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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

Irma Gušić[1*], Ilma Terzić[2], Toni Eterović[2], Adis Softić[2], Šejla Goletić[2], Teufik Goletić[2], Dejan Nikolić[3], Emina Korić[1], Katarina Bijelić[4,5], Haris Nikšić[1], Senka Vidović[6], Kemal Durić[1]

[1]Department of Pharmacognosy, Faculty of Pharmacy, University of Sarajevo, Sarajevo, Bosnia and Herzegovina

[2]Veterinary Faculty, University of Sarajevo, Sarajevo, Bosnia and Herzegovina.

[3]Department of Pharmaceutical Sciences, Retzky College of Pharmacy, University of Illinois at Chicago, Chicago, Illinois, United States.

[4]Department of Pharmacy, Faculty of Medicine, University of Novi Sad, Novi Sad, Serbia.

[5]Center for Medical and Pharmaceutical Investigations and Quality Control, Faculty of Medicine, University of Novi Sad, Novi Sad, Serbia.

[6]Department of Pharmaceutical Engineering, Faculty of Technology Novi Sad, University of Novi Sad, Novi Sad, Serbia.

***Correspondence to** Irma Gušić: irma.gusic@ffsa.unsa.ba

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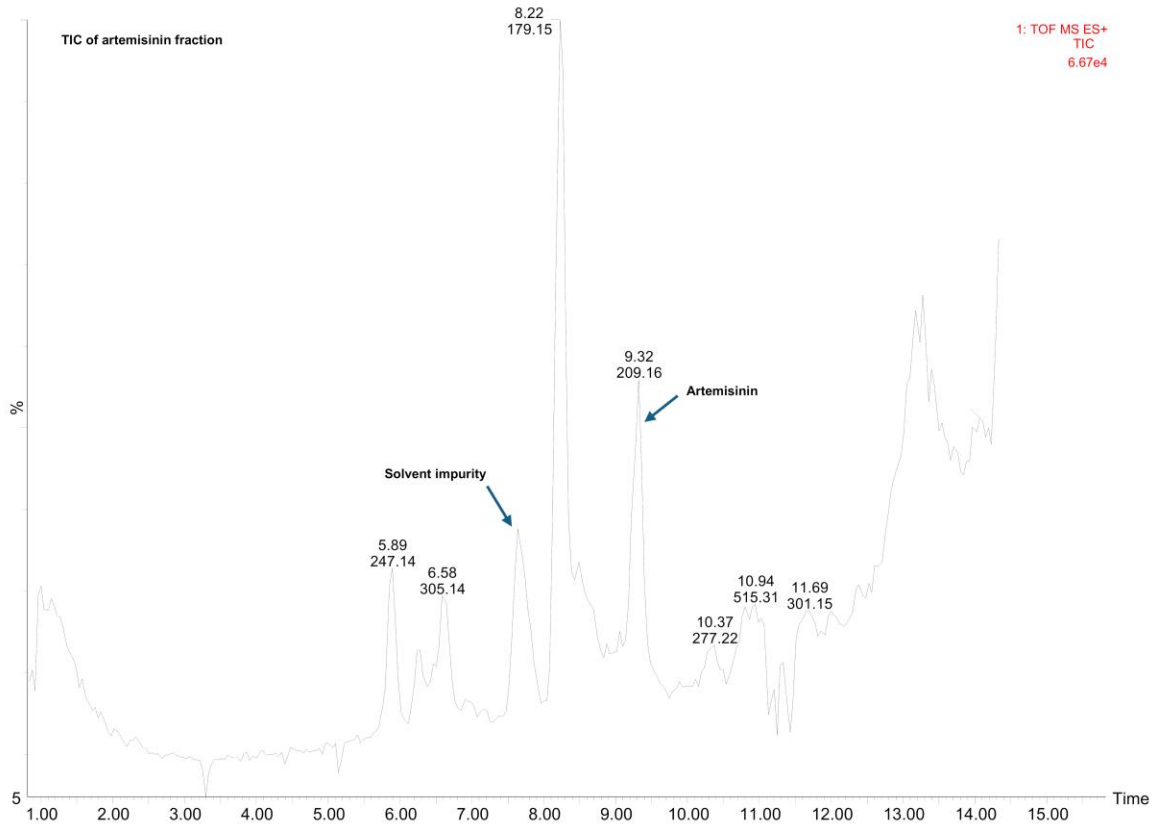


Figure S1. Total Ion Chromatogram (TIC) of the artemisinin fraction obtained by HSCCC from the crude EtOH extract of *Artemisia annua* L.

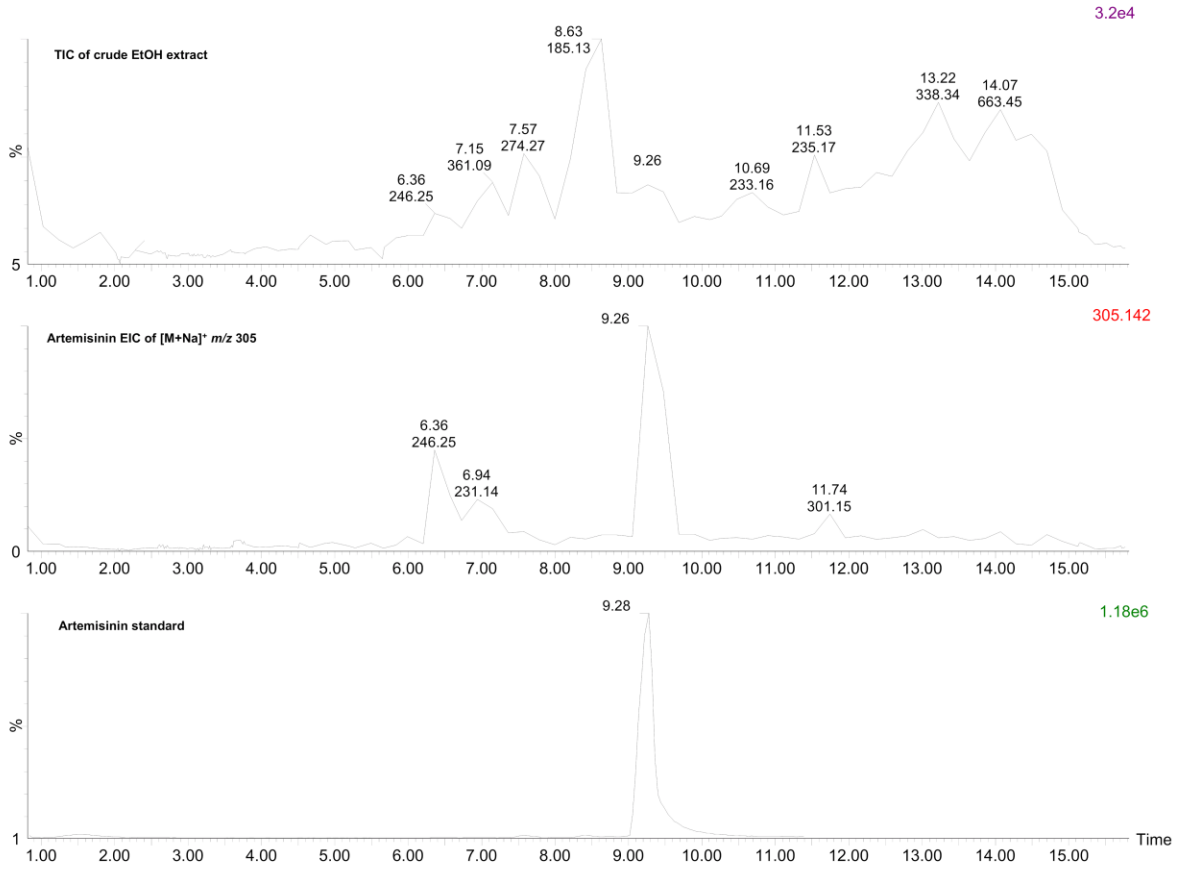


Figure S2. Comparison of Total Ion Chromatogram (TIC) and Extracted Ion Chromatogram (EIC) for artemisinin (*m/z* 305 $[M+Na]^+$) in crude EtOH extract of *Artemisia annua* L.

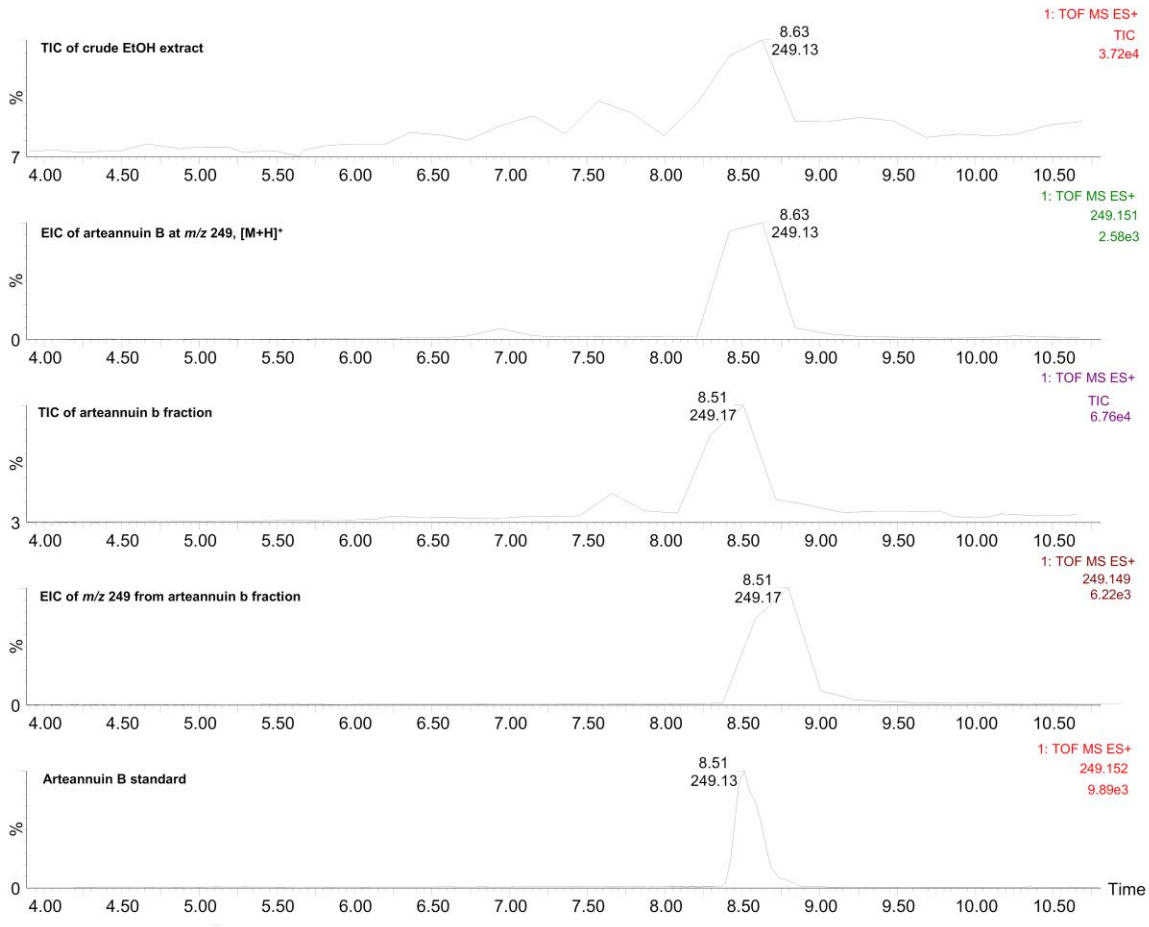
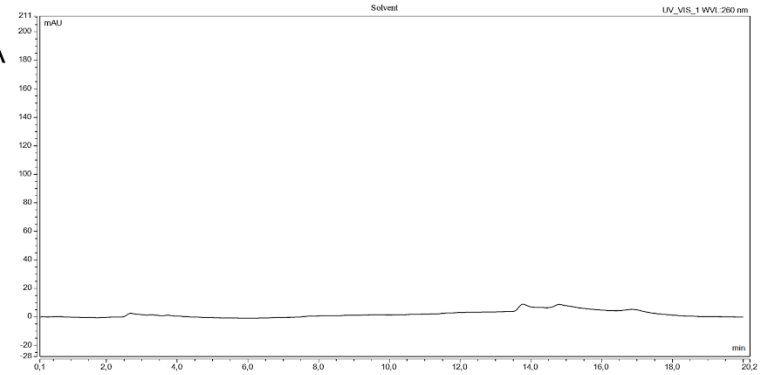
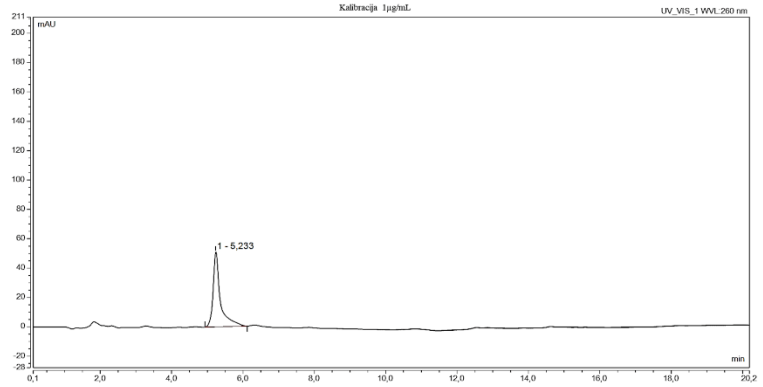


Figure S3. Comparison of Total Ion Chromatogram (TIC) and Extracted Ion Chromatogram (EIC) for arteannuin B (*m/z* 249 $[M+H]^+$) in the EtOH crude extract and the arteannuin B fraction of *Artemisia annua* L.

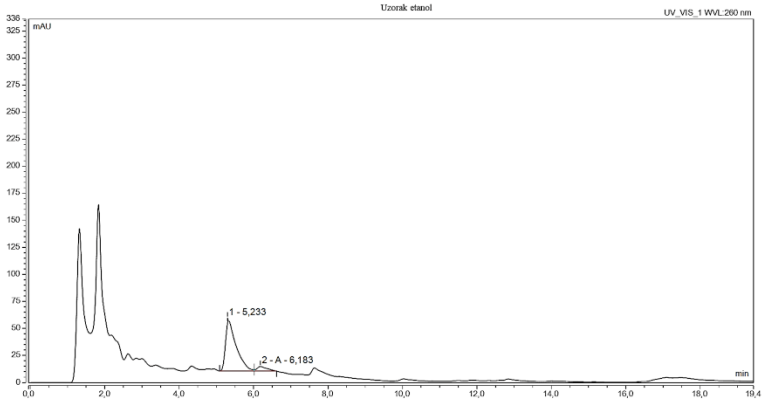
A


Solvent
UV_VIS_1 WVL:260 nm
mAU
min

B


Kalibracija 1µg/mL
UV_VIS_1 WVL:260 nm
mAU
1 - 5,233
min

C


Uzorak etanol
UV_VIS_1 WVL:260 nm
mAU
1 - 5,233
2 - A - 6,183
min

D

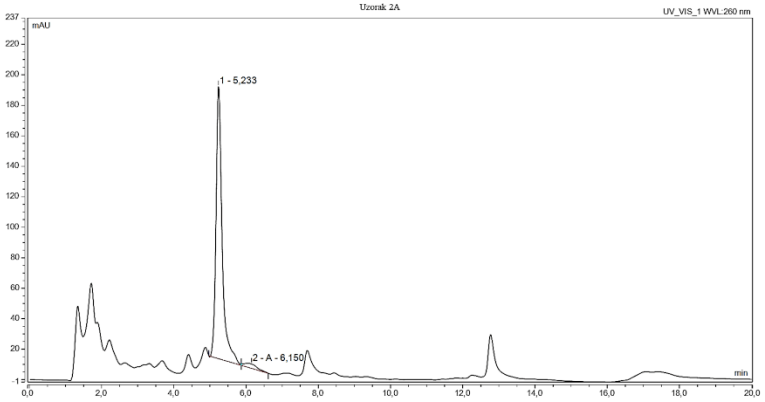

Uzorak 2A
UV_VIS_1 WVL:260 nm
mAU
1 - 5,233
2 - A - 6,150
min

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-CO_2 extract of *Artemisia annua* L. with retention time for artemisinin at 5.233 min.