

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060625\
 Data File : PL095969.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2025 17:26
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/09/2025
 Supervised By : mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 22:43:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.572	2.883	154.1E6	192.6E6	48.838	49.206
28) SA Decachlor...	9.113	8.067	131.5E6	217.5E6	55.805	49.727
Target Compounds						
2) A alpha-BHC	4.023	3.393	244.4E6	301.1E6	50.406	51.398
3) MA gamma-BHC...	4.355	3.727	233.9E6	294.7E6	52.313	52.617
4) MA Heptachlor	4.953	4.079	206.1E6	299.9E6	54.440	53.464
5) MB Aldrin	5.295	4.363	224.7E6	291.1E6	52.537	54.851m
6) B beta-BHC	4.542	4.022	104.4E6	133.3E6	52.975	53.797
7) B delta-BHC	4.791	4.258	237.3E6	313.1E6	53.529	55.446
8) B Heptachlo...	5.716	4.867	207.8E6	273.3E6	54.445	55.353
9) A Endosulfan I	6.099	5.239	193.0E6	246.4E6	52.664	51.709
10) B gamma-Chl...	5.970	5.119	205.6E6	298.9E6	52.820m	56.905
11) B alpha-Chl...	6.052	5.184	209.6E6	300.6E6	53.093	57.780
12) B 4,4'-DDE	6.223	5.371	191.7E6	293.4E6	52.255	54.714m
13) MA Dieldrin	6.373	5.504	205.6E6	299.3E6	53.277	56.467m
14) MA Endrin	6.601	5.781	172.0E6	273.7E6	53.297	56.136
15) B Endosulfa...	6.814	6.072	186.1E6	252.4E6	54.016	53.123
16) A 4,4'-DDD	6.734	5.925	161.7E6	248.2E6	55.167	56.592
17) MA 4,4'-DDT	7.049	6.179	152.3E6	256.2E6	56.316	53.574
18) B Endrin al...	6.944	6.251	126.6E6	182.6E6	52.369	52.852
19) B Endosulfa...	7.178	6.475	159.2E6	239.0E6	53.295	53.175
20) A Methoxychlor	7.524	6.752	75214203	135.7E6	58.976	51.869
21) B Endrin ke...	7.660	6.981	172.0E6	259.6E6	54.320	50.177
22) Mirex	8.143	7.175	127.7E6	202.7E6	55.206	49.923

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060625\
Data File : PL095969.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2025 17:26
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

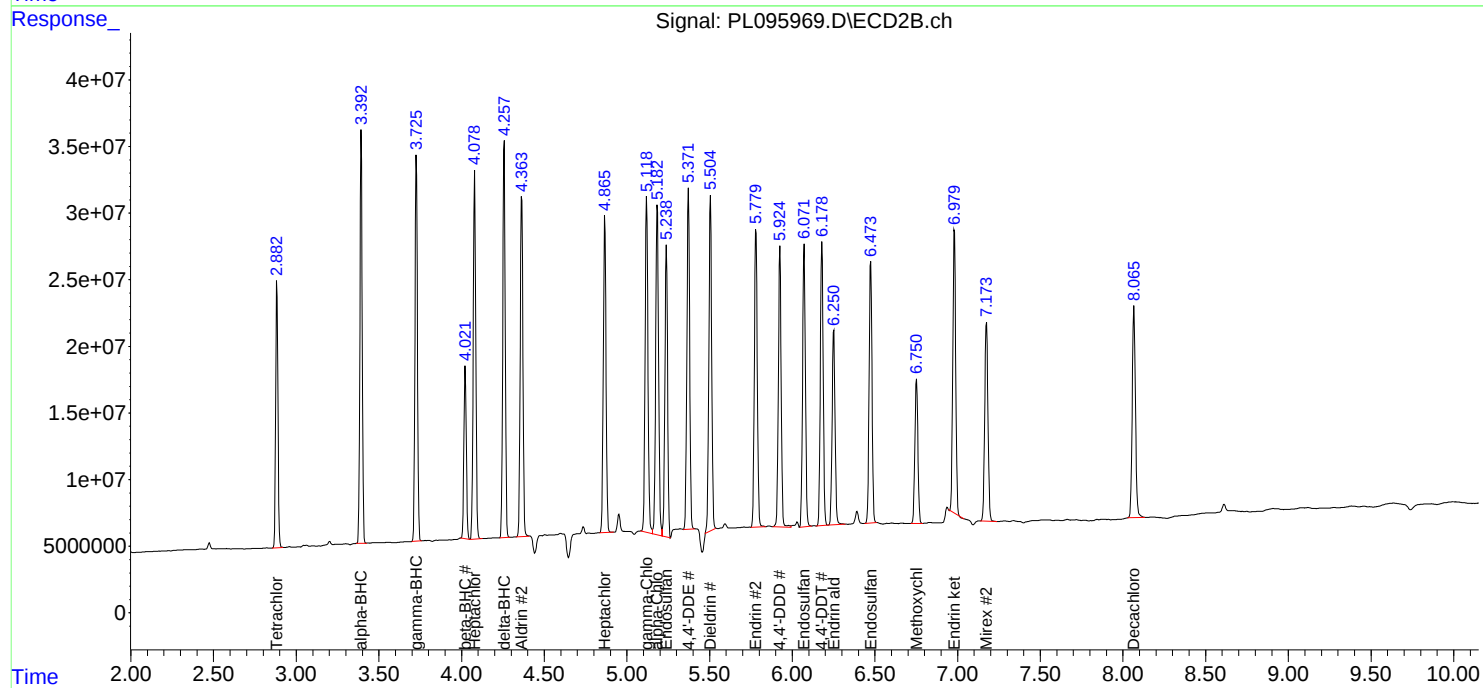
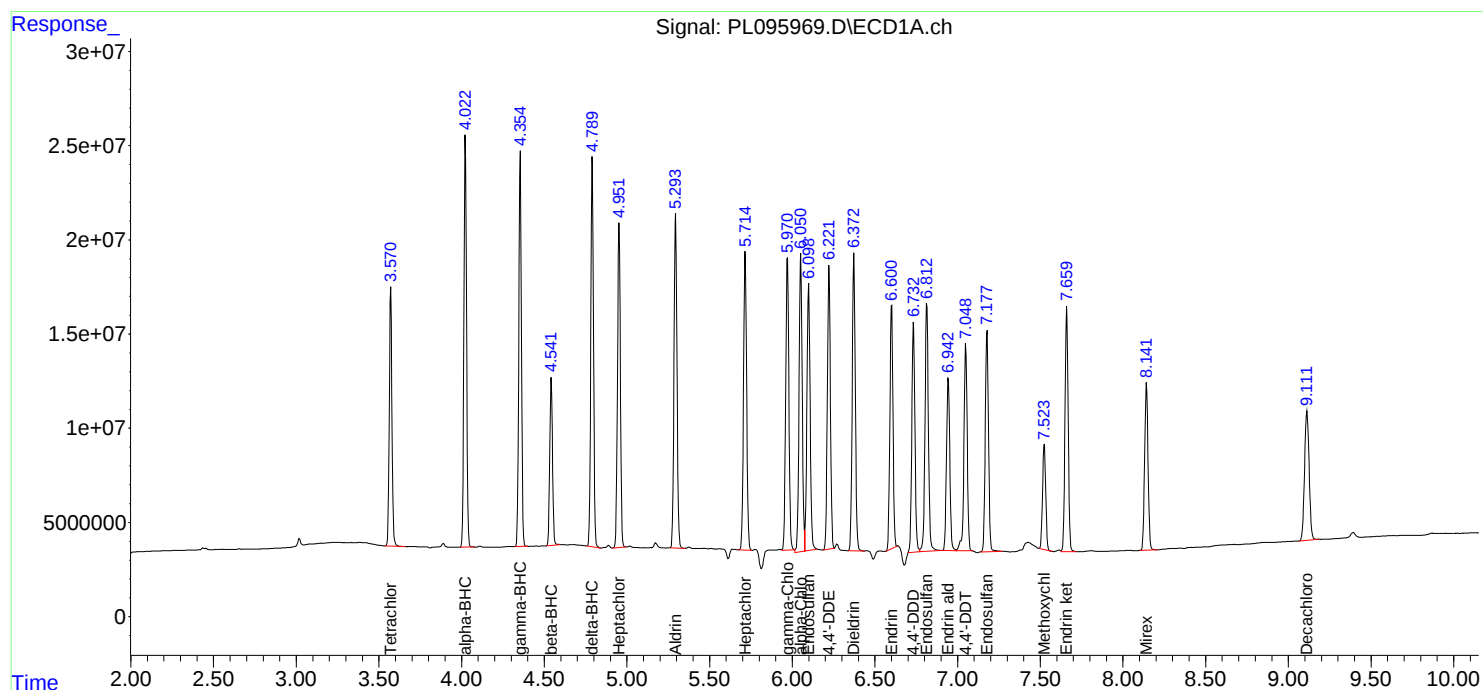
APPROVED

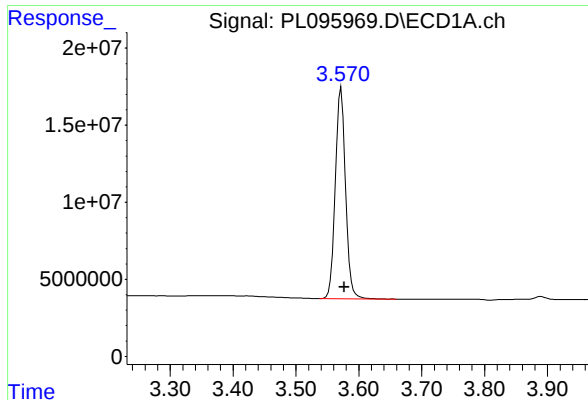
Reviewed By :Abdul Mirza 06/09/2025

Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 06 22:43:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 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





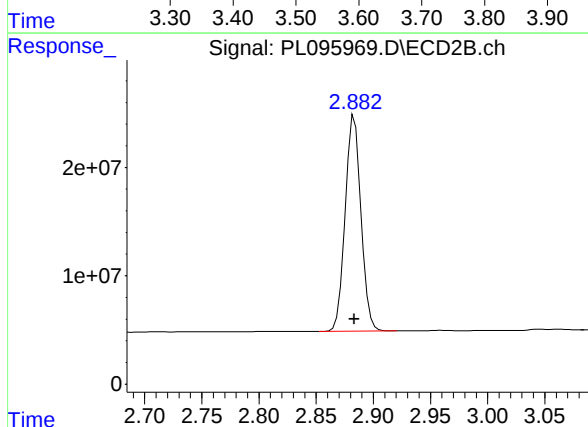
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 154097110
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

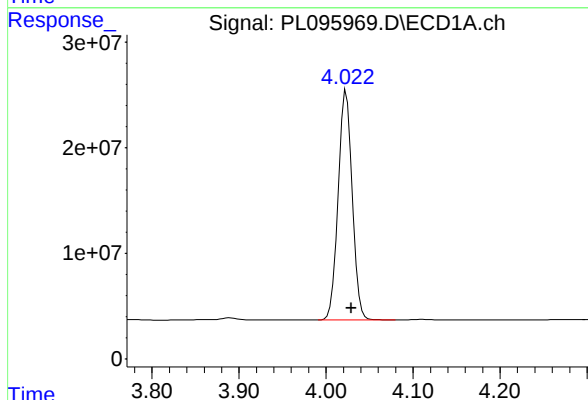
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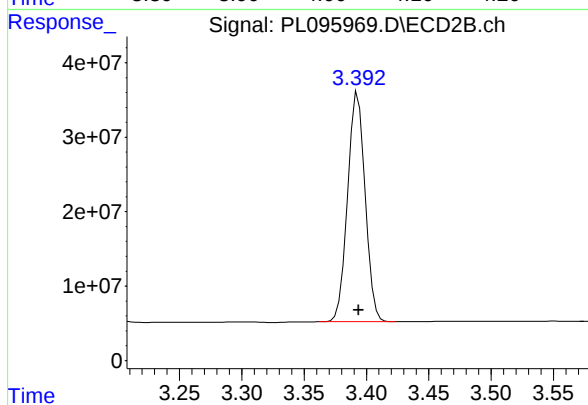
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 192588663
Conc: 49.21 ng/ml



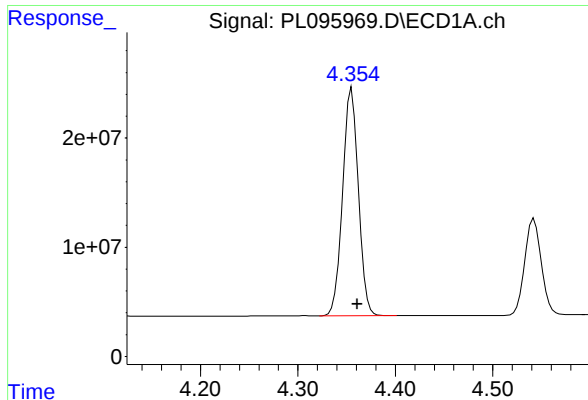
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 244365867
Conc: 50.41 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 301055936
Conc: 51.40 ng/ml



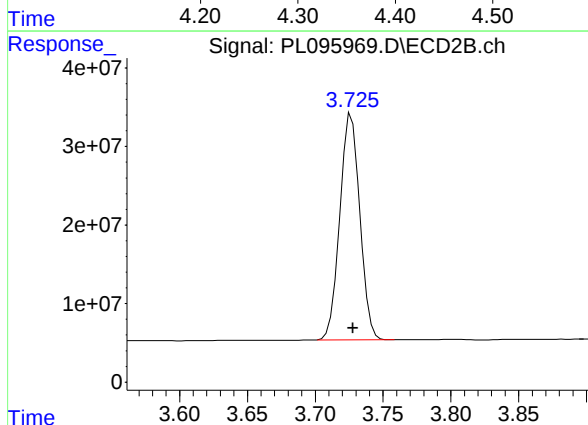
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 233936640
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

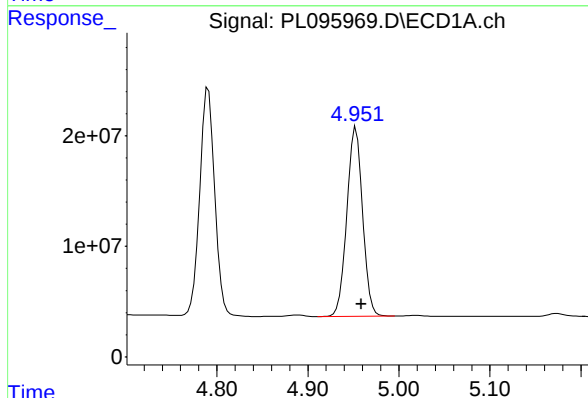
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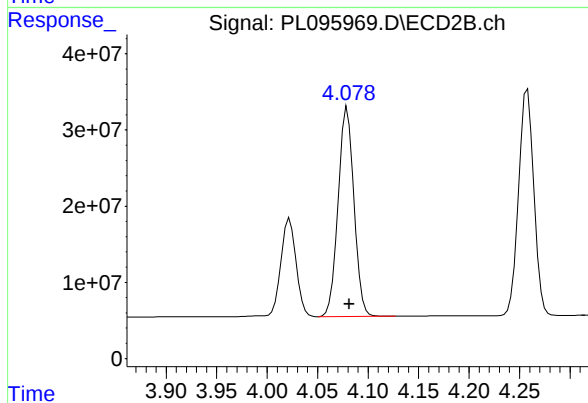
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: -0.001 min
Response: 294722334
Conc: 52.62 ng/ml



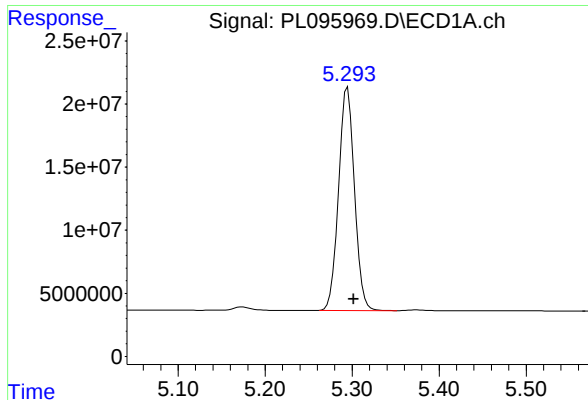
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 206057957
Conc: 54.44 ng/ml



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: -0.002 min
Response: 299880302
Conc: 53.46 ng/ml



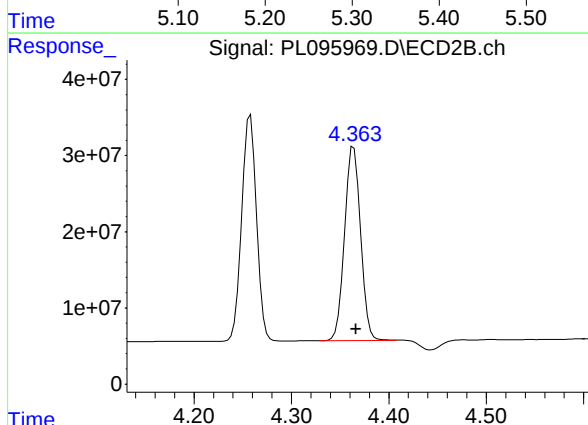
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.007 min
Response: 224741042
Conc: 52.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

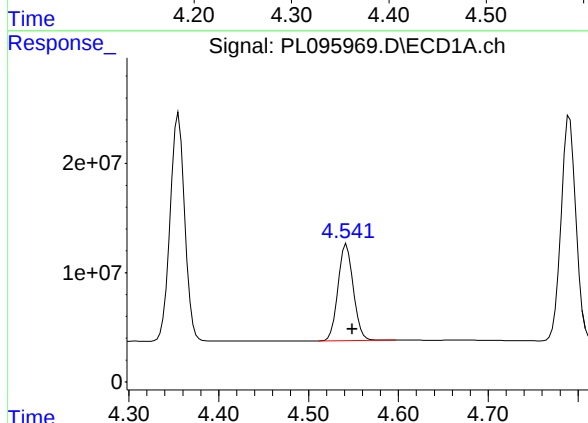
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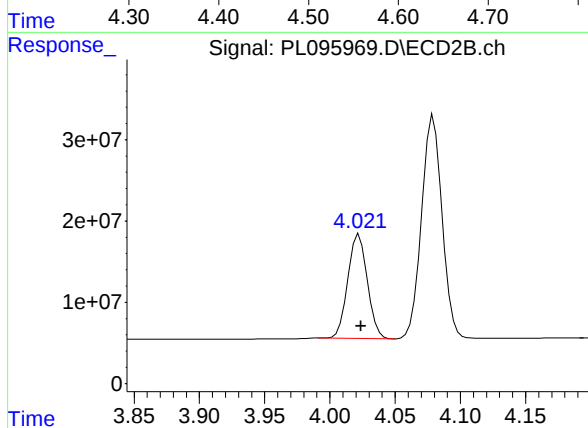
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: -0.004 min
Response: 291101122
Conc: 54.85 ng/ml



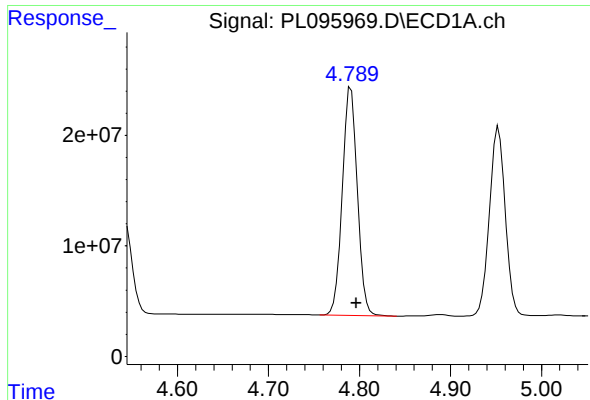
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: -0.006 min
Response: 104433766
Conc: 52.98 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 133284539
Conc: 53.80 ng/ml



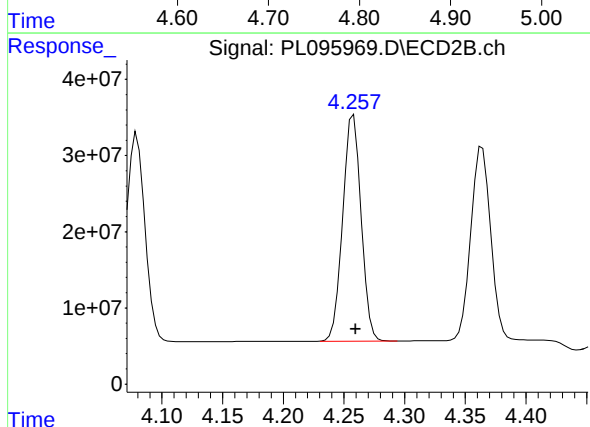
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.006 min
Response: 237325382
Conc: 53.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

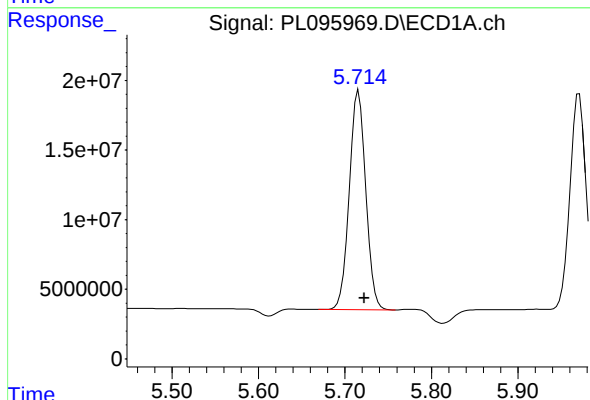
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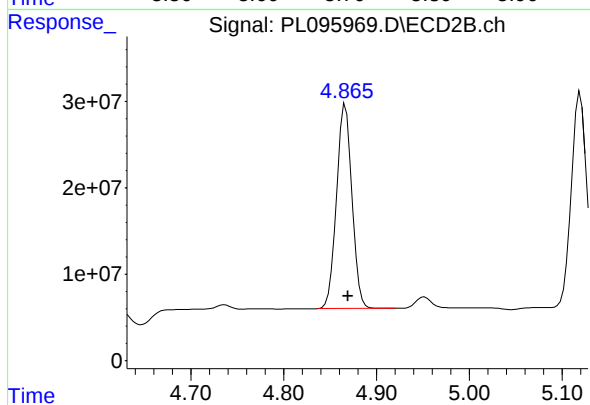
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: -0.002 min
Response: 313125866
Conc: 55.45 ng/ml



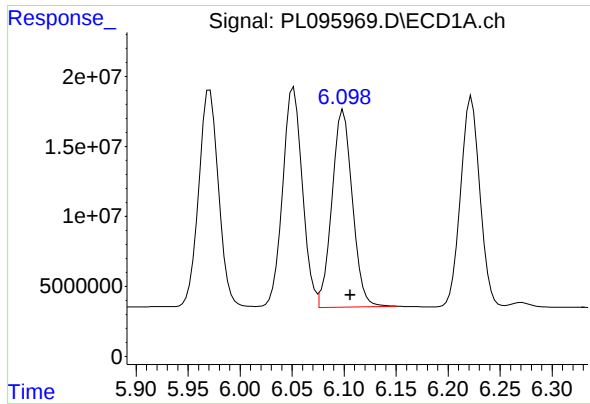
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: -0.007 min
Response: 207809672
Conc: 54.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: -0.003 min
Response: 273302369
Conc: 55.35 ng/ml



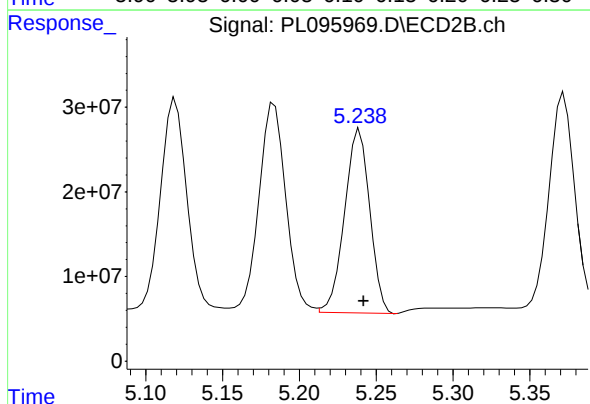
#9 Endosulfan I

R.T.: 6.099 min
Delta R.T.: -0.007 min
Response: 193005259
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

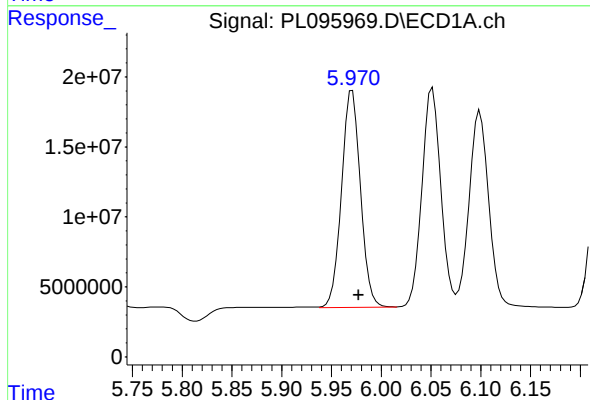
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Reviewed By :Abdul Mirza 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



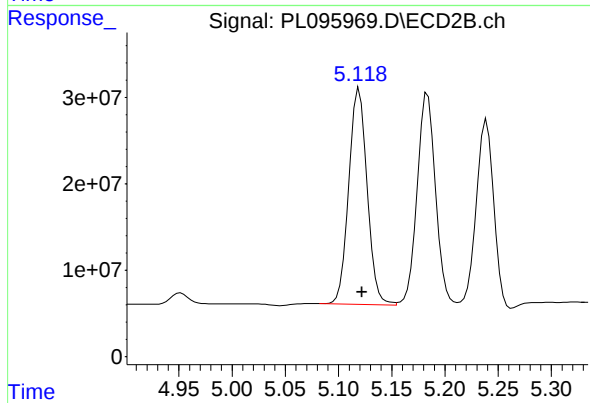
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.003 min
Response: 246390684
Conc: 51.71 ng/ml



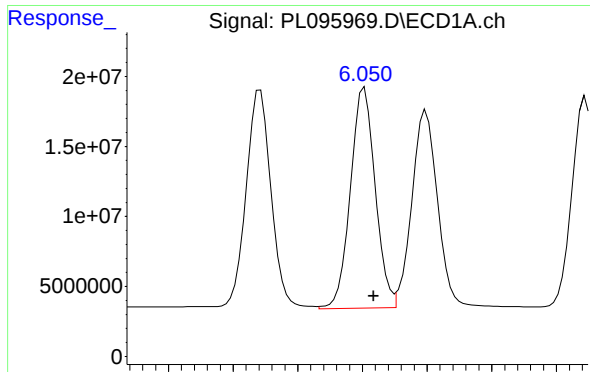
#10 gamma-Chlordane

R.T.: 5.970 min
Delta R.T.: -0.008 min
Response: 205579029
Conc: 52.82 ng/ml m



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 298903417
Conc: 56.90 ng/ml



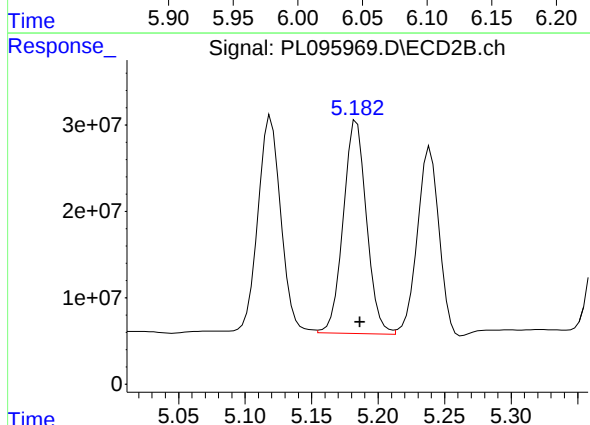
#11 alpha-Chlordane

R.T.: 6.052 min
Delta R.T.: -0.007 min
Response: 209620247
Conc: 53.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

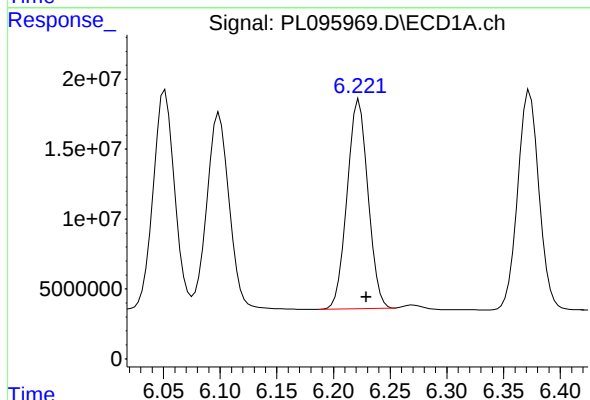
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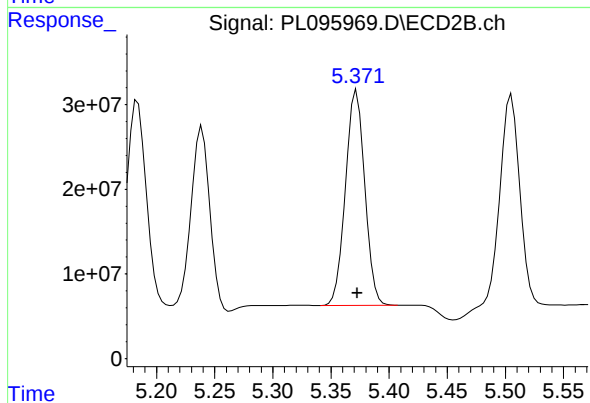
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.003 min
Response: 300617711
Conc: 57.78 ng/ml



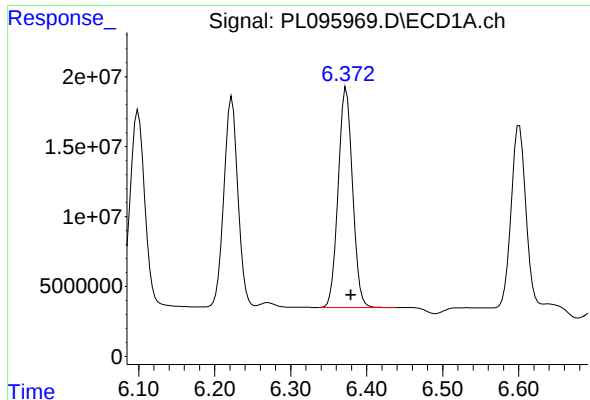
#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: -0.006 min
Response: 191666708
Conc: 52.26 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 293384030
Conc: 54.71 ng/ml m



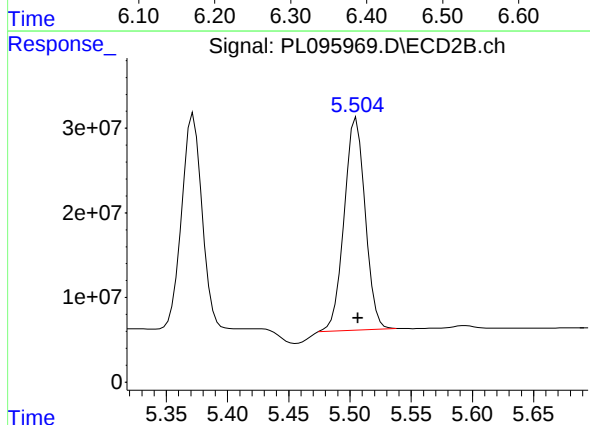
#13 Dieldrin

R.T.: 6.373 min
Delta R.T.: -0.006 min
Response: 205607194
Conc: 53.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

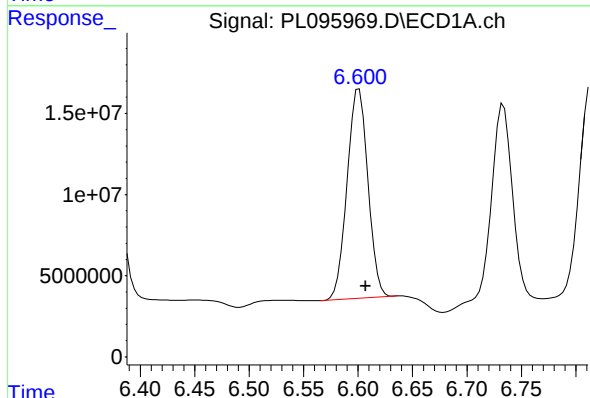
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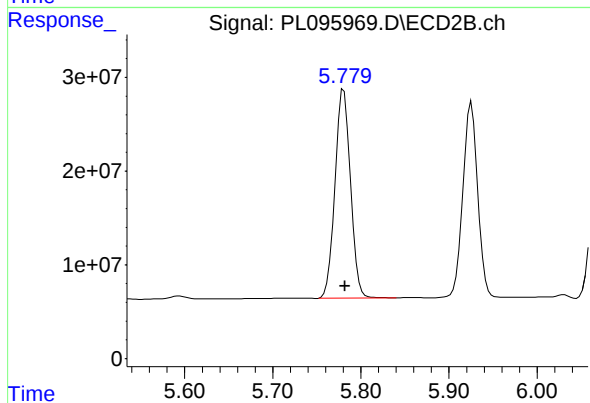
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.003 min
Response: 299283710
Conc: 56.47 ng/ml



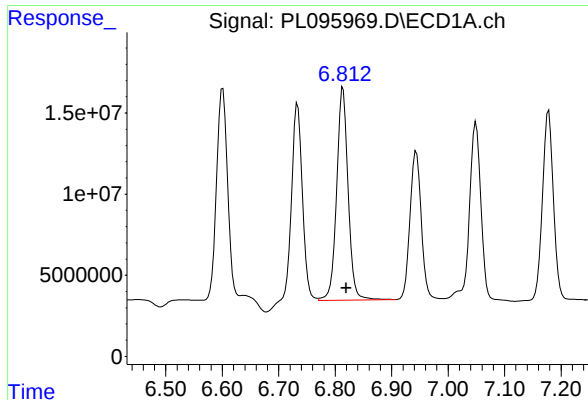
#14 Endrin

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 171977069
Conc: 53.30 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 273723706
Conc: 56.14 ng/ml



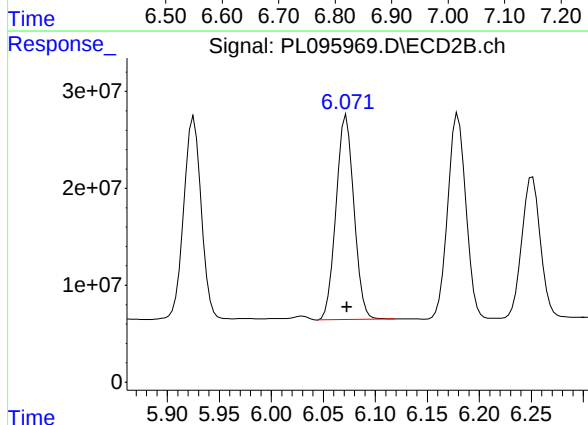
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: -0.006 min
Response: 186141186
Conc: 54.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

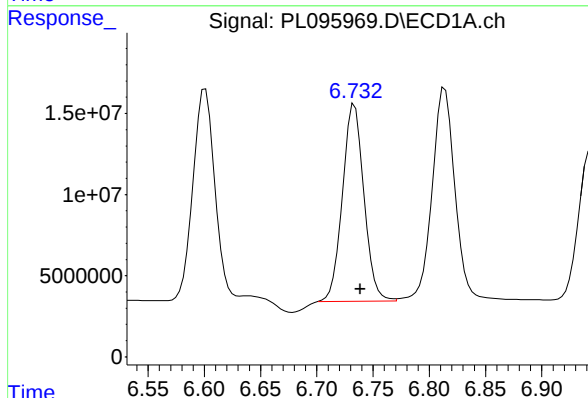
Manual Integrations
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Reviewed By :Abdul Mirza 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



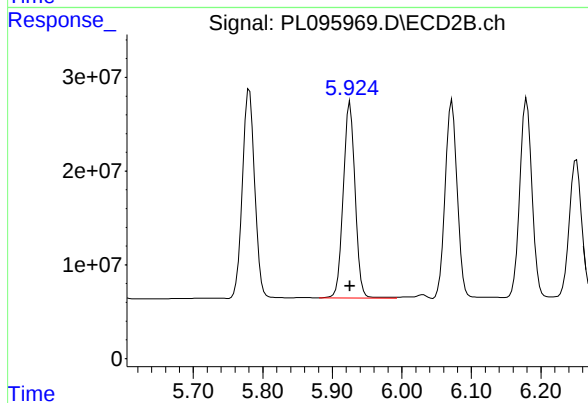
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 252427955
Conc: 53.12 ng/ml



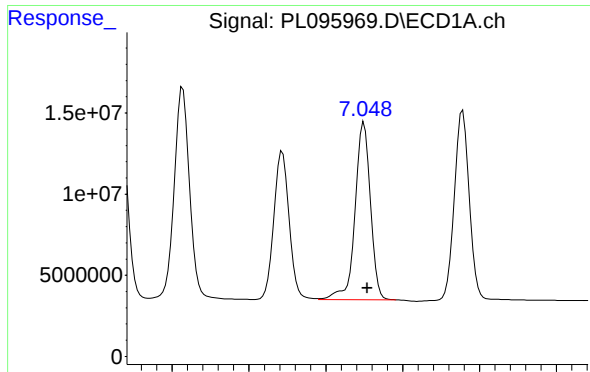
#16 4,4'-DDD

R.T.: 6.734 min
Delta R.T.: -0.005 min
Response: 161673667
Conc: 55.17 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 248153599
Conc: 56.59 ng/ml



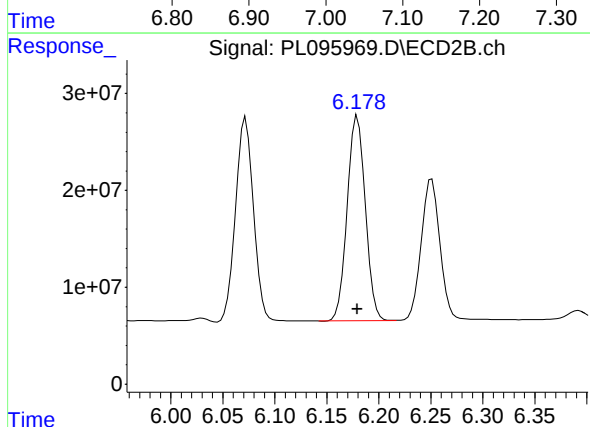
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: -0.005 min
Response: 152342676
Conc: 56.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

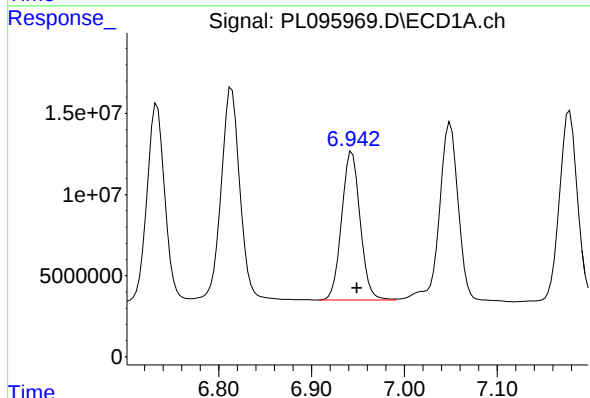
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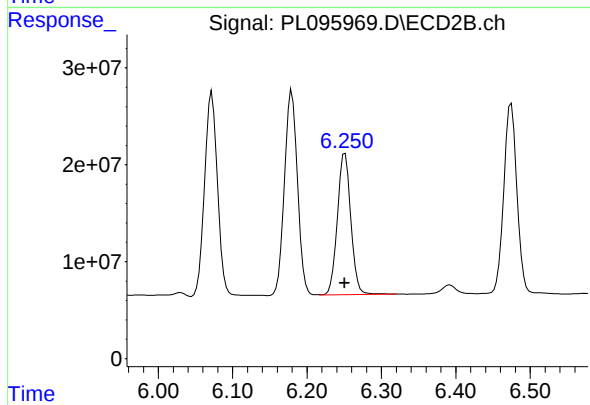
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 256223883
Conc: 53.57 ng/ml



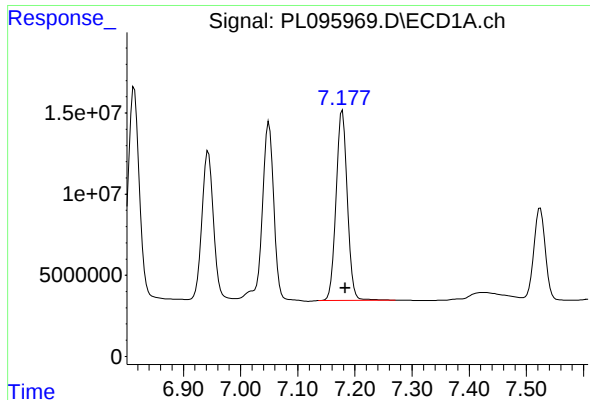
#18 Endrin aldehyde

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 126609169
Conc: 52.37 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 182567110
Conc: 52.85 ng/ml



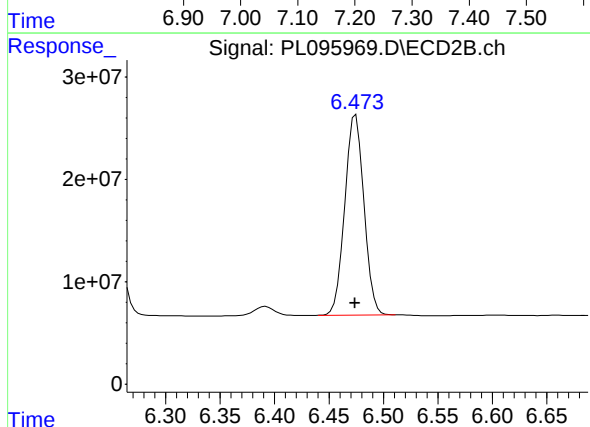
#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: -0.005 min
Response: 159187084
Conc: 53.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

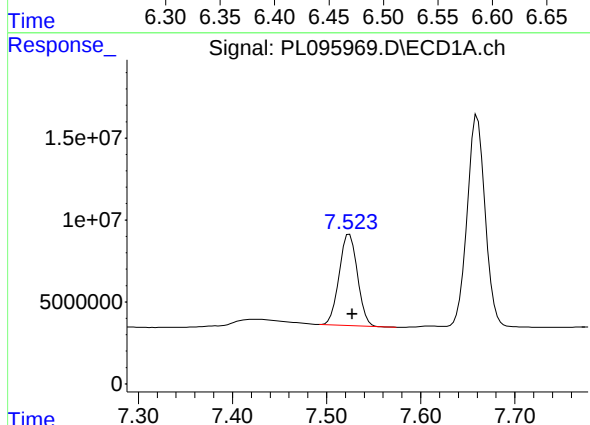
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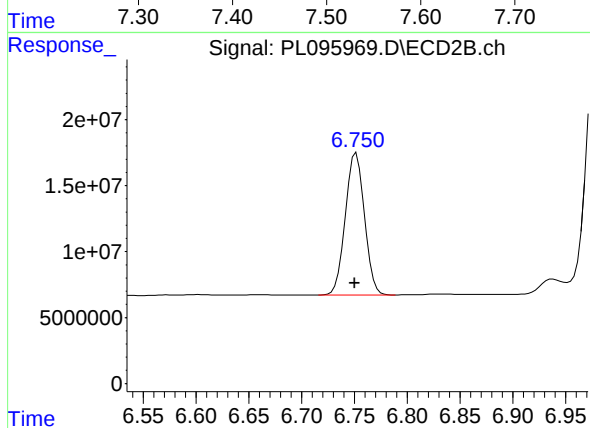
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 239006266
Conc: 53.17 ng/ml



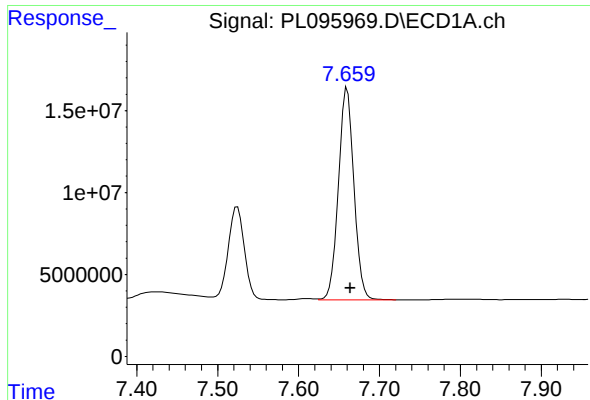
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: -0.003 min
Response: 75214203
Conc: 58.98 ng/ml



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: 0.001 min
Response: 135693747
Conc: 51.87 ng/ml



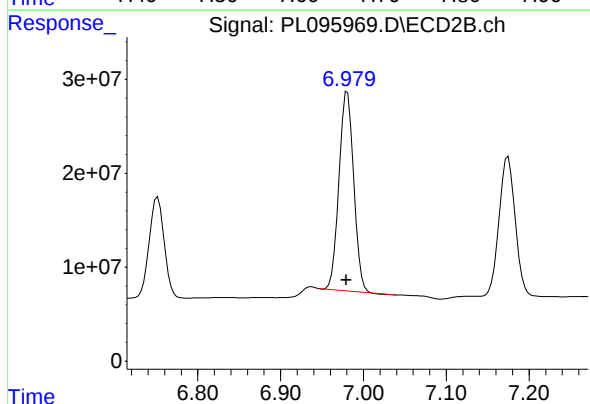
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: -0.004 min
Response: 172028249
Conc: 54.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

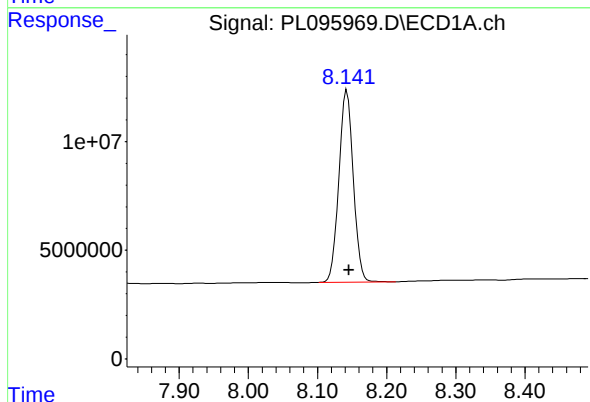
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



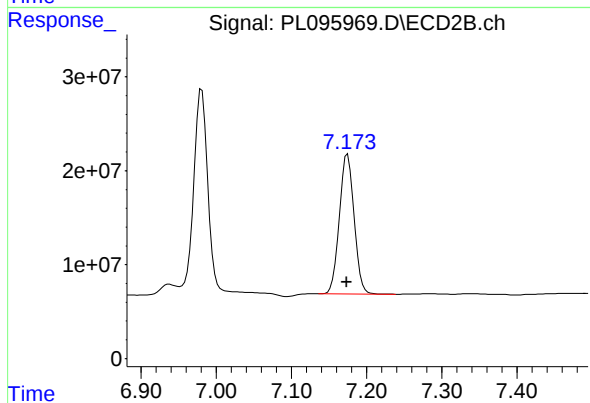
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: 0.001 min
Response: 259609171
Conc: 50.18 ng/ml



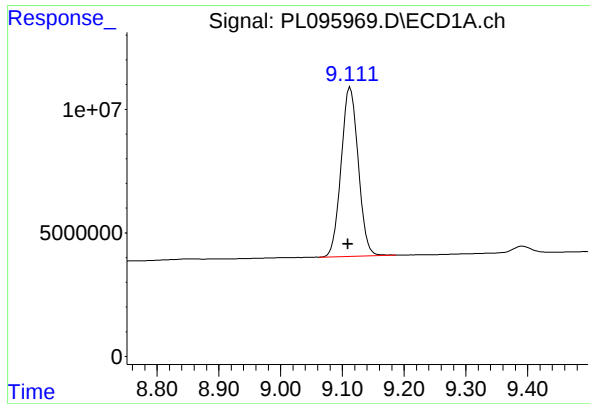
#22 Mirex

R.T.: 8.143 min
Delta R.T.: -0.003 min
Response: 127733233
Conc: 55.21 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.001 min
Response: 202712961
Conc: 49.92 ng/ml



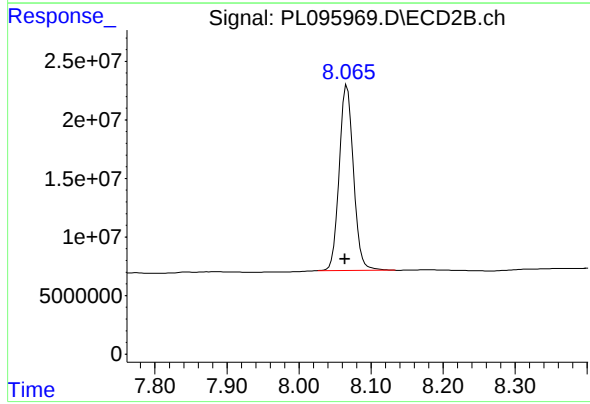
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.004 min
Response: 131495418
Conc: 55.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: 0.003 min
Response: 217528480
Conc: 49.73 ng/ml