

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092625\
 Data File : PD090414.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2025 17:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/29/2025
 Supervised By :mohammad ahmed 09/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 04:29:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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	2.875	169.2E6	1463.9E6	52.066	53.331
28)	SA Decachlor...	9.069	8.065	238.9E6	1375.2E6	49.516	42.424
Target Compounds							
2)	A alpha-BHC	3.995	3.387	410.3E6	2498.2E6	58.740	57.059
3)	MA gamma-BHC...	4.326	3.724	372.0E6	2085.5E6	56.218	51.197
4)	MA Heptachlor	4.924	4.076	345.0E6	2205.7E6	52.169m	54.173
5)	MB Aldrin	5.266	4.362	339.9E6	2150.3E6	53.526	53.845
6)	B beta-BHC	4.513	4.020	132.7E6	887.1E6	51.438	51.172
7)	B delta-BHC	4.760	4.256	284.7E6	2213.5E6	44.095m	53.603
8)	B Heptachlo...	5.686	4.865	293.2E6	1892.3E6	51.312	51.331
9)	A Endosulfan I	6.070	5.240	288.7E6	1789.9E6	53.455	51.724
10)	B gamma-Chl...	5.942	5.118	306.7E6	2040.4E6	53.699	51.937
11)	B alpha-Chl...	6.023	5.183	306.1E6	1958.5E6	53.127	51.999
12)	B 4,4'-DDE	6.192	5.368	285.0E6	2000.0E6	54.723	52.247
13)	MA Dieldrin	6.343	5.506	317.1E6	2030.0E6	55.015	52.125
14)	MA Endrin	6.571	5.782	275.0E6	1880.0E6	56.191	52.467
15)	B Endosulfa...	6.783	6.074	272.3E6	1726.8E6	55.829	51.165
16)	A 4,4'-DDD	6.702	5.923	228.0E6	1660.3E6	55.638	51.200
17)	MA 4,4'-DDT	7.018	6.176	251.3E6	1777.0E6	56.443	51.687
18)	B Endrin al...	6.911	6.252	192.6E6	1277.1E6	56.150m	54.236
19)	B Endosulfa...	7.147	6.475	246.3E6	1629.2E6	53.534	49.836
20)	A Methoxychlor	7.489	6.745	125.1E6	881.1E6	53.099m	50.639m
21)	B Endrin ke...	7.626	6.985	262.7E6	1712.8E6	53.097m	47.442
22)	Mirex	8.109	7.178	165.1E6	1150.0E6	44.573m	41.658

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092625\
Data File : PD090414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Sep 2025 17:45
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

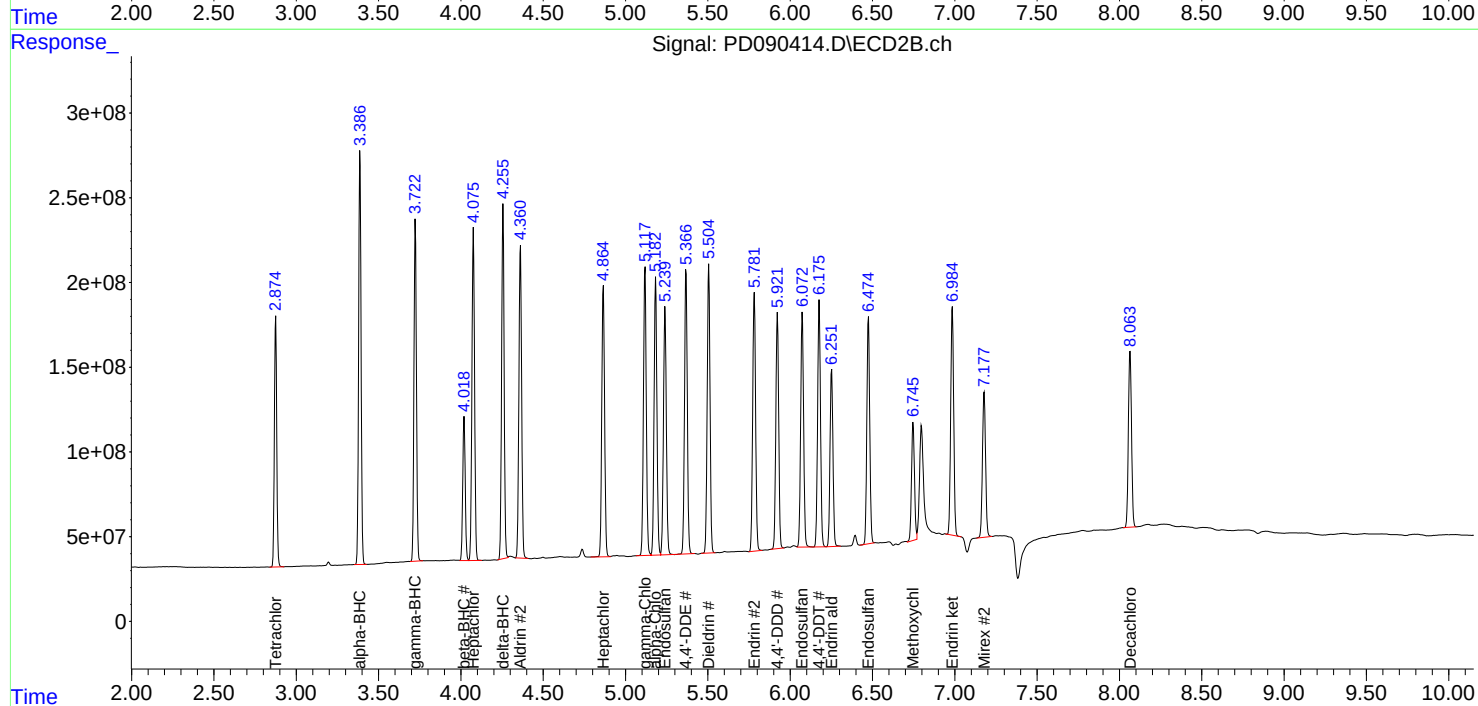
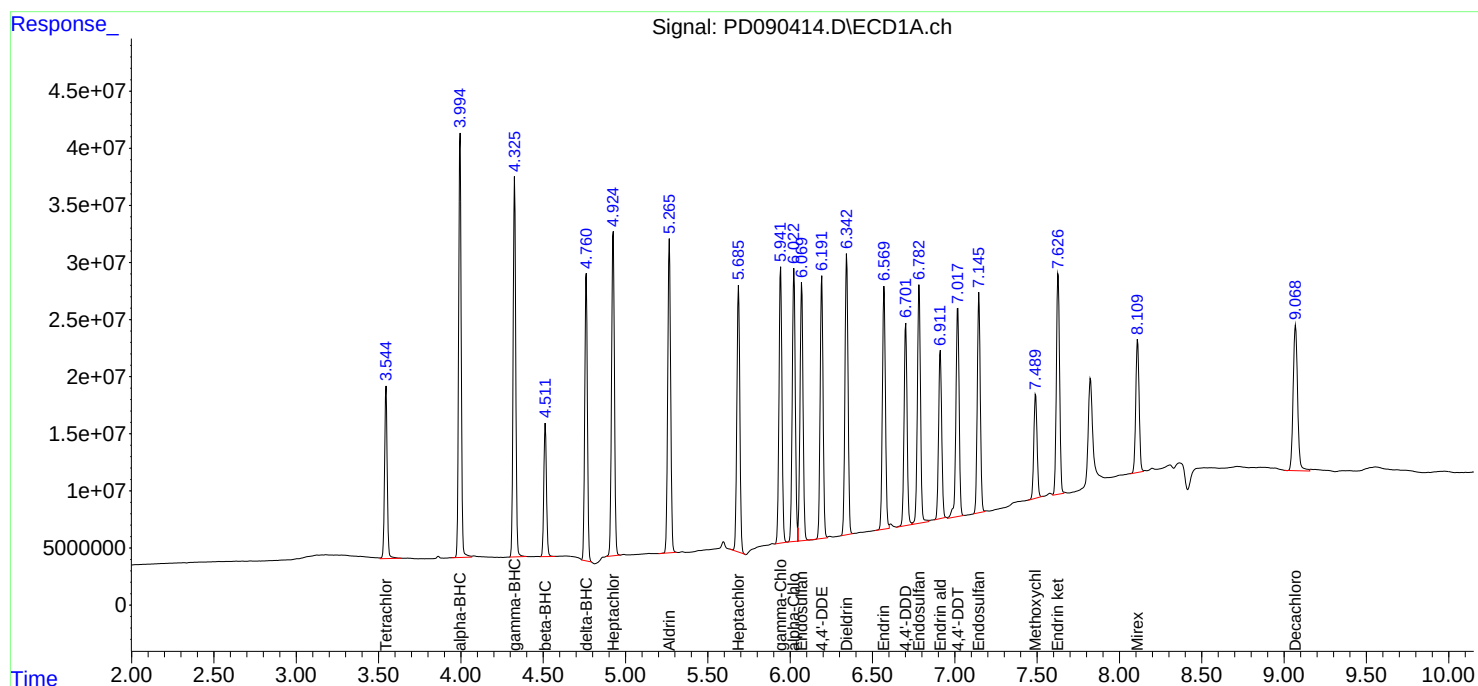
APPROVED

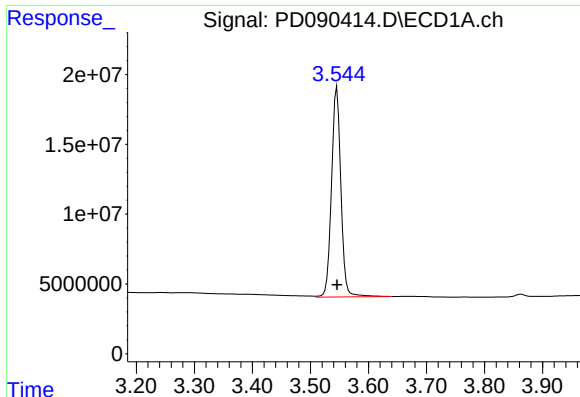
Reviewed By :Abdul Mirza 09/29/2025

Supervised By :mohammad ahmed 09/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 04:29:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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





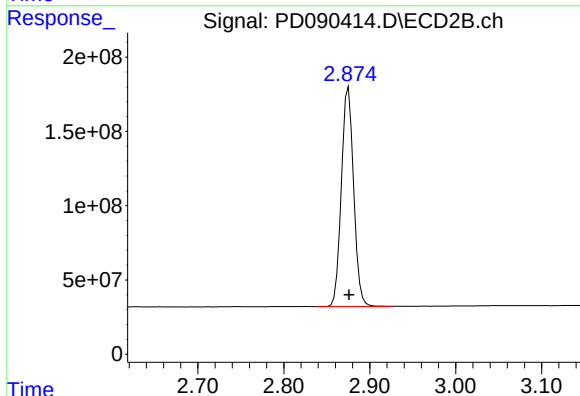
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 169236691
Conc: 52.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

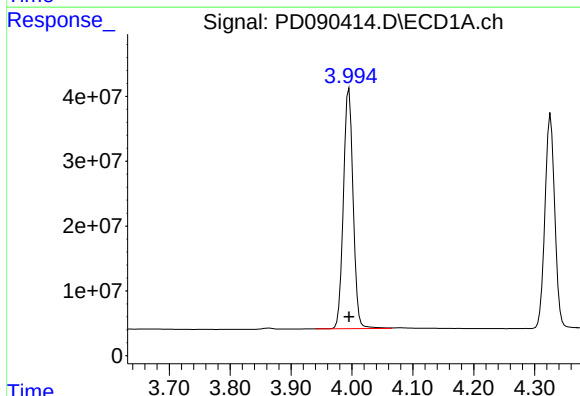
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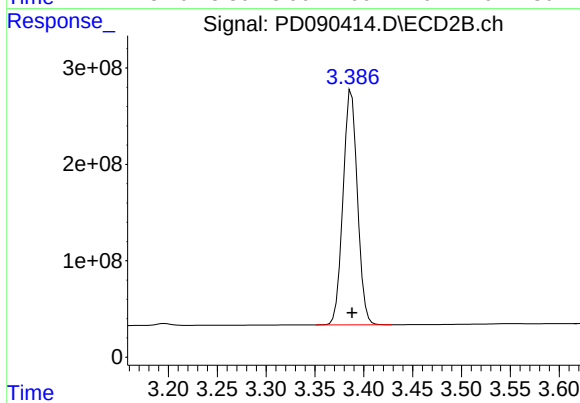
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 1463944546
Conc: 53.33 ng/ml



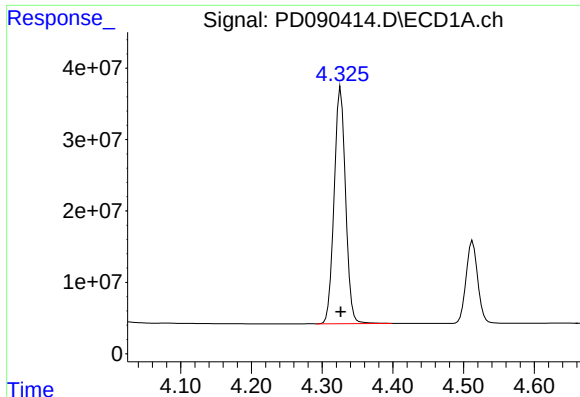
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 410269970
Conc: 58.74 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 2498191853
Conc: 57.06 ng/ml



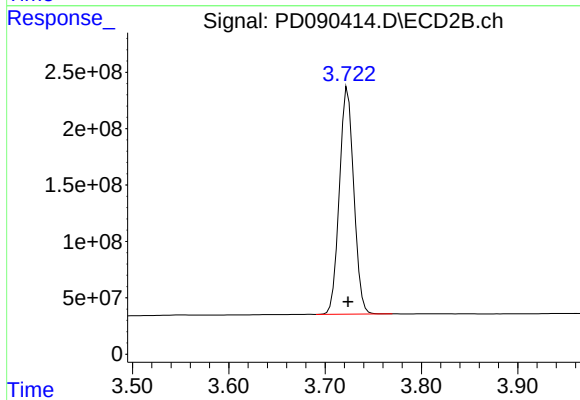
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 371989044
Conc: 56.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

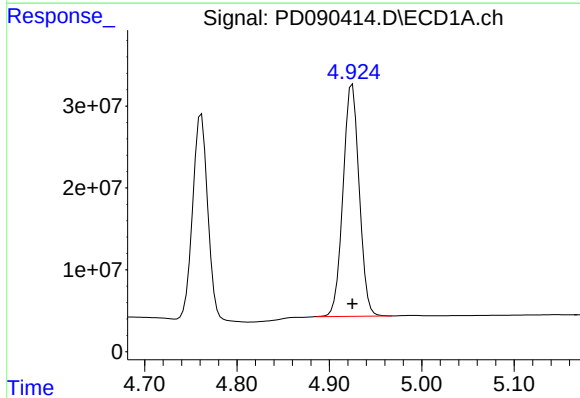
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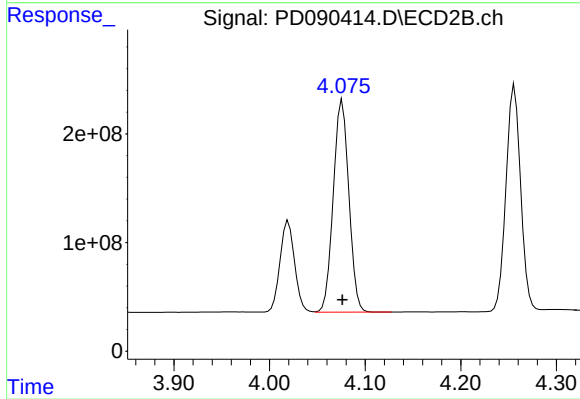
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 2085540649
Conc: 51.20 ng/ml



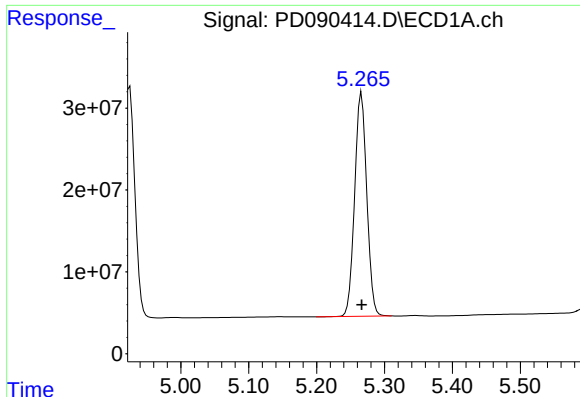
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: -0.002 min
Response: 344968891
Conc: 52.17 ng/ml m



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 2205733509
Conc: 54.17 ng/ml



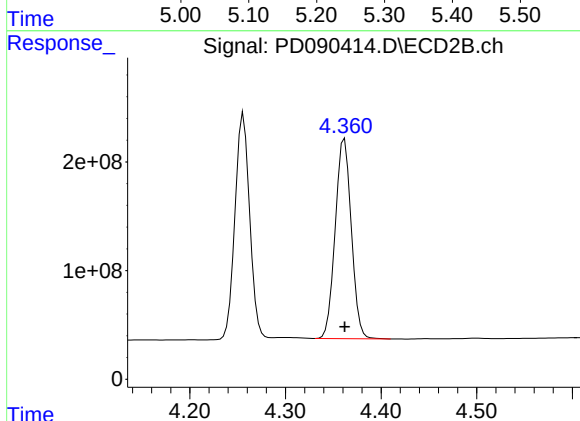
#5 Aldrin

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 339884313
Conc: 53.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

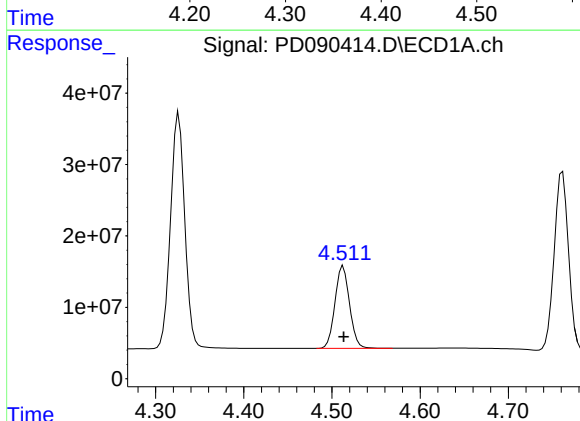
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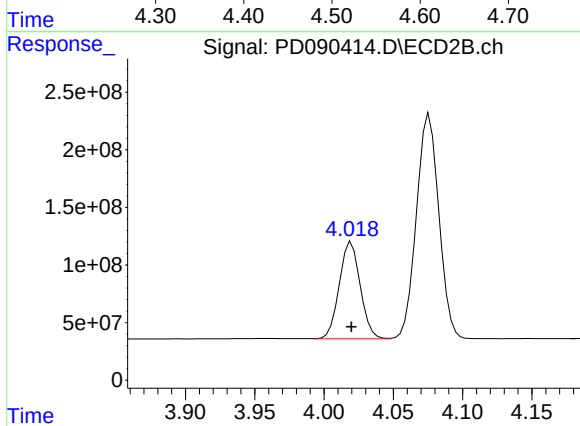
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 2150311789
Conc: 53.85 ng/ml



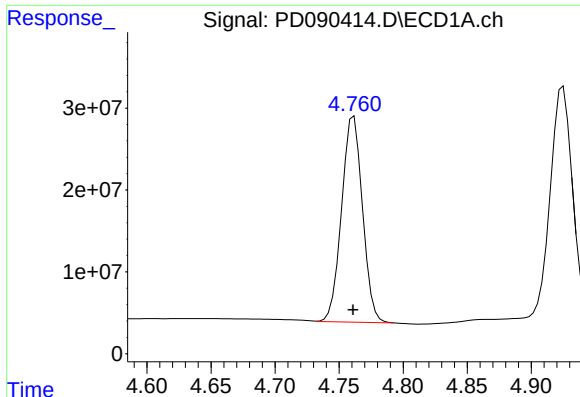
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 132706621
Conc: 51.44 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 887089594
Conc: 51.17 ng/ml



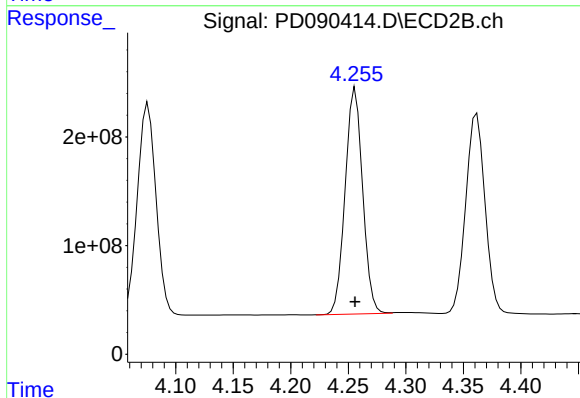
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 284742311
Conc: 44.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

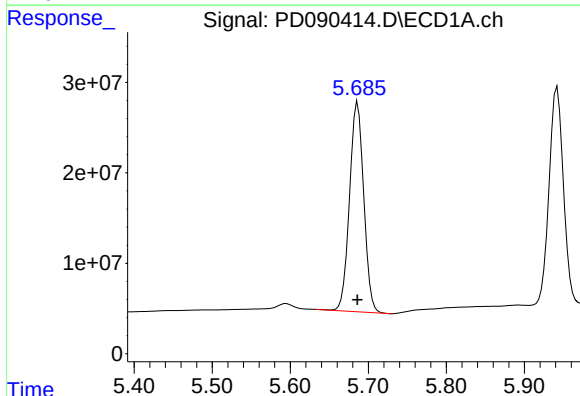
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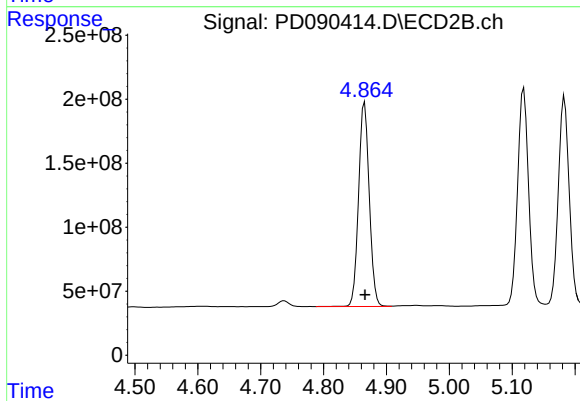
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 2213516618
Conc: 53.60 ng/ml



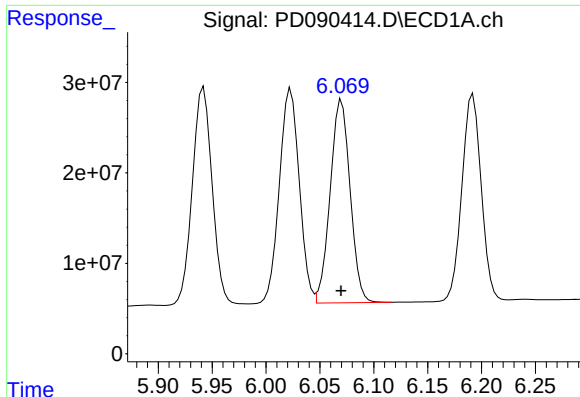
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 293243895
Conc: 51.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 1892322526
Conc: 51.33 ng/ml



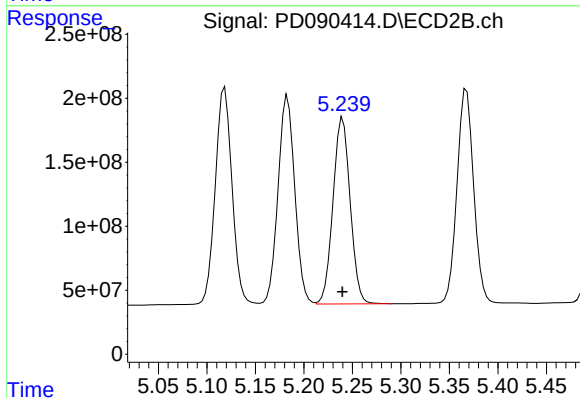
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 288734105
Conc: 53.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

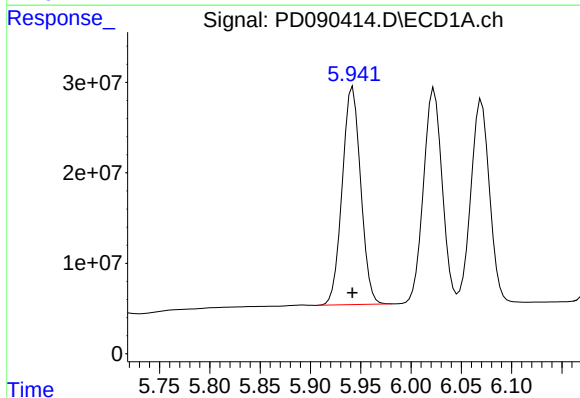
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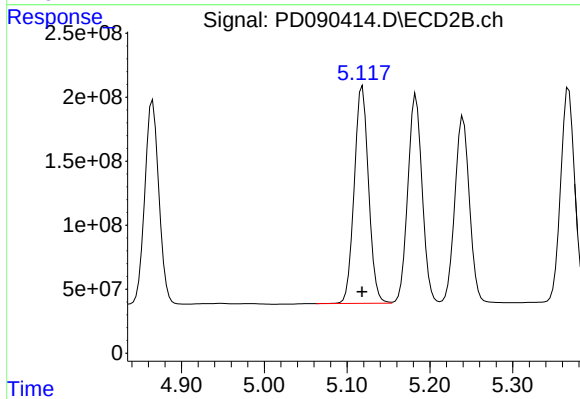
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 1789919803
Conc: 51.72 ng/ml



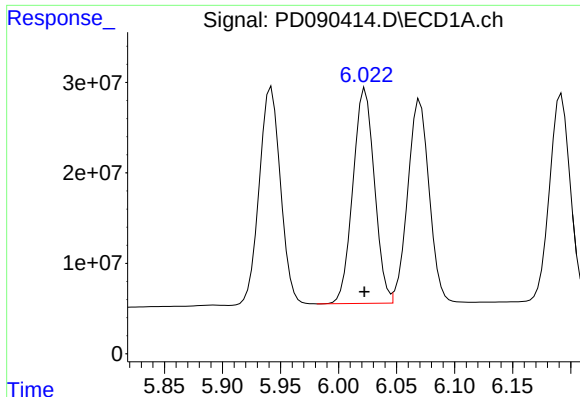
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 306726590
Conc: 53.70 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 2040429610
Conc: 51.94 ng/ml



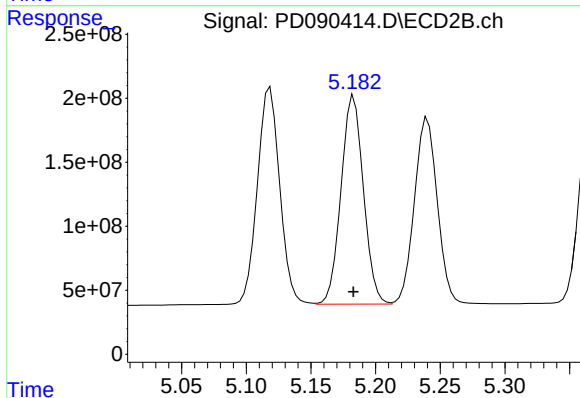
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 306057565
Conc: 53.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

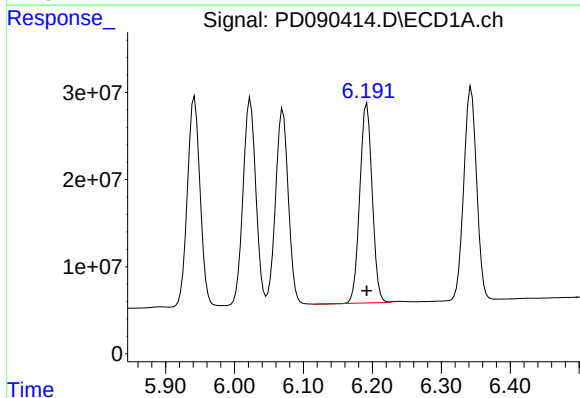
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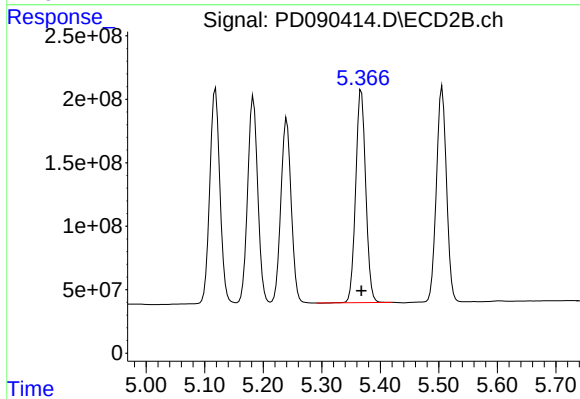
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 1958548328
Conc: 52.00 ng/ml



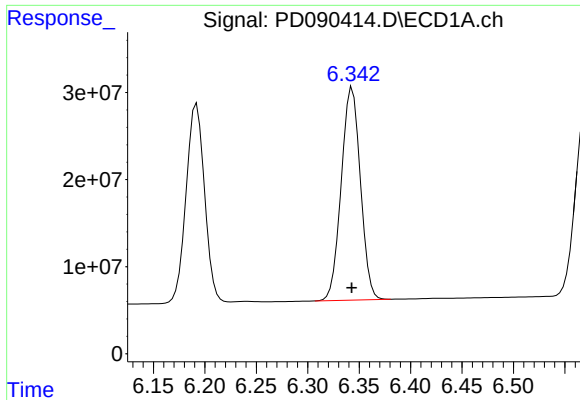
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 284973018
Conc: 54.72 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 1999950309
Conc: 52.25 ng/ml



#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 317145222
Conc: 55.02 ng/ml

Instrument :

ECD_D

ClientSampleId :

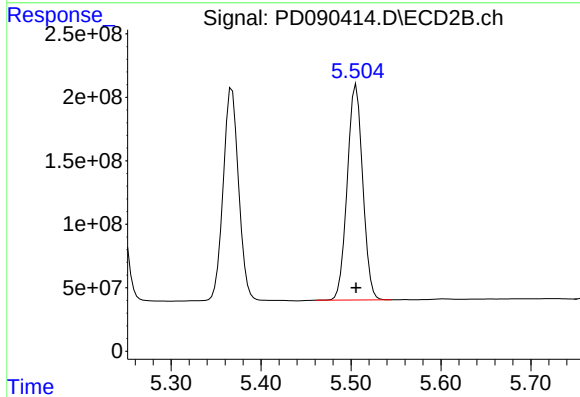
PSTDCCC050

Manual Integrations

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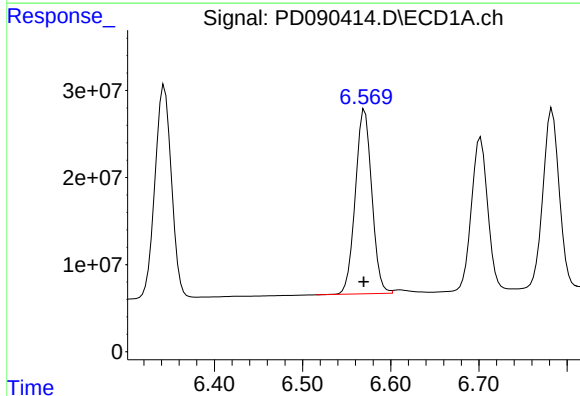
Reviewed By :Abdul Mirza 09/29/2025

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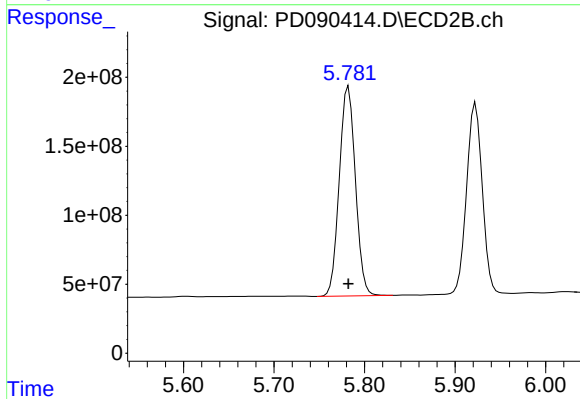
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 2030044099
Conc: 52.12 ng/ml



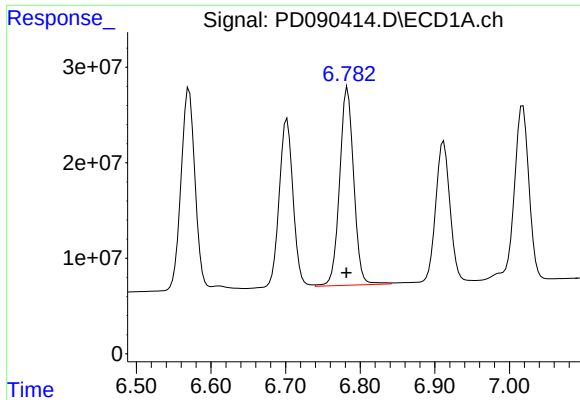
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.001 min
Response: 274993102
Conc: 56.19 ng/ml



#14 Endrin

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 1879989119
Conc: 52.47 ng/ml



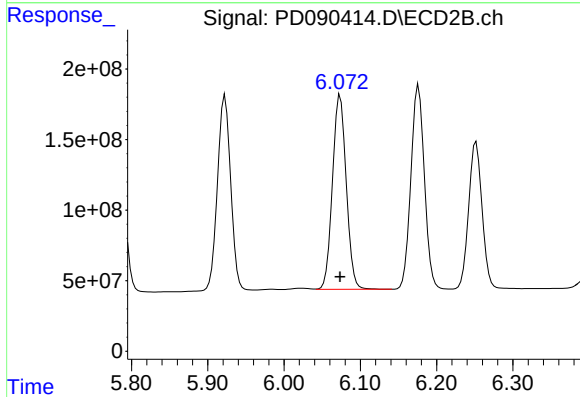
#15 Endosulfan II

R.T.: 6.783 min
Delta R.T.: 0.001 min
Response: 272321245
Conc: 55.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

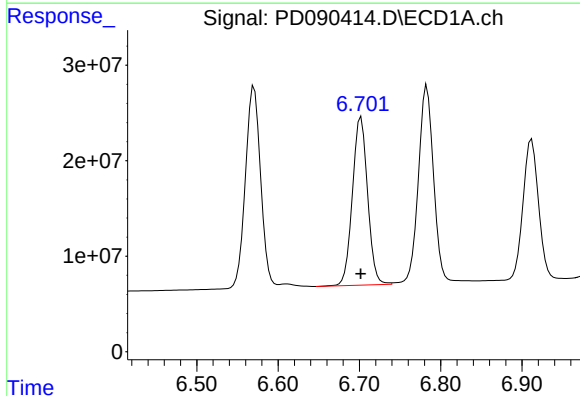
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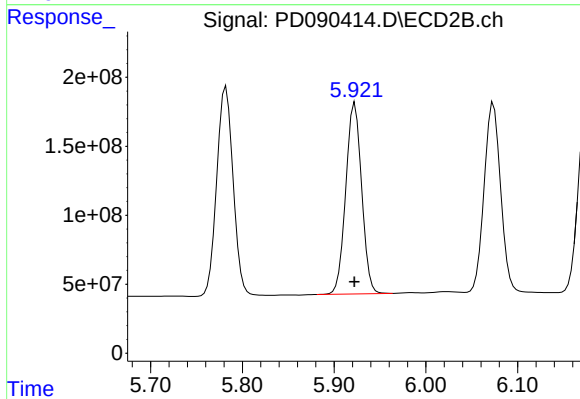
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 1726841298
Conc: 51.16 ng/ml



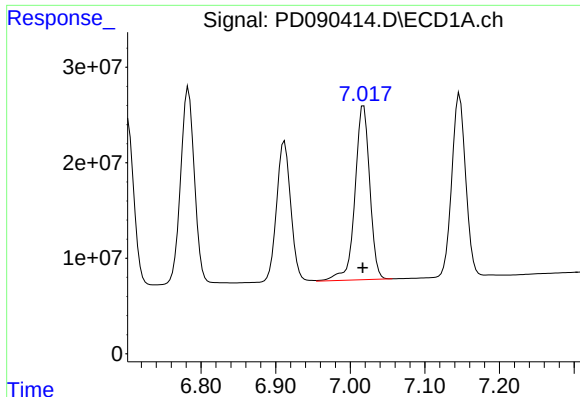
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 227993854
Conc: 55.64 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 1660303184
Conc: 51.20 ng/ml



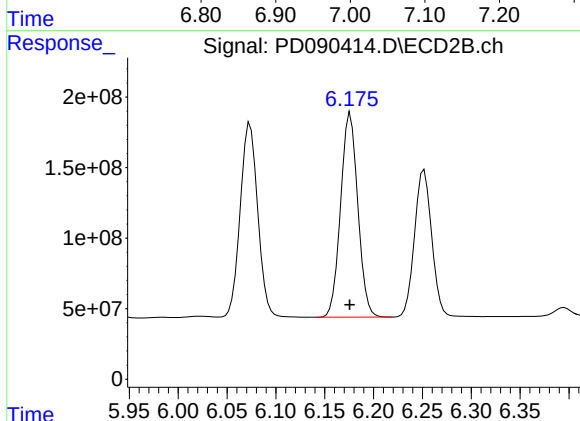
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: 0.001 min
Response: 251309187
Conc: 56.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

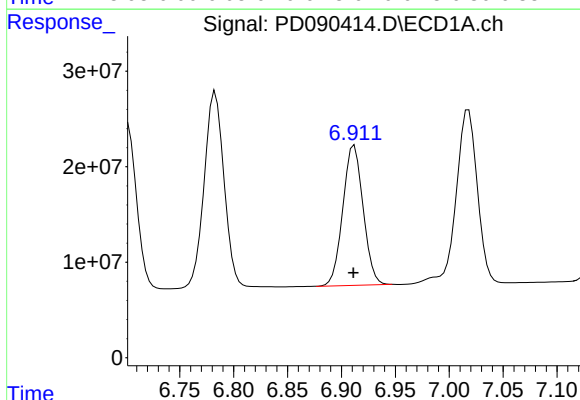
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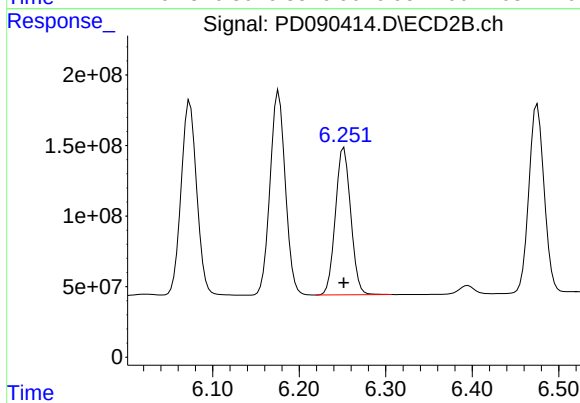
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 1776957758
Conc: 51.69 ng/ml



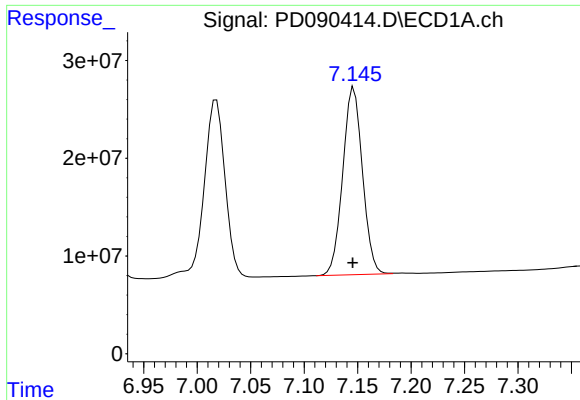
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 192628537
Conc: 56.15 ng/ml m



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 1277080522
Conc: 54.24 ng/ml



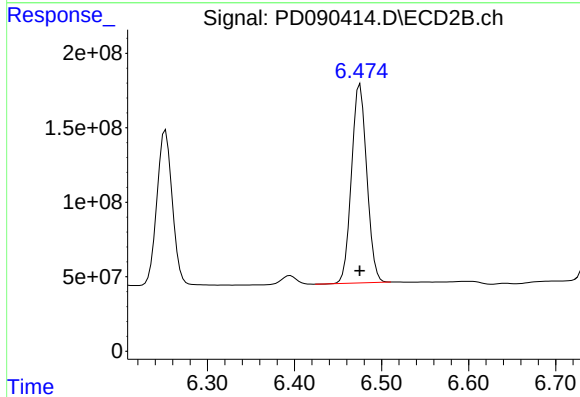
#19 Endosulfan Sulfate

R.T.: 7.147 min
Delta R.T.: 0.001 min
Response: 246273812
Conc: 53.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

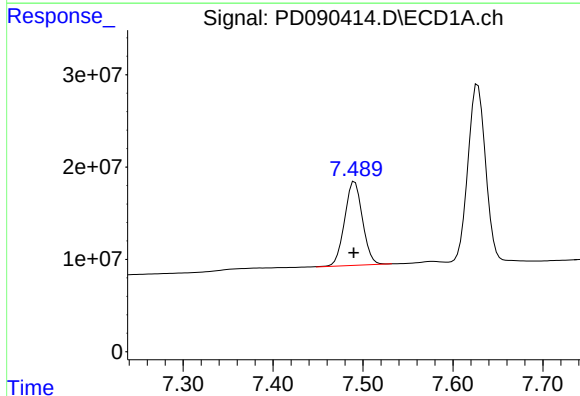
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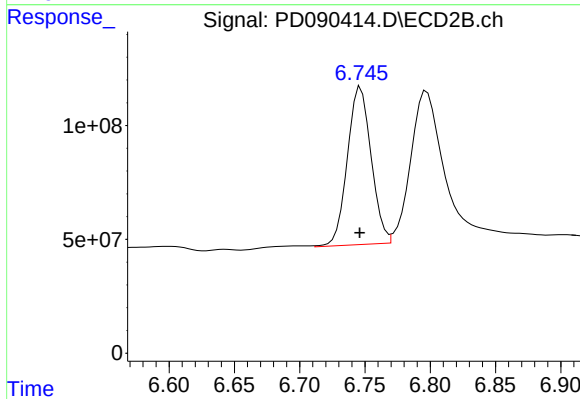
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 1629164378
Conc: 49.84 ng/ml



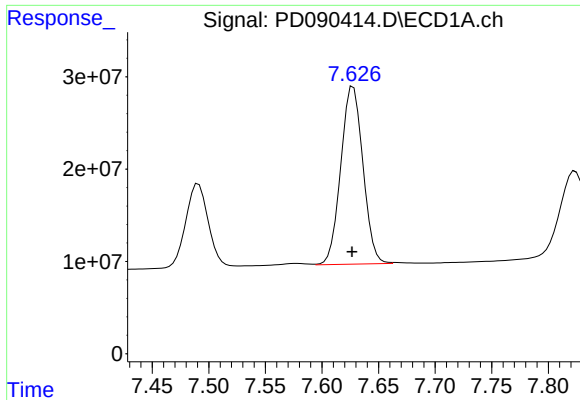
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 125128771
Conc: 53.10 ng/ml m



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 881131123
Conc: 50.64 ng/ml m



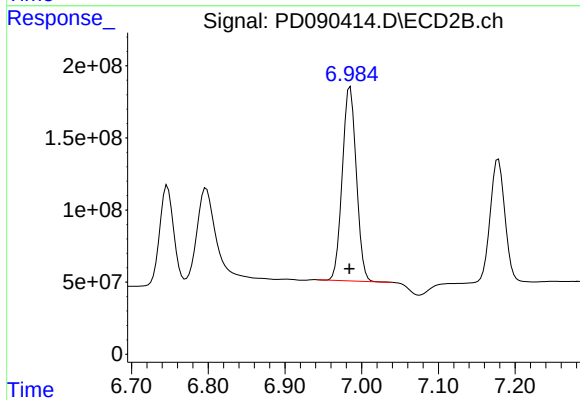
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 262689844
Conc: 53.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

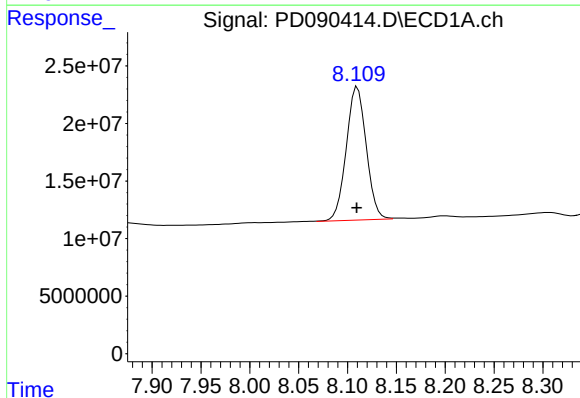
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Reviewed By :Abdul Mirza 09/29/2025
Supervised By :mohammad ahmed 09/30/2025



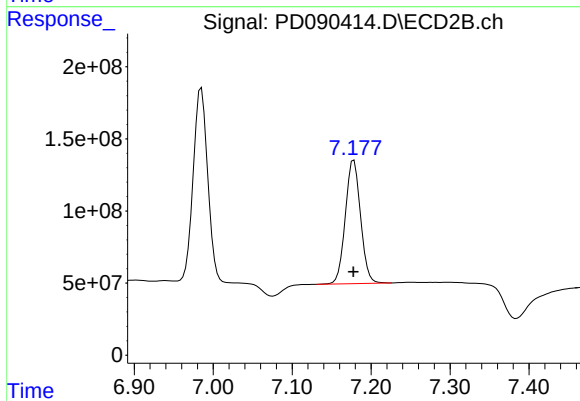
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 1712807456
Conc: 47.44 ng/ml



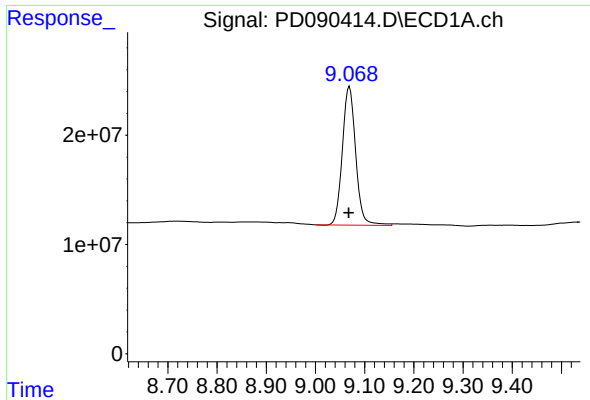
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 165135641
Conc: 44.57 ng/ml m



#22 Mirex

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 1150005831
Conc: 41.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.002 min
Response: 238917473
Conc: 49.52 ng/ml

Instrument :

ECD_D

ClientSampleId :

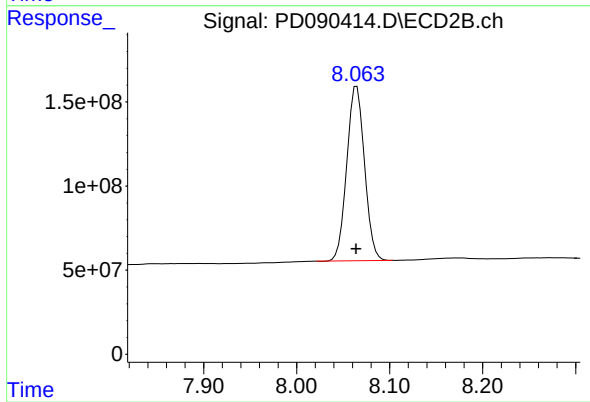
PSTDCCC050

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 09/30/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 1375165395
Conc: 42.42 ng/ml