

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
 Data File : PD091333.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 11:24
 Operator : AR\AJ
 Sample : PB170638BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170638BS

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 00:46:20 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...	3.545	2.870	68835681	814.8E6	19.960	22.243
28)	SA Decachlor...	9.066	8.057	105.9E6	943.3E6	21.258	23.835
Target Compounds							
2)	A alpha-BHC	3.995	3.382	338.9E6	2917.9E6	42.380	46.167
3)	MA gamma-BHC...	4.326	3.718	323.8E6	2734.0E6	43.325	47.284
4)	MA Heptachlor	4.924	4.070	321.1E6	2637.9E6	44.831	47.780
5)	MB Aldrin	5.265	4.356	325.8E6	2768.3E6	44.903	49.032
6)	B beta-BHC	4.514	4.015	122.2E6	1128.2E6	42.056	46.954
7)	B delta-BHC	4.762	4.251	297.9E6	2551.8E6	40.077	43.637
8)	B Heptachlo...	5.685	4.860	290.0E6	2466.8E6	44.631	48.407
9)	A Endosulfan I	6.069	5.234	272.7E6	2234.8E6	44.386	46.702
10)	B gamma-Chl...	5.941	5.113	288.8E6	2664.2E6	44.425	48.771
11)	B alpha-Chl...	6.022	5.177	290.7E6	2552.4E6	42.236	48.773
12)	B 4,4'-DDE	6.192	5.360	254.5E6	2622.3E6	43.875	49.067m
13)	MA Dieldrin	6.342	5.500	290.3E6	2651.8E6	44.903	48.827
14)	MA Endrin	6.569	5.777	234.3E6	2408.4E6	47.200	53.292
15)	B Endosulfa...	6.782	6.067	254.9E6	2284.4E6	45.854	48.938m
16)	A 4,4'-DDD	6.702	5.916	216.1E6	2296.9E6	44.007	47.002
17)	MA 4,4'-DDT	7.017	6.170	201.9E6	2131.1E6	48.830	54.458
18)	B Endrin al...	6.911	6.246	195.5E6	1815.9E6	46.917	51.458
19)	B Endosulfa...	7.146	6.469	227.0E6	2196.9E6	44.121	49.000
20)	A Methoxychlor	7.490	6.740	105.6E6	1074.8E6	48.571	53.602
21)	B Endrin ke...	7.627	6.977	254.4E6	2715.1E6	45.158	53.283m
22)	Mirex	8.109	7.171	155.2E6	1613.1E6	43.632	48.676

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
Data File : PD091333.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:24
Operator : AR\AJ
Sample : PB170638BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170638BS

Manual Integrations

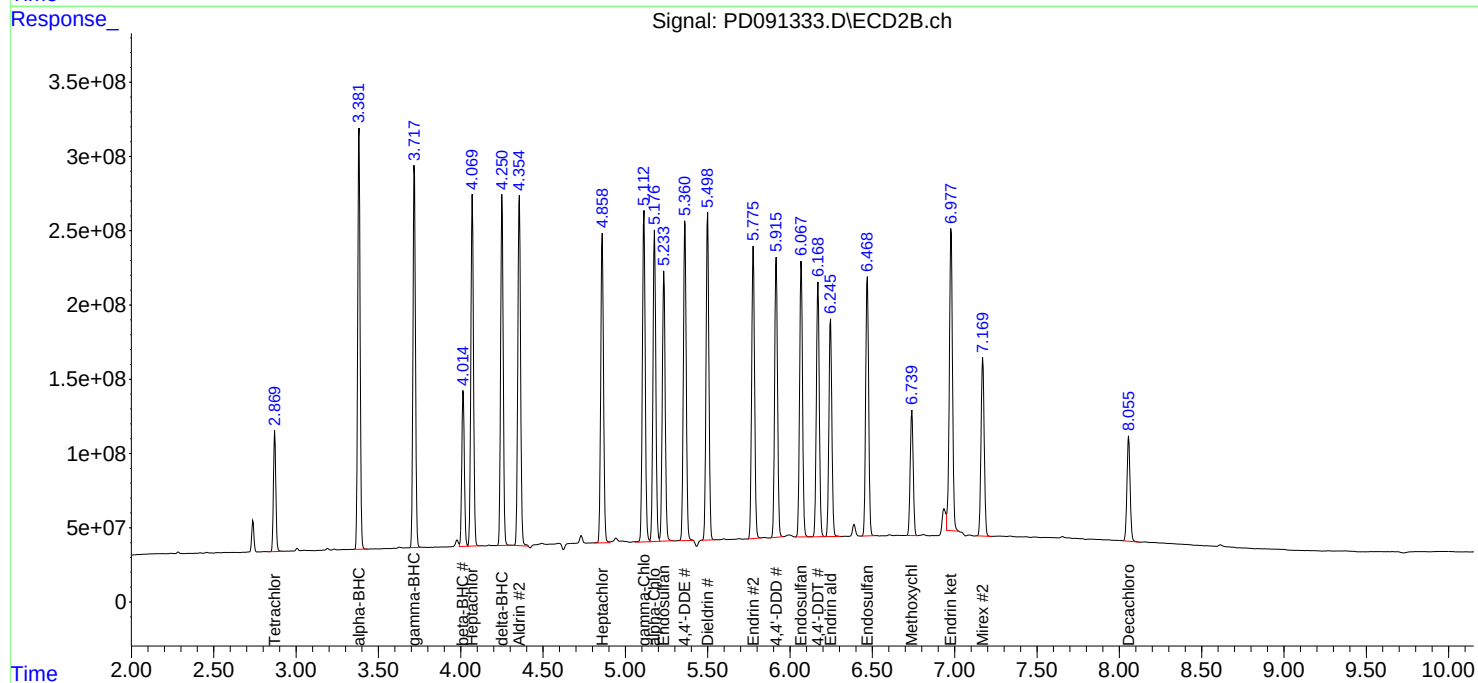
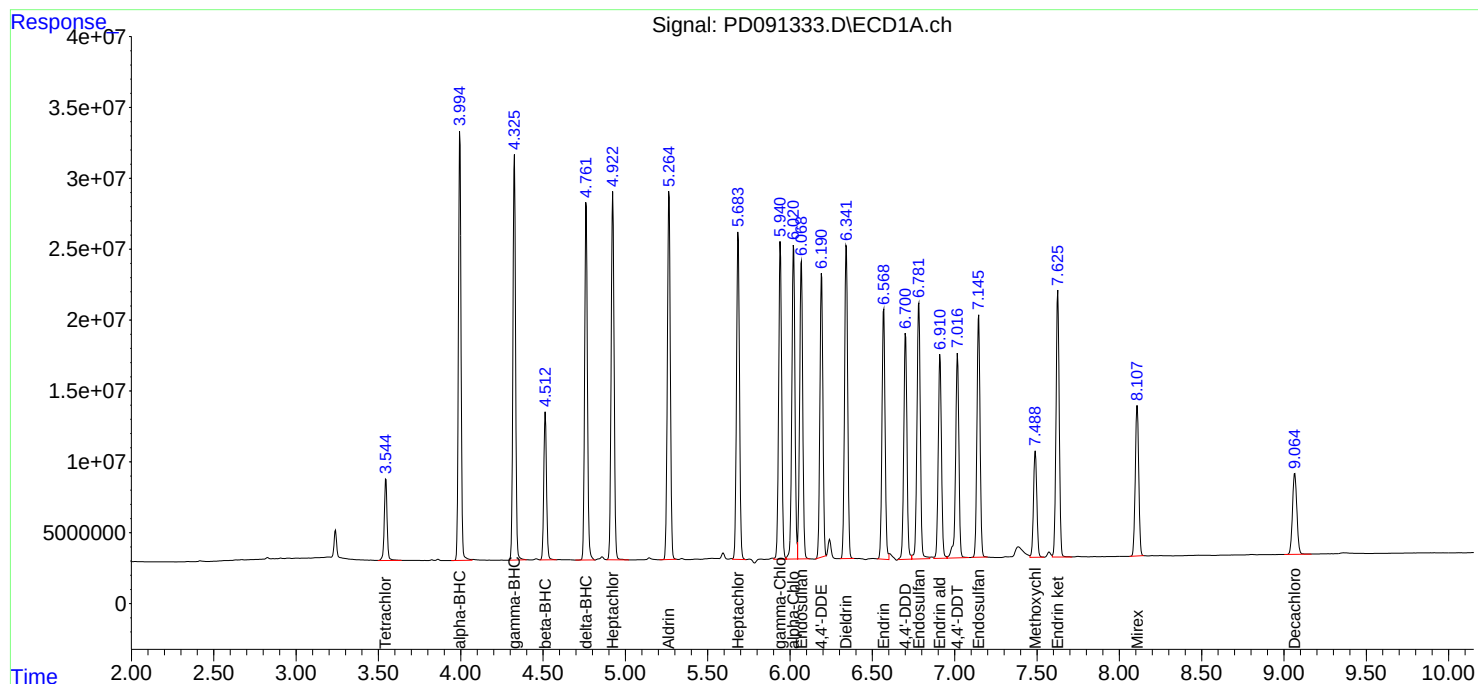
APPROVED

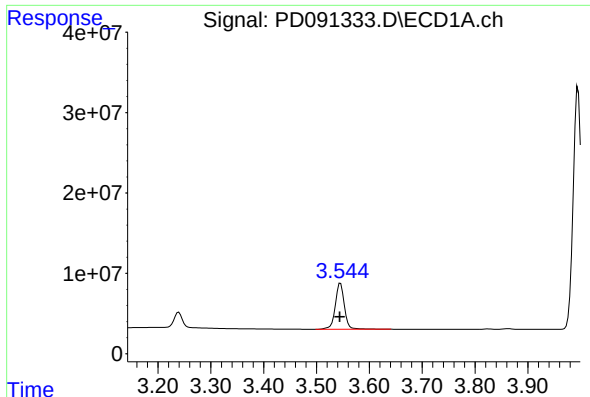
Reviewed By :Rahul Chavli 11/26/2025

Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 00:46:20 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





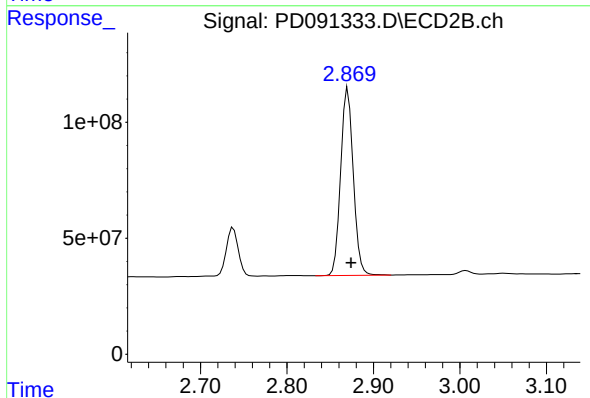
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.001 min
Response: 68835681
Conc: 19.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170638BS

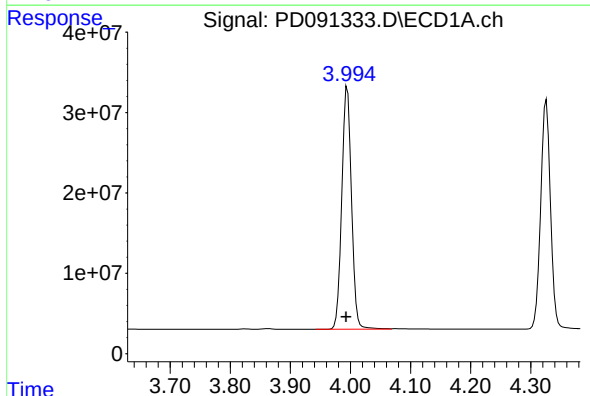
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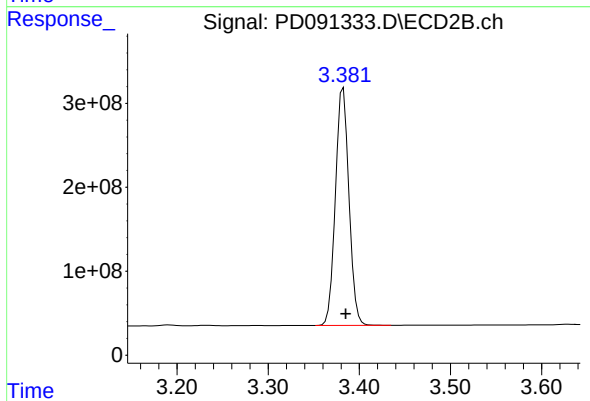
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: -0.004 min
Response: 814782808
Conc: 22.24 ng/ml



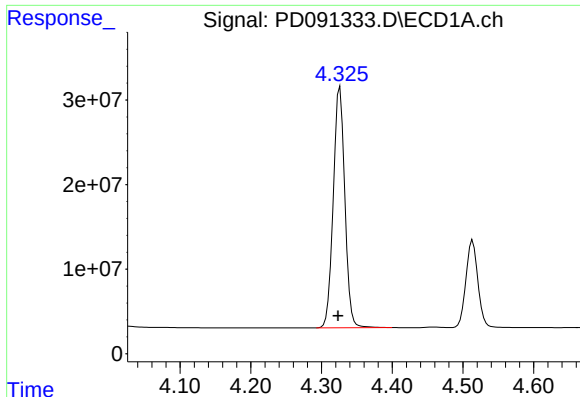
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.002 min
Response: 338852767
Conc: 42.38 ng/ml



#2 alpha-BHC

R.T.: 3.382 min
Delta R.T.: -0.003 min
Response: 2917898867
Conc: 46.17 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 323759376
Conc: 43.32 ng/ml

Instrument :

ECD_D

ClientSampleId :

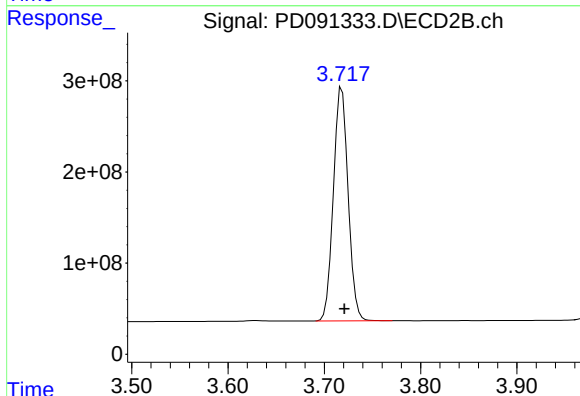
PB170638BS

Manual Integrations

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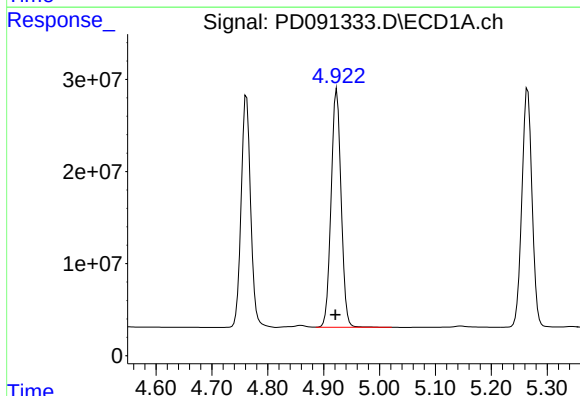
Reviewed By :Rahul Chavli 11/26/2025

Supervised By :mohammad ahmed 11/26/2025



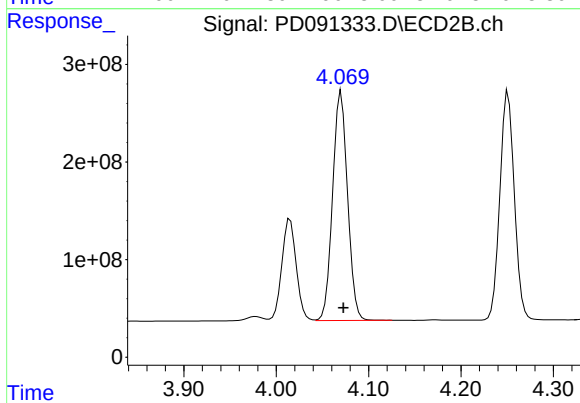
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: -0.003 min
Response: 2734022330
Conc: 47.28 ng/ml



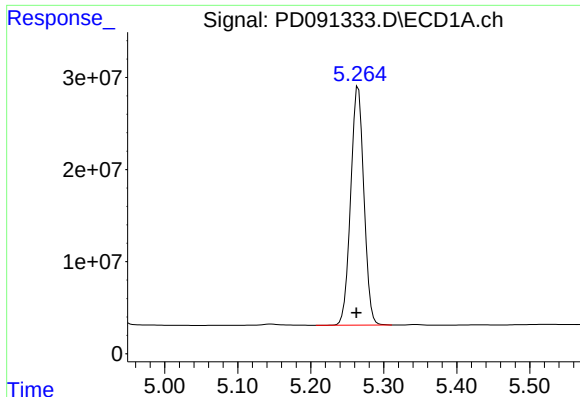
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.003 min
Response: 321065711
Conc: 44.83 ng/ml



#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: -0.002 min
Response: 2637885789
Conc: 47.78 ng/ml



#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.003 min
Response: 325836662
Conc: 44.90 ng/ml

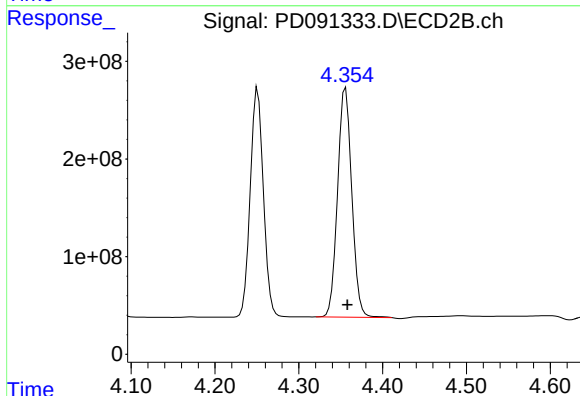
Instrument :

ECD_D

ClientSampleId :
PB170638BS

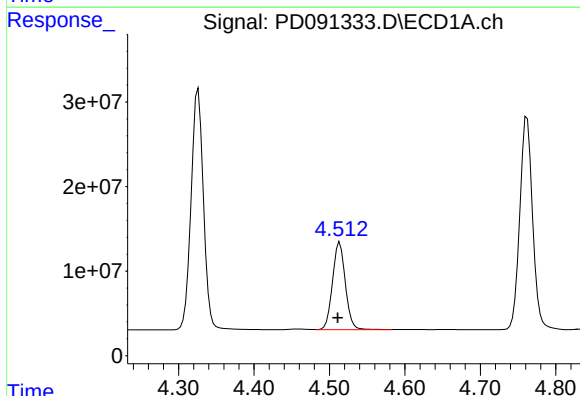
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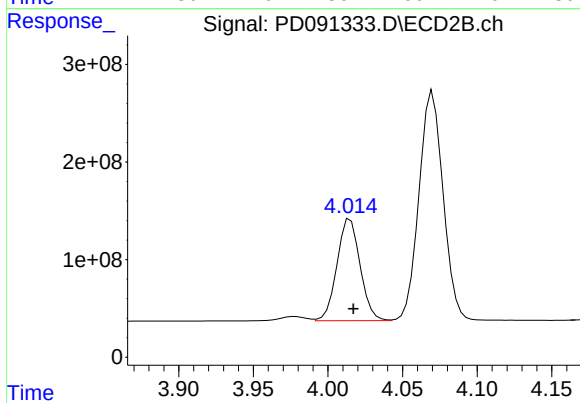
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 2768286530
Conc: 49.03 ng/ml



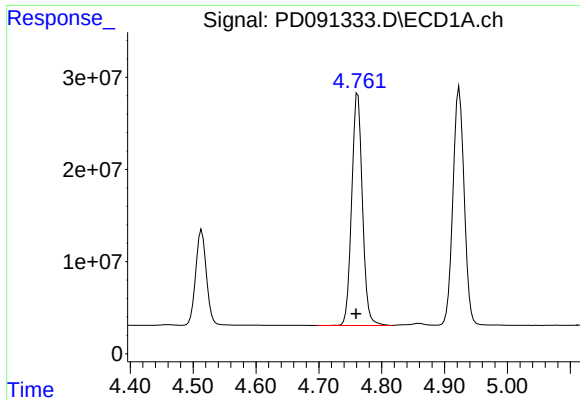
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.003 min
Response: 122193433
Conc: 42.06 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1128177498
Conc: 46.95 ng/ml



#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: 0.003 min
Response: 297854116
Conc: 40.08 ng/ml

Instrument :

ECD_D

ClientSampleId :

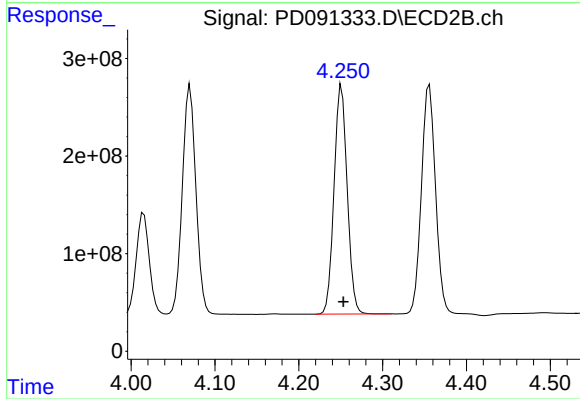
PB170638BS

Manual Integrations

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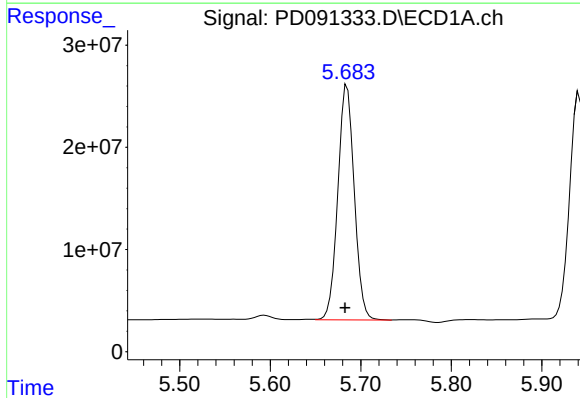
Reviewed By :Rahul Chavli 11/26/2025

Supervised By :mohammad ahmed 11/26/2025



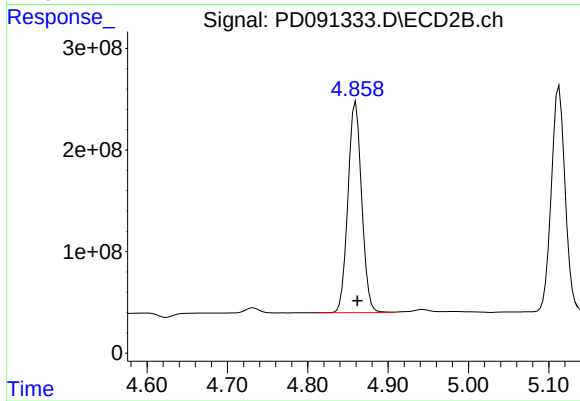
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 2551751638
Conc: 43.64 ng/ml



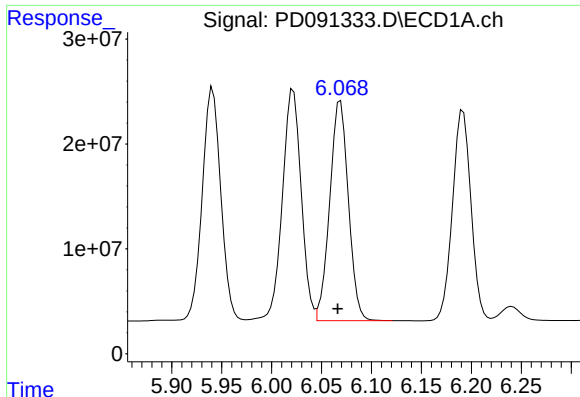
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.002 min
Response: 289953509
Conc: 44.63 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 2466780669
Conc: 48.41 ng/ml



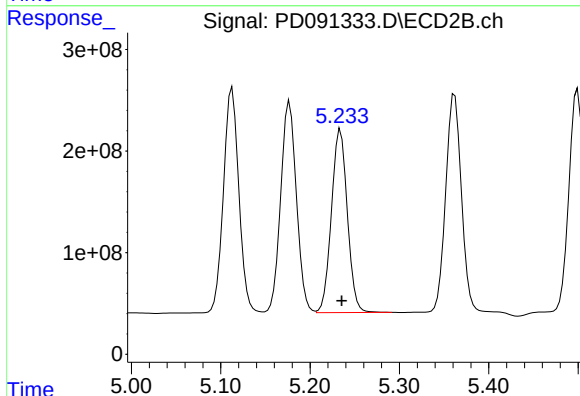
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.003 min
Response: 272661523
Conc: 44.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170638BS

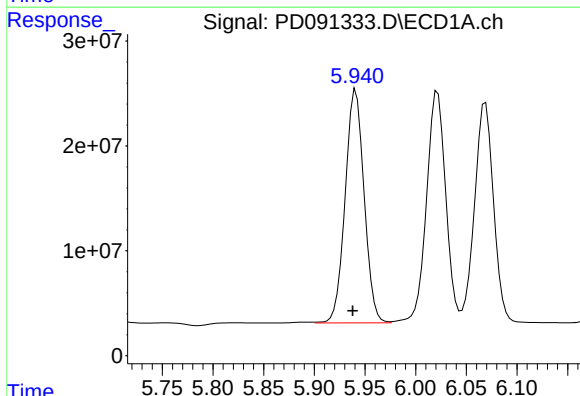
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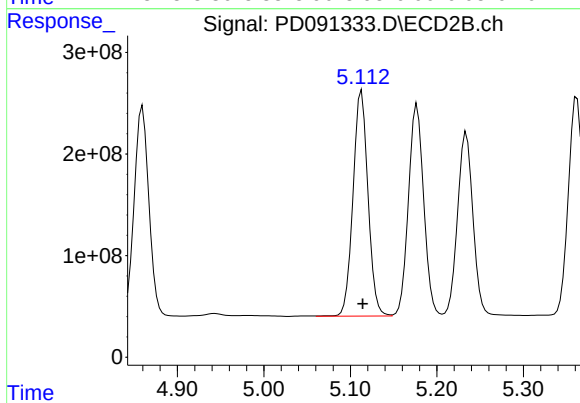
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 2234766282
Conc: 46.70 ng/ml



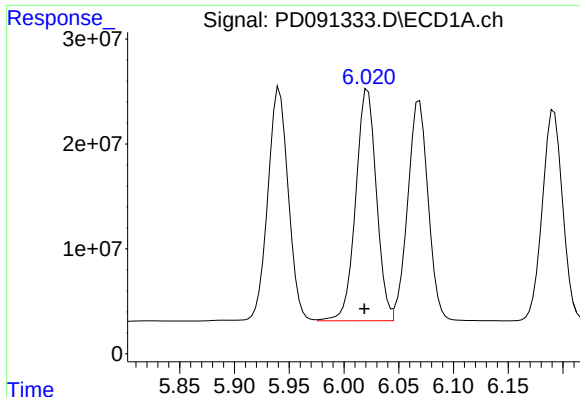
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.003 min
Response: 288794758
Conc: 44.42 ng/ml



#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 2664248726
Conc: 48.77 ng/ml



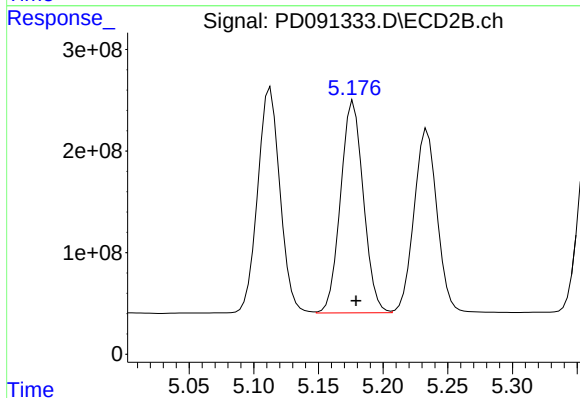
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.003 min
Response: 290703360
Conc: 42.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170638BS

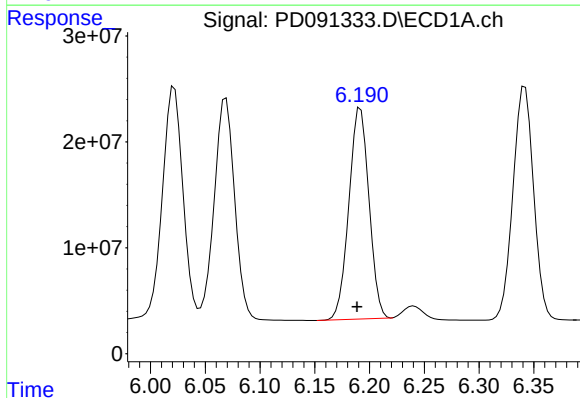
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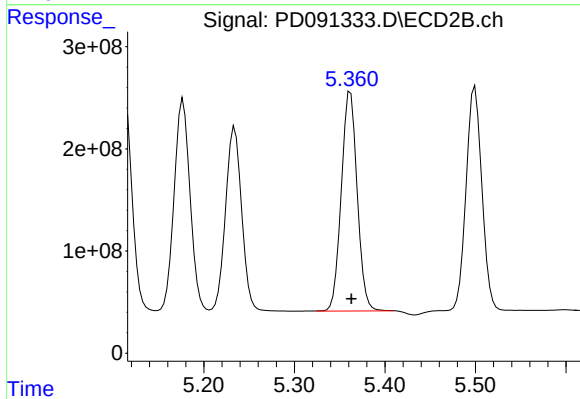
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2552358235
Conc: 48.77 ng/ml



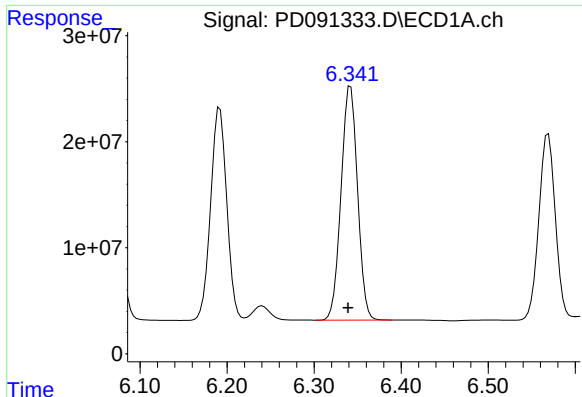
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.003 min
Response: 254450042
Conc: 43.88 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: -0.002 min
Response: 2622259700
Conc: 49.07 ng/ml m



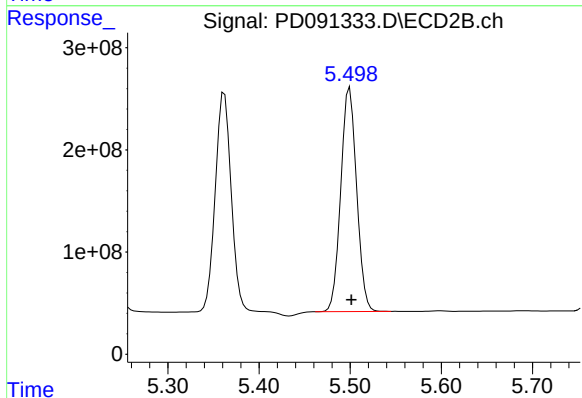
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.003 min
Response: 290294771
Conc: 44.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170638BS

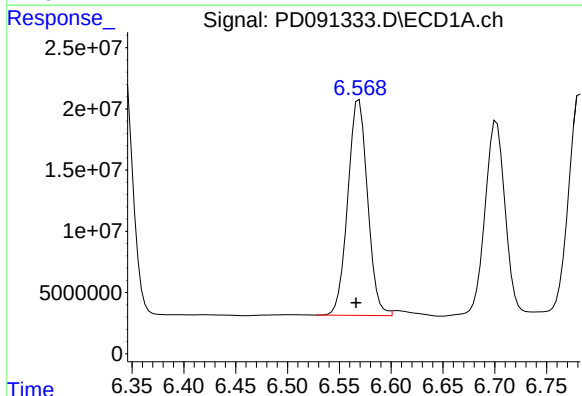
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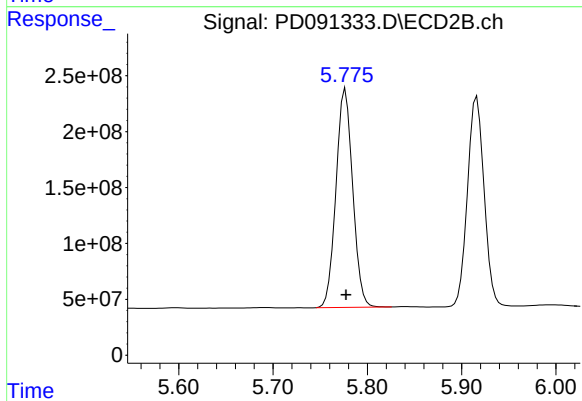
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 2651841166
Conc: 48.83 ng/ml



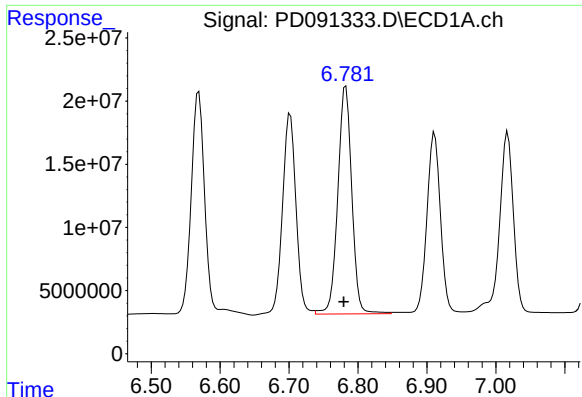
#14 Endrin

R.T.: 6.569 min
Delta R.T.: 0.003 min
Response: 234275603
Conc: 47.20 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 2408418254
Conc: 53.29 ng/ml



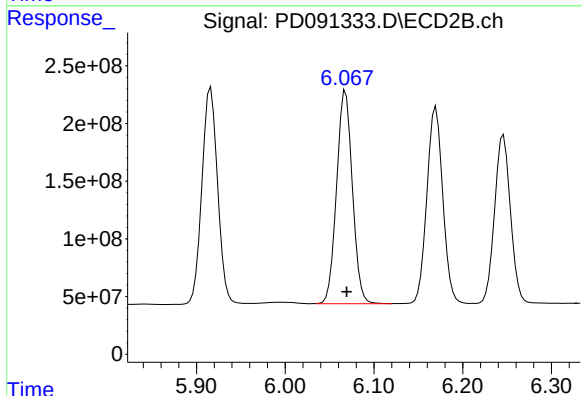
#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: 0.003 min
Response: 254919566
Conc: 45.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170638BS

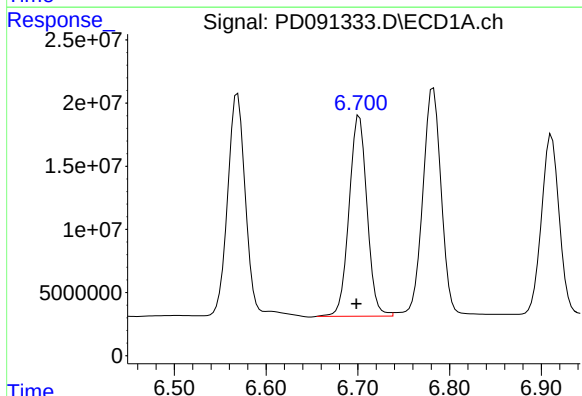
Manual Integrations
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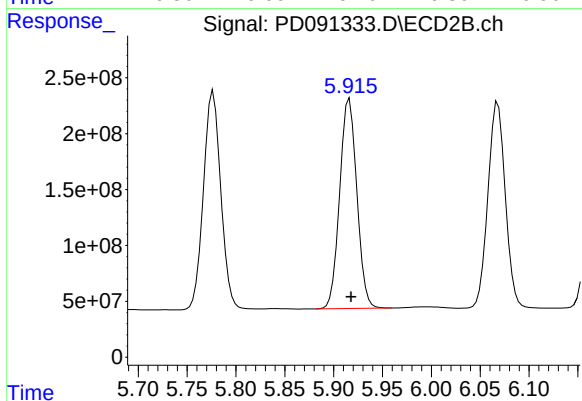
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.003 min
Response: 2284431546
Conc: 48.94 ng/ml m



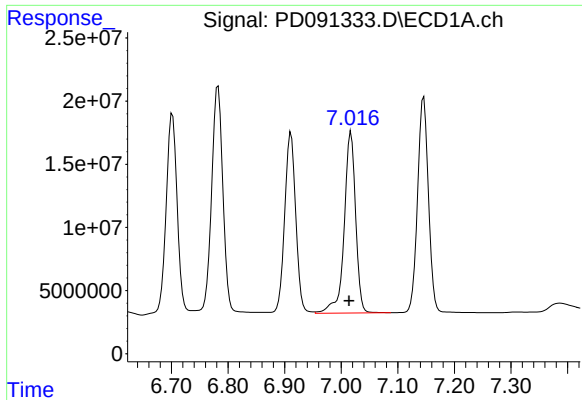
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.003 min
Response: 216139641
Conc: 44.01 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 2296927448
Conc: 47.00 ng/ml



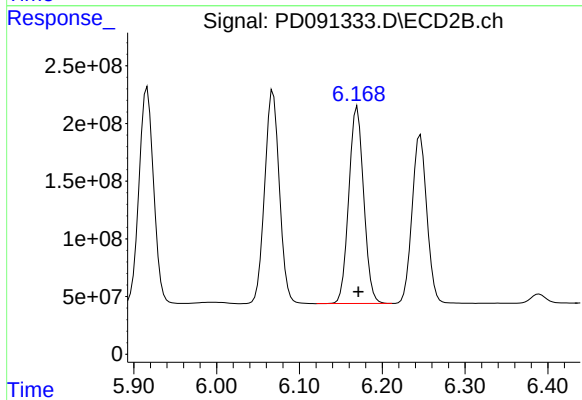
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: 0.003 min
Response: 201936344
Conc: 48.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170638BS

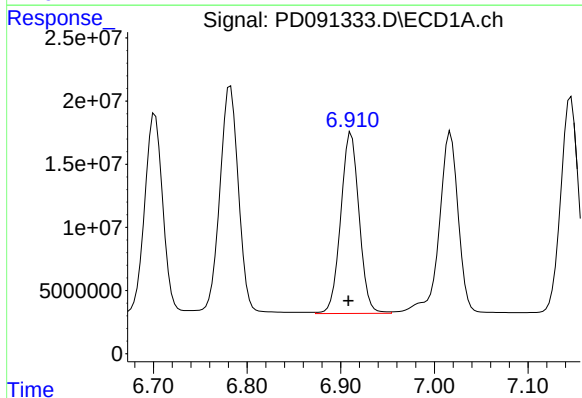
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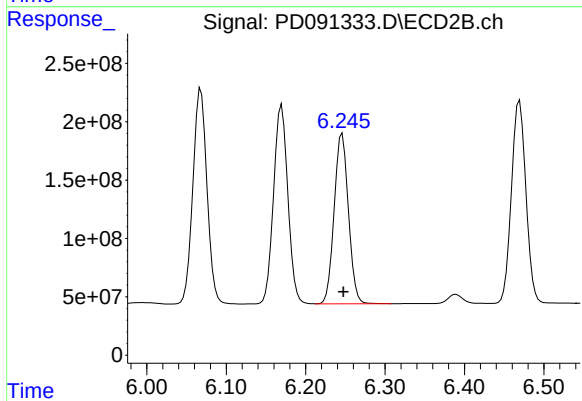
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: -0.001 min
Response: 2131073090
Conc: 54.46 ng/ml



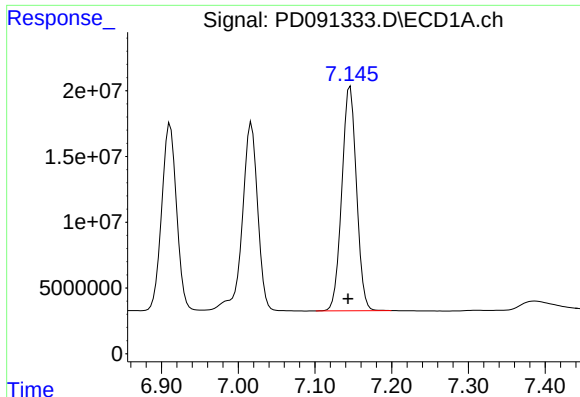
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.003 min
Response: 195457200
Conc: 46.92 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 1815916361
Conc: 51.46 ng/ml



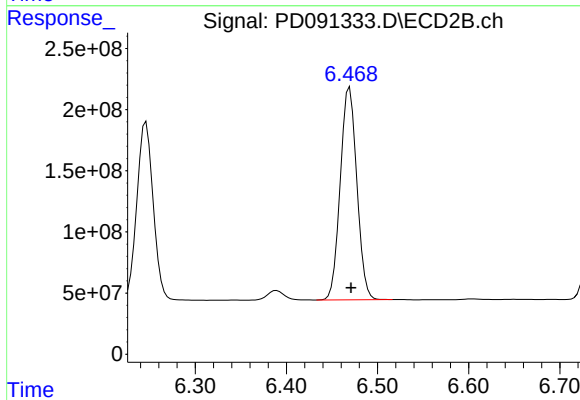
#19 Endosulfan Sulfate

R.T.: 7.146 min
Delta R.T.: 0.003 min
Response: 226994648
Conc: 44.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170638BS

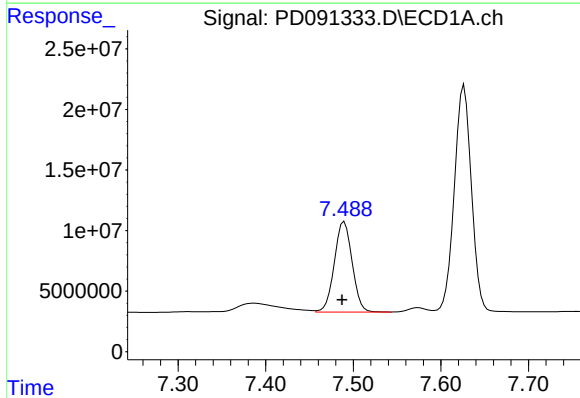
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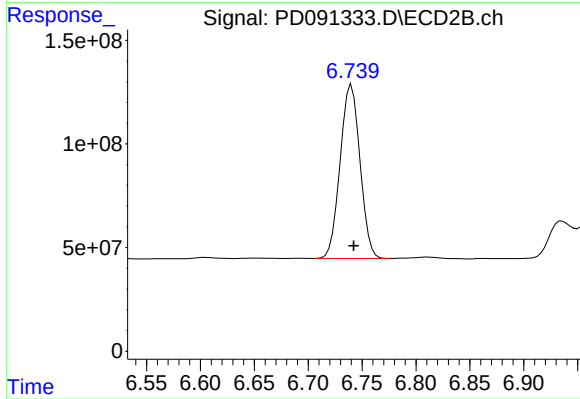
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 2196896679
Conc: 49.00 ng/ml



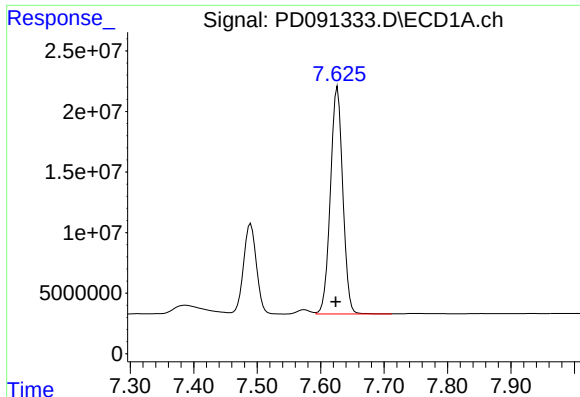
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.003 min
Response: 105609885
Conc: 48.57 ng/ml



#20 Methoxychlor

R.T.: 6.740 min
Delta R.T.: -0.002 min
Response: 1074796973
Conc: 53.60 ng/ml



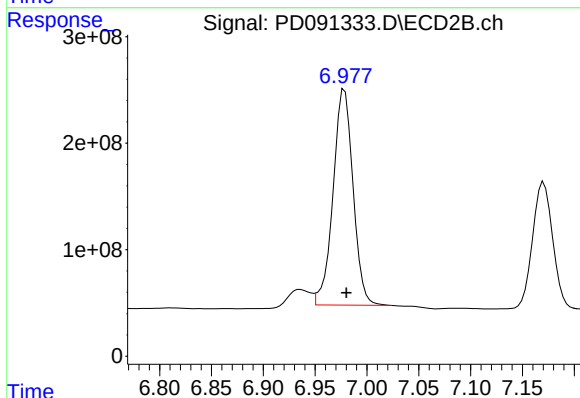
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.003 min
Response: 254397830
Conc: 45.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170638BS

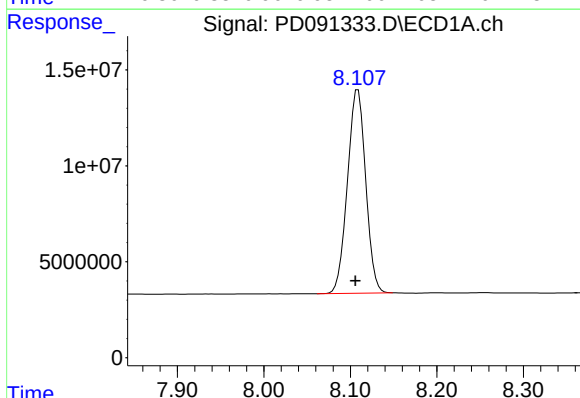
Manual Integrations
APPROVED

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



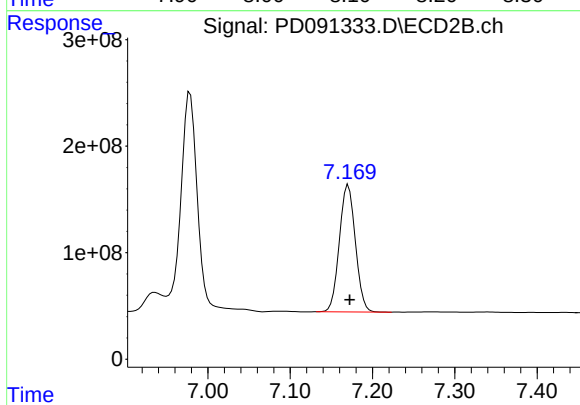
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 2715108754
Conc: 53.28 ng/ml m



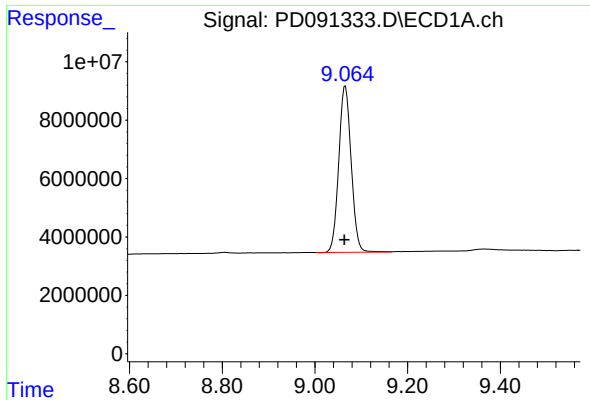
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.003 min
Response: 155201600
Conc: 43.63 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 1613117747
Conc: 48.68 ng/ml



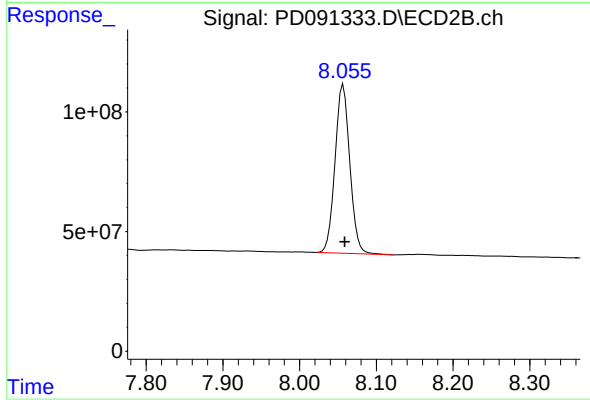
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 105905009
Conc: 21.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170638BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.002 min
Response: 943268542
Conc: 23.84 ng/ml