

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100625\
 Data File : PD090524.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2025 14:51
 Operator : AR\AJ
 Sample : Q3289-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 72-11966

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/07/2025
 Supervised By : mohammad ahmed 10/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 03:22:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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	2.874	57295571	500.8E6	17.627m	18.244m
28)	SA Decachlor...	9.063	8.059	66172794	362.3E6	13.714	11.178m
Target Compounds							
8)	B Heptachlo...	5.683	4.864	23561599	117.7E6	4.123m	3.194
10)	B gamma-Chl...	5.940	5.117	47694821	318.5E6	8.350	8.106
11)	B alpha-Chl...	6.021	5.181	84348138	388.3E6	14.642m	10.310 #
12)	B 4,4'-DDE	6.189	5.366	4679585	33686149	0.899	0.880
17)	MA 4,4'-DDT	7.013	6.173	3487227	42598354	0.783m	1.239 #

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

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Operator : AR\AJ
Sample : Q3289-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

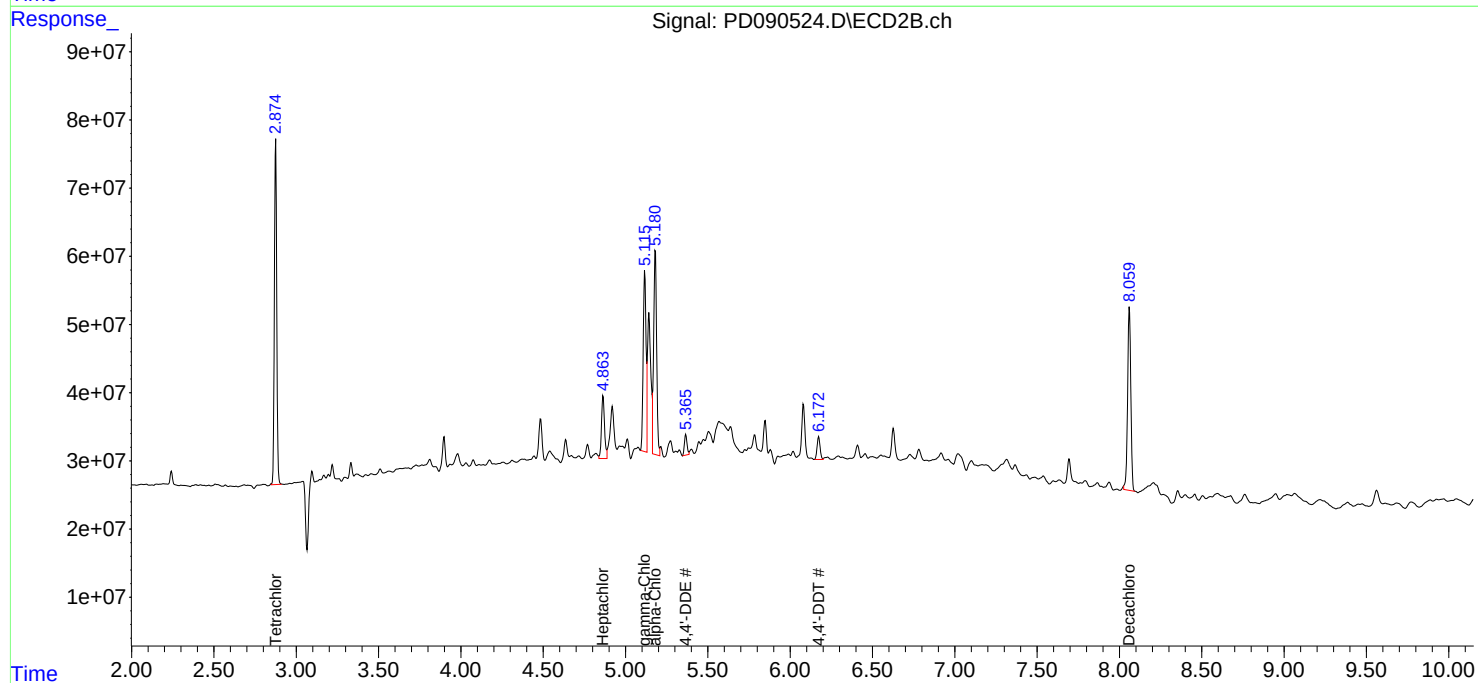
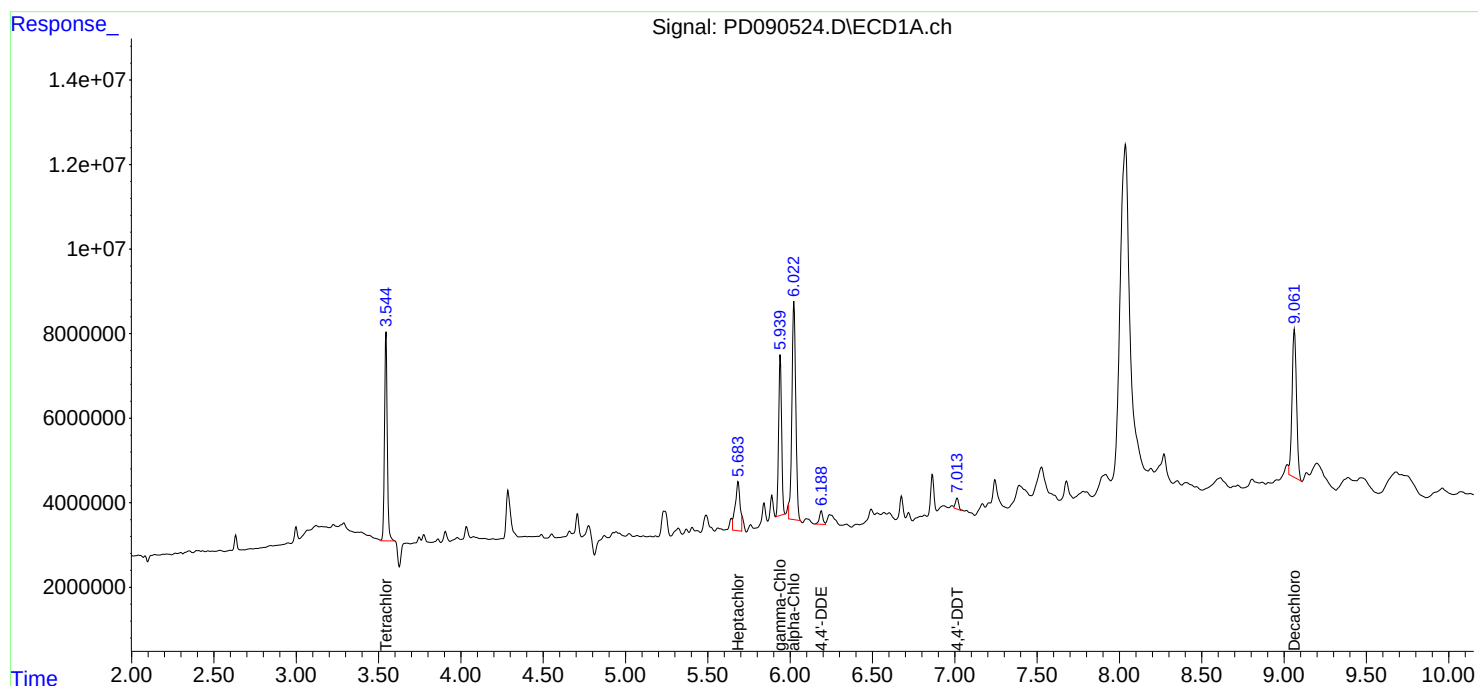
Instrument :
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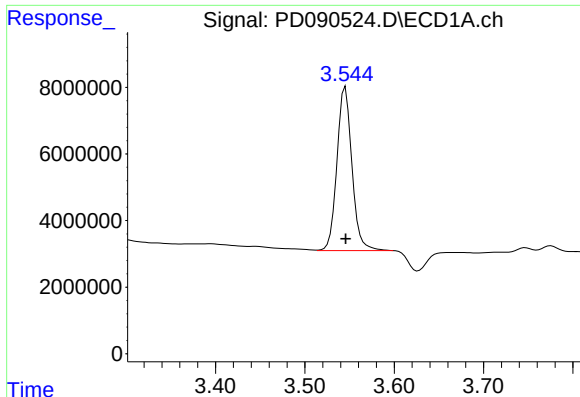
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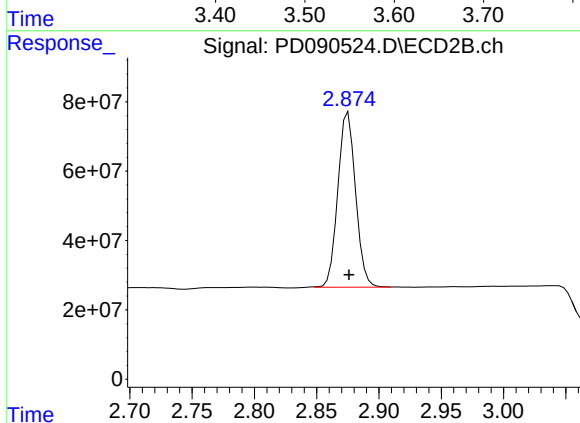
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.002 min
Response: 57295571
Conc: 17.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11966

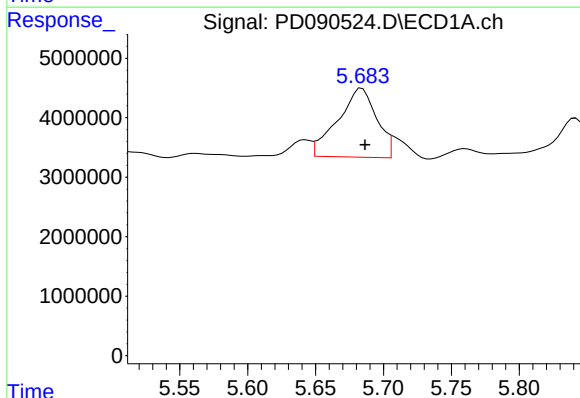
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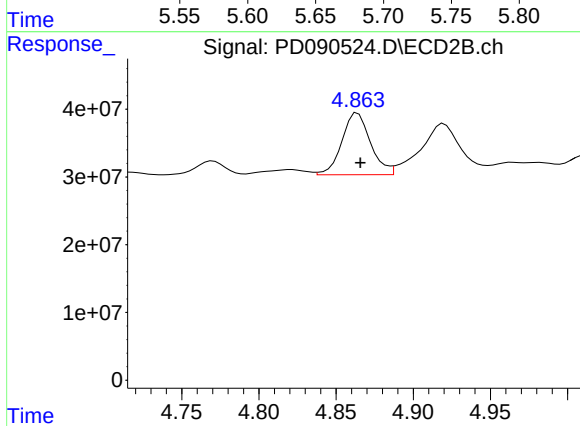
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 500801529
Conc: 18.24 ng/ml m



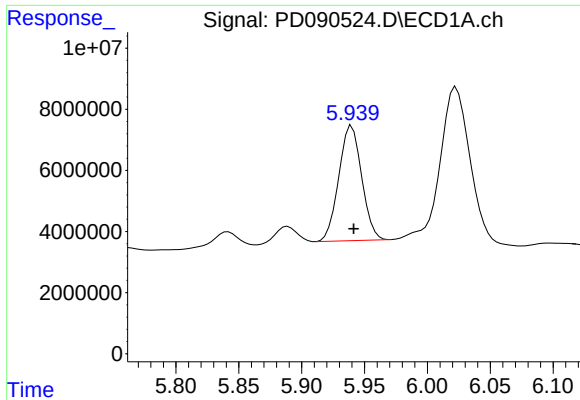
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.004 min
Response: 23561599
Conc: 4.12 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: -0.002 min
Response: 117749275
Conc: 3.19 ng/ml



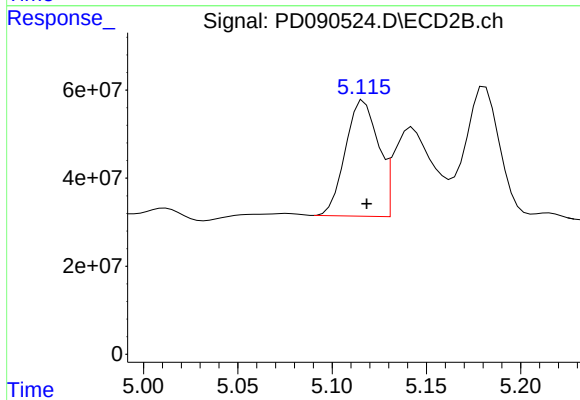
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 47694821
Conc: 8.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
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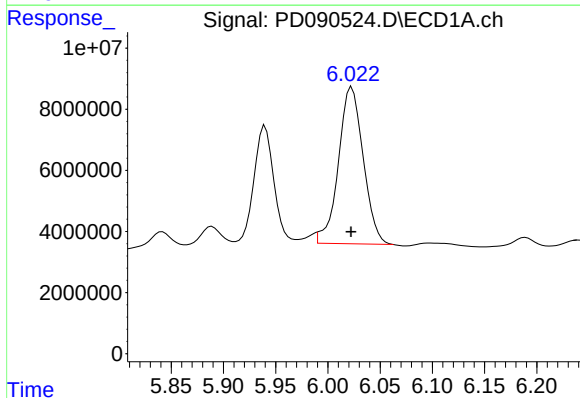
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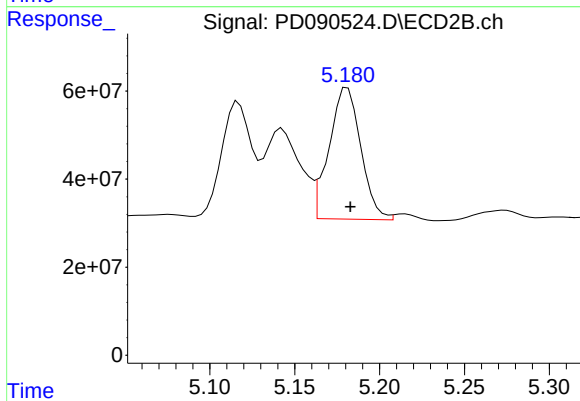
#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 318450495
Conc: 8.11 ng/ml



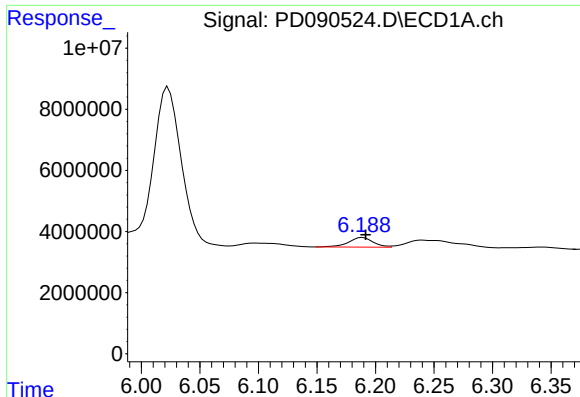
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 84348138
Conc: 14.64 ng/ml m



#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: -0.002 min
Response: 388328049
Conc: 10.31 ng/ml



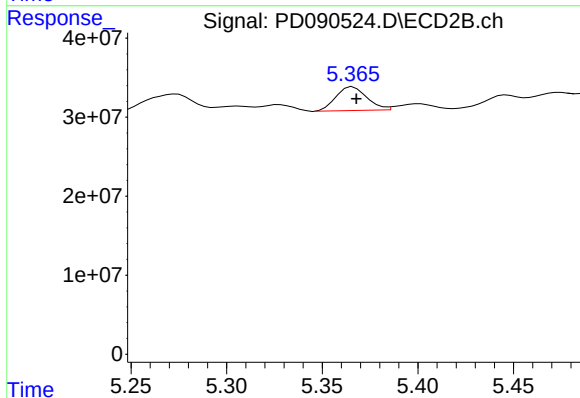
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.002 min
Response: 4679585
Conc: 0.90 ng/ml

Instrument :
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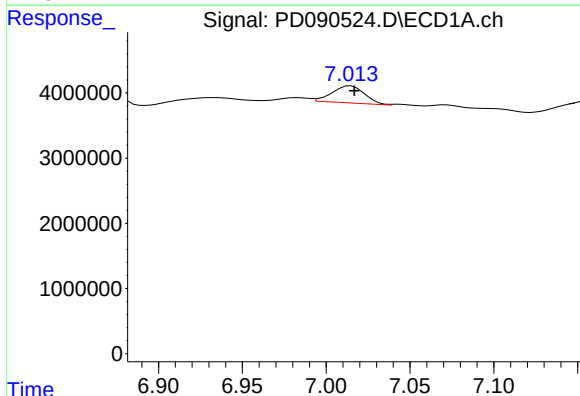
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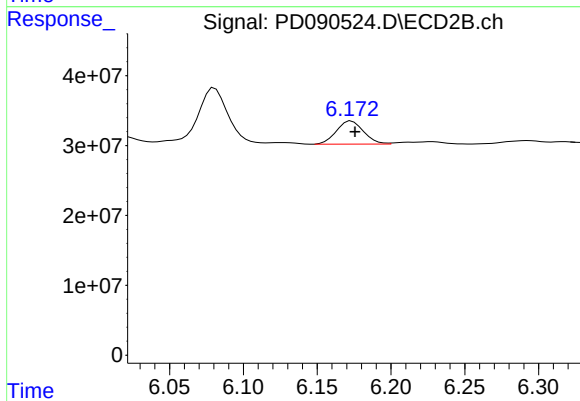
#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 33686149
Conc: 0.88 ng/ml



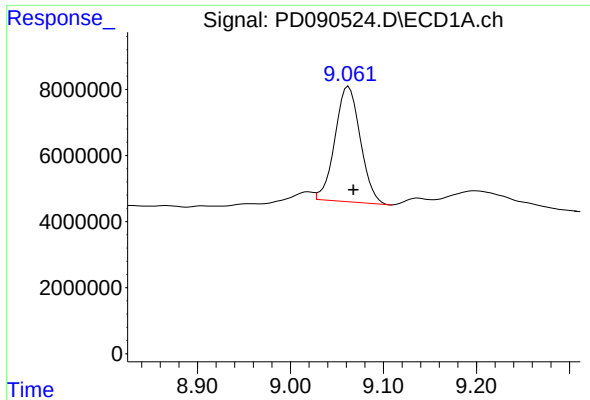
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.004 min
Response: 3487227
Conc: 0.78 ng/ml m



#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.002 min
Response: 42598354
Conc: 1.24 ng/ml



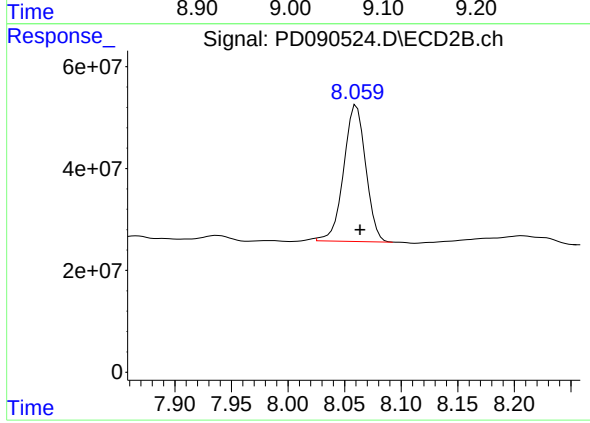
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.005 min
Response: 66172794
Conc: 13.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 362337723
Conc: 11.18 ng/ml m