

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091225\
 Data File : PD090259.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 11:22
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/15/2025
 Supervised By : mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 00:59:57 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...	3.546	2.876	142.9E6	1182.9E6	48.690	53.645
28)	SA Decachlor...	9.063	8.063	206.6E6	1426.7E6	47.870m	55.116
Target Compounds							
2)	A alpha-BHC	3.996	3.388	306.6E6	1900.9E6	51.089	56.009
3)	MA gamma-BHC...	4.325	3.724	286.8E6	1763.4E6	50.087m	56.571
4)	MA Heptachlor	4.924	4.076	289.6E6	1746.4E6	51.637	55.988
5)	MB Aldrin	5.264	4.362	271.0E6	1722.9E6	50.051m	56.569
6)	B beta-BHC	4.513	4.020	109.0E6	741.1E6	48.605	55.593
7)	B delta-BHC	4.761	4.256	283.8E6	1778.2E6	54.804	56.363
8)	B Heptachlo...	5.685	4.866	242.5E6	1552.1E6	49.429	56.042
9)	A Endosulfan I	6.068	5.240	227.2E6	1445.6E6	49.235m	55.128
10)	B gamma-Chl...	5.941	5.118	241.0E6	1683.7E6	49.274	56.861
11)	B alpha-Chl...	6.020	5.183	239.5E6	1608.5E6	48.655m	56.364
12)	B 4,4'-DDE	6.191	5.367	218.7E6	1637.8E6	49.842	56.821
13)	MA Dieldrin	6.341	5.506	246.3E6	1658.7E6	50.309m	56.636
14)	MA Endrin	6.568	5.782	209.1E6	1552.8E6	50.462m	58.305
15)	B Endosulfa...	6.781	6.073	203.9E6	1431.9E6	48.329	56.609
16)	A 4,4'-DDD	6.700	5.922	174.3E6	1362.7E6	50.390	56.674
17)	MA 4,4'-DDT	7.015	6.176	185.3E6	1467.5E6	48.635m	58.536
18)	B Endrin al...	6.910	6.251	144.3E6	1009.3E6	50.316	58.612
19)	B Endosulfa...	7.143	6.475	193.4E6	1371.3E6	49.361m	56.248
20)	A Methoxychlor	7.488	6.746	102.7E6	718.8E6	51.208	55.743
21)	B Endrin ke...	7.625	6.984	209.4E6	1487.9E6	50.526	55.844
22)	Mirex	8.108	7.176	151.3E6	1162.0E6	47.960	56.256

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091225\
Data File : PD090259.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2025 11:22
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

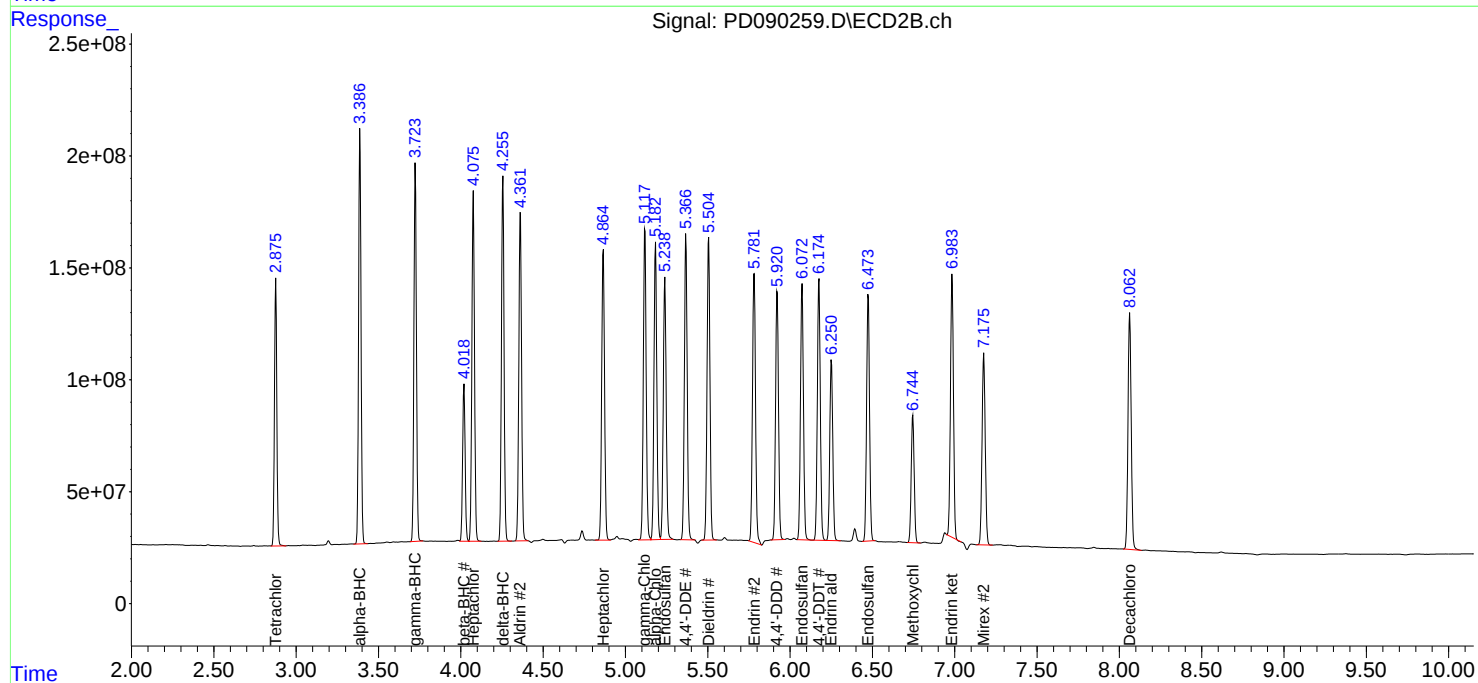
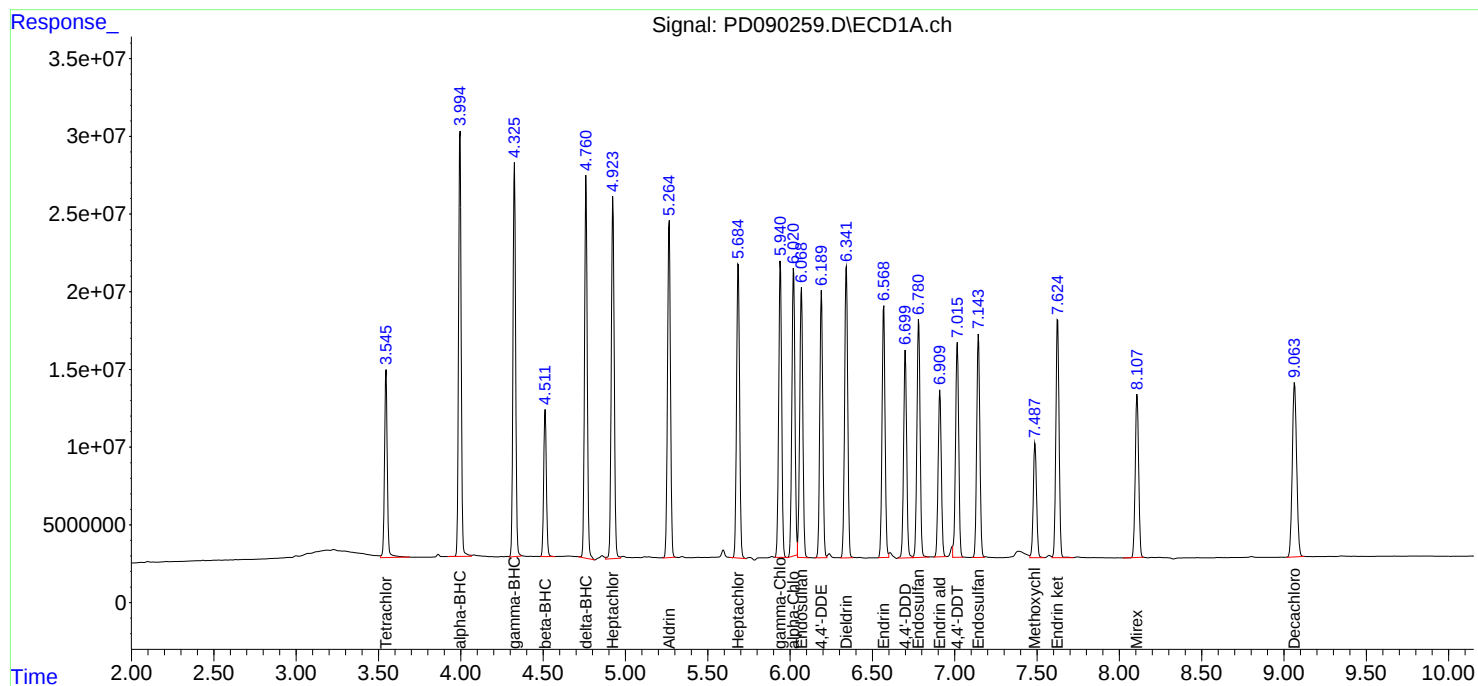
APPROVED

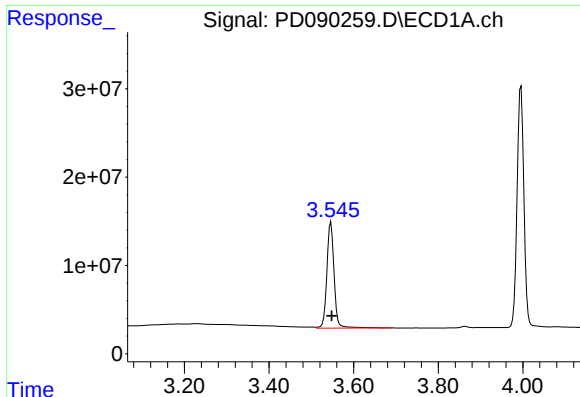
Reviewed By :Abdul Mirza 09/15/2025

Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 00:59:57 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





#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: -0.002 min
Response: 142897664
Conc: 48.69 ng/ml

Instrument :

ECD_D

ClientSampleId :

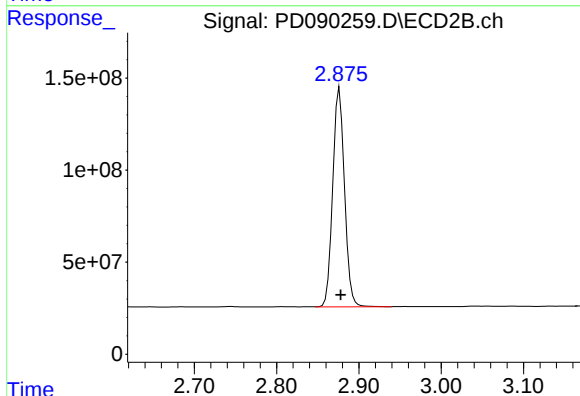
PSTDCCC050

Manual Integrations

APPROVED

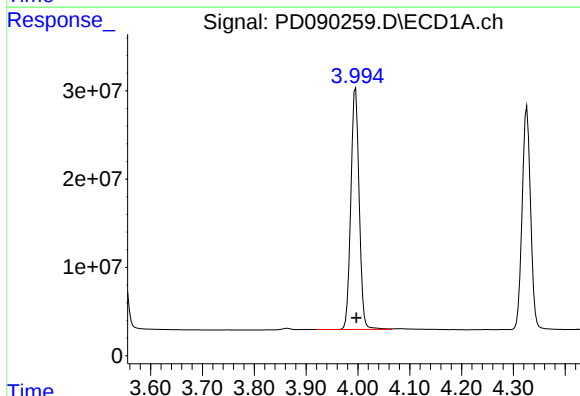
Reviewed By :Abdul Mirza 09/15/2025

Supervised By :mohammad ahmed 09/16/2025



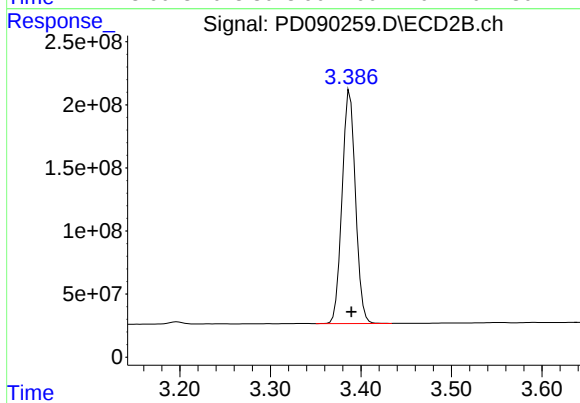
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.001 min
Response: 1182906225
Conc: 53.65 ng/ml



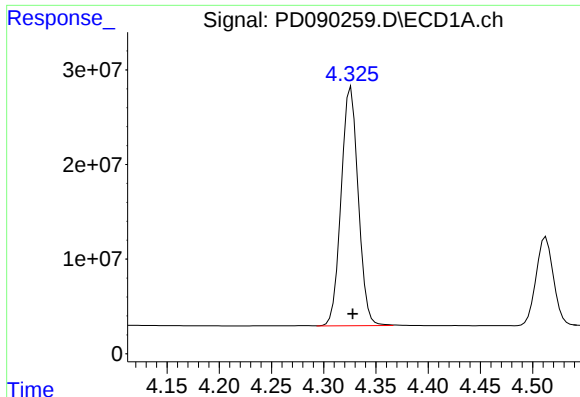
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.001 min
Response: 306646034
Conc: 51.09 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.002 min
Response: 1900875278
Conc: 56.01 ng/ml



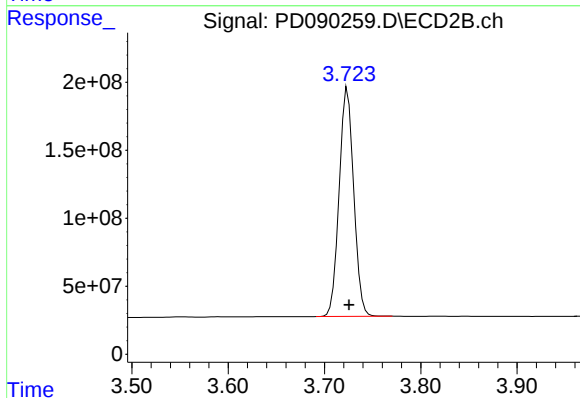
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 286839639
Conc: 50.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

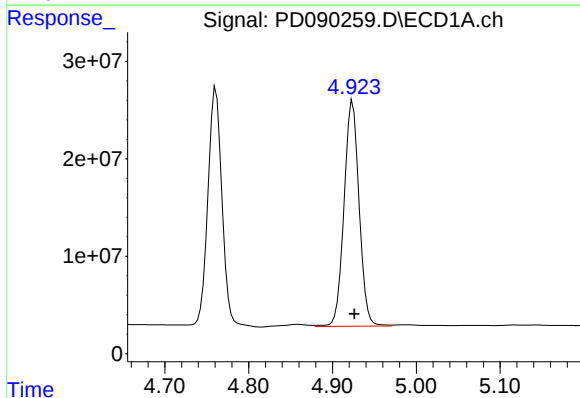
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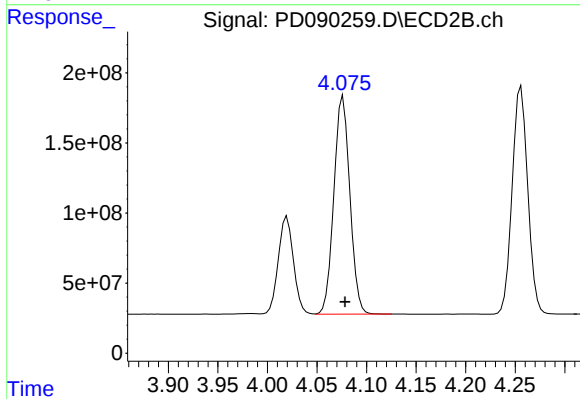
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.001 min
Response: 1763365598
Conc: 56.57 ng/ml



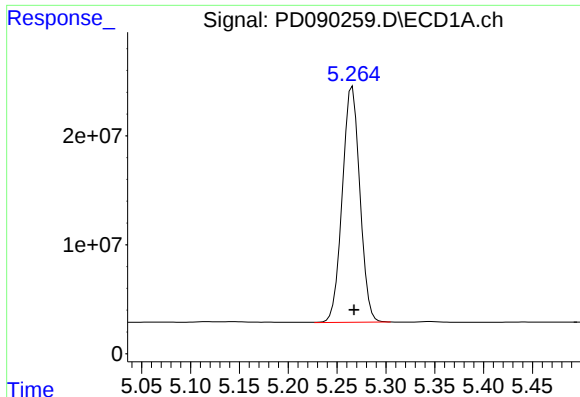
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: -0.002 min
Response: 289641111
Conc: 51.64 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: -0.002 min
Response: 1746356588
Conc: 55.99 ng/ml



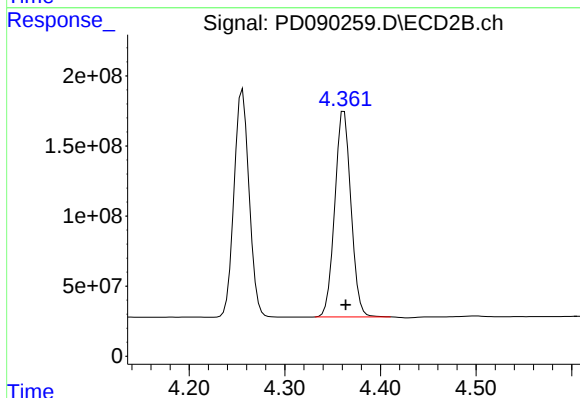
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: -0.003 min
Response: 271002456
Conc: 50.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

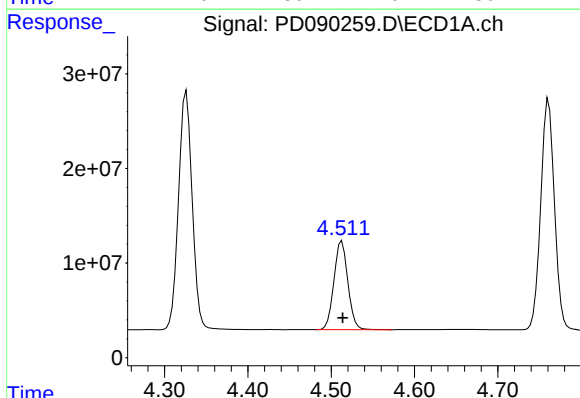
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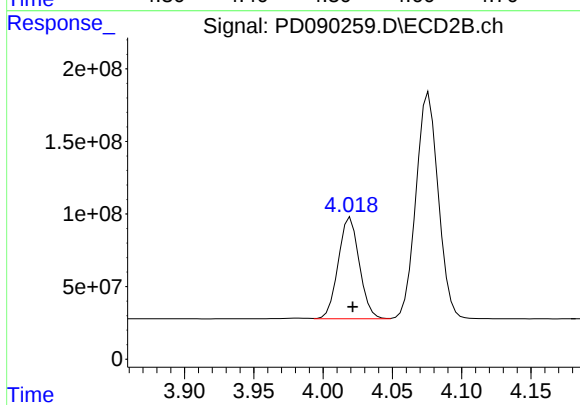
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 1722855114
Conc: 56.57 ng/ml



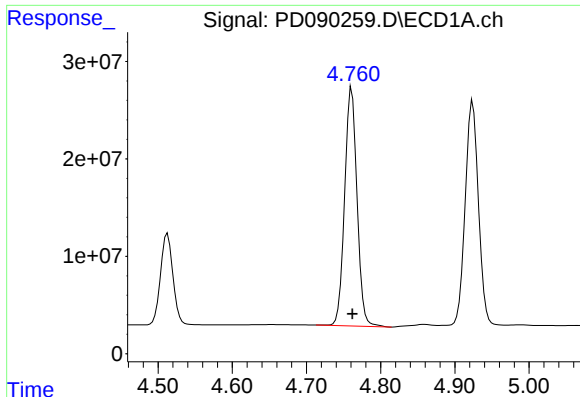
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: -0.001 min
Response: 109021428
Conc: 48.60 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 741062266
Conc: 55.59 ng/ml



#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: -0.001 min
Response: 283757707
Conc: 54.80 ng/ml

Instrument :

ECD_D

ClientSampleId :

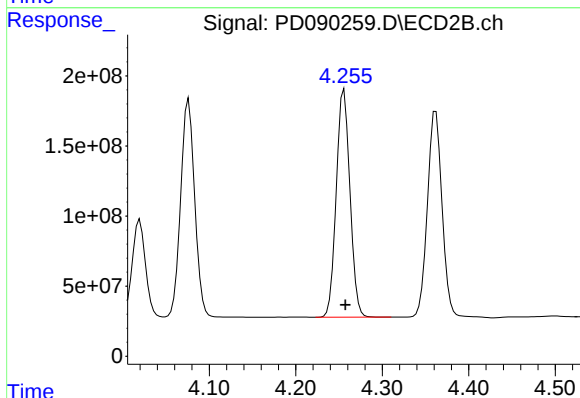
PSTDCCC050

Manual Integrations

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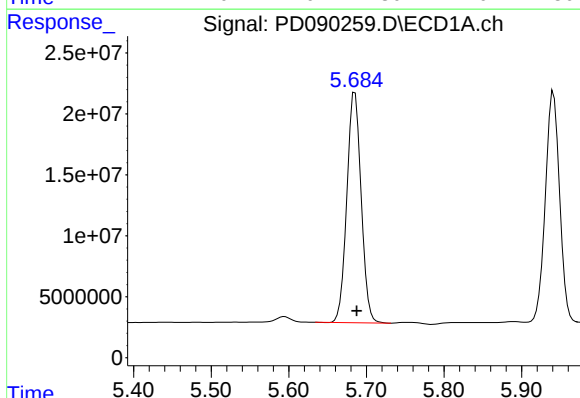
Reviewed By :Abdul Mirza 09/15/2025

Supervised By :mohammad ahmed 09/16/2025



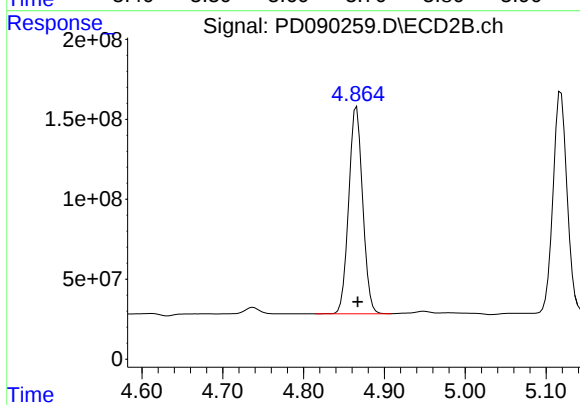
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: -0.002 min
Response: 1778245474
Conc: 56.36 ng/ml



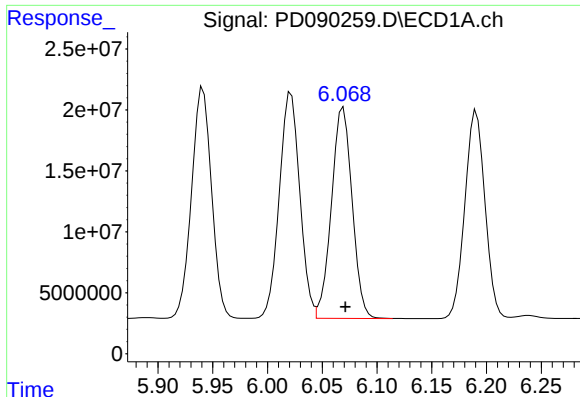
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 242538755
Conc: 49.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.866 min
Delta R.T.: -0.002 min
Response: 1552066152
Conc: 56.04 ng/ml



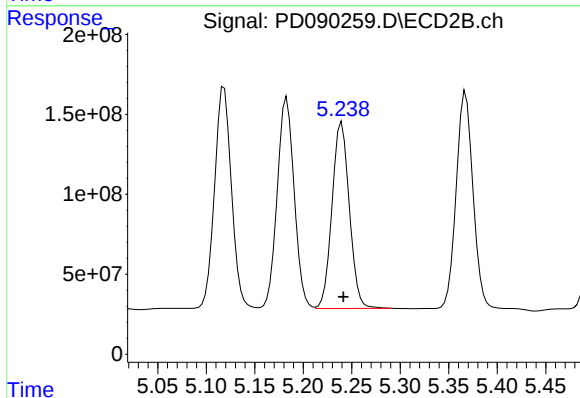
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.003 min
Response: 227214488
Conc: 49.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

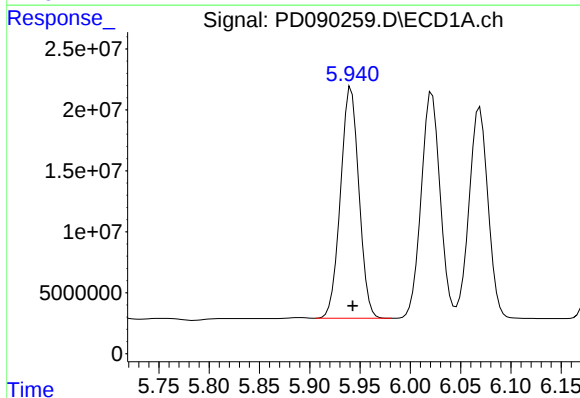
Manual Integrations
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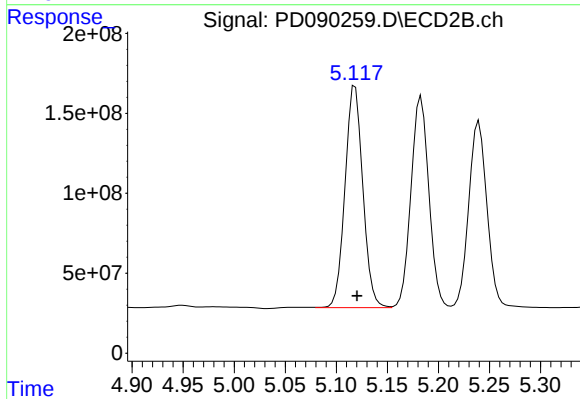
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 1445559386
Conc: 55.13 ng/ml



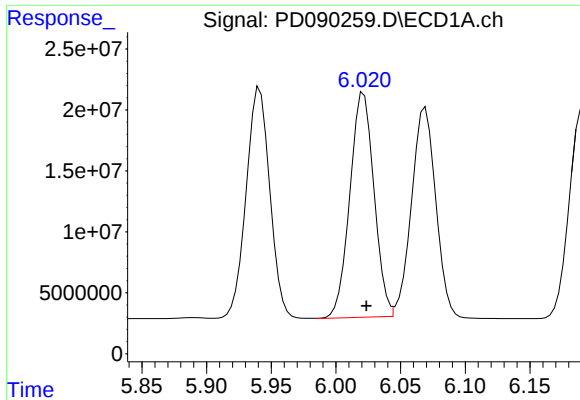
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 240997672
Conc: 49.27 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 1683724194
Conc: 56.86 ng/ml



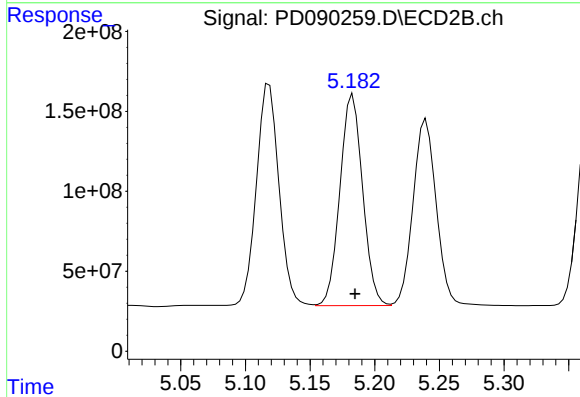
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: -0.004 min
Response: 239501293
Conc: 48.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

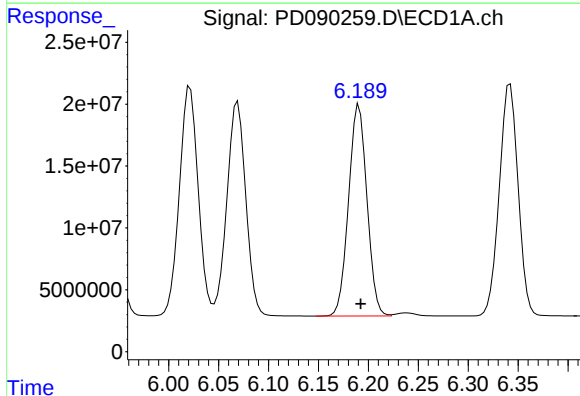
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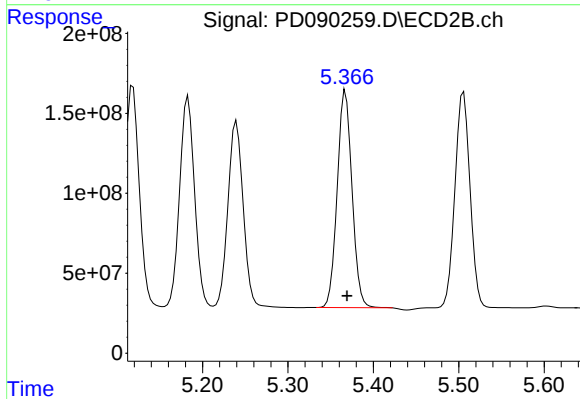
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 1608510062
Conc: 56.36 ng/ml



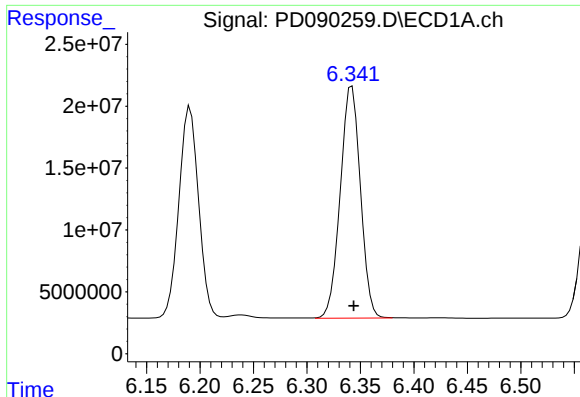
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 218722079
Conc: 49.84 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 1637752033
Conc: 56.82 ng/ml



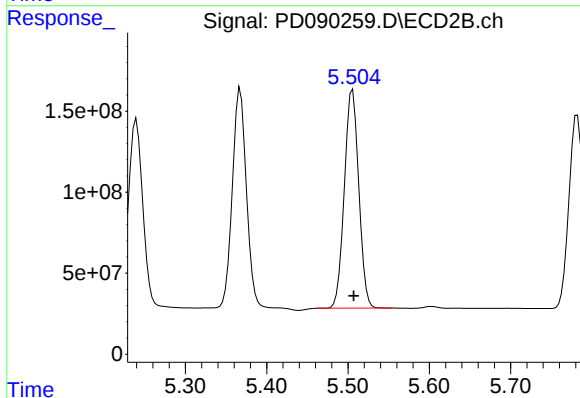
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 246299790
Conc: 50.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

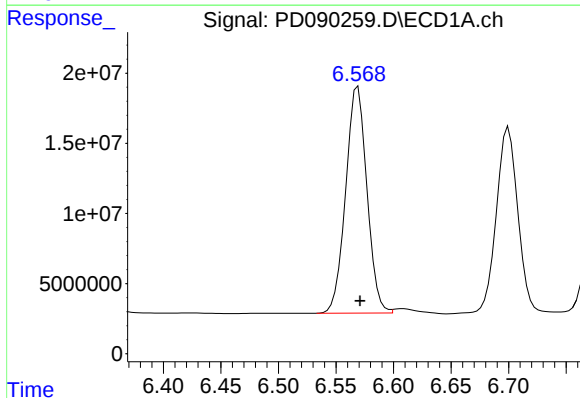
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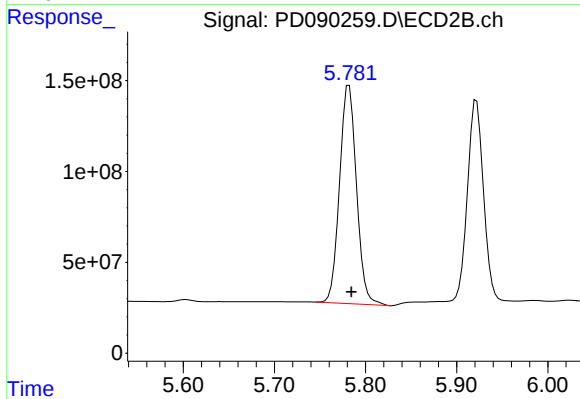
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: -0.002 min
Response: 1658712571
Conc: 56.64 ng/ml



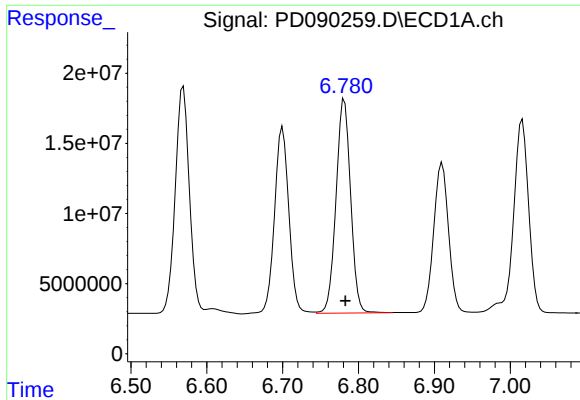
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 209092286
Conc: 50.46 ng/ml m



#14 Endrin

R.T.: 5.782 min
Delta R.T.: -0.002 min
Response: 1552790502
Conc: 58.30 ng/ml



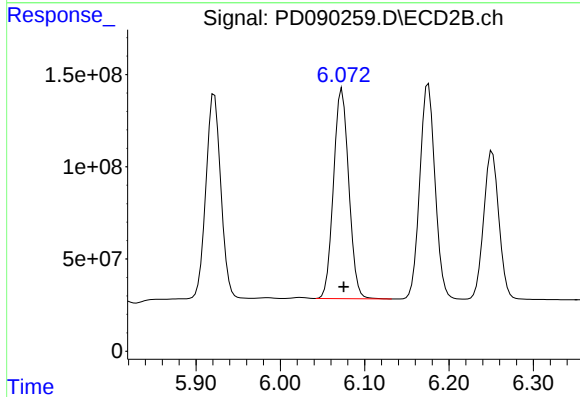
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: -0.002 min
Response: 203937047
Conc: 48.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

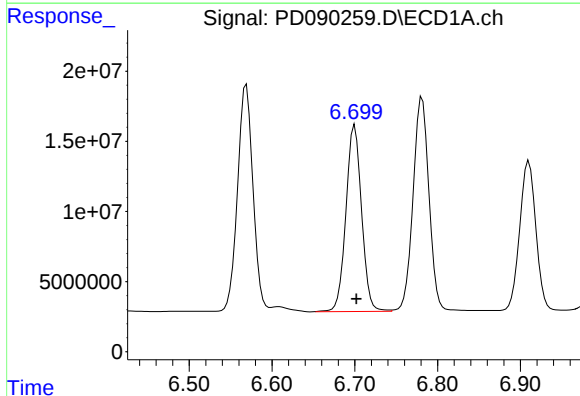
Manual Integrations
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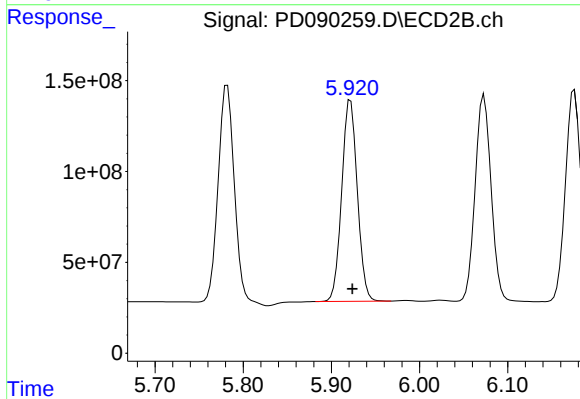
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 1431912542
Conc: 56.61 ng/ml



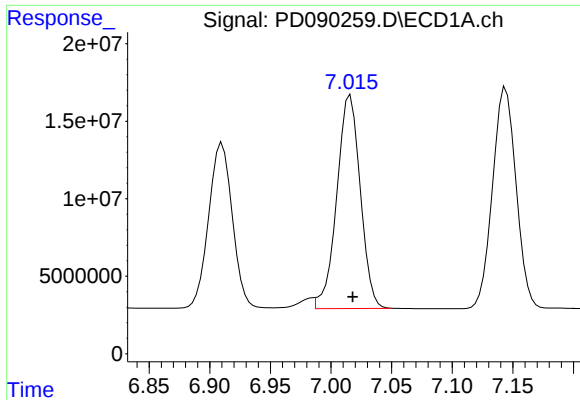
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.002 min
Response: 174302931
Conc: 50.39 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 1362659129
Conc: 56.67 ng/ml



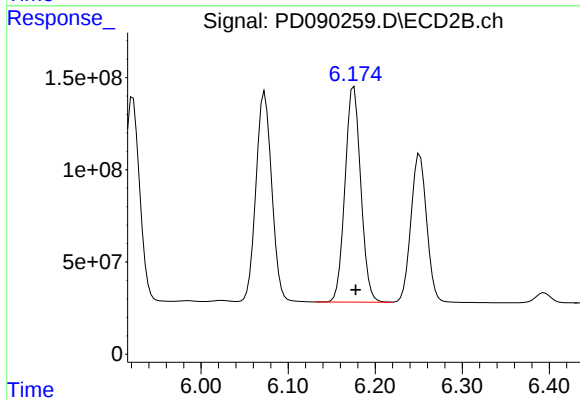
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: -0.003 min
Response: 185287145
Conc: 48.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

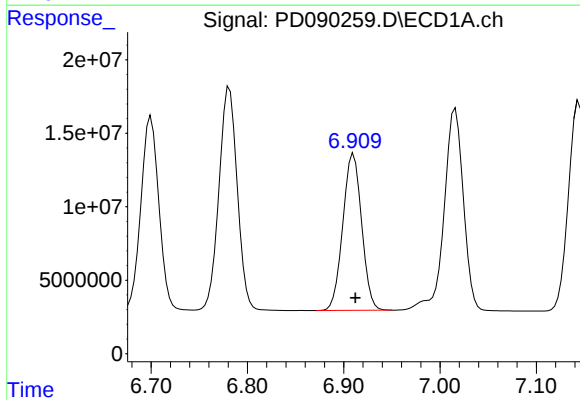
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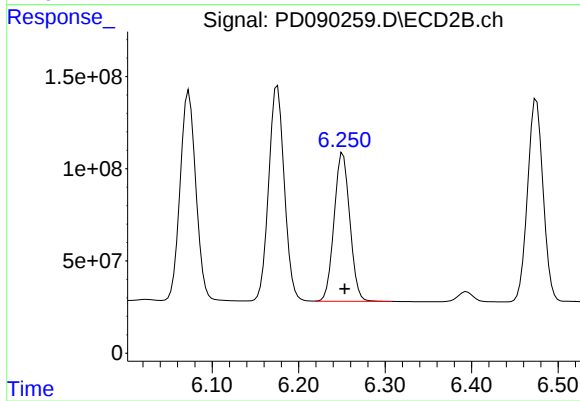
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 1467493140
Conc: 58.54 ng/ml



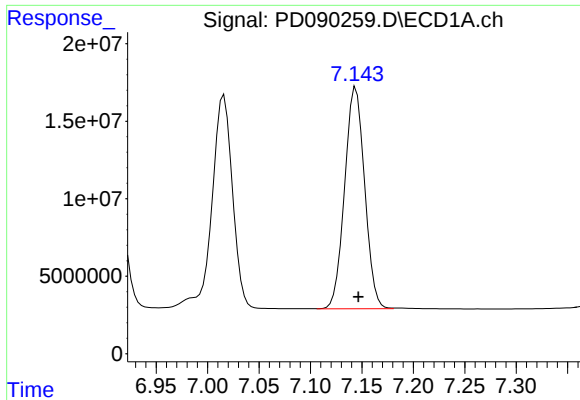
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: -0.002 min
Response: 144265078
Conc: 50.32 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: -0.002 min
Response: 1009289604
Conc: 58.61 ng/ml



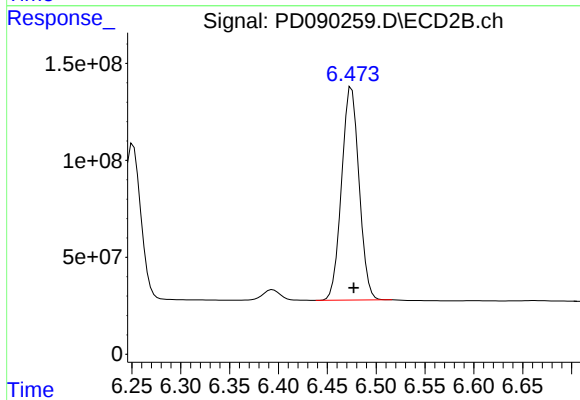
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.004 min
Response: 193419770
Conc: 49.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

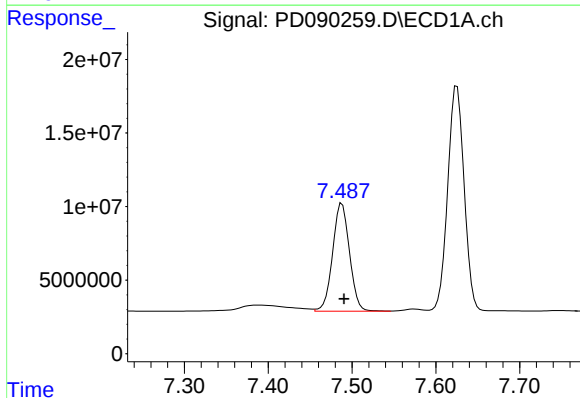
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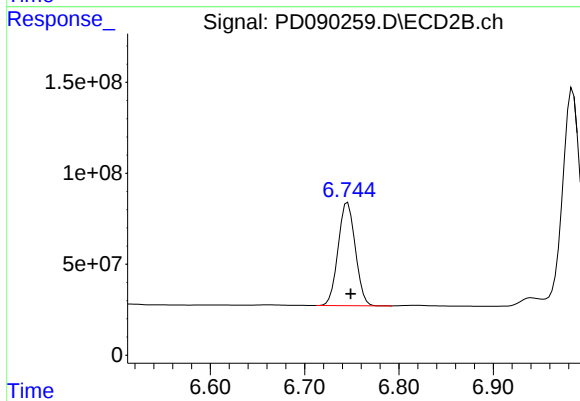
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 1371301014
Conc: 56.25 ng/ml



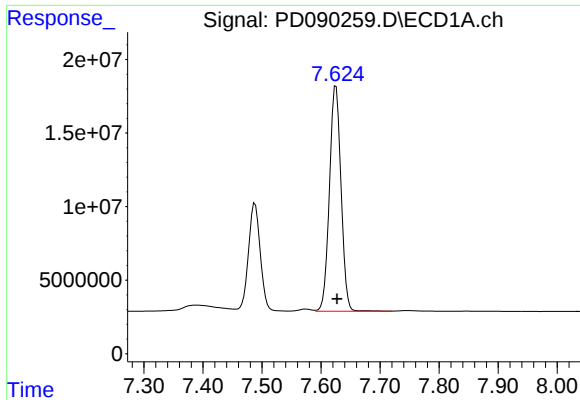
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: -0.002 min
Response: 102703190
Conc: 51.21 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 718845912
Conc: 55.74 ng/ml



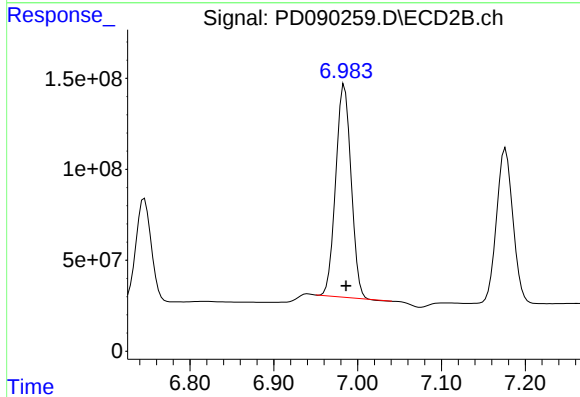
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 209406344
Conc: 50.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

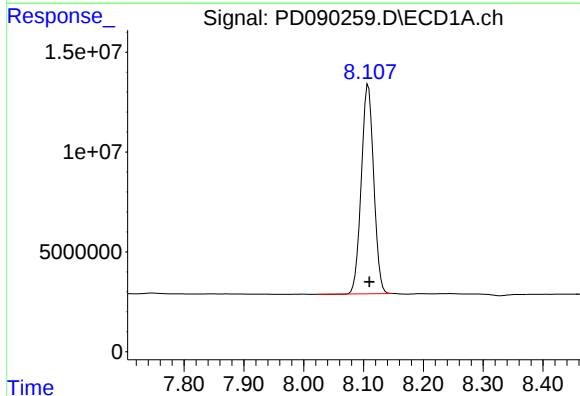
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/15/2025
Supervised By :mohammad ahmed 09/16/2025



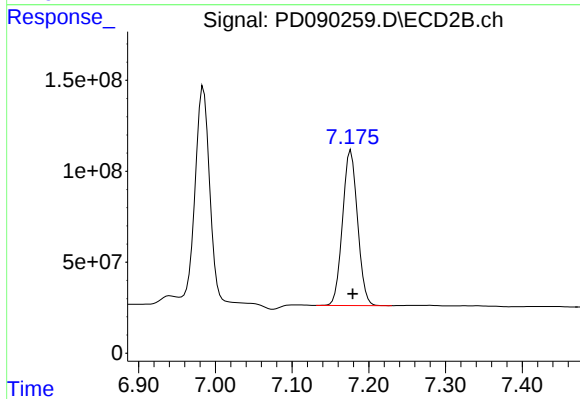
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.002 min
Response: 1487947370
Conc: 55.84 ng/ml



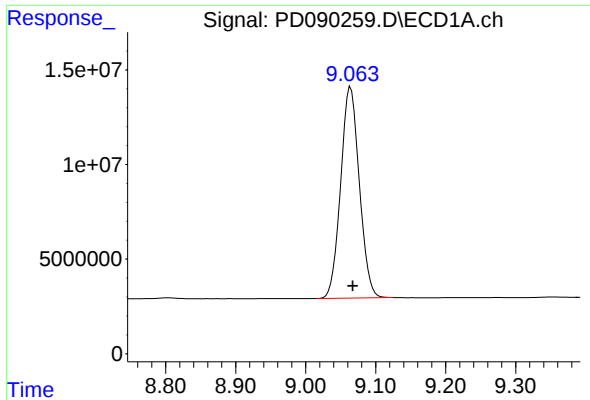
#22 Mirex

R.T.: 8.108 min
Delta R.T.: -0.002 min
Response: 151289707
Conc: 47.96 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.003 min
Response: 1162009564
Conc: 56.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.004 min
Response: 206604699
Conc: 47.87 ng/ml

Instrument :

ECD_D

ClientSampleId :

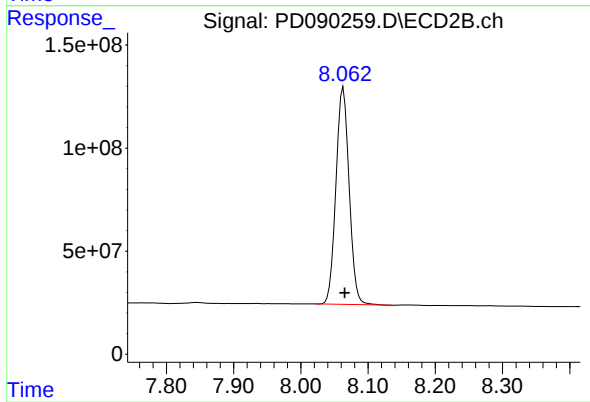
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 1426715495
Conc: 55.12 ng/ml