

SUPPLEMENTAL DATA

Gušić et al: *A. annua* L. sesquiterpenoids & SARS-CoV-2

Profiling of sesquiterpenoid fractions from *Artemisia annua* L. and testing their *in vitro* anti-SARS-CoV-2 activity

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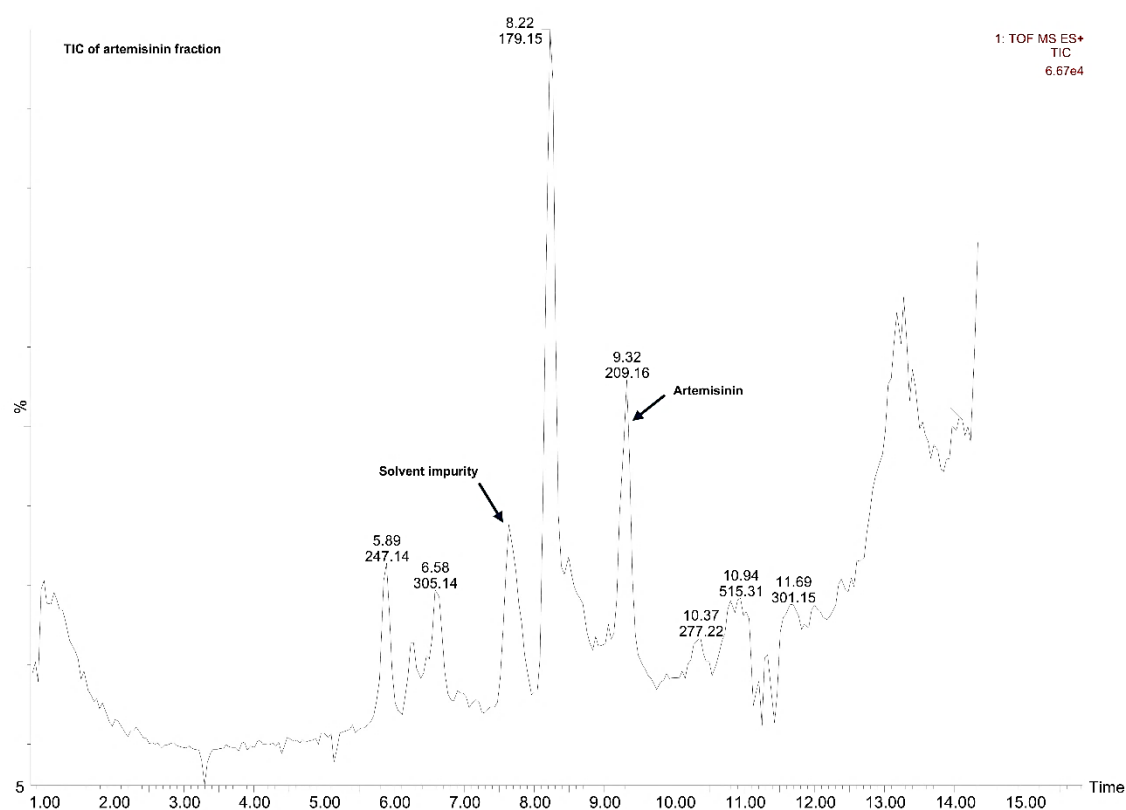


Figure S1. Total Ion Chromatogram (TIC) of the artemisinin fraction obtained by HSCCC from the crude EtOH extract of *Artemisia annua* L.

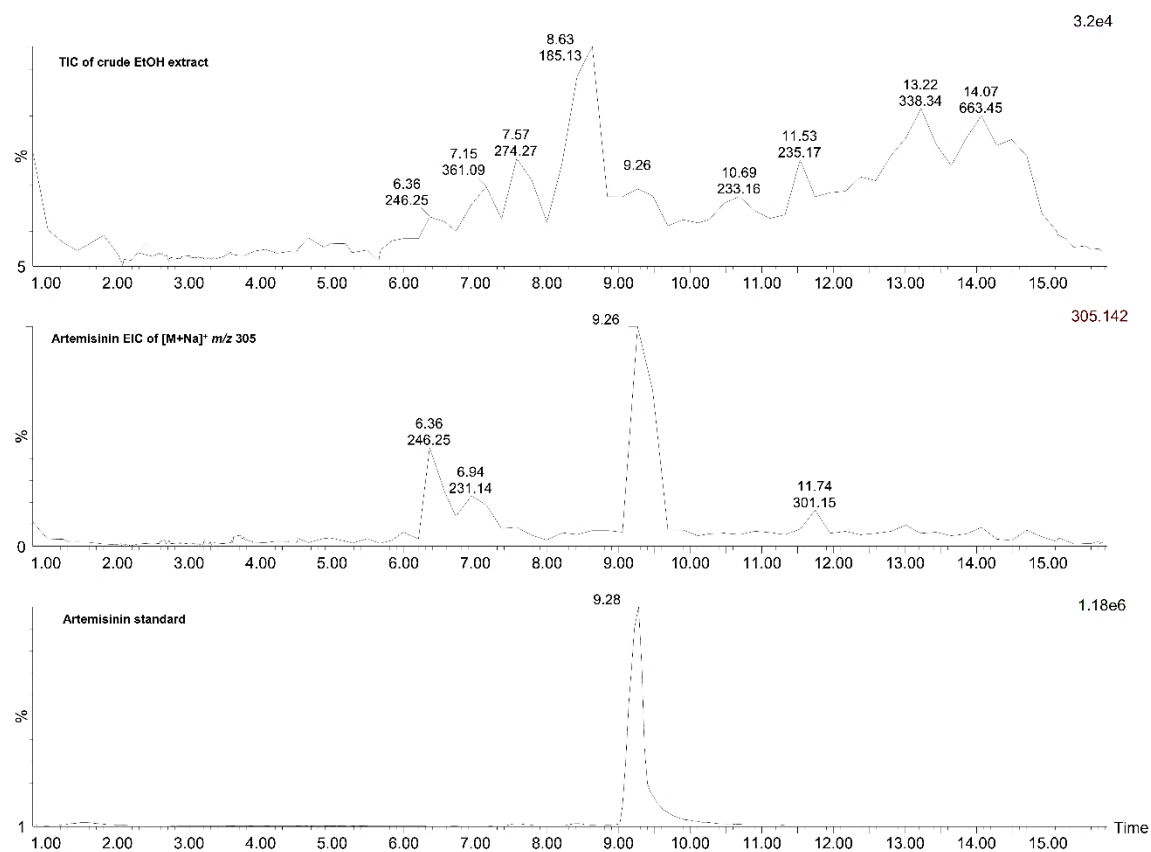


Figure S2. Comparison of Total Ion Chromatogram (TIC) and Extracted Ion Chromatogram (EIC) for artemisinin (m/z 305 $[M+Na]^+$) in crude EtOH extract of *Artemisia annua* L.

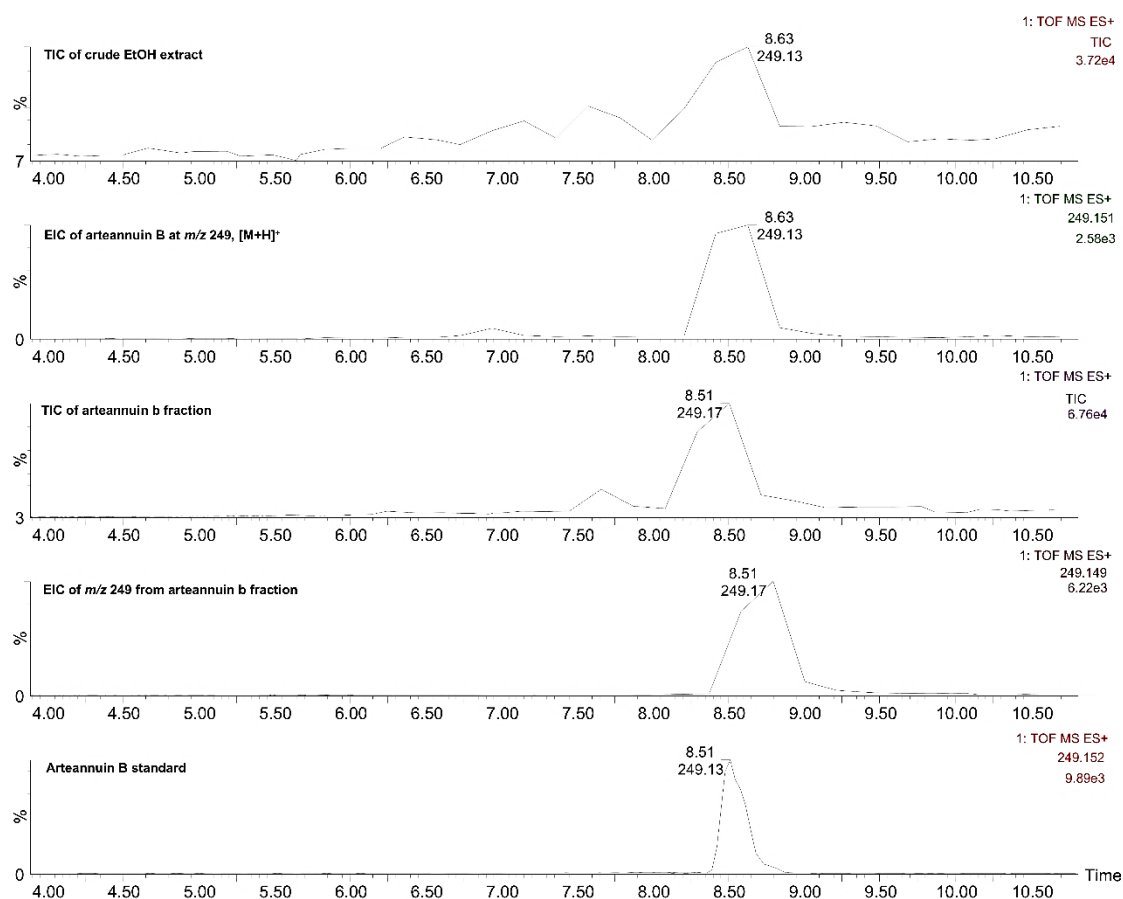


Figure S3. Comparison of Total Ion Chromatogram (TIC) and Extracted Ion Chromatogram (EIC) for arteannuin B (m/z 249 $[M+H]^+$) in the EtOH crude extract and the arteannuin B fraction of *Artemisia annua* L.

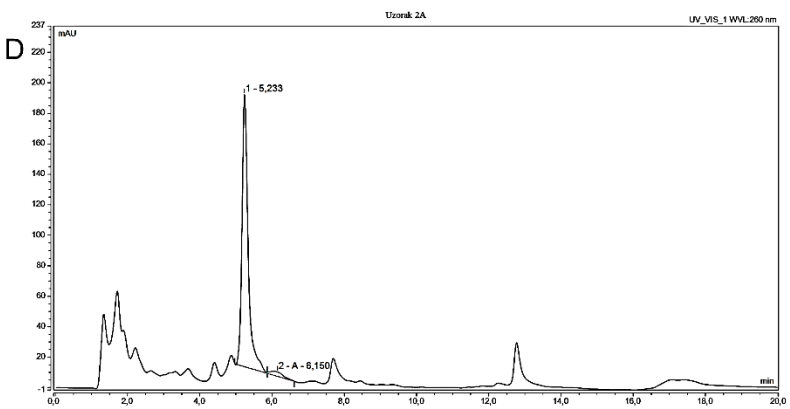
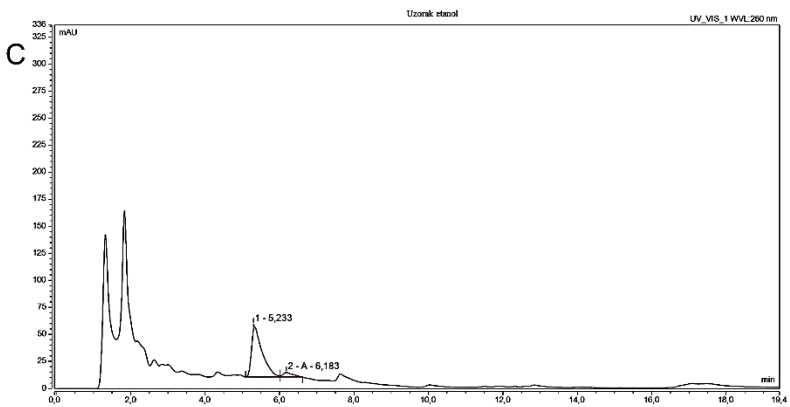
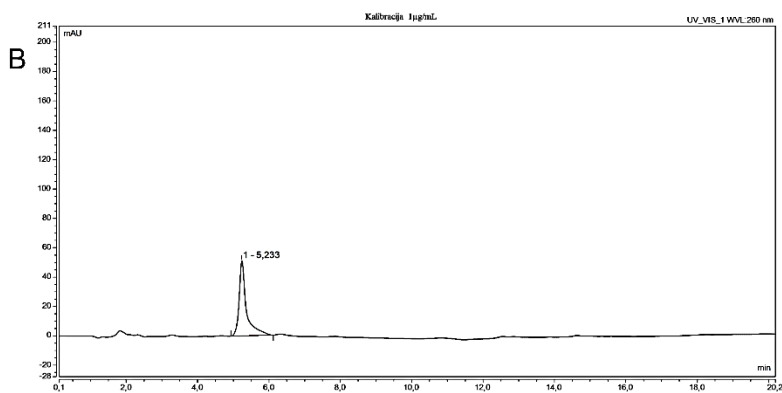
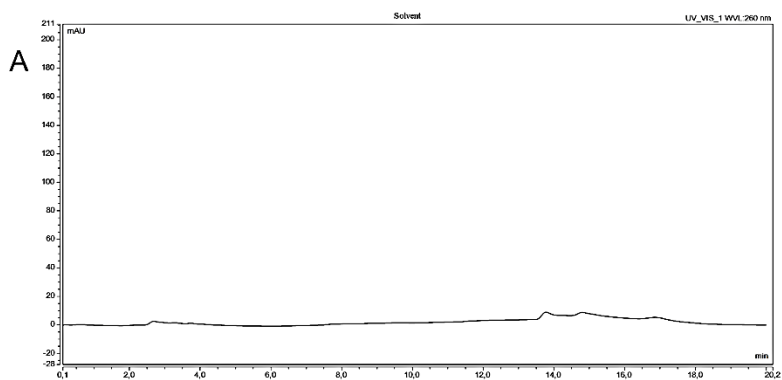


Figure S4. HPLC-DAD chromatograms for (A) Blank solvent; (B) Artemisinin working standard solution (1µg/mL); (C) Crude EtOH extract of *Artemisia annua* L.; (D) SC-CO₂ extract of *Artemisia annua* L. with retention time for artemisinin at 5.233 min.