

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
 Data File : PD090433.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 19:54
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/30/2025
 Supervised By : mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:33:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.545	2.875	163.8E6	1357.7E6	50.402	49.462
28)	SA Decachlor...	9.063	8.060	236.3E6	1557.8E6	48.971	48.057
Target Compounds							
2)	A alpha-BHC	3.994	3.387	400.7E6	2349.6E6	57.372	53.665
3)	MA gamma-BHC...	4.325	3.723	372.5E6	2176.1E6	56.288	53.421
4)	MA Heptachlor	4.923	4.075	378.2E6	2192.4E6	57.194	53.845
5)	MB Aldrin	5.264	4.361	361.8E6	2139.1E6	56.975	53.564
6)	B beta-BHC	4.511	4.019	137.4E6	904.7E6	53.273	52.186
7)	B delta-BHC	4.758	4.255	373.0E6	2206.9E6	57.765m	53.443
8)	B Heptachlo...	5.684	4.864	317.2E6	2003.8E6	55.507	54.355
9)	A Endosulfan I	6.066	5.238	296.2E6	1848.0E6	54.834m	53.401
10)	B gamma-Chl...	5.939	5.117	319.5E6	2091.5E6	55.930	53.236
11)	B alpha-Chl...	6.019	5.182	333.8E6	2005.5E6	57.946m	53.245
12)	B 4,4'-DDE	6.189	5.366	297.4E6	2046.0E6	57.101	53.450
13)	MA Dieldrin	6.340	5.504	331.0E6	2084.4E6	57.413	53.520
14)	MA Endrin	6.567	5.780	284.7E6	1917.0E6	58.165	53.499
15)	B Endosulfa...	6.780	6.072	279.4E6	1799.5E6	57.285	53.317
16)	A 4,4'-DDD	6.699	5.920	233.6E6	1714.5E6	57.011	52.870
17)	MA 4,4'-DDT	7.014	6.174	259.8E6	1854.9E6	58.343	53.955
18)	B Endrin al...	6.908	6.250	200.8E6	1320.3E6	58.534	56.072
19)	B Endosulfa...	7.143	6.474	258.9E6	1741.1E6	56.272	53.260
20)	A Methoxychlor	7.487	6.744	129.7E6	927.5E6	55.046	53.305
21)	B Endrin ke...	7.623	6.982	277.9E6	1862.6E6	56.169	51.592
22)	Mirex	8.104	7.175	174.5E6	1272.3E6	47.112m	46.089

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 19:54
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

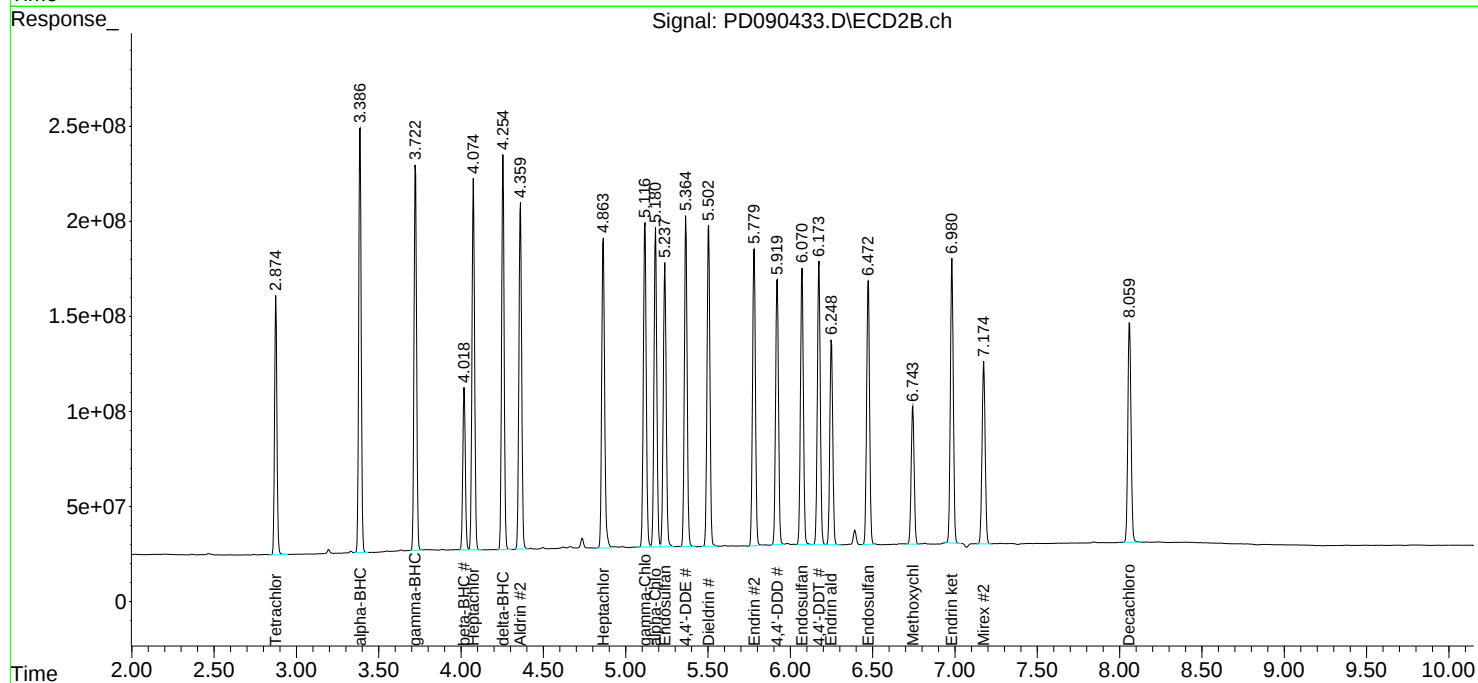
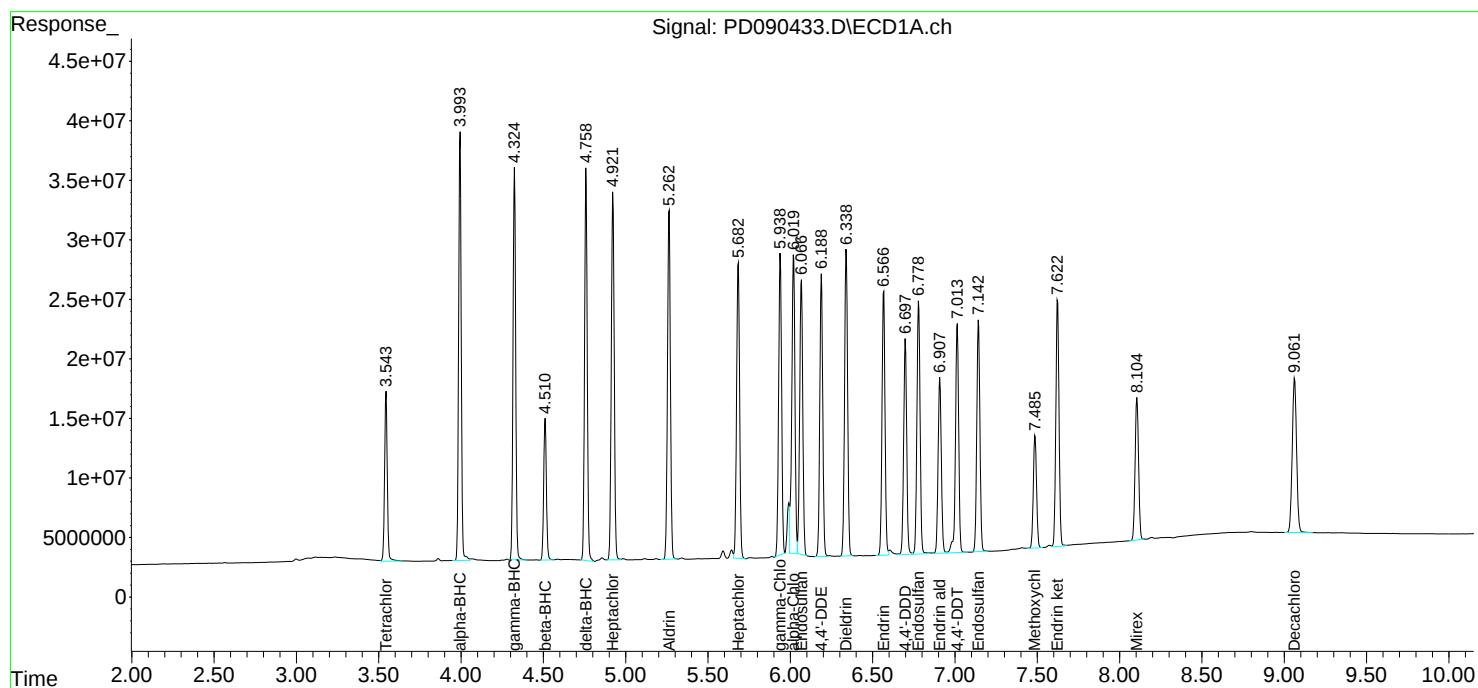
APPROVED

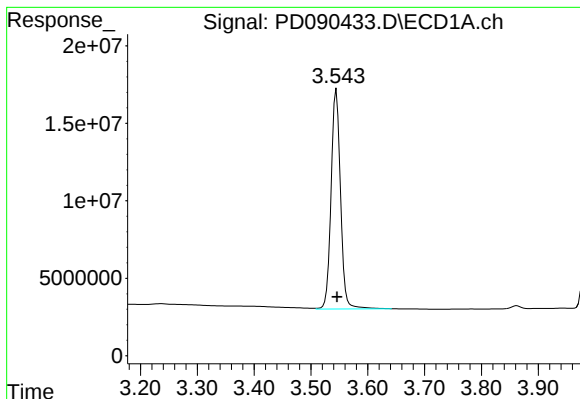
Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:33:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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.: 3.545 min
Delta R.T.: -0.001 min
Response: 163830404
Conc: 50.40 ng/ml

Instrument :

ECD_D

ClientSampleId :

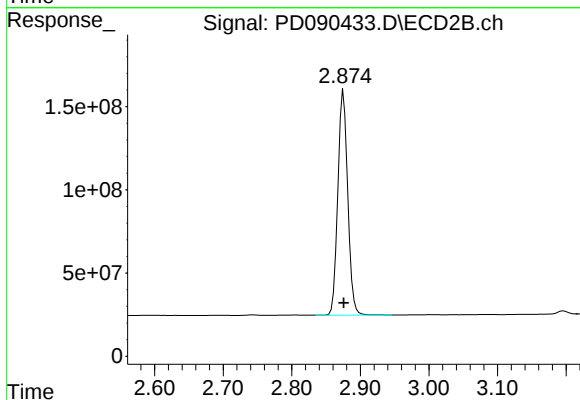
PSTDCCC050

Manual Integrations

APPROVED

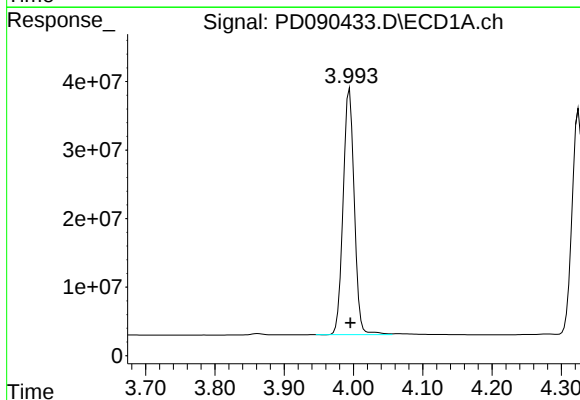
Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025



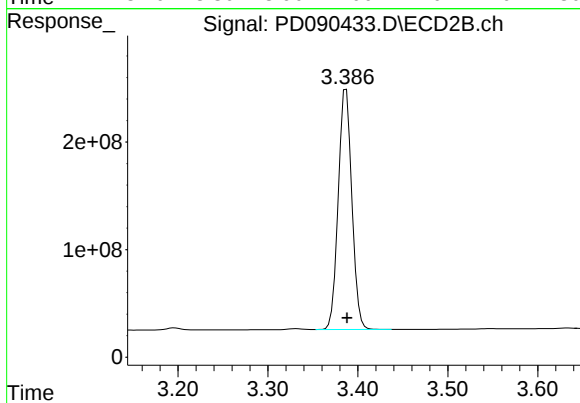
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 1357716556
Conc: 49.46 ng/ml



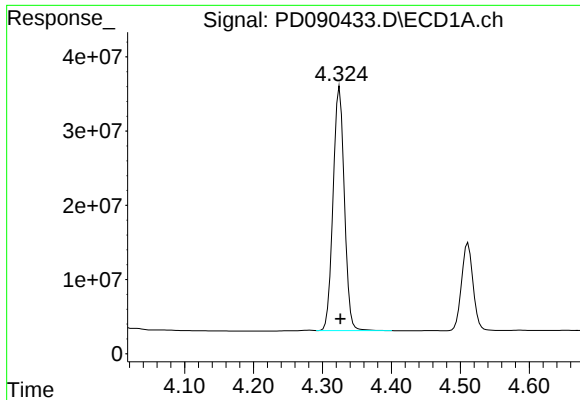
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.001 min
Response: 400716863
Conc: 57.37 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 2349608820
Conc: 53.66 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.001 min
Response: 372450659
Conc: 56.29 ng/ml

Instrument :

ECD_D

ClientSampleId :

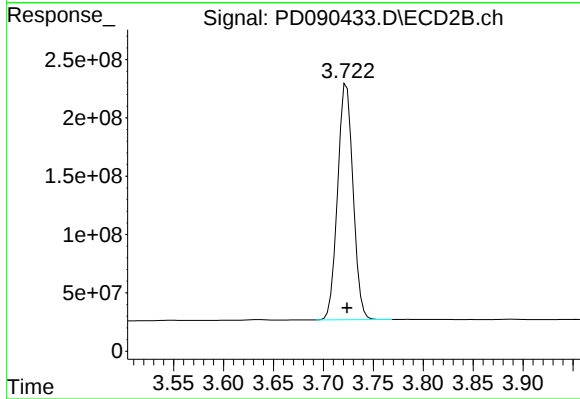
PSTDCCC050

Manual Integrations

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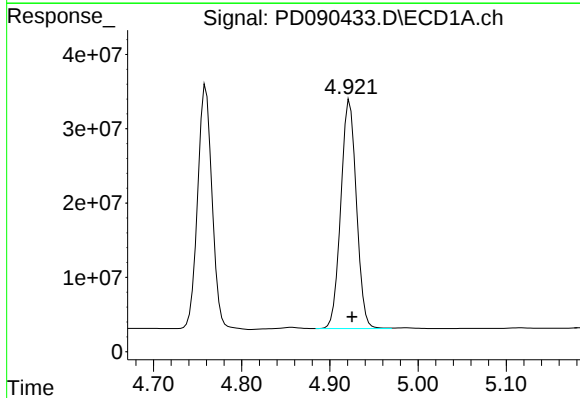
Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025



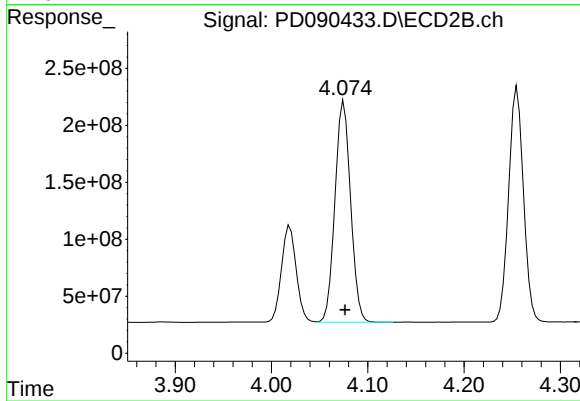
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 2176118301
Conc: 53.42 ng/ml



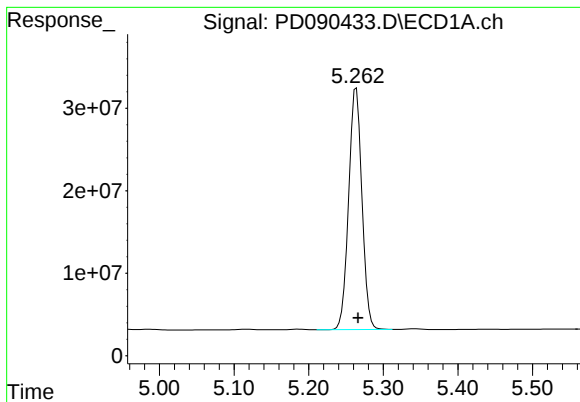
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 378198187
Conc: 57.19 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 2192385313
Conc: 53.84 ng/ml



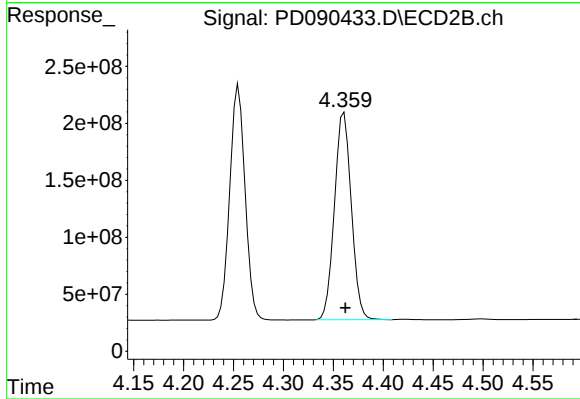
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: -0.003 min
Response: 361785105
Conc: 56.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

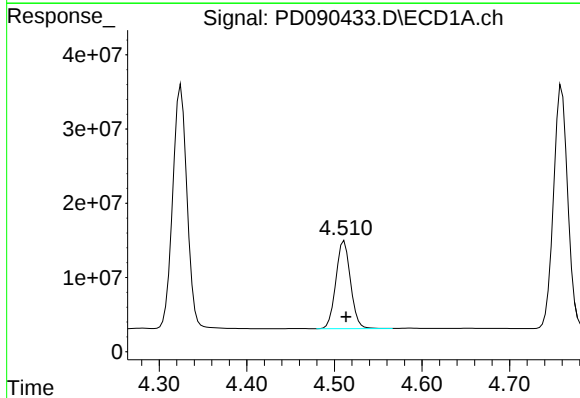
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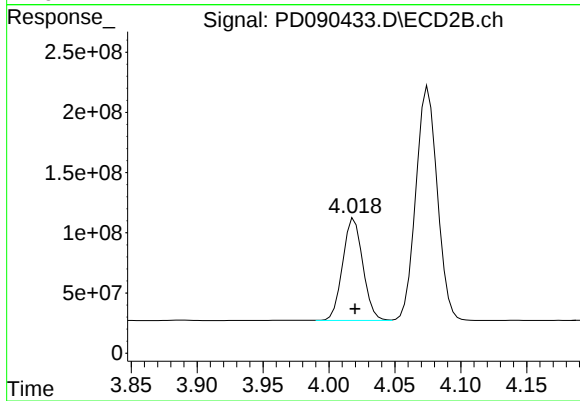
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 2139073976
Conc: 53.56 ng/ml



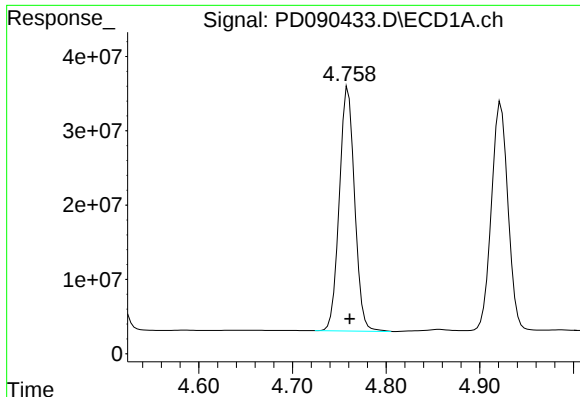
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.002 min
Response: 137440694
Conc: 53.27 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 904659810
Conc: 52.19 ng/ml



#7 delta-BHC

R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 373020129
Conc: 57.77 ng/ml

Instrument :

ECD_D

ClientSampleId :

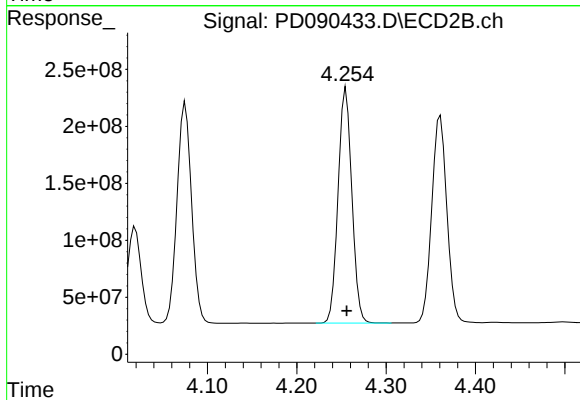
PSTDCCC050

Manual Integrations

APPROVED

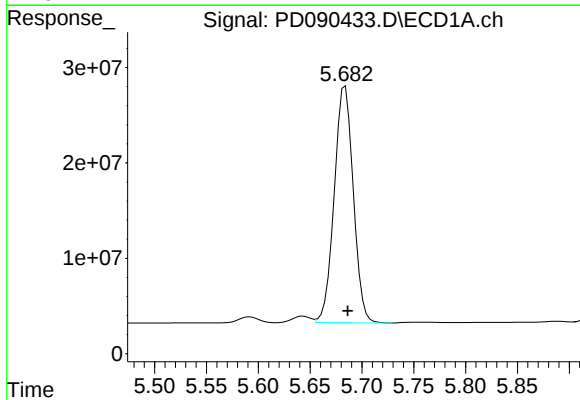
Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025



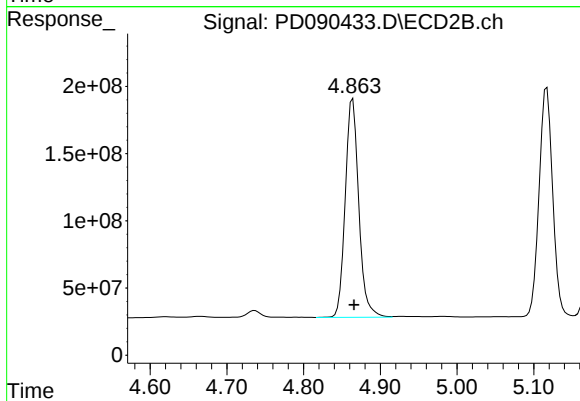
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2206913260
Conc: 53.44 ng/ml



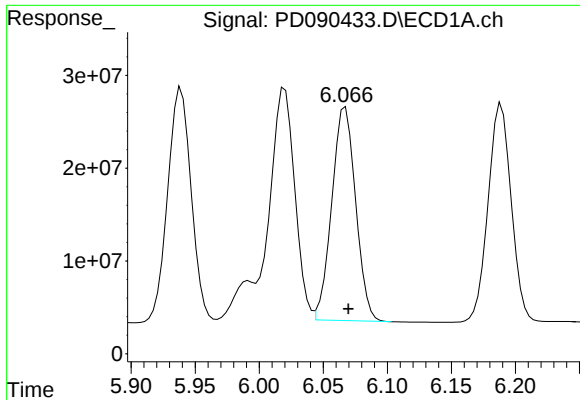
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 317216900
Conc: 55.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: -0.002 min
Response: 2003799766
Conc: 54.35 ng/ml



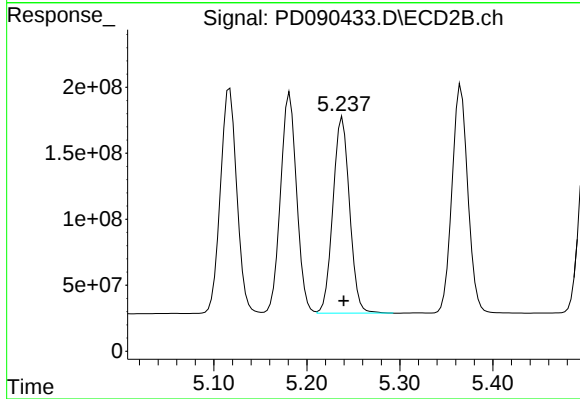
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.004 min
Response: 296185270
Conc: 54.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

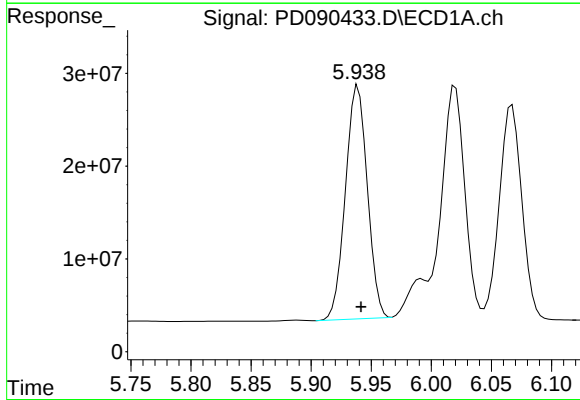
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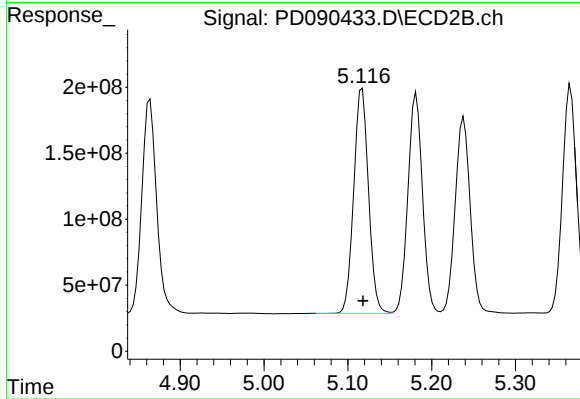
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: -0.001 min
Response: 1847963417
Conc: 53.40 ng/ml



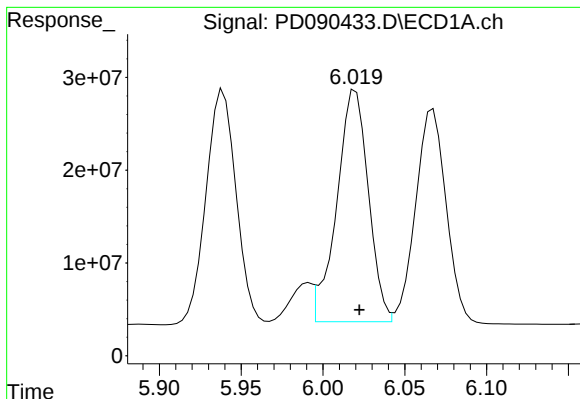
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 319468784
Conc: 55.93 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 2091455070
Conc: 53.24 ng/ml



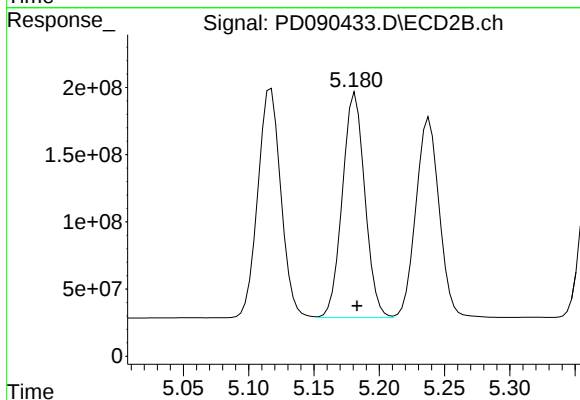
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.004 min
Response: 333818297
Conc: 57.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

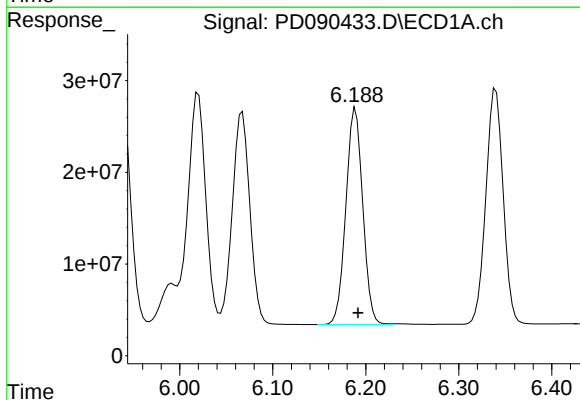
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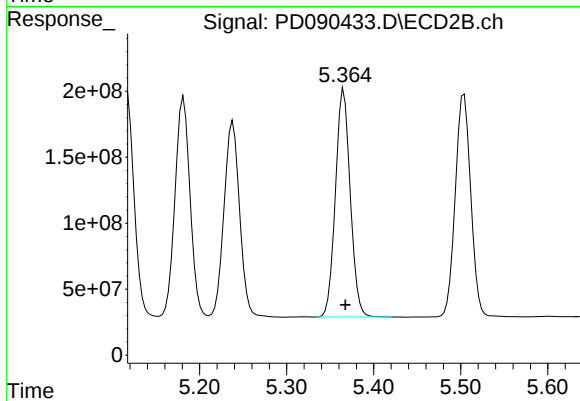
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.001 min
Response: 2005484496
Conc: 53.24 ng/ml



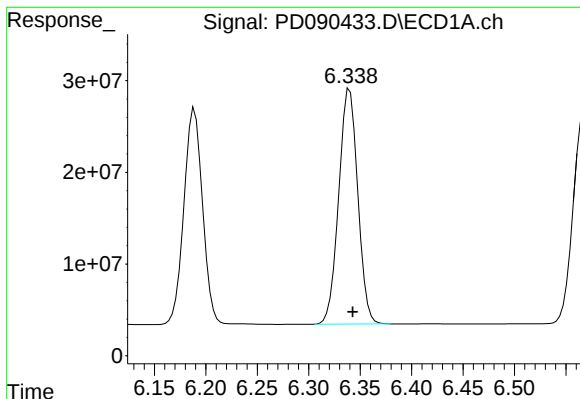
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 297353319
Conc: 57.10 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 2046025854
Conc: 53.45 ng/ml



#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.003 min
Response: 330968193
Conc: 57.41 ng/ml

Instrument :

ECD_D

ClientSampleId :

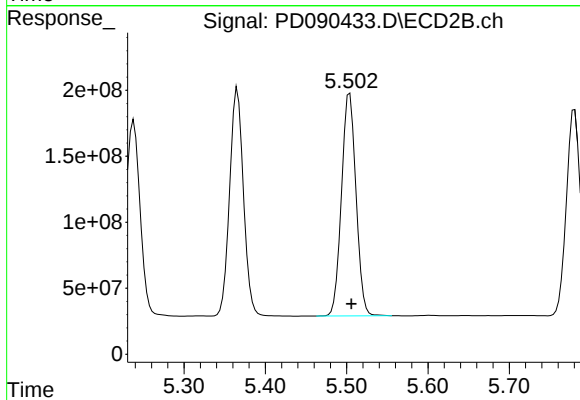
PSTDCCC050

Manual Integrations

APPROVED

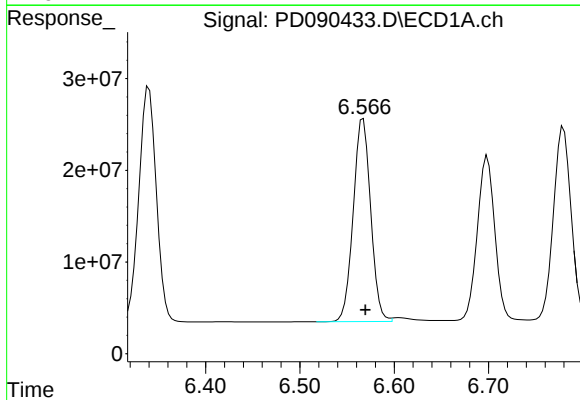
Reviewed By :Abdul Mirza 09/30/2025

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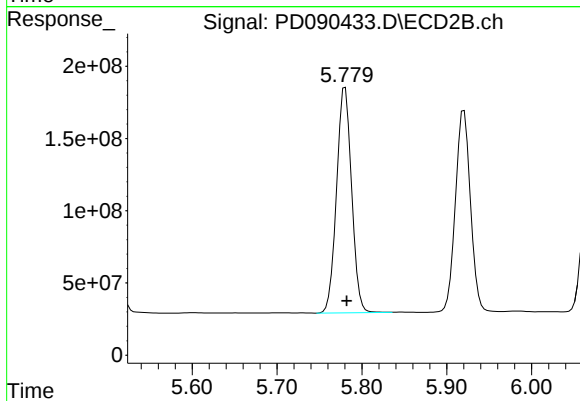
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 2084371849
Conc: 53.52 ng/ml



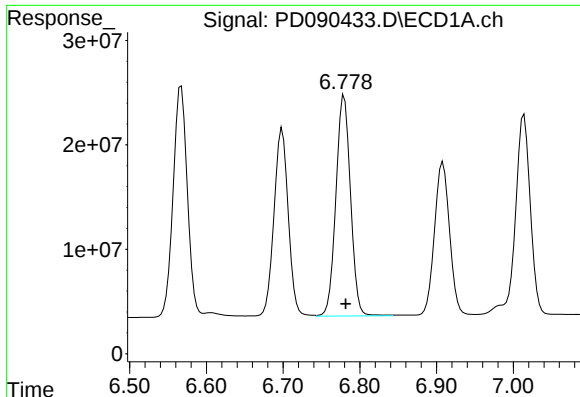
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 284653398
Conc: 58.16 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 1916997391
Conc: 53.50 ng/ml



#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 279423277
Conc: 57.28 ng/ml

Instrument :

ECD_D

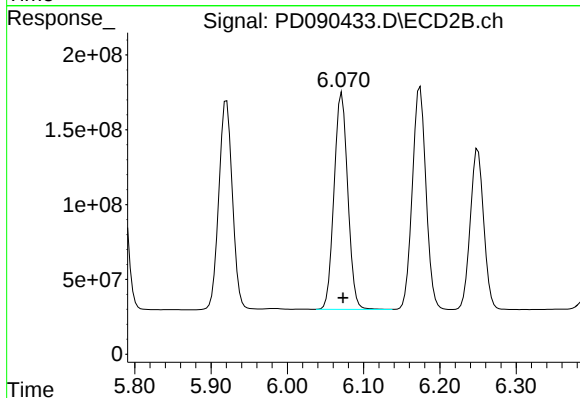
ClientSampleId :

PSTDCCC050

Manual Integrations

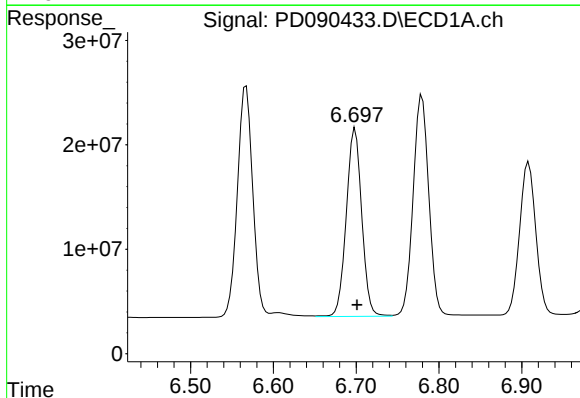
APPROVED

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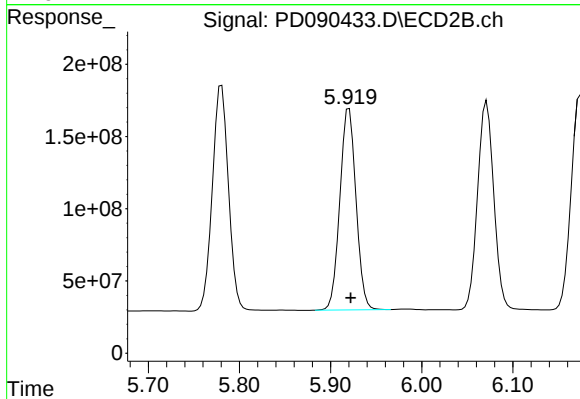
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 1799498654
Conc: 53.32 ng/ml



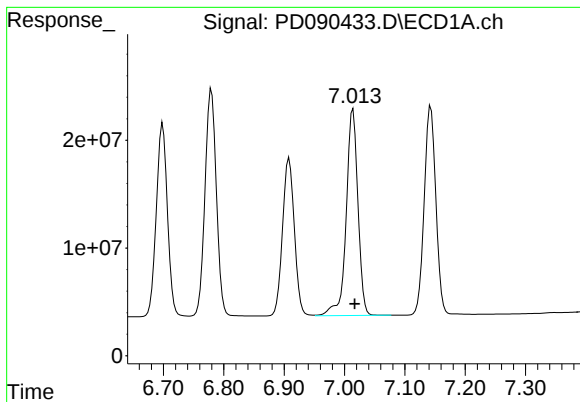
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.003 min
Response: 233619645
Conc: 57.01 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 1714466243
Conc: 52.87 ng/ml



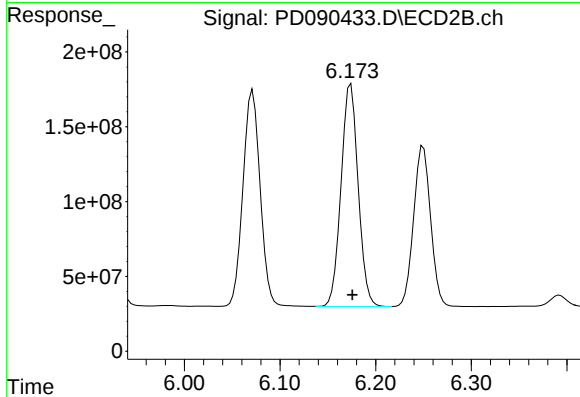
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: -0.003 min
Response: 259770622
Conc: 58.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

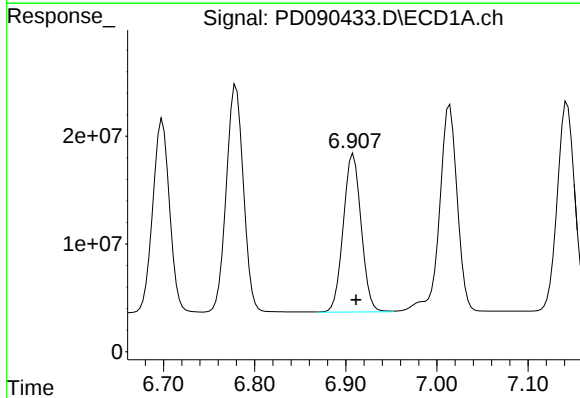
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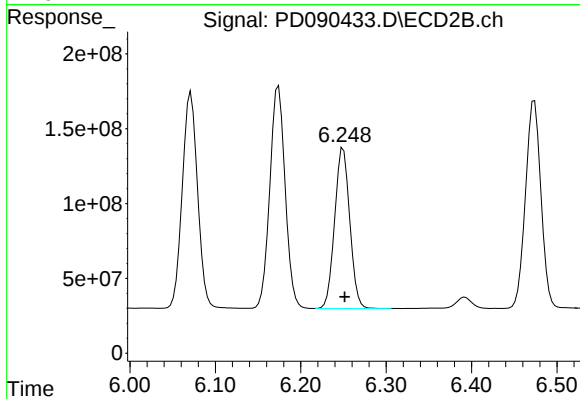
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 1854907368
Conc: 53.95 ng/ml



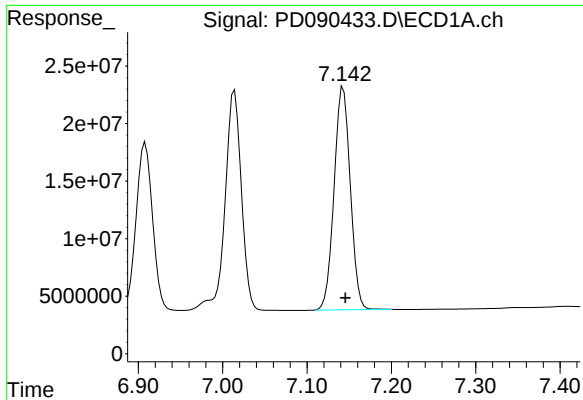
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.003 min
Response: 200805783
Conc: 58.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 1320322150
Conc: 56.07 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 258873157
Conc: 56.27 ng/ml

Instrument :

ECD_D

ClientSampleId :

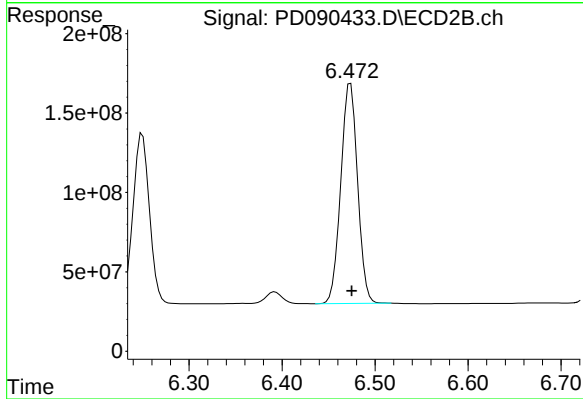
PSTDCCC050

Manual Integrations

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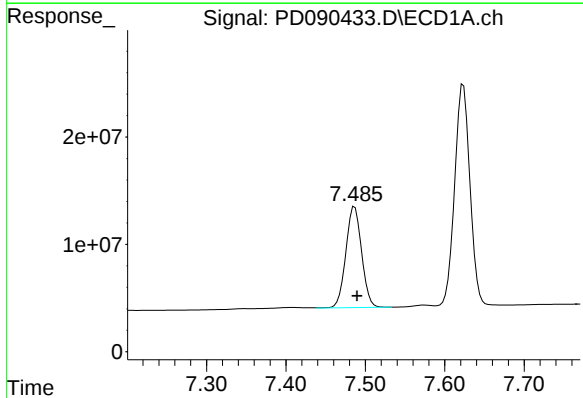
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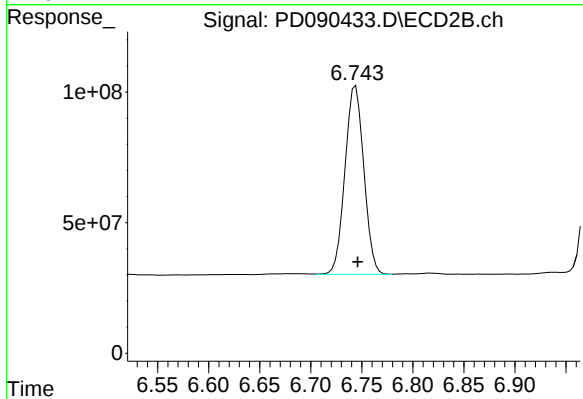
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: -0.001 min
Response: 1741080682
Conc: 53.26 ng/ml



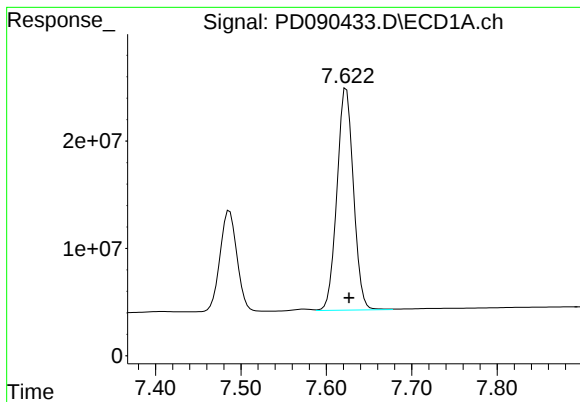
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.003 min
Response: 129716946
Conc: 55.05 ng/ml



#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 927520007
Conc: 53.30 ng/ml



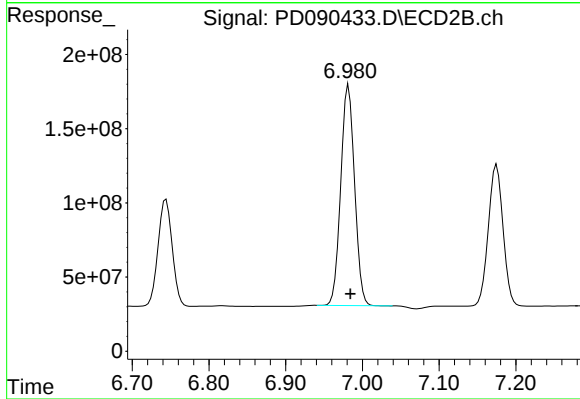
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: -0.003 min
Response: 277887492
Conc: 56.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

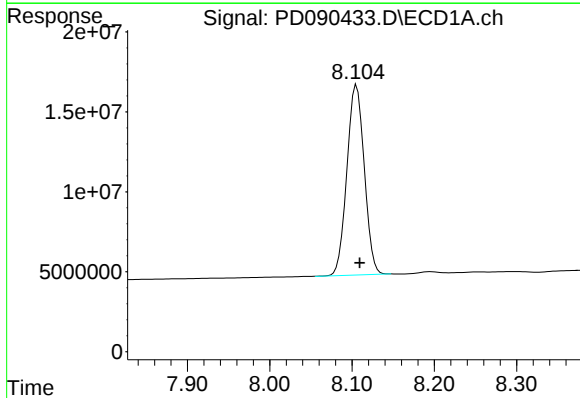
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



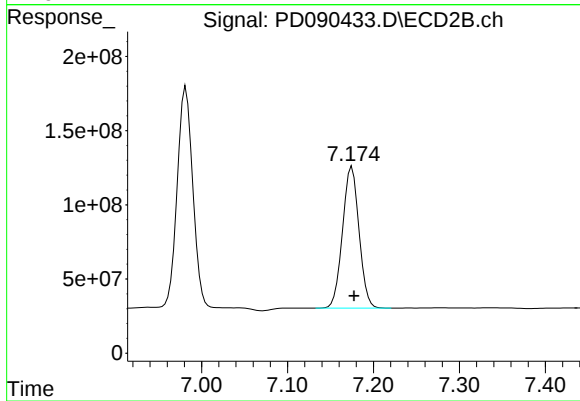
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 1862606939
Conc: 51.59 ng/ml



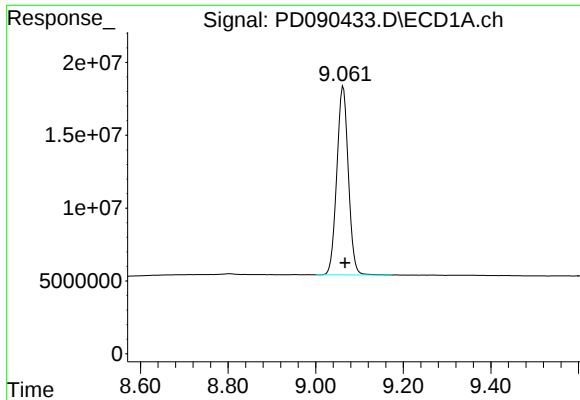
#22 Mirex

R.T.: 8.104 min
Delta R.T.: -0.005 min
Response: 174544213
Conc: 47.11 ng/ml m



#22 Mirex

R.T.: 7.175 min
Delta R.T.: -0.002 min
Response: 1272349438
Conc: 46.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.005 min
Response: 236287202
Conc: 48.97 ng/ml

Instrument :

ECD_D

ClientSampleId :

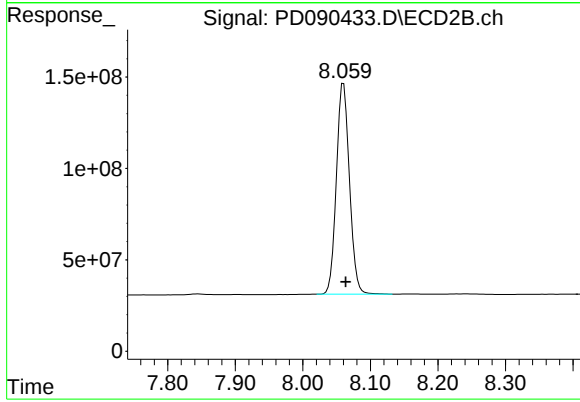
PSTDCCC050

Manual Integrations

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Supervised By :mohammad ahmed 10/01/2025



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.003 min
Response: 1557762353
Conc: 48.06 ng/ml