

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
 Data File : PD091071.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2025 16:25
 Operator : AR\AJ
 Sample : PB170476BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170476BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/12/2025
 Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 05:04:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.873	65451388	679.4E6	21.017	22.816
28)	SA Decachlor...	9.067	8.061	96445718	700.2E6	20.617	23.116
Target Compounds							
2)	A alpha-BHC	3.993	3.385	342.4E6	2592.4E6	47.702	50.736
3)	MA gamma-BHC...	4.324	3.721	319.8E6	2385.4E6	47.041	50.486
4)	MA Heptachlor	4.923	4.073	318.6E6	2332.9E6	56.996	52.304
5)	MB Aldrin	5.264	4.359	305.2E6	2343.1E6	46.621	50.587
6)	B beta-BHC	4.512	4.018	120.1E6	965.9E6	45.861	48.709
7)	B delta-BHC	4.760	4.254	330.7E6	2391.3E6	48.912	50.114
8)	B Heptachlo...	5.684	4.863	294.2E6	2066.5E6	50.823	48.465
9)	A Endosulfan I	6.069	5.236	256.3E6	1579.5E6	46.291	40.100
10)	B gamma-Chl...	5.940	5.115	269.8E6	2211.9E6	45.482	49.209
11)	B alpha-Chl...	6.021	5.180	286.2E6	2109.8E6	46.308	48.907
12)	B 4,4'-DDE	6.190	5.363	237.2E6	2164.0E6	44.532	49.362m
13)	MA Dieldrin	6.341	5.502	271.1E6	2205.5E6	46.493	49.915
14)	MA Endrin	6.567	5.780	223.3E6	2311.1E6	45.073m	57.072 #
15)	B Endosulfa...	6.780	6.071	233.8E6	1850.2E6	46.756m	49.267
16)	A 4,4'-DDD	6.699	5.919	197.9E6	1857.0E6	48.819m	50.962
17)	MA 4,4'-DDT	7.015	6.173	185.0E6	1787.5E6	45.012m	50.965
18)	B Endrin al...	6.909	6.249	167.1E6	1380.9E6	45.630m	49.866
19)	B Endosulfa...	7.145	6.473	211.2E6	1759.8E6	45.539	49.094
20)	A Methoxychlor	7.489	6.743	112.6E6	888.9E6	52.981	51.006
21)	B Endrin ke...	7.627	6.980	228.7E6	2387.3E6	47.069	63.295m#
22)	Mirex	8.109	7.174	141.9E6	1230.4E6	44.323	47.893

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
Data File : PD091071.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 16:25
Operator : AR\AJ
Sample : PB170476BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170476BS

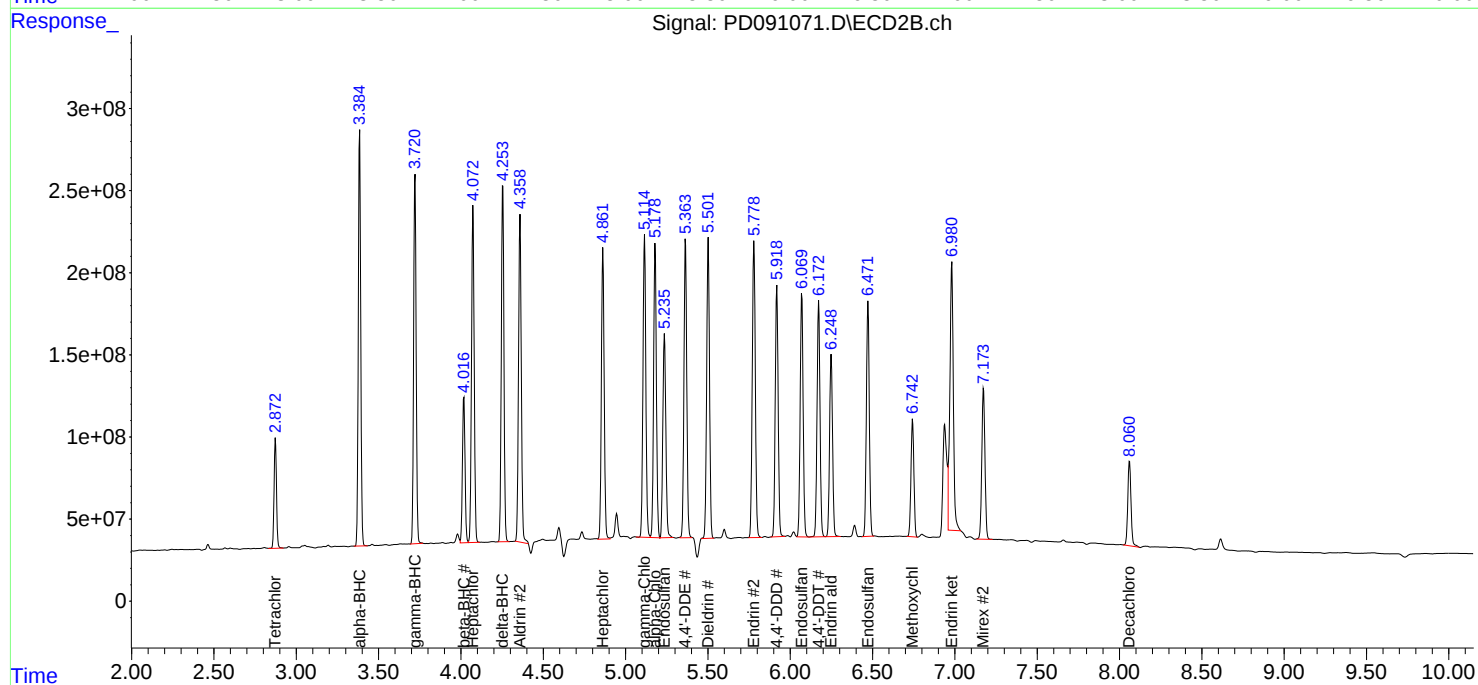
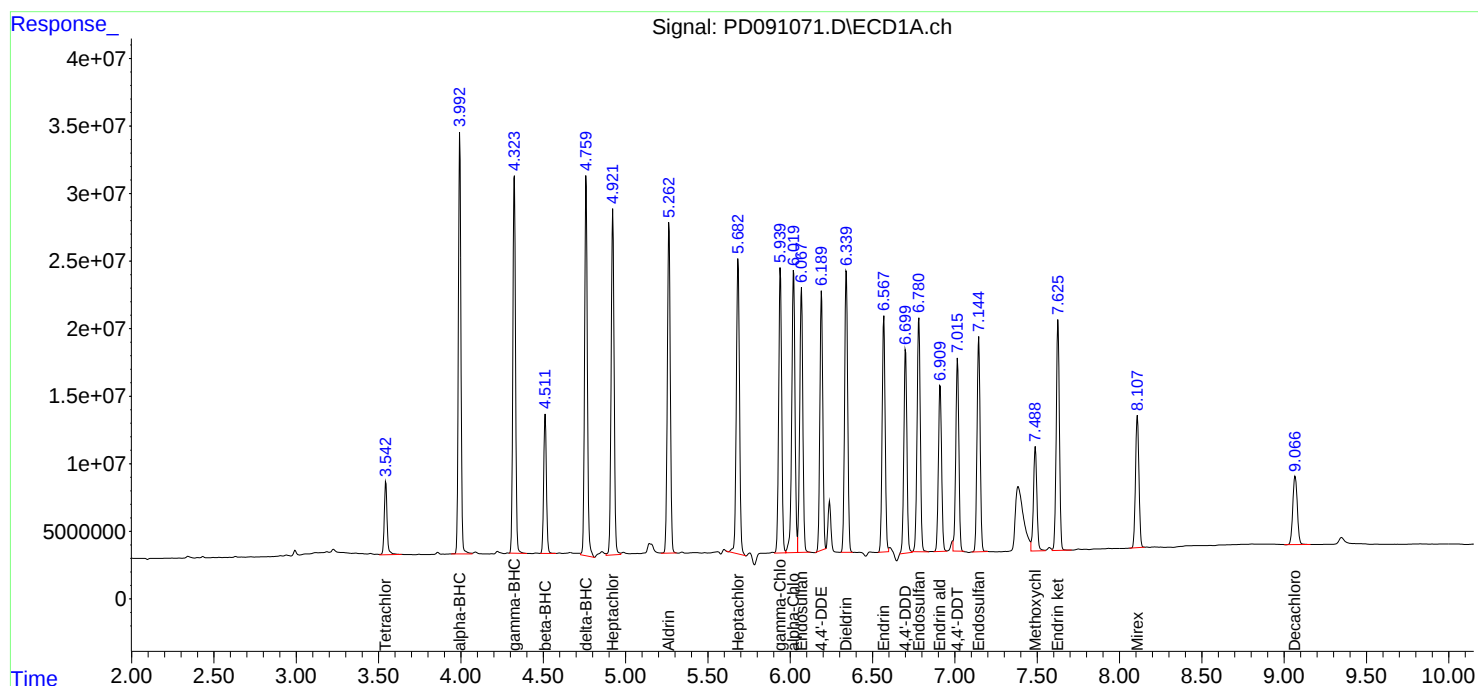
Manual Integrations

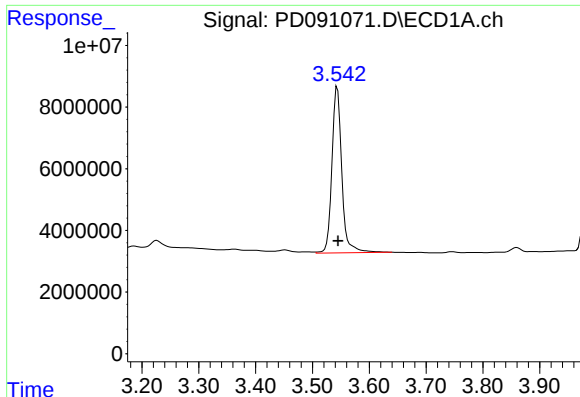
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Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 05:04:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
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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





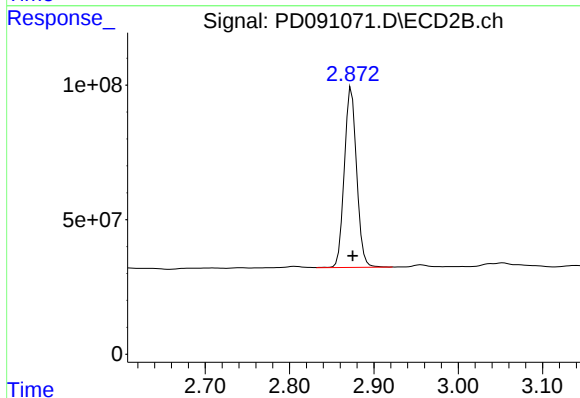
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 65451388
Conc: 21.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170476BS

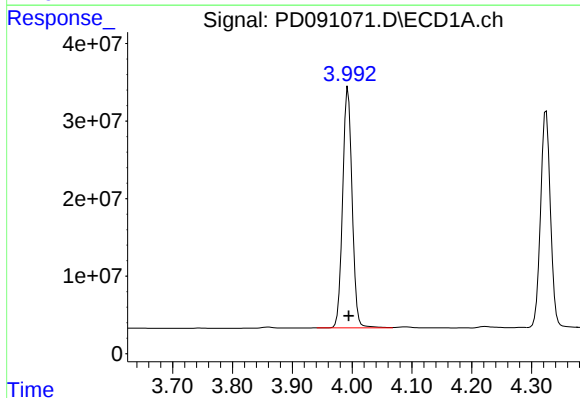
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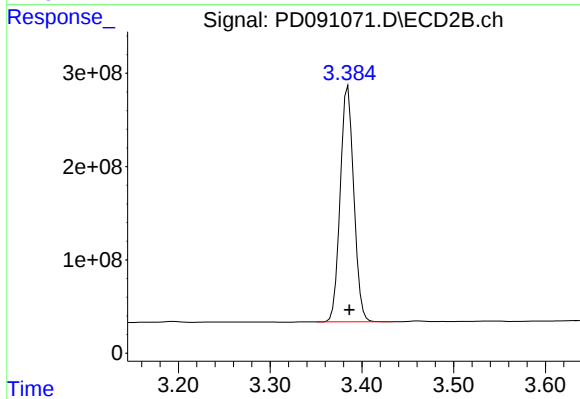
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 679401269
Conc: 22.82 ng/ml



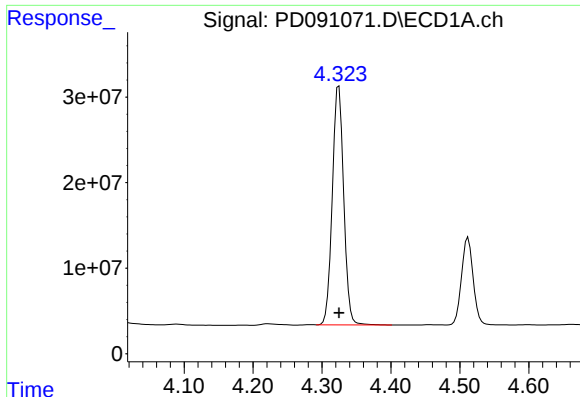
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 342364217
Conc: 47.70 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2592403657
Conc: 50.74 ng/ml



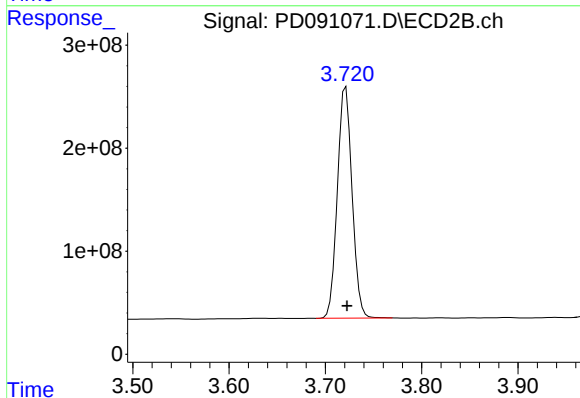
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 319820921
Conc: 47.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170476BS

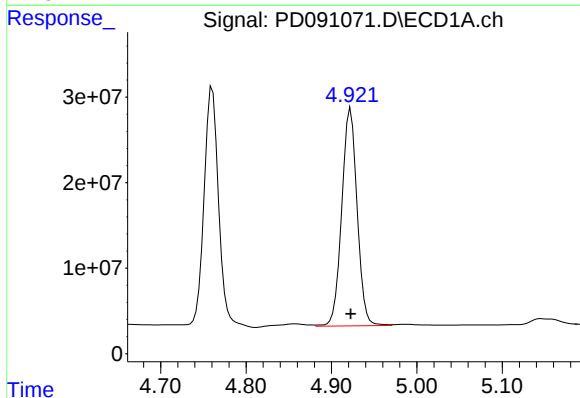
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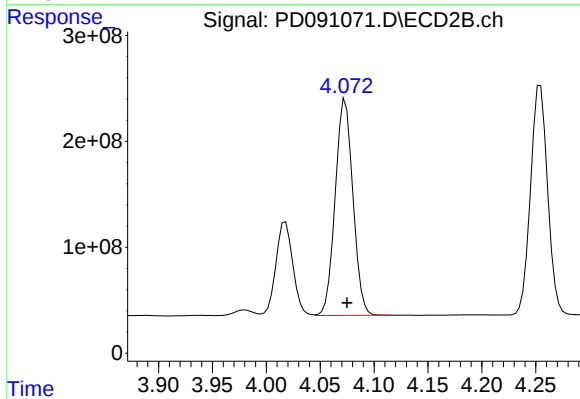
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 2385415194
Conc: 50.49 ng/ml



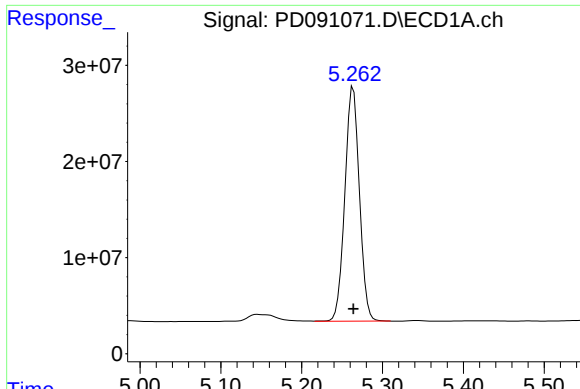
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 318582726
Conc: 57.00 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2332900894
Conc: 52.30 ng/ml



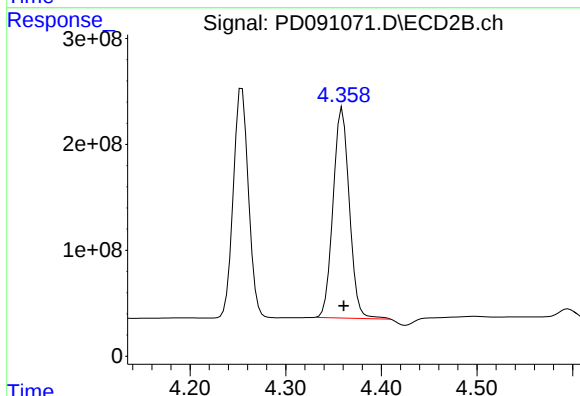
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 305242747
Conc: 46.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170476BS

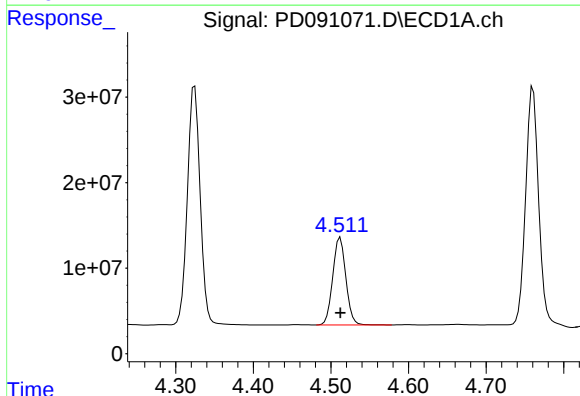
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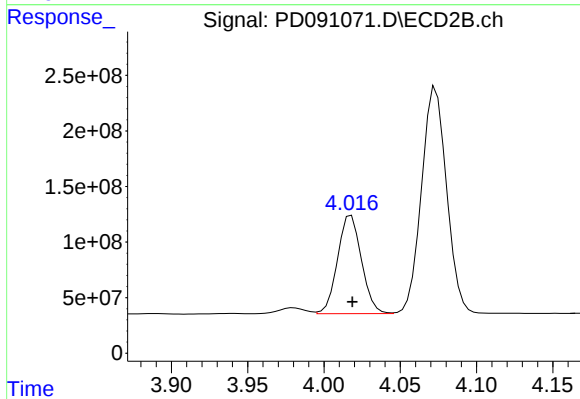
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.001 min
Response: 2343140429
Conc: 50.59 ng/ml



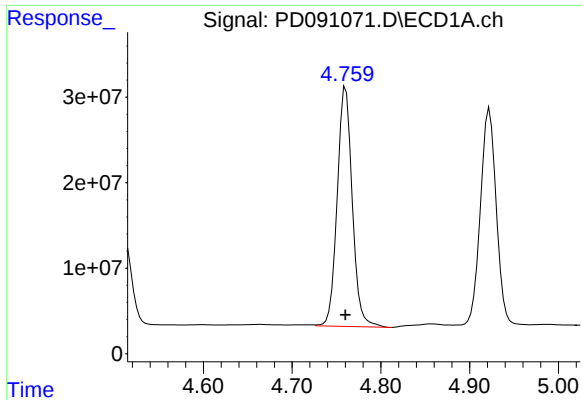
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 120139519
Conc: 45.86 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 965880509
Conc: 48.71 ng/ml



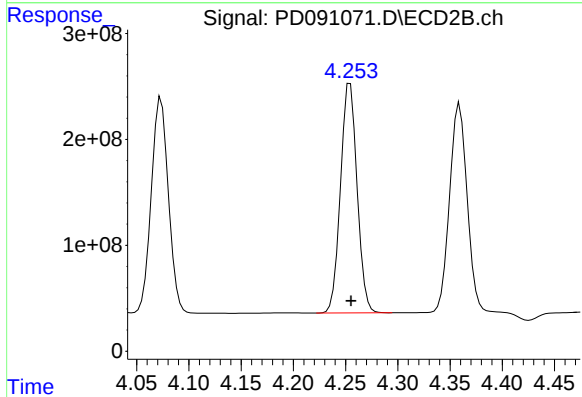
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 330731101
Conc: 48.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170476BS

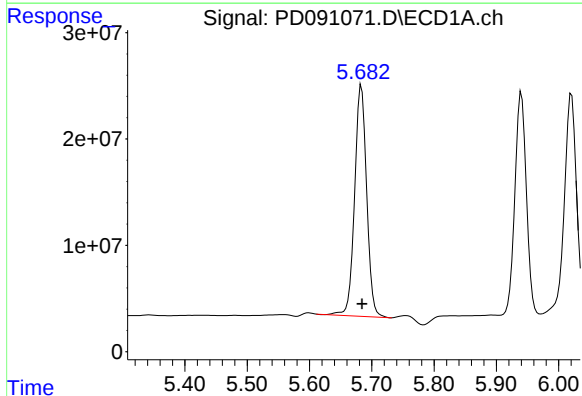
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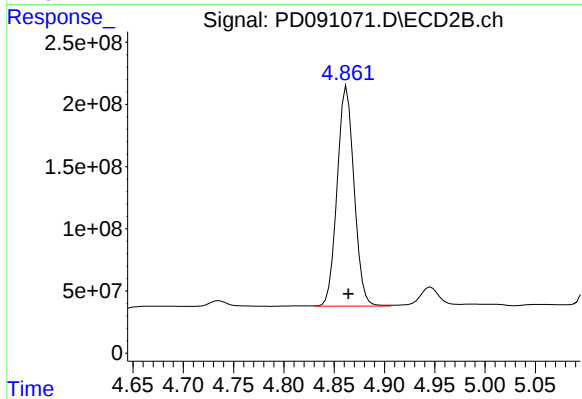
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 2391279248
Conc: 50.11 ng/ml



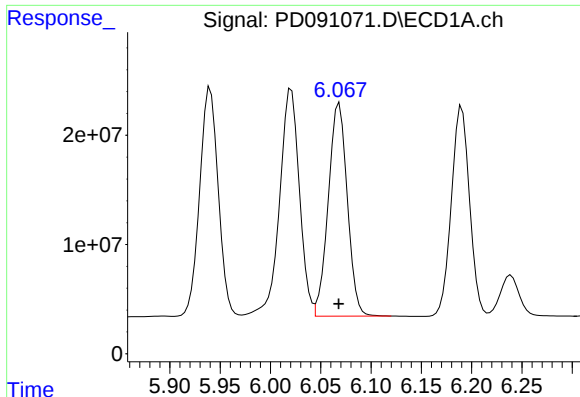
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 294218590
Conc: 50.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.002 min
Response: 2066516068
Conc: 48.47 ng/ml



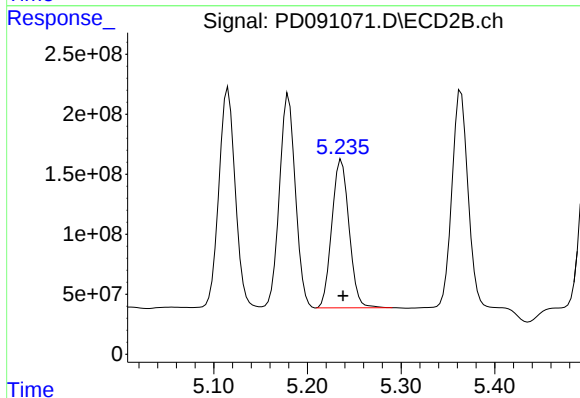
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 256298085
Conc: 46.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170476BS

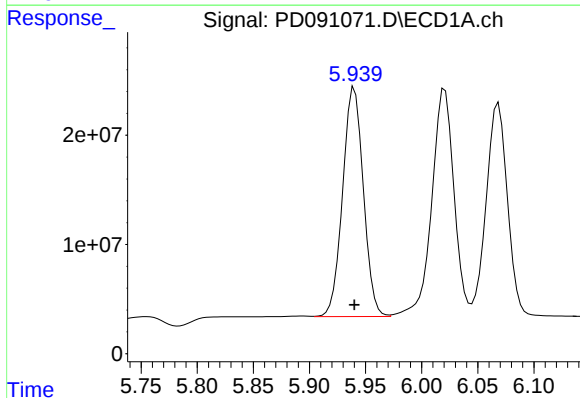
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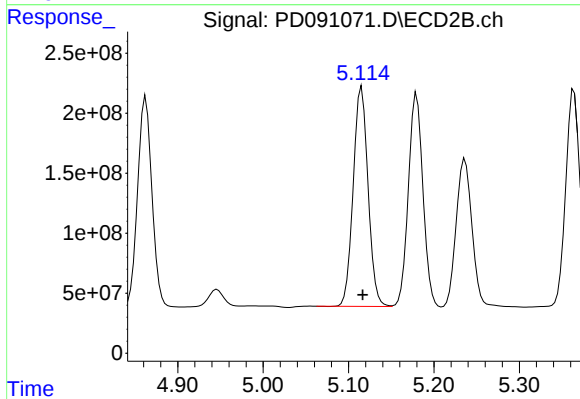
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 1579542993
Conc: 40.10 ng/ml



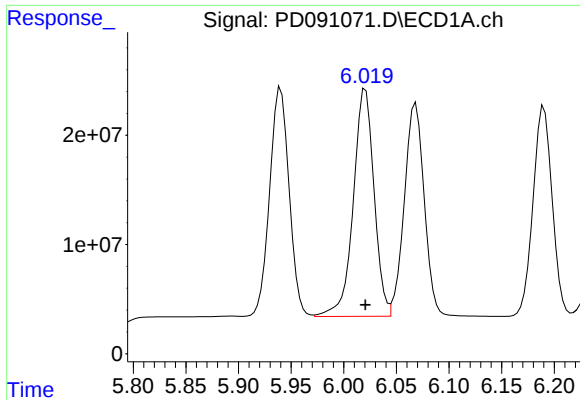
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 269759863
Conc: 45.48 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 2211906226
Conc: 49.21 ng/ml



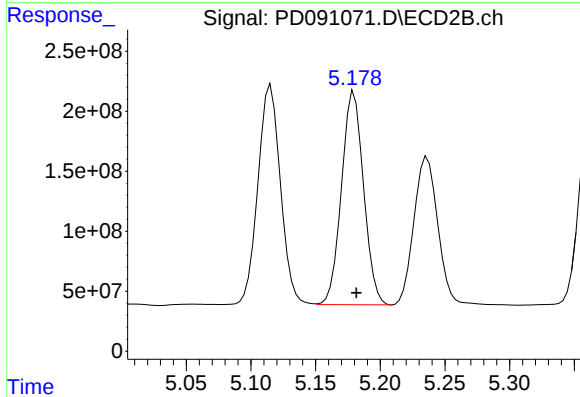
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 286193277
Conc: 46.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170476BS

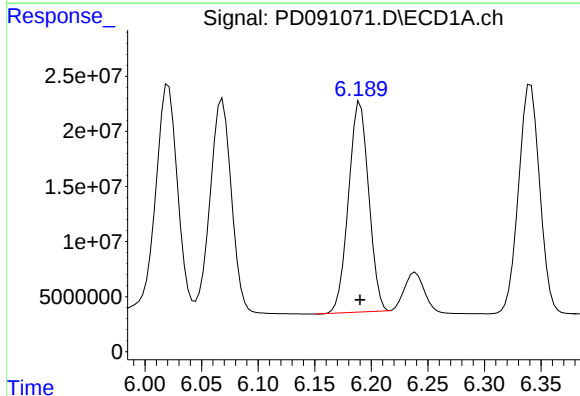
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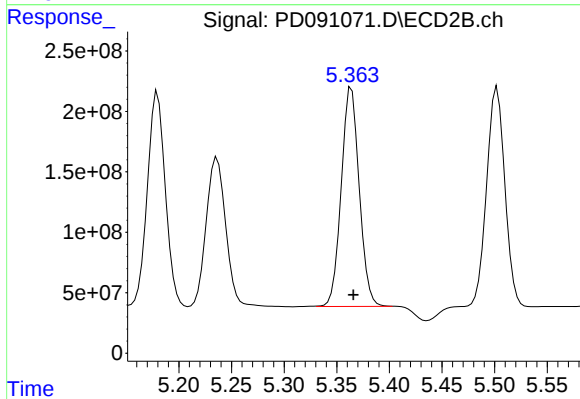
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 2109754925
Conc: 48.91 ng/ml



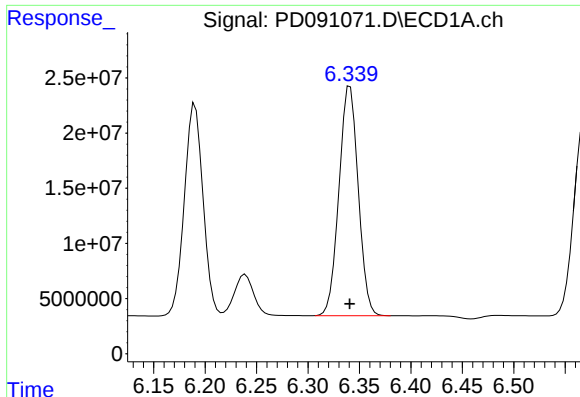
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 237206367
Conc: 44.53 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 2163963332
Conc: 49.36 ng/ml m



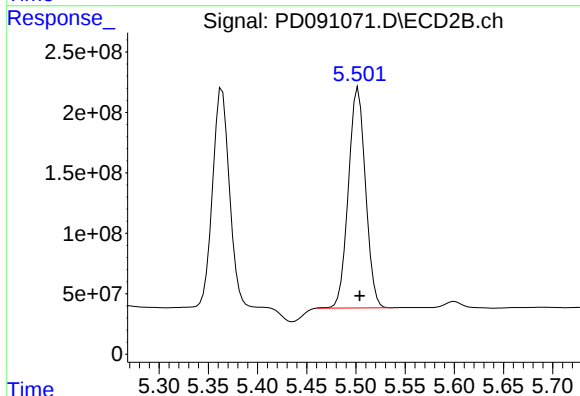
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 271115665
Conc: 46.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170476BS

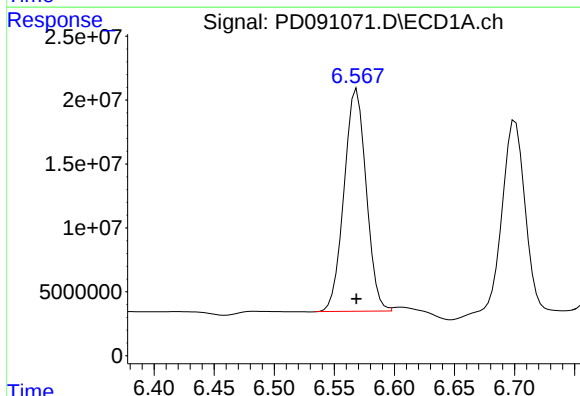
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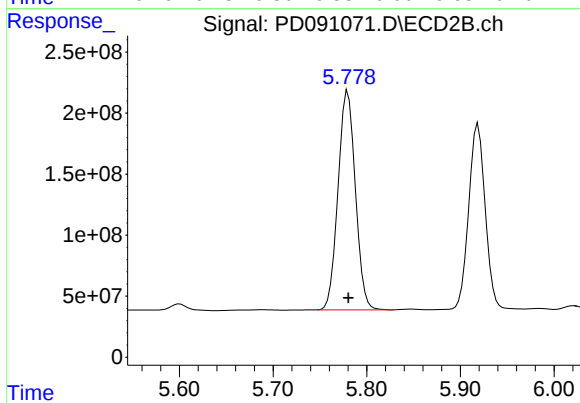
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 2205463831
Conc: 49.92 ng/ml



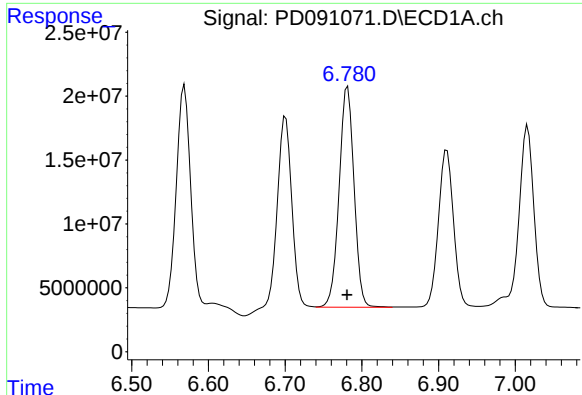
#14 Endrin

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 223279527
Conc: 45.07 ng/ml m



#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 2311088829
Conc: 57.07 ng/ml



#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 233778427
Conc: 46.76 ng/ml

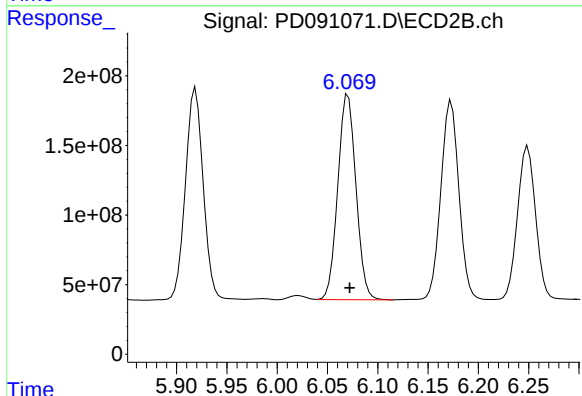
Instrument :

ECD_D

ClientSampleId :
PB170476BS

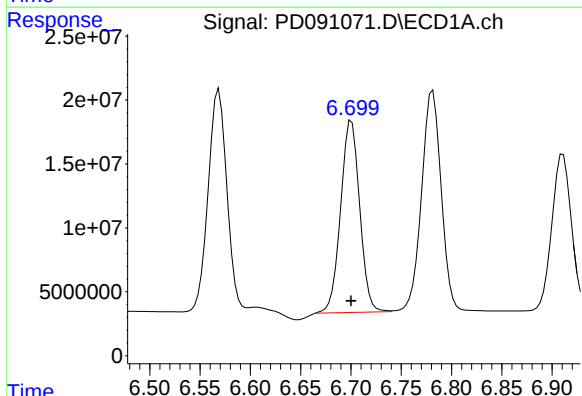
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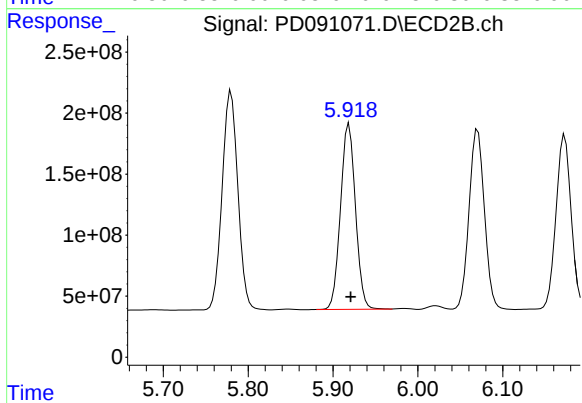
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 1850226920
Conc: 49.27 ng/ml



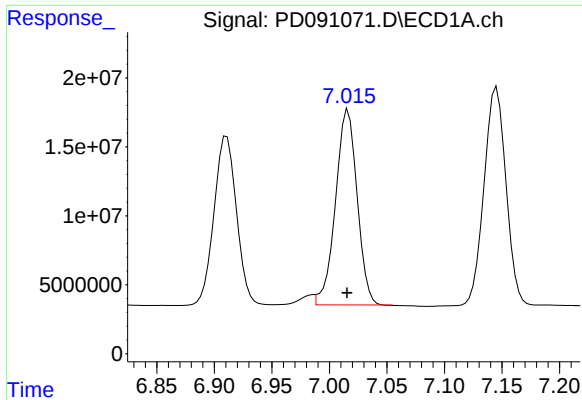
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 197923939
Conc: 48.82 ng/ml m



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1856954462
Conc: 50.96 ng/ml



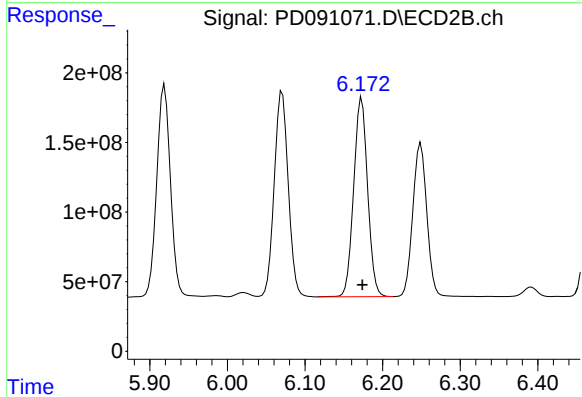
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 185020430
Conc: 45.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170476BS

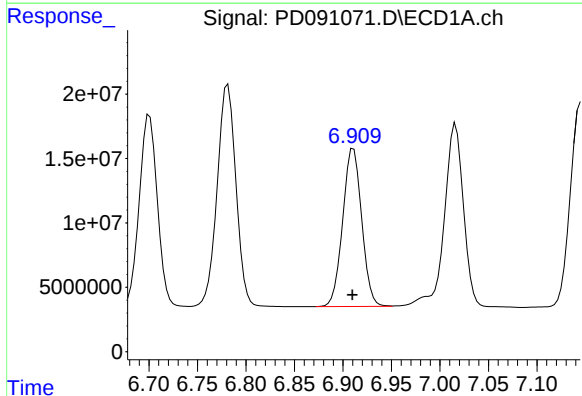
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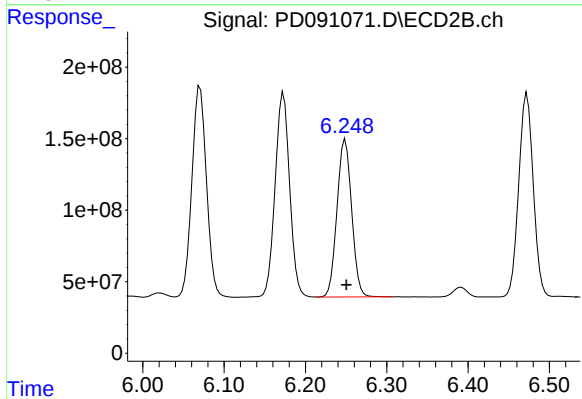
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 1787513398
Conc: 50.97 ng/ml



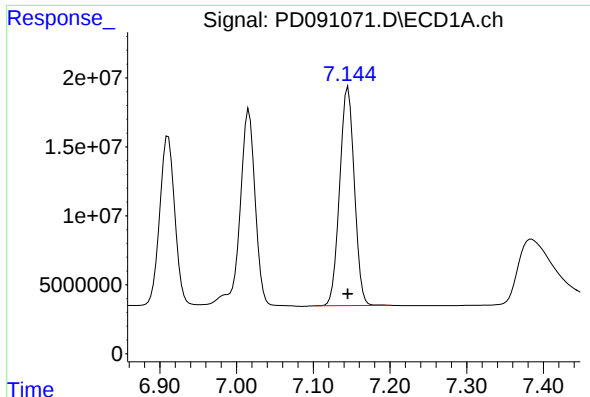
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 167128721
Conc: 45.63 ng/ml m



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 1380921538
Conc: 49.87 ng/ml



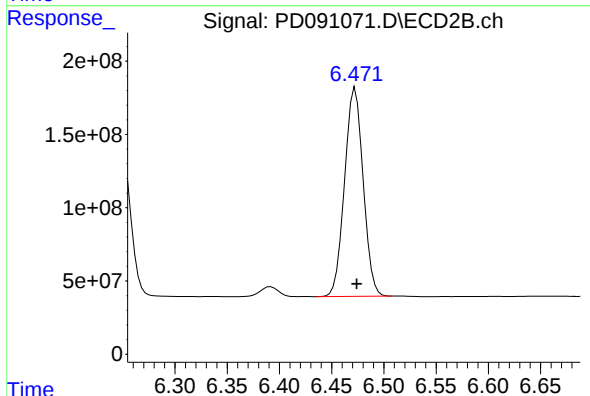
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 211218082
Conc: 45.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170476BS

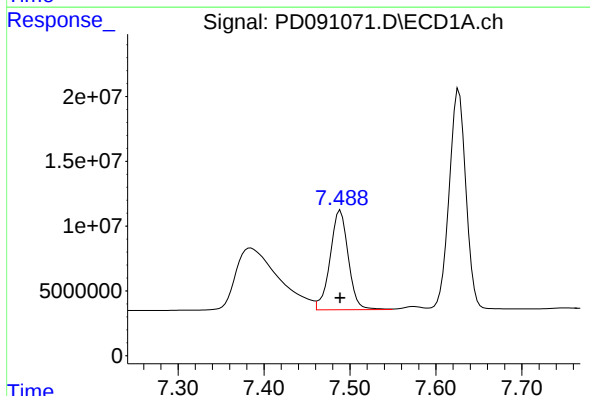
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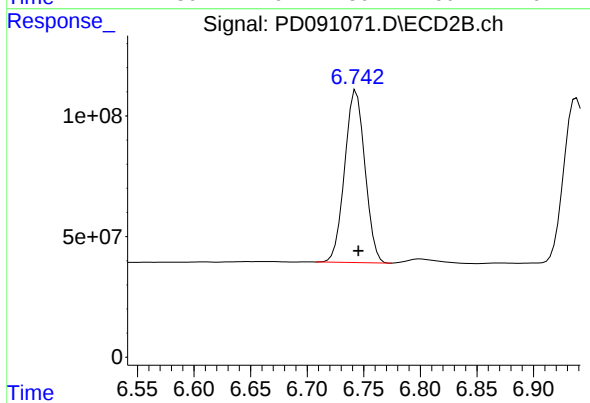
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: -0.001 min
Response: 1759786682
Conc: 49.09 ng/ml



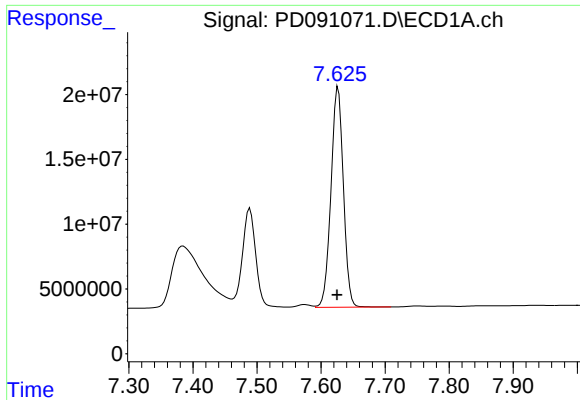
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 112615234
Conc: 52.98 ng/ml



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 888916139
Conc: 51.01 ng/ml



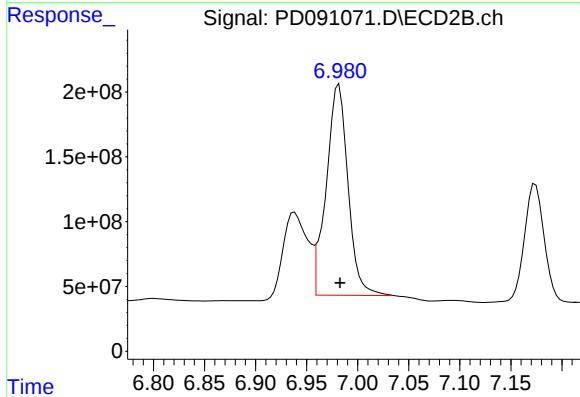
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.002 min
Response: 228701899
Conc: 47.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170476BS

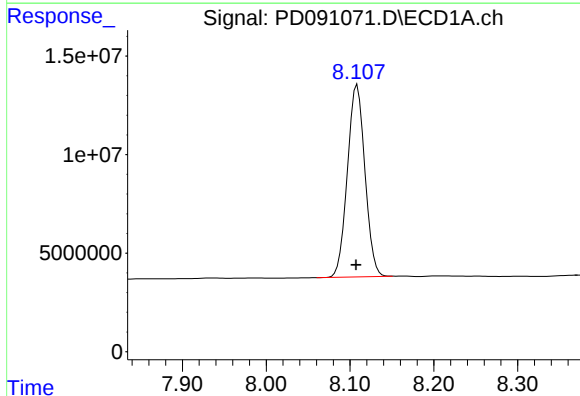
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025



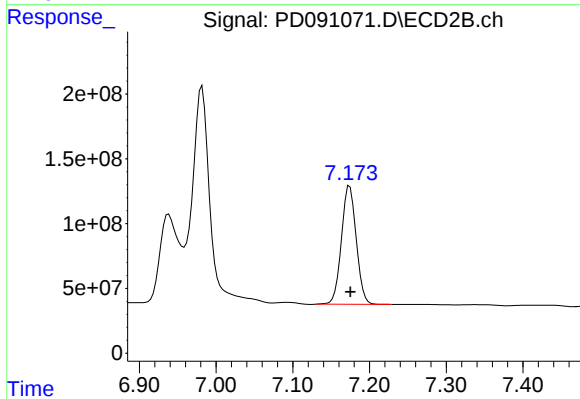
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.002 min
Response: 2387341054
Conc: 63.29 ng/ml m



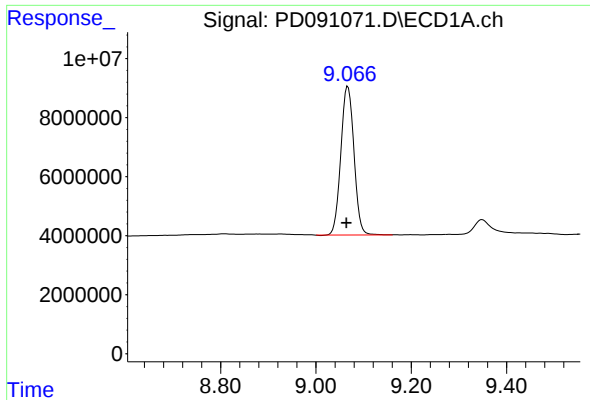
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.001 min
Response: 141872253
Conc: 44.32 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 1230421911
Conc: 47.89 ng/ml



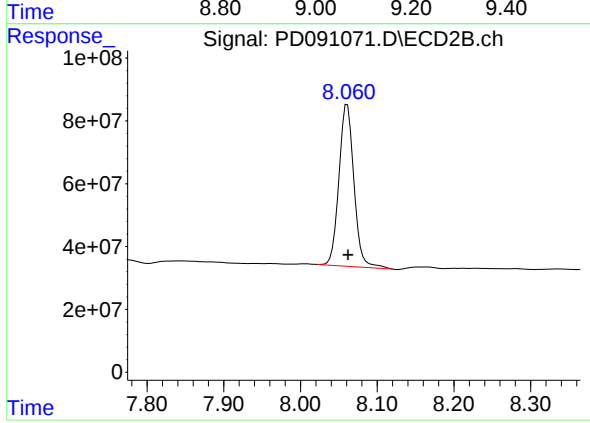
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 96445718
Conc: 20.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170476BS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 700209174
Conc: 23.12 ng/ml