

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
 Data File : PD090233.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 18:24
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/15/2025
 Supervised By : mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 03:08:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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 x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.876	147.4E6	1161.4E6	50.229	52.671
28)	SA Decachlor...	9.065	8.064	208.1E6	1343.0E6	48.213	51.883
Target Compounds							
2)	A alpha-BHC	3.996	3.388	308.3E6	1863.2E6	51.360	54.897
3)	MA gamma-BHC...	4.325	3.724	287.3E6	1725.8E6	50.170m	55.367
4)	MA Heptachlor	4.925	4.077	283.7E6	1730.9E6	50.581	55.492
5)	MB Aldrin	5.265	4.362	272.0E6	1686.4E6	50.235m	55.371
6)	B beta-BHC	4.513	4.020	109.9E6	728.8E6	49.018	54.676
7)	B delta-BHC	4.761	4.257	272.5E6	1747.6E6	52.628	55.392
8)	B Heptachlo...	5.686	4.866	240.0E6	1523.6E6	48.907	55.014
9)	A Endosulfan I	6.068	5.240	227.8E6	1437.7E6	49.367m	54.829
10)	B gamma-Chl...	5.942	5.119	240.6E6	1650.8E6	49.198	55.748
11)	B alpha-Chl...	6.021	5.183	243.4E6	1578.6E6	49.450m	55.316
12)	B 4,4'-DDE	6.192	5.368	223.2E6	1604.4E6	50.861	55.666
13)	MA Dieldrin	6.341	5.506	246.1E6	1630.8E6	50.264m	55.684
14)	MA Endrin	6.568	5.783	207.3E6	1551.0E6	50.021m	58.240
15)	B Endosulfa...	6.782	6.074	205.9E6	1400.7E6	48.801	55.376
16)	A 4,4'-DDD	6.701	5.923	173.4E6	1341.1E6	50.125	55.779
17)	MA 4,4'-DDT	7.015	6.176	185.2E6	1447.0E6	48.607m	57.720
18)	B Endrin al...	6.909	6.252	145.6E6	993.0E6	50.768m	57.668
19)	B Endosulfa...	7.144	6.476	195.1E6	1350.6E6	49.792m	55.397
20)	A Methoxychlor	7.489	6.747	100.7E6	732.4E6	50.194	56.793
21)	B Endrin ke...	7.625	6.984	210.0E6	1470.9E6	50.667	55.205
22)	Mirex	8.109	7.178	151.9E6	1111.4E6	48.162	53.805

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
Data File : PD090233.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 18:24
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

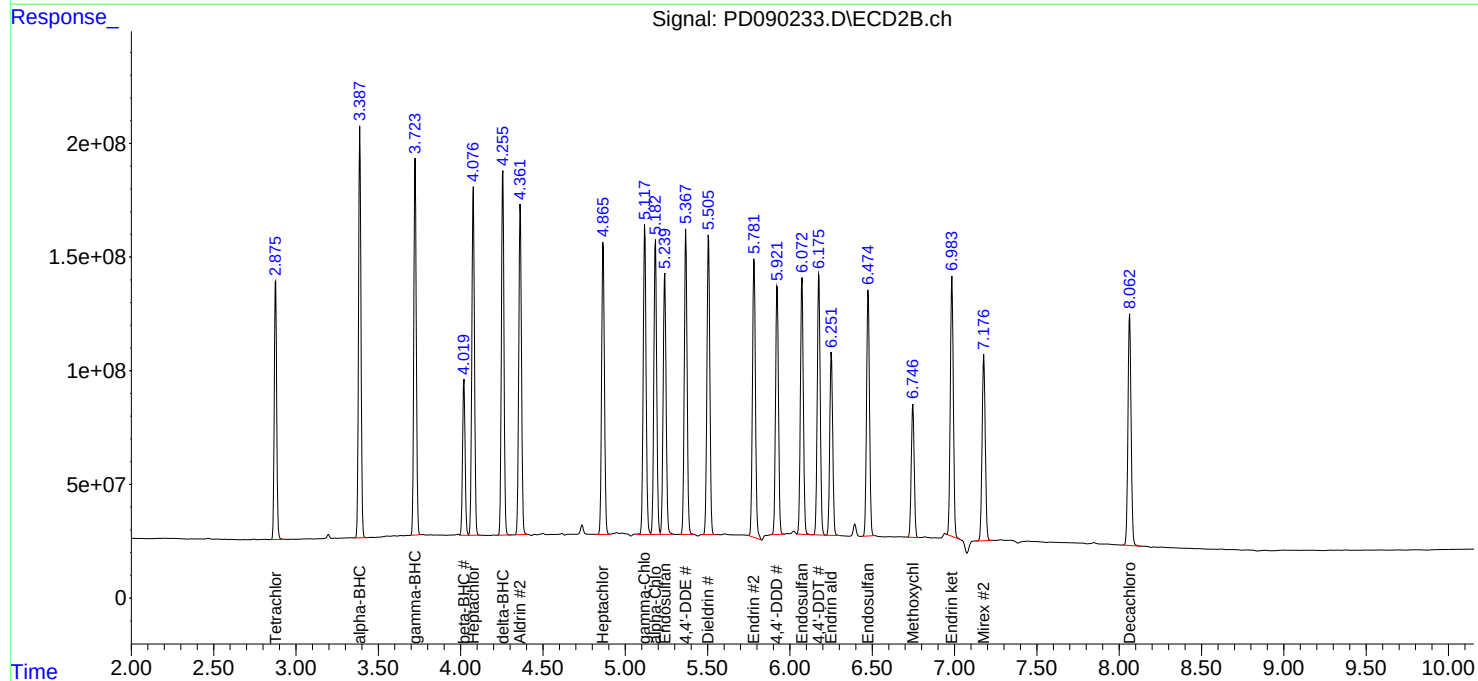
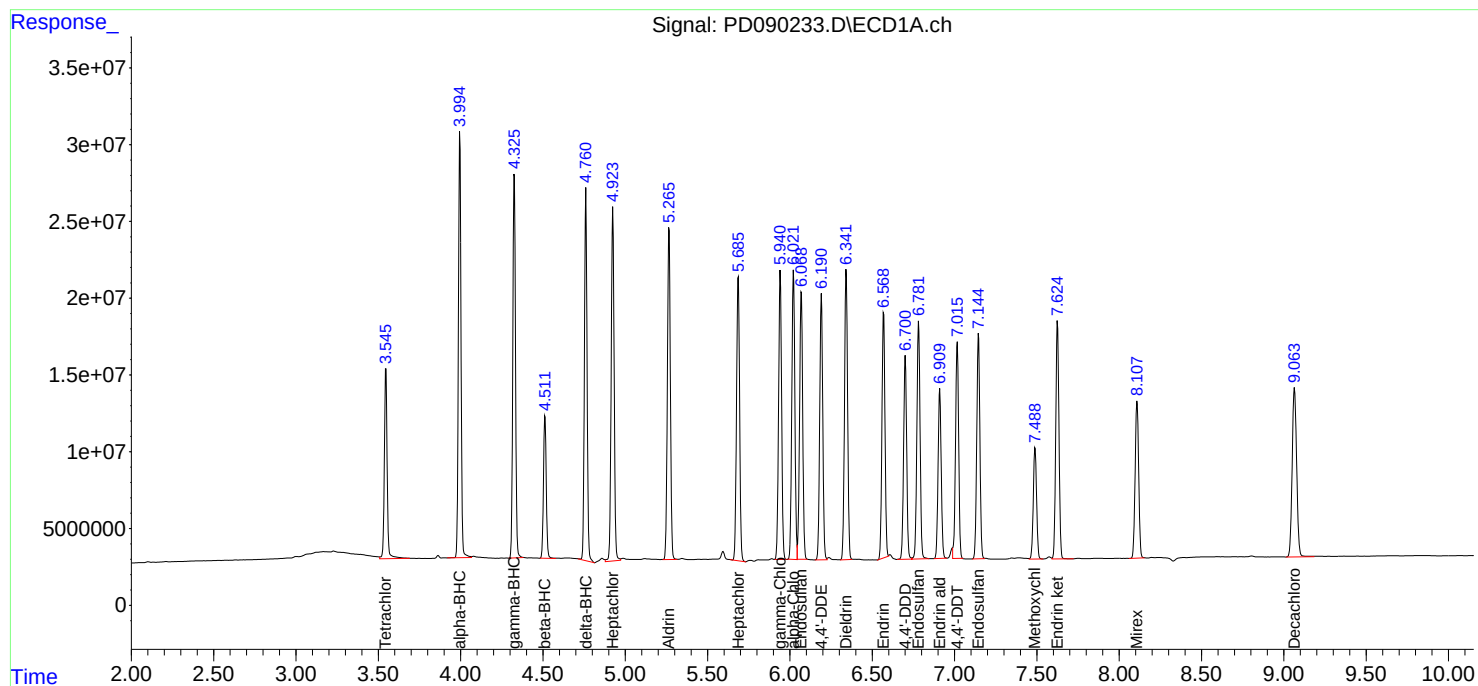
APPROVED

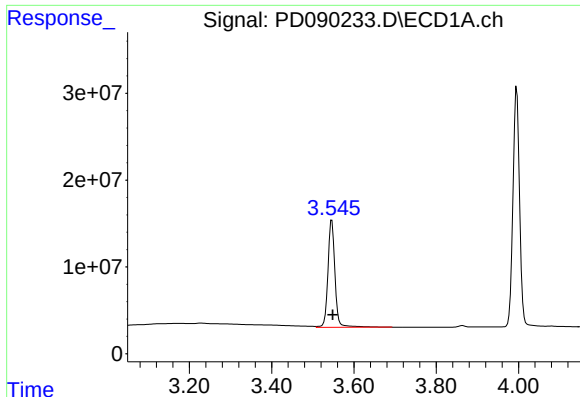
Reviewed By :Abdul Mirza 09/15/2025

Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 03:08:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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 x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: -0.002 min
Response: 147415036
Conc: 50.23 ng/ml

Instrument :

ECD_D

ClientSampleId :

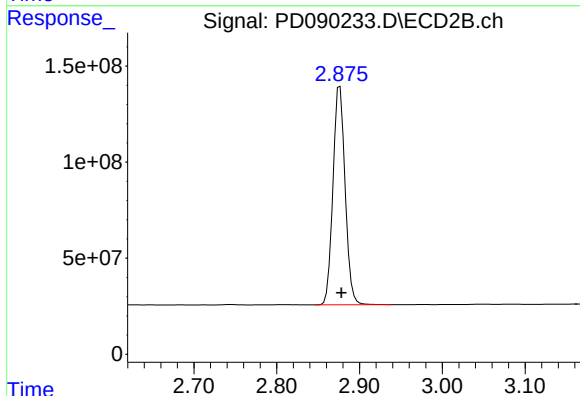
PSTDCCC050

Manual Integrations

APPROVED

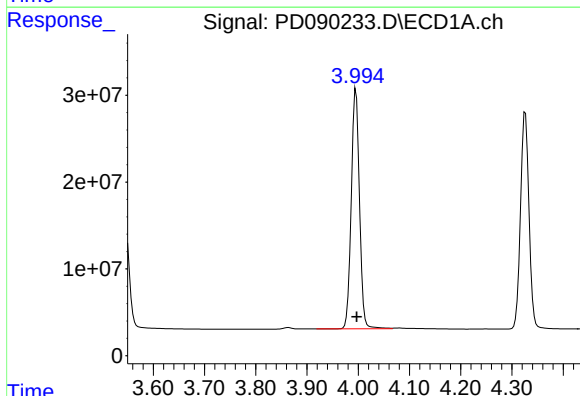
Reviewed By :Abdul Mirza 09/15/2025

Supervised By :mohammad ahmed 10/11/2025



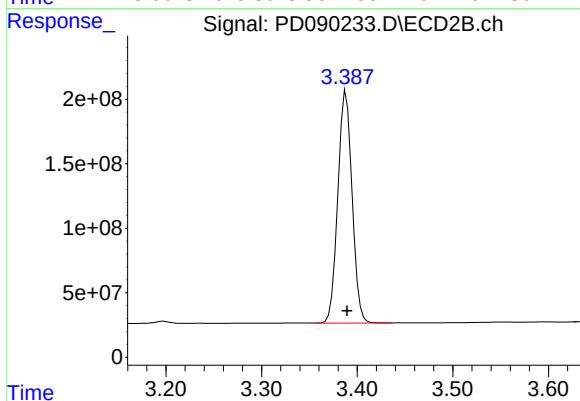
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 1161424427
Conc: 52.67 ng/ml



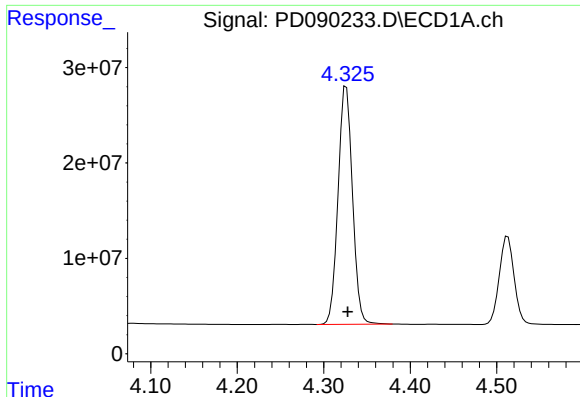
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.001 min
Response: 308275569
Conc: 51.36 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.001 min
Response: 1863156527
Conc: 54.90 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 287316345
Conc: 50.17 ng/ml

Instrument :

ECD_D

ClientSampleId :

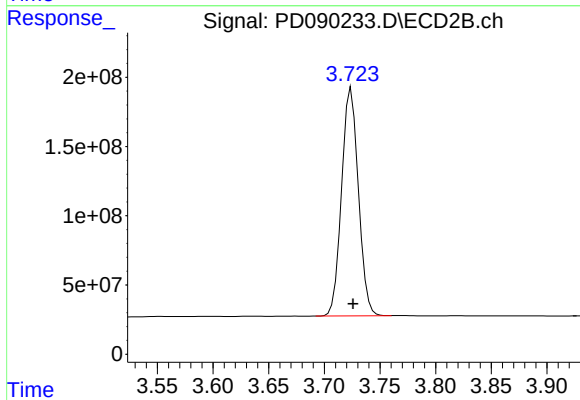
PSTDCCC050

Manual Integrations

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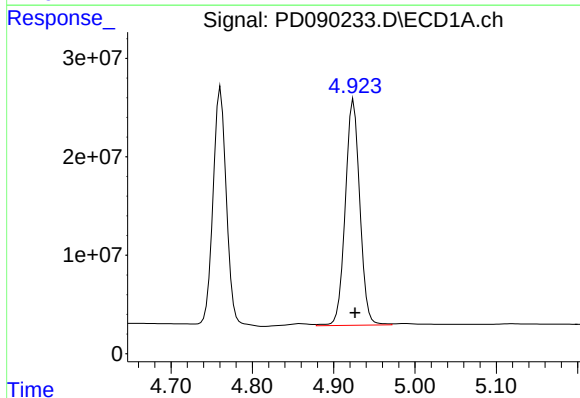
Reviewed By :Abdul Mirza 09/15/2025

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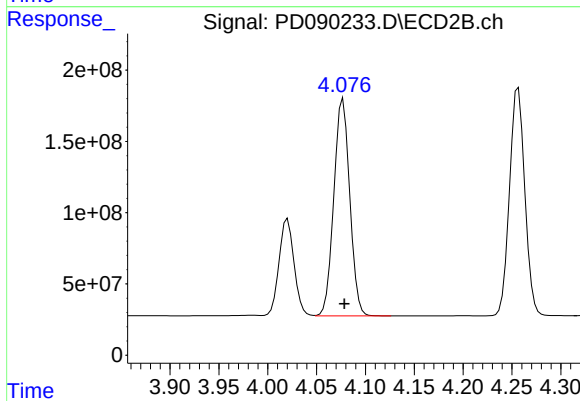
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.001 min
Response: 1725828653
Conc: 55.37 ng/ml



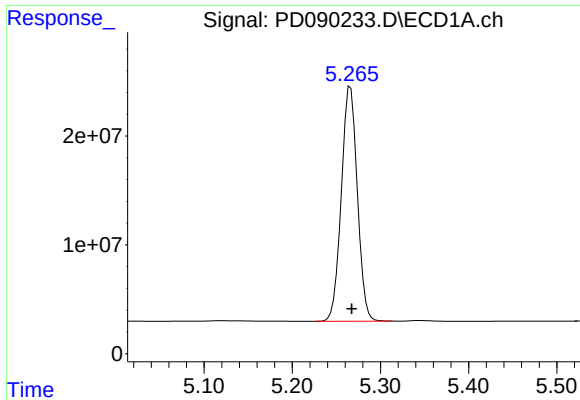
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 283716874
Conc: 50.58 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: -0.001 min
Response: 1730875876
Conc: 55.49 ng/ml



#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.003 min
Response: 27200455
Conc: 50.24 ng/ml

Instrument :

ECD_D

ClientSampleId :

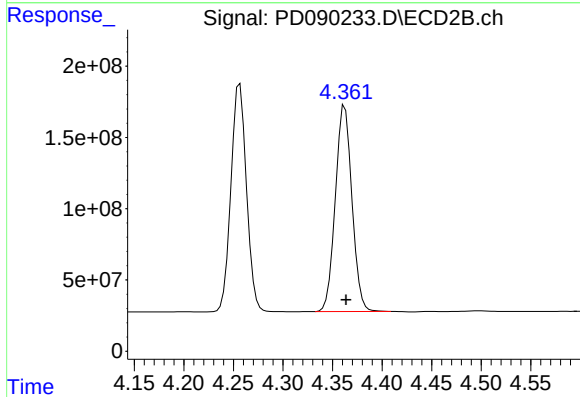
PSTDCCC050

Manual Integrations

APPROVED

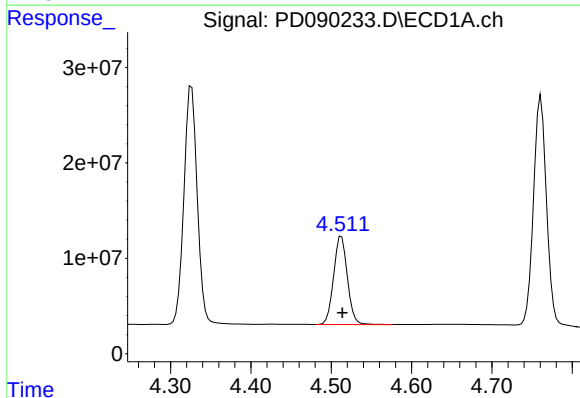
Reviewed By :Abdul Mirza 09/15/2025

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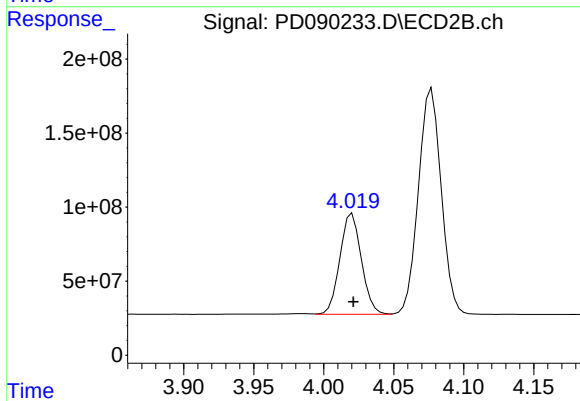
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.001 min
Response: 1686358387
Conc: 55.37 ng/ml



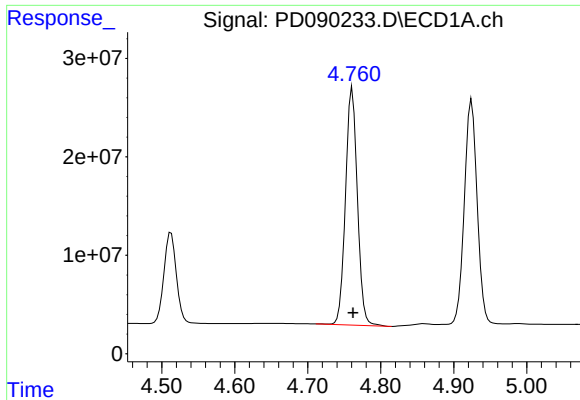
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: -0.001 min
Response: 109948520
Conc: 49.02 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: -0.001 min
Response: 728835461
Conc: 54.68 ng/ml



#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 272494030
Conc: 52.63 ng/ml

Instrument :

ECD_D

ClientSampleId :

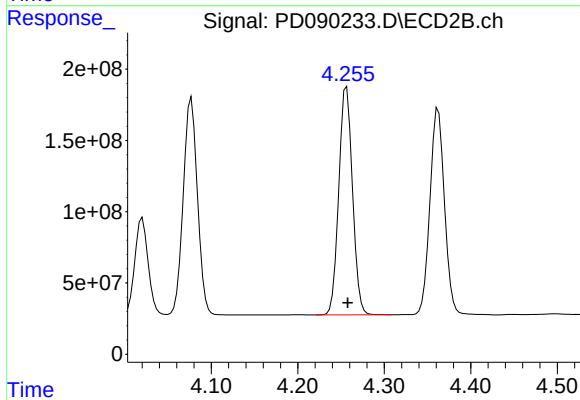
PSTDCCC050

Manual Integrations

APPROVED

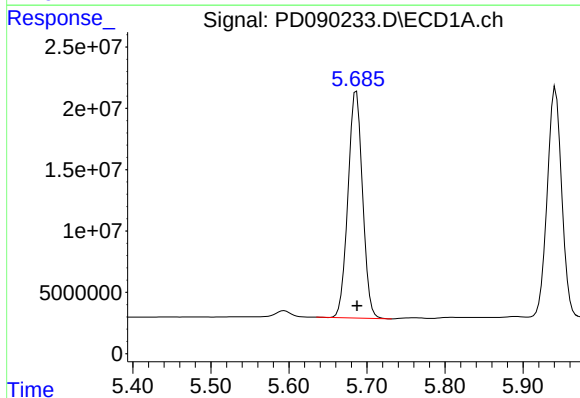
Reviewed By :Abdul Mirza 09/15/2025

Supervised By :mohammad ahmed 10/11/2025



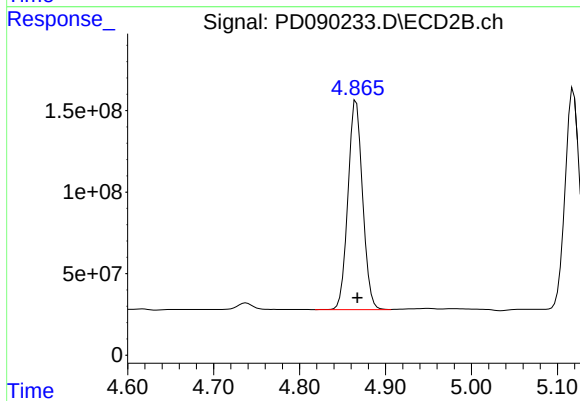
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: -0.001 min
Response: 1747602462
Conc: 55.39 ng/ml



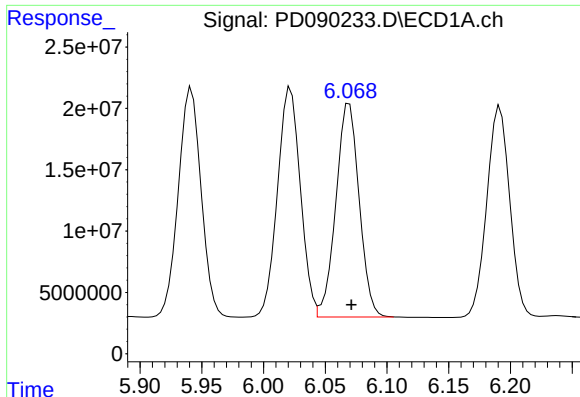
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 239978716
Conc: 48.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.866 min
Delta R.T.: -0.001 min
Response: 1523608063
Conc: 55.01 ng/ml



#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.003 min
Response: 227822547
Conc: 49.37 ng/ml

Instrument :

ECD_D

ClientSampleId :

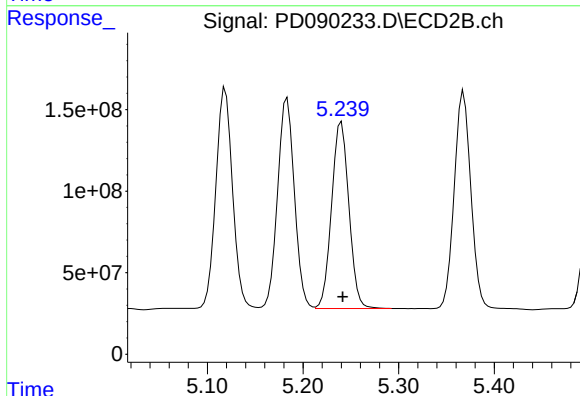
PSTDCCC050

Manual Integrations

APPROVED

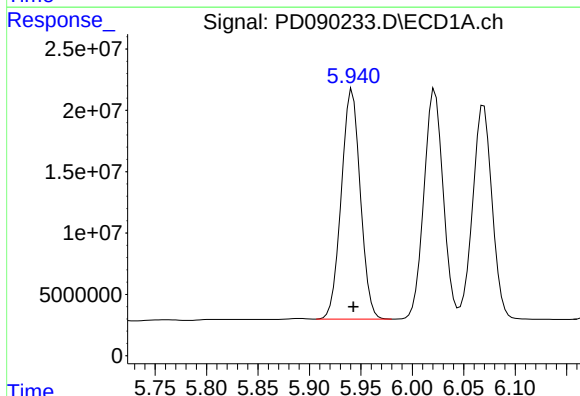
Reviewed By :Abdul Mirza 09/15/2025

Supervised By :mohammad ahmed 10/11/2025



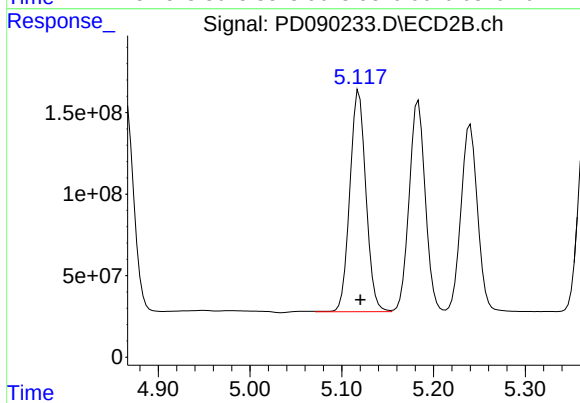
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 1437716444
Conc: 54.83 ng/ml



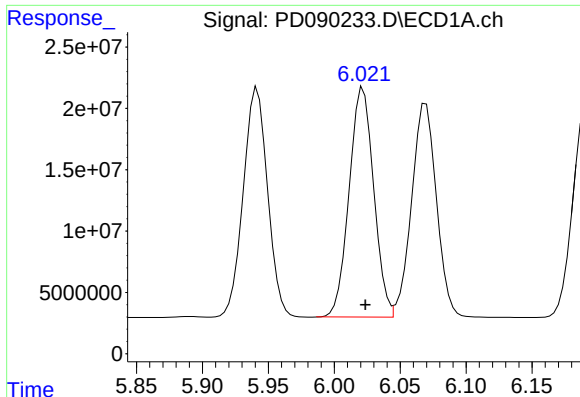
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.001 min
Response: 240624692
Conc: 49.20 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.002 min
Response: 1650781726
Conc: 55.75 ng/ml



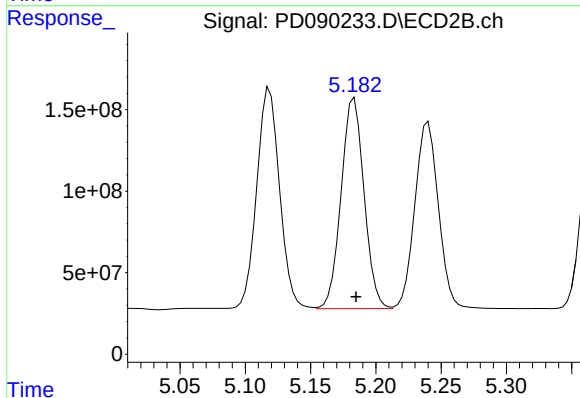
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.003 min
Response: 243413722
Conc: 49.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

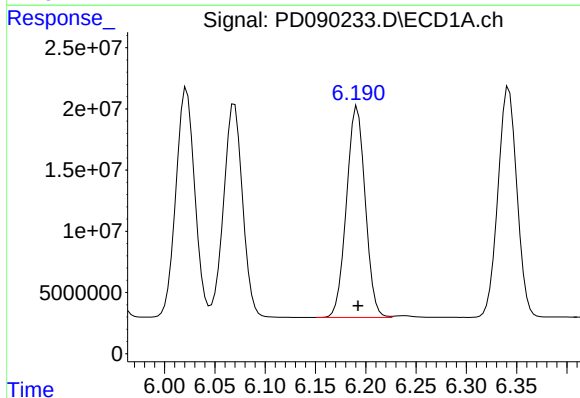
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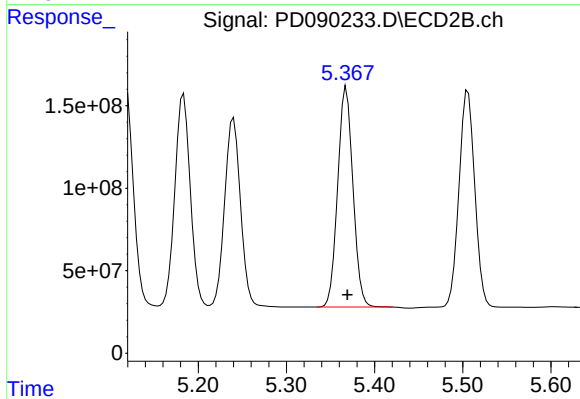
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.001 min
Response: 1578626369
Conc: 55.32 ng/ml



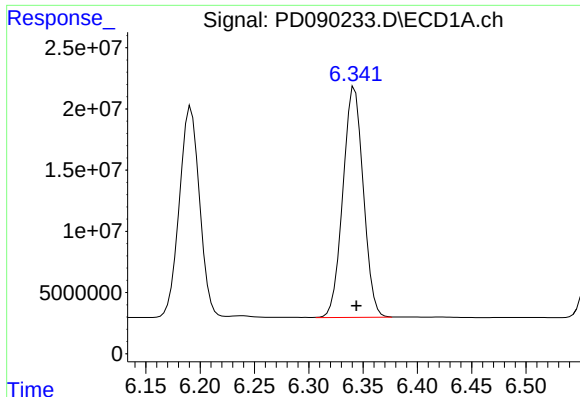
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 223193363
Conc: 50.86 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: -0.001 min
Response: 1604438134
Conc: 55.67 ng/ml



#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 246079674
Conc: 50.26 ng/ml

Instrument :

ECD_D

ClientSampleId :

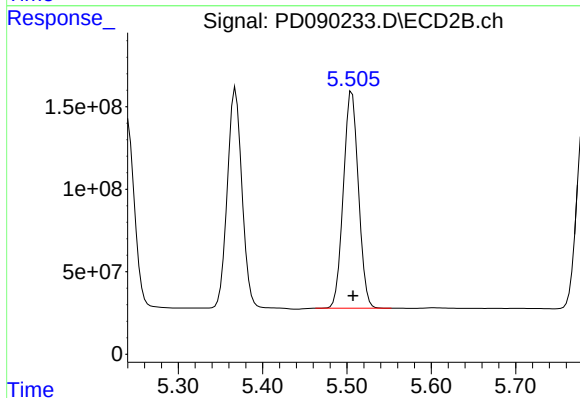
PSTDCCC050

Manual Integrations

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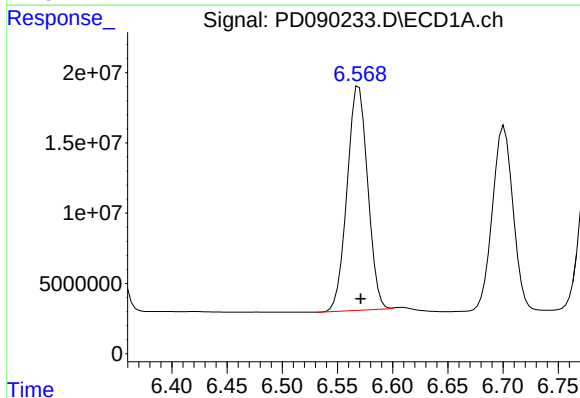
Reviewed By :Abdul Mirza 09/15/2025

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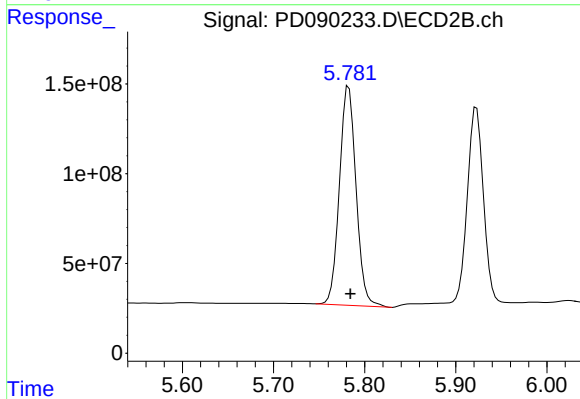
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: -0.001 min
Response: 1630814284
Conc: 55.68 ng/ml



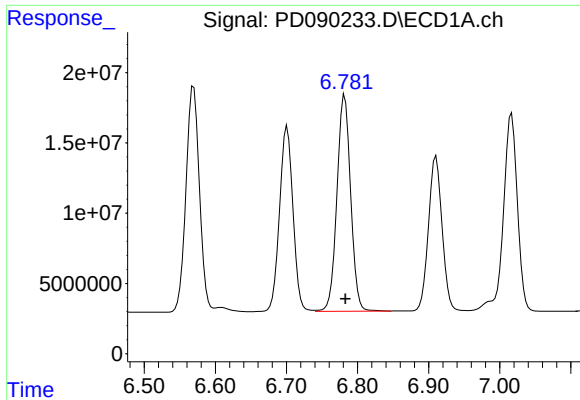
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 207265549
Conc: 50.02 ng/ml m



#14 Endrin

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 1551047213
Conc: 58.24 ng/ml



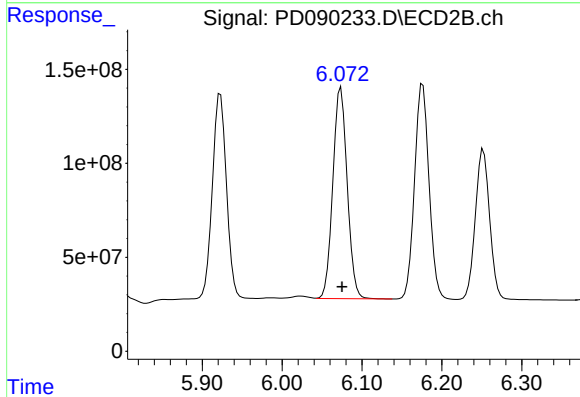
#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 205925946
Conc: 48.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

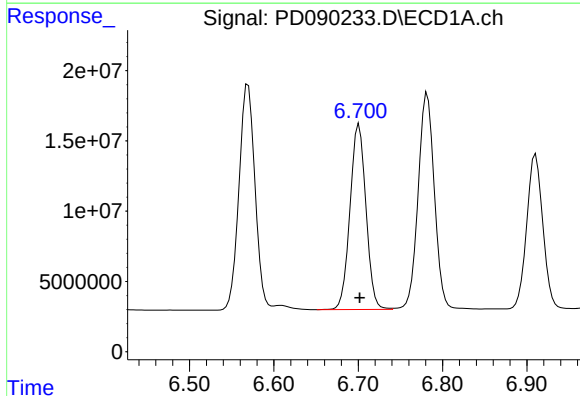
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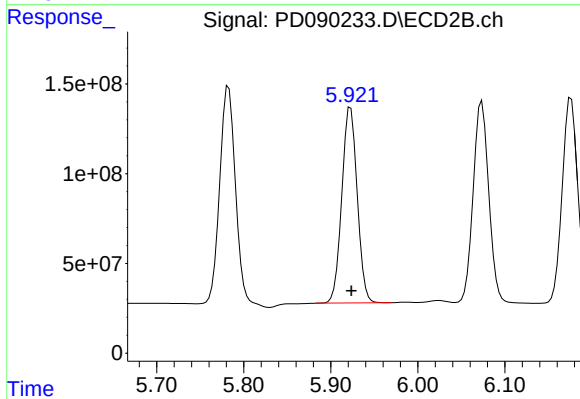
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 1400724314
Conc: 55.38 ng/ml



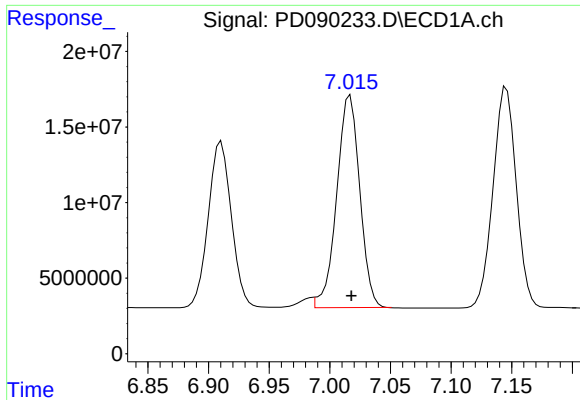
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 173387355
Conc: 50.12 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.001 min
Response: 1341134277
Conc: 55.78 ng/ml



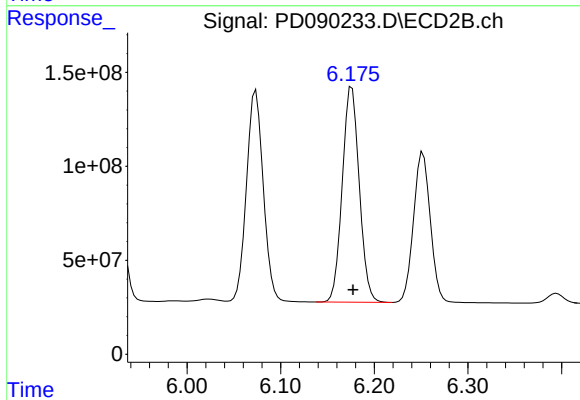
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: -0.002 min
Response: 185180976
Conc: 48.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

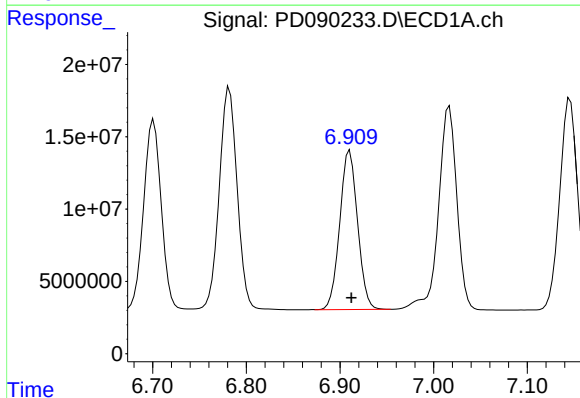
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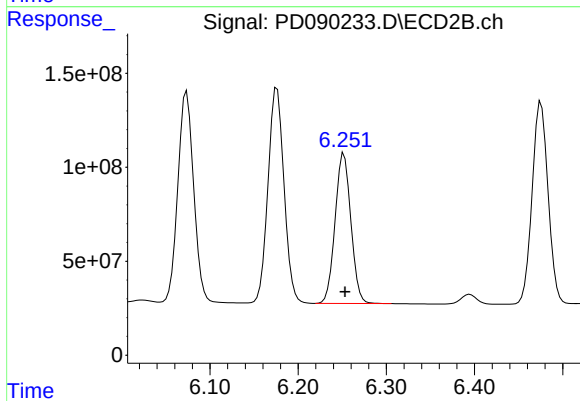
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 1447035946
Conc: 57.72 ng/ml



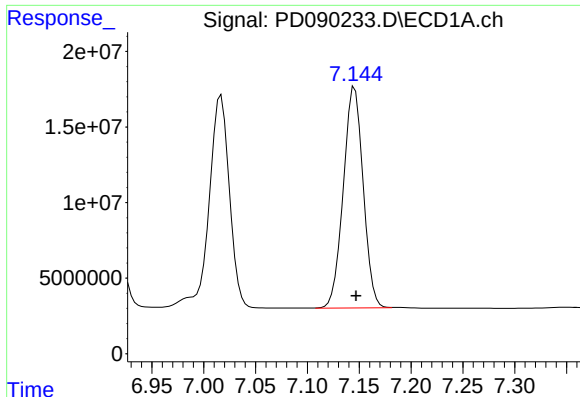
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: -0.003 min
Response: 145559865
Conc: 50.77 ng/ml m



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.001 min
Response: 993037546
Conc: 57.67 ng/ml



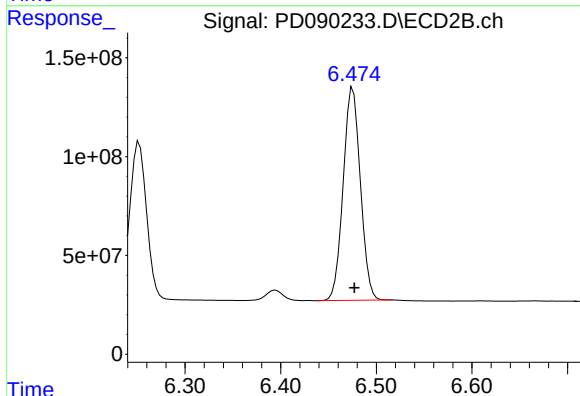
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: -0.002 min
Response: 195108714
Conc: 49.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

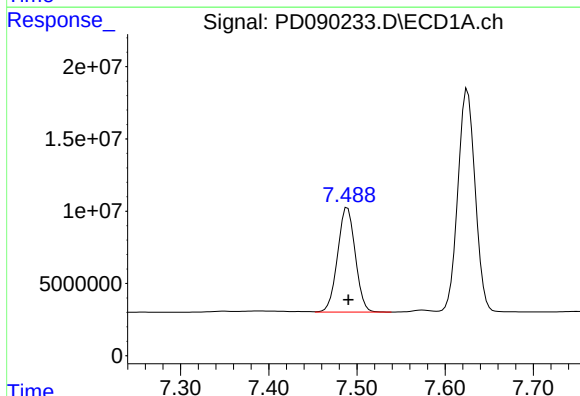
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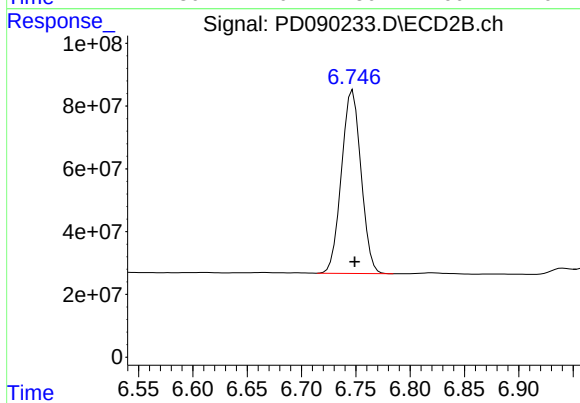
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 1350561803
Conc: 55.40 ng/ml



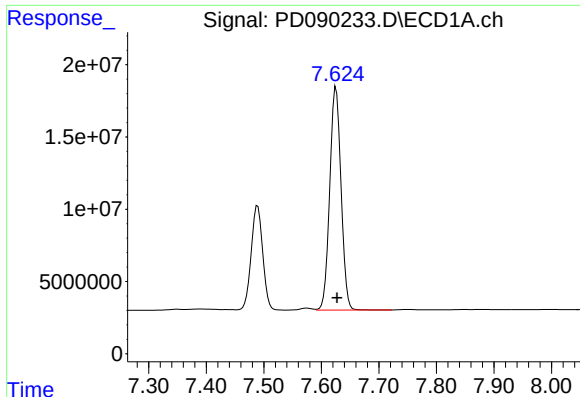
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 100670295
Conc: 50.19 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 732392688
Conc: 56.79 ng/ml



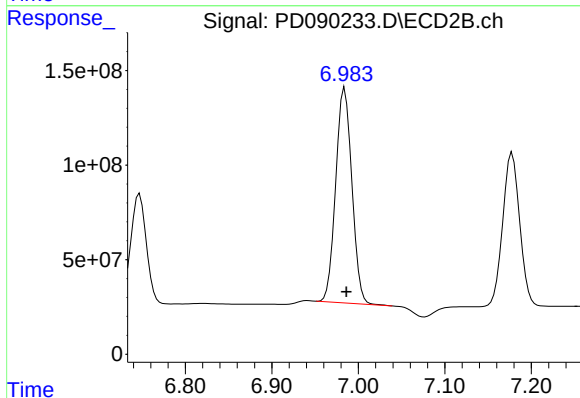
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 209991114
Conc: 50.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

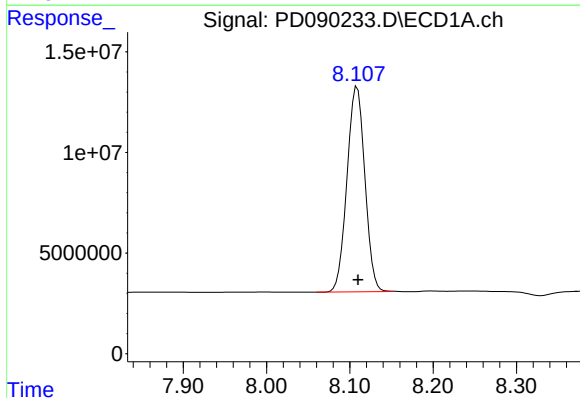
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/15/2025
Supervised By :mohammad ahmed 10/11/2025



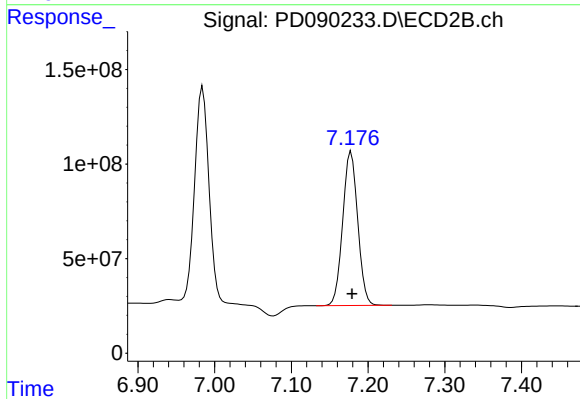
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.002 min
Response: 1470905027
Conc: 55.20 ng/ml



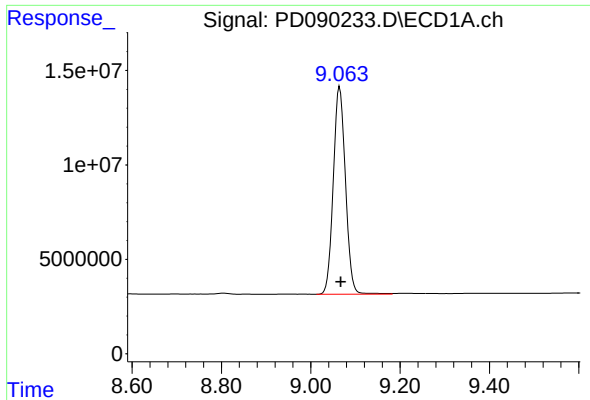
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 151924663
Conc: 48.16 ng/ml



#22 Mirex

R.T.: 7.178 min
Delta R.T.: -0.001 min
Response: 1111381777
Conc: 53.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: -0.002 min
Response: 208084670
Conc: 48.21 ng/ml

Instrument :

ECD_D

ClientSampleId :

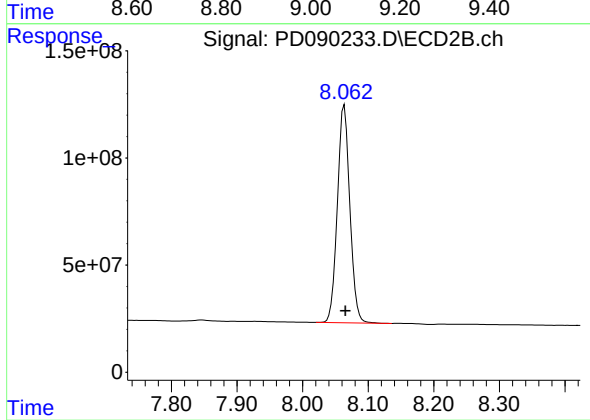
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.002 min
Response: 1343027791
Conc: 51.88 ng/ml