

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090325\
 Data File : PD090134.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 03:11
 Operator : AR\AJ
 Sample : Q3003-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 VNJ-231

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/04/2025
 Supervised By : mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 05:31:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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...	3.549	2.876	58527557	464.4E6	19.942	21.062m
28)	SA Decachlor...	9.071	8.064	102.0E6	541.8E6	23.623m	20.931
Target Compounds							
4)	MA Heptachlor	4.927	4.078	58041988	472.8E6	10.348m	15.158 #
8)	B Heptachlo...	5.689	4.867	630.8E6	2483.5E6	128.564	89.675 #
10)	B gamma-Chl...	5.945	5.118	3939.0E6	12344.4E6	805.351	416.882 #
11)	B alpha-Chl...	6.028	5.185	5657.0E6	14476.6E6	1149.237	507.272 #
12)	B 4,4'-DDE	6.180	5.370	293.3E6	441.4E6	66.838m	15.314 #
17)	MA 4,4'-DDT	7.020	6.178	51080896	483.9E6	13.408	19.301 #

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

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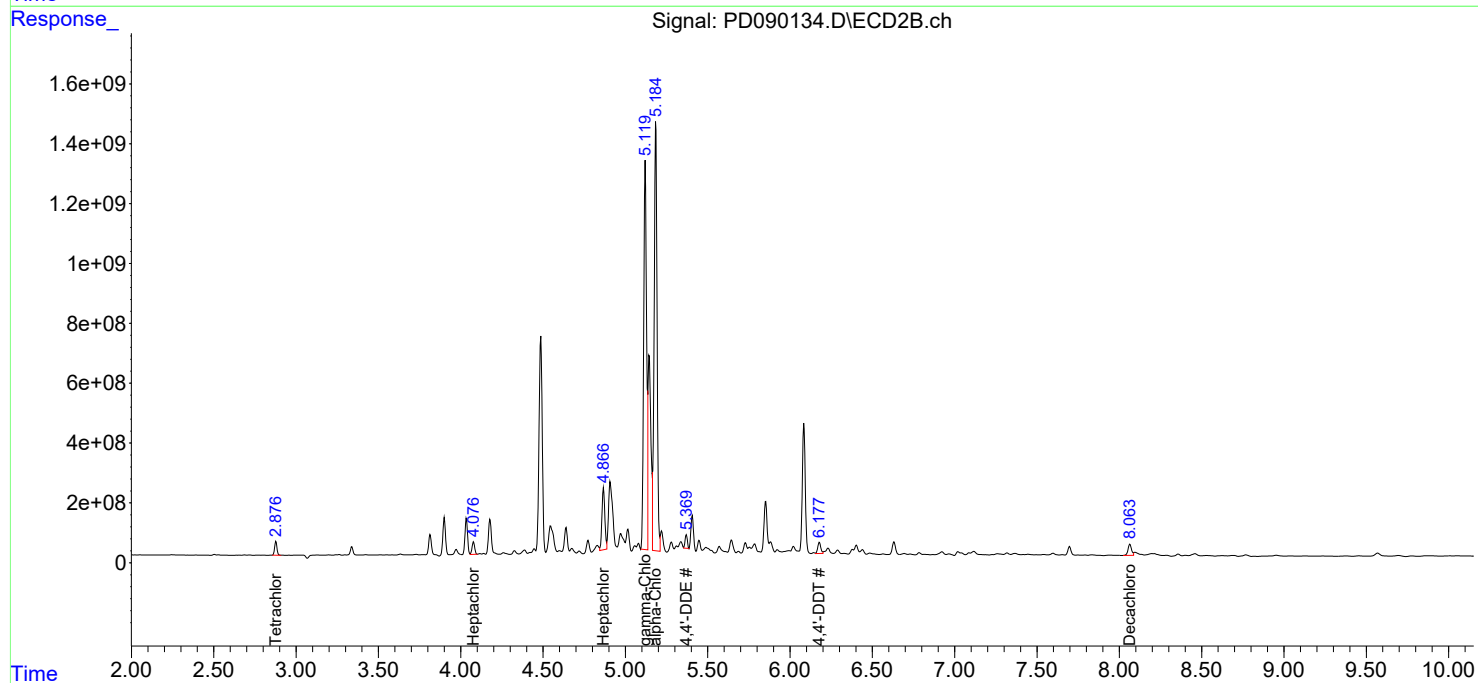
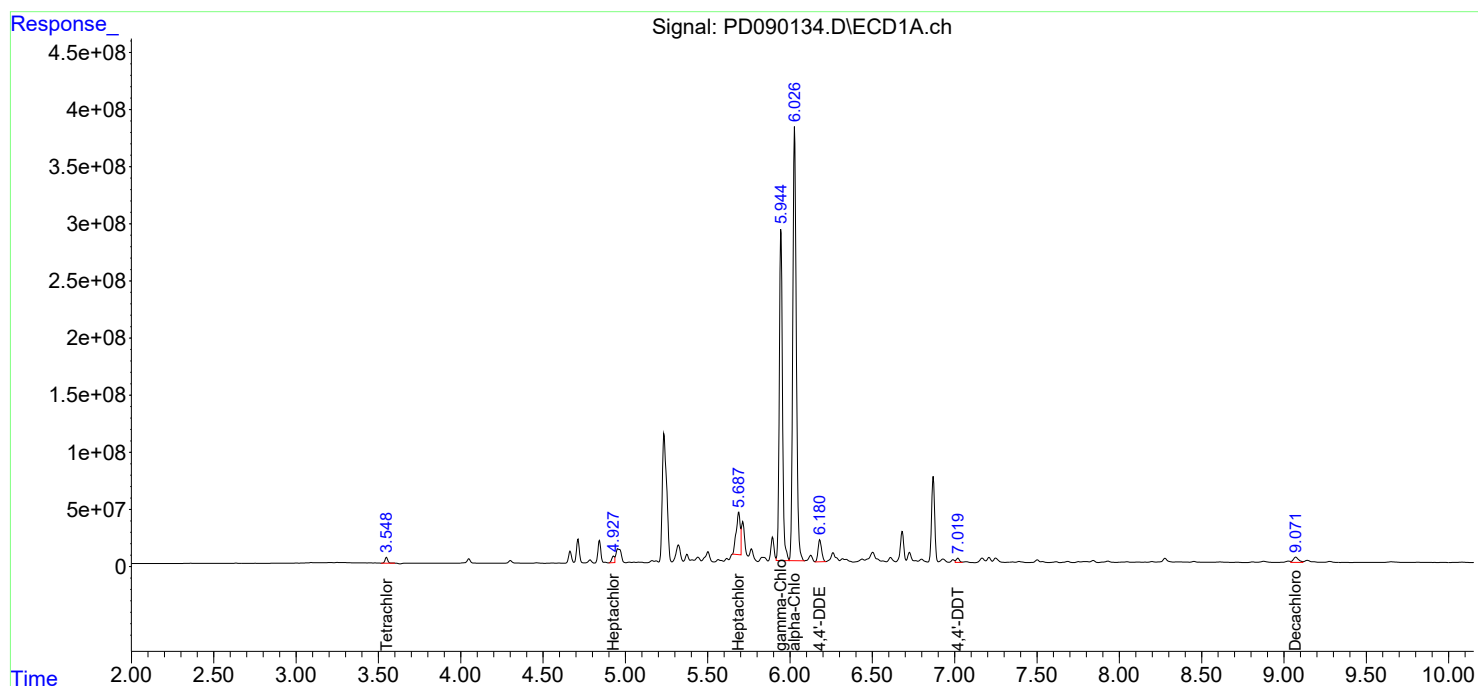
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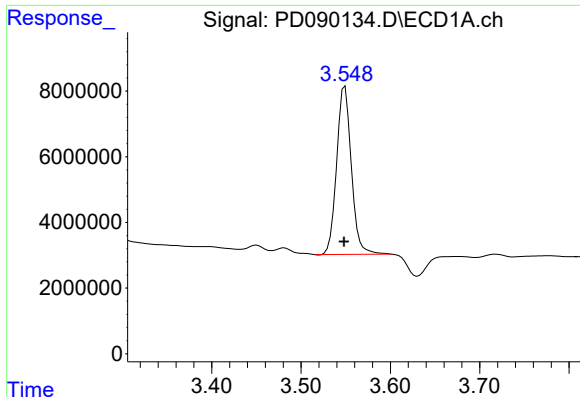
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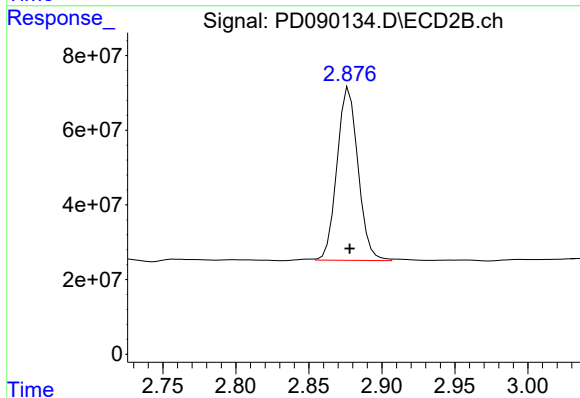
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.001 min
Response: 58527557
Conc: 19.94 ng/ml

Instrument :
ECD_D
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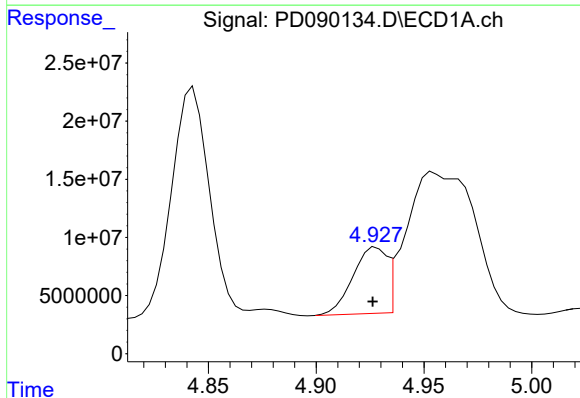
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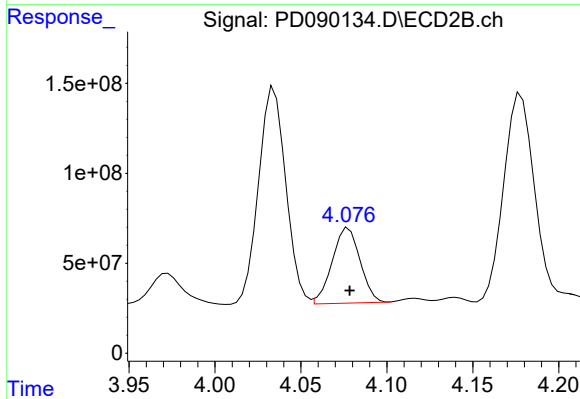
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 464419592
Conc: 21.06 ng/ml m



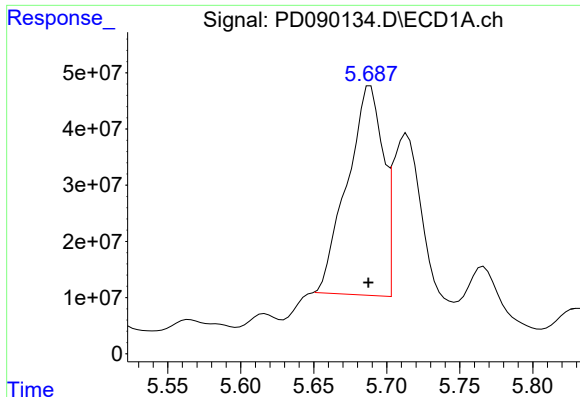
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 58041988
Conc: 10.35 ng/ml m



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 472814621
Conc: 15.16 ng/ml



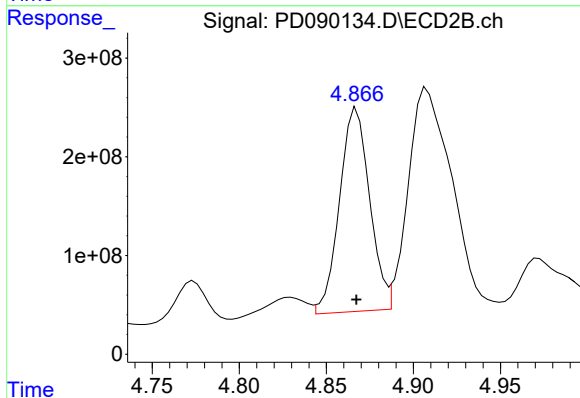
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.002 min
Response: 630837131
Conc: 128.56 ng/ml

Instrument :
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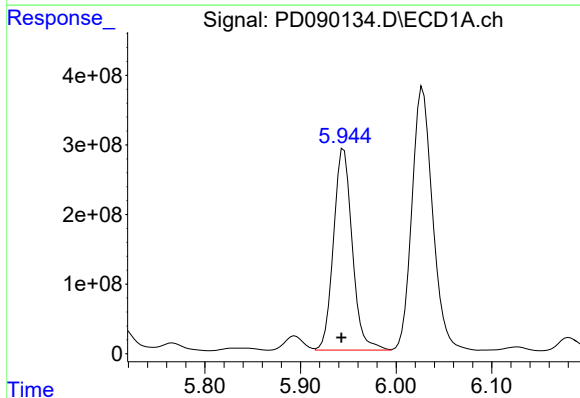
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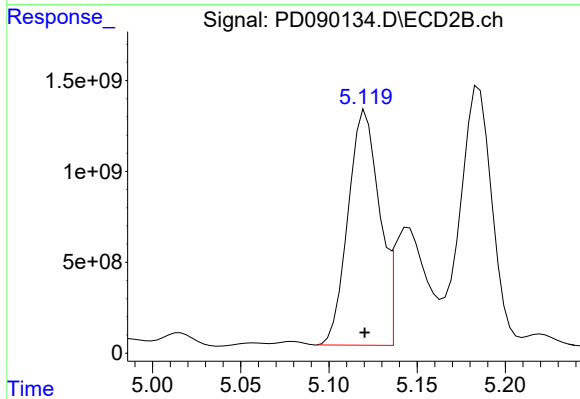
#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 2483540906
Conc: 89.68 ng/ml



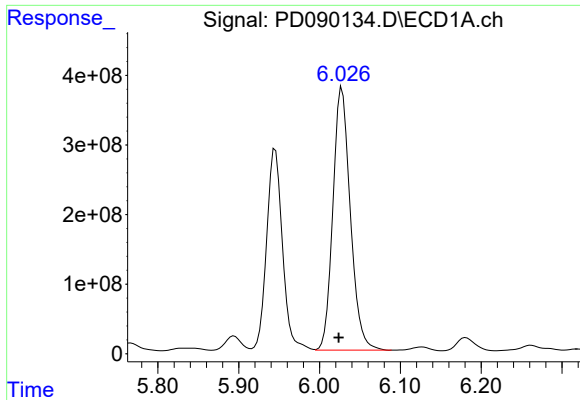
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.002 min
Response: 3938959256
Conc: 805.35 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 12344403334
Conc: 416.88 ng/ml



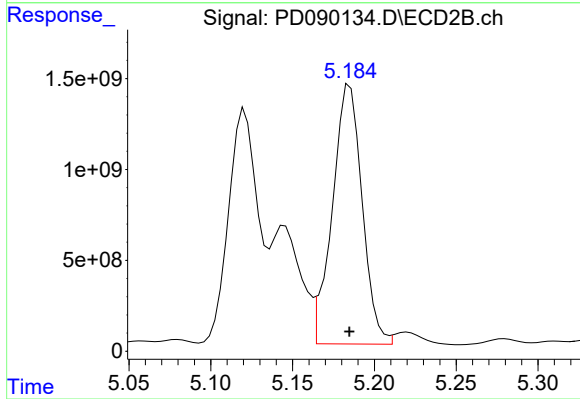
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.004 min
Response: 5657026683
Conc: 1149.24 ng/ml

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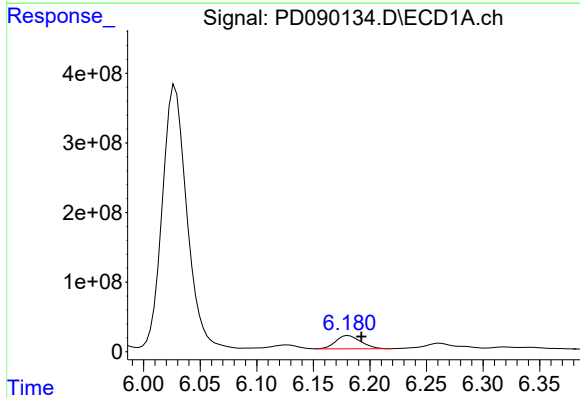
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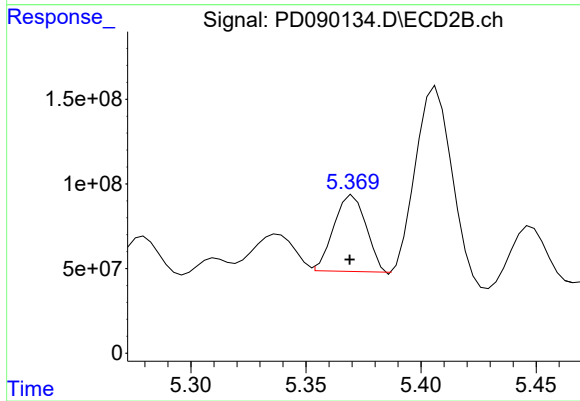
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 14476589078
Conc: 507.27 ng/ml



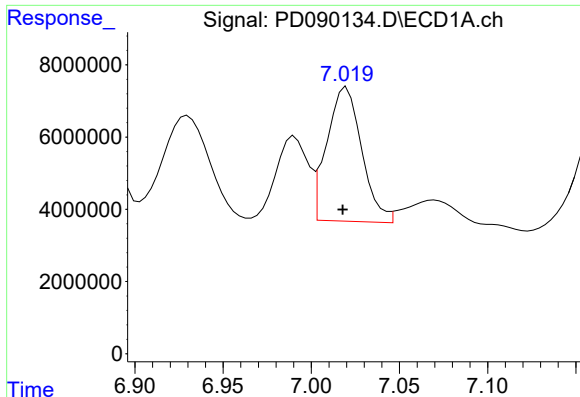
#12 4,4'-DDE

R.T.: 6.180 min
Delta R.T.: -0.013 min
Response: 293304908
Conc: 66.84 ng/ml m



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.001 min
Response: 441393006
Conc: 15.31 ng/ml



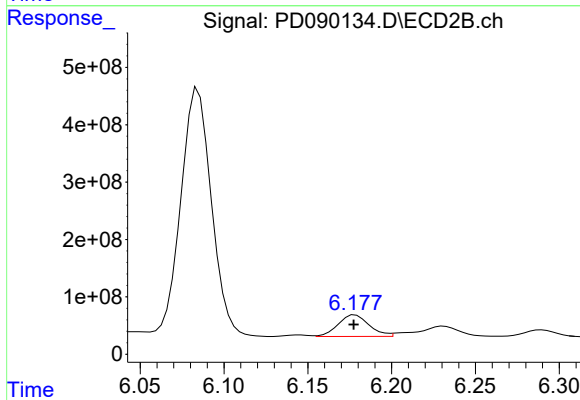
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 51080896
Conc: 13.41 ng/ml

Instrument :
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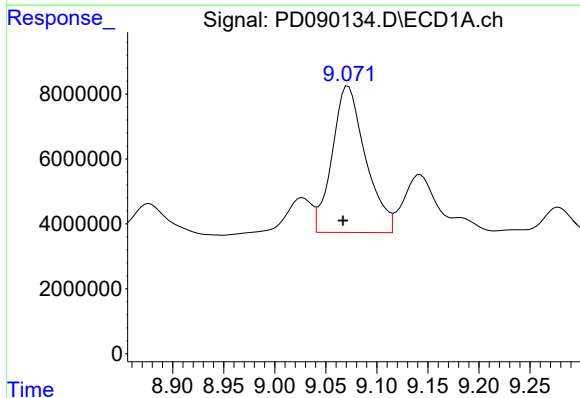
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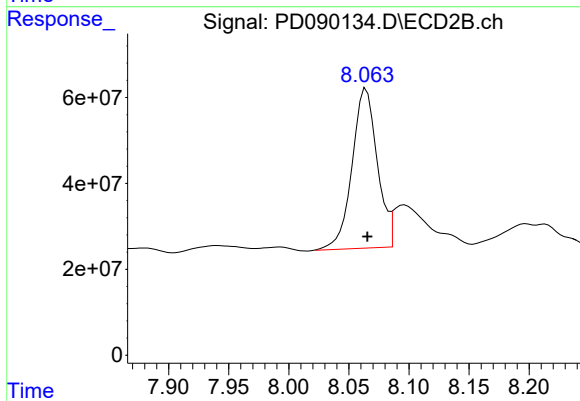
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 483868296
Conc: 19.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.003 min
Response: 101955023
Conc: 23.62 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 541804137
Conc: 20.93 ng/ml