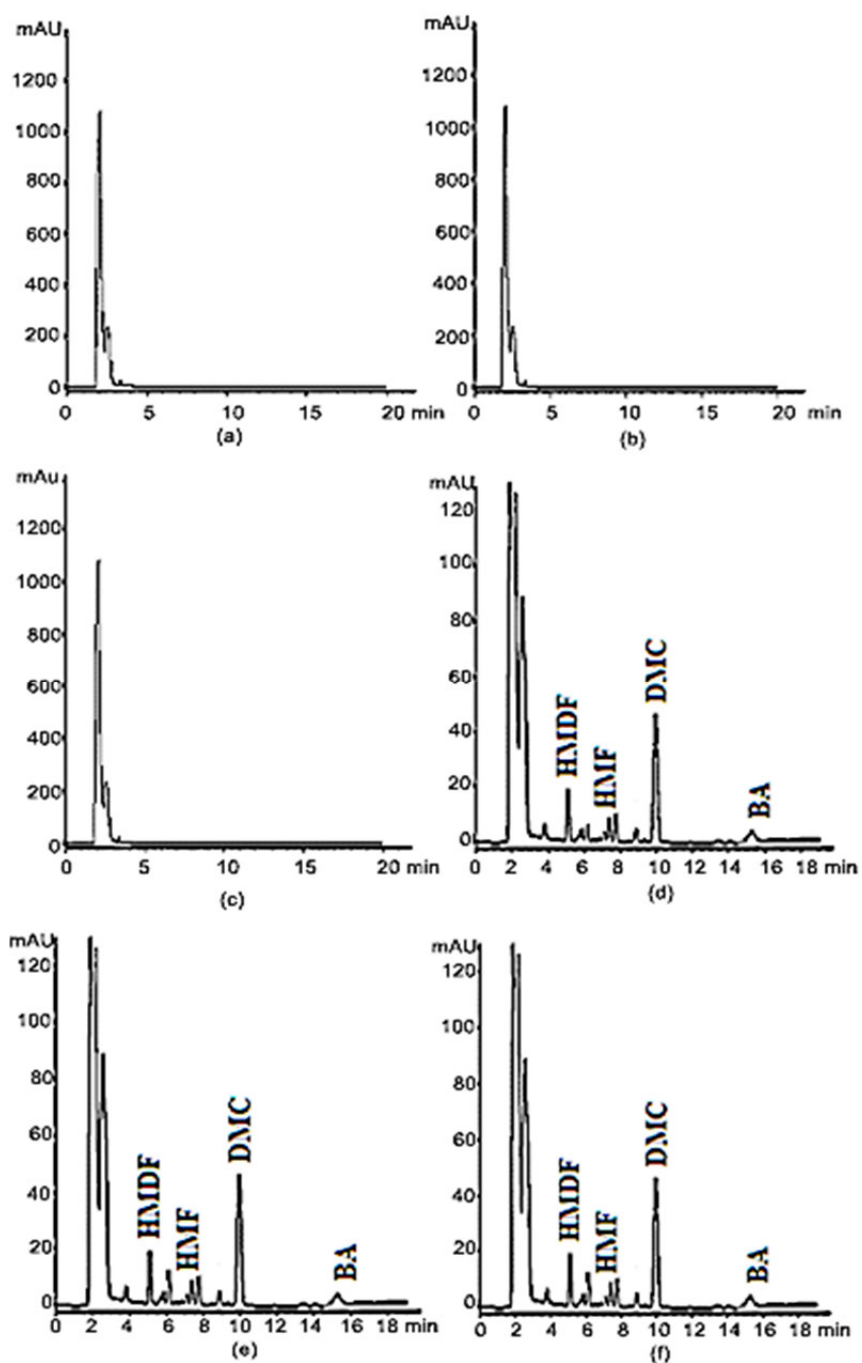
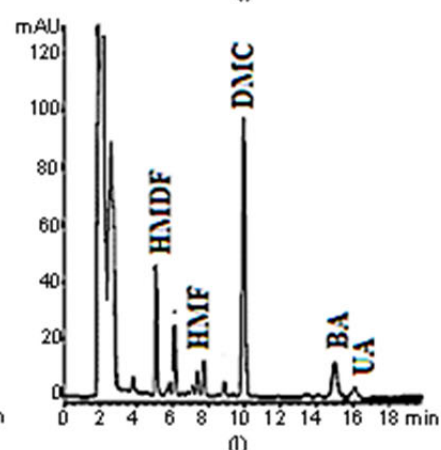
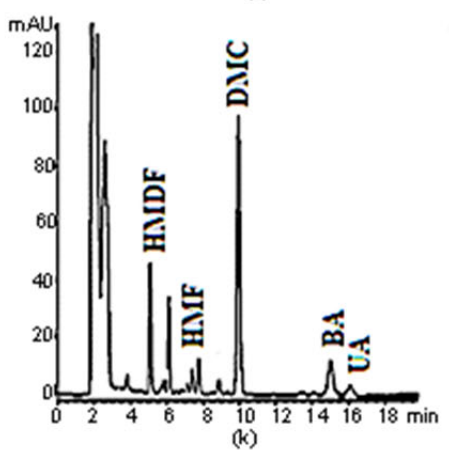
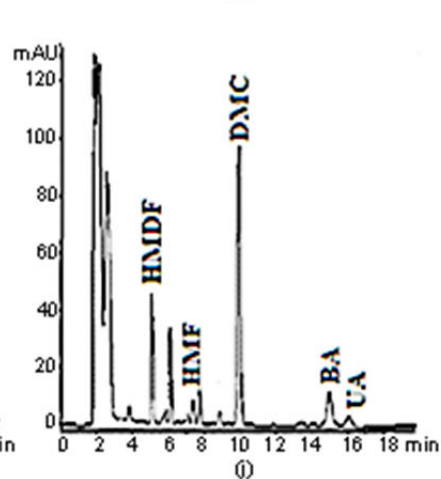
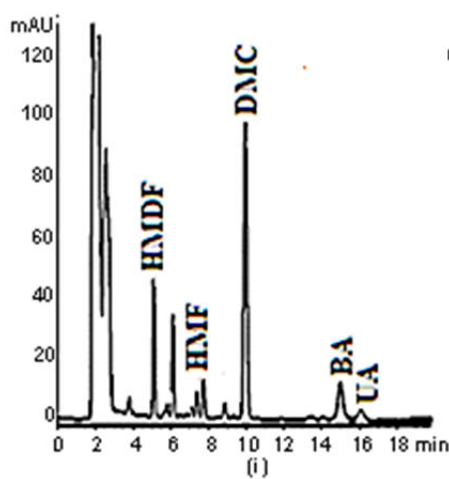
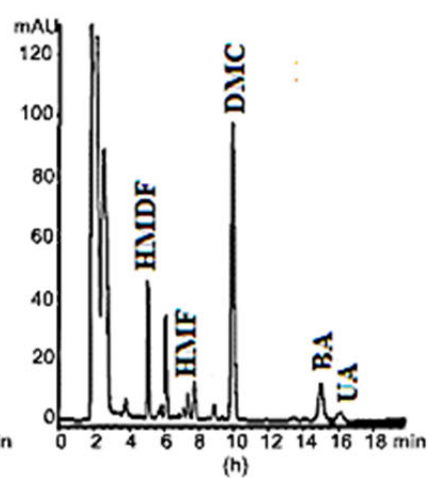
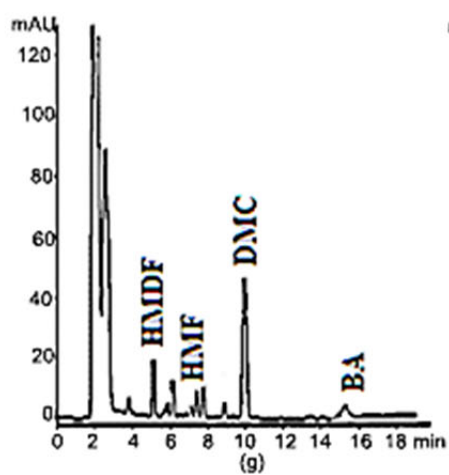


Supplementary materials:

A comparative study of conventional and supercritical fluid extraction methods for the recovery of secondary metabolites from *Syzygium campanulatum* Korth

Abdul Hakeem MEMON, Mohammad Shahrul Ridzuan HAMIL, Madeeha LAGHARI,
Fahim RITHWAN, Salman ZHARI, Mohammed Ali Ahmed SAEED,
Zhari ISMAIL, Amin Malik Shah Abdul MAJID





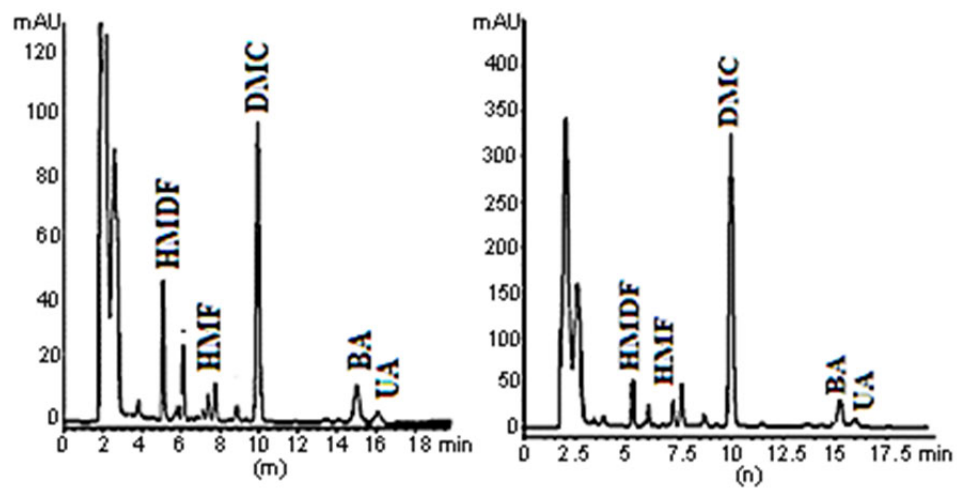
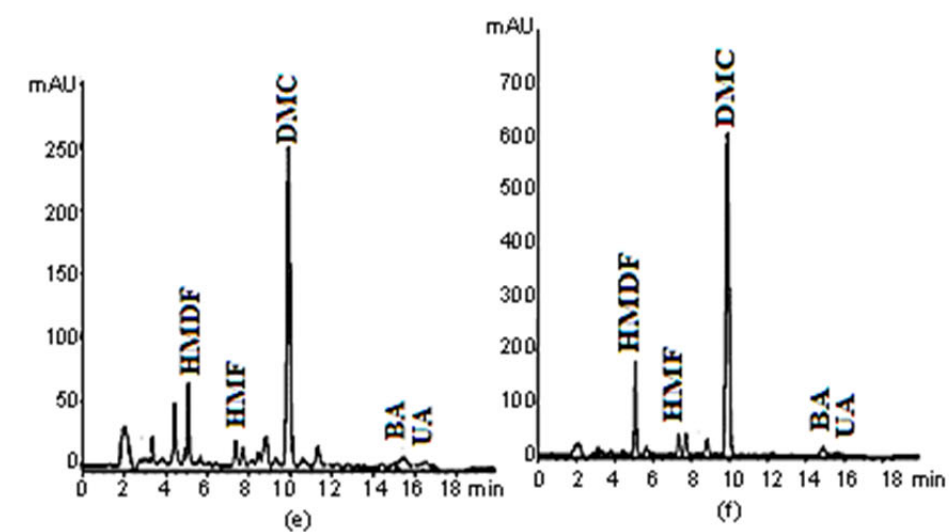
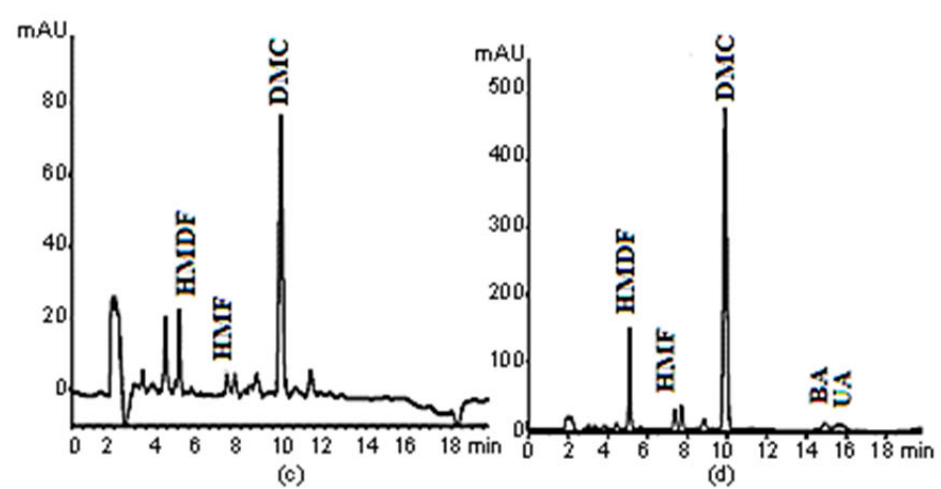
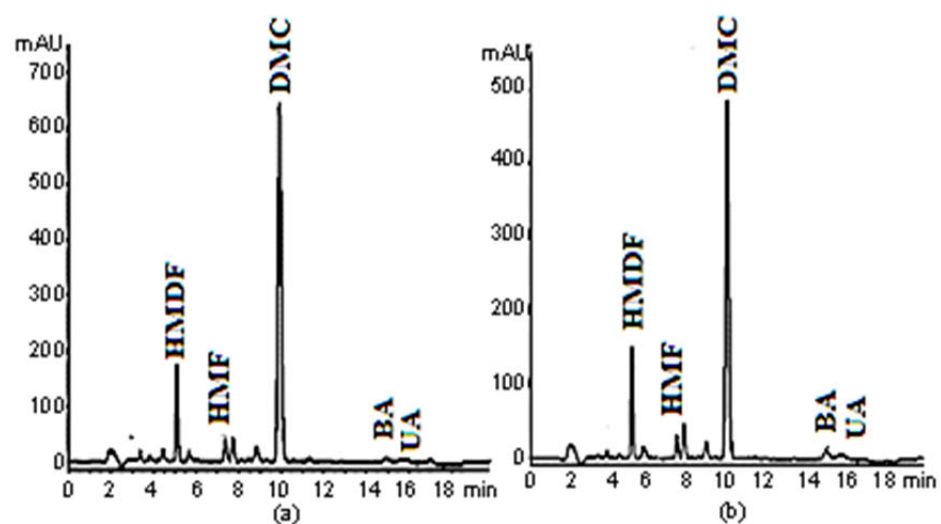
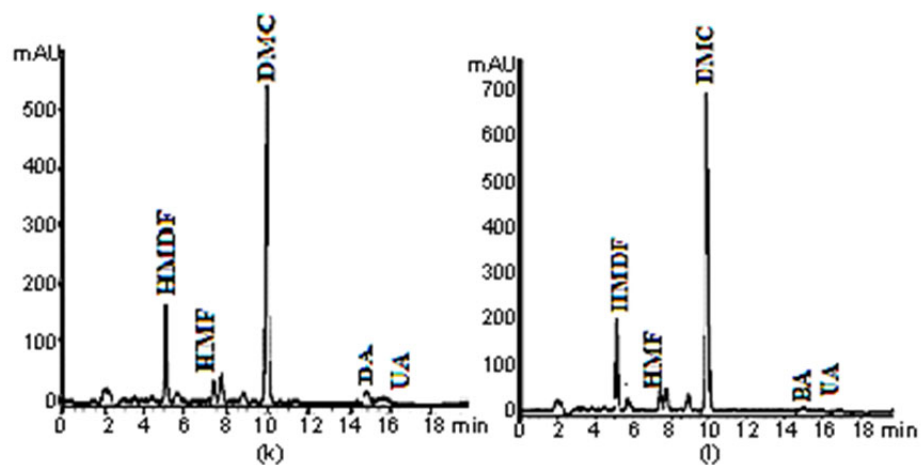
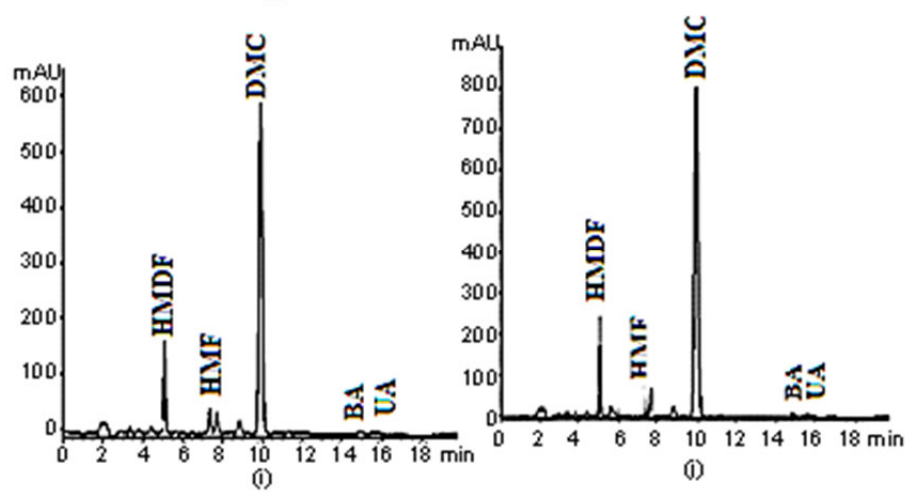
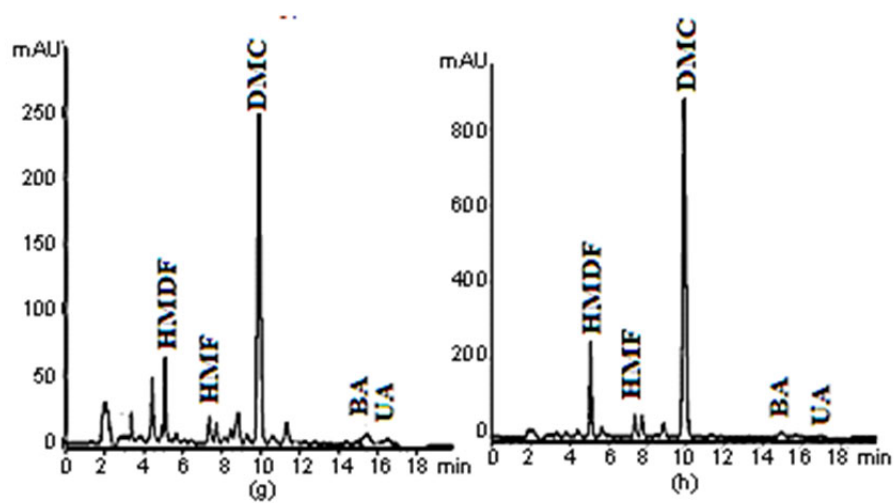


Fig. S1 Representative HPLC chromatograms of other 14 CSE extracts from *S. campanulatum*

(a) H₂O-REF; (b) H₂O-MAC; (c) NaOH (0.1 mol/L)-REF; (d) EtOH:H₂O (1:1)-MAC; (e) EtOH:H₂O (1:1)-REF; (f) MeOH:H₂O (1:1)-MAC; (g) MeOH:H₂O (1:1)-REF; (h) EtOH-SOX; (i) EtOH-MAC; (j) EtOH-REF; (k) MeOH-SOX; (l) MeOH-MAC; (m) MeOH-REF; (n) *n*-HEX: MeOH-(1:1)-MAC





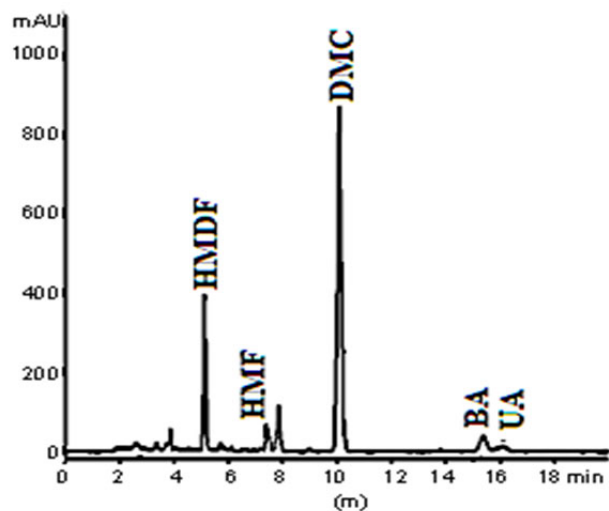


Fig. S2 Representative HPLC chromatograms of lab-scale and pilot-scale SFE extracts from *S. campanulatum* at different pressures, temperatures, and particle sizes

- (a) 10 MPa/40 °C/500 μ m; (b) 30 MPa/40 °C/500 μ m; (c) 10 MPa/80 °C /500 μ m; (d) 30 MPa/80 °C/500 μ m; (e) 10 MPa/60 °C /300 μ m; (f) 30 MPa/60 °C/300 μ m; (g) 10 MPa/60 °C/700 μ m; (h) 30 MPa/60 °C/700 μ m; (i) 20 MPa/40 °C/300 μ m; (j) 20 MPa/60 °C/500 μ m; (k) 30 MPa/60 °C/500 μ m/MeOH; (l) 30 MPa/60 °C/500 μ m/Ace; (m) SFE (pilot scale) with modifier (EtOH) 2nd hour 30 MPa/40 °C/500 μ m