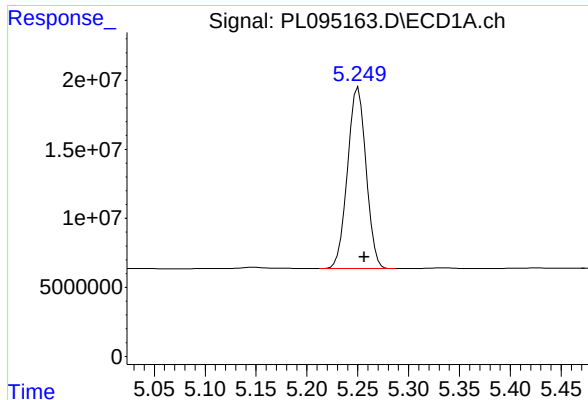
#4 Heptachlor

R.T.: 4.909 min
Delta R.T.: -0.005 min
Response: 168762536
Conc: 43.48 ng/ml



#4 Heptachlor

R.T.: 3.935 min
Delta R.T.: -0.007 min
Response: 249874433
Conc: 47.43 ng/ml



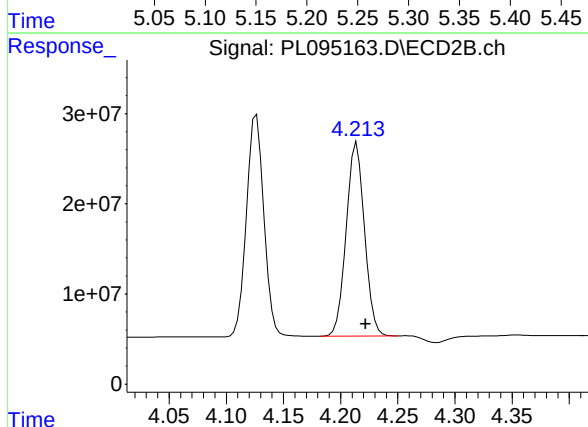
#5 Aldrin

R.T.: 5.250 min
Delta R.T.: -0.006 min
Response: 166756531
Conc: 45.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

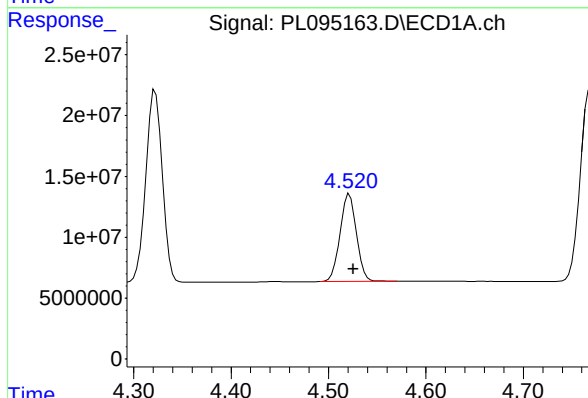
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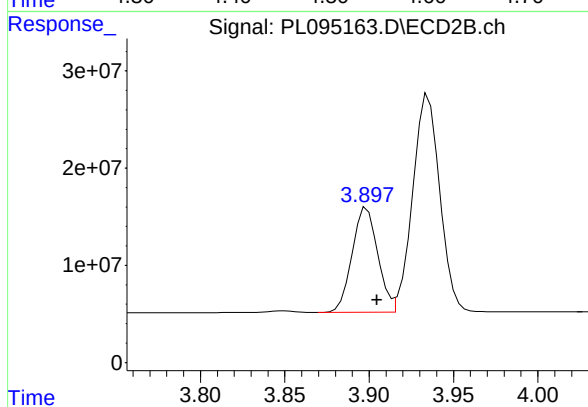
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: -0.007 min
Response: 240719745
Conc: 49.36 ng/ml



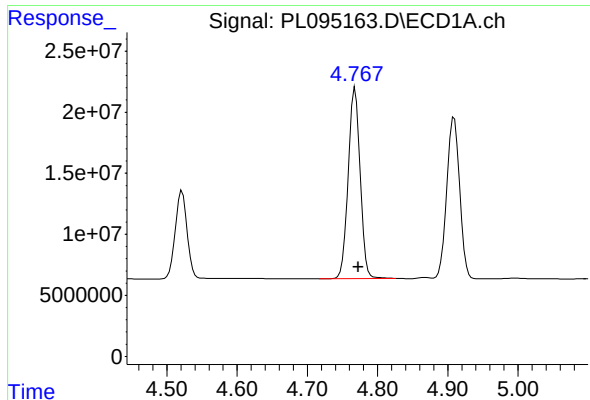
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.004 min
Response: 83974744
Conc: 45.51 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.006 min
Response: 114302329
Conc: 51.46 ng/ml



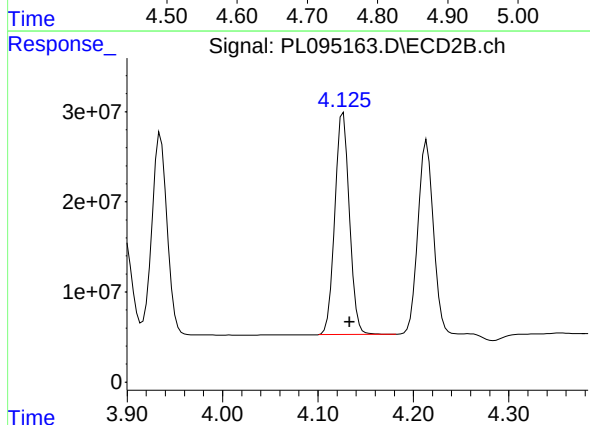
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: -0.005 min
Response: 184588860
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

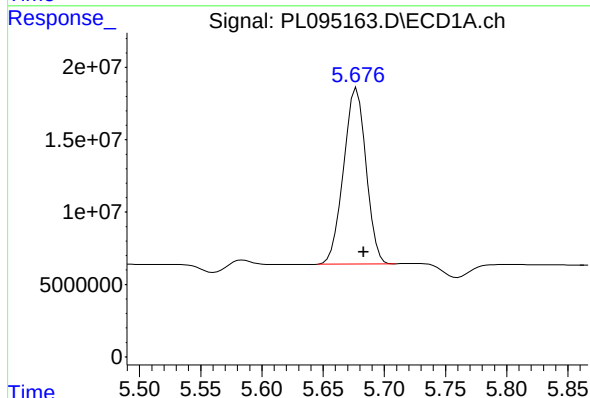
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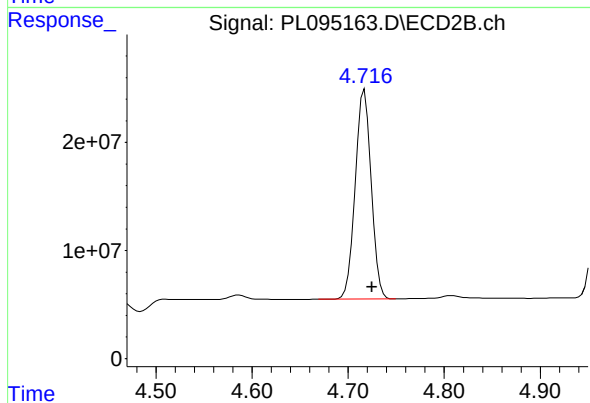
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: -0.007 min
Response: 259518394
Conc: 51.88 ng/ml



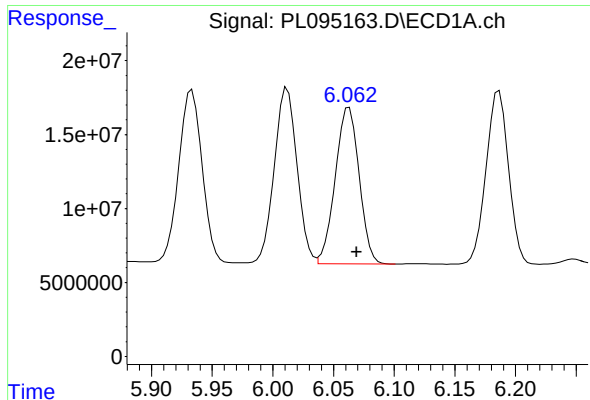
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.006 min
Response: 155391501
Conc: 46.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: -0.008 min
Response: 224064324
Conc: 48.94 ng/ml



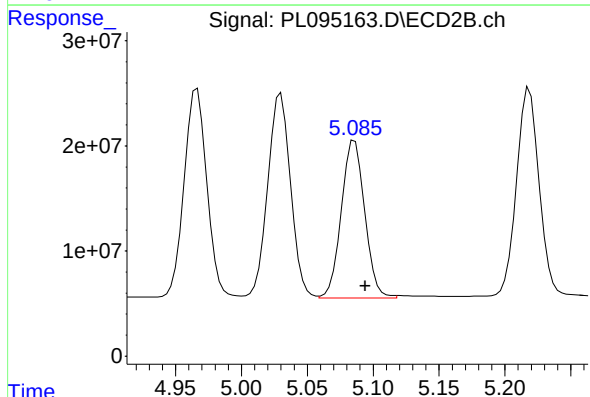
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: -0.006 min
Response: 144853611
Conc: 47.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

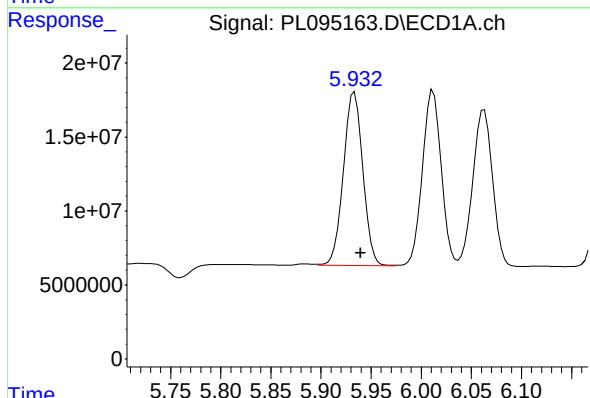
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Supervised By :mohammad ahmed 04/11/2025



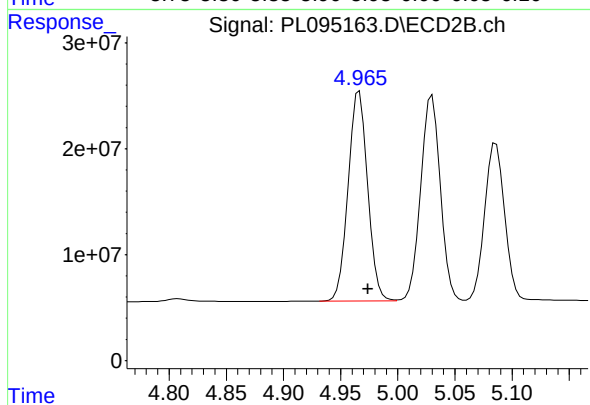
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.009 min
Response: 185446275
Conc: 42.26 ng/ml m



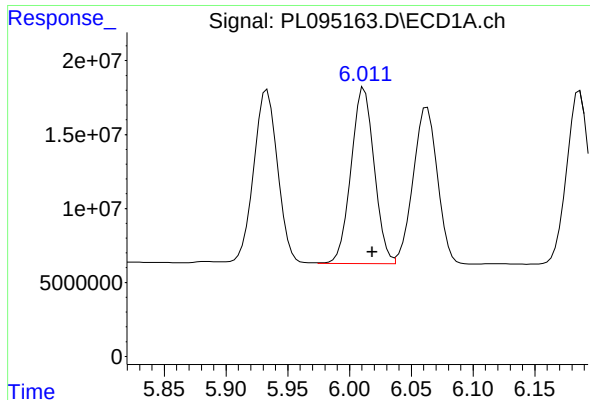
#10 gamma-Chlordane

R.T.: 5.933 min
Delta R.T.: -0.006 min
Response: 157994839
Conc: 46.89 ng/ml



#10 gamma-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.009 min
Response: 236582366
Conc: 49.00 ng/ml m



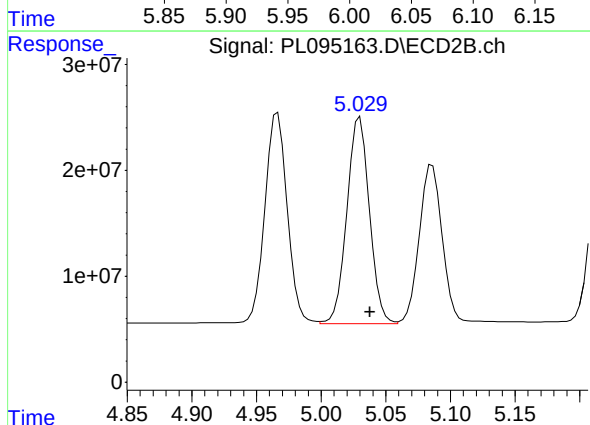
#11 alpha-Chlordane

R.T.: 6.012 min
Delta R.T.: -0.007 min
Response: 155208623
Conc: 47.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

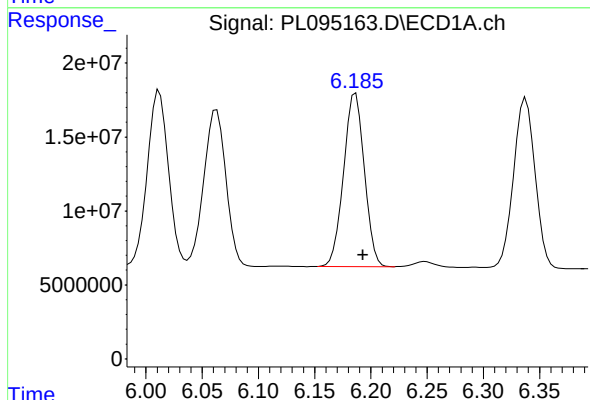
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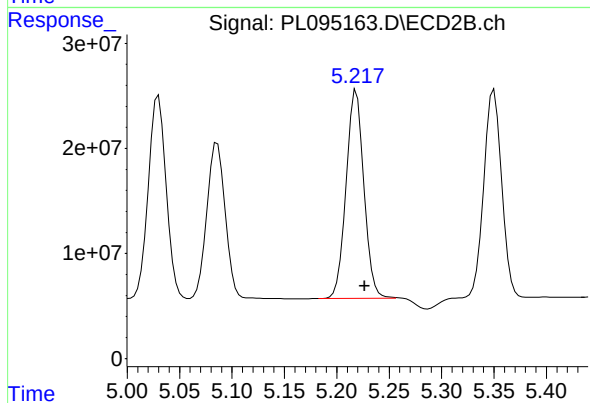
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: -0.009 min
Response: 235633320
Conc: 49.37 ng/ml



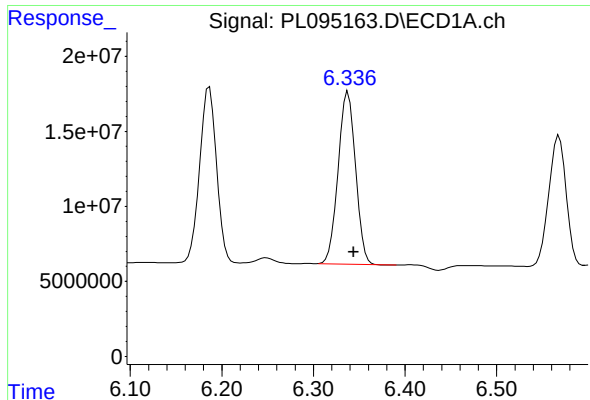
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.007 min
Response: 150671771
Conc: 51.21 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.009 min
Response: 235177456
Conc: 50.59 ng/ml



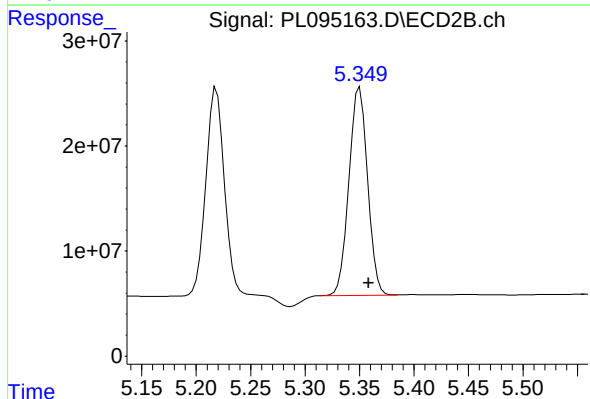
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 152180923
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

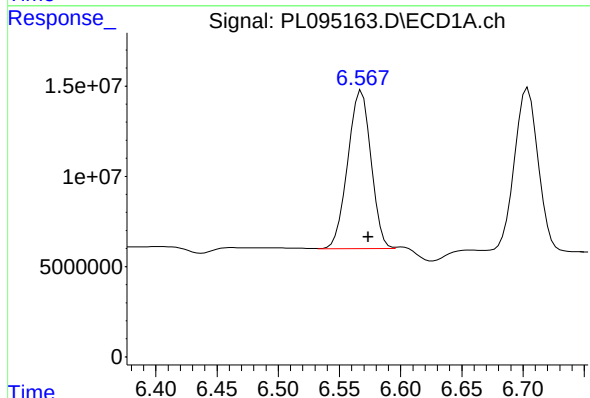
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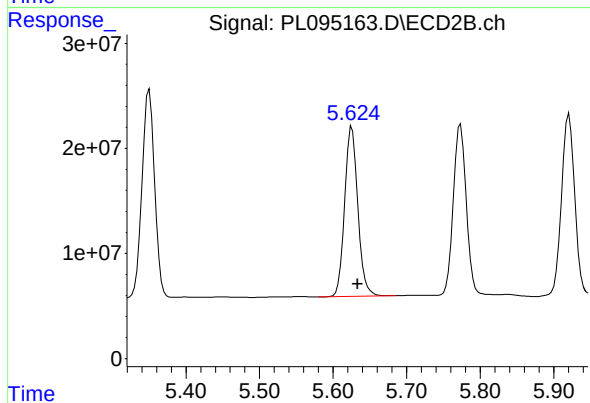
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: -0.009 min
Response: 236127296
Conc: 48.67 ng/ml m



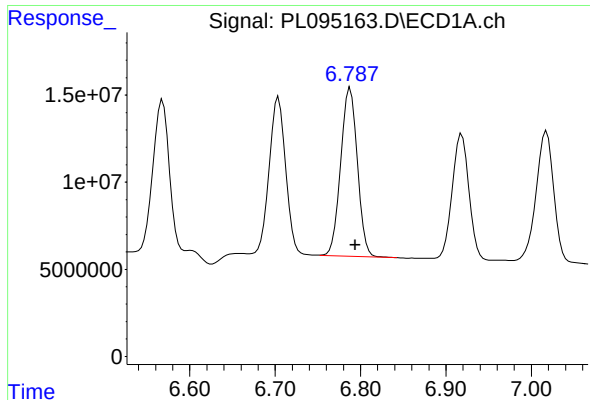
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.007 min
Response: 115529001
Conc: 41.68 ng/ml m



#14 Endrin

R.T.: 5.625 min
Delta R.T.: -0.008 min
Response: 201614951
Conc: 46.20 ng/ml



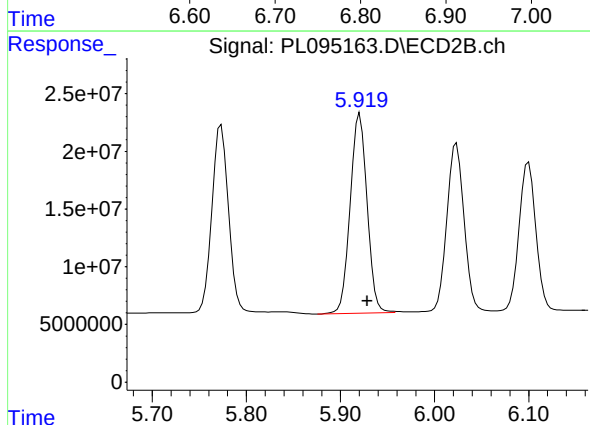
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: -0.006 min
Response: 131166161
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

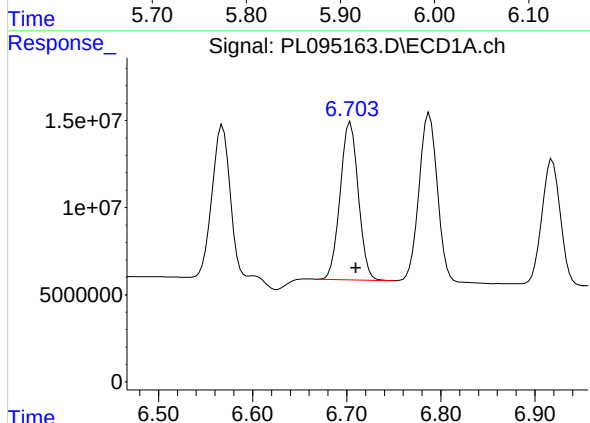
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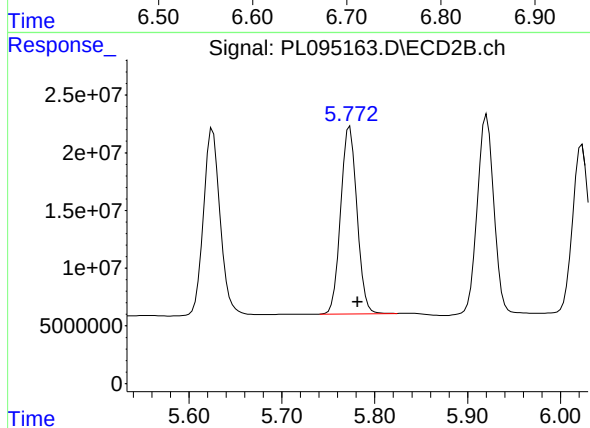
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: -0.009 min
Response: 216174586
Conc: 49.94 ng/ml m



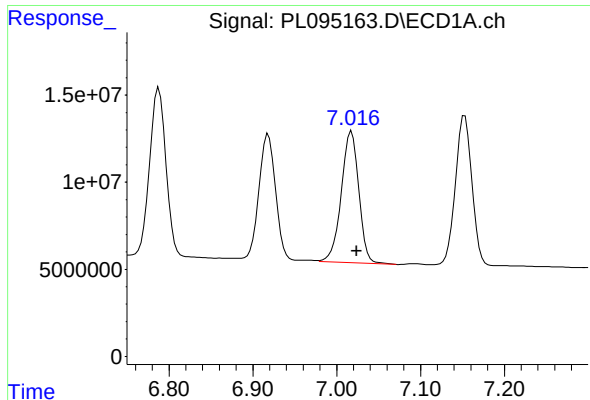
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 121675026
Conc: 56.17 ng/ml



#16 4,4'-DDD

R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 198728370
Conc: 55.27 ng/ml



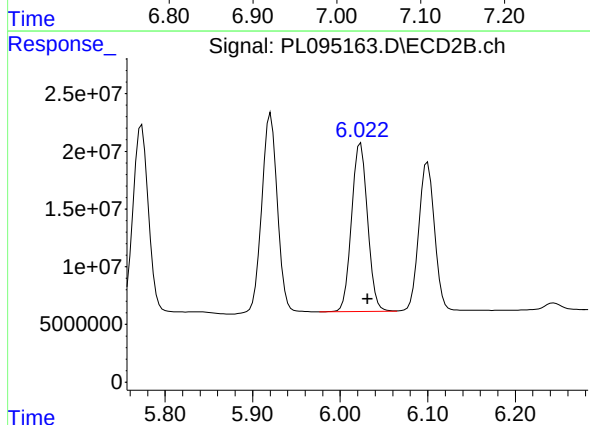
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 109531539
Conc: 46.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

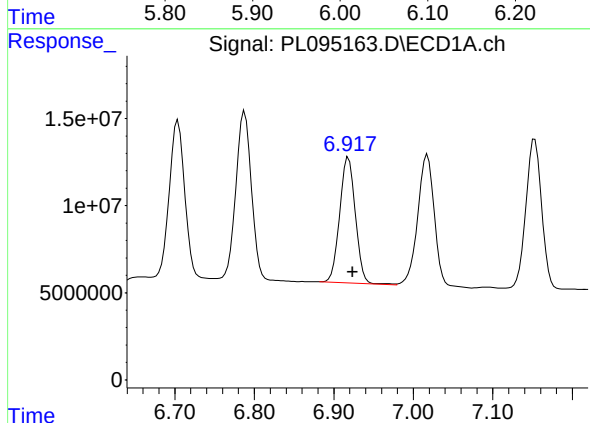
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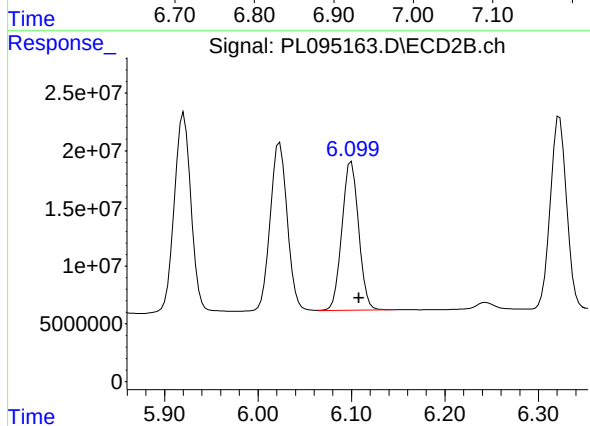
#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.008 min
Response: 184821005
Conc: 45.84 ng/ml



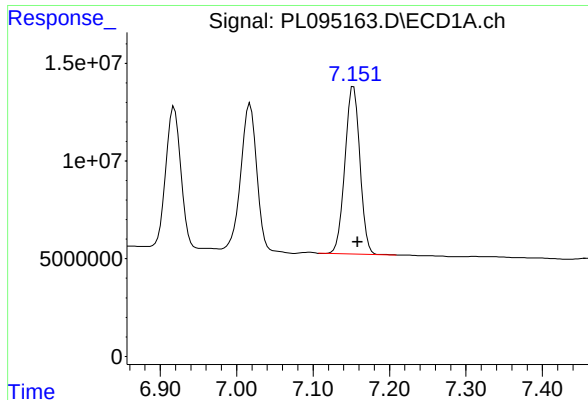
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: -0.005 min
Response: 99236115
Conc: 47.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.100 min
Delta R.T.: -0.008 min
Response: 160059551
Conc: 47.56 ng/ml



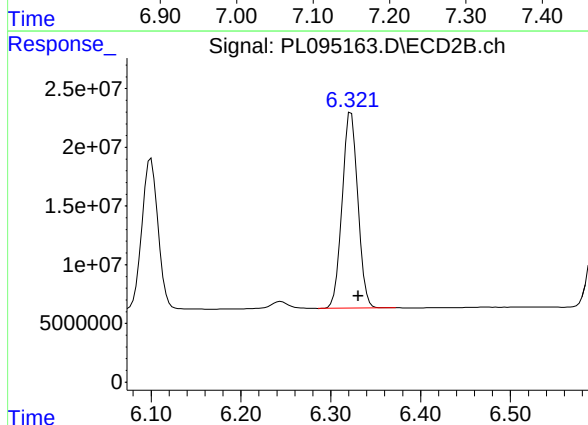
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: -0.006 min
Response: 117417072
Conc: 48.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

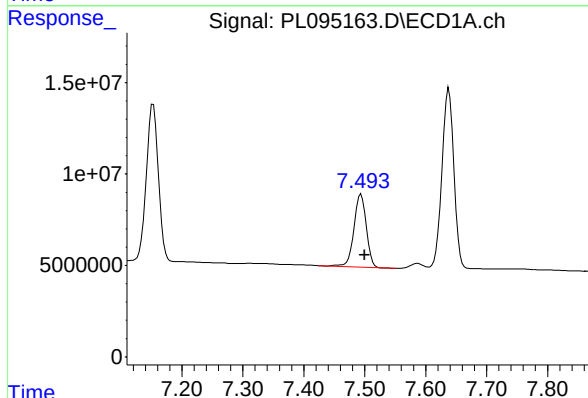
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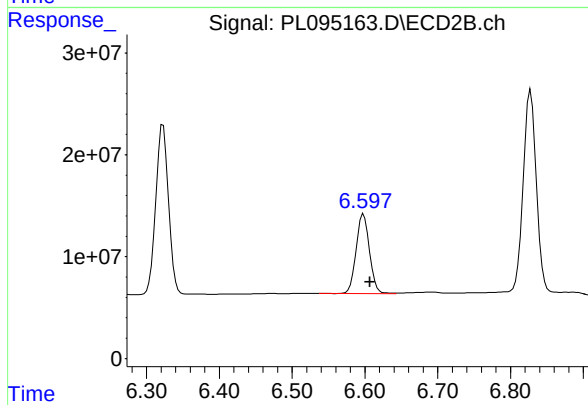
#19 Endosulfan Sulfate

R.T.: 6.323 min
Delta R.T.: -0.008 min
Response: 201987048
Conc: 49.59 ng/ml



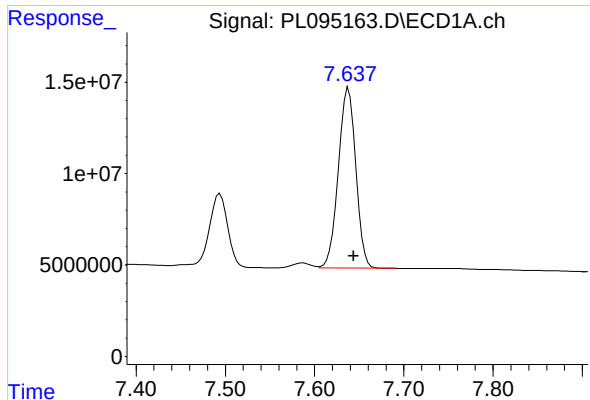
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: -0.006 min
Response: 56328509
Conc: 47.06 ng/ml



#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: -0.009 min
Response: 100486868
Conc: 47.38 ng/ml



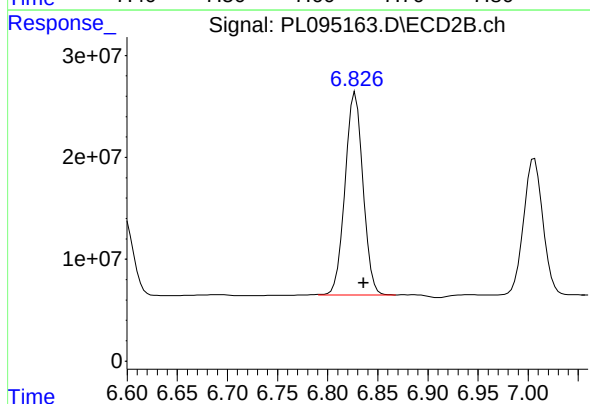
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 134261894
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

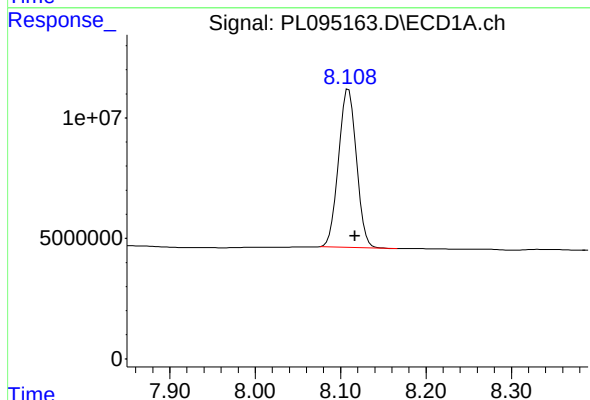
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Reviewed By :Abdul Mirza 04/10/2025
Supervised By :mohammad ahmed 04/11/2025



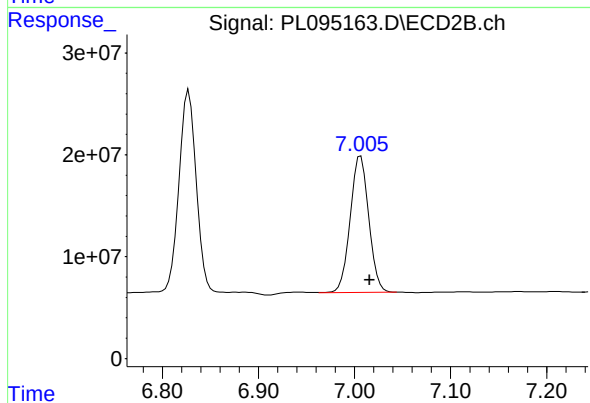
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.010 min
Response: 246914842
Conc: 51.74 ng/ml m



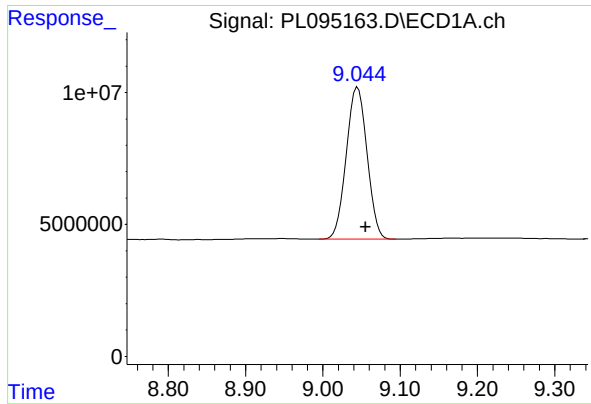
#22 Mirex

R.T.: 8.109 min
Delta R.T.: -0.008 min
Response: 95686704
Conc: 46.31 ng/ml



#22 Mirex

R.T.: 7.005 min
Delta R.T.: -0.011 min
Response: 179217630
Conc: 47.22 ng/ml m



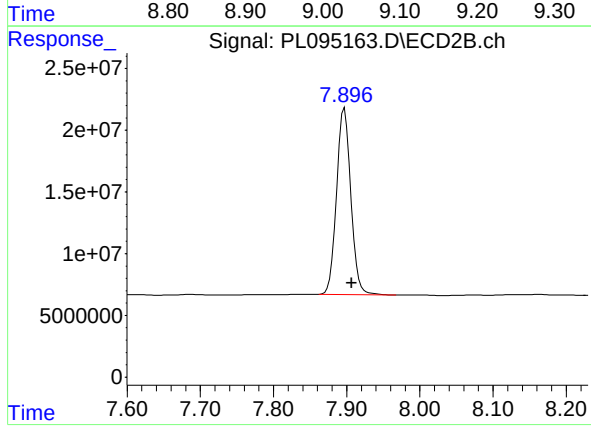
#28 Decachlorobiphenyl

R.T.: 9.045 min
Delta R.T.: -0.011 min
Response: 106915389
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 04/11/2025



#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.010 min
Response: 205222964
Conc: 50.81 ng/ml