

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081125\
 Data File : PD089833.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2025 13:13
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/12/2025
 Supervised By :mohammad ahmed 08/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 13:44:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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...	3.553	2.877	119.5E6	897.5E6	48.468	56.668
2)	SA Decachlor...	9.074	8.067	159.4E6	992.9E6	42.895	49.452
Target Compounds							
2)	A alpha-BHC	4.002	3.389	249.3E6	1395.8E6	50.322	57.429
3)	MA gamma-BHC...	4.333	3.725	237.4E6	1290.2E6	49.964	57.279
4)	MA Heptachlor	4.932	4.079	226.6E6	1271.1E6	47.099	54.769
5)	MB Aldrin	5.273	4.364	223.0E6	1278.6E6	48.843	57.461
6)	B beta-BHC	4.520	4.022	91949521	551.0E6	49.846	57.109
7)	B delta-BHC	4.767	4.258	227.0E6	1297.5E6	49.487	57.119
8)	B Heptachlo...	5.693	4.868	197.4E6	1157.9E6	47.206	56.347
9)	A Endosulfan I	6.076	5.243	185.9E6	1093.9E6	46.900	55.959
10)	B gamma-Chl...	5.948	5.120	198.6E6	1241.2E6	47.516	57.322m
11)	B alpha-Chl...	6.029	5.186	198.8E6	1192.2E6	47.292	57.257
12)	B 4,4'-DDE	6.198	5.371	175.6E6	1206.2E6	47.086	57.067
13)	MA Dieldrin	6.348	5.508	197.2E6	1224.2E6	46.699	56.575
14)	MA Endrin	6.576	5.785	152.8E6	1036.4E6	42.718	52.015
15)	B Endosulfa...	6.788	6.076	164.6E6	1051.8E6	44.846	55.948
16)	A 4,4'-DDD	6.707	5.925	141.3E6	1024.3E6	47.185	58.093
17)	MA 4,4'-DDT	7.023	6.179	141.4E6	1000.3E6	42.072	54.443 #
18)	B Endrin al...	6.917	6.254	115.7E6	733.6E6	46.342	56.780
19)	B Endosulfa...	7.152	6.477	153.8E6	1004.1E6	44.310	54.086
20)	A Methoxychlor	7.494	6.749	77618682	528.9E6	43.412m	53.993
21)	B Endrin ke...	7.633	6.987	166.2E6	1132.0E6	44.750	56.409 #
22)	Mirex	8.115	7.180	120.6E6	848.3E6	43.251	55.733 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081125\
Data File : PD089833.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Aug 2025 13:13
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

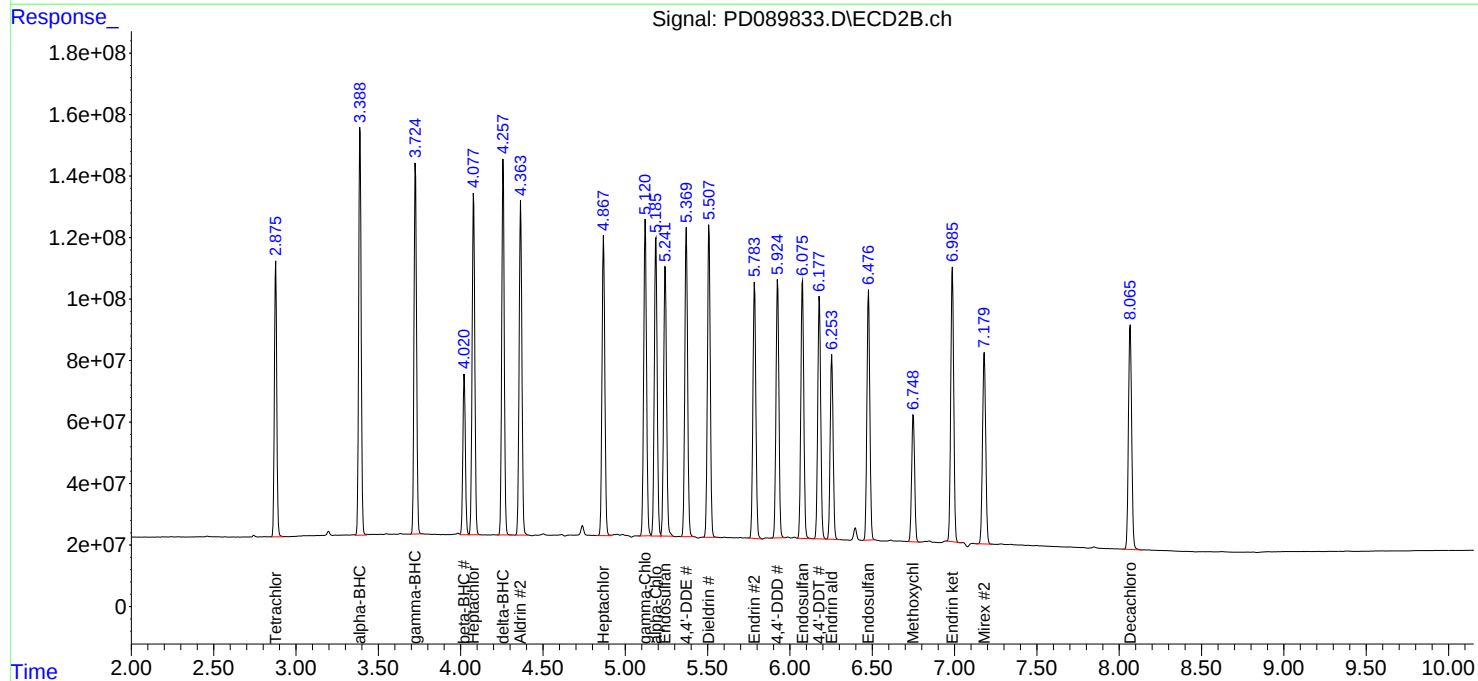
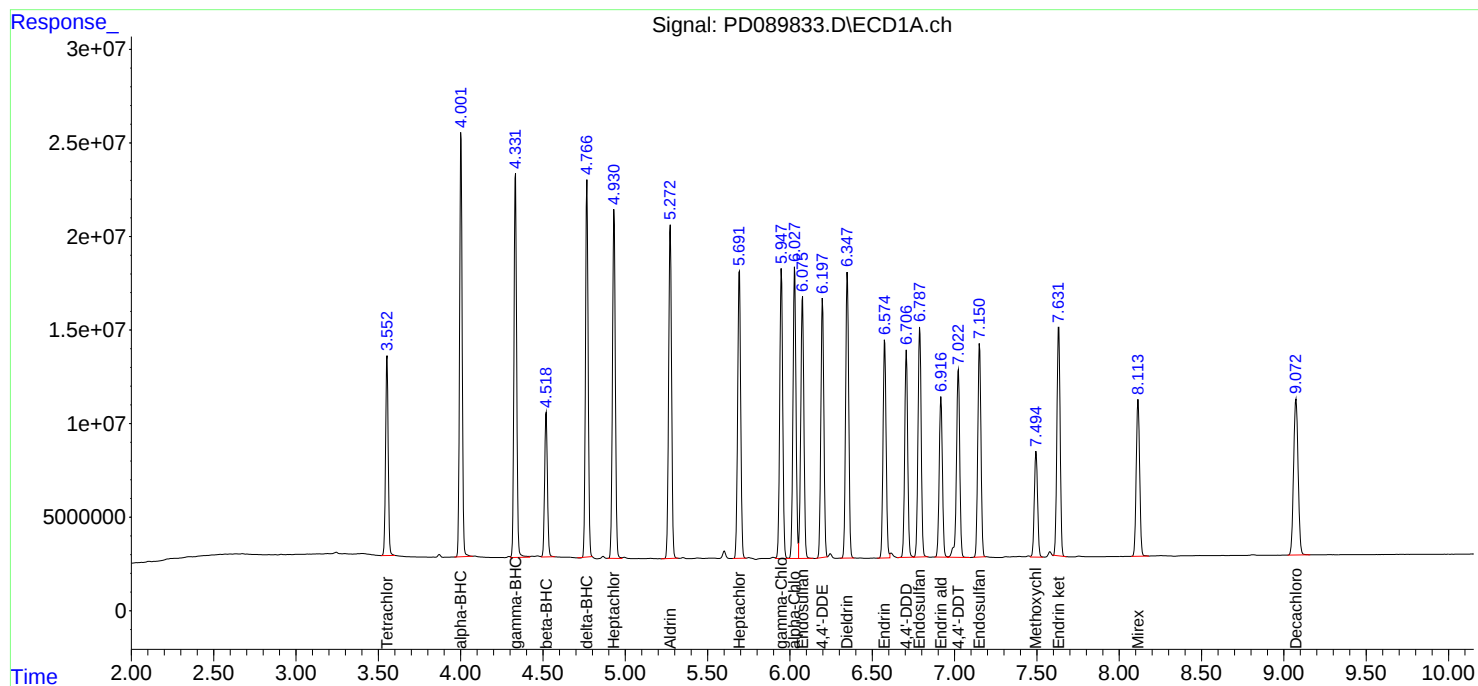
APPROVED

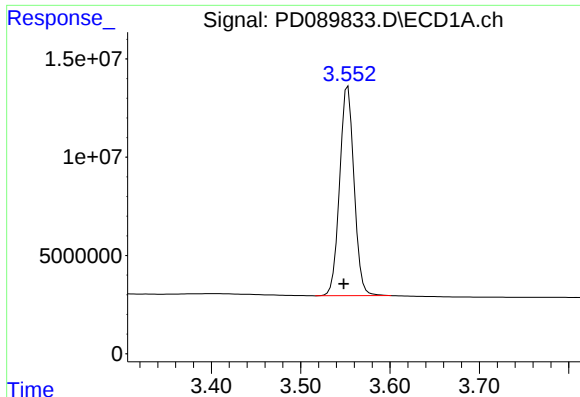
Reviewed By :Abdul Mirza 08/12/2025

Supervised By :mohammad ahmed 08/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:44:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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.: 3.553 min
Delta R.T.: 0.005 min
Response: 119549707
Conc: 48.47 ng/ml

Instrument :

ECD_D

ClientSampleId :

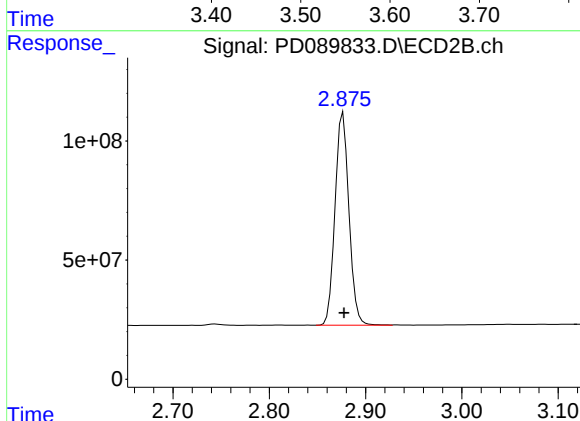
PSTDCCC050

Manual Integrations

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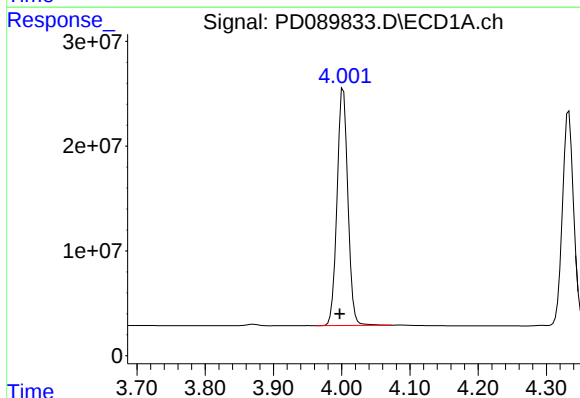
Reviewed By :Abdul Mirza 08/12/2025

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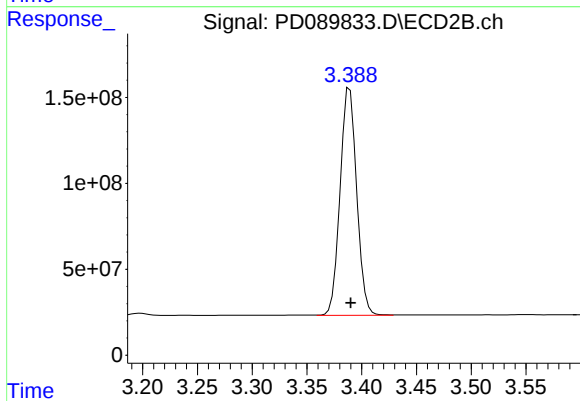
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 897491229
Conc: 56.67 ng/ml



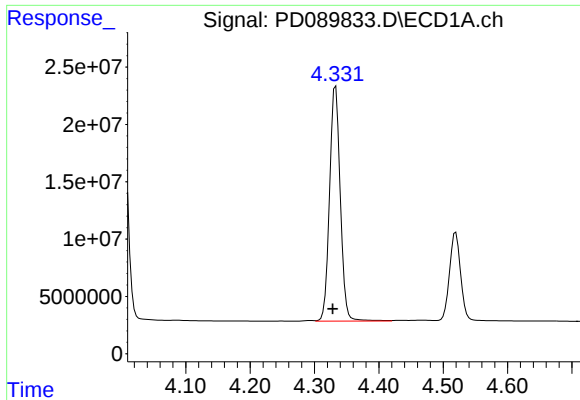
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.005 min
Response: 249268807
Conc: 50.32 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1395815220
Conc: 57.43 ng/ml



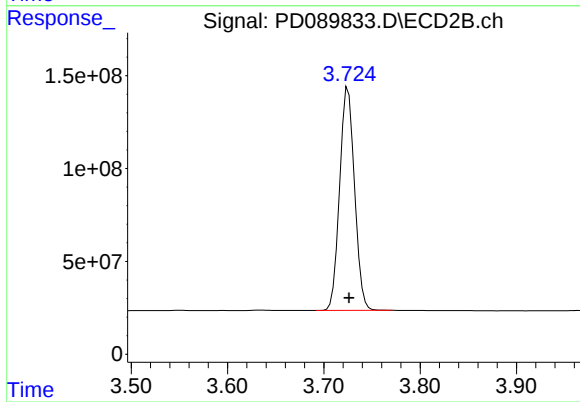
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.005 min
Response: 237445684
Conc: 49.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

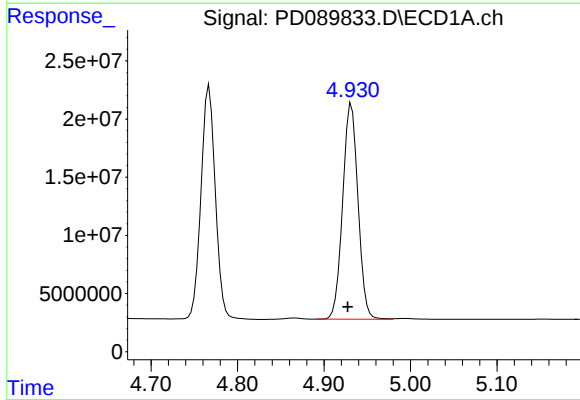
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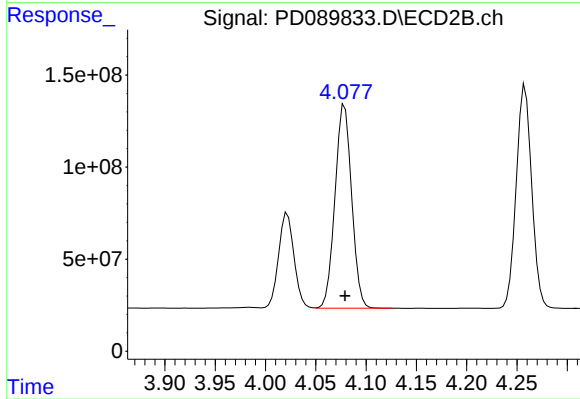
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: -0.001 min
Response: 1290155708
Conc: 57.28 ng/ml



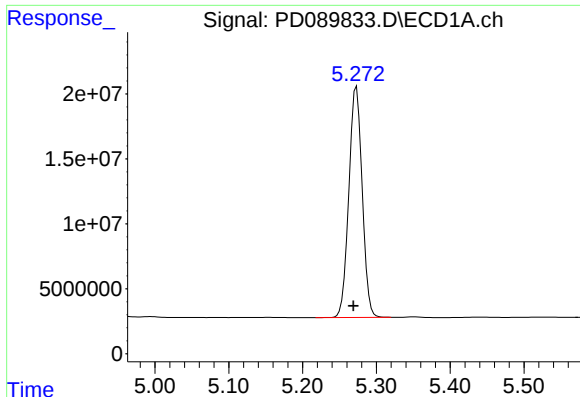
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.004 min
Response: 226619997
Conc: 47.10 ng/ml



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 1271139357
Conc: 54.77 ng/ml



#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.004 min
Response: 222963926
Conc: 48.84 ng/ml

Instrument :

ECD_D

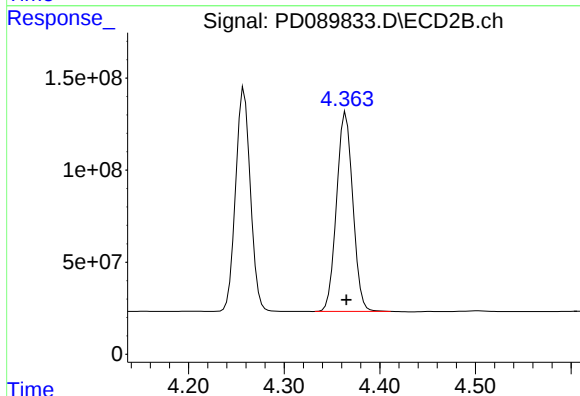
ClientSampleId :

PSTDCCC050

Manual Integrations

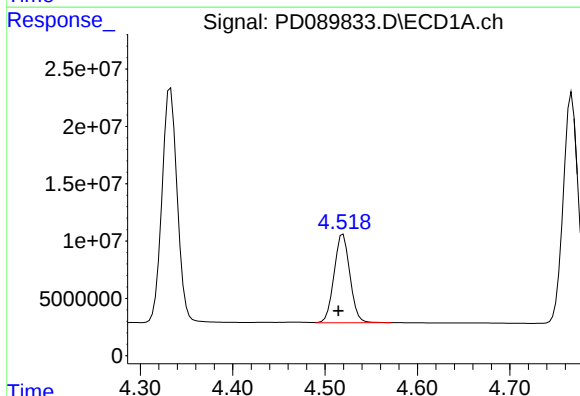
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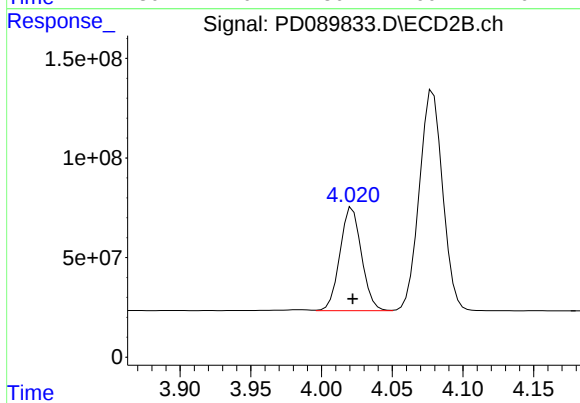
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1278560603
Conc: 57.46 ng/ml



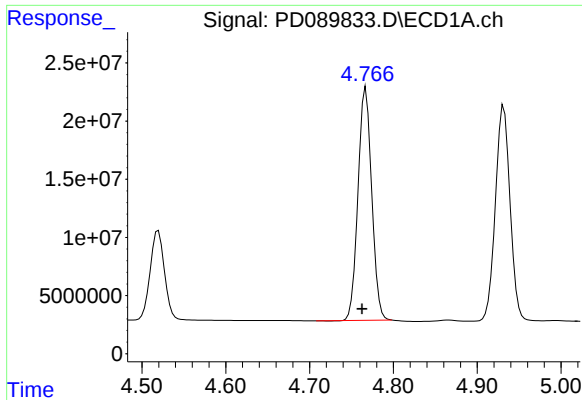
#6 beta-BHC

R.T.: 4.520 min
Delta R.T.: 0.005 min
Response: 91949521
Conc: 49.85 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 551040090
Conc: 57.11 ng/ml



#7 delta-BHC

R.T.: 4.767 min
Delta R.T.: 0.005 min
Response: 226959788
Conc: 49.49 ng/ml

Instrument :

ECD_D

ClientSampleId :

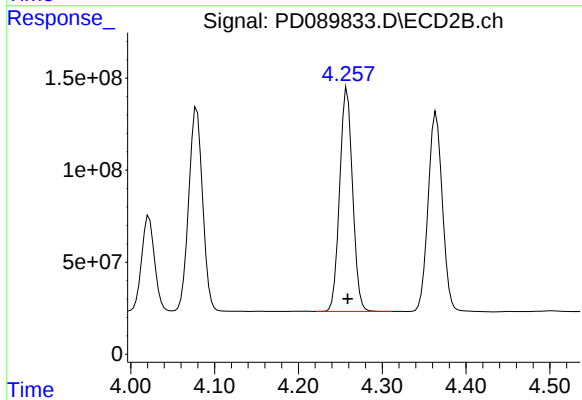
PSTDCCC050

Manual Integrations

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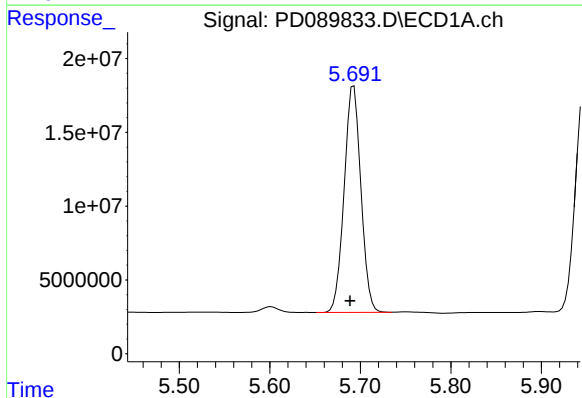
Reviewed By :Abdul Mirza 08/12/2025

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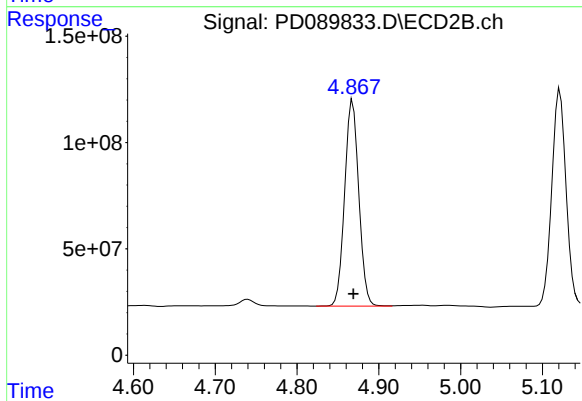
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1297466961
Conc: 57.12 ng/ml



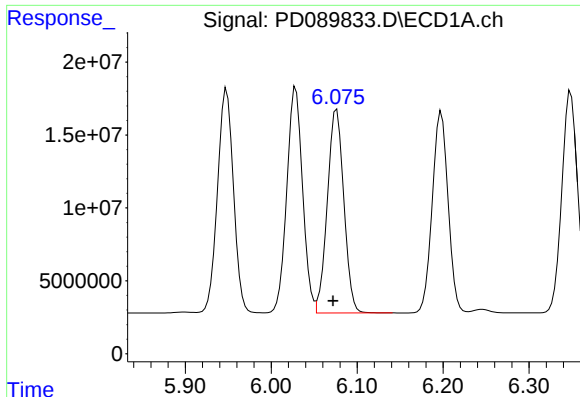
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.004 min
Response: 197353122
Conc: 47.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 1157922112
Conc: 56.35 ng/ml



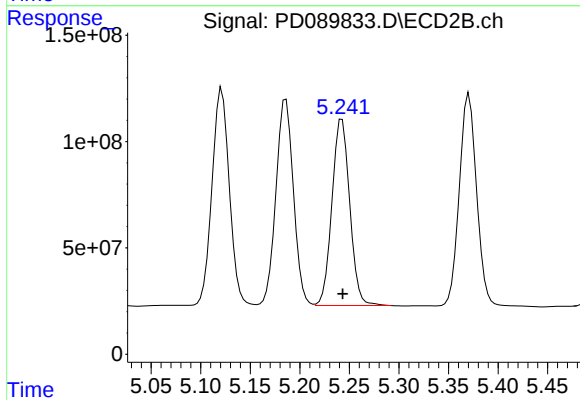
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.004 min
Response: 185894403
Conc: 46.90 ng/ml

Instrument :
ECD_D
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PSTDCCC050

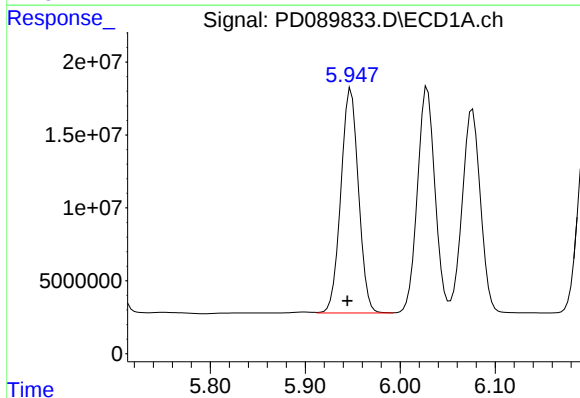
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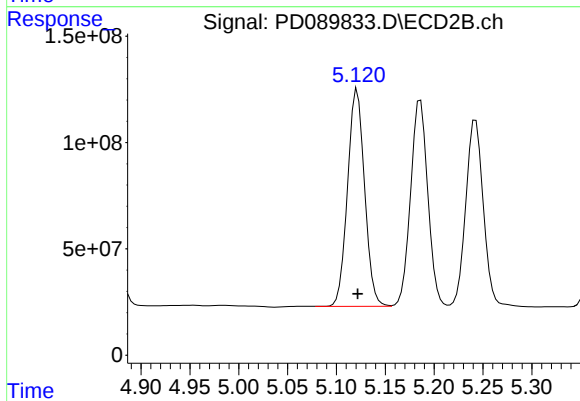
#9 Endosulfan I

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 1093904002
Conc: 55.96 ng/ml



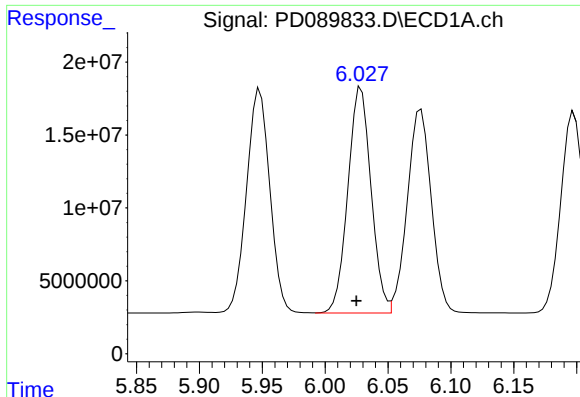
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.004 min
Response: 198572651
Conc: 47.52 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 1241217595
Conc: 57.32 ng/ml m



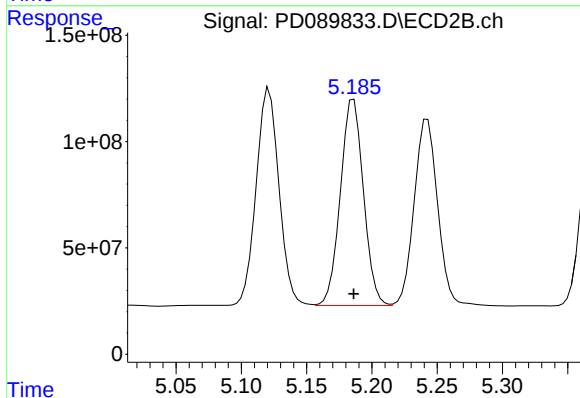
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.004 min
Response: 198824815
Conc: 47.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

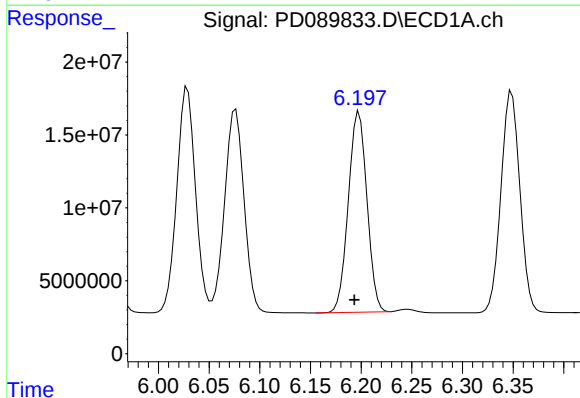
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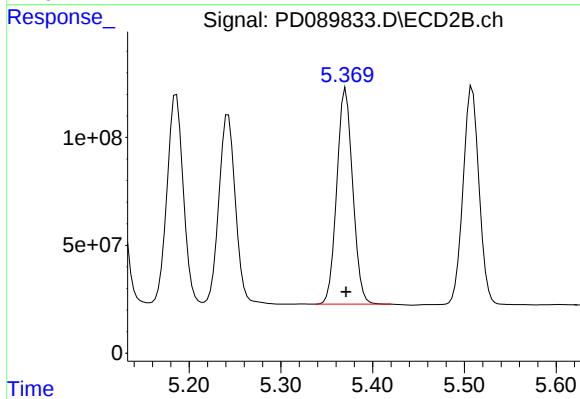
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 1192207133
Conc: 57.26 ng/ml



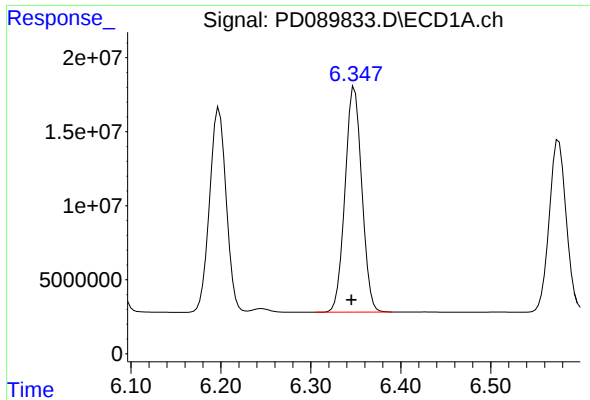
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.004 min
Response: 175620156
Conc: 47.09 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 1206229944
Conc: 57.07 ng/ml



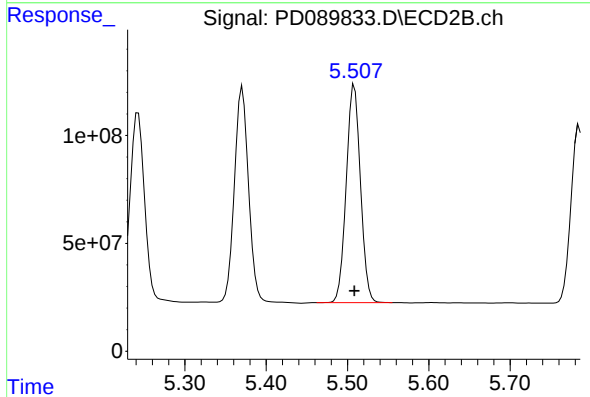
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.003 min
Response: 197227760
Conc: 46.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

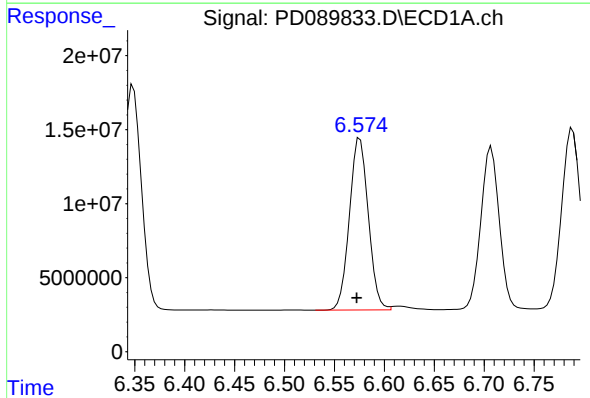
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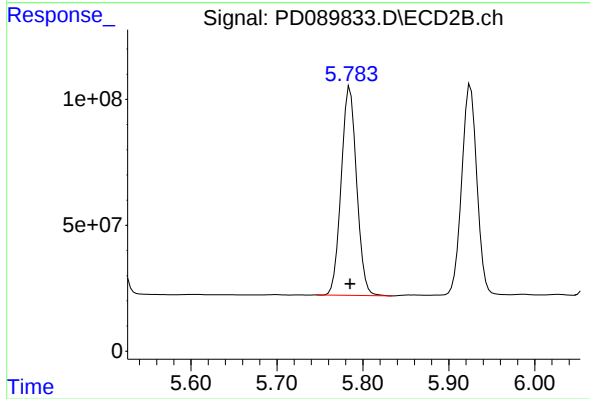
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 1224224128
Conc: 56.58 ng/ml



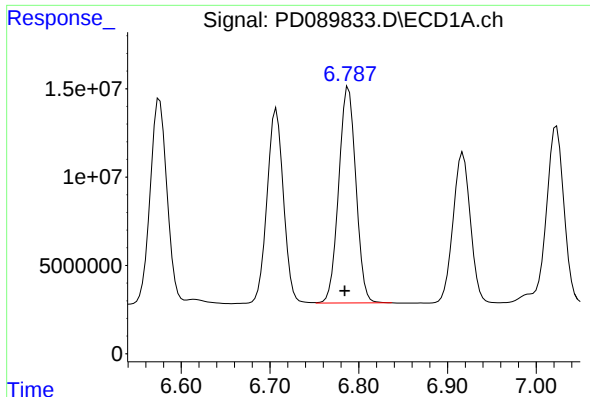
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.003 min
Response: 152831306
Conc: 42.72 ng/ml



#14 Endrin

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1036402684
Conc: 52.01 ng/ml



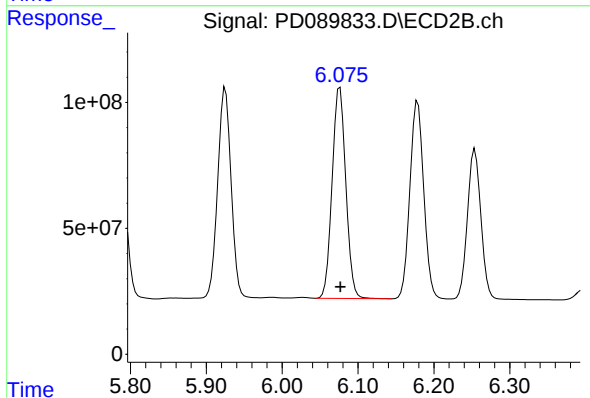
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.004 min
Response: 164558372
Conc: 44.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

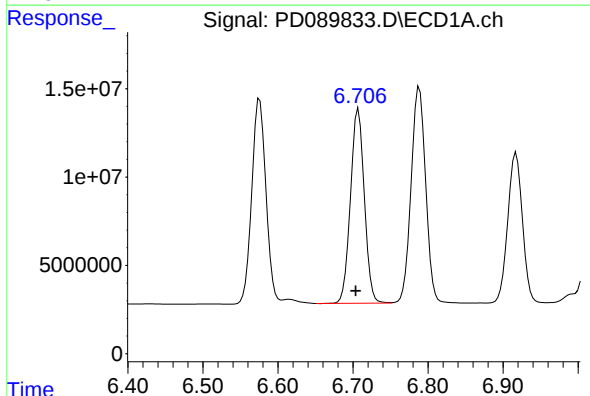
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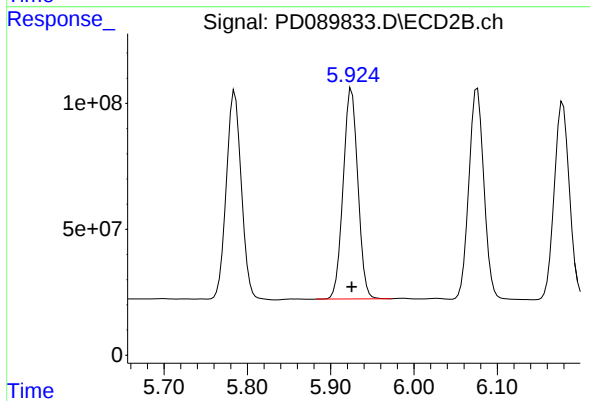
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 1051796192
Conc: 55.95 ng/ml



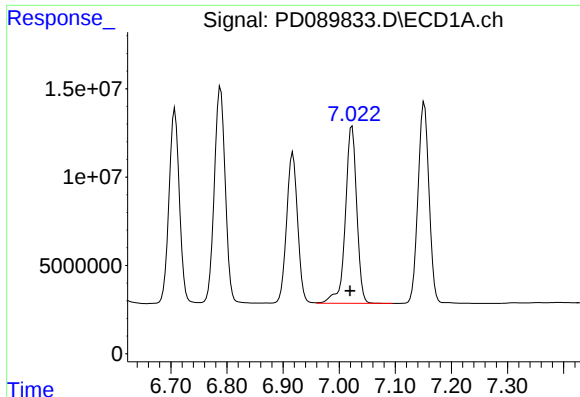
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.004 min
Response: 141310255
Conc: 47.18 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 1024337418
Conc: 58.09 ng/ml



#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.004 min
Response: 141373670
Conc: 42.07 ng/ml

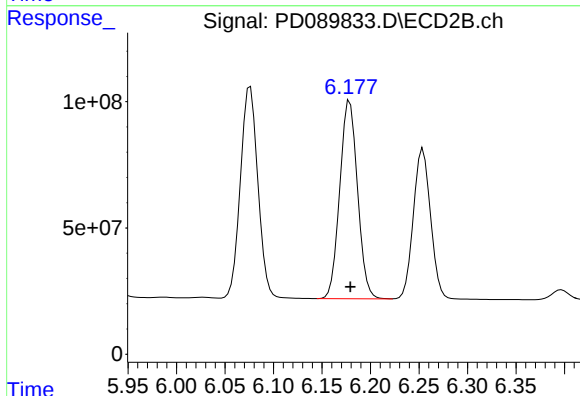
Instrument :

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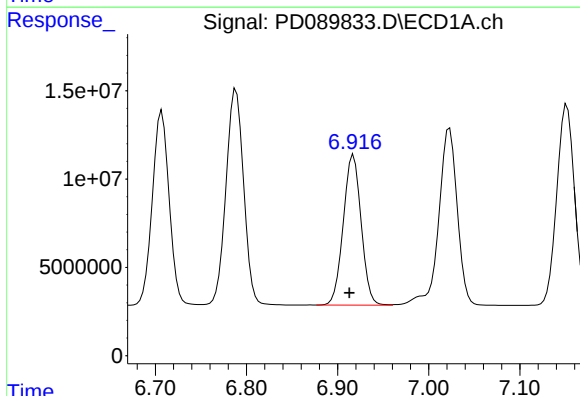
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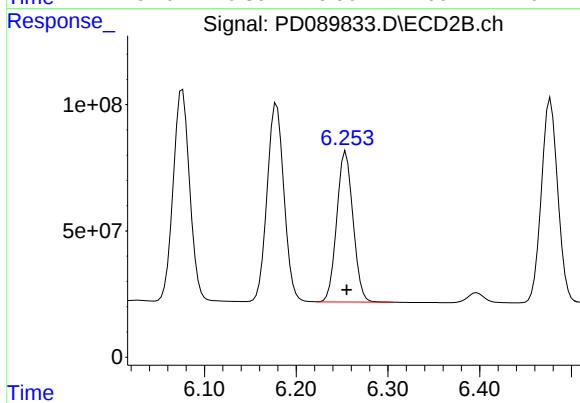
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 1000257887
Conc: 54.44 ng/ml



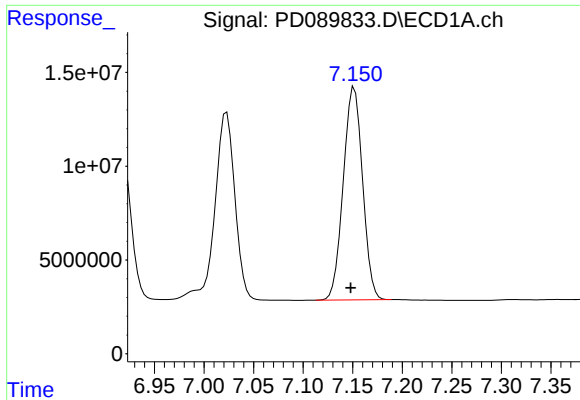
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.004 min
Response: 115650367
Conc: 46.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 733626530
Conc: 56.78 ng/ml



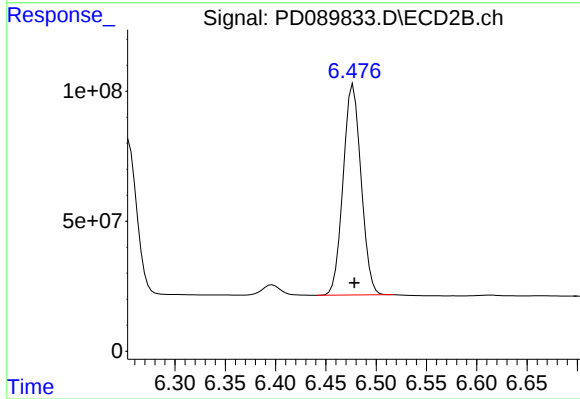
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: 0.004 min
Response: 153760078
Conc: 44.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
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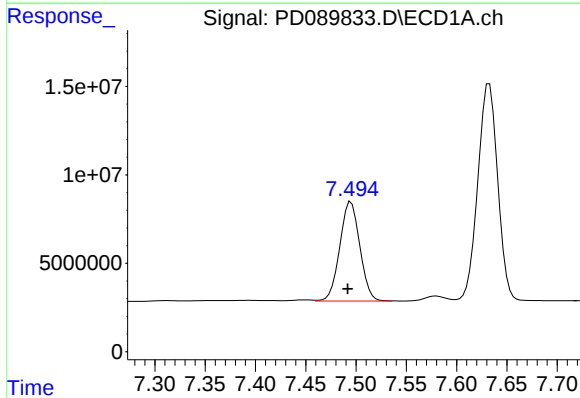
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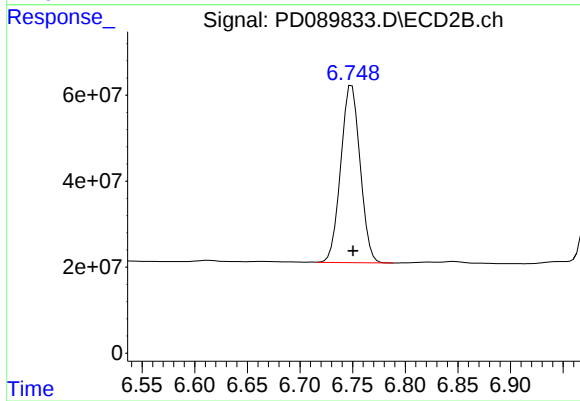
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: -0.001 min
Response: 1004133988
Conc: 54.09 ng/ml



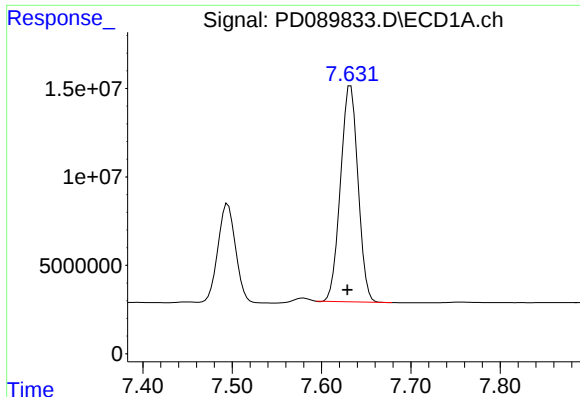
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.002 min
Response: 77618682
Conc: 43.41 ng/ml m



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: -0.001 min
Response: 528888951
Conc: 53.99 ng/ml



#21 Endrin ketone

R.T.: 7.633 min
Delta R.T.: 0.004 min
Response: 166207826
Conc: 44.75 ng/ml

Instrument :

ECD_D

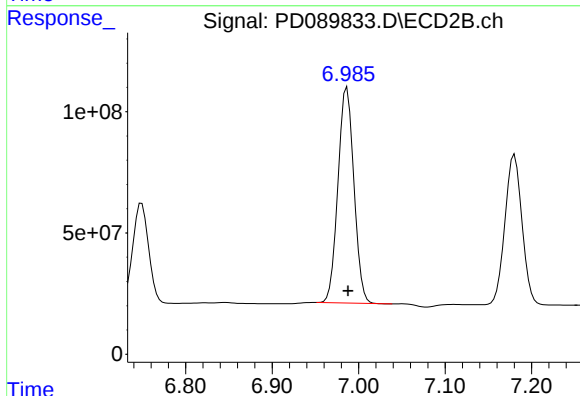
ClientSampleId :

PSTDCCC050

Manual Integrations

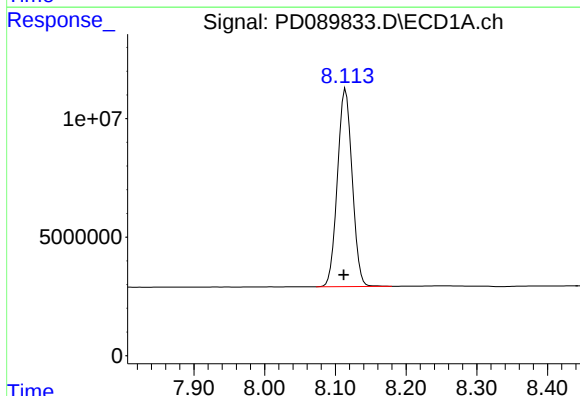
APPROVED

Reviewed By :Abdul Mirza 08/12/2025
Supervised By :mohammad ahmed 08/13/2025



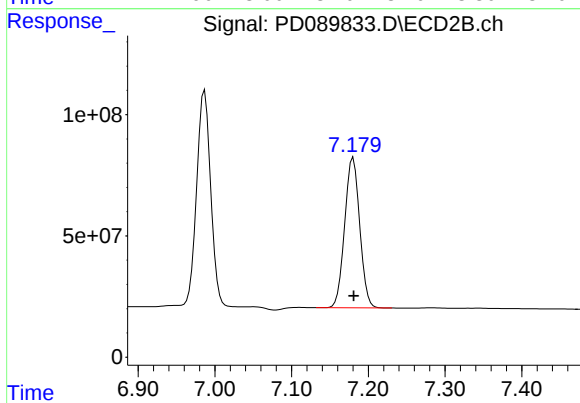
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.001 min
Response: 1132023292
Conc: 56.41 ng/ml



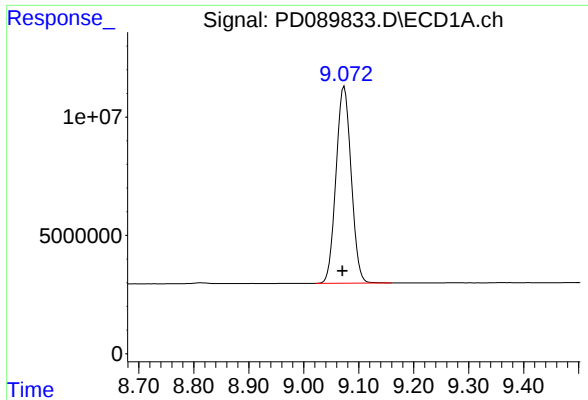
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.003 min
Response: 120596485
Conc: 43.25 ng/ml



#22 Mirex

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 848323381
Conc: 55.73 ng/ml



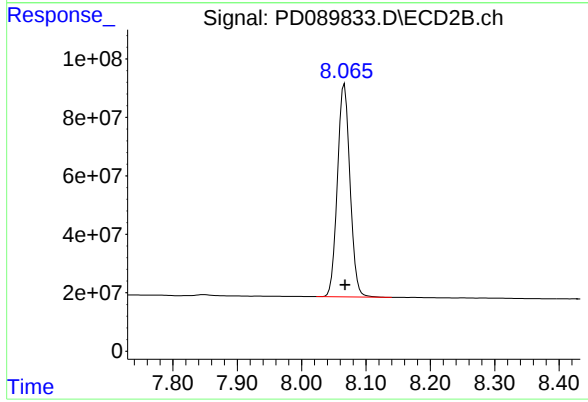
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.003 min
Response: 159408504
Conc: 42.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 08/13/2025



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: -0.001 min
Response: 992894390
Conc: 49.45 ng/ml