Two new secondary metabolites, the phenylpropanoid 3-(2',4',5'-trimethoxyphenyl)propionic acid (1) and the sesquiterpene (+)-1β,4β,6α-trihydroxyeudesmane (2) were isolated from the heartwood of *Cordia trichotoma* Vell., along with the known sesquiterpenes (-)-1β,4β,7α-trihydroxyeudesmane (3) and (+)-1β,4β,11-trihydroxyoppositane (4). Their structures were elucidated by means of spectroscopic data interpretation, mainly 1D and 2D NMR and mass spectrometry.

Key words: *Cordia trichotoma*, Sesquiterpenes, Phenylpropanoid