

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088614.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 18:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/20/2025

Supervised By :mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 04:39:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.551	2.882	126.5E6	873.1E6	58.455	57.715
28)	SA Decachlor...	9.078	8.076	184.5E6	916.8E6	53.899	50.219
Target Compounds							
2)	A alpha-BHC	4.001	3.395	262.1E6	1264.5E6	54.868	52.899
3)	MA gamma-BHC...	4.332	3.731	246.6E6	1150.6E6	53.571	51.908
4)	MA Heptachlor	4.931	4.085	228.3E6	1120.9E6	51.060	49.918
5)	MB Aldrin	5.273	4.371	235.4E6	1153.4E6	53.578	52.597
6)	B beta-BHC	4.517	4.027	95168404	514.2E6	52.779	52.777
7)	B delta-BHC	4.765	4.264	235.3E6	1177.2E6	55.681	52.802
8)	B Heptachlo...	5.693	4.875	208.4E6	1020.8E6	52.505	51.372
9)	A Endosulfan I	6.077	5.249	195.0E6	932.7E6	51.816	49.146
10)	B gamma-Chl...	5.948	5.128	210.4E6	1103.0E6	52.755	51.707
11)	B alpha-Chl...	6.029	5.193	208.6E6	1048.4E6	52.078	50.830
12)	B 4,4'-DDE	6.198	5.377	187.0E6	1061.7E6	52.112	50.792m
13)	MA Dieldrin	6.350	5.515	210.2E6	1055.9E6	52.387	50.175
14)	MA Endrin	6.577	5.792	177.5E6	975.2E6	51.964	50.572
15)	B Endosulfa...	6.788	6.083	172.3E6	919.2E6	50.031	50.171
16)	A 4,4'-DDD	6.708	5.932	149.3E6	895.2E6	53.599	51.469
17)	MA 4,4'-DDT	7.024	6.186	141.3E6	818.3E6	45.258	45.115
18)	B Endrin al...	6.918	6.261	126.5E6	675.4E6	49.153	48.487
19)	B Endosulfa...	7.152	6.485	165.0E6	863.0E6	51.505	48.603
20)	A Methoxychlor	7.496	6.757	72360216	439.4E6	43.315	45.891
21)	B Endrin ke...	7.633	6.994	167.2E6	908.1E6	48.851	46.936
22)	Mirex	8.117	7.188	126.0E6	725.4E6	48.484	47.719

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 18:45
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

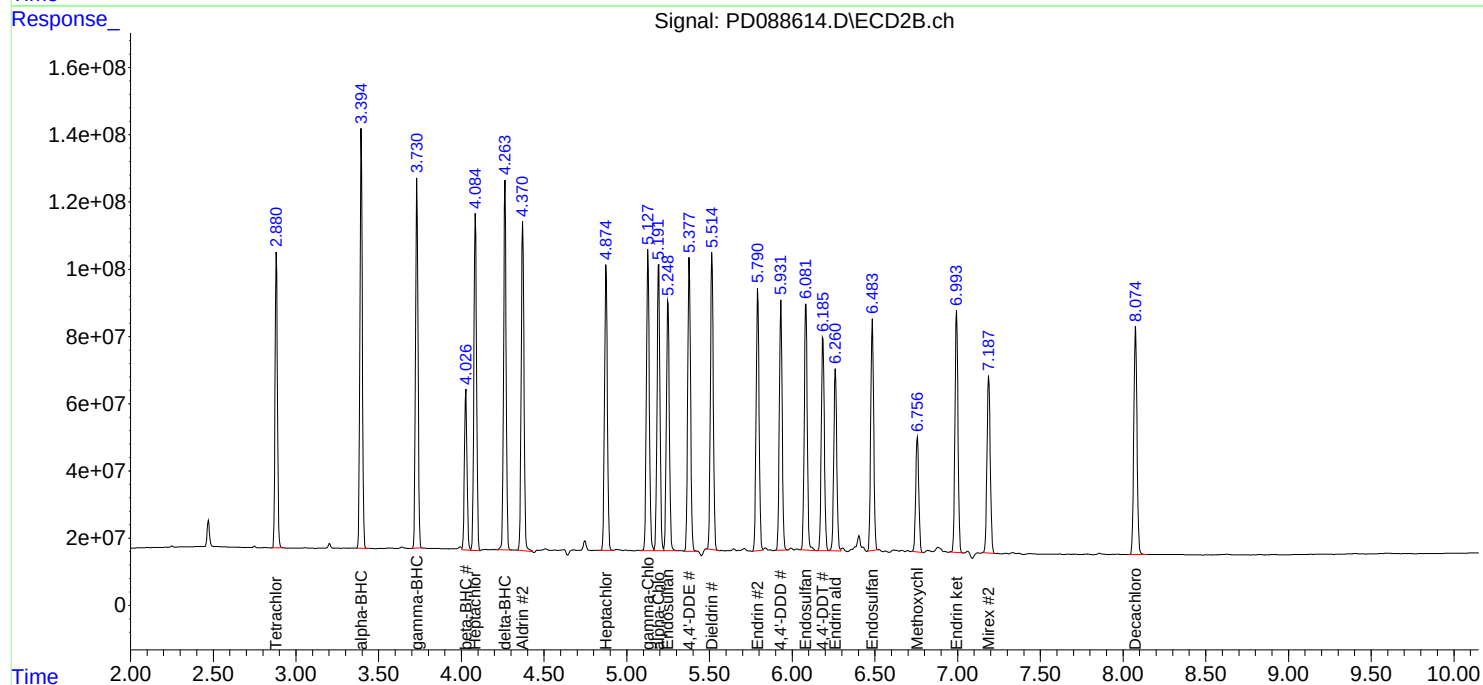
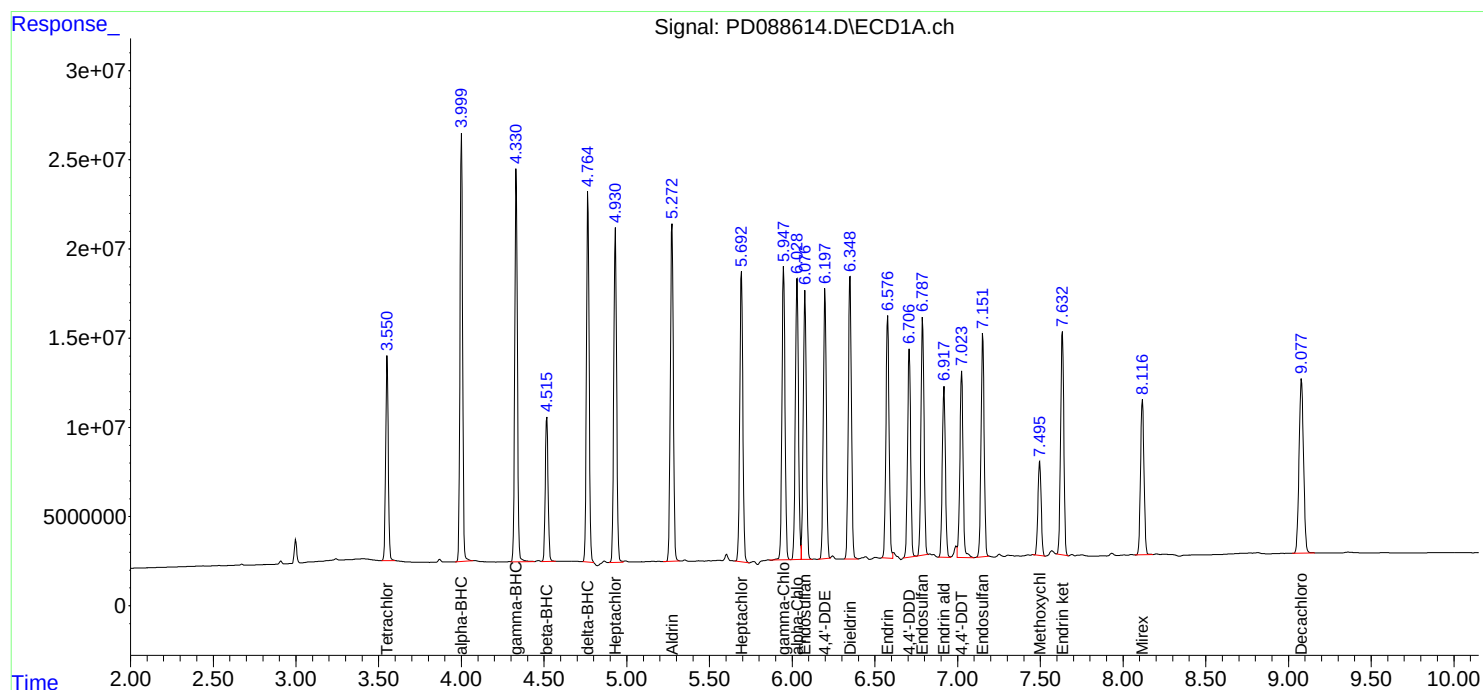
APPROVED

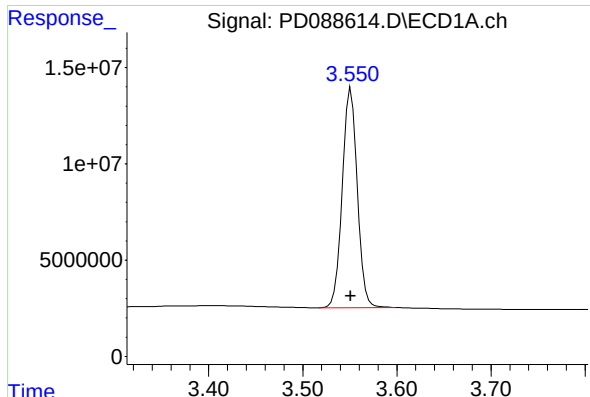
Reviewed By :Abdul Mirza 05/20/2025

Supervised By :mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 04:39:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





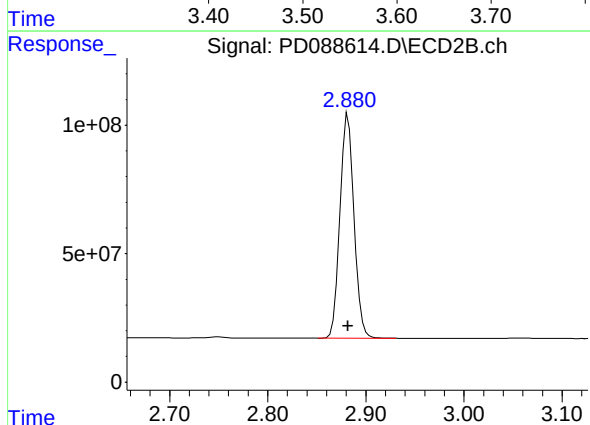
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 126482608
Conc: 58.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

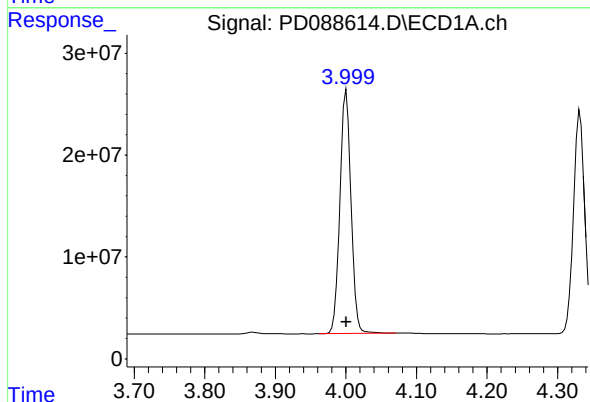
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Supervised By :mohammad ahmed 05/21/2025



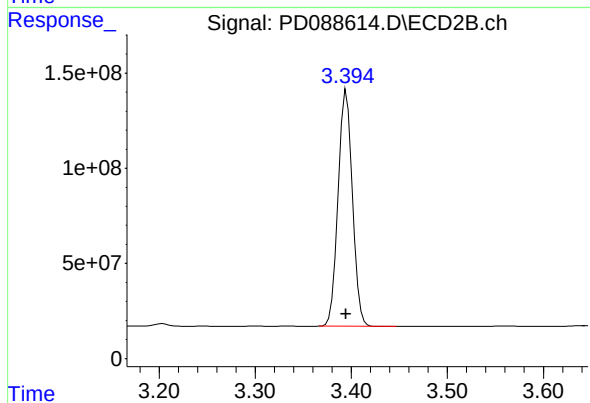
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 873050105
Conc: 57.72 ng/ml



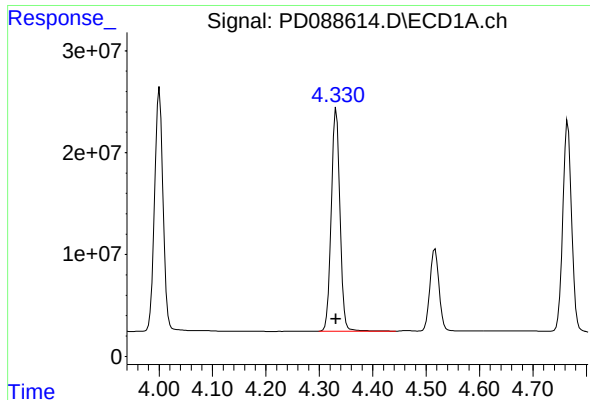
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 262079229
Conc: 54.87 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 1264485060
Conc: 52.90 ng/ml



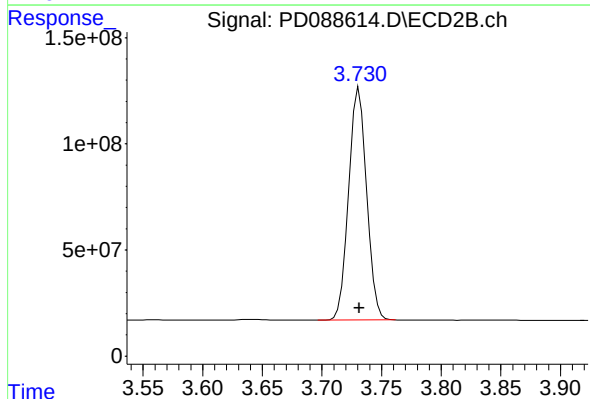
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 246573212
Conc: 53.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

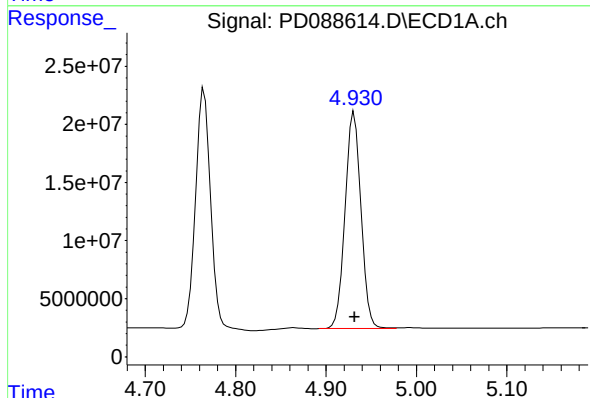
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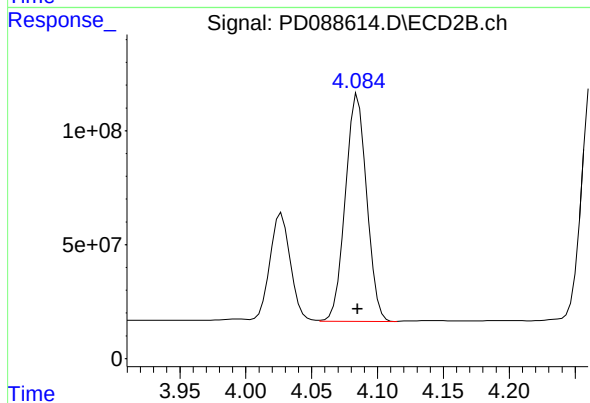
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: 0.000 min
Response: 1150583267
Conc: 51.91 ng/ml



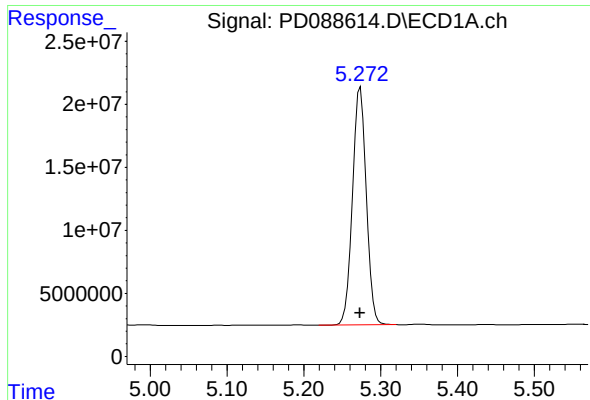
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 228300712
Conc: 51.06 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: 0.000 min
Response: 1120893488
Conc: 49.92 ng/ml



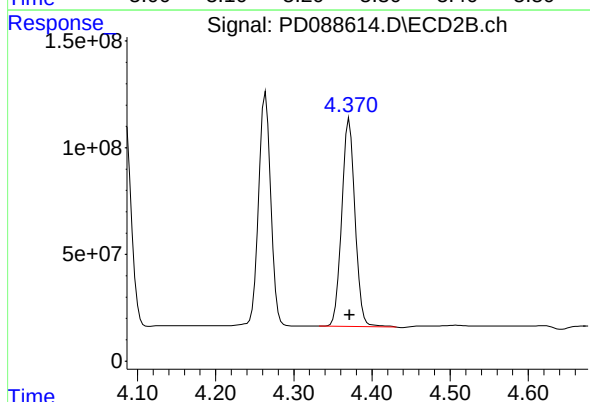
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 235448552
Conc: 53.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

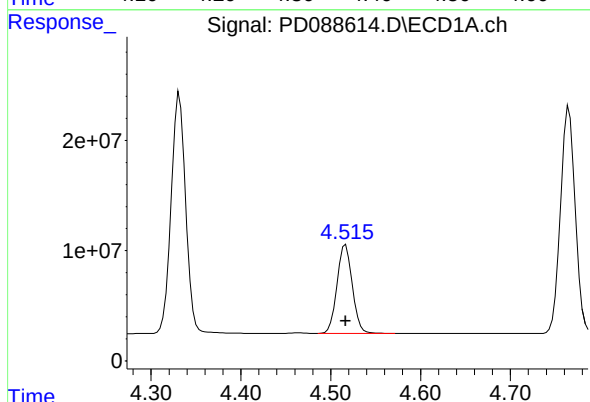
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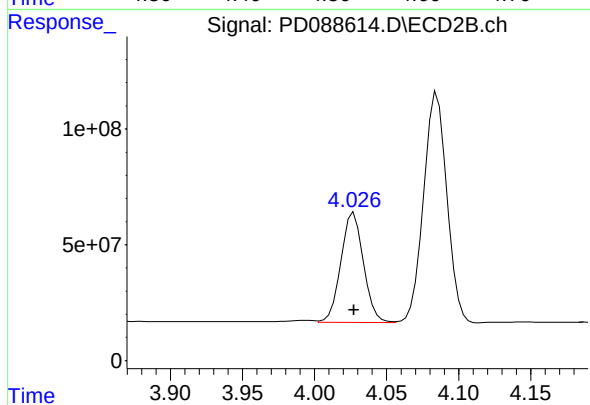
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 1153439210
Conc: 52.60 ng/ml



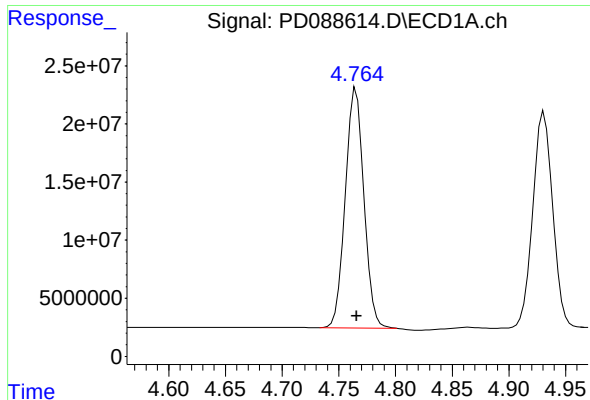
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 95168404
Conc: 52.78 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 514151307
Conc: 52.78 ng/ml



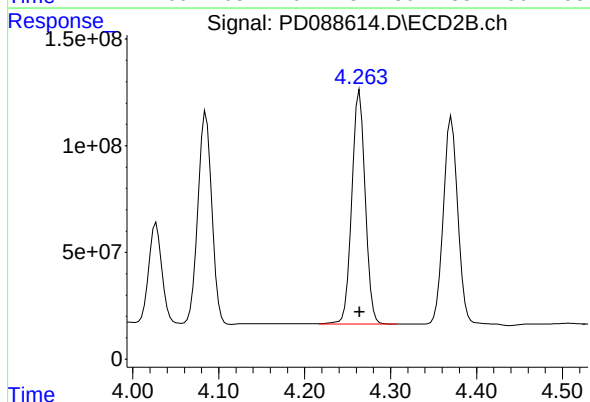
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 235315890
Conc: 55.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

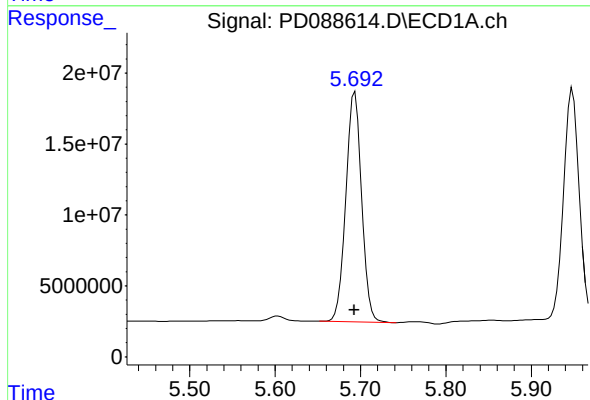
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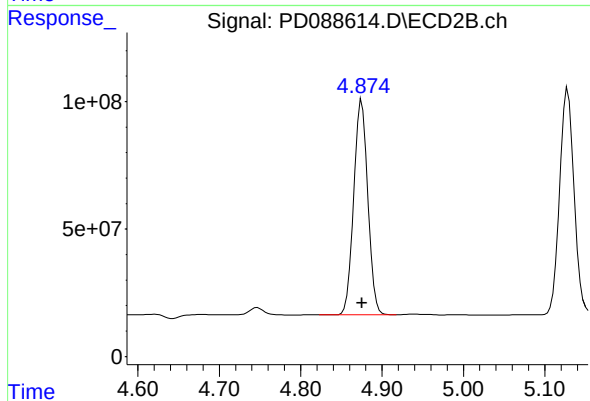
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 1177181389
Conc: 52.80 ng/ml



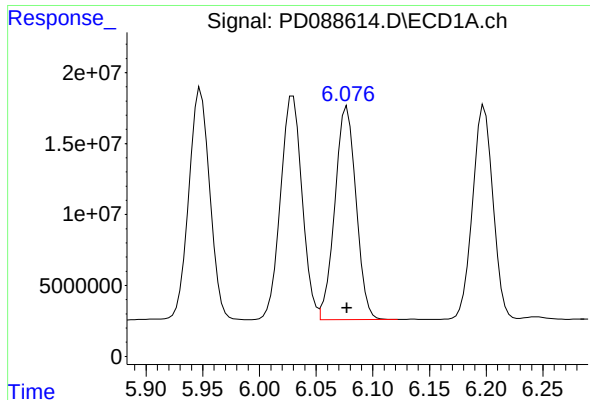
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 208408919
Conc: 52.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 1020825248
Conc: 51.37 ng/ml



#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 194980880
Conc: 51.82 ng/ml

Instrument :

ECD_D

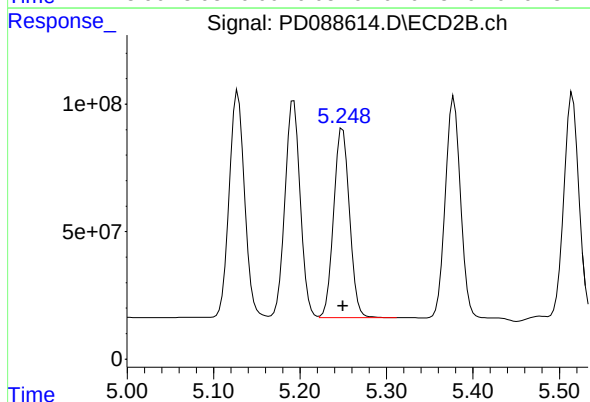
ClientSampleId :

PSTDCCC050

Manual Integrations

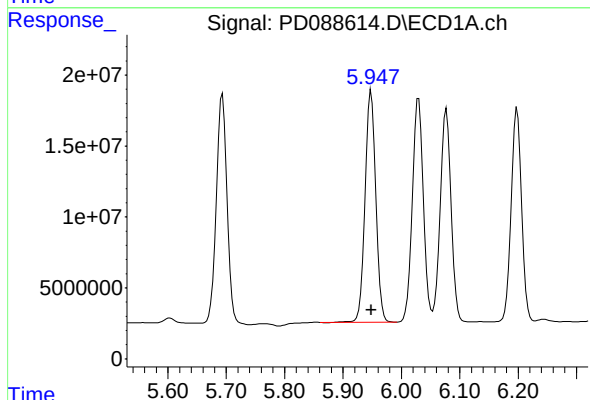
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Reviewed By :Abdul Mirza 05/20/2025
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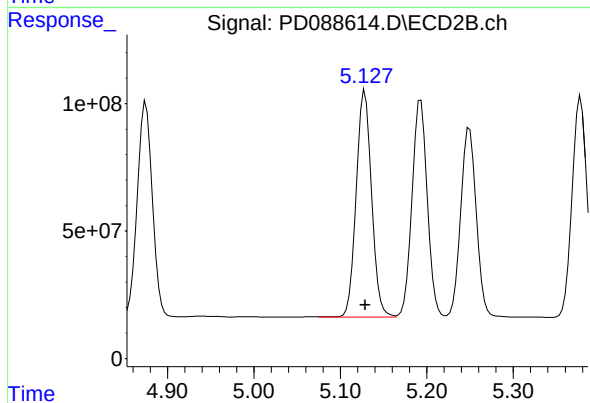
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 932713484
Conc: 49.15 ng/ml



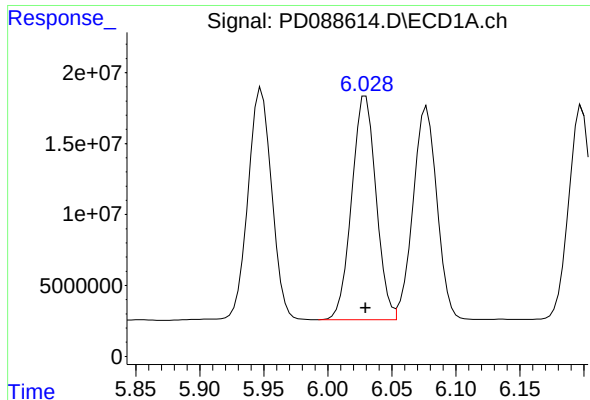
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 210435607
Conc: 52.75 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 1103009442
Conc: 51.71 ng/ml



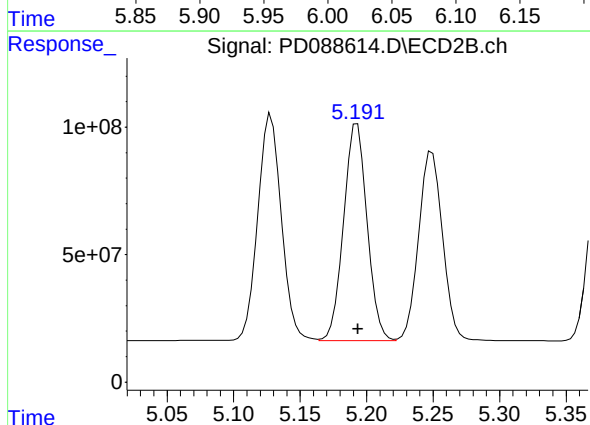
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 208639122
Conc: 52.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

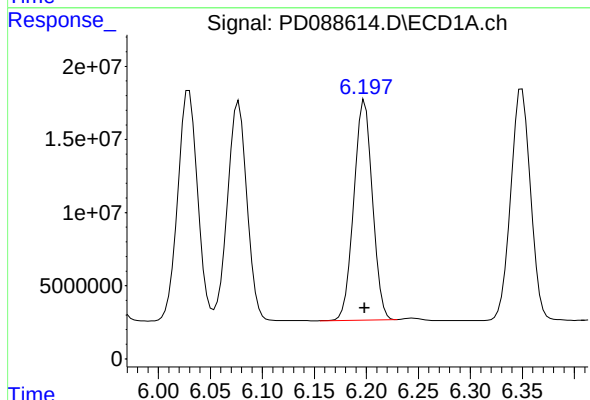
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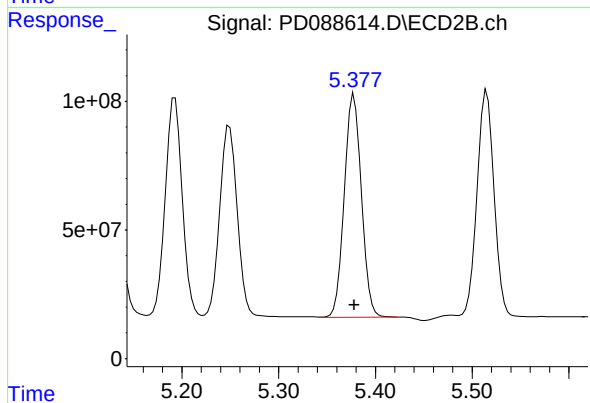
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 1048352082
Conc: 50.83 ng/ml



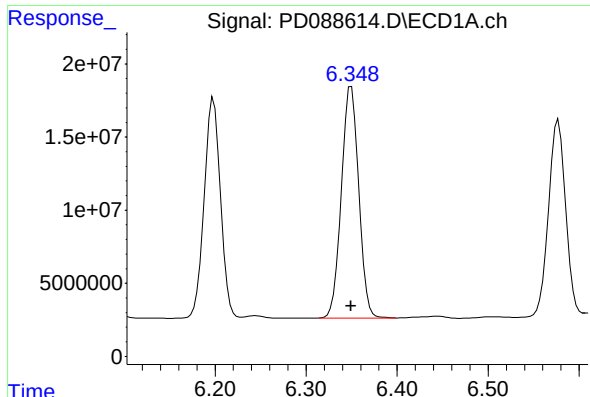
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 187048372
Conc: 52.11 ng/ml



#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 1061697823
Conc: 50.79 ng/ml m



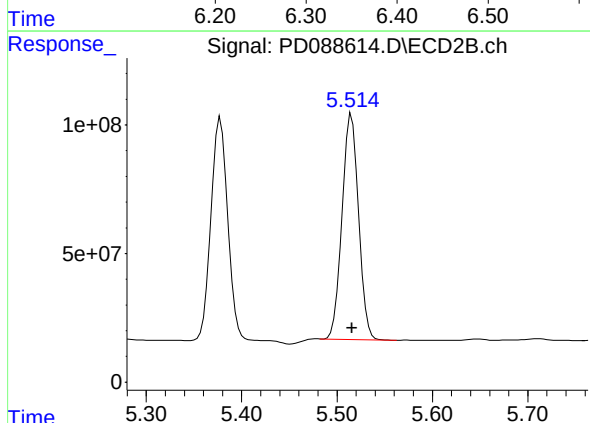
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 210161439
Conc: 52.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

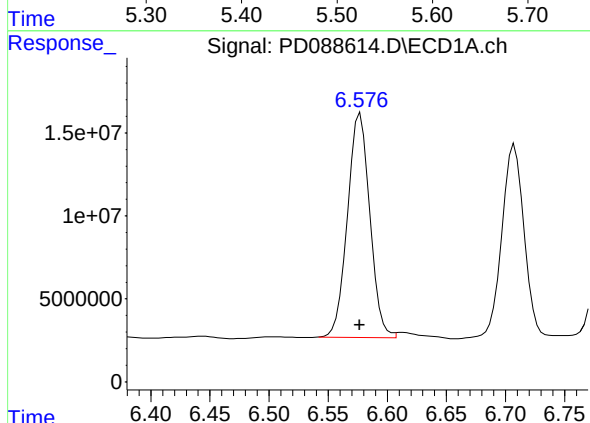
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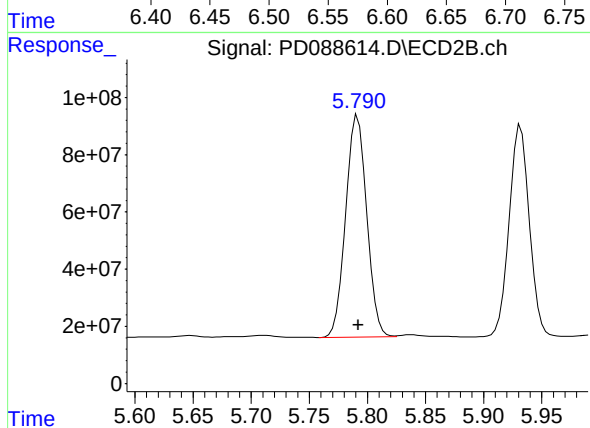
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 1055872439
Conc: 50.17 ng/ml



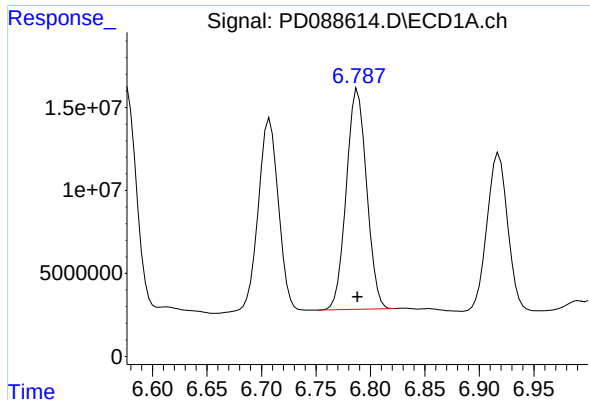
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 177464986
Conc: 51.96 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 975222677
Conc: 50.57 ng/ml



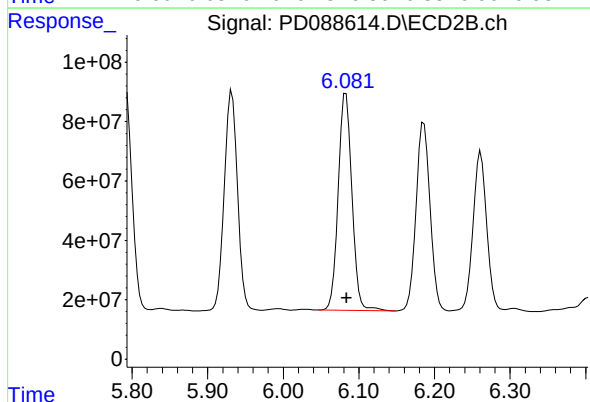
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 172285934
Conc: 50.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

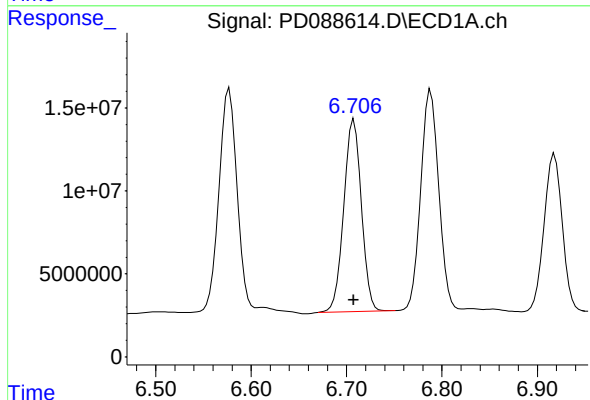
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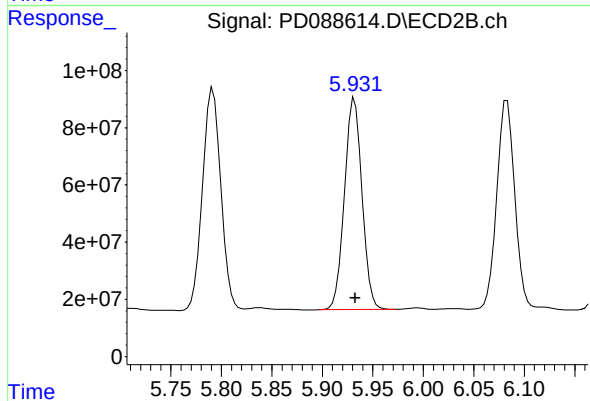
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 919217692
Conc: 50.17 ng/ml



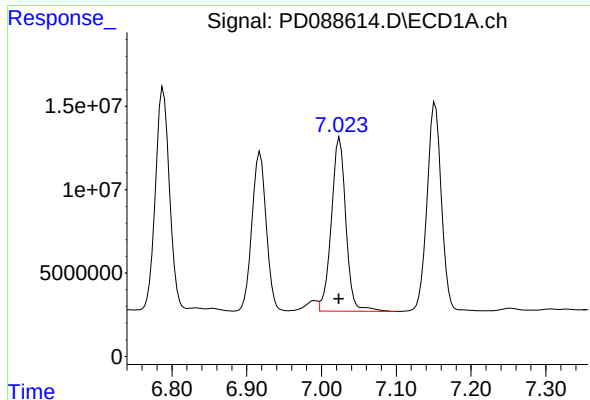
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 149279969
Conc: 53.60 ng/ml



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 895167039
Conc: 51.47 ng/ml



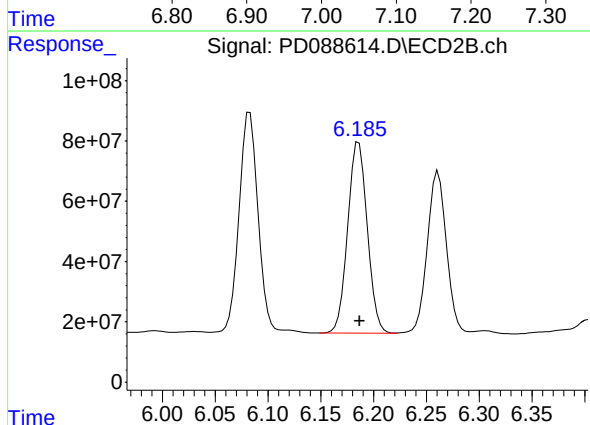
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 141298714
Conc: 45.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

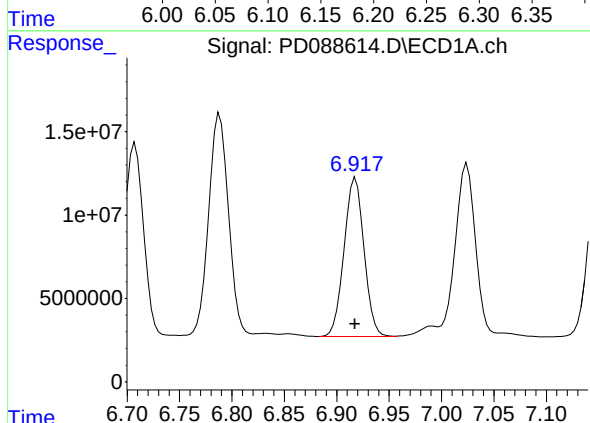
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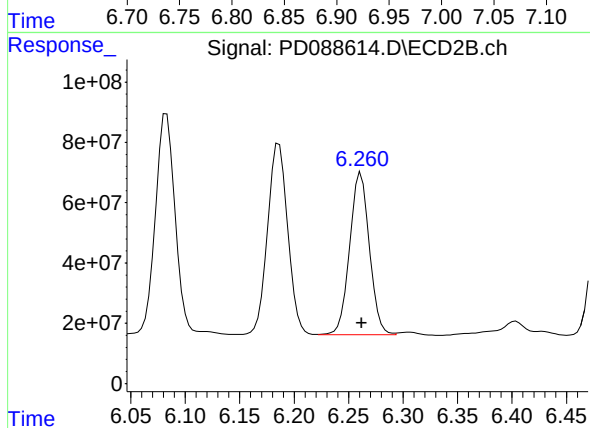
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 818269391
Conc: 45.12 ng/ml



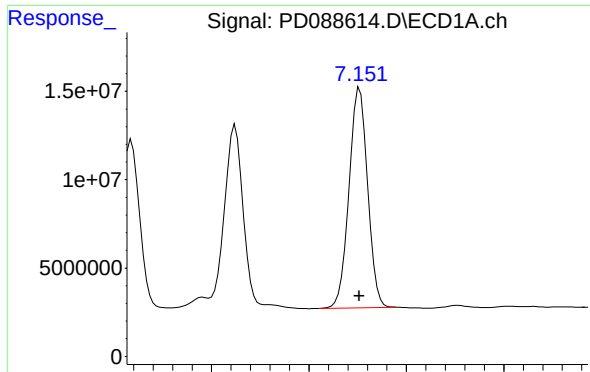
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 126548538
Conc: 49.15 ng/ml



#18 Endrin aldehyde

R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 675364589
Conc: 48.49 ng/ml



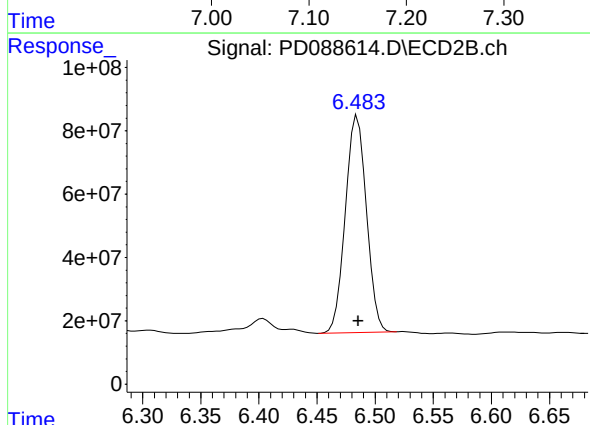
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: 0.000 min
Response: 164974406
Conc: 51.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

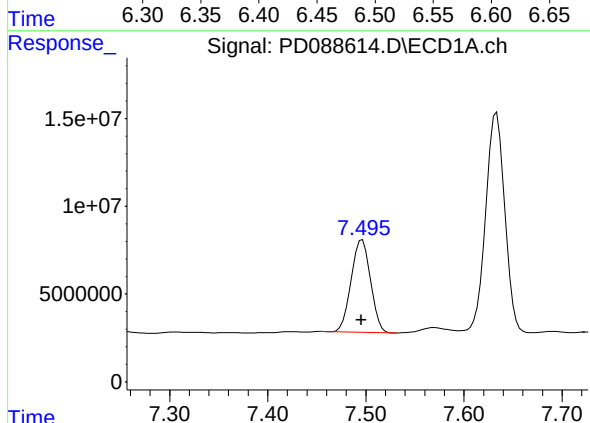
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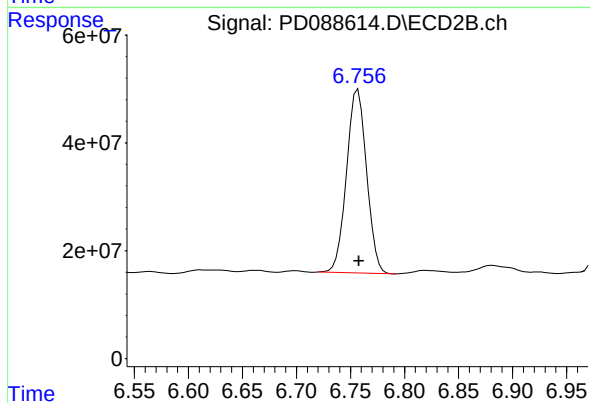
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 862984719
Conc: 48.60 ng/ml



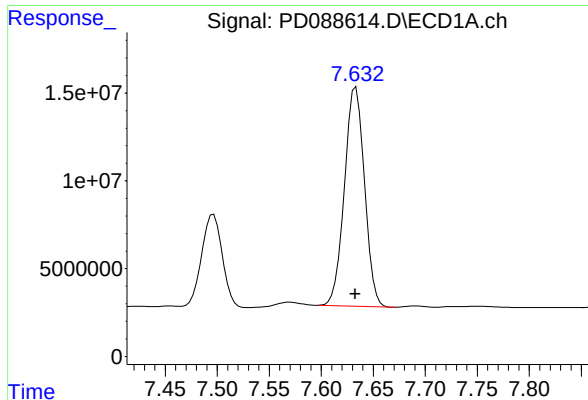
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.001 min
Response: 72360216
Conc: 43.32 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 439400168
Conc: 45.89 ng/ml



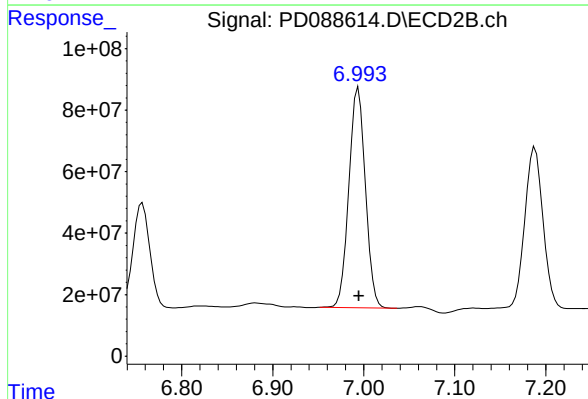
#21 Endrin ketone

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 167225439
Conc: 48.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

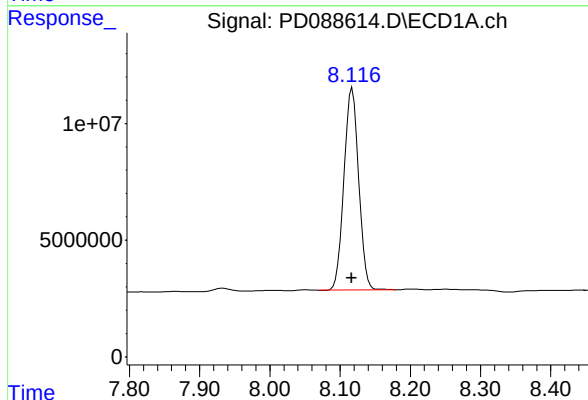
Manual Integrations
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Reviewed By :Abdul Mirza 05/20/2025
Supervised By :mohammad ahmed 05/21/2025



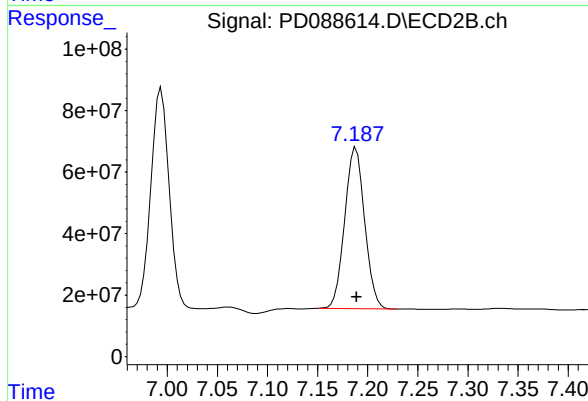
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 908090173
Conc: 46.94 ng/ml



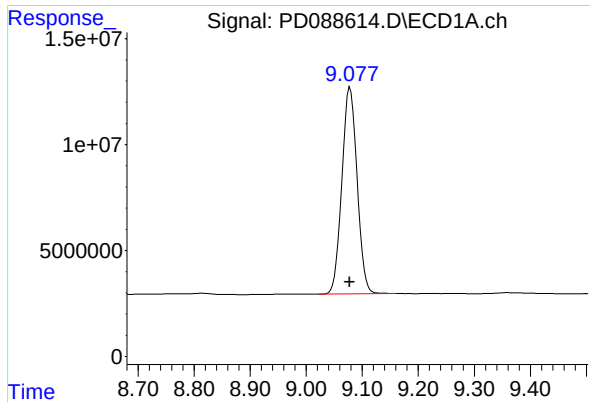
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 125974550
Conc: 48.48 ng/ml



#22 Mirex

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 725446498
Conc: 47.72 ng/ml



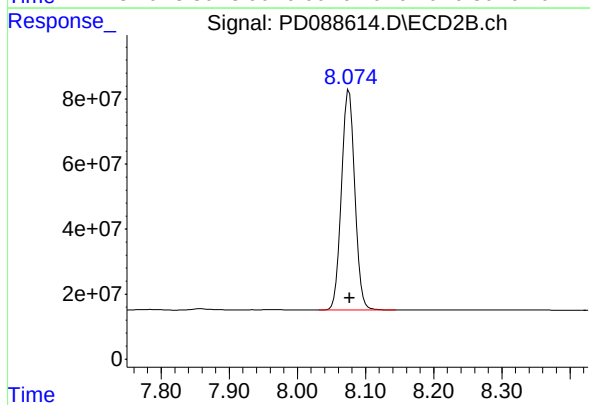
#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.000 min
Response: 184460947
Conc: 53.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 05/21/2025



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 916806063
Conc: 50.22 ng/ml