

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042325\
 Data File : PD088234.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 10:10
 Operator : AR\AJ
 Sample : Q1841-02DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 VNJ-231DL

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/24/2025
 Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 10:48:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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 x 0.5 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...	3.552	2.880	3727500	28758720	1.866m	1.967m
28) SA Decachlor...	9.091	8.053f	12559173	94939775	3.796m	5.138m#
Target Compounds						
4) MA Heptachlor	4.933	4.084	1347397	7156878	0.334m	0.334m
8) B Heptachlor...	5.690	4.875	9015748	52902495	2.523	2.800
10) B gamma-Chl...	5.949	5.129	101.7E6	457.0E6	28.085	22.515
11) B alpha-Chl...	6.032	5.193	134.3E6	528.2E6	37.202	26.947 #

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

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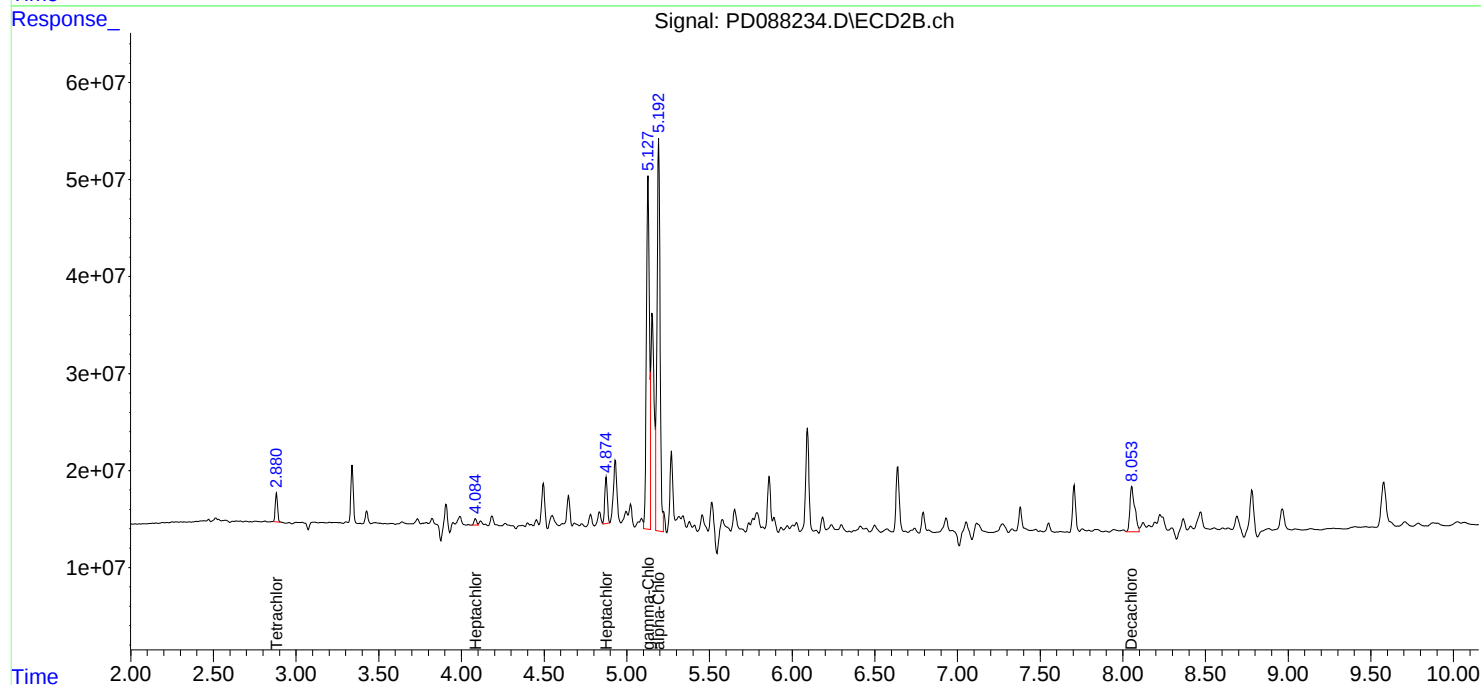
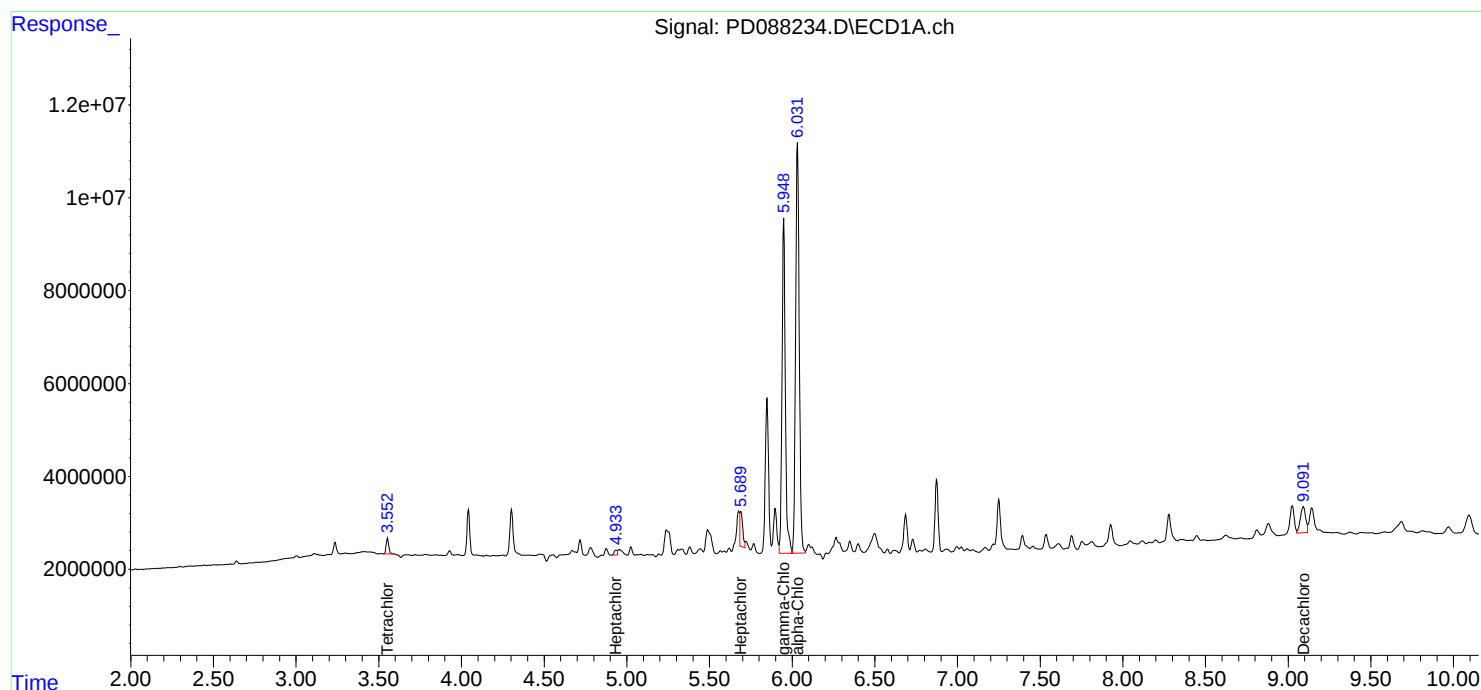
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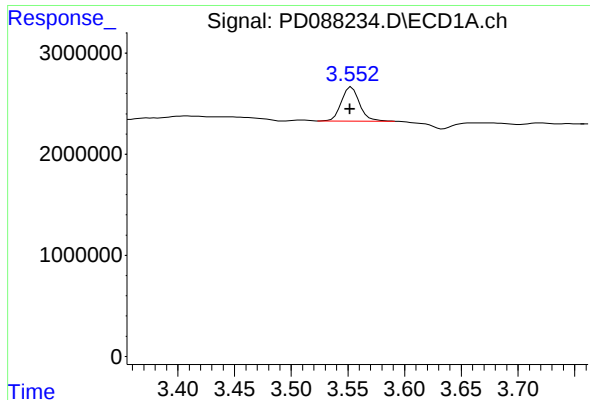
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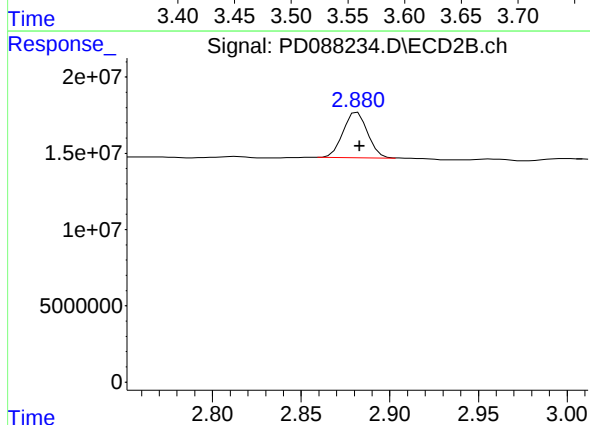
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 3727500
Conc: 1.87 ng/ml

Instrument :
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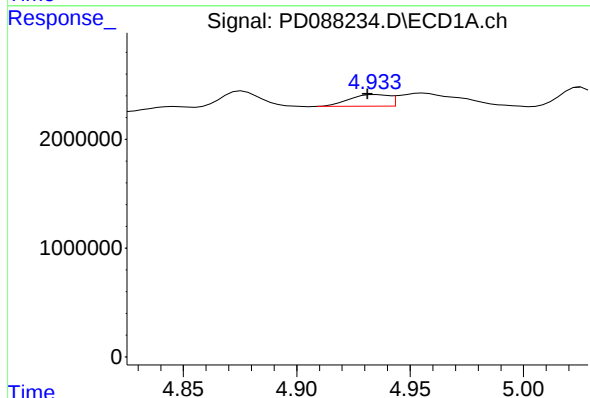
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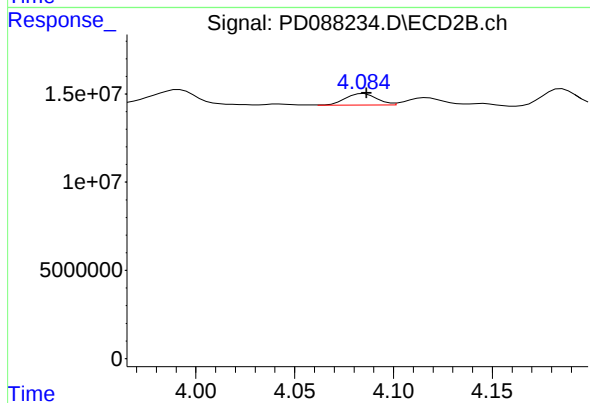
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.003 min
Response: 28758720
Conc: 1.97 ng/ml m



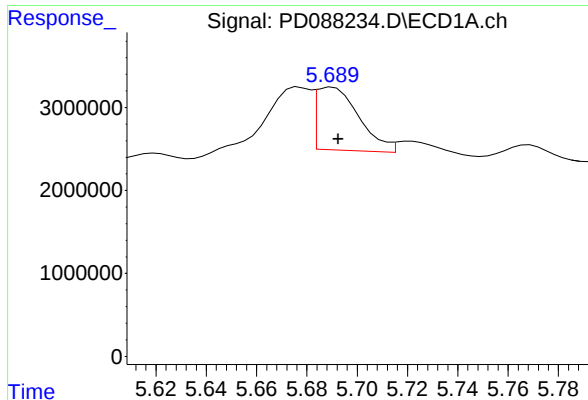
#4 Heptachlor

R.T.: 4.933 min
Delta R.T.: 0.002 min
Response: 1347397
Conc: 0.33 ng/ml m



#4 Heptachlor

R.T.: 4.084 min
Delta R.T.: -0.003 min
Response: 7156878
Conc: 0.33 ng/ml m



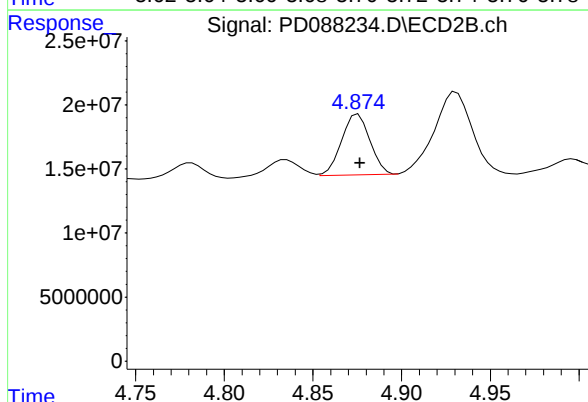
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.002 min
Response: 9015748
Conc: 2.52 ng/ml

Instrument :
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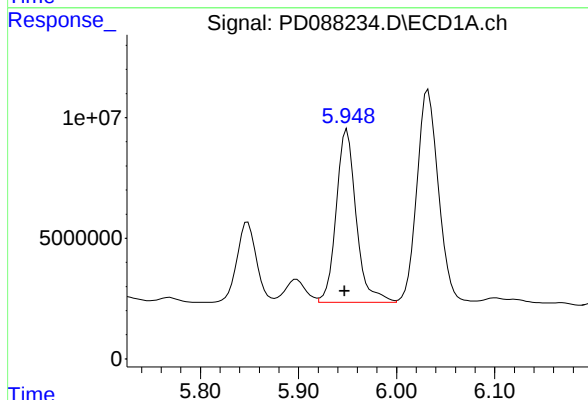
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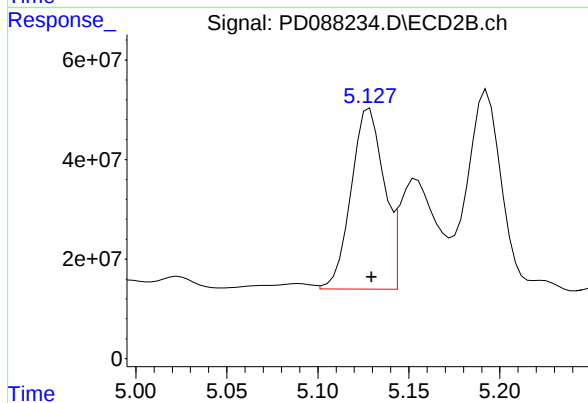
#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.001 min
Response: 52902495
Conc: 2.80 ng/ml



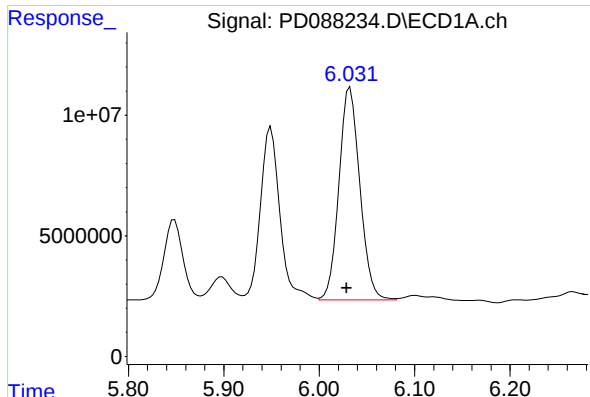
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.002 min
Response: 101726547
Conc: 28.09 ng/ml



#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 456963679
Conc: 22.51 ng/ml



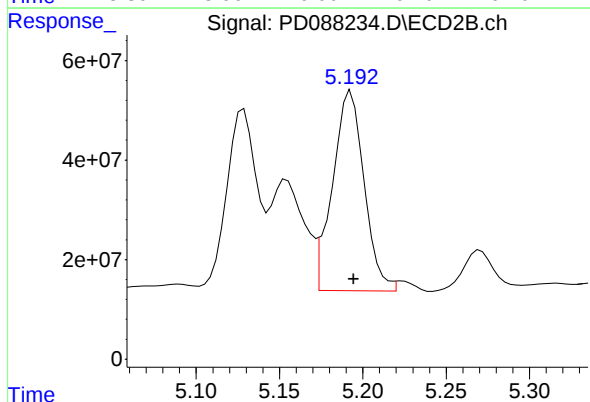
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.004 min
Response: 134282928
Conc: 37.20 ng/ml

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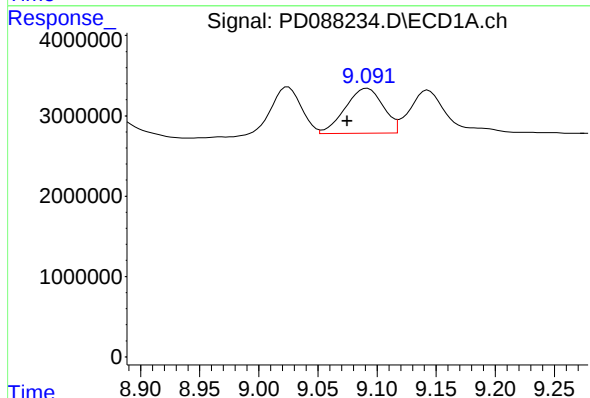
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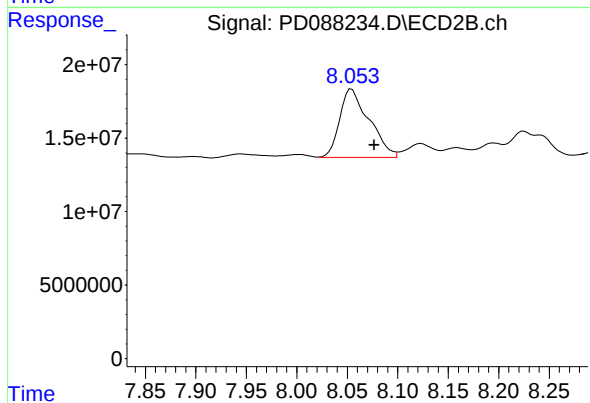
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.001 min
Response: 528239607
Conc: 26.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: 0.016 min
Response: 12559173
Conc: 3.80 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.053 min
Delta R.T.: -0.024 min
Response: 94939775
Conc: 5.14 ng/ml m