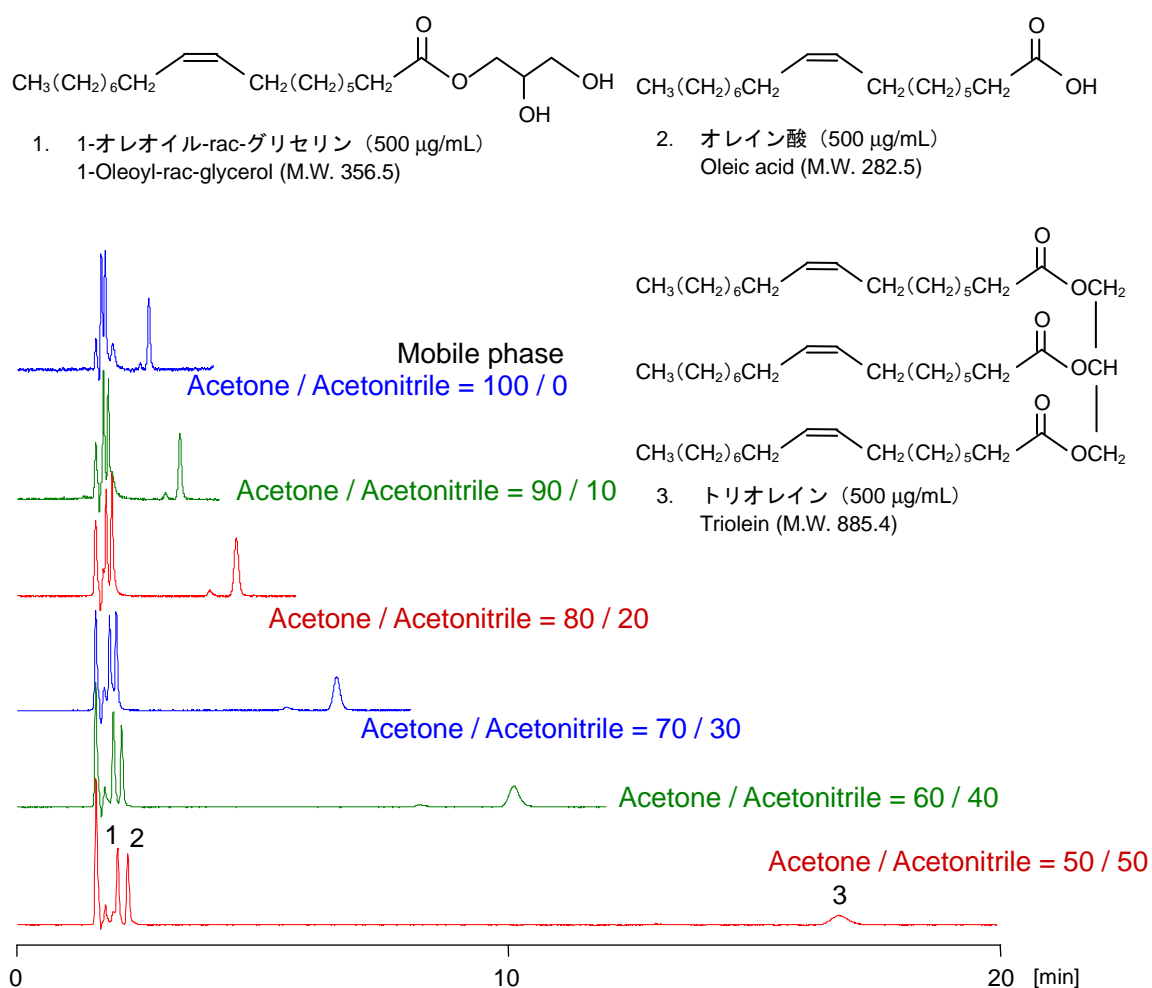


## オレイン酸グリセリド関連化合物 Compounds related to glycerin oleate

グリセリドはグリセリンと脂肪酸のエステルの総称で、グリセリンの 3 つの水酸基すべてに脂肪酸がエステル化したものをトリグリセリド、2 つをジグリセリド、1 つがモノグリセリドです。大きく疎水性の違う 3 つの化合物を CAPCELL PAK C<sub>18</sub> UG120 を用いて同時に分析しました。

Esters formed with glycerin and fatty acids are generally called glycerides. Those with, one, two and three of the three hydroxyl groups esterified with fatty acids, are called, mono-, di- and triglycerides, respectively. Three compounds shown below, differing largely in their hydrophobicity, were simultaneously analyzed with CAPCELL PAK C<sub>18</sub> UG120.



### 【HPLC Conditions】

Column : CAPCELL PAK C<sub>18</sub> UG120 S3 ; 2.0 mm i.d. x 150 mm  
 Flow rate : 200 µL / min  
 Temperature : 40 °C  
 Detection : UV 210 nm  
 Inj. vol. : 5 µL  
 Sample dissolved in : Acetone  
 1 µg/mL = 1 ppm