

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072225\
 Data File : PL096512.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2025 13:48
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/23/2025
 Supervised By : mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 01:47:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.536	2.828	194.1E6	329.3E6	53.197	57.051
28) SA Decachlor...	9.015	7.991	137.2E6	250.3E6	48.772	50.192
Target Compounds						
2) A alpha-BHC	3.983	3.333	283.3E6	500.1E6	55.075	59.297
3) MA gamma-BHC...	4.311	3.665	271.5E6	462.7E6	54.520	58.748
4) MA Heptachlor	4.903	4.014	250.5E6	448.1E6	54.673	58.899
5) MB Aldrin	5.243	4.297	254.6E6	426.1E6	52.681	58.404
6) B beta-BHC	4.497	3.961	115.0E6	194.8E6	55.332	56.884
7) B delta-BHC	4.743	4.194	247.8E6	453.1E6	55.303	58.829
8) B Heptachlo...	5.662	4.799	229.7E6	380.0E6	55.351	56.843
9) A Endosulfan I	6.044	5.170	209.2E6	352.2E6	51.813	49.091
10) B gamma-Chl...	5.916	5.051	230.4E6	400.3E6	52.076	57.020
11) B alpha-Chl...	5.997	5.115	227.7E6	389.7E6	51.999	51.826
12) B 4,4'-DDE	6.166	5.304	193.4E6	367.7E6	52.169	56.890
13) MA Dieldrin	6.316	5.434	219.4E6	387.2E6	51.882	56.785
14) MA Endrin	6.542	5.708	175.4E6	358.1E6	56.403	58.745
15) B Endosulfa...	6.753	6.000	195.0E6	329.4E6	56.188m	56.181
16) A 4,4'-DDD	6.675	5.856	155.4E6	305.0E6	53.368	59.470
17) MA 4,4'-DDT	6.989	6.108	165.0E6	317.0E6	54.349	55.274
18) B Endrin al...	6.883	6.178	129.7E6	243.5E6	58.022	54.658
19) B Endosulfa...	7.117	6.402	156.2E6	318.3E6	51.072	56.596
20) A Methoxychlor	7.462	6.680	84923041	166.5E6	53.906	54.815
21) B Endrin ke...	7.596	6.906	162.2E6	334.8E6	49.116	53.543
22) Mirex	8.076	7.097	137.9E6	258.9E6	49.555	52.110

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072225\
Data File : PL096512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 13:48
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

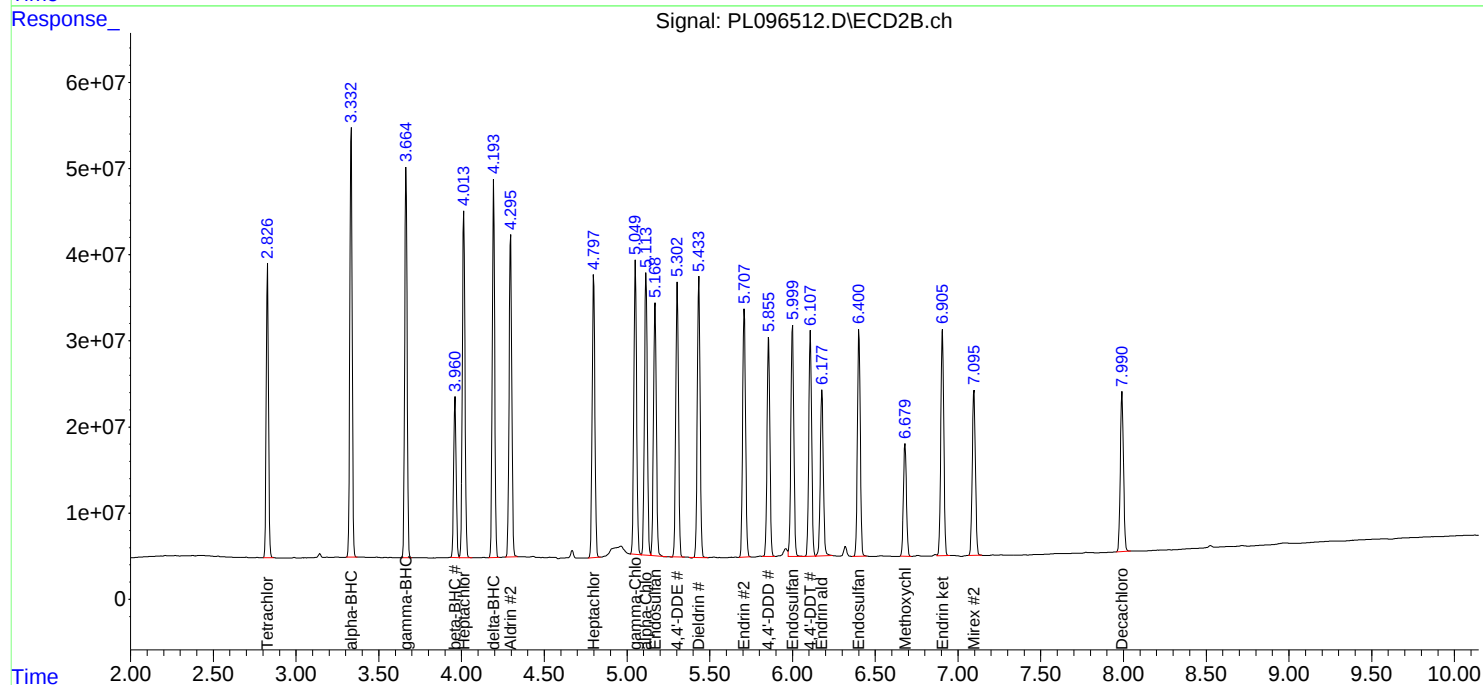
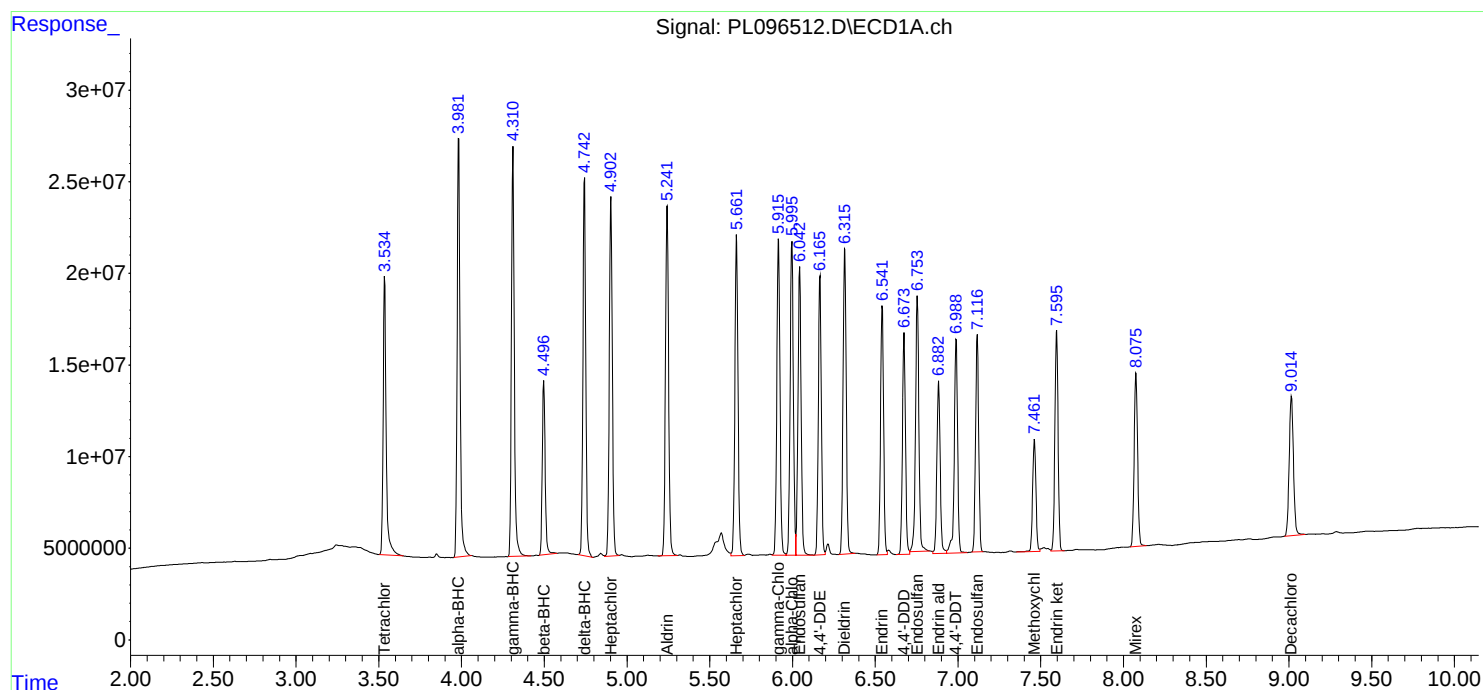
APPROVED

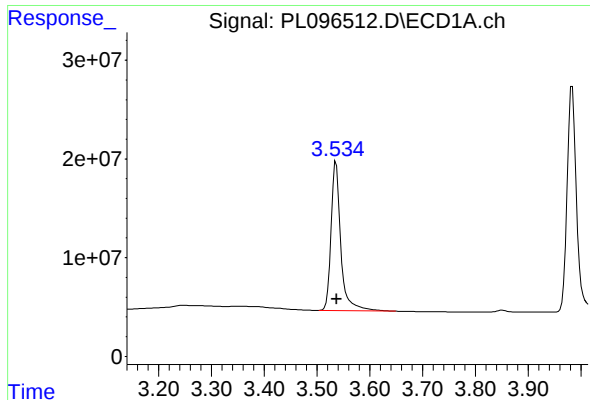
Reviewed By :Abdul Mirza 07/23/2025

Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:47:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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





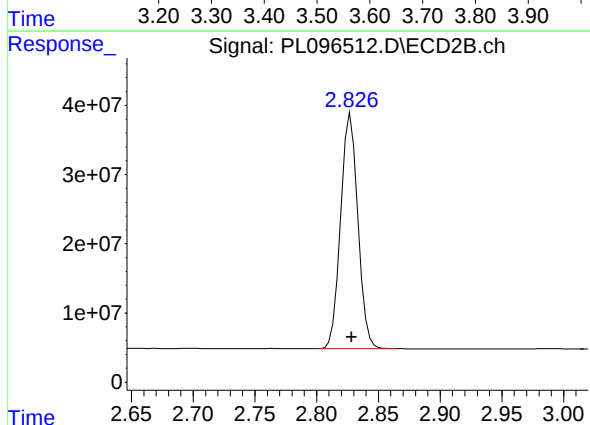
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.001 min
Response: 194112877
Conc: 53.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

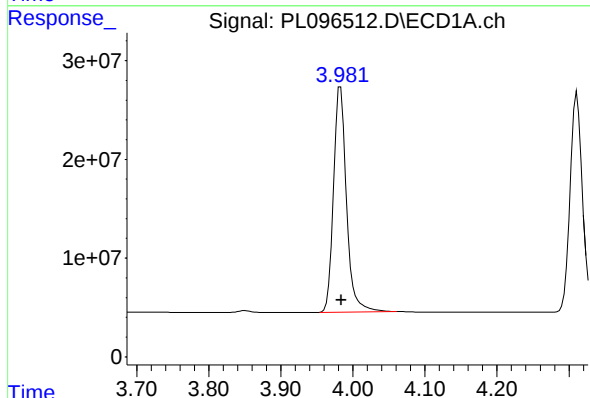
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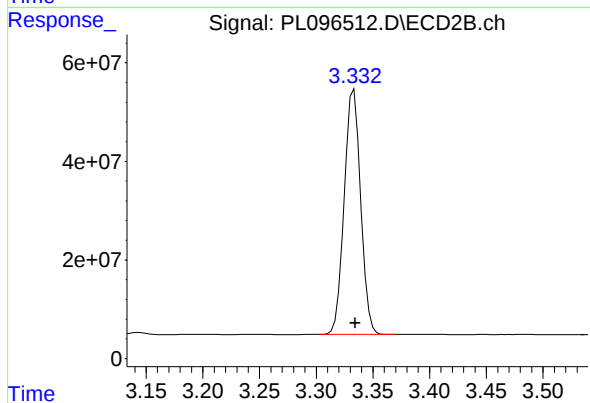
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 329255104
Conc: 57.05 ng/ml



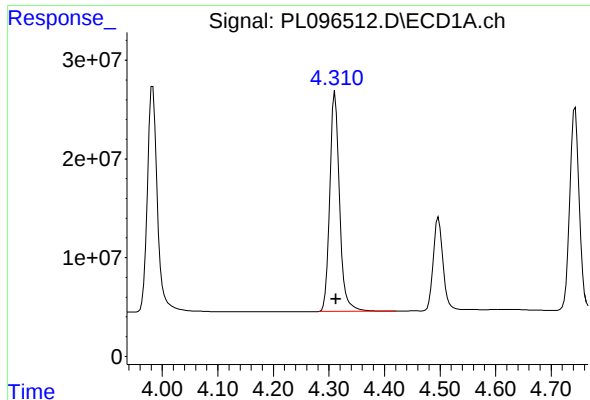
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: -0.001 min
Response: 283260867
Conc: 55.08 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.001 min
Response: 500128867
Conc: 59.30 ng/ml



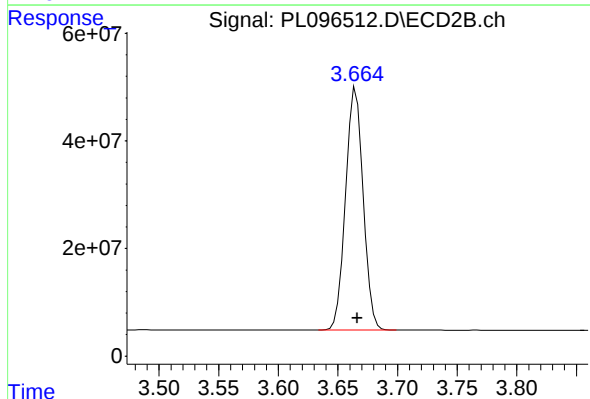
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: -0.002 min
Response: 271491253
Conc: 54.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

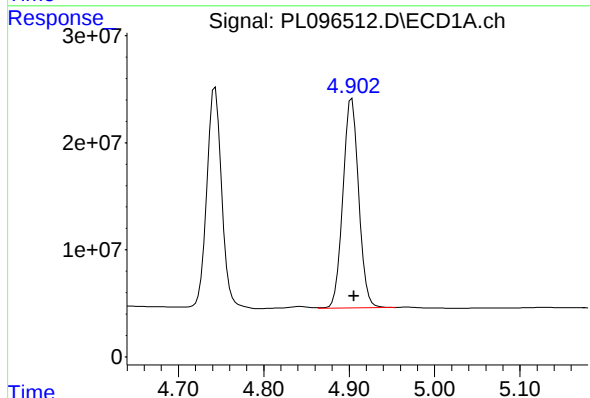
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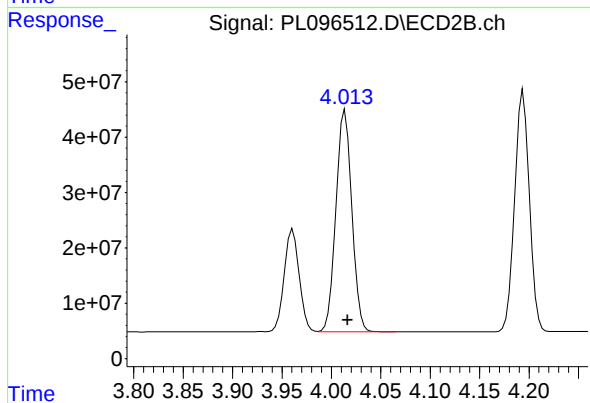
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.002 min
Response: 462688286
Conc: 58.75 ng/ml



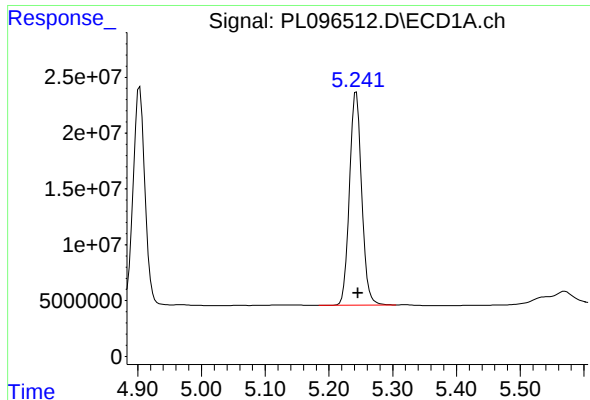
#4 Heptachlor

R.T.: 4.903 min
Delta R.T.: -0.002 min
Response: 250469188
Conc: 54.67 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 448091560
Conc: 58.90 ng/ml



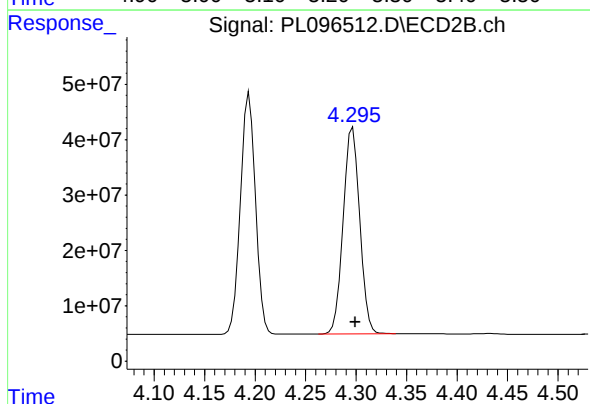
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: -0.003 min
Response: 254643597
Conc: 52.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

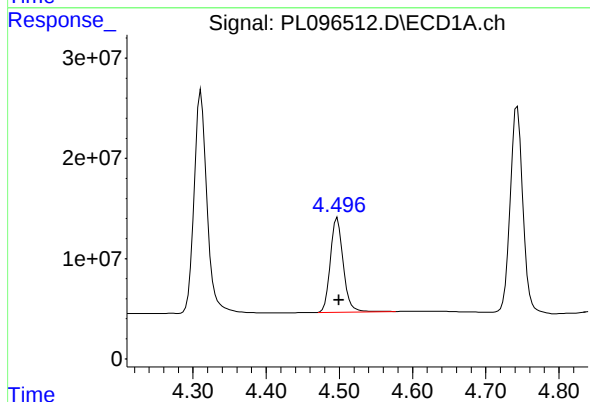
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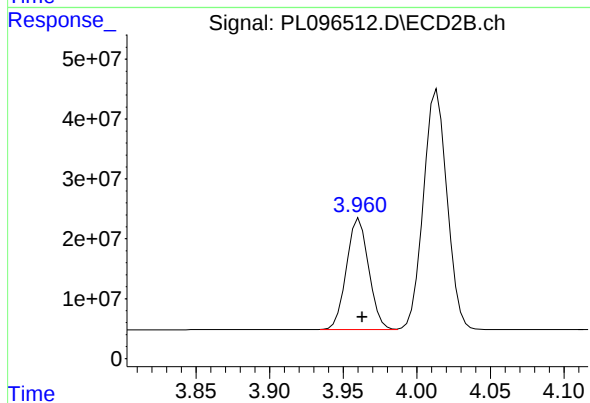
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.003 min
Response: 426091357
Conc: 58.40 ng/ml



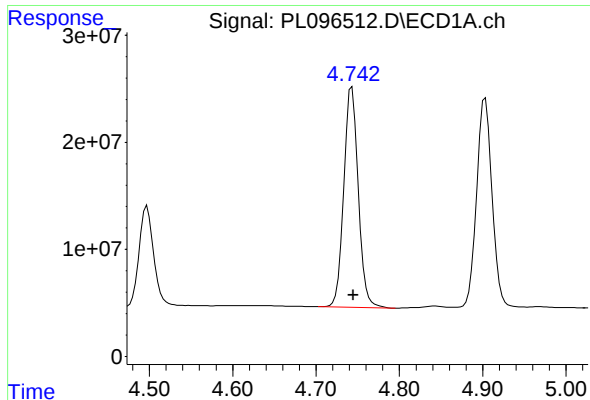
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: -0.002 min
Response: 115023324
Conc: 55.33 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 194765437
Conc: 56.88 ng/ml



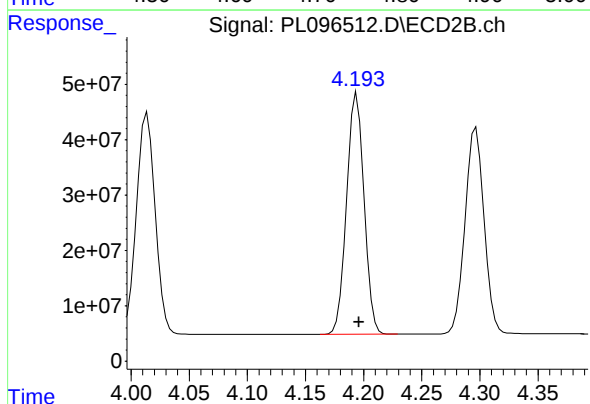
#7 delta-BHC

R.T.: 4.743 min
Delta R.T.: -0.002 min
Response: 247831702
Conc: 55.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

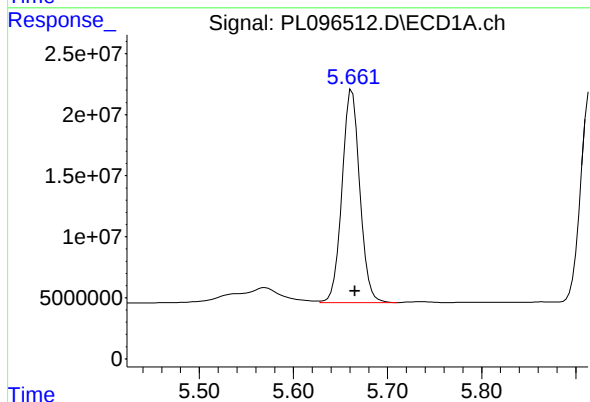
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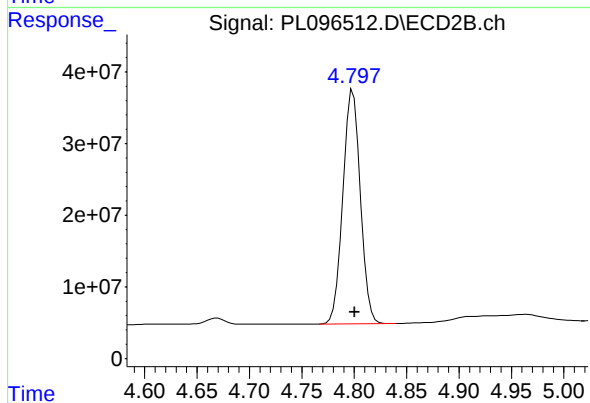
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 453095585
Conc: 58.83 ng/ml



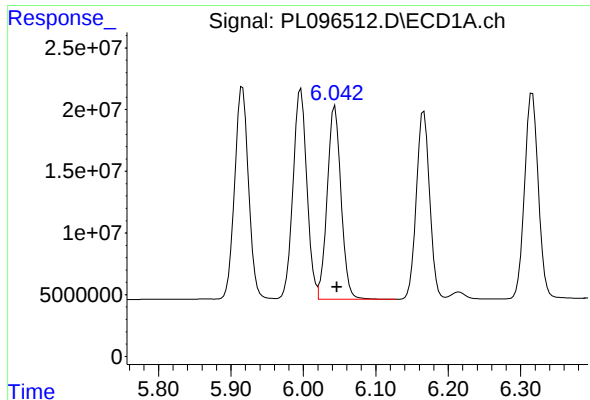
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 229661422
Conc: 55.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: -0.002 min
Response: 379988717
Conc: 56.84 ng/ml



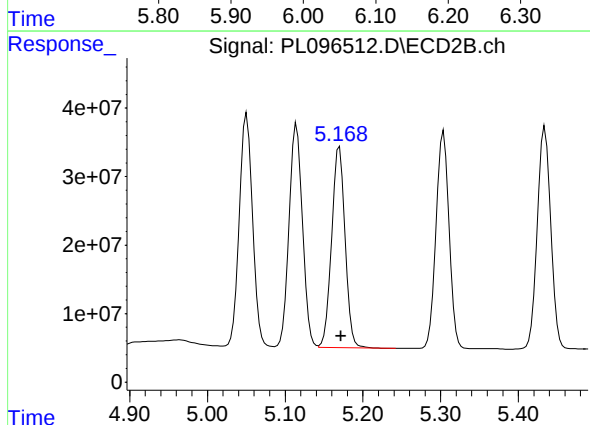
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: -0.003 min
Response: 209183439
Conc: 51.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

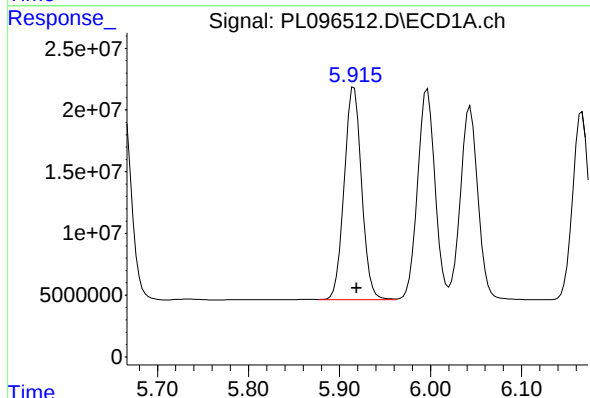
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Supervised By :mohammad ahmed 07/24/2025



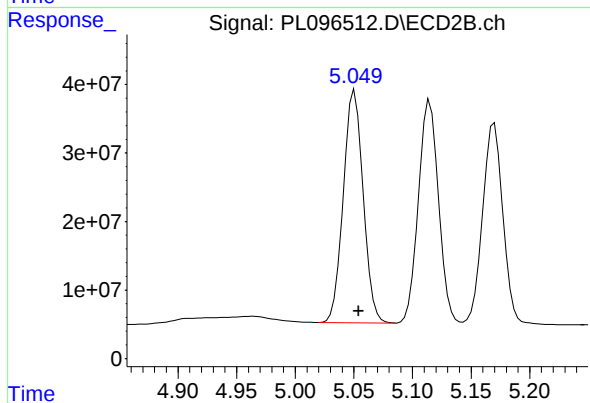
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 352182443
Conc: 49.09 ng/ml



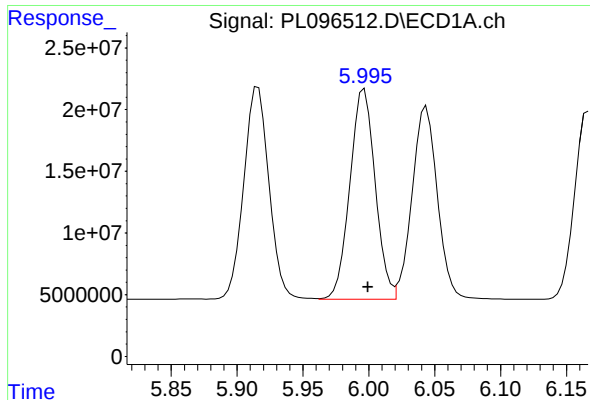
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.003 min
Response: 230423830
Conc: 52.08 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.004 min
Response: 400261588
Conc: 57.02 ng/ml



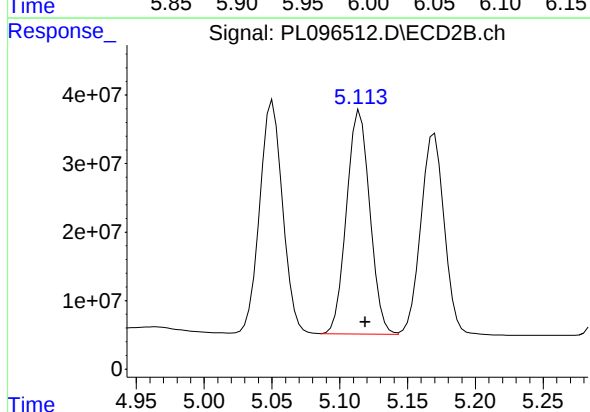
#11 alpha-Chlordane

R.T.: 5.997 min
Delta R.T.: -0.003 min
Response: 227694468
Conc: 52.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

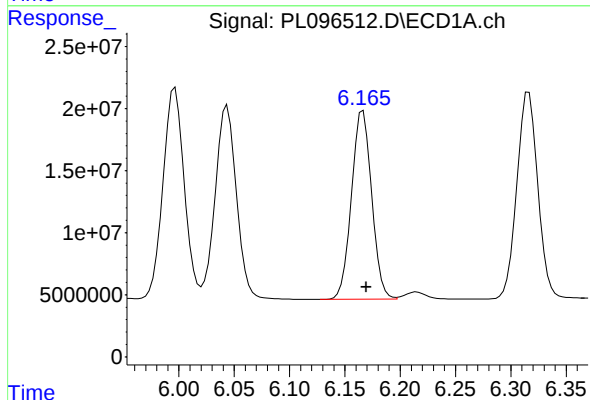
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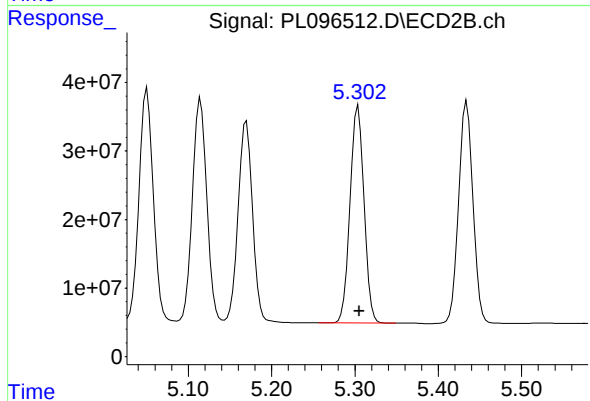
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.004 min
Response: 389743965
Conc: 51.83 ng/ml



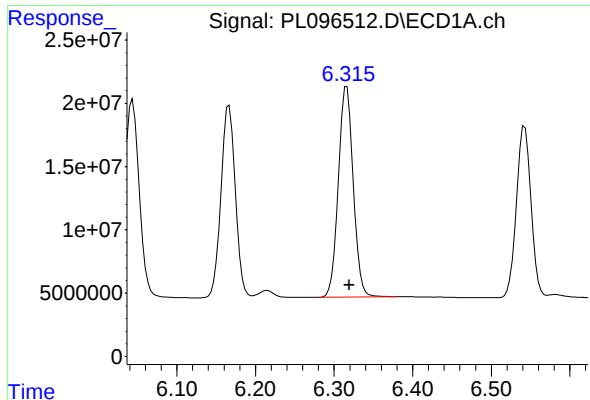
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: -0.003 min
Response: 193416785
Conc: 52.17 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: -0.002 min
Response: 367716147
Conc: 56.89 ng/ml



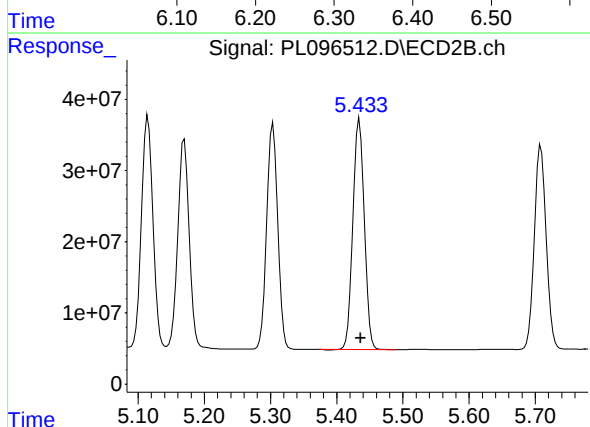
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: -0.003 min
Response: 219376339
Conc: 51.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

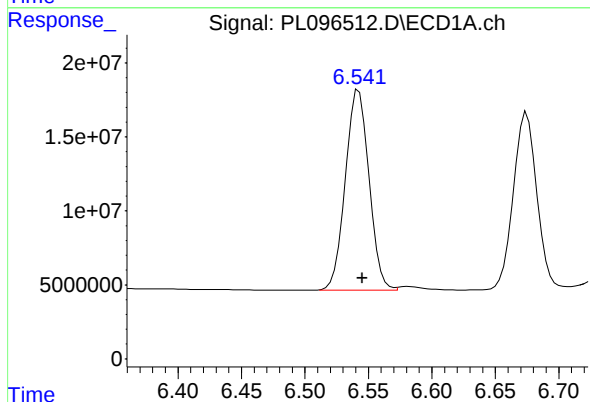
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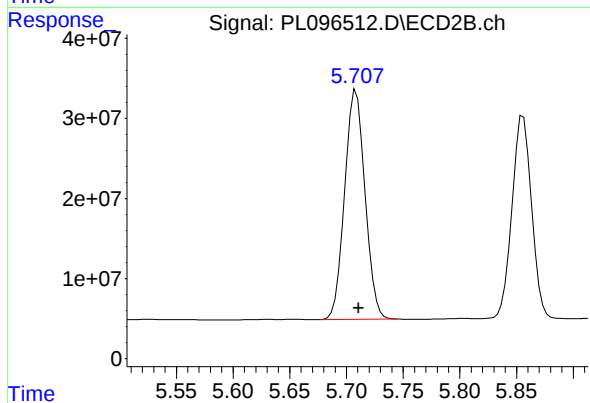
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 387231495
Conc: 56.79 ng/ml



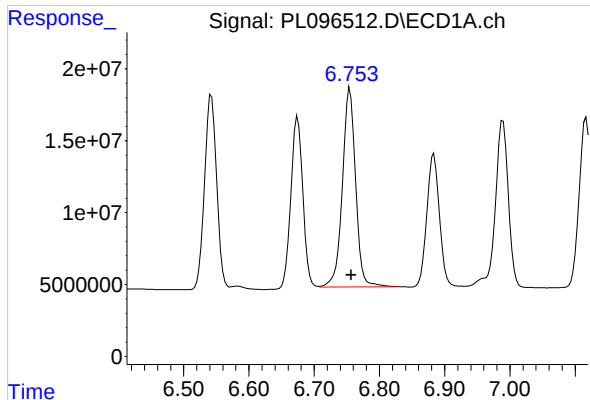
#14 Endrin

R.T.: 6.542 min
Delta R.T.: -0.003 min
Response: 175423891
Conc: 56.40 ng/ml



#14 Endrin

R.T.: 5.708 min
Delta R.T.: -0.002 min
Response: 358138126
Conc: 58.74 ng/ml



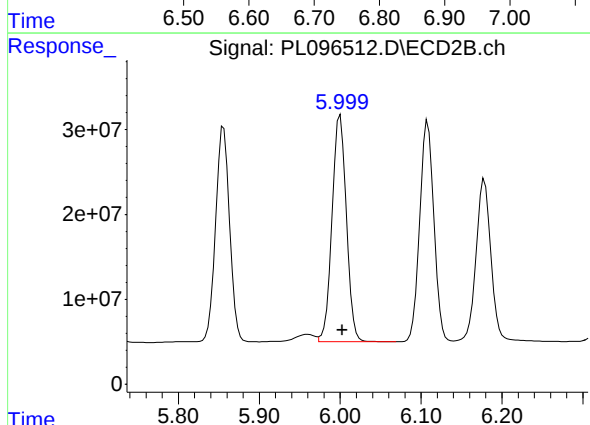
#15 Endosulfan II

R.T.: 6.753 min
Delta R.T.: -0.004 min
Response: 194975452
Conc: 56.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

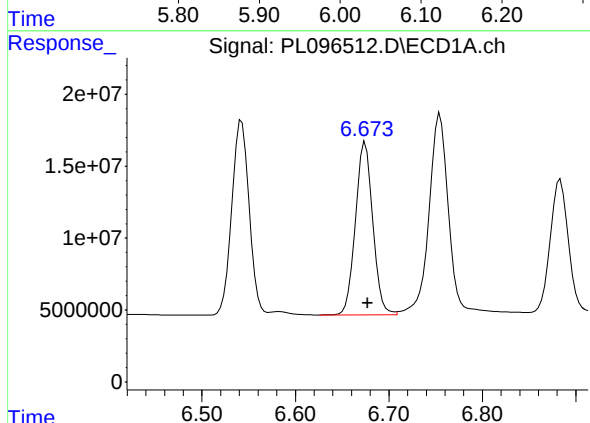
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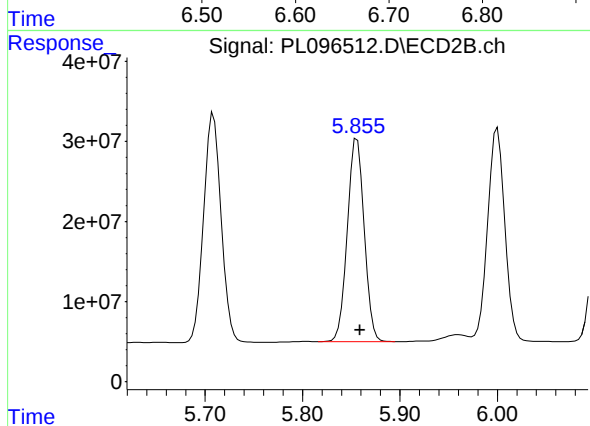
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: -0.003 min
Response: 329441727
Conc: 56.18 ng/ml



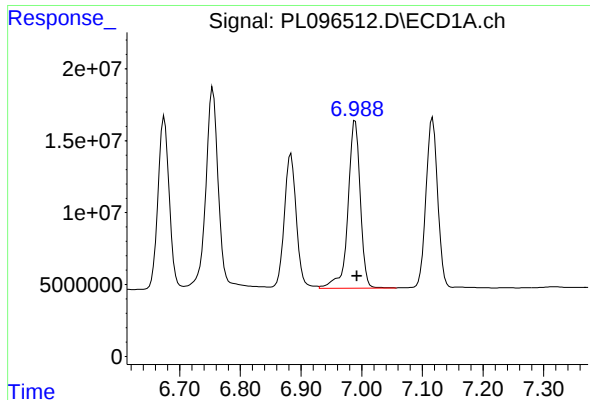
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 155389911
Conc: 53.37 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 305002185
Conc: 59.47 ng/ml



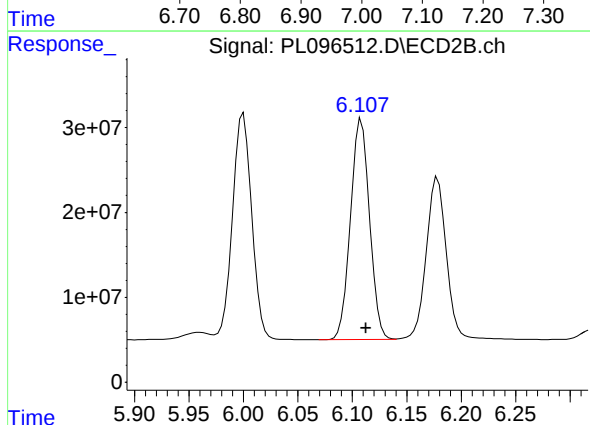
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 164959284
Conc: 54.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

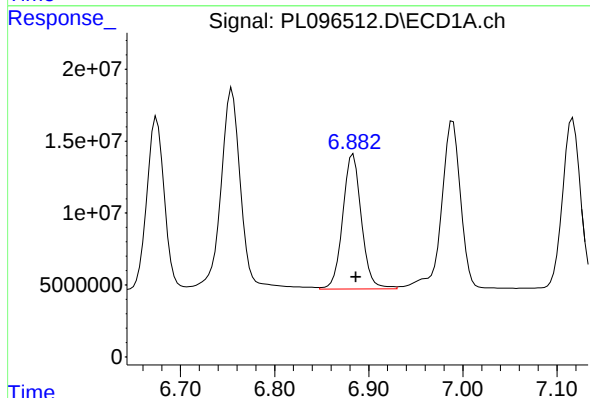
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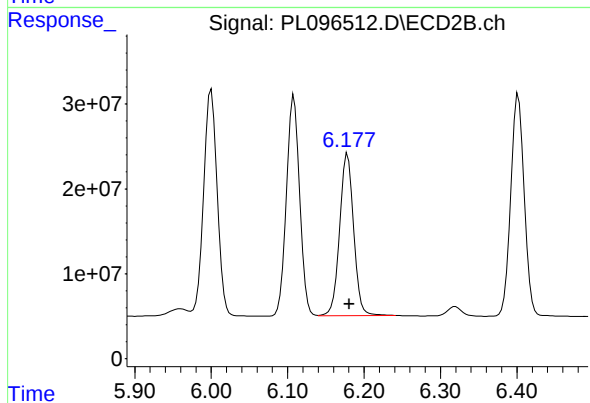
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: -0.004 min
Response: 317002618
Conc: 55.27 ng/ml



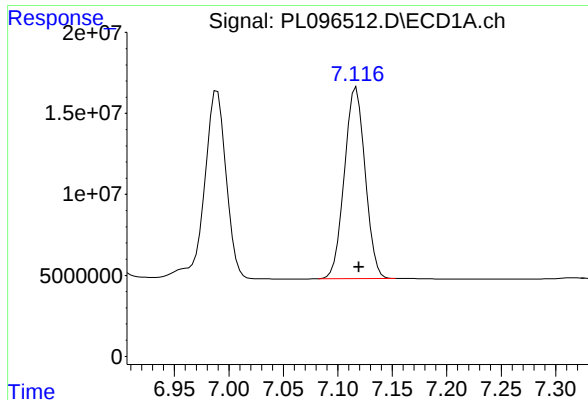
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: -0.003 min
Response: 129710638
Conc: 58.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.178 min
Delta R.T.: -0.003 min
Response: 243478645
Conc: 54.66 ng/ml



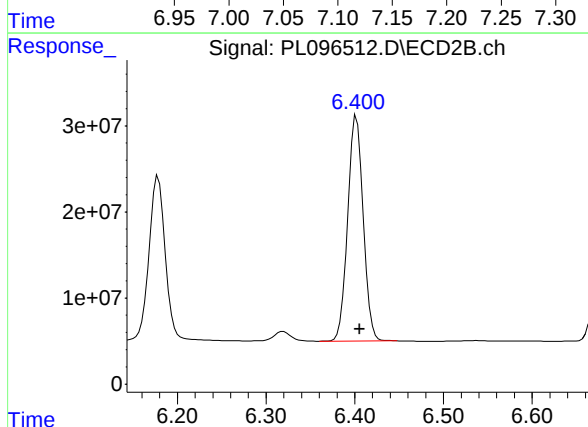
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: -0.003 min
Response: 156222567
Conc: 51.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

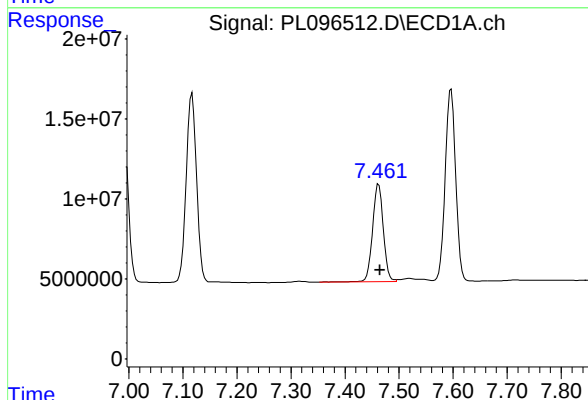
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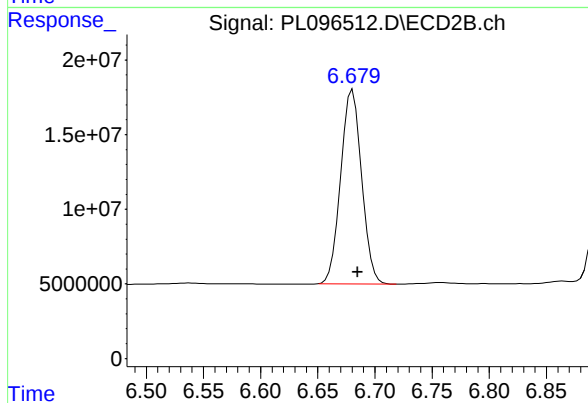
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: -0.004 min
Response: 318319083
Conc: 56.60 ng/ml



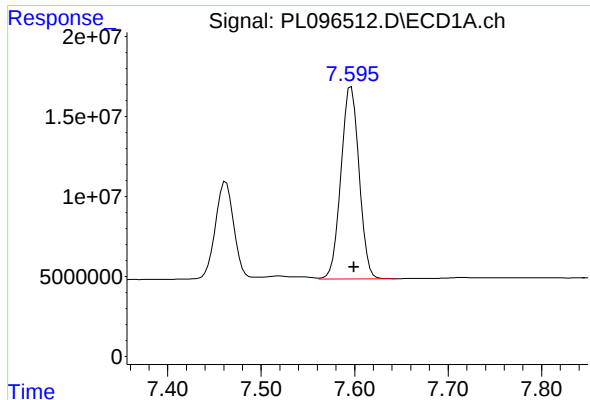
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 84923041
Conc: 53.91 ng/ml



#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 166516981
Conc: 54.82 ng/ml



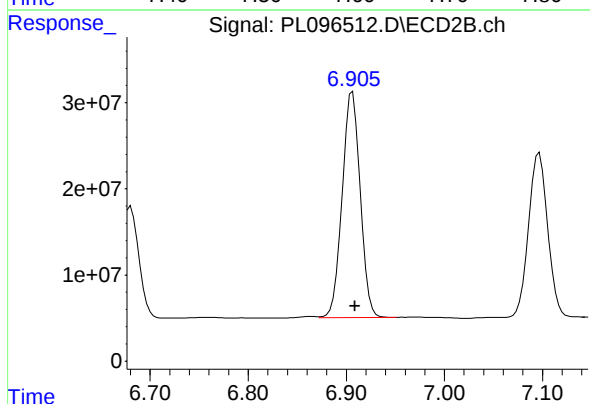
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: -0.003 min
Response: 162163980
Conc: 49.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

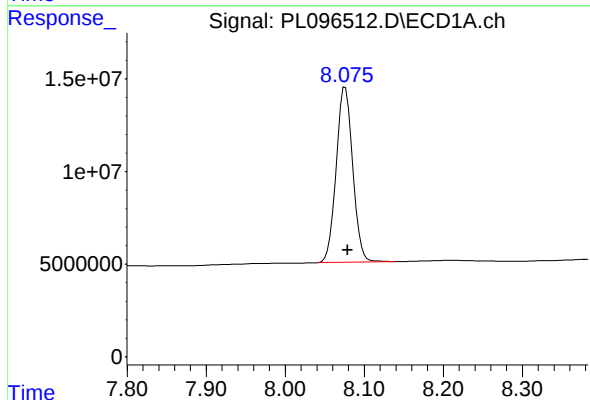
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



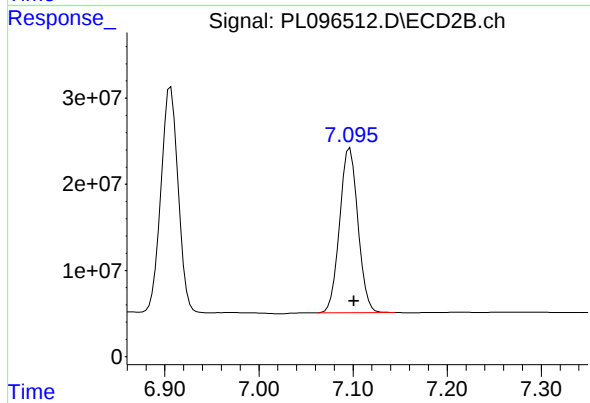
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: -0.003 min
Response: 334764592
Conc: 53.54 ng/ml



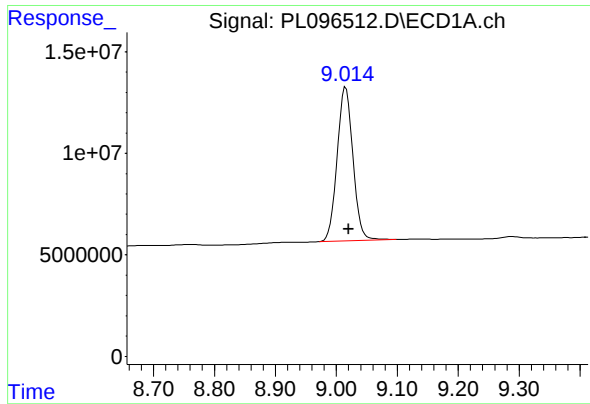
#22 Mirex

R.T.: 8.076 min
Delta R.T.: -0.003 min
Response: 137872282
Conc: 49.55 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: -0.004 min
Response: 258889716
Conc: 52.11 ng/ml



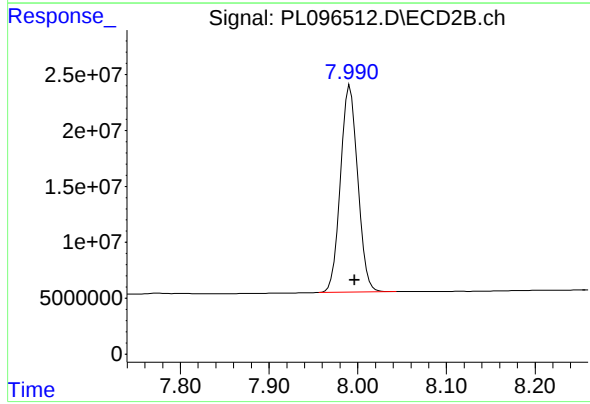
#28 Decachlorobiphenyl

R.T.: 9.015 min
Delta R.T.: -0.005 min
Response: 13720022
Conc: 48.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



#28 Decachlorobiphenyl

R.T.: 7.991 min
Delta R.T.: -0.005 min
Response: 250280548
Conc: 50.19 ng/ml