

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091825\
 Data File : PL097243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2025 16:55
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/18/2025
 Supervised By : mohammad ahmed 09/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 02:00:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.528	2.824	198.7E6	274.3E6	50.392	48.661
28)	SA Decachlor...	8.999	7.984	142.7E6	242.0E6	48.200	50.465
Target Compounds							
2)	A alpha-BHC	3.975	3.329	308.6E6	418.2E6	53.259	50.927
3)	MA gamma-BHC...	4.302	3.661	289.2E6	389.9E6	52.947	52.932
4)	MA Heptachlor	4.893	4.009	283.7E6	377.8E6	53.210	50.208
5)	MB Aldrin	5.232	4.290	273.7E6	359.1E6	52.107	51.058
6)	B beta-BHC	4.489	3.957	118.8E6	166.9E6	51.956	51.174
7)	B delta-BHC	4.735	4.189	267.8E6	384.0E6	59.511	52.259
8)	B Heptachlo...	5.652	4.792	248.8E6	325.7E6	48.343	51.492
9)	A Endosulfan I	6.034	5.163	220.3E6	302.5E6	51.279	50.493
10)	B gamma-Chl...	5.904	5.044	244.0E6	338.4E6	52.975m	51.189
11)	B alpha-Chl...	5.986	5.108	240.1E6	332.6E6	51.028	50.942
12)	B 4,4'-DDE	6.156	5.297	201.6E6	315.7E6	50.534	51.302
13)	MA Dieldrin	6.305	5.428	233.9E6	335.3E6	51.501	51.160
14)	MA Endrin	6.532	5.702	183.7E6	291.4E6	49.051	49.329
15)	B Endosulfa...	6.746	5.994	204.4E6	290.0E6	46.410	50.703
16)	A 4,4'-DDD	6.665	5.849	163.5E6	272.3E6	51.819	52.144
17)	MA 4,4'-DDT	6.979	6.102	171.0E6	269.7E6	48.825	49.231
18)	B Endrin al...	6.874	6.172	134.8E6	213.6E6	51.821	51.513
19)	B Endosulfa...	7.107	6.396	175.9E6	281.0E6	51.228	50.151
20)	A Methoxychlor	7.451	6.674	83705436	145.5E6	48.231	48.516
21)	B Endrin ke...	7.587	6.900	187.3E6	319.9E6	52.682	51.107
22)	Mirex	8.064	7.089	149.5E6	246.2E6	49.985	50.694

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091825\
Data File : PL097243.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Sep 2025 16:55
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

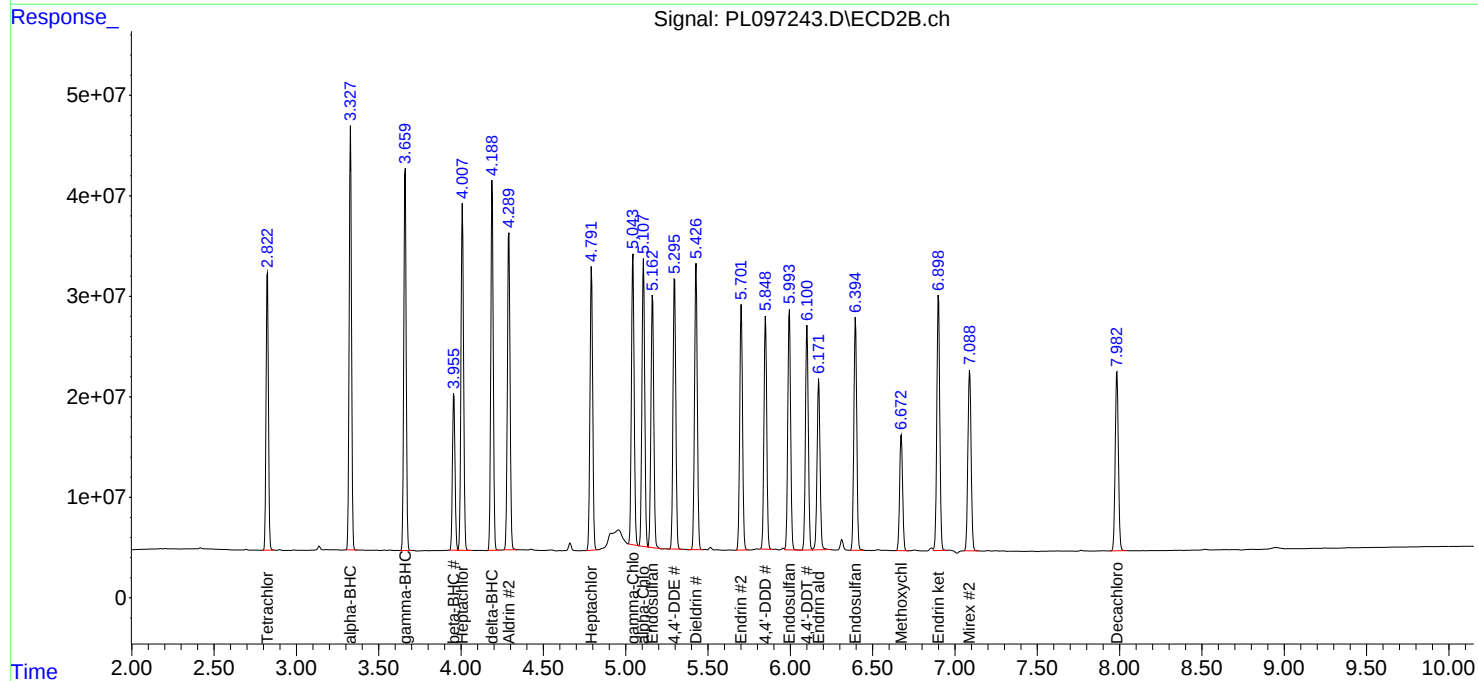
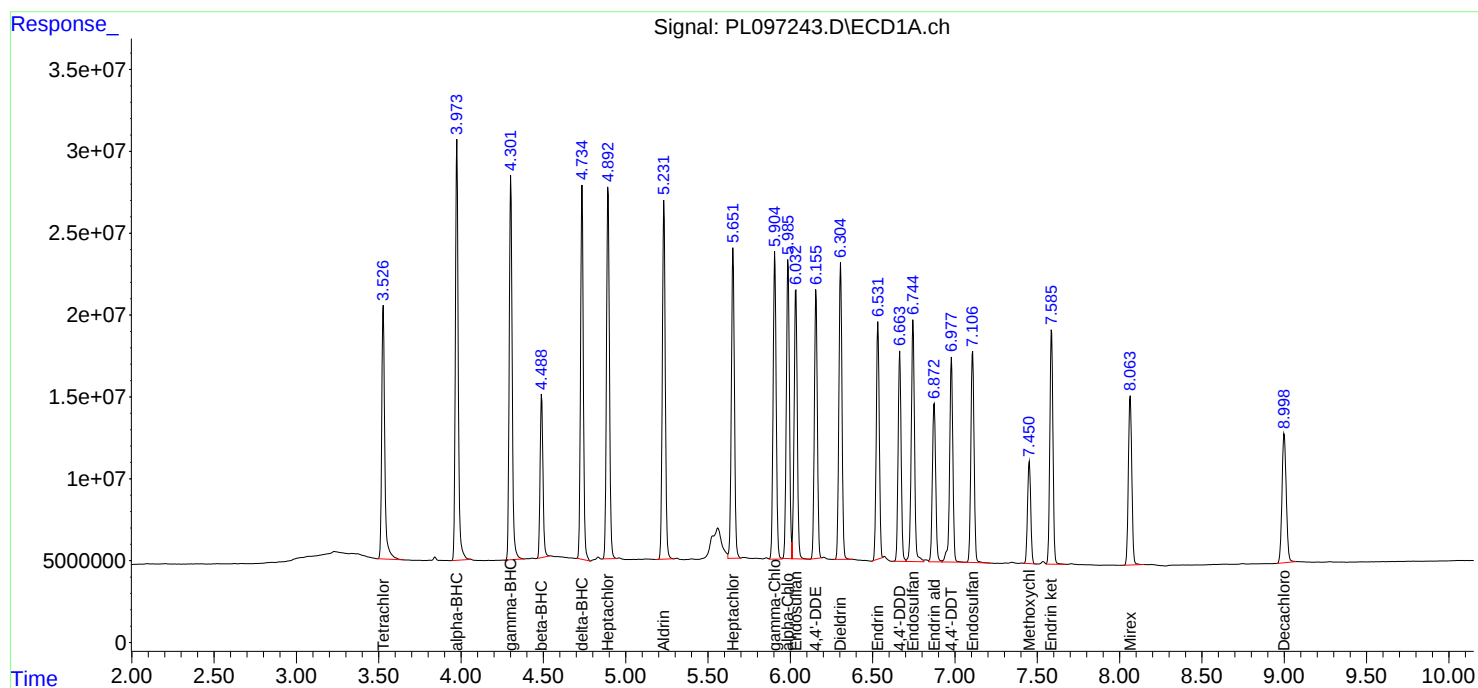
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

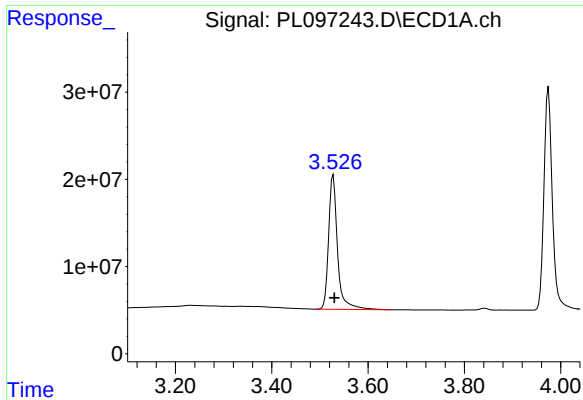
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 18 02:00:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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.: 3.528 min
Delta R.T.: -0.002 min
Response: 198737833
Conc: 50.39 ng/ml

Instrument :

ECD_L

ClientSampleId :

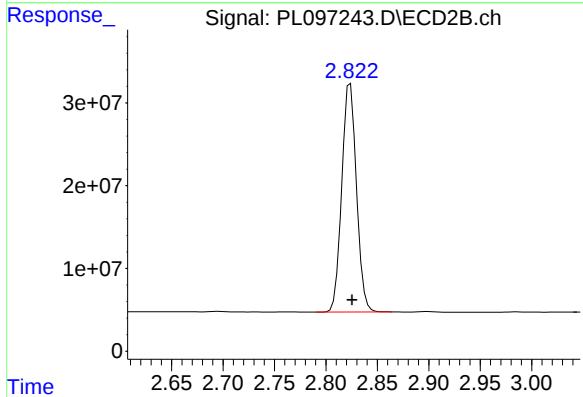
PSTDCCC050

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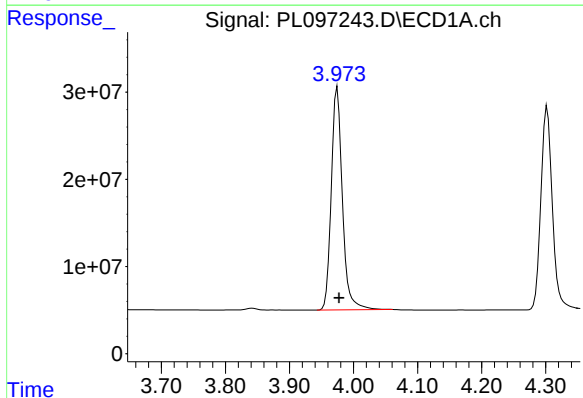
Reviewed By :Abdul Mirza 09/18/2025

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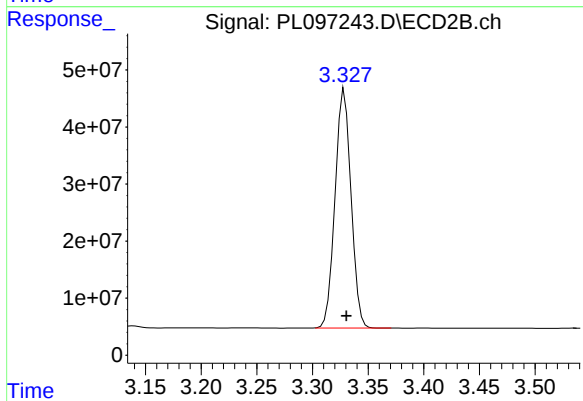
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.002 min
Response: 274284955
Conc: 48.66 ng/ml



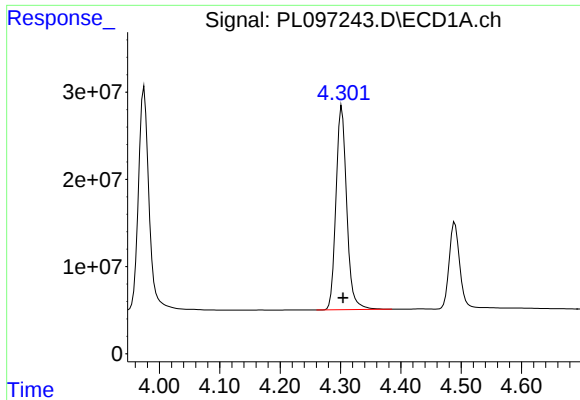
#2 alpha-BHC

R.T.: 3.975 min
Delta R.T.: -0.002 min
Response: 308581987
Conc: 53.26 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: -0.002 min
Response: 418176450
Conc: 50.93 ng/ml



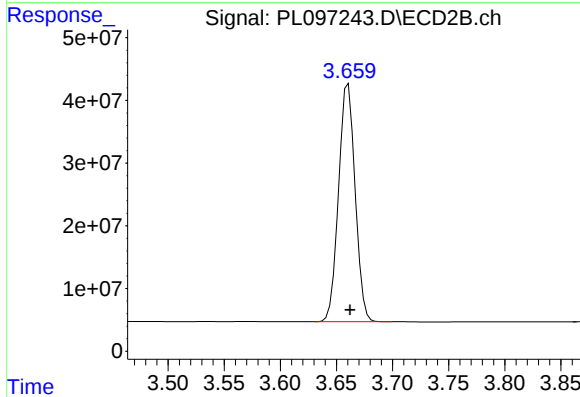
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 289187180
Conc: 52.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

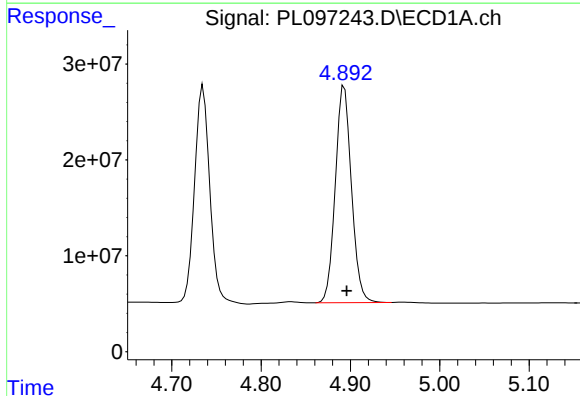
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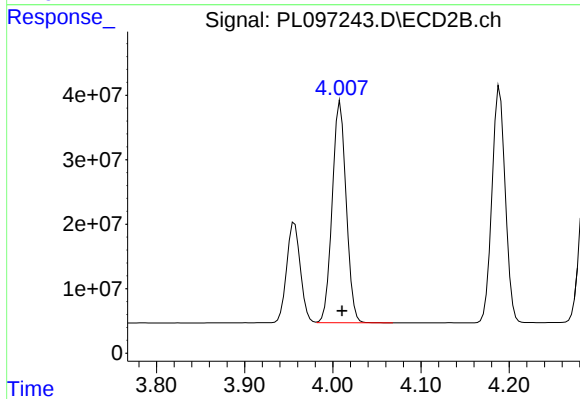
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: -0.002 min
Response: 389923747
Conc: 52.93 ng/ml



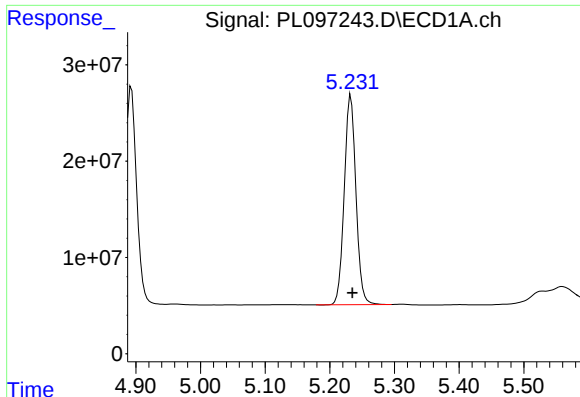
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 283731838
Conc: 53.21 ng/ml



#4 Heptachlor

R.T.: 4.009 min
Delta R.T.: -0.002 min
Response: 377778566
Conc: 50.21 ng/ml



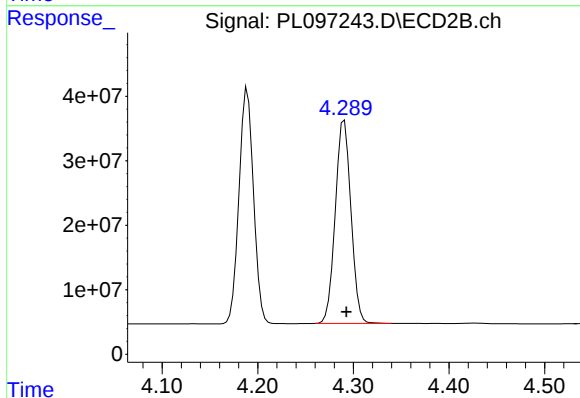
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 273743109
Conc: 52.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

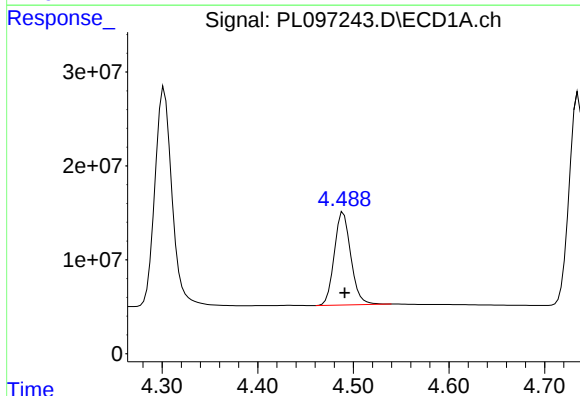
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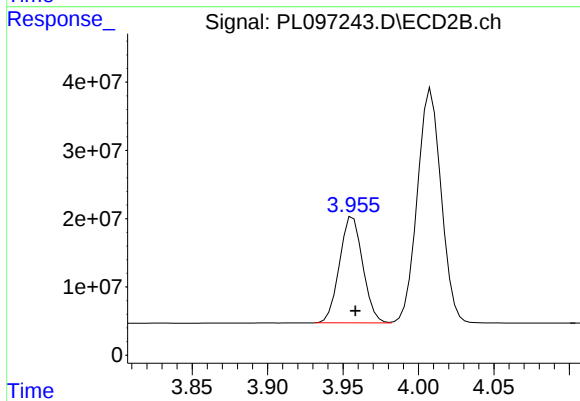
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: -0.002 min
Response: 359082219
Conc: 51.06 ng/ml



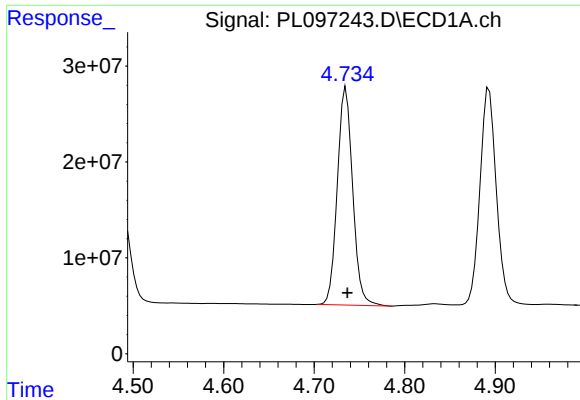
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 118826532
Conc: 51.96 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.002 min
Response: 166944925
Conc: 51.17 ng/ml



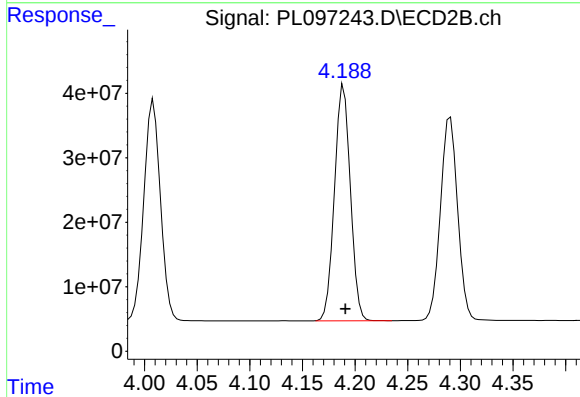
#7 delta-BHC

R.T.: 4.735 min
Delta R.T.: -0.002 min
Response: 267795051
Conc: 59.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

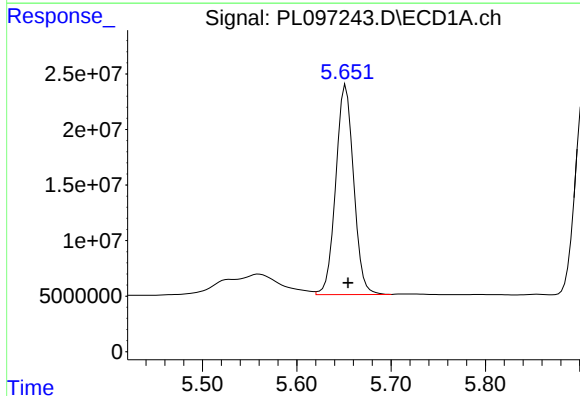
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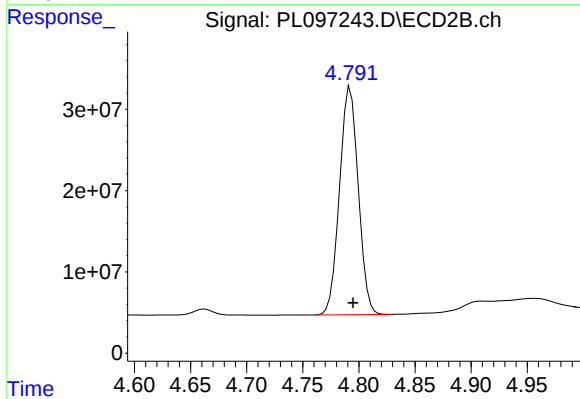
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: -0.002 min
Response: 384044157
Conc: 52.26 ng/ml



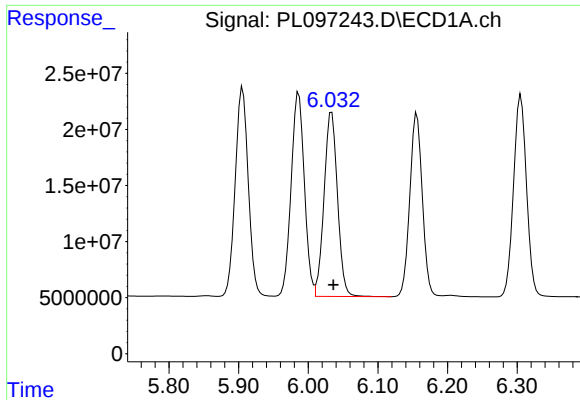
#8 Heptachlor epoxide

R.T.: 5.652 min
Delta R.T.: -0.002 min
Response: 248762744
Conc: 48.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: -0.002 min
Response: 325685608
Conc: 51.49 ng/ml



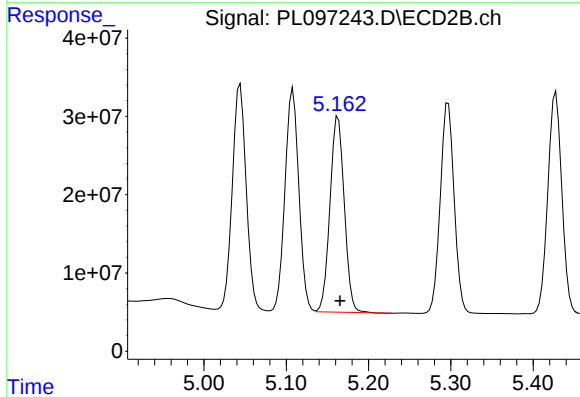
#9 Endosulfan I

R.T.: 6.034 min
Delta R.T.: -0.002 min
Response: 220333179
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

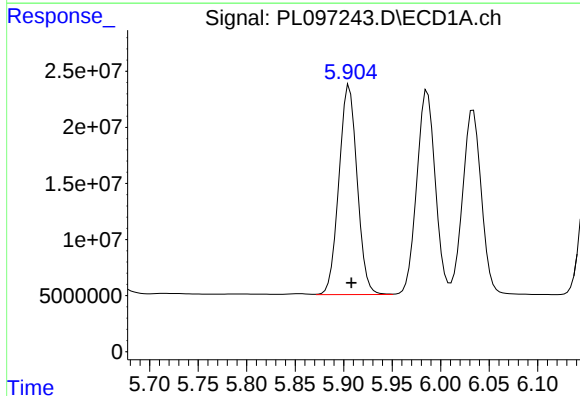
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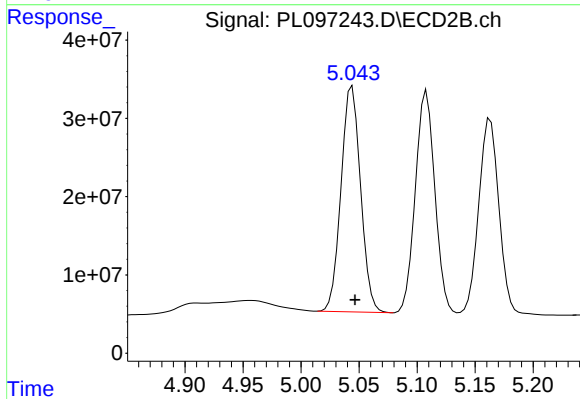
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 302520449
Conc: 50.49 ng/ml



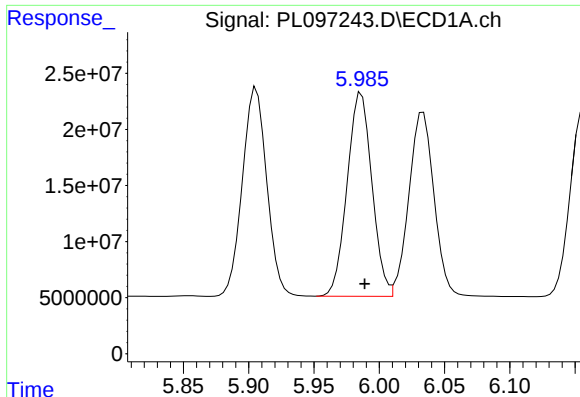
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 243975279
Conc: 52.98 ng/ml m



#10 gamma-Chlordane

R.T.: 5.044 min
Delta R.T.: -0.002 min
Response: 338413506
Conc: 51.19 ng/ml



#11 alpha-Chlordane

R.T.: 5.986 min
Delta R.T.: -0.002 min
Response: 240131242
Conc: 51.03 ng/ml

Instrument :

ECD_L

ClientSampleId :

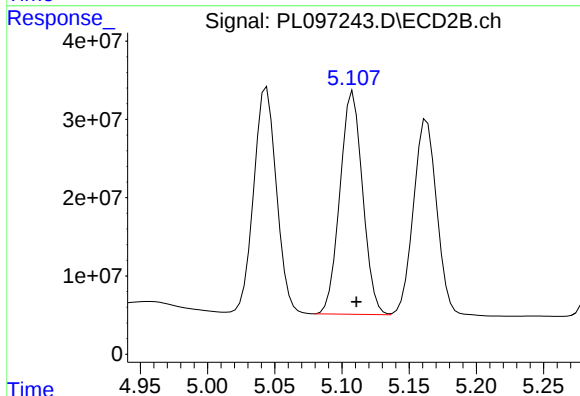
PSTDCCC050

Manual Integrations

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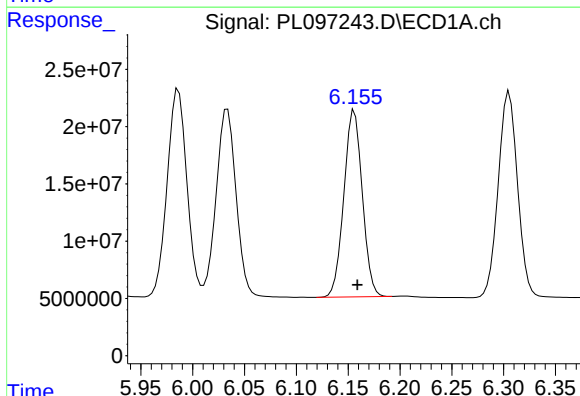
Reviewed By :Abdul Mirza 09/18/2025

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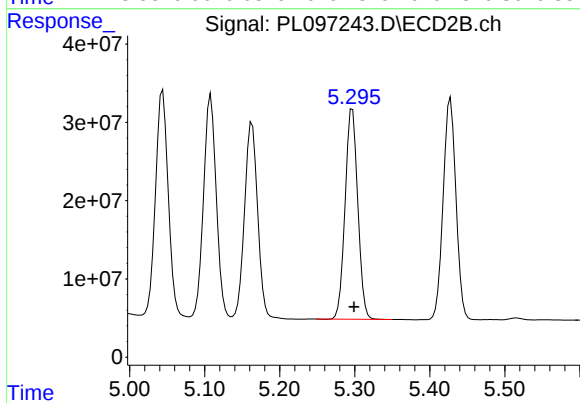
#11 alpha-Chlordane

R.T.: 5.108 min
Delta R.T.: -0.002 min
Response: 332637671
Conc: 50.94 ng/ml



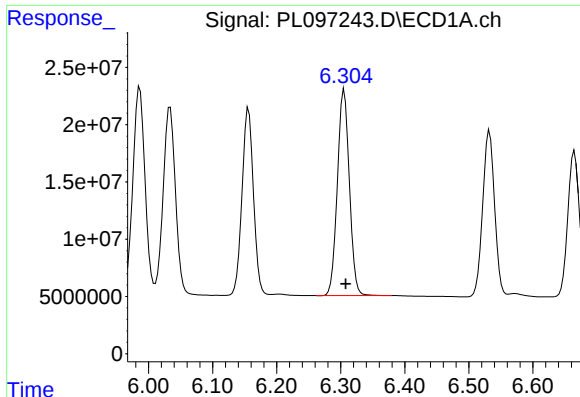
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 201636715
Conc: 50.53 ng/ml



#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: -0.002 min
Response: 315749103
Conc: 51.30 ng/ml



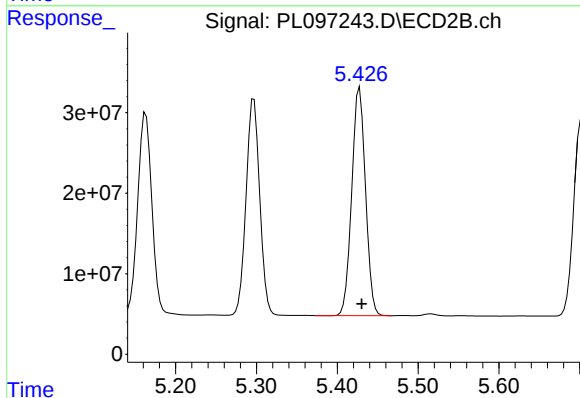
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 233859716
Conc: 51.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

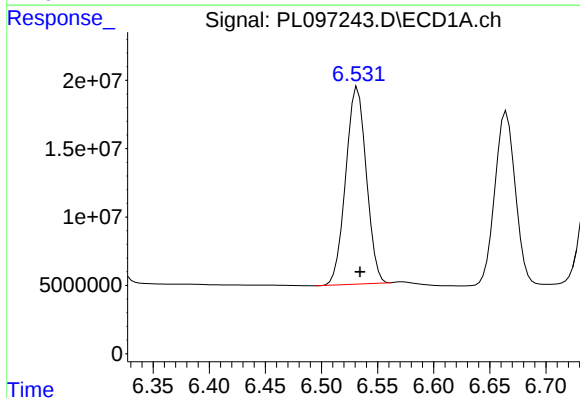
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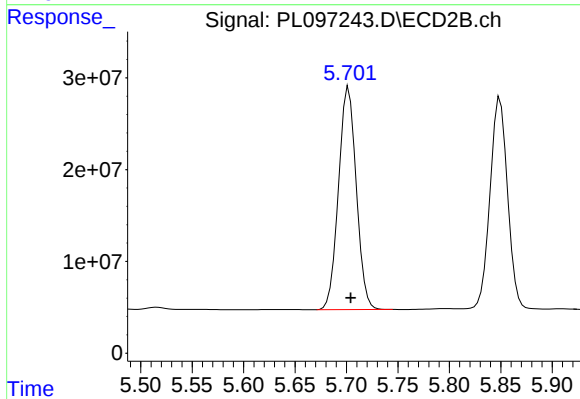
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: -0.002 min
Response: 335252539
Conc: 51.16 ng/ml



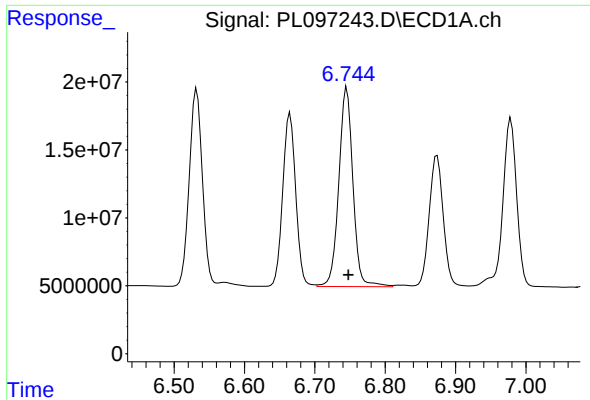
#14 Endrin

R.T.: 6.532 min
Delta R.T.: -0.002 min
Response: 183689638
Conc: 49.05 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 291393234
Conc: 49.33 ng/ml



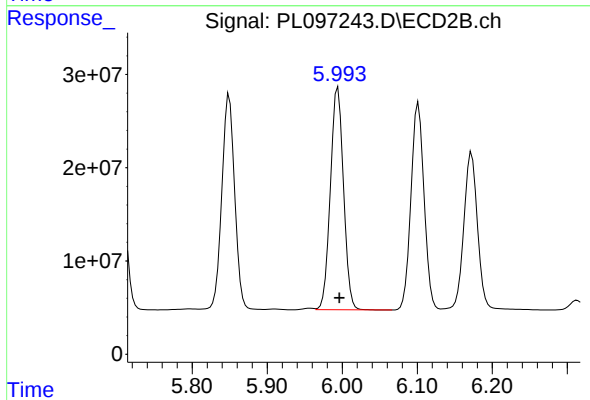
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 204440788
Conc: 46.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

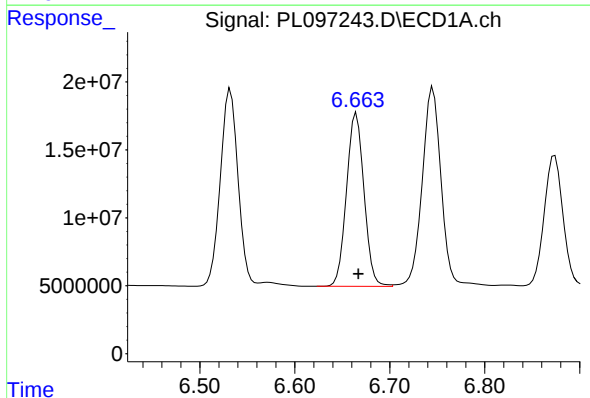
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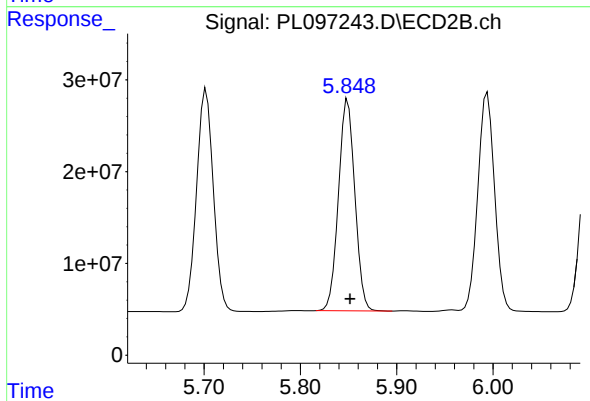
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 289956097
Conc: 50.70 ng/ml



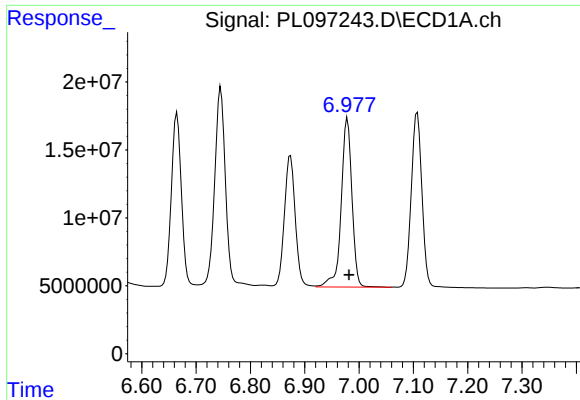
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: -0.002 min
Response: 163530592
Conc: 51.82 ng/ml



#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: -0.002 min
Response: 272312531
Conc: 52.14 ng/ml



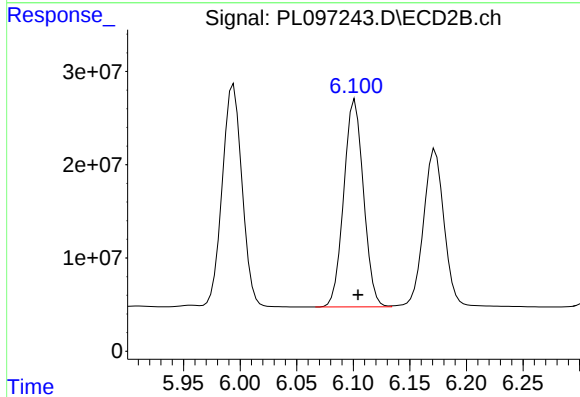
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: -0.003 min
Response: 171005074
Conc: 48.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

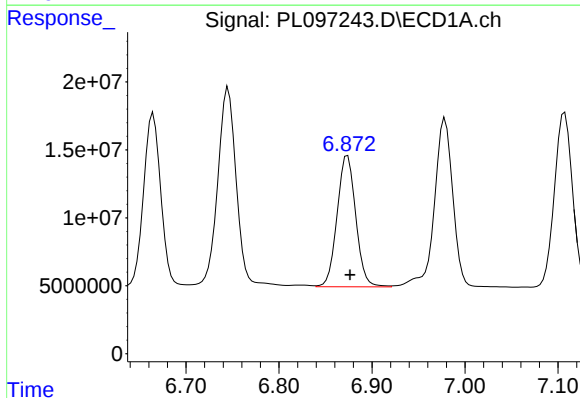
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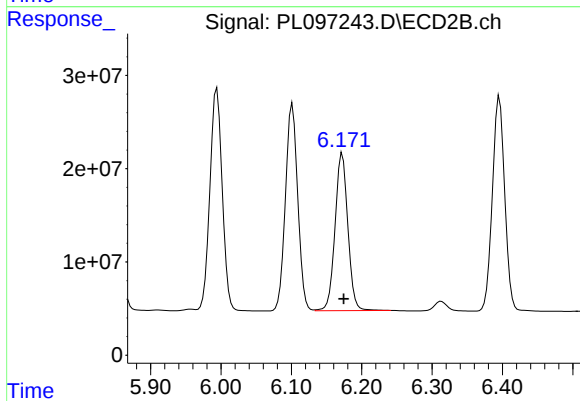
#17 4,4'-DDT

R.T.: 6.102 min
Delta R.T.: -0.003 min
Response: 269652139
Conc: 49.23 ng/ml



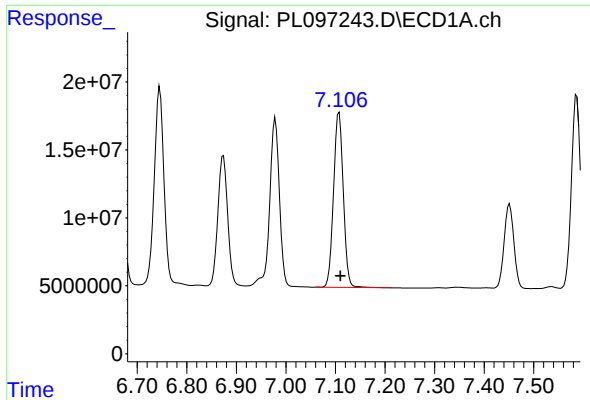
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 134808780
Conc: 51.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 213590384
Conc: 51.51 ng/ml



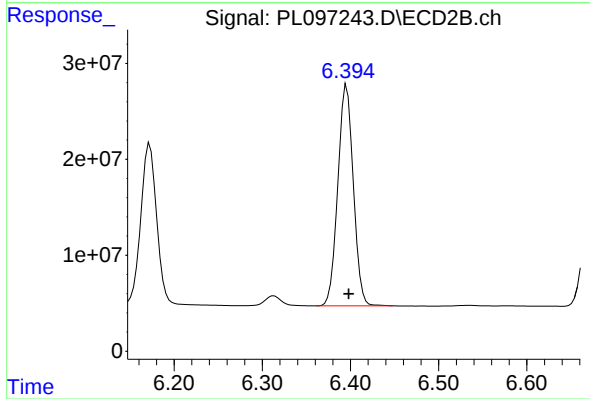
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 175885214
Conc: 51.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

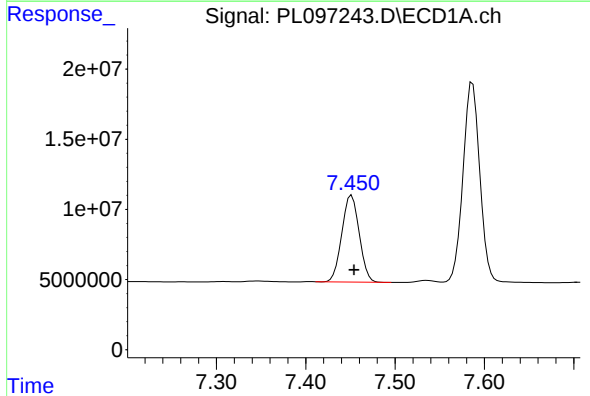
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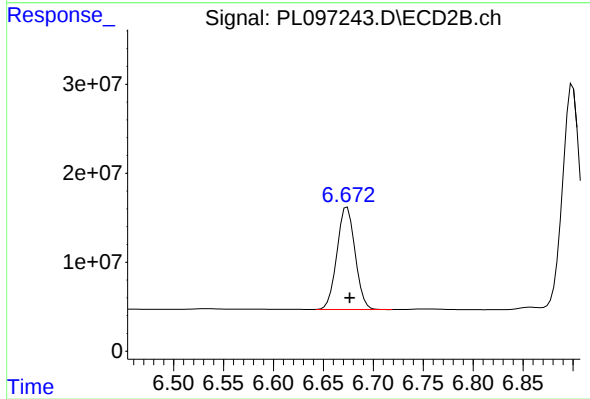
#19 Endosulfan Sulfate

R.T.: 6.396 min
Delta R.T.: -0.002 min
Response: 280991251
Conc: 50.15 ng/ml



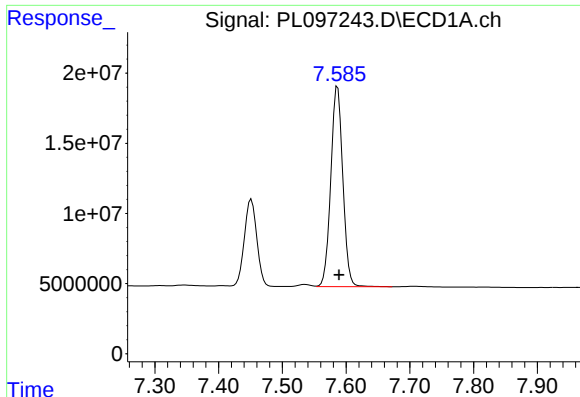
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: -0.003 min
Response: 83705436
Conc: 48.23 ng/ml



#20 Methoxychlor

R.T.: 6.674 min
Delta R.T.: -0.003 min
Response: 145538188
Conc: 48.52 ng/ml



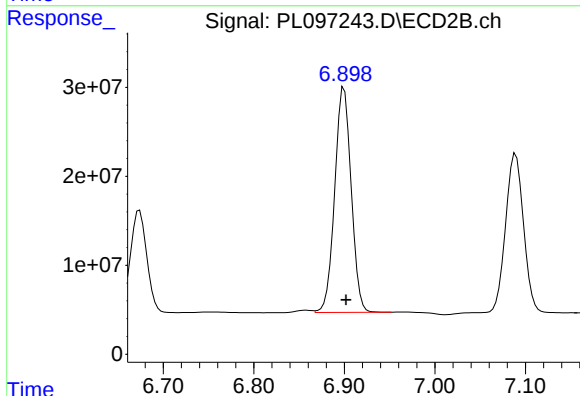
#21 Endrin ketone

R.T.: 7.587 min
Delta R.T.: -0.002 min
Response: 187298965
Conc: 52.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

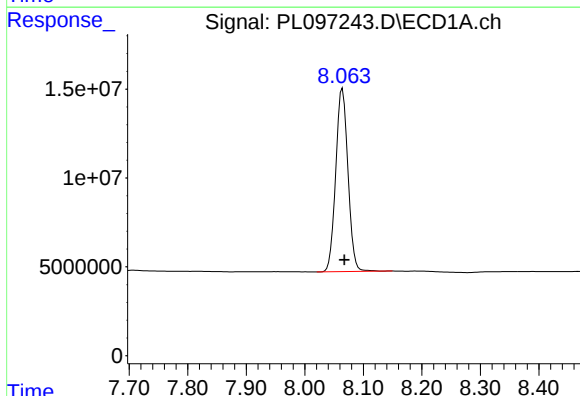
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025



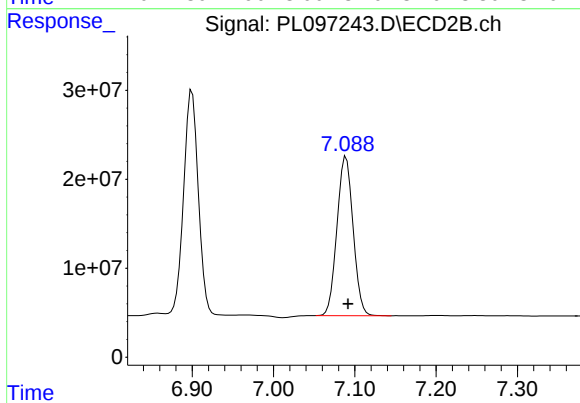
#21 Endrin ketone

R.T.: 6.900 min
Delta R.T.: -0.002 min
Response: 319877217
Conc: 51.11 ng/ml



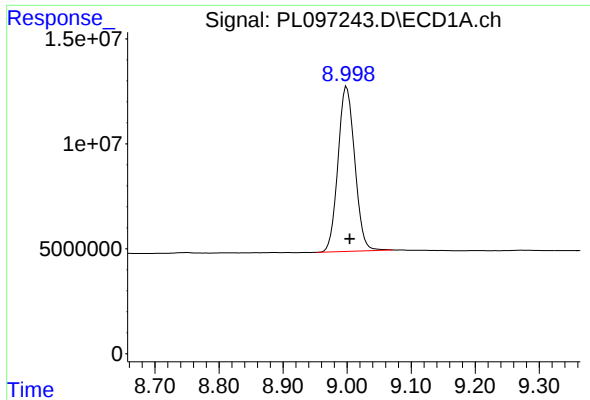
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.003 min
Response: 149548874
Conc: 49.98 ng/ml



#22 Mirex

R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 246199492
Conc: 50.69 ng/ml



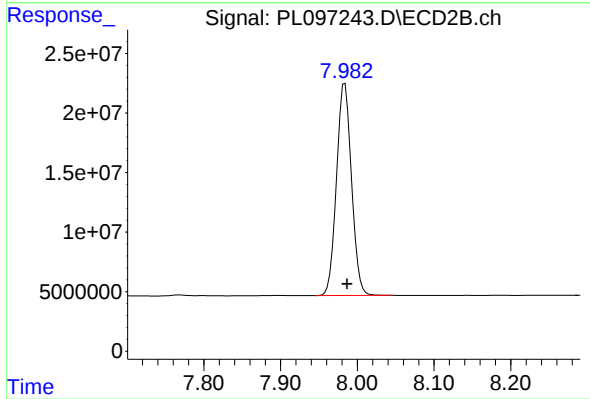
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 142703363
Conc: 48.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: -0.003 min
Response: 242021287
Conc: 50.47 ng/ml