

Comparative Analysis of the Chemical Composition and Antimicrobial Activity of Four Moroccan North Middle

Atlas Medicinal Plants' Essential Oils: *Rosmarinus officinalis* L., *Mentha pulegium* L., *Salvia officinalis* L., and *Thymus zygis* subsp. *gracilis* (Boiss.) R. Morales

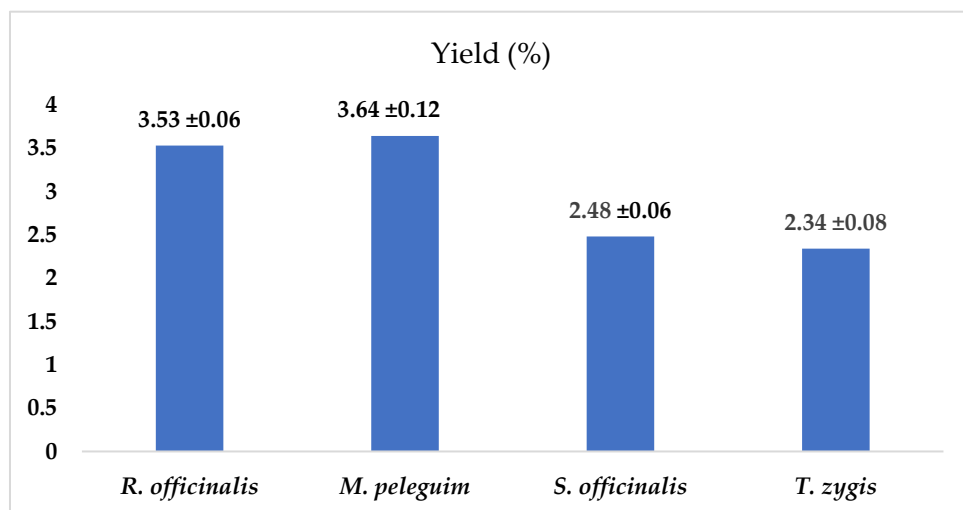
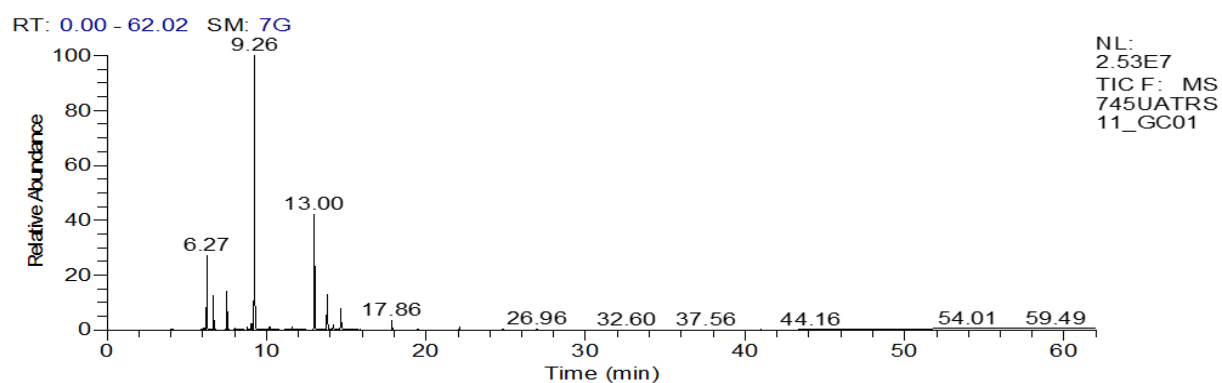
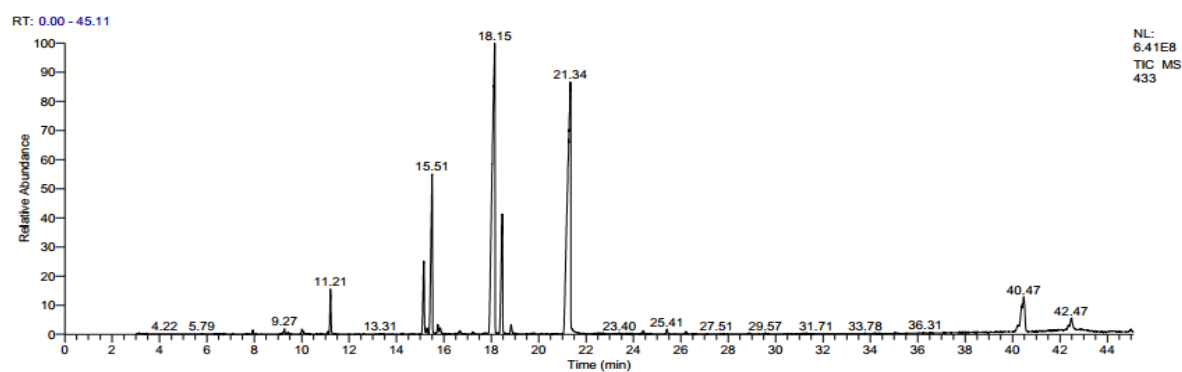


Figure S1. Yields of essential oils plants.

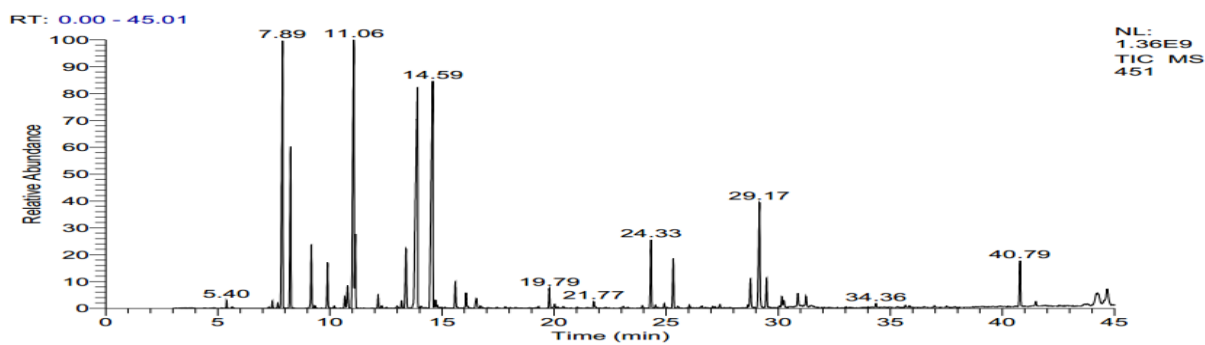
(A)



(B)



(C)



(D)

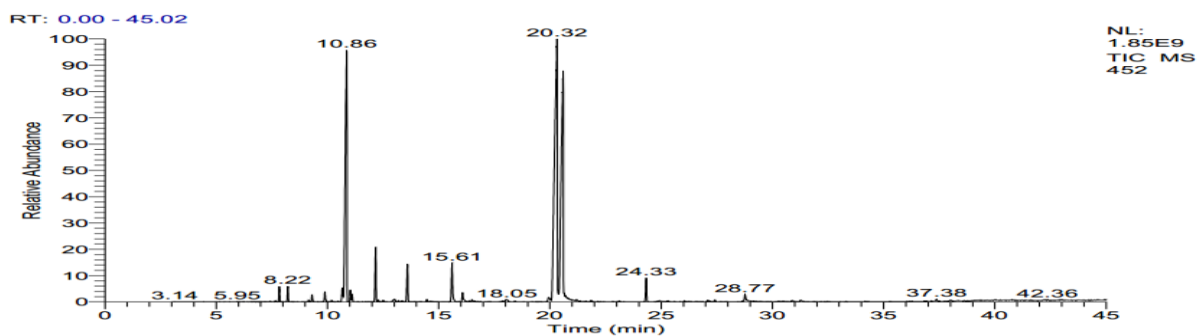


Figure S2. GC-MS chromatogram of the EO of *R. officinalis* (A), *M. pulegium* (B), *S. officinalis* (C), and *T. zygis* (D).

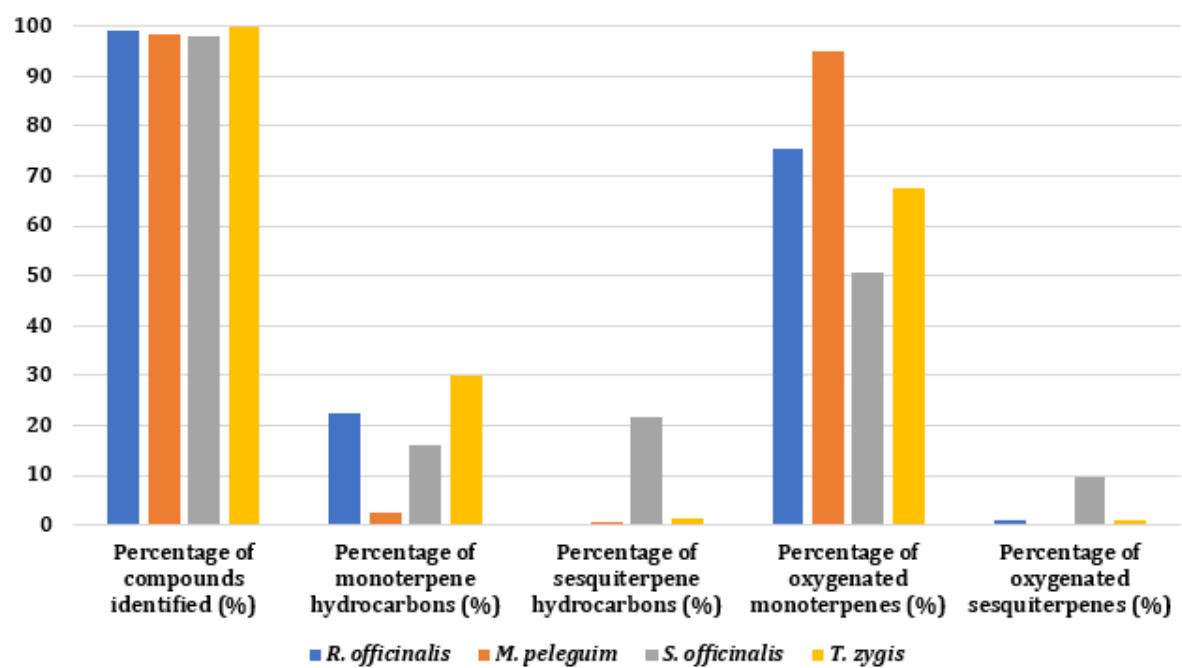


Figure S3. Chemical families of the four plants' EO.

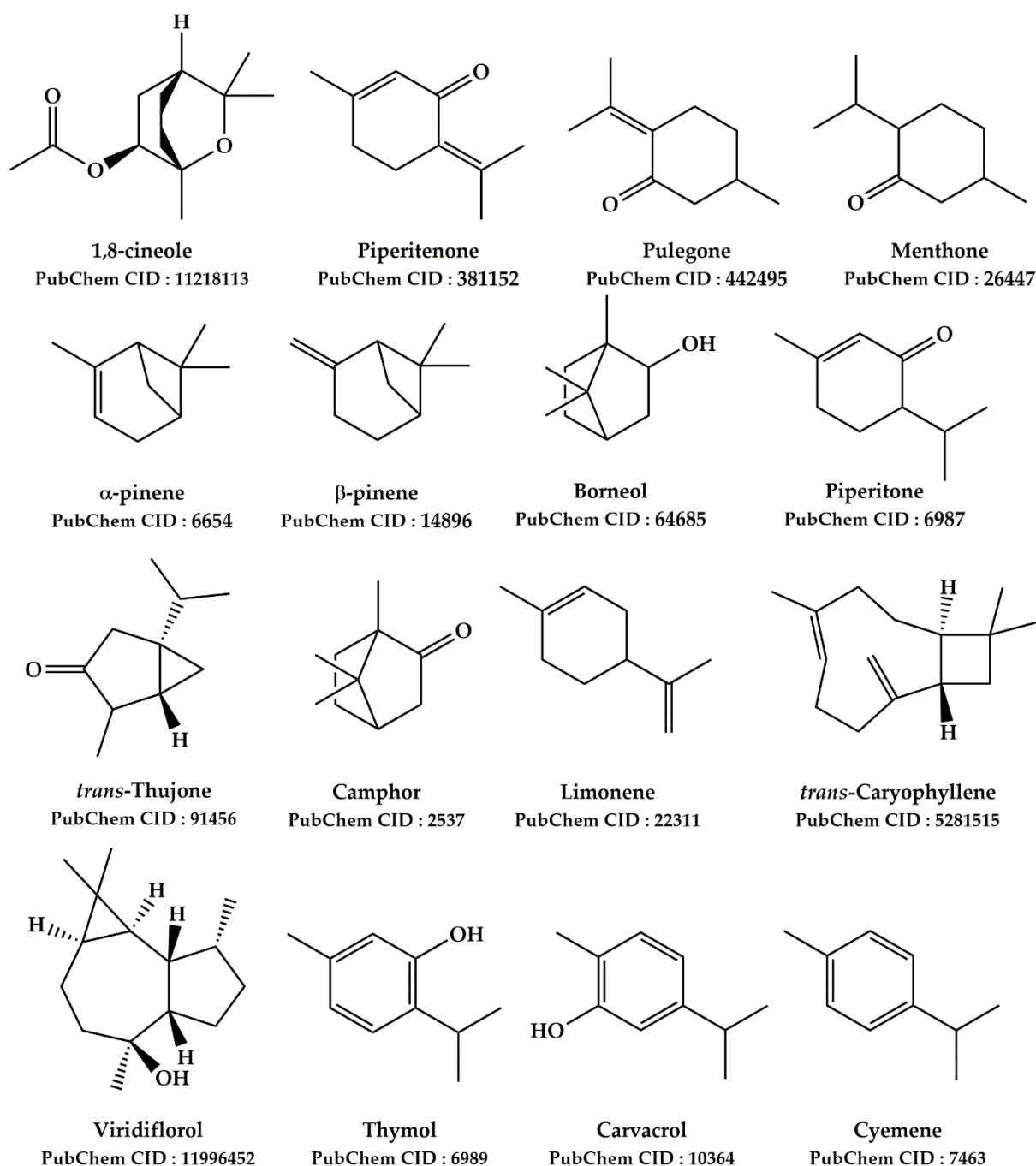


Figure S4. Major chemical compounds isolated from essential oils of *R. officinalis*, *M. pulegium*, *S. officinalis*, and *T. zygis*