

Abstract

To provide a method for separating and quantifying saturated and unsaturated dialkyl ketones. (1) A method for separating and quantifying saturated and unsaturated dialkyl ketones, the method including quantifying a dialkyl ketone-containing sample by a gas chromatograph using a polar column, except a nonpolar column and a slightly polar column, the polar column having a polarity value of 440 or greater. (2) The method according to (1), wherein the polar column is a polar column with medium polarity or higher polarity, the polar column having a polarity value of 700 or greater. (3) The method of (2), wherein the polar column is a polar column with high polarity or higher polarity, the polar column having a polarity value of 1550 or greater. (4) The method according to (3), wherein a liquid phase of the polar column with high polarity or higher polarity is an ionic liquid column. (5) A method for producing a chemical transesterified oil and/or fat, including separating and quantitatively analyzing saturated and unsaturated dialkyl ketones in an oil and/or fat, using the method described in any one of (1) to (4).

[No figure]