

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042825\
 Data File : PD088309.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2025 16:36
 Operator : AR\AJ
 Sample : Q1875-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 AUD-25-0053

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/29/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 02:22:06 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 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...	3.548	2.882	20326722	152.7E6	10.177m	10.447
28)	SA Decachlor...	9.073	8.076	33307950	168.5E6	10.069	9.117
Target Compounds							
4)	MA Heptachlor	4.927	4.085	5562151	31027472	1.377m	1.450
5)	MB Aldrin	5.269	4.371	3504740	21060640	0.887	1.012
10)	B gamma-Chl...	5.946	5.128	6552550	24898996	1.809	1.227 #
11)	B alpha-Chl...	6.030	5.192	11756085	36419979	3.257	1.858 #
12)	B 4,4'-DDE	6.194	5.378	14014666	93724212	4.249m	4.759
17)	MA 4,4'-DDT	7.021	6.184	1932522	22158422	0.696	1.302 #

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

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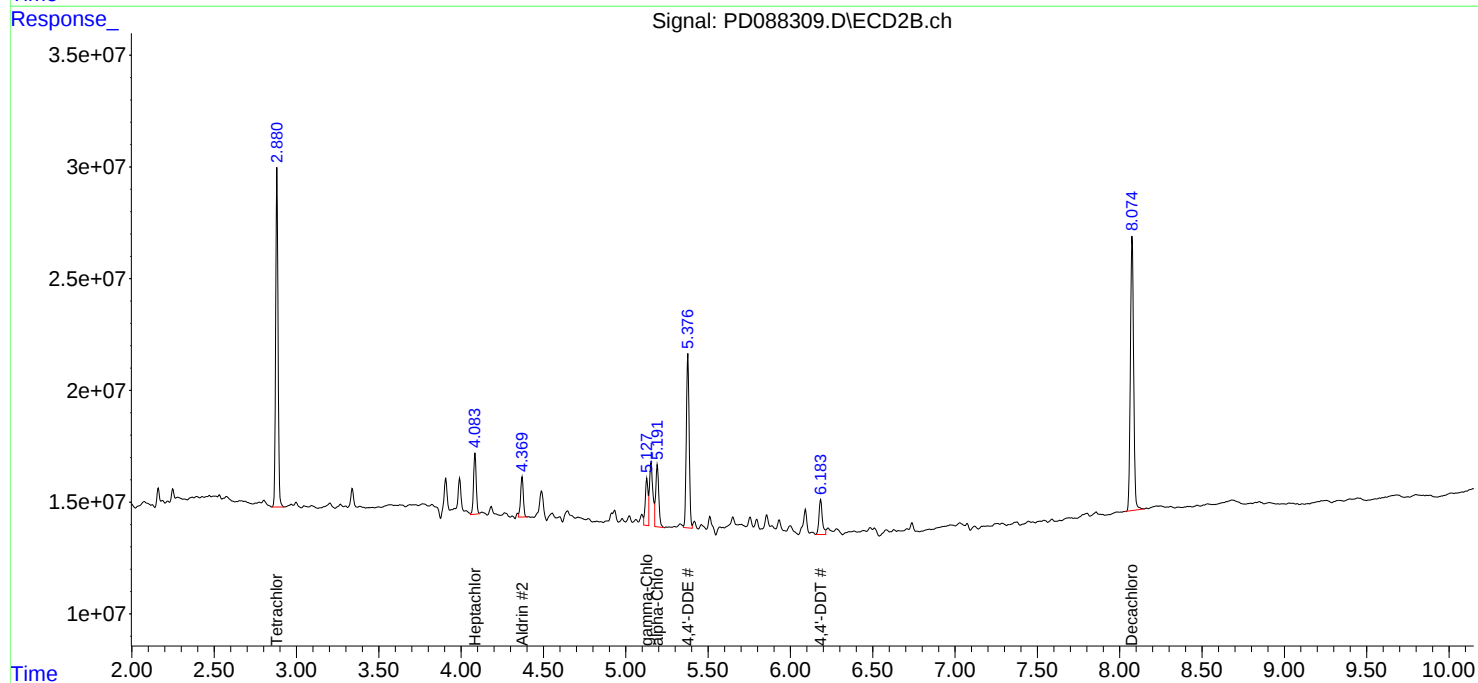
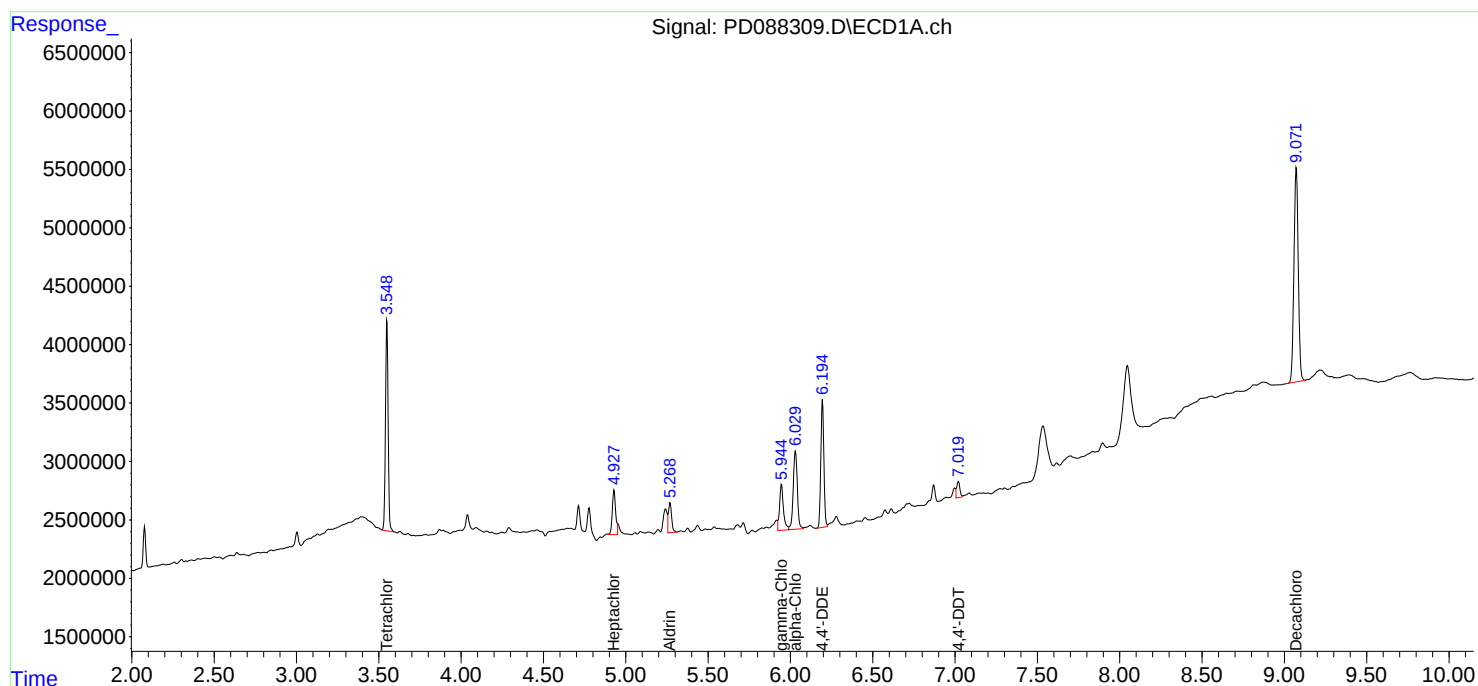
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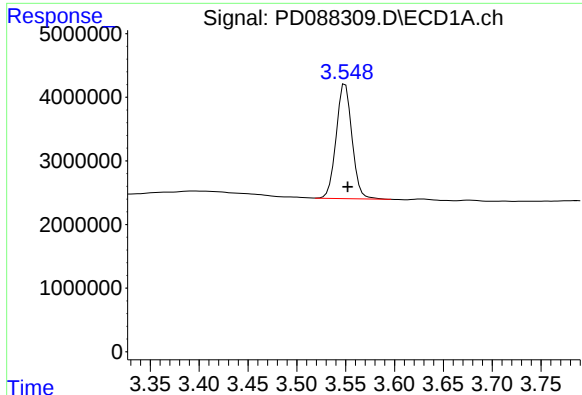
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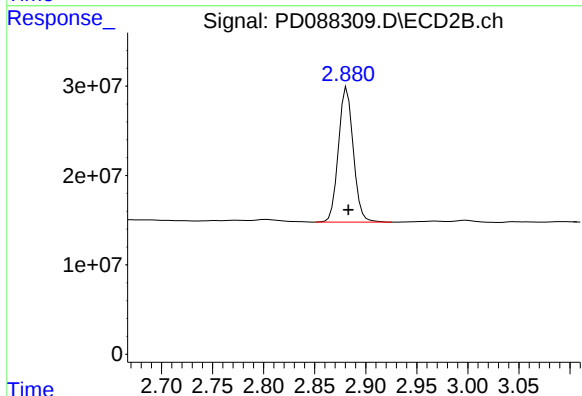
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.004 min
Response: 20326722
Conc: 10.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
AUD-25-0053

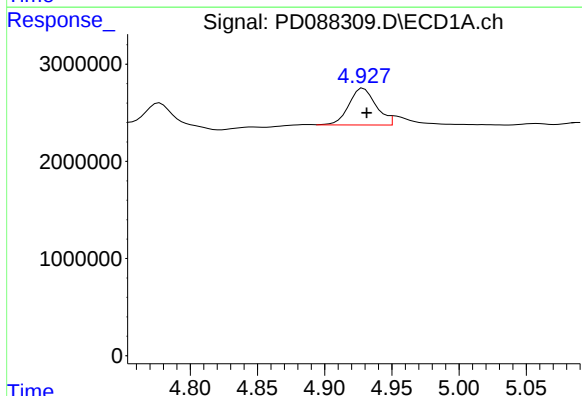
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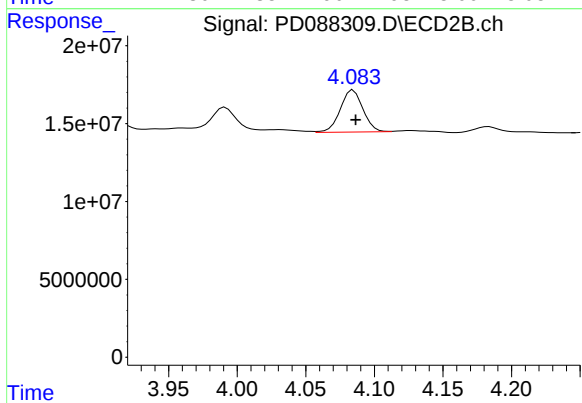
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 152745883
Conc: 10.45 ng/ml



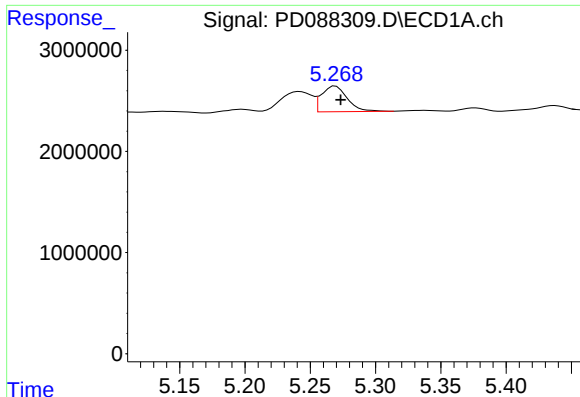
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 5562151
Conc: 1.38 ng/ml m



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 31027472
Conc: 1.45 ng/ml



#5 Aldrin

R.T.: 5.269 min
Delta R.T.: -0.004 min
Response: 3504740
Conc: 0.89 ng/ml

Instrument :

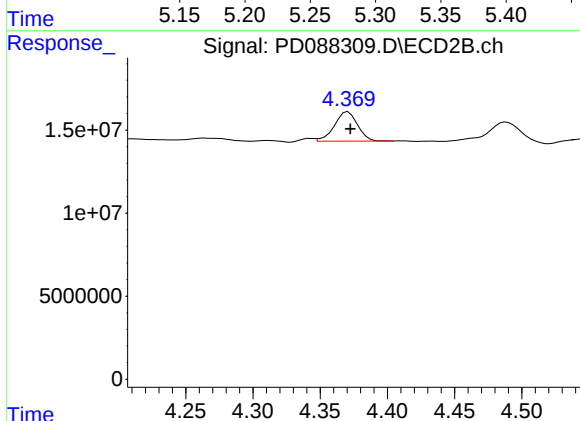
ECD_D

ClientSampleId :

AUD-25-0053

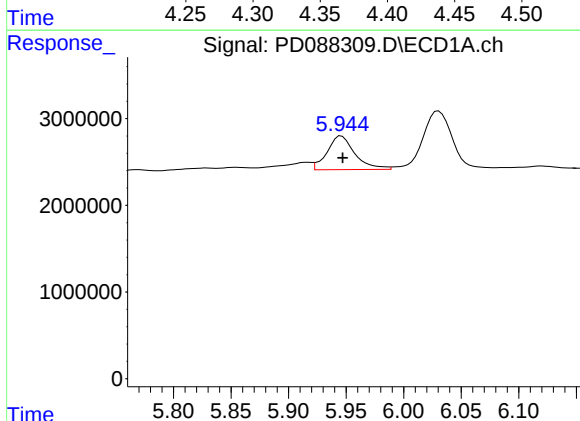
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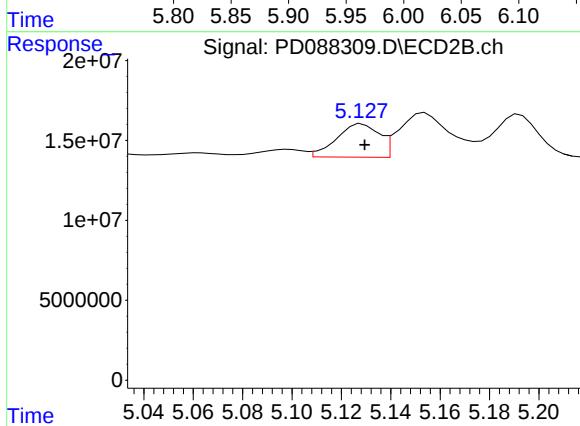
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.002 min
Response: 21060640
Conc: 1.01 ng/ml



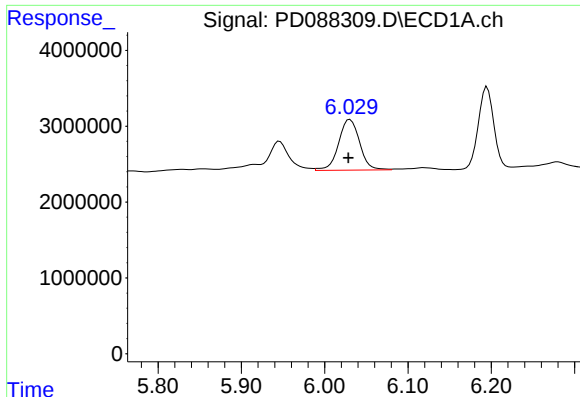
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: -0.001 min
Response: 6552550
Conc: 1.81 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 24898996
Conc: 1.23 ng/ml



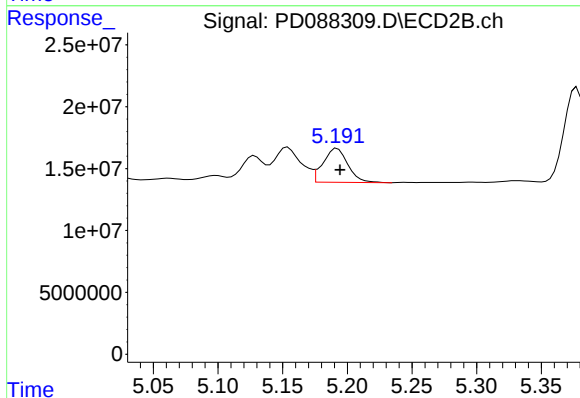
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.002 min
Response: 11756085
Conc: 3.26 ng/ml

Instrument :
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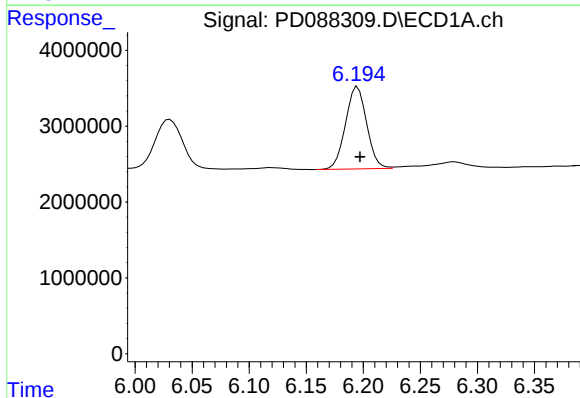
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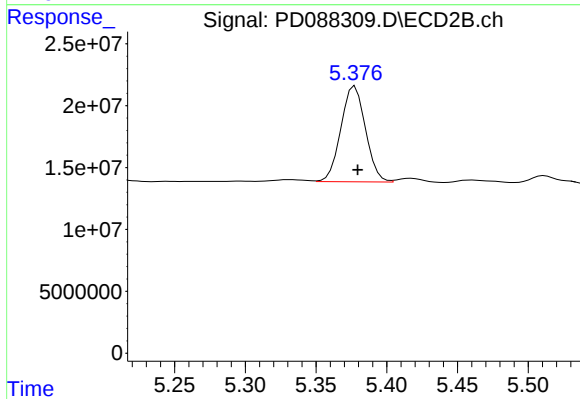
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 36419979
Conc: 1.86 ng/ml



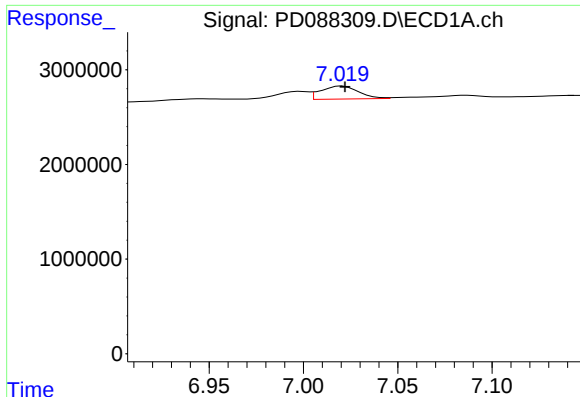
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 14014666
Conc: 4.25 ng/ml m



#12 4,4'-DDE

R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 93724212
Conc: 4.76 ng/ml



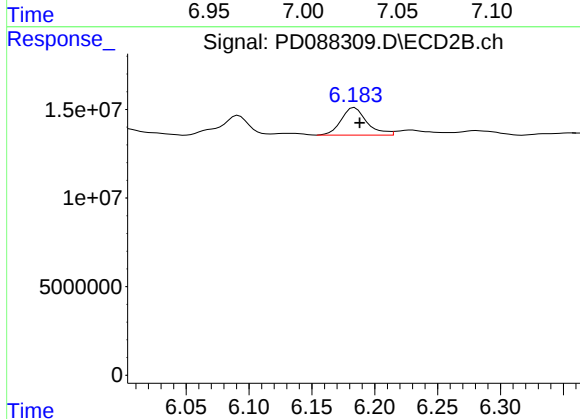
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.001 min
Response: 1932522
Conc: 0.70 ng/ml

Instrument :
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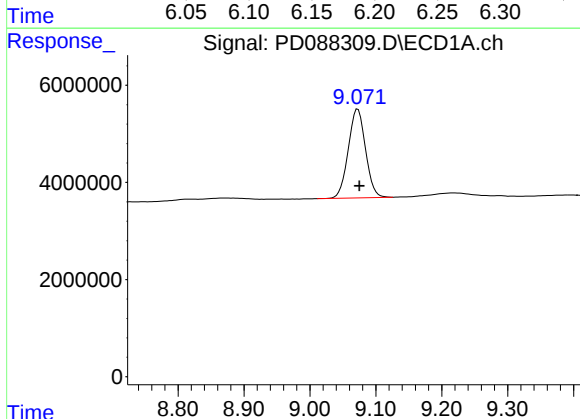
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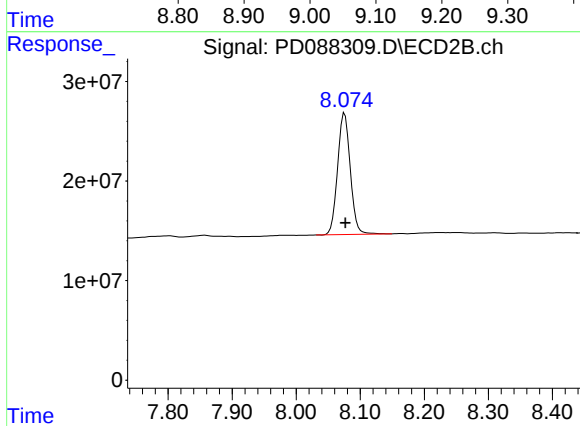
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 22158422
Conc: 1.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 33307950
Conc: 10.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: -0.001 min
Response: 168476084
Conc: 9.12 ng/ml