Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
Data File : PL074119.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2022 18:54
Operator : AR\AJ
Sample : N2424-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
OR-02-041422

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 04/18/2022
Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 16 03:42:52 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
Quant Title : GC Extractables
QLast Update : Thu Apr 14 09:29:23 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.637	5.488	593827	2744485	1.838	1.539m
28) SA	Decachlor...	10.410	11.334	911300	2827329	1.752	1.601
	Target Compounds						
10) B	gamma-Chl...	7.357	8.196	236944	1644486	0.540m	0.737 #
11) B	alpha-Chl...	7.427	8.280	312773	2077213	0.708	0.965 #
12) B	4,4'-DDE	7.642	8.461	511159	2211475	1.401	1.110
16) A	4,4'-DDD	8.227	8.989	270471	904064	0.838	0.588 #

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

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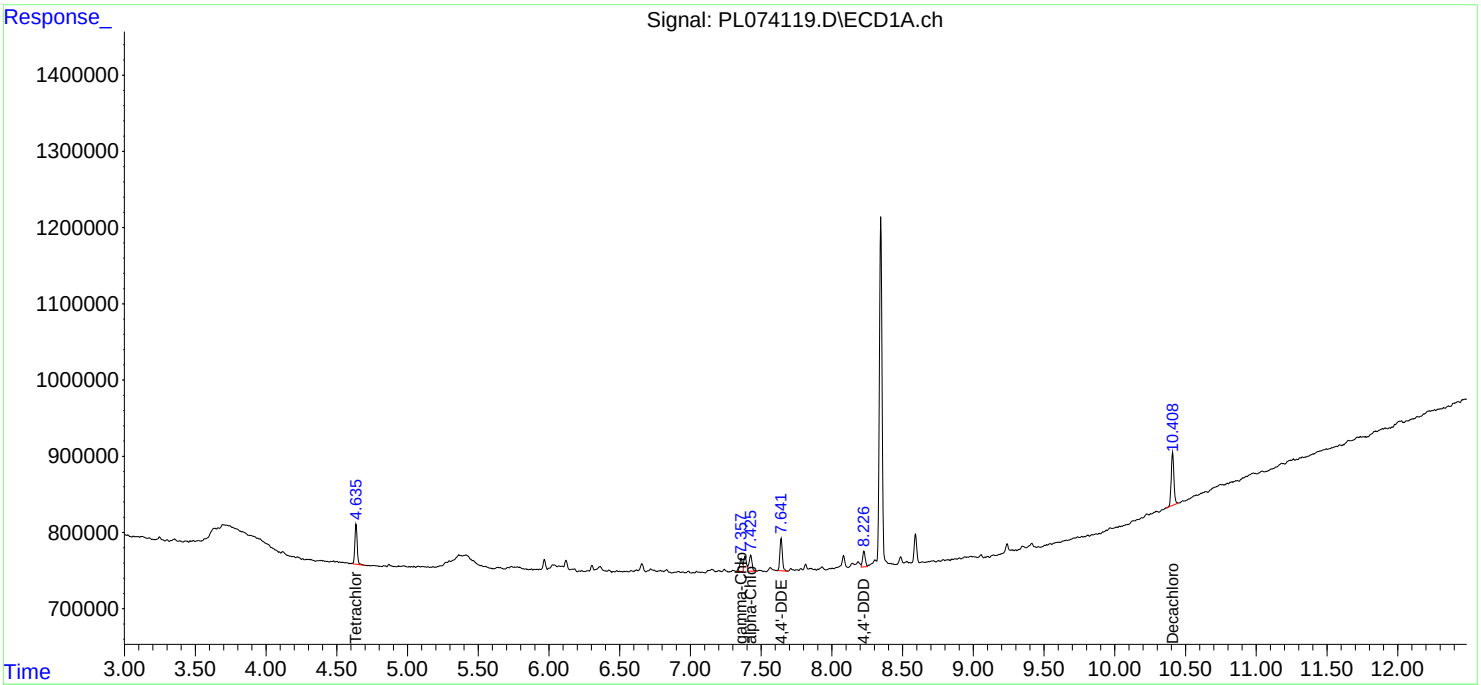

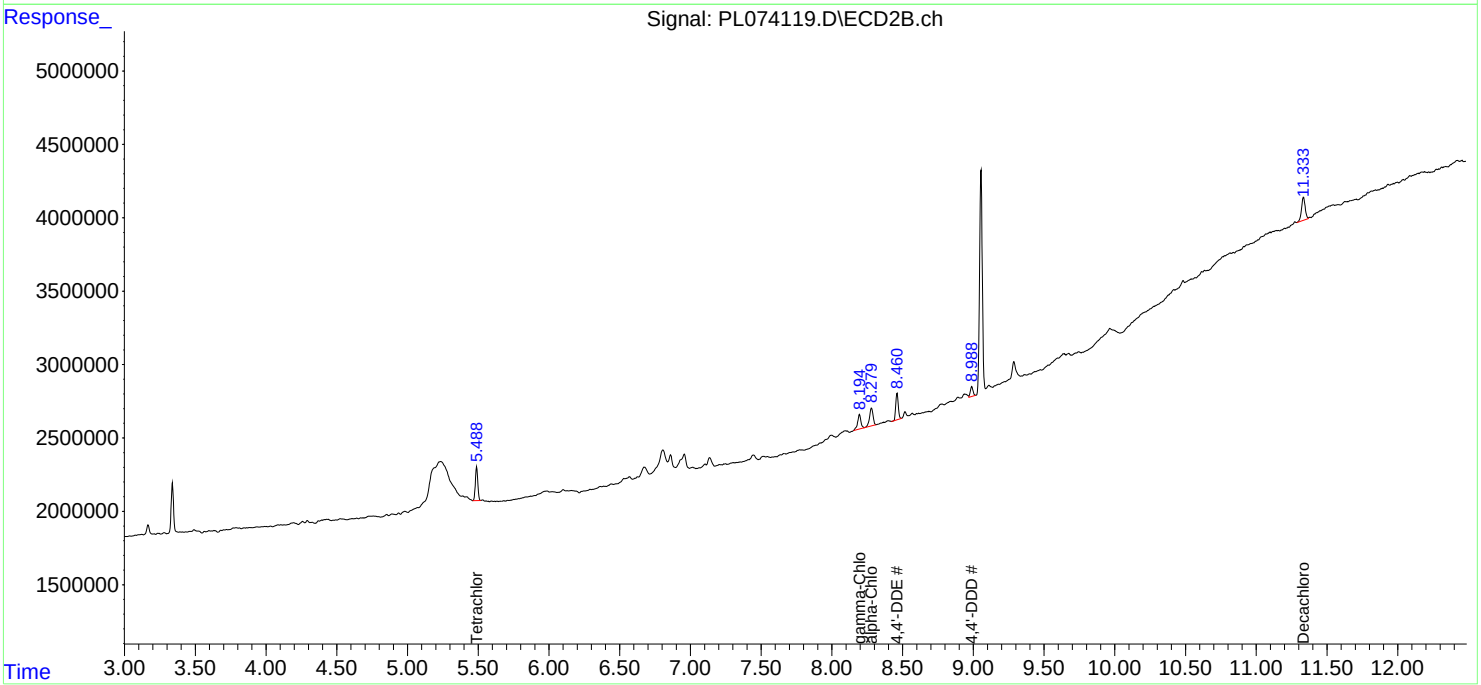

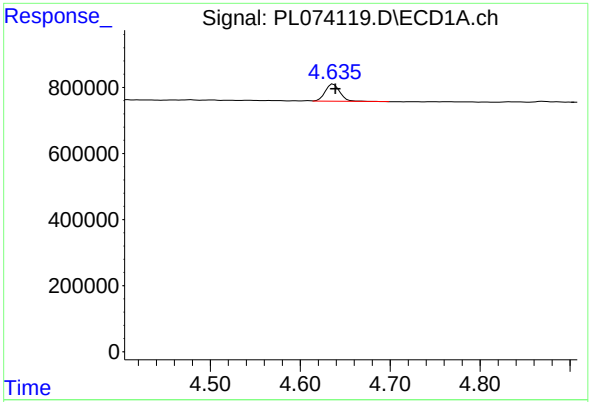

#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 593827
Conc: 1.84 ng/ml

Instrument :
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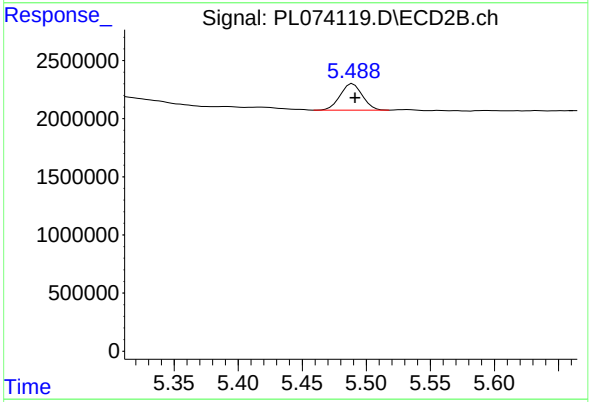
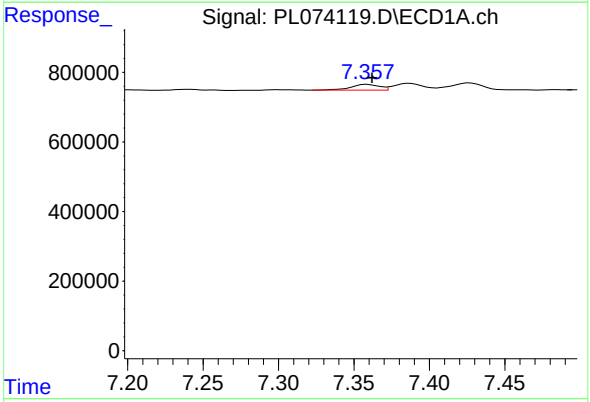


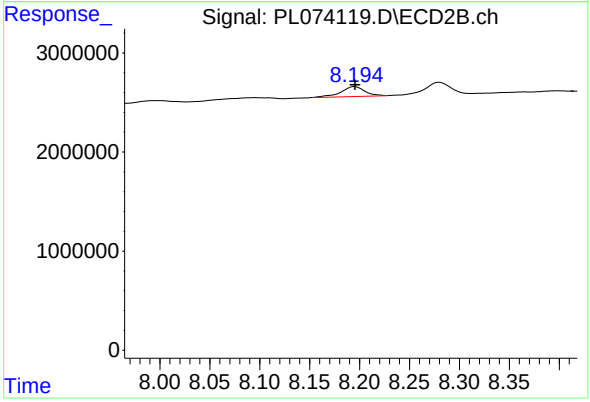
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 2744485
Conc: 1.54 ng/ml m



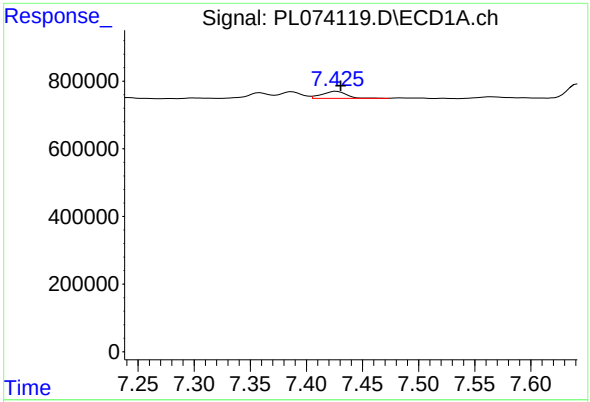
#10 gamma-Chlordane

R.T.: 7.357 min
Delta R.T.: -0.005 min
Response: 236944
Conc: 0.54 ng/ml m



#10 gamma-Chlordane

R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 1644486
Conc: 0.74 ng/ml



#11 alpha-Chlordane

R.T.: 7.427 min
Delta R.T.: -0.004 min
Response: 312773
Conc: 0.71 ng/ml

Instrument :
ECD_L
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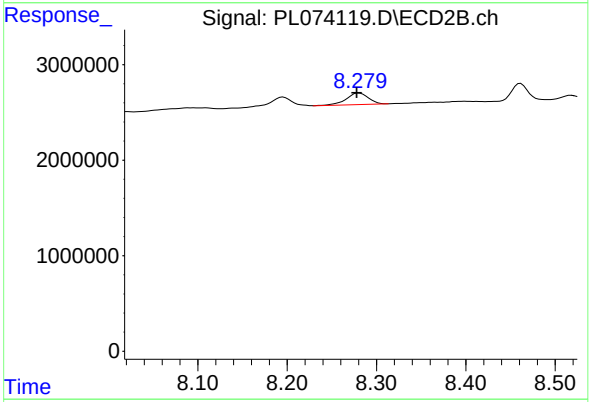
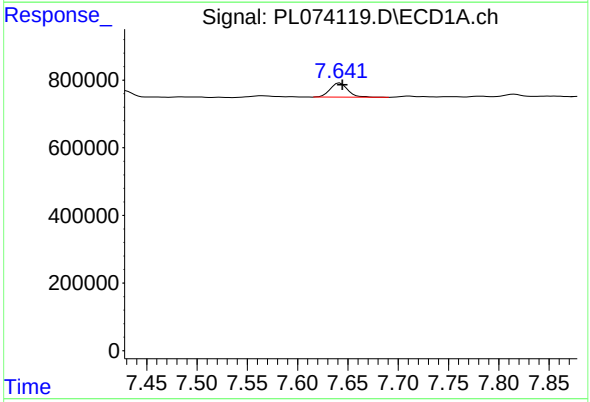


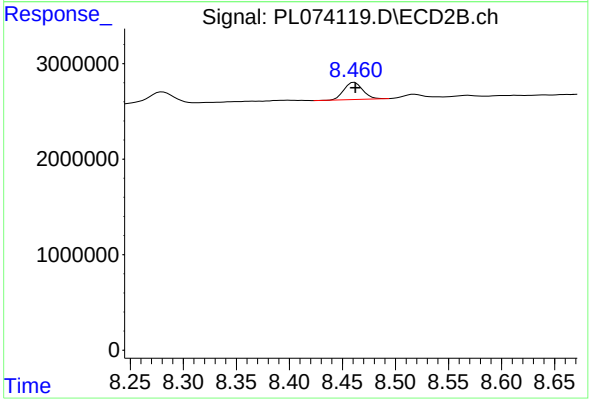
#11 alpha-Chlordane

R.T.: 8.280 min
Delta R.T.: 0.002 min
Response: 2077213
Conc: 0.96 ng/ml



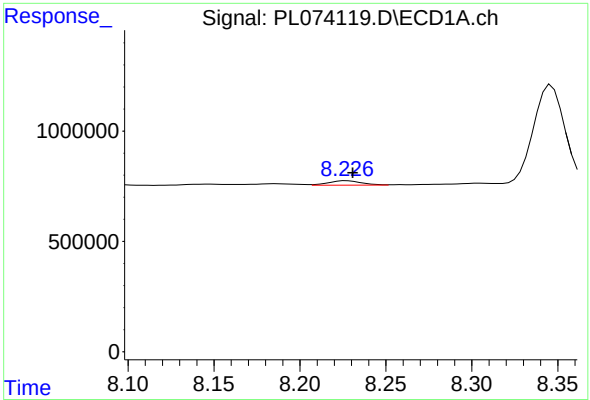
#12 4,4'-DDE

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 511159
Conc: 1.40 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 2211475
Conc: 1.11 ng/ml



#16 4,4'-DDD

R.T.: 8.227 min
Delta R.T.: -0.003 min
Response: 270471
Conc: 0.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
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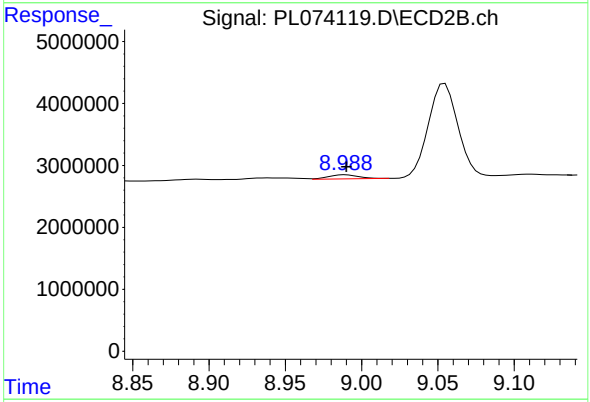
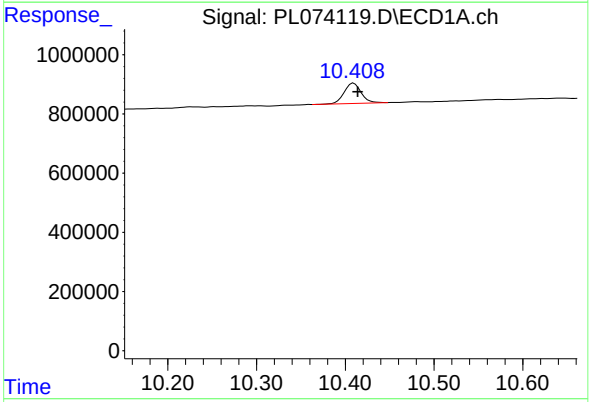


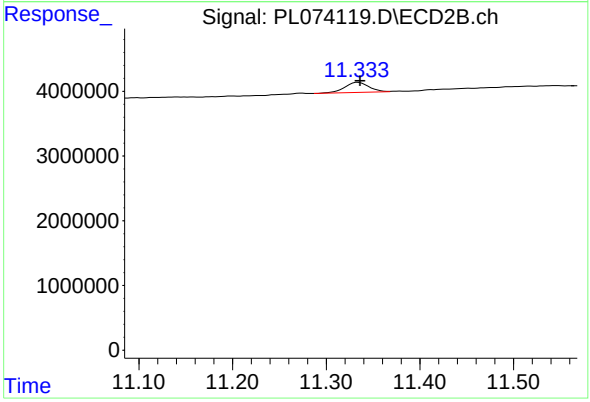
#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 904064
Conc: 0.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.410 min
Delta R.T.: -0.004 min
Response: 911300
Conc: 1.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: -0.002 min
Response: 2827329
Conc: 1.60 ng/ml