

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
 Data File : PD091026.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2025 13:32
 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 02:47:10 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	148.8E6	1522.0E6	47.766	51.114
28)	SA Decachlor...	9.065	8.059	214.1E6	1662.0E6	45.766	54.866
Target Compounds							
2)	A alpha-BHC	3.994	3.385	355.7E6	2641.6E6	49.562	51.699
3)	MA gamma-BHC...	4.324	3.721	332.6E6	2427.6E6	48.924	51.379
4)	MA Heptachlor	4.922	4.073	327.4E6	2377.8E6	58.576	53.311
5)	MB Aldrin	5.263	4.359	318.3E6	2396.6E6	48.618	51.742
6)	B beta-BHC	4.512	4.018	126.1E6	987.5E6	48.132	49.801
7)	B delta-BHC	4.760	4.254	332.8E6	2458.1E6	49.211	51.514
8)	B Heptachlo...	5.684	4.862	299.4E6	2108.0E6	51.715	49.439
9)	A Endosulfan I	6.068	5.236	267.0E6	1626.6E6	48.232	41.294
10)	B gamma-Chl...	5.939	5.115	283.9E6	2277.3E6	47.872	50.665
11)	B alpha-Chl...	6.020	5.180	286.8E6	2170.8E6	46.399	50.323
12)	B 4,4'-DDE	6.190	5.362	248.7E6	2214.0E6	46.697	50.505m
13)	MA Dieldrin	6.340	5.502	285.9E6	2276.9E6	49.037	51.532
14)	MA Endrin	6.568	5.779	246.4E6	2150.8E6	49.733	53.114
15)	B Endosulfa...	6.779	6.070	239.3E6	1952.2E6	47.866m	51.981
16)	A 4,4'-DDD	6.700	5.918	222.3E6	1922.6E6	54.823	52.762
17)	MA 4,4'-DDT	7.015	6.172	213.7E6	1881.5E6	51.995	53.644
18)	B Endrin al...	6.908	6.248	177.1E6	1458.5E6	48.355m	52.666
19)	B Endosulfa...	7.144	6.471	223.2E6	1864.5E6	48.112	52.016
20)	A Methoxychlor	7.489	6.742	112.1E6	942.3E6	52.741	54.068
21)	B Endrin ke...	7.626	6.979	243.7E6	2220.5E6	50.161	58.871m
22)	Mirex	8.108	7.173	154.8E6	1395.5E6	48.349	54.320

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091026.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 13:32
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

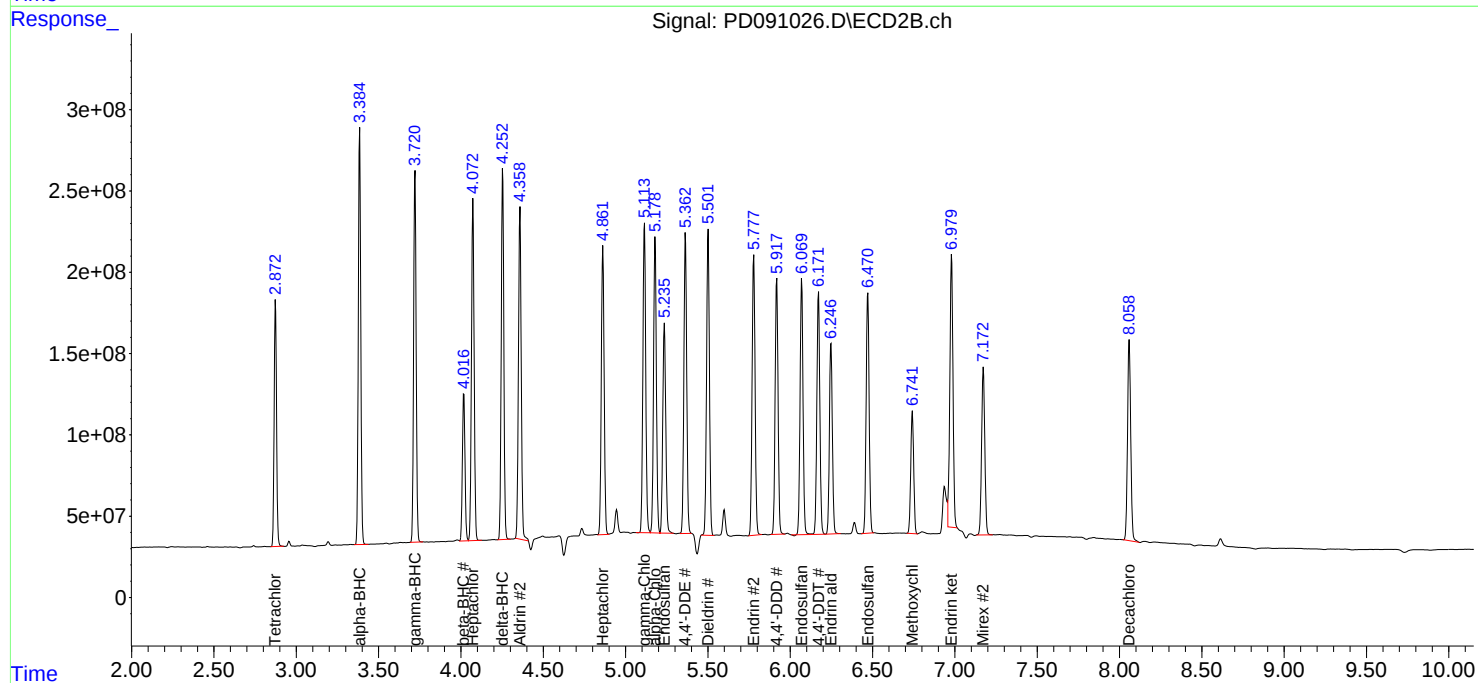
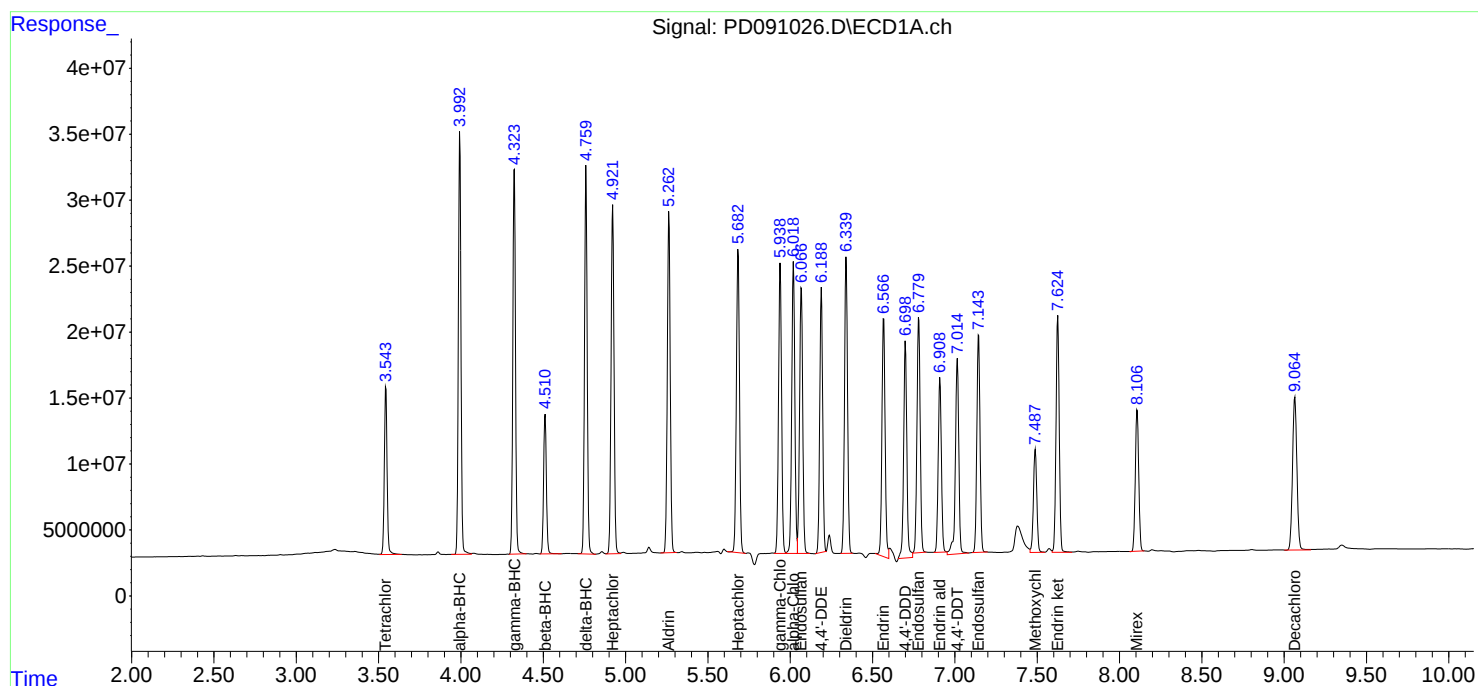
Manual Integrations

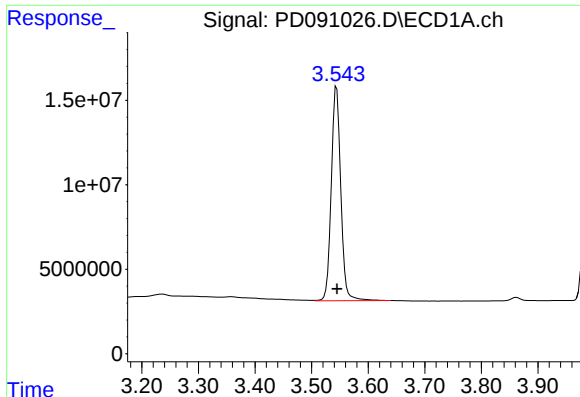
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Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:47:10 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





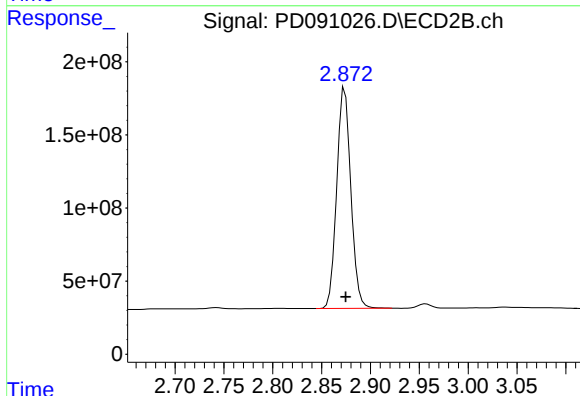
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 148750193
Conc: 47.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

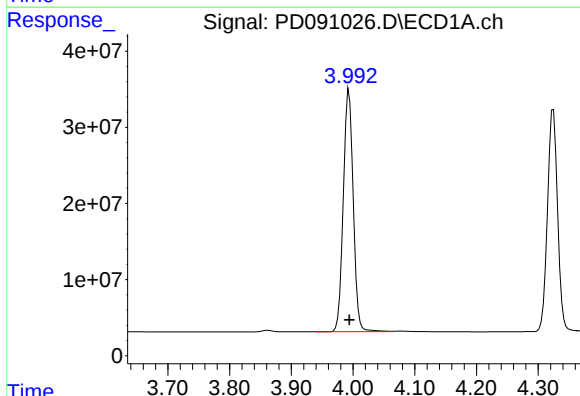
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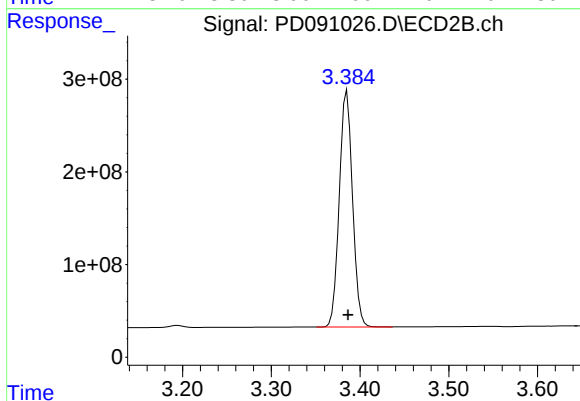
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 1522029815
Conc: 51.11 ng/ml



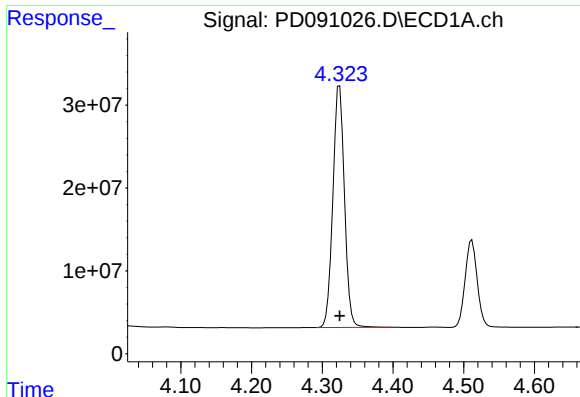
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 355715707
Conc: 49.56 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2641603333
Conc: 51.70 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 332628132
Conc: 48.92 ng/ml

Instrument :

ECD_D

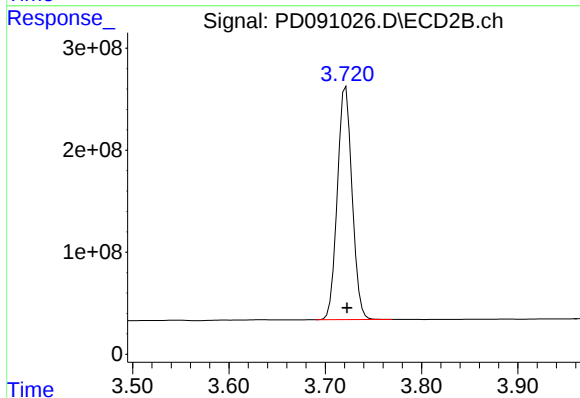
ClientSampleId :

PSTDCCC050

Manual Integrations

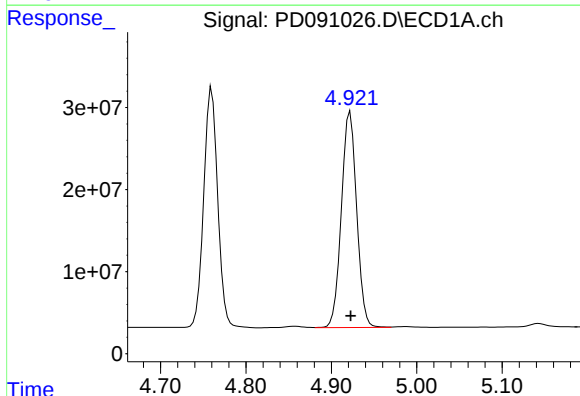
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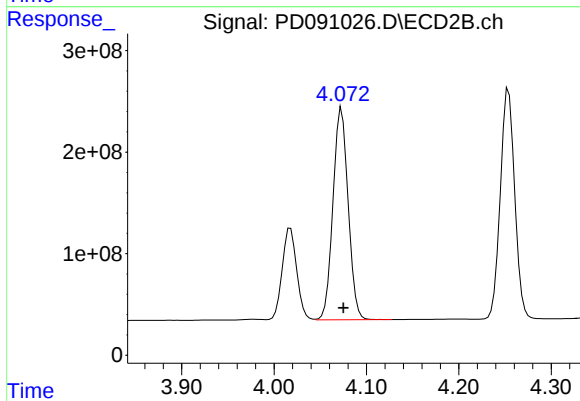
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 2427606049
Conc: 51.38 ng/ml



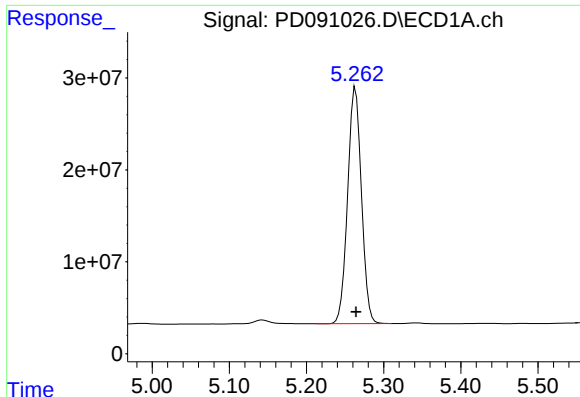
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 327415860
Conc: 58.58 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2377804064
Conc: 53.31 ng/ml



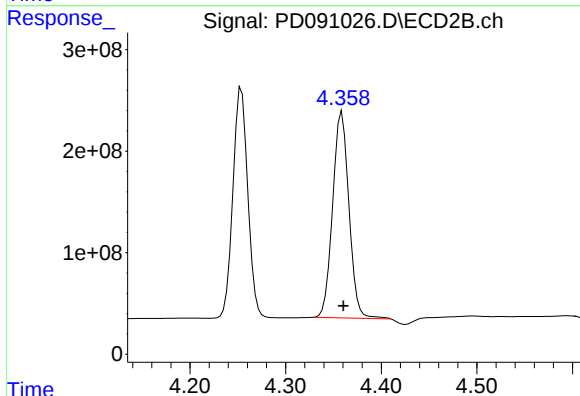
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 318312419
Conc: 48.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

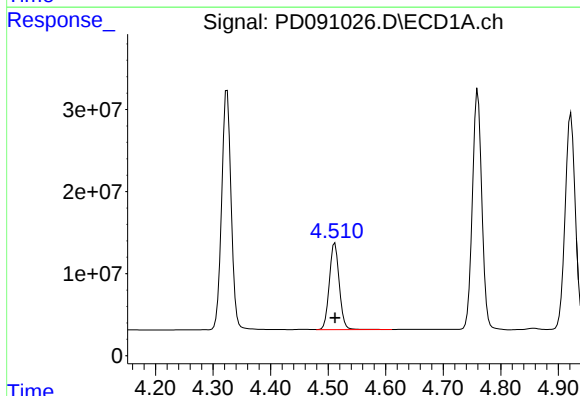
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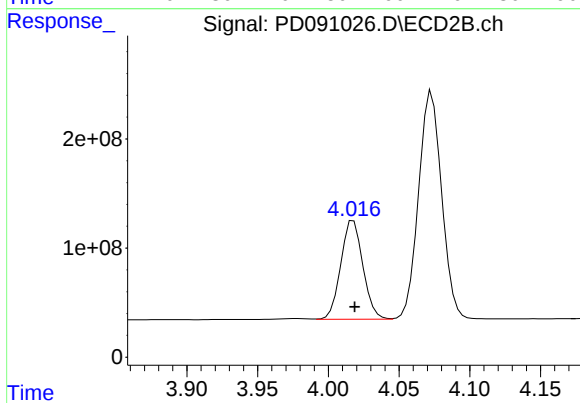
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2396620032
Conc: 51.74 ng/ml



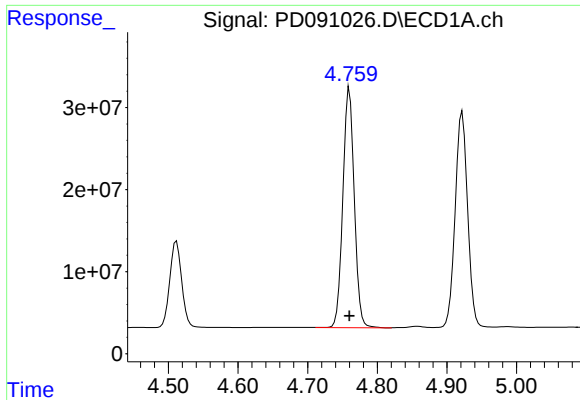
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 126087660
Conc: 48.13 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 987522369
Conc: 49.80 ng/ml



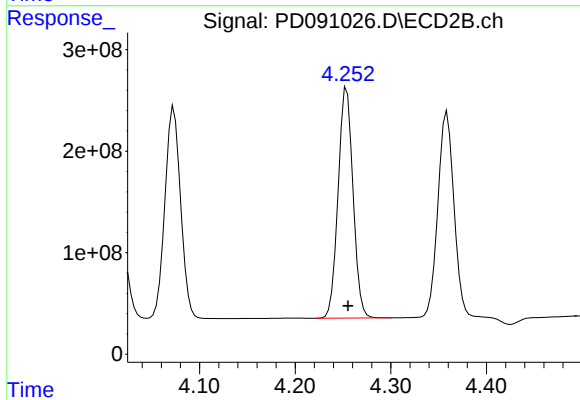
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 332750522
Conc: 49.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

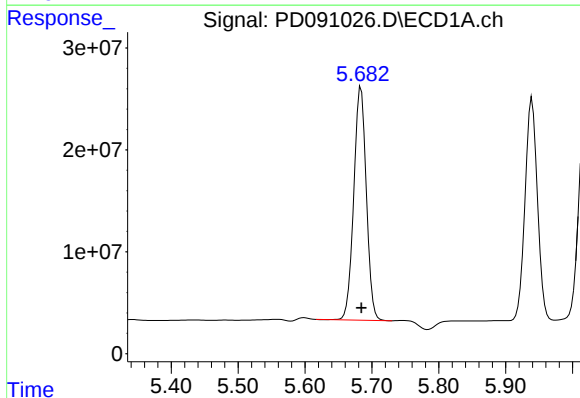
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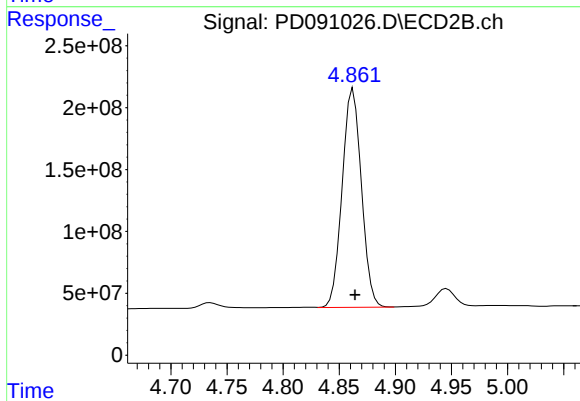
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 2458076922
Conc: 51.51 ng/ml



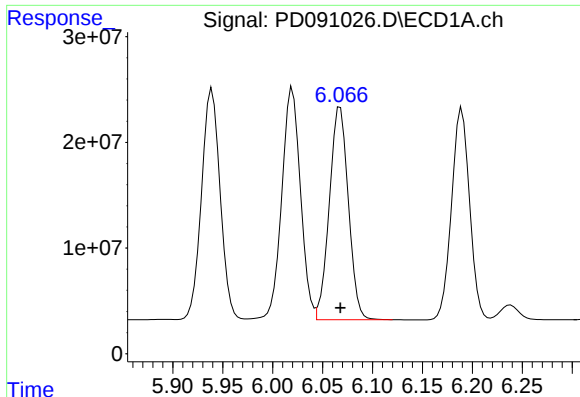
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 299378909
Conc: 51.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 2108040559
Conc: 49.44 ng/ml



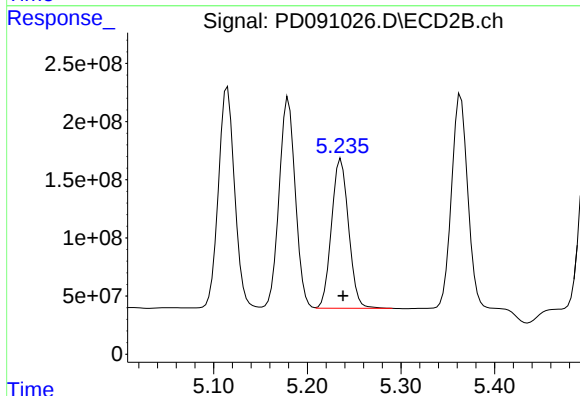
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 267041953
Conc: 48.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

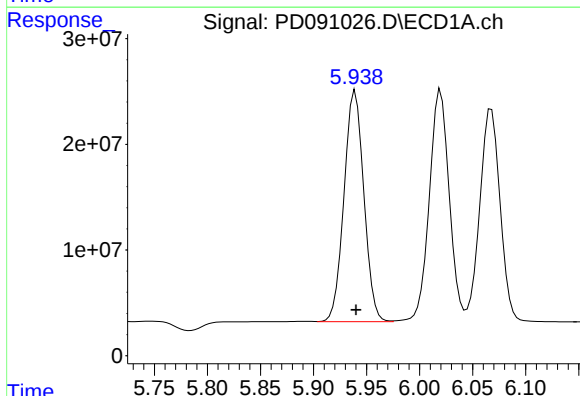
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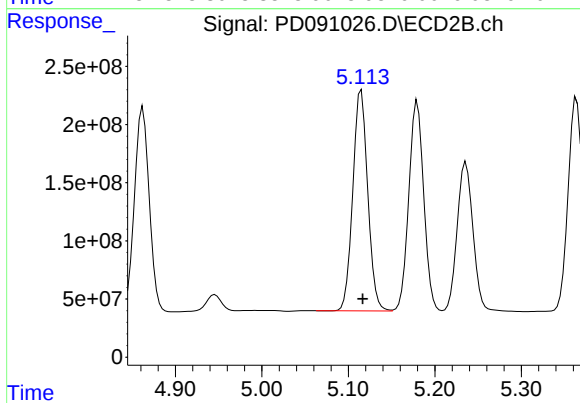
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 1626593367
Conc: 41.29 ng/ml



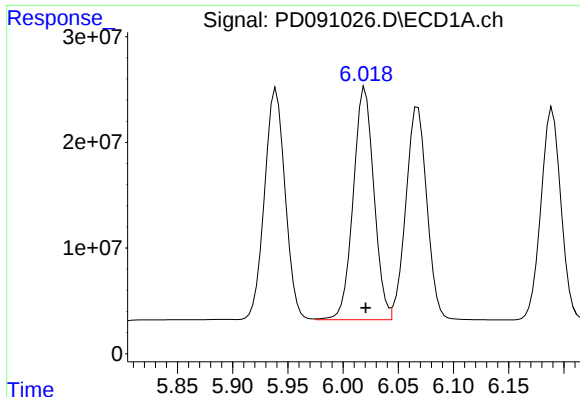
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 283935440
Conc: 47.87 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 2277341107
Conc: 50.67 ng/ml



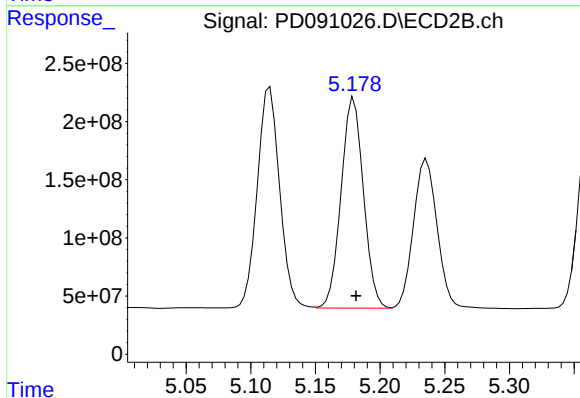
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 286760172
Conc: 46.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

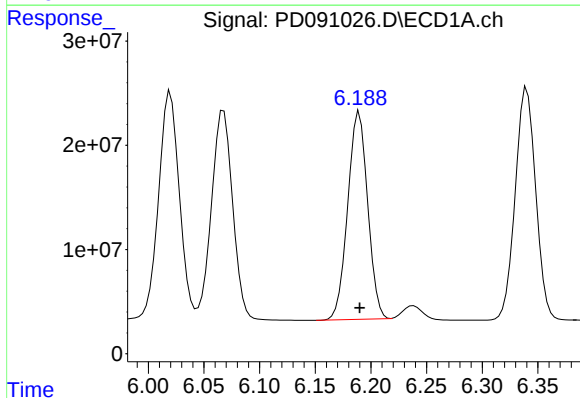
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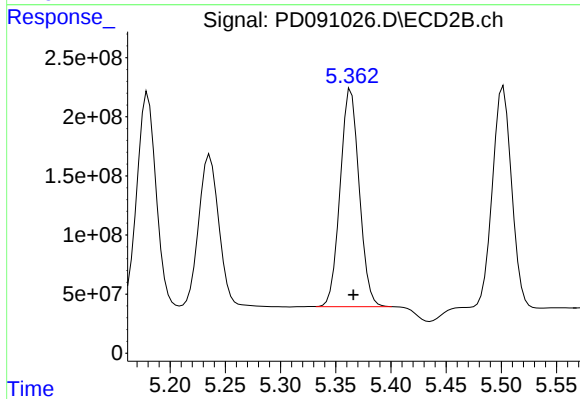
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 2170837893
Conc: 50.32 ng/ml



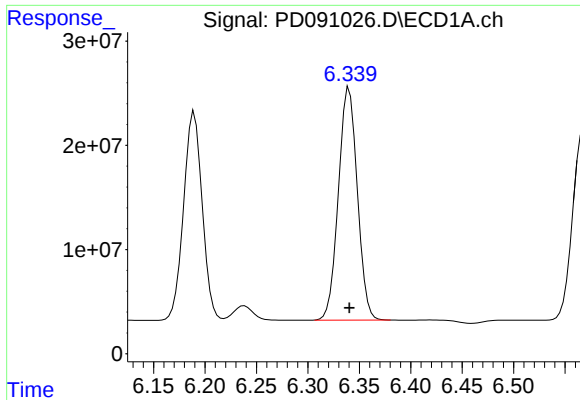
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 248737501
Conc: 46.70 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.003 min
Response: 2214040279
Conc: 50.50 ng/ml m



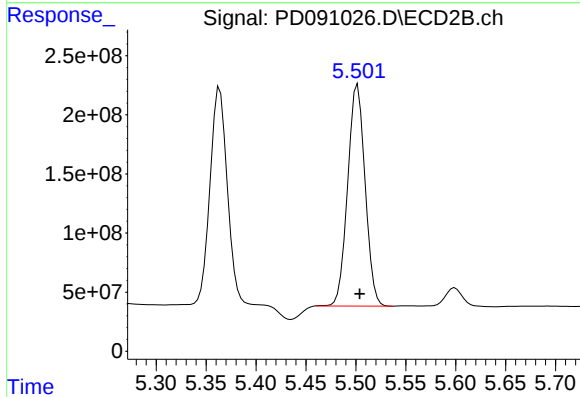
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 285949567
Conc: 49.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

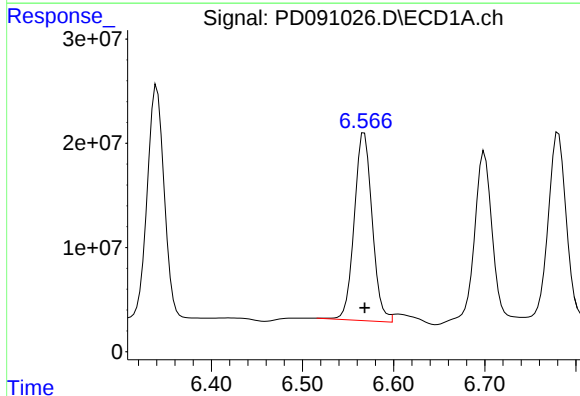
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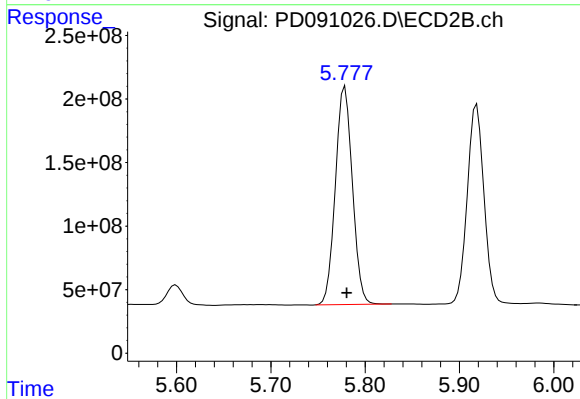
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 2276891548
Conc: 51.53 ng/ml



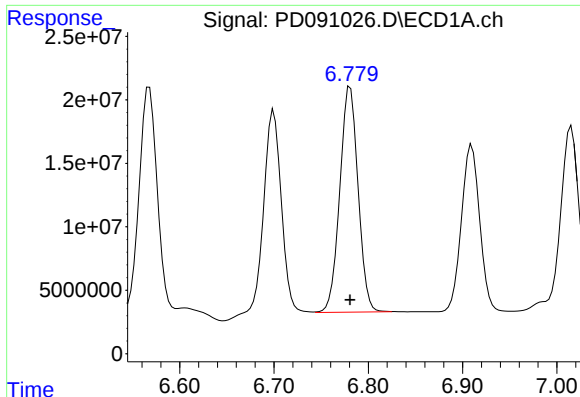
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 246360216
Conc: 49.73 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 2150777850
Conc: 53.11 ng/ml



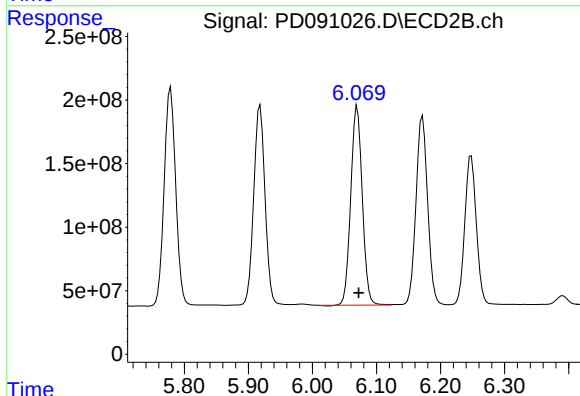
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: -0.001 min
Response: 239327265
Conc: 47.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

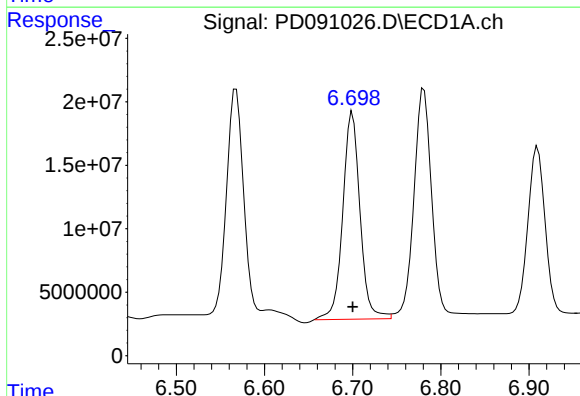
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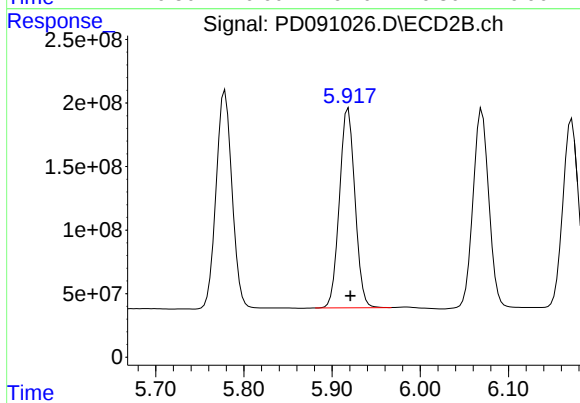
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 1952168747
Conc: 51.98 ng/ml



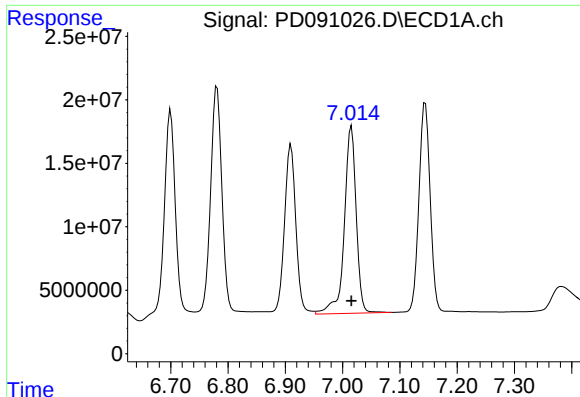
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 222265277
Conc: 54.82 ng/ml



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.002 min
Response: 1922550842
Conc: 52.76 ng/ml



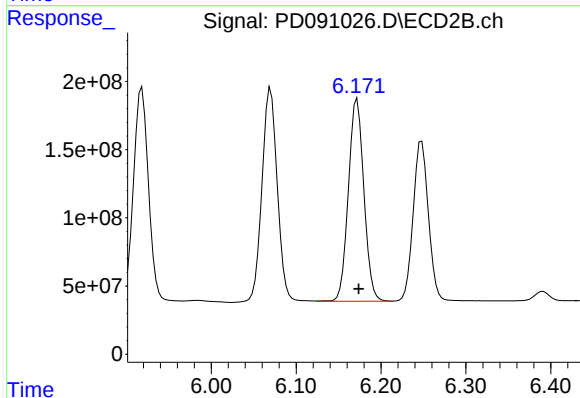
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 213722385
Conc: 51.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

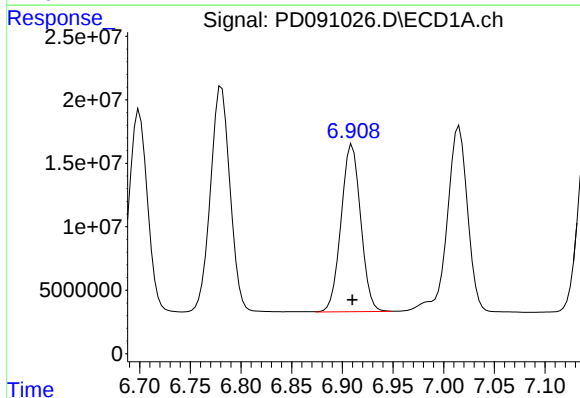
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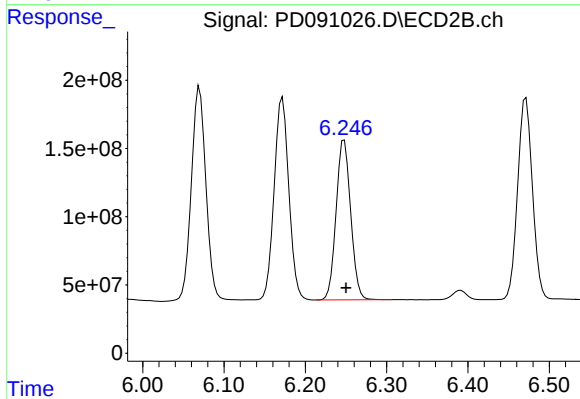
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 1881459439
Conc: 53.64 ng/ml



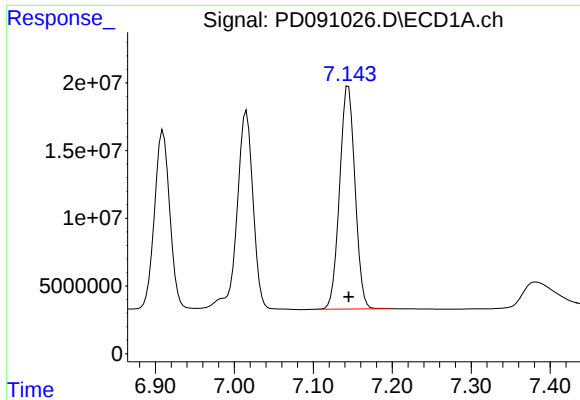
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.001 min
Response: 177110408
Conc: 48.36 ng/ml m



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 1458467078
Conc: 52.67 ng/ml



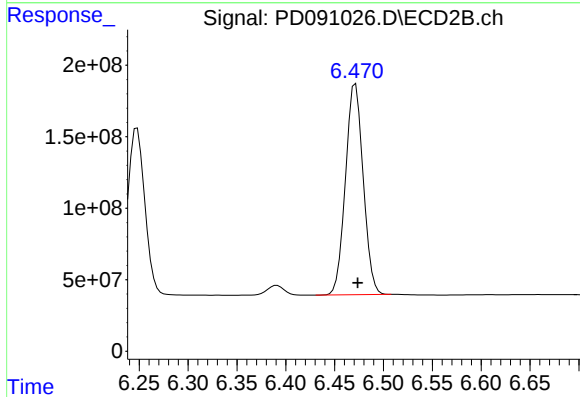
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 223150855
Conc: 48.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

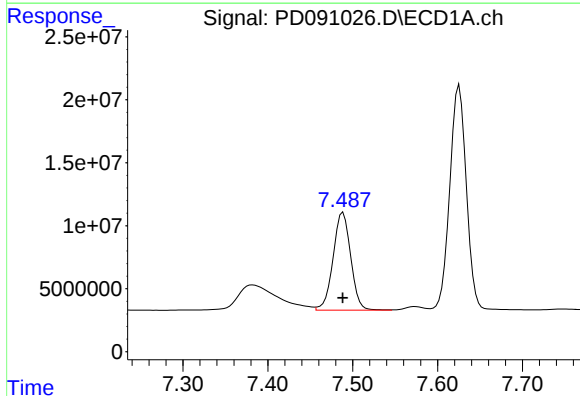
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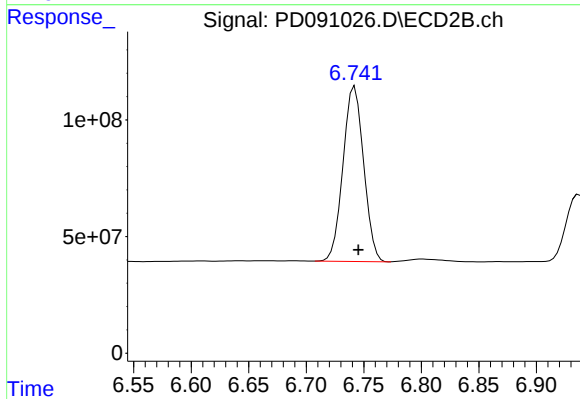
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 1864505968
Conc: 52.02 ng/ml



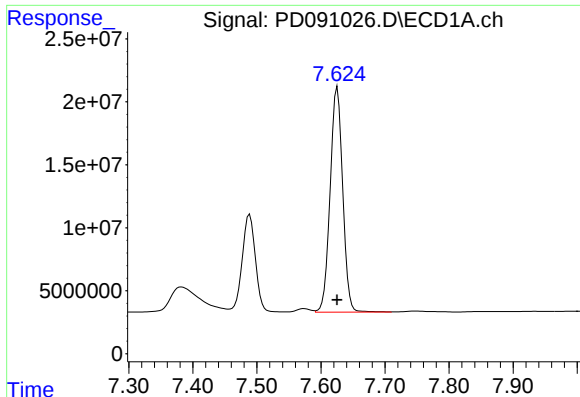
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 112106182
Conc: 52.74 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 942291818
Conc: 54.07 ng/ml



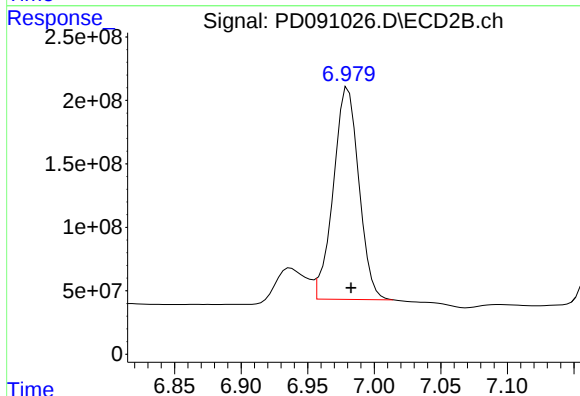
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 243725355
Conc: 50.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

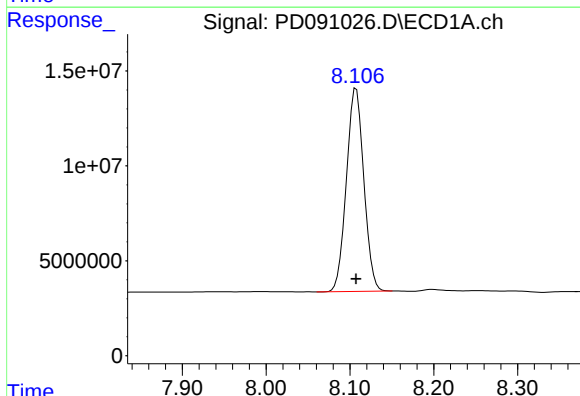
Manual Integrations
APPROVED

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



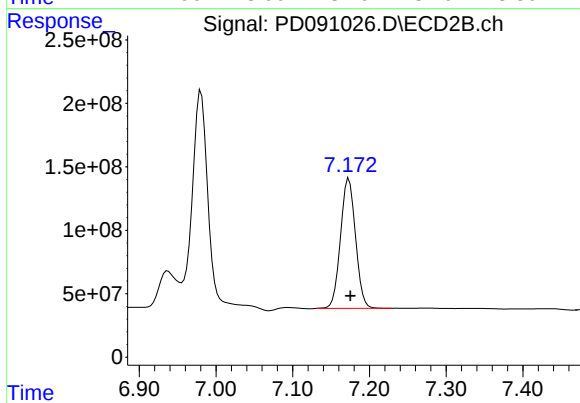
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.004 min
Response: 2220465051
Conc: 58.87 ng/ml m



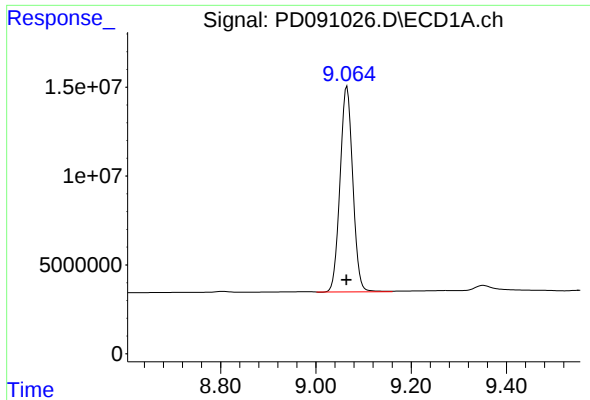
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 154757442
Conc: 48.35 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 1395530014
Conc: 54.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.000 min
Response: 214089603
Conc: 45.77 ng/ml

Instrument :

ECD_D

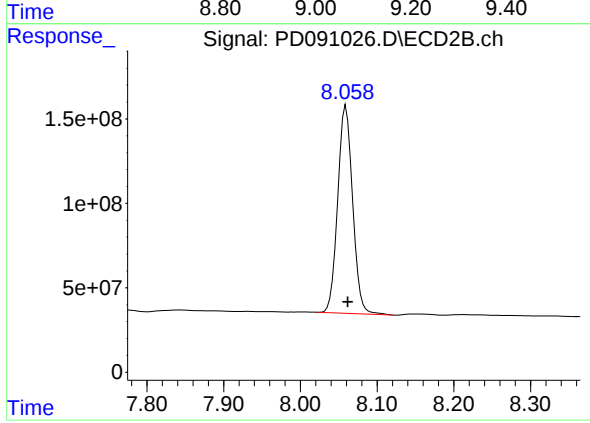
ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 1661969510
Conc: 54.87 ng/ml