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## LC/ESI/QT of studies of the leaves extract of *Kitaibelia balansae* species

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The traditional Turkish medicine includes many compounds with variations in their chemical and physical properties. In this work, compounds present in the leaves and flower of *Kitaibelia balansae* extracted with solvents of different polarities were screened out and their structures were characterized by liquid chromatography/electrospray ionization mass spectrometry in negative ion mode. 67 compounds were observed in the leaves extract, 35 of which were recognized and identified as flavonoids. The naphthodianthrone, hiperforin and hypericin were almost the major compounds in the leaf extract. Catechin, epicatechin, myricetin, quercitrin, isoquercetin, kaempferol, apigenin, and chlorogenic acid were also present in these extracts together with other compounds. However, up to date to our knowledge there is no research on *Kitaibelia balansae* species has been conducted.

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