

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091525\
 Data File : PD090280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 18:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/16/2025
 Supervised By : mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 07:08:23 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...	3.545	2.876	134.8E6	1153.5E6	45.920m	52.313
28)	SA Decachlor...	9.066	8.063	209.8E6	1405.3E6	48.603	54.289
Target Compounds							
2)	A alpha-BHC	3.995	3.388	301.6E6	1853.7E6	50.242	54.619
3)	MA gamma-BHC...	4.325	3.724	281.0E6	1715.2E6	49.063m	55.025
4)	MA Heptachlor	4.924	4.077	280.6E6	1710.0E6	50.033	54.822
5)	MB Aldrin	5.264	4.362	268.0E6	1677.7E6	49.505m	55.086
6)	B beta-BHC	4.513	4.020	107.6E6	726.9E6	47.983	54.533
7)	B delta-BHC	4.761	4.256	280.5E6	1731.6E6	54.165	54.885
8)	B Heptachlo...	5.685	4.865	237.4E6	1513.8E6	48.381	54.659
9)	A Endosulfan I	6.069	5.240	220.5E6	1433.0E6	47.781	54.649
10)	B gamma-Chl...	5.941	5.118	238.4E6	1633.4E6	48.745	55.160
11)	B alpha-Chl...	6.020	5.183	239.6E6	1567.6E6	48.665m	54.930
12)	B 4,4'-DDE	6.191	5.367	217.6E6	1592.5E6	49.584	55.252
13)	MA Dieldrin	6.340	5.505	242.1E6	1624.4E6	49.448m	55.463
14)	MA Endrin	6.567	5.780	206.2E6	1475.4E6	49.755m	55.397m
15)	B Endosulfa...	6.782	6.073	196.5E6	1399.3E6	46.562	55.321
16)	A 4,4'-DDD	6.701	5.922	170.8E6	1333.6E6	49.373	55.467
17)	MA 4,4'-DDT	7.015	6.176	181.2E6	1435.9E6	47.553m	57.275
18)	B Endrin al...	6.910	6.251	140.7E6	978.8E6	49.068	56.843
19)	B Endosulfa...	7.143	6.475	190.4E6	1347.4E6	48.596m	55.267
20)	A Methoxychlor	7.488	6.746	98017031	715.3E6	48.871	55.472
21)	B Endrin ke...	7.625	6.984	207.2E6	1484.7E6	49.986	55.722
22)	Mirex	8.108	7.176	150.8E6	1142.2E6	47.794	55.297

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091525\
Data File : PD090280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 18:01
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

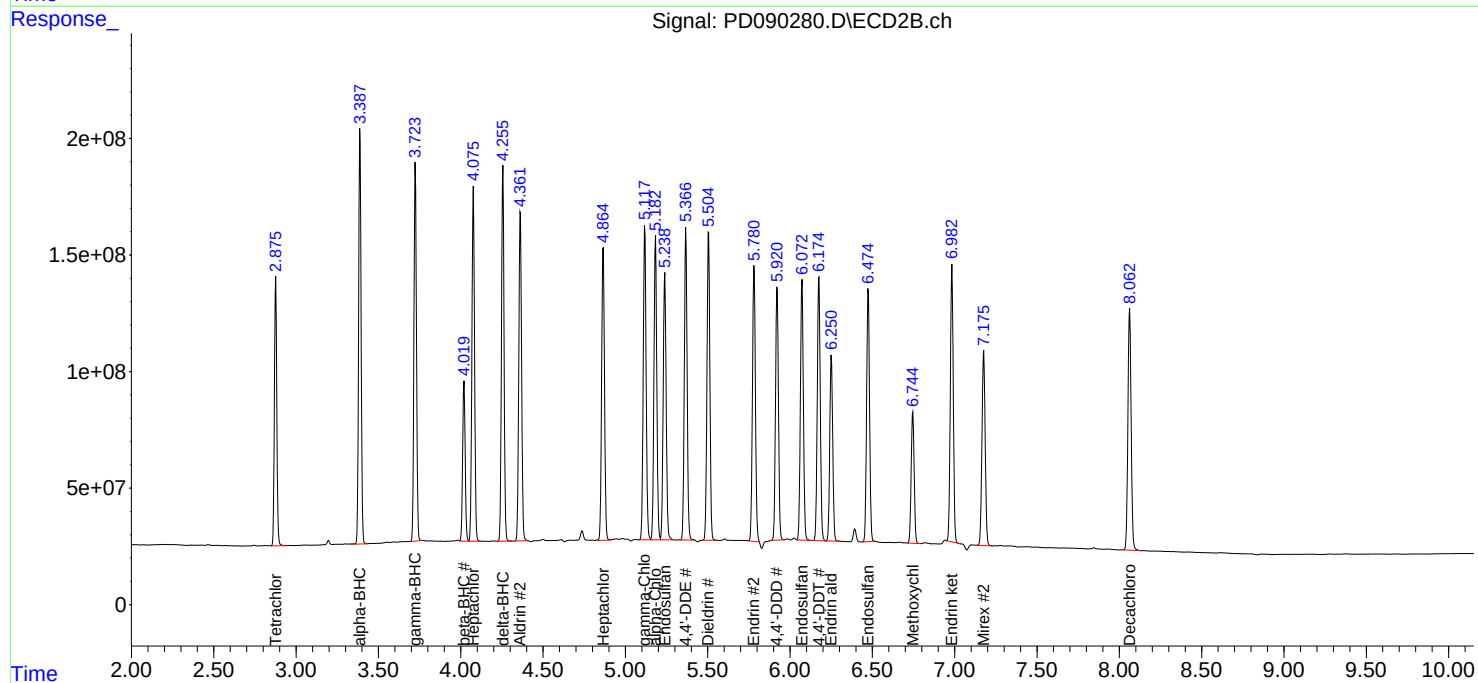
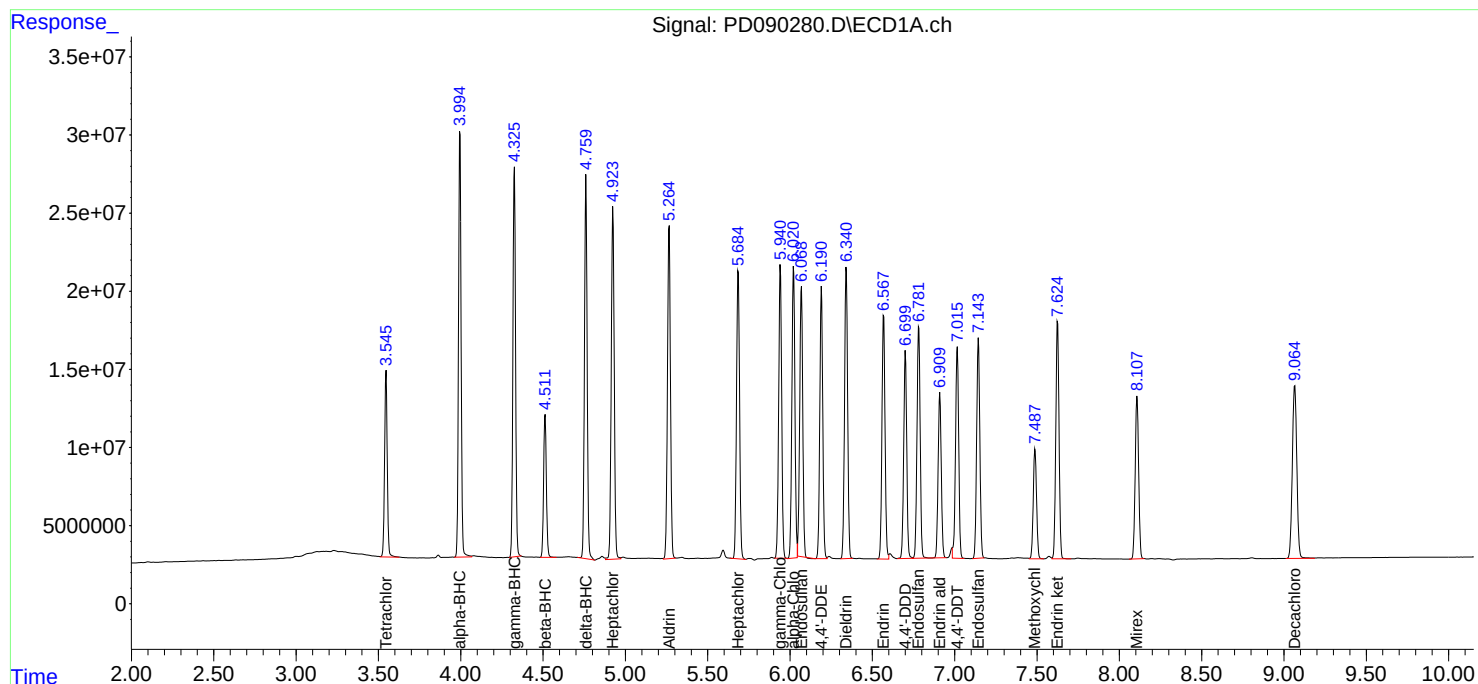
APPROVED

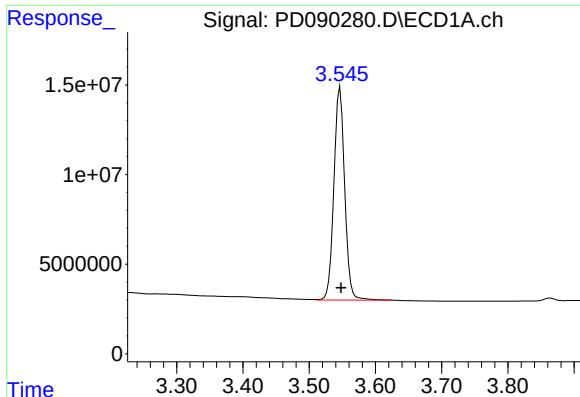
Reviewed By :Abdul Mirza 09/16/2025

Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 07:08:23 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





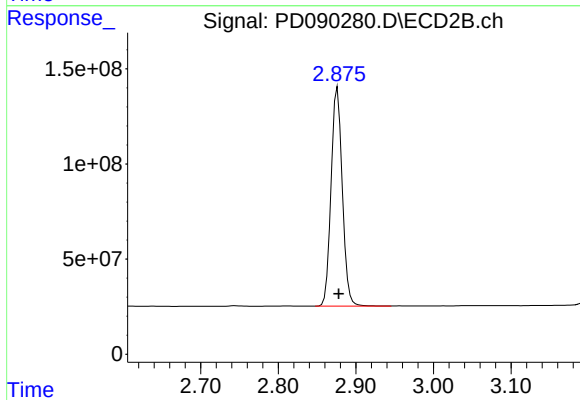
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.003 min
Response: 134768483
Conc: 45.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

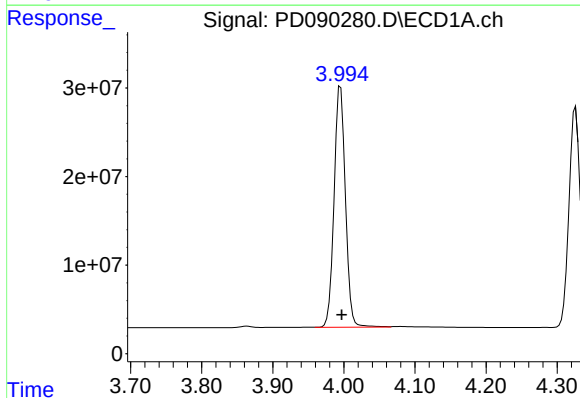
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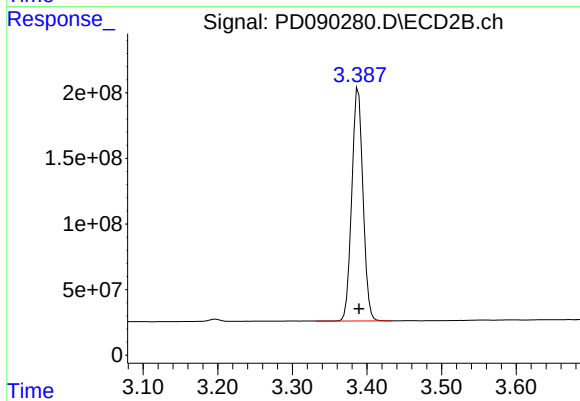
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 1153526460
Conc: 52.31 ng/ml



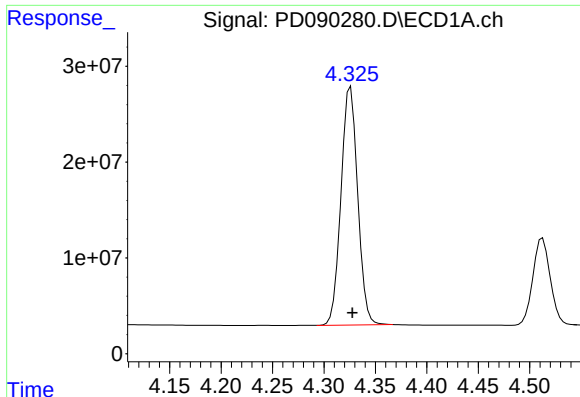
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.002 min
Response: 301562339
Conc: 50.24 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.001 min
Response: 1853712154
Conc: 54.62 ng/ml



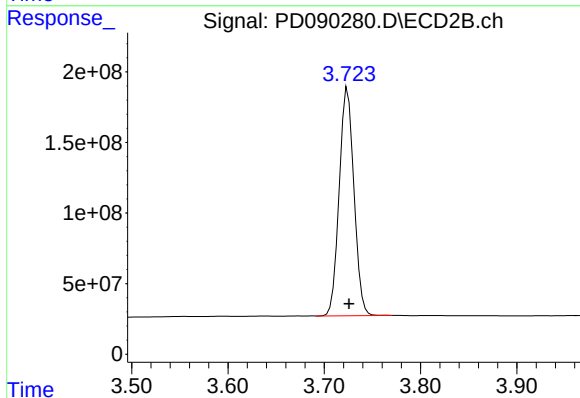
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 280975887
Conc: 49.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

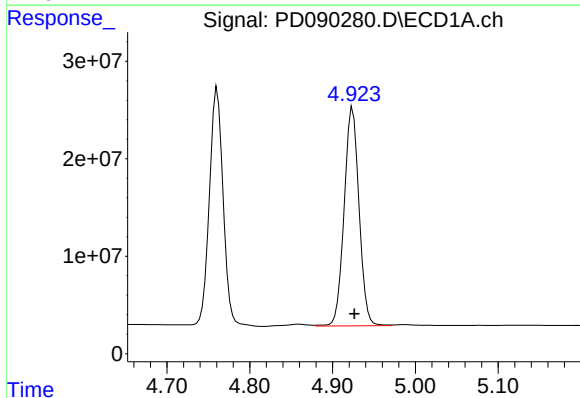
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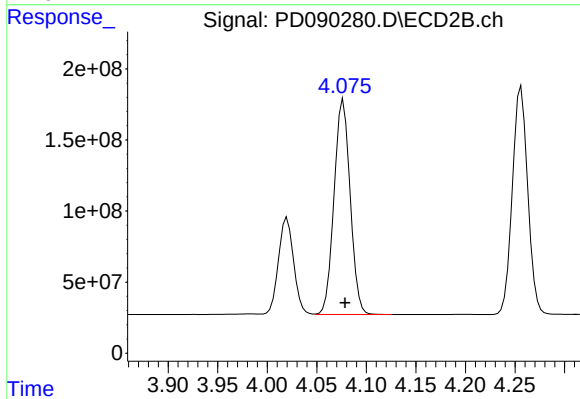
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.001 min
Response: 1715172355
Conc: 55.03 ng/ml



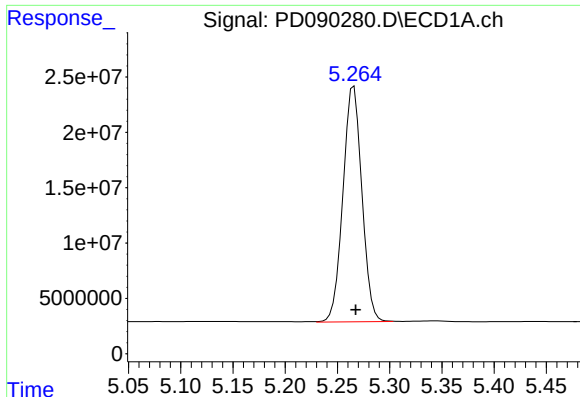
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: -0.002 min
Response: 280643142
Conc: 50.03 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: -0.001 min
Response: 1709972964
Conc: 54.82 ng/ml



#5 Aldrin

R.T.: 5.264 min
Delta R.T.: -0.003 min
Response: 268048124
Conc: 49.51 ng/ml

Instrument :

ECD_D

ClientSampleId :

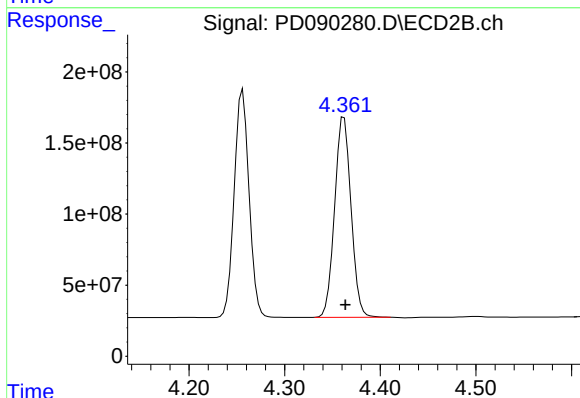
PSTDCCC050

Manual Integrations

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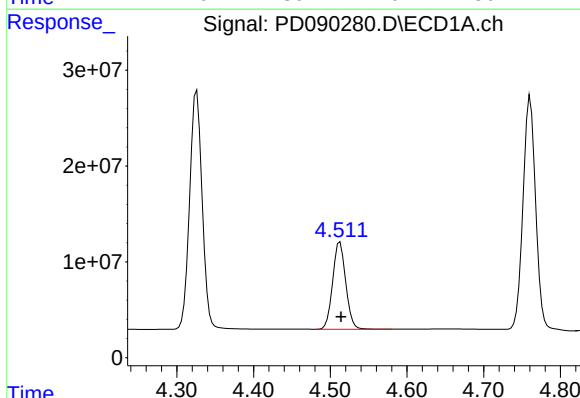
Reviewed By :Abdul Mirza 09/16/2025

Supervised By :mohammad ahmed 09/17/2025



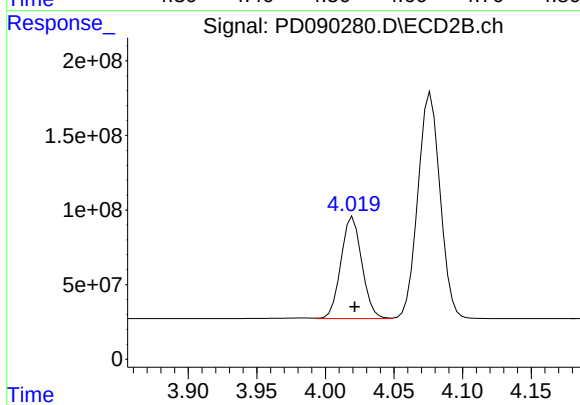
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 1677685972
Conc: 55.09 ng/ml



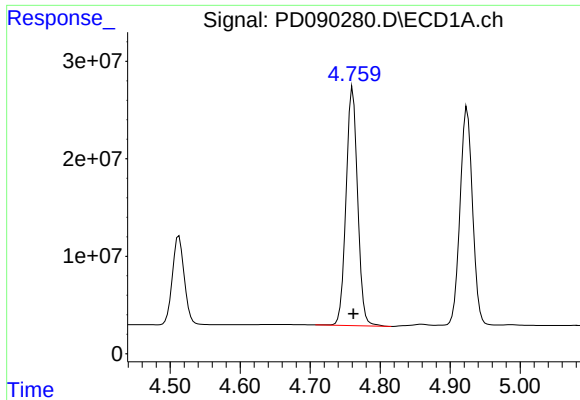
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: -0.001 min
Response: 107628033
Conc: 47.98 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: -0.001 min
Response: 726936367
Conc: 54.53 ng/ml



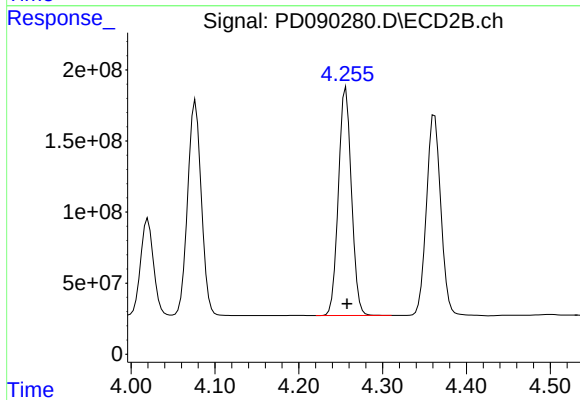
#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: -0.001 min
Response: 280450931
Conc: 54.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

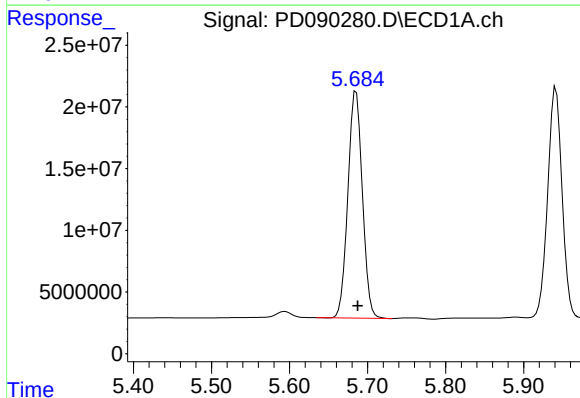
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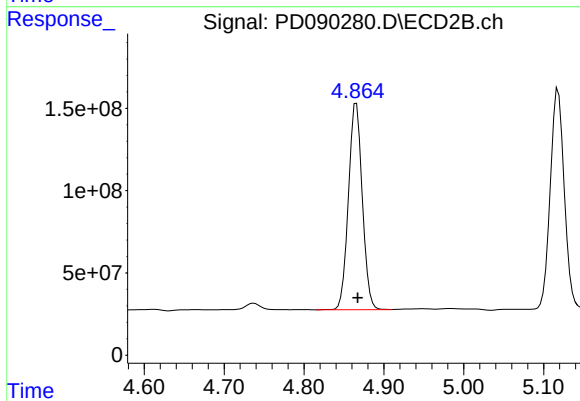
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: -0.001 min
Response: 1731611864
Conc: 54.89 ng/ml



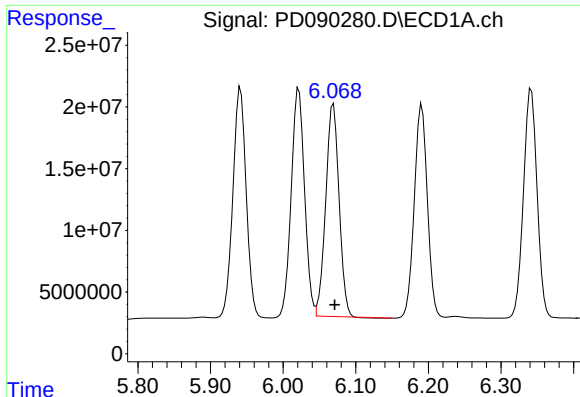
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 237393642
Conc: 48.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: -0.002 min
Response: 1513775927
Conc: 54.66 ng/ml



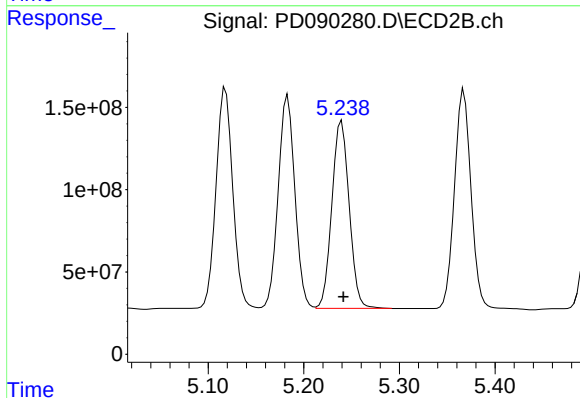
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: -0.002 min
Response: 220504123
Conc: 47.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

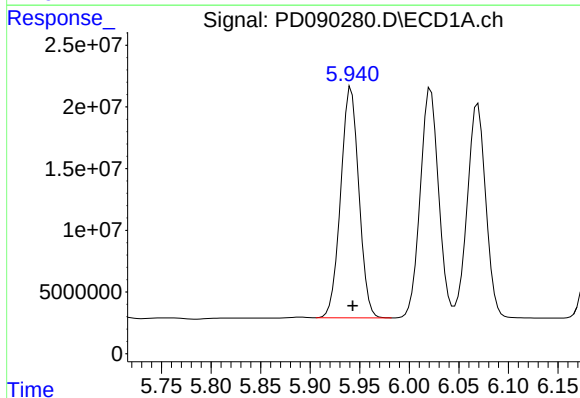
Manual Integrations
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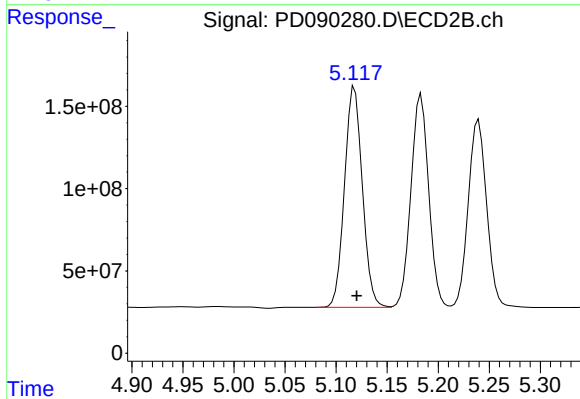
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 1432985484
Conc: 54.65 ng/ml



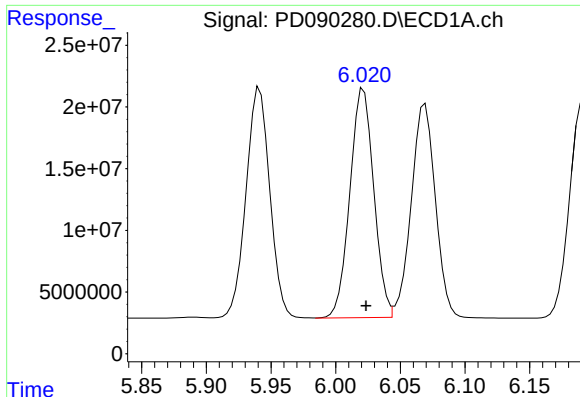
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 238409278
Conc: 48.74 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 1633367227
Conc: 55.16 ng/ml



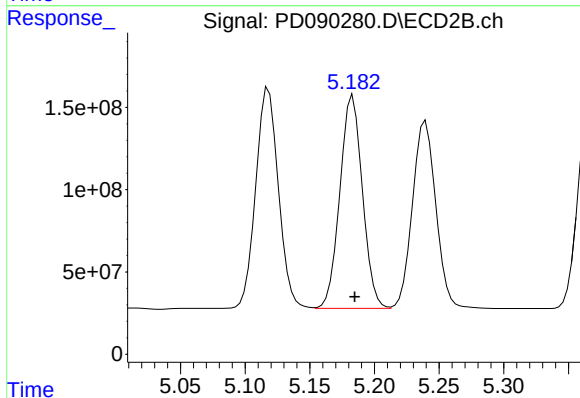
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: -0.003 min
Response: 239550144
Conc: 48.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

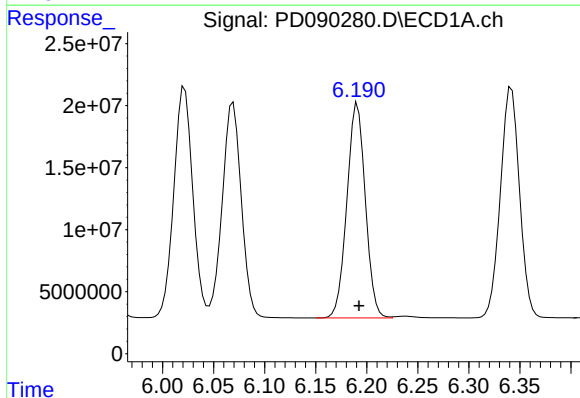
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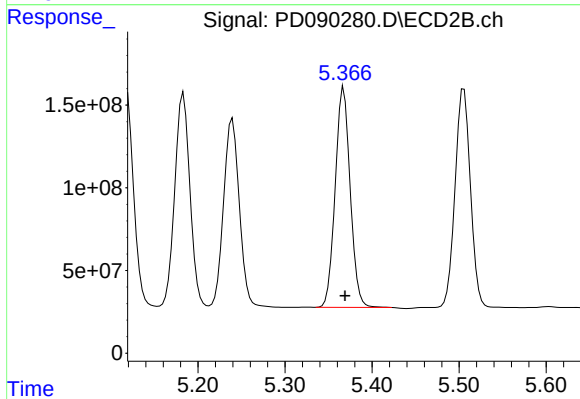
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 1567586692
Conc: 54.93 ng/ml



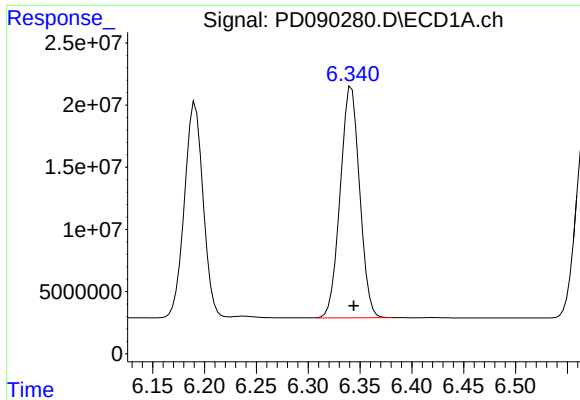
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.001 min
Response: 217588201
Conc: 49.58 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 1592513140
Conc: 55.25 ng/ml



#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 242086684
Conc: 49.45 ng/ml

Instrument :

ECD_D

ClientSampleId :

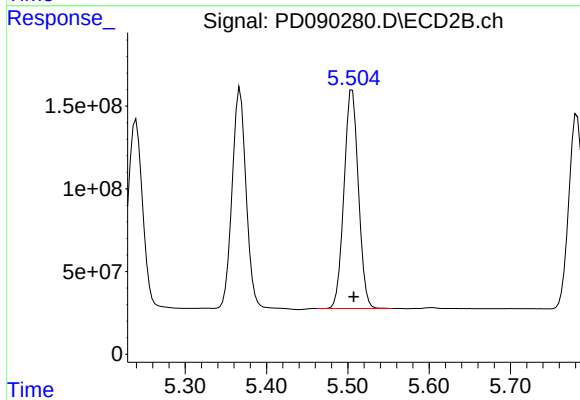
PSTDCCC050

Manual Integrations

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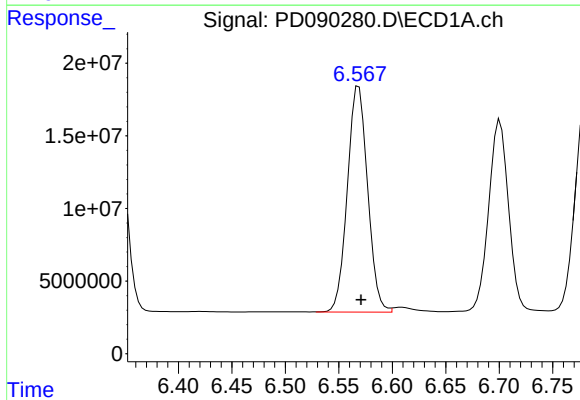
Reviewed By :Abdul Mirza 09/16/2025

Supervised By :mohammad ahmed 09/17/2025



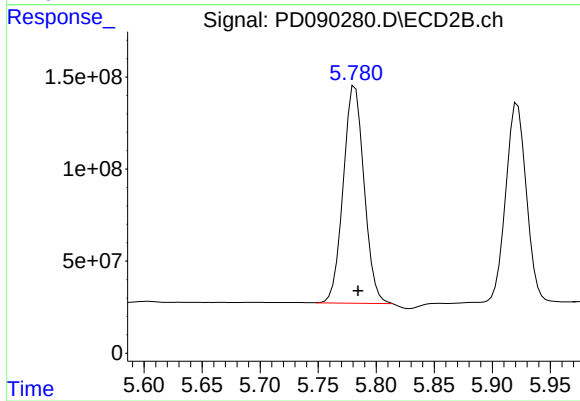
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 1624357935
Conc: 55.46 ng/ml



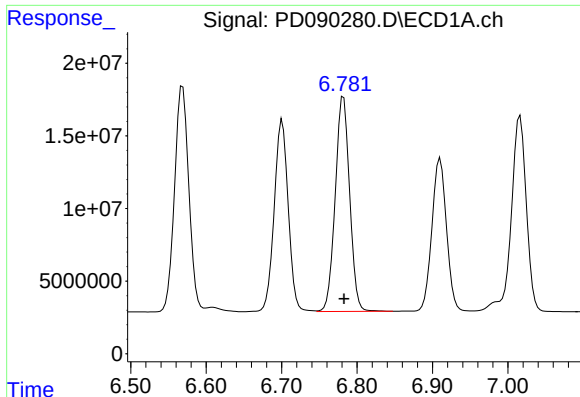
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.004 min
Response: 206164775
Conc: 49.76 ng/ml m



#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.004 min
Response: 1475354622
Conc: 55.40 ng/ml m



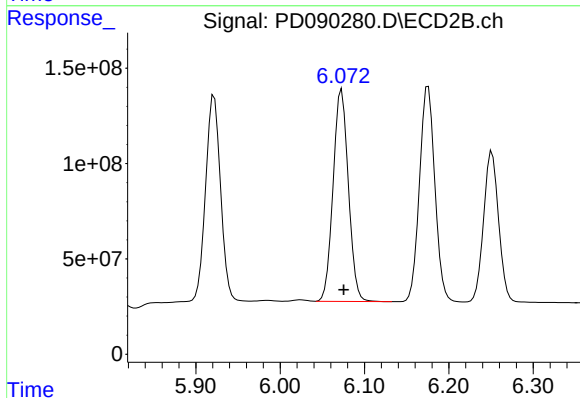
#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 196477049
Conc: 46.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

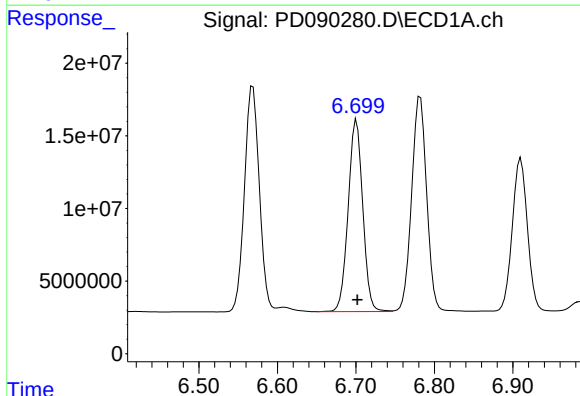
Manual Integrations
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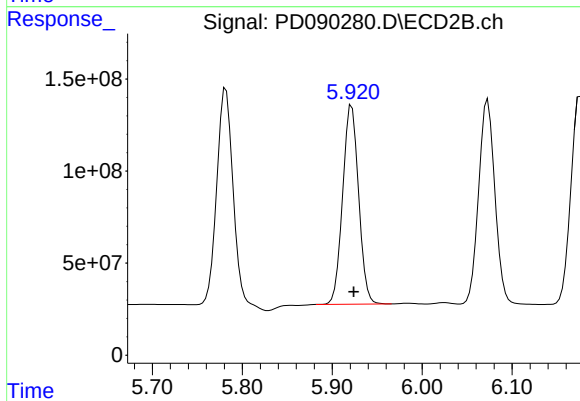
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 1399325042
Conc: 55.32 ng/ml



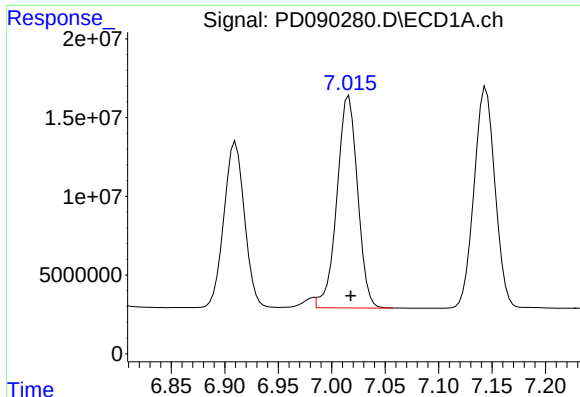
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.001 min
Response: 170788043
Conc: 49.37 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 1333625747
Conc: 55.47 ng/ml



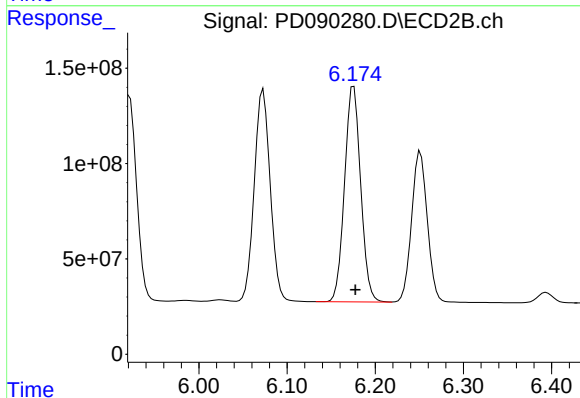
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: -0.003 min
Response: 181165225
Conc: 47.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

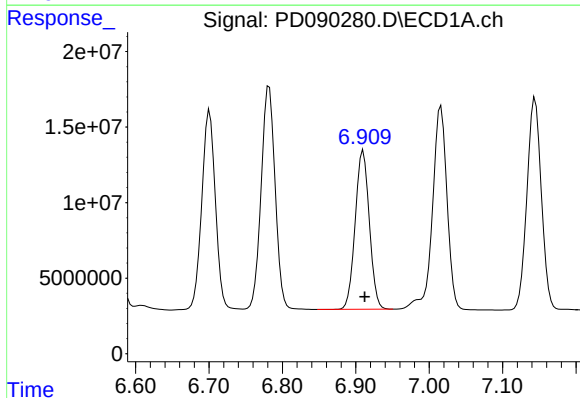
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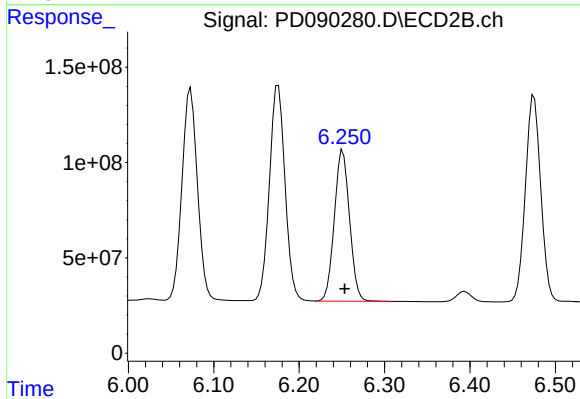
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 1435876808
Conc: 57.28 ng/ml



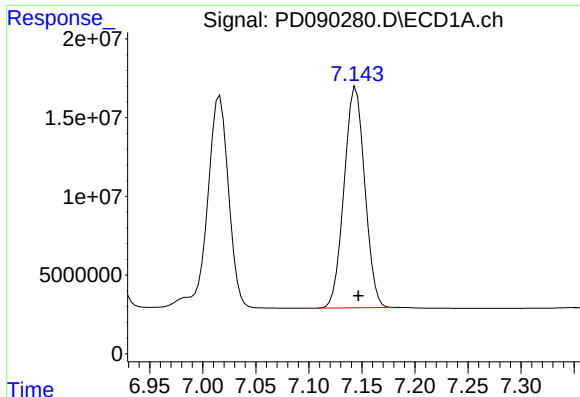
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: -0.002 min
Response: 140684831
Conc: 49.07 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: -0.002 min
Response: 978838112
Conc: 56.84 ng/ml



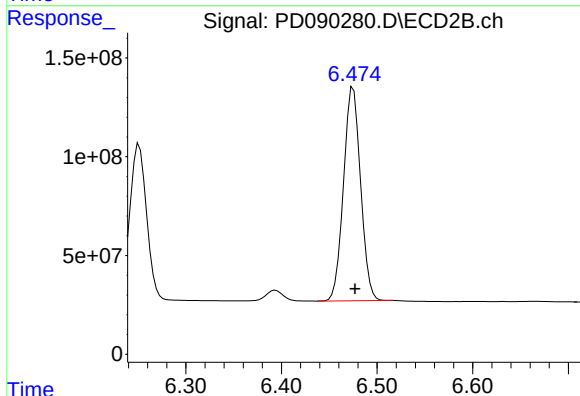
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.004 min
Response: 190424539
Conc: 48.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

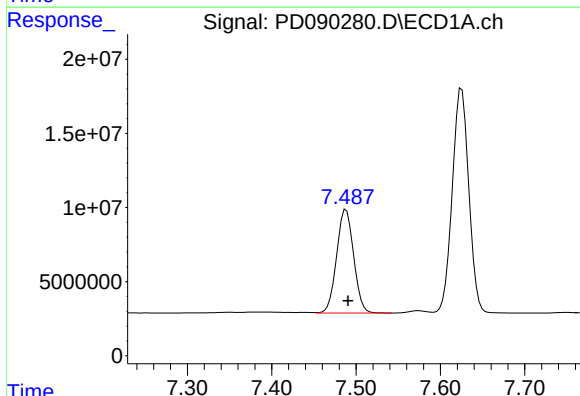
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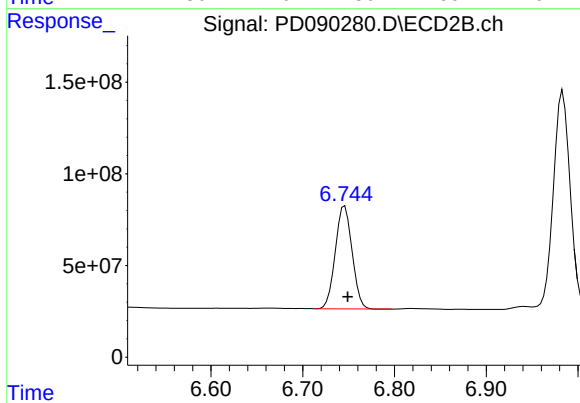
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 1347385460
Conc: 55.27 ng/ml



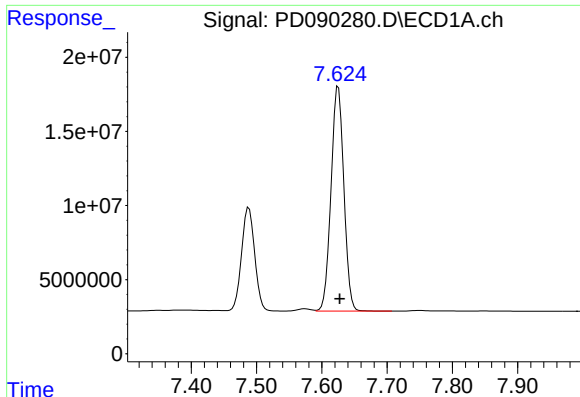
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: -0.002 min
Response: 98017031
Conc: 48.87 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 715348471
Conc: 55.47 ng/ml



#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 207167369
Conc: 49.99 ng/ml

Instrument :

ECD_D

ClientSampleId :

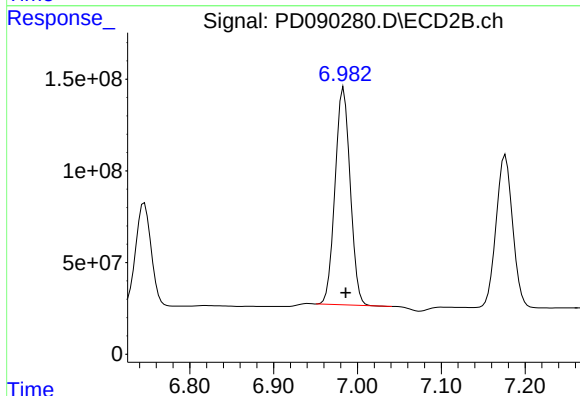
PSTDCCC050

Manual Integrations

APPROVED

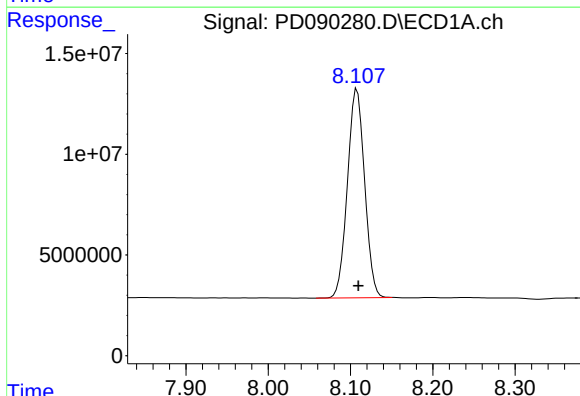
Reviewed By :Abdul Mirza 09/16/2025

Supervised By :mohammad ahmed 09/17/2025



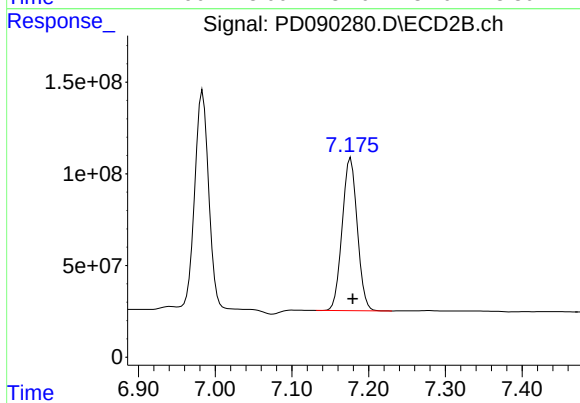
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.003 min
Response: 1484696032
Conc: 55.72 ng/ml



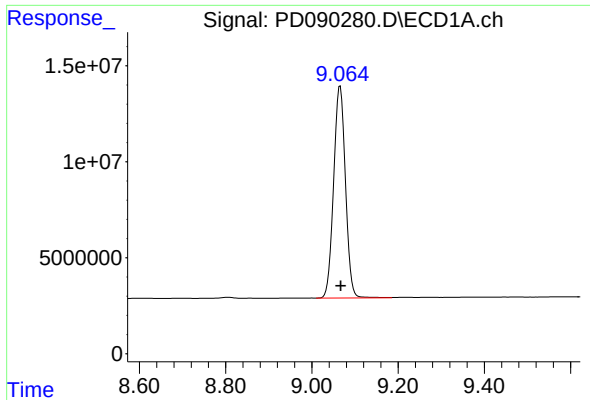
#22 Mirex

R.T.: 8.108 min
Delta R.T.: -0.002 min
Response: 150765044
Conc: 47.79 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.003 min
Response: 1142196562
Conc: 55.30 ng/ml



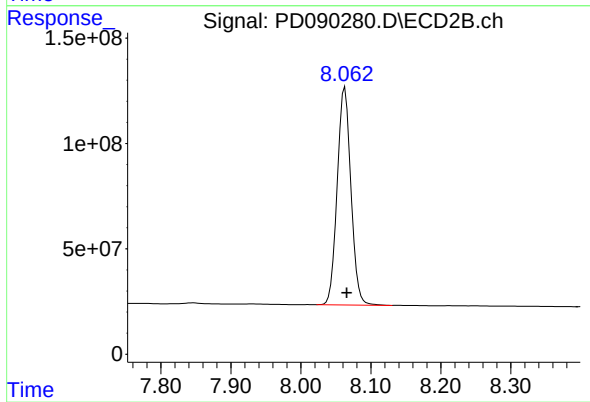
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.001 min
Response: 209768713
Conc: 48.60 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: 1405318482
Conc: 54.29 ng/ml