

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090925\
 Data File : PD090217.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2025 17:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 06:47:52 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...	3.552	2.878	149.1E6	1081.8E6	50.800	49.061
28)	SA Decachlor...	9.071	8.064	247.0E6	1507.3E6	57.232	58.231
Target Compounds							
2)	A alpha-BHC	4.002	3.389	306.2E6	1734.5E6	51.022	51.108
3)	MA gamma-BHC...	4.331	3.725	285.2E6	1593.6E6	49.809m	51.125
4)	MA Heptachlor	4.930	4.078	266.2E6	1506.4E6	47.453	48.296
5)	MB Aldrin	5.270	4.363	272.7E6	1557.4E6	50.370m	51.136
6)	B beta-BHC	4.518	4.021	110.1E6	670.6E6	49.100	50.306
7)	B delta-BHC	4.767	4.258	283.0E6	1605.6E6	54.652	50.892
8)	B Heptachlo...	5.692	4.867	240.5E6	1396.0E6	49.016	50.405
9)	A Endosulfan I	6.075	5.241	227.2E6	1236.1E6	49.223	47.138
10)	B gamma-Chl...	5.947	5.119	244.1E6	1513.1E6	49.909	51.098
11)	B alpha-Chl...	6.027	5.184	241.9E6	1444.9E6	49.149	50.631
12)	B 4,4'-DDE	6.196	5.369	227.8E6	1463.9E6	51.906	50.791
13)	MA Dieldrin	6.346	5.507	243.0E6	1502.1E6	49.643m	51.290
14)	MA Endrin	6.573	5.784	183.3E6	1285.5E6	44.236m	48.269
15)	B Endosulfa...	6.785	6.075	201.5E6	1285.7E6	47.744m	50.830
16)	A 4,4'-DDD	6.705	5.923	184.2E6	1287.4E6	53.237m	53.544
17)	MA 4,4'-DDT	7.021	6.177	154.0E6	1123.6E6	40.414m	44.820
18)	B Endrin al...	6.916	6.253	144.8E6	920.0E6	50.500	53.426
19)	B Endosulfa...	7.149	6.476	186.6E6	1223.9E6	47.631m	50.203
20)	A Methoxychlor	7.494	6.748	86562108	605.3E6	43.160	46.937
21)	B Endrin ke...	7.631	6.986	210.4E6	1416.7E6	50.767	53.169
22)	Mirex	8.113	7.178	142.2E6	1011.0E6	45.072	48.945

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090925\
Data File : PD090217.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2025 17:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

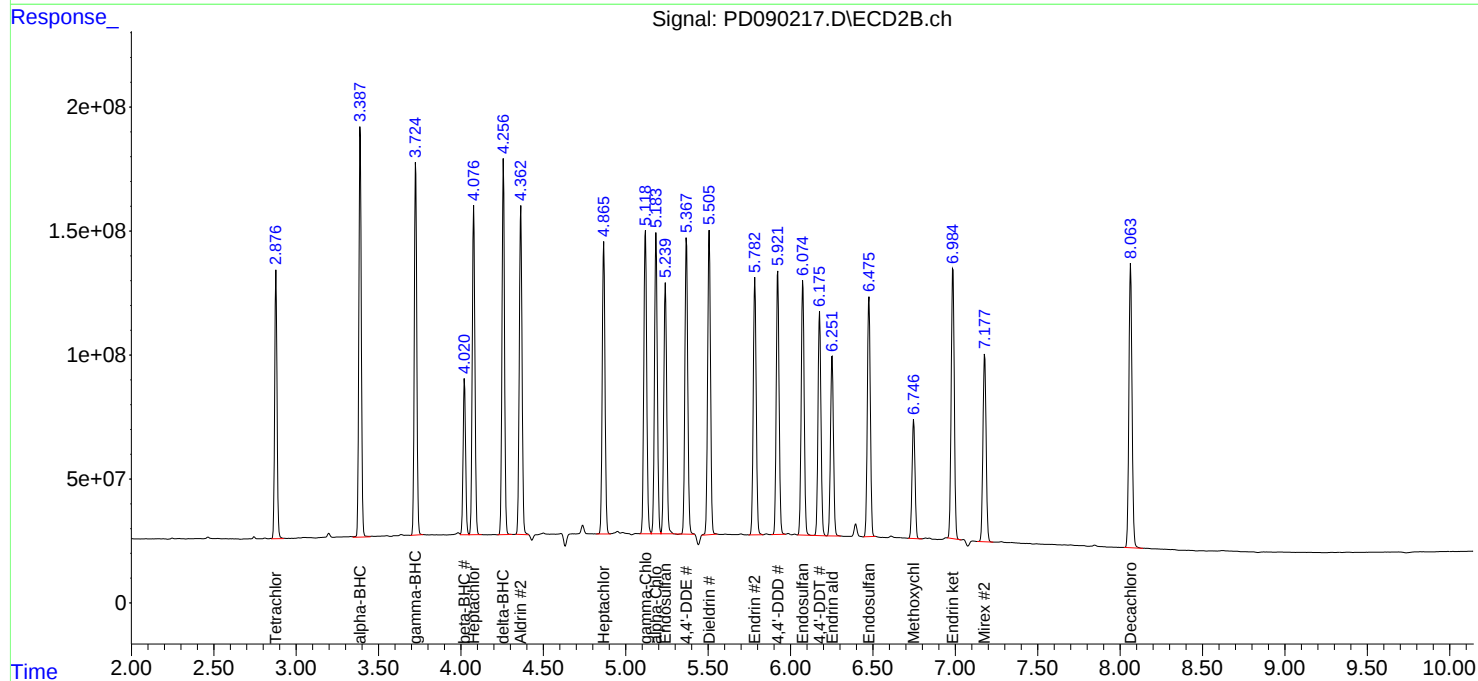
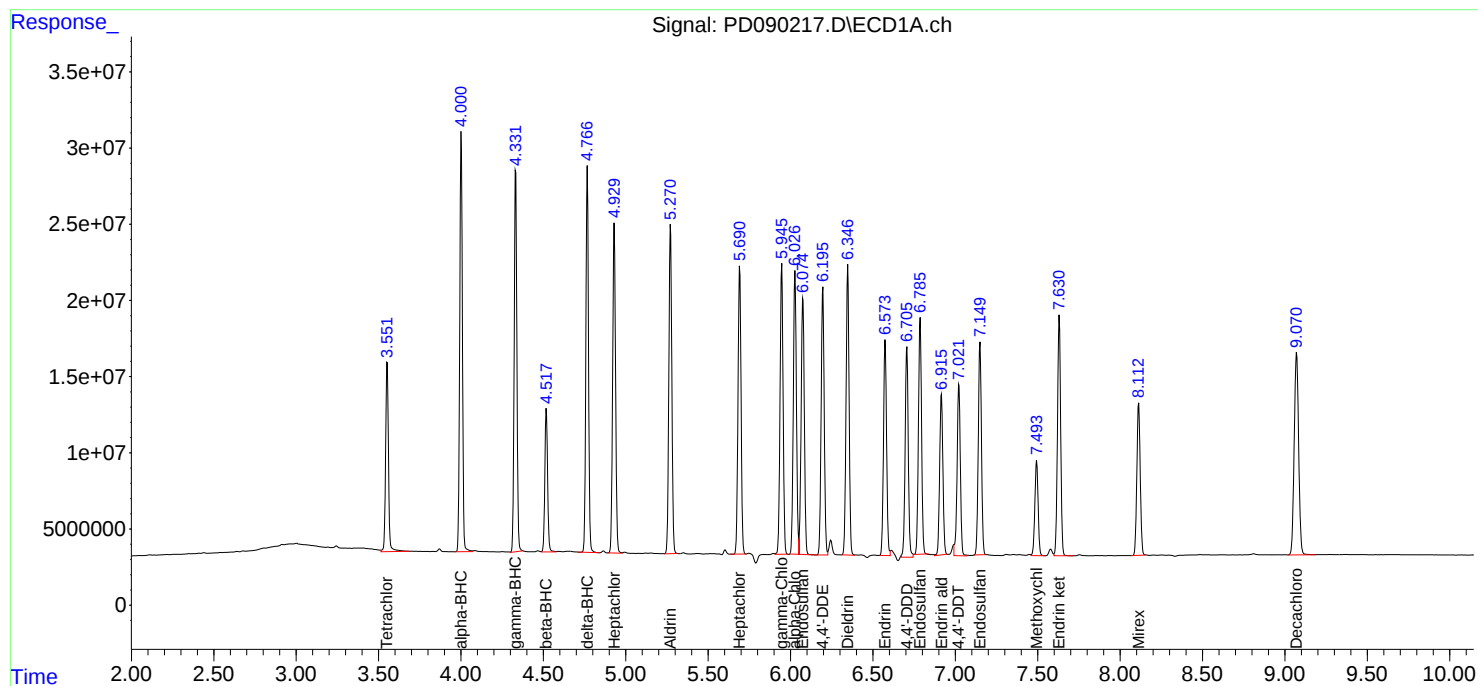
APPROVED

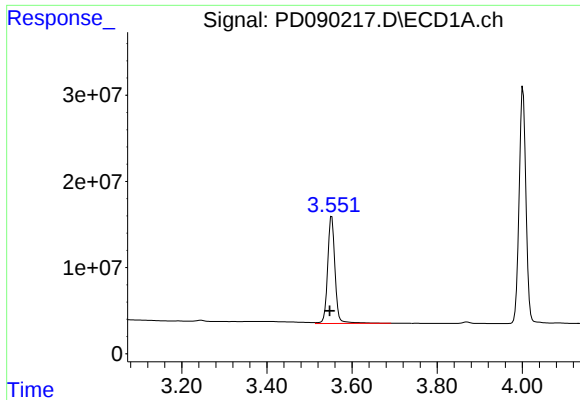
Reviewed By :Abdul Mirza 09/10/2025

Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 06:47:52 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





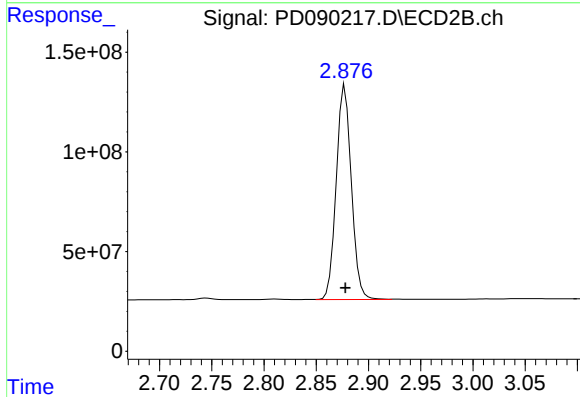
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.004 min
Response: 149089851
Conc: 50.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

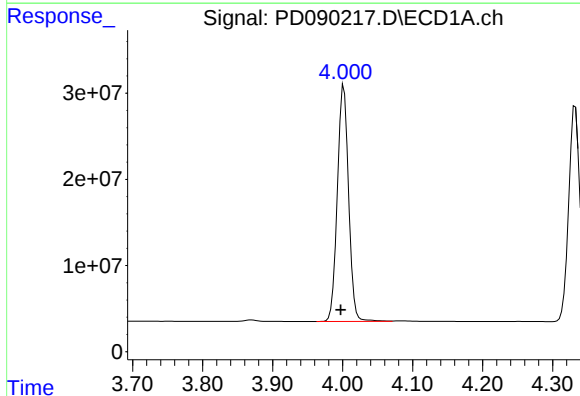
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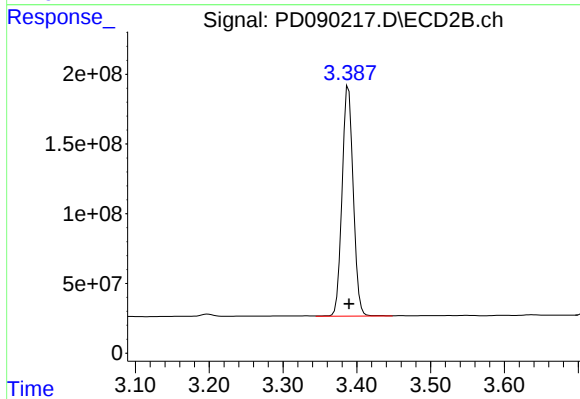
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 1081812888
Conc: 49.06 ng/ml



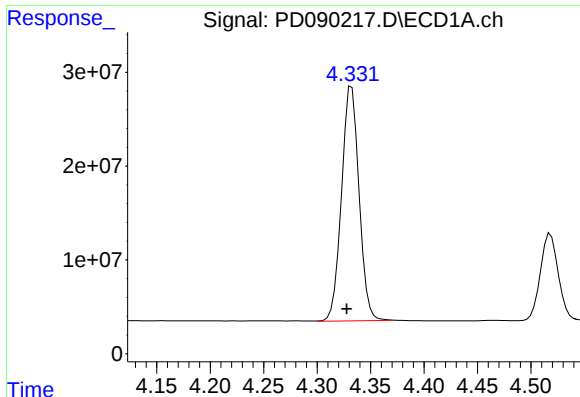
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.005 min
Response: 306245428
Conc: 51.02 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1734530857
Conc: 51.11 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.003 min
Response: 285247580
Conc: 49.81 ng/ml

Instrument :

ECD_D

ClientSampleId :

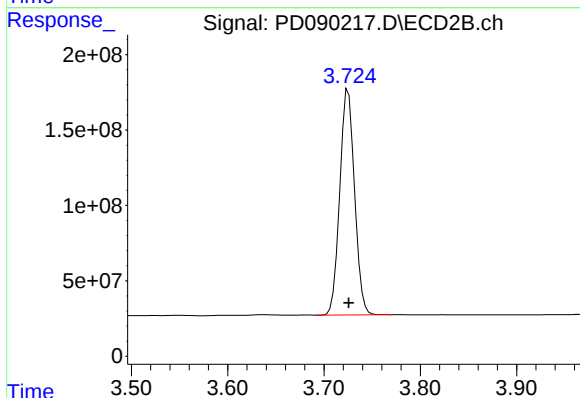
PSTDCCC050

Manual Integrations

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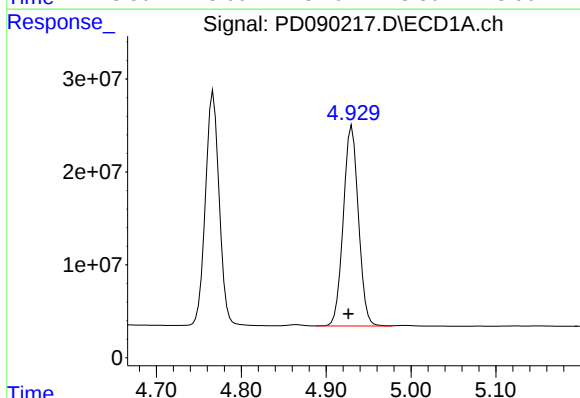
Reviewed By :Abdul Mirza 09/10/2025

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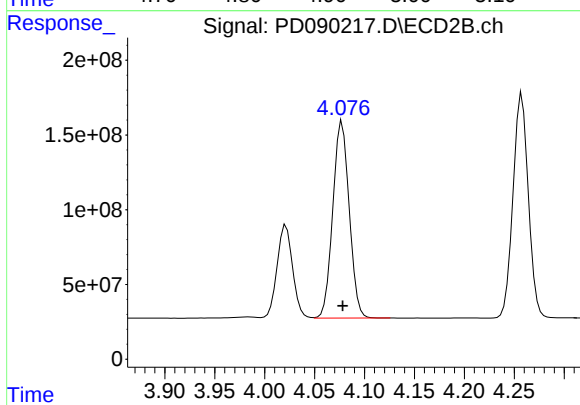
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 1593594855
Conc: 51.12 ng/ml



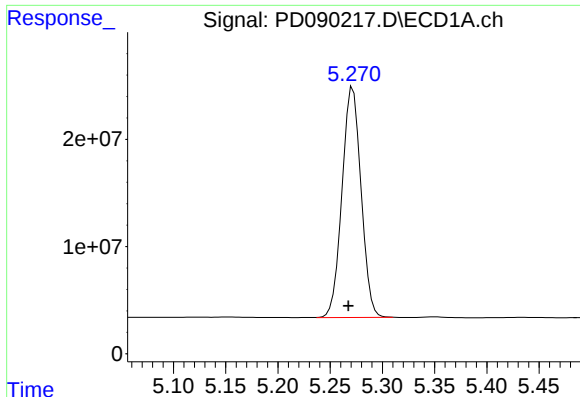
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.004 min
Response: 266173964
Conc: 47.45 ng/ml



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 1506437942
Conc: 48.30 ng/ml



#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.003 min
Response: 272728227
Conc: 50.37 ng/ml

Instrument :

ECD_D

ClientSampleId :

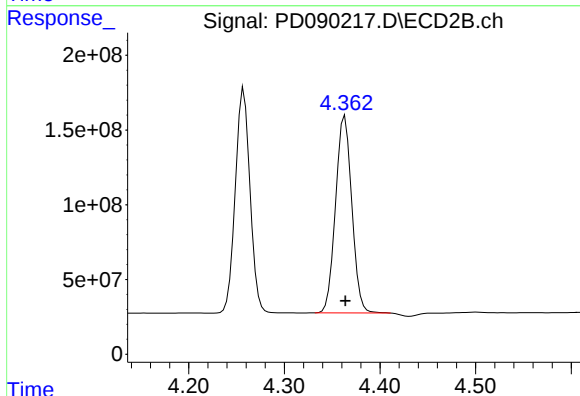
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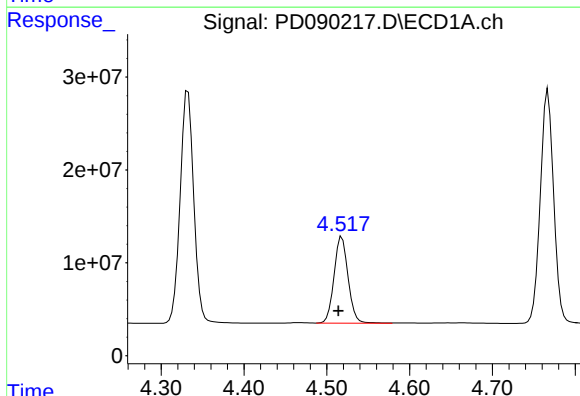
Reviewed By :Abdul Mirza 09/10/2025

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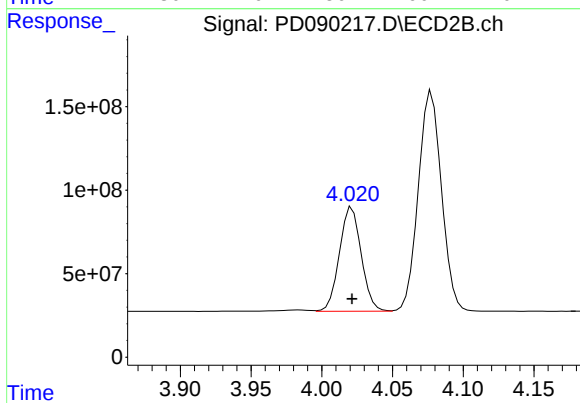
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 1557391804
Conc: 51.14 ng/ml



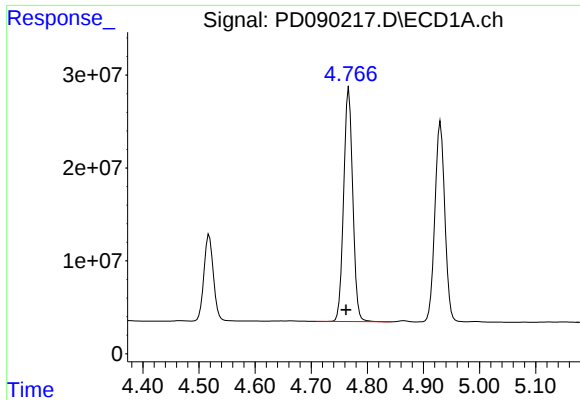
#6 beta-BHC

R.T.: 4.518 min
Delta R.T.: 0.004 min
Response: 110132326
Conc: 49.10 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 670594343
Conc: 50.31 ng/ml



#7 delta-BHC

R.T.: 4.767 min
Delta R.T.: 0.005 min
Response: 282973411
Conc: 54.65 ng/ml

Instrument :

ECD_D

ClientSampleId :

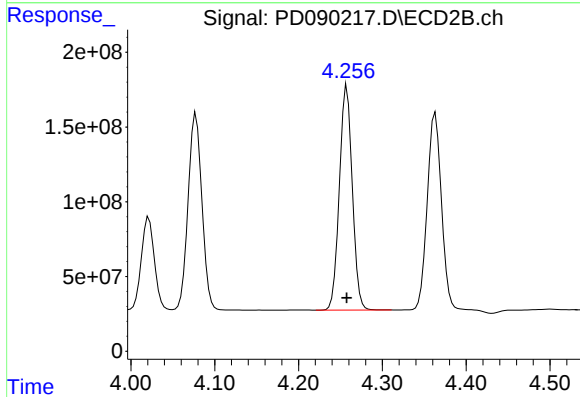
PSTDCCC050

Manual Integrations

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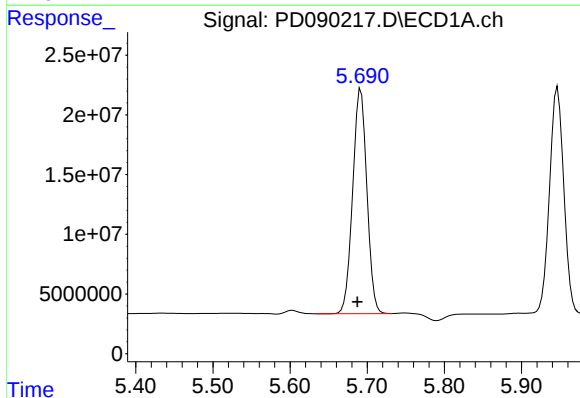
Reviewed By :Abdul Mirza 09/10/2025

Supervised By :mohammad ahmed 09/11/2025



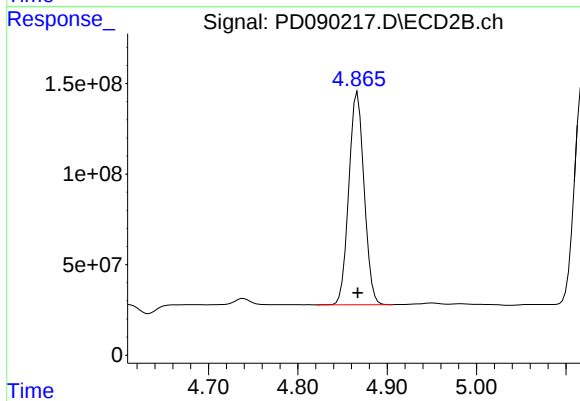
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1605641024
Conc: 50.89 ng/ml



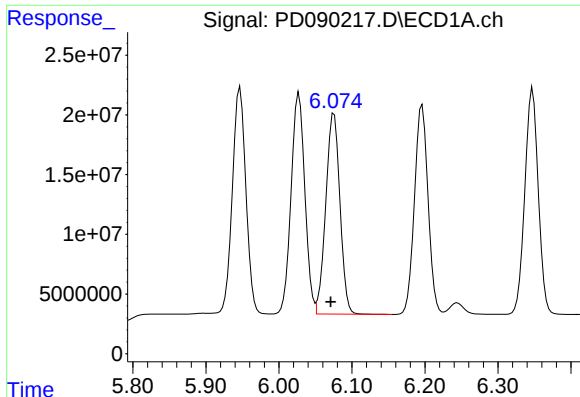
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.004 min
Response: 240510652
Conc: 49.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 1395971505
Conc: 50.41 ng/ml



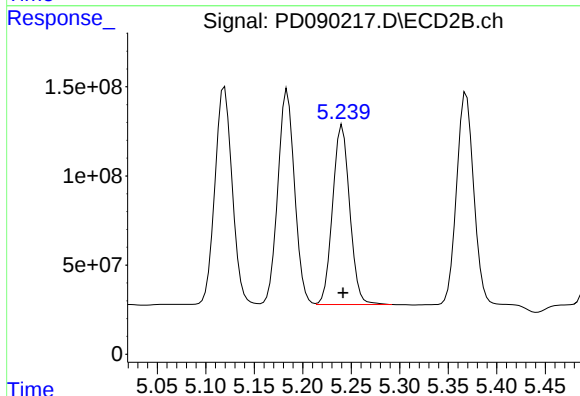
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.004 min
Response: 227158952
Conc: 49.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

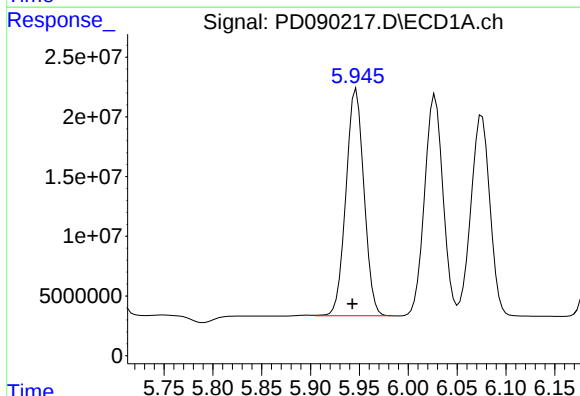
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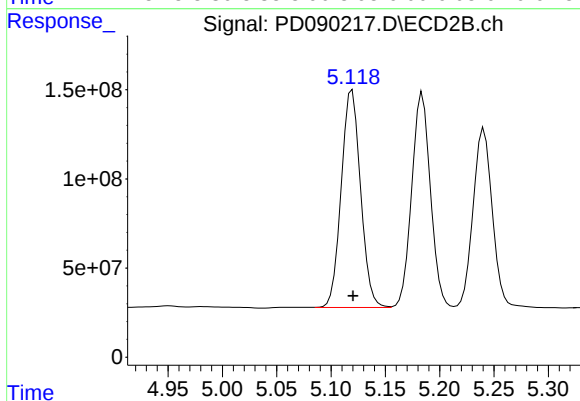
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 1236053886
Conc: 47.14 ng/ml



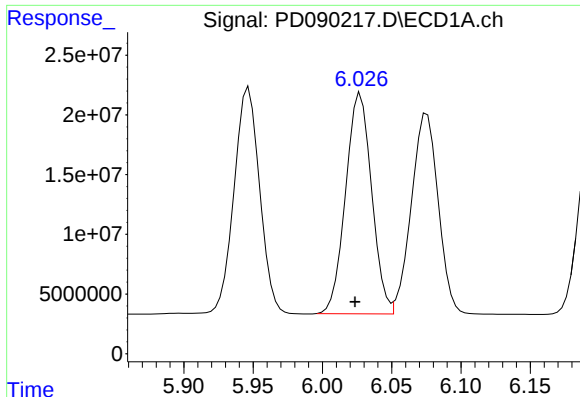
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.004 min
Response: 244104054
Conc: 49.91 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 1513087025
Conc: 51.10 ng/ml



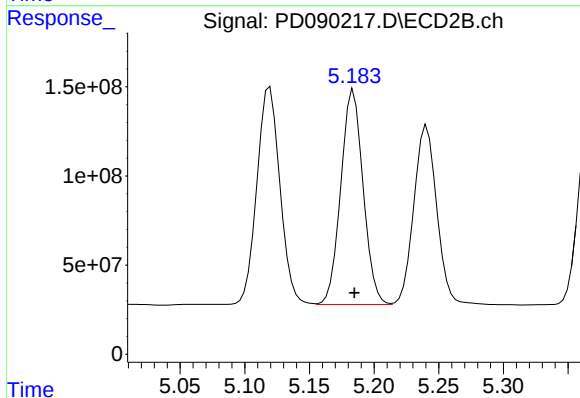
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.004 min
Response: 241932886
Conc: 49.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

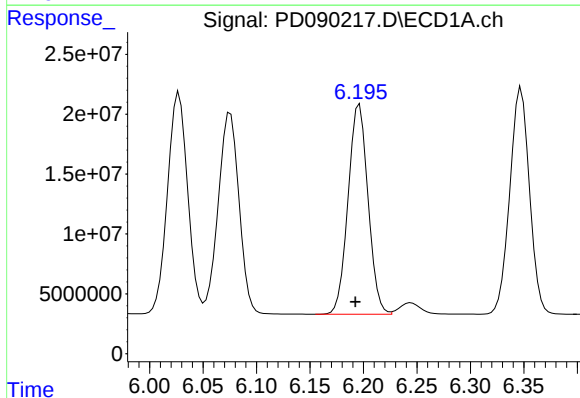
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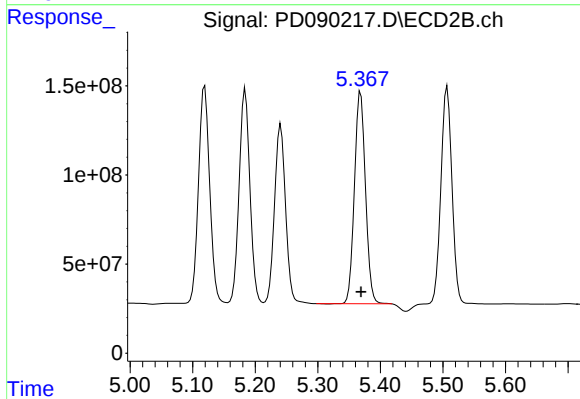
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 1444921712
Conc: 50.63 ng/ml



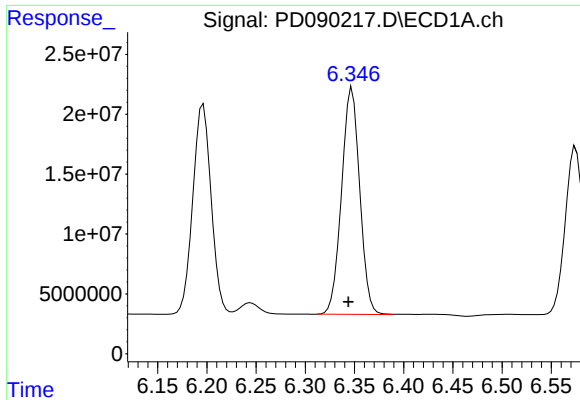
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.004 min
Response: 227780942
Conc: 51.91 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 1463924373
Conc: 50.79 ng/ml



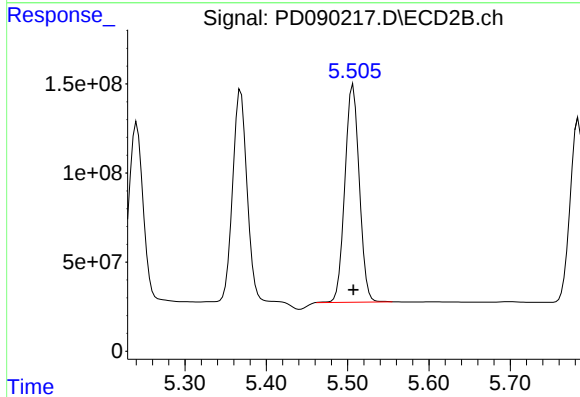
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 243039486
Conc: 49.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

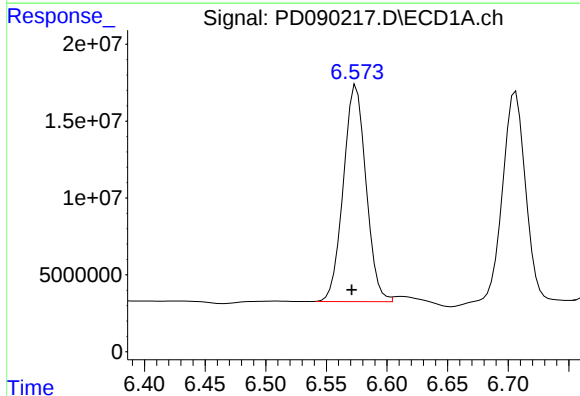
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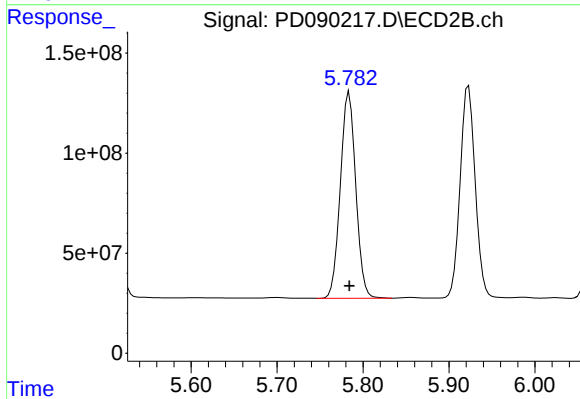
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 1502142576
Conc: 51.29 ng/ml



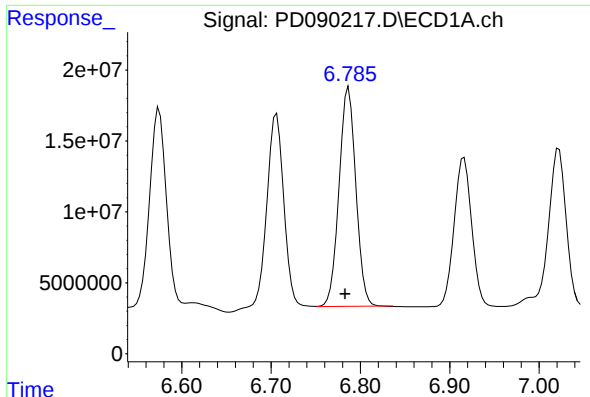
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 183294013
Conc: 44.24 ng/ml m



#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1285503931
Conc: 48.27 ng/ml



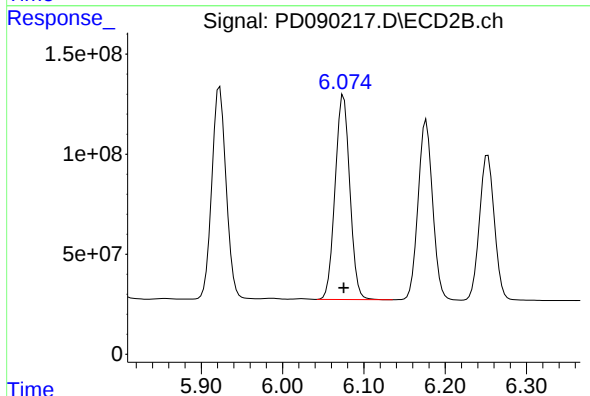
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.003 min
Response: 201464627
Conc: 47.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

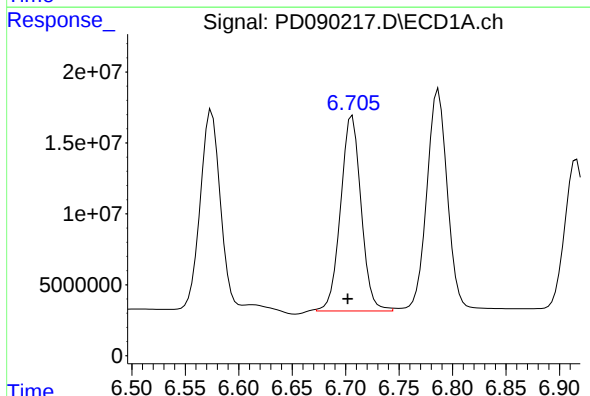
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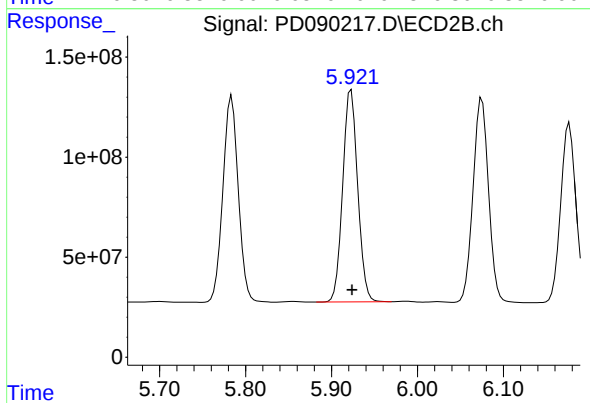
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 1285725278
Conc: 50.83 ng/ml



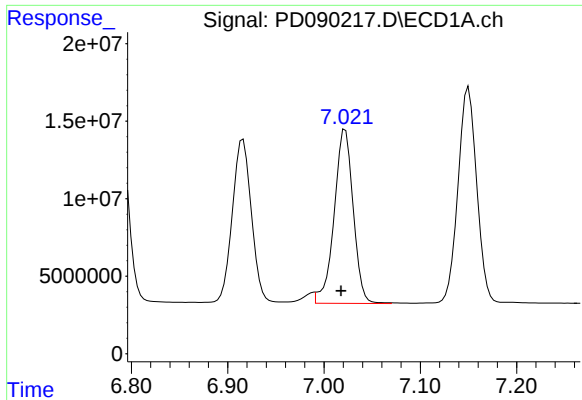
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.003 min
Response: 184152392
Conc: 53.24 ng/ml m



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.001 min
Response: 1287405822
Conc: 53.54 ng/ml



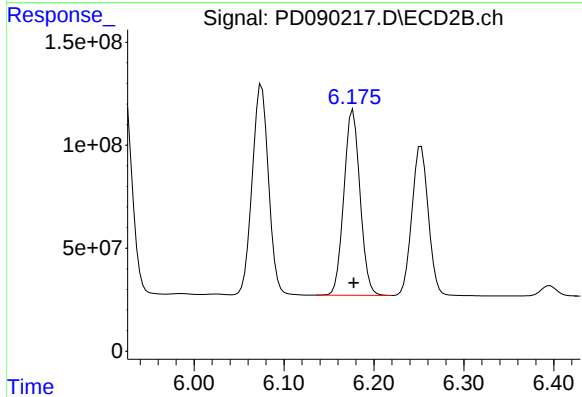
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.003 min
Response: 153967952
Conc: 40.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

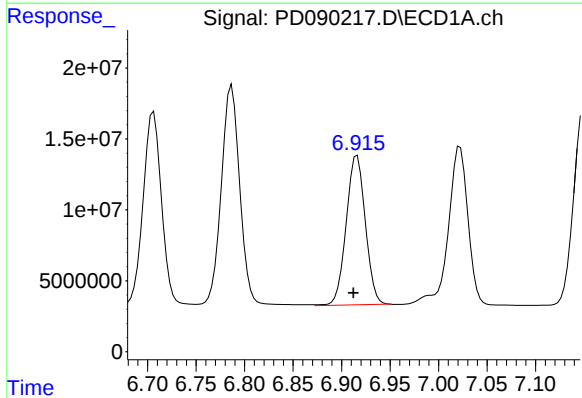
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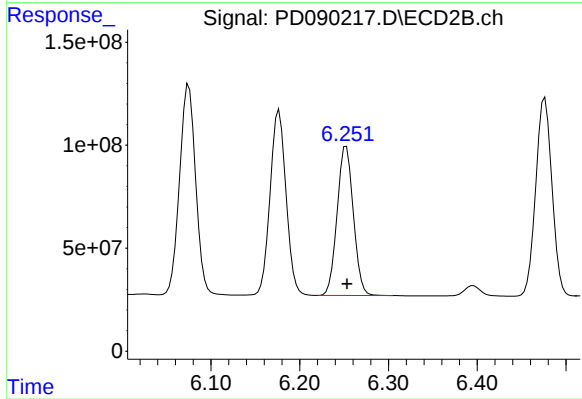
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 1123613598
Conc: 44.82 ng/ml



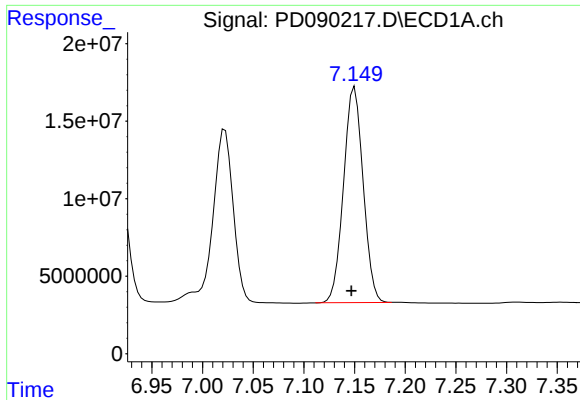
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.004 min
Response: 144790519
Conc: 50.50 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 919996570
Conc: 53.43 ng/ml



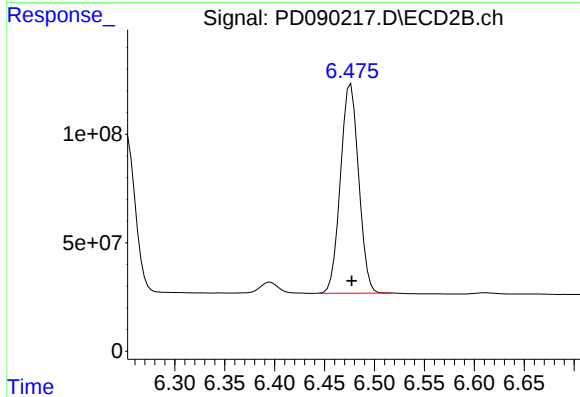
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.002 min
Response: 186643646
Conc: 47.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

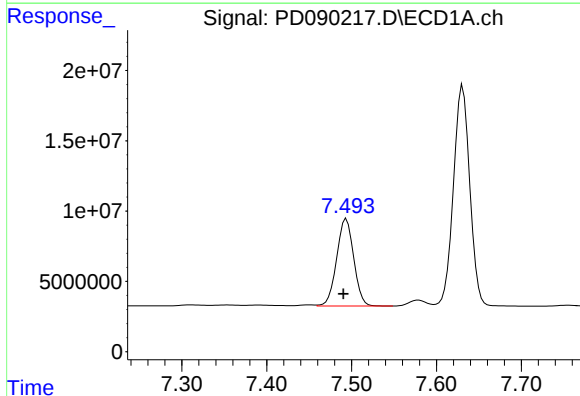
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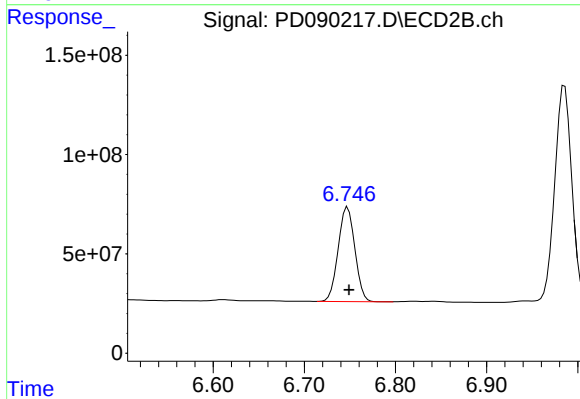
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 1223922179
Conc: 50.20 ng/ml



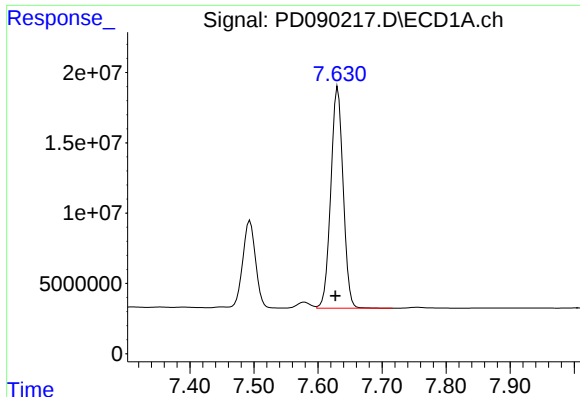
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.003 min
Response: 86562108
Conc: 43.16 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: -0.001 min
Response: 605287240
Conc: 46.94 ng/ml



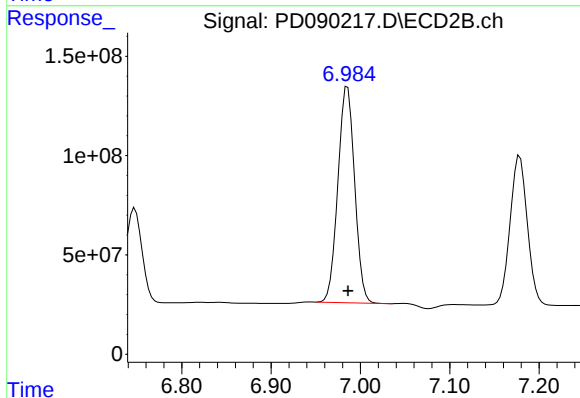
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.004 min
Response: 210406318
Conc: 50.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

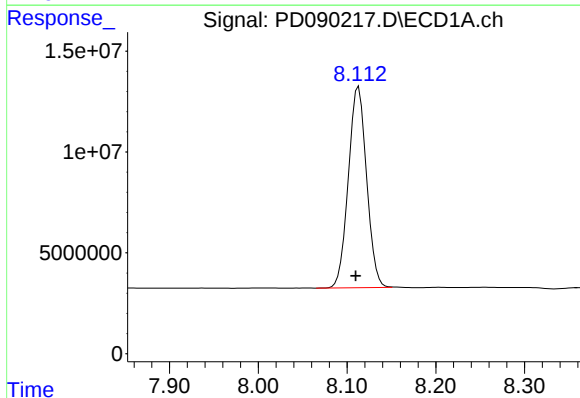
Manual Integrations
APPROVED

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



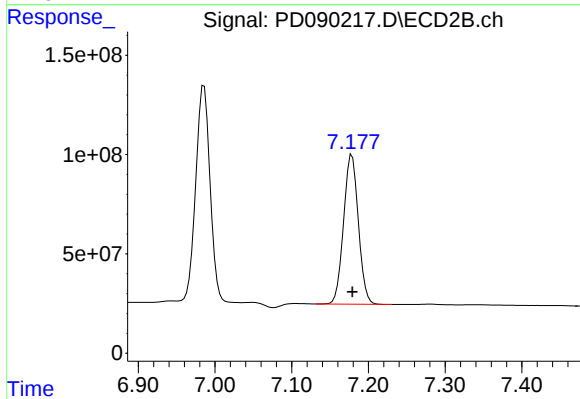
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 1416653731
Conc: 53.17 ng/ml



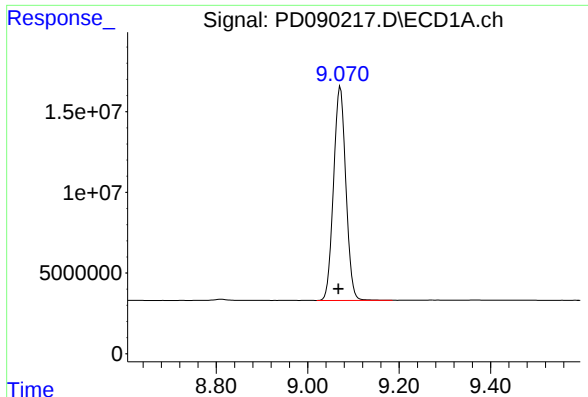
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.003 min
Response: 142179017
Conc: 45.07 ng/ml



#22 Mirex

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 1010984386
Conc: 48.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.004 min
Response: 247009787
Conc: 57.23 ng/ml

Instrument :

ECD_D

ClientSampleId :

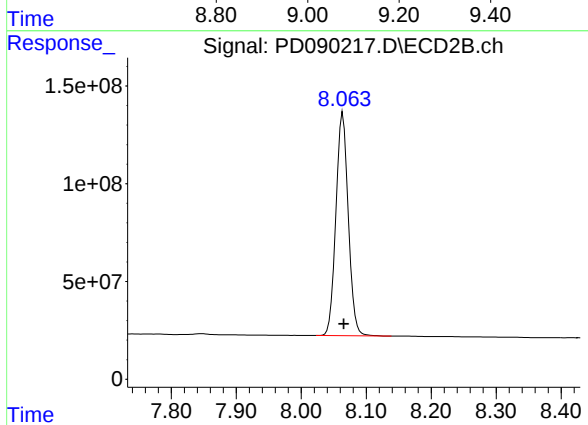
PSTDCCC050

Manual Integrations

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Supervised By :mohammad ahmed 09/11/2025



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 1507347714
Conc: 58.23 ng/ml