

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091625\
 Data File : PD090286.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2025 09:45
 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 02:46:21 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	140.2E6	1152.3E6	47.781	52.256
28)	SA Decachlor...	9.064	8.062	206.8E6	1420.4E6	47.926	54.872
Target Compounds							
2)	A alpha-BHC	3.996	3.388	299.4E6	1851.9E6	49.888	54.567
3)	MA gamma-BHC...	4.325	3.724	280.5E6	1712.7E6	48.976m	54.946
4)	MA Heptachlor	4.925	4.077	280.8E6	1702.1E6	50.063	54.571
5)	MB Aldrin	5.265	4.362	264.6E6	1680.4E6	48.874m	55.174
6)	B beta-BHC	4.513	4.020	107.1E6	726.1E6	47.726	54.468
7)	B delta-BHC	4.761	4.256	277.7E6	1733.3E6	53.631	54.938
8)	B Heptachlo...	5.686	4.865	235.2E6	1514.8E6	47.939	54.695
9)	A Endosulfan I	6.069	5.240	220.0E6	1442.4E6	47.672	55.006
10)	B gamma-Chl...	5.941	5.119	236.7E6	1640.8E6	48.393	55.412
11)	B alpha-Chl...	6.020	5.183	238.1E6	1575.6E6	48.378m	55.211
12)	B 4,4'-DDE	6.191	5.368	215.6E6	1601.9E6	49.132	55.577
13)	MA Dieldrin	6.340	5.505	241.0E6	1629.1E6	49.232m	55.626
14)	MA Endrin	6.568	5.780	203.1E6	1458.3E6	49.011m	54.756m
15)	B Endosulfa...	6.782	6.073	195.2E6	1410.9E6	46.270	55.777
16)	A 4,4'-DDD	6.700	5.922	168.7E6	1340.6E6	48.762	55.756
17)	MA 4,4'-DDT	7.015	6.176	181.6E6	1446.2E6	47.677m	57.685
18)	B Endrin al...	6.910	6.251	141.3E6	991.7E6	49.288	57.592
19)	B Endosulfa...	7.143	6.475	189.8E6	1353.0E6	48.426m	55.499
20)	A Methoxychlor	7.489	6.745	98125437	706.1E6	48.925	54.755
21)	B Endrin ke...	7.625	6.983	205.8E6	1500.6E6	49.645	56.320
22)	Mirex	8.108	7.176	149.6E6	1152.0E6	47.426	55.774

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091625\
Data File : PD090286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Sep 2025 09:45
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

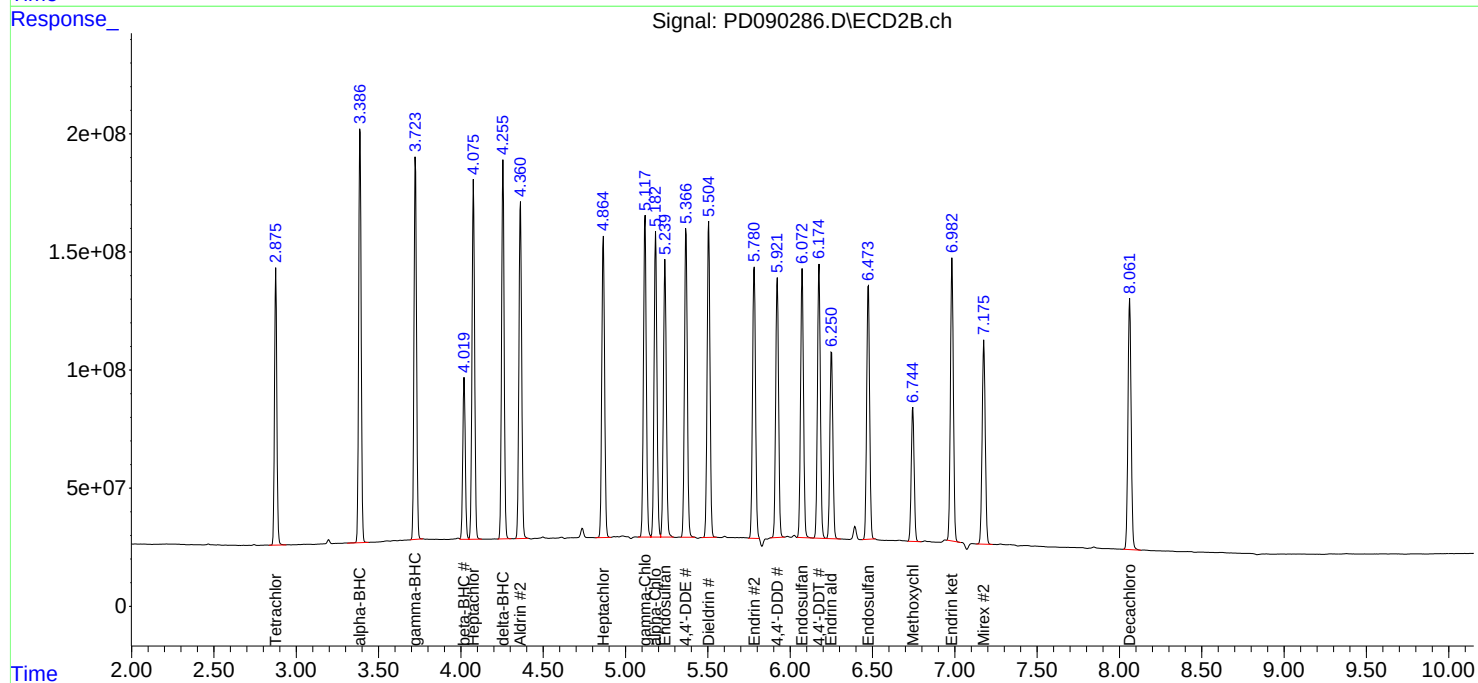
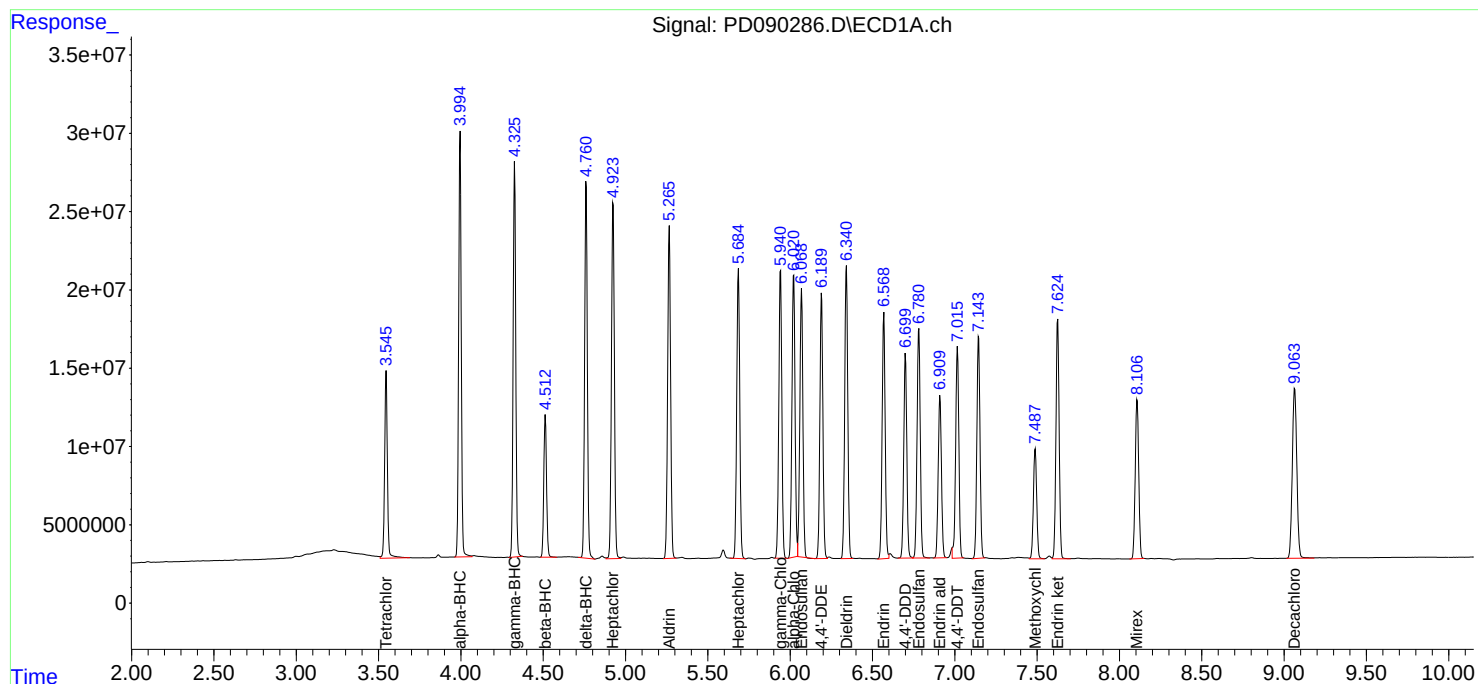
APPROVED

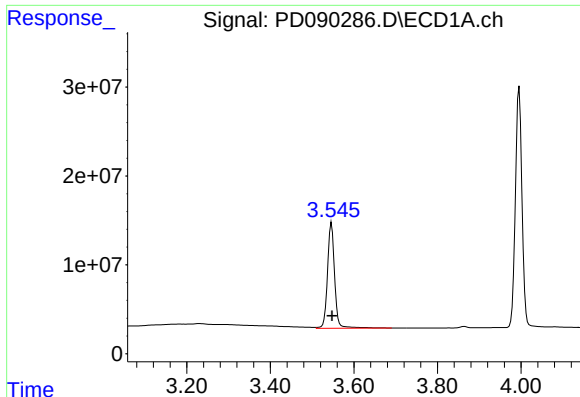
Reviewed By :Abdul Mirza 09/17/2025

Supervised By :mohammad ahmed 09/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 02:46:21 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: 140230950
Conc: 47.78 ng/ml

Instrument :

ECD_D

ClientSampleId :

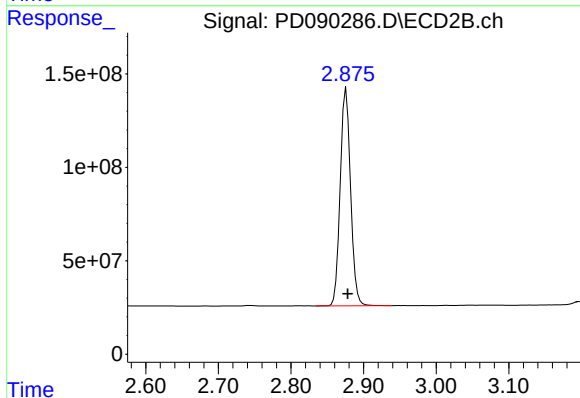
PSTDCCC050

Manual Integrations

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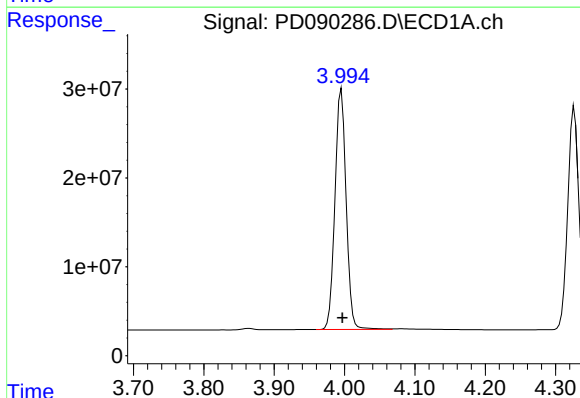
Reviewed By :Abdul Mirza 09/17/2025

Supervised By :mohammad ahmed 09/18/2025



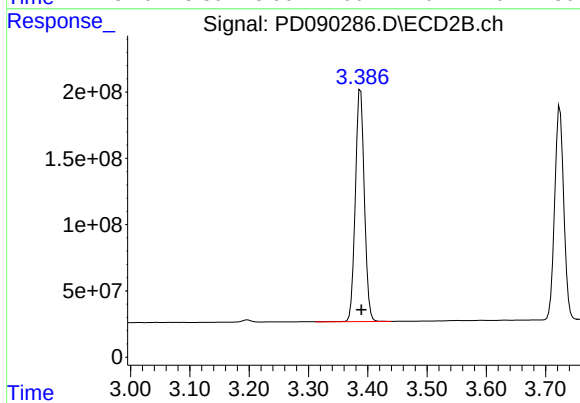
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 1152262950
Conc: 52.26 ng/ml



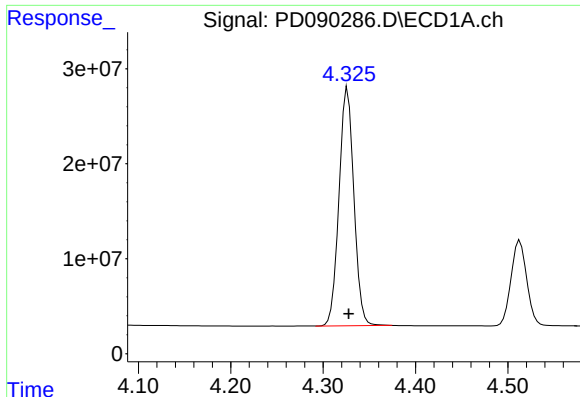
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.001 min
Response: 299442018
Conc: 49.89 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.002 min
Response: 1851935830
Conc: 54.57 ng/ml



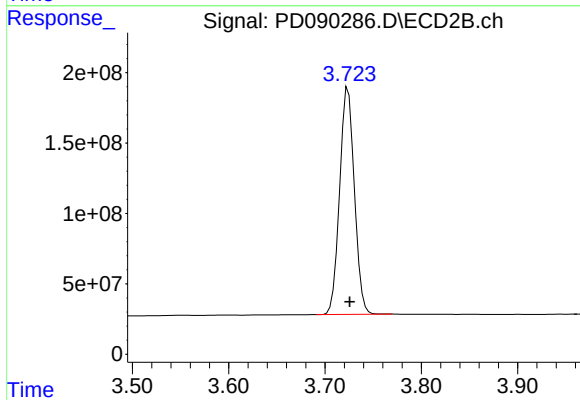
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 280477532
Conc: 48.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

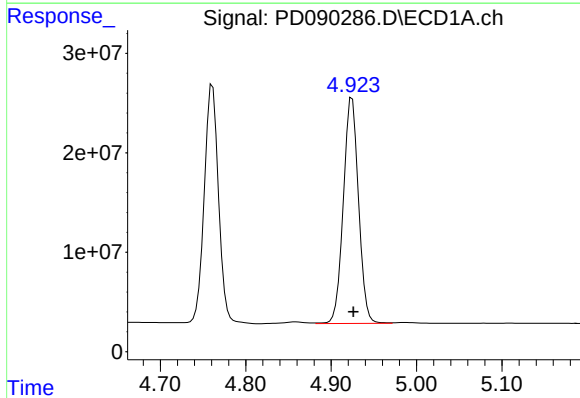
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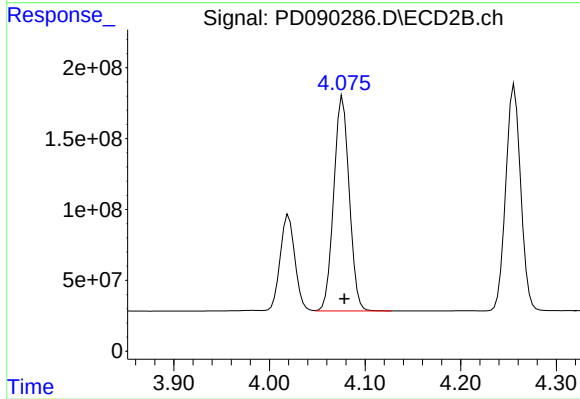
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.001 min
Response: 1712717467
Conc: 54.95 ng/ml



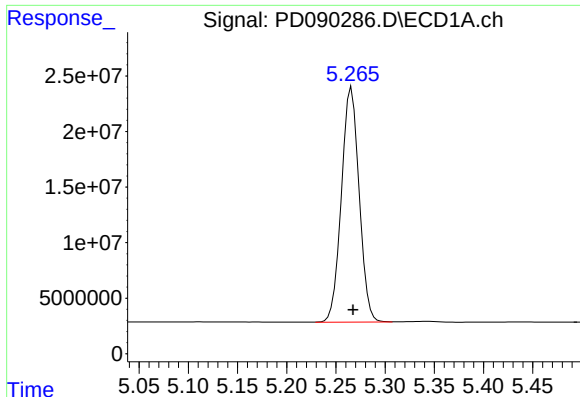
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 280809587
Conc: 50.06 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: -0.002 min
Response: 1702143210
Conc: 54.57 ng/ml



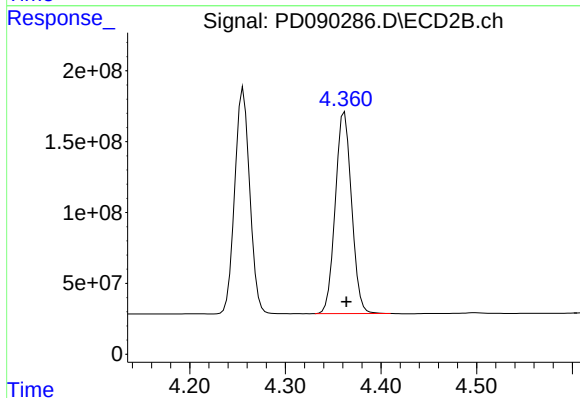
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.003 min
Response: 264631413
Conc: 48.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

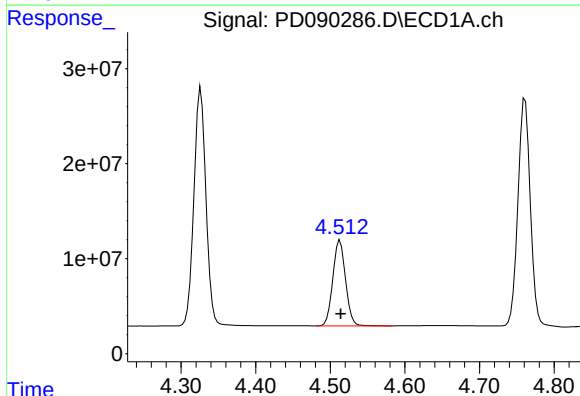
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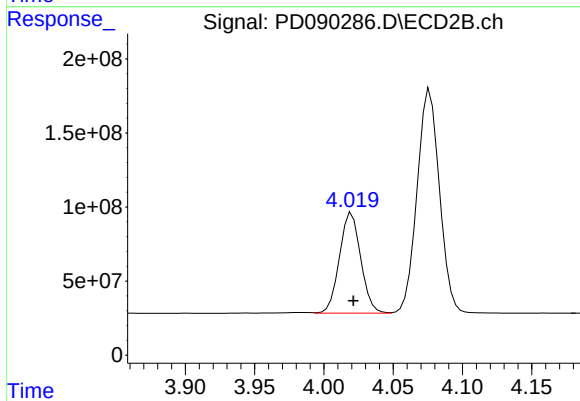
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 1680354042
Conc: 55.17 ng/ml



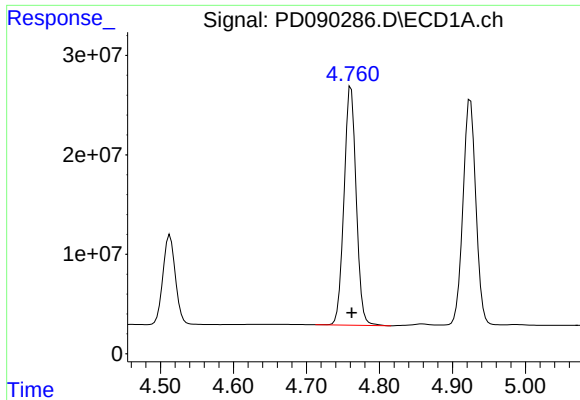
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 107050930
Conc: 47.73 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: -0.001 min
Response: 726066553
Conc: 54.47 ng/ml



#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 277687613
Conc: 53.63 ng/ml

Instrument :

ECD_D

ClientSampleId :

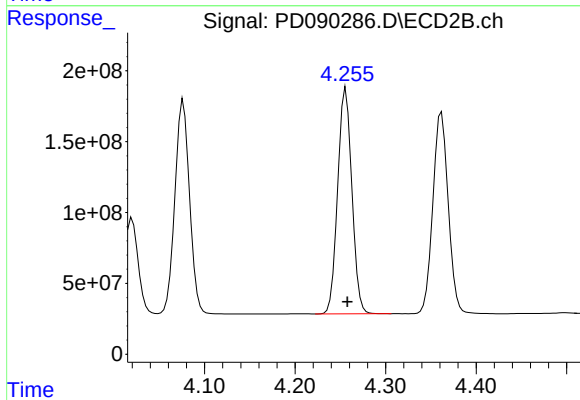
PSTDCCC050

Manual Integrations

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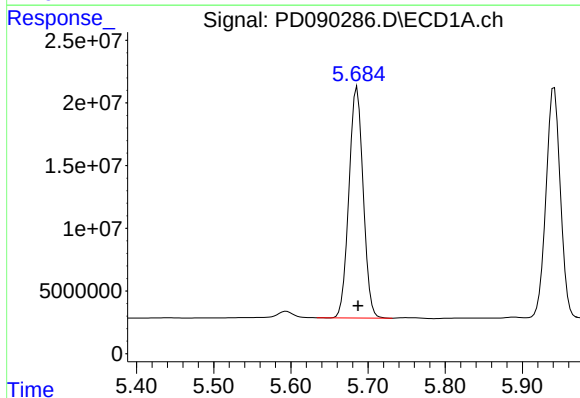
Reviewed By :Abdul Mirza 09/17/2025

Supervised By :mohammad ahmed 09/18/2025



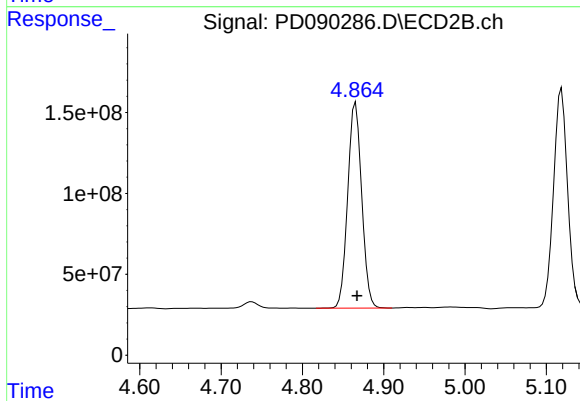
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: -0.002 min
Response: 1733282461
Conc: 54.94 ng/ml



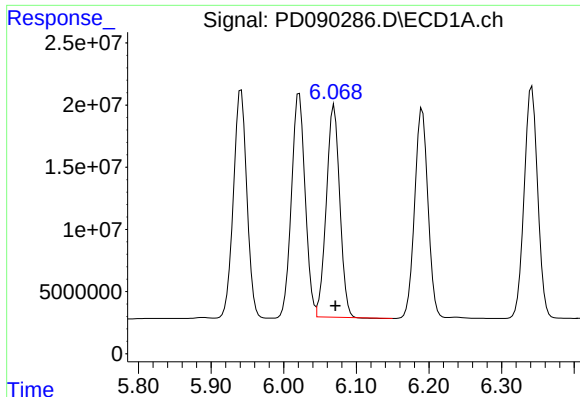
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 235229040
Conc: 47.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: -0.002 min
Response: 1514761056
Conc: 54.69 ng/ml



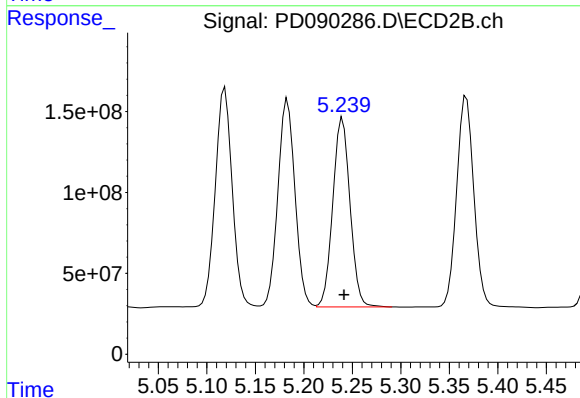
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: -0.002 min
Response: 22000888
Conc: 47.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

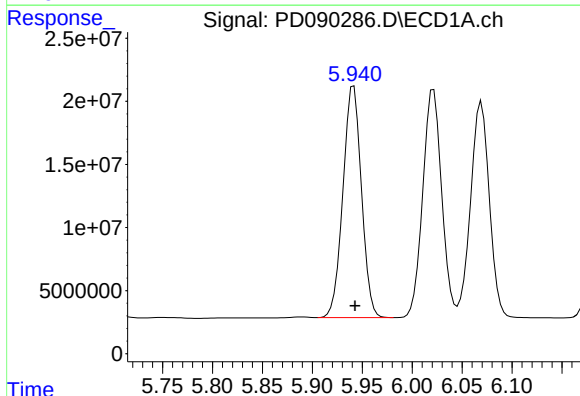
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Reviewed By :Abdul Mirza 09/17/2025
Supervised By :mohammad ahmed 09/18/2025



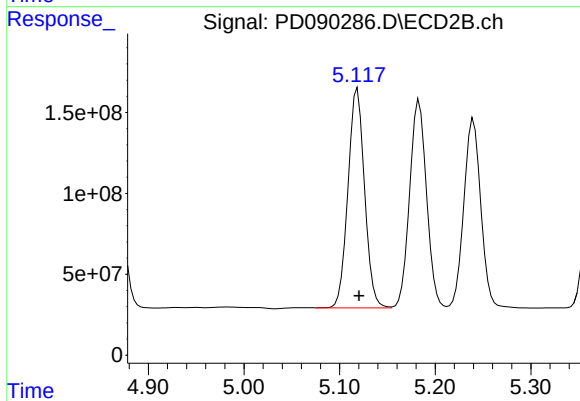
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 1442360213
Conc: 55.01 ng/ml



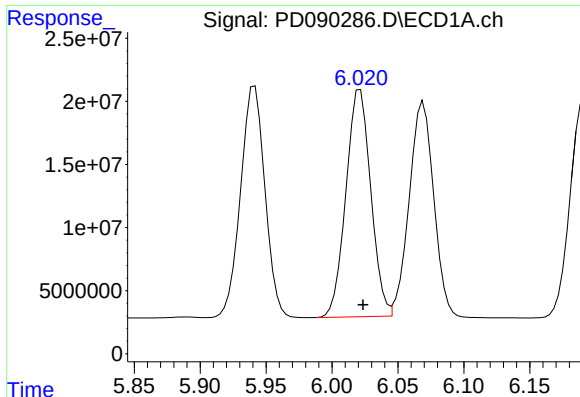
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.001 min
Response: 236687738
Conc: 48.39 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.002 min
Response: 1640829335
Conc: 55.41 ng/ml



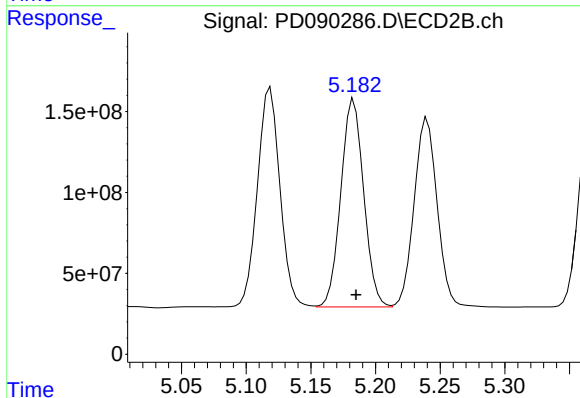
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: -0.004 min
Response: 238135850
Conc: 48.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

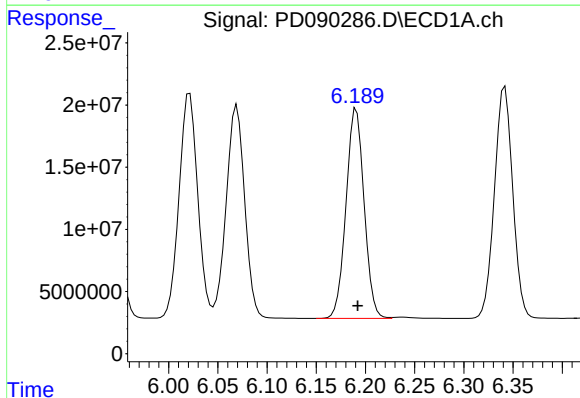
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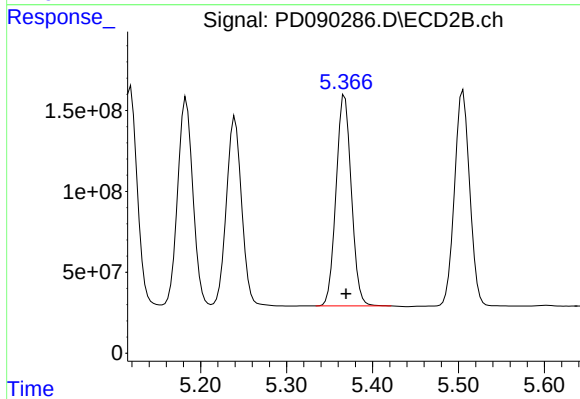
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 1575627513
Conc: 55.21 ng/ml



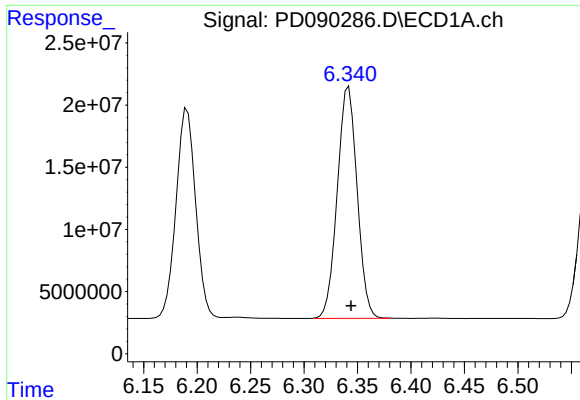
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 215608193
Conc: 49.13 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: -0.002 min
Response: 1601873023
Conc: 55.58 ng/ml



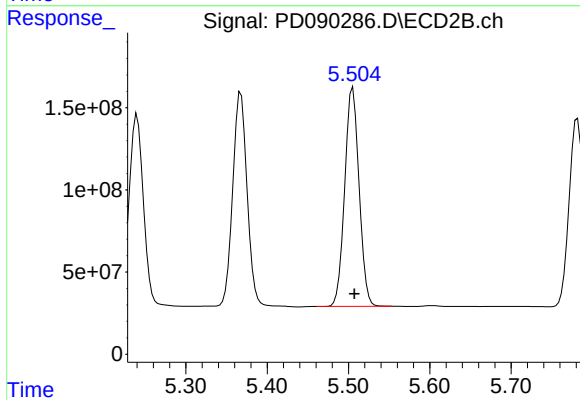
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.003 min
Response: 241028898
Conc: 49.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

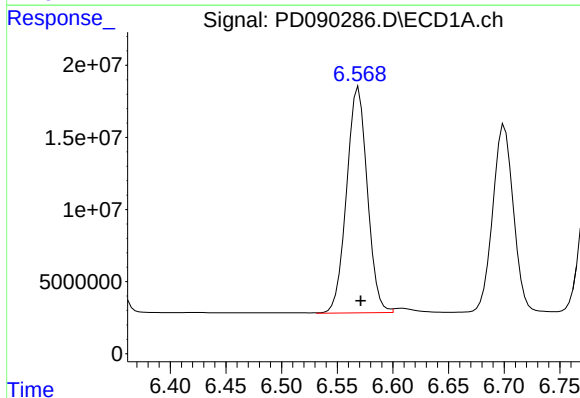
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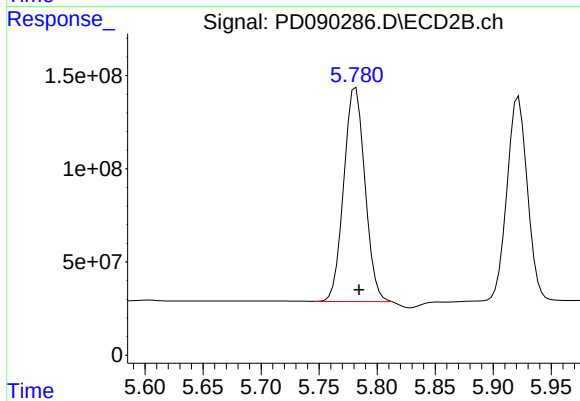
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 1629116536
Conc: 55.63 ng/ml



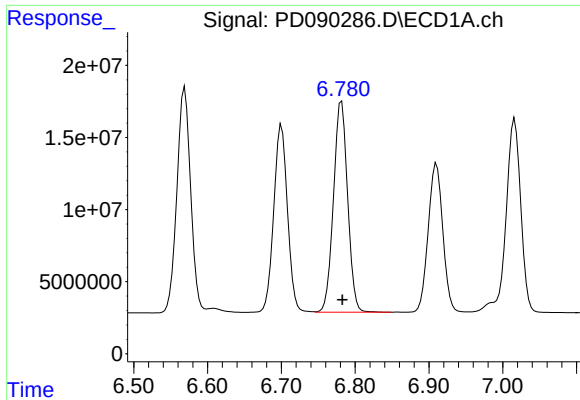
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 203079056
Conc: 49.01 ng/ml m



#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.004 min
Response: 1458280696
Conc: 54.76 ng/ml m



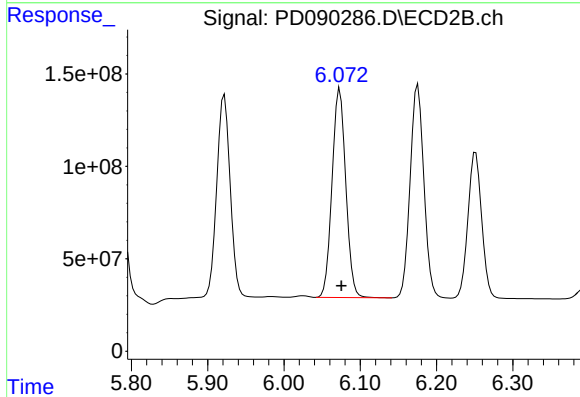
#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: -0.001 min
Response: 195245629
Conc: 46.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

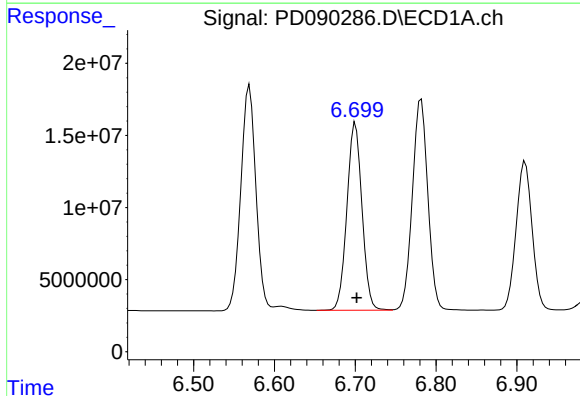
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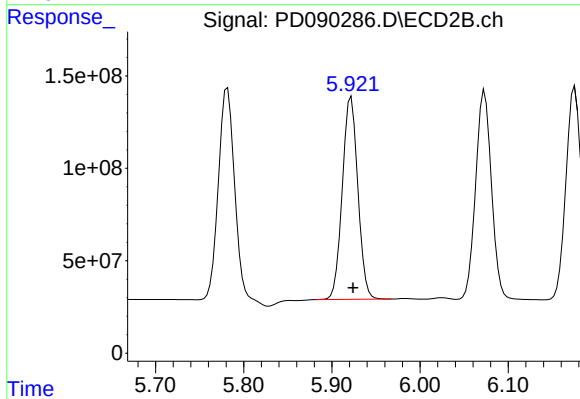
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 1410853802
Conc: 55.78 ng/ml



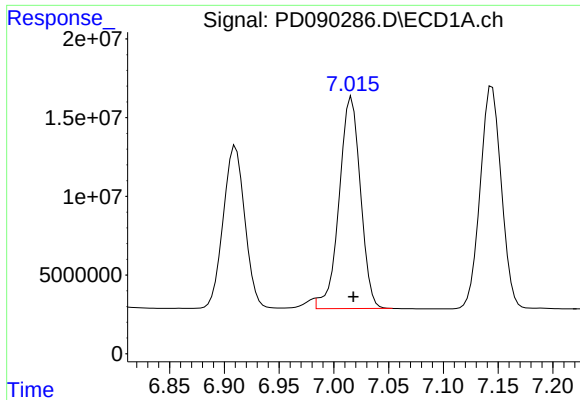
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.002 min
Response: 168674598
Conc: 48.76 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 1340587586
Conc: 55.76 ng/ml



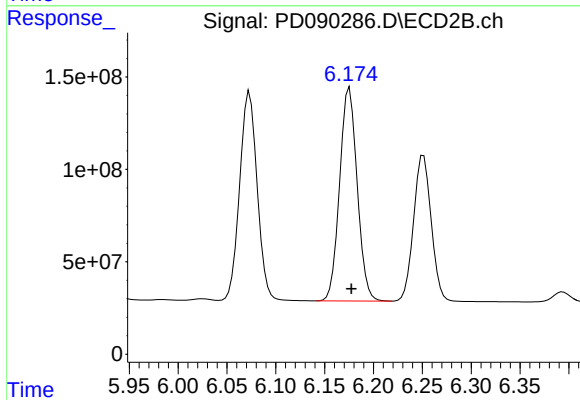
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: -0.003 min
Response: 181635990
Conc: 47.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

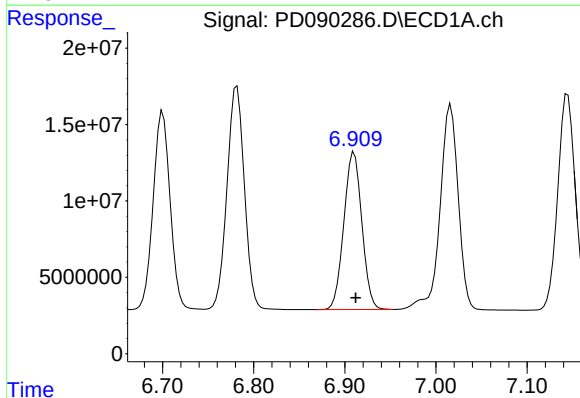
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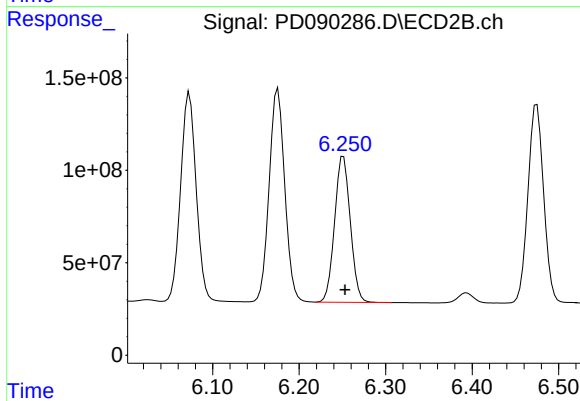
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 1446152663
Conc: 57.69 ng/ml



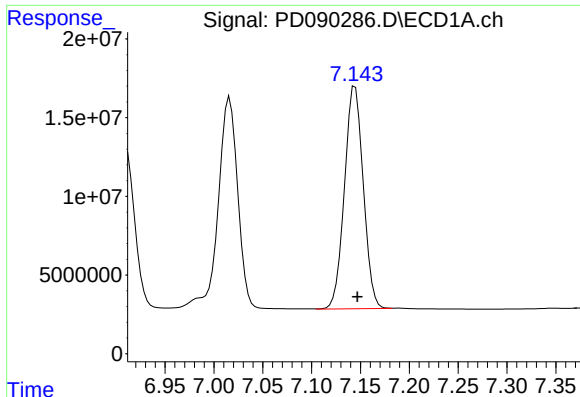
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: -0.002 min
Response: 141316369
Conc: 49.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: -0.002 min
Response: 991723980
Conc: 57.59 ng/ml



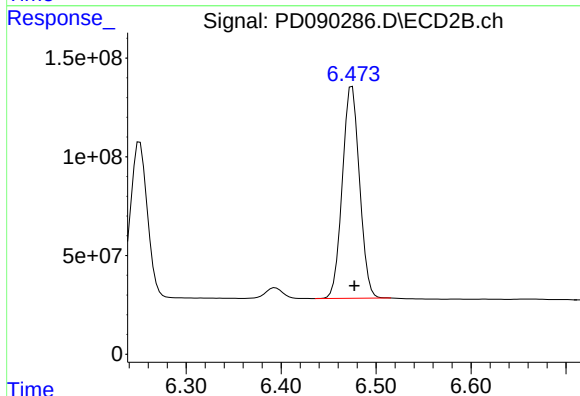
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.004 min
Response: 189757129
Conc: 48.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

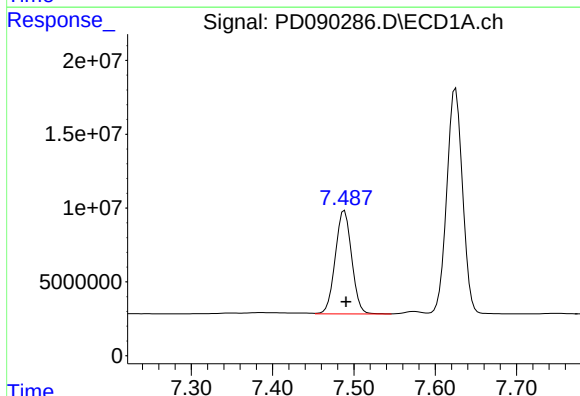
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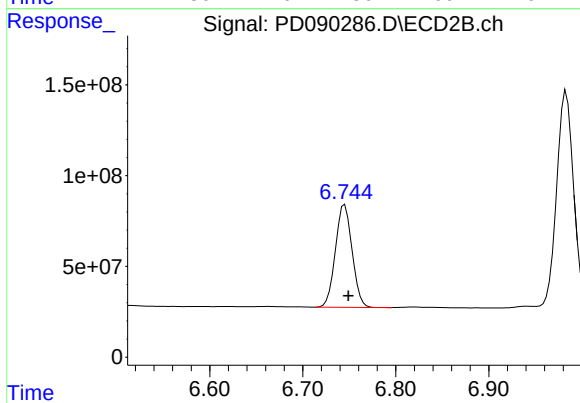
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 1353032109
Conc: 55.50 ng/ml



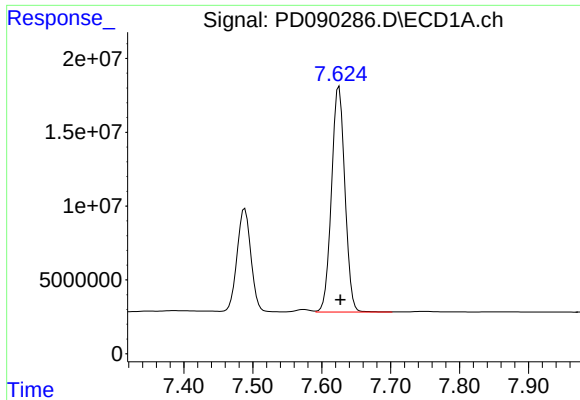
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: -0.002 min
Response: 98125437
Conc: 48.93 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: -0.004 min
Response: 706107011
Conc: 54.75 ng/ml



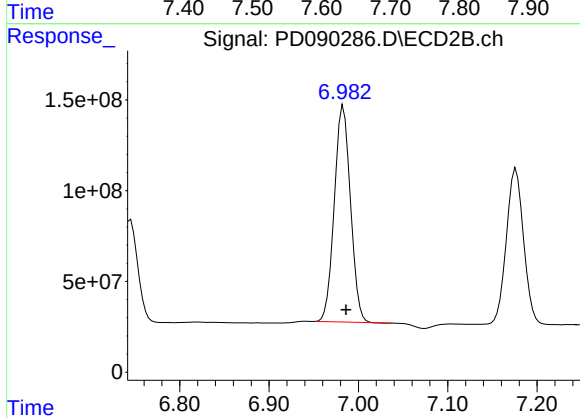
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 205753127
Conc: 49.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

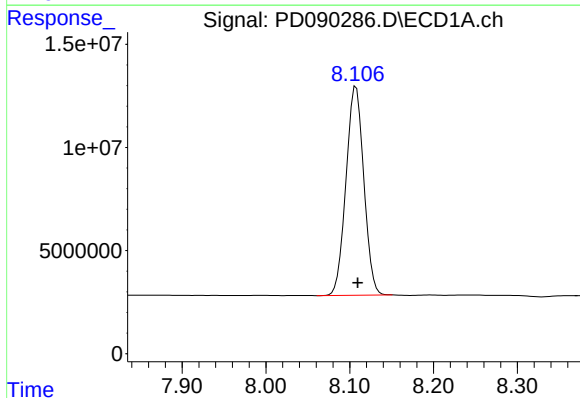
Manual Integrations
APPROVED

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



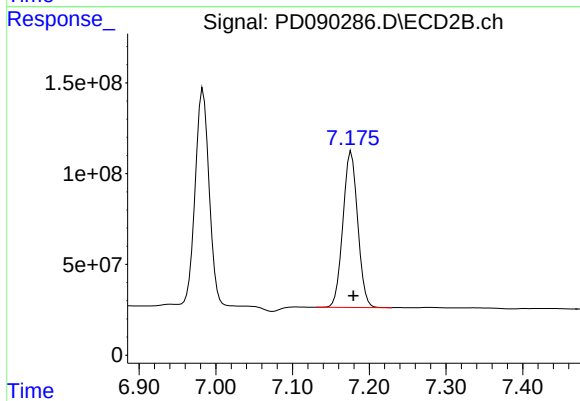
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.003 min
Response: 1500630398
Conc: 56.32 ng/ml



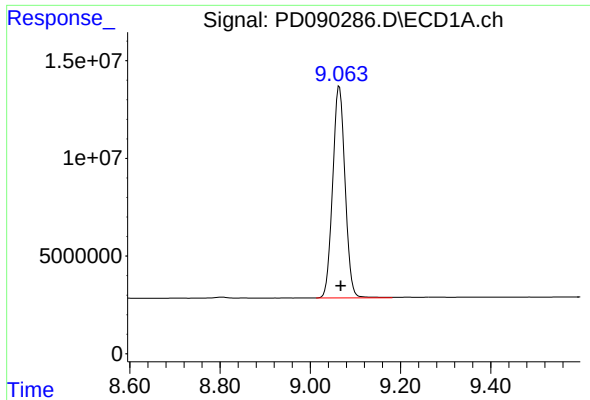
#22 Mirex

R.T.: 8.108 min
Delta R.T.: -0.002 min
Response: 149603028
Conc: 47.43 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.003 min
Response: 1152046009
Conc: 55.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: -0.003 min
Response: 206845654
Conc: 47.93 ng/ml

Instrument :

ECD_D

ClientSampleId :

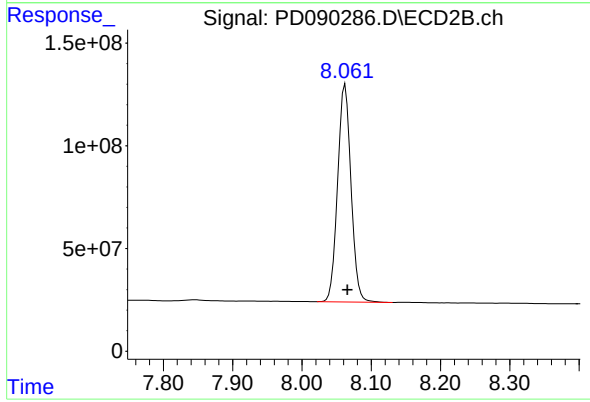
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 1420418885
Conc: 54.87 ng/ml