

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082323\
 Data File : PD077346.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2023 13:11
 Operator : AR\AJ
 Sample : 04116-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-5

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/24/2023
 Supervised By :mohammad ahmed 08/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 22:47:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 2023
 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...	3.543	2.762	20760320	13398472	8.773	9.836
28) SA Decachlor...	9.085	7.903	26451055	11586962	9.653	8.097
Target Compounds						
10) B gamma-Chl...	5.949	4.966	3446465	1676779	1.059m	1.011
11) B alpha-Chl...	6.033	5.028	8635576	3229472	2.633	1.934 #
12) B 4,4'-DDE	6.202	5.217	5075550	2756071	1.711	1.901
16) A 4,4'-DDD	6.729	5.772	2189191	406887	0.931m	0.366 #

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

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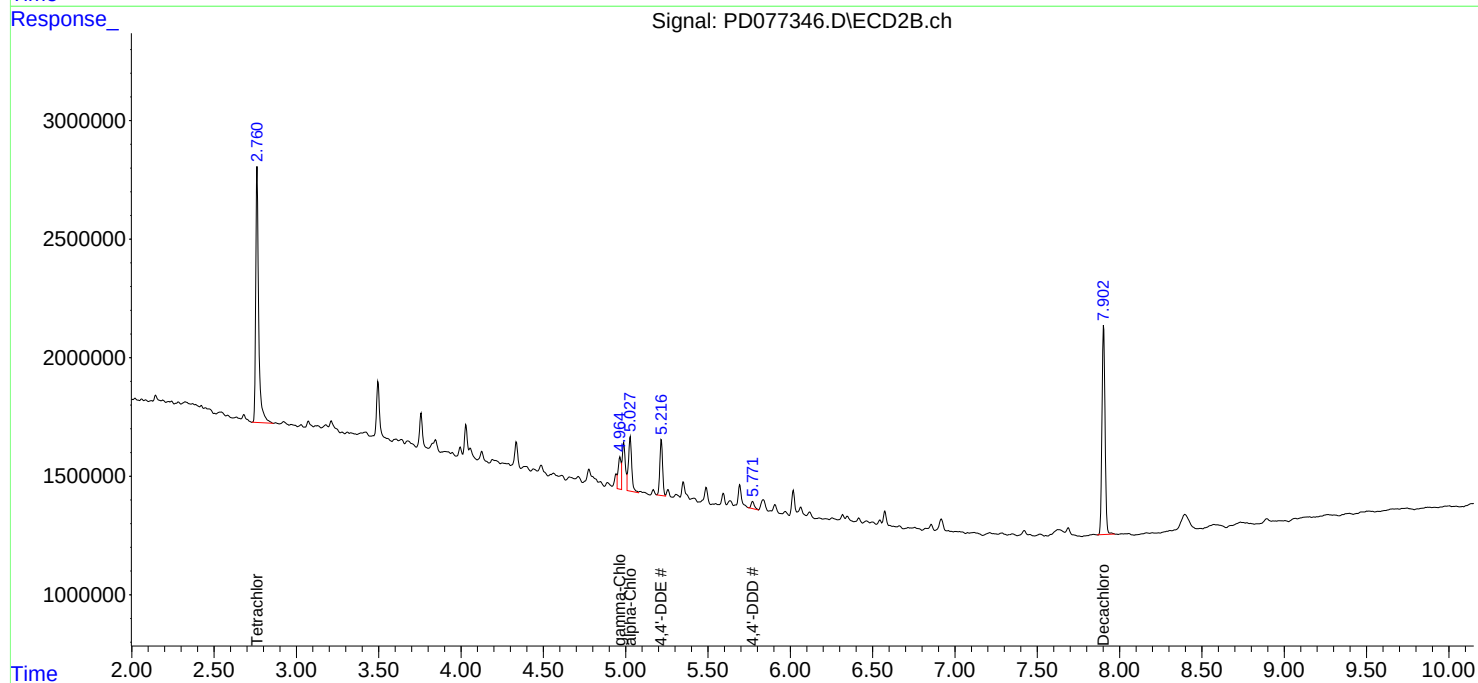
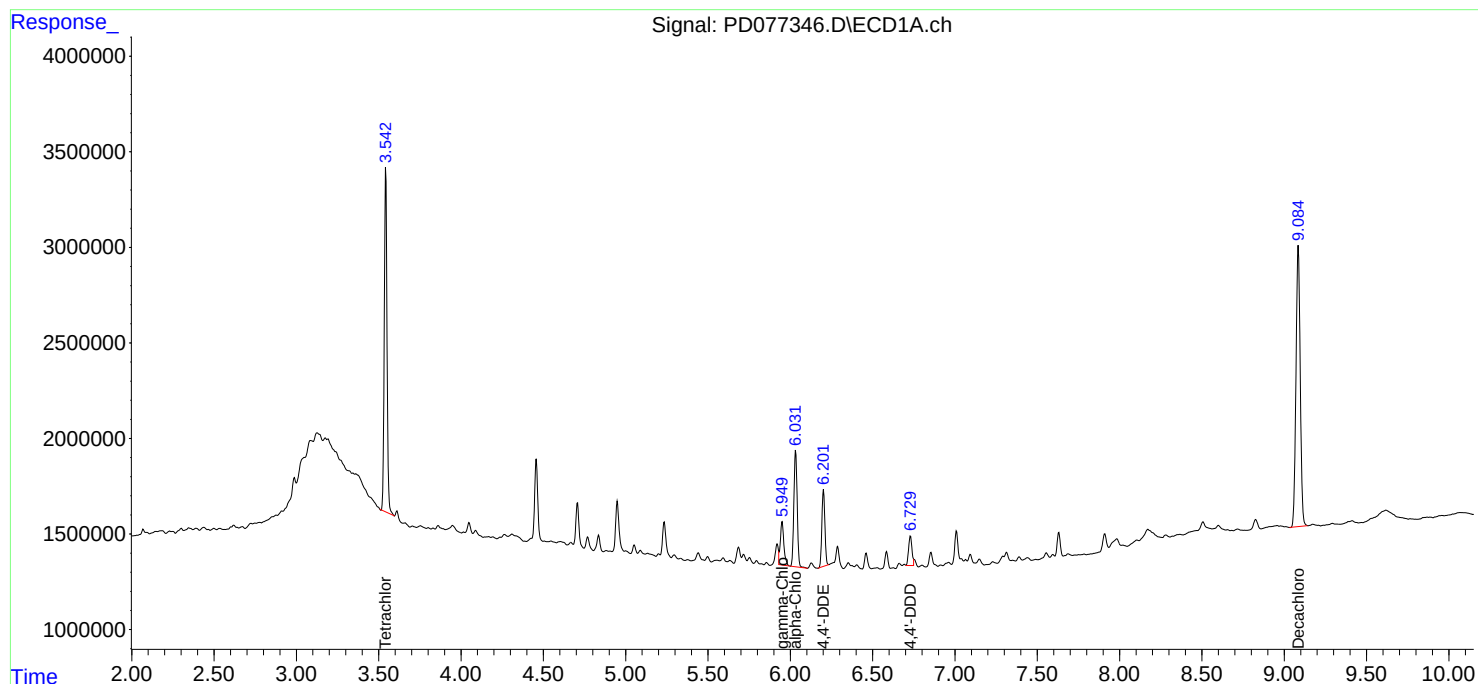
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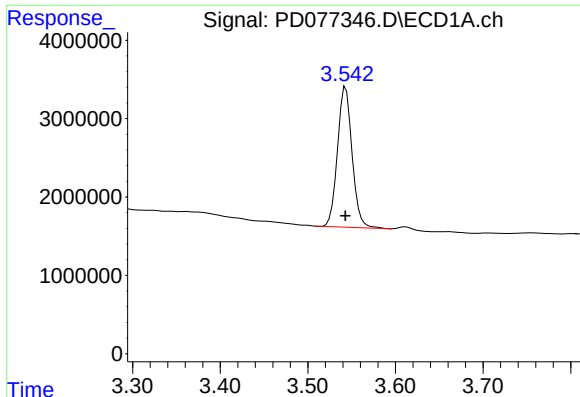
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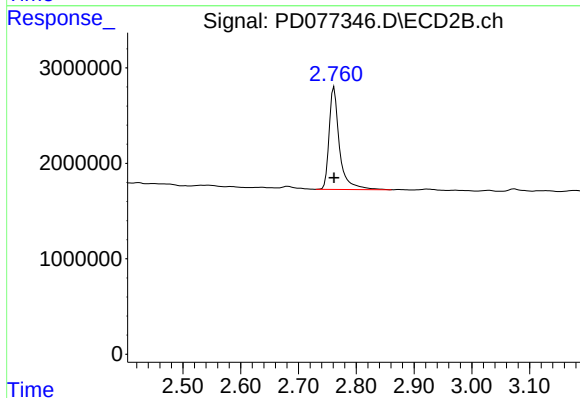
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 20760320
Conc: 8.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5

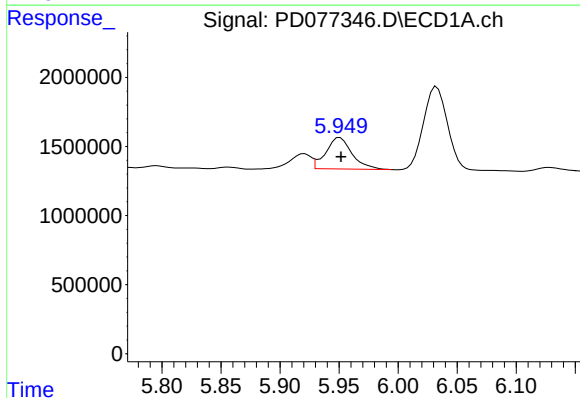
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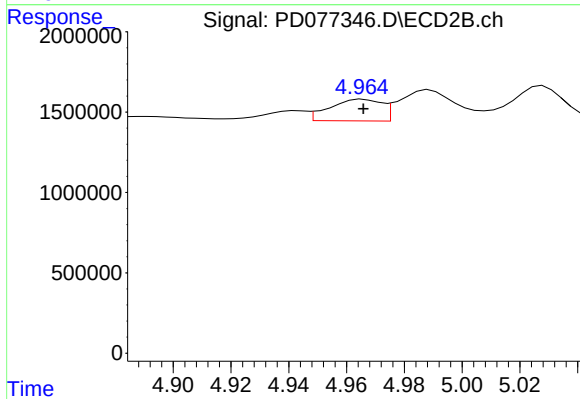
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 13398472
Conc: 9.84 ng/ml



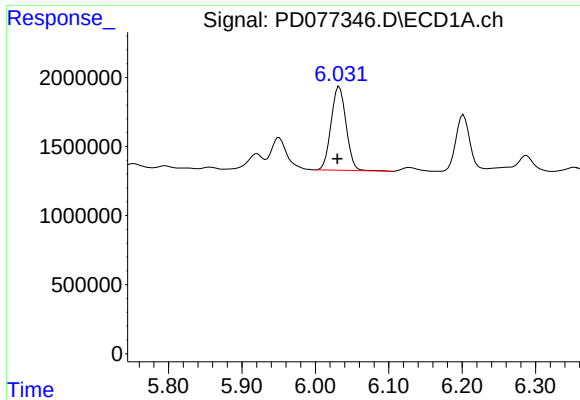
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 3446465
Conc: 1.06 ng/ml m



#10 gamma-Chlordane

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 1676779
Conc: 1.01 ng/ml



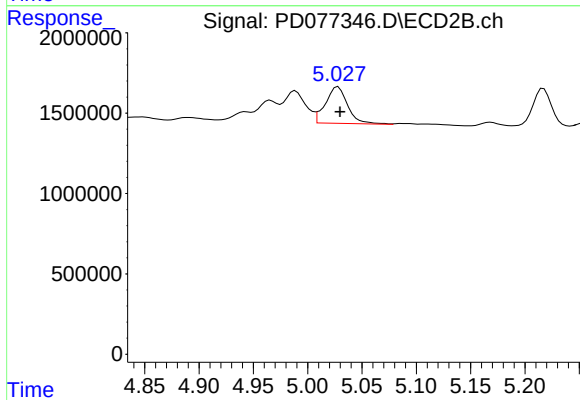
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.002 min
Response: 8635576
Conc: 2.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
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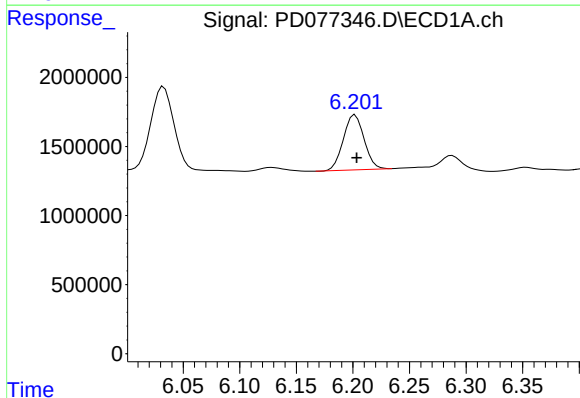
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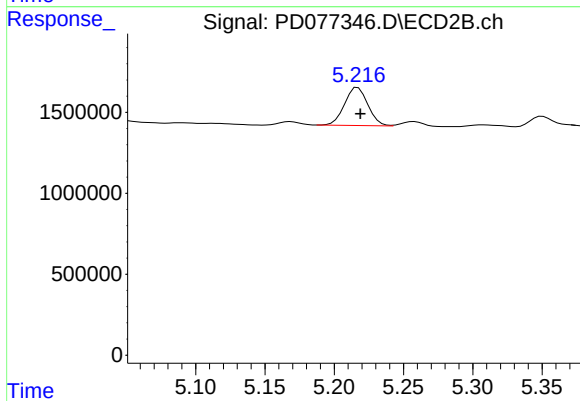
#11 alpha-Chlordane

R.T.: 5.028 min
Delta R.T.: -0.002 min
Response: 3229472
Conc: 1.93 ng/ml



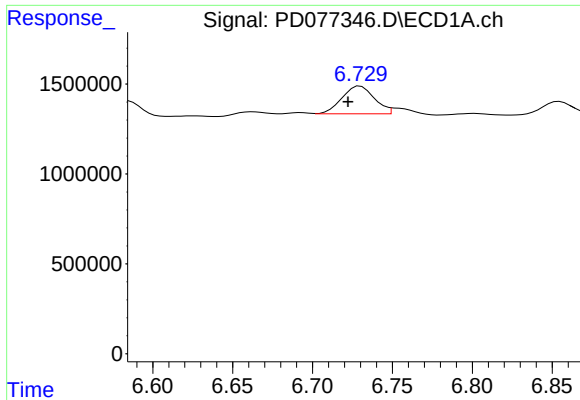
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: -0.001 min
Response: 5075550
Conc: 1.71 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 2756071
Conc: 1.90 ng/ml



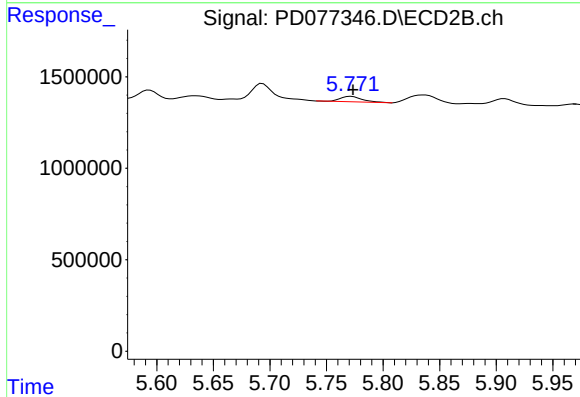
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: 0.006 min
Response: 2189191
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-5

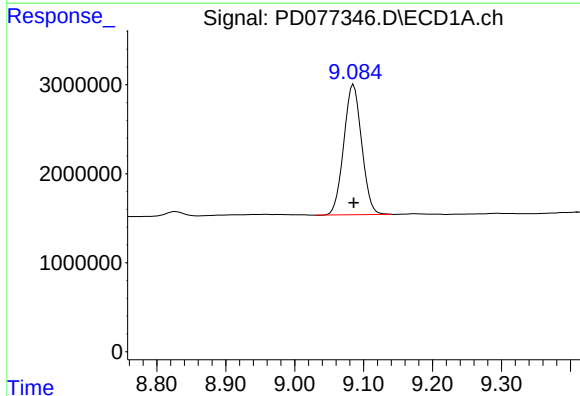
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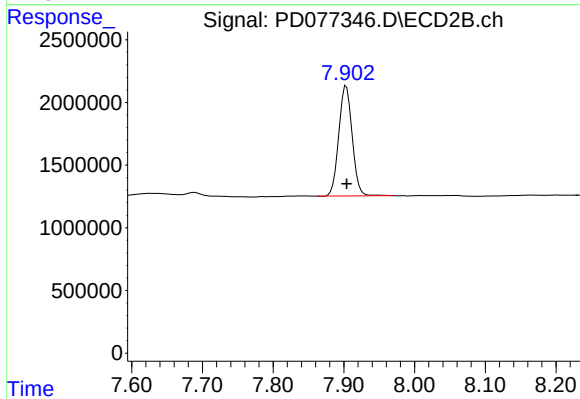
#16 4,4'-DDD

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 406887
Conc: 0.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.000 min
Response: 26451055
Conc: 9.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: 0.000 min
Response: 11586962
Conc: 8.10 ng/ml