ABSTRACT
In this study; it was aimed to determine the essential oil percentage and assign on composition of Cistus cretius, Cistus laurifolius’s that are in the family of Cistaceae which are important species of Turkey. These species were provided from Muğla-Ula. Samples were dried in room conditions and hydrodistilled by Clevenger apparatus for 3 h. Thus, essential oil yield was determined as percentage and compounds were identified by GC-MS. It was found that the essential oil yield and the most abundant three components Cistus cretius 0.1%, Carvacrol 32.56%, Cineole 23.73%, Hexahydrofarnesyl Acetone 20.9%, Cistus laurifolius 1.1%, carvacrol 20.53%, cymene 9.50%, farnesol/bergamotene 7.62% were determined according to GC-MS analysis results.

KEYWORDS: Cistus, essential oil, Muğla-Ula, Turkey