Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081424\
Data File : PL091049.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2024 15:30
Operator : AR\AJ
Sample : P3518-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
OU4-TS-08-080724

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 15 03:46:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 2024
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...	3.544	2.784	22844989	19600394	10.640	10.041
28)	SA Decachlor...	9.056	7.925	13094379	14952683	8.589	7.894
	Target Compounds						
11)	B alpha-Chl...	6.026	5.053	4706245	3739560	1.955	1.590
12)	B 4,4'-DDE	6.193	5.242	4647181	3483764	2.221m	1.667m
16)	A 4,4'-DDD	6.714	5.797	2780363	588983	1.840m	0.357m#
17)	MA 4,4'-DDT	7.023	6.046	2090634	3068515	1.178m	1.727 #

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

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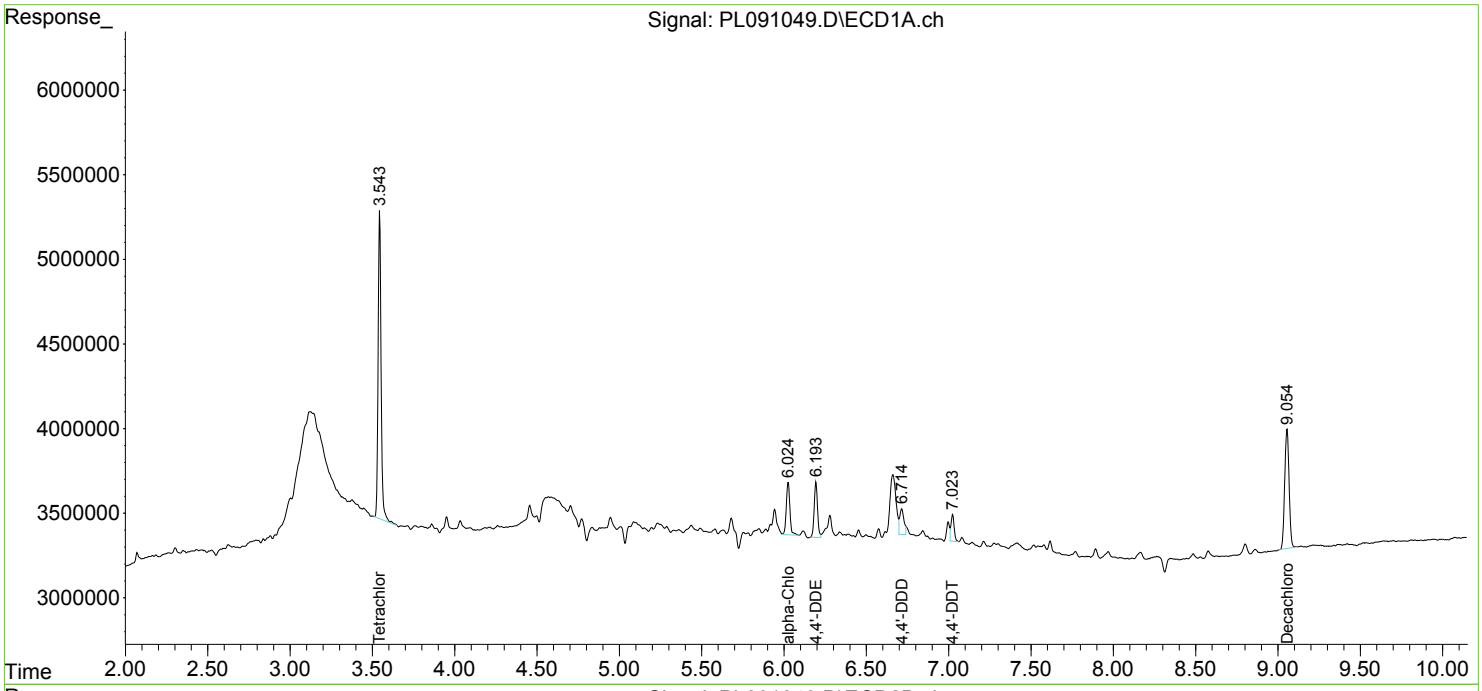

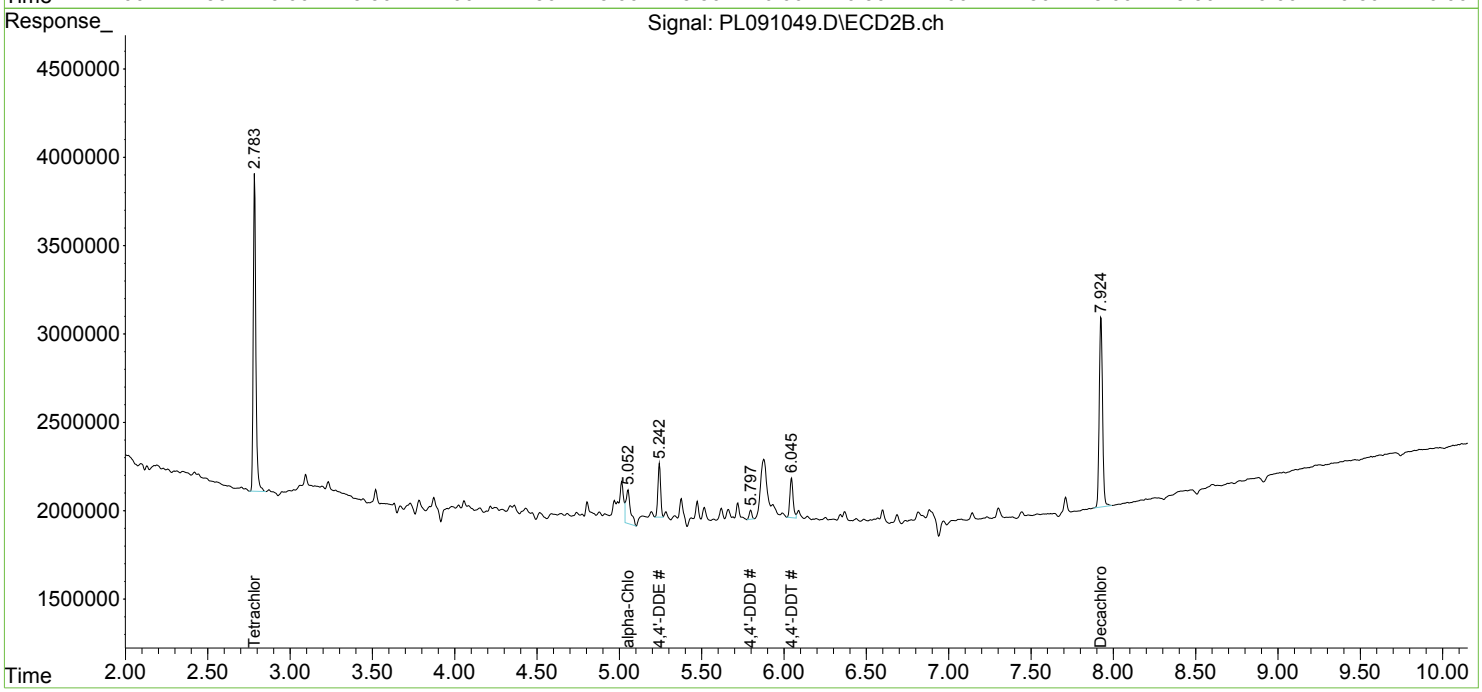

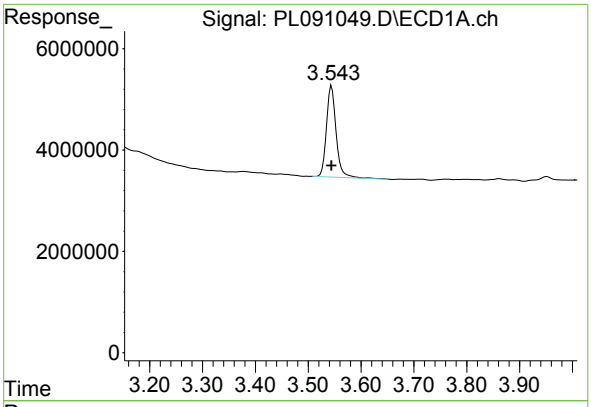

#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 22844989
Conc: 10.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-TS-08-080724

Manual Integrations
APPROVED

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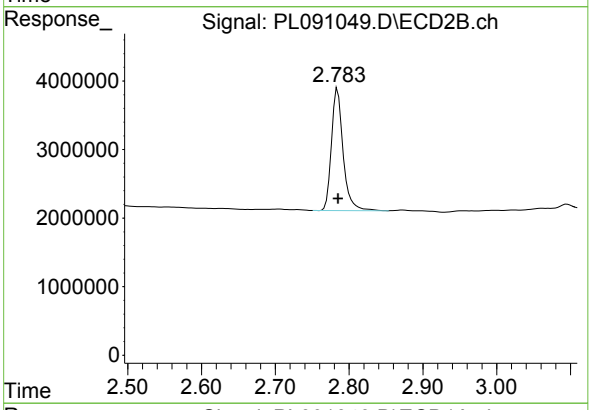
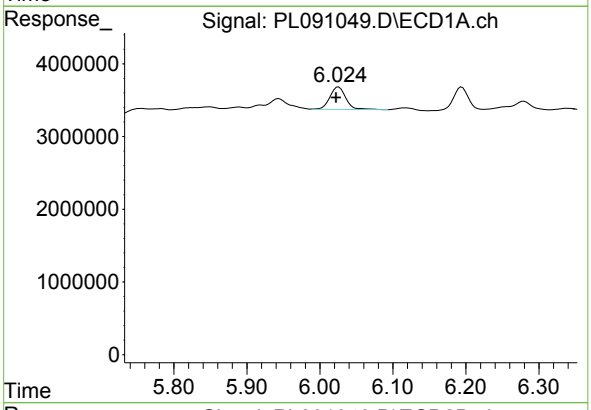


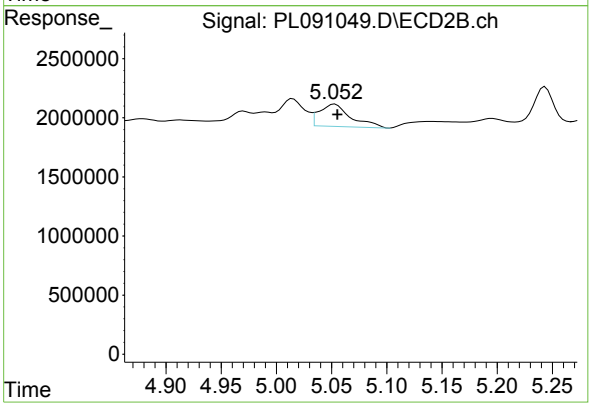
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: 0.000 min
Response: 19600394
Conc: 10.04 ng/ml



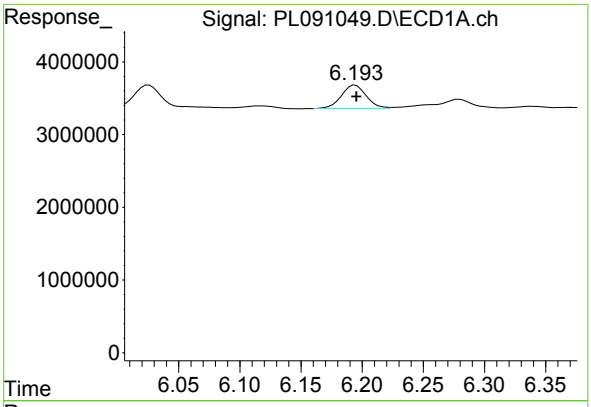
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.003 min
Response: 4706245
Conc: 1.95 ng/ml



#11 alpha-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 3739560
Conc: 1.59 ng/ml



#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 4647181
Conc: 2.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-TS-08-080724

Manual Integrations APPROVED

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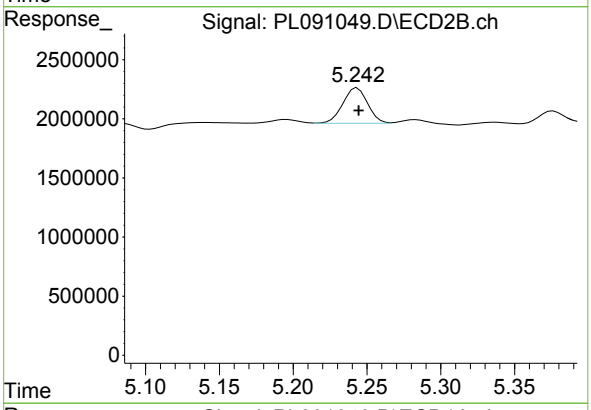
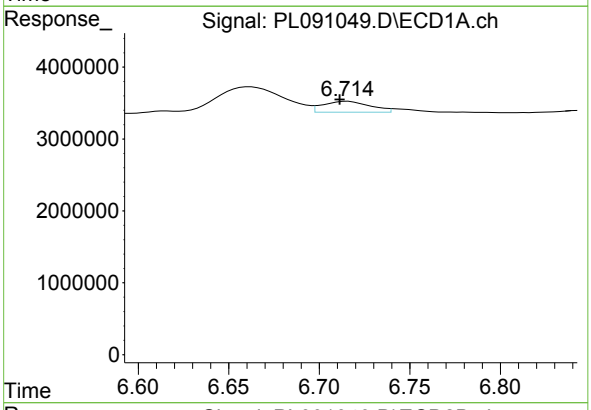


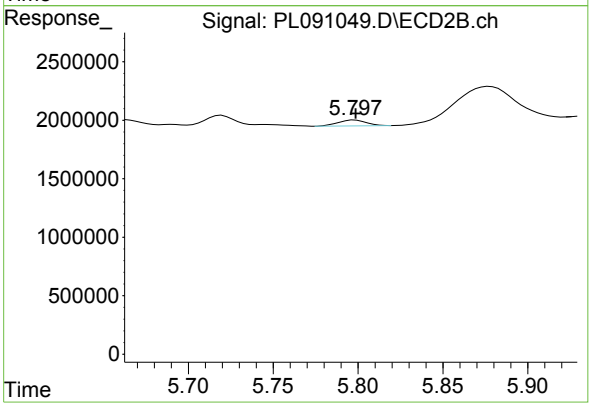
#12 4,4'-DDE

R.T.: 5.242 min
Delta R.T.: -0.002 min
Response: 3483764
Conc: 1.67 ng/ml m



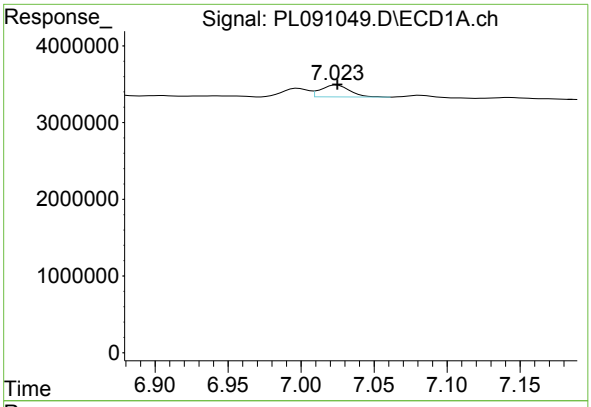
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.003 min
Response: 2780363
Conc: 1.84 ng/ml m



#16 4,4'-DDD

R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 588983
Conc: 0.36 ng/ml m



#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.002 min
Response: 2090634
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-TS-08-080724

Manual Integrations
APPROVED

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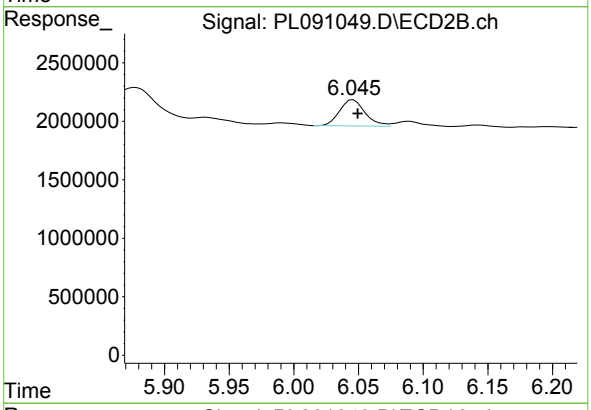
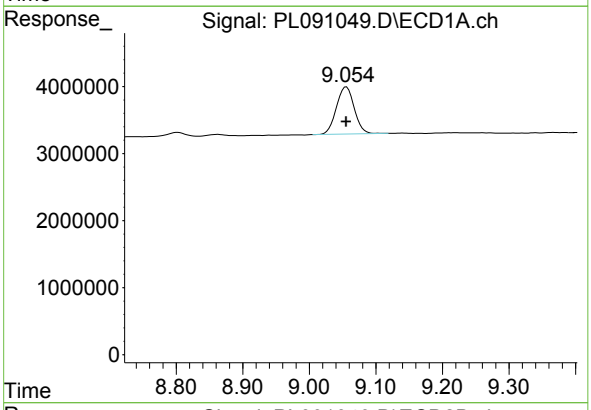


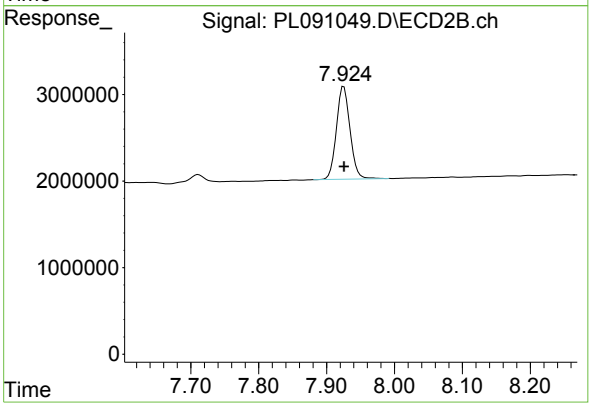
#17 4,4'-DDT

R.T.: 6.046 min
Delta R.T.: -0.003 min
Response: 3068515
Conc: 1.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 13094379
Conc: 8.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 14952683
Conc: 7.89 ng/ml