

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081625\  
 Data File : PD089907.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2025 10:21  
 Operator : AR\AJ  
 Sample : Q2819-06DL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 11M-SDL

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 08/18/2025  
 Supervised By : mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 18 01:49:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 01 07:03:58 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...          | 3.553 | 2.876 | 9713113  | 76911084 | 3.938   | 4.856m   |
| 2) SA Decachlor...          | 9.073 | 8.068 | 11575456 | 80645182 | 3.115   | 4.017 #  |
| Target Compounds            |       |       |          |          |         |          |
| 8) B Heptachlo...           | 5.692 | 4.870 | 45931894 | 318.7E6  | 10.987m | 15.509 # |
| 10) B gamma-Chl...          | 5.949 | 5.123 | 19338610 | 90531118 | 4.627   | 4.181    |
| 11) B alpha-Chl...          | 6.031 | 5.187 | 105.7E6  | 489.2E6  | 25.150  | 23.496   |
| 12) B 4,4'-DDE              | 6.197 | 5.372 | 3400750  | 22328430 | 0.912   | 1.056    |
| 13) MA Dieldrin             | 6.349 | 5.510 | 257.6E6  | 1608.7E6 | 60.985  | 74.343   |
| -----                       |       |       |          |          |         |          |

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

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Data File : PD089907.D  
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Acq On : 15 Aug 2025 10:21  
Operator : AR\AJ  
Sample : Q2819-06DL 5X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

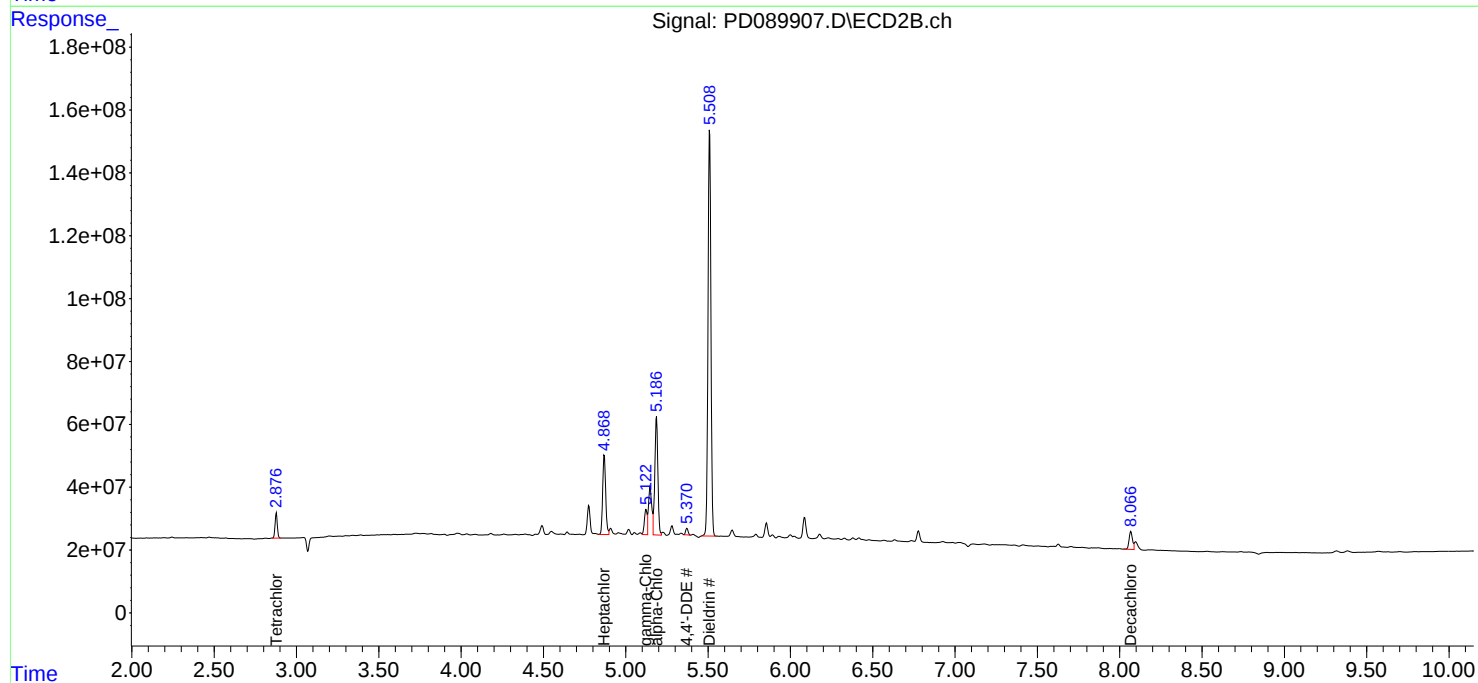
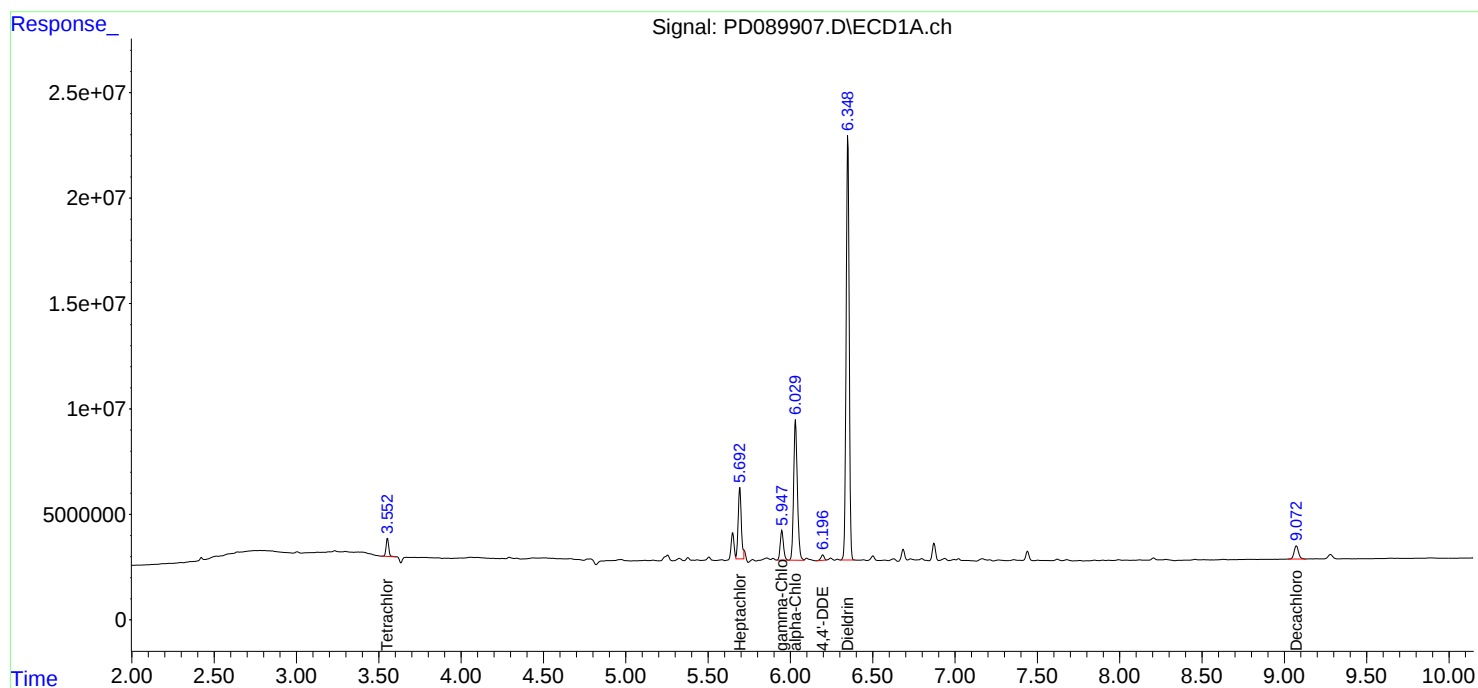
Instrument :  
ECD\_D  
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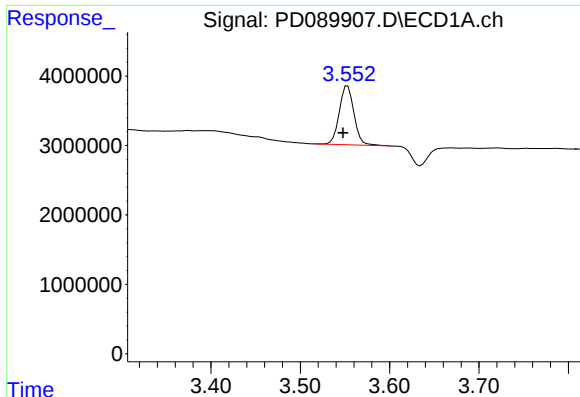
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 18 01:49:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 01 07:03:58 2025  
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





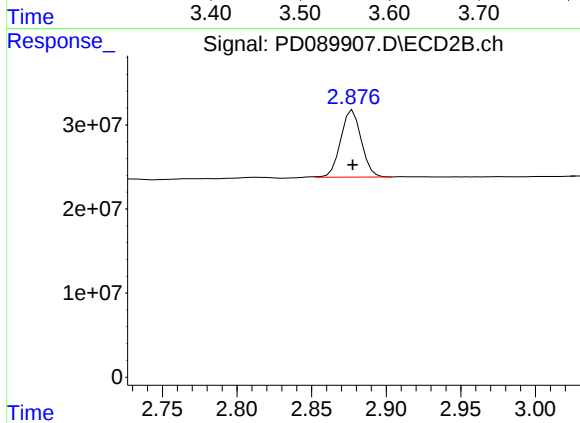
#1 Tetrachloro-m-xylene

R.T.: 3.553 min  
Delta R.T.: 0.005 min  
Response: 9713113  
Conc: 3.94 ng/ml

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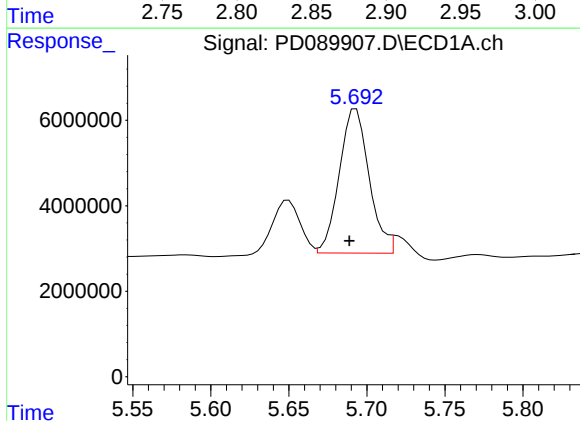
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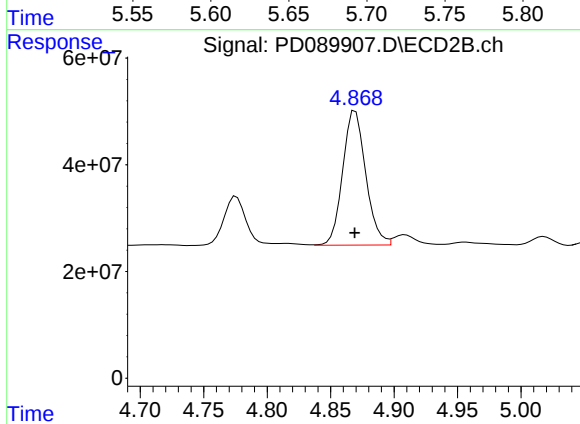
#1 Tetrachloro-m-xylene

R.T.: 2.876 min  
Delta R.T.: -0.001 min  
Response: 76911084  
Conc: 4.86 ng/ml m



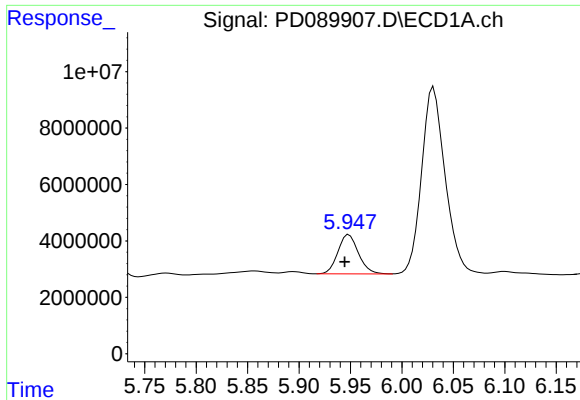
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: 0.003 min  
Response: 45931894  
Conc: 10.99 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.870 min  
Delta R.T.: 0.000 min  
Response: 318705712  
Conc: 15.51 ng/ml



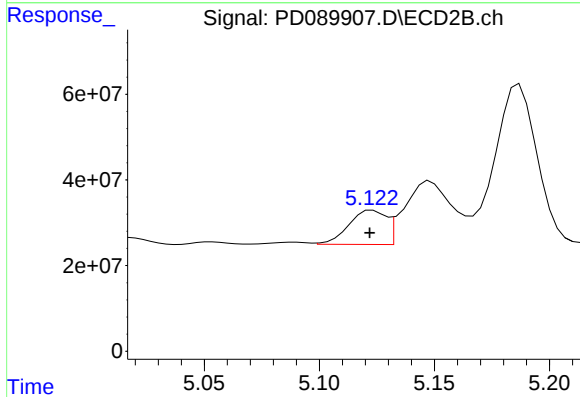
#10 gamma-Chlordane

R.T.: 5.949 min  
Delta R.T.: 0.004 min  
Response: 19338610  
Conc: 4.63 ng/ml

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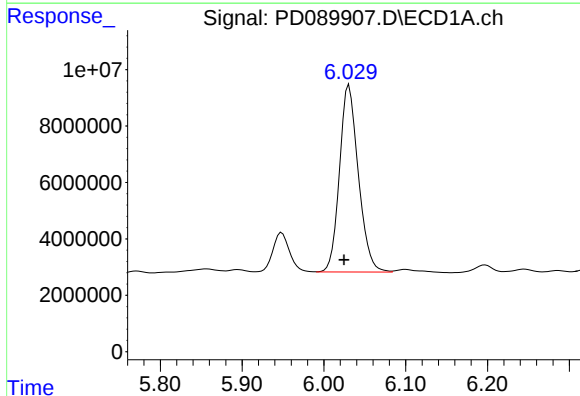
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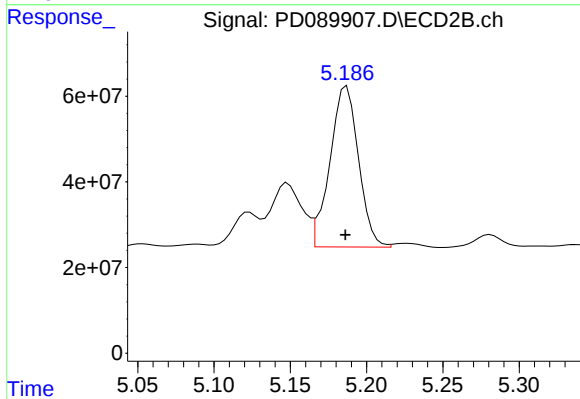
#10 gamma-Chlordane

R.T.: 5.123 min  
Delta R.T.: 0.001 min  
Response: 90531118  
Conc: 4.18 ng/ml



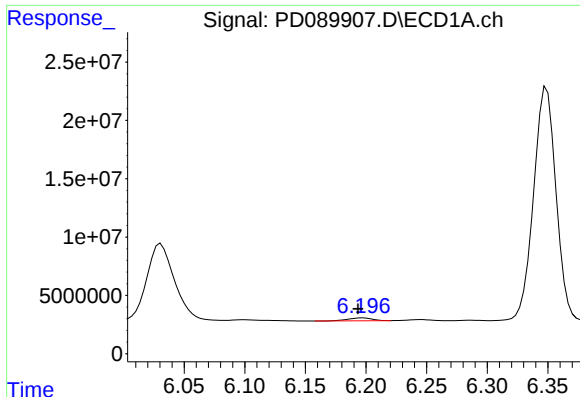
#11 alpha-Chlordane

R.T.: 6.031 min  
Delta R.T.: 0.006 min  
Response: 105735667  
Conc: 25.15 ng/ml



#11 alpha-Chlordane

R.T.: 5.187 min  
Delta R.T.: 0.000 min  
Response: 489231059  
Conc: 23.50 ng/ml



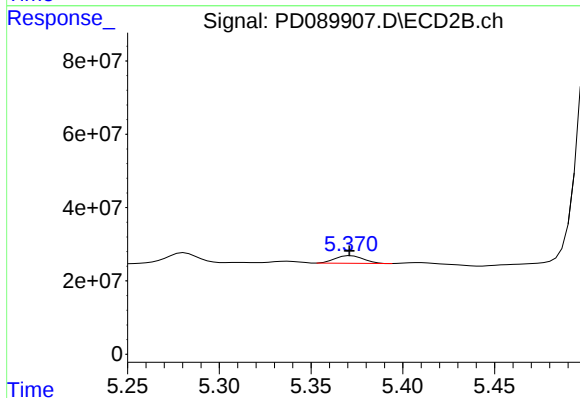
#12 4,4'-DDE

R.T.: 6.197 min  
Delta R.T.: 0.004 min  
Response: 3400750  
Conc: 0.91 ng/ml

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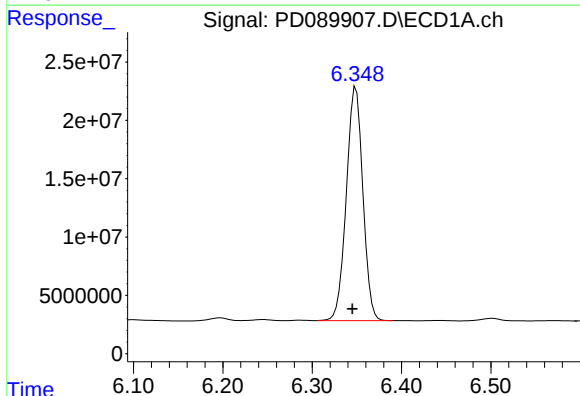
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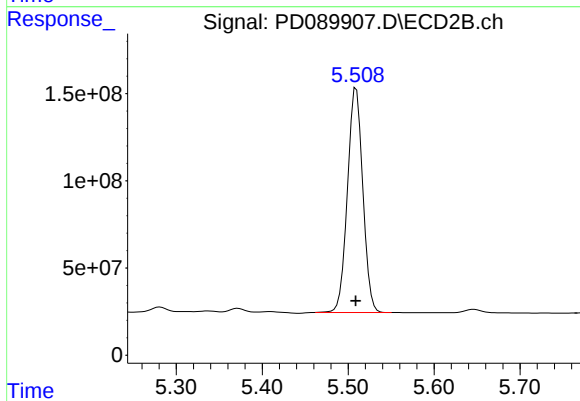
#12 4,4'-DDE

R.T.: 5.372 min  
Delta R.T.: 0.000 min  
Response: 22328430  
Conc: 1.06 ng/ml



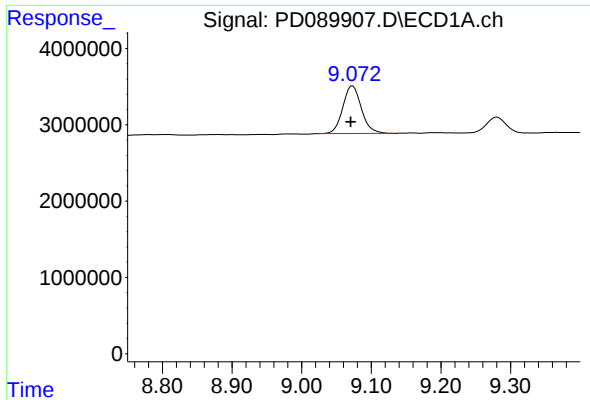
#13 Dieldrin

R.T.: 6.349 min  
Delta R.T.: 0.004 min  
Response: 257564771  
Conc: 60.98 ng/ml



#13 Dieldrin

R.T.: 5.510 min  
Delta R.T.: 0.000 min  
Response: 1608695691  
Conc: 74.34 ng/ml



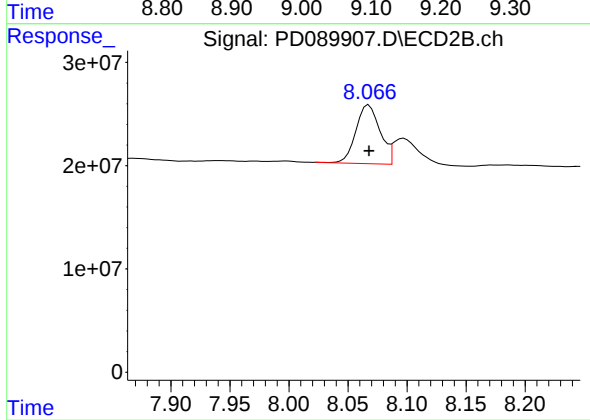
#28 Decachlorobiphenyl

R.T.: 9.073 min  
Delta R.T.: 0.003 min  
Response: 11575456  
Conc: 3.11 ng/ml

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#28 Decachlorobiphenyl

R.T.: 8.068 min  
Delta R.T.: 0.000 min  
Response: 80645182  
Conc: 4.02 ng/ml