

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
 Data File : PD088198.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2025 10:46
 Operator : AR\AJ
 Sample : Q1841-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 VNJ-231

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/23/2025
 Supervised By : mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 01:15:36 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...	3.551	2.882	32529026	254.4E6	16.286m	17.400m
28) SA Decachlor...	9.091	8.073	132.9E6	117.7E6	40.165m	6.370m#
Target Compounds						
4) MA Heptachlor	4.932	4.085	13448899	61204665	3.330m	2.860m
8) B Heptachlor...	5.689	4.877	75453578	411.6E6	21.112m	21.784
10) B gamma-Chl...	5.949	5.130	1054.6E6	3469.9E6	291.149	170.966 #
11) B alpha-Chl...	6.032	5.195	1369.2E6	3878.6E6	379.317	197.859 #

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

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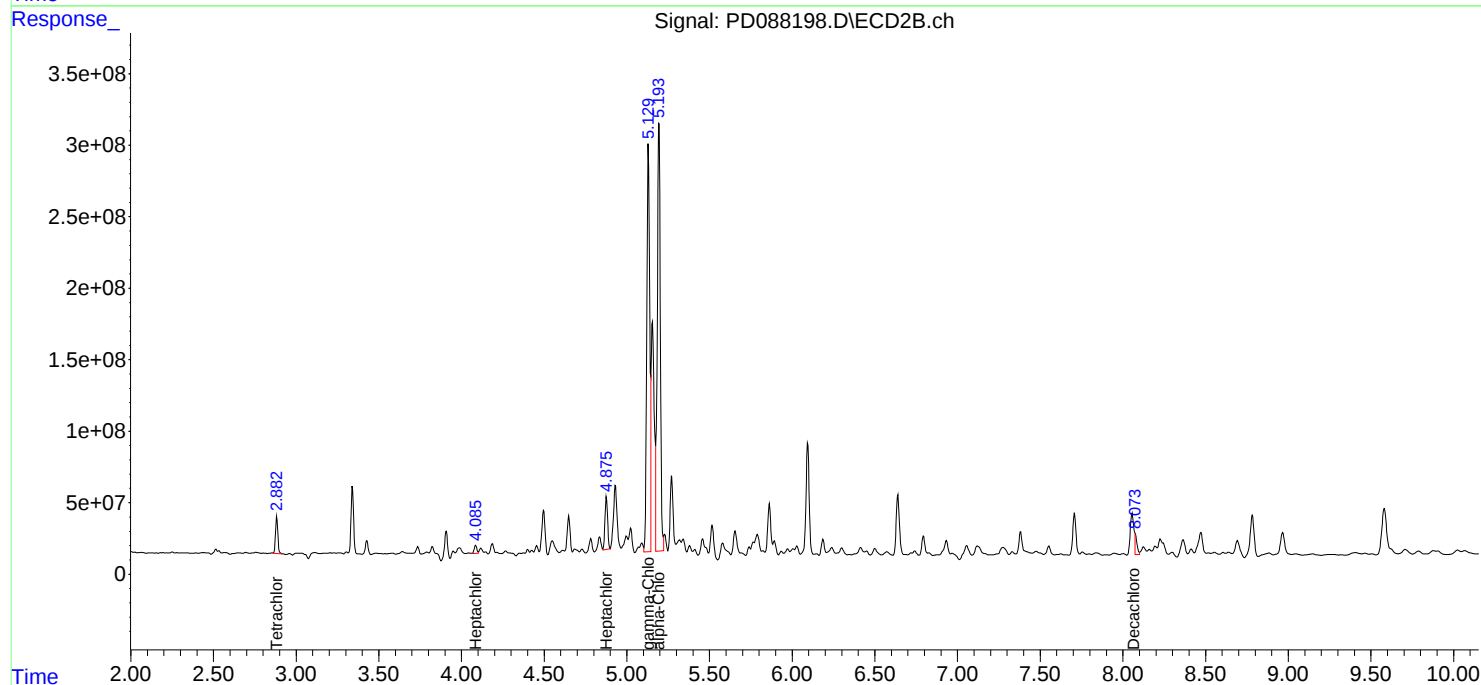
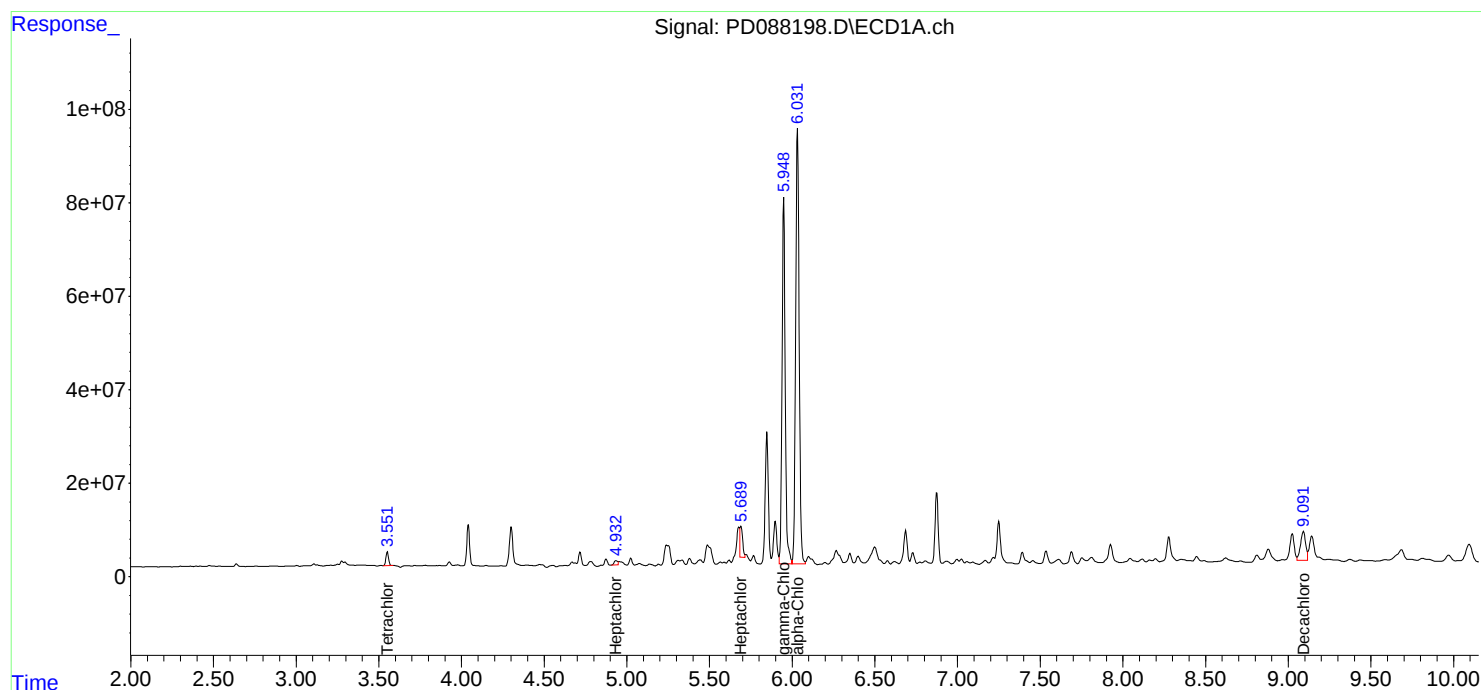
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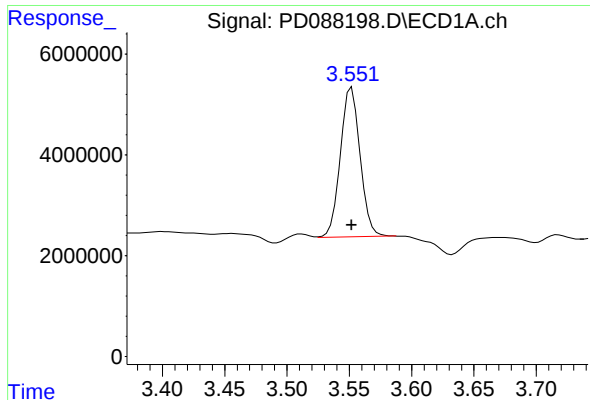
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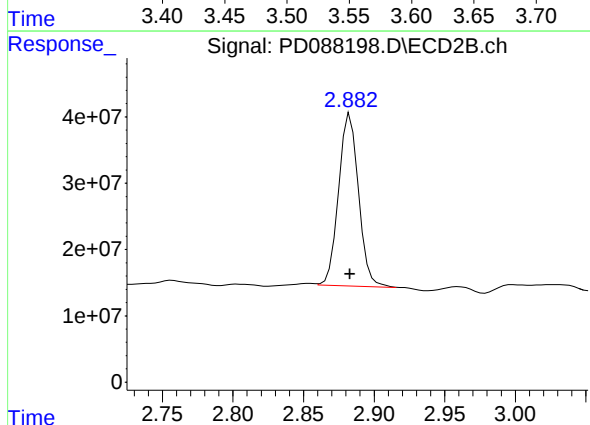
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: -0.001 min
Response: 32529026
Conc: 16.29 ng/ml

Instrument :
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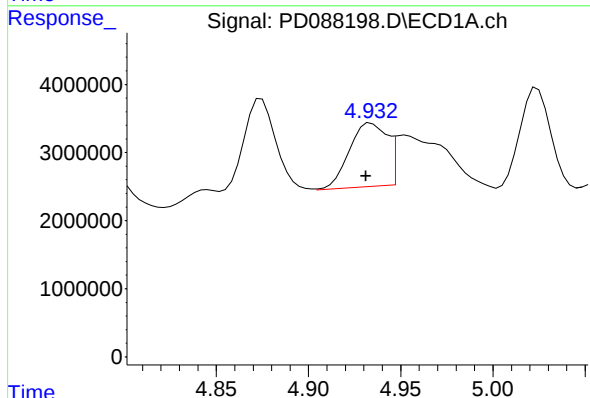
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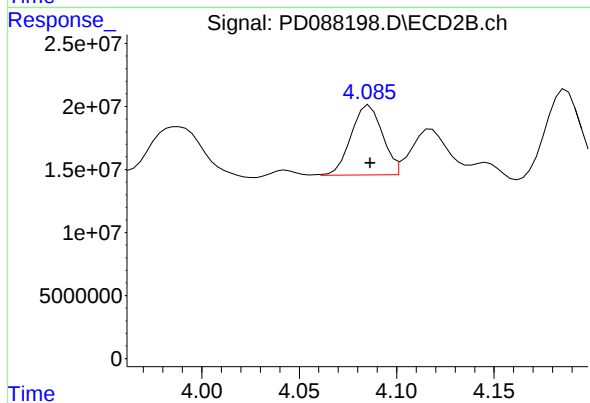
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 254413779
Conc: 17.40 ng/ml



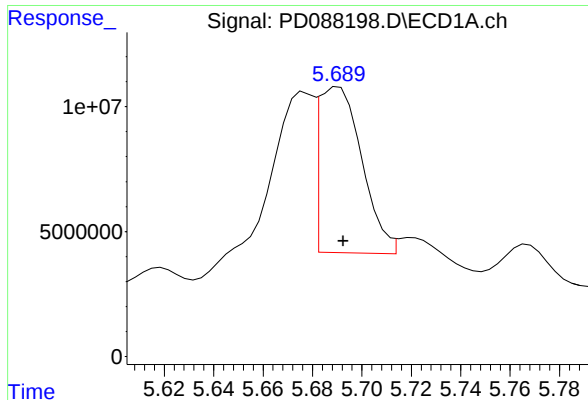
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.001 min
Response: 13448899
Conc: 3.33 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 61204665
Conc: 2.86 ng/ml



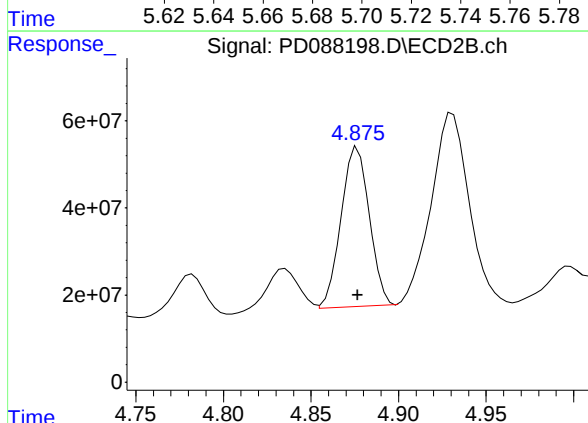
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 75453578
Conc: 21.11 ng/ml

Instrument :
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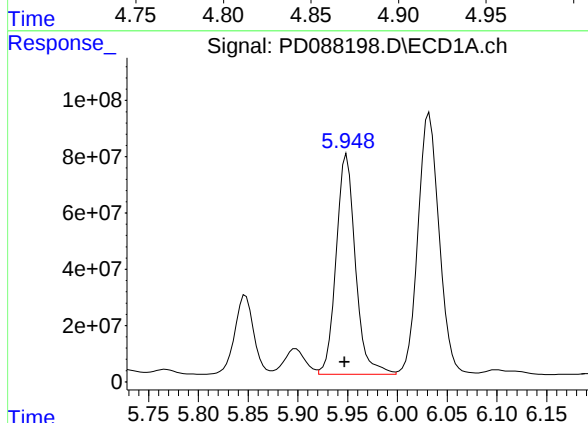
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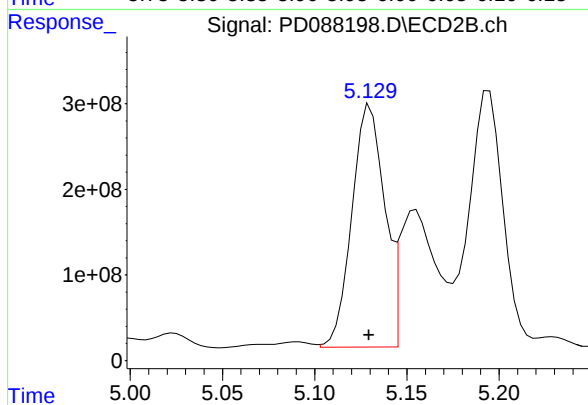
#8 Heptachlor epoxide

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 411600510
Conc: 21.78 ng/ml



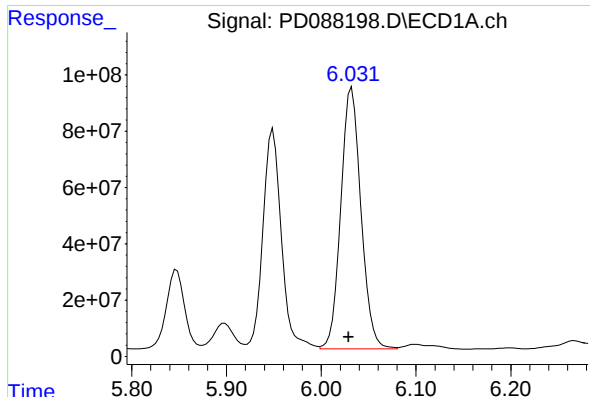
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.002 min
Response: 1054555577
Conc: 291.15 ng/ml



#10 gamma-Chlordane

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 3469927973
Conc: 170.97 ng/ml



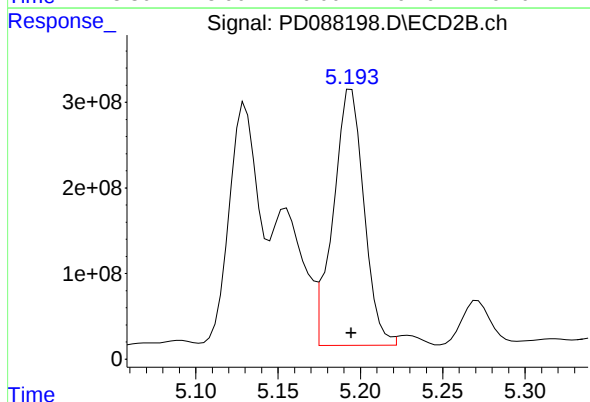
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.004 min
Response: 1369172255
Conc: 379.32 ng/ml

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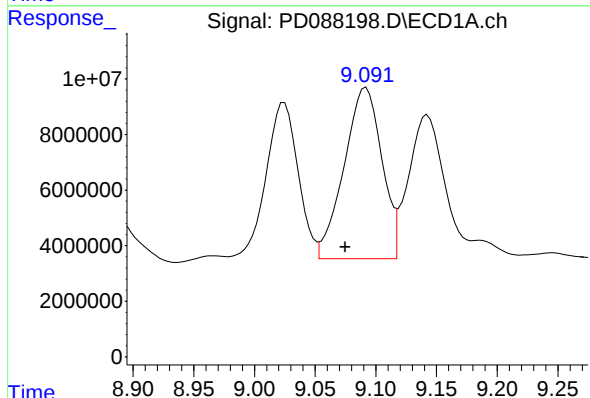
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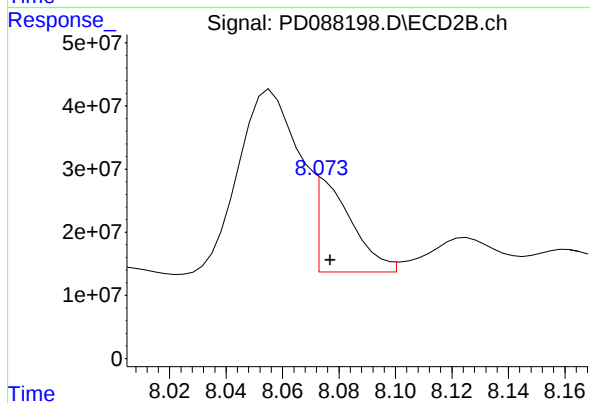
#11 alpha-Chlordane

R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 3878578262
Conc: 197.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: 0.016 min
Response: 132870062
Conc: 40.16 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: -0.004 min
Response: 117710010
Conc: 6.37 ng/ml m