

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092125\
 Data File : PL097313.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2025 18:23
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/22/2025
 Supervised By : mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 01:20:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:40:25 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...	3.527	2.824	248.2E6	347.5E6	54.822	52.841
28)	SA Decachlor...	9.001	7.983	189.9E6	281.0E6	58.046	49.370
Target Compounds							
2)	A alpha-BHC	3.974	3.329	388.0E6	539.8E6	55.530	54.211
3)	MA gamma-BHC...	4.302	3.660	364.3E6	500.4E6	55.093	53.722
4)	MA Heptachlor	4.892	4.008	355.9E6	485.1E6	53.352	52.129
5)	MB Aldrin	5.232	4.290	339.9E6	460.7E6	53.662	53.077
6)	B beta-BHC	4.489	3.957	150.1E6	210.8E6	55.046	51.898
7)	B delta-BHC	4.733	4.189	347.7E6	493.5E6	57.304m	53.684
8)	B Heptachlo...	5.651	4.792	307.2E6	414.4E6	53.447	52.248
9)	A Endosulfan I	6.033	5.163	266.9E6	383.5E6	51.503	49.911
10)	B gamma-Chl...	5.905	5.044	298.5E6	453.0E6	52.793	51.866
11)	B alpha-Chl...	5.985	5.108	293.1E6	433.1E6	51.598	52.181
12)	B 4,4'-DDE	6.156	5.296	256.2E6	395.7E6	53.766	51.494
13)	MA Dieldrin	6.305	5.427	283.9E6	426.0E6	51.791	52.102
14)	MA Endrin	6.531	5.702	233.0E6	369.2E6	50.500	49.155
15)	B Endosulfa...	6.745	5.994	248.7E6	345.4E6	50.558	48.588
16)	A 4,4'-DDD	6.665	5.849	209.6E6	327.9E6	55.590	50.842
17)	MA 4,4'-DDT	6.979	6.101	211.2E6	329.4E6	49.954	47.600
18)	B Endrin al...	6.873	6.172	164.8E6	251.7E6	53.452	47.154
19)	B Endosulfa...	7.107	6.395	208.9E6	325.0E6	51.160	47.445
20)	A Methoxychlor	7.452	6.673	101.9E6	167.5E6	48.877	44.424
21)	B Endrin ke...	7.586	6.899	220.3E6	358.7E6	51.906	47.635
22)	Mirex	8.065	7.089	170.1E6	261.9E6	47.923	43.806

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092125\
Data File : PL097313.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 18:23
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

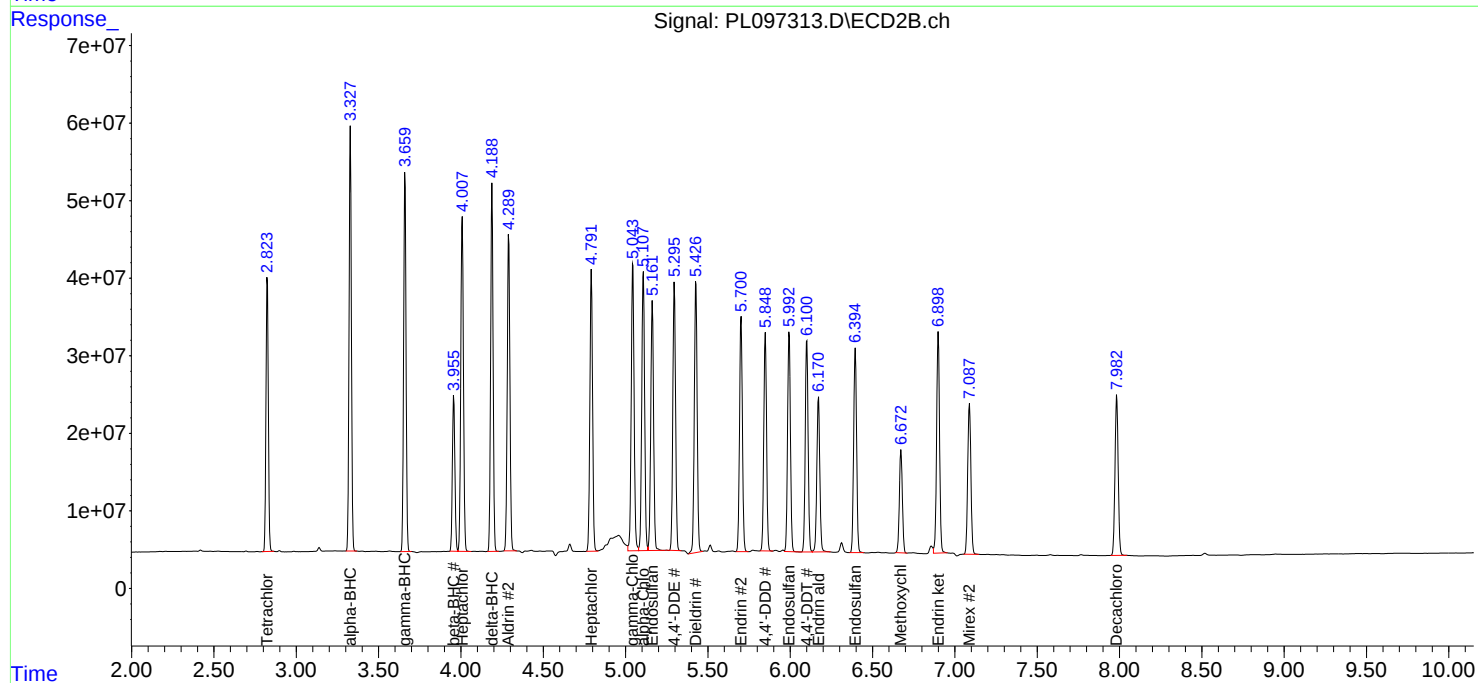
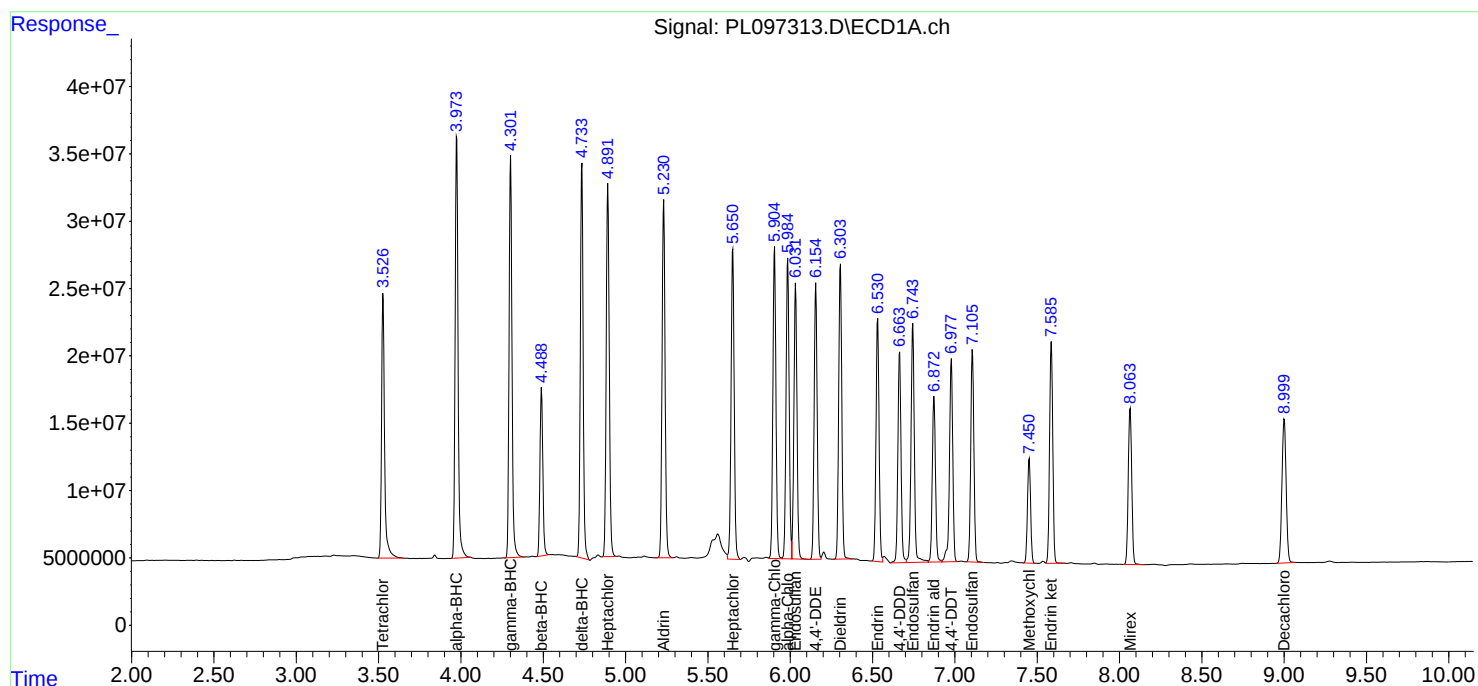
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

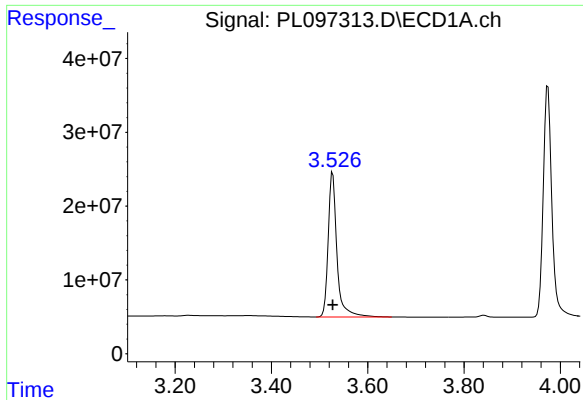
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 20 01:20:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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.: 3.527 min
Delta R.T.: 0.000 min
Response: 248189288
Conc: 54.82 ng/ml

Instrument :

ECD_L

ClientSampleId :

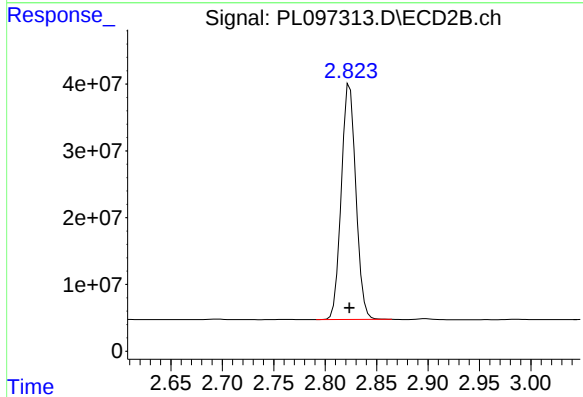
PSTDCCC050

Manual Integrations

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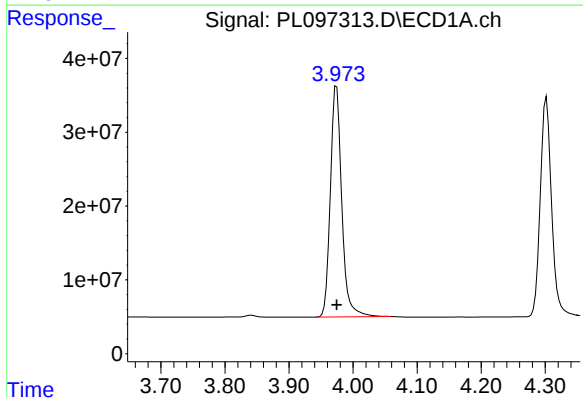
Reviewed By :Abdul Mirza 09/22/2025

Supervised By :mohammad ahmed 09/23/2025



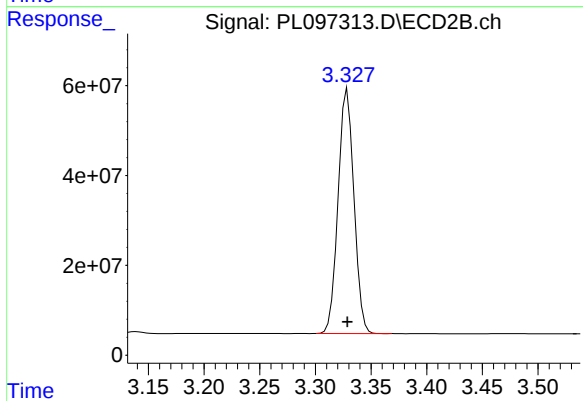
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 347458329
Conc: 52.84 ng/ml



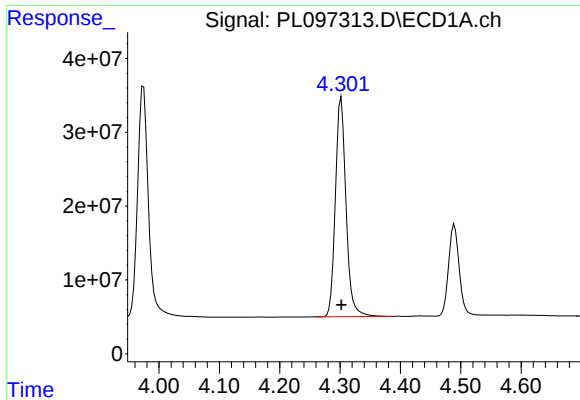
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 388012303
Conc: 55.53 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 539805292
Conc: 54.21 ng/ml



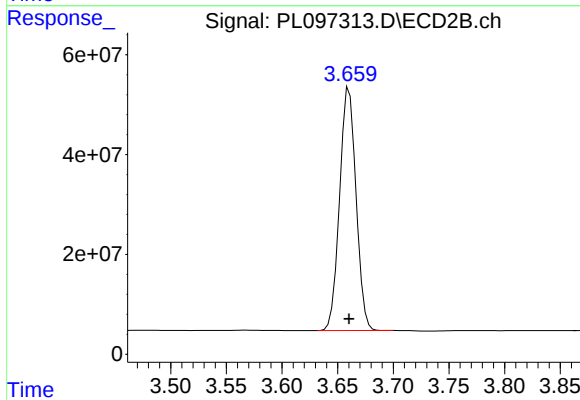
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 364336499
Conc: 55.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

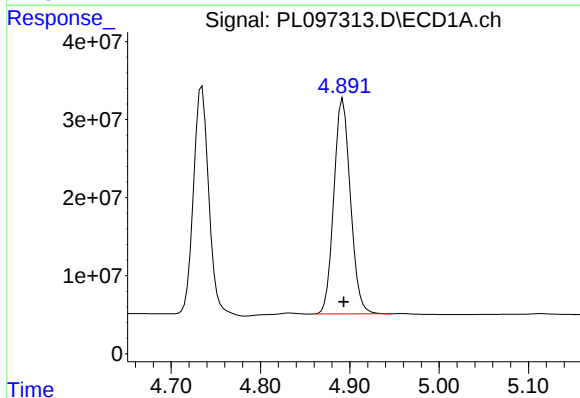
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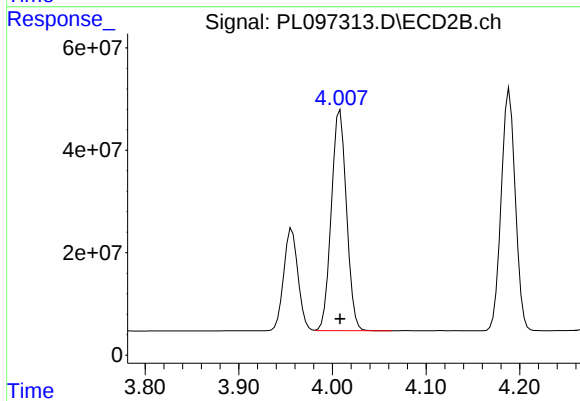
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 500399404
Conc: 53.72 ng/ml



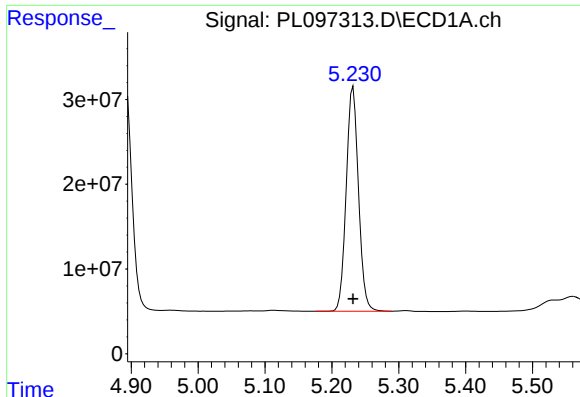
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 355863369
Conc: 53.35 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 485065261
Conc: 52.13 ng/ml



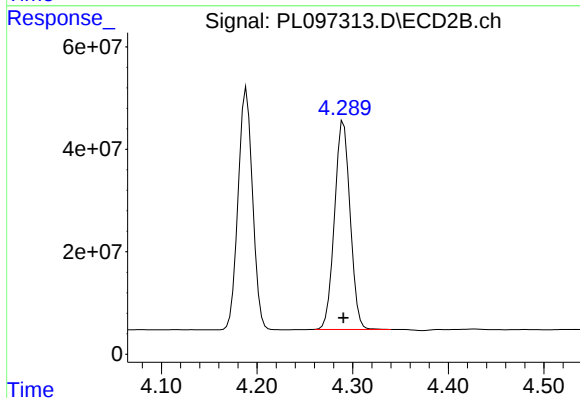
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 339890480
Conc: 53.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

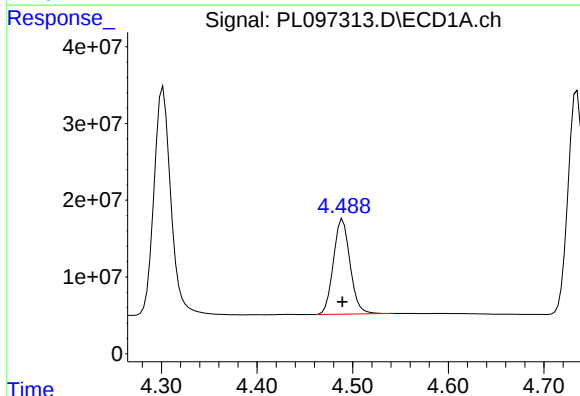
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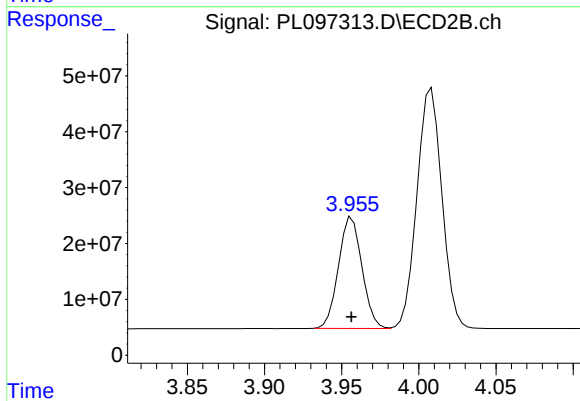
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: 0.000 min
Response: 460670490
Conc: 53.08 ng/ml



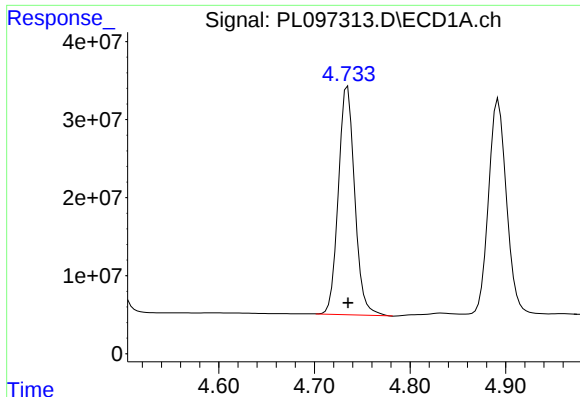
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 150066621
Conc: 55.05 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 210810829
Conc: 51.90 ng/ml



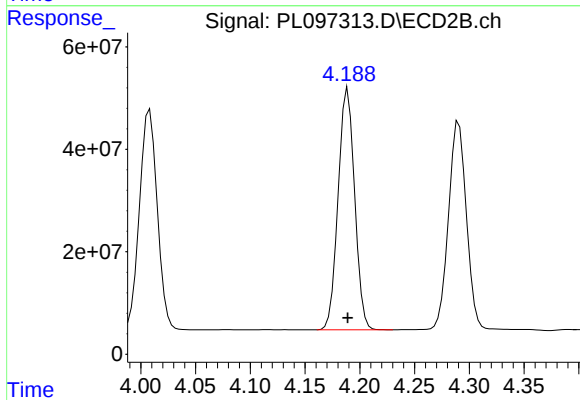
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.002 min
Response: 347737461
Conc: 57.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

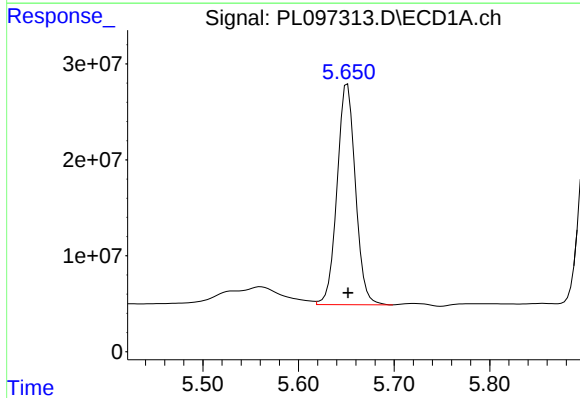
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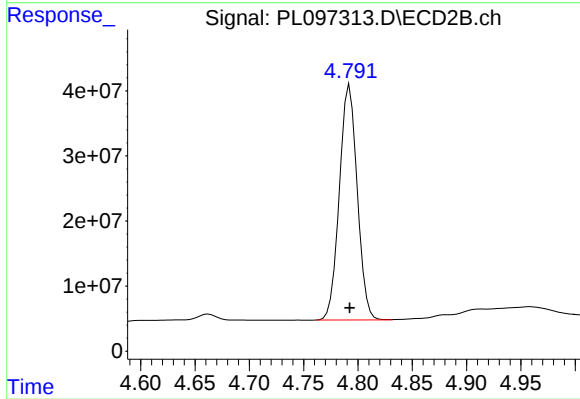
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: 0.000 min
Response: 493477312
Conc: 53.68 ng/ml



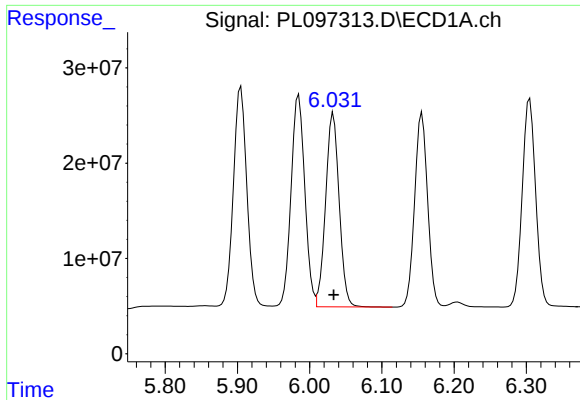
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 307159901
Conc: 53.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 414409677
Conc: 52.25 ng/ml



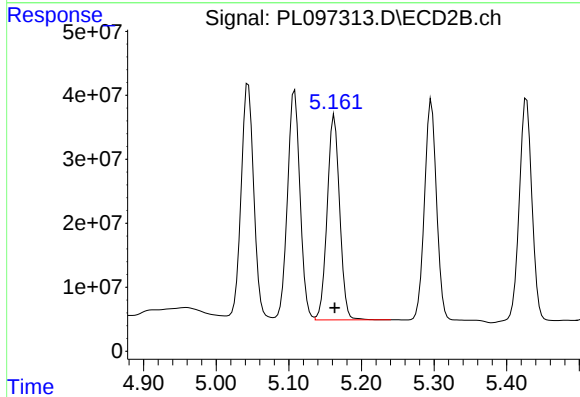
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 266856442
Conc: 51.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

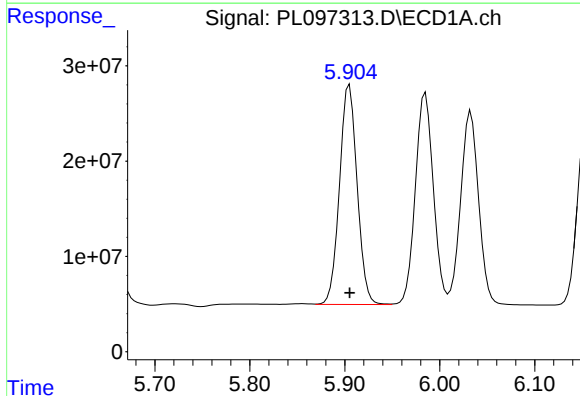
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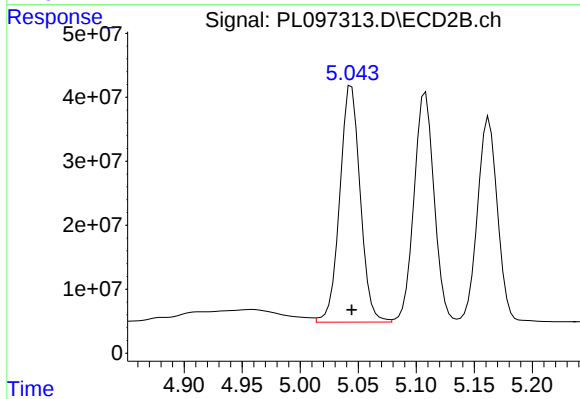
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 383501096
Conc: 49.91 ng/ml



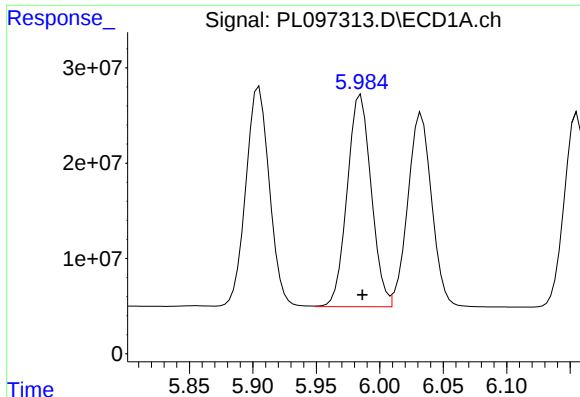
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 298469117
Conc: 52.79 ng/ml



#10 gamma-Chlordane

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 452991089
Conc: 51.87 ng/ml



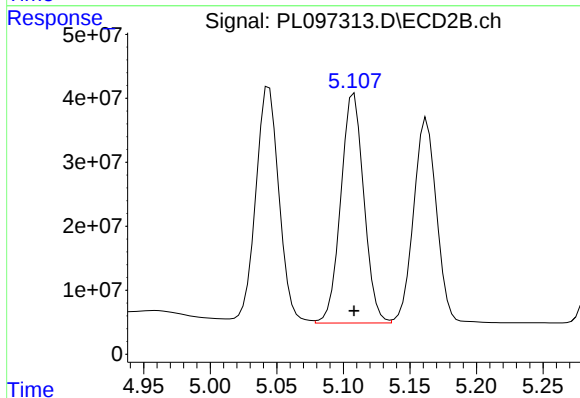
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.001 min
Response: 293069844
Conc: 51.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

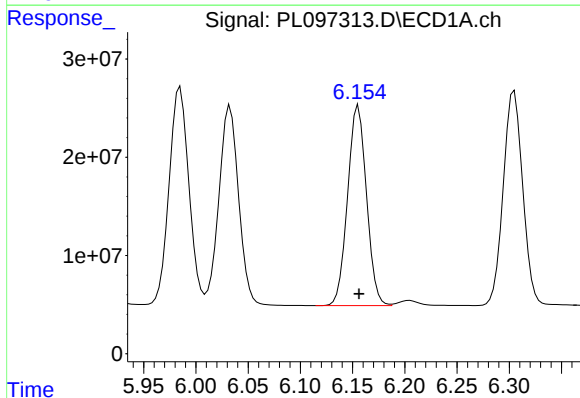
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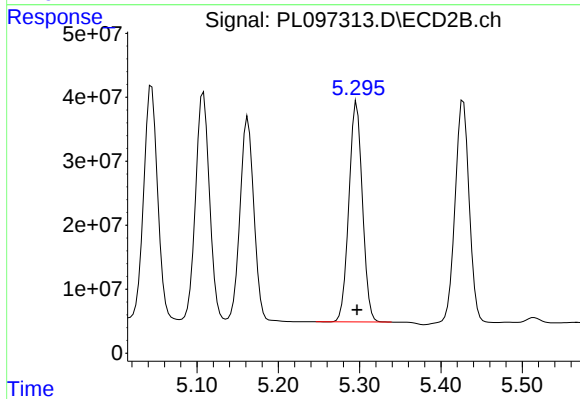
#11 alpha-Chlordane

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 433129498
Conc: 52.18 ng/ml



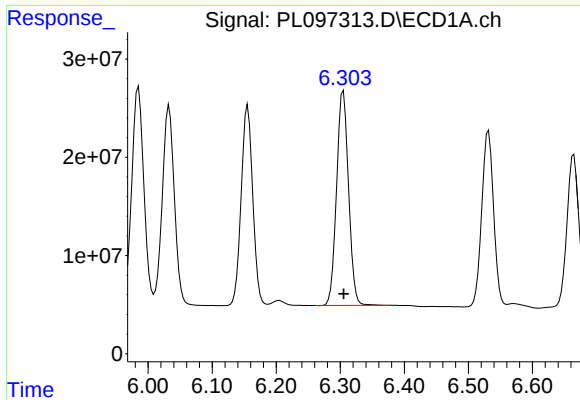
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 256178113
Conc: 53.77 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 395717696
Conc: 51.49 ng/ml



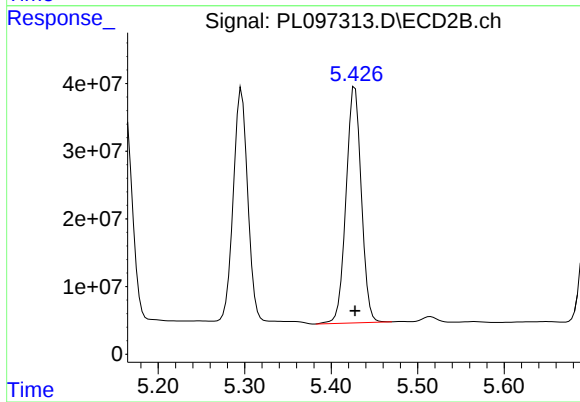
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 283924189
Conc: 51.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

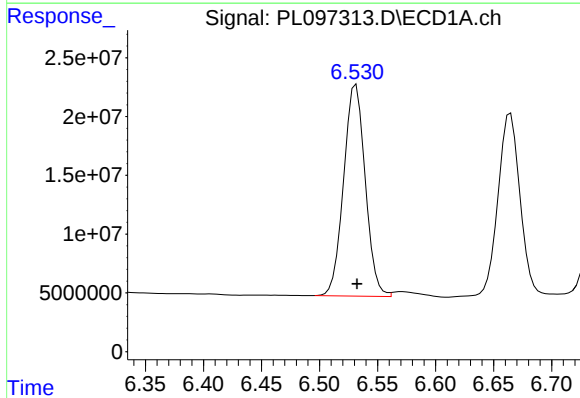
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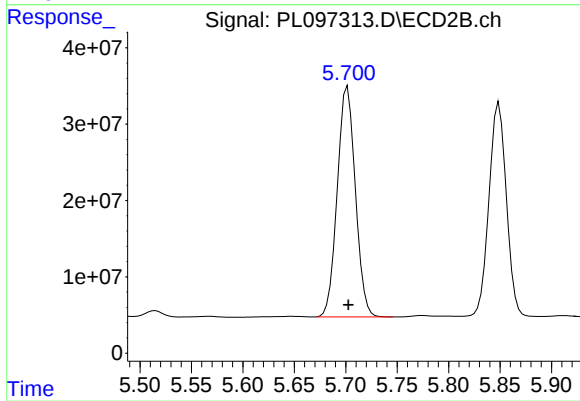
#13 Dieldrin

R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 426023697
Conc: 52.10 ng/ml



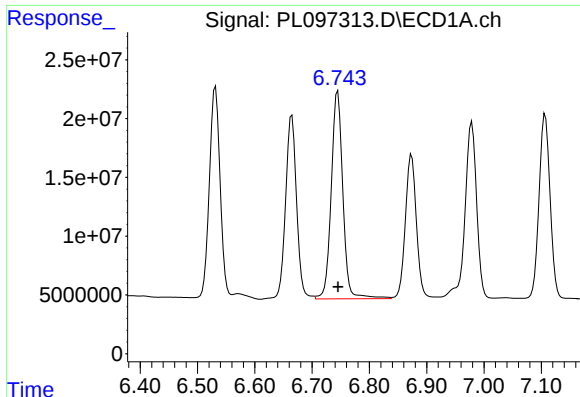
#14 Endrin

R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 232964184
Conc: 50.50 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 369179632
Conc: 49.16 ng/ml



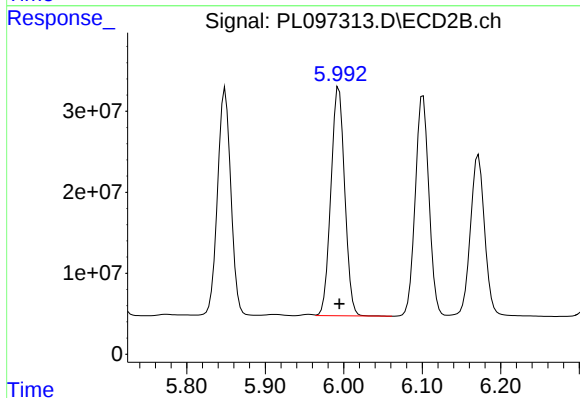
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 248663080
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

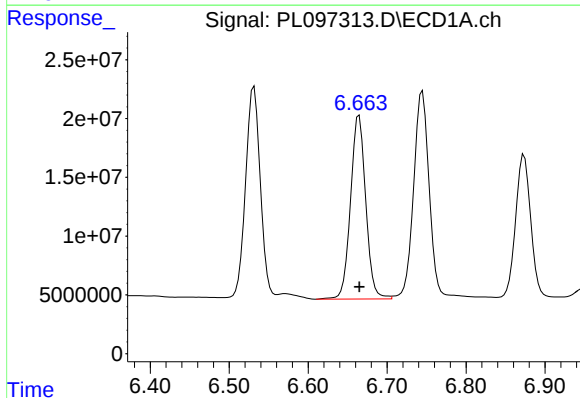
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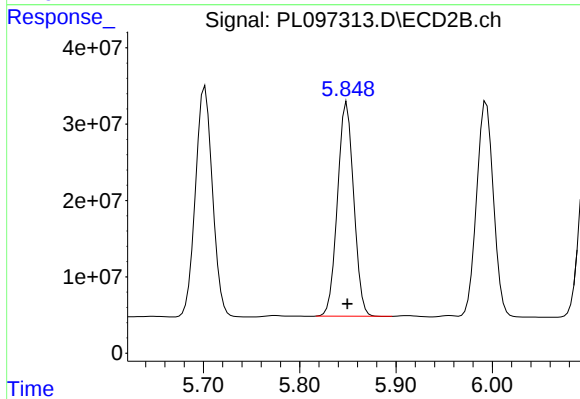
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 345422036
Conc: 48.59 ng/ml



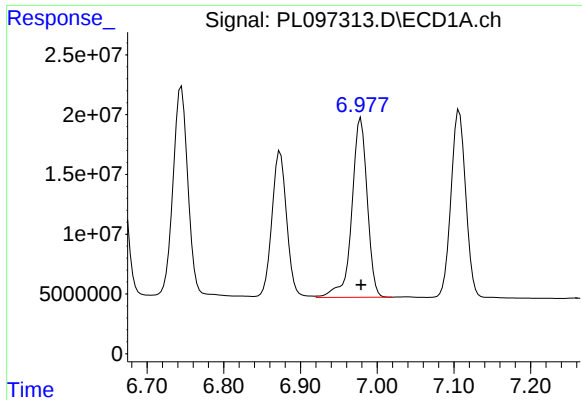
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 209602966
Conc: 55.59 ng/ml



#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 327882607
Conc: 50.84 ng/ml



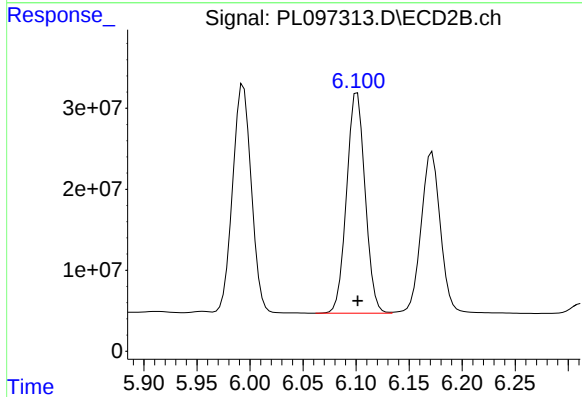
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 211166964
Conc: 49.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

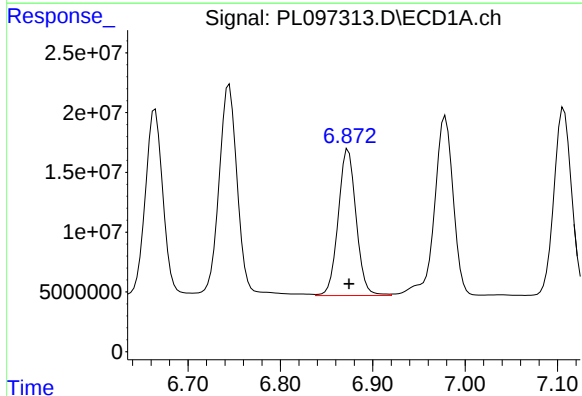
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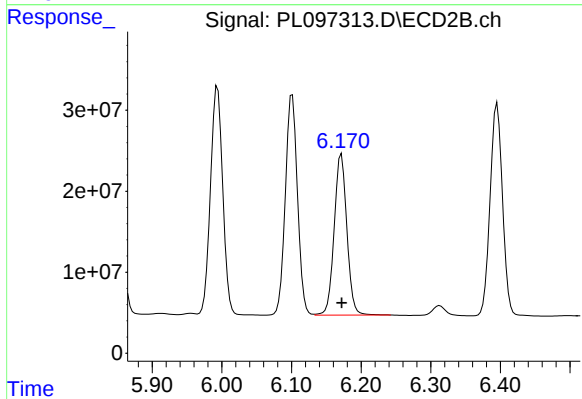
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 329418404
Conc: 47.60 ng/ml



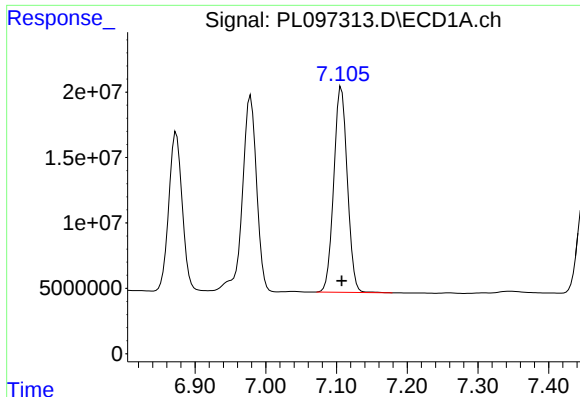
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 164783013
Conc: 53.45 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 251682536
Conc: 47.15 ng/ml



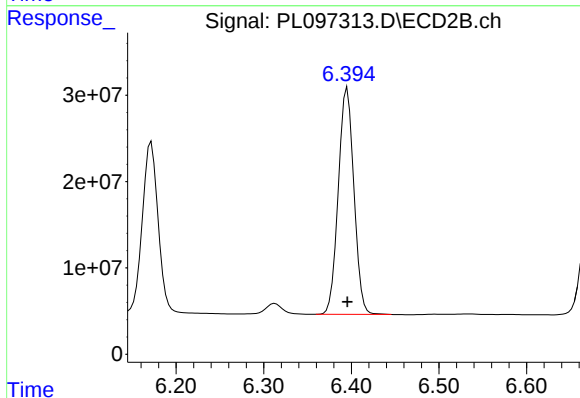
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: 0.000 min
Response: 208870260
Conc: 51.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

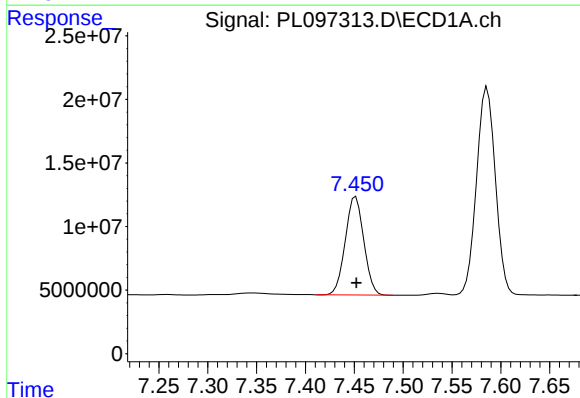
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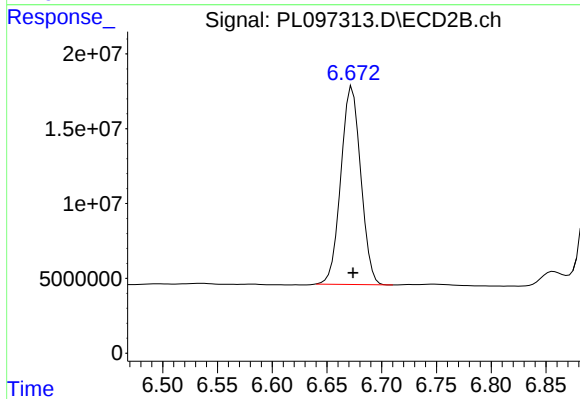
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 324987642
Conc: 47.44 ng/ml



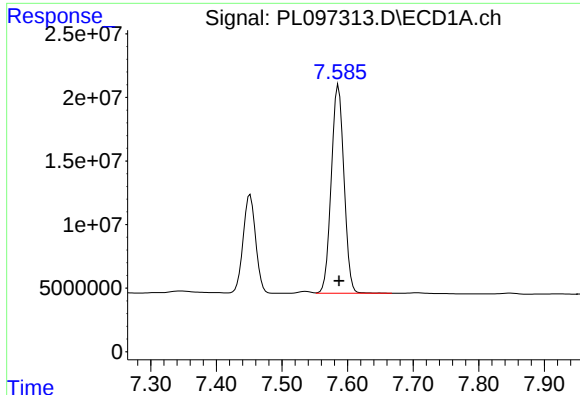
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: 0.000 min
Response: 101927093
Conc: 48.88 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 167454971
Conc: 44.42 ng/ml



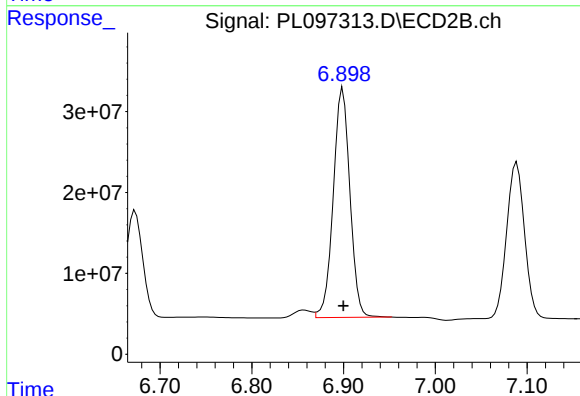
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 220305882
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

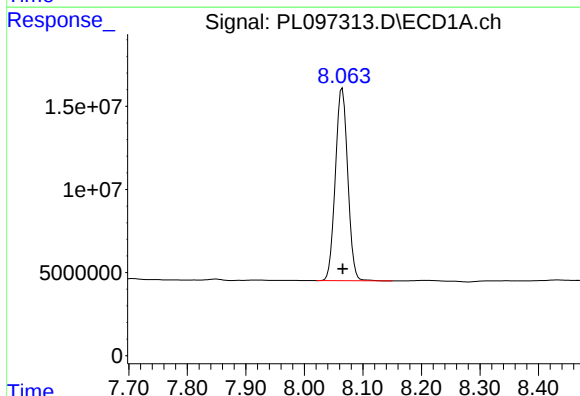
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



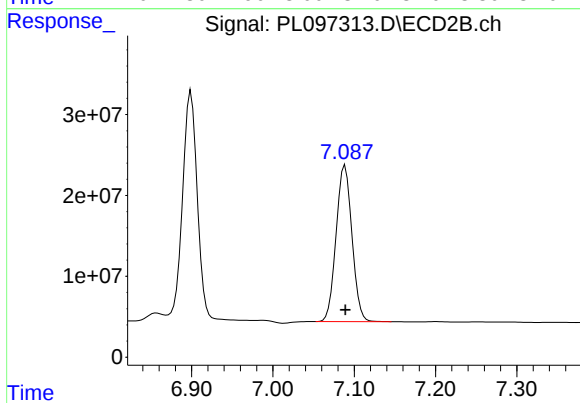
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: 0.000 min
Response: 358704586
Conc: 47.63 ng/ml



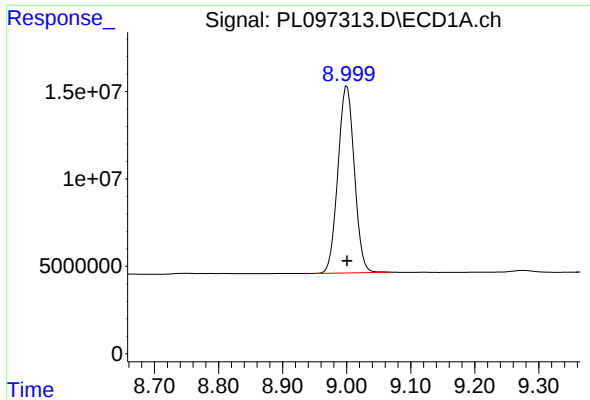
#22 Mirex

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 170139338
Conc: 47.92 ng/ml



#22 Mirex

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 261900464
Conc: 43.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.001 min
Delta R.T.: 0.000 min
Response: 189937863
Conc: 58.05 ng/ml

Instrument :

ECD_L

ClientSampleId :

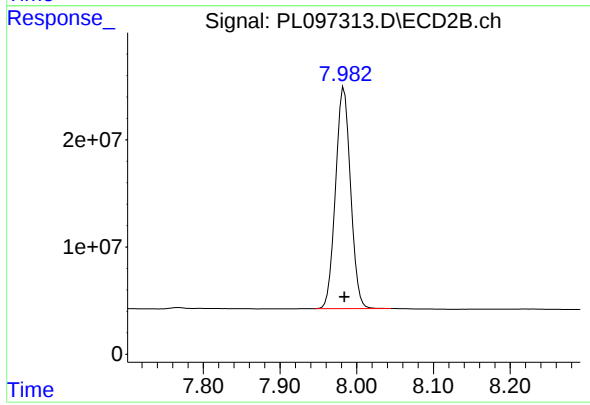
PSTDCCC050

Manual Integrations

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Reviewed By :Abdul Mirza 09/22/2025

Supervised By :mohammad ahmed 09/23/2025



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 280990558
Conc: 49.37 ng/ml