

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052225\
 Data File : PL095759.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2025 09:59
 Operator : AR\AJ
 Sample : Q2080-06MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PL-HRH-COMP-01MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/23/2025
 Supervised By : mohammad ahmed 05/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 11:46:42 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	2.886	57948810	67972916	18.366m	17.367
2) SA Decachlor...	9.102	8.062	45067620	91260039	19.126	20.862
Target Compounds						
2) A alpha-BHC	4.024	3.396	243.8E6	298.5E6	50.292	50.967
3) MA gamma-BHC...	4.355	3.730	226.6E6	285.7E6	50.663m	51.011
4) MA Heptachlor	4.954	4.083	180.4E6	265.9E6	47.669	47.414
5) MB Aldrin	5.296	4.367	205.0E6	259.7E6	47.918	48.944
6) B beta-BHC	4.543	4.024	97084258	129.5E6	49.247	52.271m
7) B delta-BHC	4.792	4.261	221.6E6	288.7E6	49.993	51.127
8) B Heptachlo...	5.718	4.870	191.8E6	251.8E6	50.243	50.990
9) A Endosulfan I	6.101	5.242	183.6E6	242.8E6	50.092	50.963
10) B gamma-Chl...	5.973	5.122	196.4E6	264.8E6	50.450	50.412
11) B alpha-Chl...	6.054	5.186	194.9E6	261.9E6	49.373	50.340
12) B 4,4'-DDE	6.224	5.373	181.2E6	265.4E6	49.411	49.504
13) MA Dieldrin	6.375	5.507	196.2E6	267.5E6	50.829	50.476
14) MA Endrin	6.602	5.782	146.6E6	220.8E6	45.443	45.283
15) B Endosulfa...	6.815	6.072	166.9E6	241.0E6	48.447	50.726
16) A 4,4'-DDD	6.735	5.926	155.1E6	233.7E6	52.924	53.291
17) MA 4,4'-DDT	7.050	6.179	116.9E6	201.1E6	43.206	42.057
18) B Endrin al...	6.944	6.250	125.5E6	180.2E6	51.907	52.163
19) B Endosulfa...	7.178	6.474	147.5E6	228.5E6	49.368	50.837
20) A Methoxychlor	7.523	6.749	54026416	107.2E6	42.363	40.966
21) B Endrin ke...	7.659	6.979	169.3E6	276.6E6	53.458	53.467
22) Mirex	8.141	7.173	114.7E6	198.4E6	49.565	48.854

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052225\
Data File : PL095759.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 May 2025 09:59
Operator : AR\AJ
Sample : Q2080-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

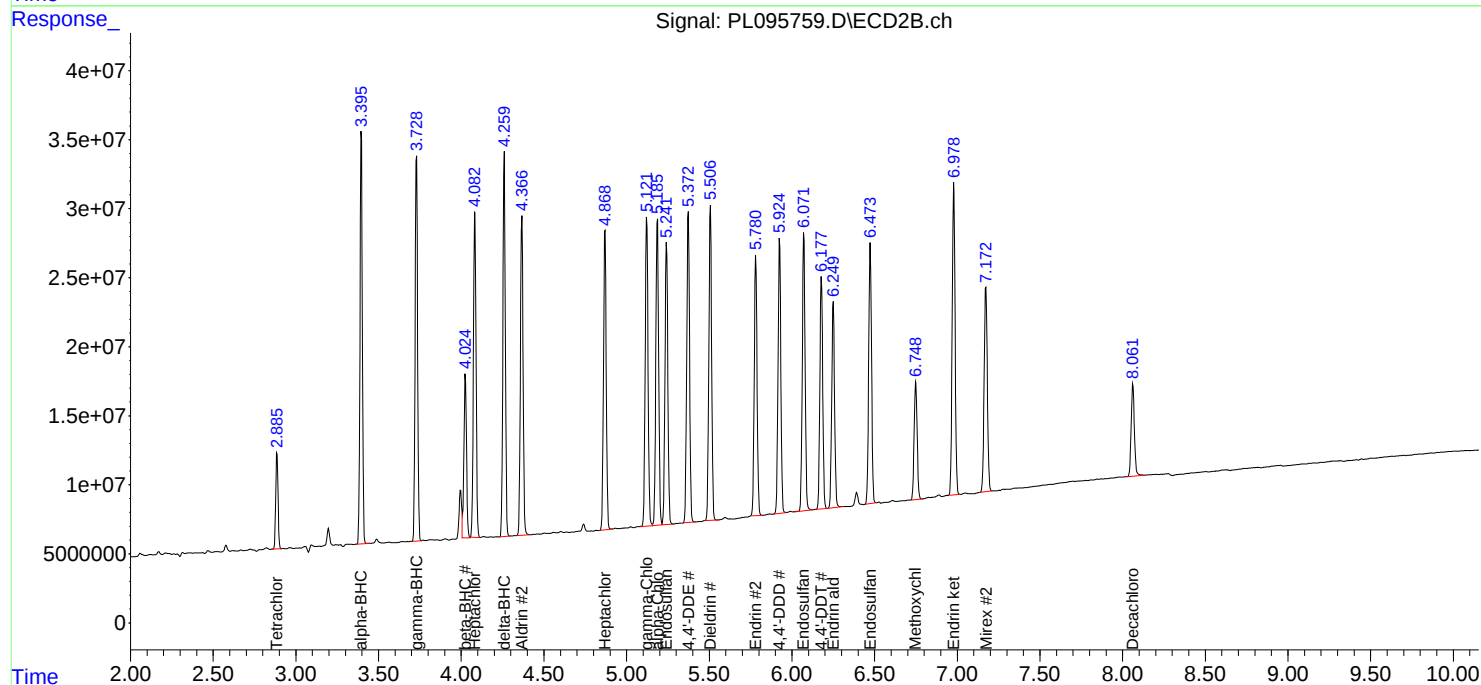
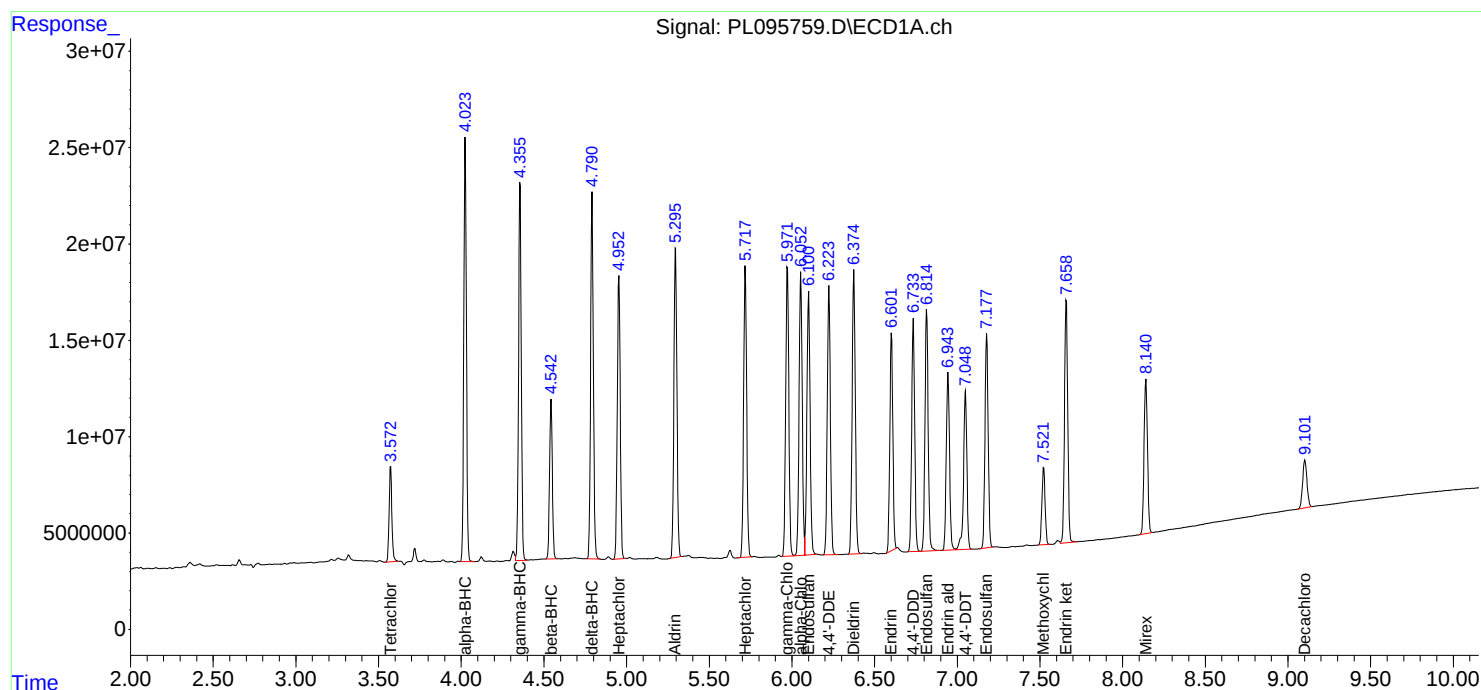
Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MS

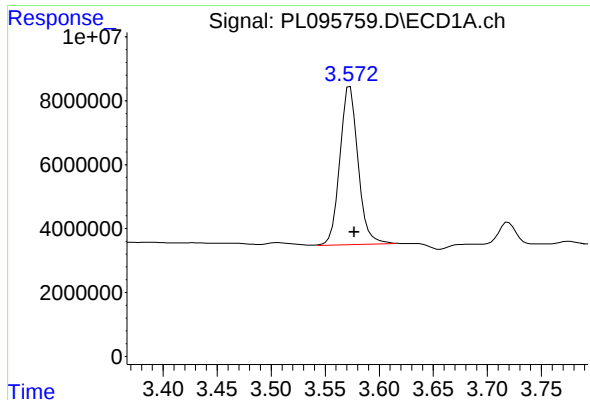
Manual Integrations
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Reviewed By :Abdul Mirza 05/23/2025
Supervised By :mohammad ahmed 05/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 22 11:46:42 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





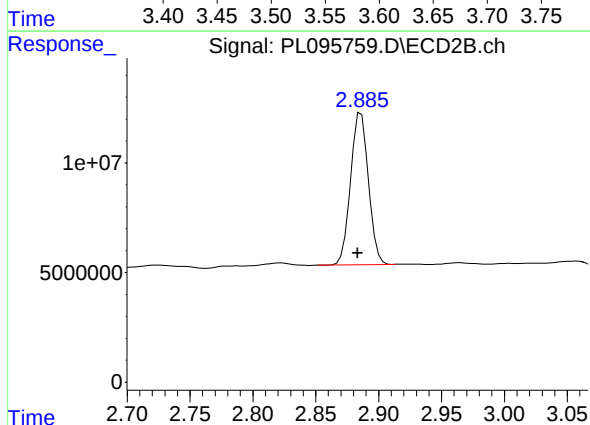
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 57948810
Conc: 18.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MS

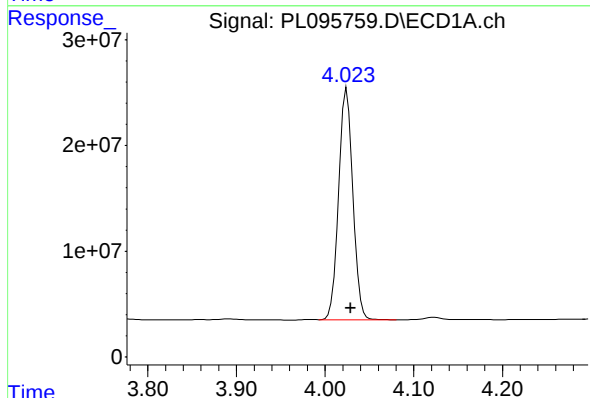
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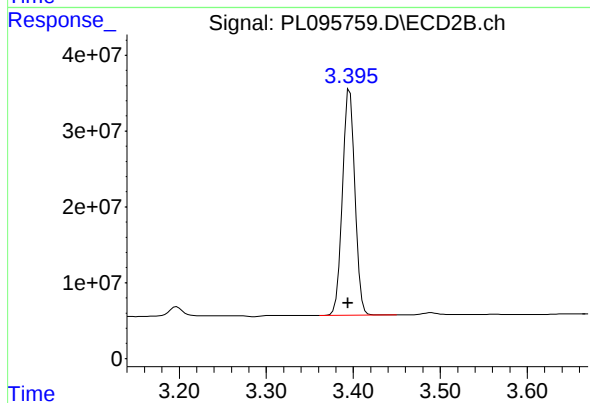
#1 Tetrachloro-m-xylene

R.T.: 2.886 min
Delta R.T.: 0.003 min
Response: 67972916
Conc: 17.37 ng/ml



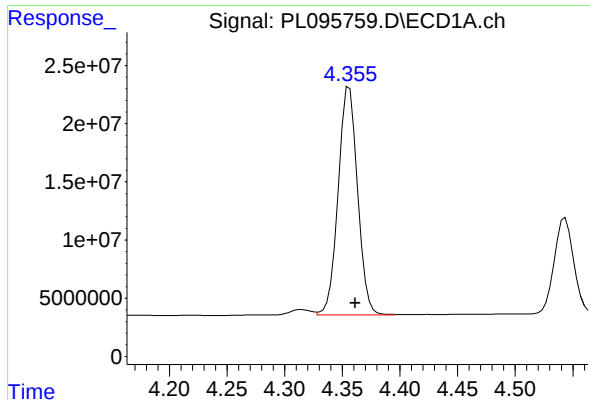
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.005 min
Response: 243810971
Conc: 50.29 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.002 min
Response: 298529953
Conc: 50.97 ng/ml



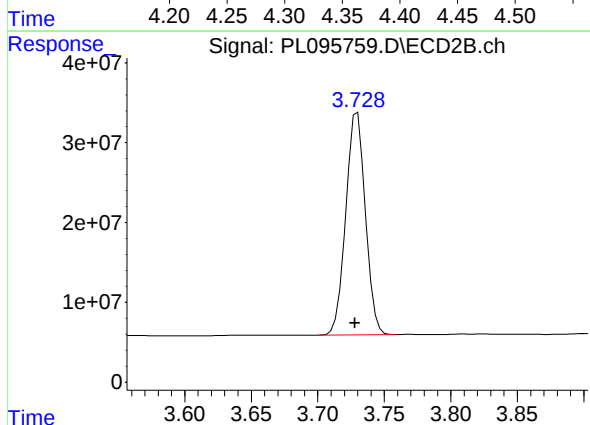
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.007 min
Response: 226558343
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MS

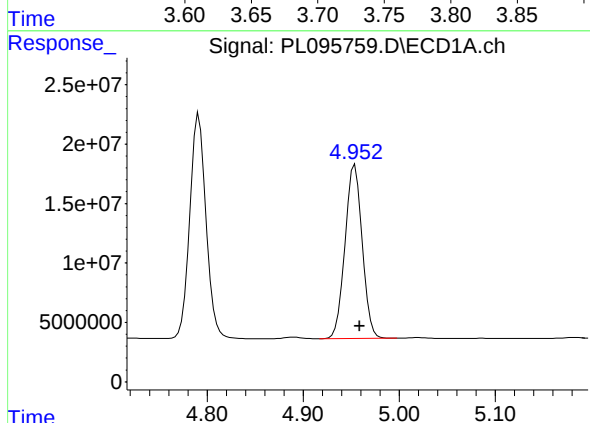
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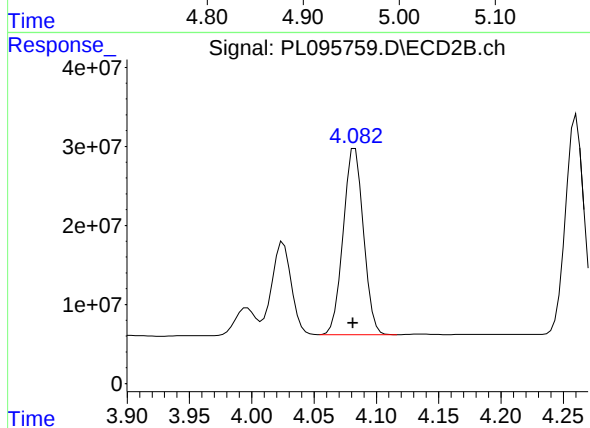
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: 0.002 min
Response: 285725395
Conc: 51.01 ng/ml



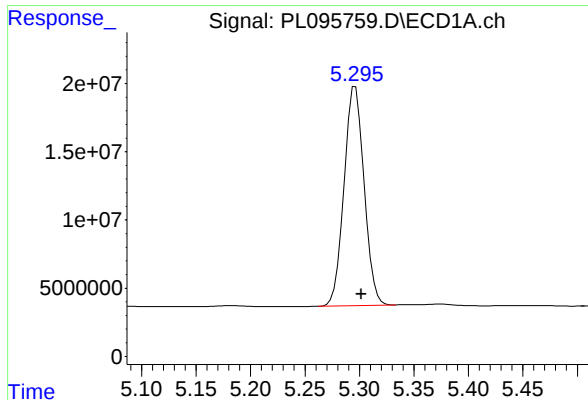
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 180427438
Conc: 47.67 ng/ml



#4 Heptachlor

R.T.: 4.083 min
Delta R.T.: 0.002 min
Response: 265948170
Conc: 47.41 ng/ml



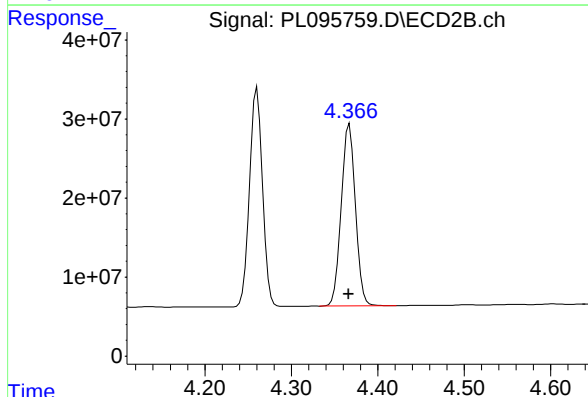
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: -0.006 min
Response: 204980204
Conc: 47.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MS

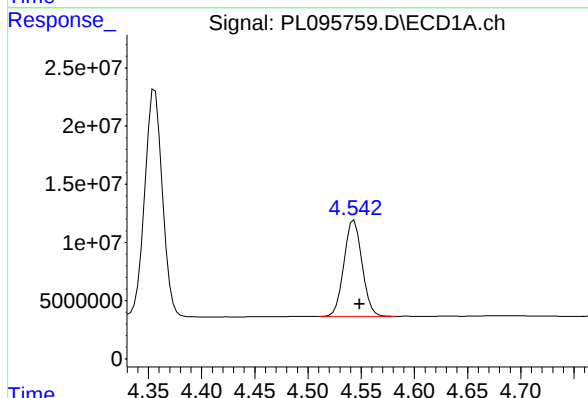
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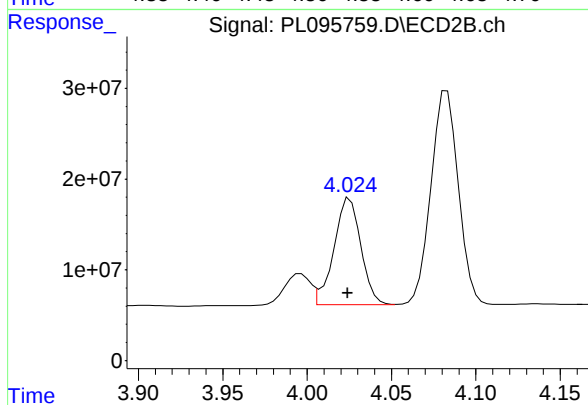
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 259748909
Conc: 48.94 ng/ml



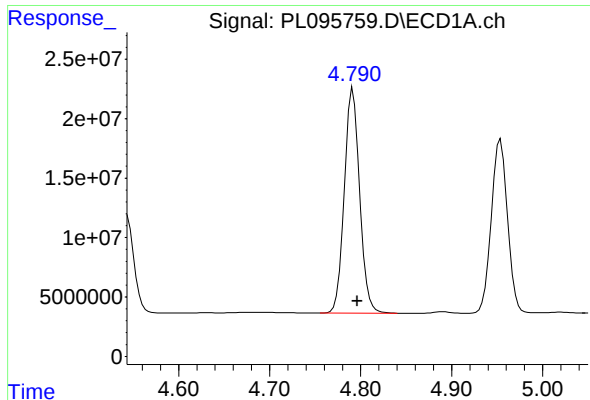
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.005 min
Response: 97084258
Conc: 49.25 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 129502957
Conc: 52.27 ng/ml m



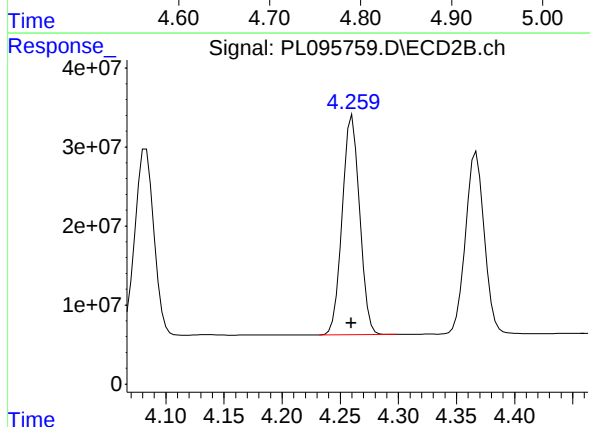
#7 delta-BHC

R.T.: 4.792 min
Delta R.T.: -0.005 min
Response: 221647330
Conc: 49.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MS

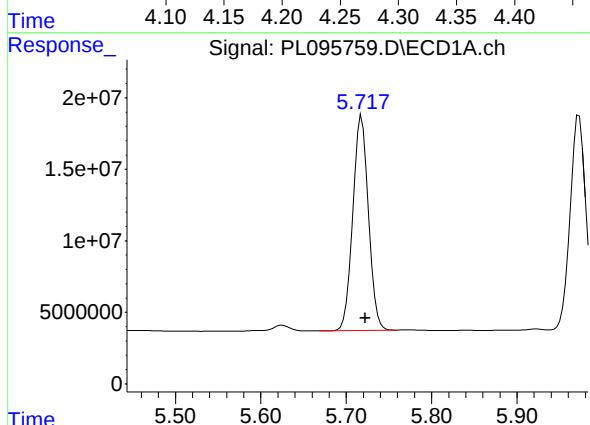
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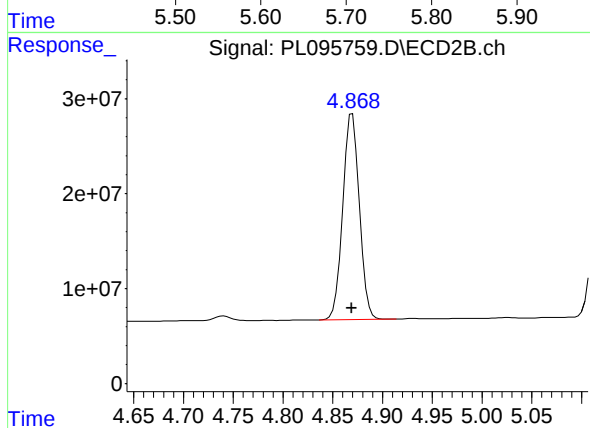
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: 0.001 min
Response: 288733849
Conc: 51.13 ng/ml



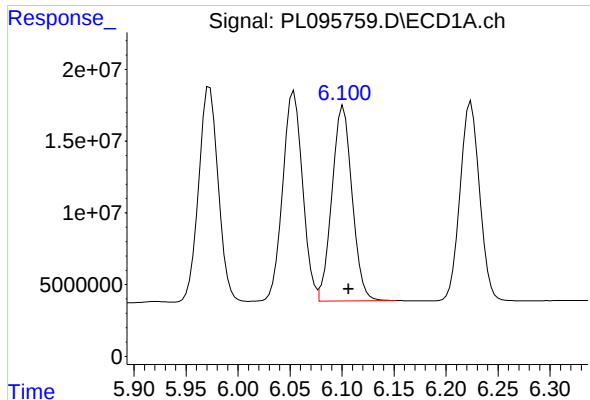
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: -0.004 min
Response: 191771972
Conc: 50.24 ng/ml



#8 Heptachlor epoxide

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 251759699
Conc: 50.99 ng/ml



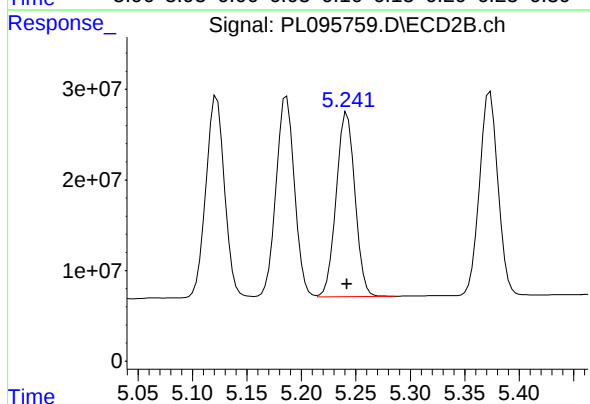
#9 Endosulfan I

R.T.: 6.101 min
Delta R.T.: -0.005 min
Response: 183577679
Conc: 50.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MS

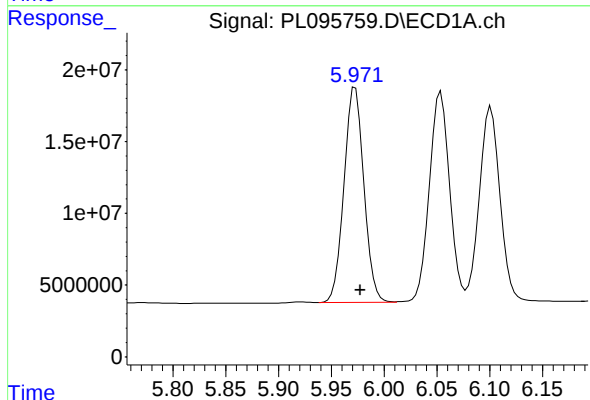
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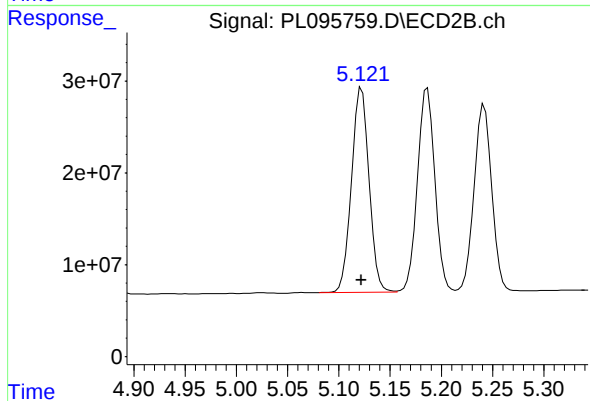
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 242839778
Conc: 50.96 ng/ml



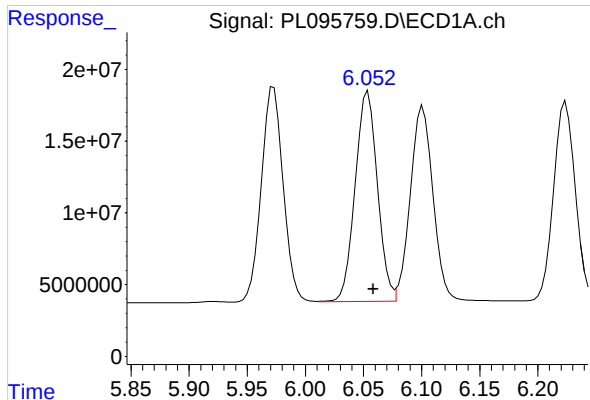
#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: -0.005 min
Response: 196354994
Conc: 50.45 ng/ml



#10 gamma-Chlordane

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 264797746
Conc: 50.41 ng/ml



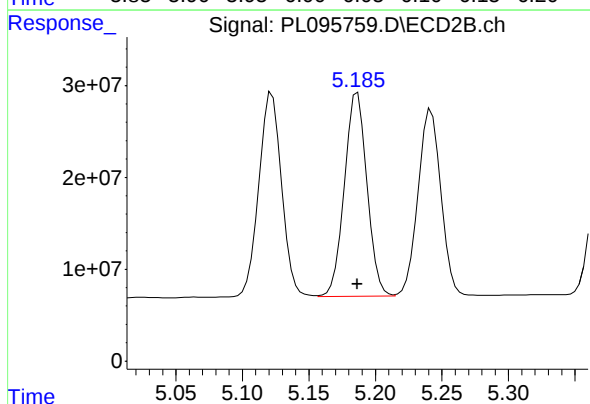
#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: -0.005 min
Response: 194934060
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MS

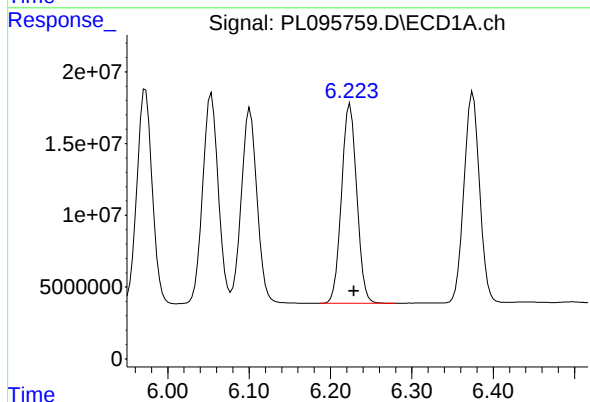
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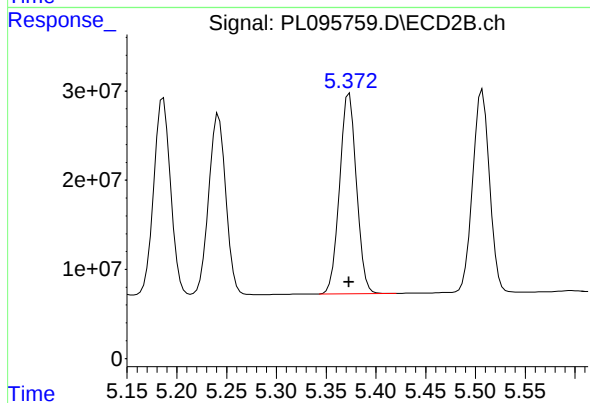
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 261907147
Conc: 50.34 ng/ml



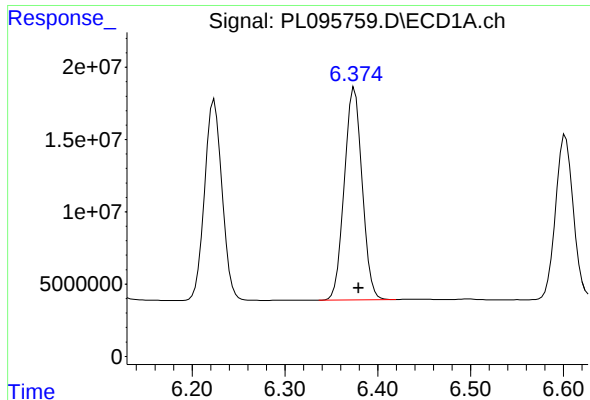
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: -0.005 min
Response: 181234853
Conc: 49.41 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 265445599
Conc: 49.50 ng/ml



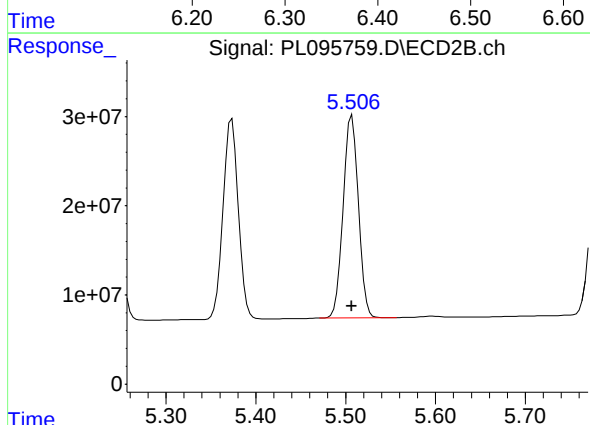
#13 Dieldrin

R.T.: 6.375 min
Delta R.T.: -0.004 min
Response: 196159009
Conc: 50.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MS

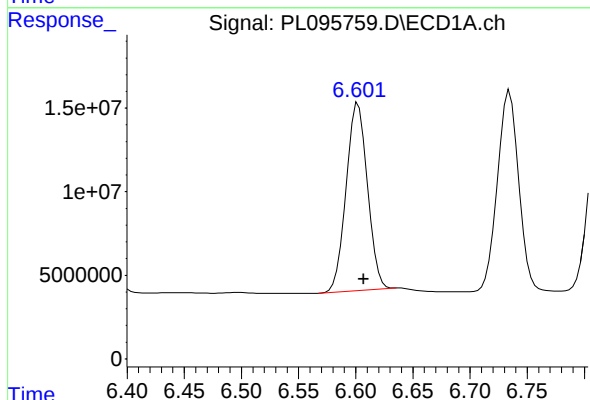
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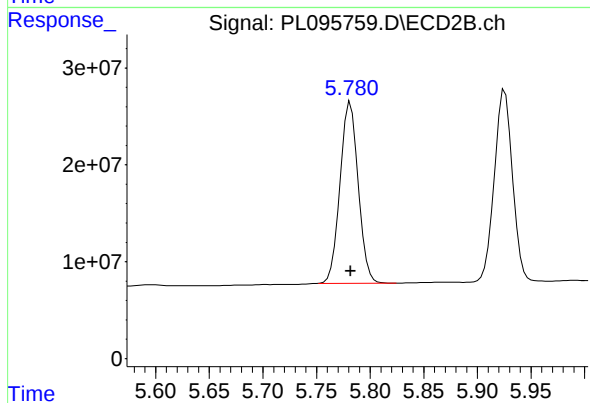
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 267531390
Conc: 50.48 ng/ml



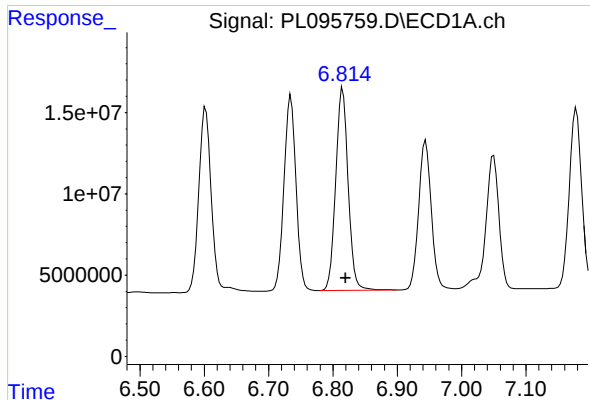
#14 Endrin

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 146634343
Conc: 45.44 ng/ml



#14 Endrin

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 220805984
Conc: 45.28 ng/ml



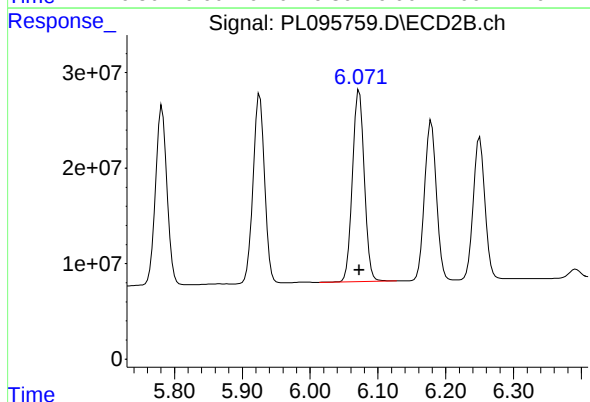
#15 Endosulfan II

R.T.: 6.815 min
Delta R.T.: -0.005 min
Response: 166949705
Conc: 48.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MS

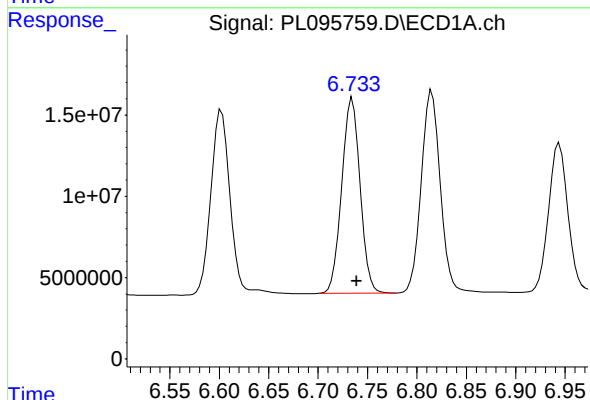
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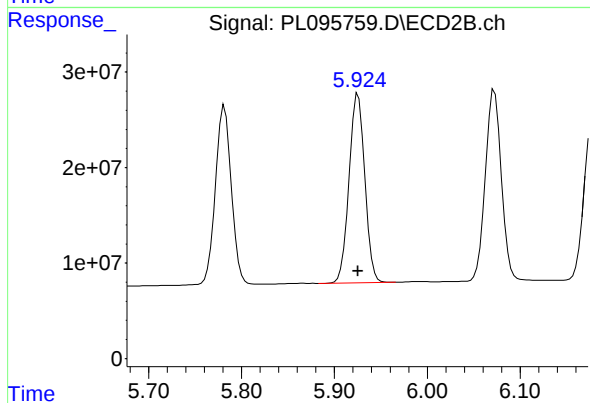
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 241040325
Conc: 50.73 ng/ml



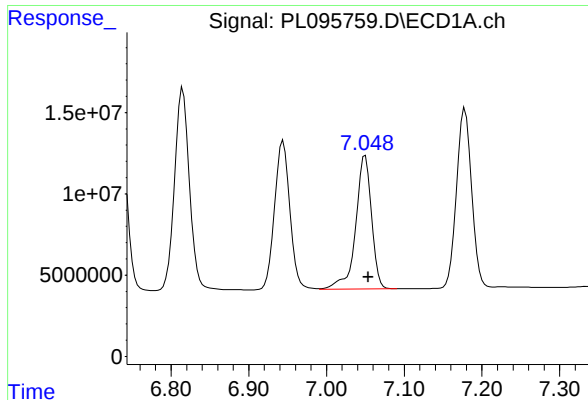
#16 4,4'-DDD

R.T.: 6.735 min
Delta R.T.: -0.004 min
Response: 155100638
Conc: 52.92 ng/ml



#16 4,4'-DDD

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 233676729
Conc: 53.29 ng/ml



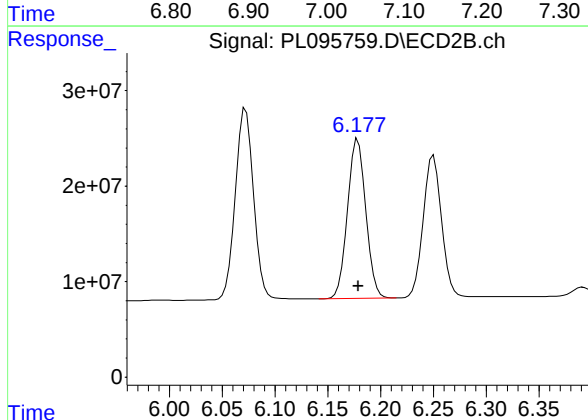
#17 4,4'-DDT

R.T.: 7.050 min
Delta R.T.: -0.004 min
Response: 116878157
Conc: 43.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MS

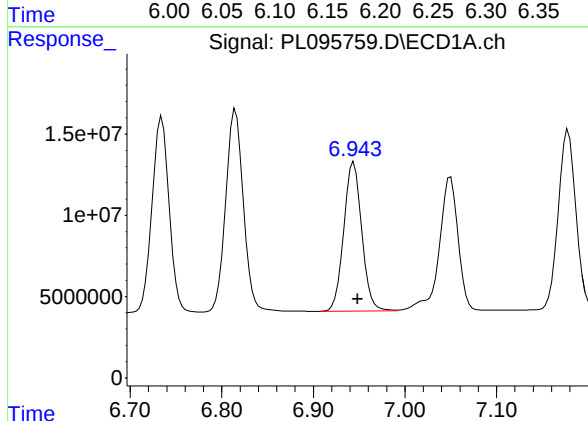
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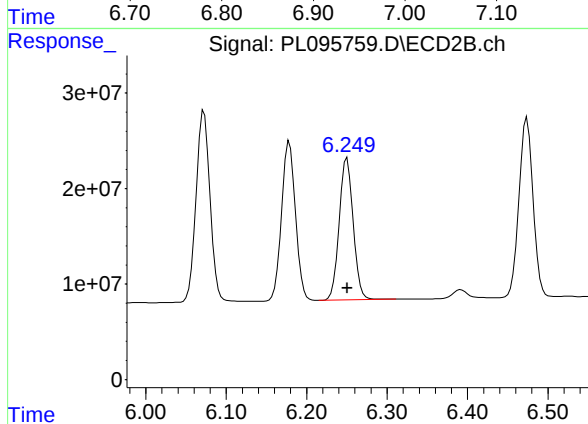
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 201141212
Conc: 42.06 ng/ml



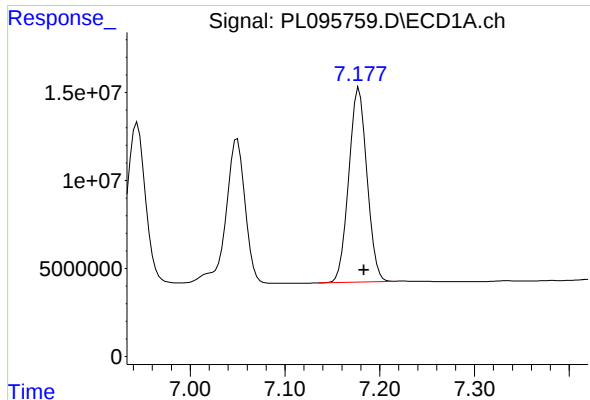
#18 Endrin aldehyde

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 125490262
Conc: 51.91 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 180186304
Conc: 52.16 ng/ml



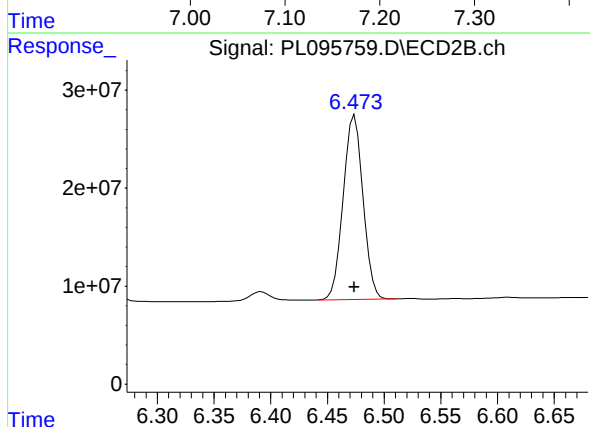
#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: -0.005 min
Response: 147457078
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MS

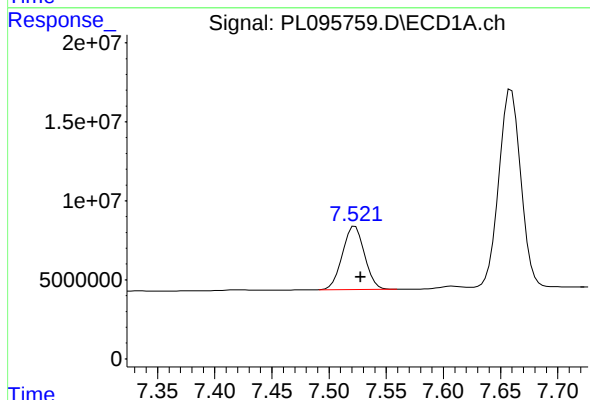
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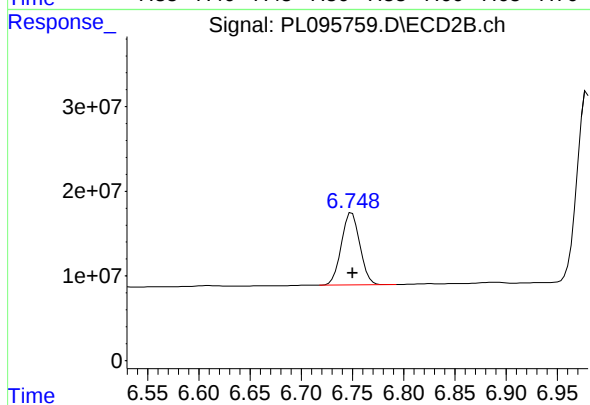
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 228501380
Conc: 50.84 ng/ml



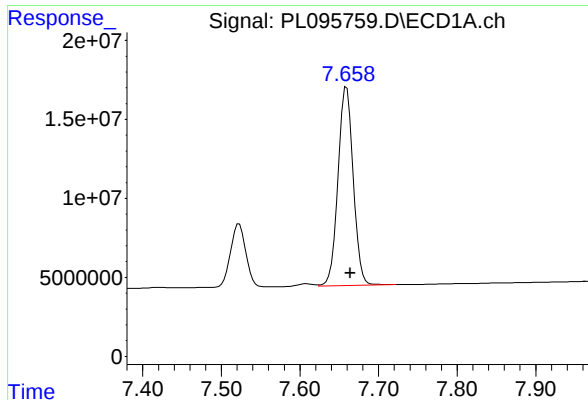
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: -0.005 min
Response: 54026416
Conc: 42.36 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 107170785
Conc: 40.97 ng/ml



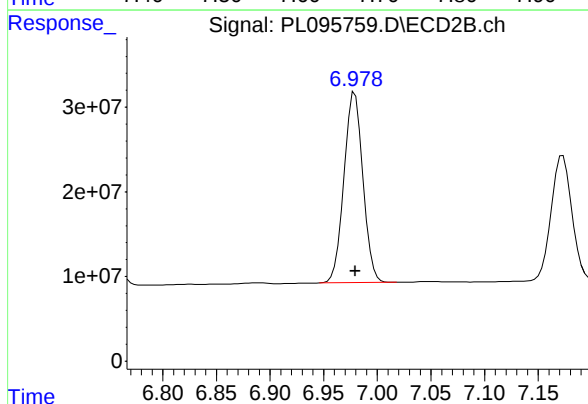
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: -0.005 min
Response: 169295822
Conc: 53.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MS

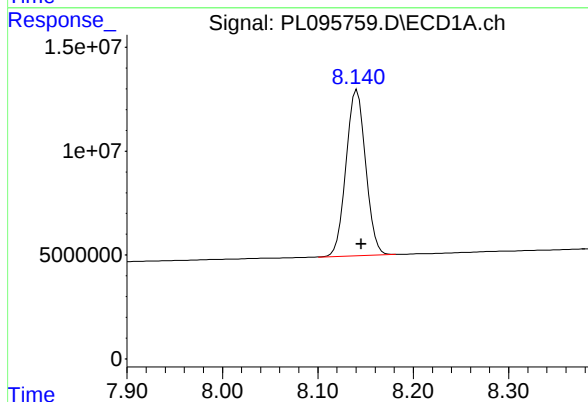
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/23/2025
Supervised By :mohammad ahmed 05/24/2025



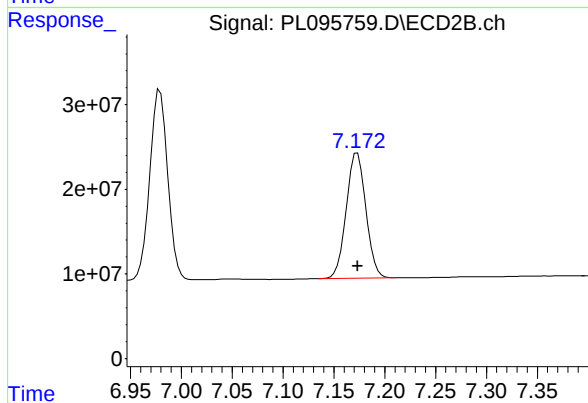
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 276630436
Conc: 53.47 ng/ml



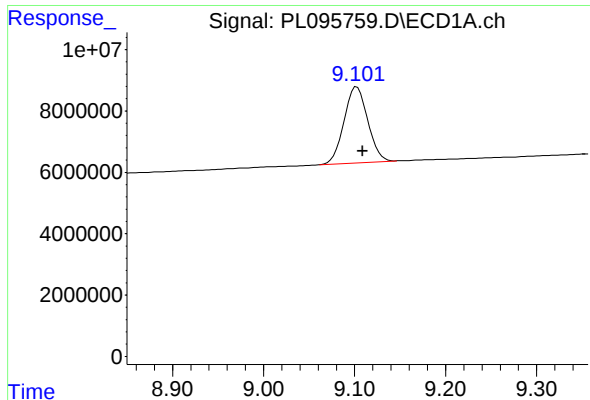
#22 Mirex

R.T.: 8.141 min
Delta R.T.: -0.004 min
Response: 114681259
Conc: 49.56 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 198372013
Conc: 48.85 ng/ml



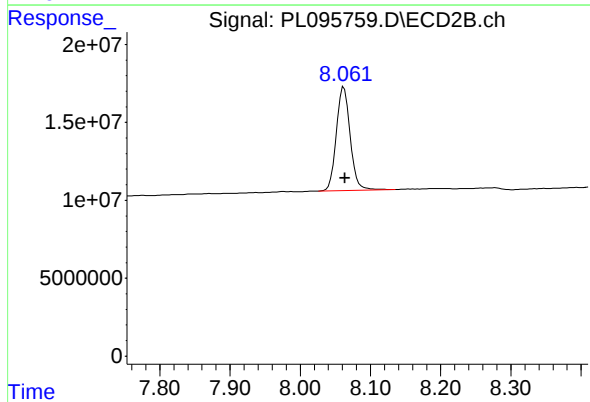
#28 Decachlorobiphenyl

R.T.: 9.102 min
Delta R.T.: -0.007 min
Response: 45067620
Conc: 19.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/23/2025
Supervised By :mohammad ahmed 05/24/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 91260039
Conc: 20.86 ng/ml