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