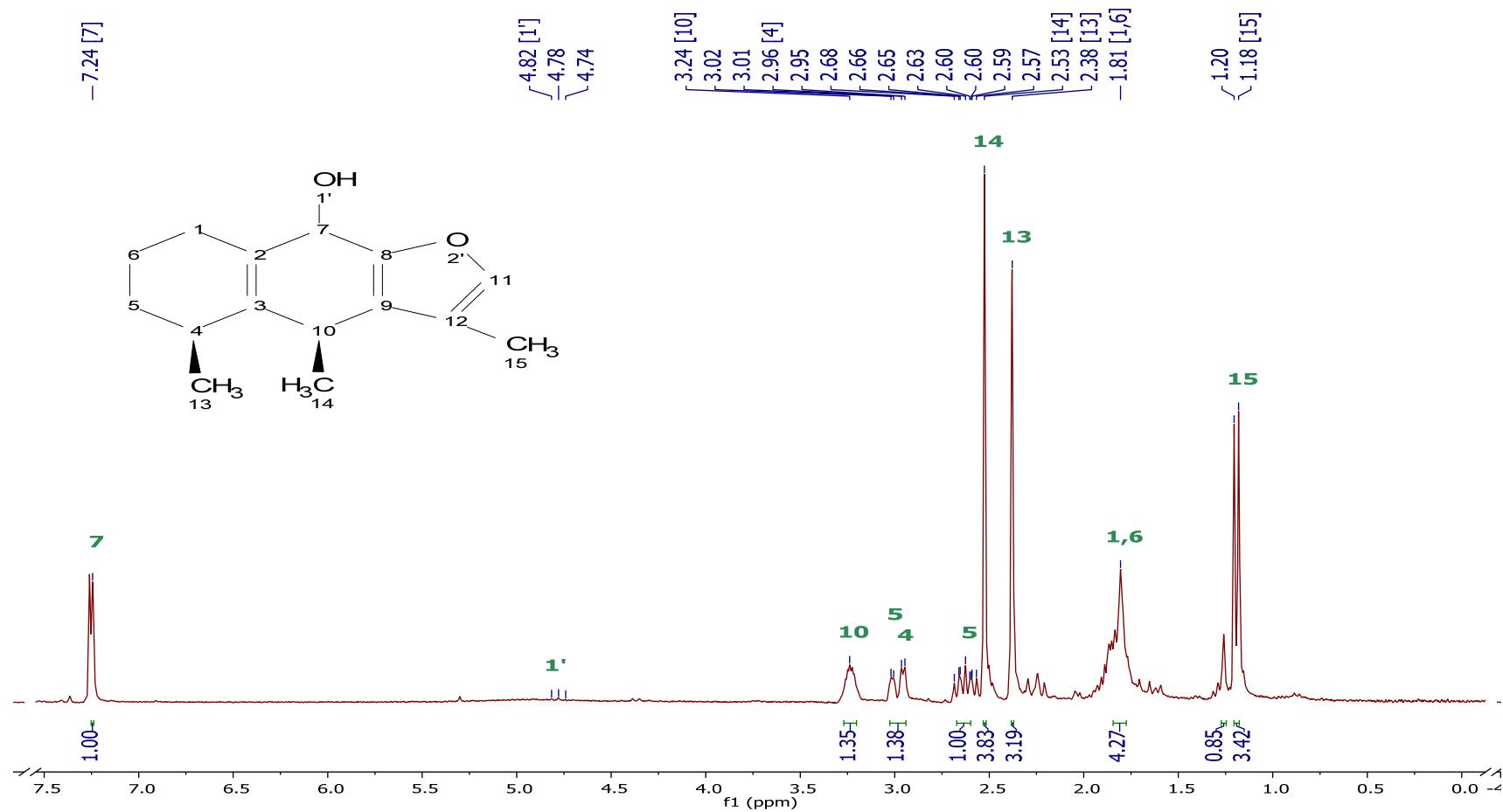
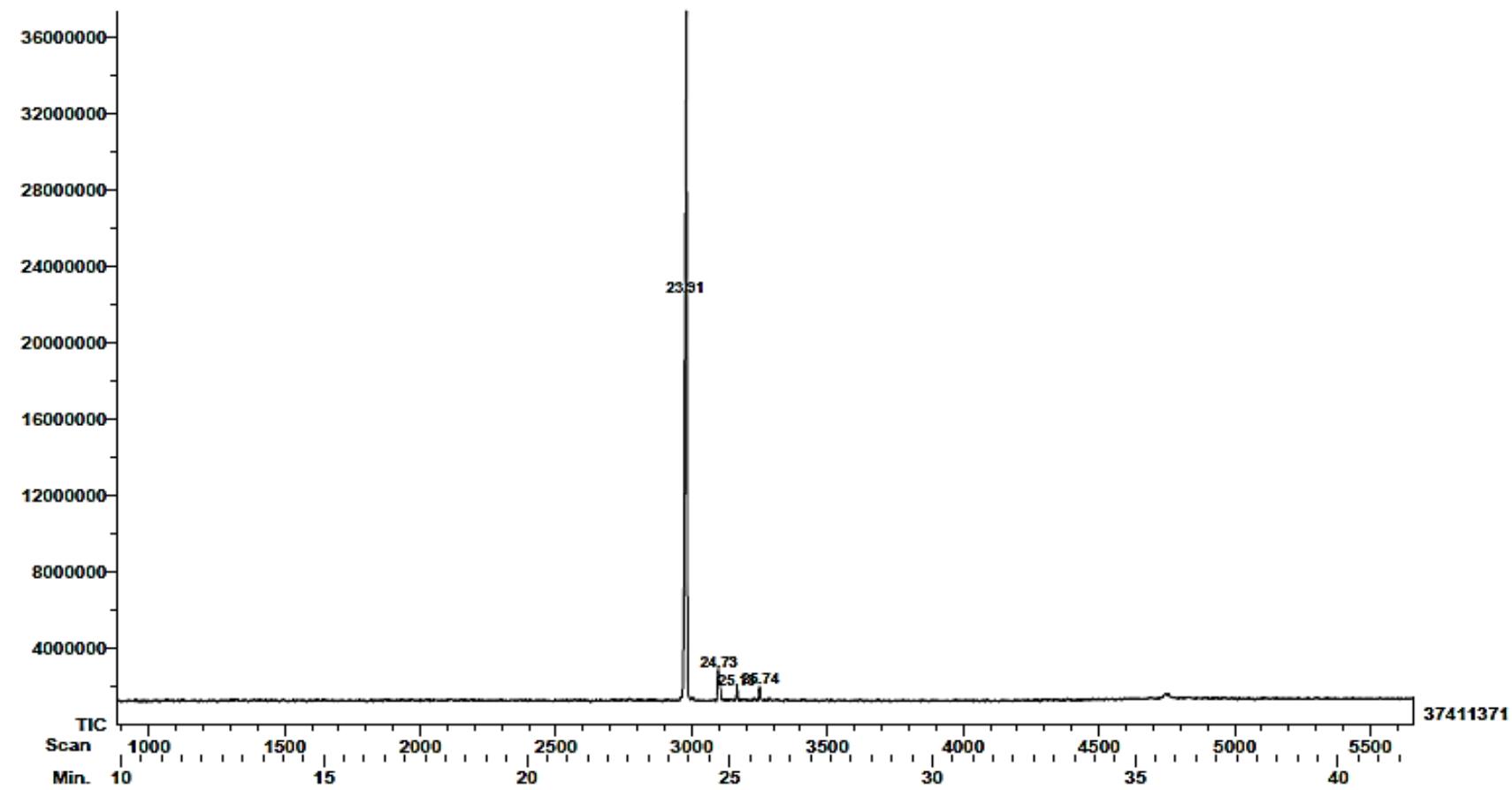


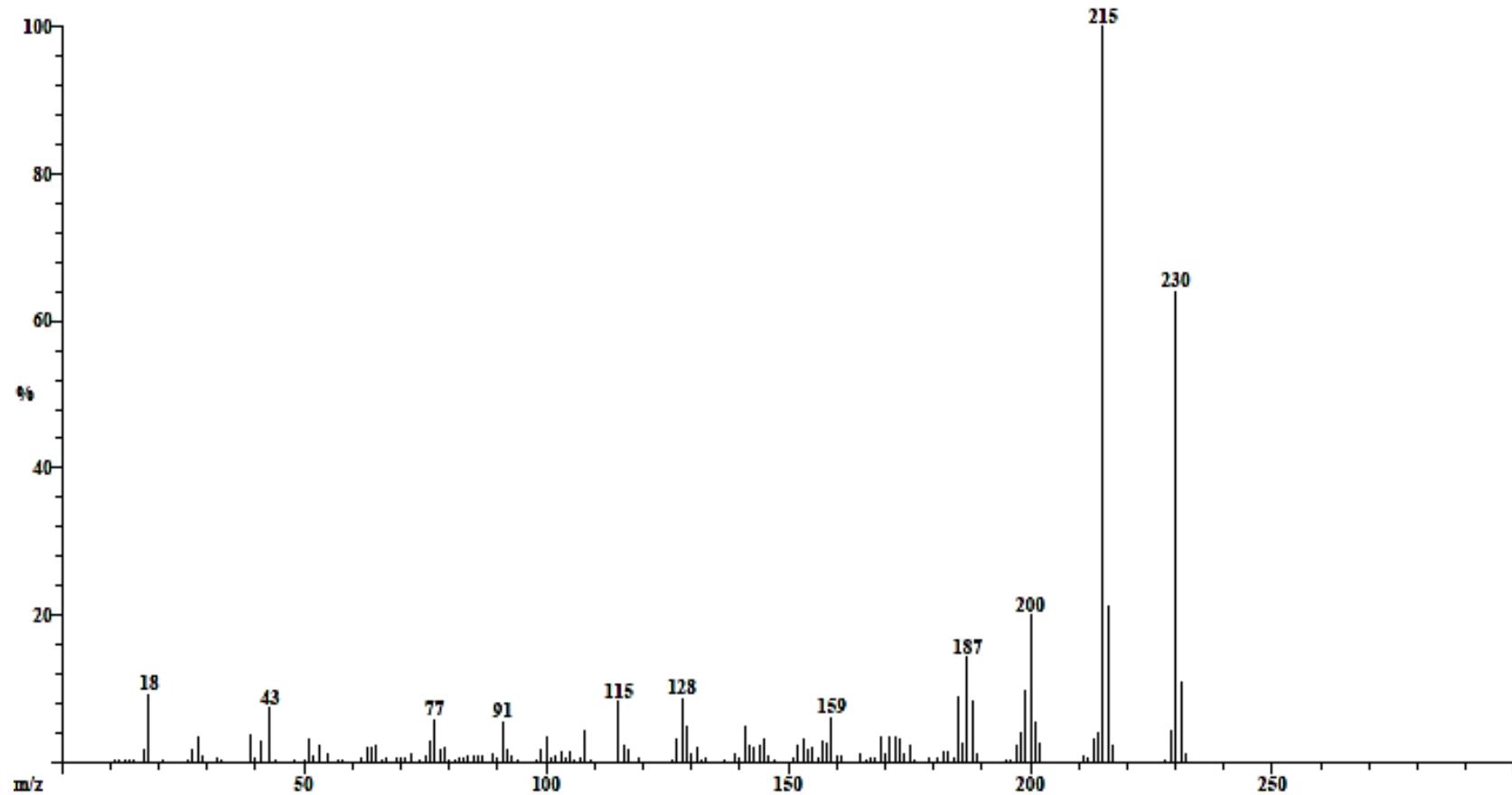
Supplementary figure 1-A: 300 MHz  $^1\text{H}$ -Nuclear Magnetic Resonance (NMR) of cacalol.



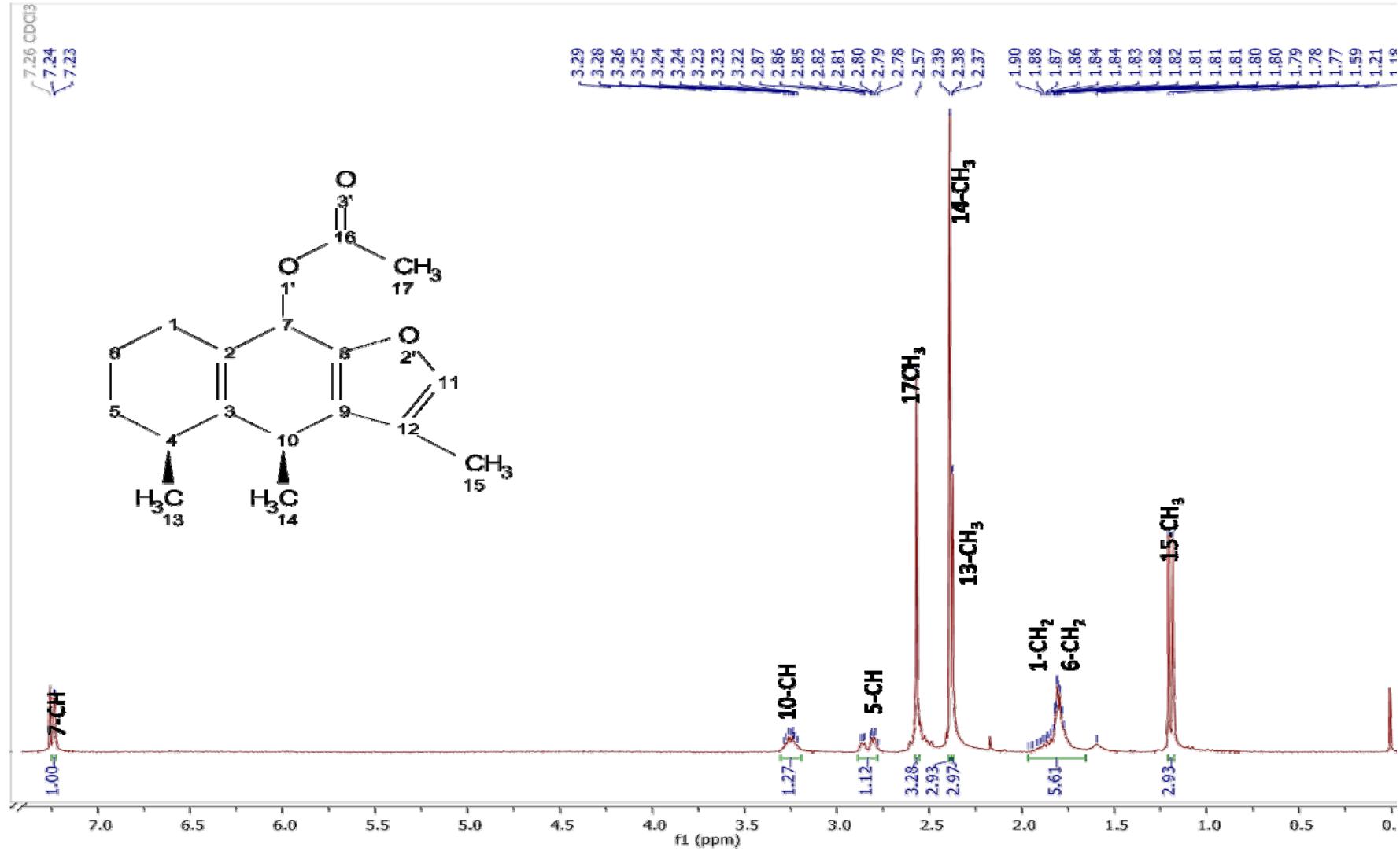
Supplementary figure 1-B. Gas Chromatography–Mass Spectrometry (GC-MS) of cacalol.



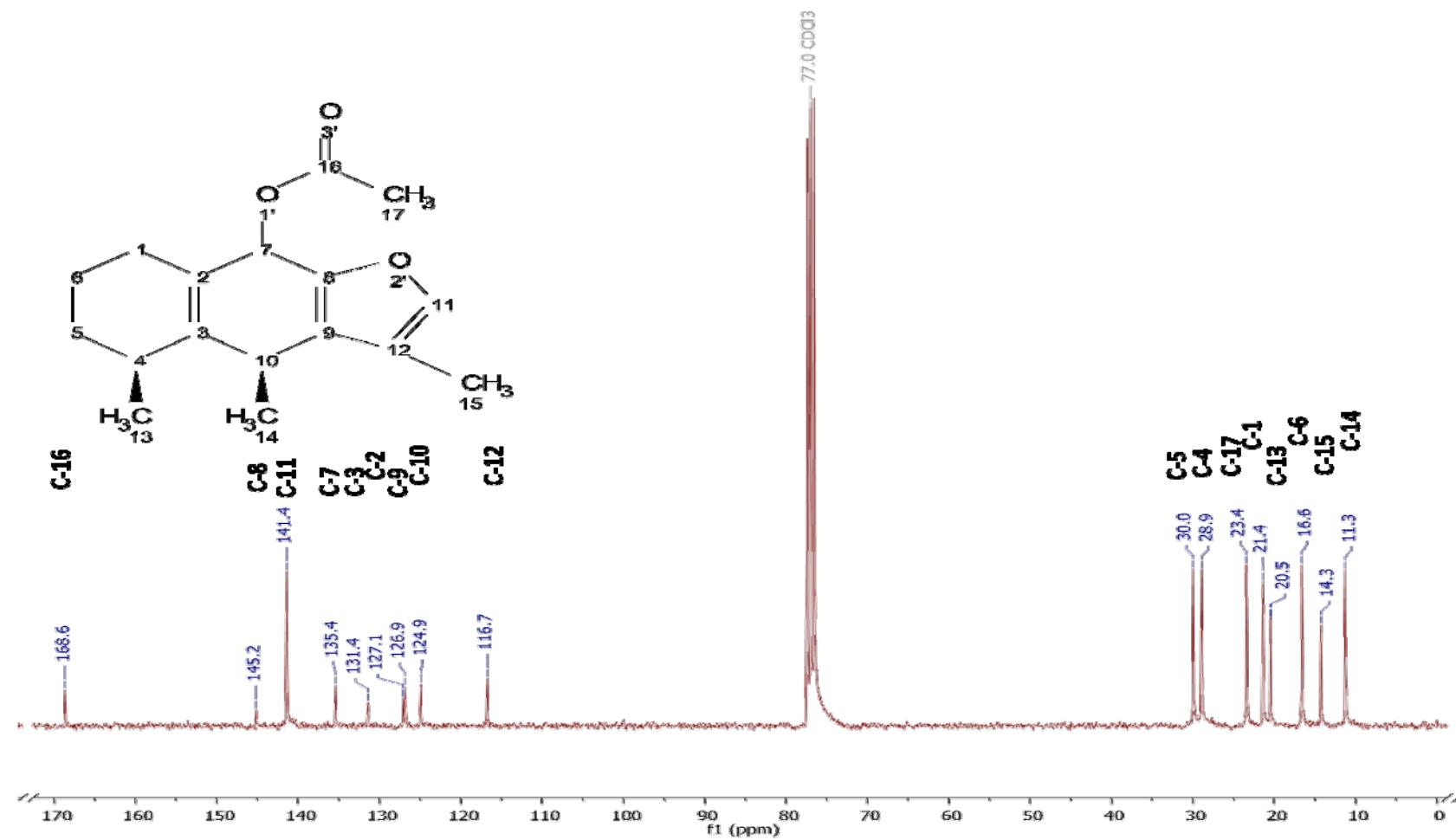
Supplementary figure 1-C. Gas Chromatography Mass Spectrometry (GC-MS) of peak 23.91 min reference to cacalol.



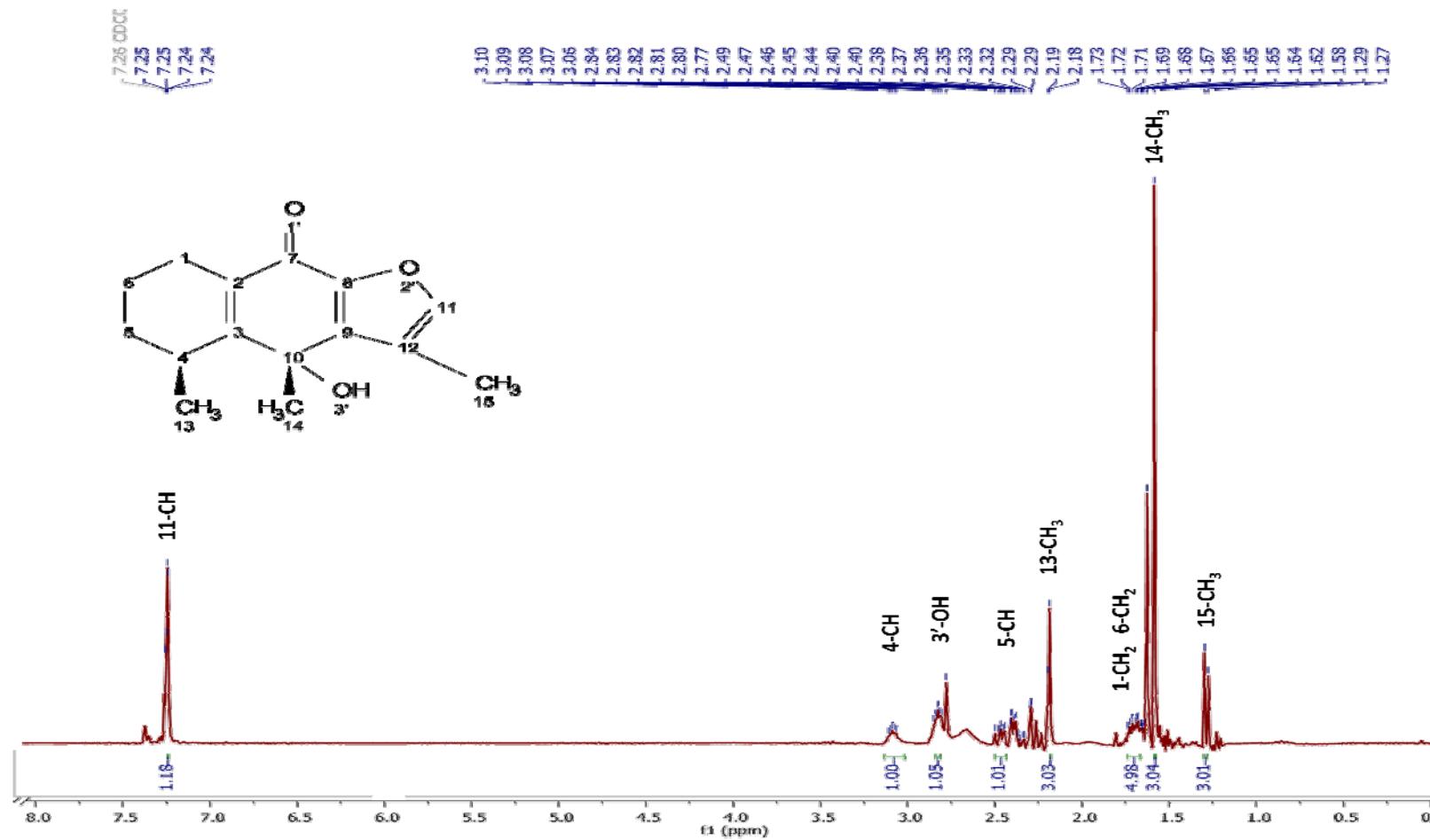
Supplementary figure 2-A:  $^1\text{H}$ NMR 300 MHz of cacalol acetate.



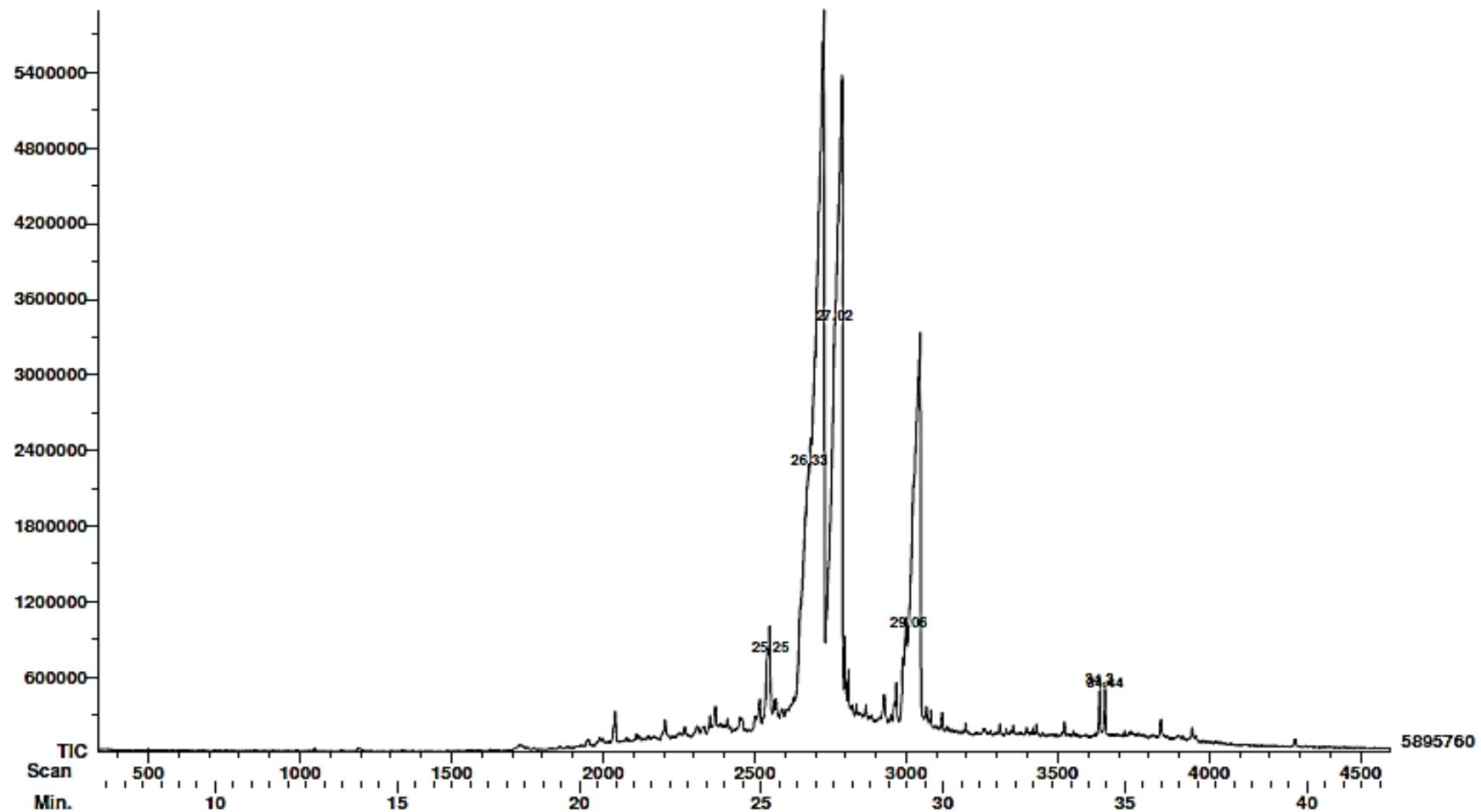
Supplementary figure 2-B: 300 MHz  $^{13}\text{C}$ -Nuclear Magnetic Resonance (NMR) of cacalol acetate.



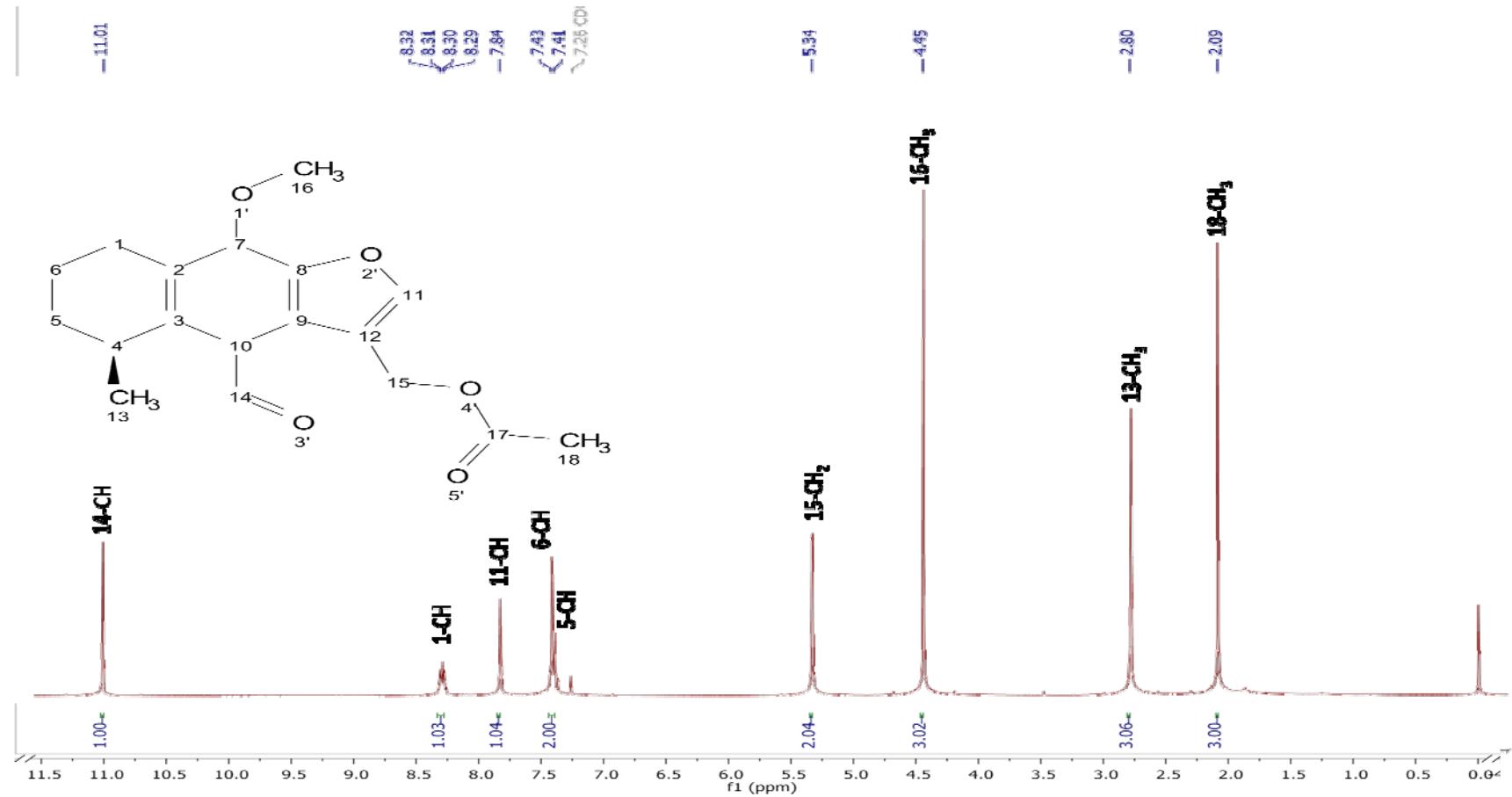
Supplementary figure 3-A: 300 MHz  $^1\text{H}$ -Nuclear Magnetic Resonance (NMR) of cacalone.



Supplementary figure 3-B: Gas Chromatography–Mass Spectrometry (GC-MS) of cacalone.



Supplementary figure 4-A:  $^1\text{H}$ -NMR 300 MHz of maturin acetate.



Supplementary figure 4-B: HPLC of maturin acetate.

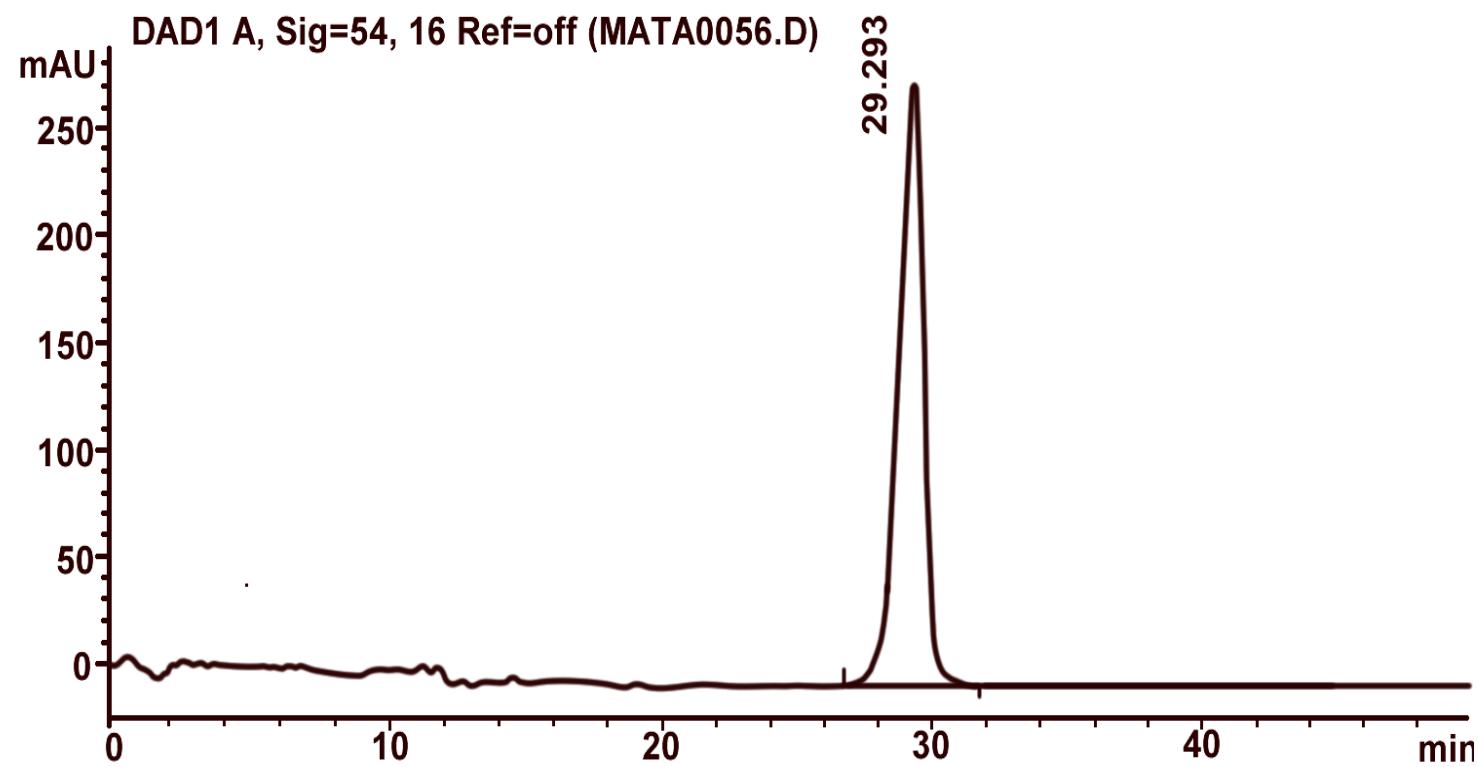


Figure 4-C: Mass Spectrometry of maturin acetate.

