

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121525\
 Data File : PD091588.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2025 17:11
 Operator : AR\AJ
 Sample : Q3846-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BU-02-12112025

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 01:11:18 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...	3.546	2.869	45814382	556.9E6	13.190	14.134
28)	SA Decachlor...	9.065	8.056	71485033	478.2E6	13.752	11.548
Target Compounds							
4)	MA Heptachlor	4.922	4.067	2969950	32973525	0.418m	0.566m#
5)	MB Aldrin	5.263	4.353	7929430	77854965	1.140m	1.343m
10)	B gamma-Chl...	5.940	5.113	4479698	25083493	0.702m	0.449 #
11)	B alpha-Chl...	6.025	5.176	11372448	63872596	1.693	1.193 #
12)	B 4,4'-DDE	6.191	5.360	14709409	170.6E6	2.532	3.113
17)	MA 4,4'-DDT	7.014	6.168	3353015	44942324	0.650m	0.948 #

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

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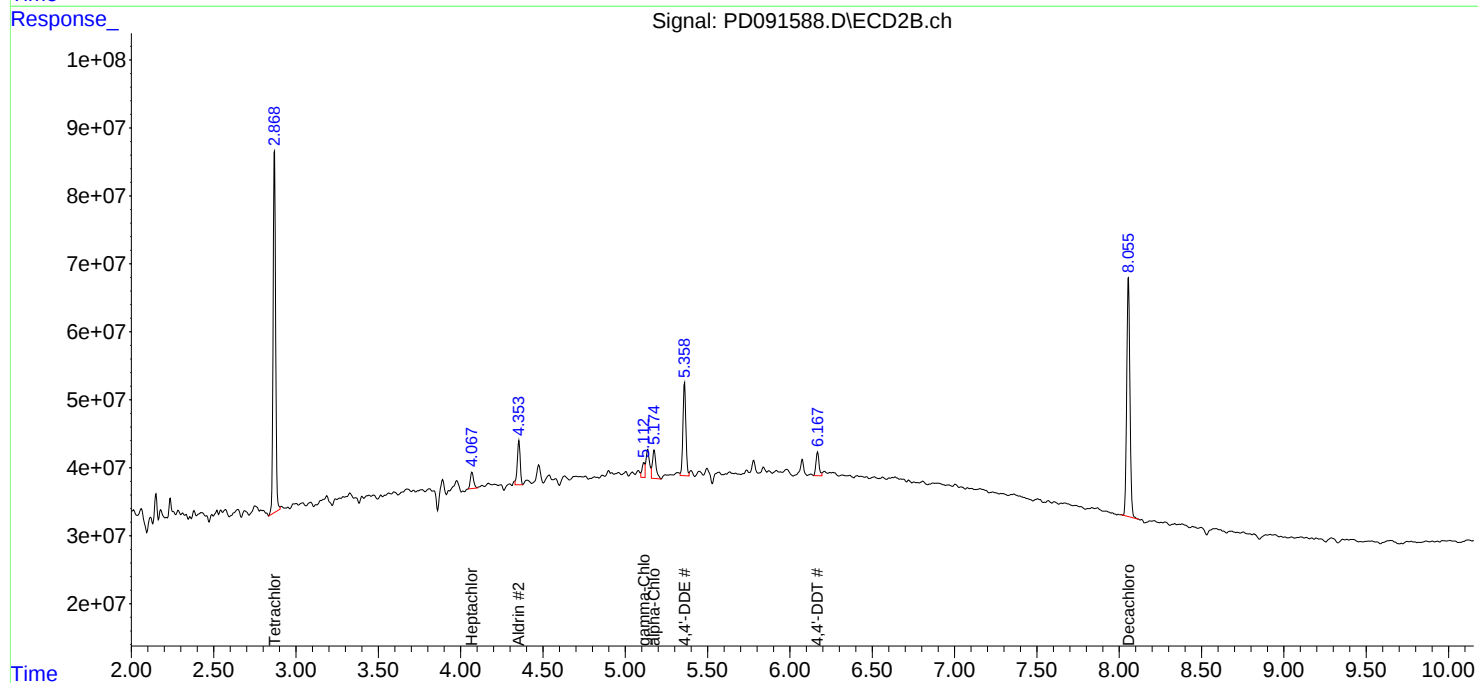
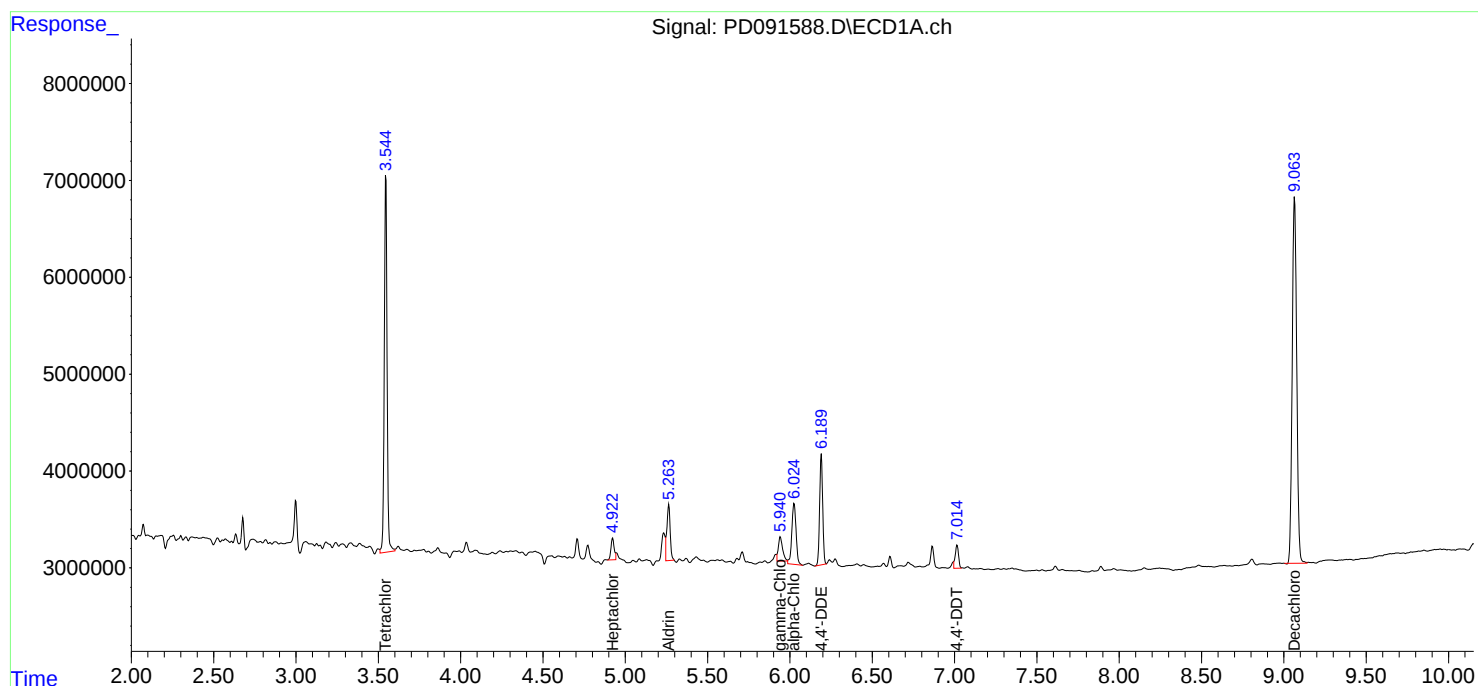
Instrument :
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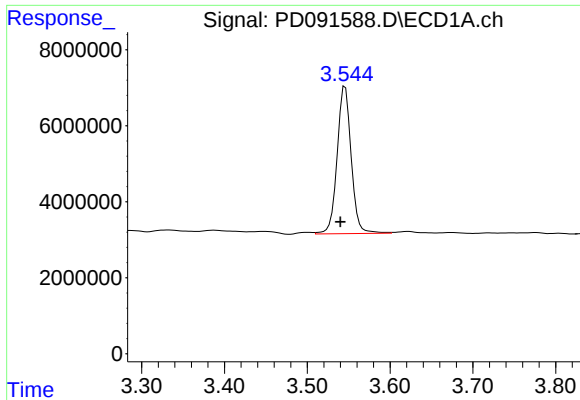
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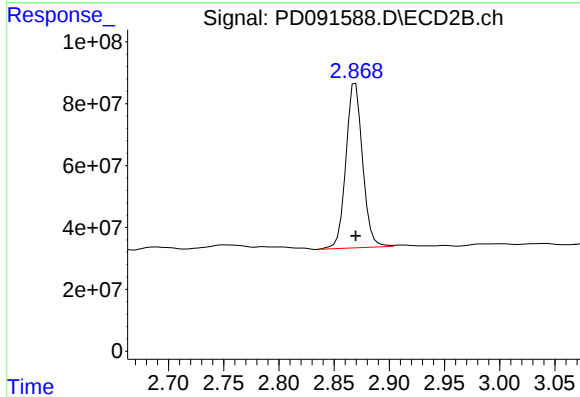
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.006 min
Response: 45814382
Conc: 13.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
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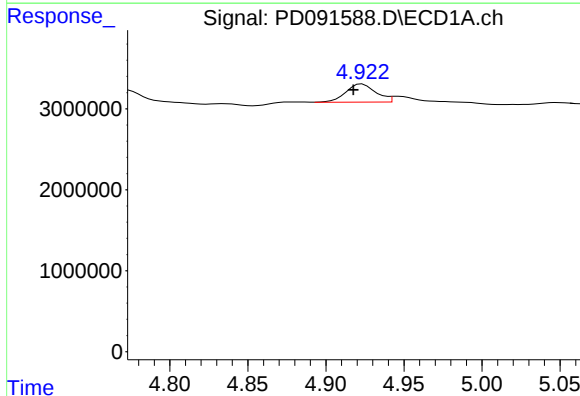
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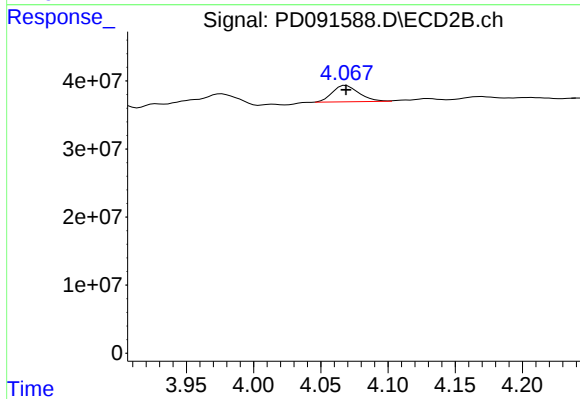
#1 Tetrachloro-m-xylene

R.T.: 2.869 min
Delta R.T.: 0.000 min
Response: 556922356
Conc: 14.13 ng/ml



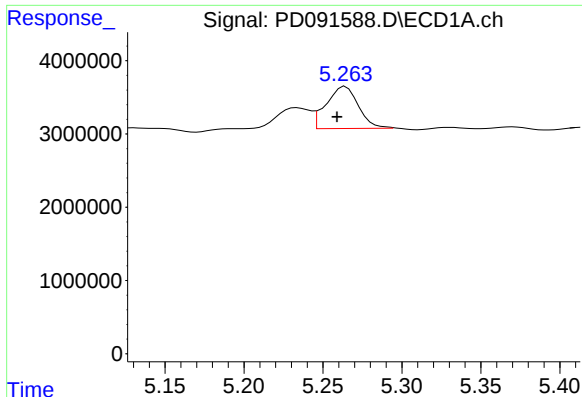
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.004 min
Response: 2969950
Conc: 0.42 ng/ml m



#4 Heptachlor

R.T.: 4.067 min
Delta R.T.: -0.001 min
Response: 32973525
Conc: 0.57 ng/ml m



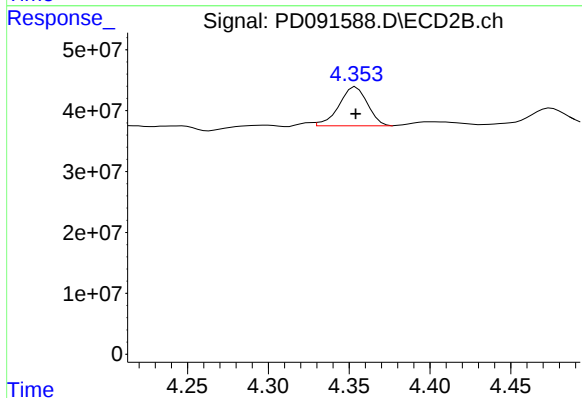
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.004 min
Response: 7929430
Conc: 1.14 ng/ml

Instrument :
ECD_D
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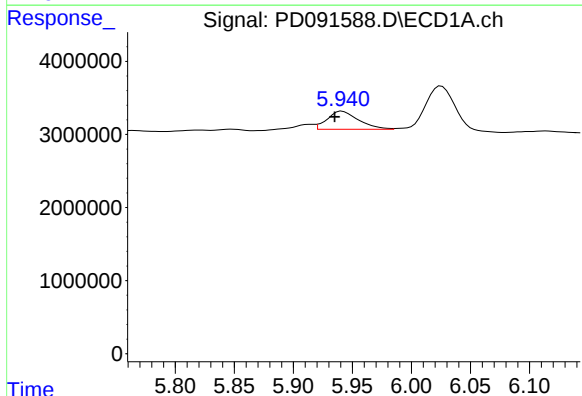
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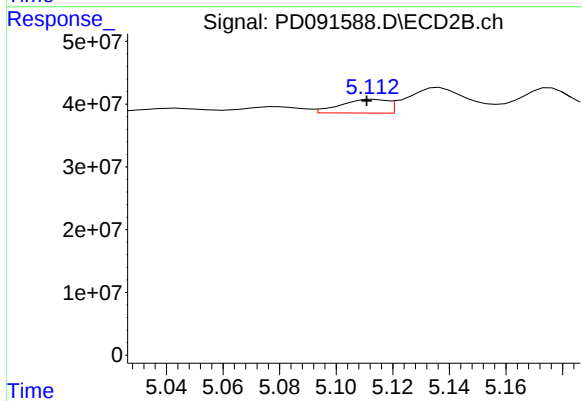
#5 Aldrin

R.T.: 4.353 min
Delta R.T.: -0.001 min
Response: 77854965
Conc: 1.34 ng/ml m



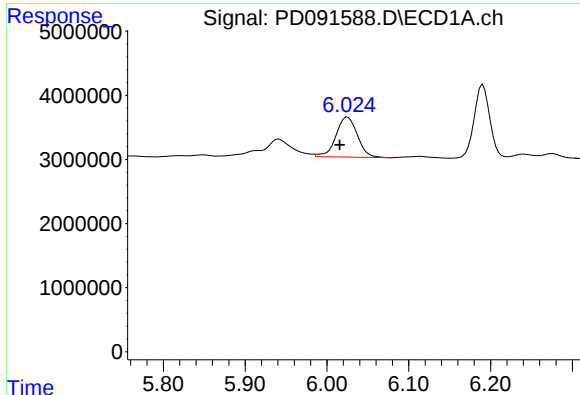
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.005 min
Response: 4479698
Conc: 0.70 ng/ml m



#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: 0.003 min
Response: 25083493
Conc: 0.45 ng/ml



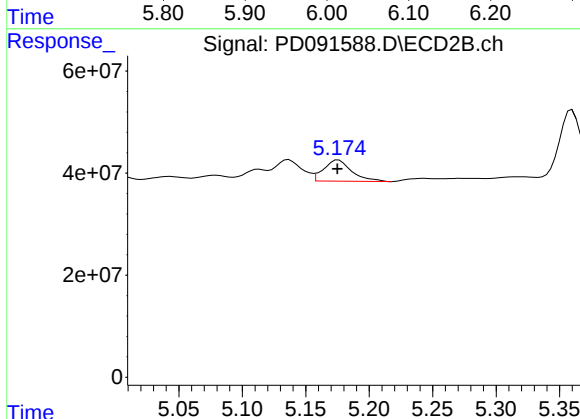
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.010 min
Response: 11372448
Conc: 1.69 ng/ml

Instrument :
ECD_D
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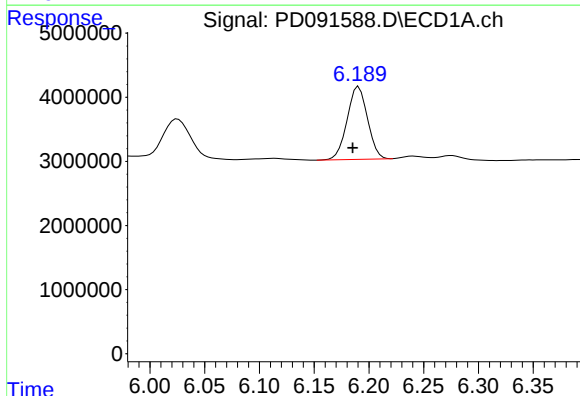
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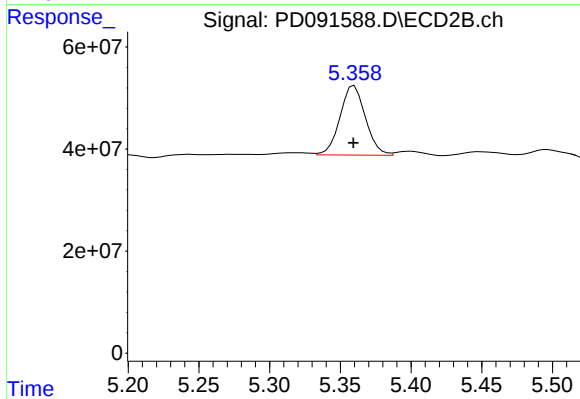
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 63872596
Conc: 1.19 ng/ml



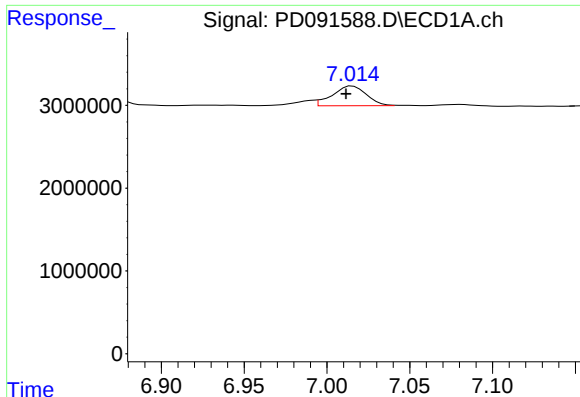
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.006 min
Response: 14709409
Conc: 2.53 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 170628857
Conc: 3.11 ng/ml



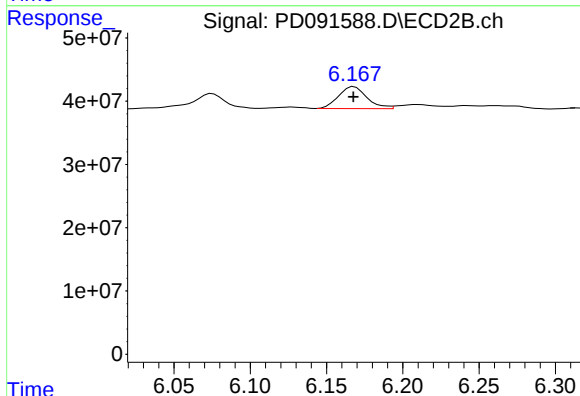
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: 0.002 min
Response: 3353015
Conc: 0.65 ng/ml

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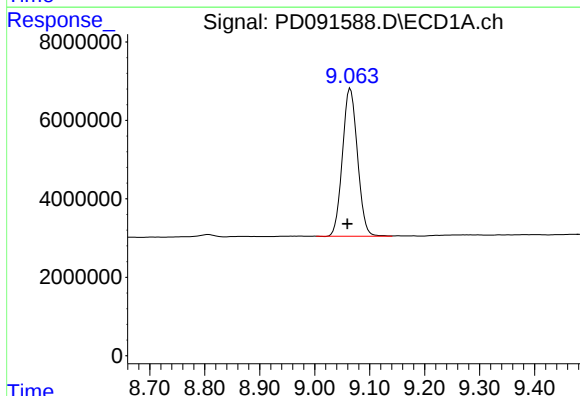
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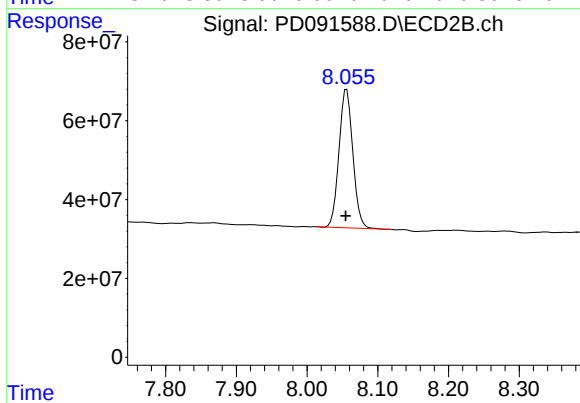
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 44942324
Conc: 0.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.006 min
Response: 71485033
Conc: 13.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: 0.001 min
Response: 478195539
Conc: 11.55 ng/ml