

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070425\
 Data File : PD089338.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2025 16:02
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/07/2025
 Supervised By : mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 04 02:19:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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	2.881	157.6E6	982.0E6	55.246	57.925
28)	SA Decachlor...	9.074	8.072	182.0E6	912.7E6	46.330	46.165
Target Compounds							
2)	A alpha-BHC	4.000	3.393	325.9E6	1520.2E6	55.904	56.730
3)	MA gamma-BHC...	4.331	3.728	309.2E6	1362.1E6	55.390	55.018m
4)	MA Heptachlor	4.930	4.082	285.6E6	1304.8E6	52.381	52.110
5)	MB Aldrin	5.271	4.369	290.8E6	1318.3E6	54.743	54.435
6)	B beta-BHC	4.516	4.025	116.4E6	550.4E6	52.760	51.214
7)	B delta-BHC	4.765	4.262	293.3E6	1343.7E6	57.139	54.022
8)	B Heptachlo...	5.691	4.872	251.7E6	1232.3E6	52.180	56.276
9)	A Endosulfan I	6.075	5.246	238.4E6	1101.6E6	52.893	52.854
10)	B gamma-Chl...	5.947	5.125	256.6E6	1287.6E6	53.600	53.823
11)	B alpha-Chl...	6.027	5.190	255.5E6	1212.2E6	52.805	52.941
12)	B 4,4'-DDE	6.196	5.375	220.5E6	1201.7E6	50.563	52.439
13)	MA Dieldrin	6.348	5.511	252.0E6	1227.7E6	52.534	52.899m
14)	MA Endrin	6.575	5.789	203.3E6	1175.5E6	49.269	54.136
15)	B Endosulfa...	6.787	6.080	208.9E6	1033.0E6	51.759	51.148
16)	A 4,4'-DDD	6.706	5.929	187.3E6	1001.5E6	54.571	52.352
17)	MA 4,4'-DDT	7.022	6.184	168.5E6	922.2E6	44.486	45.476
18)	B Endrin al...	6.916	6.259	154.1E6	771.1E6	50.279	50.364
19)	B Endosulfa...	7.151	6.482	192.6E6	981.9E6	50.194	50.043
20)	A Methoxychlor	7.494	6.754	102.4E6	563.5E6	50.696	52.335
21)	B Endrin ke...	7.632	6.991	204.4E6	1075.9E6	50.188	49.805
22)	Mirex	8.115	7.185	144.8E6	794.7E6	47.639	47.646

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070425\
Data File : PD089338.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 16:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

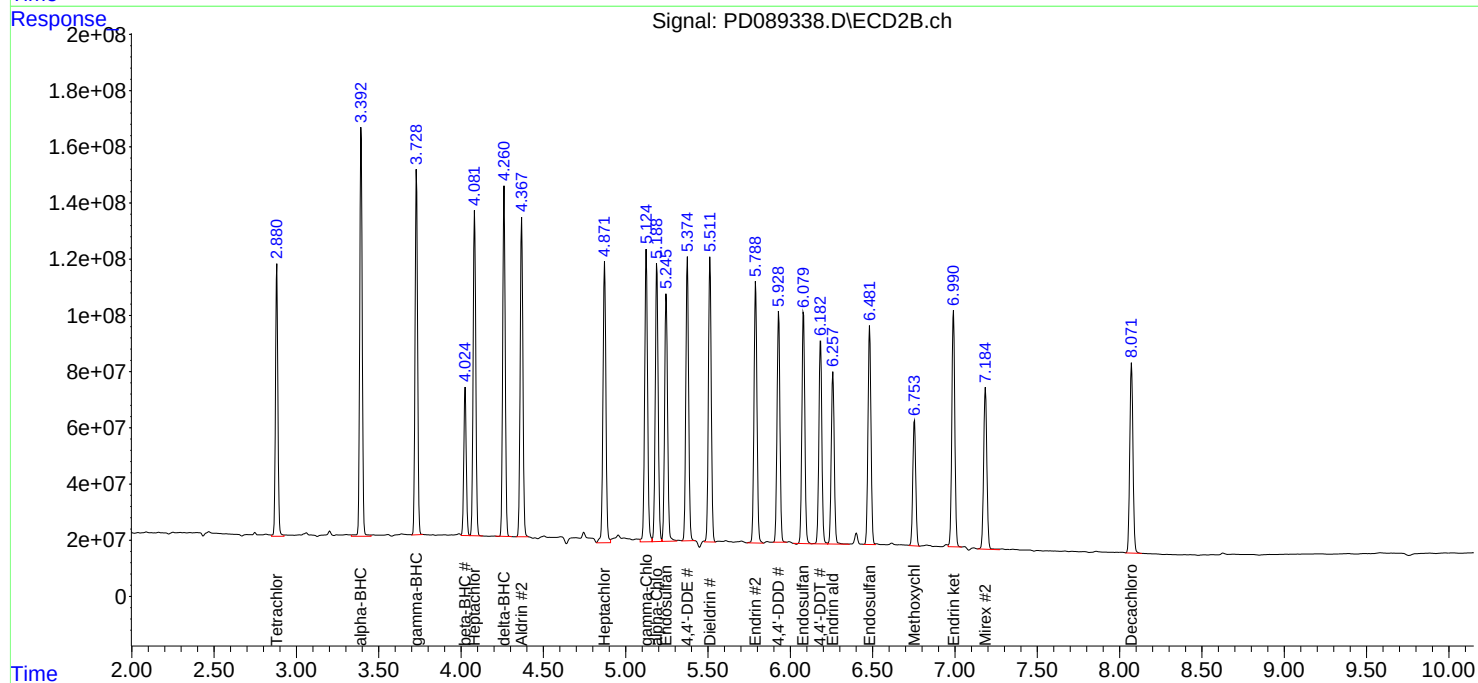
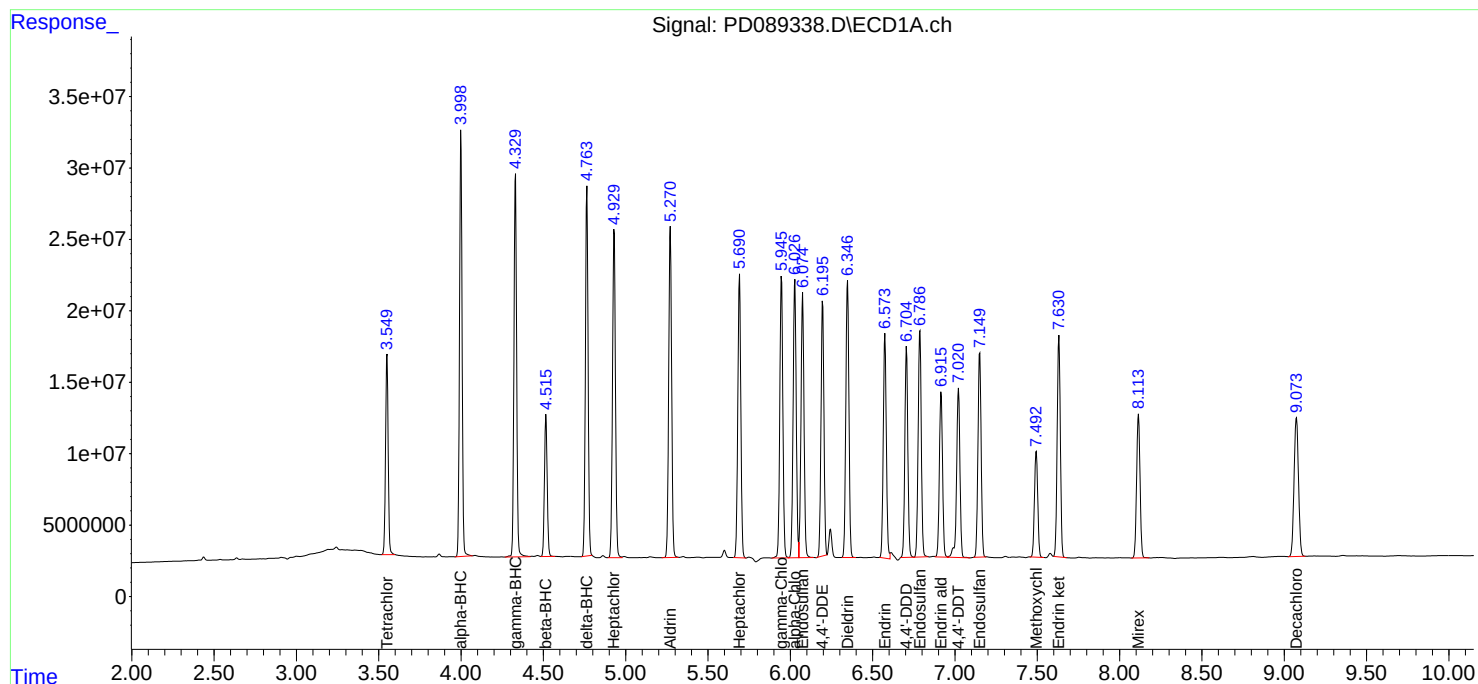
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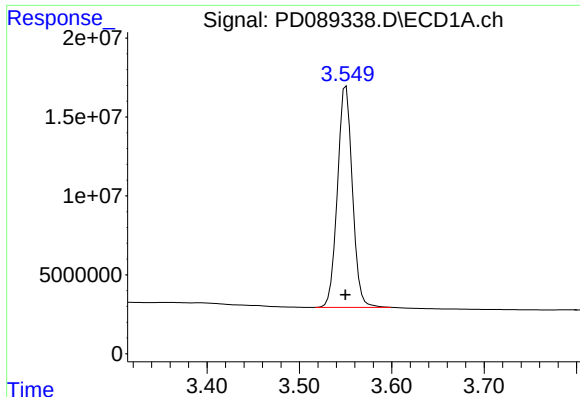
Reviewed By :Abdul Mirza 07/07/2025

Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 04 02:19:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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





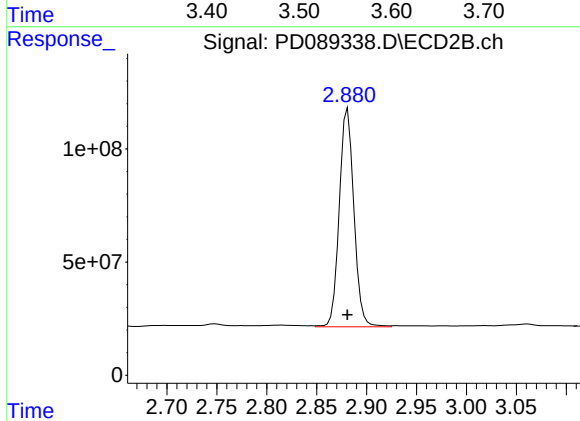
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 157624839
Conc: 55.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

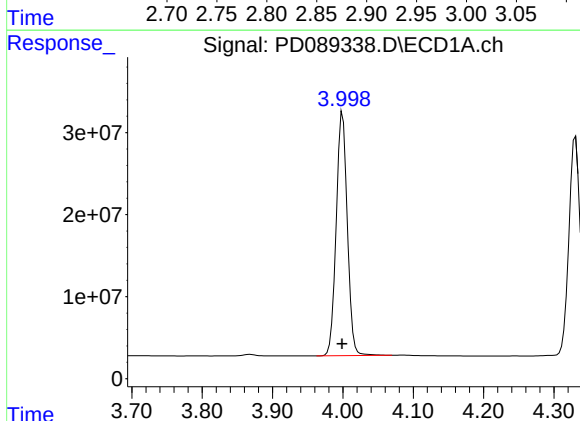
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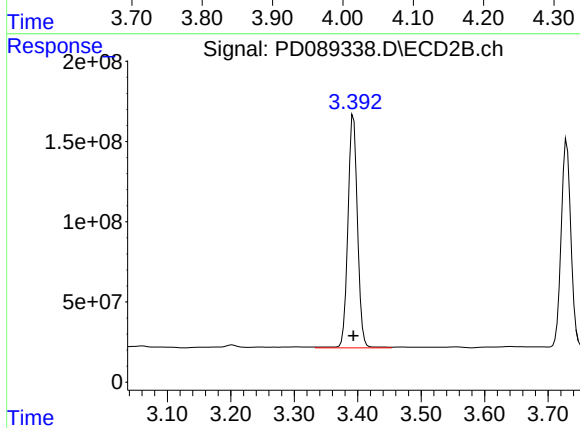
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 982005899
Conc: 57.92 ng/ml



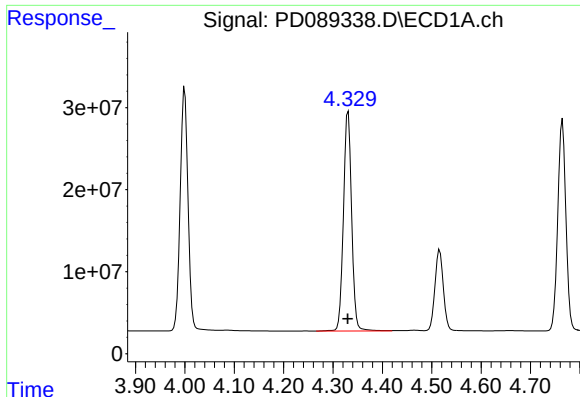
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 325868604
Conc: 55.90 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1520207226
Conc: 56.73 ng/ml



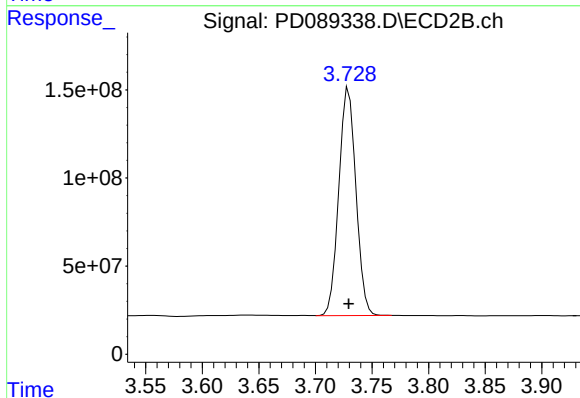
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 309169428
Conc: 55.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

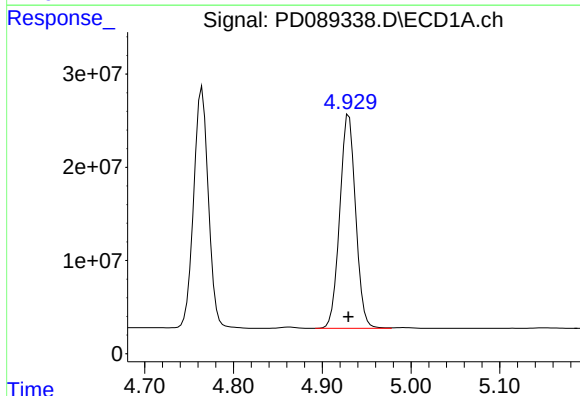
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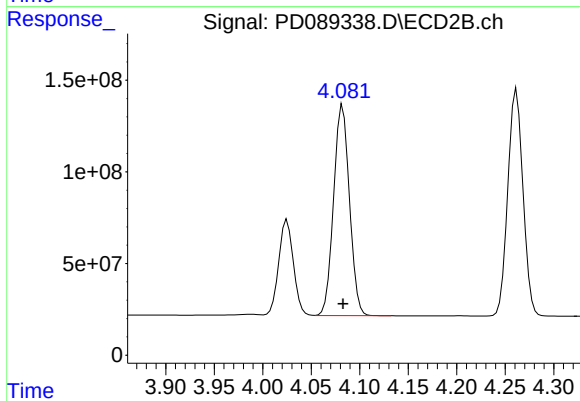
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.001 min
Response: 1362068416
Conc: 55.02 ng/ml m



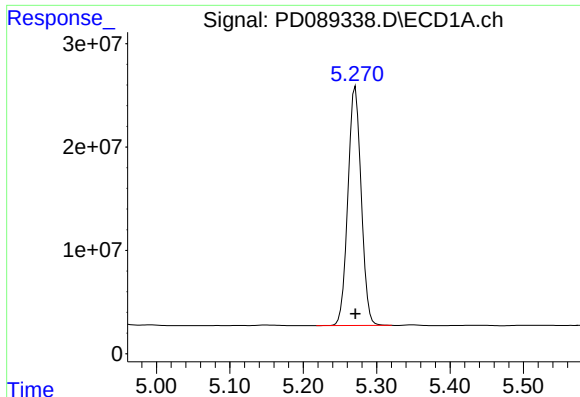
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 285577878
Conc: 52.38 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 1304754750
Conc: 52.11 ng/ml



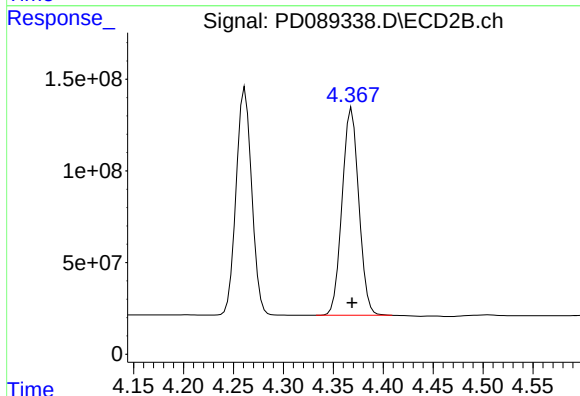
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 290848274
Conc: 54.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

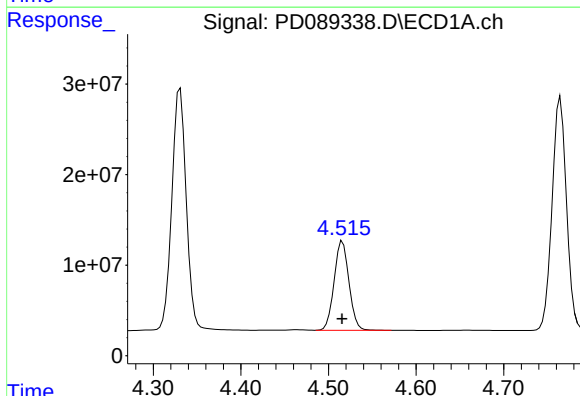
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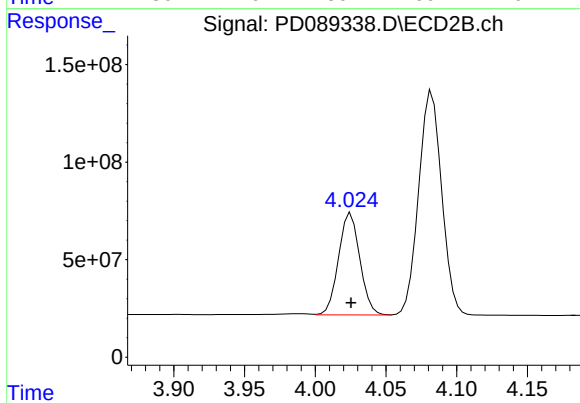
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 1318275614
Conc: 54.44 ng/ml



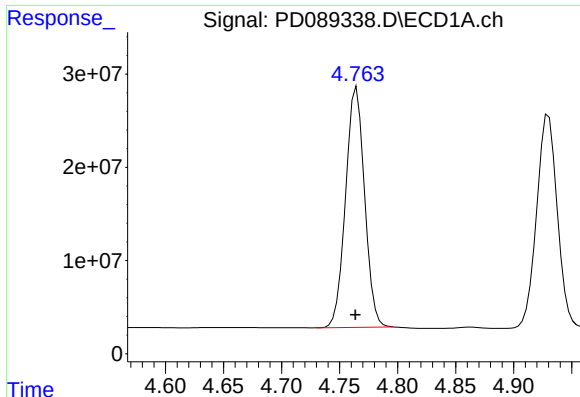
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 116449018
Conc: 52.76 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 550353744
Conc: 51.21 ng/ml



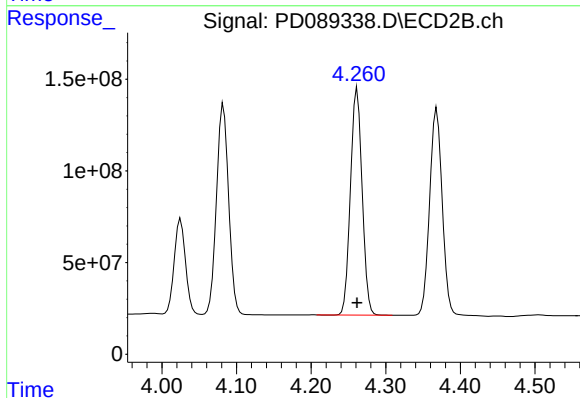
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.001 min
Response: 293290424
Conc: 57.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

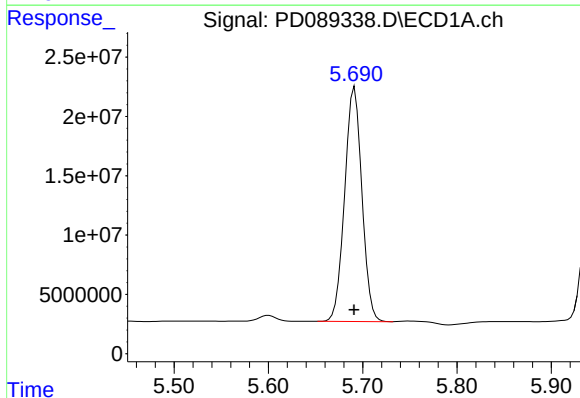
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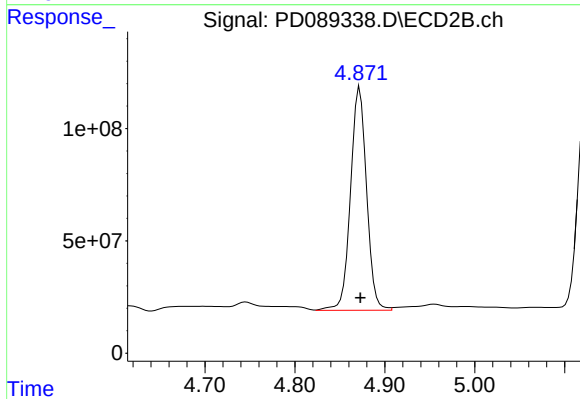
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 1343720881
Conc: 54.02 ng/ml



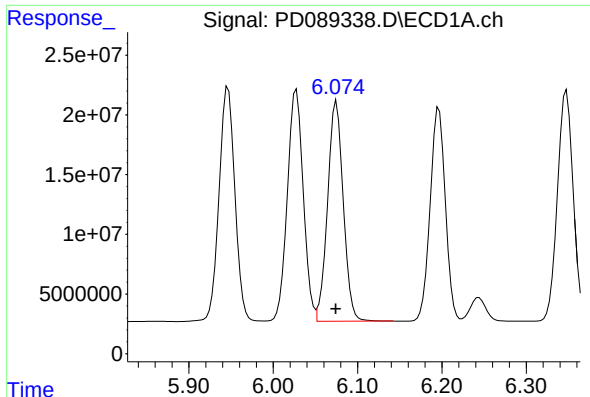
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 251712790
Conc: 52.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 1232328817
Conc: 56.28 ng/ml



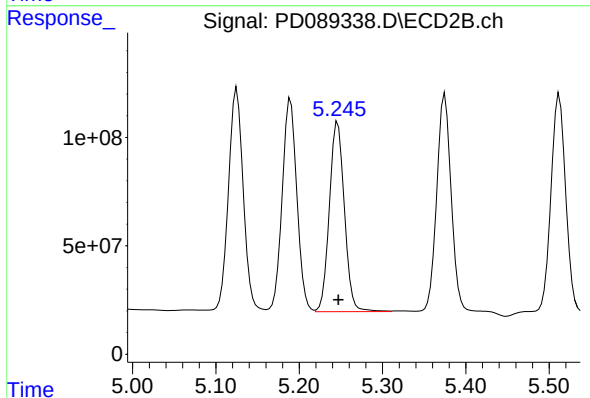
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 238414317
Conc: 52.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

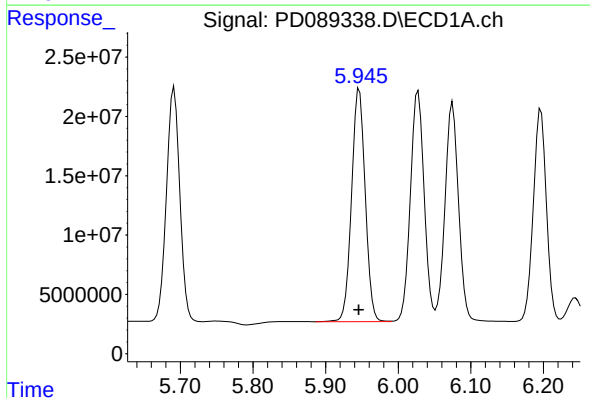
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Reviewed By :Abdul Mirza 07/07/2025
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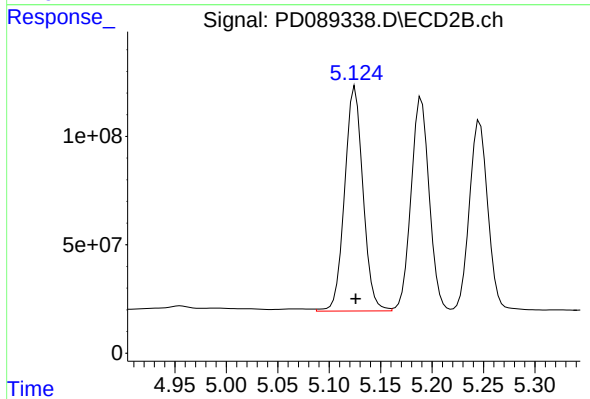
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 1101610429
Conc: 52.85 ng/ml



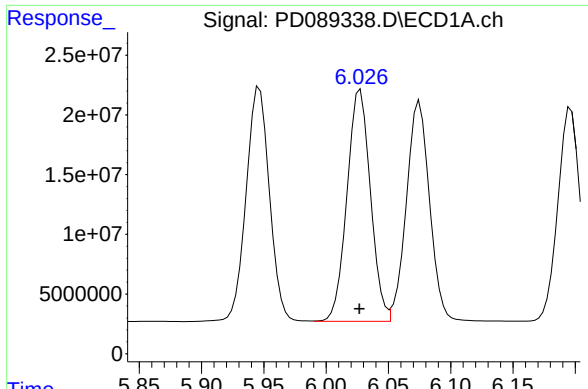
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.001 min
Response: 256641399
Conc: 53.60 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 1287603458
Conc: 53.82 ng/ml



#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 255498937
Conc: 52.80 ng/ml

Instrument :

ECD_D

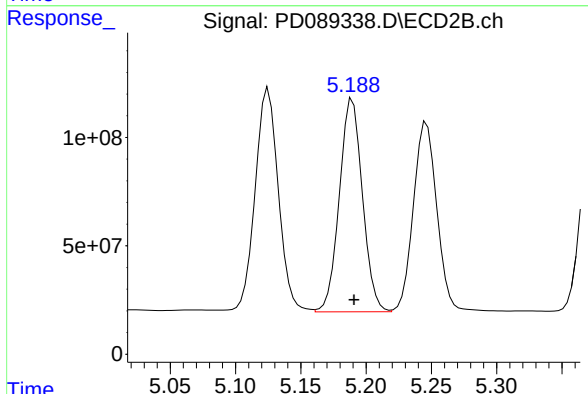
ClientSampleId :

PSTDCCC050

Manual Integrations

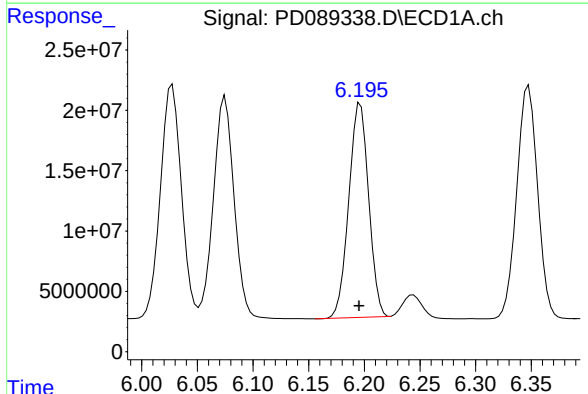
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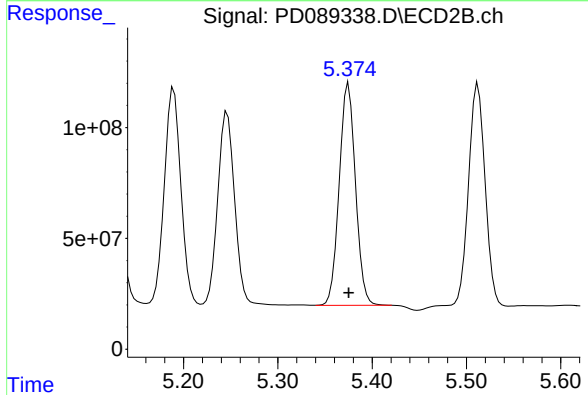
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.001 min
Response: 1212179970
Conc: 52.94 ng/ml



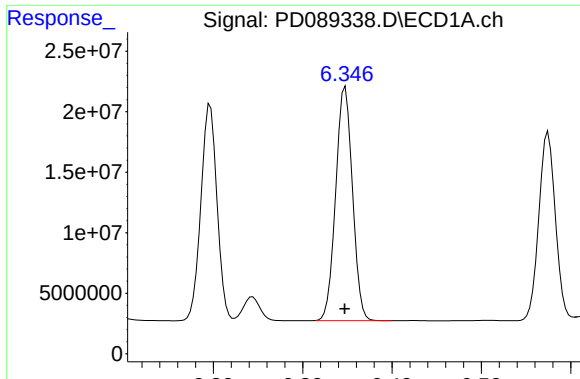
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.001 min
Response: 220509014
Conc: 50.56 ng/ml



#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 1201686376
Conc: 52.44 ng/ml



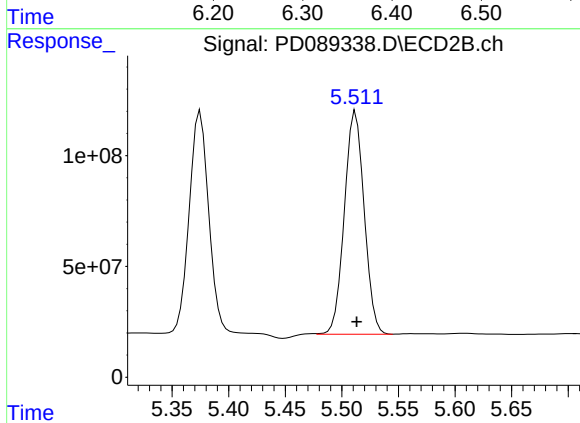
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 252028147
Conc: 52.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

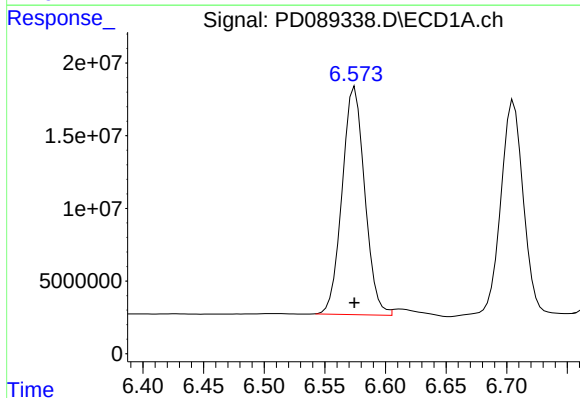
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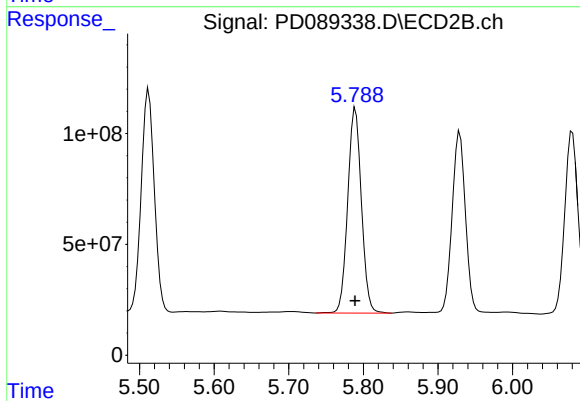
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 1227713820
Conc: 52.90 ng/ml m



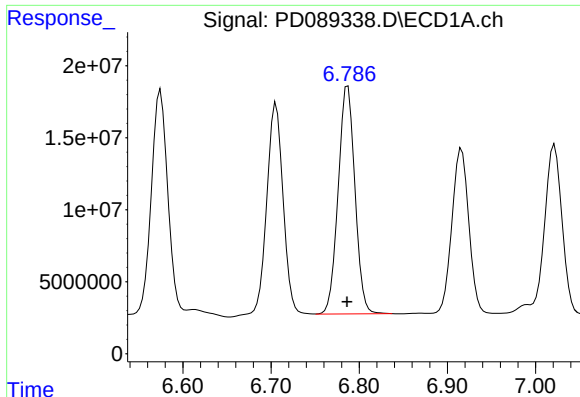
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 203263093
Conc: 49.27 ng/ml



#14 Endrin

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 1175515525
Conc: 54.14 ng/ml



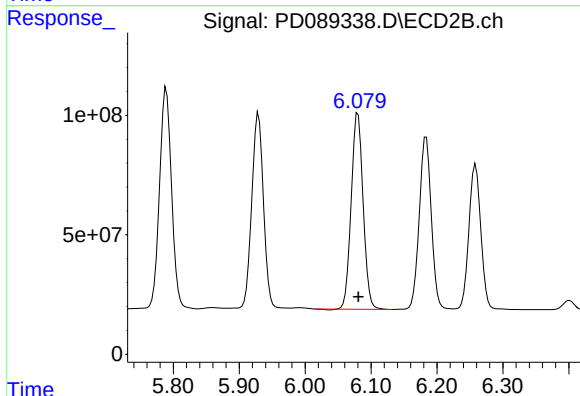
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 208931410
Conc: 51.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

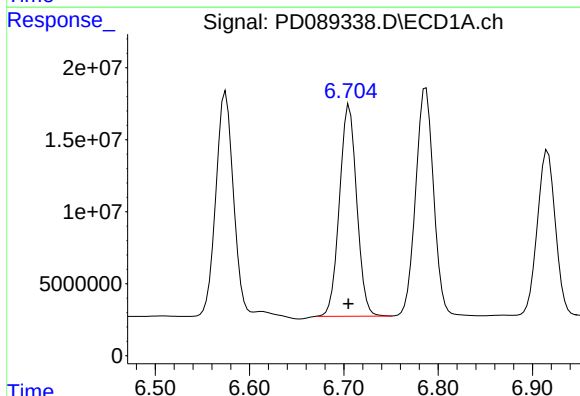
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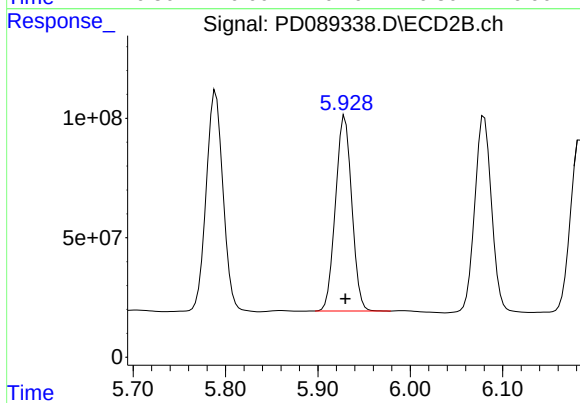
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 1033024394
Conc: 51.15 ng/ml



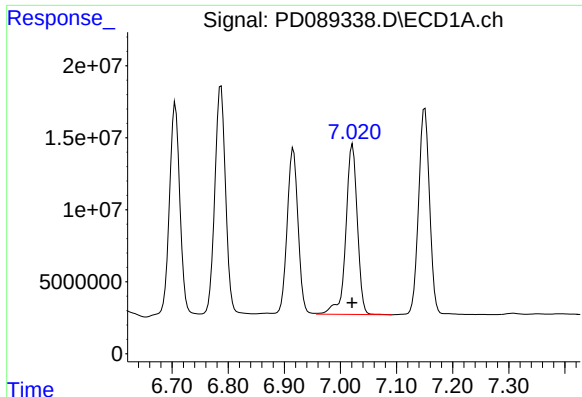
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.001 min
Response: 187291695
Conc: 54.57 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 1001453414
Conc: 52.35 ng/ml



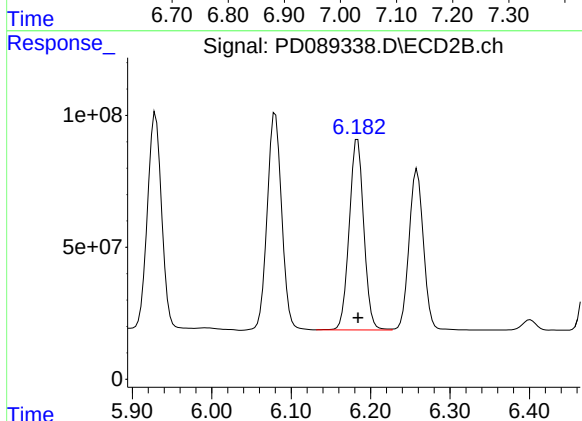
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.001 min
Response: 168523654
Conc: 44.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

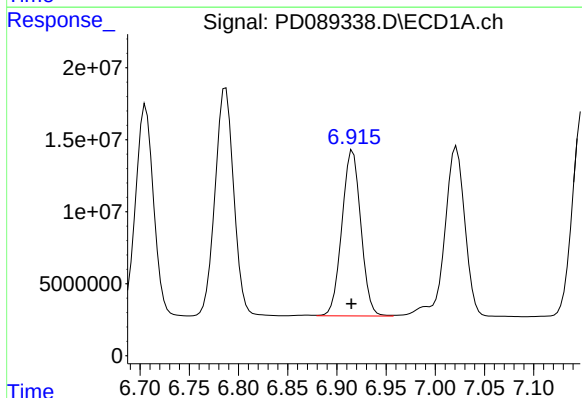
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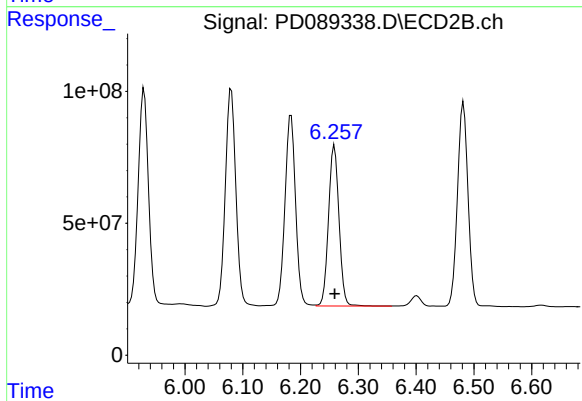
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 922230394
Conc: 45.48 ng/ml



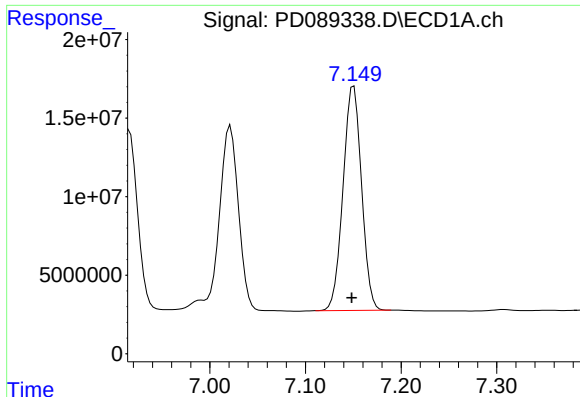
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.001 min
Response: 154053370
Conc: 50.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 771138709
Conc: 50.36 ng/ml



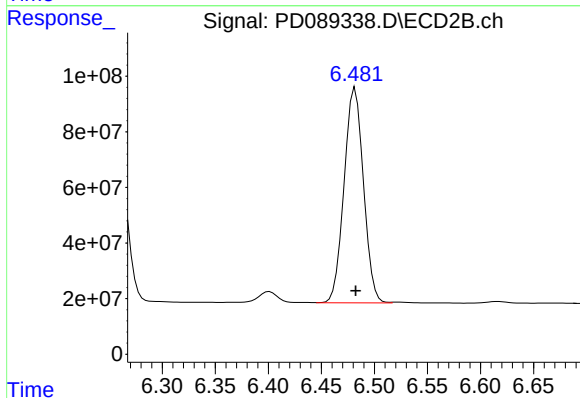
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.002 min
Response: 192605345
Conc: 50.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

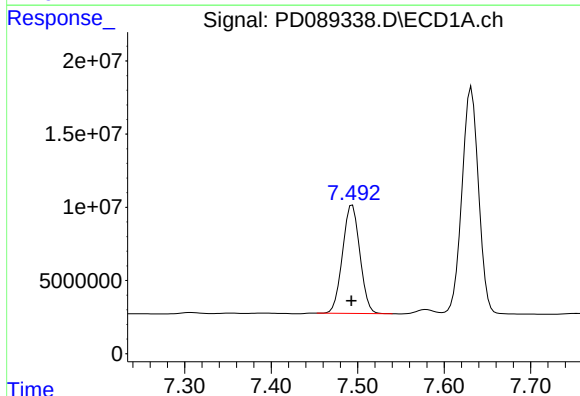
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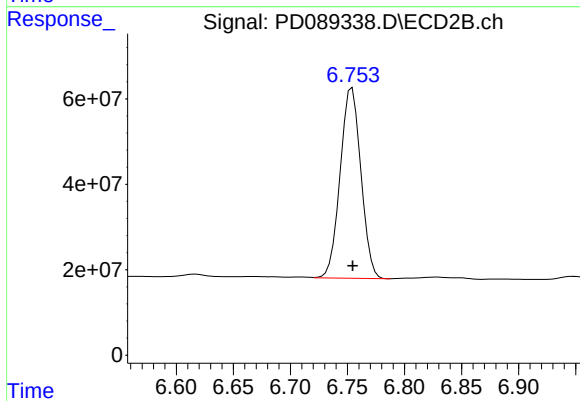
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 981888749
Conc: 50.04 ng/ml



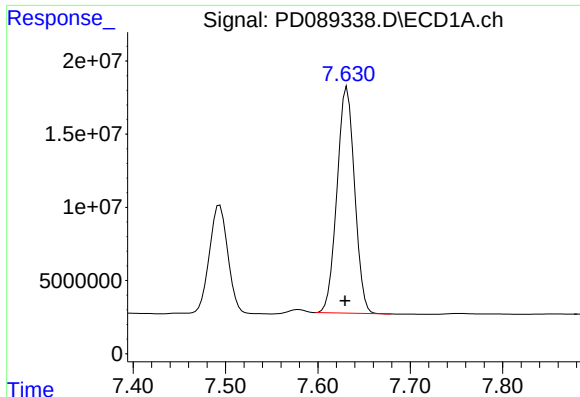
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.001 min
Response: 102437053
Conc: 50.70 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 563543948
Conc: 52.33 ng/ml



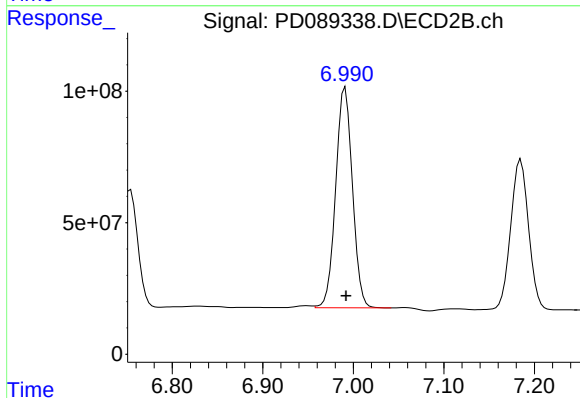
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.002 min
Response: 204418444
Conc: 50.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

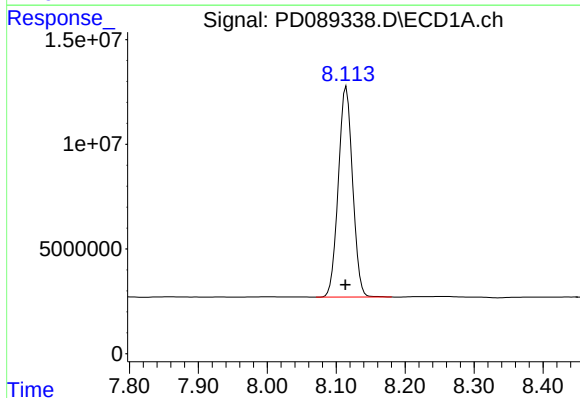
Manual Integrations
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Reviewed By :Abdul Mirza 07/07/2025
Supervised By :mohammad ahmed 07/09/2025



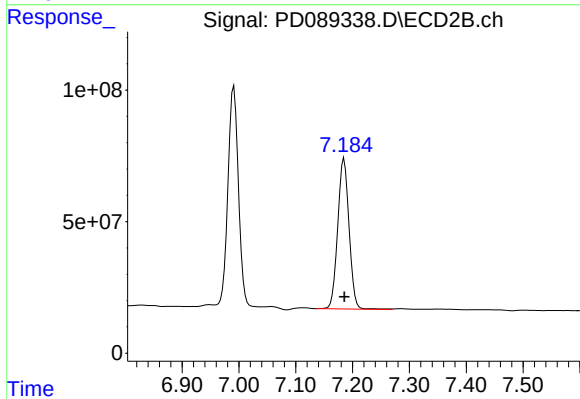
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 1075874224
Conc: 49.80 ng/ml



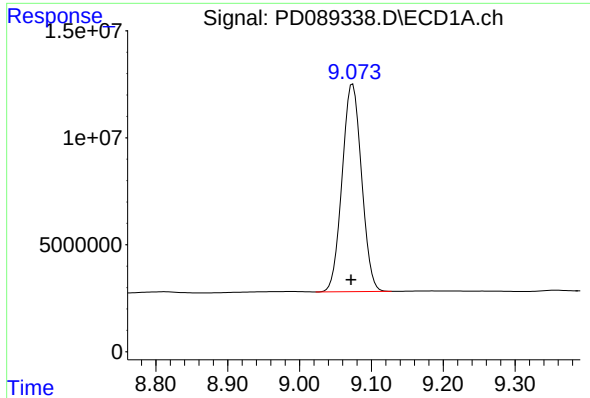
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.001 min
Response: 144829332
Conc: 47.64 ng/ml



#22 Mirex

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 794653000
Conc: 47.65 ng/ml



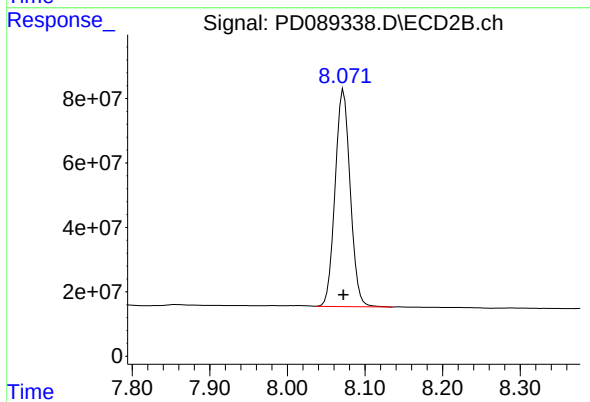
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.002 min
Response: 181965234
Conc: 46.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 912671775
Conc: 46.16 ng/ml