

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
 Data File : PD091069.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2025 15:58
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 00:21:35 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...	3.543	2.873	143.6E6	1484.6E6	46.115	49.857
28)	SA Decachlor...	9.066	8.060	197.3E6	1388.2E6	42.181	45.828
Target Compounds							
2)	A alpha-BHC	3.993	3.385	339.6E6	2567.4E6	47.315	50.246
3)	MA gamma-BHC...	4.324	3.721	316.1E6	2348.4E6	46.486	49.703
4)	MA Heptachlor	4.921	4.073	307.5E6	2277.2E6	55.008	51.054
5)	MB Aldrin	5.263	4.358	299.3E6	2264.4E6	45.715	48.887
6)	B beta-BHC	4.511	4.018	119.8E6	971.8E6	45.715	49.009
7)	B delta-BHC	4.759	4.254	314.2E6	2361.4E6	46.473	49.488
8)	B Heptachlo...	5.682	4.862	261.0E6	2023.7E6	45.088m	47.462
9)	A Endosulfan I	6.068	5.237	245.7E6	1872.8E6	44.384	47.545
10)	B gamma-Chl...	5.939	5.115	261.7E6	2149.8E6	44.129	47.828
11)	B alpha-Chl...	6.020	5.180	265.1E6	2060.0E6	42.894	47.754
12)	B 4,4'-DDE	6.190	5.364	236.6E6	2094.1E6	44.410	47.768
13)	MA Dieldrin	6.341	5.502	259.9E6	2126.3E6	44.576	48.124
14)	MA Endrin	6.568	5.779	215.0E6	1937.3E6	43.404	47.841
15)	B Endosulfa...	6.781	6.070	213.8E6	1783.4E6	42.756	47.488
16)	A 4,4'-DDD	6.700	5.919	189.6E6	1797.6E6	46.769	49.334
17)	MA 4,4'-DDT	7.016	6.173	182.9E6	1658.3E6	44.493	47.281
18)	B Endrin al...	6.910	6.249	161.1E6	1307.1E6	43.992	47.200
19)	B Endosulfa...	7.145	6.472	202.0E6	1700.7E6	43.561	47.447
20)	A Methoxychlor	7.489	6.743	93782134	828.8E6	44.121	47.556
21)	B Endrin ke...	7.626	6.981	217.7E6	1798.9E6	44.806	47.694
22)	Mirex	8.108	7.174	134.4E6	1186.7E6	41.988	46.191

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

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Acq On : 11 Nov 2025 15:58
Operator : AR\AJ
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ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

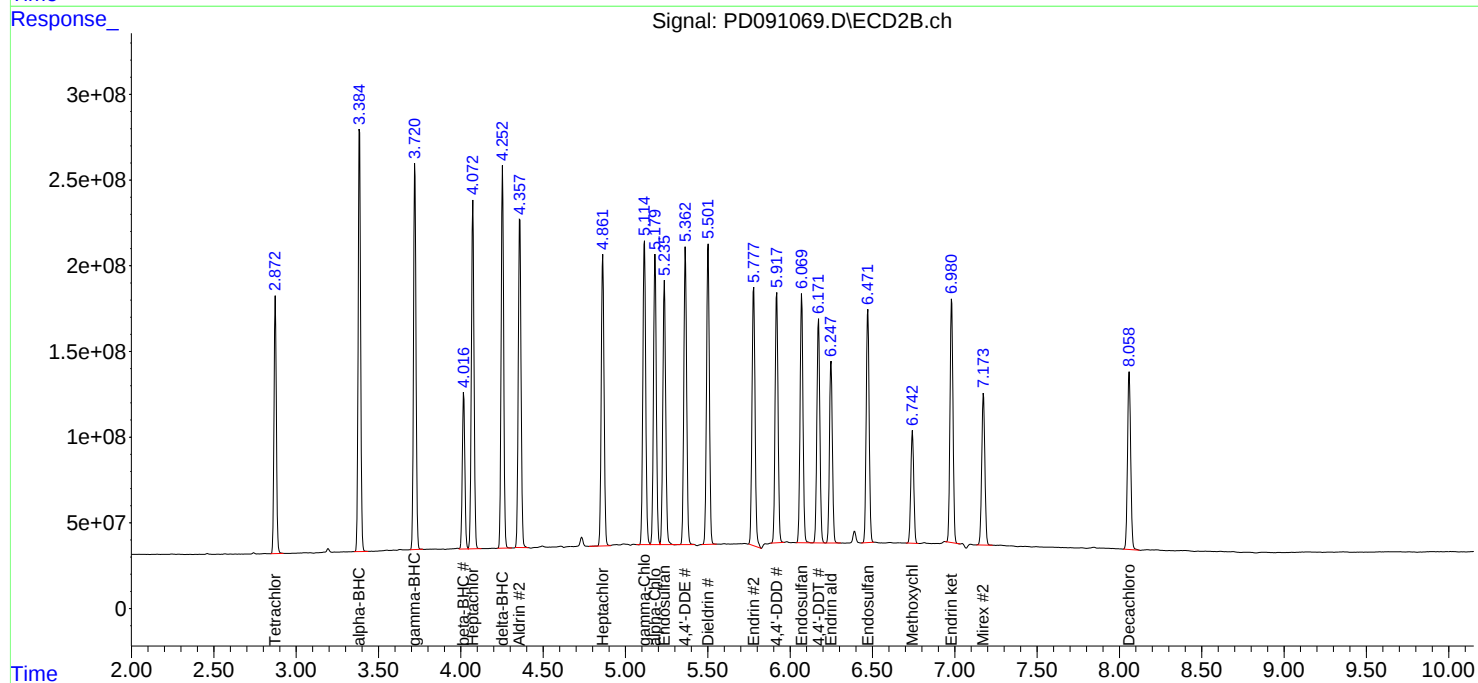
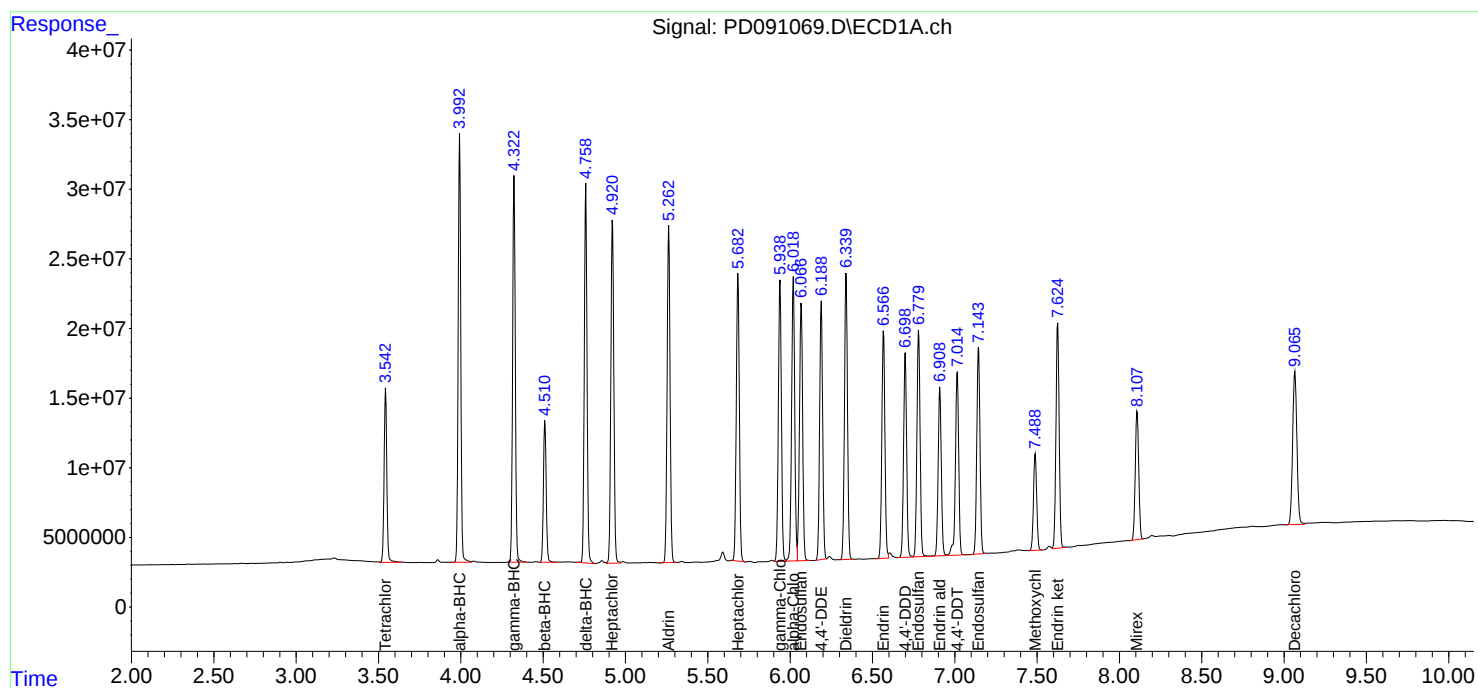
Manual Integrations

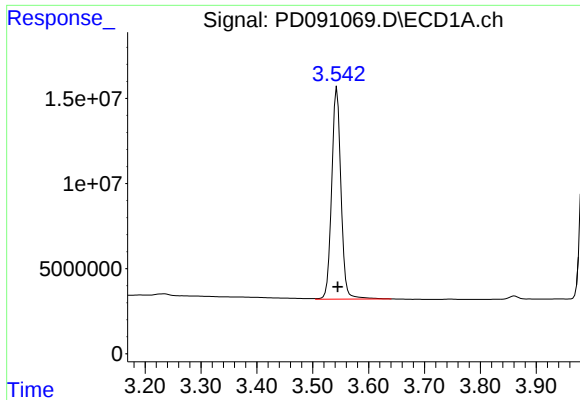
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Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:21:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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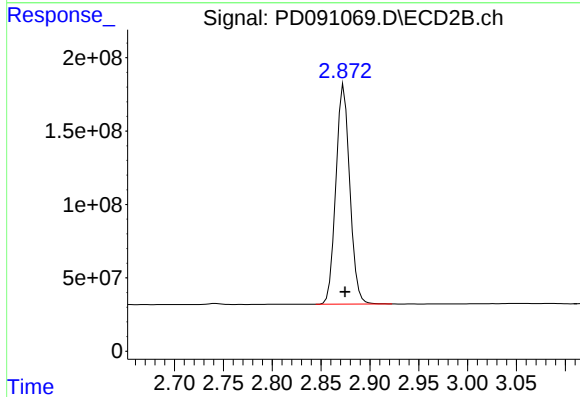
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 143609761
Conc: 46.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

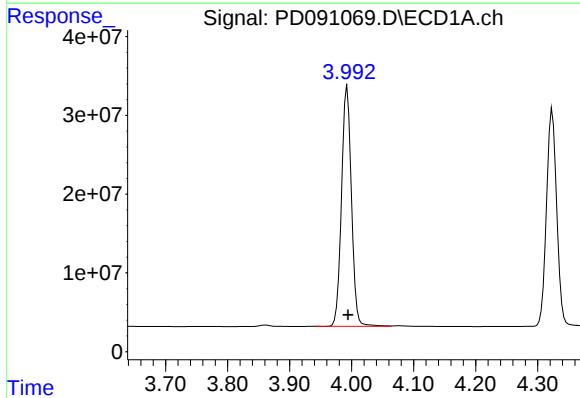
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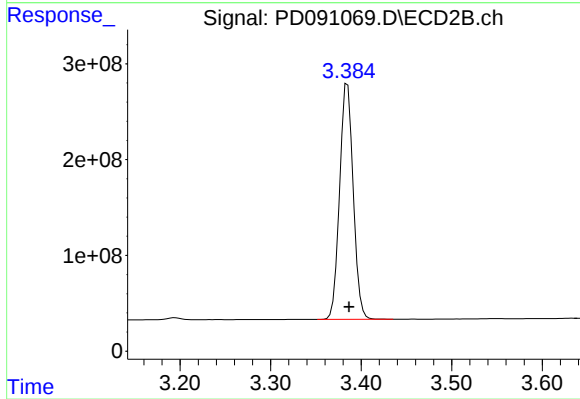
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 1484591417
Conc: 49.86 ng/ml



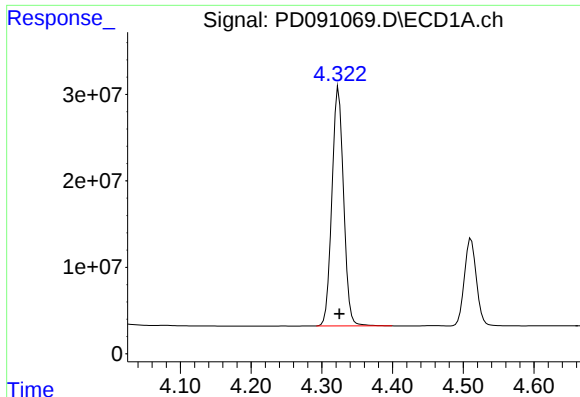
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 339583489
Conc: 47.31 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2567373140
Conc: 50.25 ng/ml



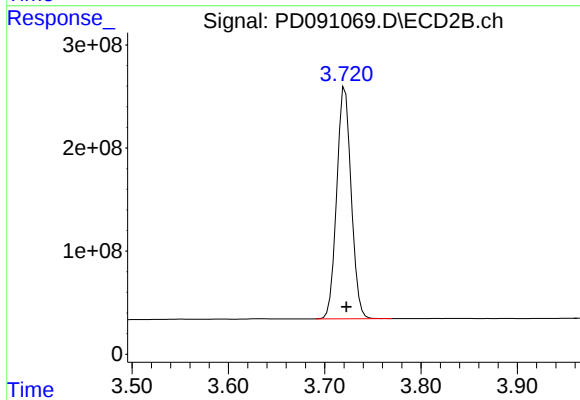
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 316052139
Conc: 46.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

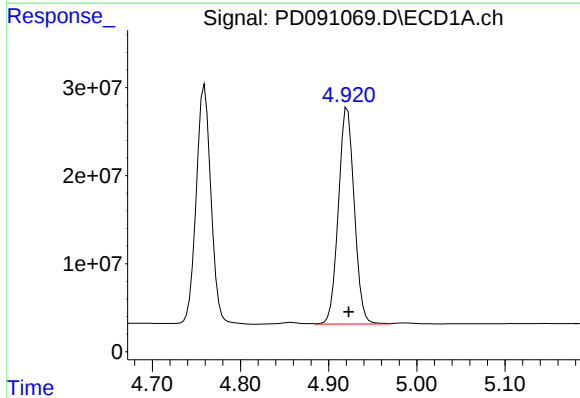
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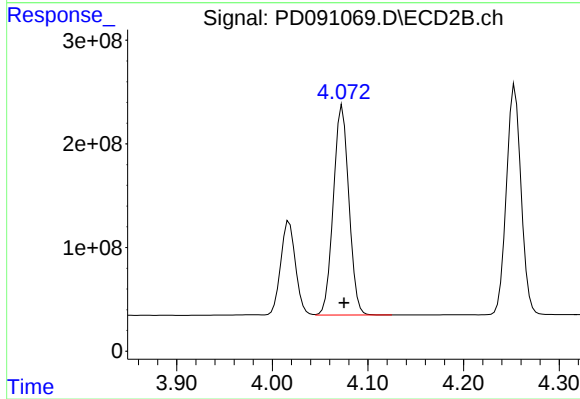
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 2348419046
Conc: 49.70 ng/ml



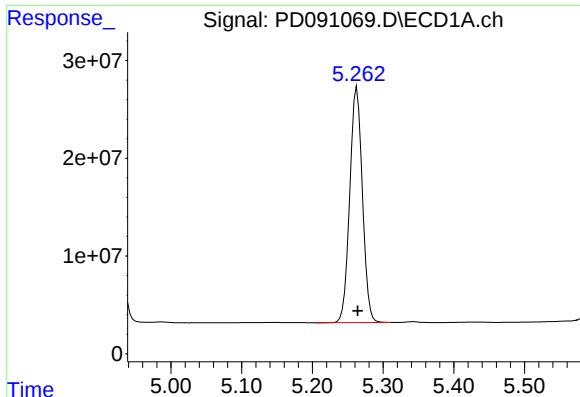
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.001 min
Response: 307473024
Conc: 55.01 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2277158187
Conc: 51.05 ng/ml



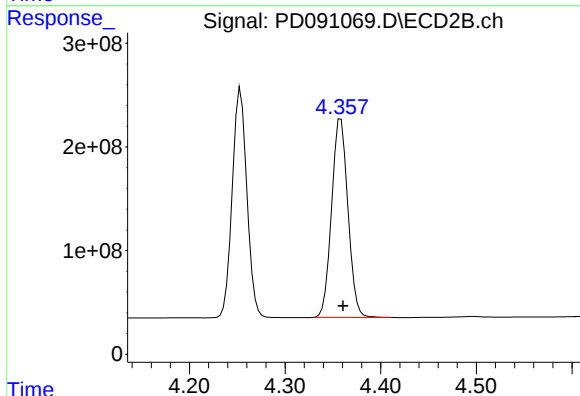
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 299305371
Conc: 45.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

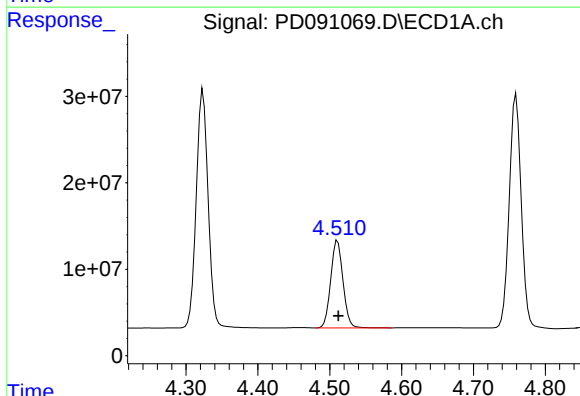
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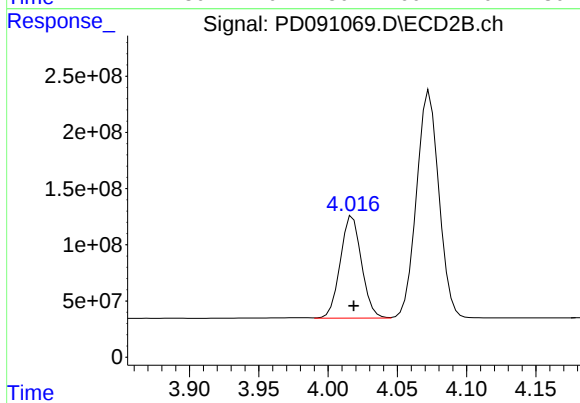
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 2264388833
Conc: 48.89 ng/ml



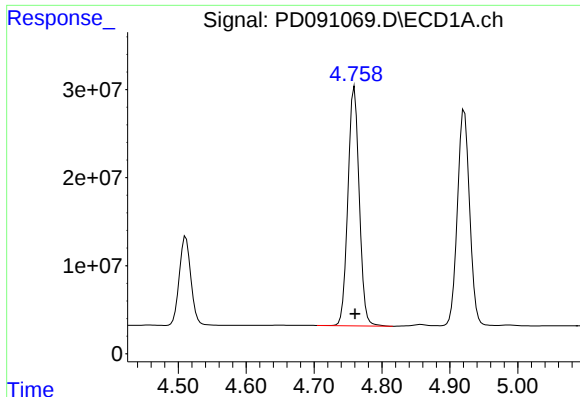
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.001 min
Response: 119757434
Conc: 45.72 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 971824622
Conc: 49.01 ng/ml



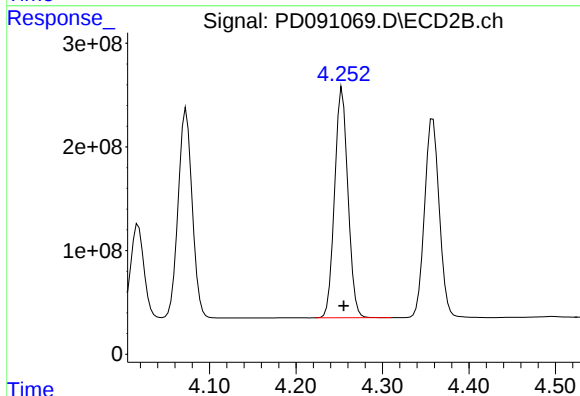
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 314239044
Conc: 46.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

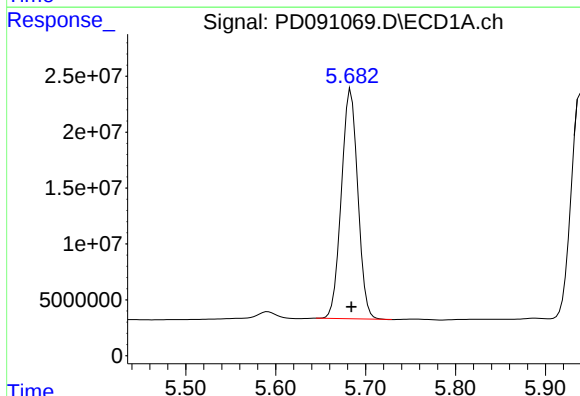
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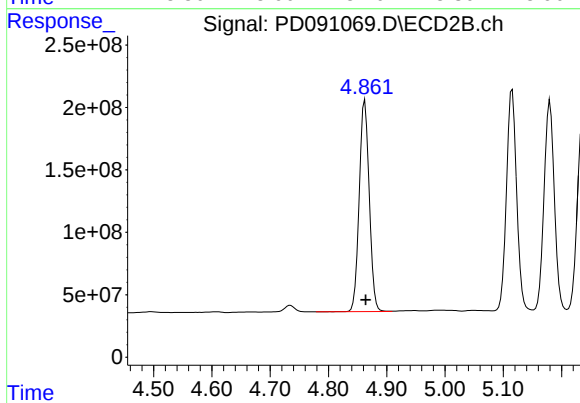
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 2361383030
Conc: 49.49 ng/ml



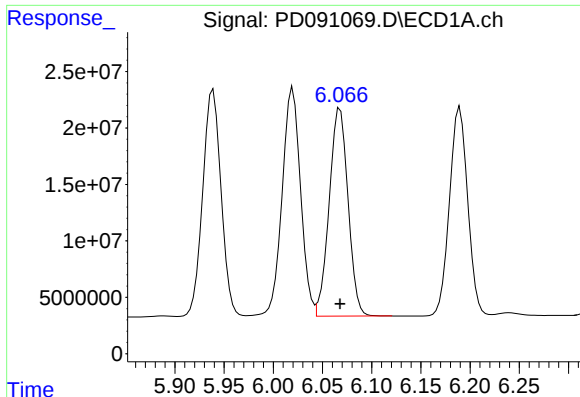
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 261018743
Conc: 45.09 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 2023738408
Conc: 47.46 ng/ml



#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 245737190
Conc: 44.38 ng/ml

Instrument :

ECD_D

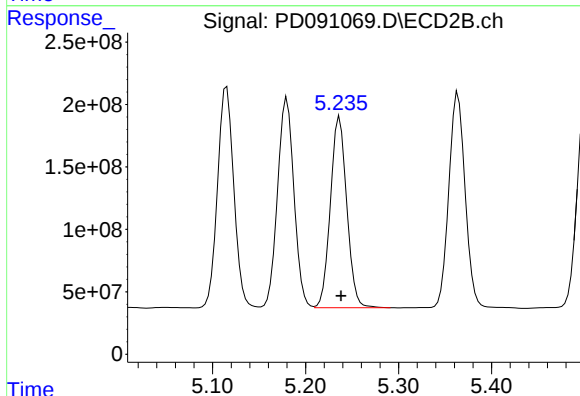
ClientSampleId :

PSTDCCC050

Manual Integrations

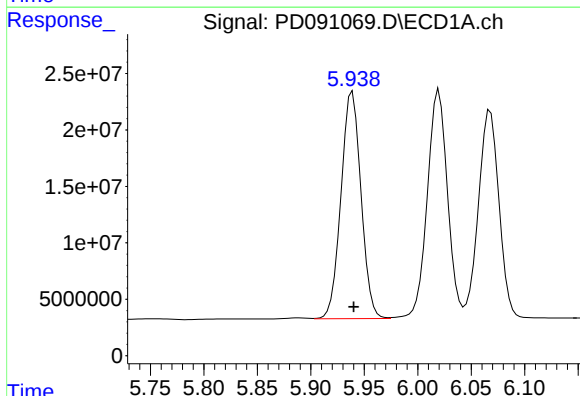
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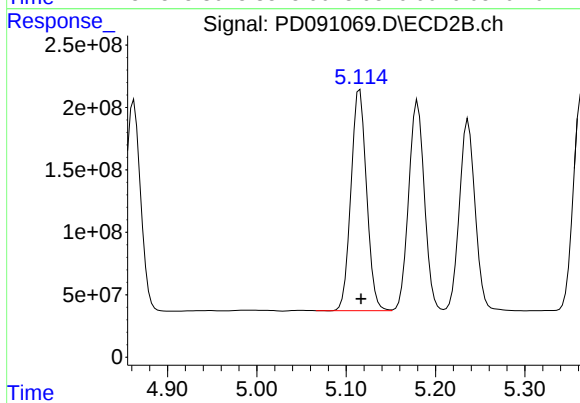
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1872829990
Conc: 47.55 ng/ml



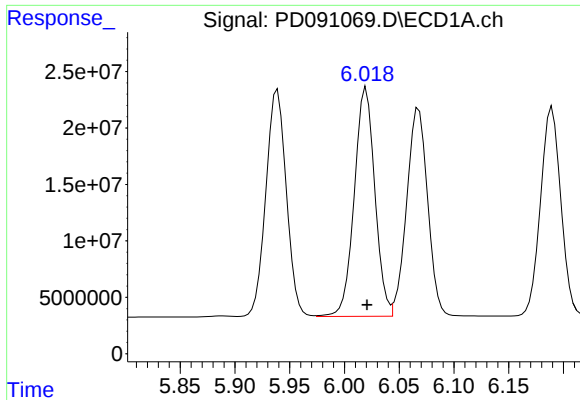
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 261738447
Conc: 44.13 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 2149828147
Conc: 47.83 ng/ml



#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 265093020
Conc: 42.89 ng/ml

Instrument :

ECD_D

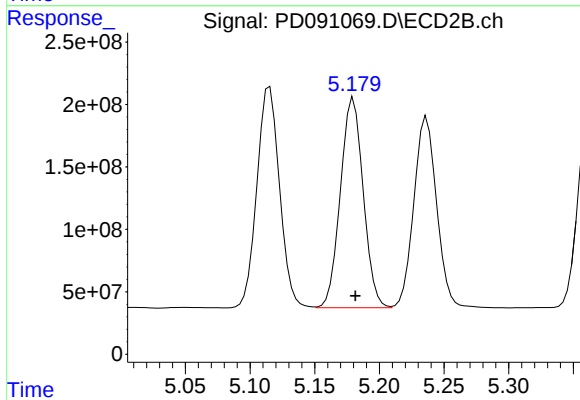
ClientSampleId :

PSTDCCC050

Manual Integrations

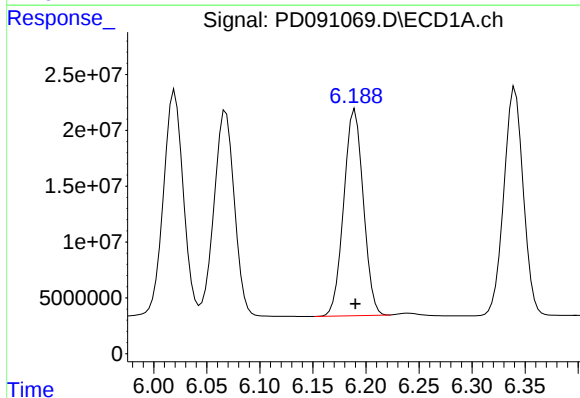
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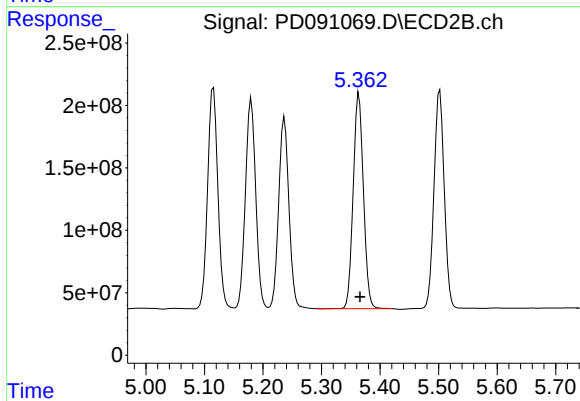
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 2060005061
Conc: 47.75 ng/ml



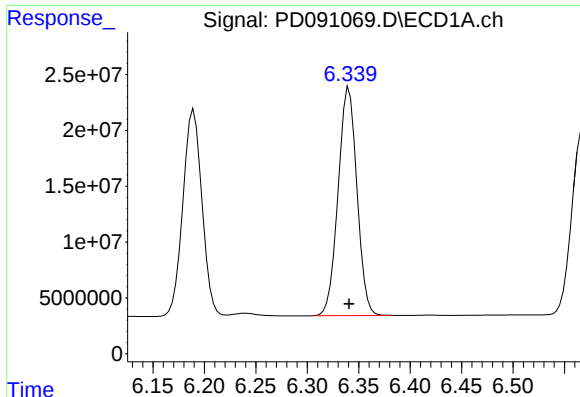
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 236555930
Conc: 44.41 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 2094081924
Conc: 47.77 ng/ml



#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 259938380
Conc: 44.58 ng/ml

Instrument :

ECD_D

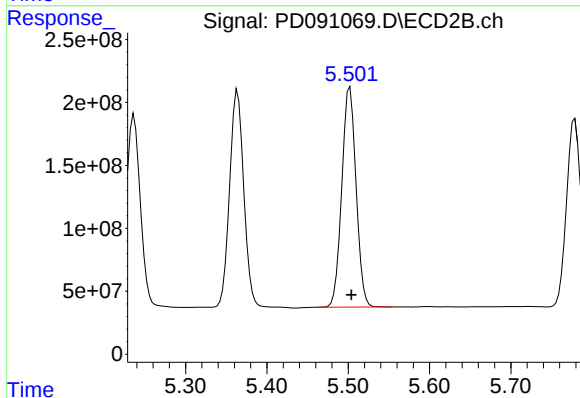
ClientSampleId :

PSTDCCC050

Manual Integrations

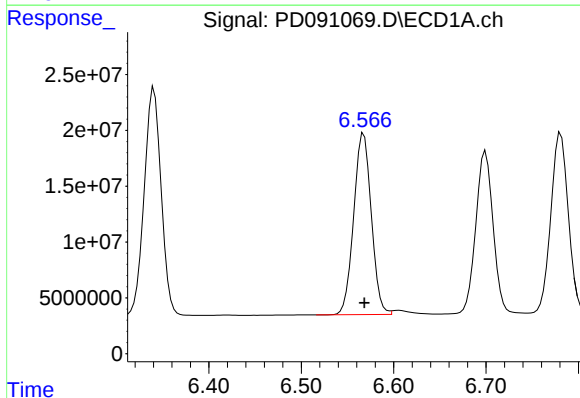
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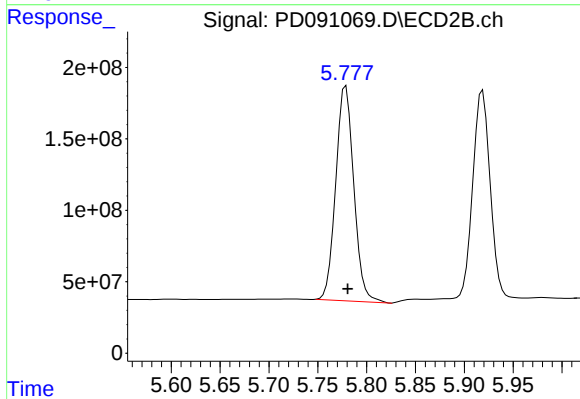
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 2126325623
Conc: 48.12 ng/ml



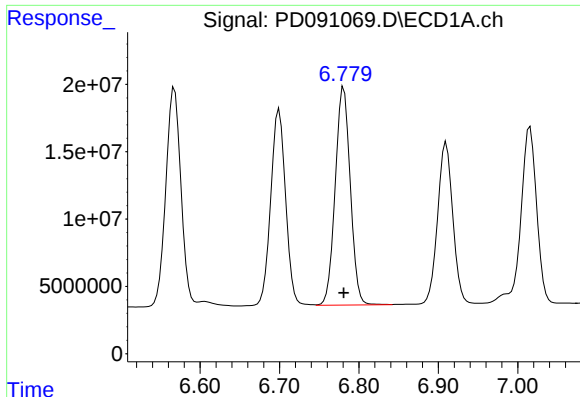
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 215012037
Conc: 43.40 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 1937260766
Conc: 47.84 ng/ml



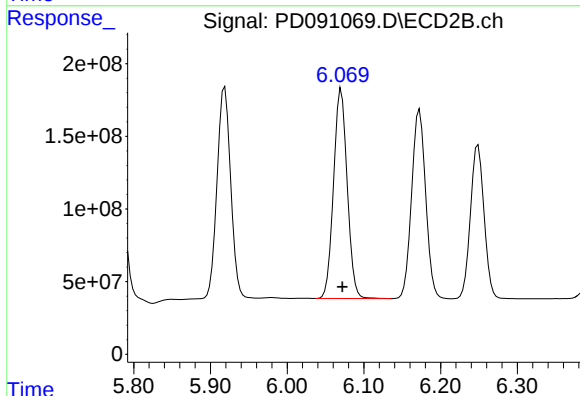
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 213775837
Conc: 42.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

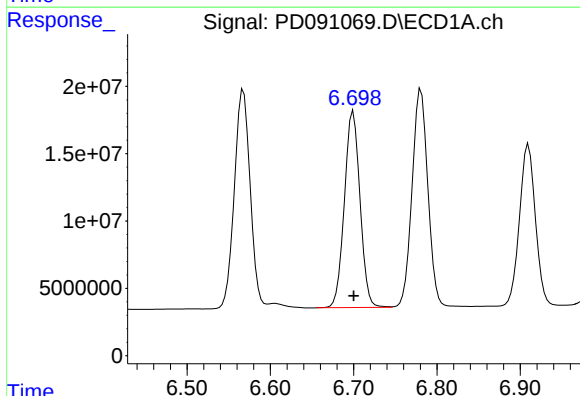
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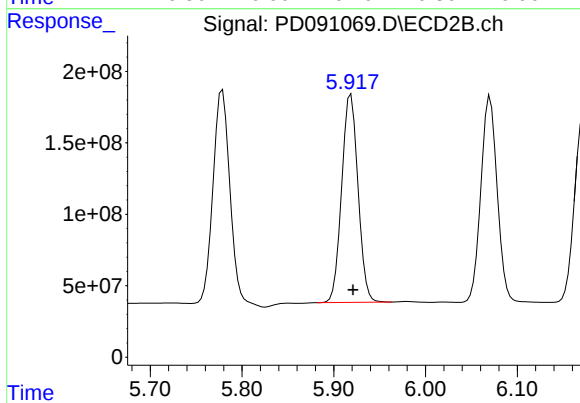
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 1783429872
Conc: 47.49 ng/ml



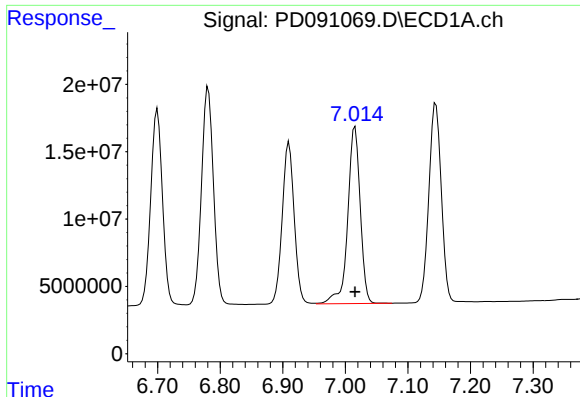
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 189612229
Conc: 46.77 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1797639408
Conc: 49.33 ng/ml



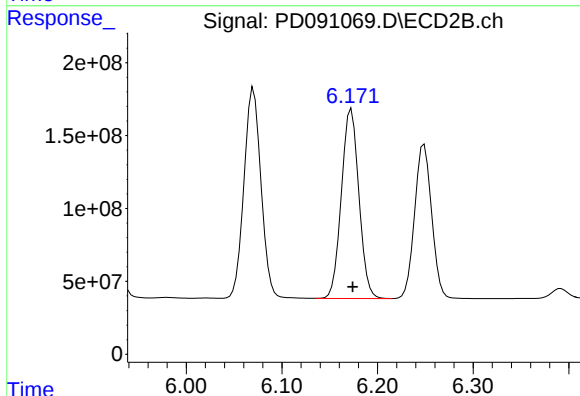
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 182888193
Conc: 44.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

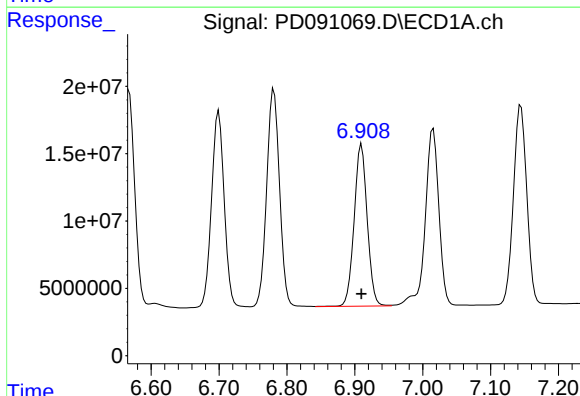
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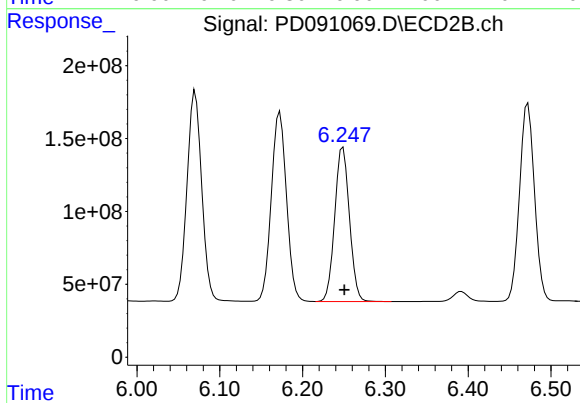
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 1658283668
Conc: 47.28 ng/ml



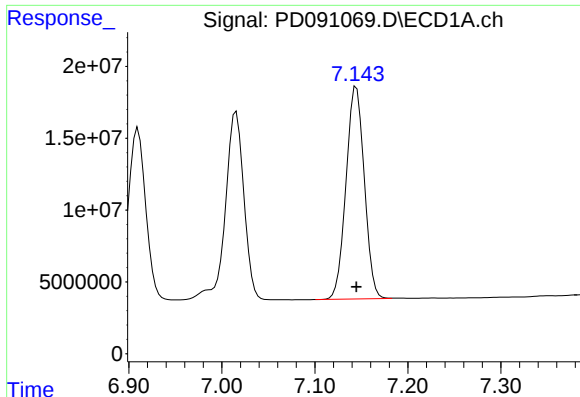
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 161128517
Conc: 43.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 1307090238
Conc: 47.20 ng/ml



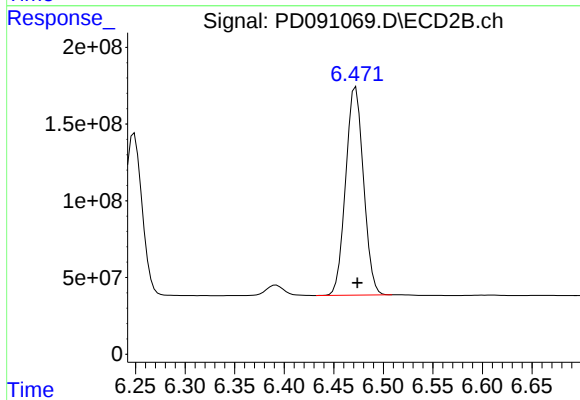
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 202046420
Conc: 43.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

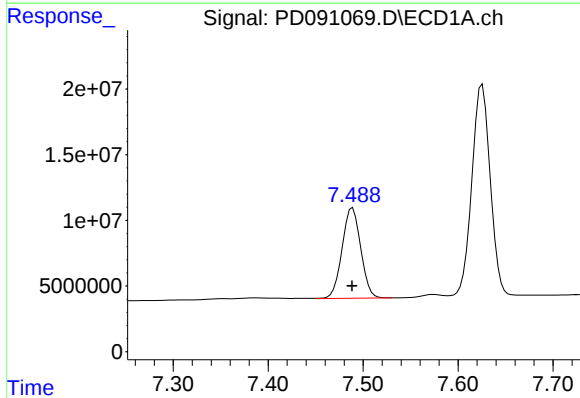
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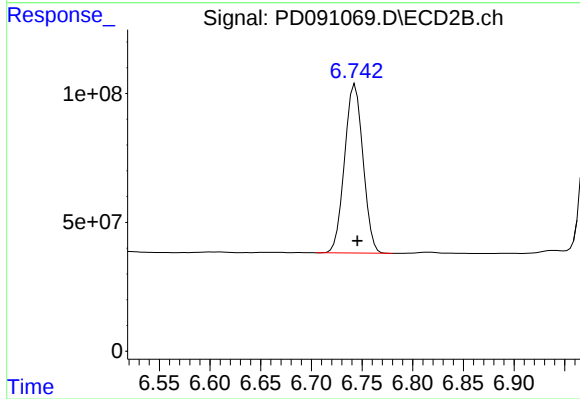
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1700736316
Conc: 47.45 ng/ml



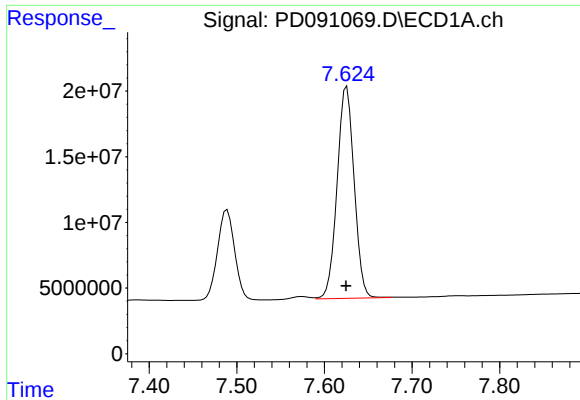
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 93782134
Conc: 44.12 ng/ml



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 828799234
Conc: 47.56 ng/ml



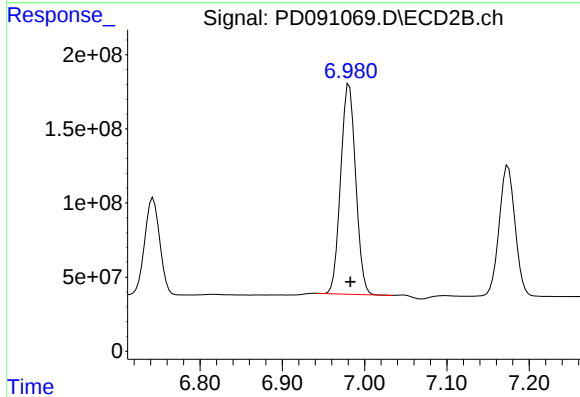
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 217704789
Conc: 44.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

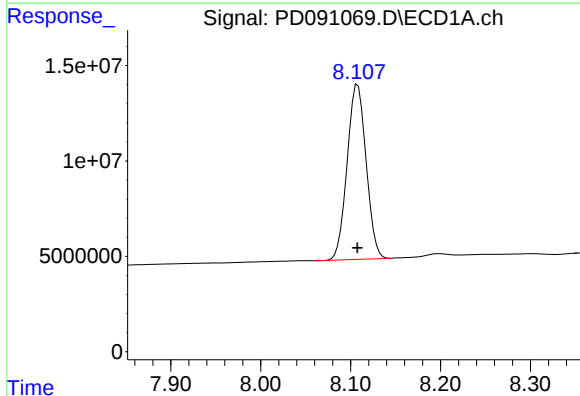
Manual Integrations
APPROVED

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



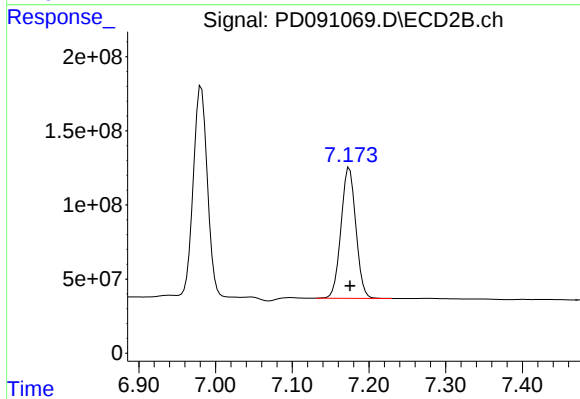
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.001 min
Response: 1798898636
Conc: 47.69 ng/ml



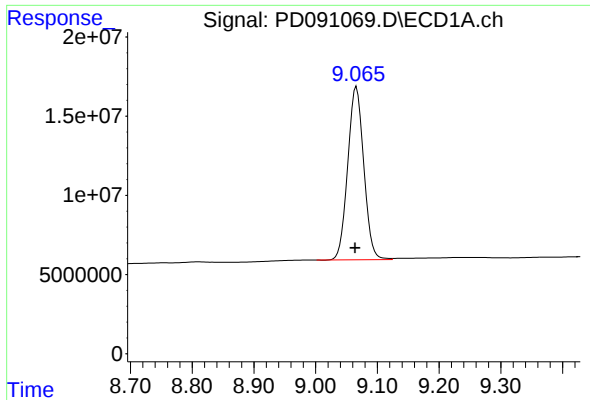
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 134397149
Conc: 41.99 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 1186689553
Conc: 46.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 197320874
Conc: 42.18 ng/ml

Instrument :

ECD_D

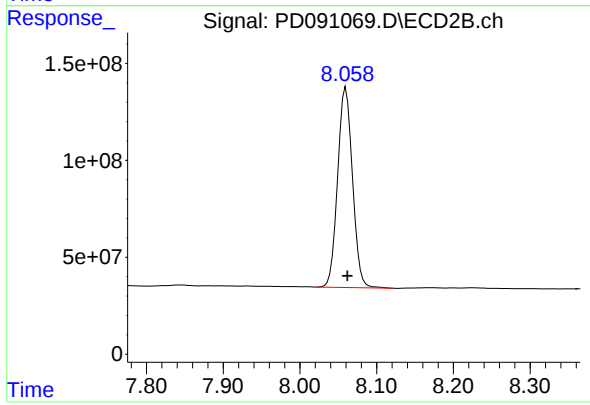
ClientSampleId :

PSTDCCC050

Manual Integrations

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Supervised By :Yogesh Patel 11/12/2025



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 1388186931
Conc: 45.83 ng/ml