

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
 Data File : PD091335.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 12:32
 Operator : AR\AJ
 Sample : PB170651BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170651BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/26/2025
 Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 00:46:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.546	2.871	63423733	732.0E6	18.391	19.984
2)	SA Decachlor...	9.065	8.056	95642163	851.5E6	19.198	21.517
Target Compounds							
2)	A alpha-BHC	3.995	3.383	389.2E6	3287.7E6	48.681	52.018
3)	MA gamma-BHC...	4.326	3.719	371.2E6	3072.0E6	49.668	53.129
4)	MA Heptachlor	4.923	4.071	353.8E6	2921.0E6	49.406	52.908
5)	MB Aldrin	5.264	4.356	365.9E6	3097.3E6	50.430	54.859
6)	B beta-BHC	4.514	4.016	138.3E6	1256.0E6	47.585	52.276
7)	B delta-BHC	4.762	4.251	337.7E6	2836.4E6	45.437	48.504
8)	B Heptachlo...	5.685	4.860	323.0E6	2741.4E6	49.722	53.797
9)	A Endosulfan I	6.068	5.234	304.2E6	2450.4E6	49.512	51.208
10)	B gamma-Chl...	5.940	5.113	324.3E6	2976.2E6	49.882	54.483
11)	B alpha-Chl...	6.021	5.178	322.2E6	2840.0E6	46.806	54.270
12)	B 4,4'-DDE	6.191	5.361	285.4E6	2983.5E6	49.210	55.827
13)	MA Dieldrin	6.341	5.500	325.1E6	2947.3E6	50.285	54.267
14)	MA Endrin	6.569	5.777	256.0E6	2643.6E6	51.575	58.496
15)	B Endosulfa...	6.780	6.068	271.4E6	2505.6E6	48.818m	53.675
16)	A 4,4'-DDD	6.701	5.916	247.3E6	2577.7E6	50.353	52.749
17)	MA 4,4'-DDT	7.016	6.170	218.8E6	2268.4E6	52.904	57.966
18)	B Endrin al...	6.911	6.246	219.5E6	2013.2E6	52.679	57.048
19)	B Endosulfa...	7.145	6.470	252.9E6	2438.0E6	49.160	54.377
20)	A Methoxychlor	7.489	6.741	112.1E6	1138.6E6	51.544	56.782
21)	B Endrin ke...	7.626	6.977	288.4E6	3028.4E6	51.195	59.432m
22)	Mirex	8.107	7.171	169.6E6	1755.4E6	47.693	52.970

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
Data File : PD091335.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 12:32
Operator : AR\AJ
Sample : PB170651BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170651BS

Manual Integrations

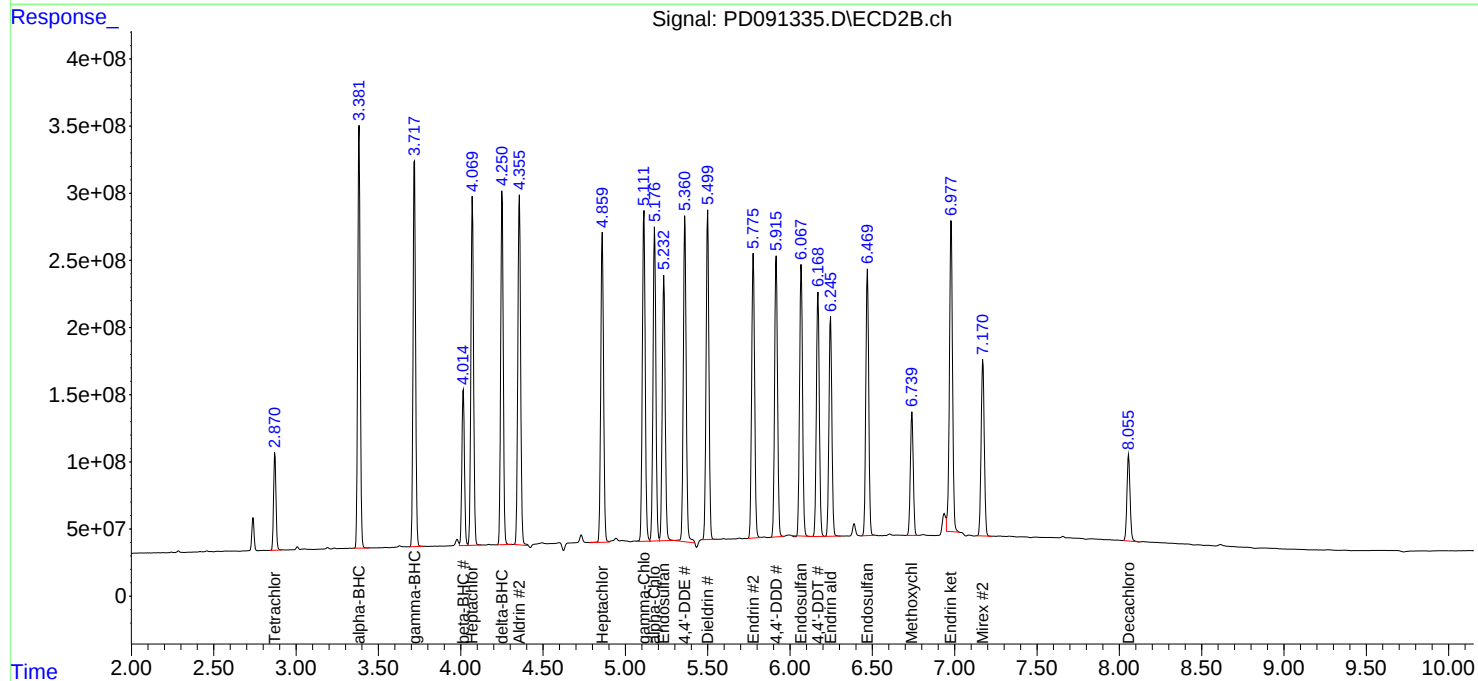
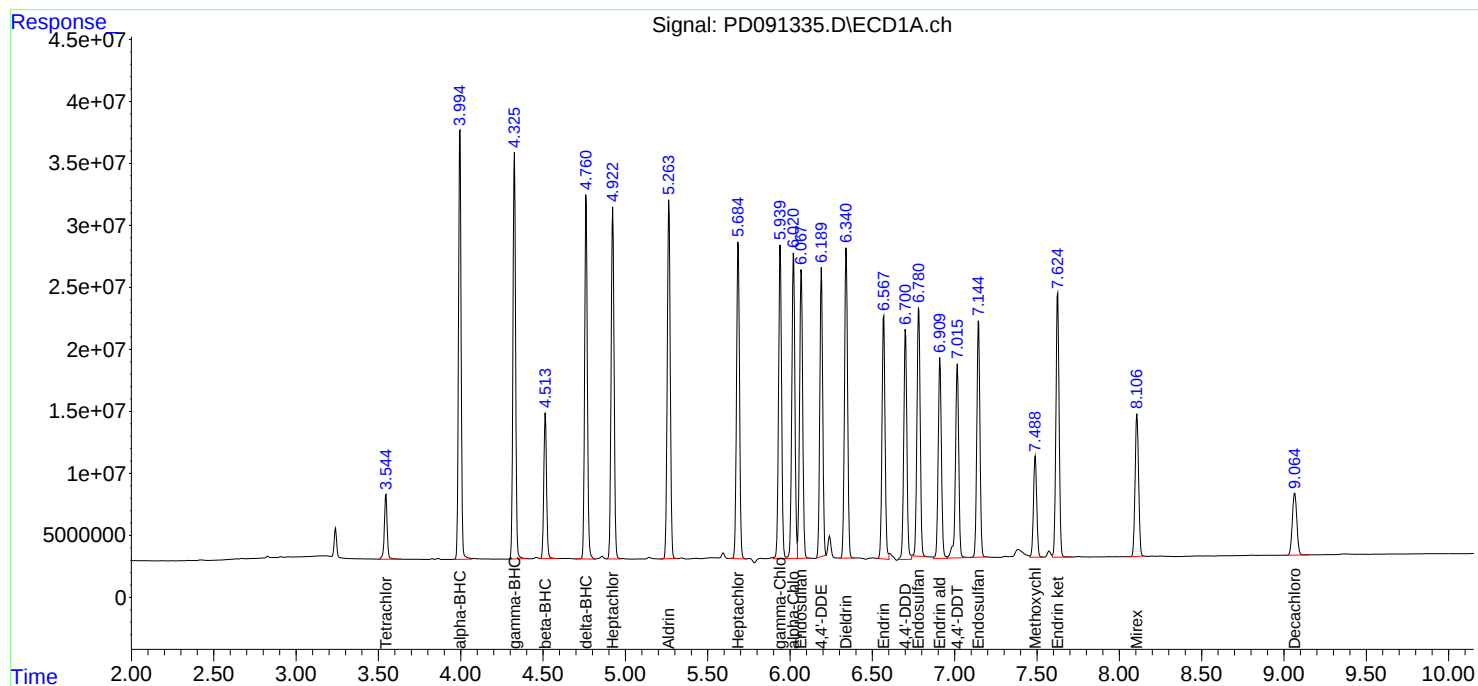
APPROVED

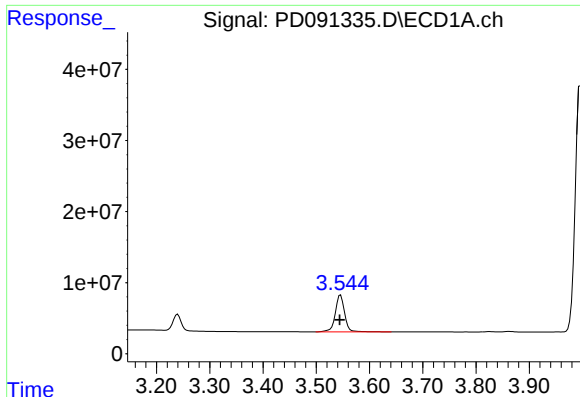
Reviewed By :Rahul Chavli 11/26/2025

Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 00:46:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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.: 3.546 min
Delta R.T.: 0.002 min
Response: 63423733
Conc: 18.39 ng/ml

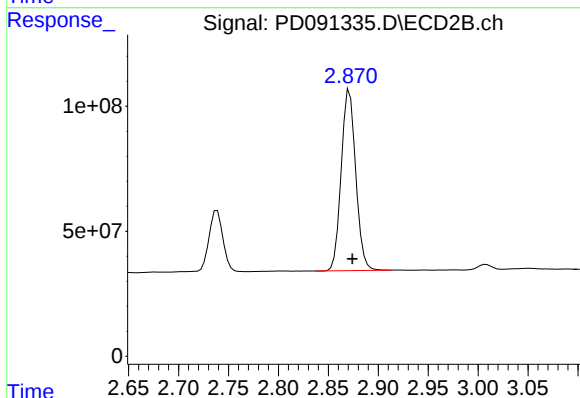
Instrument :

ECD_D

ClientSampleId :
PB170651BS

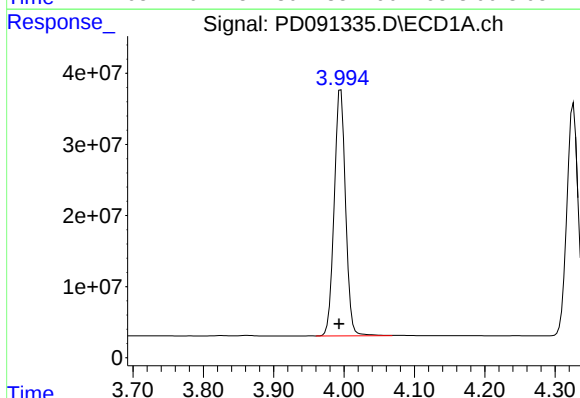
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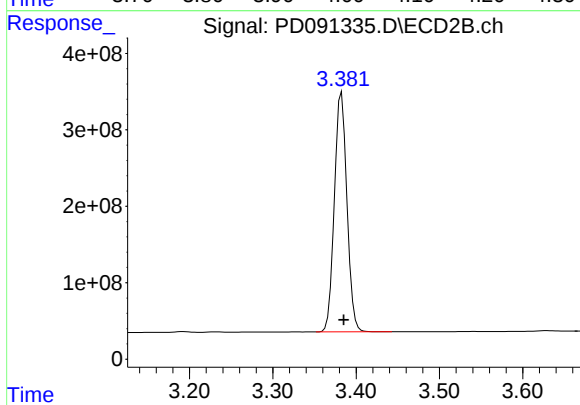
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 732012190
Conc: 19.98 ng/ml



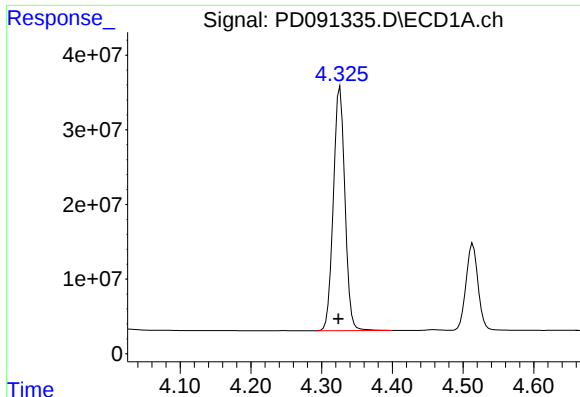
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.002 min
Response: 389228083
Conc: 48.68 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.003 min
Response: 3287678557
Conc: 52.02 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 371161941
Conc: 49.67 ng/ml

Instrument :

ECD_D

ClientSampleId :

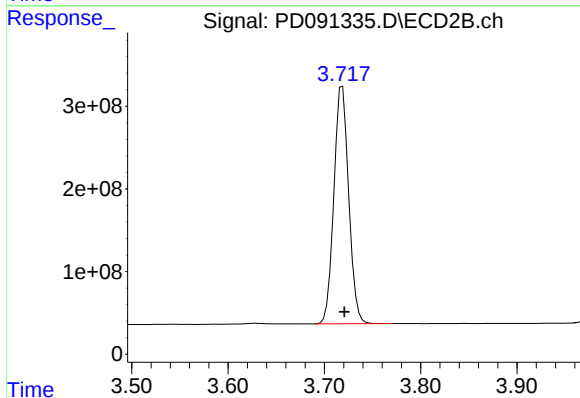
PB170651BS

Manual Integrations

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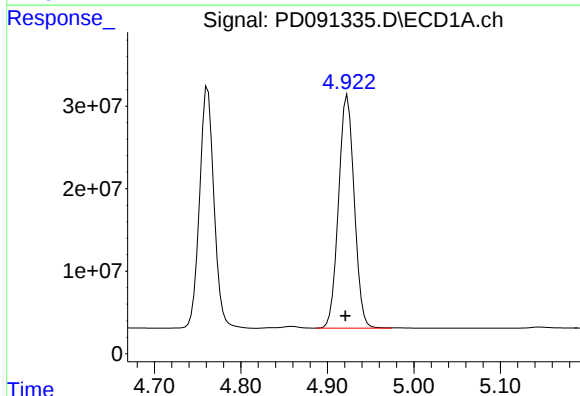
Reviewed By :Rahul Chavli 11/26/2025

Supervised By :mohammad ahmed 11/26/2025



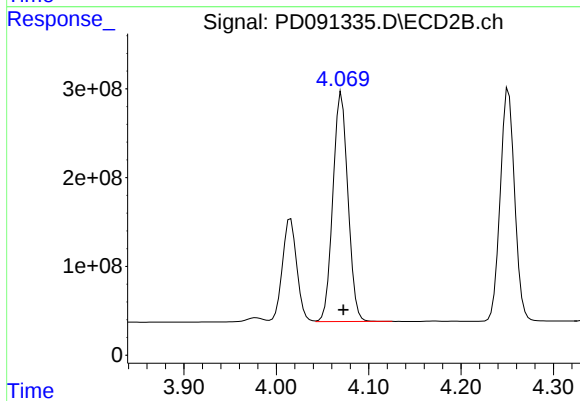
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 3071975954
Conc: 53.13 ng/ml



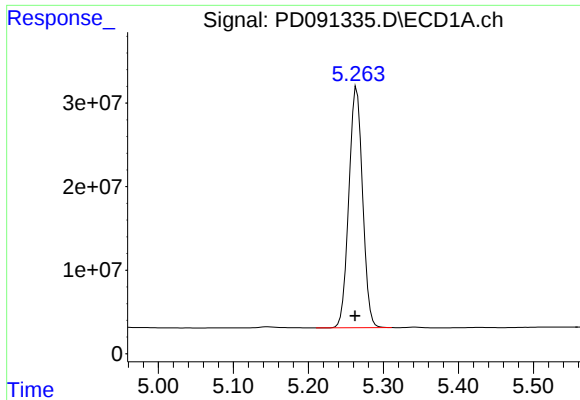
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.002 min
Response: 353835768
Conc: 49.41 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: -0.002 min
Response: 2921025959
Conc: 52.91 ng/ml



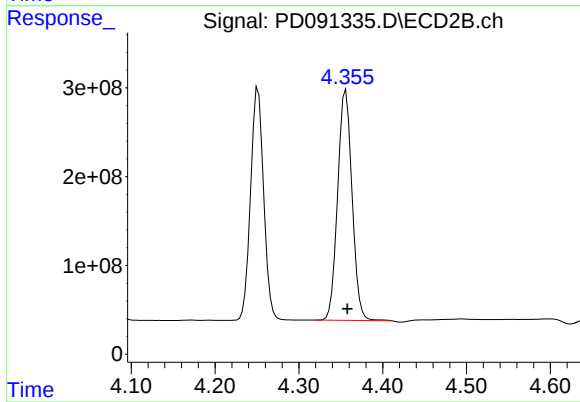
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.002 min
Response: 365940158
Conc: 50.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170651BS

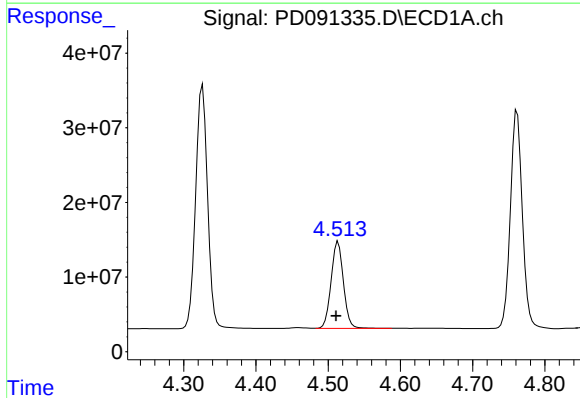
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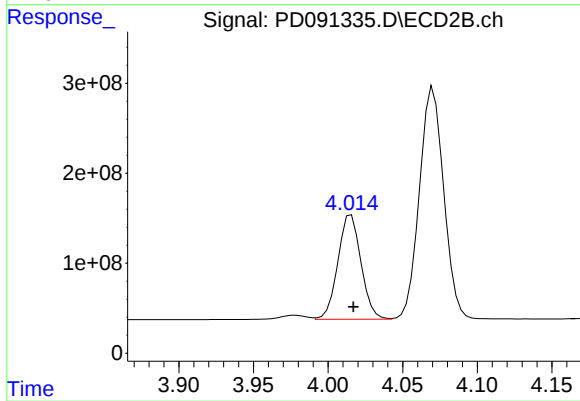
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 3097267187
Conc: 54.86 ng/ml



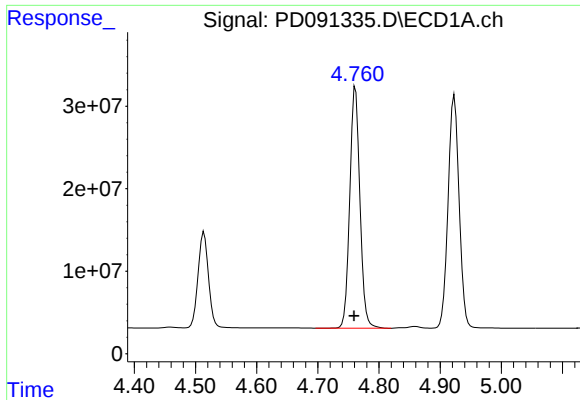
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.003 min
Response: 138258667
Conc: 47.59 ng/ml



#6 beta-BHC

R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 1256038856
Conc: 52.28 ng/ml



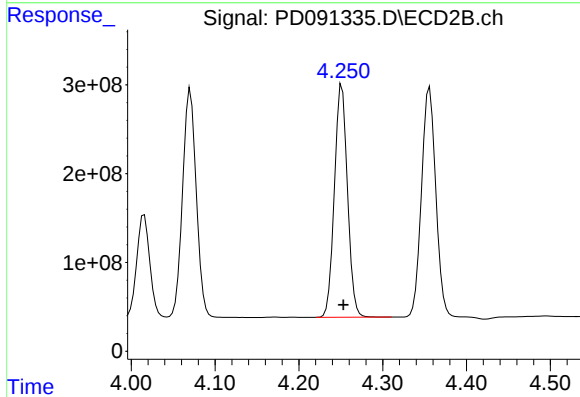
#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: 0.002 min
Response: 337692630
Conc: 45.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170651BS

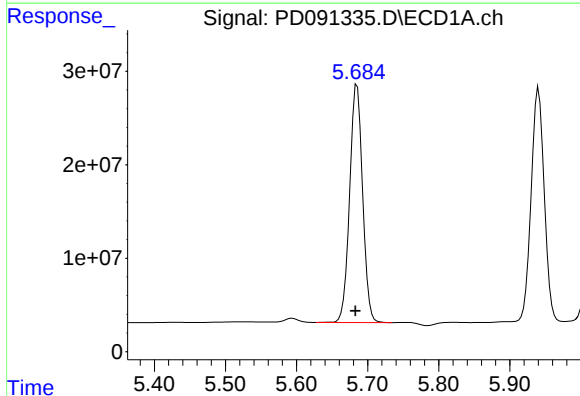
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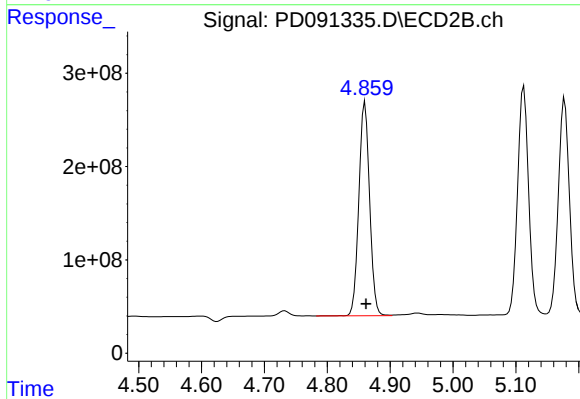
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 2836381679
Conc: 48.50 ng/ml



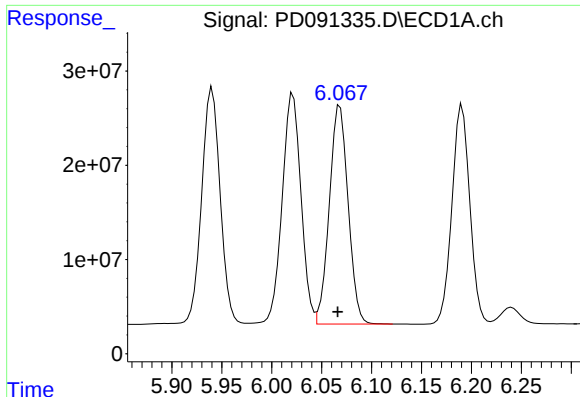
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.002 min
Response: 323032303
Conc: 49.72 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 2741406751
Conc: 53.80 ng/ml



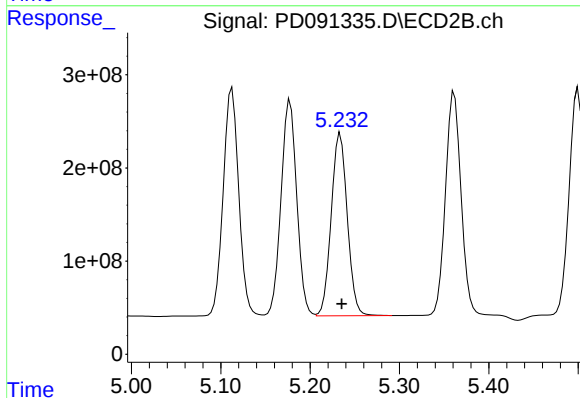
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.002 min
Response: 304154587
Conc: 49.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170651BS

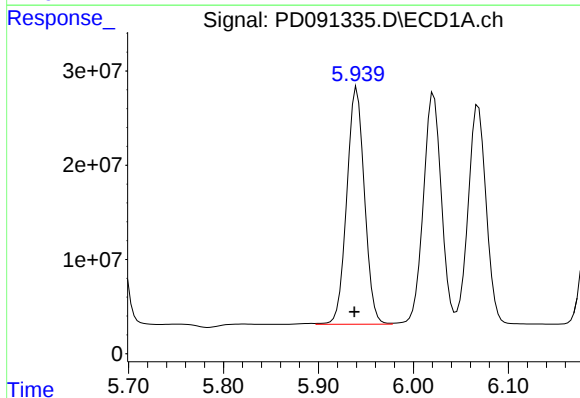
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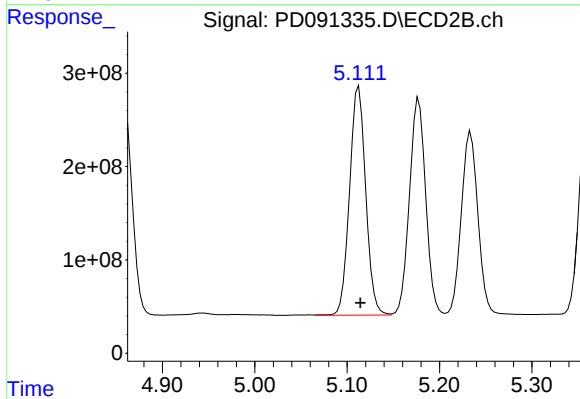
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 2450395418
Conc: 51.21 ng/ml



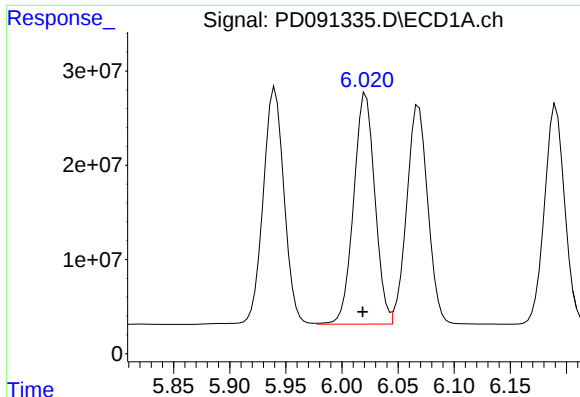
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.002 min
Response: 324268456
Conc: 49.88 ng/ml



#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 2976248813
Conc: 54.48 ng/ml



#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.003 min
Response: 322154538
Conc: 46.81 ng/ml

Instrument :

ECD_D

ClientSampleId :

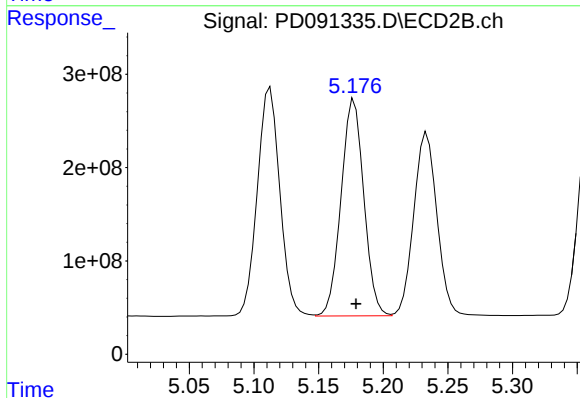
PB170651BS

Manual Integrations

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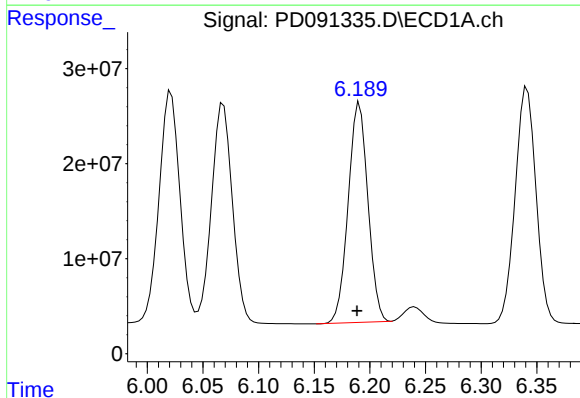
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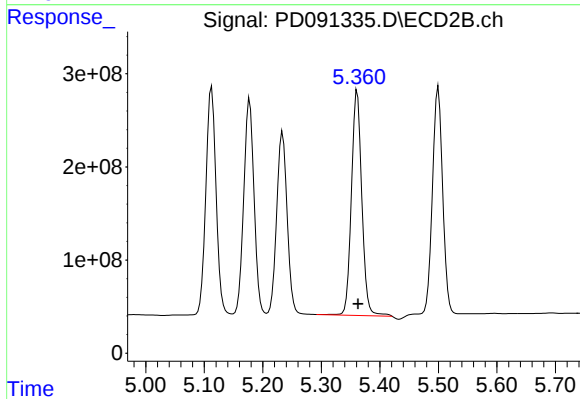
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: -0.001 min
Response: 2840047585
Conc: 54.27 ng/ml



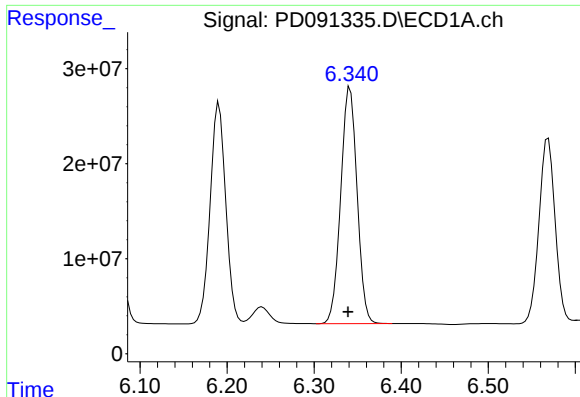
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.002 min
Response: 285387332
Conc: 49.21 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 2983520767
Conc: 55.83 ng/ml



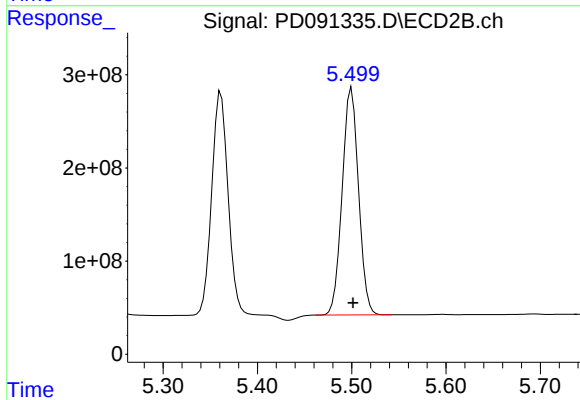
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.002 min
Response: 325087309
Conc: 50.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170651BS

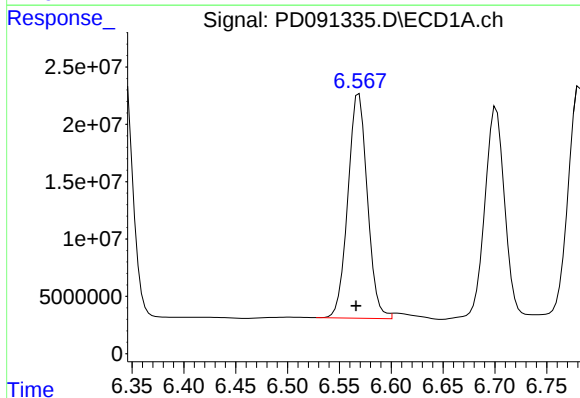
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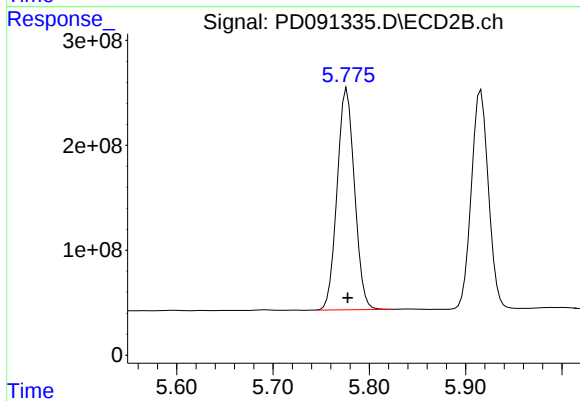
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 2947320596
Conc: 54.27 ng/ml



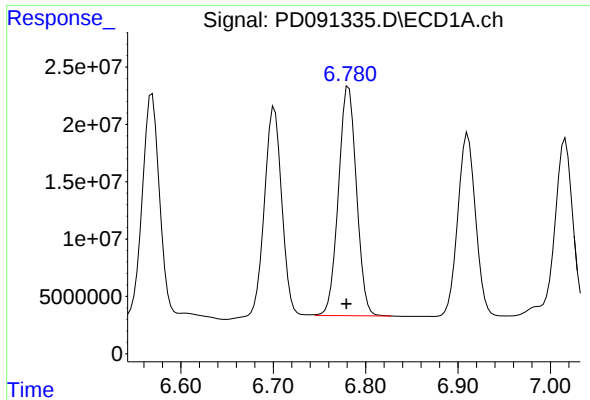
#14 Endrin

R.T.: 6.569 min
Delta R.T.: 0.003 min
Response: 255992637
Conc: 51.58 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 2643576706
Conc: 58.50 ng/ml



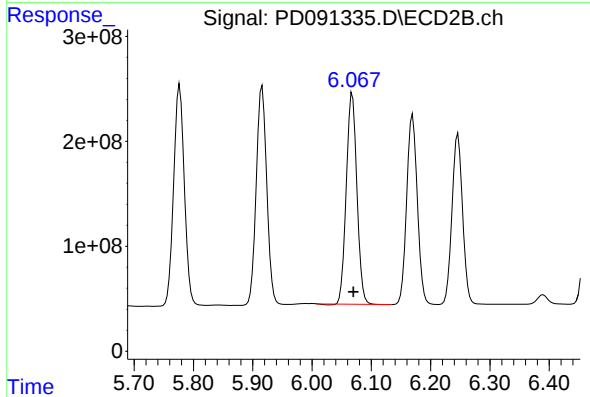
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: 0.001 min
Response: 271393770
Conc: 48.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170651BS

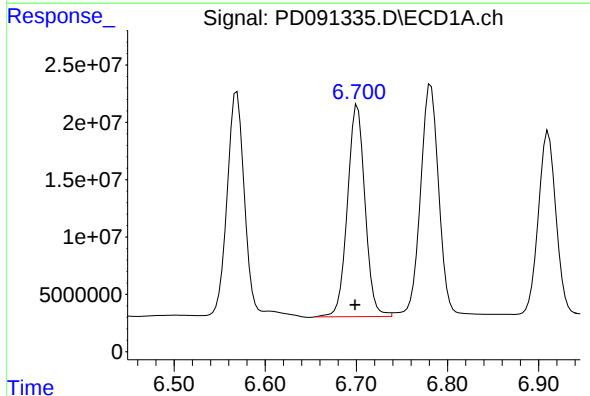
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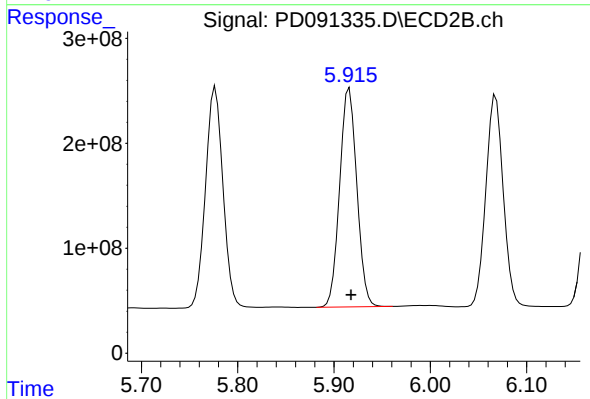
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 2505551045
Conc: 53.68 ng/ml



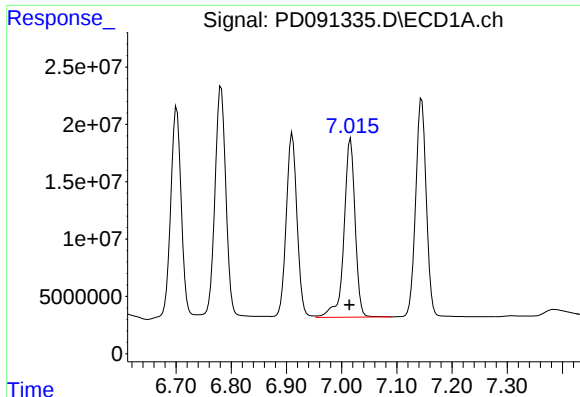
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.003 min
Response: 247307239
Conc: 50.35 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 2577746365
Conc: 52.75 ng/ml



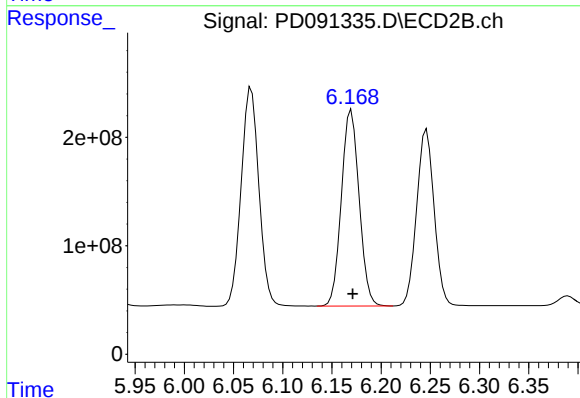
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.002 min
Response: 218784973
Conc: 52.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170651BS

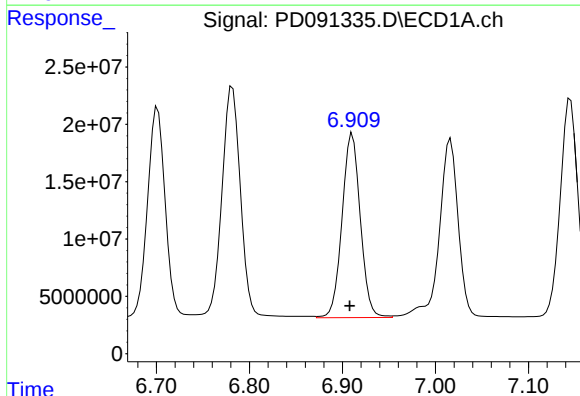
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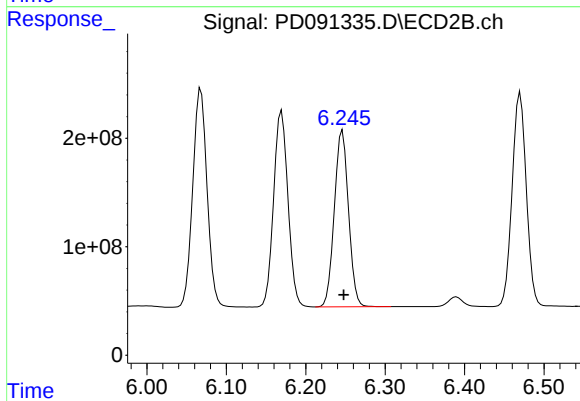
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: -0.001 min
Response: 2268354793
Conc: 57.97 ng/ml



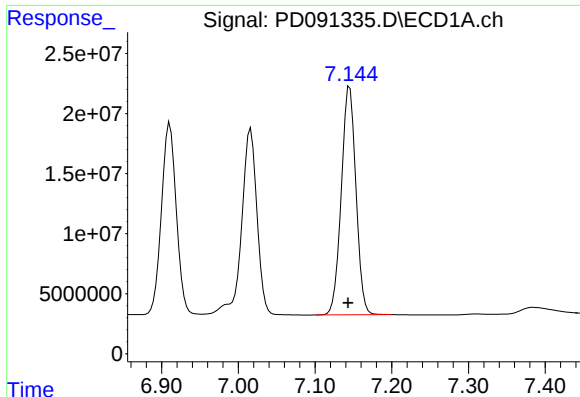
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.003 min
Response: 219462998
Conc: 52.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.001 min
Response: 2013170904
Conc: 57.05 ng/ml



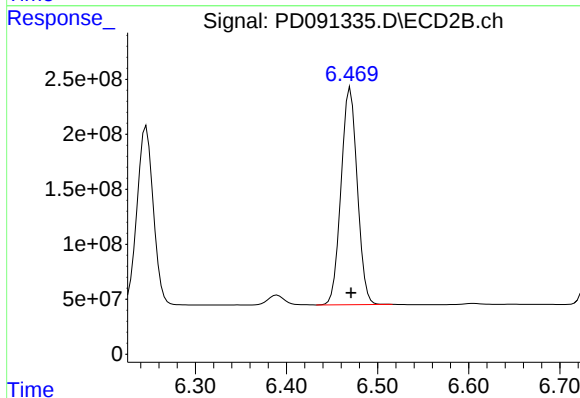
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.002 min
Response: 252918806
Conc: 49.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170651BS

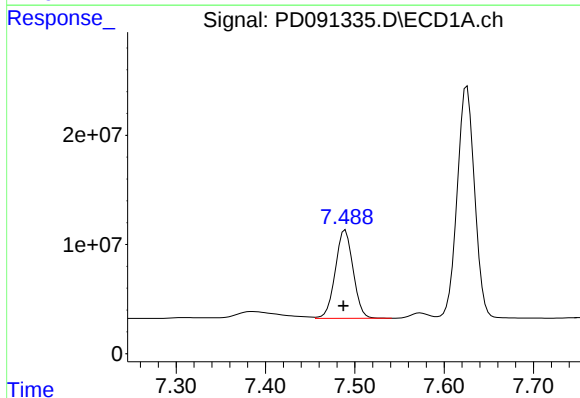
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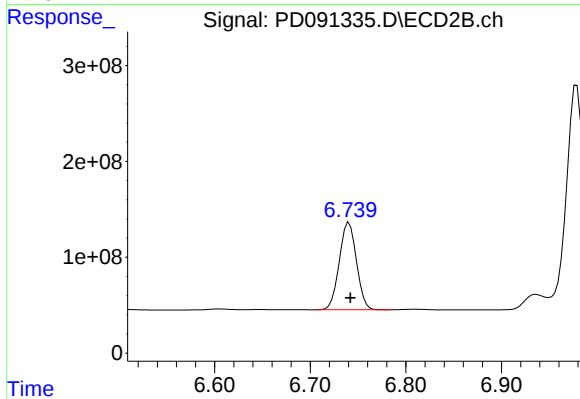
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 2438010458
Conc: 54.38 ng/ml



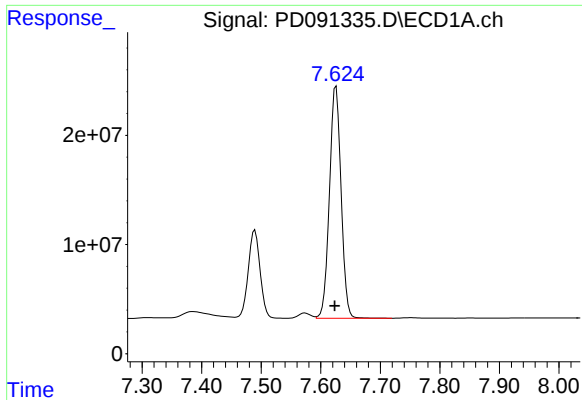
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.002 min
Response: 112075018
Conc: 51.54 ng/ml



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 1138562516
Conc: 56.78 ng/ml



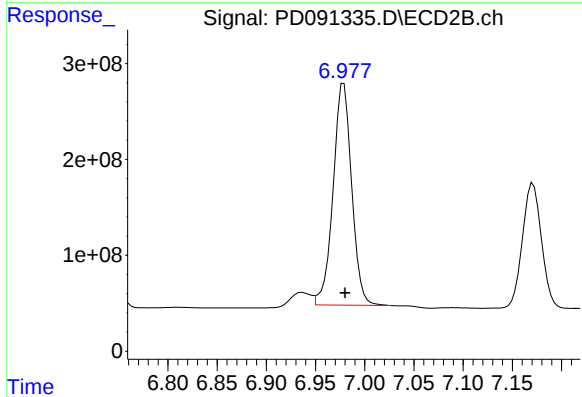
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.002 min
Response: 288412015
Conc: 51.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170651BS

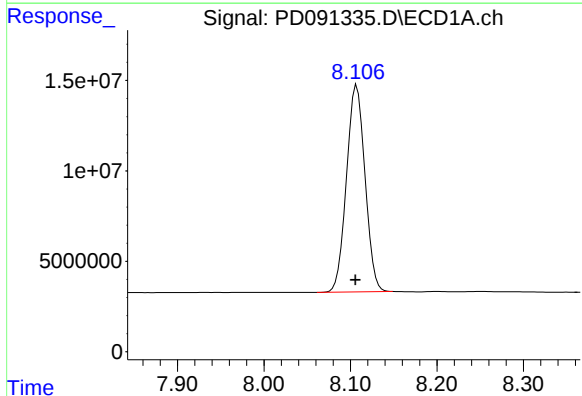
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/26/2025



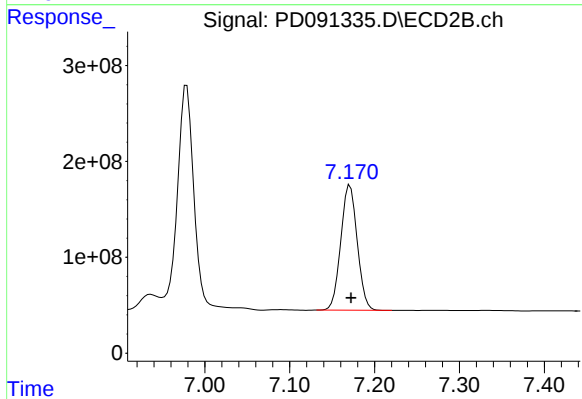
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 3028393845
Conc: 59.43 ng/ml m



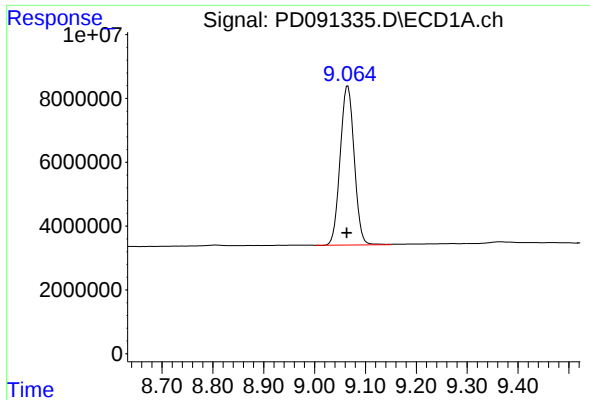
#22 Mirex

R.T.: 8.107 min
Delta R.T.: 0.002 min
Response: 169644539
Conc: 47.69 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.001 min
Response: 1755425553
Conc: 52.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.002 min
Response: 95642163
Conc: 19.20 ng/ml

Instrument :

ECD_D

ClientSampleId :

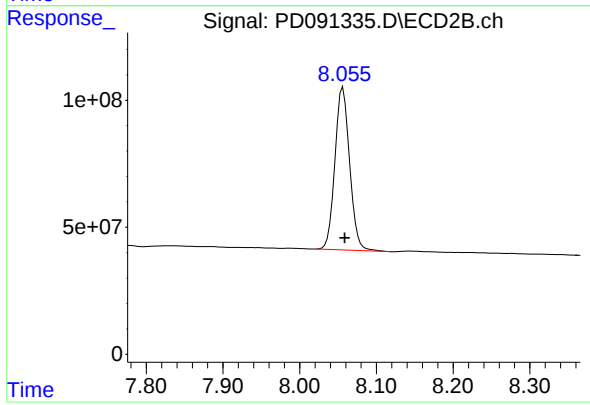
PB170651BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: -0.002 min
Response: 851547029
Conc: 21.52 ng/ml