

Chelidonic Acid and its Derivatives from *Saussurea Controversa*: Isolation, Structural elucidation and Influence on the Osteogenic Differentiation of Multipotent Mesenchymal Stromal Cells in Vitro

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915-20_180830170910 #6 RT: 0.31 AV: 1 NL: 6.03E5
T: + c EI Full ms [14.50-200.50]

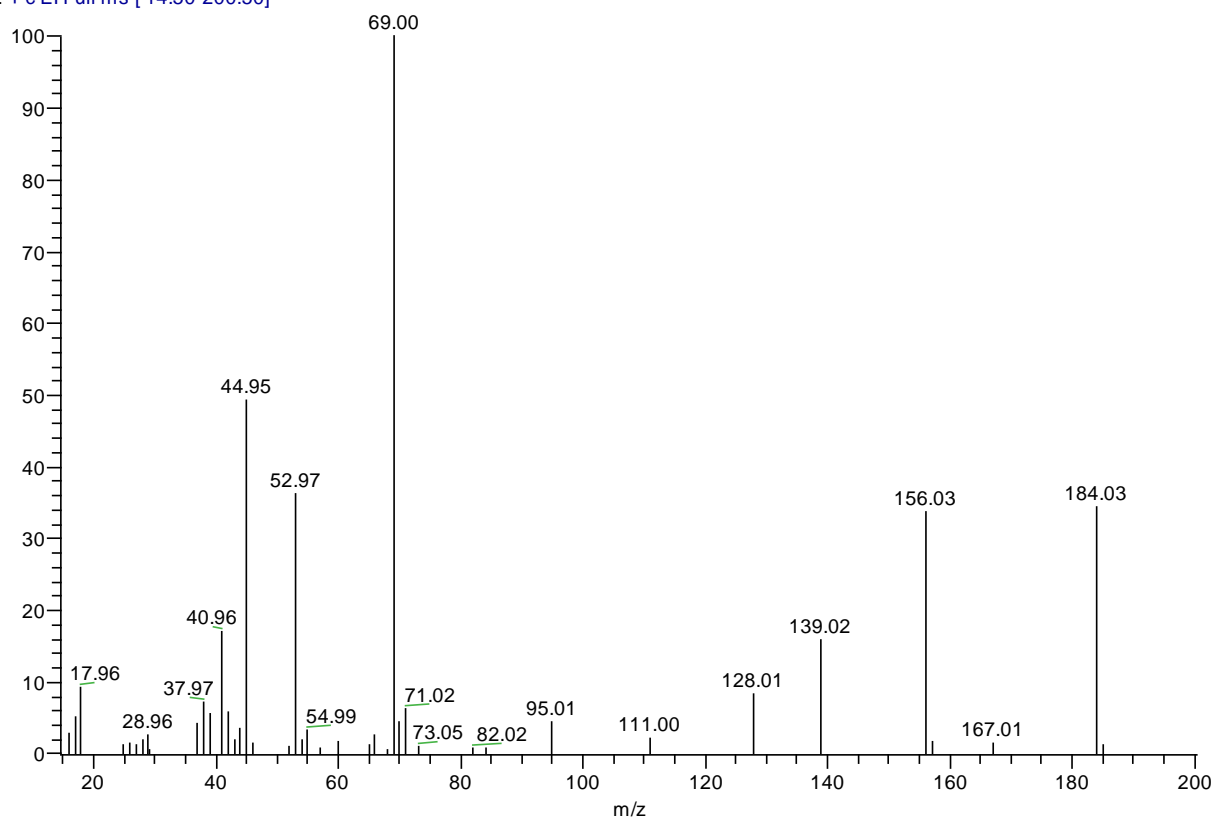


Figure 1S. MS-spectrum of chelidonic acid (1)

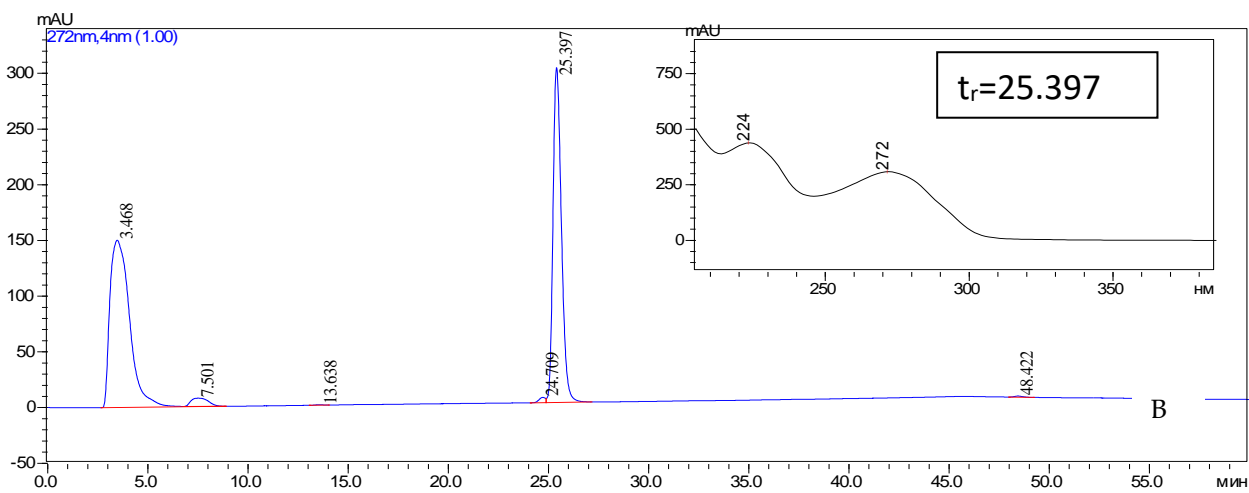
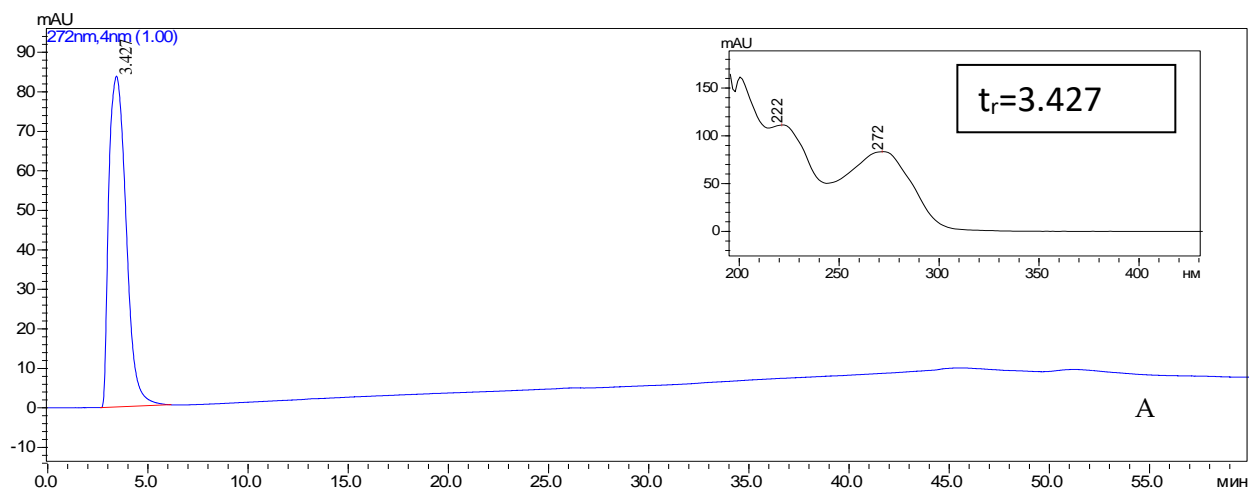


Figure 2S. The chromatographic profile of chelidonic acid, **1** (A) and R3 (B).

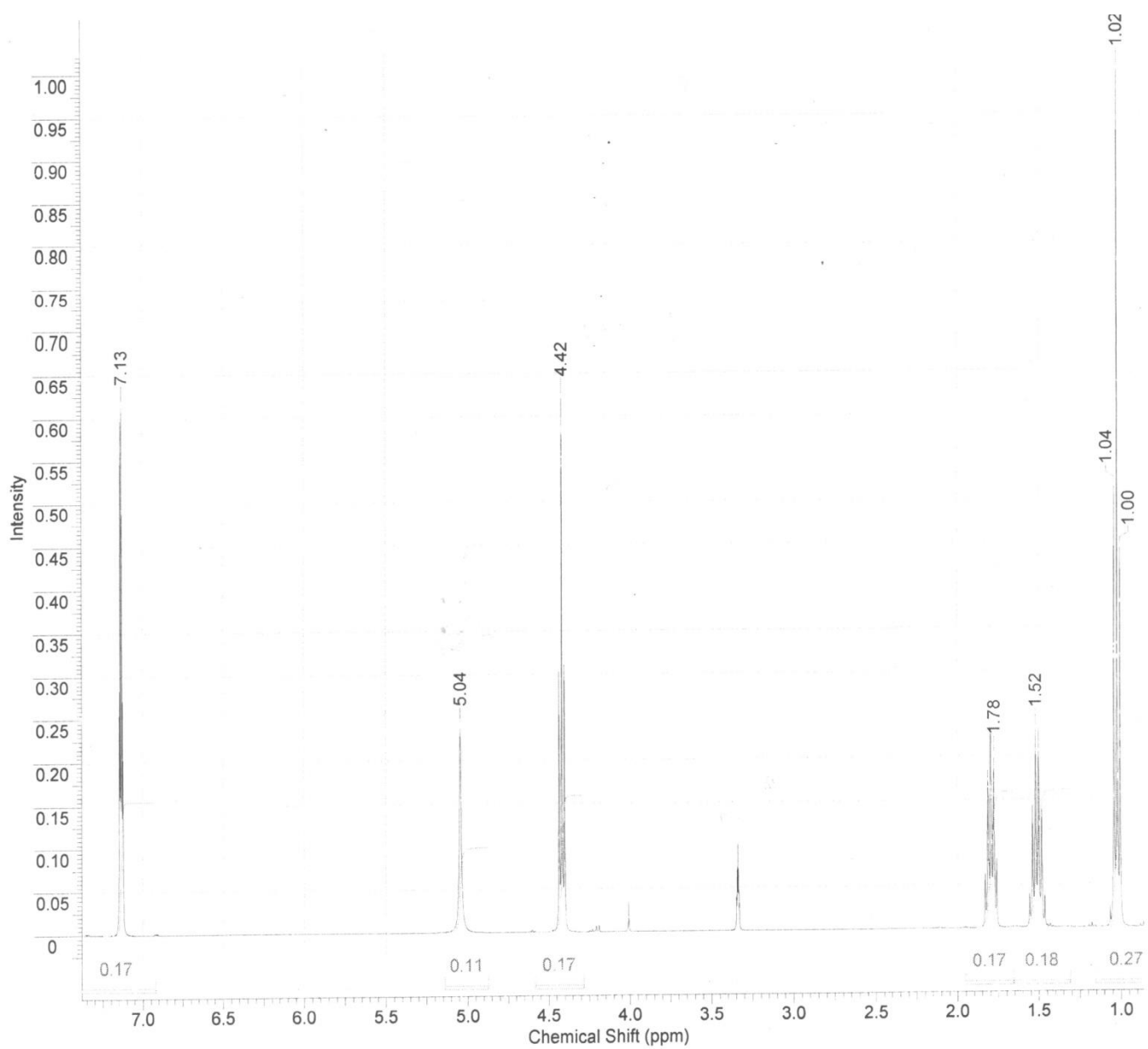


Figure 3S. ^1H NMR (CD_3OD , 600 MHz) of n-monobutyl ester of chelidonic acid (3)

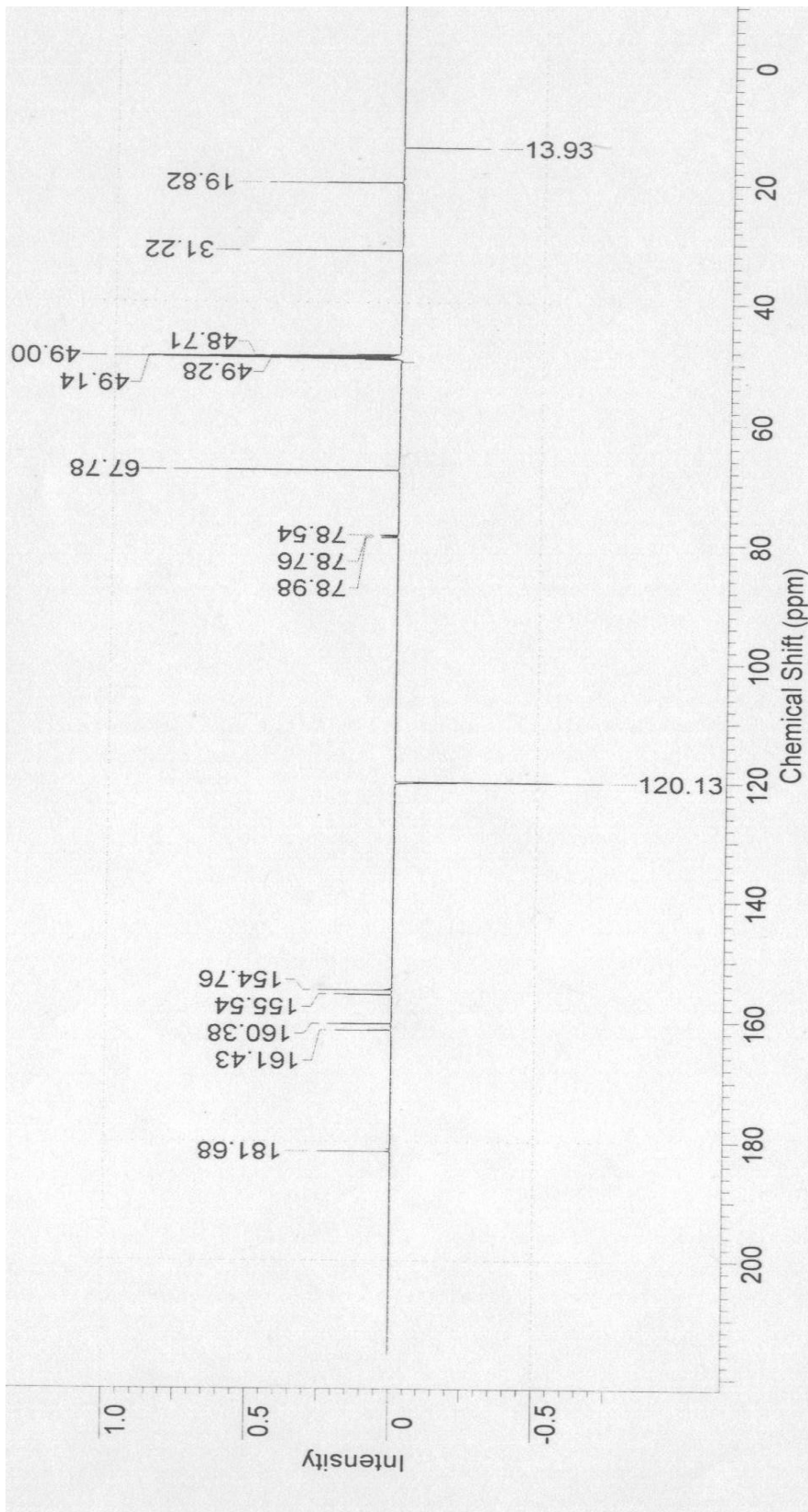


Figure 4S. ^{13}C NMR (CD_3OD , 150 MHz) of n-monobutyl ester of chelidonic acid (**3**)

936-246 #33 RT: 1.68 AV: 1 NL: 3.59E6
T: + c EI Full ms [32.50-300.50]

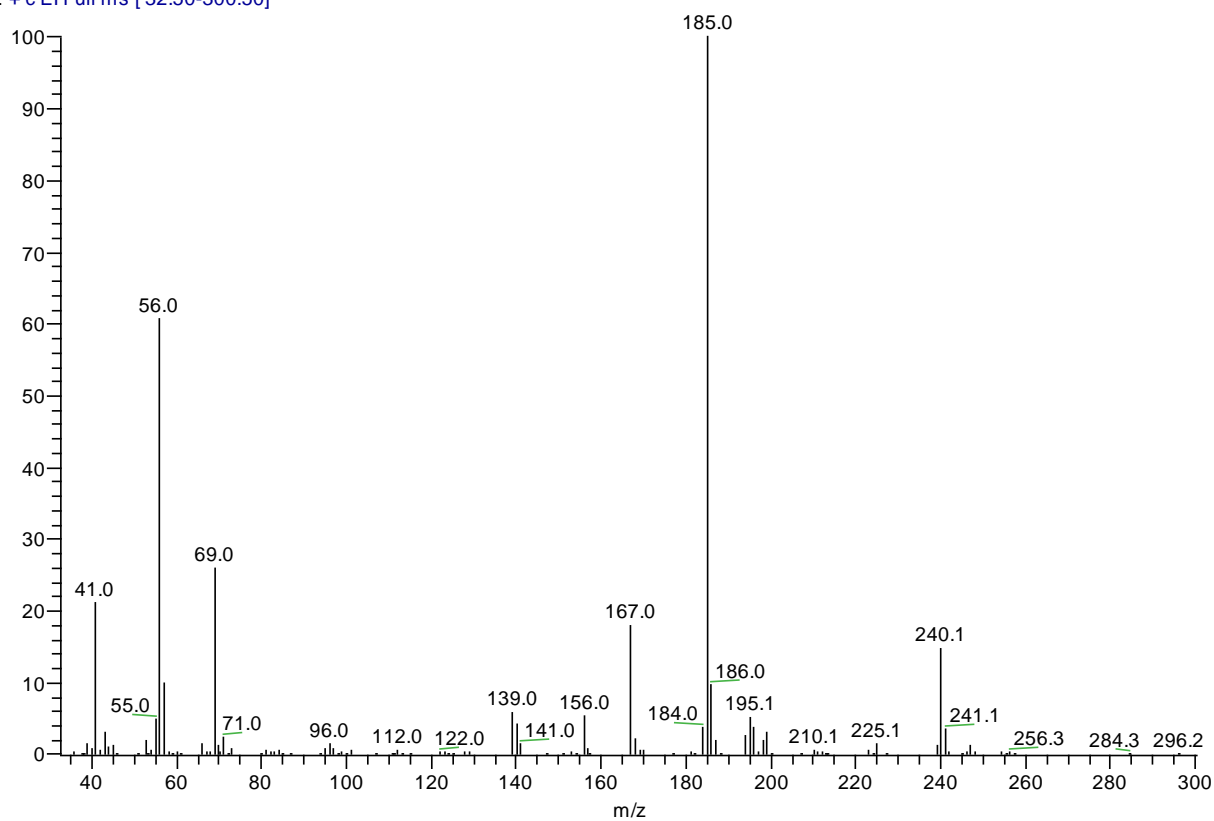


Figure 5S. MS-spectrum of n-monobutyl ester of chelidonic acid (**3**)

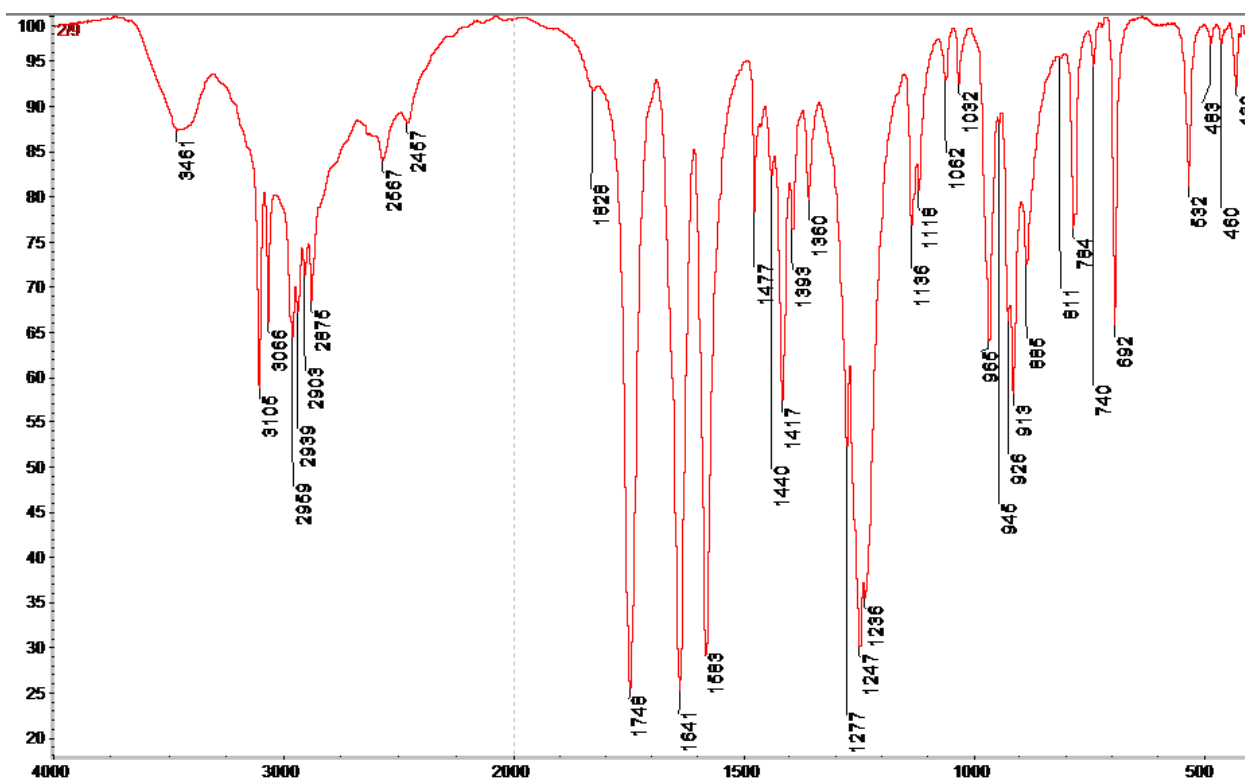


Figure 6S. IR-spectrum (KBr, cm⁻¹) of n-monobutyl ester of chelidonic acid (3)

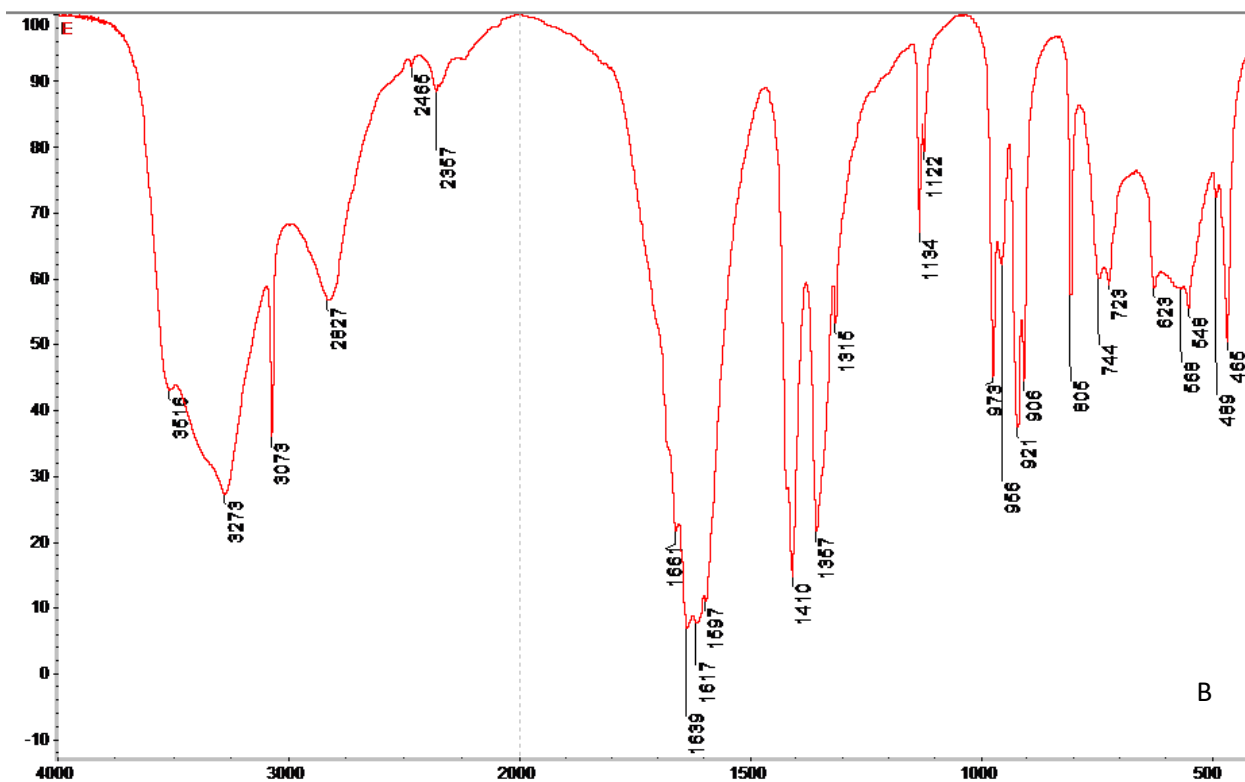
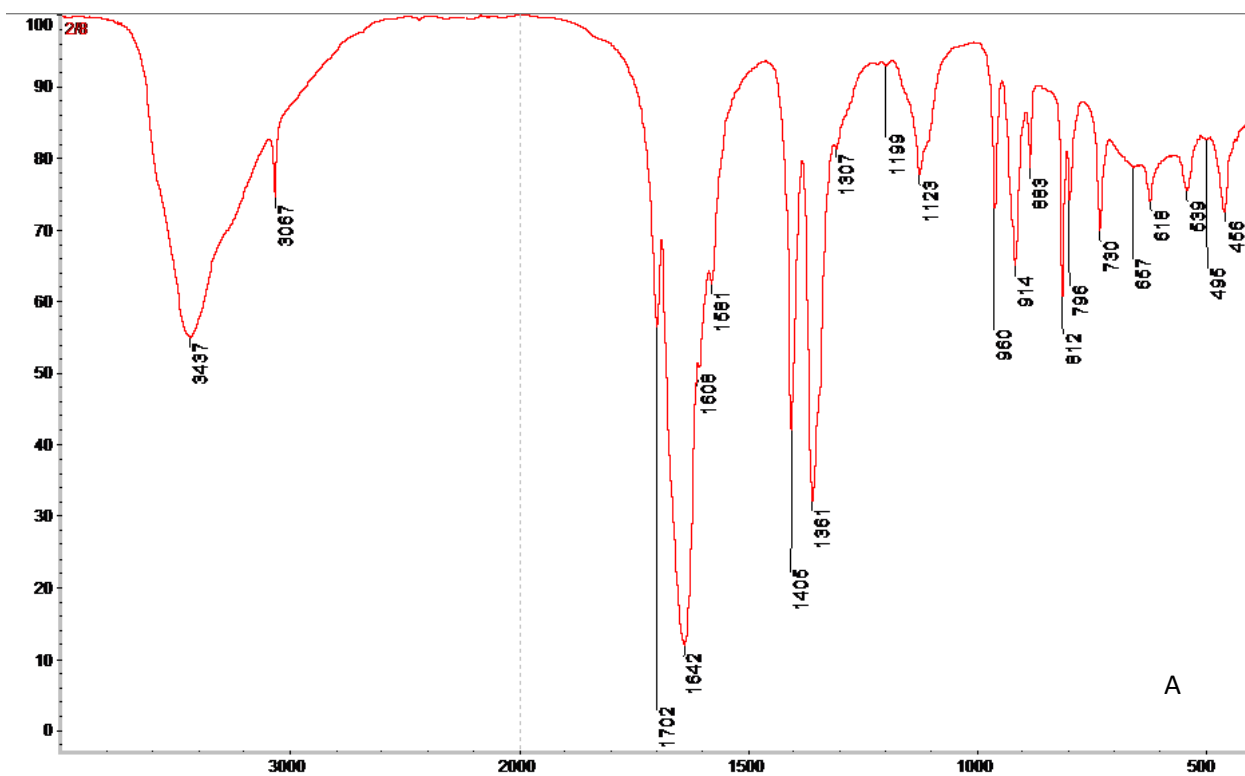


Figure 7S. IR-spectrum (KBr, cm⁻¹) of chelidonic acid 1 (A) and [Ca(ChA)(H₂O)₃] 4 (B).