

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091625\
 Data File : PD090290.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2025 11:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/17/2025
 Supervised By : mohammad ahmed 09/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 02:46:57 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...	3.547	2.876	138.1E6	1132.0E6	47.068	51.335
28)	SA Decachlor...	9.067	8.063	206.3E6	1384.1E6	47.798	53.467
Target Compounds							
2)	A alpha-BHC	3.996	3.388	296.9E6	1822.0E6	49.457	53.684
3)	MA gamma-BHC...	4.325	3.724	278.7E6	1681.8E6	48.663m	53.955
4)	MA Heptachlor	4.925	4.076	279.5E6	1681.0E6	49.821	53.892
5)	MB Aldrin	5.265	4.362	265.3E6	1649.8E6	49.001m	54.170
6)	B beta-BHC	4.514	4.020	106.9E6	714.0E6	47.641	53.565
7)	B delta-BHC	4.762	4.256	277.1E6	1703.4E6	53.510	53.990
8)	B Heptachlo...	5.686	4.865	234.7E6	1487.2E6	47.828	53.700
9)	A Endosulfan I	6.070	5.240	216.8E6	1410.5E6	46.976	53.793
10)	B gamma-Chl...	5.941	5.118	235.7E6	1607.1E6	48.196	54.272
11)	B alpha-Chl...	6.021	5.183	236.6E6	1540.1E6	48.075m	53.965
12)	B 4,4'-DDE	6.192	5.367	214.6E6	1561.8E6	48.912	54.187
13)	MA Dieldrin	6.341	5.505	240.1E6	1593.9E6	49.051m	54.423
14)	MA Endrin	6.569	5.780	201.6E6	1447.1E6	48.647m	54.335m
15)	B Endosulfa...	6.782	6.073	193.9E6	1375.9E6	45.957	54.395
16)	A 4,4'-DDD	6.702	5.921	168.2E6	1314.0E6	48.621	54.650
17)	MA 4,4'-DDT	7.016	6.175	179.7E6	1411.8E6	47.173m	56.315
18)	B Endrin al...	6.911	6.251	140.2E6	971.9E6	48.895	56.441
19)	B Endosulfa...	7.144	6.475	188.3E6	1325.3E6	48.062m	54.360
20)	A Methoxychlor	7.490	6.746	97466510	701.8E6	48.597	54.422
21)	B Endrin ke...	7.626	6.984	204.7E6	1460.4E6	49.392	54.810
22)	Mirex	8.109	7.177	148.9E6	1121.0E6	47.212	54.271

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091625\
Data File : PD090290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Sep 2025 11:37
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

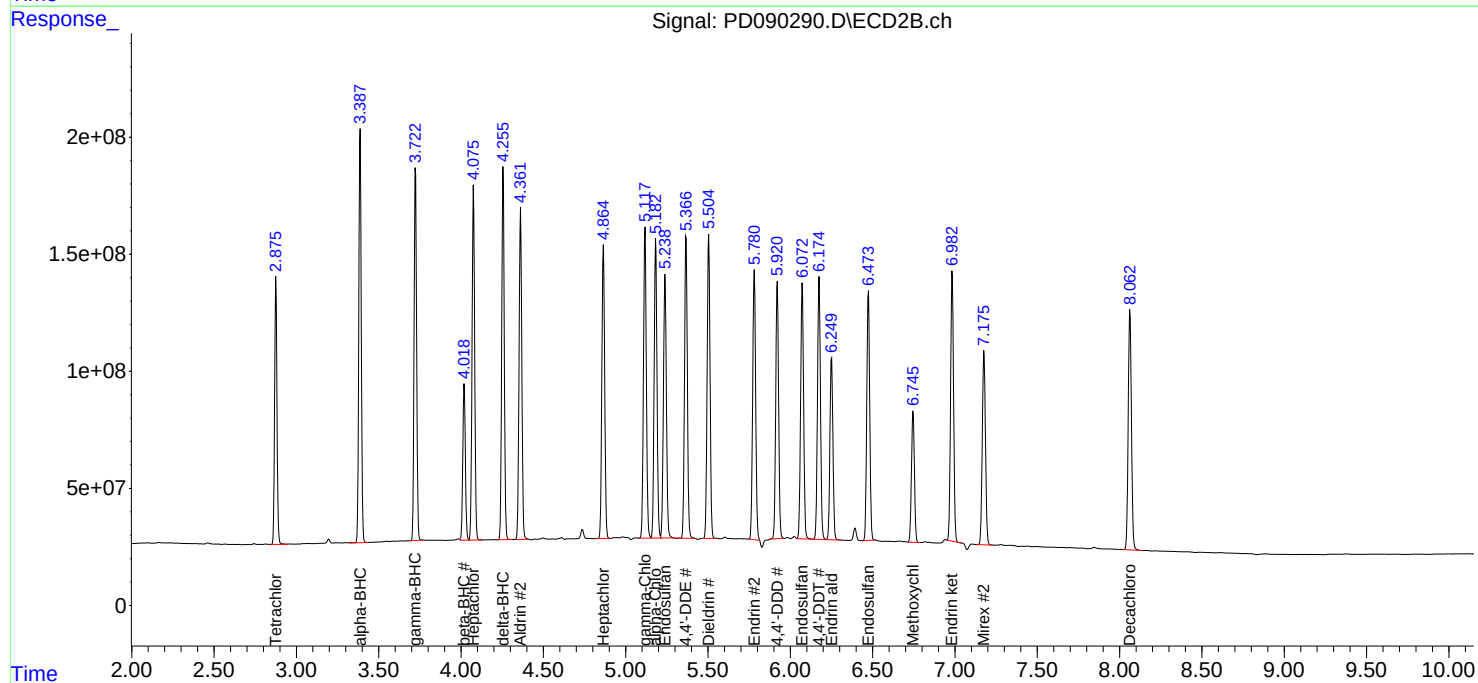
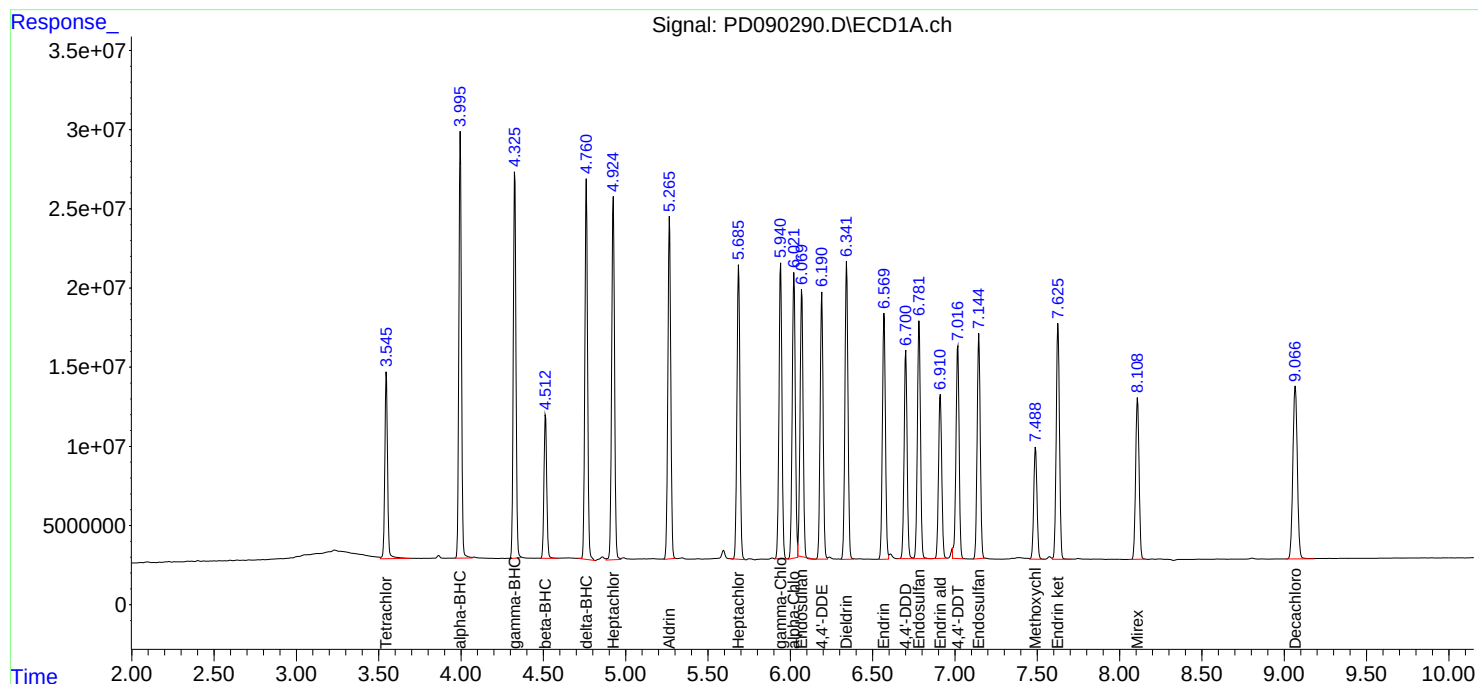
APPROVED

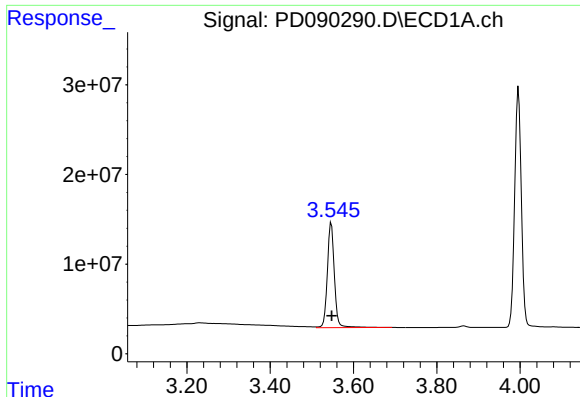
Reviewed By :Abdul Mirza 09/17/2025

Supervised By :mohammad ahmed 09/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 02:46:57 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
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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.: 3.547 min
Delta R.T.: -0.001 min
Response: 138137984
Conc: 47.07 ng/ml

Instrument :

ECD_D

ClientSampleId :

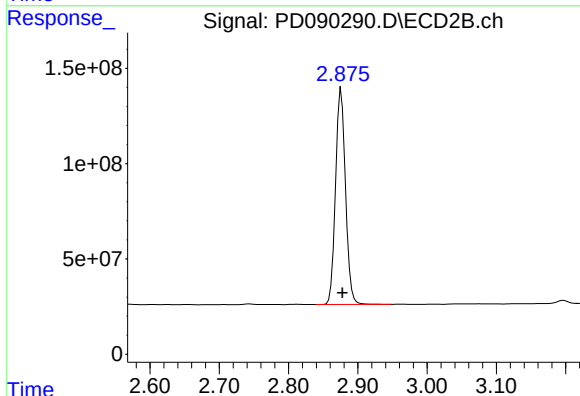
PSTDCCC050

Manual Integrations

APPROVED

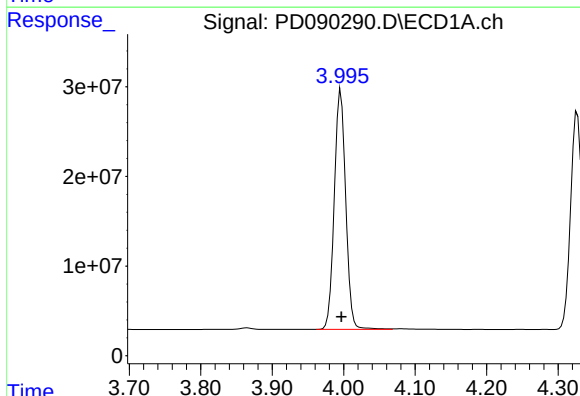
Reviewed By :Abdul Mirza 09/17/2025

Supervised By :mohammad ahmed 09/18/2025



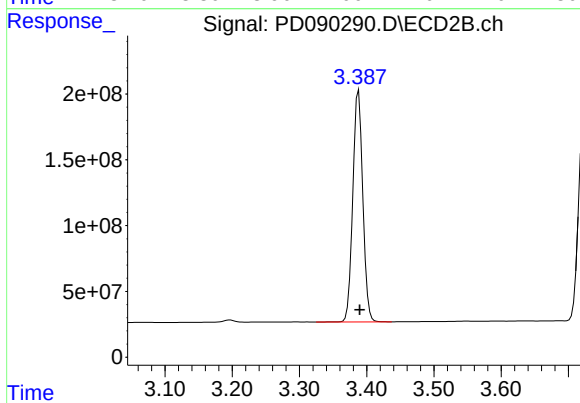
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 1131973494
Conc: 51.34 ng/ml



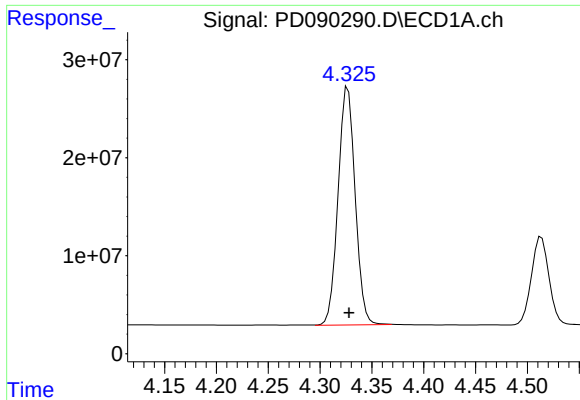
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 296851926
Conc: 49.46 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.002 min
Response: 1821979590
Conc: 53.68 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 278684383
Conc: 48.66 ng/ml

Instrument :

ECD_D

ClientSampleId :

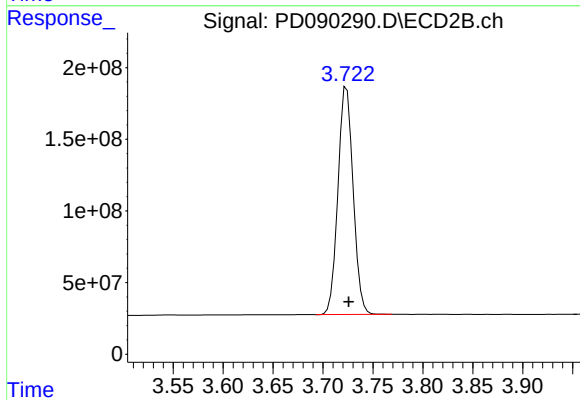
PSTDCCC050

Manual Integrations

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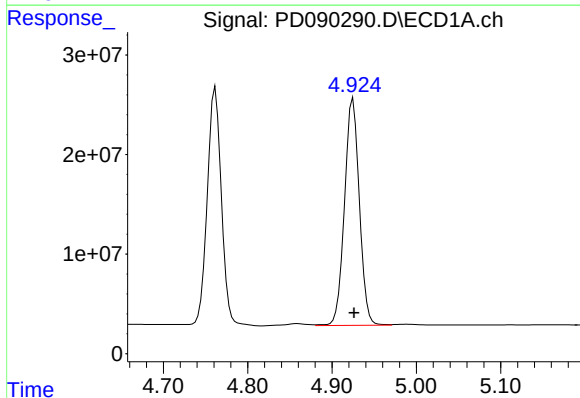
Reviewed By :Abdul Mirza 09/17/2025

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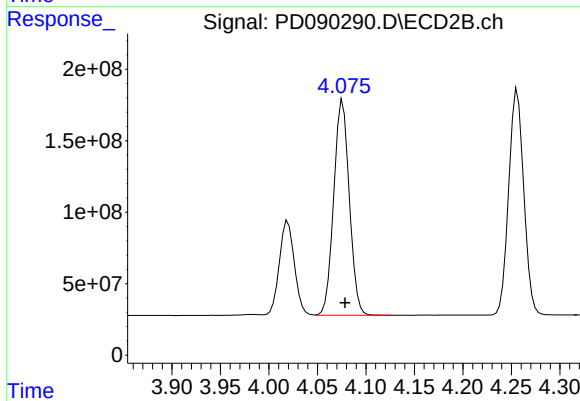
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.002 min
Response: 1681827899
Conc: 53.96 ng/ml



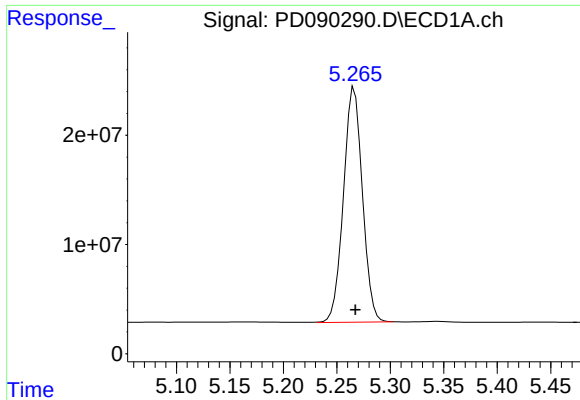
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.001 min
Response: 279452204
Conc: 49.82 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: -0.002 min
Response: 1680967450
Conc: 53.89 ng/ml



#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.003 min
Response: 265317444
Conc: 49.00 ng/ml

Instrument :

ECD_D

ClientSampleId :

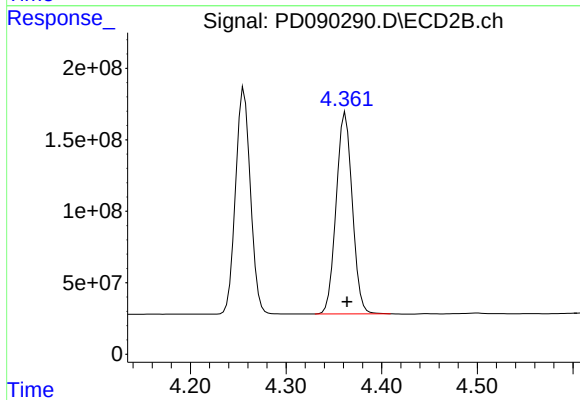
PSTDCCC050

Manual Integrations

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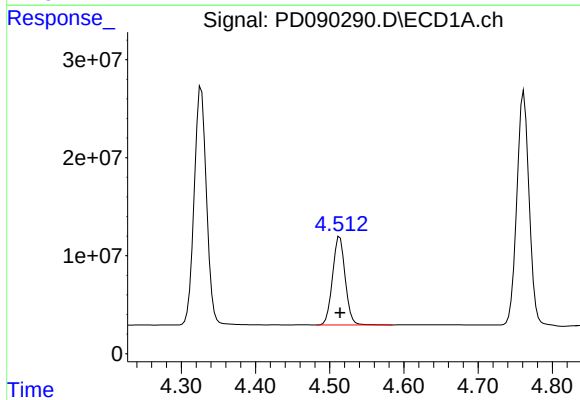
Reviewed By :Abdul Mirza 09/17/2025

Supervised By :mohammad ahmed 09/18/2025



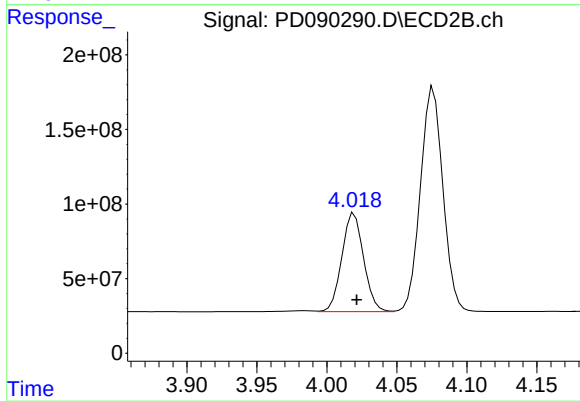
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 1649787490
Conc: 54.17 ng/ml



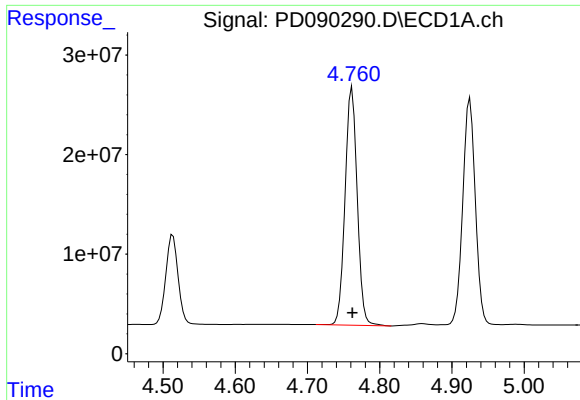
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 106860579
Conc: 47.64 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 714027707
Conc: 53.56 ng/ml



#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 277057908
Conc: 53.51 ng/ml

Instrument :

ECD_D

ClientSampleId :

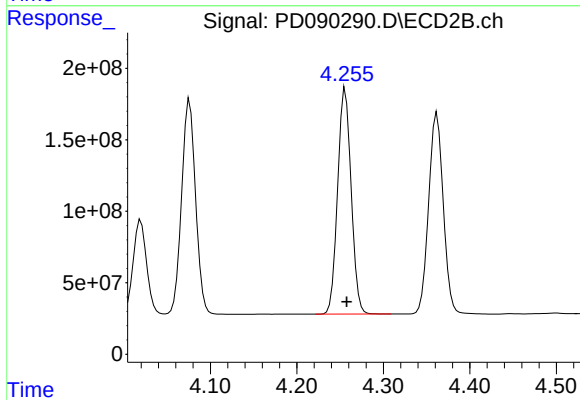
PSTDCCC050

Manual Integrations

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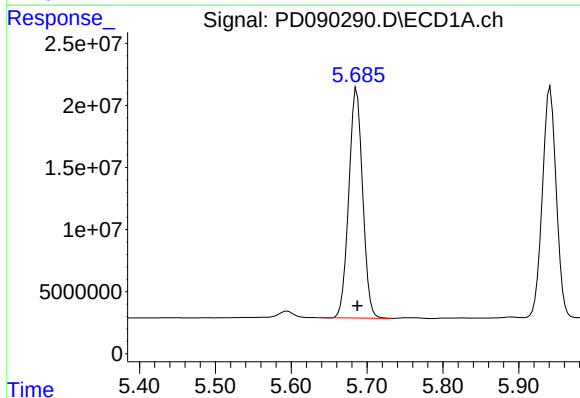
Reviewed By :Abdul Mirza 09/17/2025

Supervised By :mohammad ahmed 09/18/2025



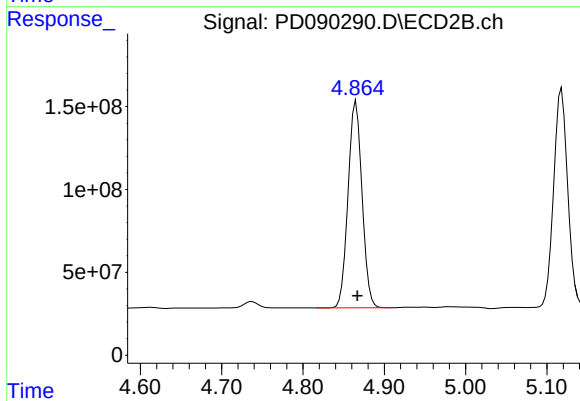
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: -0.002 min
Response: 1703359626
Conc: 53.99 ng/ml



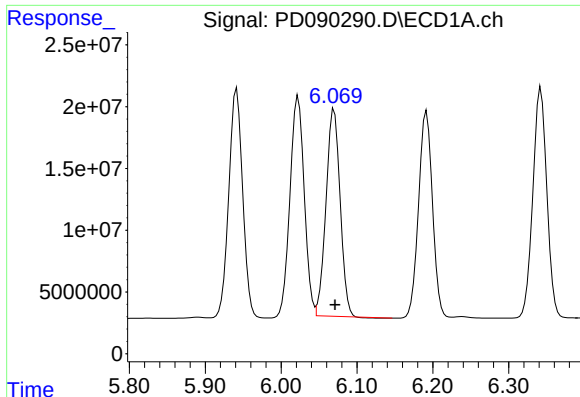
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.001 min
Response: 234680303
Conc: 47.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: -0.002 min
Response: 1487206813
Conc: 53.70 ng/ml



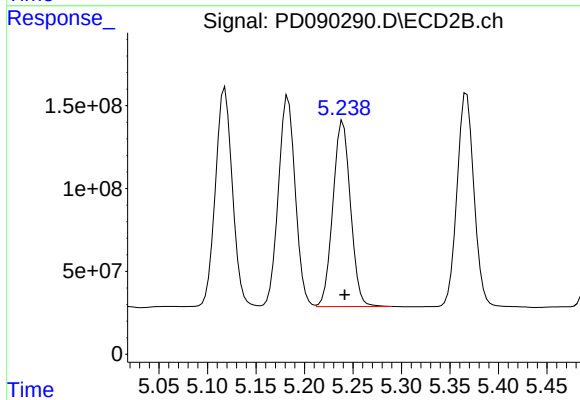
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: -0.001 min
Response: 216790623
Conc: 46.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

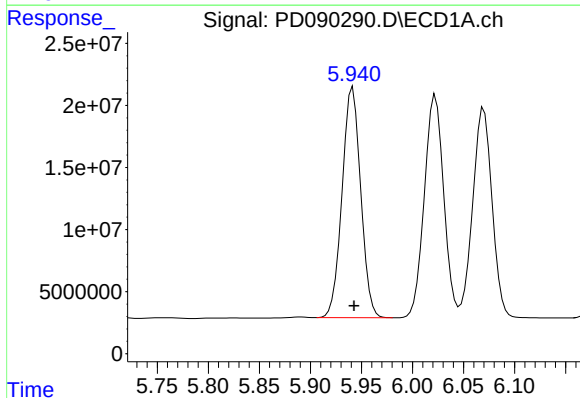
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/17/2025
Supervised By :mohammad ahmed 09/18/2025



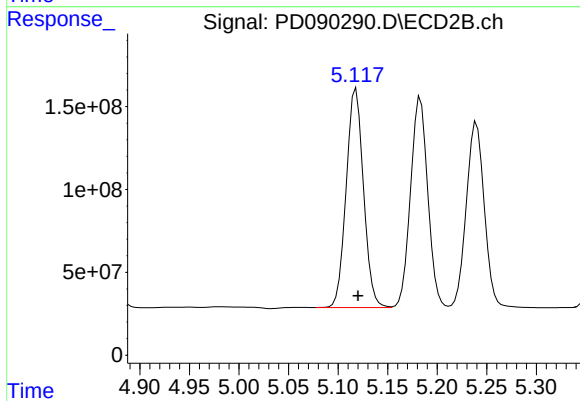
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 1410549270
Conc: 53.79 ng/ml



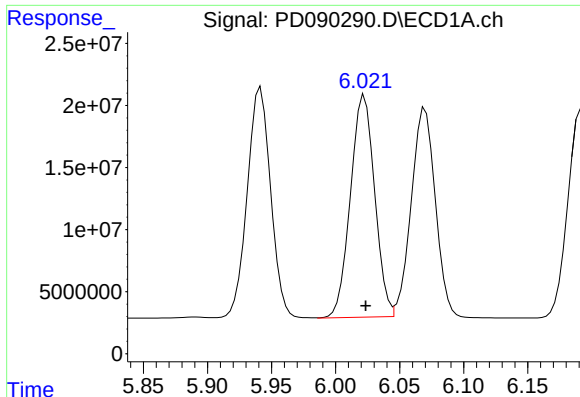
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.001 min
Response: 235726966
Conc: 48.20 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 1607052570
Conc: 54.27 ng/ml



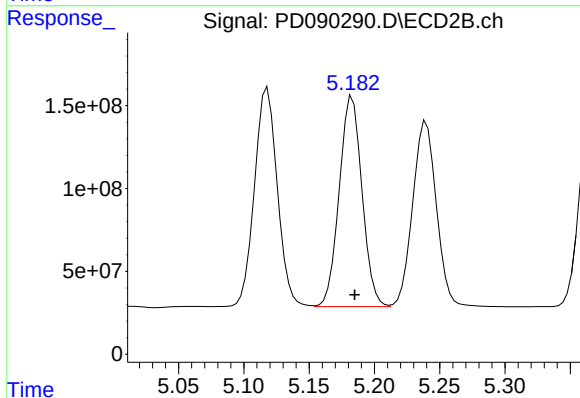
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.003 min
Response: 236646393
Conc: 48.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

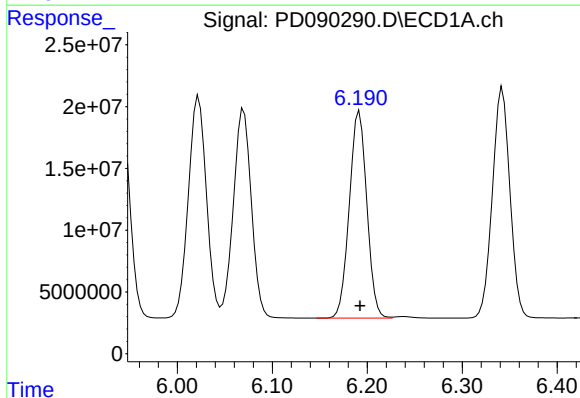
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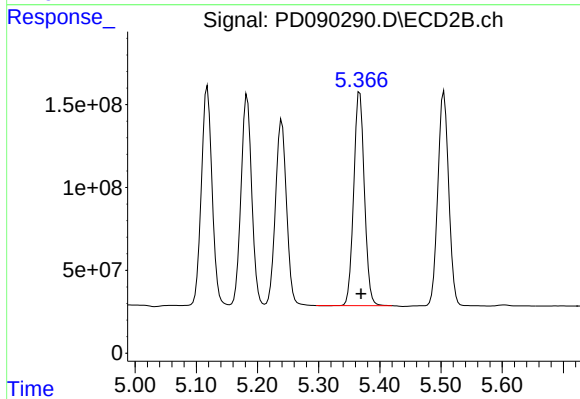
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 1540054481
Conc: 53.96 ng/ml



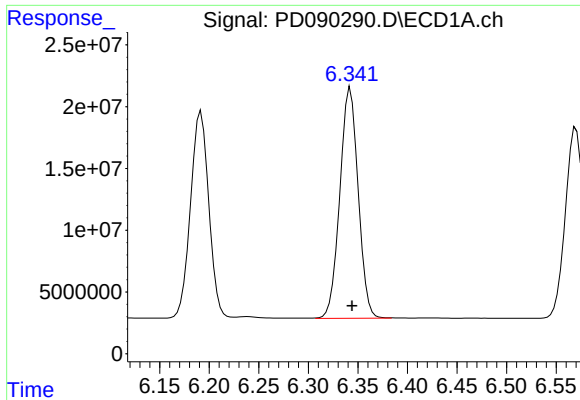
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 214639393
Conc: 48.91 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 1561806160
Conc: 54.19 ng/ml



#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 240144358
Conc: 49.05 ng/ml

Instrument :

ECD_D

ClientSampleId :

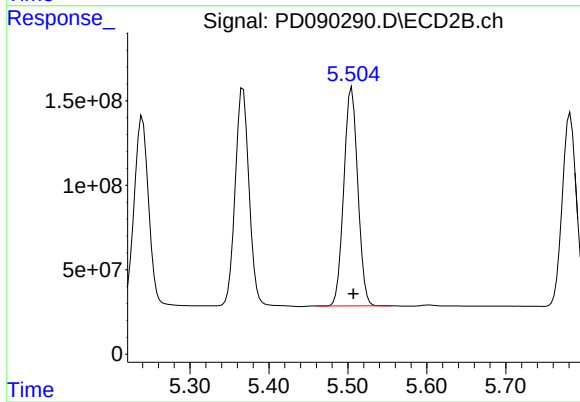
PSTDCCC050

Manual Integrations

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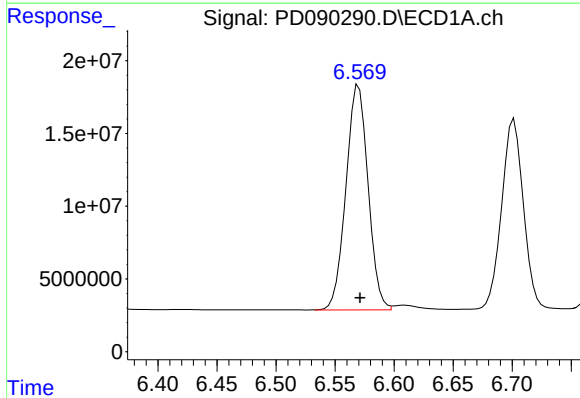
Reviewed By :Abdul Mirza 09/17/2025

Supervised By :mohammad ahmed 09/18/2025



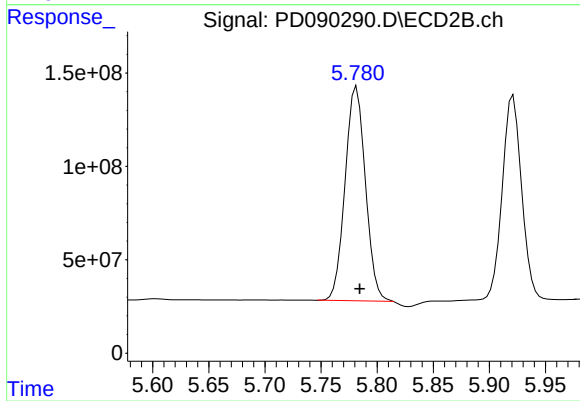
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 1593895557
Conc: 54.42 ng/ml



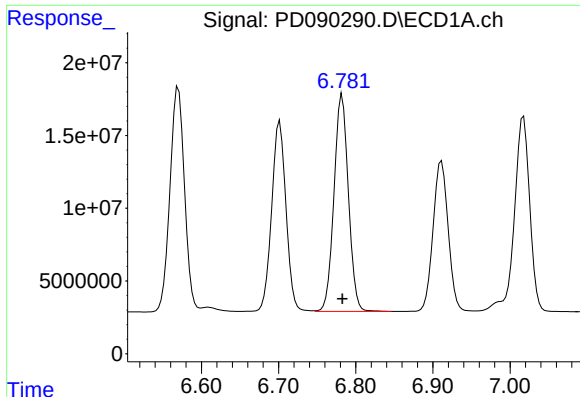
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.002 min
Response: 201572114
Conc: 48.65 ng/ml m



#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.004 min
Response: 1447068052
Conc: 54.34 ng/ml m



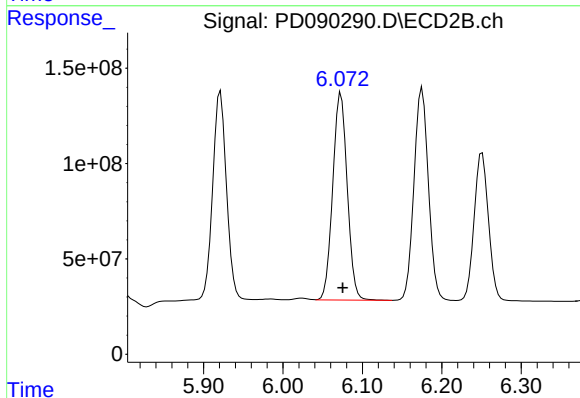
#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 193926531
Conc: 45.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

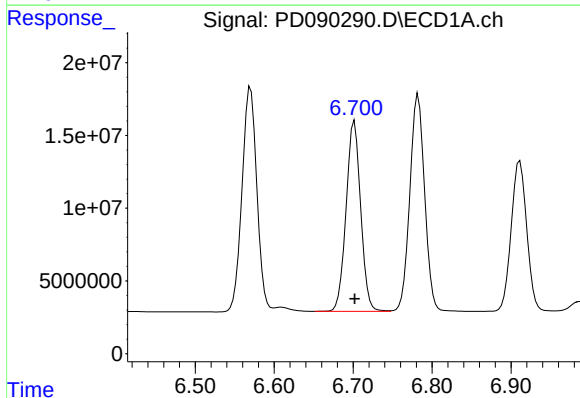
Manual Integrations
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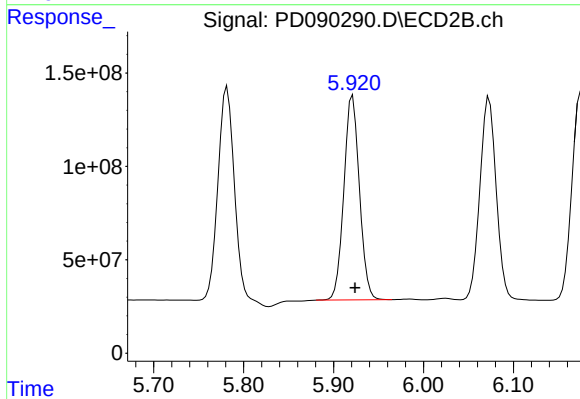
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 1375893713
Conc: 54.39 ng/ml



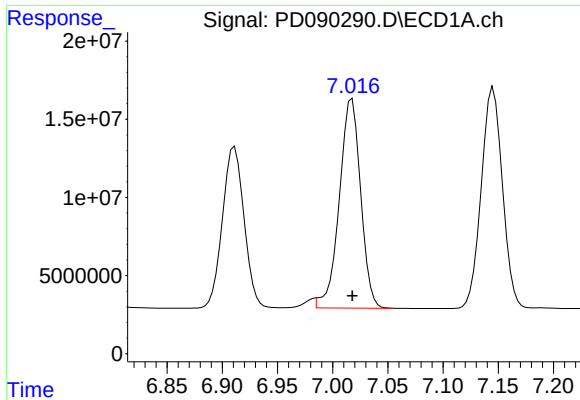
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 168186184
Conc: 48.62 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 1313977230
Conc: 54.65 ng/ml



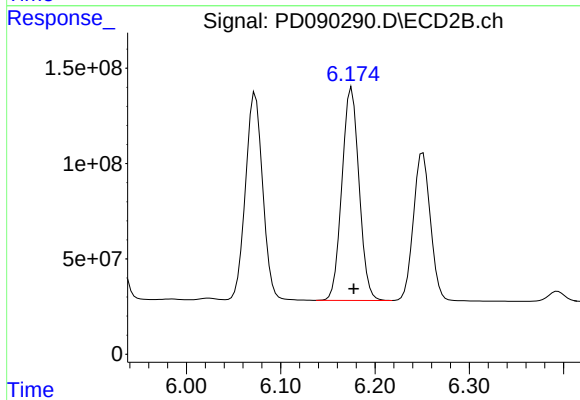
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: -0.002 min
Response: 179717682
Conc: 47.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

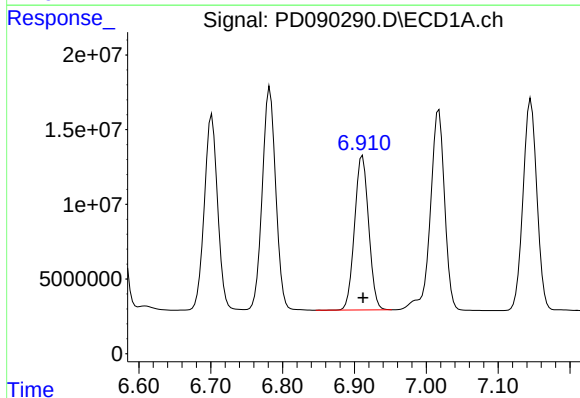
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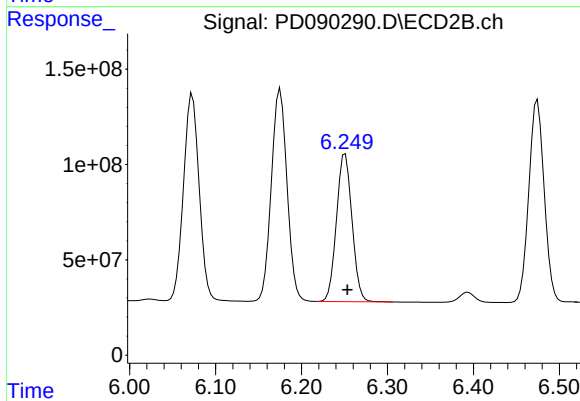
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 1411789623
Conc: 56.31 ng/ml



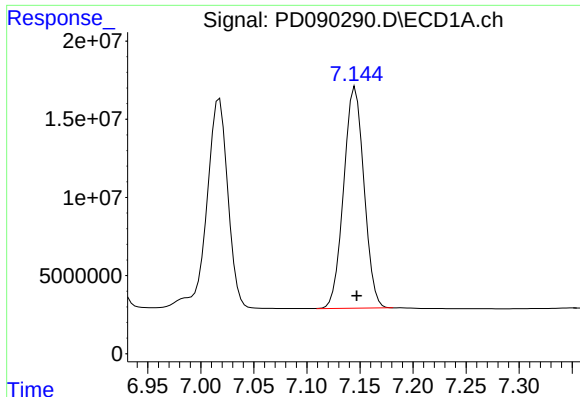
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 140189621
Conc: 48.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 971913292
Conc: 56.44 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: -0.003 min
Response: 188329940
Conc: 48.06 ng/ml

Instrument :

ECD_D

ClientSampleId :

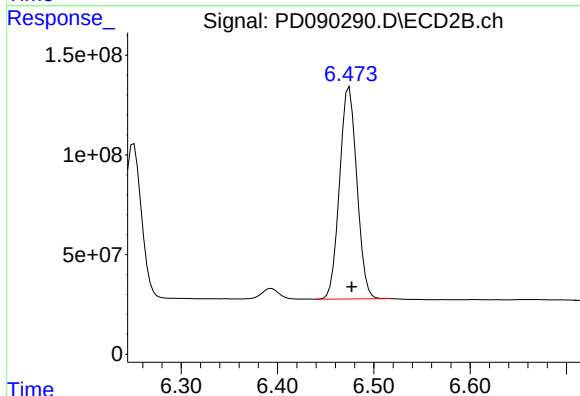
PSTDCCC050

Manual Integrations

APPROVED

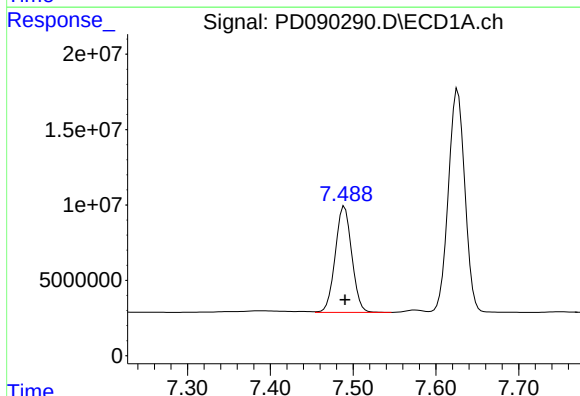
Reviewed By :Abdul Mirza 09/17/2025

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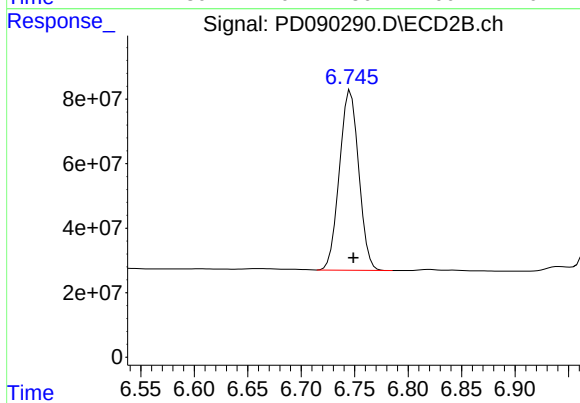
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 1325261726
Conc: 54.36 ng/ml



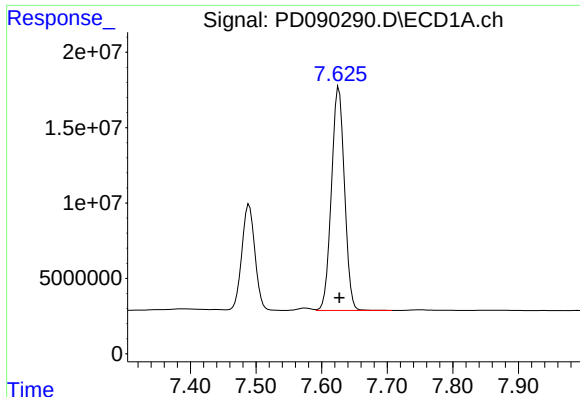
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 97466510
Conc: 48.60 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 701812967
Conc: 54.42 ng/ml



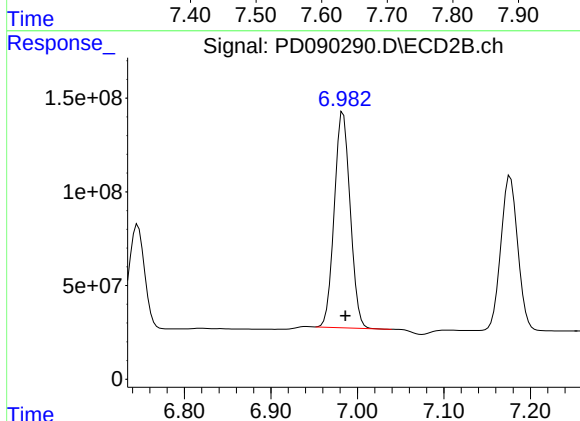
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 204708584
Conc: 49.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

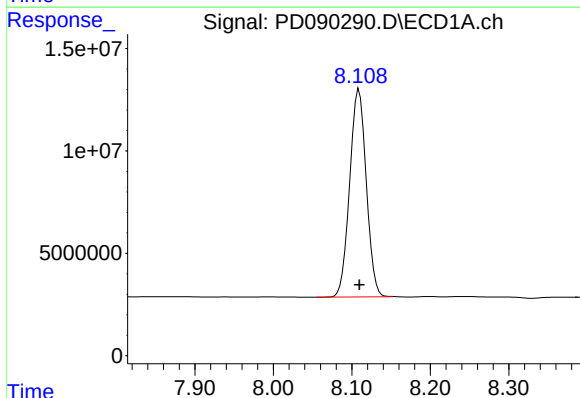
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/17/2025
Supervised By :mohammad ahmed 09/18/2025



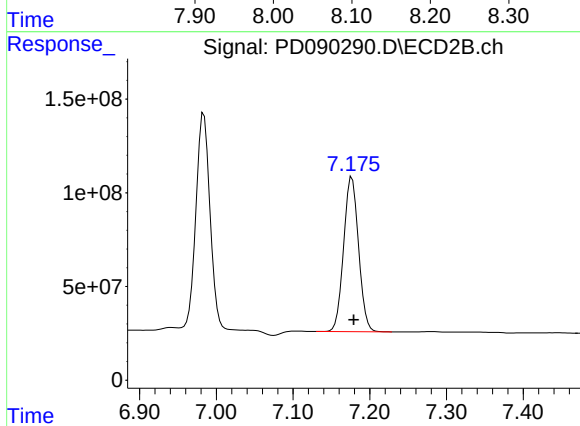
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.003 min
Response: 1460380014
Conc: 54.81 ng/ml



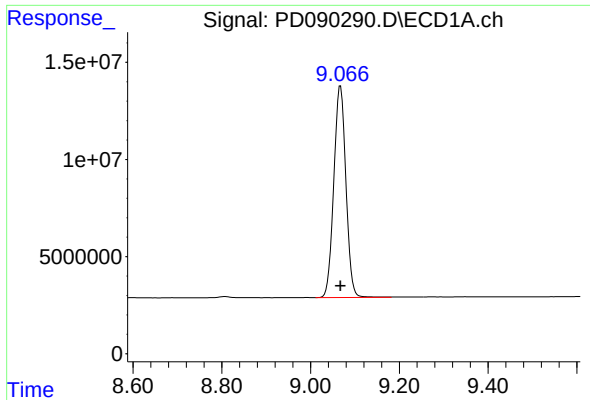
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 148928313
Conc: 47.21 ng/ml



#22 Mirex

R.T.: 7.177 min
Delta R.T.: -0.002 min
Response: 1121004929
Conc: 54.27 ng/ml



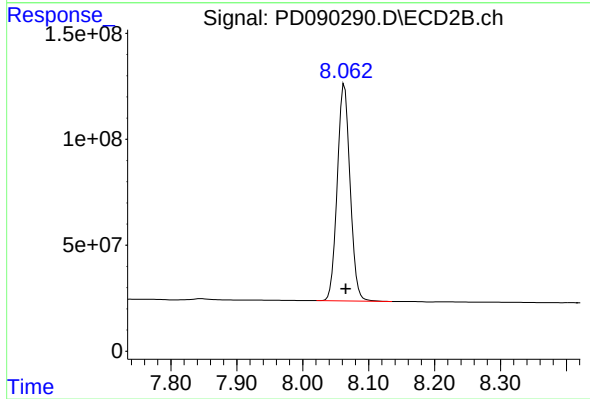
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 206295225
Conc: 47.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 1384050802
Conc: 53.47 ng/ml