

Phytochemical characterization, and antioxidant and antimicrobial properties of agitated cultures of three rue species: *Ruta chalepensis*, *Ruta corsica* and *Ruta graveolens*.

Supplementary files

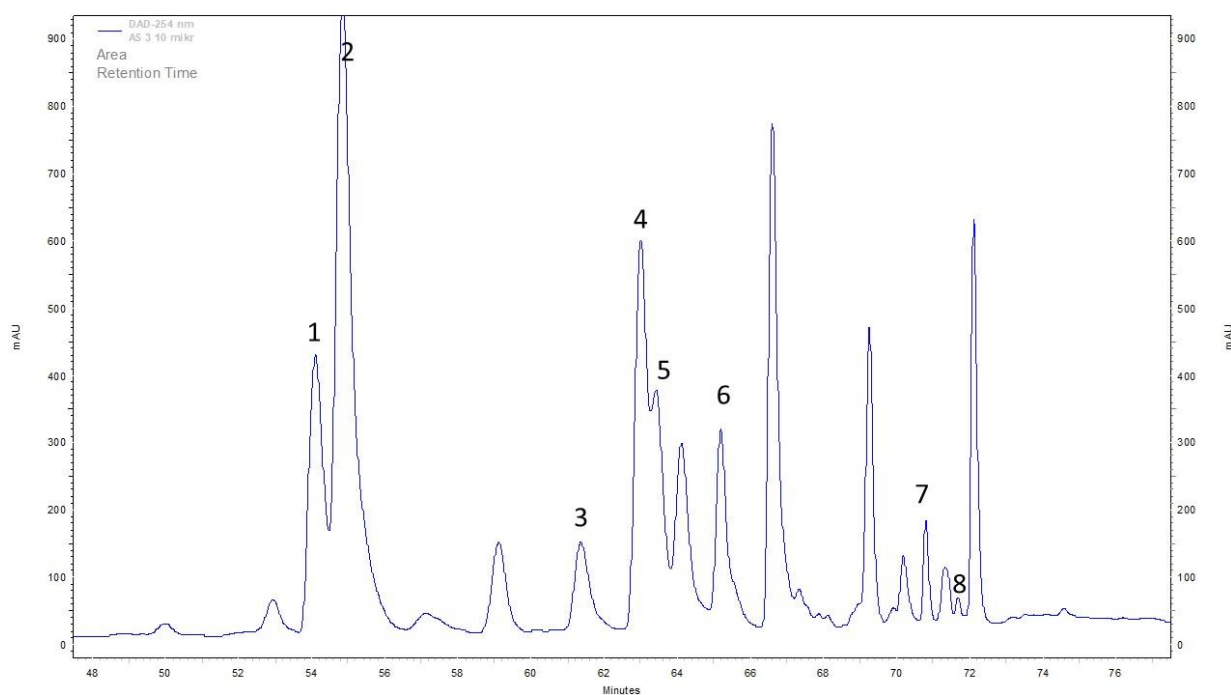


Figure S1 Sample chromatogram of the extract from *Ruta corsica* *in vitro* cultures (1. psoralen, 2. xanthotoxin, 3. isopimpinellin, 4. skimmianine, 5. bergapten, 6. γ -fagarine, 7. 7-isopentenyl-oxy- γ -fagarine, 8. isoimperatorin)

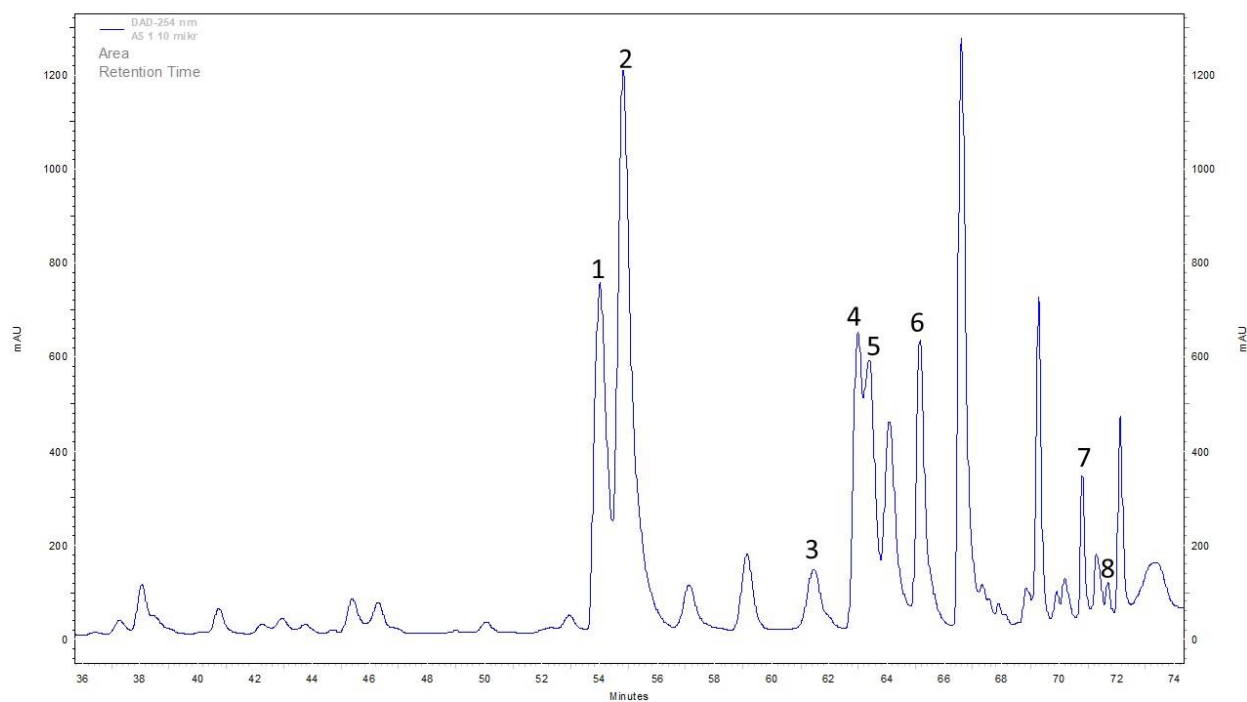


Figure S2 Sample chromatogram of the extract from *Ruta chalepensis* *in vitro* cultures. (1. psoralen, 2. xanthotoxin, 3. isopimpinellin, 4. skimmianine, 5. bergapten, 6. γ -fagarine, 7. 7-isopentenylxy- γ -fagarine, 8. isoimperatorin)

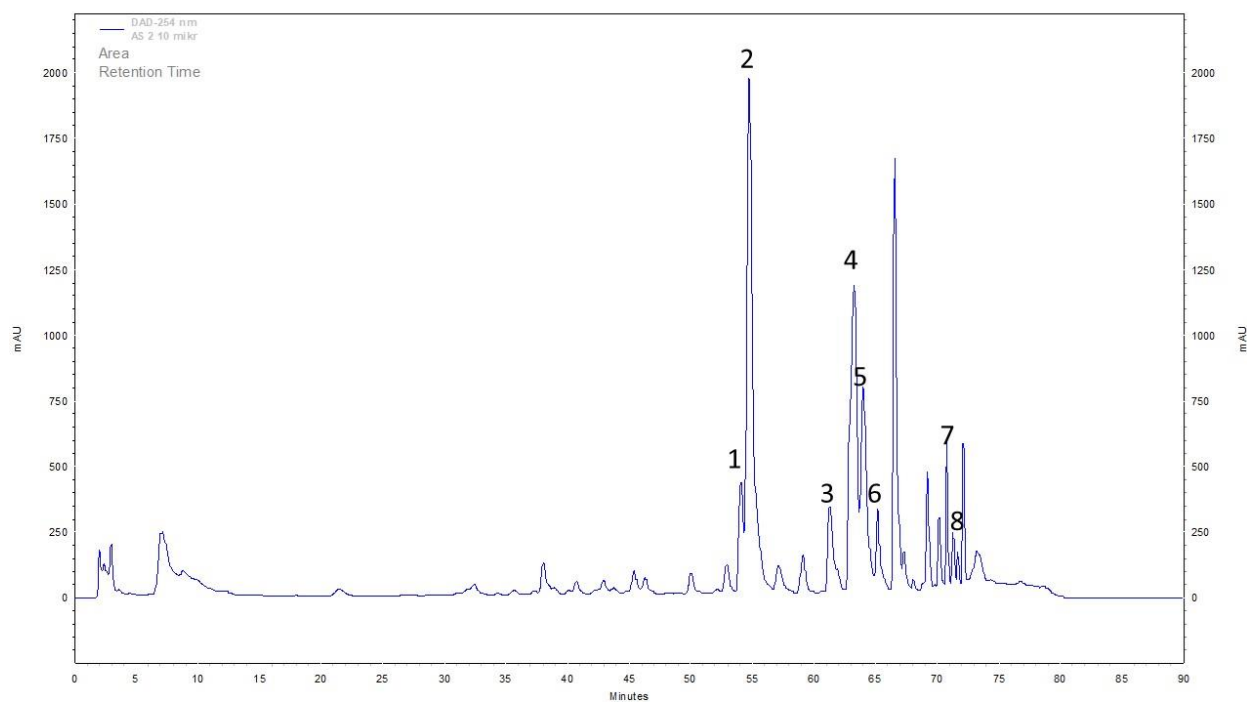


Figure S3 Sample chromatogram of the extract from *Ruta graveolens* *in vitro* cultures. (1. psoralen, 2. xanthotoxin, 3. isopimpinellin, 4. skimmianine, 5. bergapten, 6. γ -fagarine, 7. 7-isopentenyl-oxy- γ -fagarine, 8. isoimperatorin)