

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
 Data File : PD091017.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2025 10:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 02:41:36 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	2.874	153.1E6	1553.7E6	49.157	52.177
28)	SA Decachlor...	9.063	8.058	218.1E6	1636.9E6	46.614	54.039
Target Compounds							
2)	A alpha-BHC	3.993	3.385	369.2E6	2700.6E6	51.445	52.853
3)	MA gamma-BHC...	4.324	3.721	343.4E6	2478.4E6	50.513	52.453
4)	MA Heptachlor	4.920	4.073	334.4E6	2412.2E6	59.827m	54.081
5)	MB Aldrin	5.263	4.358	328.2E6	2422.6E6	50.122	52.302
6)	B beta-BHC	4.511	4.017	128.8E6	1021.9E6	49.177	51.535
7)	B delta-BHC	4.759	4.253	342.4E6	2494.2E6	50.631	52.270
8)	B Heptachlo...	5.683	4.862	296.0E6	2166.3E6	51.136	50.806
9)	A Endosulfan I	6.066	5.236	276.0E6	1942.9E6	49.852	49.324
10)	B gamma-Chl...	5.938	5.114	292.5E6	2332.3E6	49.308	51.889
11)	B alpha-Chl...	6.019	5.179	302.6E6	2232.5E6	48.969	51.753
12)	B 4,4'-DDE	6.189	5.363	260.1E6	2295.6E6	48.835	52.366
13)	MA Dieldrin	6.339	5.501	294.6E6	2307.7E6	50.514	52.230
14)	MA Endrin	6.567	5.778	244.5E6	2076.0E6	49.358	51.266
15)	B Endosulfa...	6.779	6.069	252.6E6	1981.5E6	50.530	52.762
16)	A 4,4'-DDD	6.698	5.917	216.2E6	1957.7E6	53.316	53.728
17)	MA 4,4'-DDT	7.014	6.171	215.3E6	1892.7E6	52.376	53.964
18)	B Endrin al...	6.908	6.247	186.6E6	1481.3E6	50.953	53.489
19)	B Endosulfa...	7.143	6.471	230.6E6	1890.1E6	49.708	52.730
20)	A Methoxychlor	7.487	6.742	112.2E6	948.6E6	52.781	54.429
21)	B Endrin ke...	7.624	6.979	252.6E6	2179.8E6	51.986	57.793m
22)	Mirex	8.106	7.173	160.5E6	1406.2E6	50.139	54.734

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 10:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

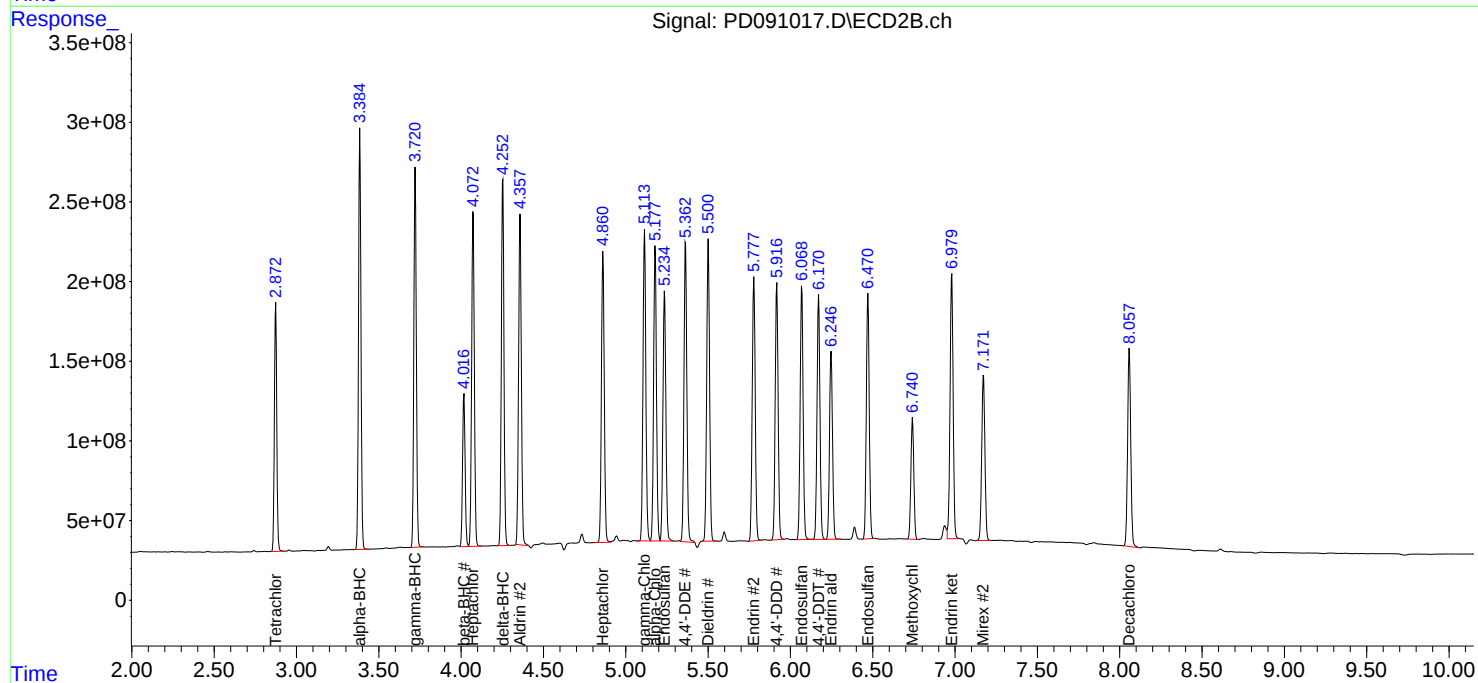
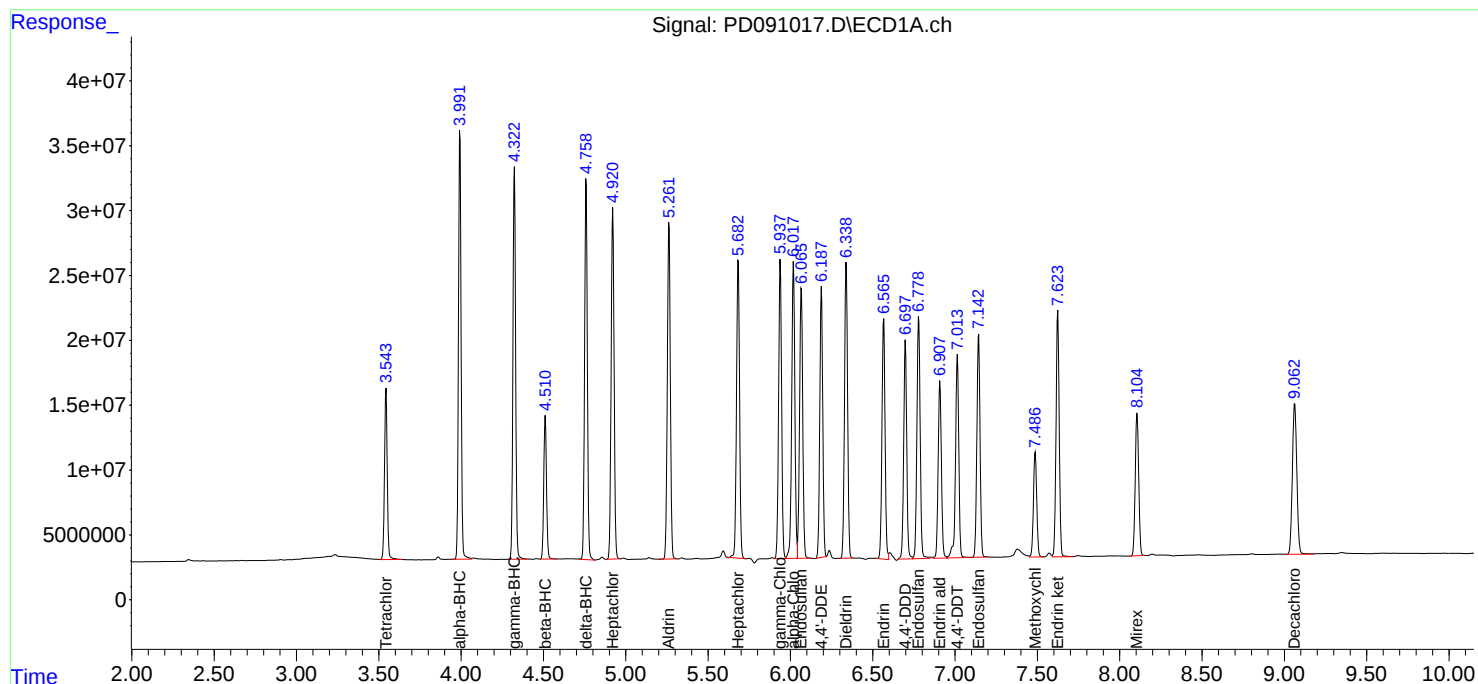
APPROVED

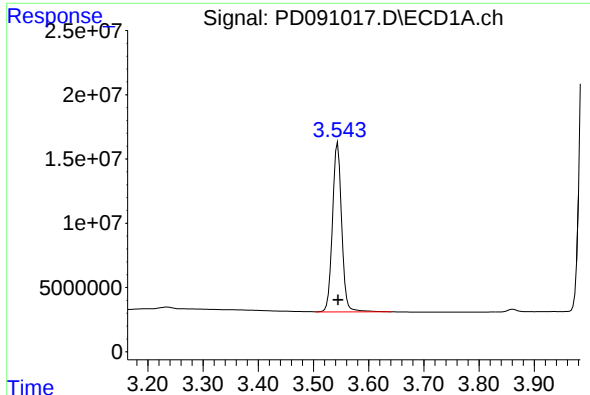
Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:41:36 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





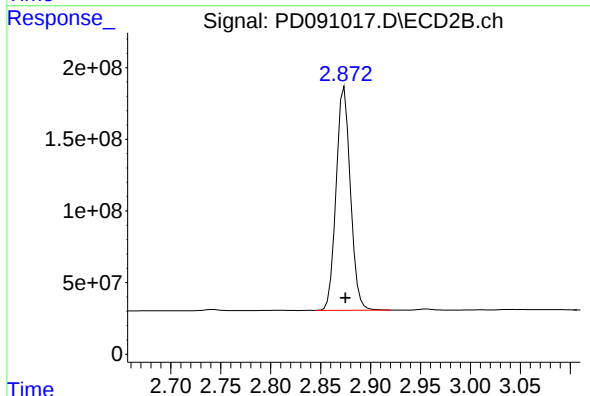
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 153083466
Conc: 49.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

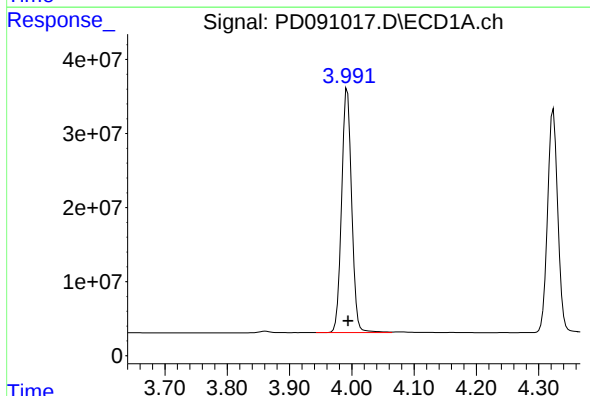
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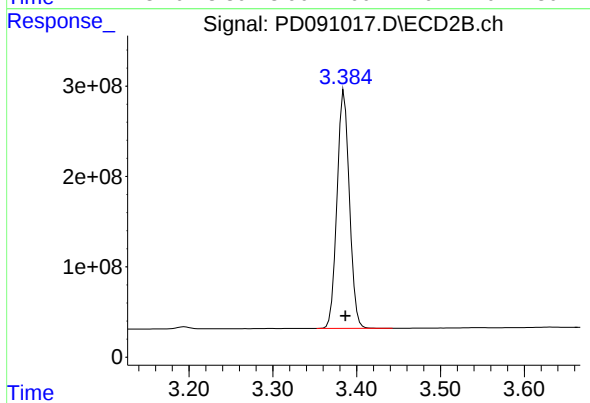
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 1553677096
Conc: 52.18 ng/ml



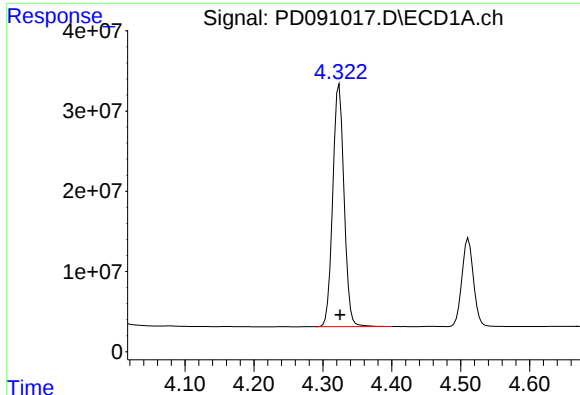
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 369226066
Conc: 51.44 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2700556925
Conc: 52.85 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 343430071
Conc: 50.51 ng/ml

Instrument :

ECD_D

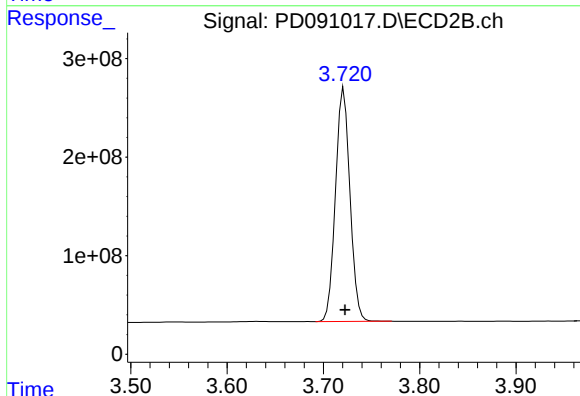
ClientSampleId :

PSTDCCC050

Manual Integrations

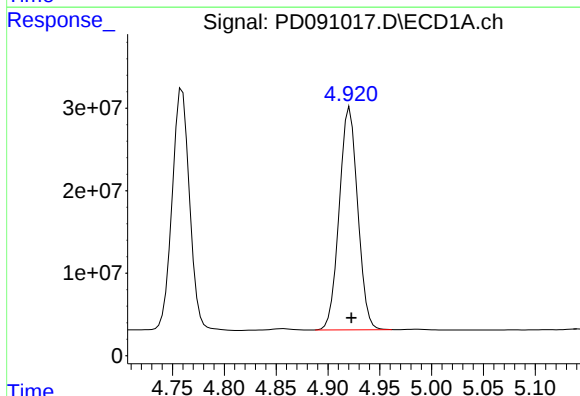
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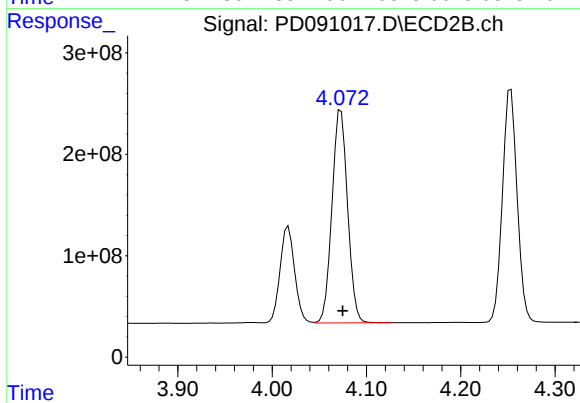
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 2478364911
Conc: 52.45 ng/ml



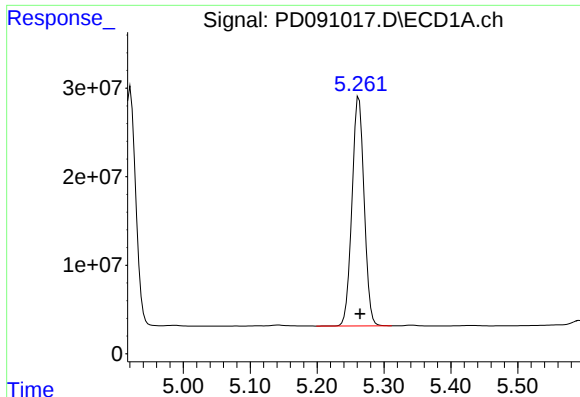
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.003 min
Response: 334405005
Conc: 59.83 ng/ml m



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2412164507
Conc: 54.08 ng/ml



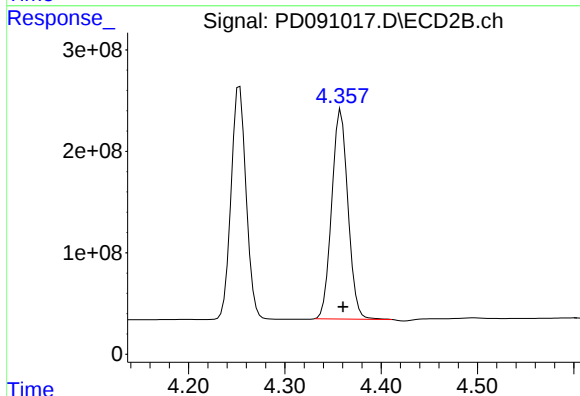
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 328164609
Conc: 50.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

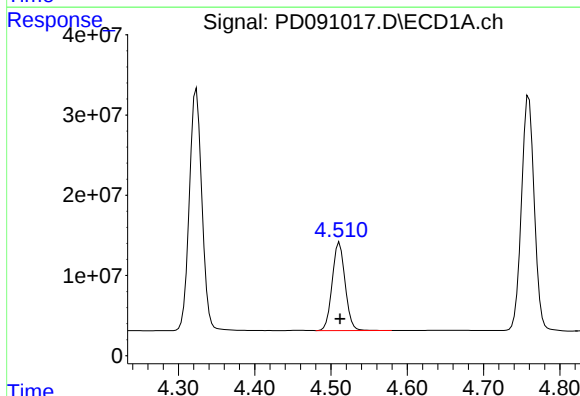
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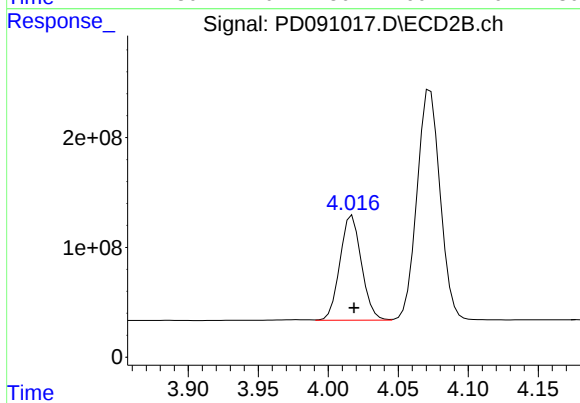
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 2422569445
Conc: 52.30 ng/ml



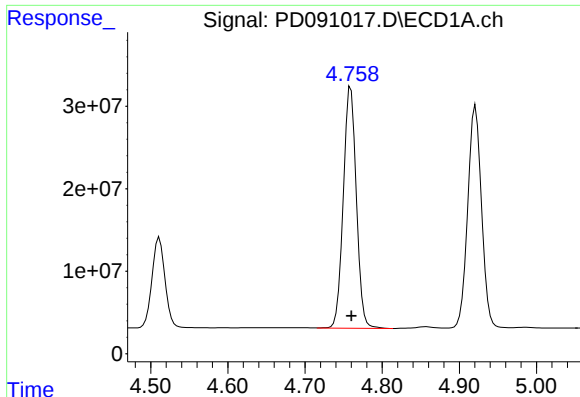
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 128824660
Conc: 49.18 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 1021916155
Conc: 51.54 ng/ml



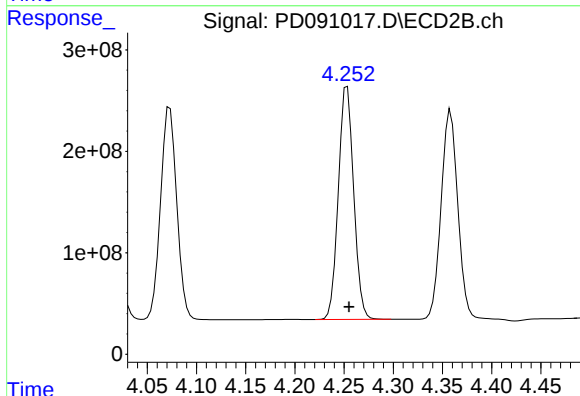
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 342350290
Conc: 50.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

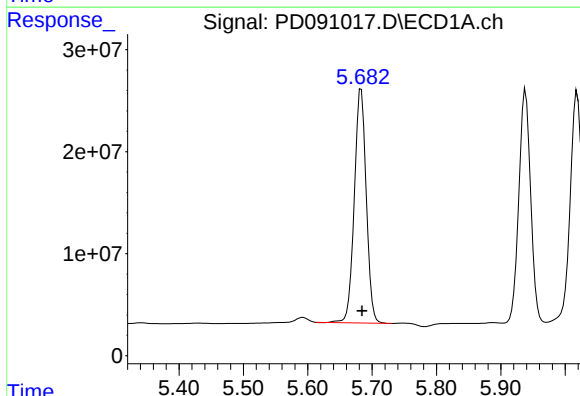
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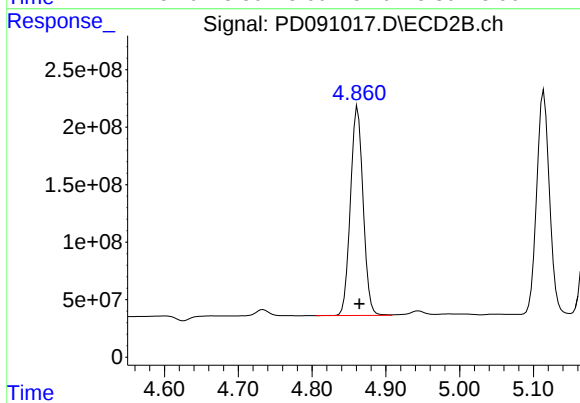
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2494152763
Conc: 52.27 ng/ml



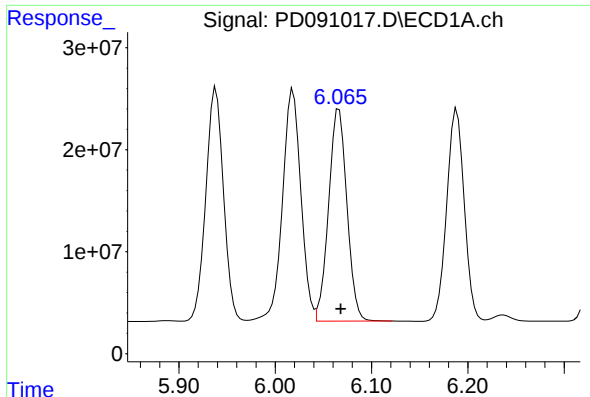
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.001 min
Response: 296027997
Conc: 51.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 2166296787
Conc: 50.81 ng/ml



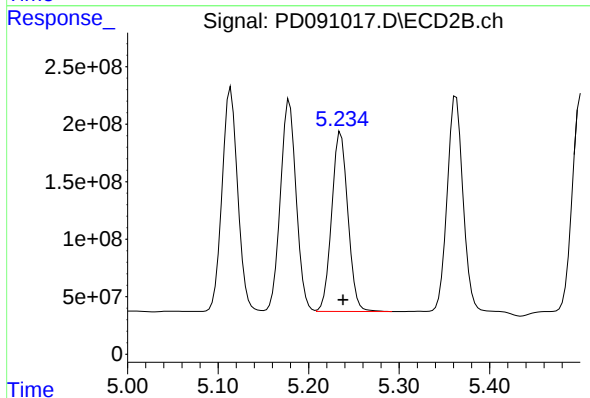
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 276014996
Conc: 49.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

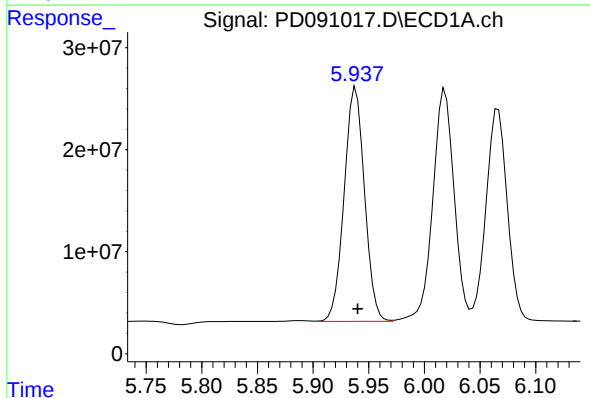
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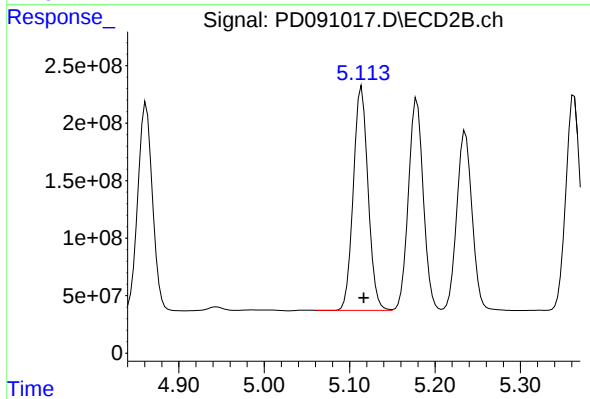
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 1942898496
Conc: 49.32 ng/ml



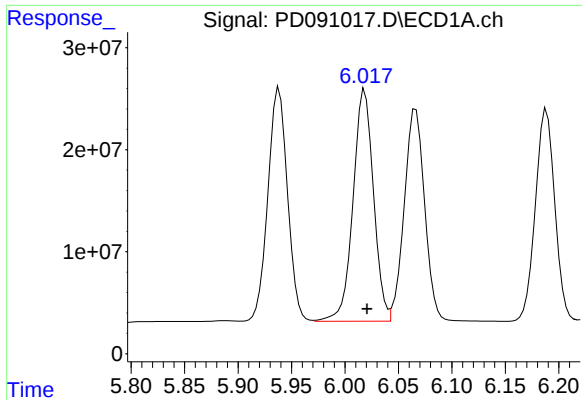
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 292456114
Conc: 49.31 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 2332338349
Conc: 51.89 ng/ml



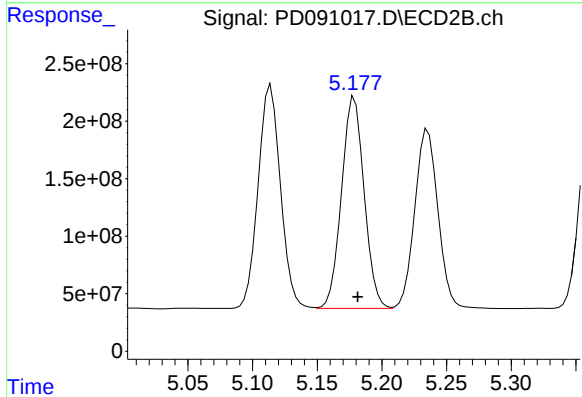
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 302643153
Conc: 48.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

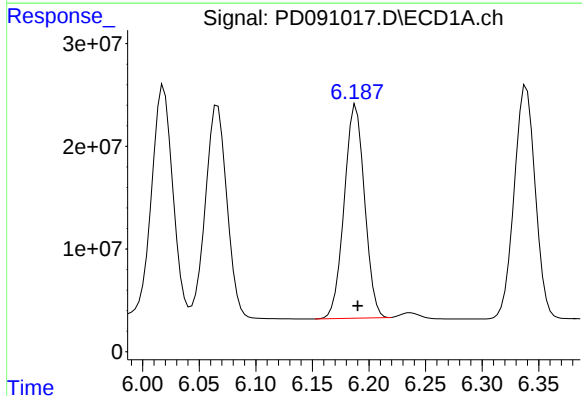
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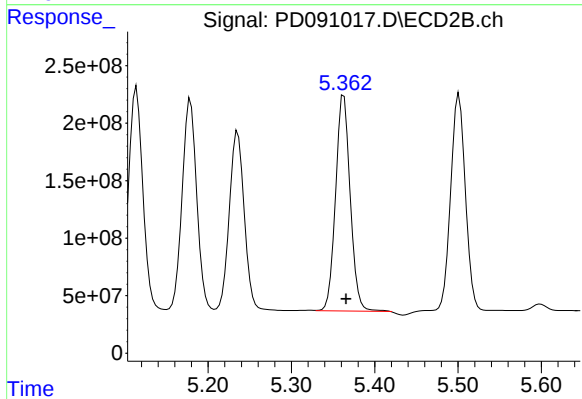
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 2232518455
Conc: 51.75 ng/ml



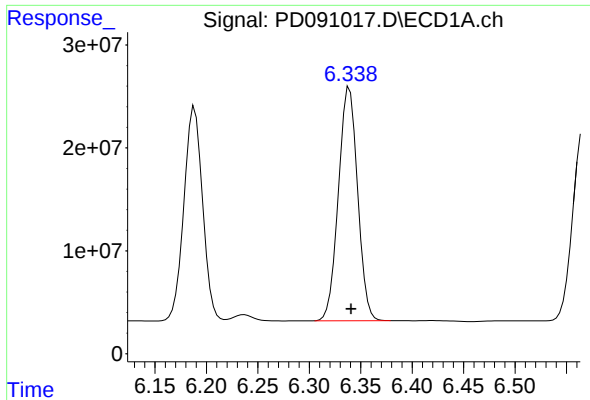
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.002 min
Response: 260125683
Conc: 48.83 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 2295625504
Conc: 52.37 ng/ml



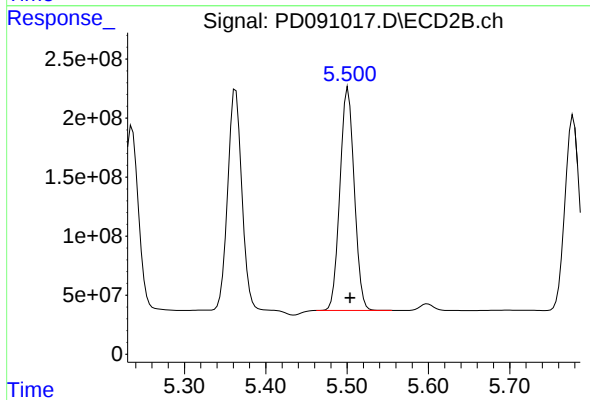
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.001 min
Response: 294562625
Conc: 50.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

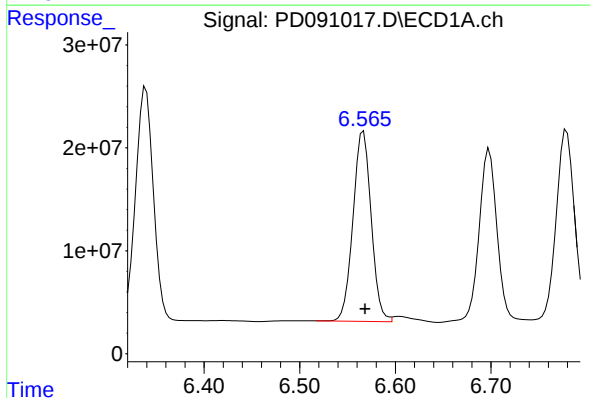
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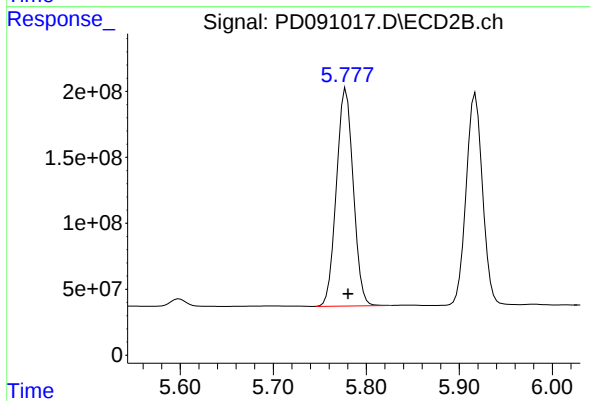
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 2307718677
Conc: 52.23 ng/ml



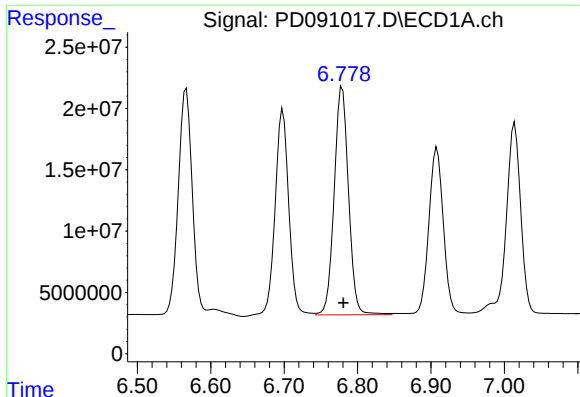
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 244504426
Conc: 49.36 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 2075959914
Conc: 51.27 ng/ml



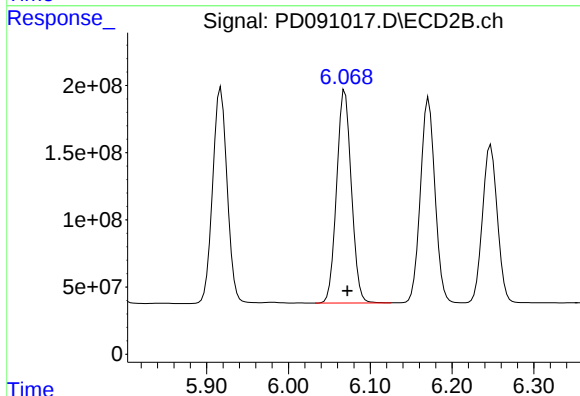
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 252649505
Conc: 50.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

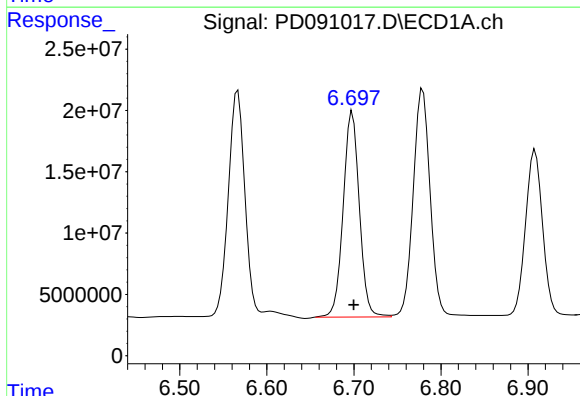
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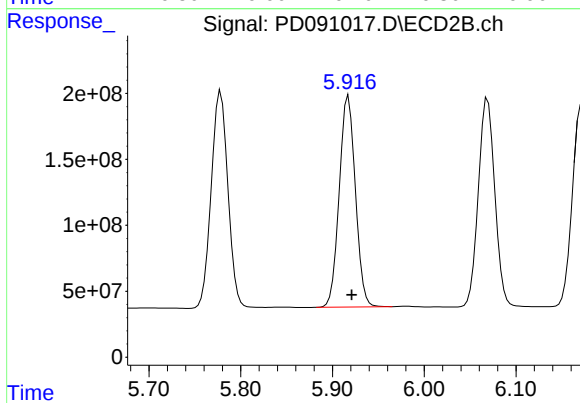
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 1981513983
Conc: 52.76 ng/ml



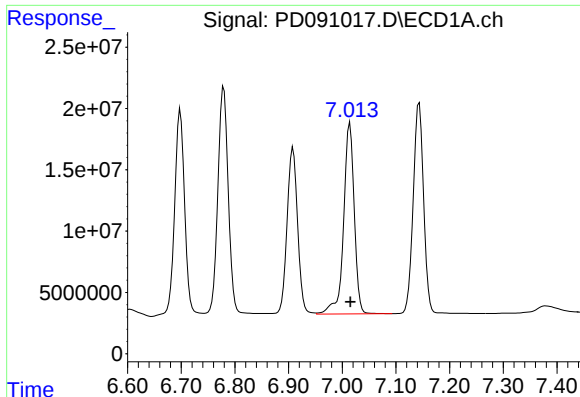
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 216154000
Conc: 53.32 ng/ml



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 1957725740
Conc: 53.73 ng/ml



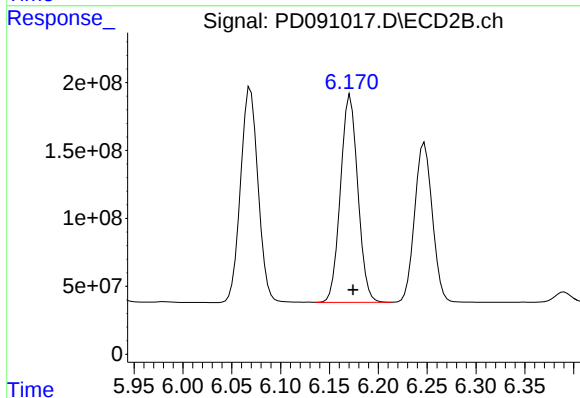
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 215288312
Conc: 52.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

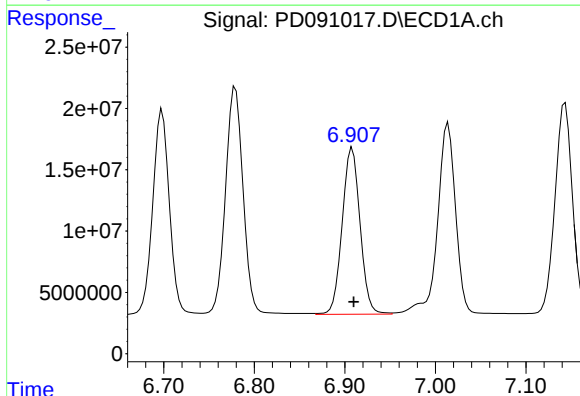
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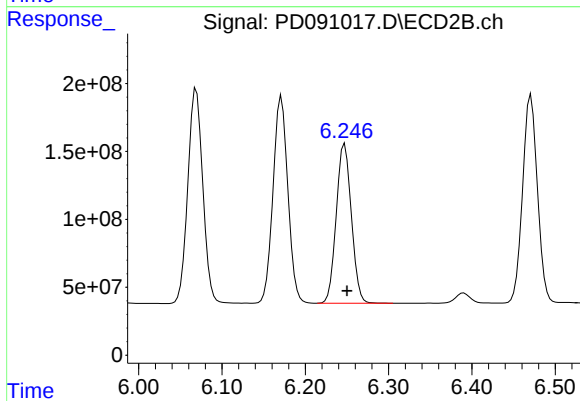
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 1892672974
Conc: 53.96 ng/ml



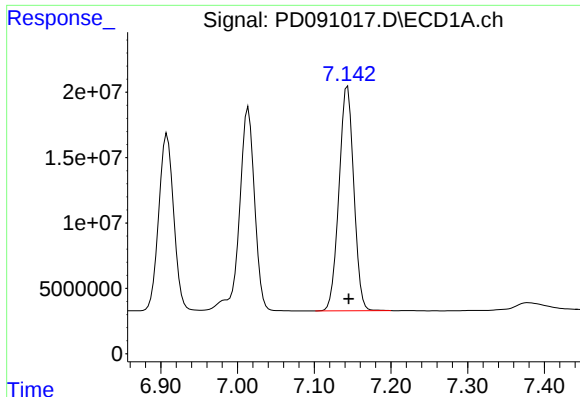
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 186626884
Conc: 50.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 1481271626
Conc: 53.49 ng/ml



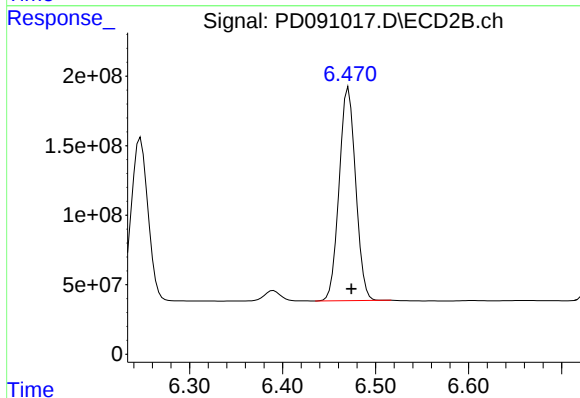
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.001 min
Response: 230554546
Conc: 49.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

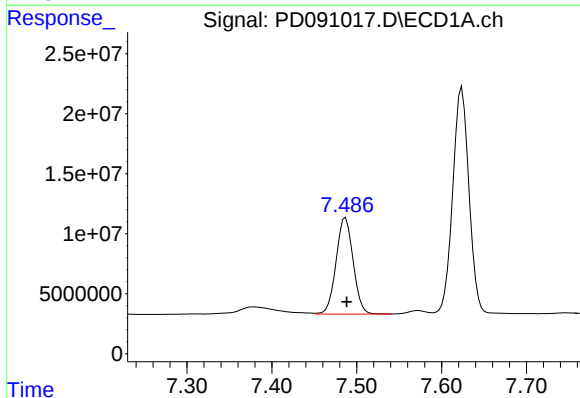
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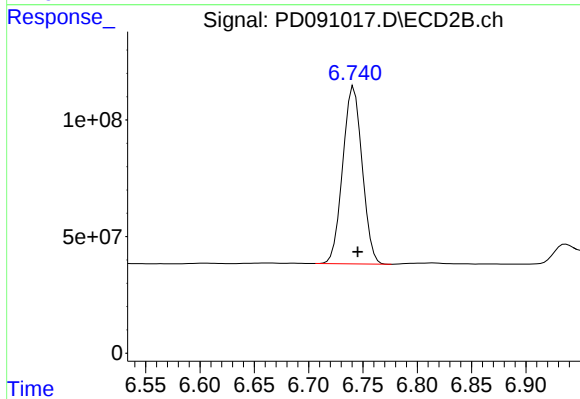
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 1890100451
Conc: 52.73 ng/ml



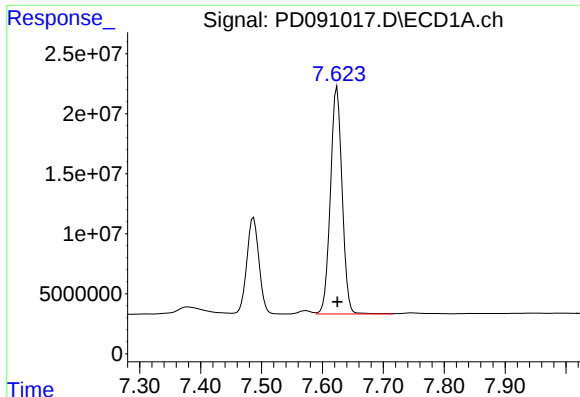
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.001 min
Response: 112190339
Conc: 52.78 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.004 min
Response: 948575290
Conc: 54.43 ng/ml



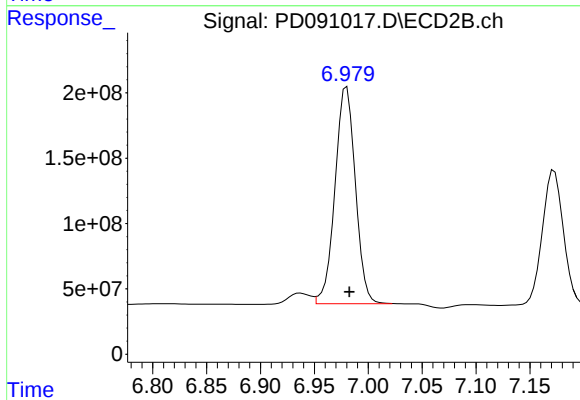
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 252593959
Conc: 51.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

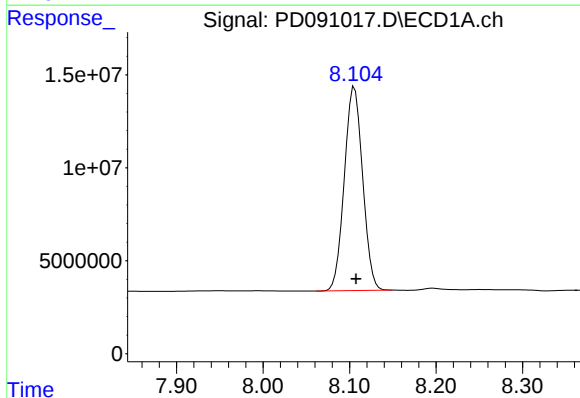
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025



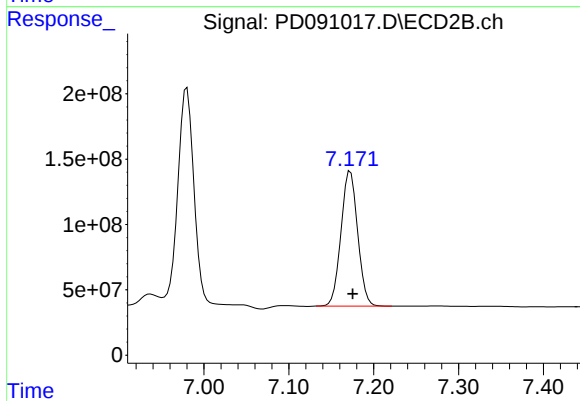
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.004 min
Response: 2179828247
Conc: 57.79 ng/ml m



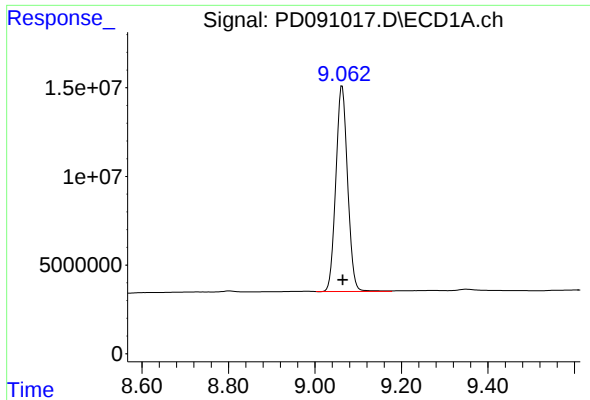
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.002 min
Response: 160486452
Conc: 50.14 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 1406172602
Conc: 54.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 218059242
Conc: 46.61 ng/ml

Instrument :

ECD_D

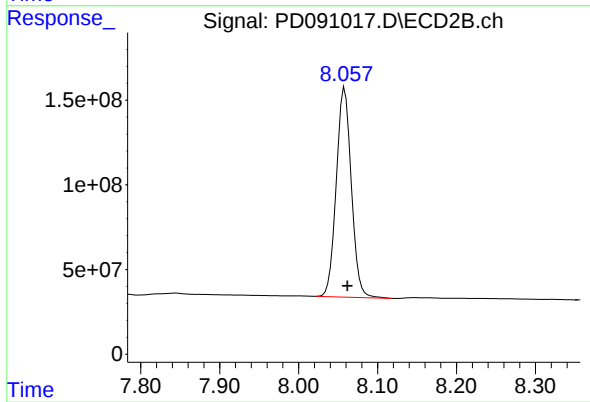
ClientSampleId :

PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.003 min
Response: 1636910606
Conc: 54.04 ng/ml