

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
 Data File : PD091341.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 13:54
 Operator : AR\AJ
 Sample : Q3699-03MSD 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TR-06-112025

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 00:48:19 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...	3.540	2.872	8127071	92637908	2.357m	2.529
28) SA Decachlor...	9.061	8.056	11466131	84492990	2.302	2.135
Target Compounds						
2) A alpha-BHC	3.991	3.383	34964125	361.9E6	4.373	5.726 #
3) MA gamma-BHC...	4.320	3.719	35172539	335.1E6	4.707m	5.796
4) MA Heptachlor	4.917	4.071	34271287	325.4E6	4.785m	5.894
5) MB Aldrin	5.260	4.356	34764242	332.5E6	4.791	5.889
6) B beta-BHC	4.509	4.015	15655386	155.2E6	5.388	6.459
7) B delta-BHC	4.757	4.251	37215239	333.6E6	5.007	5.704
8) B Heptachlo...	5.679	4.859	33046789	320.7E6	5.087m	6.293
9) A Endosulfan I	6.064	5.234	31587824	274.7E6	5.142	5.740
10) B gamma-Chl...	5.936	5.111	34343756	350.6E6	5.283	6.417m
11) B alpha-Chl...	6.017	5.177	36531297	346.1E6	5.308	6.613
12) B 4,4'-DDE	6.186	5.361	26724741	325.1E6	4.608	6.084 #
13) MA Dieldrin	6.336	5.499	31170472	346.4E6	4.821	6.378 #
14) MA Endrin	6.563	5.776	25687264	328.4E6	5.175	7.268 #
15) B Endosulfa...	6.776	6.067	28881224	279.4E6	5.195m	5.985
16) A 4,4'-DDD	6.696	5.916	24243339	274.5E6	4.936	5.618
17) MA 4,4'-DDT	7.011	6.169	19934007	237.1E6	4.820m	6.059 #
18) B Endrin al...	6.906	6.246	20392453	202.4E6	4.895	5.735
19) B Endosulfa...	7.141	6.469	25590010	259.6E6	4.974	5.790
20) A Methoxychlor	7.484	6.740	10980261	131.5E6	5.050m	6.558 #
21) B Endrin ke...	7.620	6.978	28219873	264.4E6	5.009m	5.189
22) Mirex	8.102	7.171	20677352	176.7E6	5.813m	5.331

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112125\
Data File : PD091341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 13:54
Operator : AR\AJ
Sample : Q3699-03MSD 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

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Manual Integrations

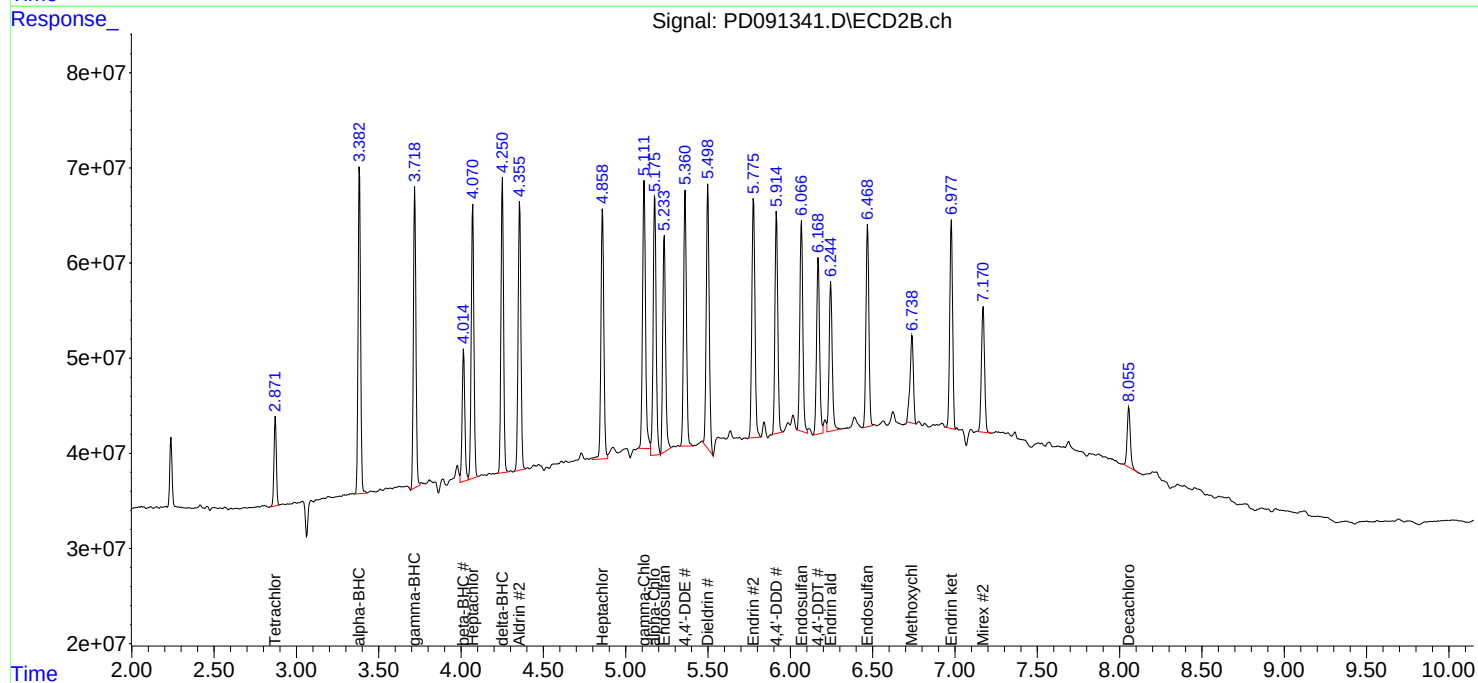
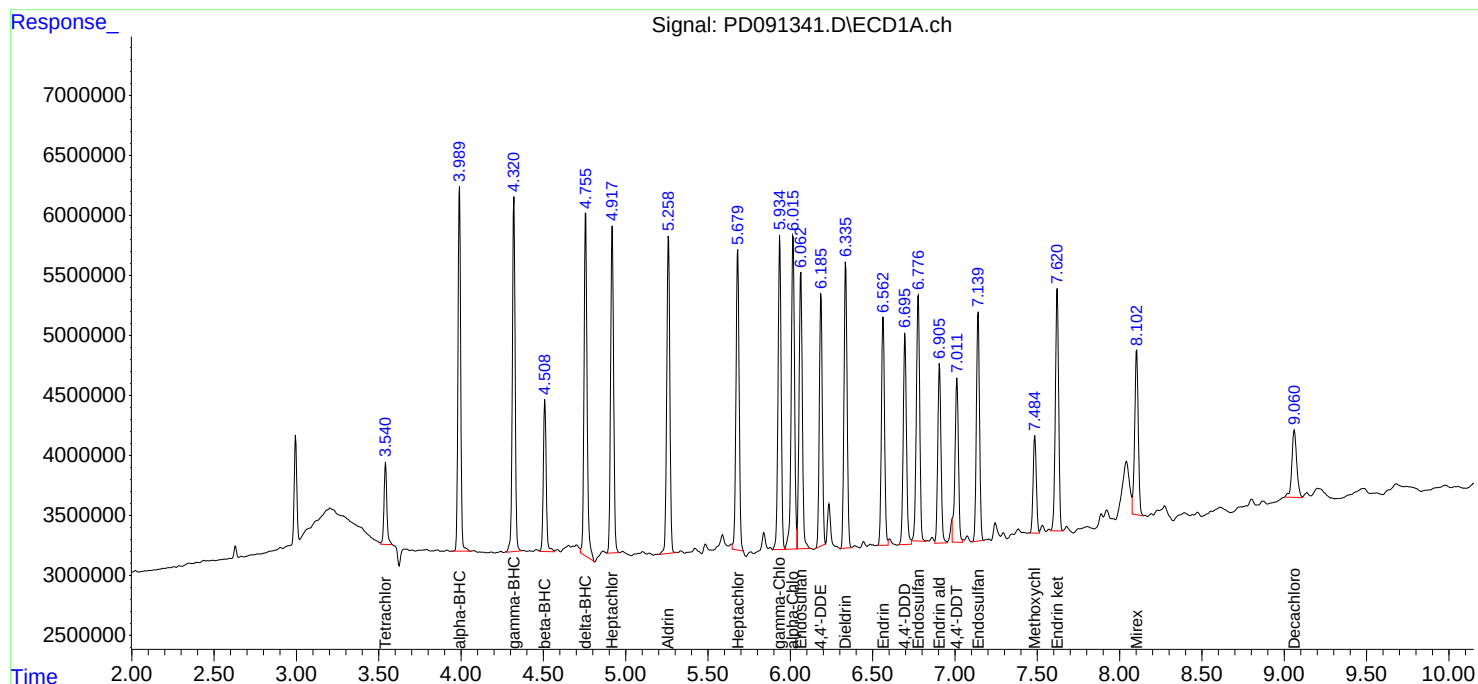
APPROVED

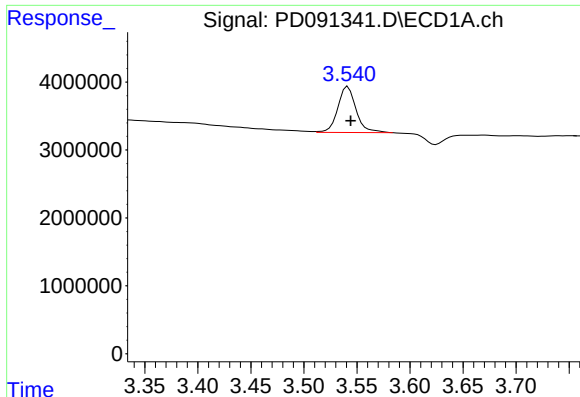
Reviewed By :Rahul Chavli 11/26/2025

Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 00:48:19 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.: 3.540 min
Delta R.T.: -0.004 min
Response: 8127071
Conc: 2.36 ng/ml

Instrument :

ECD_D

ClientSampleId :

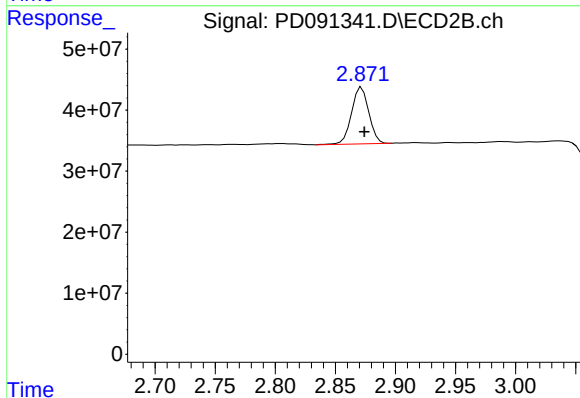
TR-06-112025

Manual Integrations

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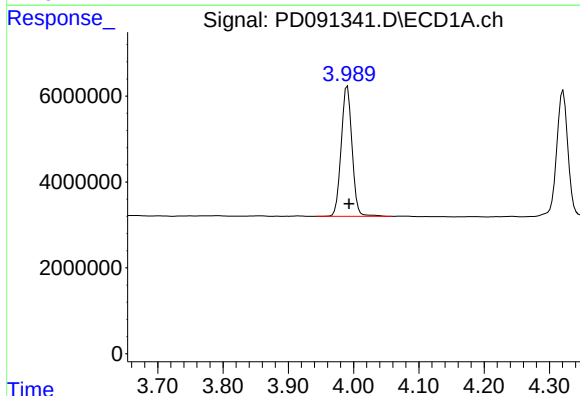
Reviewed By :Rahul Chavli 11/26/2025

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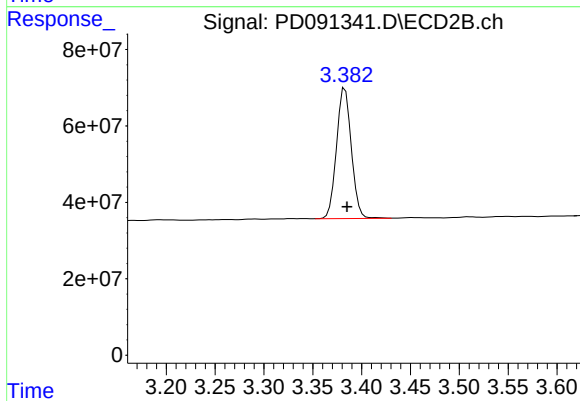
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 92637908
Conc: 2.53 ng/ml



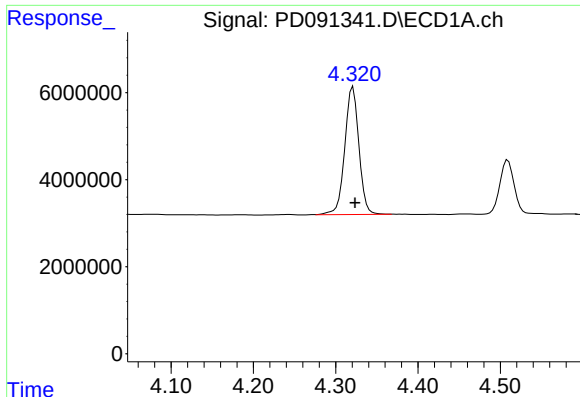
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 34964125
Conc: 4.37 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 361909176
Conc: 5.73 ng/ml



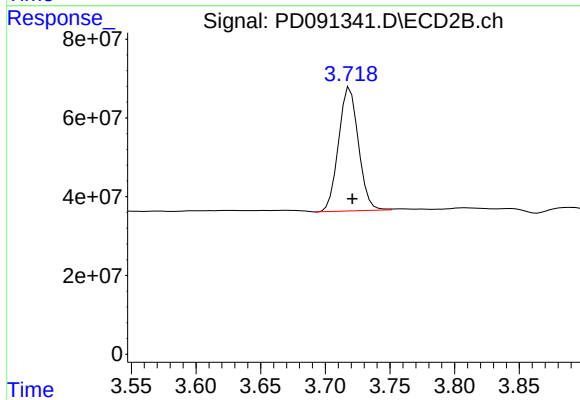
#3 gamma-BHC (Lindane)

R.T.: 4.320 min
Delta R.T.: -0.004 min
Response: 35172539
Conc: 4.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-06-112025

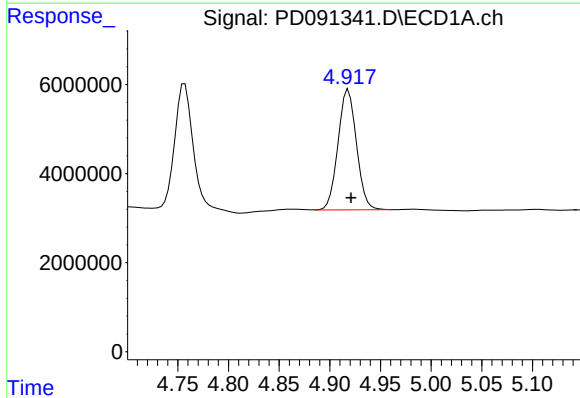
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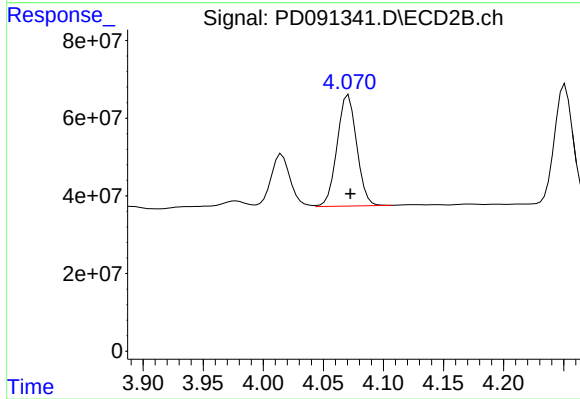
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 335133250
Conc: 5.80 ng/ml



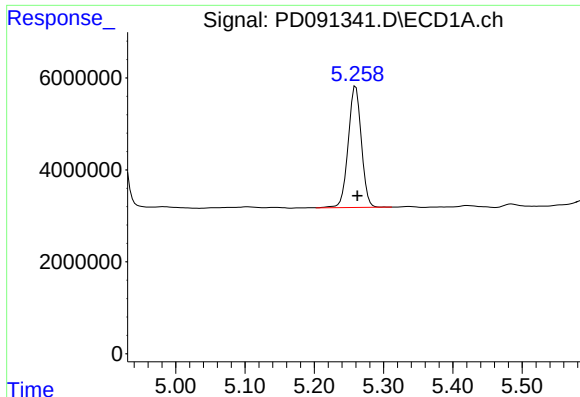
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: -0.004 min
Response: 34271287
Conc: 4.79 ng/ml m



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: -0.002 min
Response: 325428013
Conc: 5.89 ng/ml



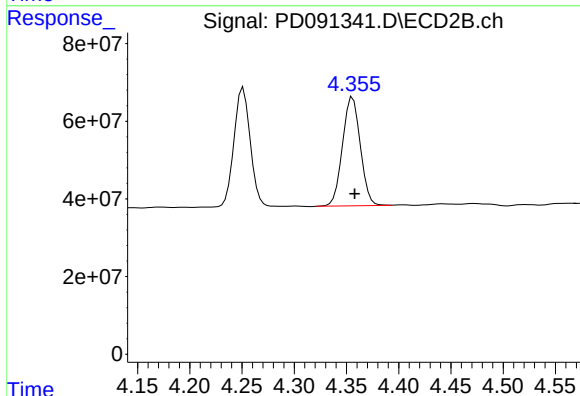
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 34764242
Conc: 4.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-06-112025

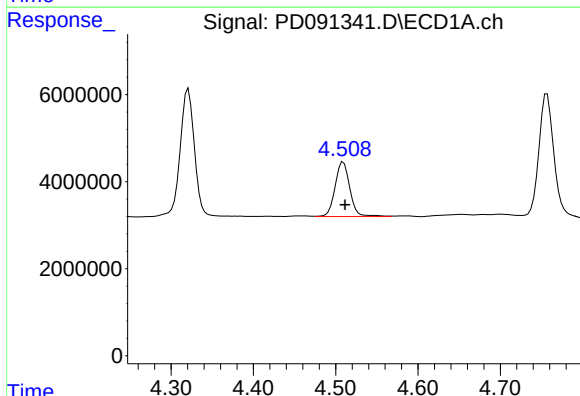
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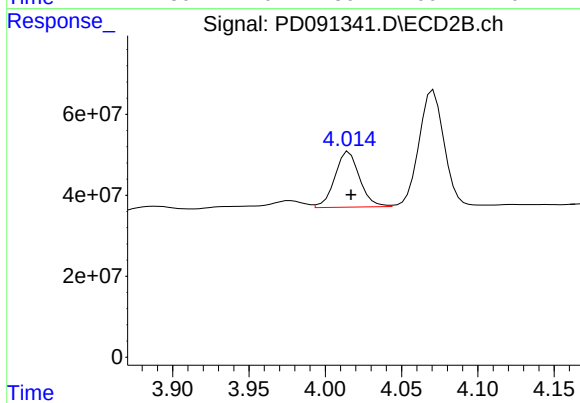
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 332469250
Conc: 5.89 ng/ml



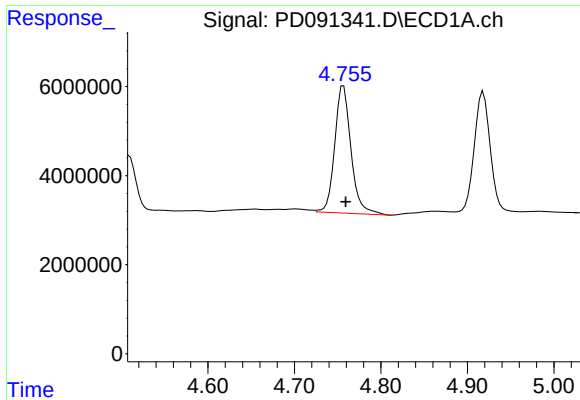
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 15655386
Conc: 5.39 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.001 min
Response: 155181480
Conc: 6.46 ng/ml



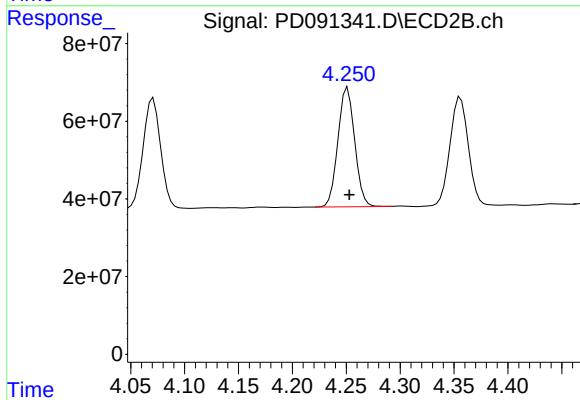
#7 delta-BHC

R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 37215239
Conc: 5.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-06-112025

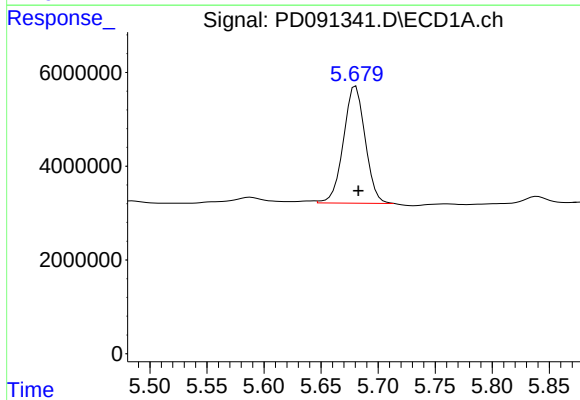
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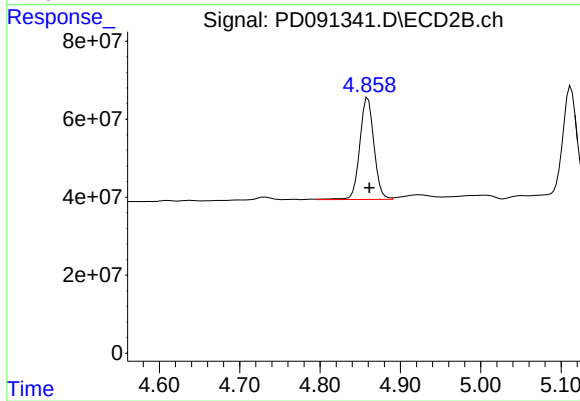
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 33355312
Conc: 5.70 ng/ml



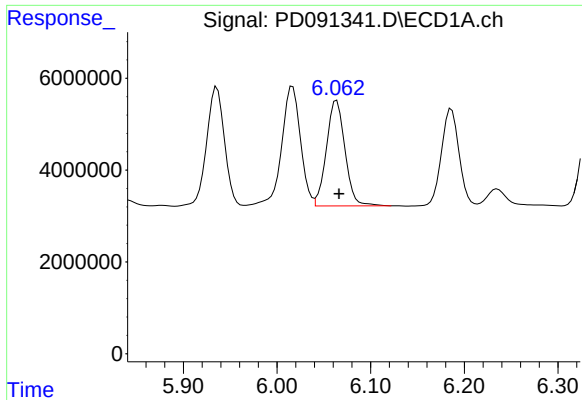
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 33046789
Conc: 5.09 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 320665161
Conc: 6.29 ng/ml



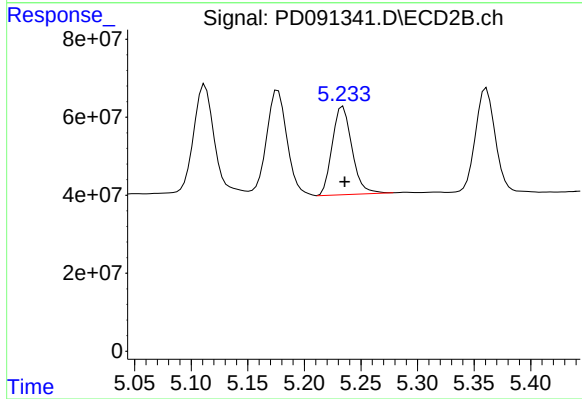
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.003 min
Response: 31587824
Conc: 5.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-06-112025

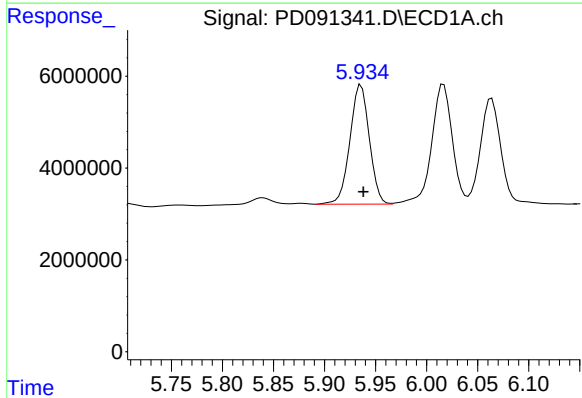
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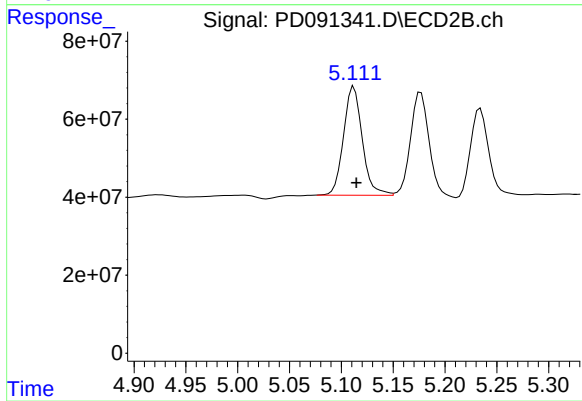
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 274671132
Conc: 5.74 ng/ml



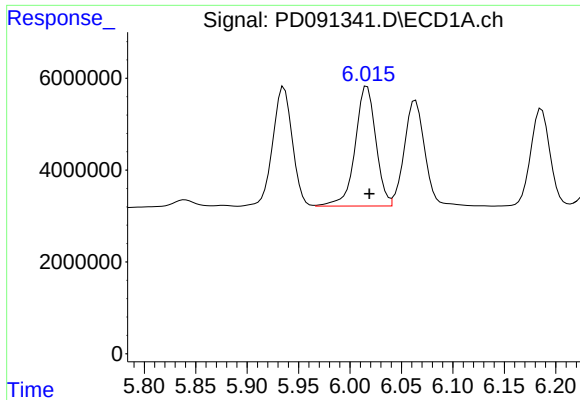
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 34343756
Conc: 5.28 ng/ml



#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 350562741
Conc: 6.42 ng/ml m



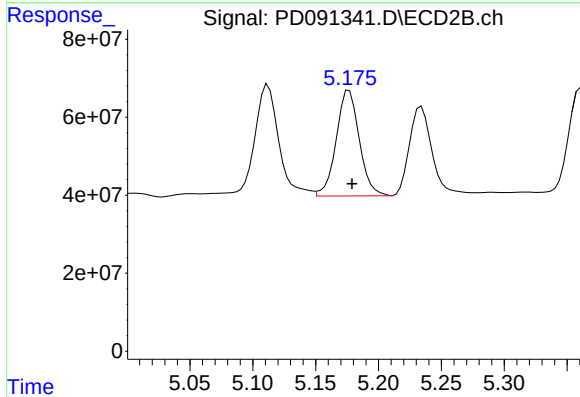
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 36531297
Conc: 5.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-06-112025

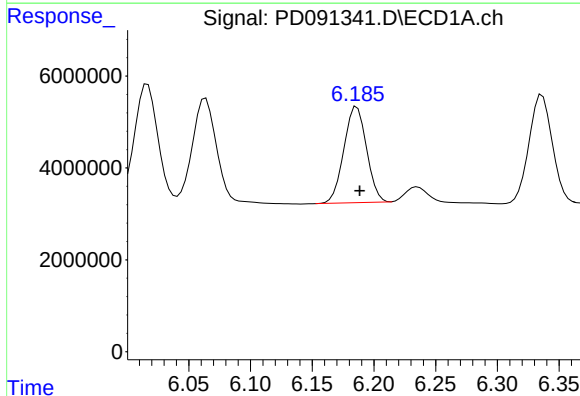
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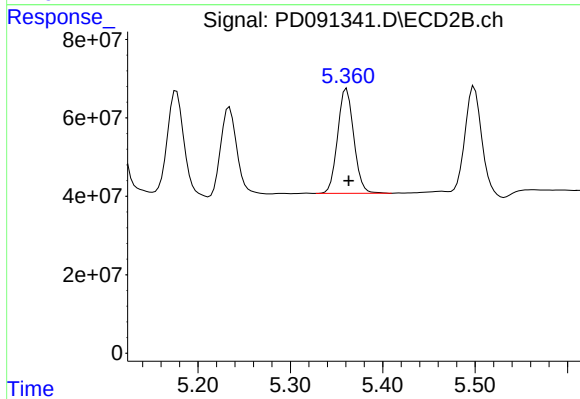
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 346091495
Conc: 6.61 ng/ml



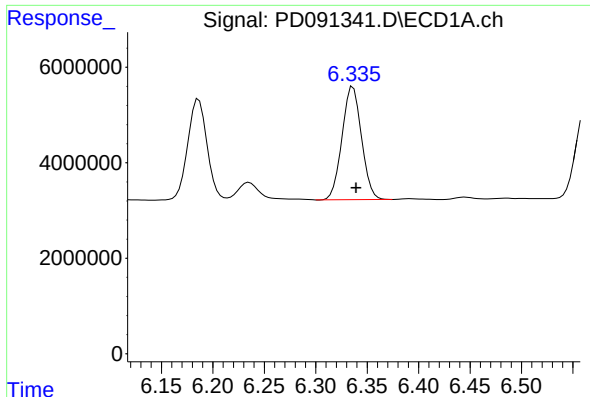
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 26724741
Conc: 4.61 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 325132524
Conc: 6.08 ng/ml



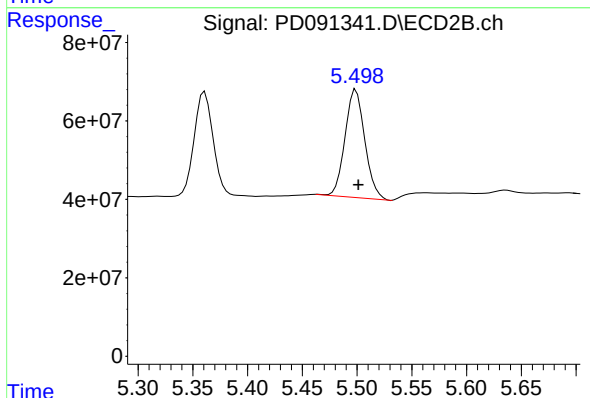
#13 Dieldrin

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 31170472
Conc: 4.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-06-112025

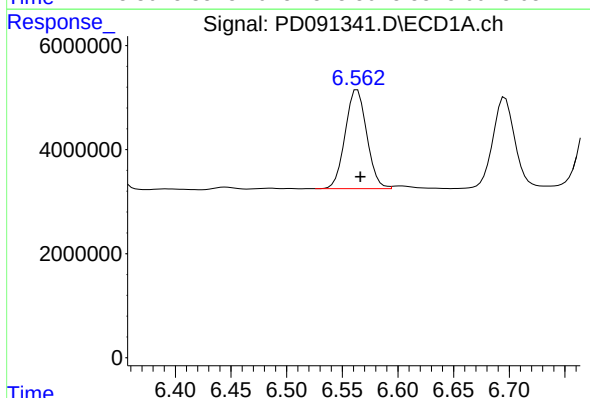
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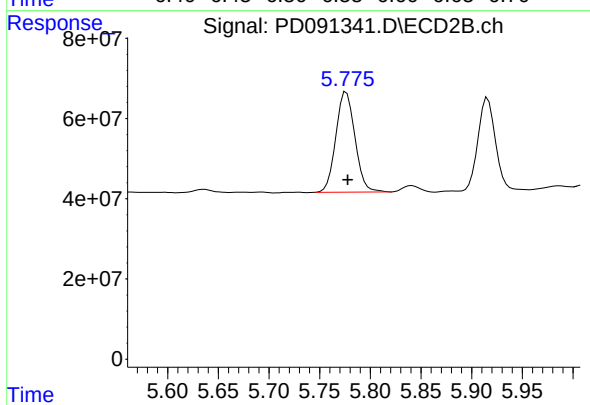
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 346411680
Conc: 6.38 ng/ml



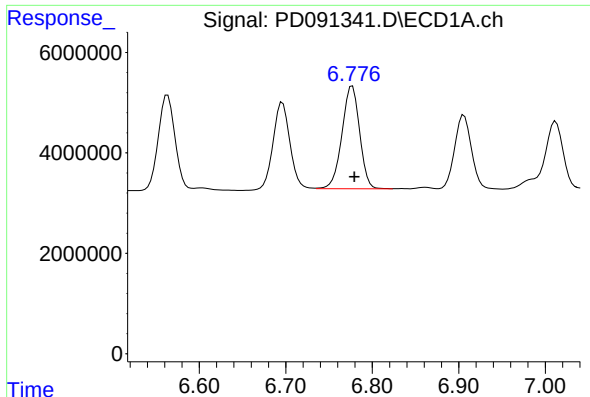
#14 Endrin

R.T.: 6.563 min
Delta R.T.: -0.003 min
Response: 25687264
Conc: 5.18 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 328443617
Conc: 7.27 ng/ml



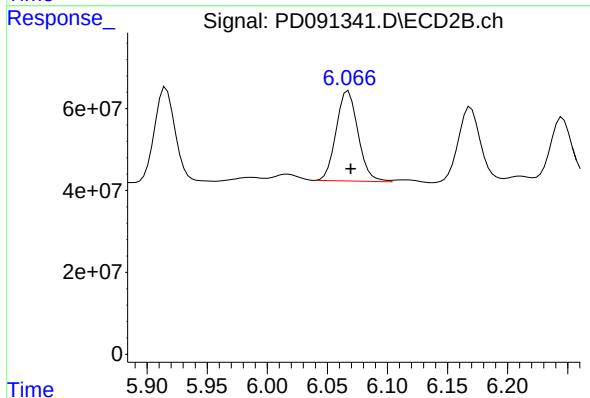
#15 Endosulfan II

R.T.: 6.776 min
Delta R.T.: -0.004 min
Response: 28881224
Conc: 5.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-06-112025

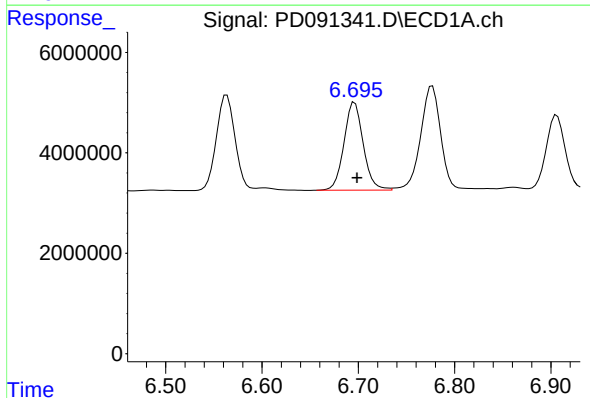
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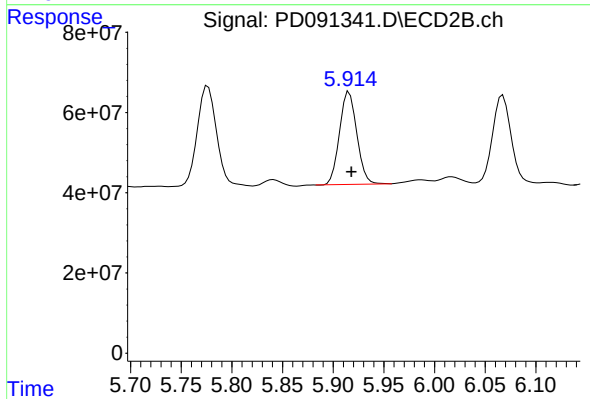
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 279356146
Conc: 5.98 ng/ml



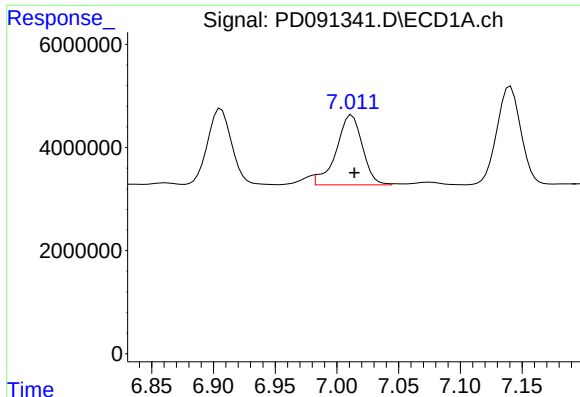
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 24243339
Conc: 4.94 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 274526473
Conc: 5.62 ng/ml



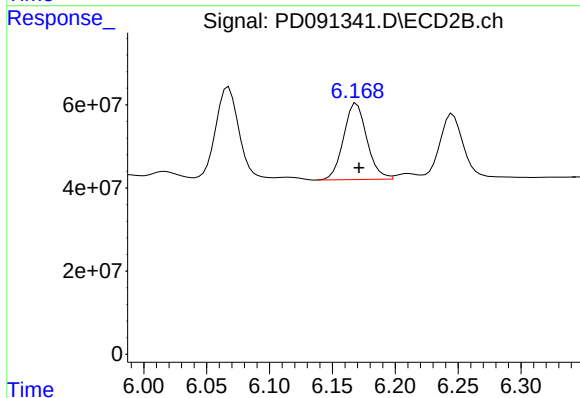
#17 4,4'-DDT

R.T.: 7.011 min
Delta R.T.: -0.004 min
Response: 19934007
Conc: 4.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-06-112025

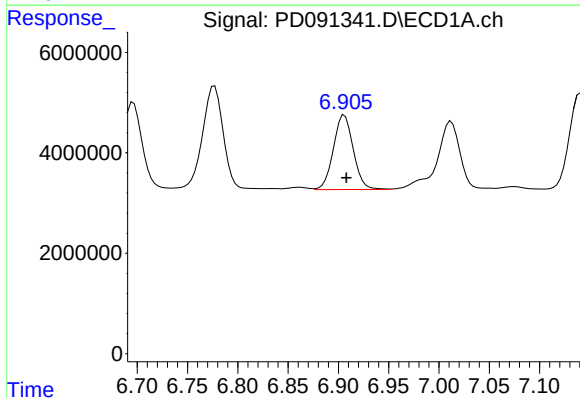
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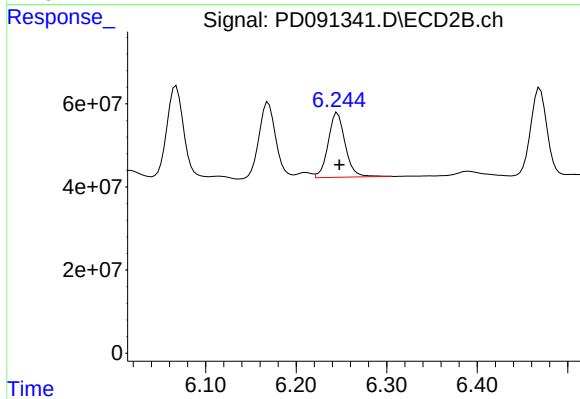
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 237095790
Conc: 6.06 ng/ml



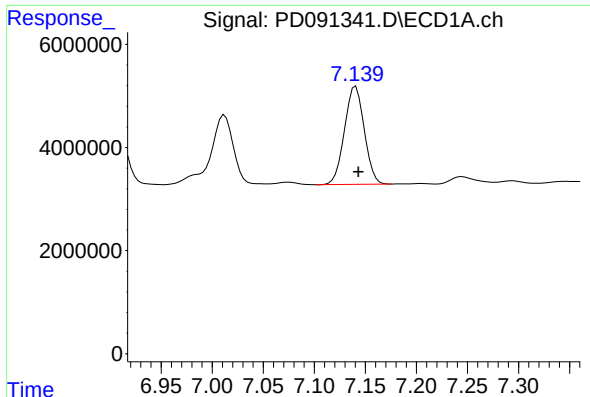
#18 Endrin aldehyde

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 20392453
Conc: 4.89 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 202374377
Conc: 5.73 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.141 min
Delta R.T.: -0.003 min
Response: 25590010
Conc: 4.97 ng/ml

Instrument :

ECD_D

ClientSampleId :

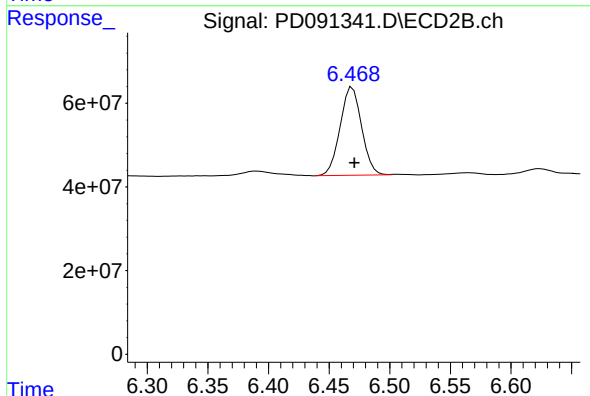
TR-06-112025

Manual Integrations

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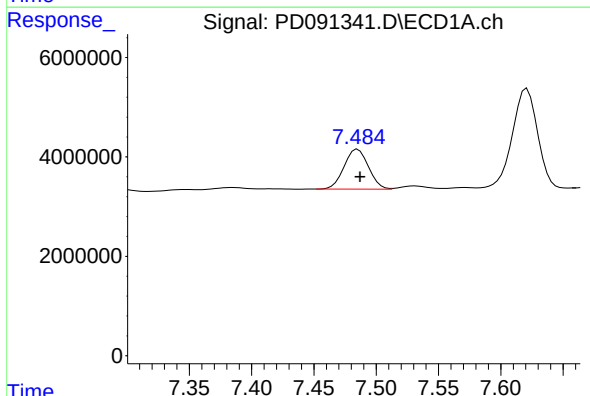
Reviewed By :Rahul Chavli 11/26/2025

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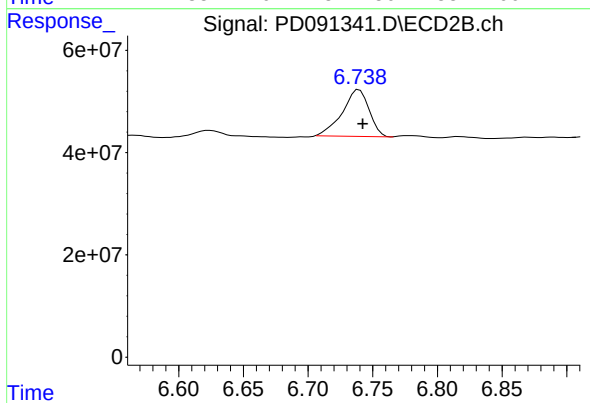
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 259573731
Conc: 5.79 ng/ml



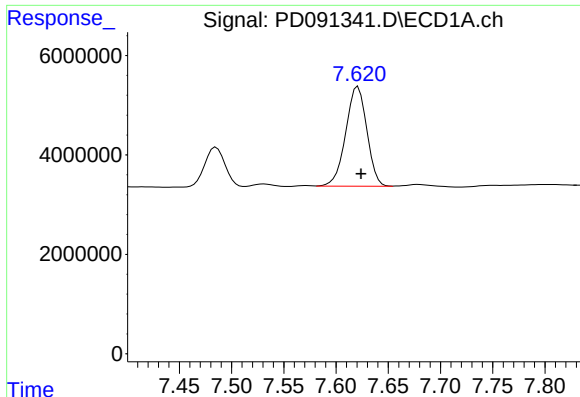
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 10980261
Conc: 5.05 ng/ml m



#20 Methoxychlor

R.T.: 6.740 min
Delta R.T.: -0.003 min
Response: 131495806
Conc: 6.56 ng/ml



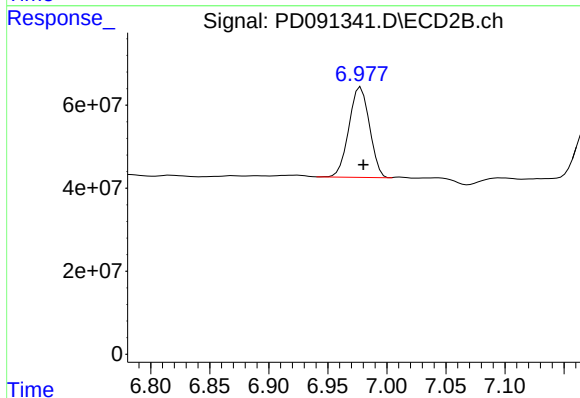
#21 Endrin ketone

R.T.: 7.620 min
Delta R.T.: -0.004 min
Response: 28219873
Conc: 5.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-06-112025

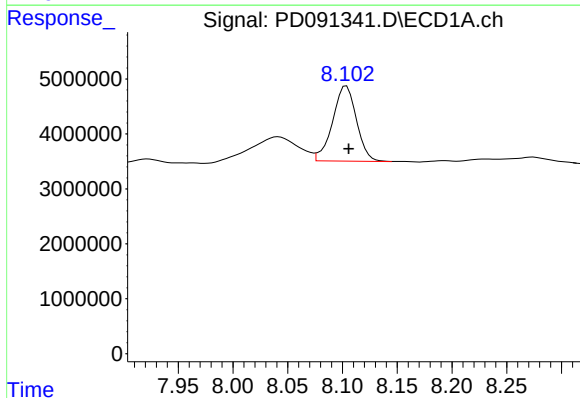
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APPROVED

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



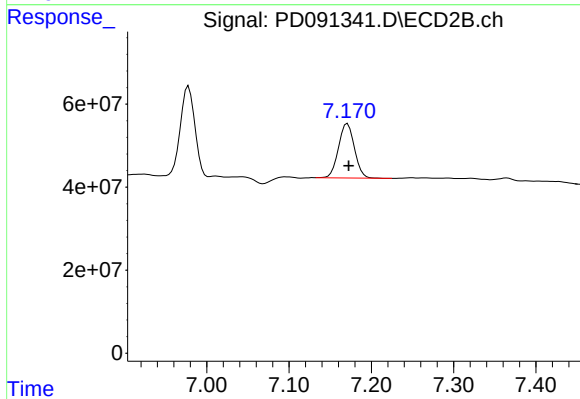
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 264420585
Conc: 5.19 ng/ml



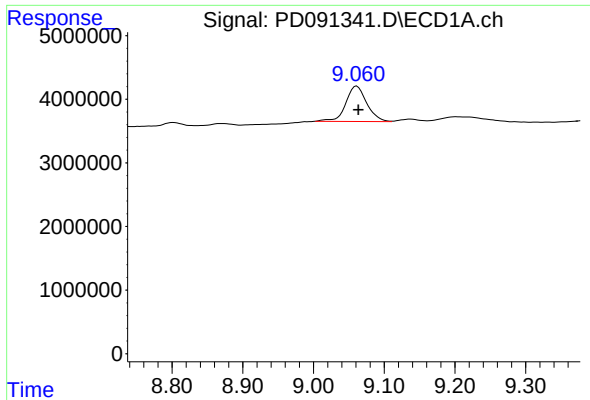
#22 Mirex

R.T.: 8.102 min
Delta R.T.: -0.003 min
Response: 20677352
Conc: 5.81 ng/ml m



#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.001 min
Response: 176653717
Conc: 5.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.002 min
Response: 11466131
Conc: 2.30 ng/ml

Instrument :

ECD_D

ClientSampleId :

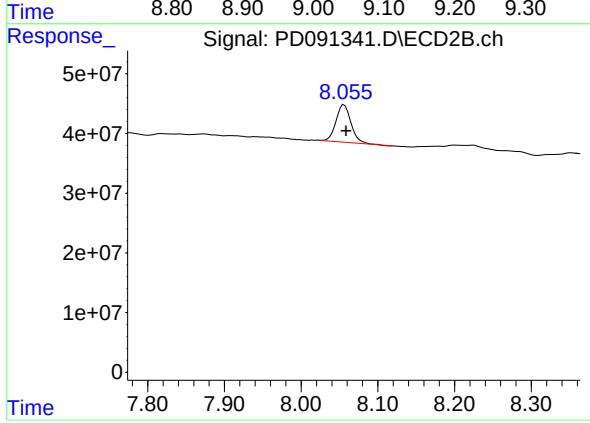
TR-06-112025

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 84492990
Conc: 2.14 ng/ml