

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051525\
 Data File : PL095699.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 17:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/16/2025
 Supervised By : mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 01:20:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 13 14:38:57 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...	3.591	2.907	204.0E6	225.0E6	49.930	48.045
28) SA Decachlor...	9.113	8.084	178.0E6	196.3E6	52.481	47.586
Target Compounds						
2) A alpha-BHC	4.042	3.417	298.2E6	350.9E6	50.960	49.072
3) MA gamma-BHC...	4.373	3.750	282.1E6	332.0E6	50.677	49.173
4) MA Heptachlor	4.970	4.103	271.5E6	321.4E6	49.846	49.263
5) MB Aldrin	5.311	4.388	288.5E6	310.2E6	50.227m	48.636
6) B beta-BHC	4.558	4.044	124.4E6	146.1E6	50.808	48.413
7) B delta-BHC	4.806	4.280	275.8E6	340.4E6	50.767	50.009
8) B Heptachlo...	5.732	4.891	250.4E6	280.7E6	48.326	48.566
9) A Endosulfan I	6.116	5.264	237.6E6	265.6E6	48.542	51.346
10) B gamma-Chl...	5.987	5.144	260.9E6	290.8E6	48.724	48.824
11) B alpha-Chl...	6.068	5.208	258.8E6	284.4E6	49.791	48.182
12) B 4,4'-DDE	6.237	5.392	265.7E6	291.6E6	51.905	48.854m
13) MA Dieldrin	6.389	5.529	242.7E6	301.8E6	49.245	49.046
14) MA Endrin	6.616	5.804	201.6E6	270.3E6	52.619	50.726
15) B Endosulfa...	6.829	6.095	217.7E6	261.2E6	52.227	47.689
16) A 4,4'-DDD	6.746	5.947	182.8E6	245.1E6	47.041	47.668
17) MA 4,4'-DDT	7.061	6.200	197.1E6	260.4E6	54.788	51.879
18) B Endrin al...	6.958	6.273	139.5E6	186.9E6	47.512	48.819
19) B Endosulfa...	7.190	6.496	183.0E6	235.6E6	49.846	47.390
20) A Methoxychlor	7.532	6.770	91123484	136.4E6	54.046	50.423
21) B Endrin ke...	7.672	7.001	182.1E6	268.1E6	48.598	45.627
22) Mirex	8.154	7.197	145.8E6	197.3E6	47.892	45.769

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051525\
Data File : PL095699.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 17:38
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

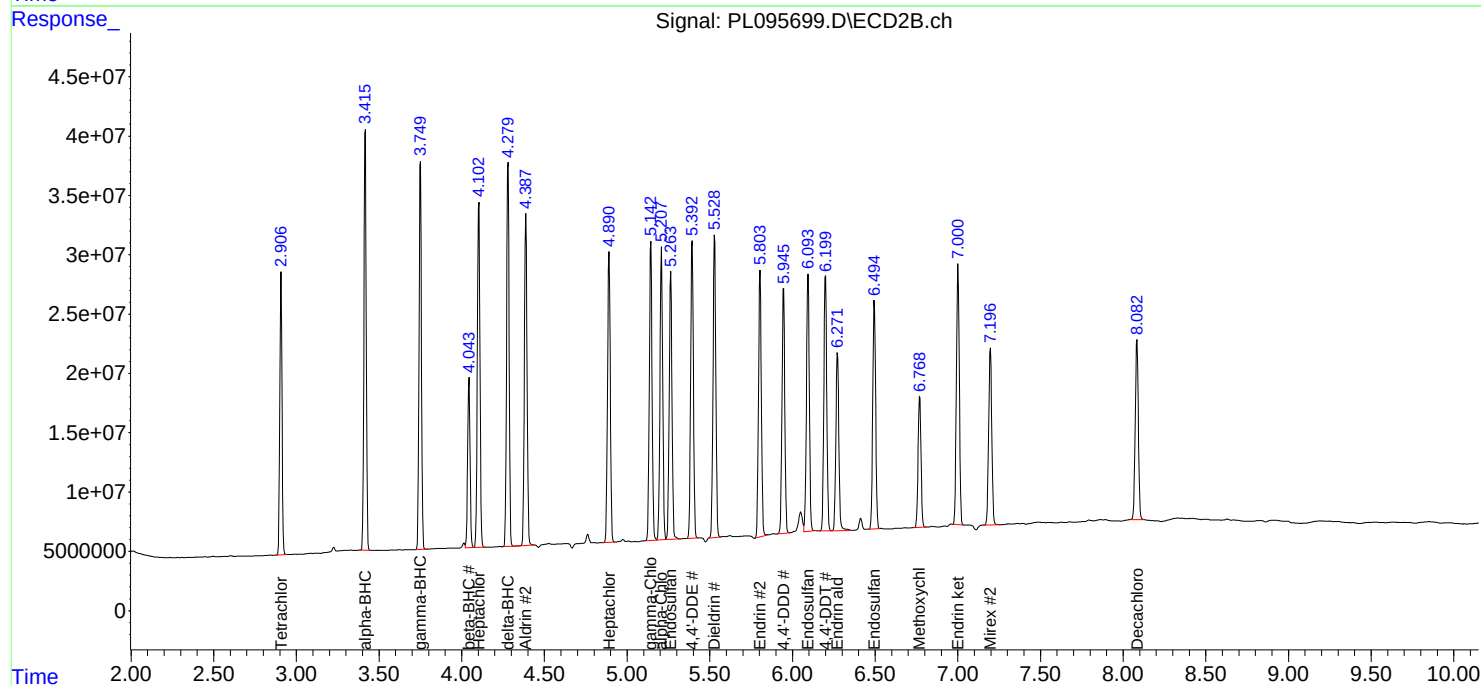
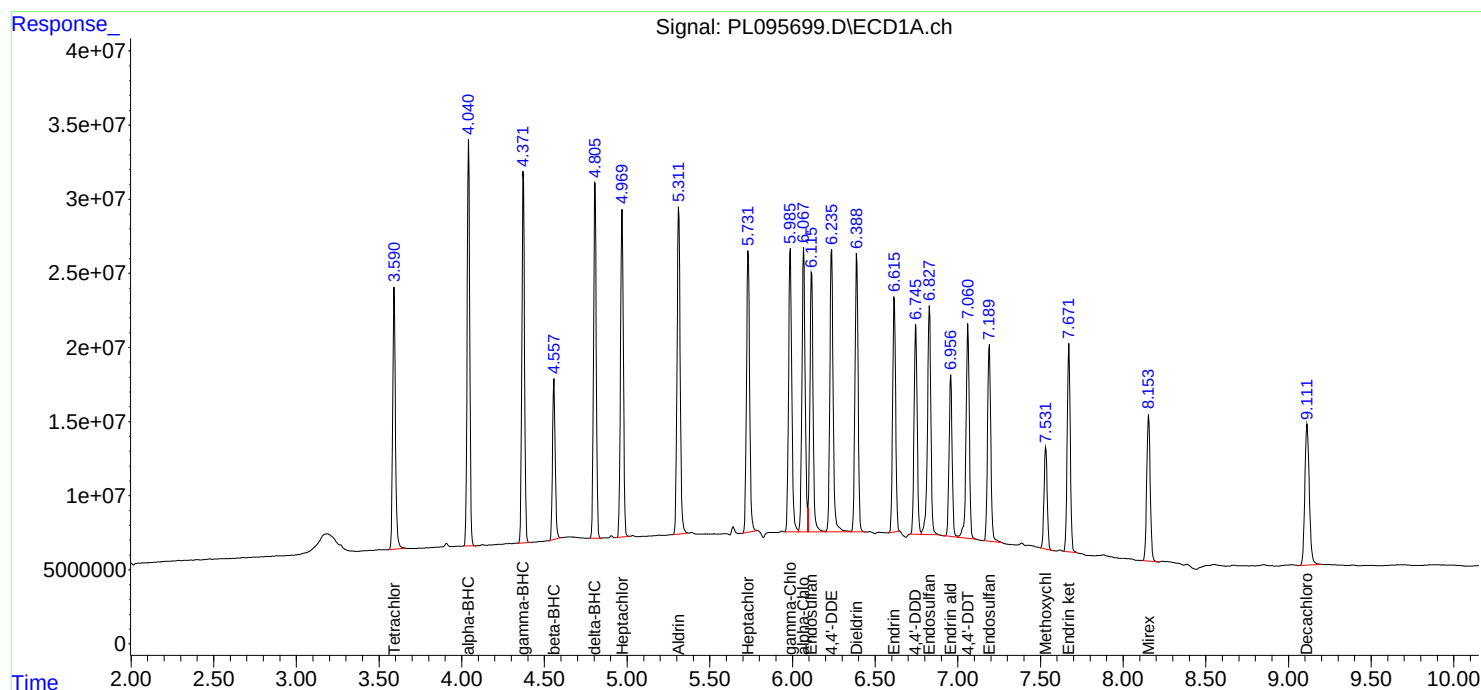
APPROVED

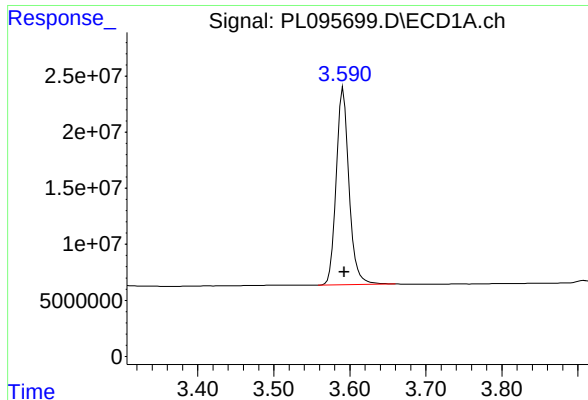
Reviewed By :Abdul Mirza 05/16/2025

Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 01:20:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
Quant Title : GC Extractables
QLast Update : Tue May 13 14:38:57 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





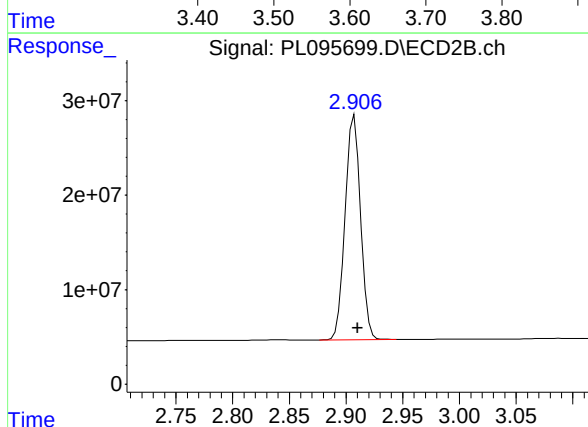
#1 Tetrachloro-m-xylene

R.T.: 3.591 min
Delta R.T.: -0.002 min
Response: 204016011
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

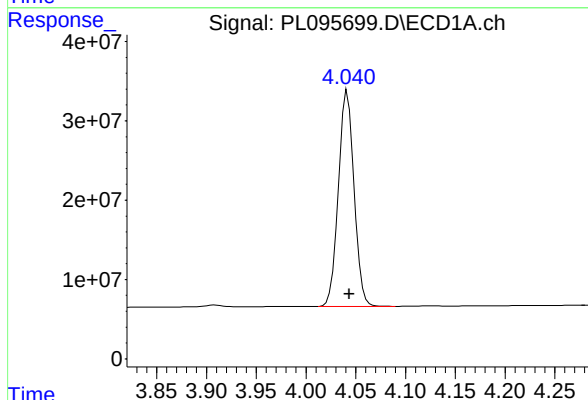
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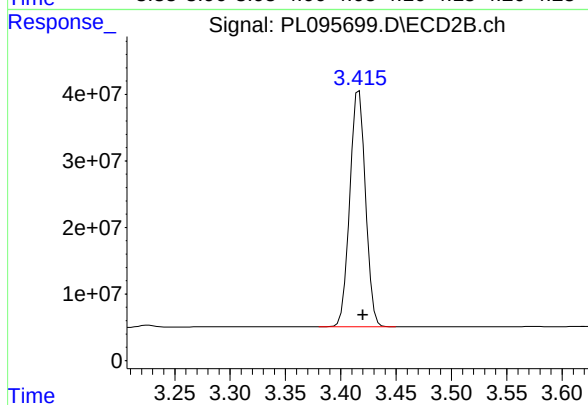
#1 Tetrachloro-m-xylene

R.T.: 2.907 min
Delta R.T.: -0.003 min
Response: 225043889
Conc: 48.04 ng/ml



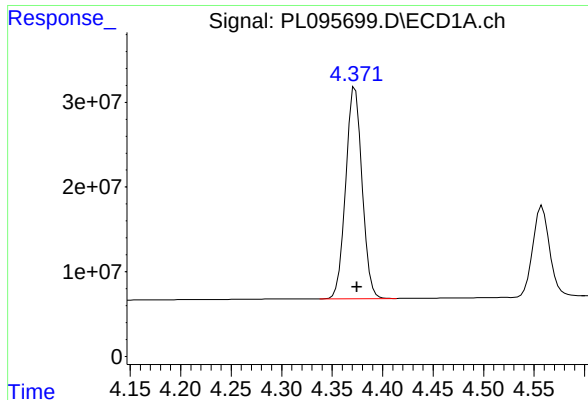
#2 alpha-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 298177417
Conc: 50.96 ng/ml



#2 alpha-BHC

R.T.: 3.417 min
Delta R.T.: -0.003 min
Response: 350935364
Conc: 49.07 ng/ml



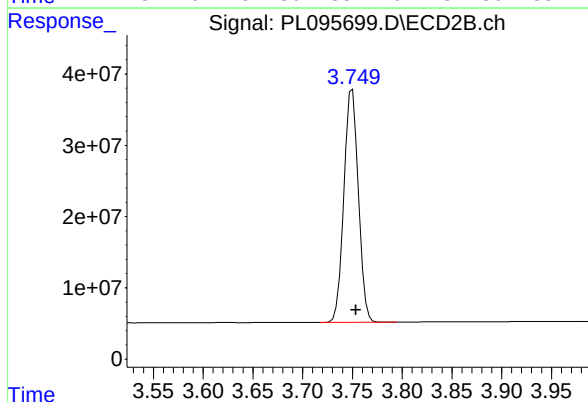
#3 gamma-BHC (Lindane)

R.T.: 4.373 min
Delta R.T.: -0.002 min
Response: 282070413
Conc: 50.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

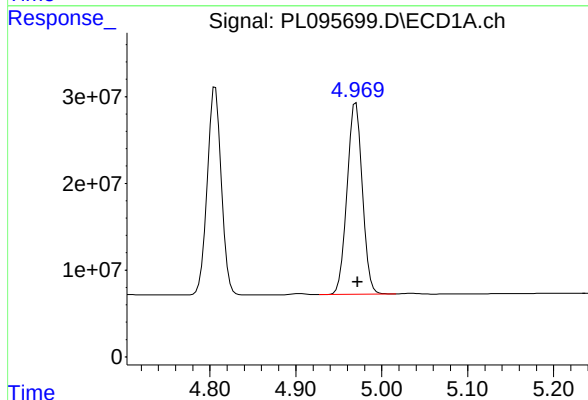
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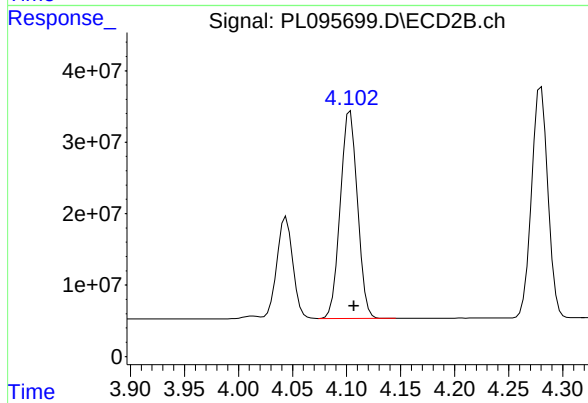
#3 gamma-BHC (Lindane)

R.T.: 3.750 min
Delta R.T.: -0.003 min
Response: 332042887
Conc: 49.17 ng/ml



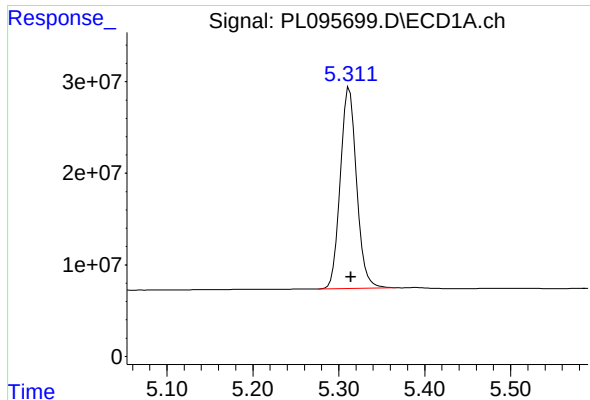
#4 Heptachlor

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 271452576
Conc: 49.85 ng/ml



#4 Heptachlor

R.T.: 4.103 min
Delta R.T.: -0.003 min
Response: 321362423
Conc: 49.26 ng/ml



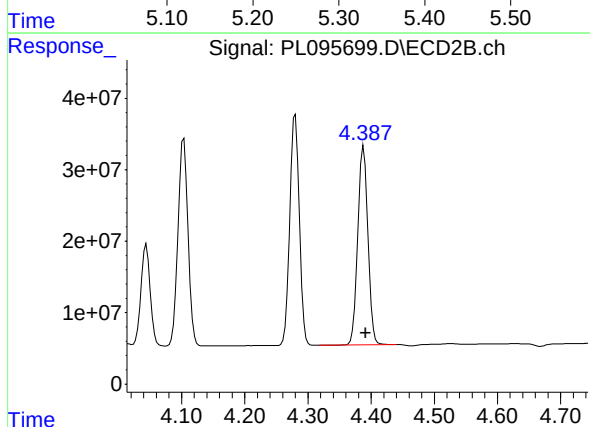
#5 Aldrin

R.T.: 5.311 min
Delta R.T.: -0.003 min
Response: 288486847
Conc: 50.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

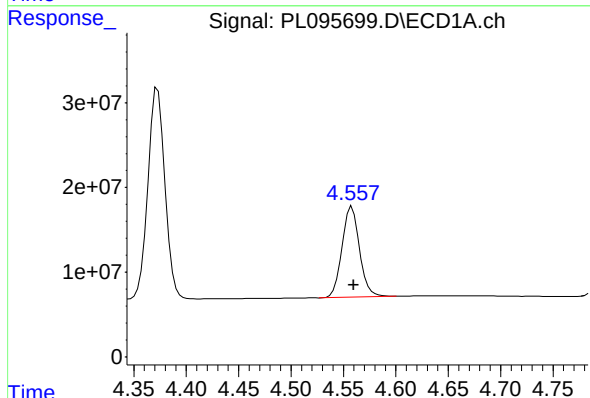
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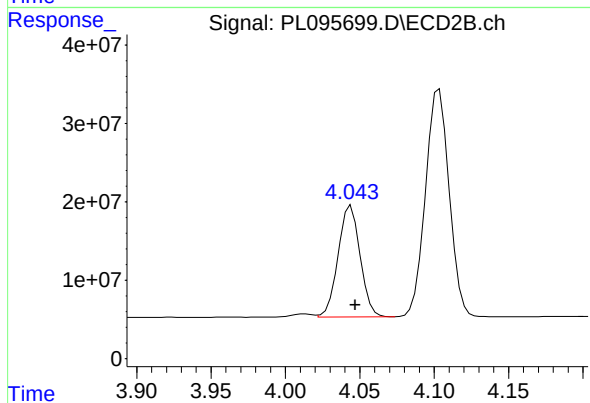
#5 Aldrin

R.T.: 4.388 min
Delta R.T.: -0.004 min
Response: 310199579
Conc: 48.64 ng/ml



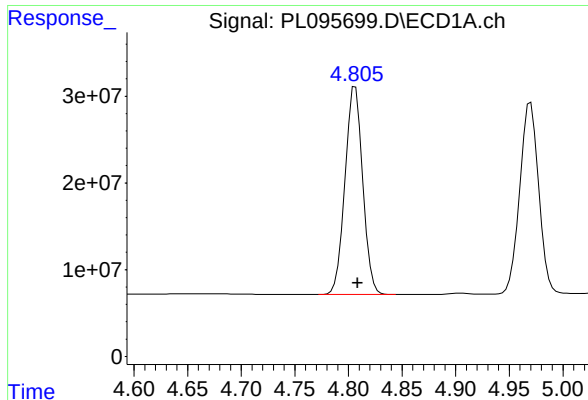
#6 beta-BHC

R.T.: 4.558 min
Delta R.T.: -0.002 min
Response: 124434872
Conc: 50.81 ng/ml



#6 beta-BHC

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 146066314
Conc: 48.41 ng/ml



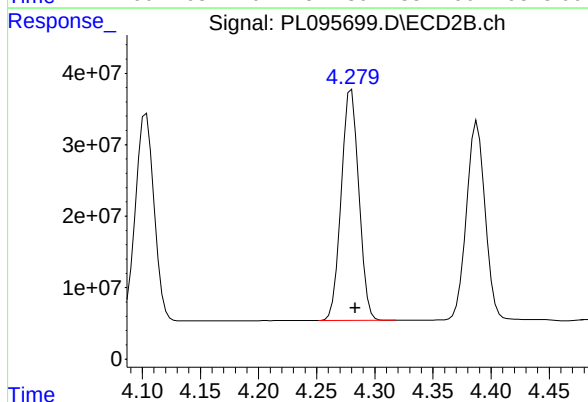
#7 delta-BHC

R.T.: 4.806 min
Delta R.T.: -0.002 min
Response: 275803951
Conc: 50.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

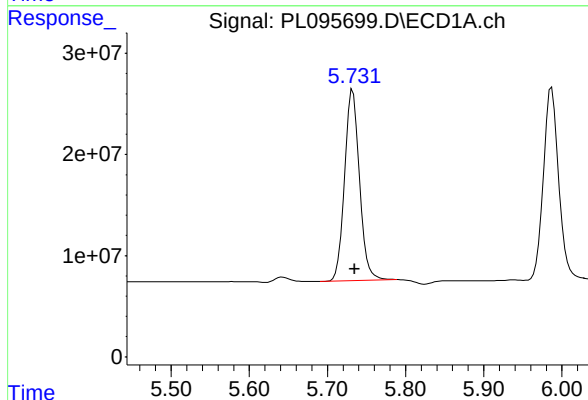
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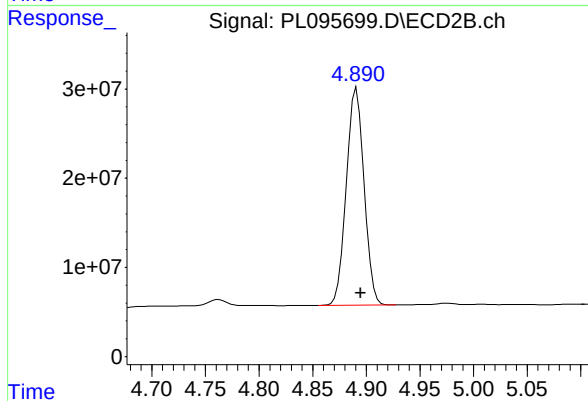
#7 delta-BHC

R.T.: 4.280 min
Delta R.T.: -0.003 min
Response: 340400027
Conc: 50.01 ng/ml



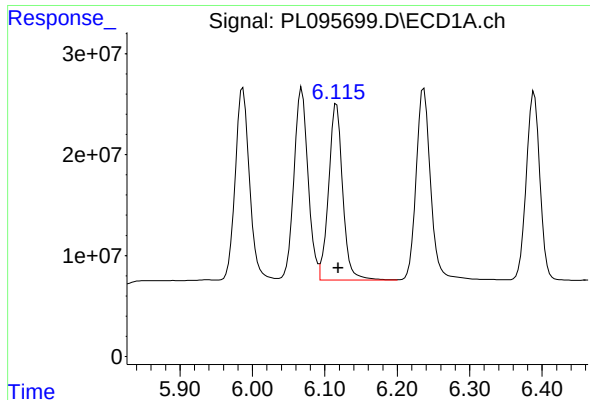
#8 Heptachlor epoxide

R.T.: 5.732 min
Delta R.T.: -0.002 min
Response: 250423171
Conc: 48.33 ng/ml



#8 Heptachlor epoxide

R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 280682180
Conc: 48.57 ng/ml



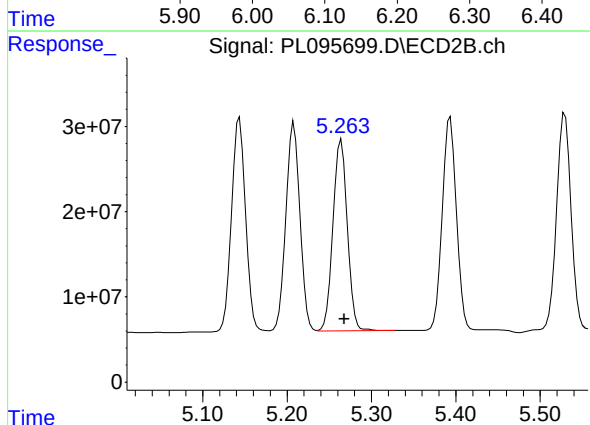
#9 Endosulfan I

R.T.: 6.116 min
Delta R.T.: -0.002 min
Response: 237635067
Conc: 48.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

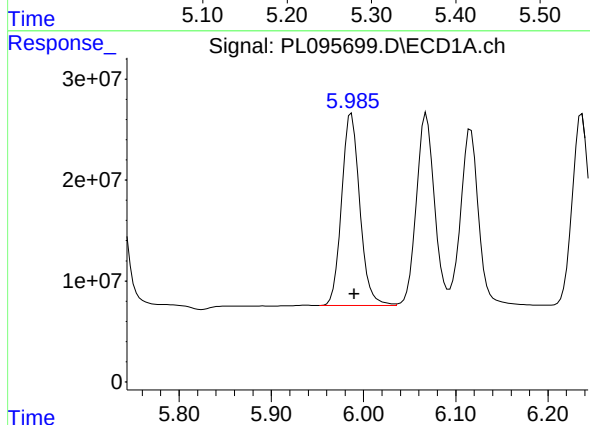
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Supervised By :mohammad ahmed 05/19/2025



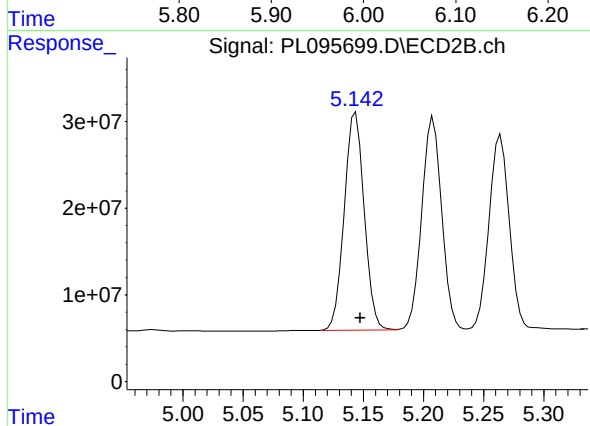
#9 Endosulfan I

R.T.: 5.264 min
Delta R.T.: -0.004 min
Response: 265562785
Conc: 51.35 ng/ml



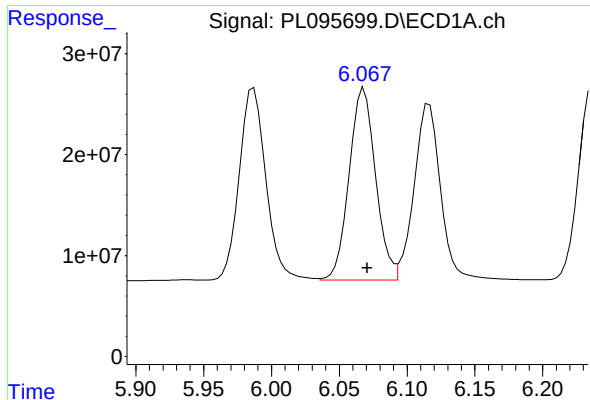
#10 gamma-Chlordane

R.T.: 5.987 min
Delta R.T.: -0.003 min
Response: 260930533
Conc: 48.72 ng/ml



#10 gamma-Chlordane

R.T.: 5.144 min
Delta R.T.: -0.004 min
Response: 290811093
Conc: 48.82 ng/ml



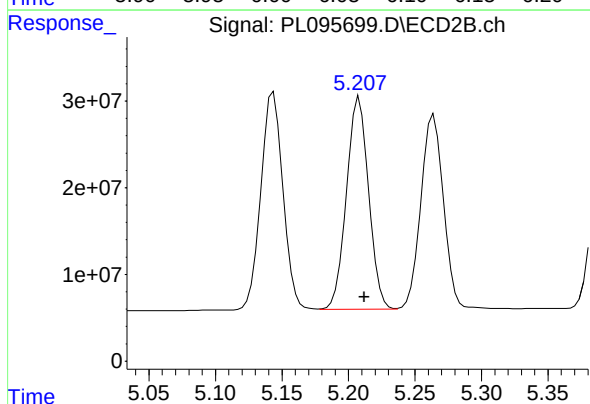
#11 alpha-Chlordane

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 258801718
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

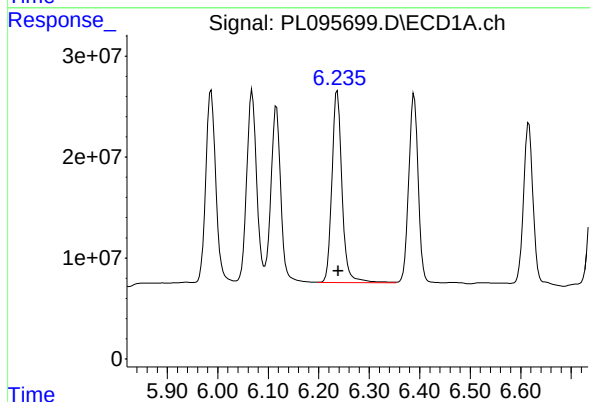
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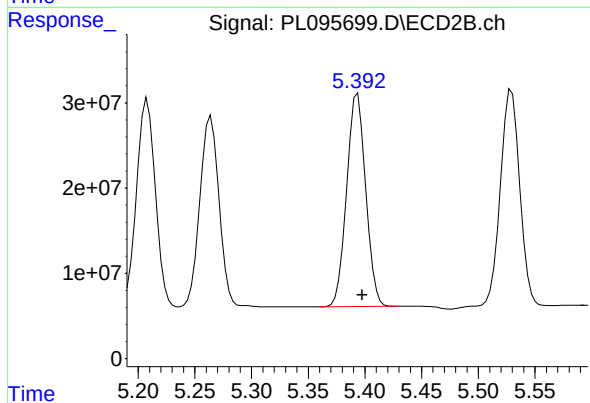
#11 alpha-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.004 min
Response: 284378736
Conc: 48.18 ng/ml



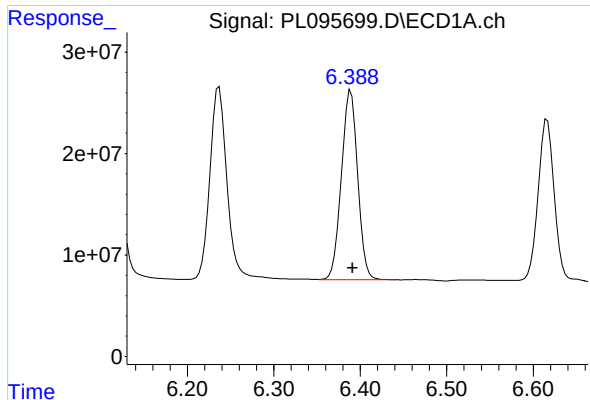
#12 4,4'-DDE

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 265695175
Conc: 51.91 ng/ml



#12 4,4'-DDE

R.T.: 5.392 min
Delta R.T.: -0.005 min
Response: 291554005
Conc: 48.85 ng/ml m



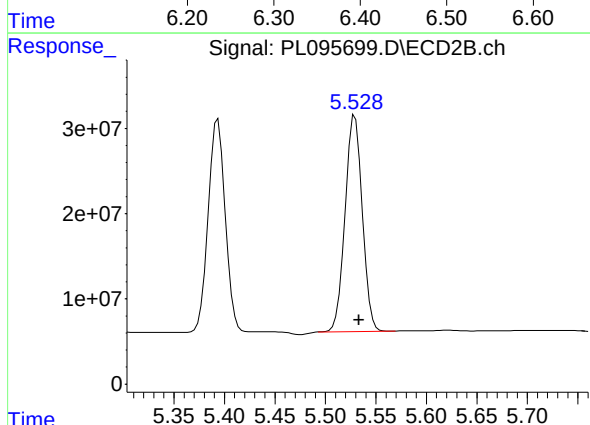
#13 Dieldrin

R.T.: 6.389 min
Delta R.T.: -0.002 min
Response: 242686036
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

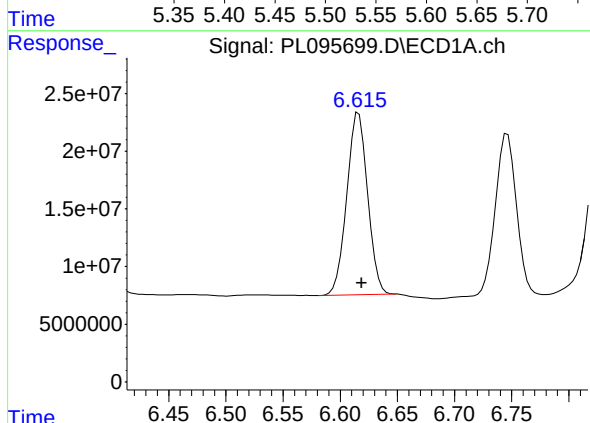
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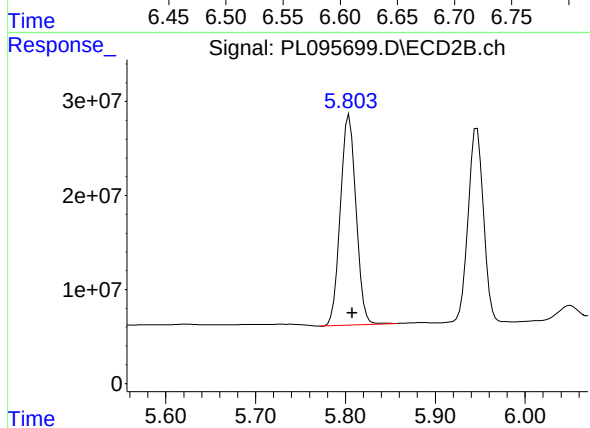
#13 Dieldrin

R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 301764189
Conc: 49.05 ng/ml



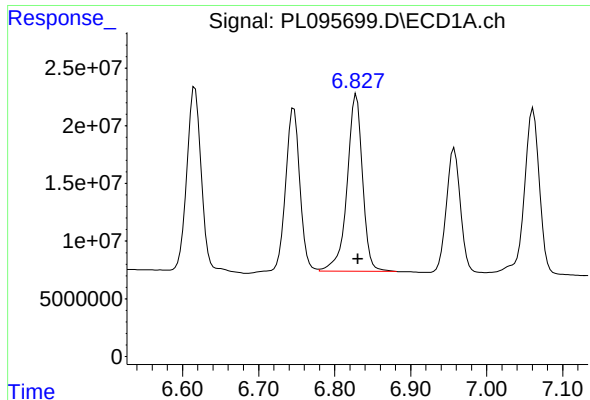
#14 Endrin

R.T.: 6.616 min
Delta R.T.: -0.002 min
Response: 201561793
Conc: 52.62 ng/ml



#14 Endrin

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 270252473
Conc: 50.73 ng/ml



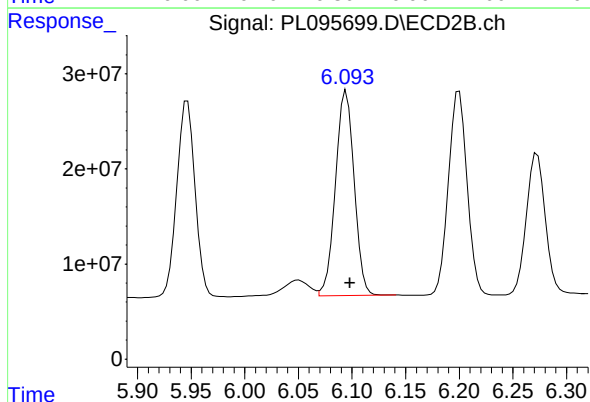
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.003 min
Response: 217687703
Conc: 52.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

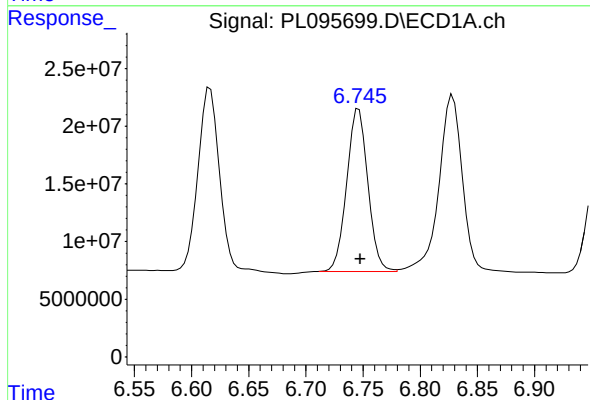
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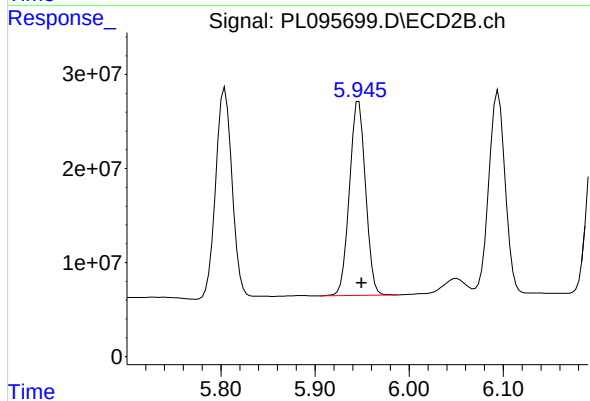
#15 Endosulfan II

R.T.: 6.095 min
Delta R.T.: -0.004 min
Response: 261164896
Conc: 47.69 ng/ml



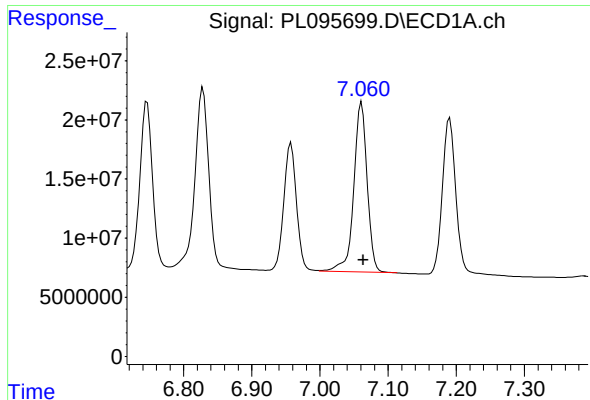
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: -0.001 min
Response: 182782511
Conc: 47.04 ng/ml



#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 245143723
Conc: 47.67 ng/ml



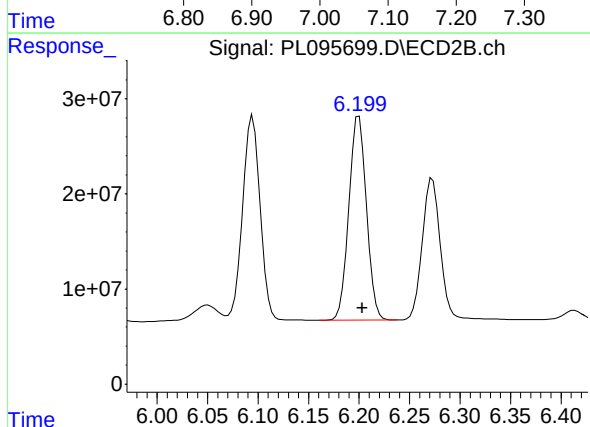
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: -0.002 min
Response: 197117091
Conc: 54.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

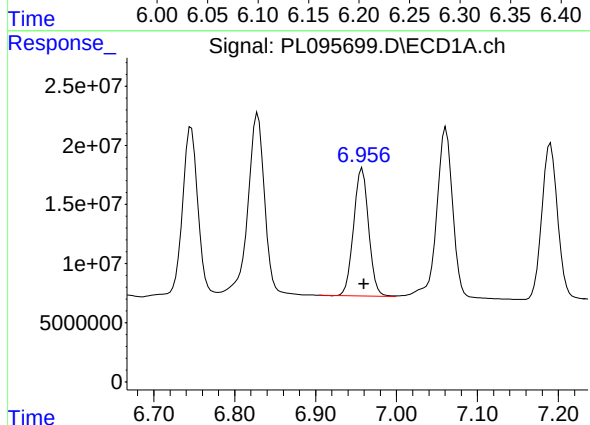
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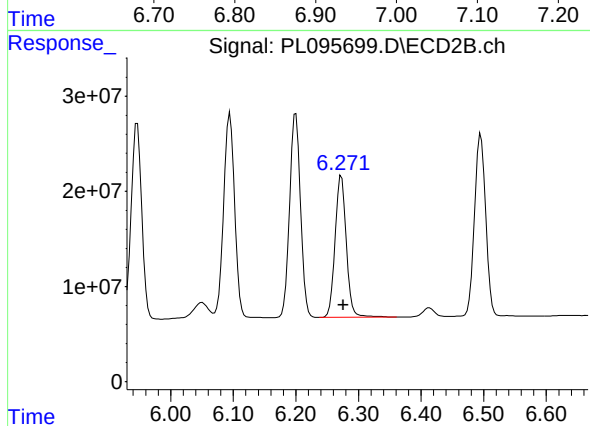
#17 4,4'-DDT

R.T.: 6.200 min
Delta R.T.: -0.003 min
Response: 260370566
Conc: 51.88 ng/ml



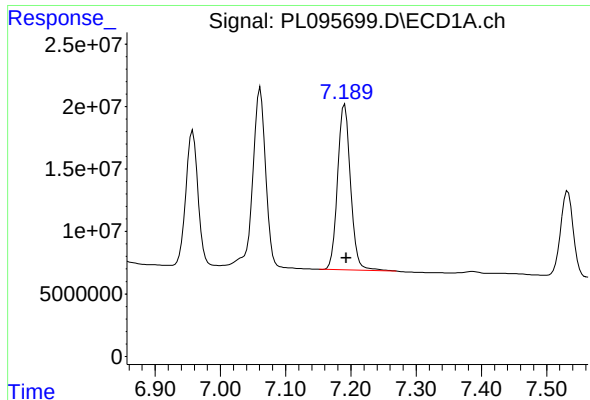
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: -0.002 min
Response: 139488649
Conc: 47.51 ng/ml



#18 Endrin aldehyde

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 186919375
Conc: 48.82 ng/ml



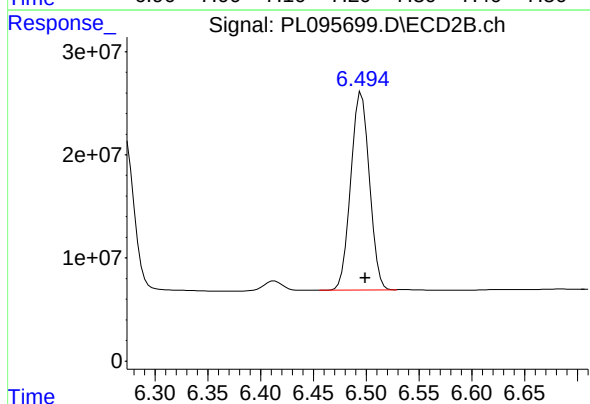
#19 Endosulfan Sulfate

R.T.: 7.190 min
Delta R.T.: -0.003 min
Response: 182952421
Conc: 49.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

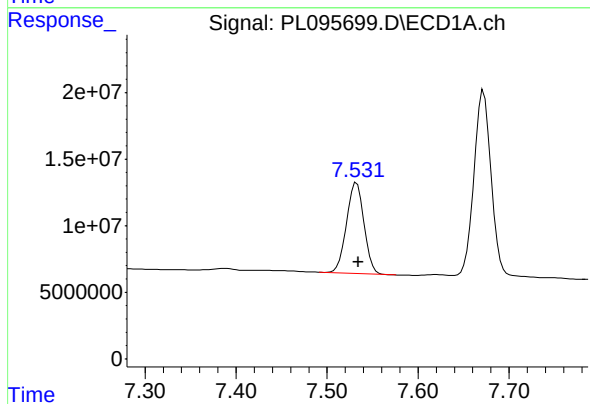
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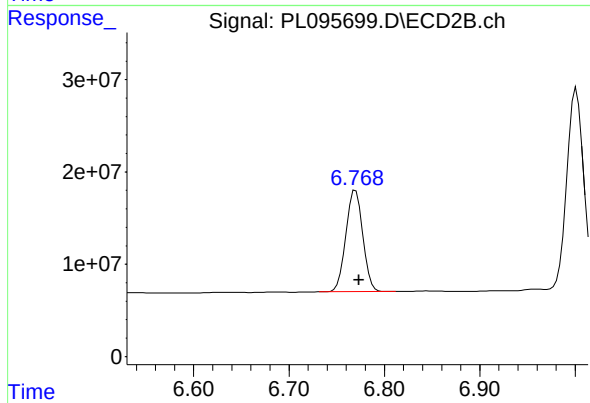
#19 Endosulfan Sulfate

R.T.: 6.496 min
Delta R.T.: -0.003 min
Response: 235613388
Conc: 47.39 ng/ml



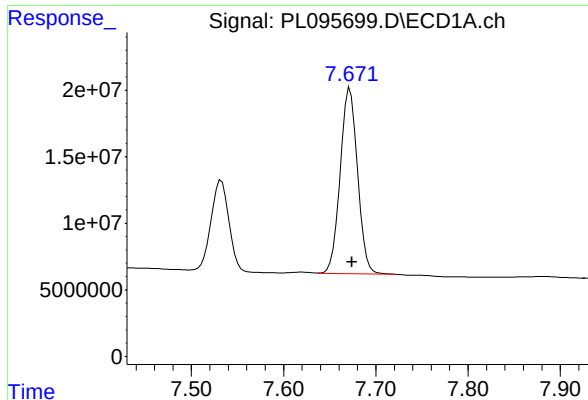
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: -0.002 min
Response: 91123484
Conc: 54.05 ng/ml



#20 Methoxychlor

R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 136435065
Conc: 50.42 ng/ml



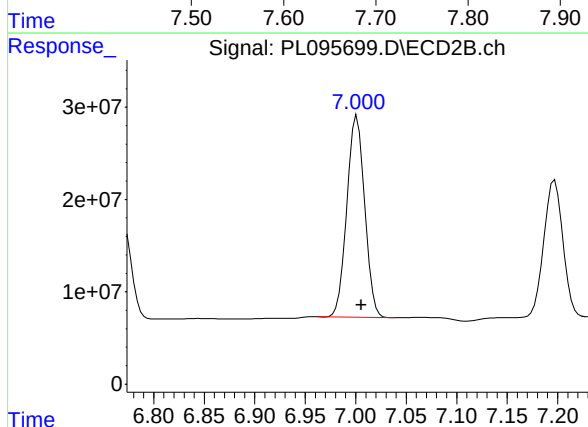
#21 Endrin ketone

R.T.: 7.672 min
Delta R.T.: -0.002 min
Response: 182065363
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

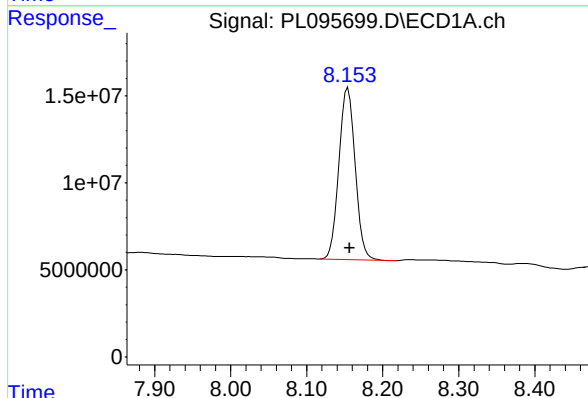
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Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



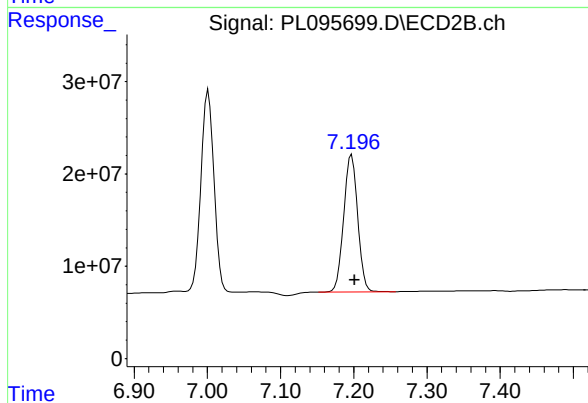
#21 Endrin ketone

R.T.: 7.001 min
Delta R.T.: -0.004 min
Response: 268130046
Conc: 45.63 ng/ml



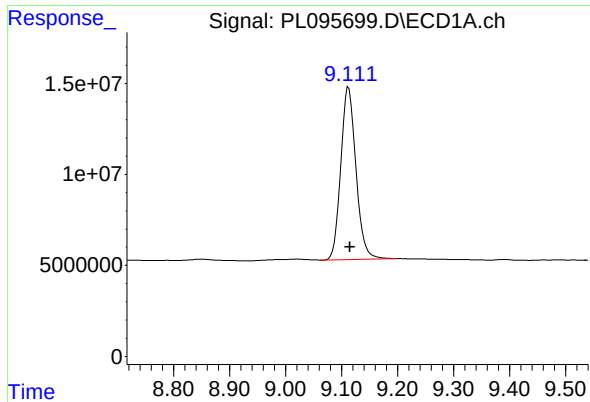
#22 Mirex

R.T.: 8.154 min
Delta R.T.: -0.002 min
Response: 145812929
Conc: 47.89 ng/ml



#22 Mirex

R.T.: 7.197 min
Delta R.T.: -0.004 min
Response: 197343847
Conc: 45.77 ng/ml



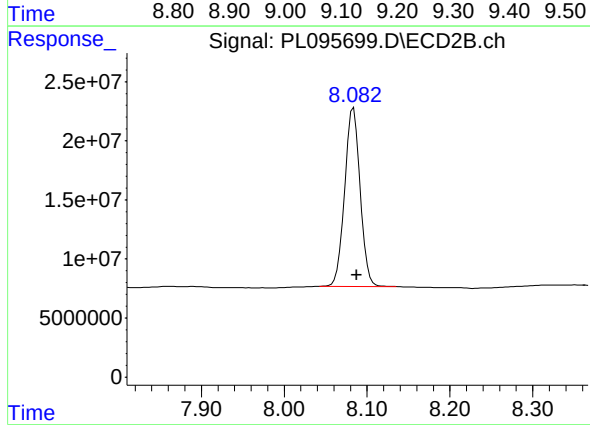
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: -0.003 min
Response: 178038181
Conc: 52.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 05/19/2025



#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: -0.004 min
Response: 196281107
Conc: 47.59 ng/ml