

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040825\
 Data File : PL095111.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2025 14:52
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/09/2025
 Supervised By : mohammad ahmed 04/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 22:42:14 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...	3.535	2.768	131.9E6	181.9E6	46.598	50.971
28) SA Decachlor...	9.052	7.901	106.6E6	195.2E6	50.603	48.315
Target Compounds						
2) A alpha-BHC	3.991	3.270	193.4E6	277.1E6	46.585	51.404
3) MA gamma-BHC...	4.323	3.599	186.2E6	260.9E6	46.672	50.766
4) MA Heptachlor	4.911	3.937	176.2E6	258.1E6	45.399	48.989
5) MB Aldrin	5.253	4.216	167.4E6	240.2E6	45.334	49.257
6) B beta-BHC	4.523	3.900	85010383	113.2E6	46.071	50.979
7) B delta-BHC	4.770	4.129	183.7E6	259.1E6	47.160	51.796
8) B Heptachlo...	5.679	4.719	152.3E6	223.0E6	45.530	48.713
9) A Endosulfan I	6.066	5.088	144.9E6	205.6E6	47.198	46.846
10) B gamma-Chl...	5.937	4.969	157.2E6	235.0E6	46.662	48.678
11) B alpha-Chl...	6.015	5.032	154.9E6	230.7E6	46.998	48.339
12) B 4,4'-DDE	6.189	5.220	152.9E6	233.7E6	51.965	50.267m
13) MA Dieldrin	6.341	5.351	153.8E6	236.2E6	48.076	48.687m
14) MA Endrin	6.571	5.629	128.9E6	215.5E6	46.511	49.395
15) B Endosulfa...	6.791	5.924	131.8E6	208.4E6	48.549	48.156
16) A 4,4'-DDD	6.707	5.776	118.4E6	187.2E6	54.656	52.046
17) MA 4,4'-DDT	7.021	6.027	122.3E6	206.9E6	51.426	51.312
18) B Endrin al...	6.921	6.103	99583075	159.1E6	47.174	47.281
19) B Endosulfa...	7.157	6.326	116.2E6	199.3E6	47.797	48.932
20) A Methoxychlor	7.498	6.600	64388294	111.6E6	53.788	52.607m
21) B Endrin ke...	7.642	6.830	127.4E6	235.5E6	48.202	49.350m
22) Mirex	8.114	7.009	94272203	177.7E6	45.624	46.825m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040825\
Data File : PL095111.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Apr 2025 14:52
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

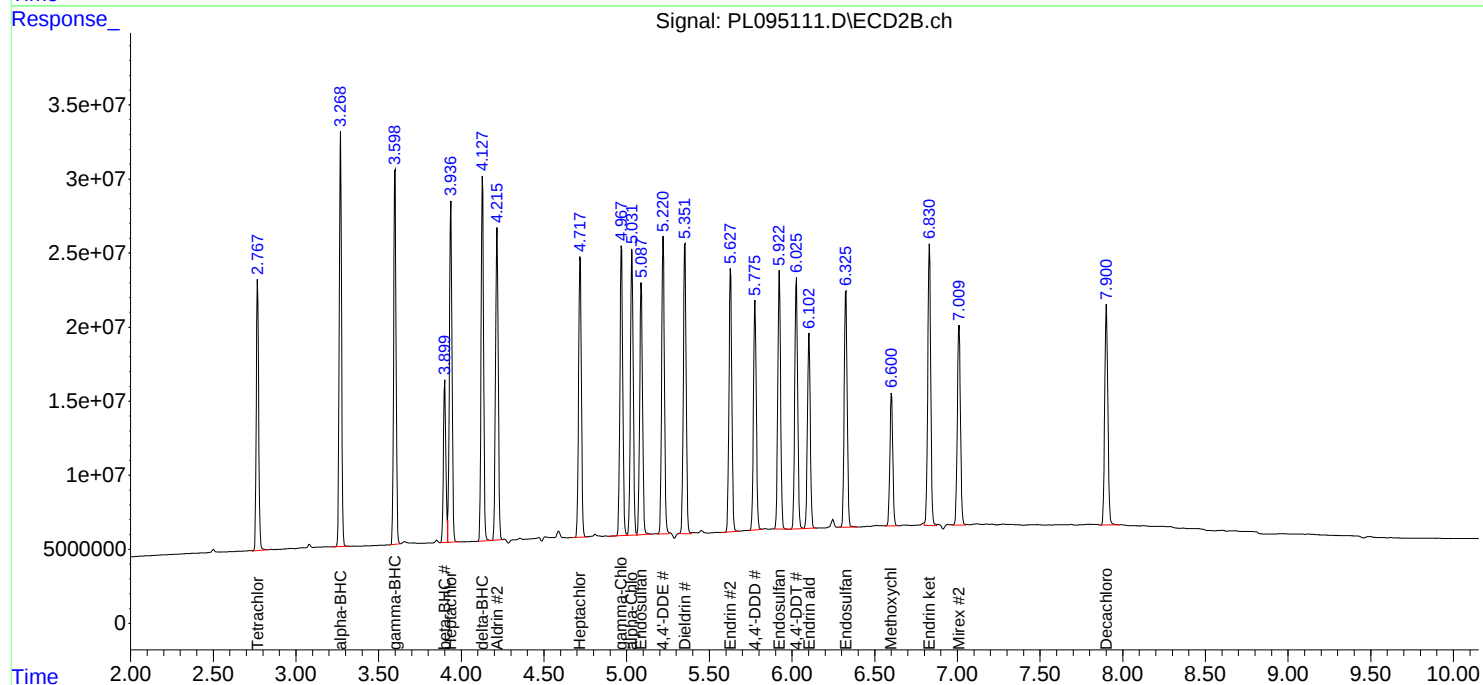
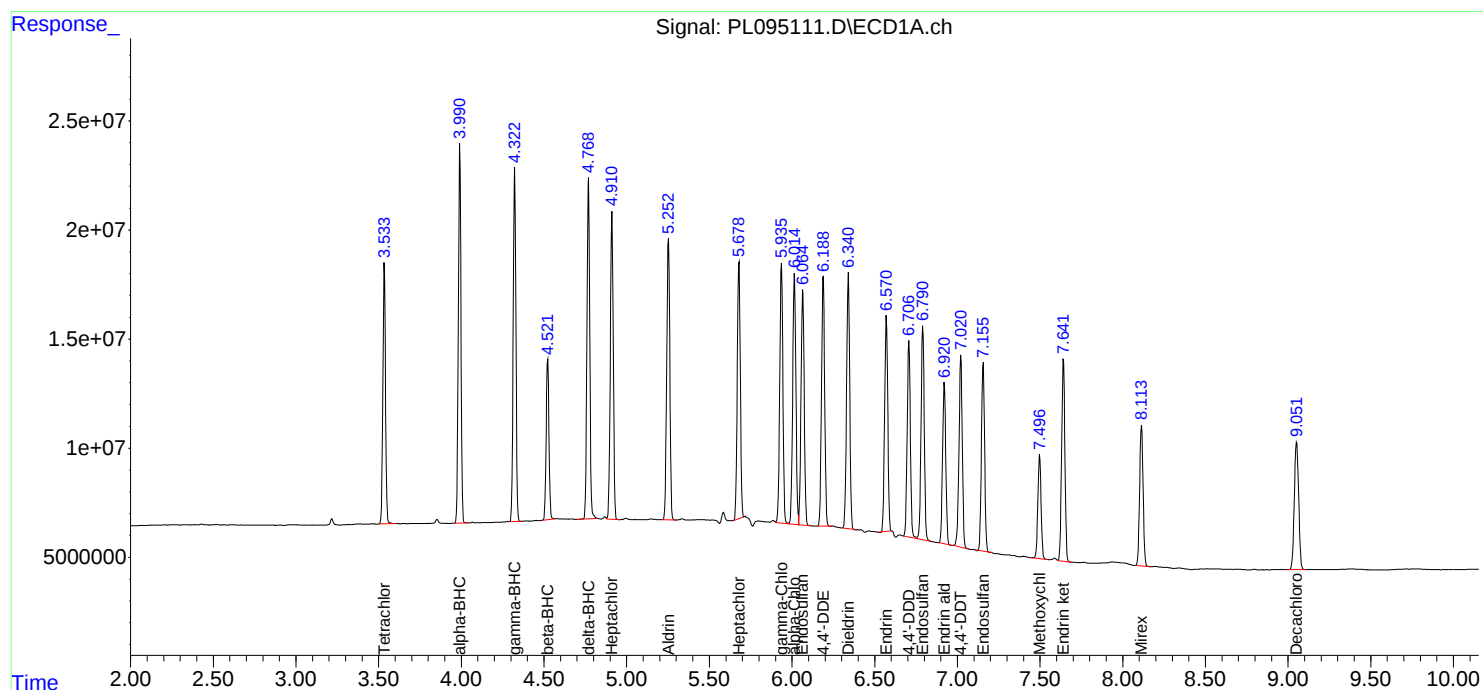
APPROVED

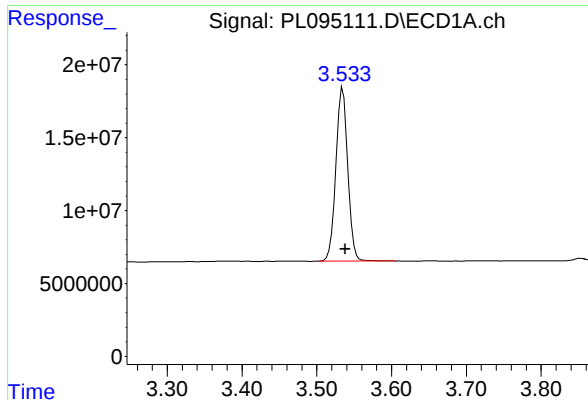
Reviewed By :Abdul Mirza 04/09/2025

Supervised By :mohammad ahmed 04/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 08 22:42:14 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





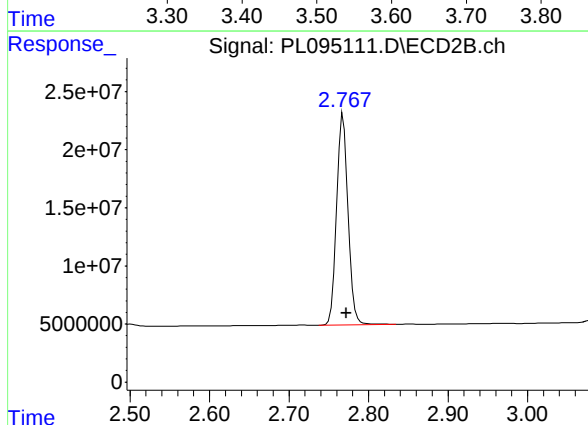
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 131903755
Conc: 46.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

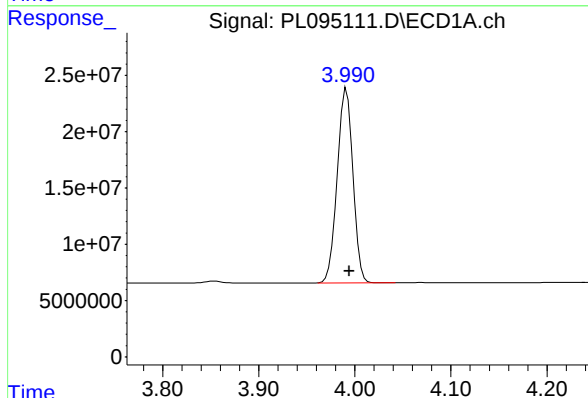
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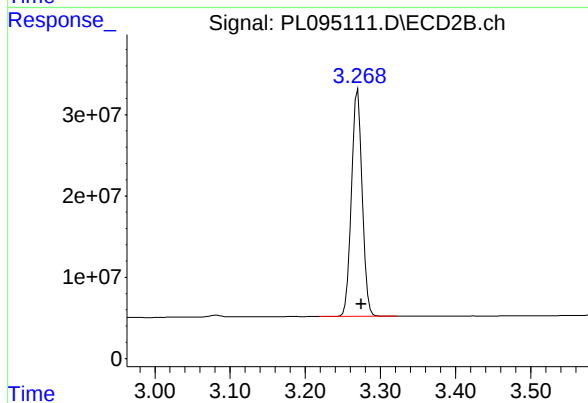
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 181927605
Conc: 50.97 ng/ml



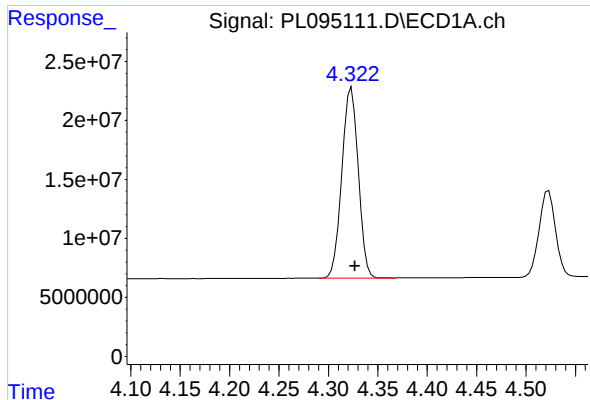
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 193438807
Conc: 46.59 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 277136711
Conc: 51.40 ng/ml



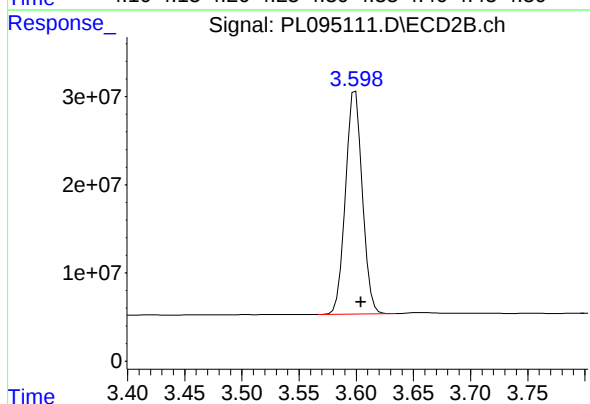
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 186234826
Conc: 46.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

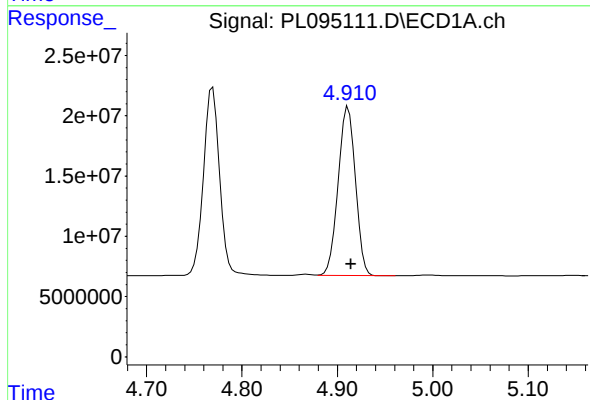
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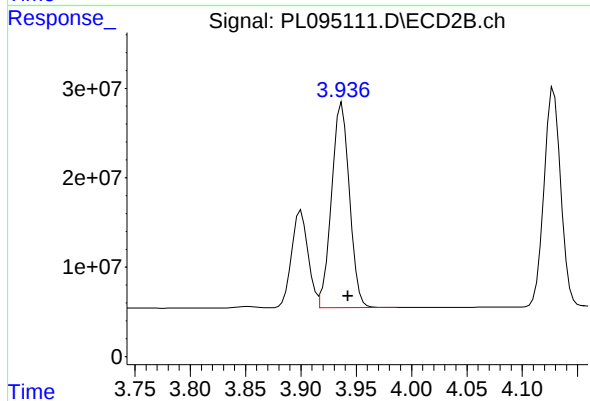
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.005 min
Response: 260907537
Conc: 50.77 ng/ml



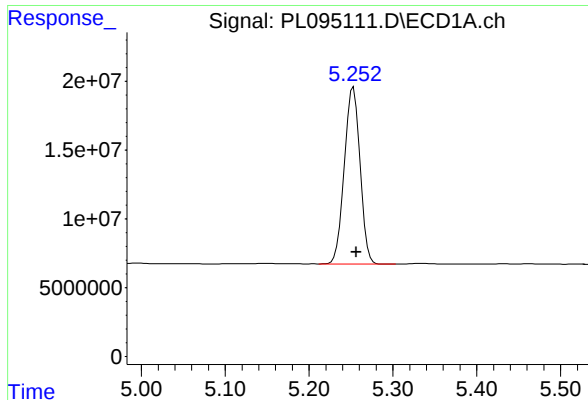
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 176223119
Conc: 45.40 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: -0.005 min
Response: 258107621
Conc: 48.99 ng/ml



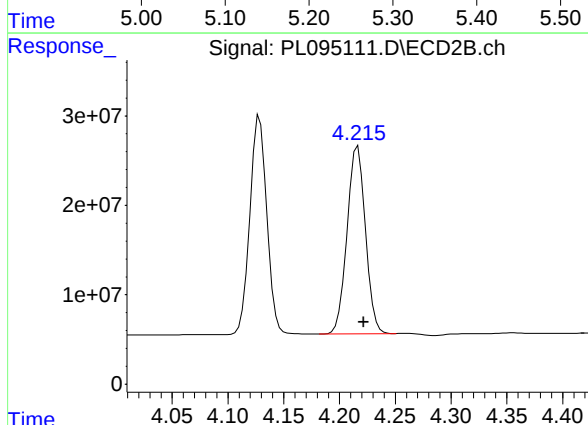
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 167383046
Conc: 45.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

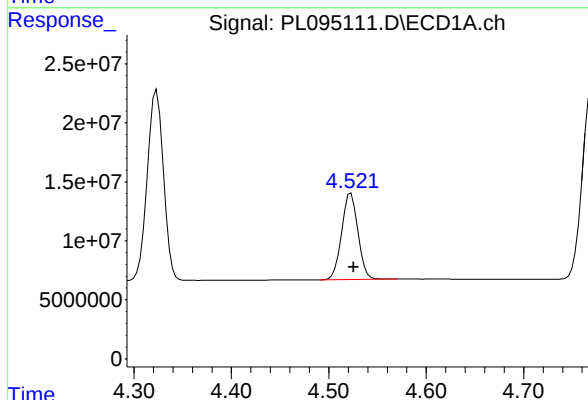
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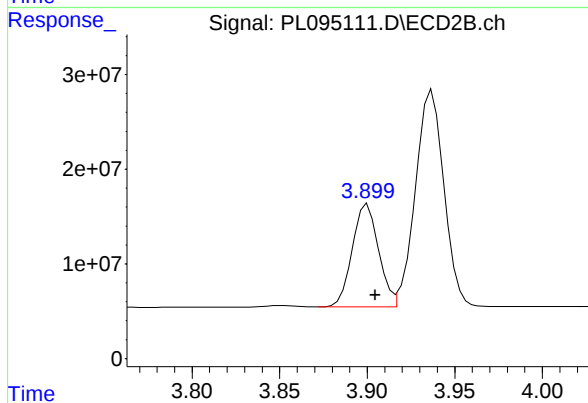
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.005 min
Response: 240194567
Conc: 49.26 ng/ml



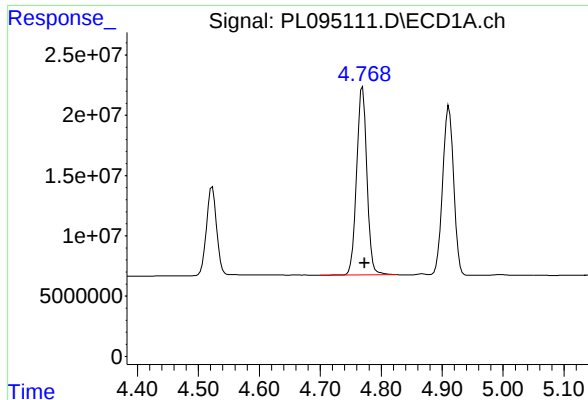
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 85010383
Conc: 46.07 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: -0.005 min
Response: 113238946
Conc: 50.98 ng/ml



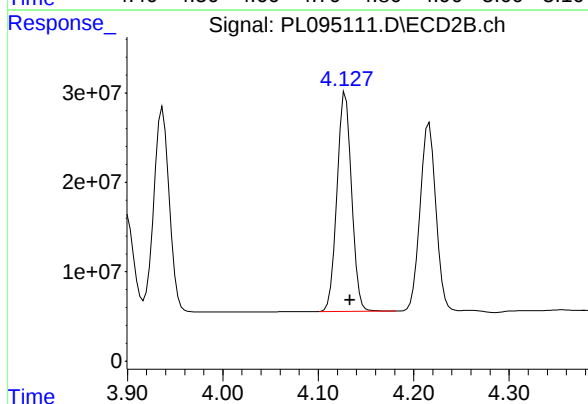
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 183653833
Conc: 47.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

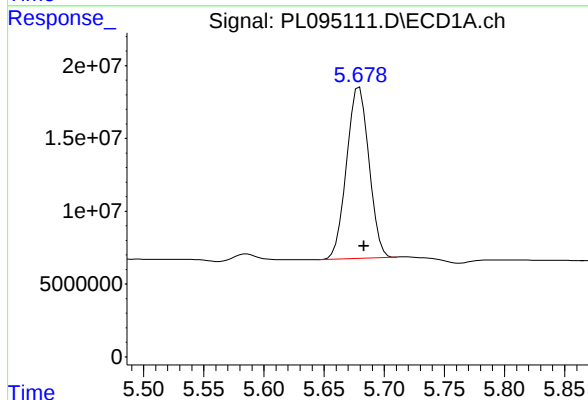
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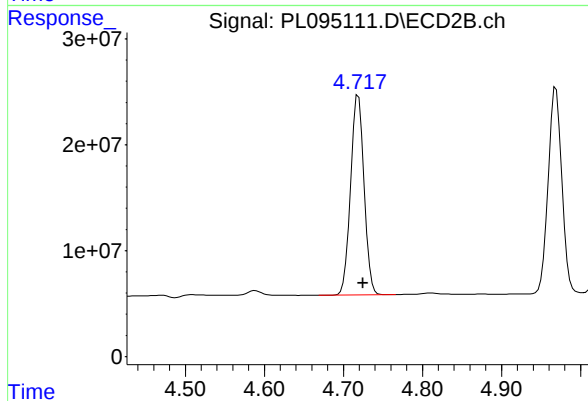
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.005 min
Response: 259080713
Conc: 51.80 ng/ml



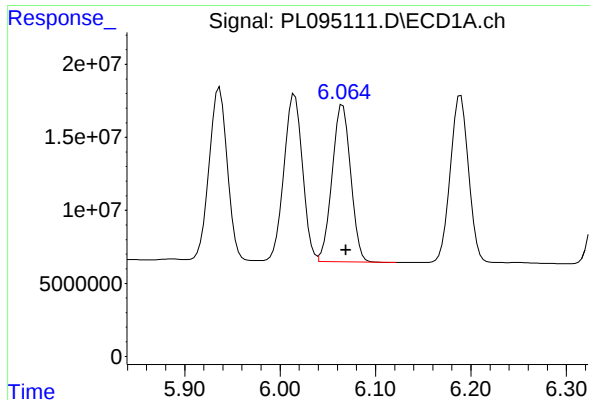
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 152307029
Conc: 45.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.006 min
Response: 223037361
Conc: 48.71 ng/ml



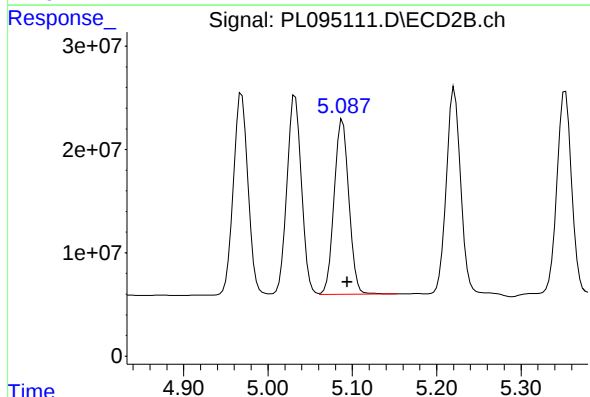
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.004 min
Response: 144908357
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

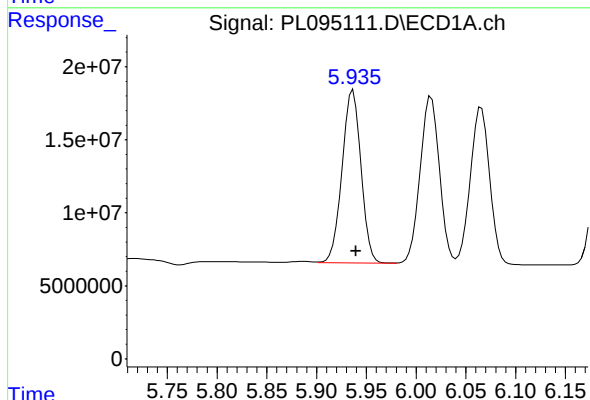
Manual Integrations
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Supervised By :mohammad ahmed 04/10/2025



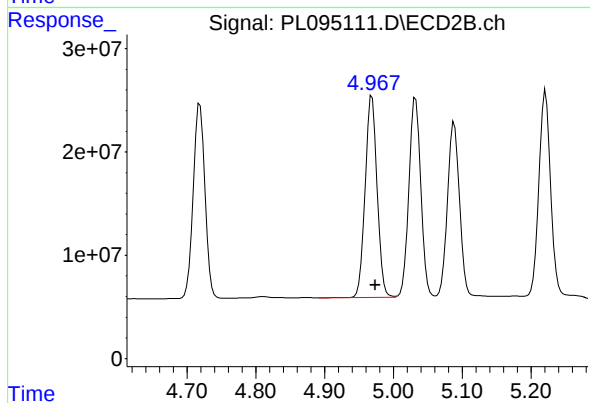
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: -0.006 min
Response: 205592648
Conc: 46.85 ng/ml



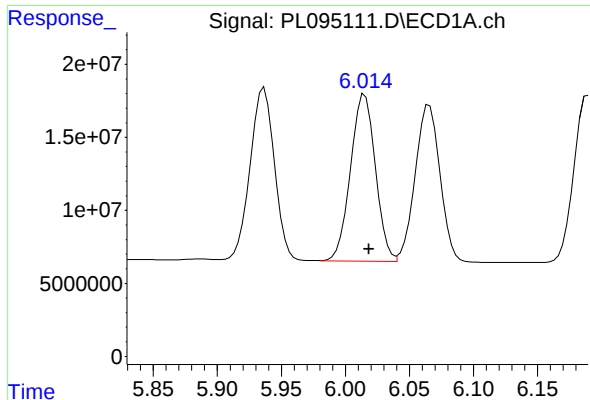
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 157222762
Conc: 46.66 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 235037857
Conc: 48.68 ng/ml



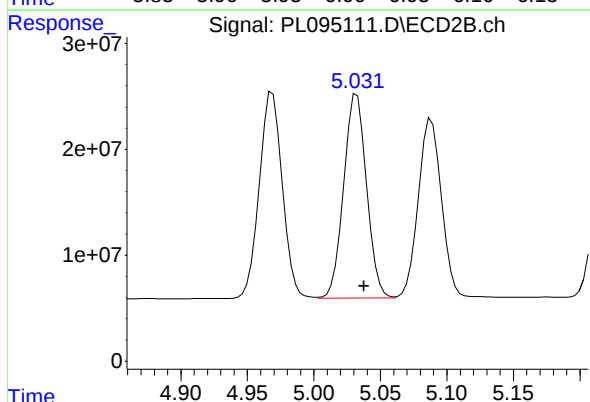
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 154944597
Conc: 47.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

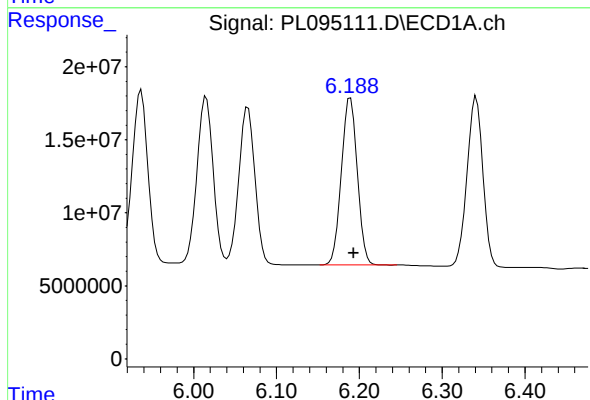
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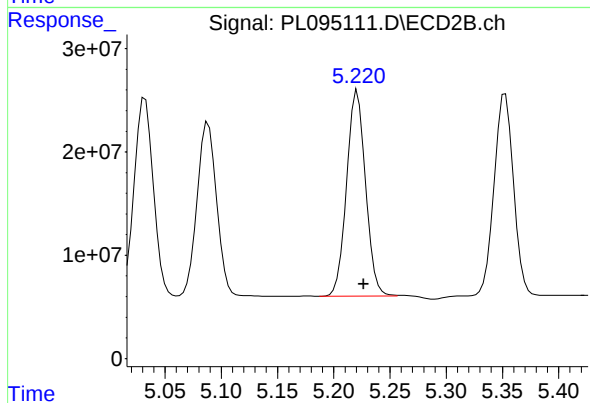
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.005 min
Response: 230712261
Conc: 48.34 ng/ml



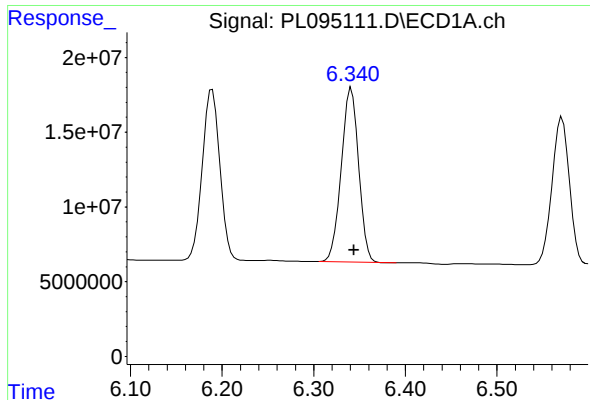
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 152883028
Conc: 51.96 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: -0.007 min
Response: 233666306
Conc: 50.27 ng/ml m



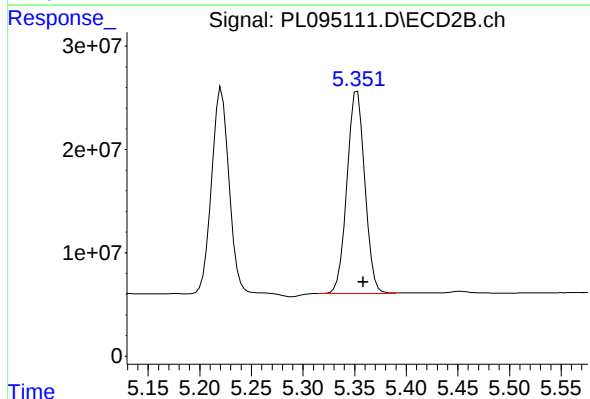
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 153753388
Conc: 48.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

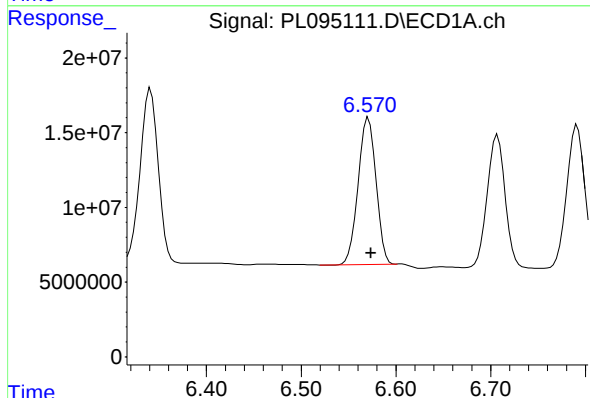
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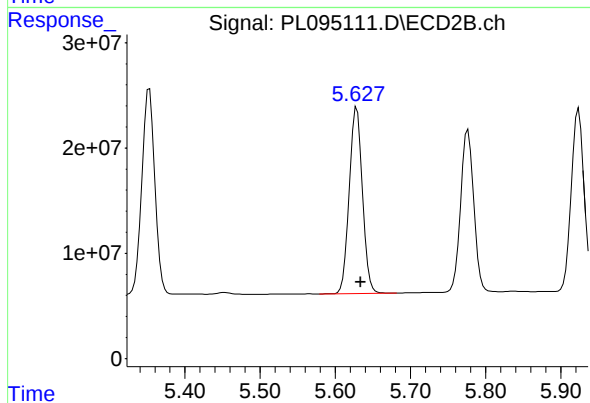
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: -0.007 min
Response: 236218116
Conc: 48.69 ng/ml



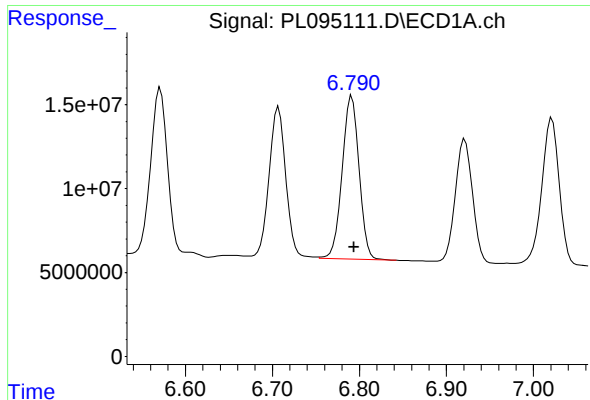
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 128930658
Conc: 46.51 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.005 min
Response: 215544608
Conc: 49.40 ng/ml



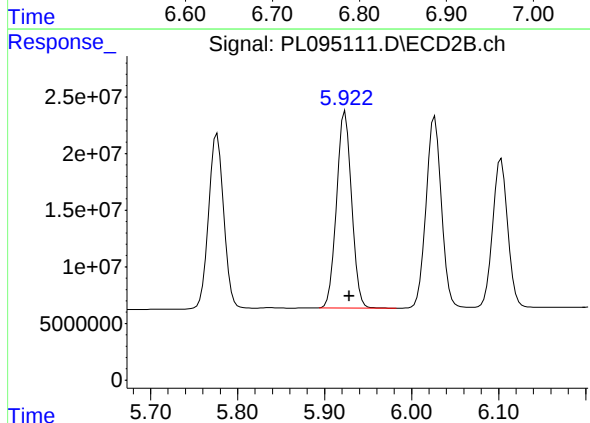
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.002 min
Response: 131798775
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

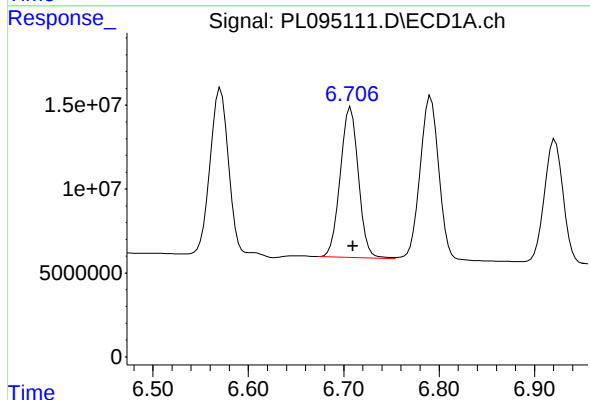
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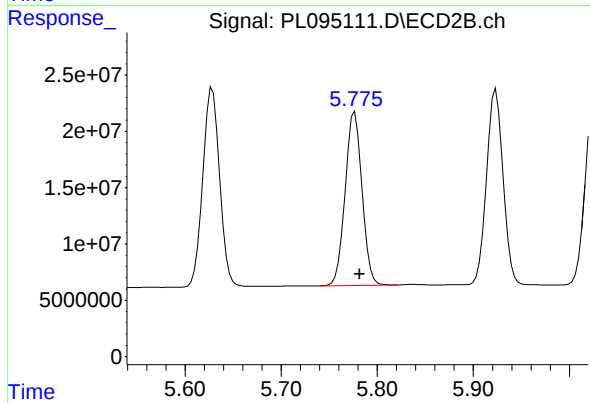
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.005 min
Response: 208432338
Conc: 48.16 ng/ml



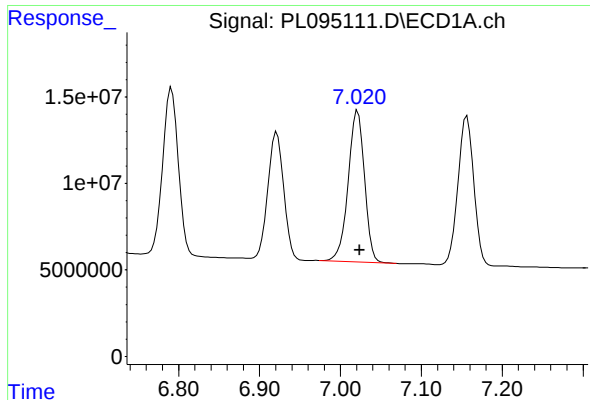
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 118387591
Conc: 54.66 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.005 min
Response: 187152856
Conc: 52.05 ng/ml



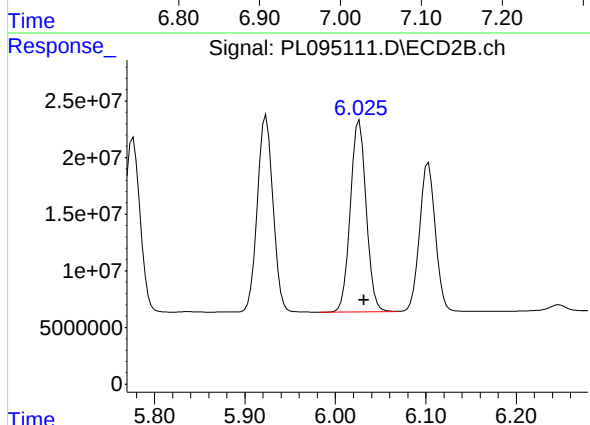
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 122318603
Conc: 51.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

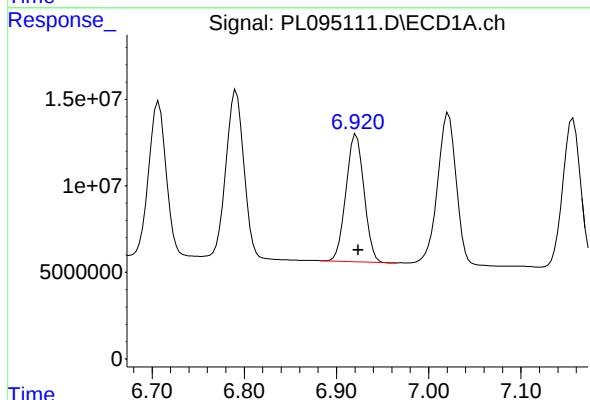
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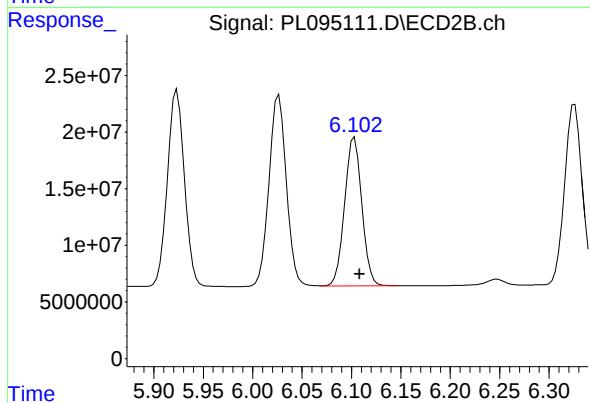
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.005 min
Response: 206897192
Conc: 51.31 ng/ml



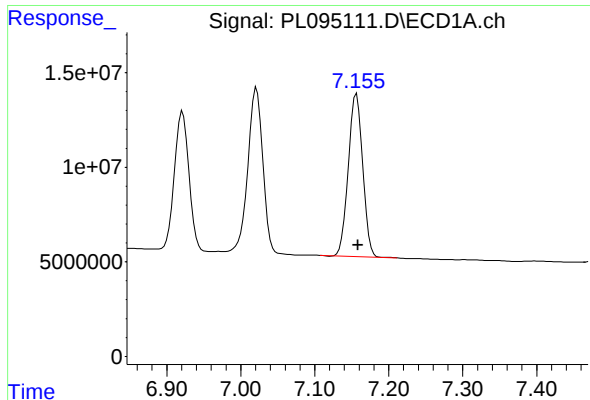
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 99583075
Conc: 47.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 159118631
Conc: 47.28 ng/ml



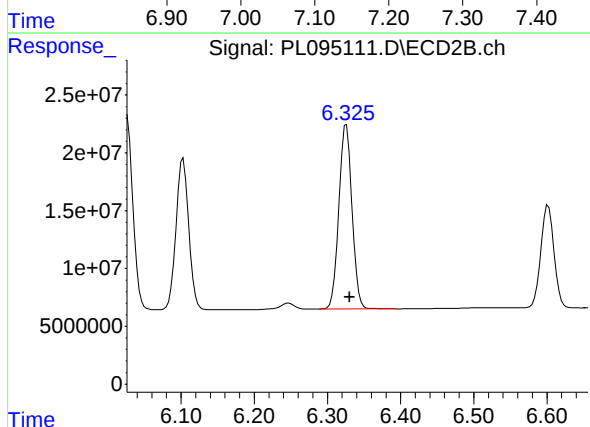
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 116242472
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

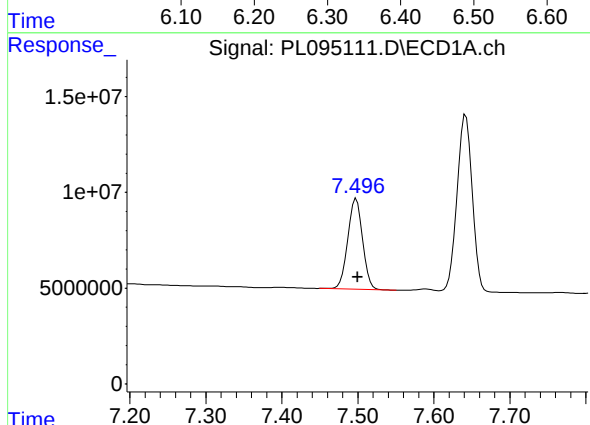
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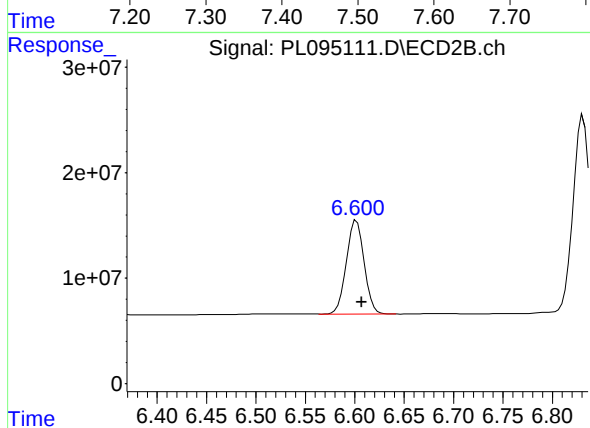
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 199319858
Conc: 48.93 ng/ml



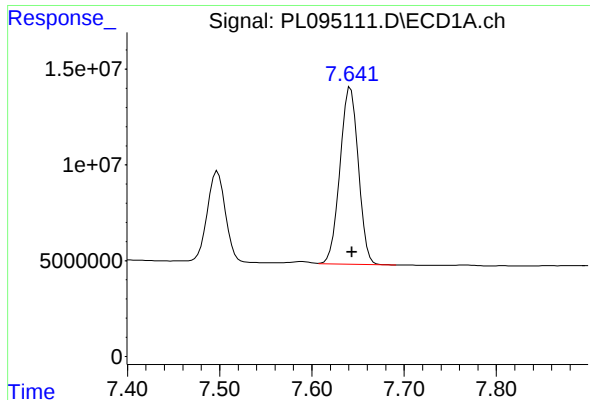
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 64388294
Conc: 53.79 ng/ml



#20 Methoxychlor

R.T.: 6.600 min
Delta R.T.: -0.007 min
Response: 111583541
Conc: 52.61 ng/ml m



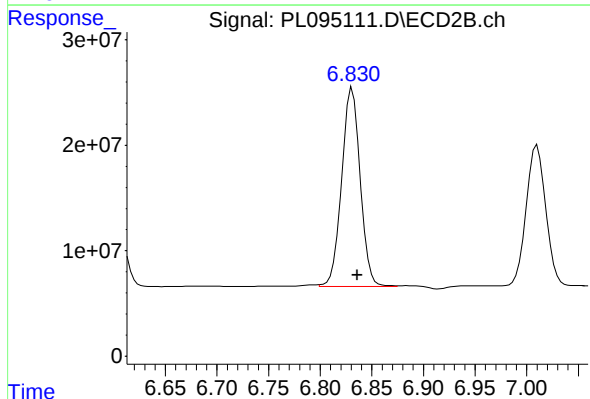
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 127409859
Conc: 48.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

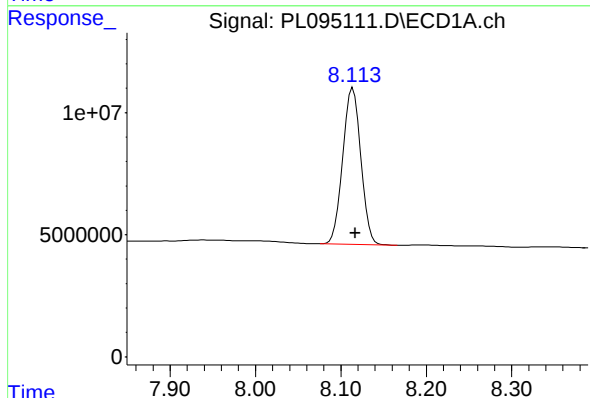
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/09/2025
Supervised By :mohammad ahmed 04/10/2025



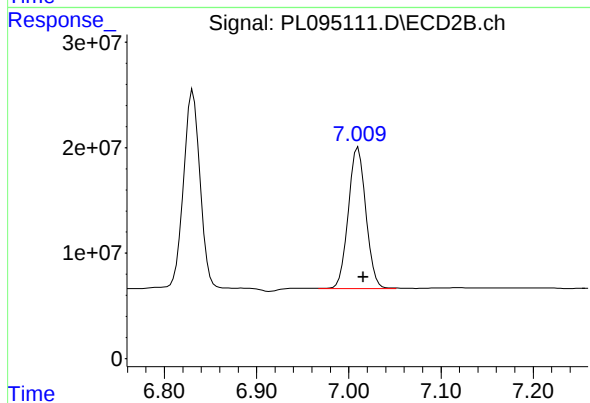
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 235528861
Conc: 49.35 ng/ml m



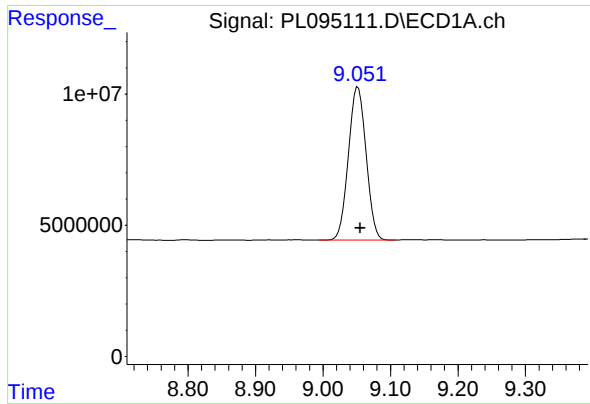
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 94272203
Conc: 45.62 ng/ml



#22 Mirex

R.T.: 7.009 min
Delta R.T.: -0.007 min
Response: 177715715
Conc: 46.83 ng/ml m



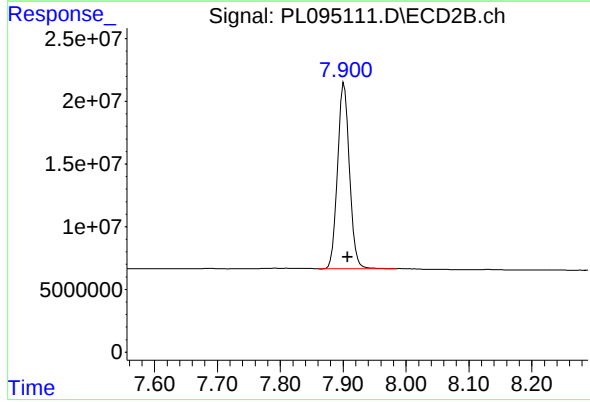
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.004 min
Response: 106643668
Conc: 50.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/09/2025
Supervised By :mohammad ahmed 04/10/2025



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.005 min
Response: 195160310
Conc: 48.31 ng/ml