

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
 Data File : PD090221.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 14:22
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 08:20:00 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	146.3E6	1154.0E6	49.841	52.334
28)	SA Decachlor...	9.067	8.064	203.5E6	1284.6E6	47.140	49.624
Target Compounds							
2)	A alpha-BHC	3.996	3.388	304.6E6	1847.6E6	50.749	54.438
3)	MA gamma-BHC...	4.325	3.725	281.8E6	1699.1E6	49.205m	54.511
4)	MA Heptachlor	4.925	4.077	275.8E6	1700.0E6	49.177	54.501
5)	MB Aldrin	5.265	4.362	265.9E6	1664.4E6	49.117m	54.650
6)	B beta-BHC	4.513	4.020	108.1E6	716.0E6	48.196	53.715
7)	B delta-BHC	4.761	4.256	252.2E6	1716.7E6	48.714	54.413
8)	B Heptachlo...	5.686	4.866	233.9E6	1497.8E6	47.671	54.081
9)	A Endosulfan I	6.069	5.239	218.5E6	1418.1E6	47.343	54.080
10)	B gamma-Chl...	5.941	5.119	235.5E6	1629.4E6	48.157	55.027
11)	B alpha-Chl...	6.021	5.183	235.9E6	1552.4E6	47.926m	54.397
12)	B 4,4'-DDE	6.191	5.368	218.3E6	1577.0E6	49.755	54.712
13)	MA Dieldrin	6.341	5.506	242.8E6	1601.8E6	49.591m	54.692
14)	MA Endrin	6.568	5.782	210.4E6	1516.7E6	50.782m	56.948
15)	B Endosulfa...	6.782	6.073	205.4E6	1375.9E6	48.669	54.395
16)	A 4,4'-DDD	6.701	5.923	170.9E6	1314.0E6	49.397	54.649
17)	MA 4,4'-DDT	7.015	6.176	185.4E6	1413.6E6	48.671m	56.387
18)	B Endrin al...	6.910	6.252	141.5E6	955.8E6	49.364	55.508
19)	B Endosulfa...	7.144	6.476	193.8E6	1325.4E6	49.456m	54.366
20)	A Methoxychlor	7.489	6.747	99731890	714.2E6	49.726	55.381
21)	B Endrin ke...	7.626	6.984	208.5E6	1438.1E6	50.315	53.974
22)	Mirex	8.108	7.177	150.9E6	1073.8E6	47.834	51.984

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
Data File : PD090221.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 14:22
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

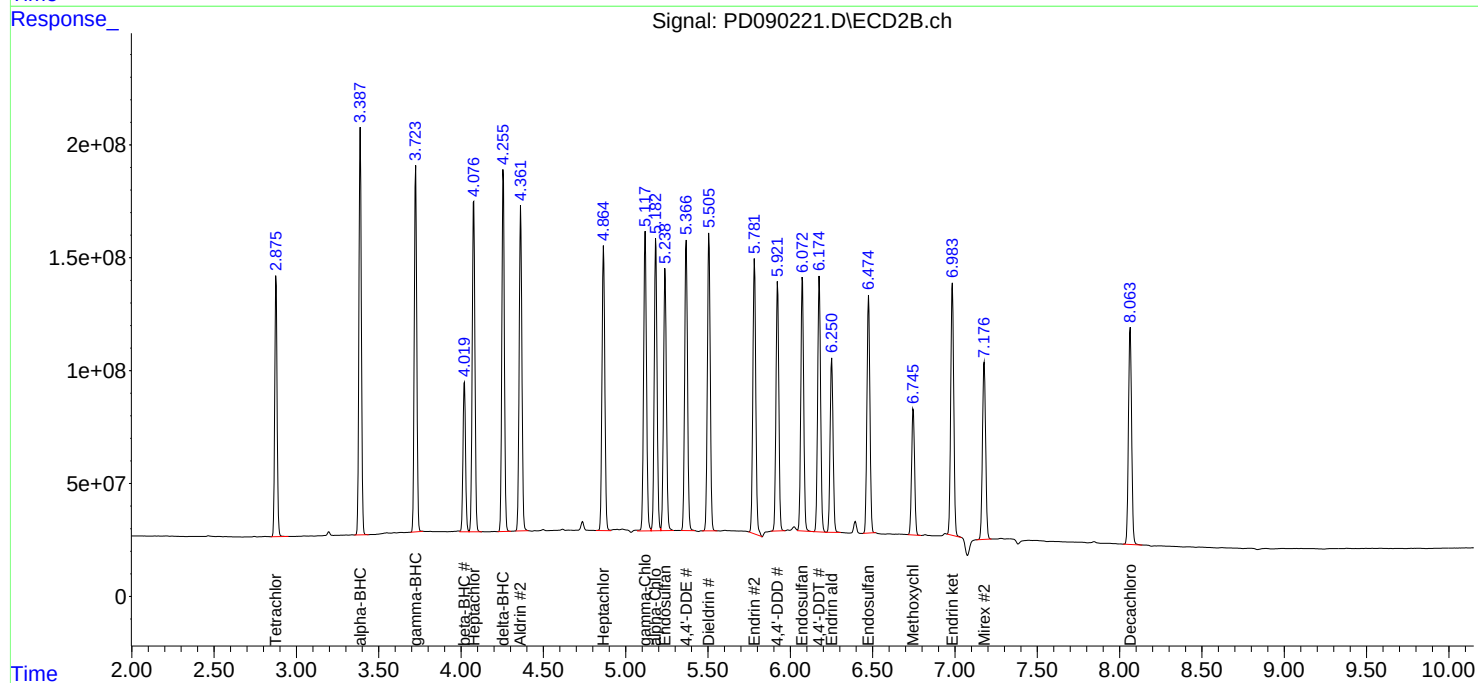
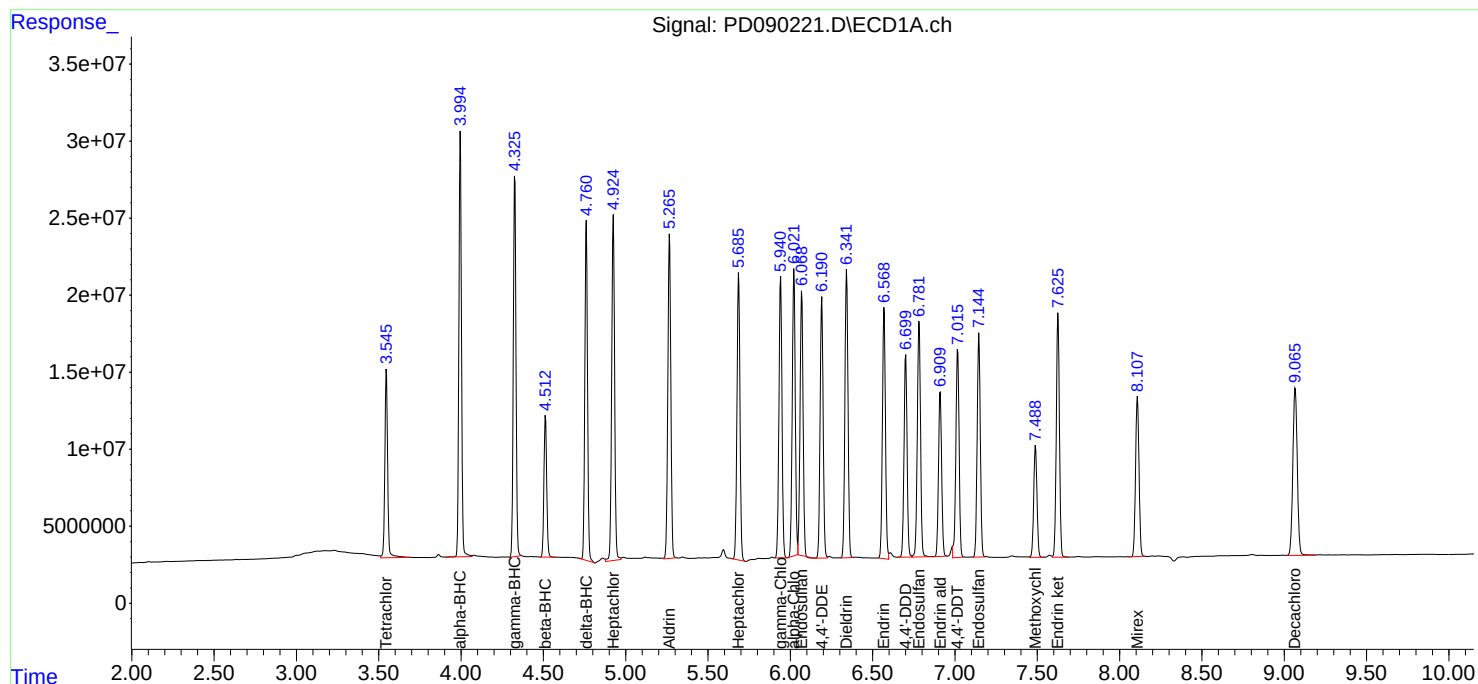
APPROVED

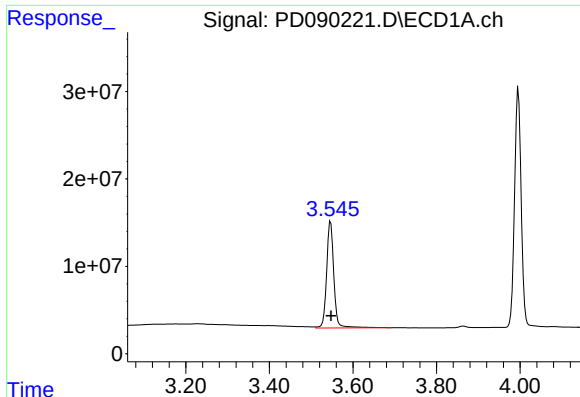
Reviewed By :Abdul Mirza 09/11/2025

Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 08:20:00 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: 146273973
Conc: 49.84 ng/ml

Instrument :

ECD_D

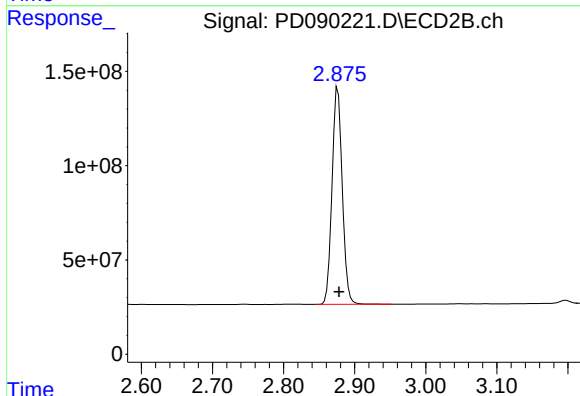
ClientSampleId :

PSTDCCC050

Manual Integrations

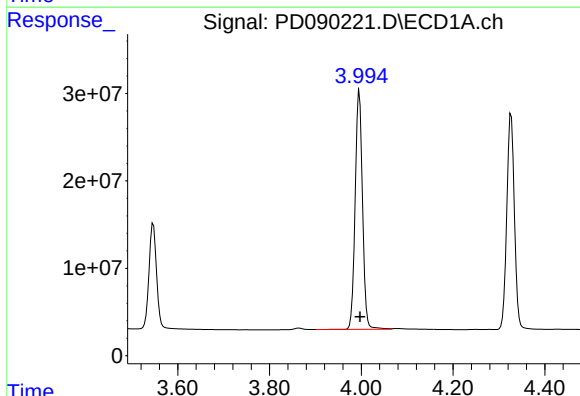
APPROVED

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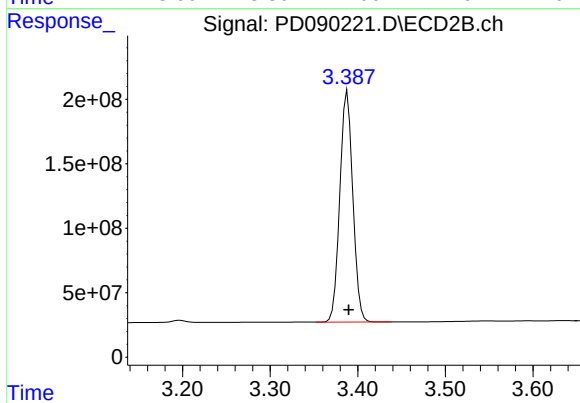
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.001 min
Response: 1153997200
Conc: 52.33 ng/ml



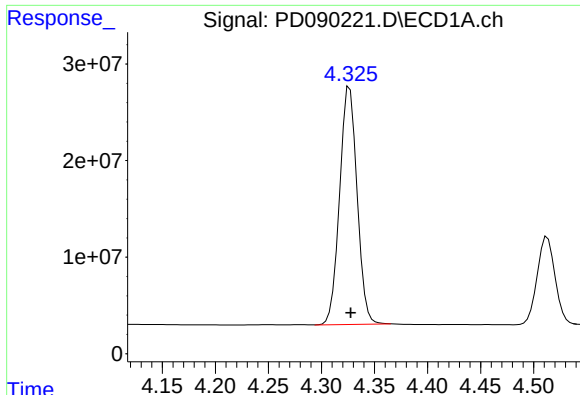
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.001 min
Response: 304606672
Conc: 50.75 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.001 min
Response: 1847572920
Conc: 54.44 ng/ml



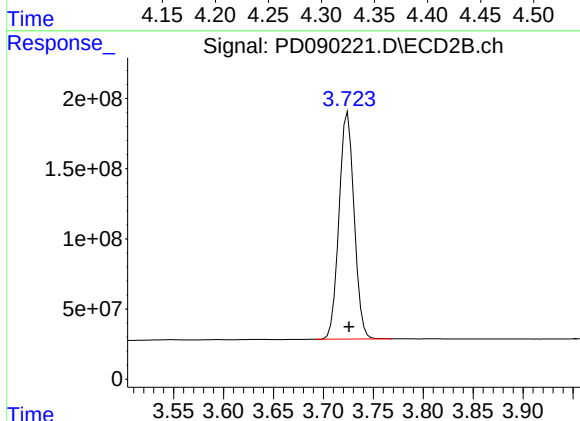
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 281787386
Conc: 49.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

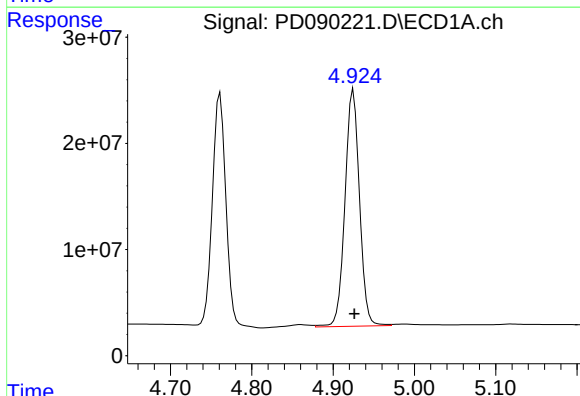
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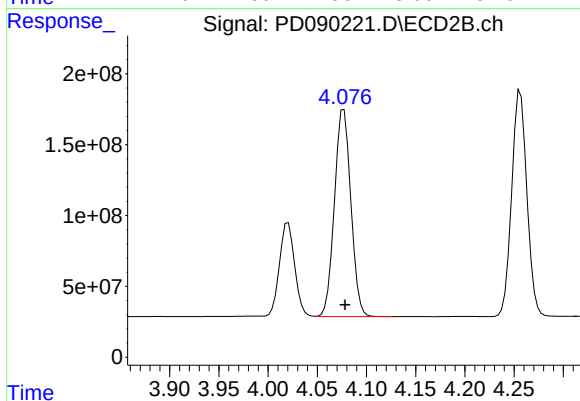
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: -0.001 min
Response: 1699145233
Conc: 54.51 ng/ml



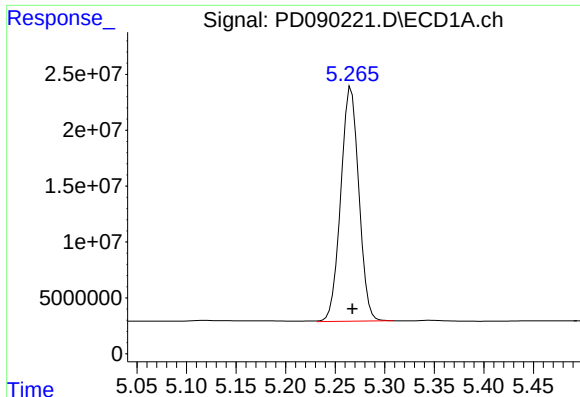
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.001 min
Response: 275844136
Conc: 49.18 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: -0.001 min
Response: 1699963571
Conc: 54.50 ng/ml



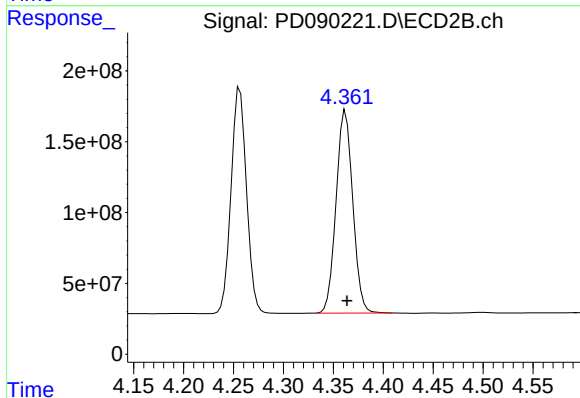
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.003 min
Response: 265945282
Conc: 49.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

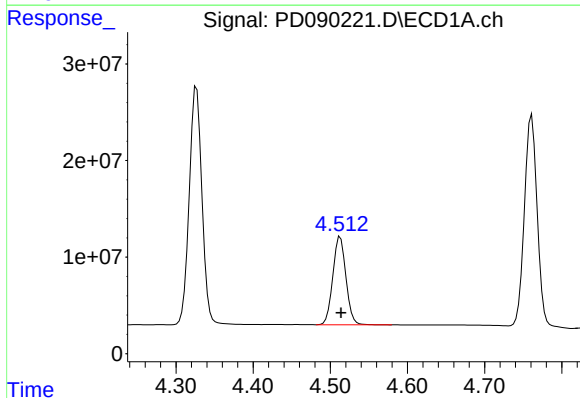
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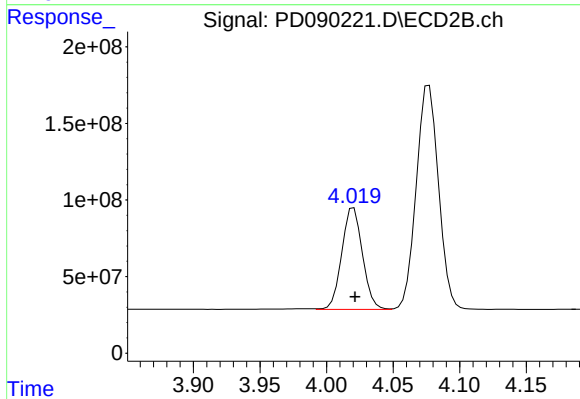
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.001 min
Response: 1664409830
Conc: 54.65 ng/ml



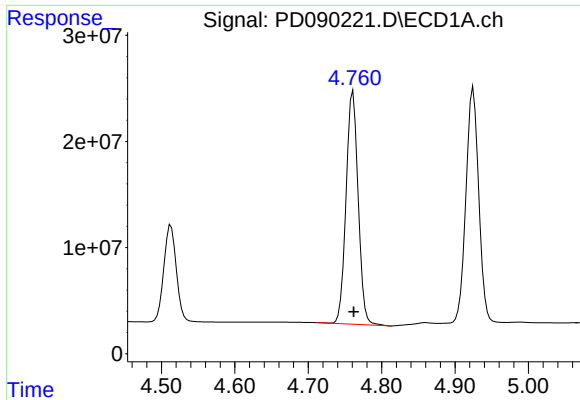
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 108104123
Conc: 48.20 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 716027125
Conc: 53.71 ng/ml



#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 252224938
Conc: 48.71 ng/ml

Instrument :

ECD_D

ClientSampleId :

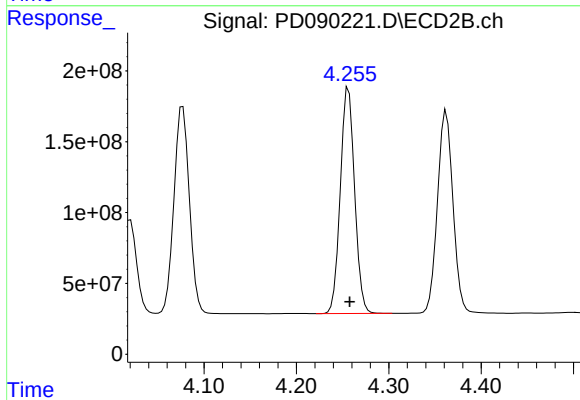
PSTDCCC050

Manual Integrations

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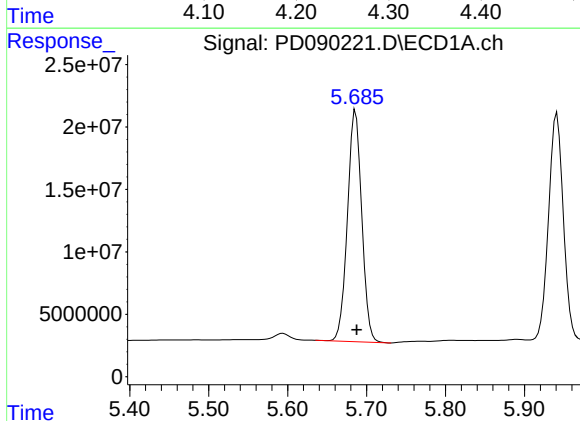
Reviewed By :Abdul Mirza 09/11/2025

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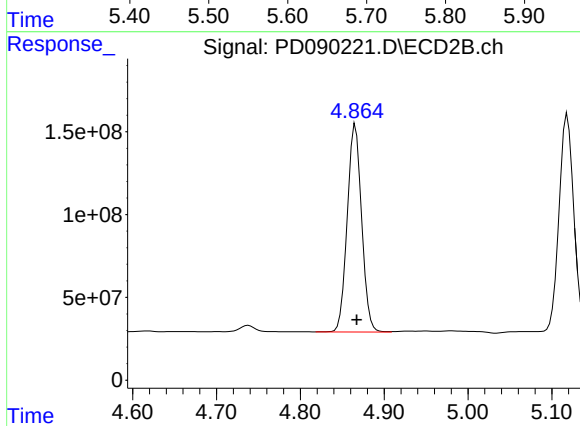
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: -0.001 min
Response: 1716706868
Conc: 54.41 ng/ml



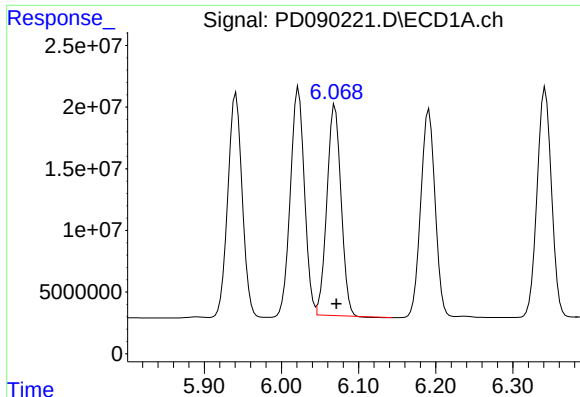
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.001 min
Response: 233914397
Conc: 47.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.866 min
Delta R.T.: -0.001 min
Response: 1497767426
Conc: 54.08 ng/ml



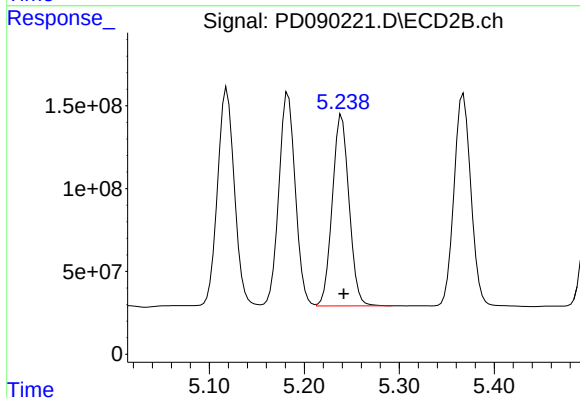
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: -0.002 min
Response: 218481707
Conc: 47.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

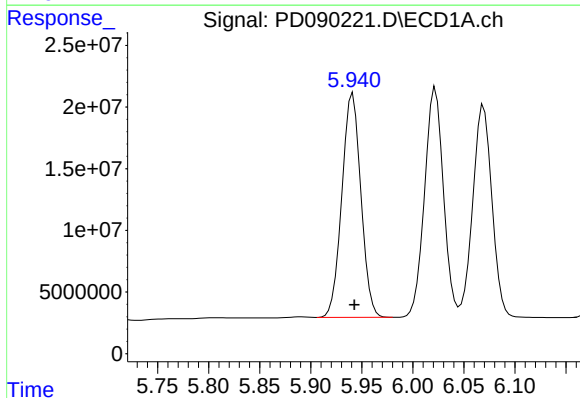
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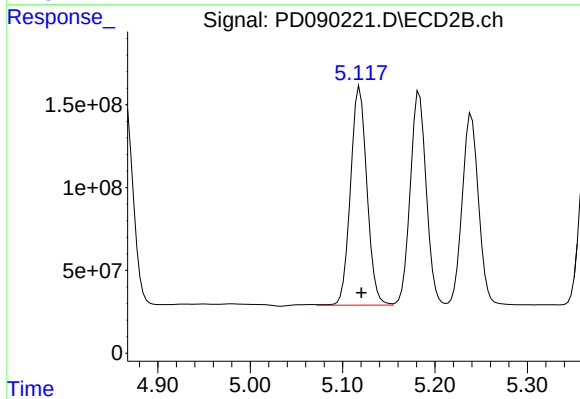
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 1418062959
Conc: 54.08 ng/ml



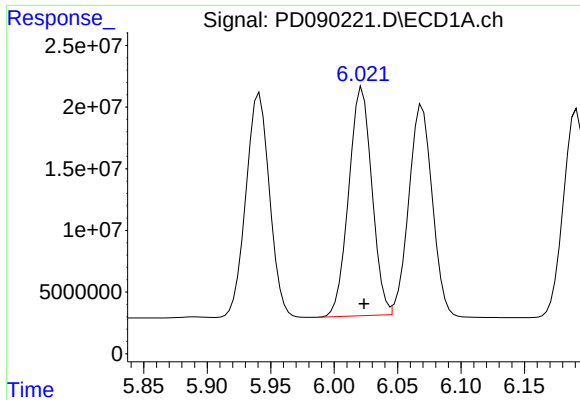
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 235535723
Conc: 48.16 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.002 min
Response: 1629427793
Conc: 55.03 ng/ml



#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.003 min
Response: 235910229
Conc: 47.93 ng/ml

Instrument :

ECD_D

ClientSampleId :

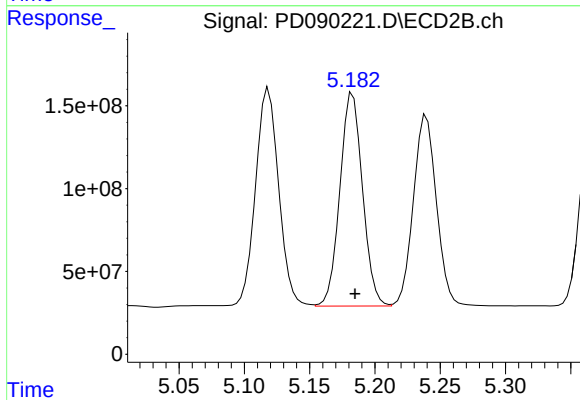
PSTDCCC050

Manual Integrations

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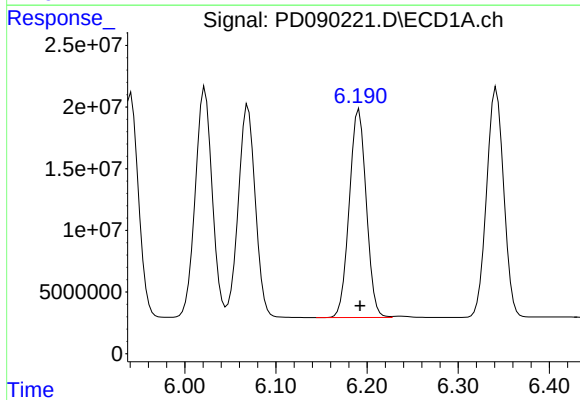
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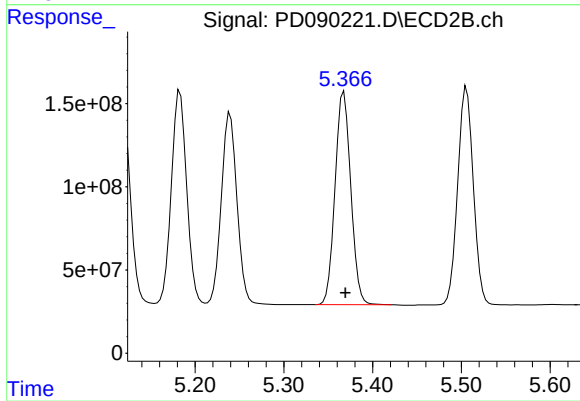
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 1552383371
Conc: 54.40 ng/ml



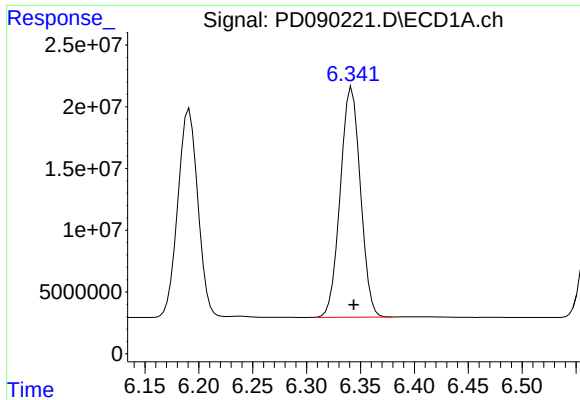
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.001 min
Response: 218341446
Conc: 49.76 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: -0.001 min
Response: 1576961697
Conc: 54.71 ng/ml



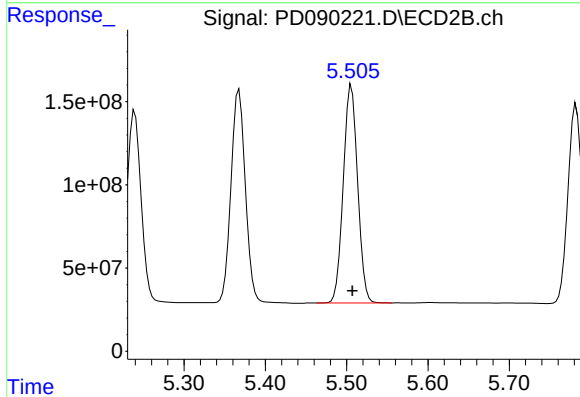
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 242786197
Conc: 49.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

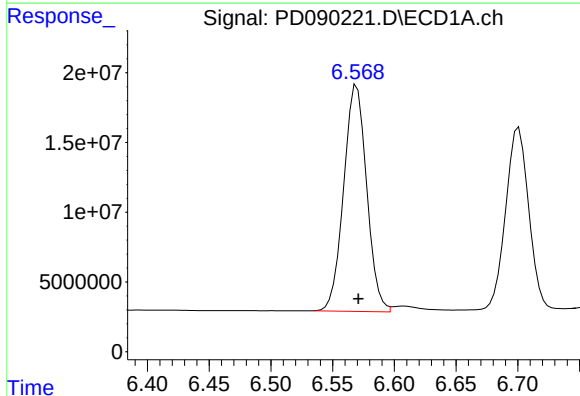
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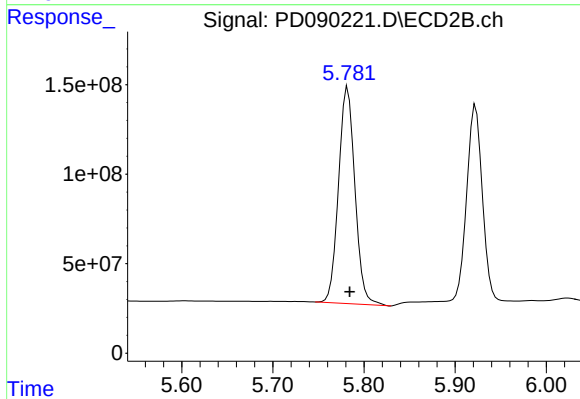
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: -0.001 min
Response: 1601764581
Conc: 54.69 ng/ml



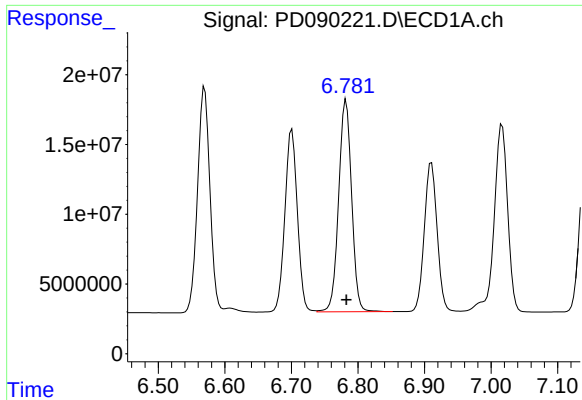
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 210418599
Conc: 50.78 ng/ml m



#14 Endrin

R.T.: 5.782 min
Delta R.T.: -0.002 min
Response: 1516657011
Conc: 56.95 ng/ml



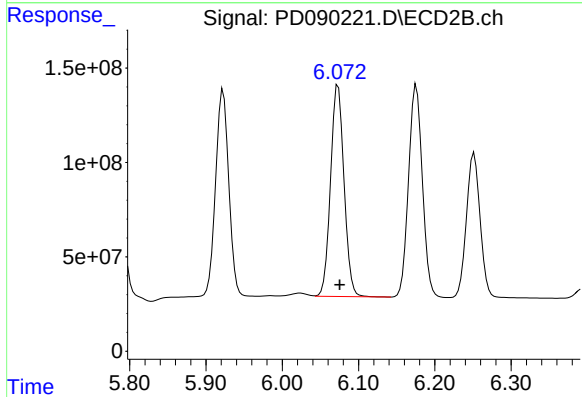
#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 205370005
Conc: 48.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

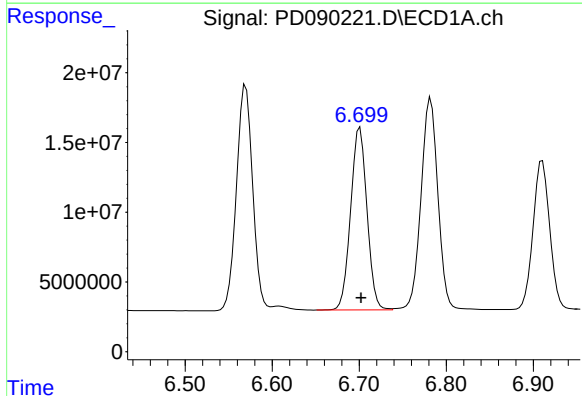
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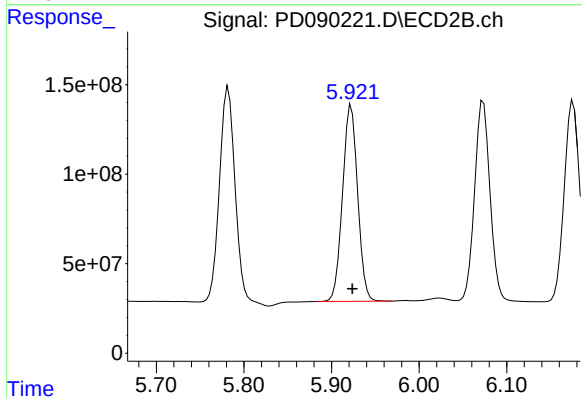
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 1375896083
Conc: 54.39 ng/ml



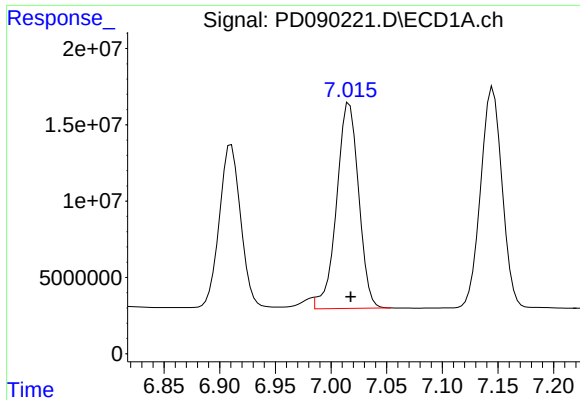
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.001 min
Response: 170868106
Conc: 49.40 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.001 min
Response: 1313973684
Conc: 54.65 ng/ml



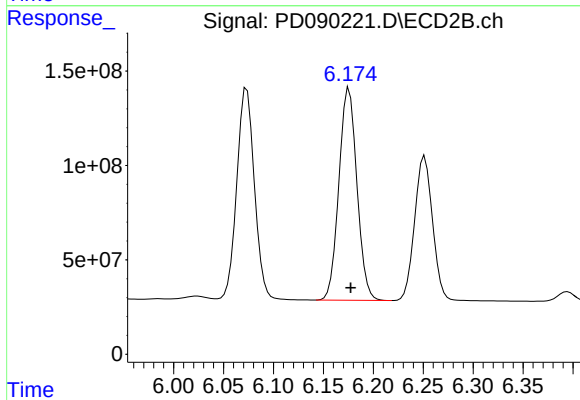
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: -0.003 min
Response: 185422447
Conc: 48.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

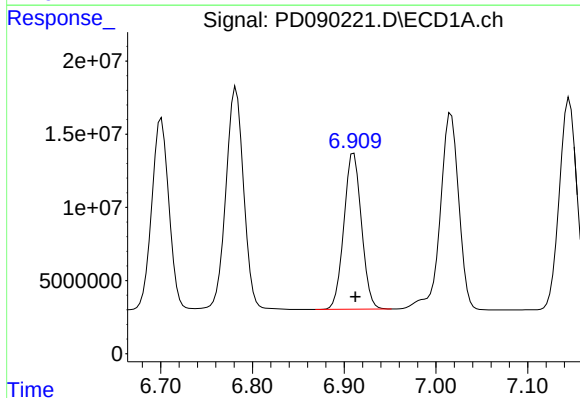
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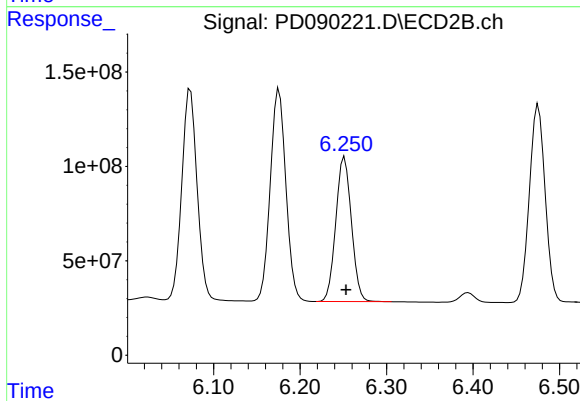
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 1413614009
Conc: 56.39 ng/ml



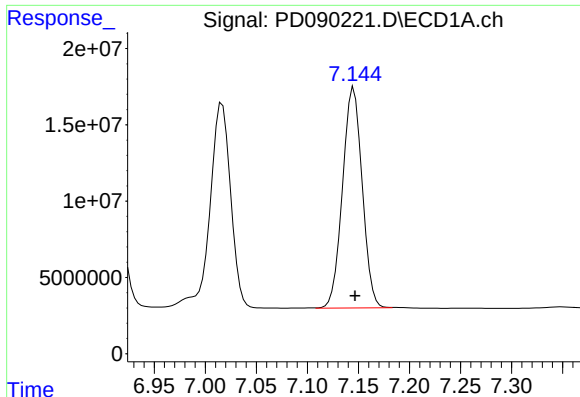
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: -0.002 min
Response: 141534164
Conc: 49.36 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 955840415
Conc: 55.51 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: -0.003 min
Response: 193794313
Conc: 49.46 ng/ml

Instrument :

ECD_D

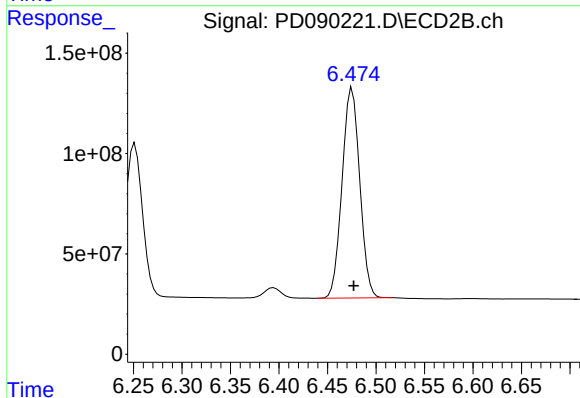
ClientSampleId :

PSTDCCC050

Manual Integrations

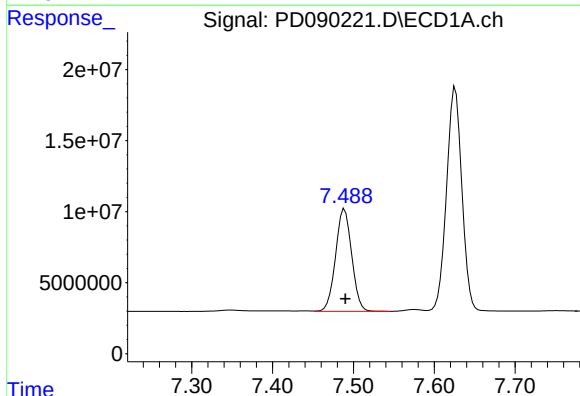
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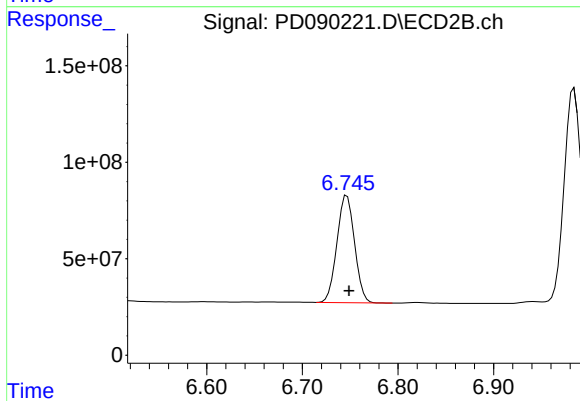
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 1325408504
Conc: 54.37 ng/ml



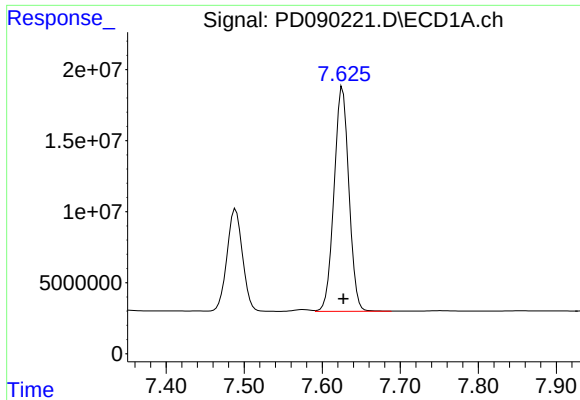
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: -0.001 min
Response: 99731890
Conc: 49.73 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 714178574
Conc: 55.38 ng/ml



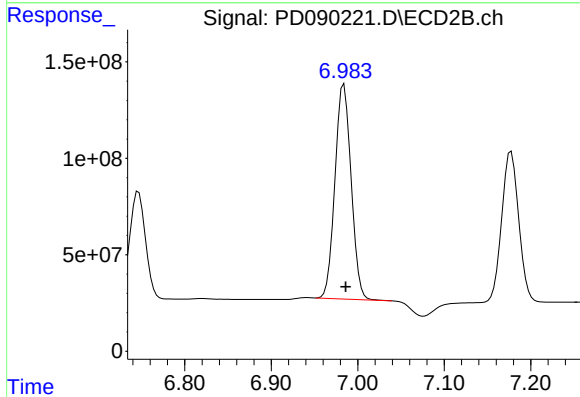
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 208533586
Conc: 50.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

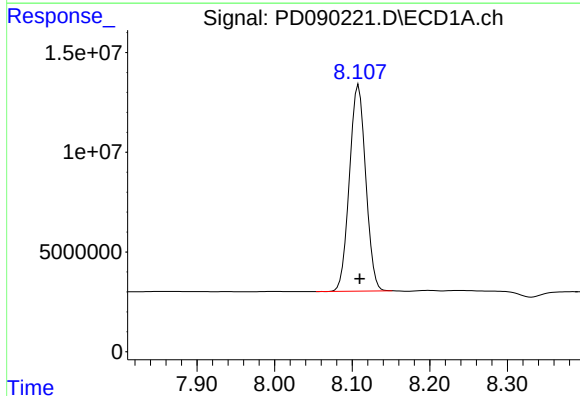
Manual Integrations
APPROVED

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



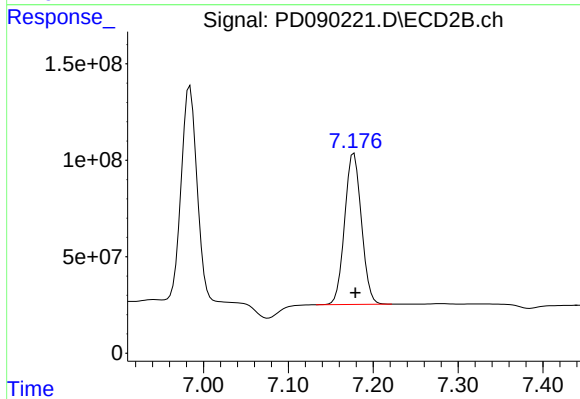
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.002 min
Response: 1438113136
Conc: 53.97 ng/ml



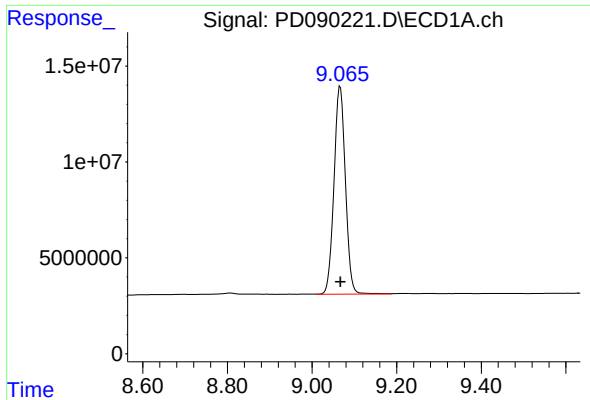
#22 Mirex

R.T.: 8.108 min
Delta R.T.: -0.001 min
Response: 150891897
Conc: 47.83 ng/ml



#22 Mirex

R.T.: 7.177 min
Delta R.T.: -0.002 min
Response: 1073757411
Conc: 51.98 ng/ml



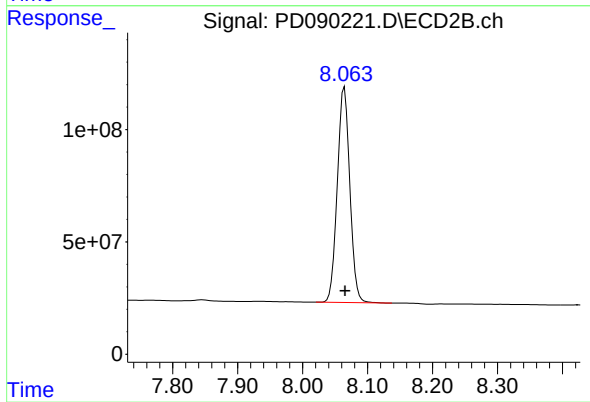
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 203455513
Conc: 47.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 1284557574
Conc: 49.62 ng/ml