

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121525\
 Data File : PD091582.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2025 11:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/16/2025
 Supervised By : Yogesh Patel 12/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 01:10:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 04:29:17 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	2.869	156.9E6	1937.0E6	45.166	49.160
28)	SA Decachlor...	9.062	8.056	234.5E6	2243.9E6	45.114	54.186
Target Compounds							
2)	A alpha-BHC	3.993	3.381	378.6E6	3414.4E6	47.025	50.083
3)	MA gamma-BHC...	4.324	3.717	353.3E6	3142.0E6	47.007	55.879
4)	MA Heptachlor	4.920	4.069	344.4E6	3019.3E6	48.520m	51.804
5)	MB Aldrin	5.263	4.355	340.4E6	3068.5E6	48.920	52.918
6)	B beta-BHC	4.512	4.014	134.4E6	1286.1E6	46.543	53.679
7)	B delta-BHC	4.760	4.250	352.3E6	3175.0E6	58.886	53.017
8)	B Heptachlo...	5.683	4.858	301.8E6	2741.2E6	48.731	54.177
9)	A Endosulfan I	6.067	5.233	288.8E6	2620.0E6	47.268	53.481
10)	B gamma-Chl...	5.939	5.111	310.0E6	3031.7E6	48.614	54.311
11)	B alpha-Chl...	6.019	5.176	307.6E6	2891.0E6	45.804	53.987
12)	B 4,4'-DDE	6.189	5.360	276.3E6	2923.1E6	47.568	53.334
13)	MA Dieldrin	6.339	5.498	308.8E6	2958.0E6	47.465	53.331
14)	MA Endrin	6.566	5.774	258.3E6	2598.7E6	46.049	49.709
15)	B Endosulfa...	6.780	6.066	265.0E6	2525.3E6	43.584	53.599
16)	A 4,4'-DDD	6.699	5.915	219.3E6	2433.9E6	47.642	53.507
17)	MA 4,4'-DDT	7.015	6.168	230.5E6	2539.5E6	44.709	53.577
18)	B Endrin al...	6.908	6.245	193.6E6	1896.3E6	46.343	53.130
19)	B Endosulfa...	7.143	6.468	243.0E6	2477.1E6	46.032	53.740
20)	A Methoxychlor	7.488	6.739	117.4E6	1186.7E6	43.690	50.289
21)	B Endrin ke...	7.624	6.977	261.4E6	2685.1E6	46.401	55.200
22)	Mirex	8.106	7.169	170.9E6	1822.4E6	46.001	55.602

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121525\
Data File : PD091582.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Dec 2025 11:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

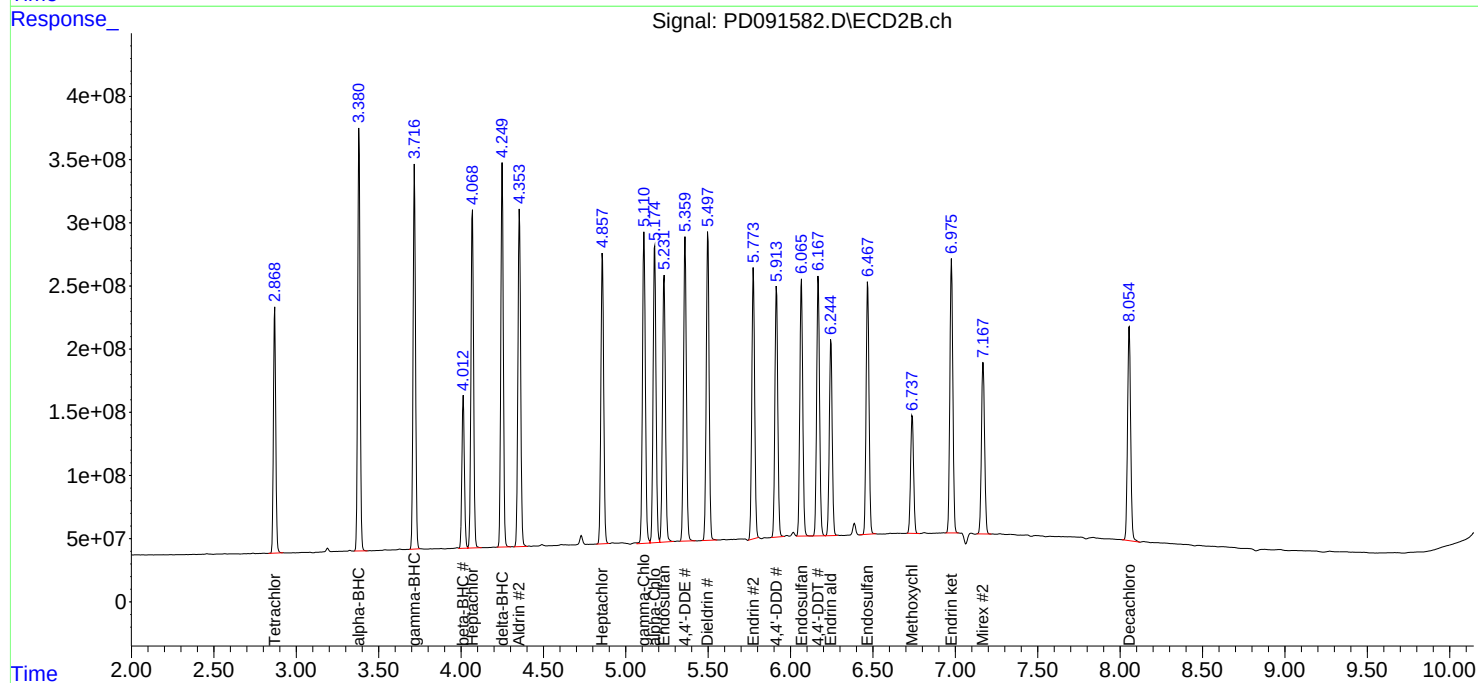
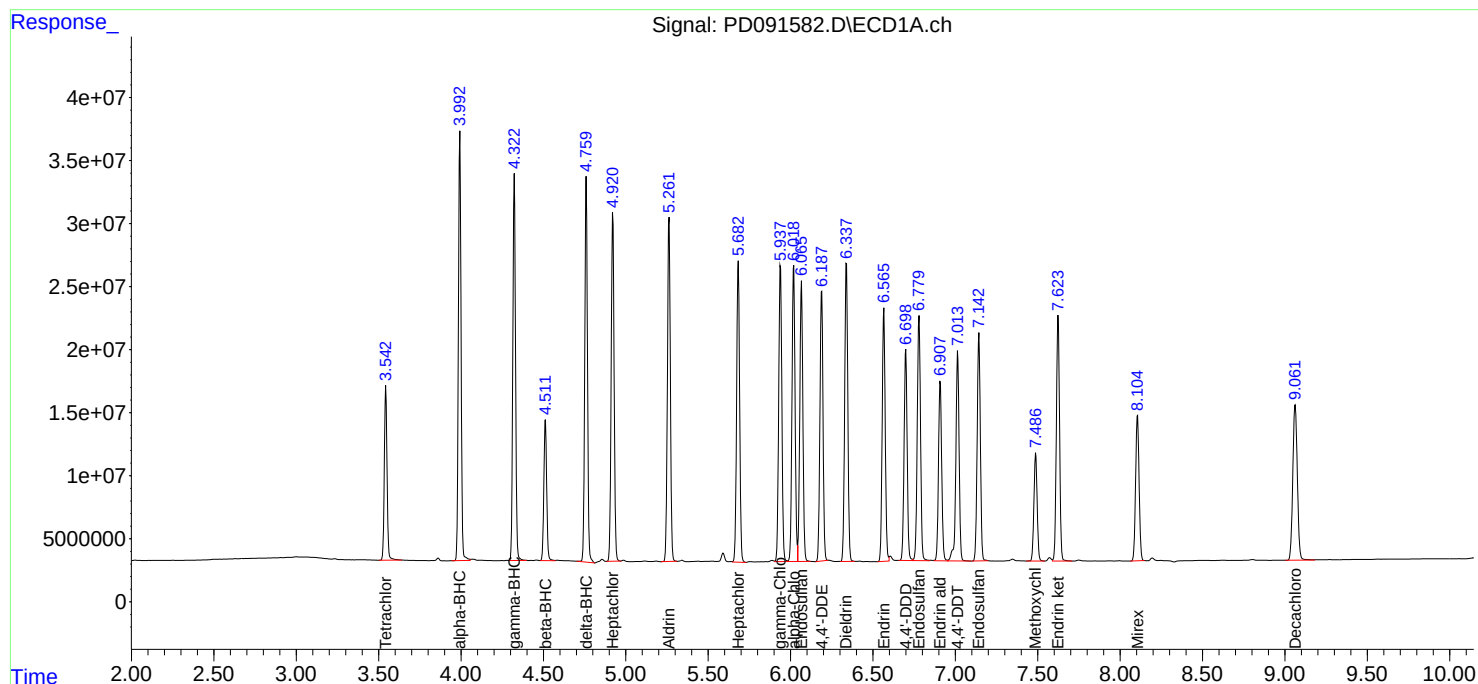
Manual Integrations

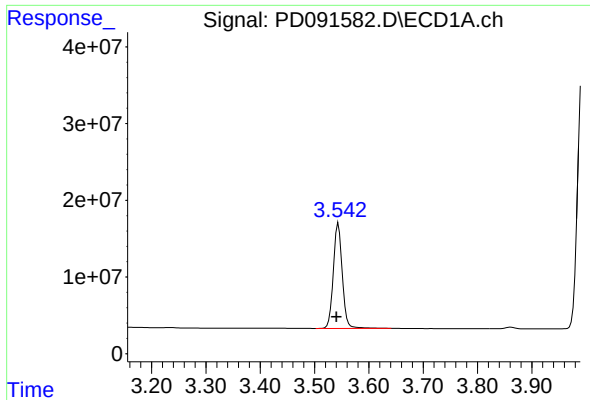
APPROVED

Reviewed By :Abdul Mirza 12/16/2025
Supervised By :Yogesh Patel 12/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 16 01:10:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 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





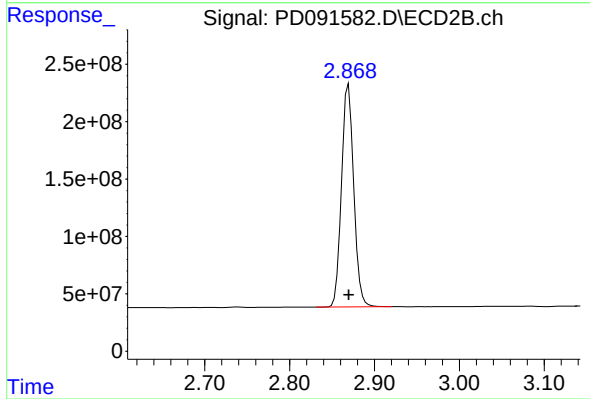
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.004 min
Response: 156876434
Conc: 45.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

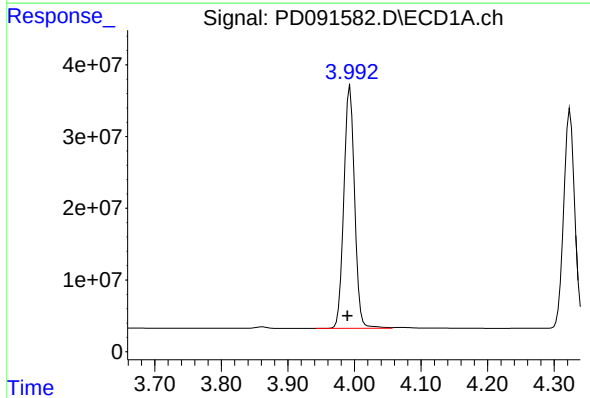
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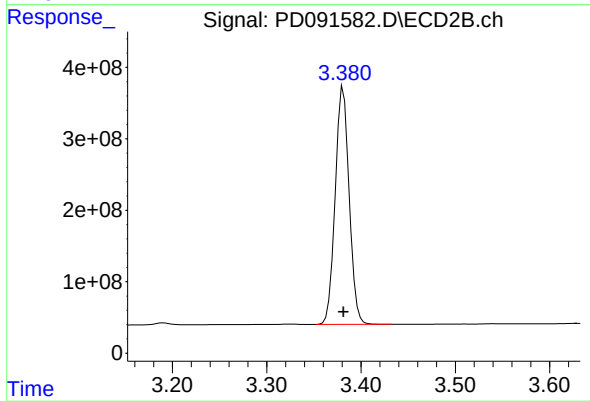
#1 Tetrachloro-m-xylene

R.T.: 2.869 min
Delta R.T.: 0.000 min
Response: 1937047336
Conc: 49.16 ng/ml



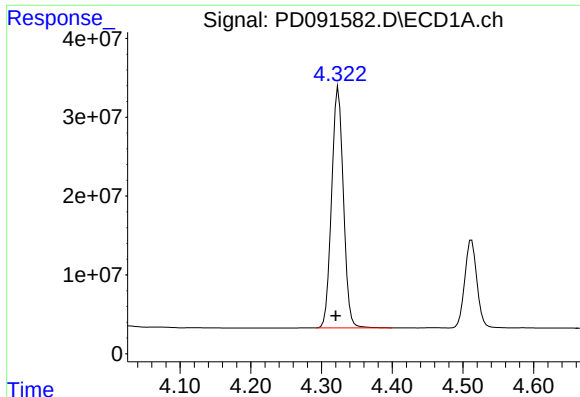
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.004 min
Response: 378595592
Conc: 47.03 ng/ml



#2 alpha-BHC

R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 3414365954
Conc: 50.08 ng/ml



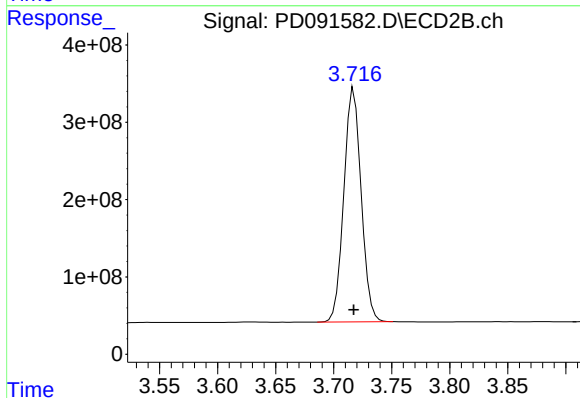
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.004 min
Response: 353292208
Conc: 47.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

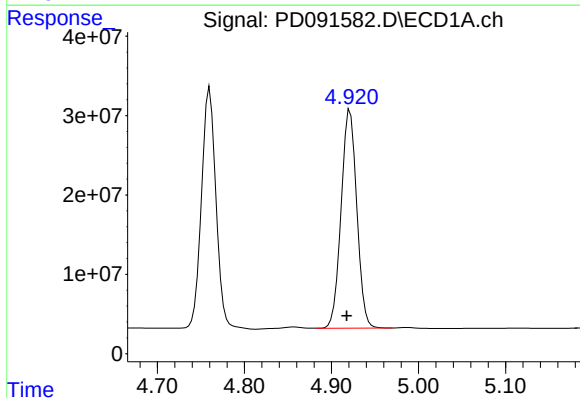
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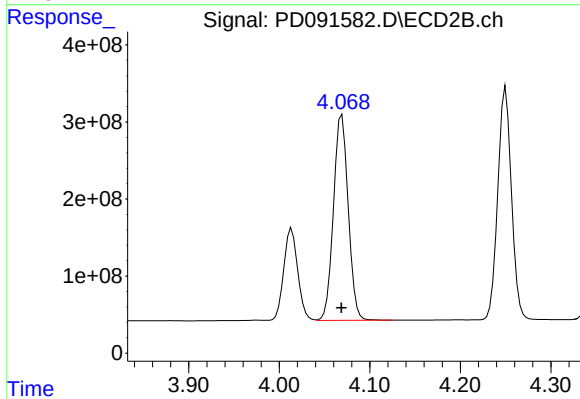
#3 gamma-BHC (Lindane)

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 3142026220
Conc: 55.88 ng/ml



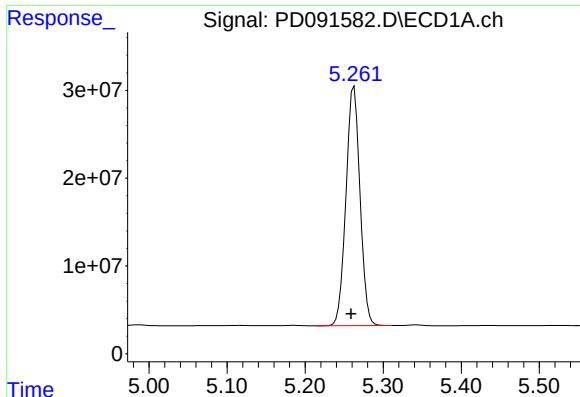
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.002 min
Response: 344436616
Conc: 48.52 ng/ml m



#4 Heptachlor

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 3019318186
Conc: 51.80 ng/ml



#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.004 min
Response: 340377448
Conc: 48.92 ng/ml

Instrument :

ECD_D

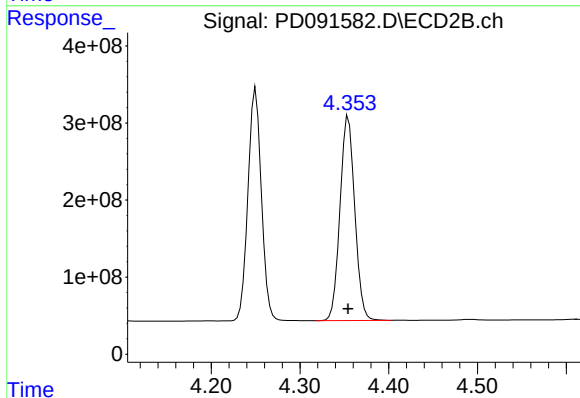
ClientSampleId :

PSTDCCC050

Manual Integrations

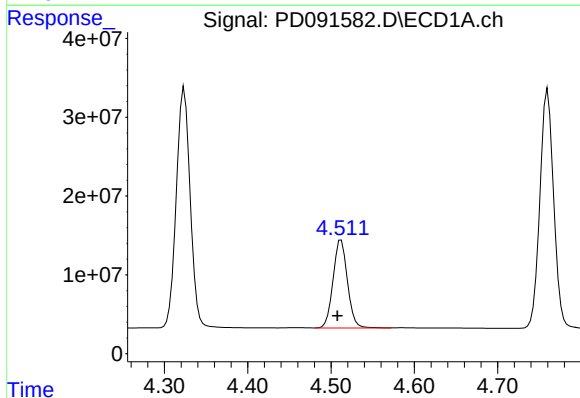
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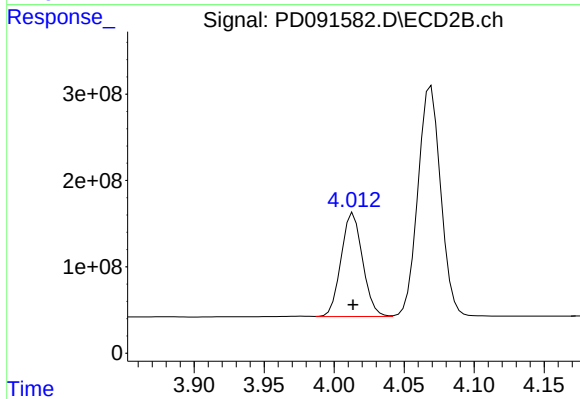
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 3068537256
Conc: 52.92 ng/ml



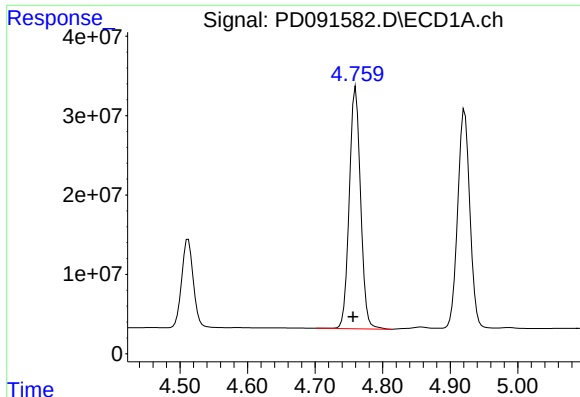
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.004 min
Response: 134373087
Conc: 46.54 ng/ml



#6 beta-BHC

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1286099837
Conc: 53.68 ng/ml



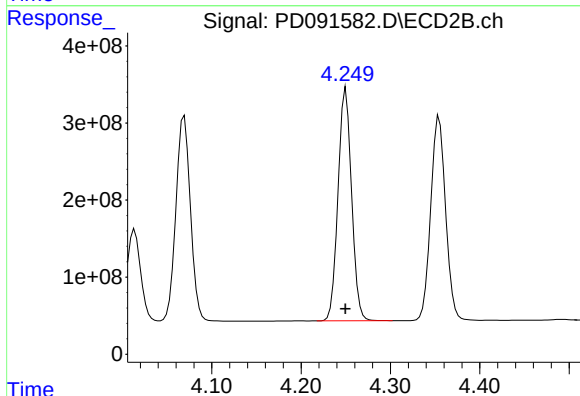
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.004 min
Response: 352271889
Conc: 58.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

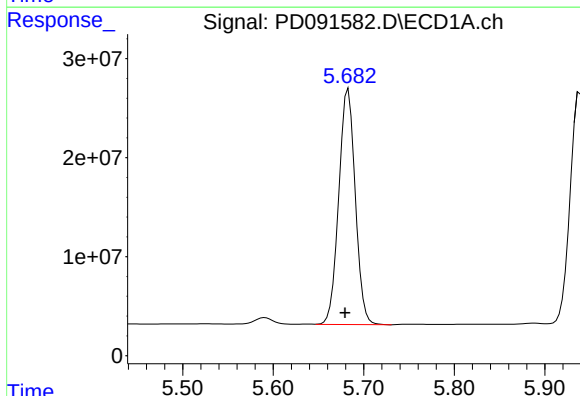
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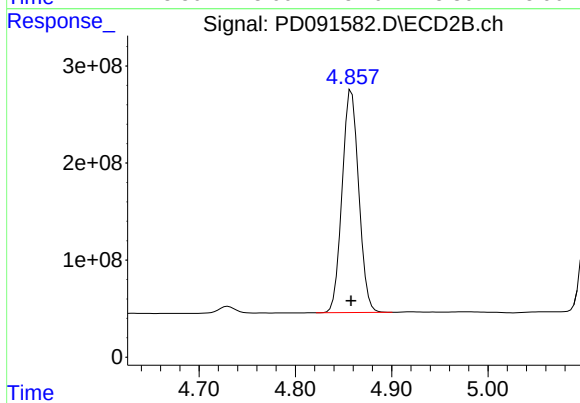
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 3175035837
Conc: 53.02 ng/ml



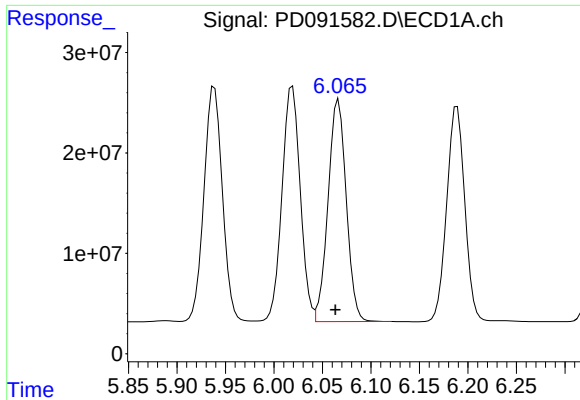
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.004 min
Response: 301755278
Conc: 48.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 2741170068
Conc: 54.18 ng/ml



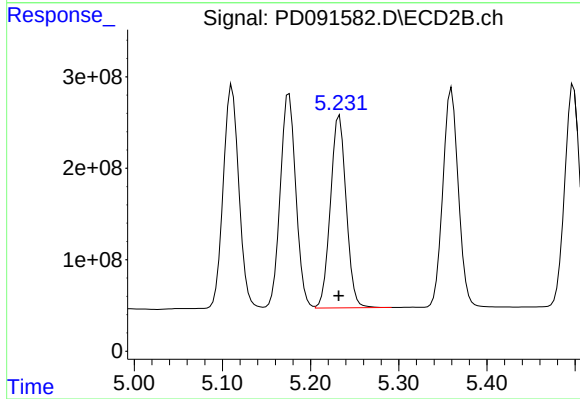
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.003 min
Response: 288799021
Conc: 47.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

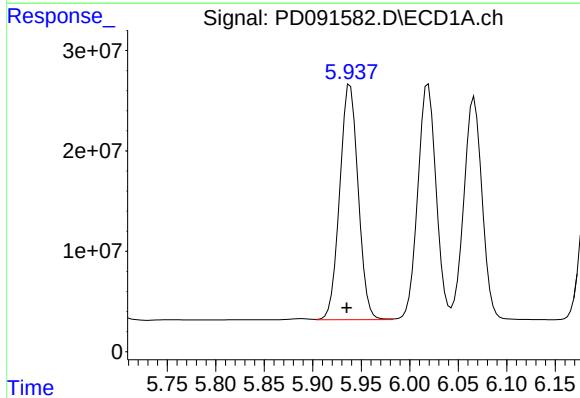
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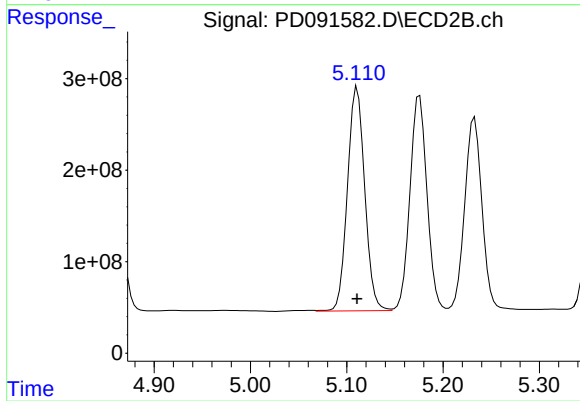
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 2619976334
Conc: 53.48 ng/ml



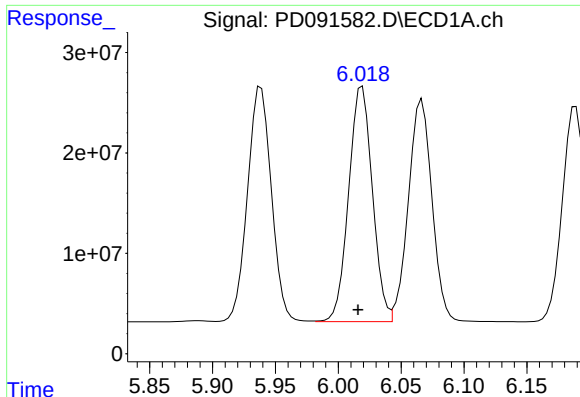
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.003 min
Response: 310010262
Conc: 48.61 ng/ml



#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 3031701961
Conc: 54.31 ng/ml



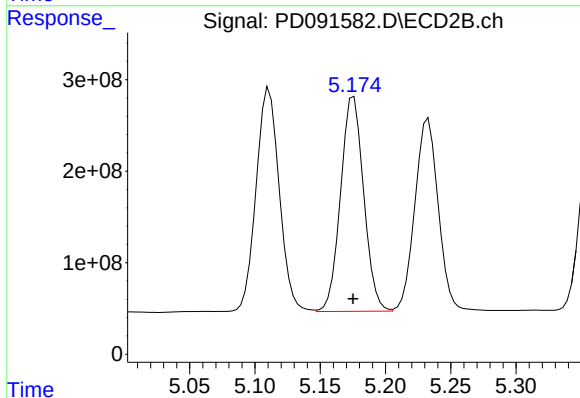
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.003 min
Response: 307631997
Conc: 45.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

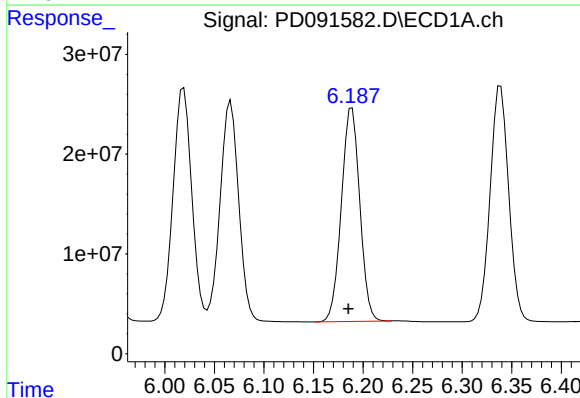
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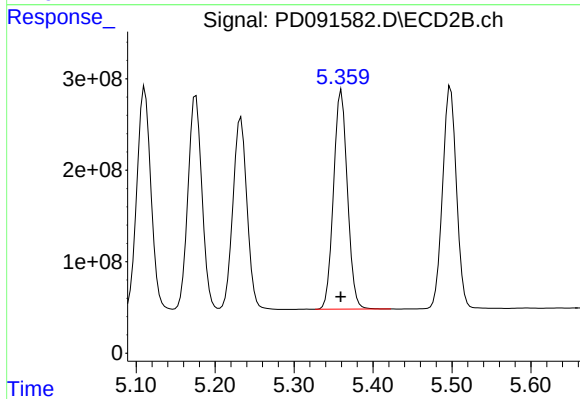
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 2891043279
Conc: 53.99 ng/ml



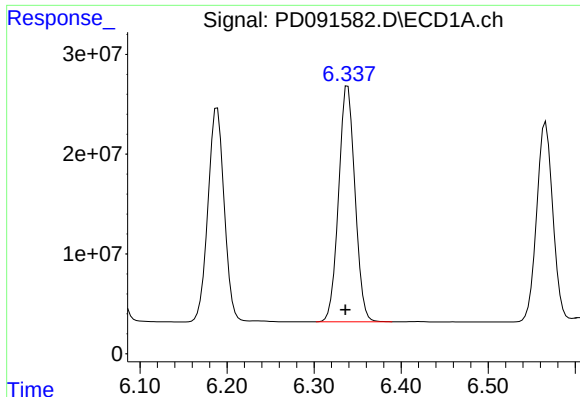
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.004 min
Response: 276342999
Conc: 47.57 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 2923090356
Conc: 53.33 ng/ml



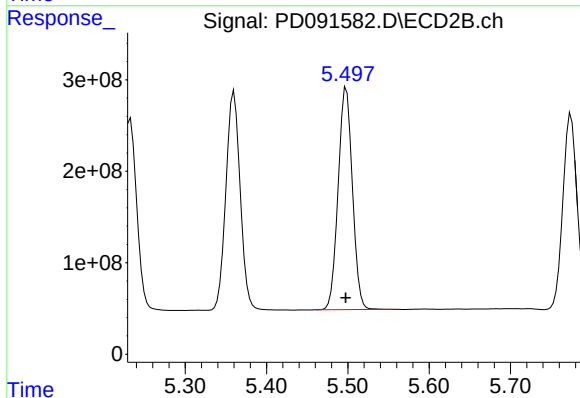
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: 0.003 min
Response: 308842799
Conc: 47.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

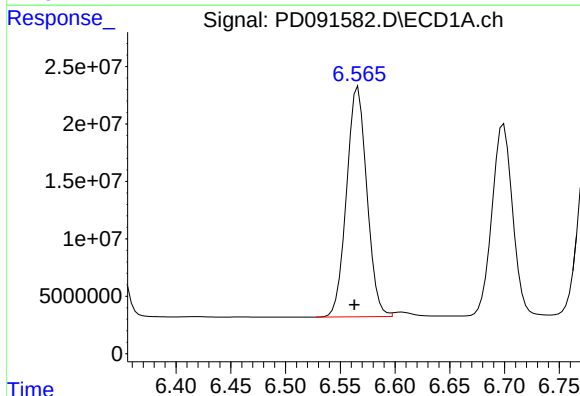
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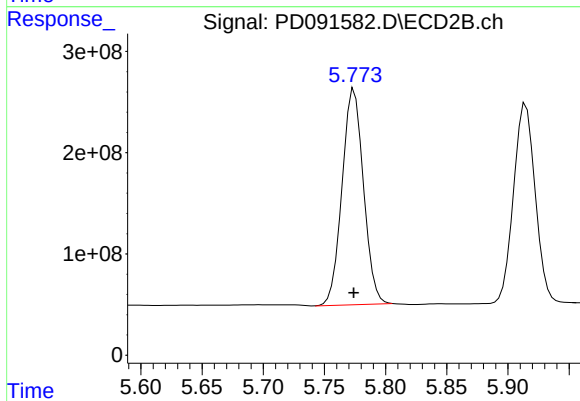
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 2957960572
Conc: 53.33 ng/ml



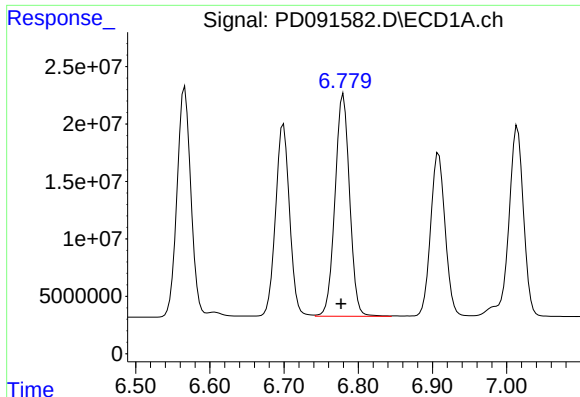
#14 Endrin

R.T.: 6.566 min
Delta R.T.: 0.003 min
Response: 258253240
Conc: 46.05 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 2598673332
Conc: 49.71 ng/ml



#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: 0.003 min
Response: 265026149
Conc: 43.58 ng/ml

Instrument :

ECD_D

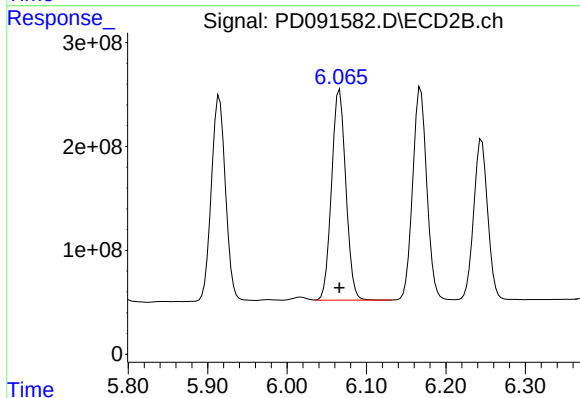
ClientSampleId :

PSTDCCC050

Manual Integrations

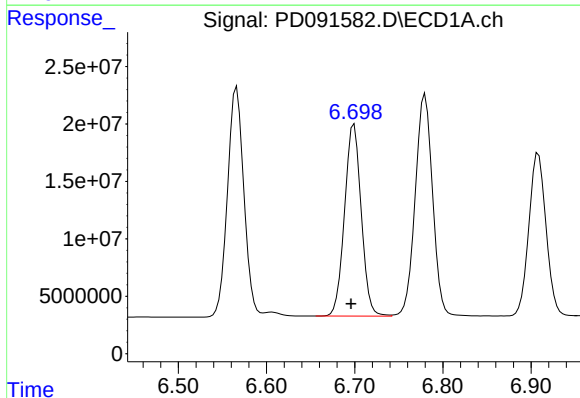
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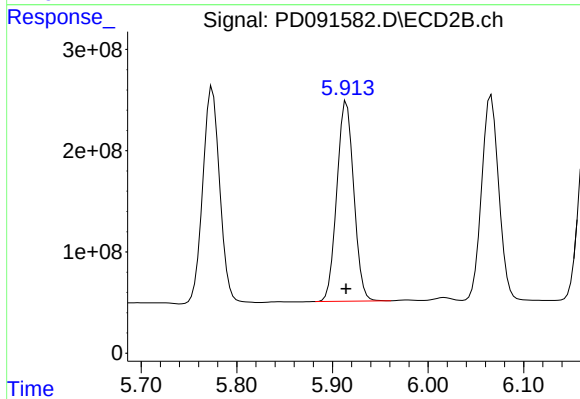
#15 Endosulfan II

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 2525267475
Conc: 53.60 ng/ml



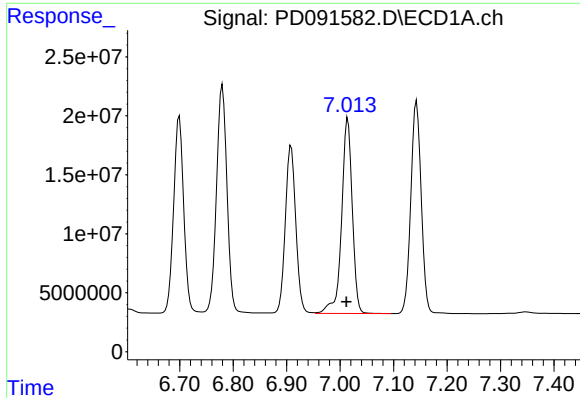
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.003 min
Response: 219289208
Conc: 47.64 ng/ml



#16 4,4'-DDD

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 2433880922
Conc: 53.51 ng/ml



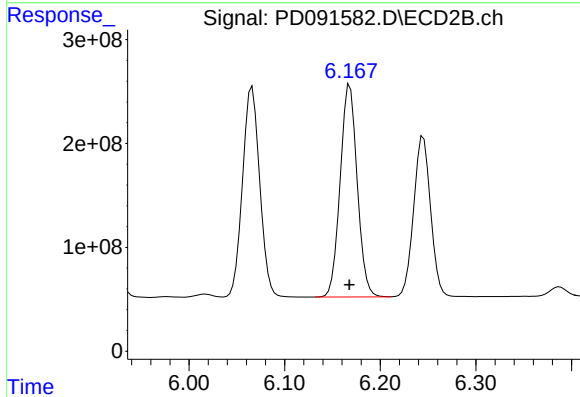
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.003 min
Response: 230542601
Conc: 44.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

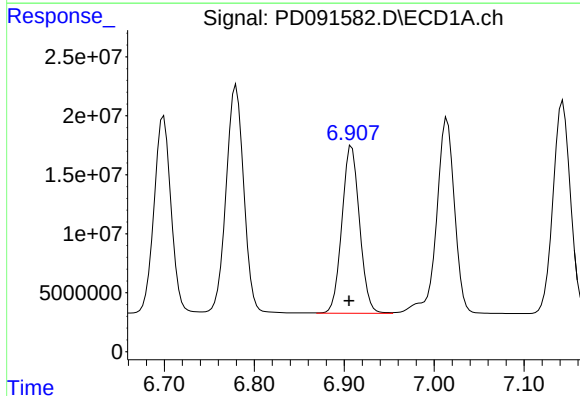
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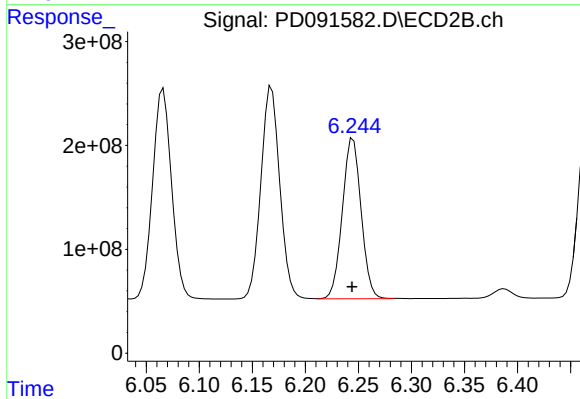
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 2539466172
Conc: 53.58 ng/ml



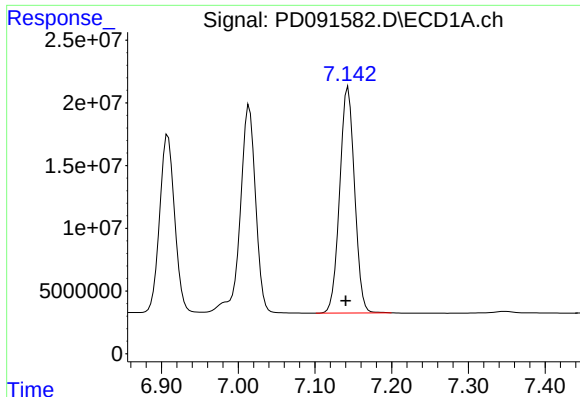
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: 0.003 min
Response: 193590970
Conc: 46.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: 0.000 min
Response: 1896253919
Conc: 53.13 ng/ml



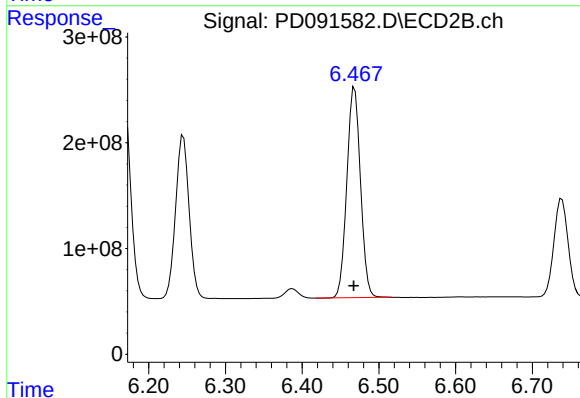
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: 0.003 min
Response: 243014868
Conc: 46.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

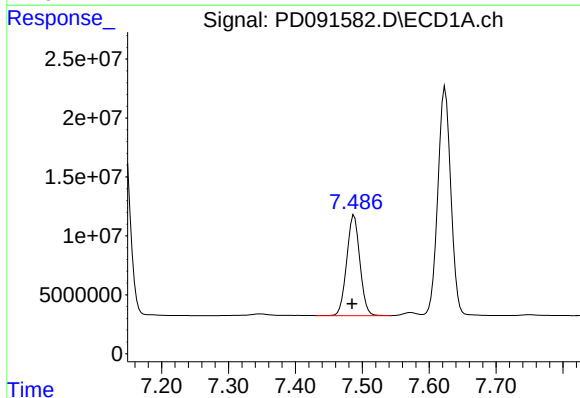
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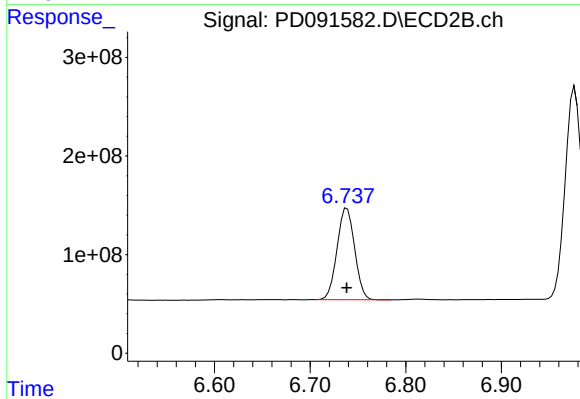
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 2477063137
Conc: 53.74 ng/ml



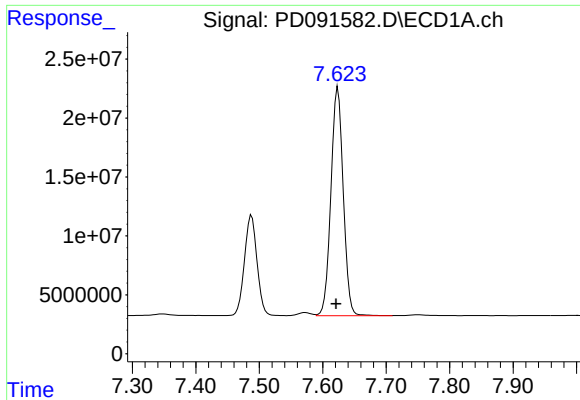
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.003 min
Response: 117439251
Conc: 43.69 ng/ml



#20 Methoxychlor

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 1186732435
Conc: 50.29 ng/ml



#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.003 min
Response: 261417807
Conc: 46.40 ng/ml

Instrument :

ECD_D

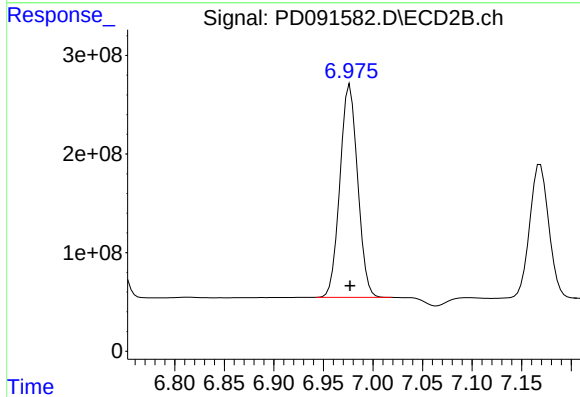
ClientSampleId :

PSTDCCC050

Manual Integrations

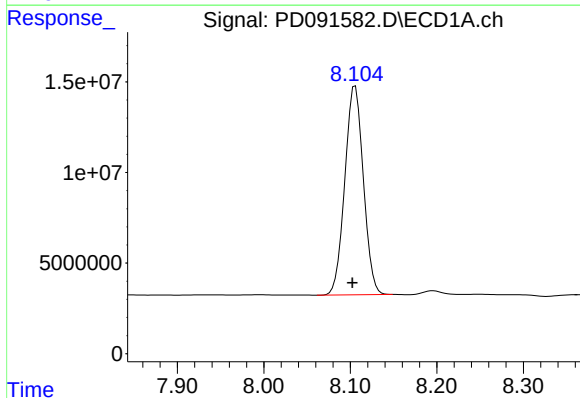
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Reviewed By :Abdul Mirza 12/16/2025
Supervised By :Yogesh Patel 12/16/2025



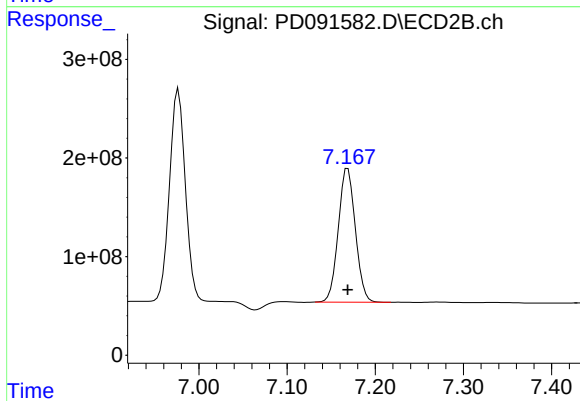
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 2685069439
Conc: 55.20 ng/ml



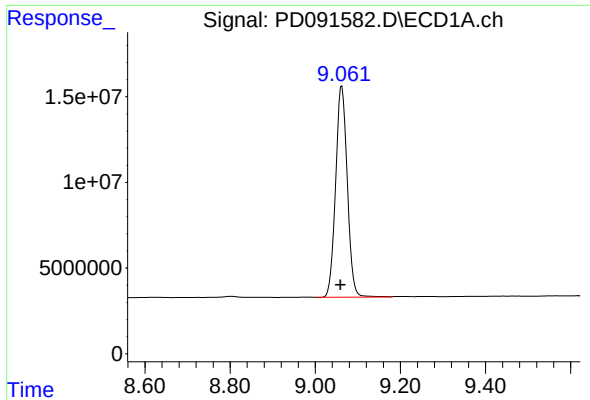
#22 Mirex

R.T.: 8.106 min
Delta R.T.: 0.003 min
Response: 170914558
Conc: 46.00 ng/ml



#22 Mirex

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 1822366895
Conc: 55.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.003 min
Response: 234504275
Conc: 45.11 ng/ml

Instrument :

ECD_D

ClientSampleId :

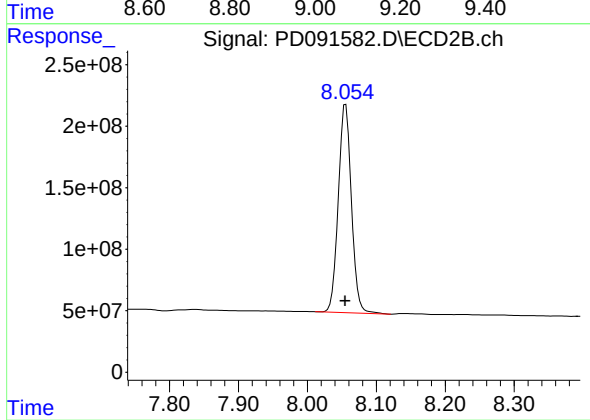
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 12/16/2025

Supervised By :Yogesh Patel 12/16/2025



#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: 0.000 min
Response: 2243880830
Conc: 54.19 ng/ml