

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022825\
 Data File : PL094451.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 11:33
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/03/2025
 Supervised By : mohammad ahmed 03/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 11:51:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.537	2.771	131.0E6	169.3E6	51.578	53.046
28) SA Decachlor...	9.053	7.905	100.9E6	182.3E6	47.438	47.412
Target Compounds						
2) A alpha-BHC	3.992	3.273	192.3E6	259.6E6	50.839	52.813
3) MA gamma-BHC...	4.325	3.603	186.6E6	248.3E6	50.513	52.721
4) MA Heptachlor	4.913	3.941	168.9E6	239.3E6	49.818	50.686
5) MB Aldrin	5.254	4.220	171.7E6	240.7E6	50.024	52.095
6) B beta-BHC	4.524	3.904	80813807	103.3E6	50.607	51.947
7) B delta-BHC	4.771	4.132	178.9E6	249.4E6	50.572	52.665
8) B Heptachlo...	5.682	4.723	153.6E6	216.8E6	50.988	50.957
9) A Endosulfan I	6.067	5.092	134.9E6	170.3E6	49.084	42.713
10) B gamma-Chl...	5.938	4.973	144.0E6	220.1E6	49.061	50.726
11) B alpha-Chl...	6.017	5.036	144.0E6	217.1E6	49.705	50.283
12) B 4,4'-DDE	6.190	5.223	134.8E6	216.1E6	51.618	51.450m
13) MA Dieldrin	6.342	5.356	142.2E6	224.1E6	49.907	51.135
14) MA Endrin	6.571	5.632	113.9E6	194.4E6	44.613m	57.089 #
15) B Endosulfa...	6.792	5.925	119.1E6	195.3E6	47.298	52.233m
16) A 4,4'-DDD	6.707	5.780	108.7E6	181.8E6	58.773	57.064
17) MA 4,4'-DDT	7.022	6.030	103.0E6	176.0E6	49.065	49.471
18) B Endrin al...	6.922	6.106	97765206	159.3E6	50.218	50.406
19) B Endosulfa...	7.157	6.329	109.4E6	187.4E6	48.343	50.734
20) A Methoxychlor	7.498	6.605	54079408	95355974	48.674	48.875
21) B Endrin ke...	7.642	6.834	123.8E6	224.5E6	49.400	52.596
22) Mirex	8.114	7.014	96181357	176.0E6	46.615	50.472

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022825\
Data File : PL094451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 11:33
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

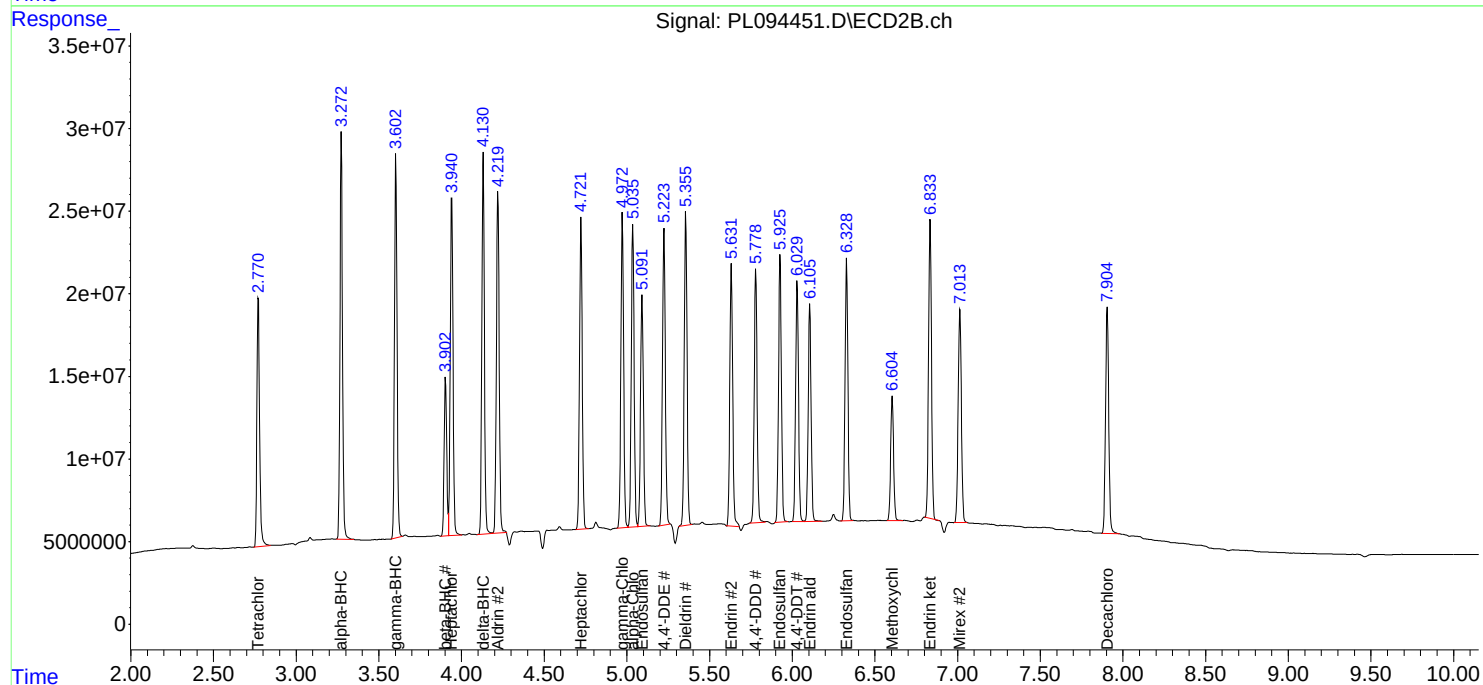
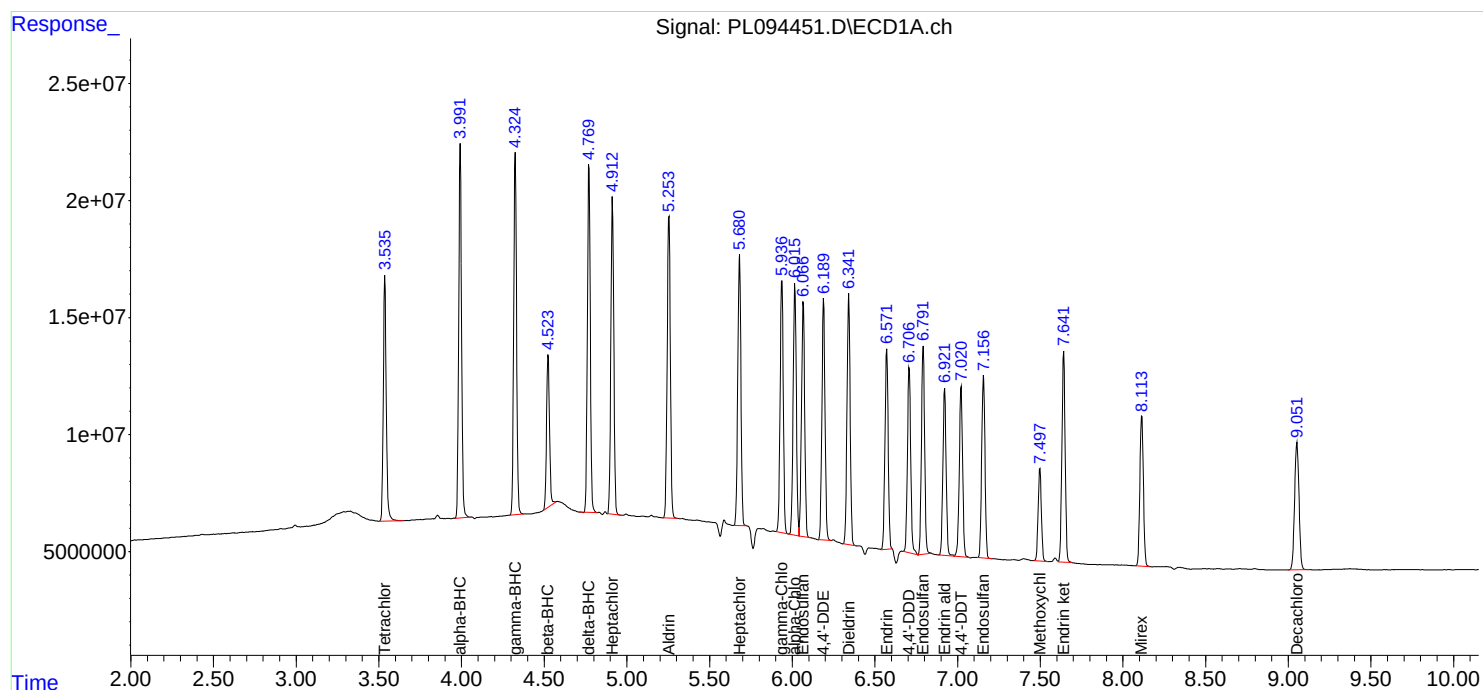
APPROVED

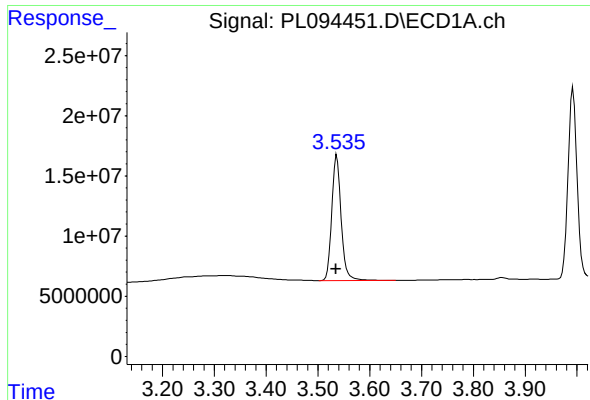
Reviewed By :Abdul Mirza 03/03/2025

Supervised By :mohammad ahmed 03/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:51:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





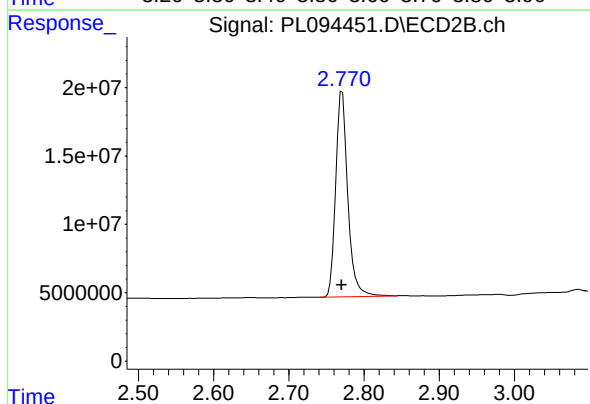
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 130961536
Conc: 51.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

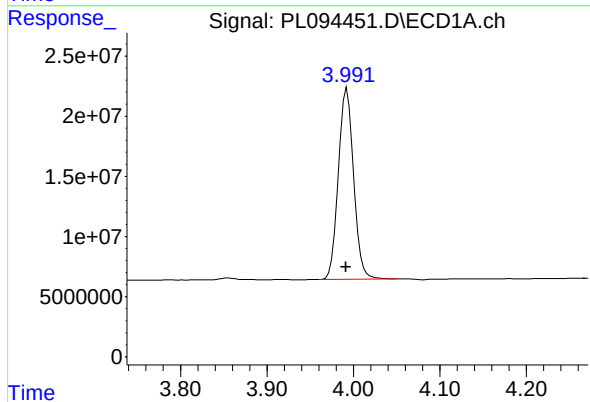
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Supervised By :mohammad ahmed 03/07/2025



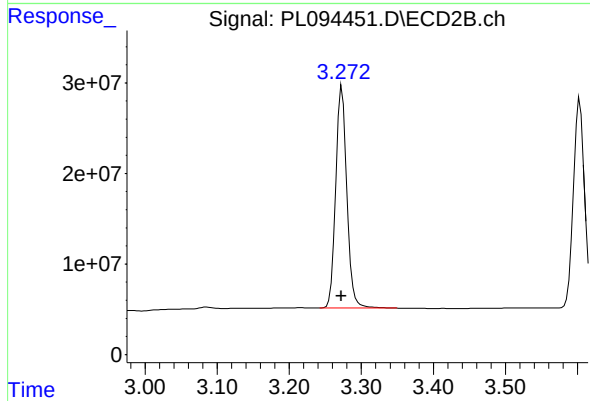
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 169277386
Conc: 53.05 ng/ml



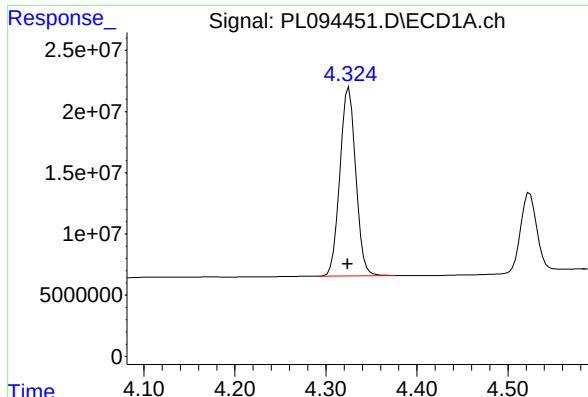
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: 0.001 min
Response: 192305574
Conc: 50.84 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 259565396
Conc: 52.81 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.002 min
Response: 186630644
Conc: 50.51 ng/ml

Instrument :

ECD_L

ClientSampleId :

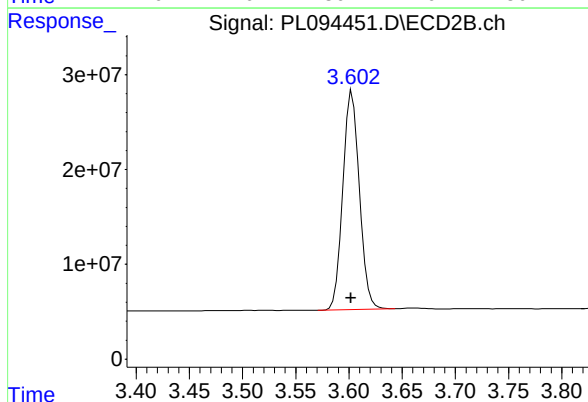
PSTDCCC050

Manual Integrations

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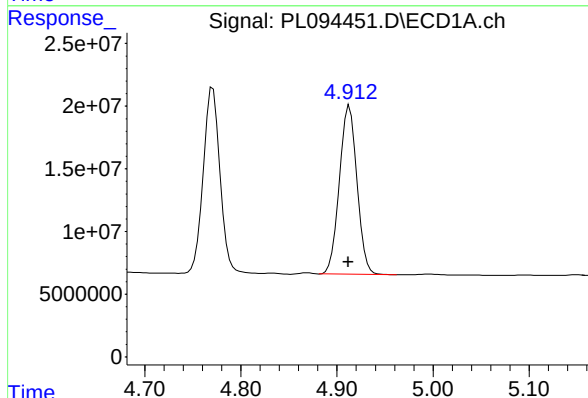
Reviewed By :Abdul Mirza 03/03/2025

Supervised By :mohammad ahmed 03/07/2025



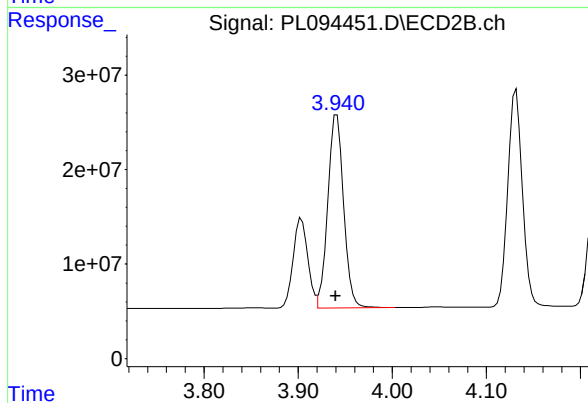
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.001 min
Response: 248310804
Conc: 52.72 ng/ml



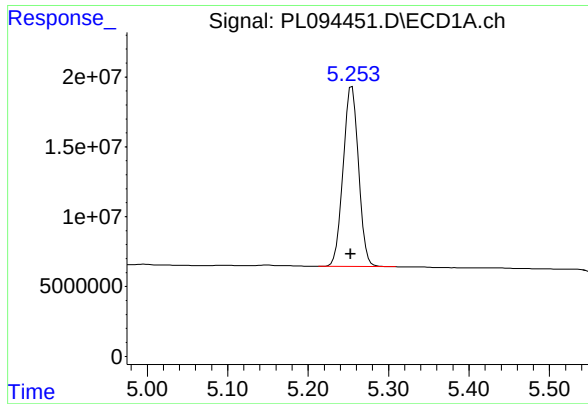
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.001 min
Response: 168902160
Conc: 49.82 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: 0.001 min
Response: 239252959
Conc: 50.69 ng/ml



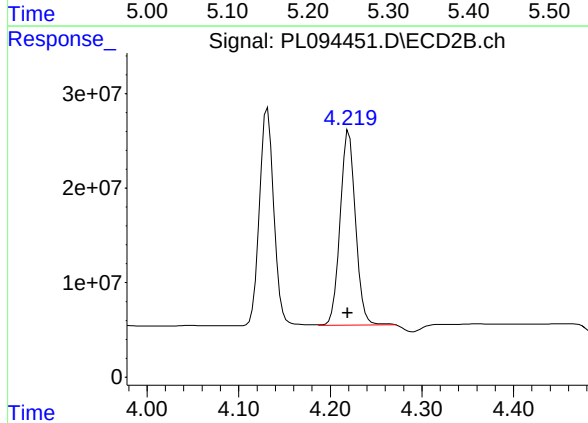
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.001 min
Response: 171668722
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

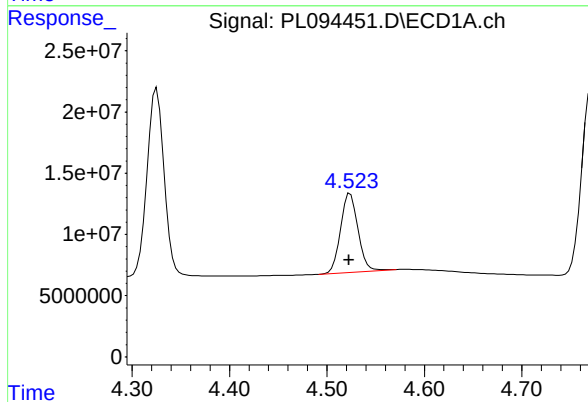
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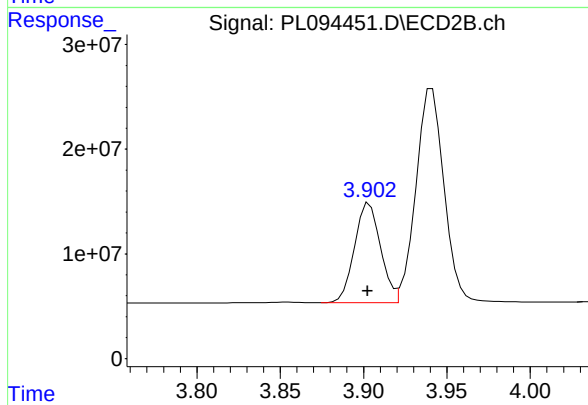
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.001 min
Response: 240696018
Conc: 52.09 ng/ml



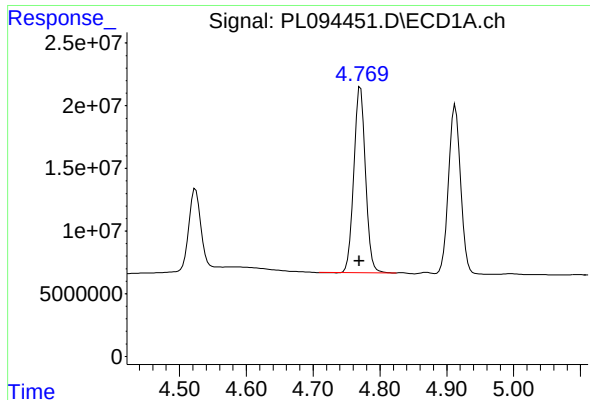
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 80813807
Conc: 50.61 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.000 min
Response: 103318605
Conc: 51.95 ng/ml



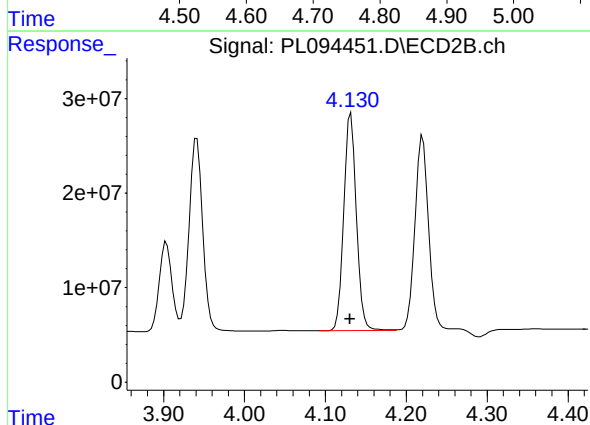
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.002 min
Response: 178936603
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

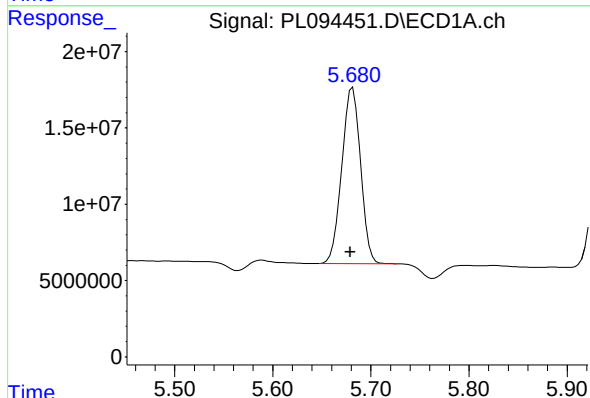
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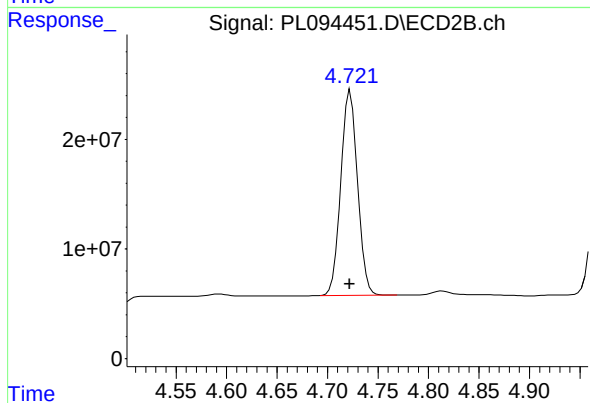
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.001 min
Response: 249404544
Conc: 52.66 ng/ml



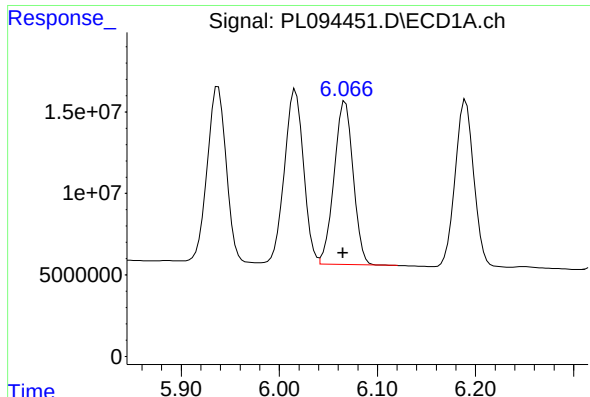
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.002 min
Response: 153647567
Conc: 50.99 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 216842353
Conc: 50.96 ng/ml



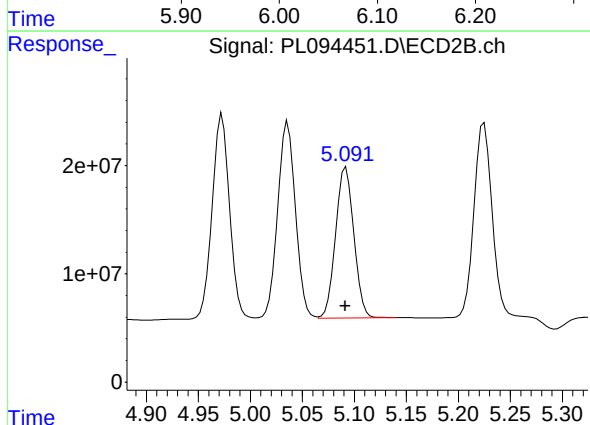
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.002 min
Response: 134913644
Conc: 49.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

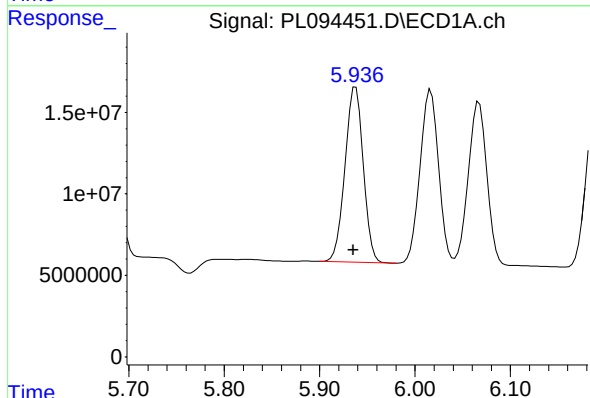
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Reviewed By :Abdul Mirza 03/03/2025
Supervised By :mohammad ahmed 03/07/2025



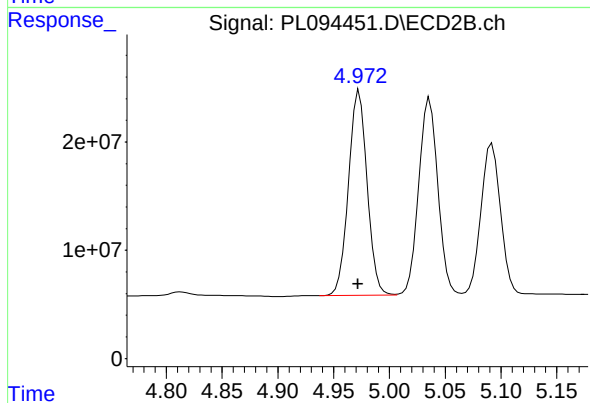
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 170279290
Conc: 42.71 ng/ml



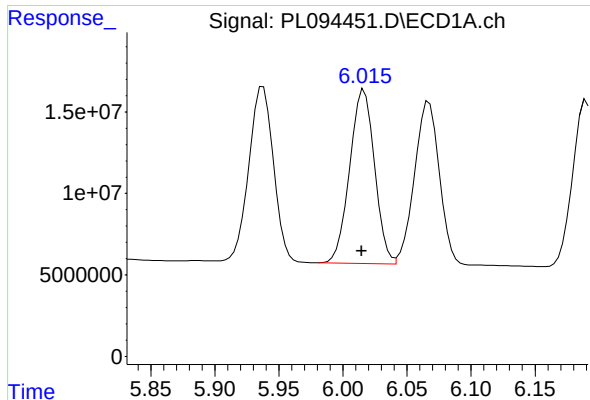
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.002 min
Response: 144048815
Conc: 49.06 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.001 min
Response: 220091772
Conc: 50.73 ng/ml



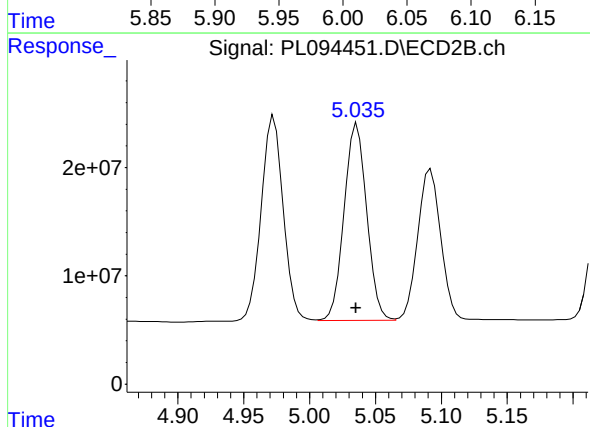
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.002 min
Response: 144000451
Conc: 49.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

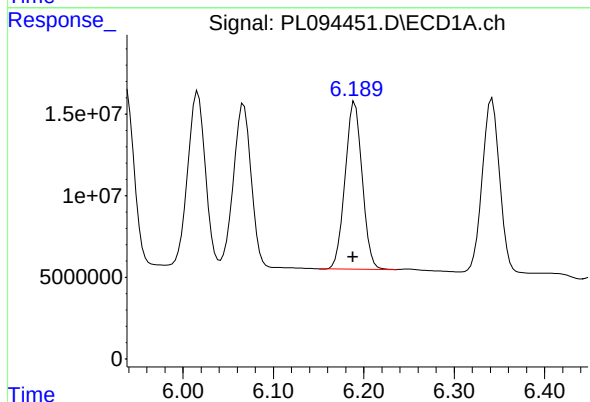
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Supervised By :mohammad ahmed 03/07/2025



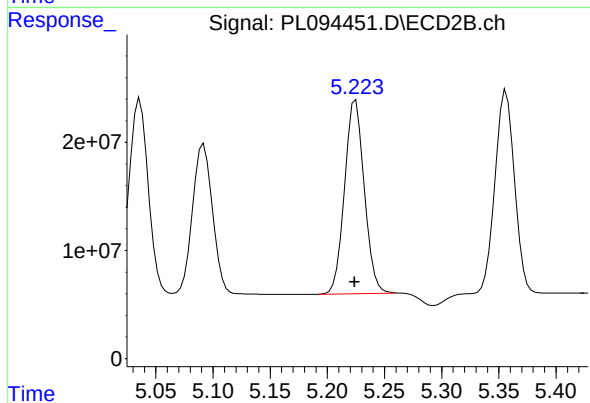
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 217102076
Conc: 50.28 ng/ml



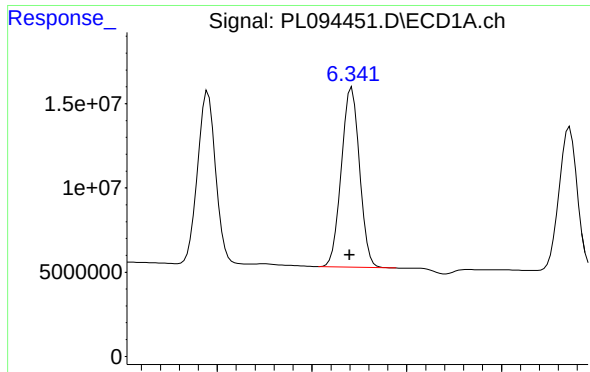
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 134811141
Conc: 51.62 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 216091550
Conc: 51.45 ng/ml m



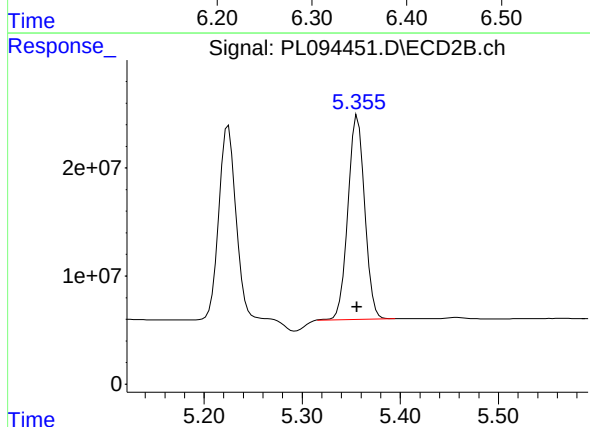
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.002 min
Response: 142187185
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

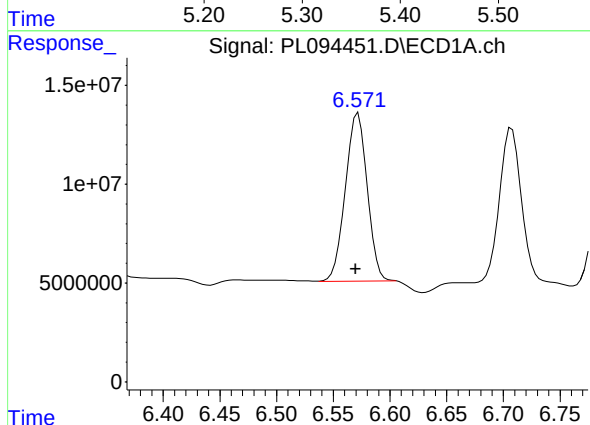
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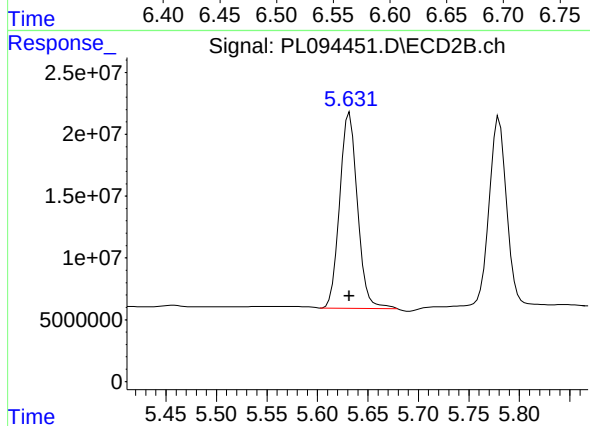
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 224061016
Conc: 51.13 ng/ml



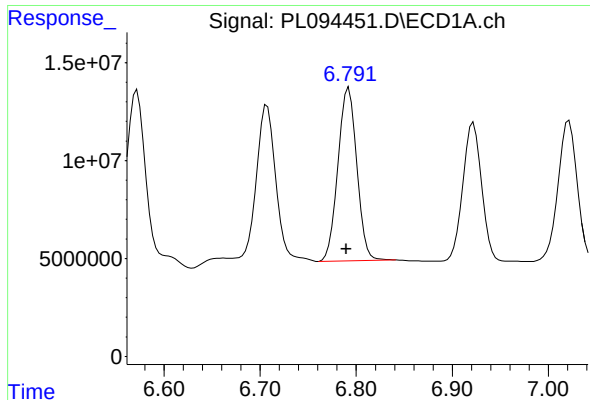
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 113864469
Conc: 44.61 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 194373243
Conc: 57.09 ng/ml



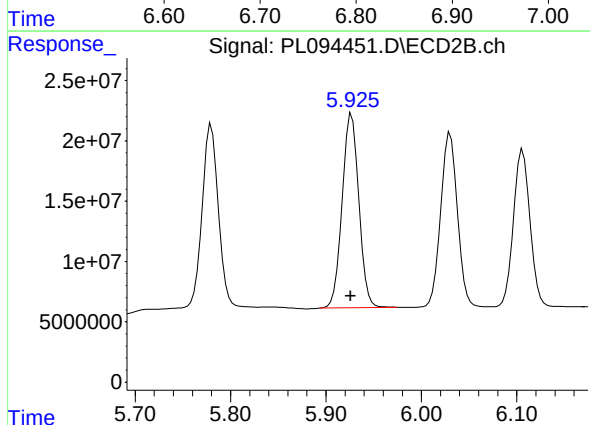
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.003 min
Response: 11905999
Conc: 47.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

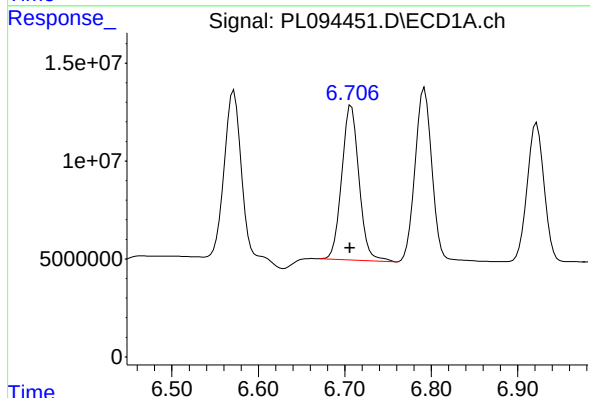
Manual Integrations
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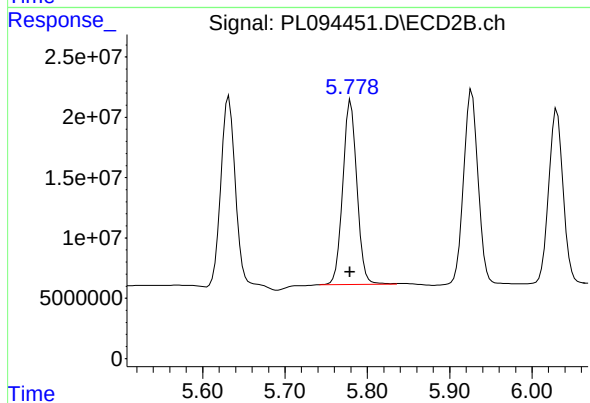
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 195324875
Conc: 52.23 ng/ml m



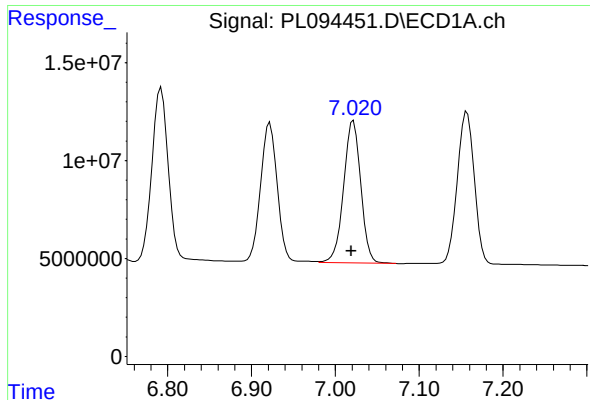
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.001 min
Response: 108716179
Conc: 58.77 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.001 min
Response: 181768391
Conc: 57.06 ng/ml



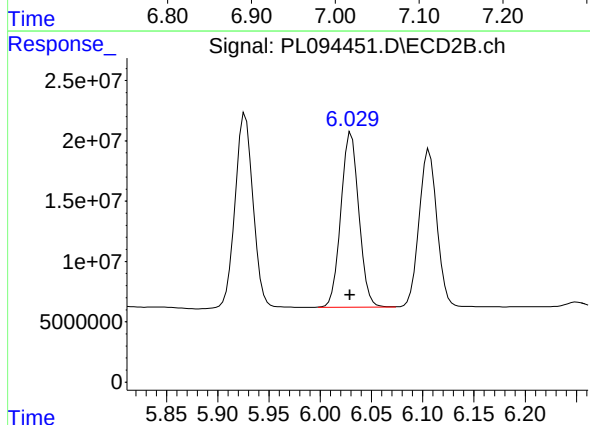
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.003 min
Response: 103037459
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

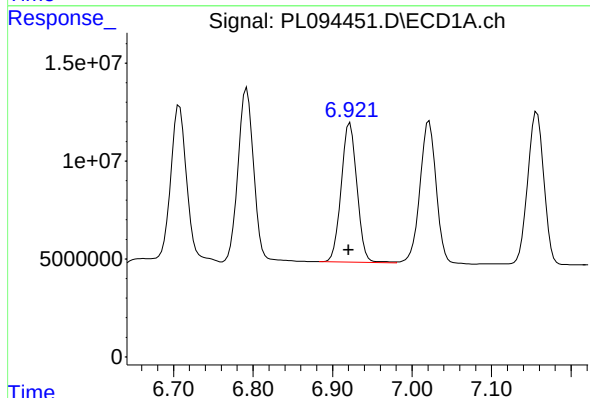
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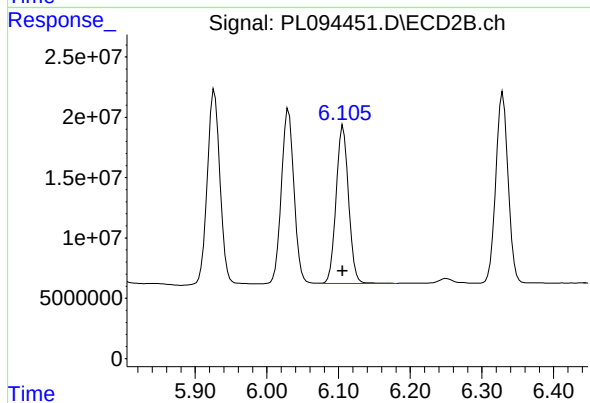
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: 0.001 min
Response: 175967459
Conc: 49.47 ng/ml



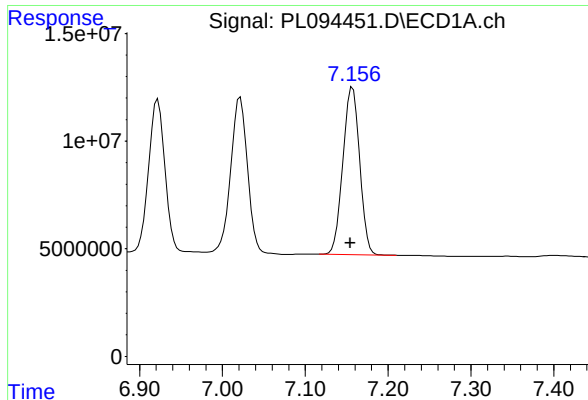
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.002 min
Response: 97765206
Conc: 50.22 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 159304092
Conc: 50.41 ng/ml



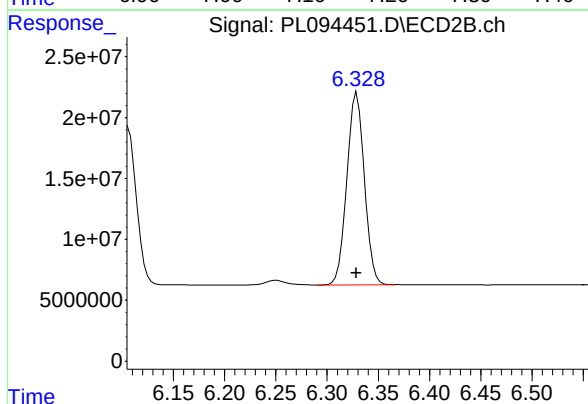
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.003 min
Response: 109441956
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

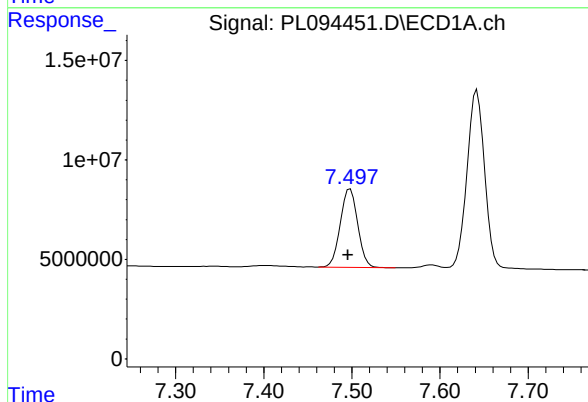
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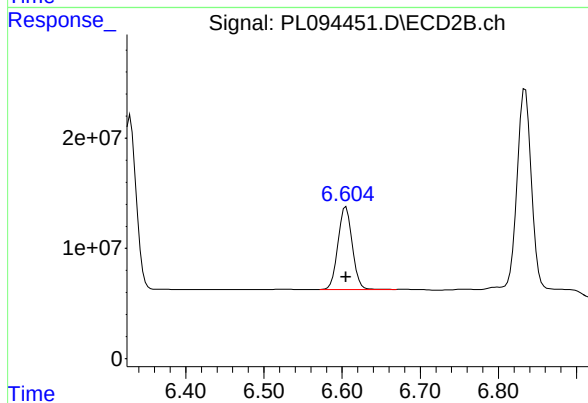
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 187393018
Conc: 50.73 ng/ml



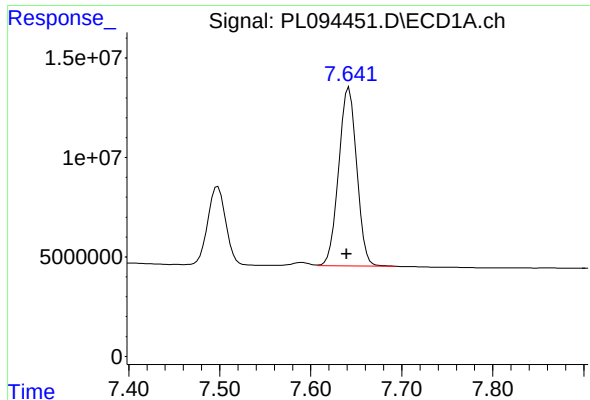
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.002 min
Response: 54079408
Conc: 48.67 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 95355974
Conc: 48.87 ng/ml



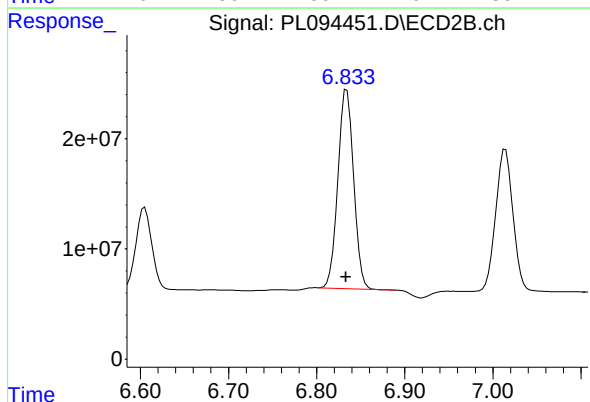
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.003 min
Response: 123842504
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

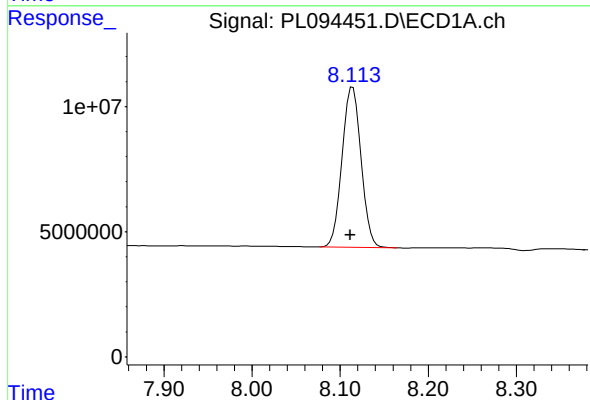
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Reviewed By :Abdul Mirza 03/03/2025
Supervised By :mohammad ahmed 03/07/2025



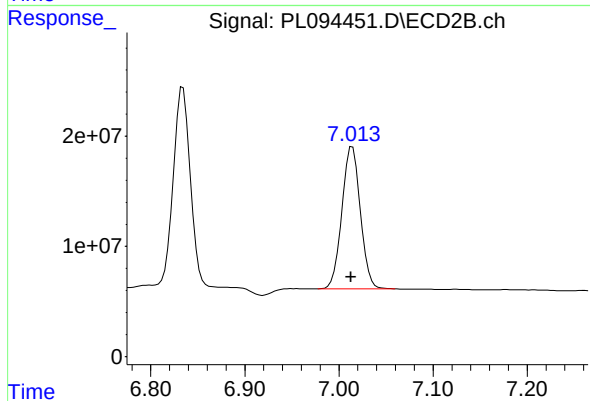
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 224456750
Conc: 52.60 ng/ml



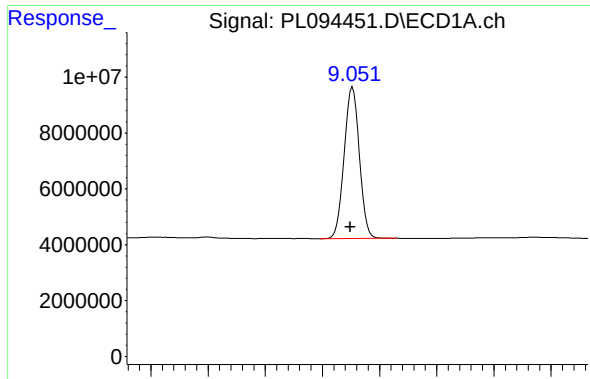
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.003 min
Response: 96181357
Conc: 46.62 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: 0.002 min
Response: 175997928
Conc: 50.47 ng/ml



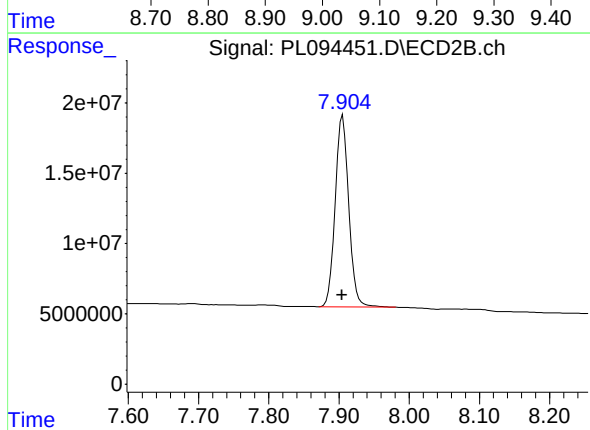
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.004 min
Response: 100912669
Conc: 47.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 03/07/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 182329409
Conc: 47.41 ng/ml