Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092523\
Data File : PL085496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2023 22:30
Operator : AR\AJ
Sample : 04566-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
CPT102-06

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/26/2023
Supervised By :Ankita Jodhani 09/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 00:21:34 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
Quant Title : GC Extractables
QLast Update : Mon Sep 25 17:13:17 2023
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...	3.414	2.650	49091949	22237826	19.088	19.599
28)	SA Decachlor...	8.940	7.823	31483119	17889466	15.341	15.068
	Target Compounds						
10)	B gamma-Chl...	5.818	4.854	2859519	465272	0.985m	0.347m#
11)	B alpha-Chl...	5.899	4.920	3183309	1230657	1.103m	0.895
12)	B 4,4'-DDE	6.081	5.120	1767242	706966	0.711	0.587
16)	A 4,4'-DDD	6.599	5.677	3391177	1535853	1.691m	1.531

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

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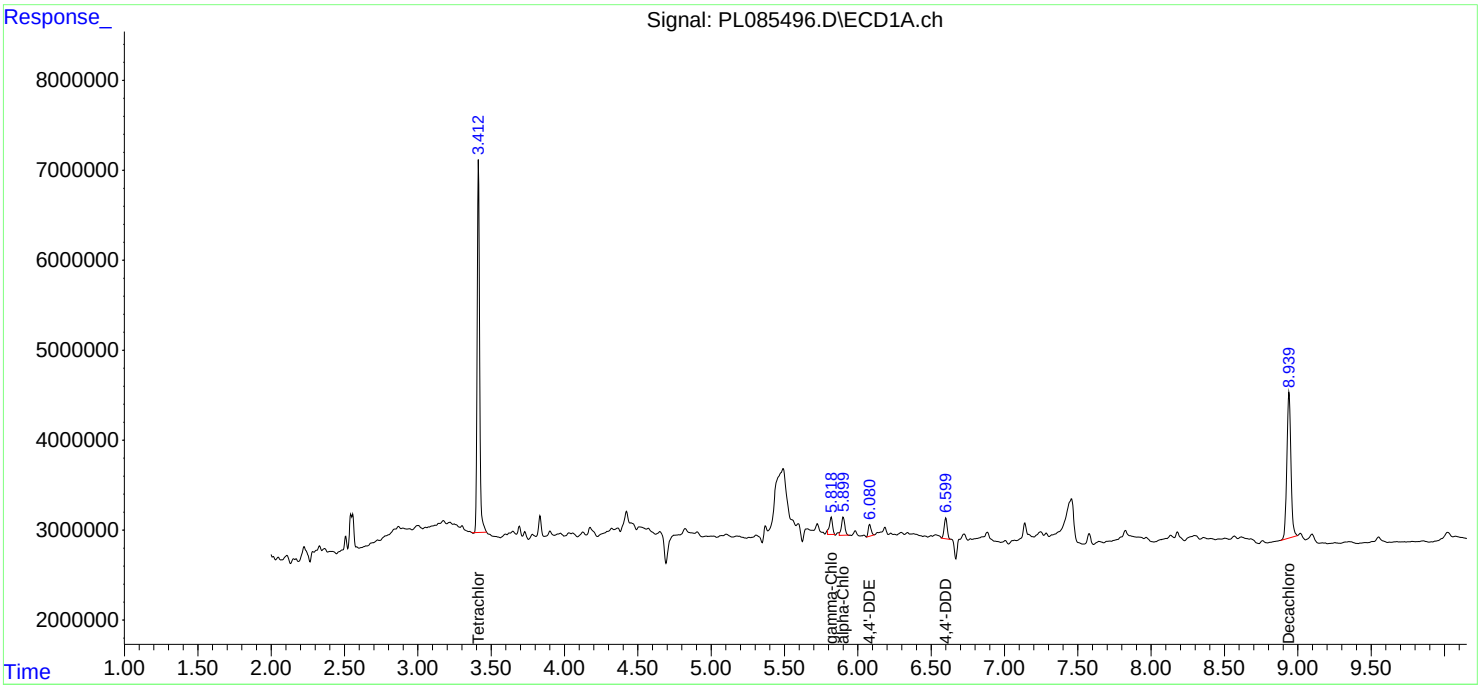

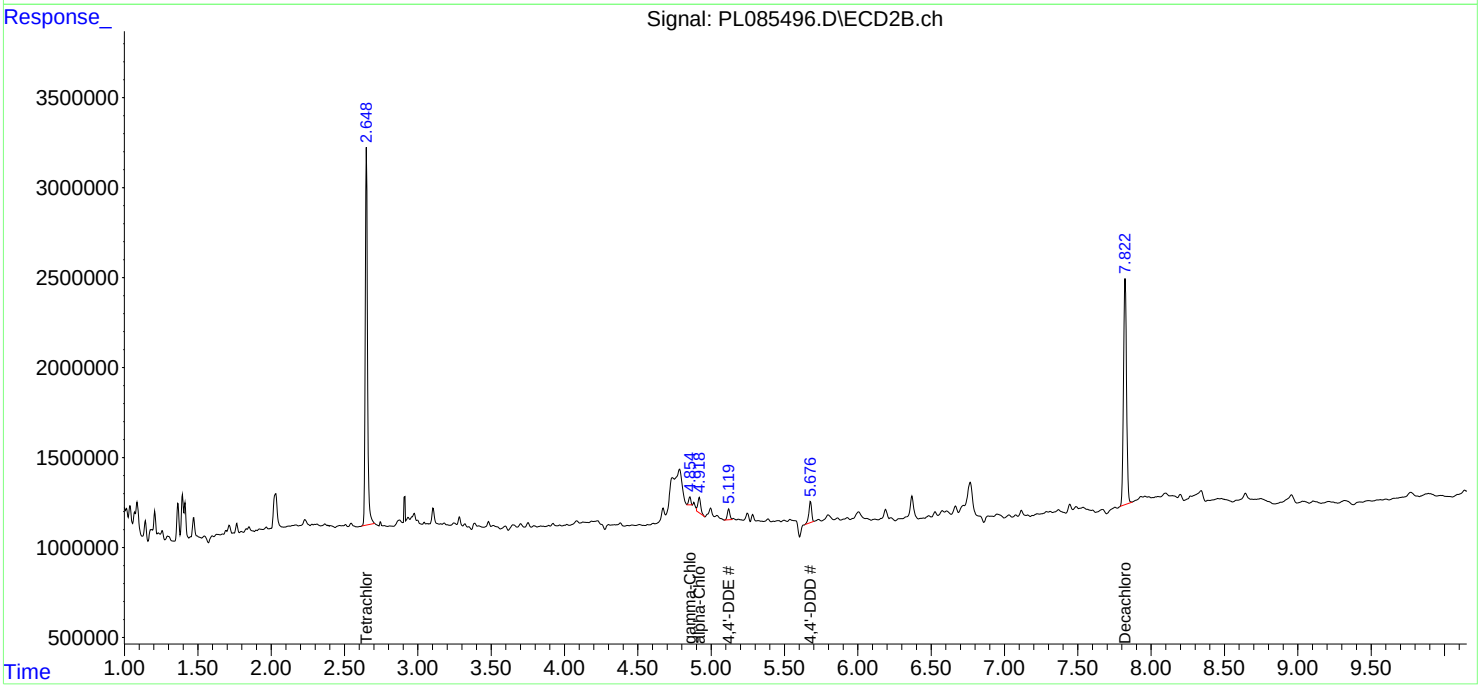

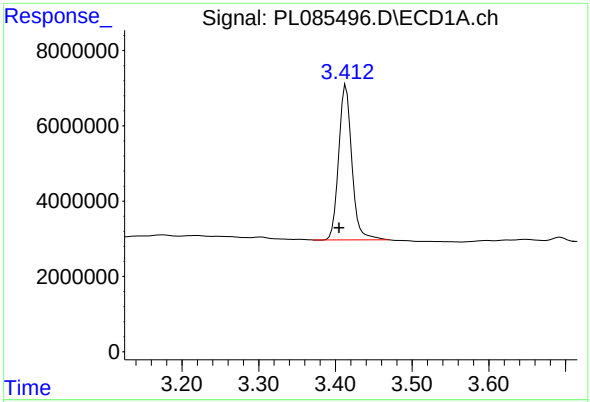

#1 Tetrachloro-m-xylene

R.T.: 3.414 min
Delta R.T.: 0.009 min
Response: 49091949
Conc: 19.09 ng/ml

Instrument :
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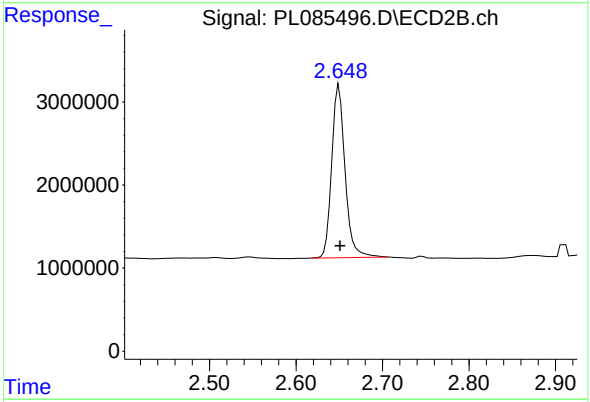
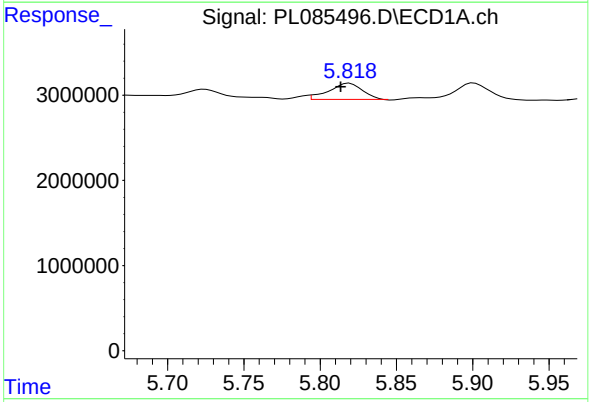


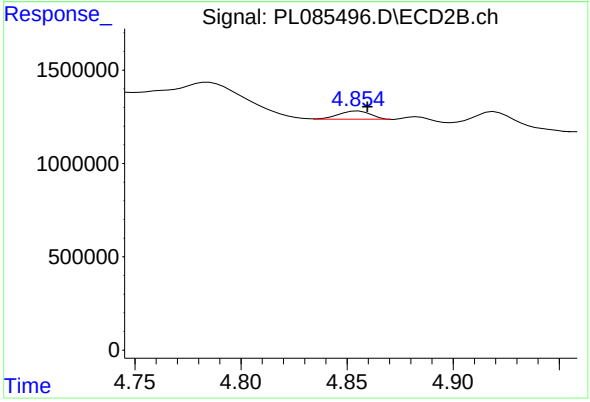
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: -0.001 min
Response: 22237826
Conc: 19.60 ng/ml



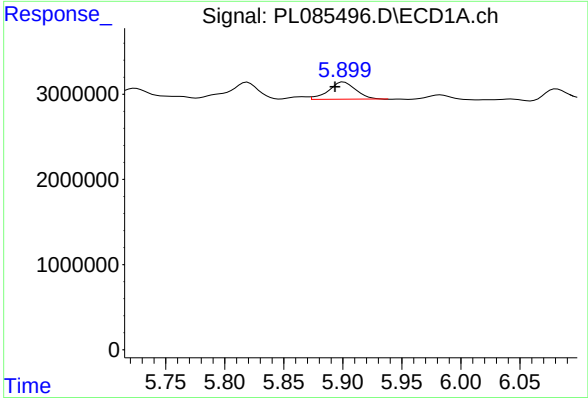
#10 gamma-Chlordane

R.T.: 5.818 min
Delta R.T.: 0.004 min
Response: 2859519
Conc: 0.99 ng/ml m



#10 gamma-Chlordane

R.T.: 4.854 min
Delta R.T.: -0.006 min
Response: 465272
Conc: 0.35 ng/ml m



#11 alpha-Chlordane

R.T.: 5.899 min
Delta R.T.: 0.006 min
Response: 3183309
Conc: 1.10 ng/ml

Instrument :
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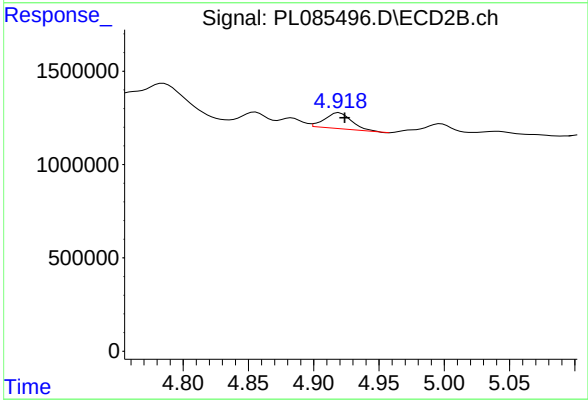
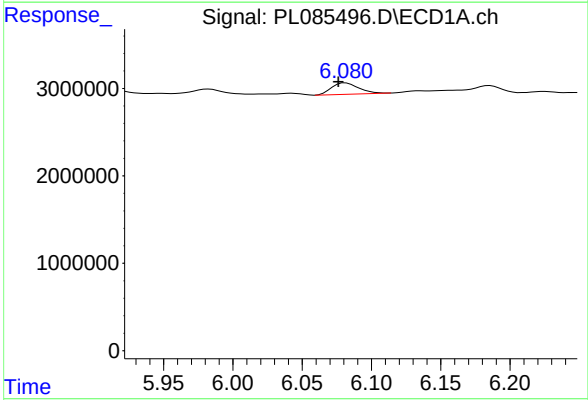


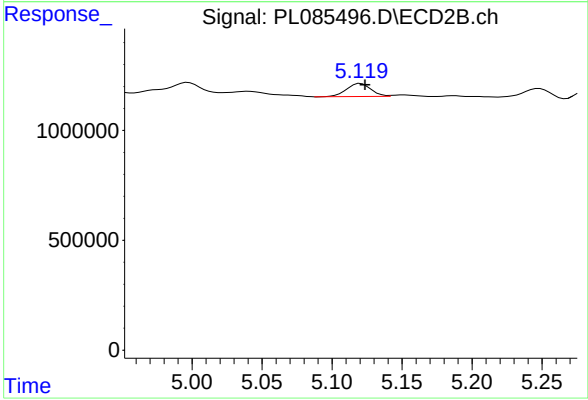
#11 alpha-Chlordane

R.T.: 4.920 min
Delta R.T.: -0.004 min
Response: 1230657
Conc: 0.90 ng/ml



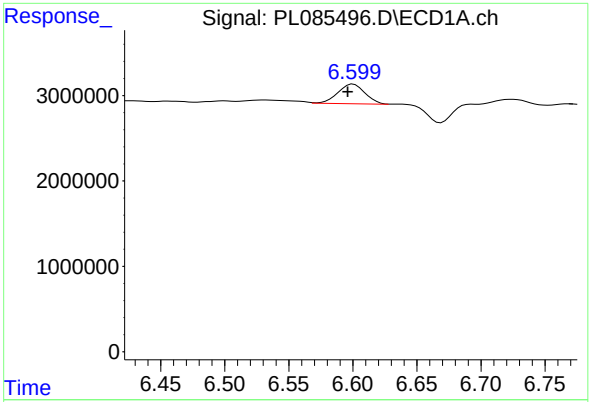
#12 4,4'-DDE

R.T.: 6.081 min
Delta R.T.: 0.005 min
Response: 1767242
Conc: 0.71 ng/ml



#12 4,4'-DDE

R.T.: 5.120 min
Delta R.T.: -0.003 min
Response: 706966
Conc: 0.59 ng/ml



#16 4,4'-DDD

R.T.: 6.599 min
Delta R.T.: 0.003 min
Response: 3391177
Conc: 1.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
CPT102-06

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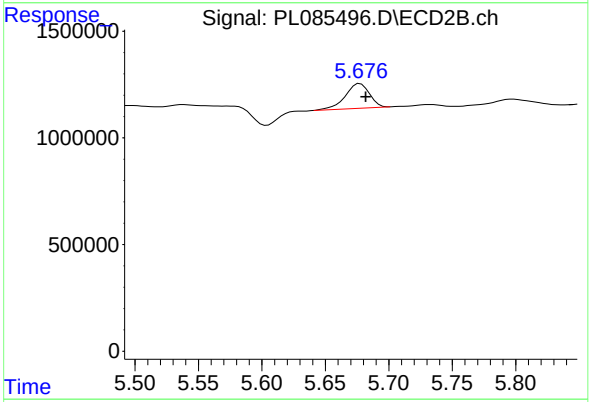
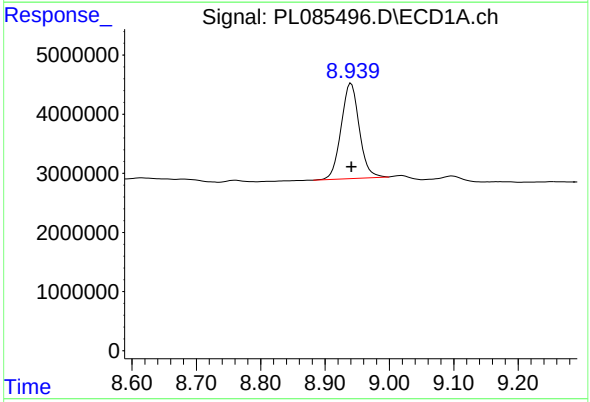


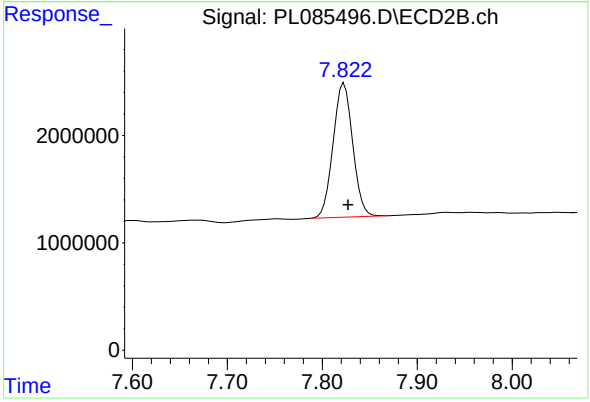
#16 4,4'-DDD

R.T.: 5.677 min
Delta R.T.: -0.004 min
Response: 1535853
Conc: 1.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.940 min
Delta R.T.: 0.000 min
Response: 31483119
Conc: 15.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.823 min
Delta R.T.: -0.004 min
Response: 17889466
Conc: 15.07 ng/ml