

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050225\
 Data File : PD088388.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2025 10:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/05/2025
 Supervised By :mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 22:51:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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	110.0E6	743.7E6	55.083	50.864
28)	SA Decachlor...	9.075	8.076	164.4E6	857.6E6	49.697	46.408
Target Compounds							
2)	A alpha-BHC	4.000	3.395	250.1E6	1172.3E6	57.995	51.279
3)	MA gamma-BHC...	4.331	3.731	239.6E6	1086.2E6	57.230	50.432
4)	MA Heptachlor	4.931	4.085	227.9E6	1040.3E6	56.437	48.618
5)	MB Aldrin	5.272	4.369	227.5E6	1067.0E6	57.603	51.292m
6)	B beta-BHC	4.516	4.027	91096112	466.0E6	56.115	50.354
7)	B delta-BHC	4.764	4.263	235.0E6	1080.9E6	56.958	50.837
8)	B Heptachlo...	5.692	4.875	202.5E6	955.8E6	56.666	50.589
9)	A Endosulfan I	6.076	5.249	193.0E6	808.0E6	57.151	44.860
10)	B gamma-Chl...	5.947	5.128	210.9E6	1034.1E6	58.236	50.953
11)	B alpha-Chl...	6.028	5.192	207.1E6	992.1E6	57.368	50.610
12)	B 4,4'-DDE	6.197	5.376	181.1E6	1005.4E6	54.915	51.053m
13)	MA Dieldrin	6.348	5.515	205.4E6	1009.8E6	57.549	50.661
14)	MA Endrin	6.575	5.791	163.9E6	891.4E6	54.967	48.969
15)	B Endosulfa...	6.787	6.082	172.7E6	892.5E6	55.230	50.940
16)	A 4,4'-DDD	6.706	5.932	150.6E6	858.2E6	59.878	52.373
17)	MA 4,4'-DDT	7.022	6.186	141.6E6	800.0E6	50.989	47.016
18)	B Endrin al...	6.916	6.261	125.0E6	649.2E6	54.177	48.812
19)	B Endosulfa...	7.150	6.485	159.7E6	848.7E6	55.532	49.532
20)	A Methoxychlor	7.494	6.757	74268985	408.9E6	49.528	44.827
21)	B Endrin ke...	7.631	6.994	172.9E6	944.1E6	56.029	50.478
22)	Mirex	8.116	7.188	126.5E6	728.1E6	53.866	49.124

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050225\
Data File : PD088388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 10:37
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

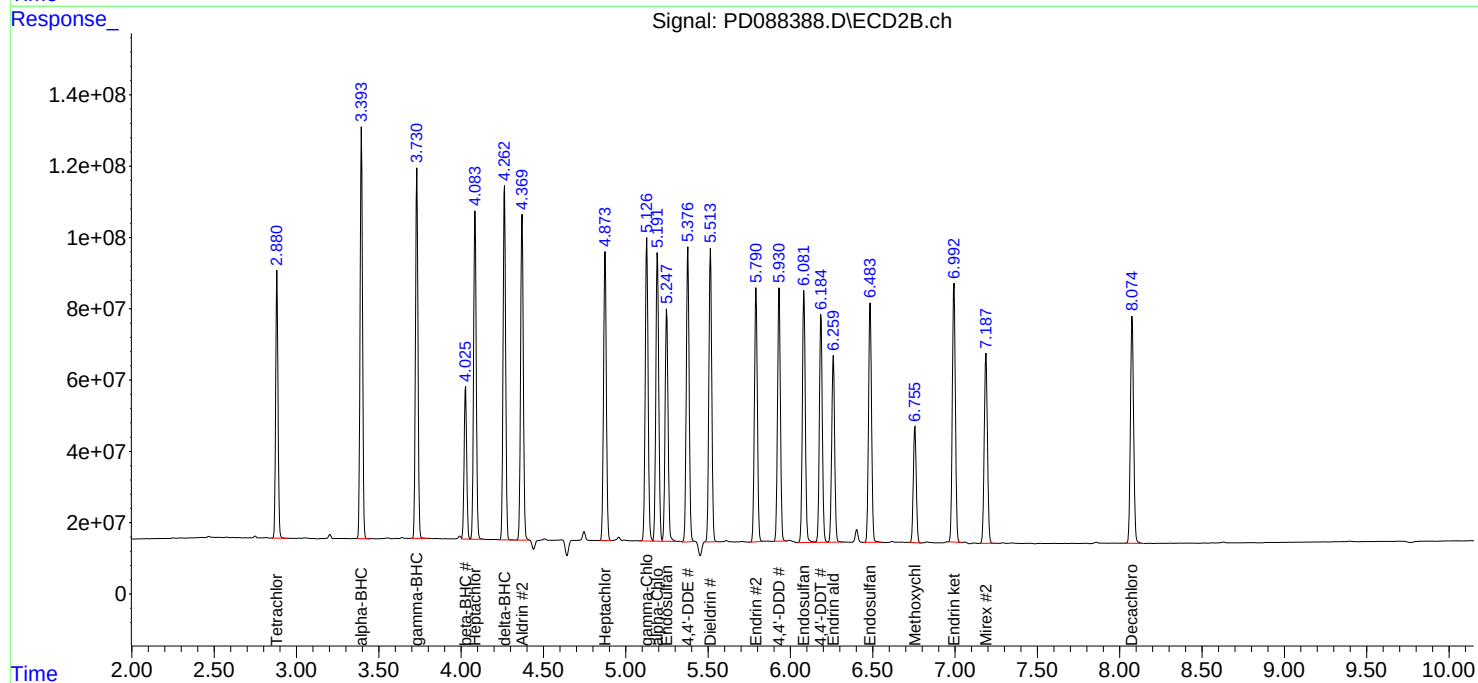
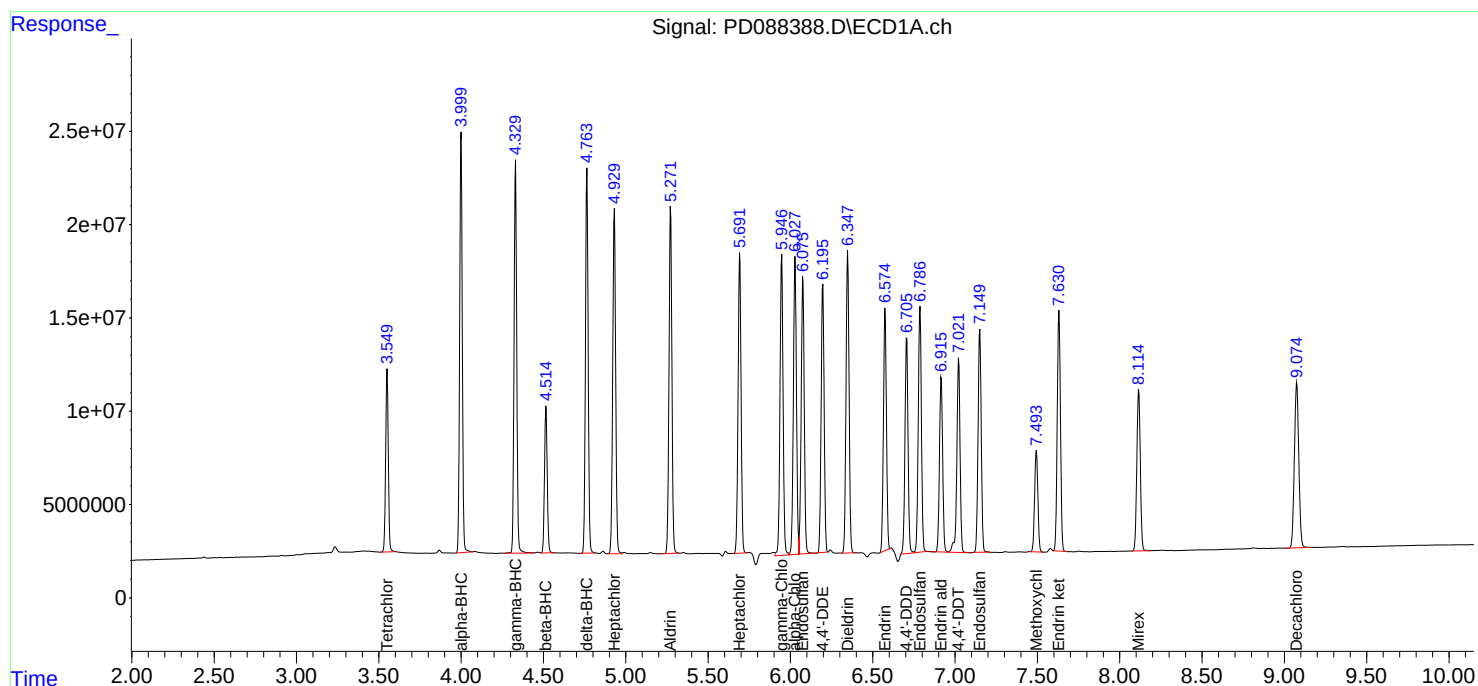
APPROVED

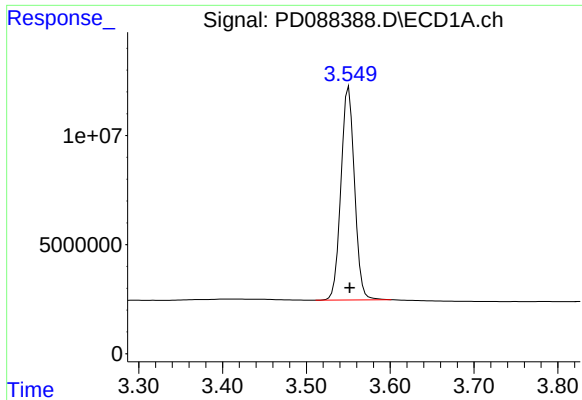
Reviewed By :Abdul Mirza 05/05/2025

Supervised By :mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 22:51:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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





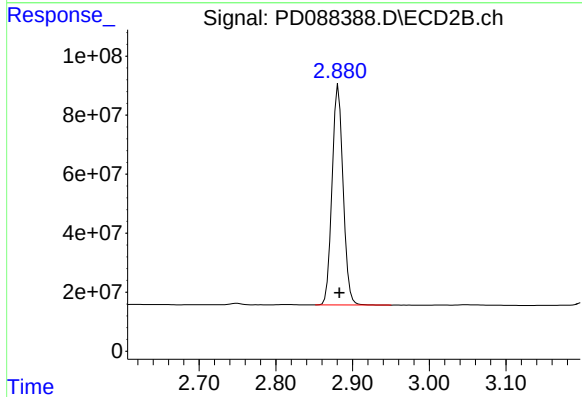
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: -0.001 min
Response: 110023519
Conc: 55.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

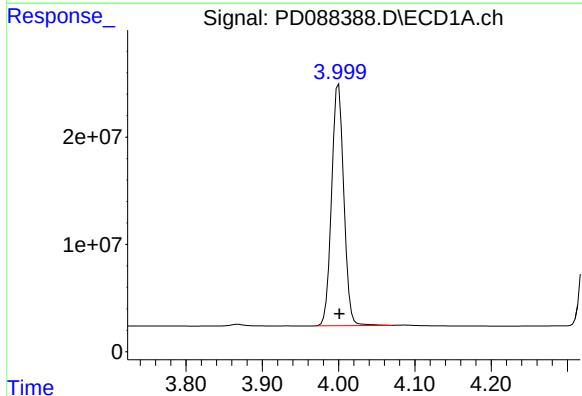
Manual Integrations
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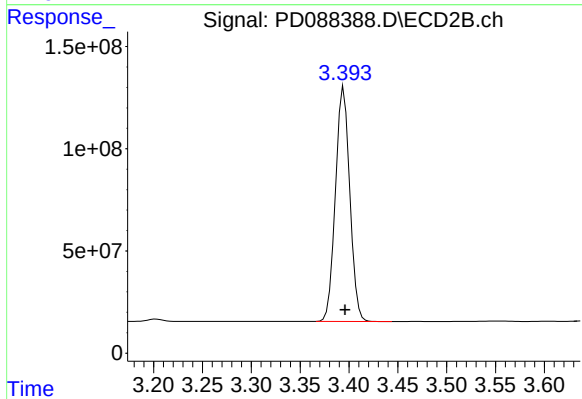
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.002 min
Response: 743715585
Conc: 50.86 ng/ml



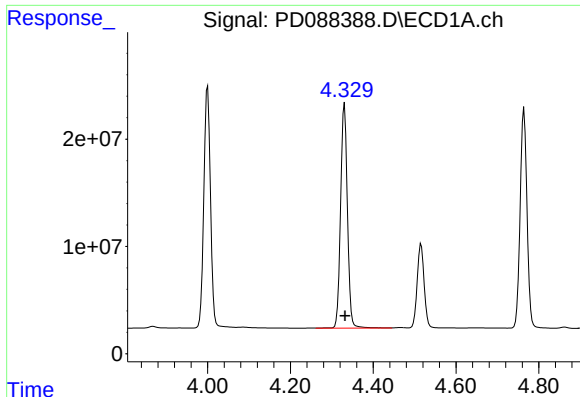
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 250076135
Conc: 58.00 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 1172310951
Conc: 51.28 ng/ml



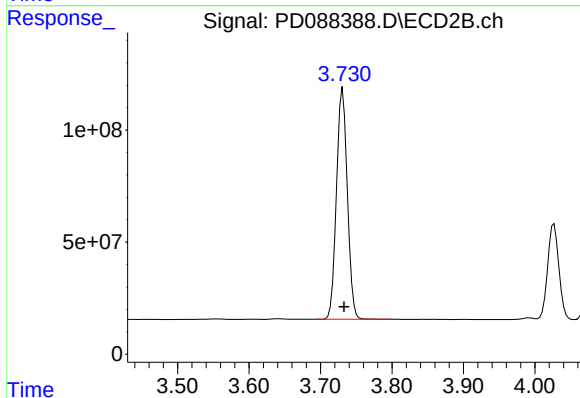
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 239649859
Conc: 57.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

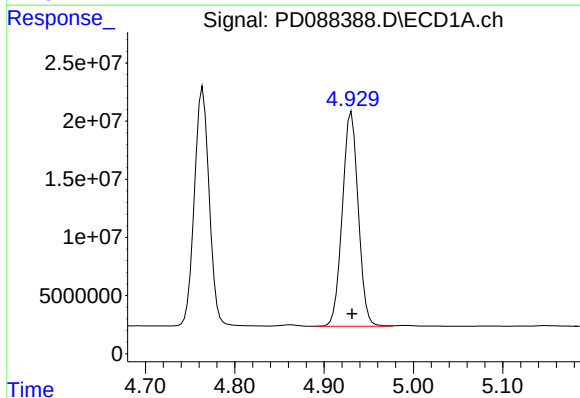
Manual Integrations
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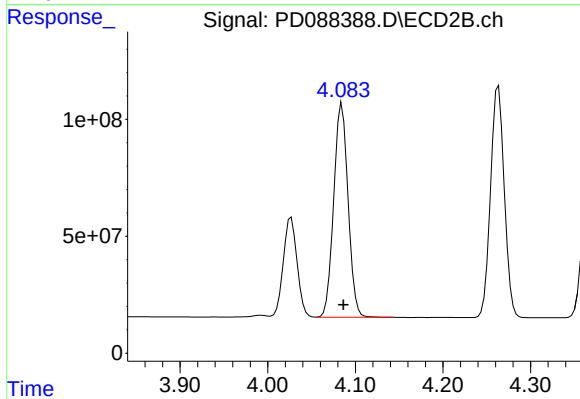
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 1086229637
Conc: 50.43 ng/ml



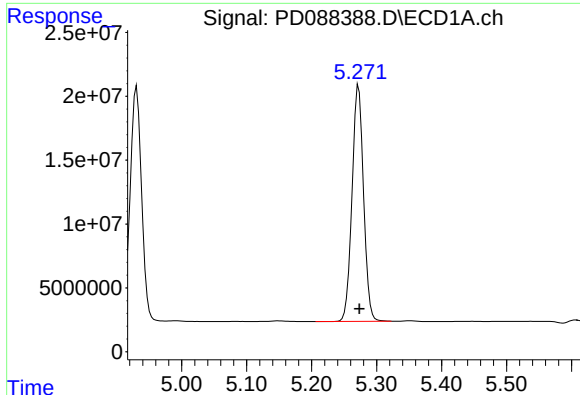
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 227946569
Conc: 56.44 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 1040342386
Conc: 48.62 ng/ml



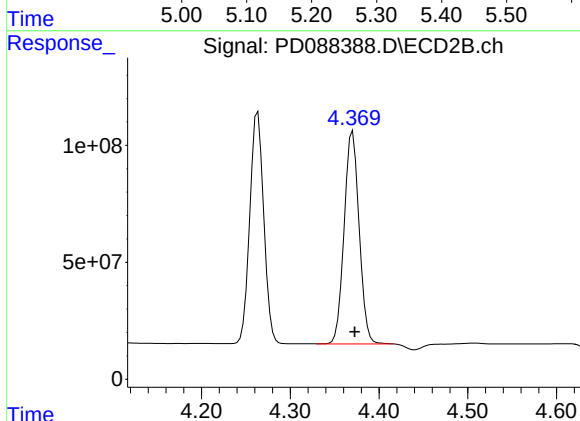
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 227506410
Conc: 57.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

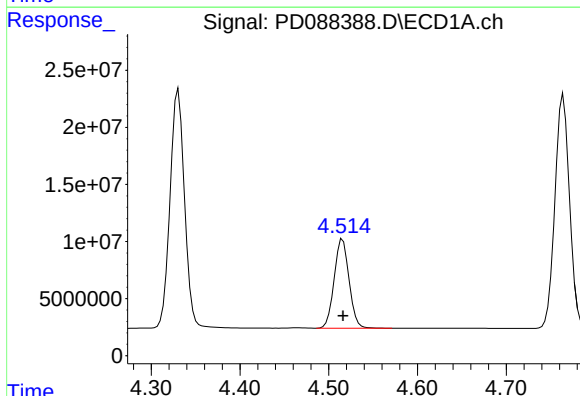
Manual Integrations
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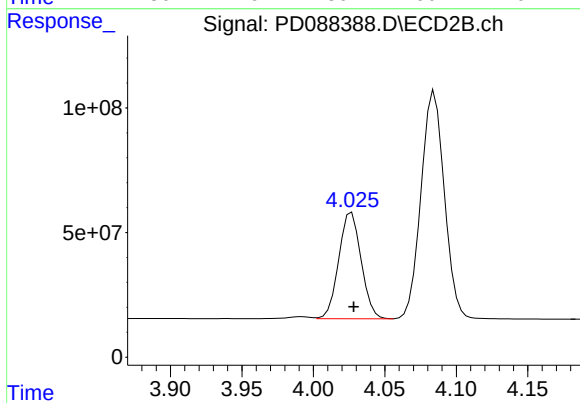
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: -0.004 min
Response: 1067011203
Conc: 51.29 ng/ml m



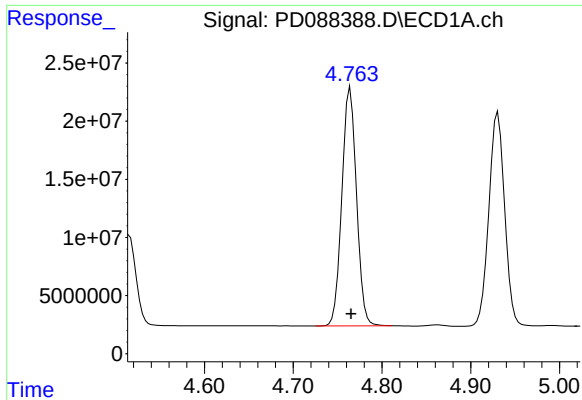
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 91096112
Conc: 56.12 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 465978745
Conc: 50.35 ng/ml



#7 delta-BHC

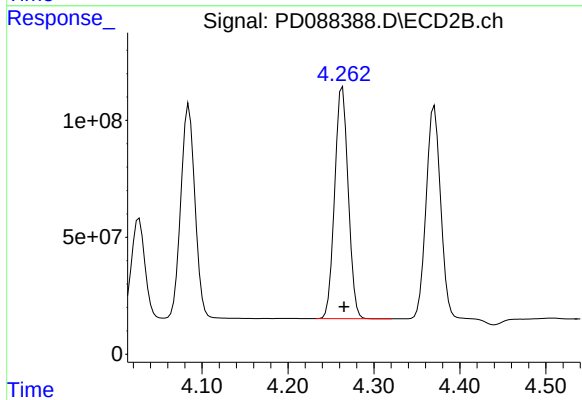
R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 234951330
Conc: 56.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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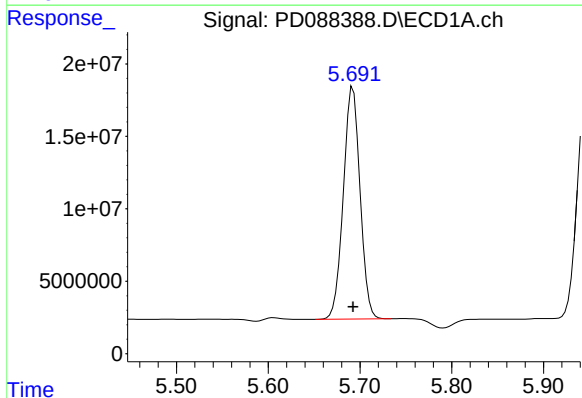
Reviewed By :Abdul
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ahmed
05/06/2025



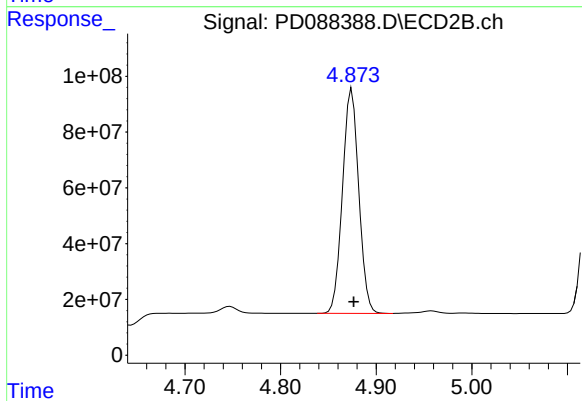
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 1080870748
Conc: 50.84 ng/ml



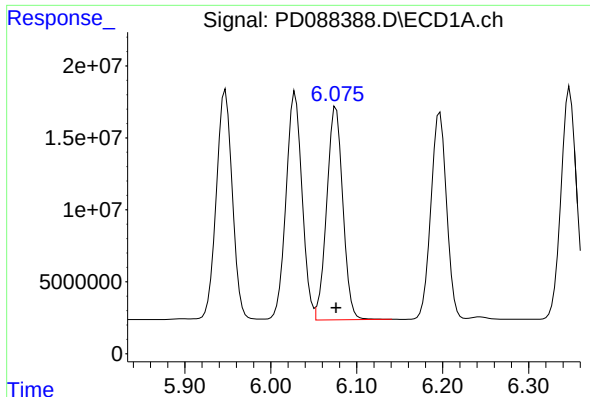
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 202520217
Conc: 56.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 955845134
Conc: 50.59 ng/ml



#9 Endosulfan I

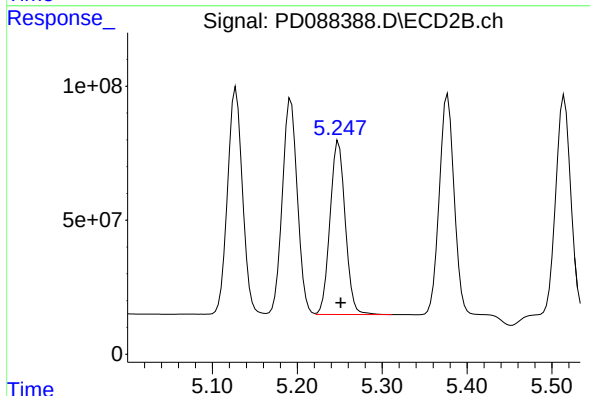
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 193007452
Conc: 57.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

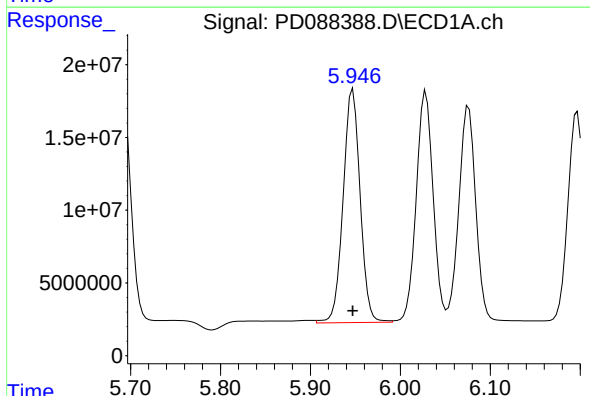
Reviewed By :Abdul
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05/06/2025



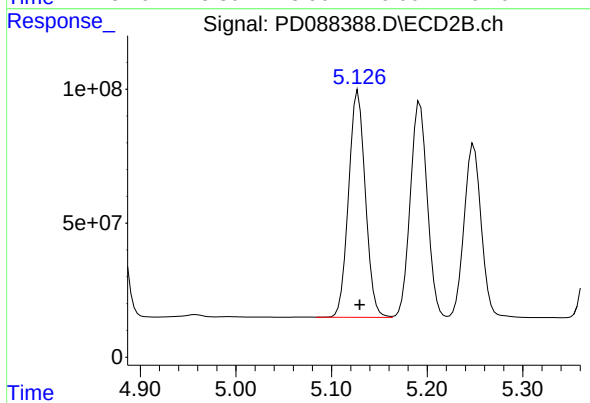
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 808034023
Conc: 44.86 ng/ml



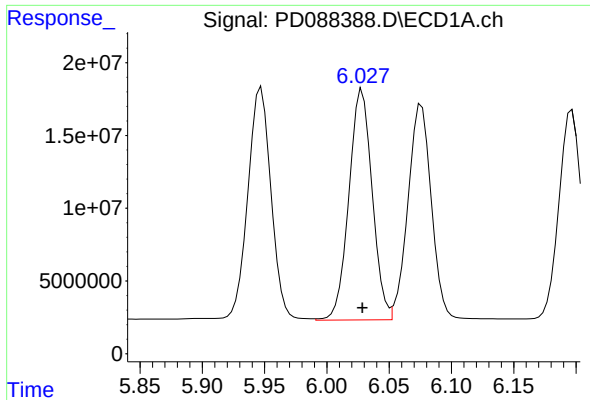
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 210933983
Conc: 58.24 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 1034131552
Conc: 50.95 ng/ml



#11 alpha-Chlordane

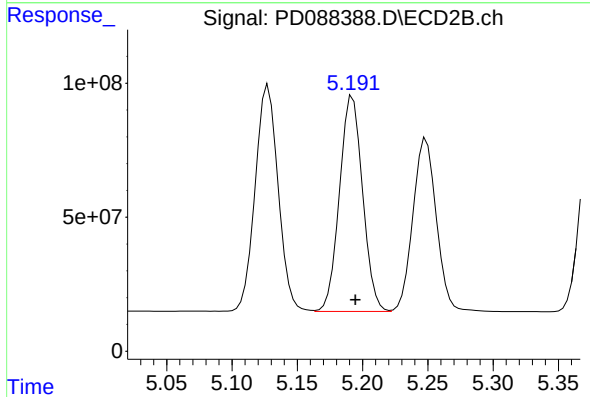
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 207075269
Conc: 57.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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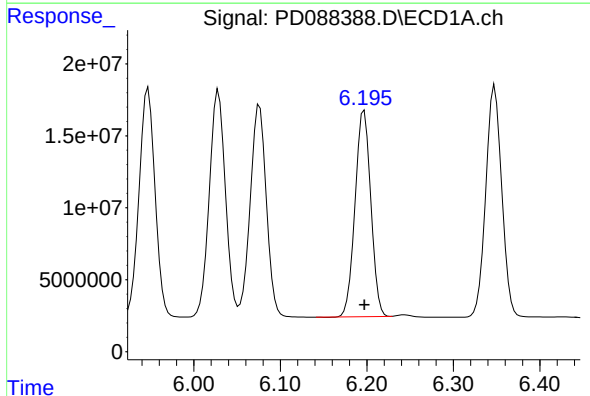
Reviewed By :Abdul
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05/06/2025



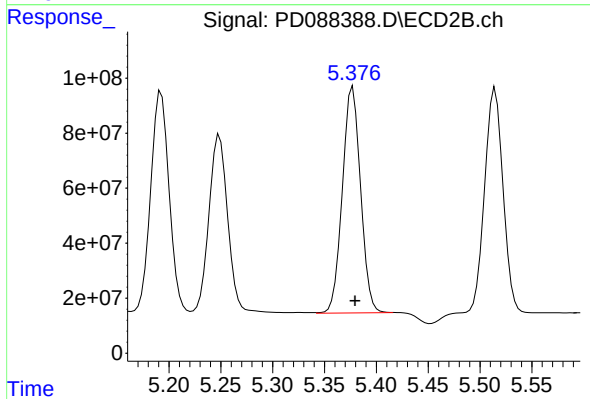
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 992100237
Conc: 50.61 ng/ml



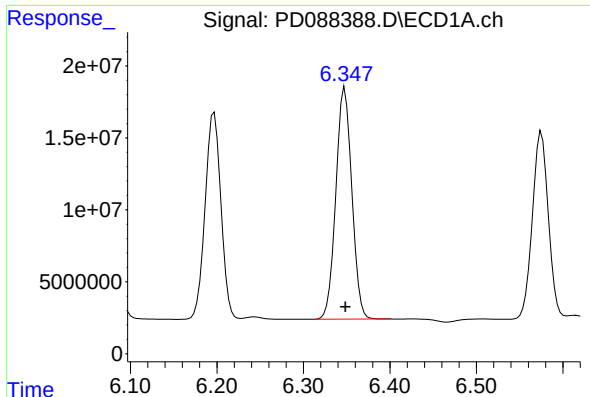
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 181122374
Conc: 54.91 ng/ml



#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: -0.004 min
Response: 1005445233
Conc: 51.05 ng/ml m



#13 Dieldrin

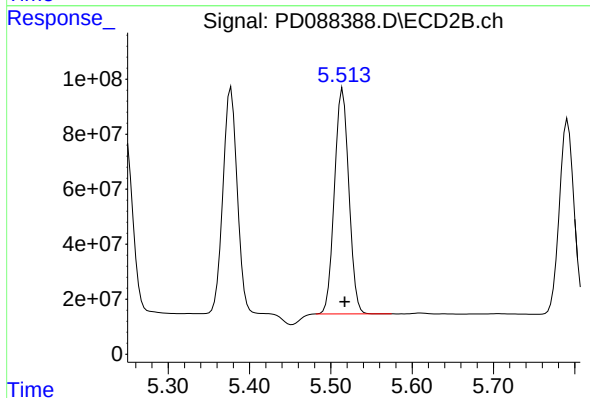
R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 205363155
Conc: 57.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

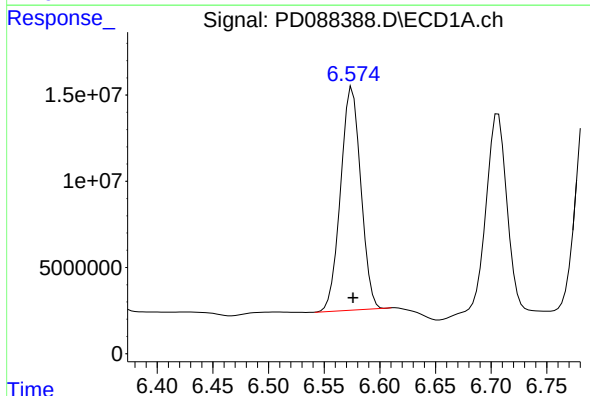
Reviewed By :Abdul
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Supervised By :mohammad
ahmed
05/06/2025



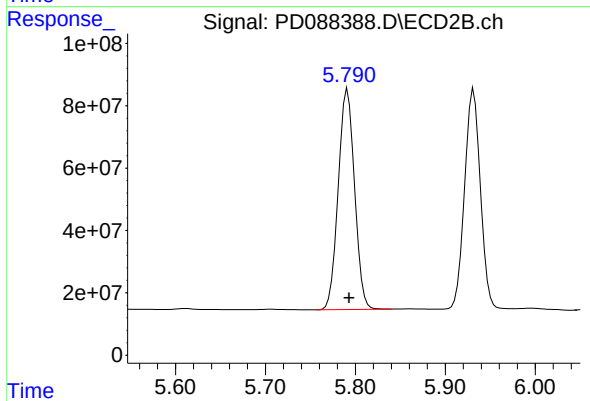
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 1009822346
Conc: 50.66 ng/ml



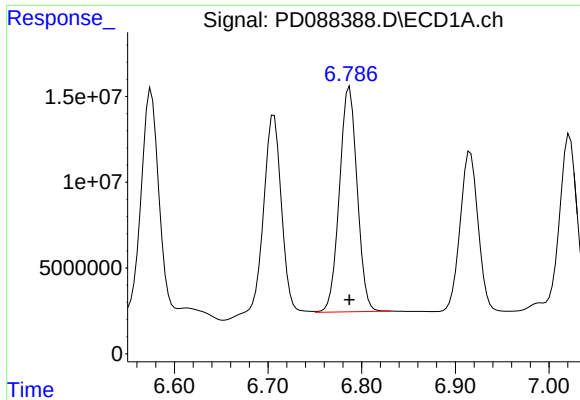
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 163943815
Conc: 54.97 ng/ml



#14 Endrin

R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 891353139
Conc: 48.97 ng/ml



#15 Endosulfan II

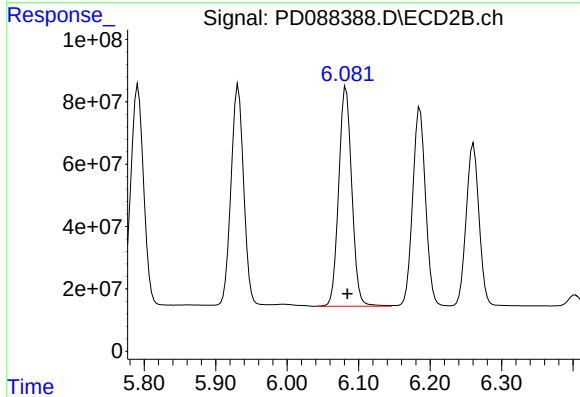
R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 172659746
Conc: 55.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

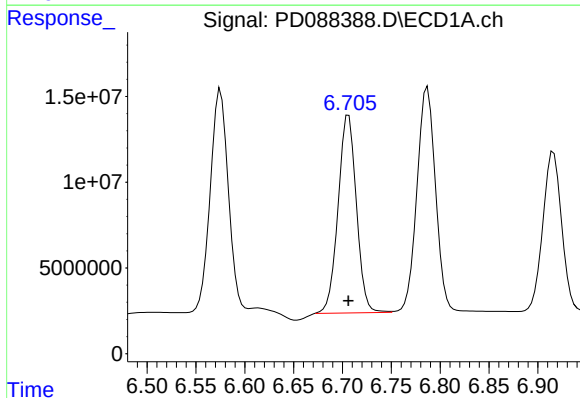
Reviewed By :Abdul
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05/05/2025

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ahmed
05/06/2025



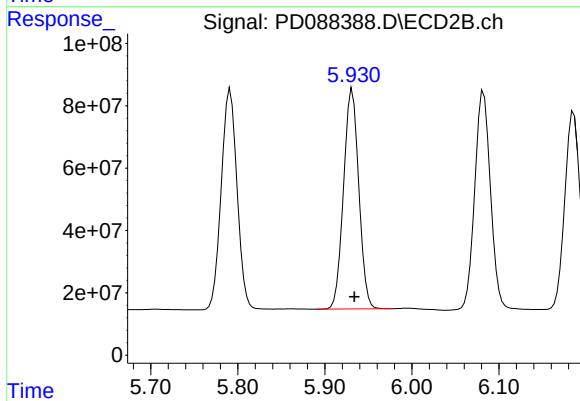
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 892548798
Conc: 50.94 ng/ml



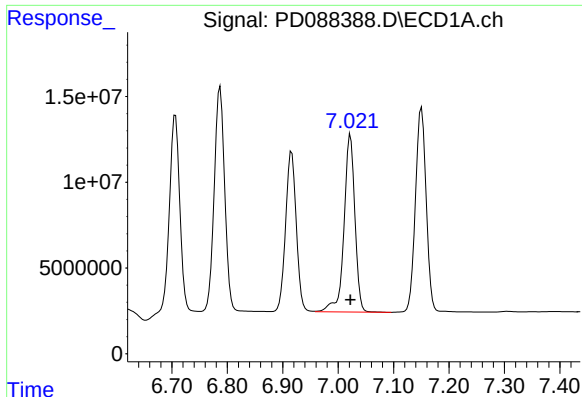
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 150589638
Conc: 59.88 ng/ml



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 858196206
Conc: 52.37 ng/ml



#17 4,4'-DDT

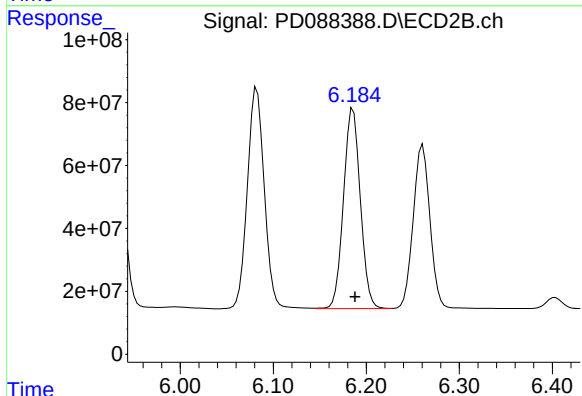
R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 141623190
Conc: 50.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

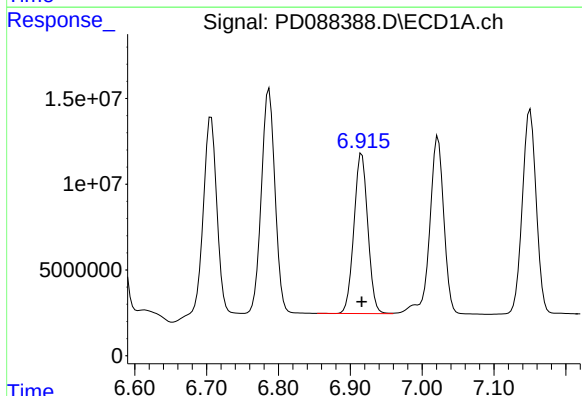
Reviewed By :Abdul
Mirza
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05/06/2025



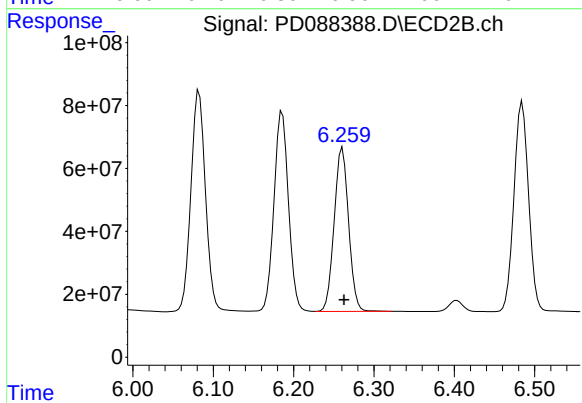
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 800049751
Conc: 47.02 ng/ml



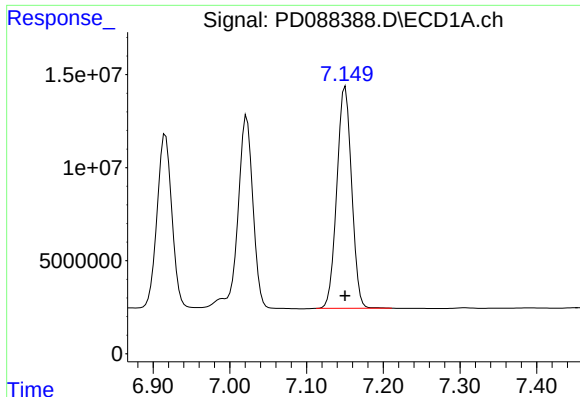
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 125040649
Conc: 54.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 649245294
Conc: 48.81 ng/ml



#19 Endosulfan Sulfate

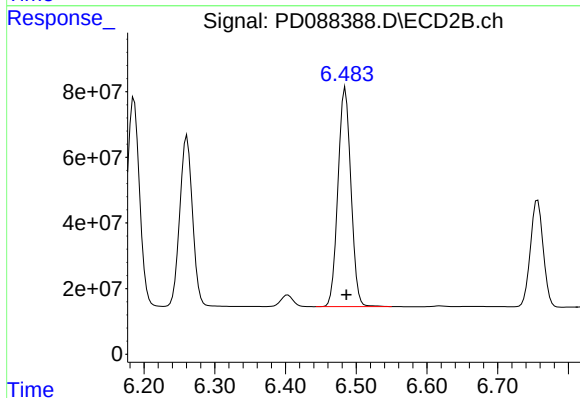
R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 159700725
Conc: 55.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

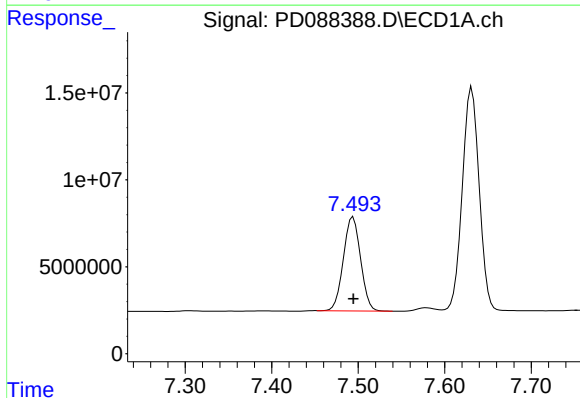
Reviewed By :Abdul
Mirza
05/05/2025

Supervised By :mohammad
ahmed
05/06/2025



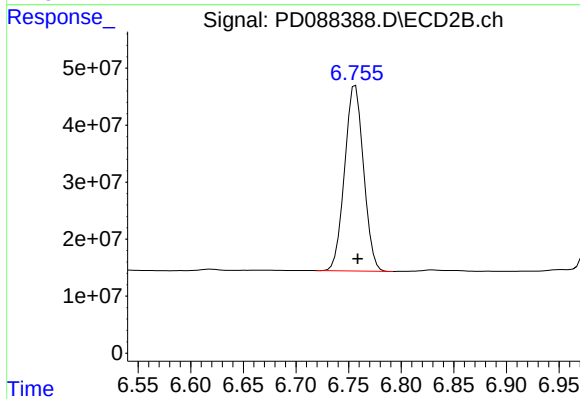
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 848650826
Conc: 49.53 ng/ml



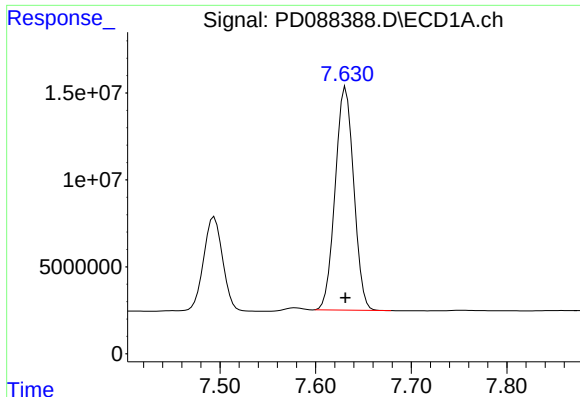
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 74268985
Conc: 49.53 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 408873313
Conc: 44.83 ng/ml



#21 Endrin ketone

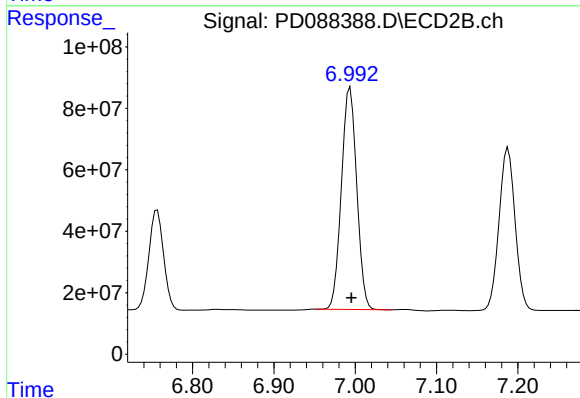
R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 172937862
Conc: 56.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

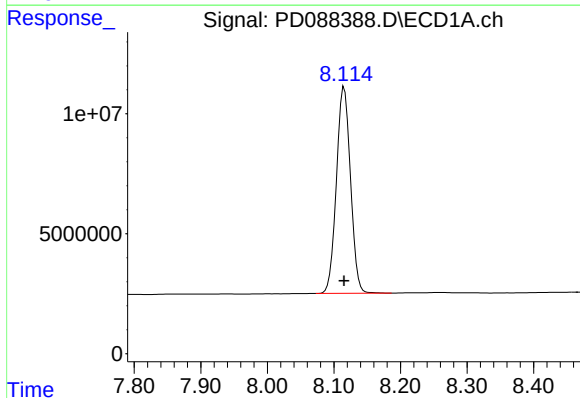
Reviewed By :Abdul
Mirza
05/05/2025

Supervised By :mohammad
ahmed
05/06/2025



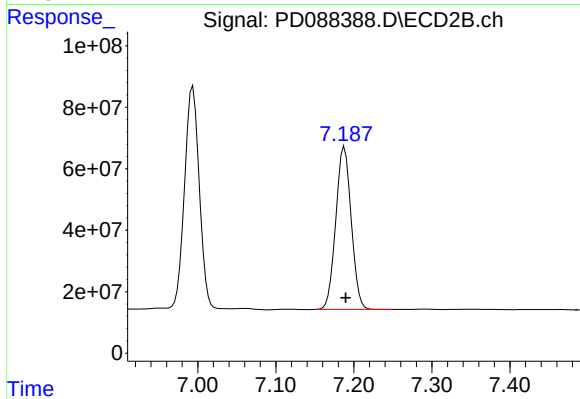
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 944135835
Conc: 50.48 ng/ml



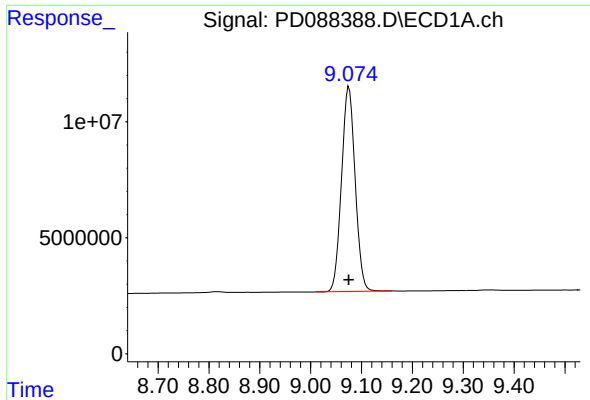
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 126494765
Conc: 53.87 ng/ml



#22 Mirex

R.T.: 7.188 min
Delta R.T.: -0.002 min
Response: 728063555
Conc: 49.12 ng/ml



#28 Decachlorobiphenyl

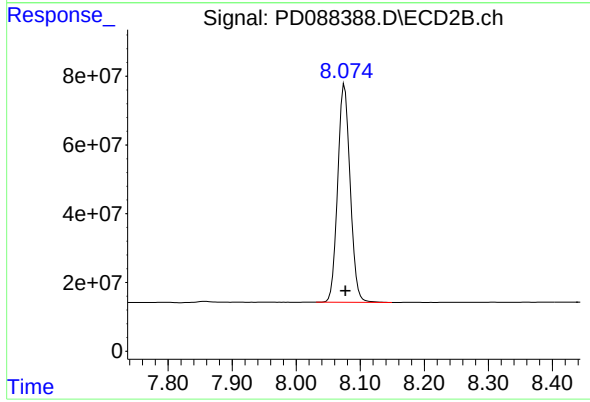
R.T.: 9.075 min
Delta R.T.: 0.000 min
Response: 164404393
Conc: 49.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

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ahmed
05/06/2025



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: -0.001 min
Response: 857603360
Conc: 46.41 ng/ml