

Supplementary Information

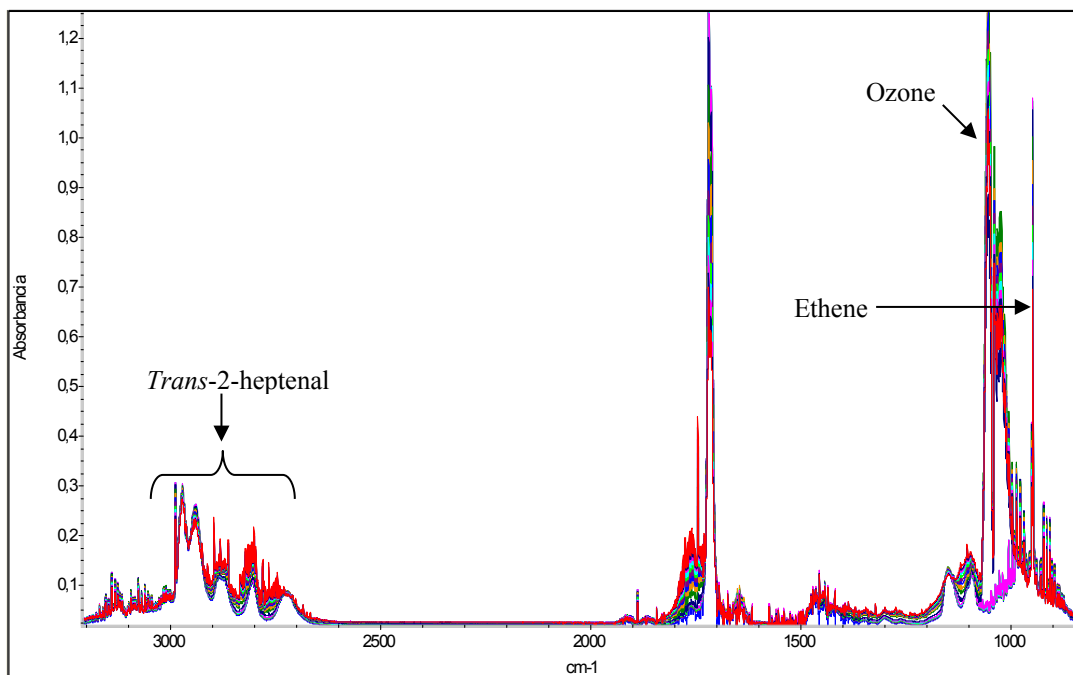


Figure S1: IR spectra obtained from the kinetic experimental study of the reaction of O_3 +*trans*-2-heptenal using ethene as reference compound.

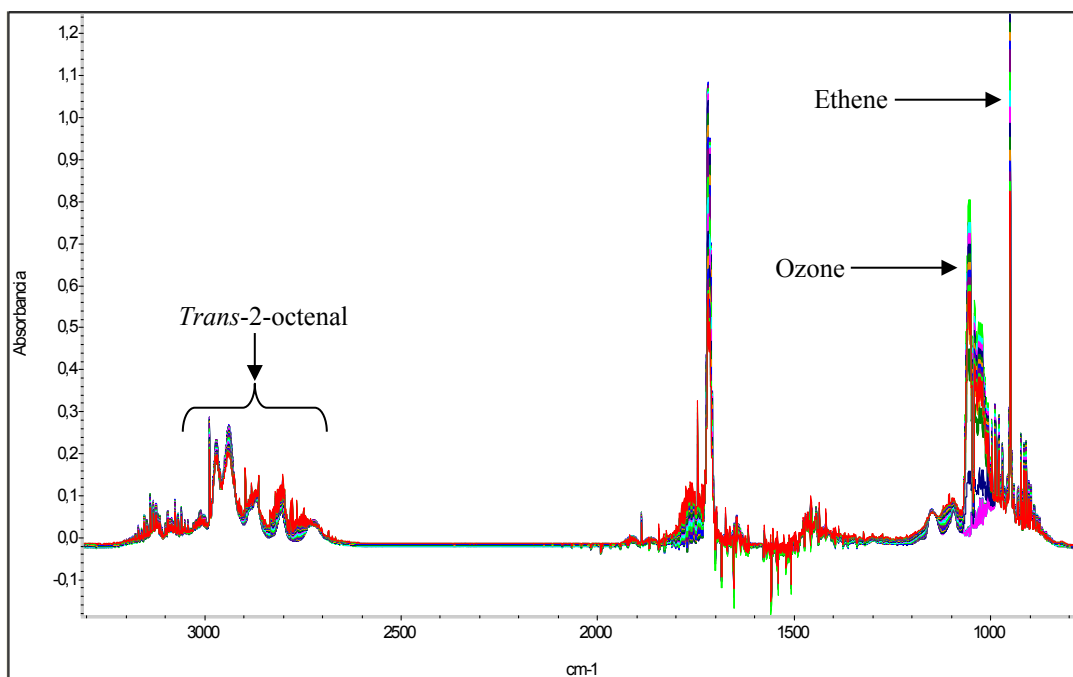


Figure S2: IR spectra obtained from the kinetic experimental study of the reaction of O_3 +*trans*-2-octenal using ethene as reference compound.

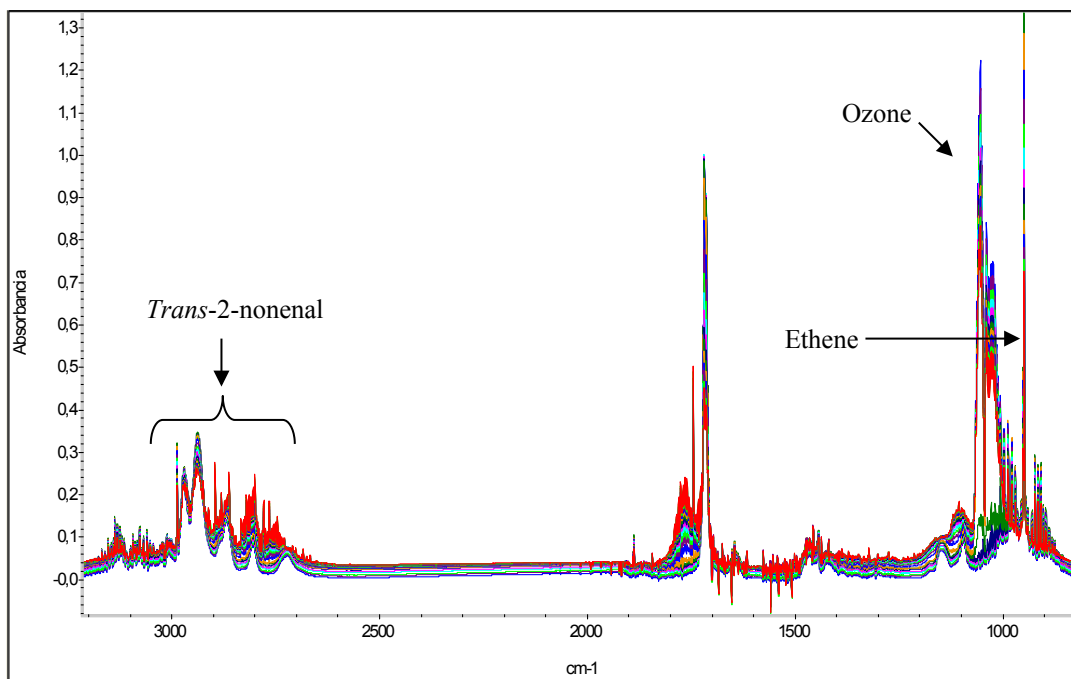


Figure S3: IR spectra obtained from the kinetic experimental study of the reaction of O_3 +*trans*-2-nonenal using ethene as reference compound.

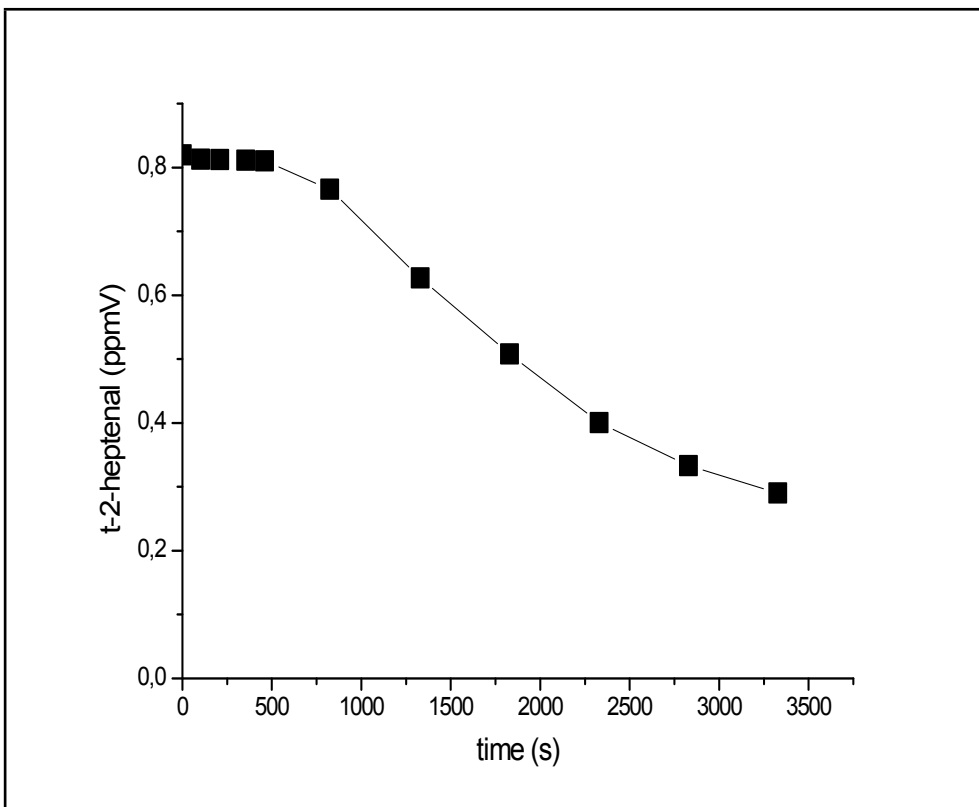


Figure S4: Concentration-time profile for *trans*-2-heptenal.

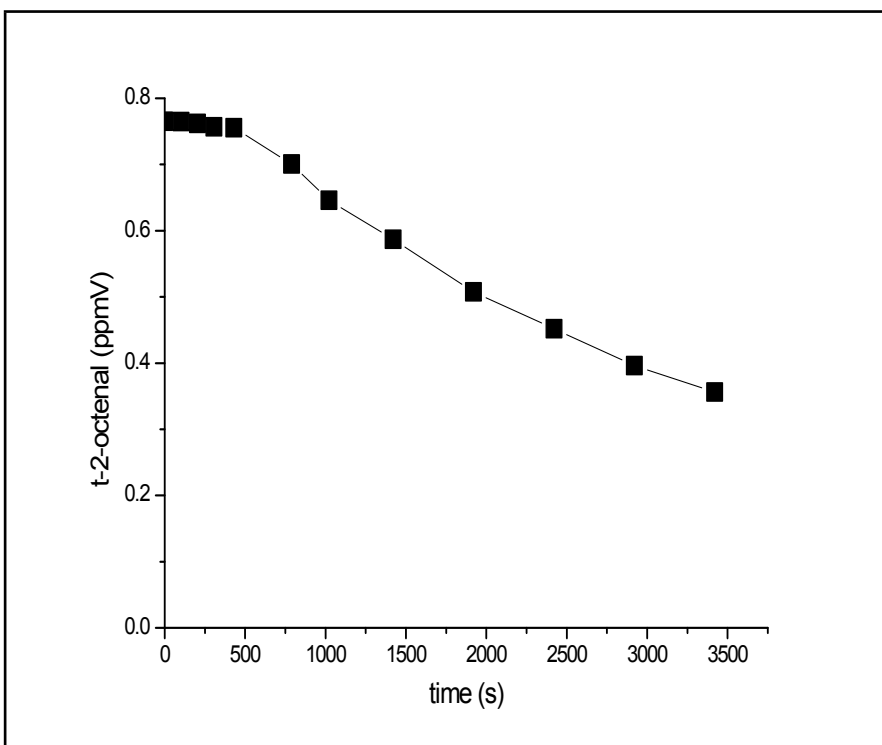


Figure S5: Concentration-time profile for *trans*-2-octenal.

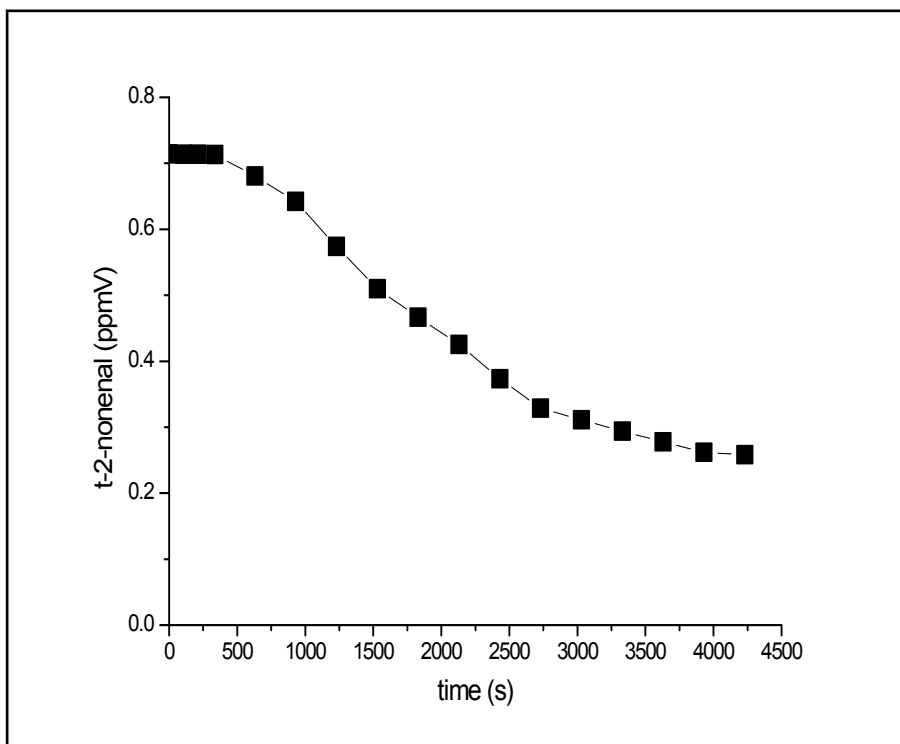


Figure S6: Concentration-time profile for *trans*-2-nonenal.