

Chromatography Solutions

Application note # C-13117

Separation of cis-trans Olive Oil FAME Isomers using the Avantor® Hichrom HI-10 Phase

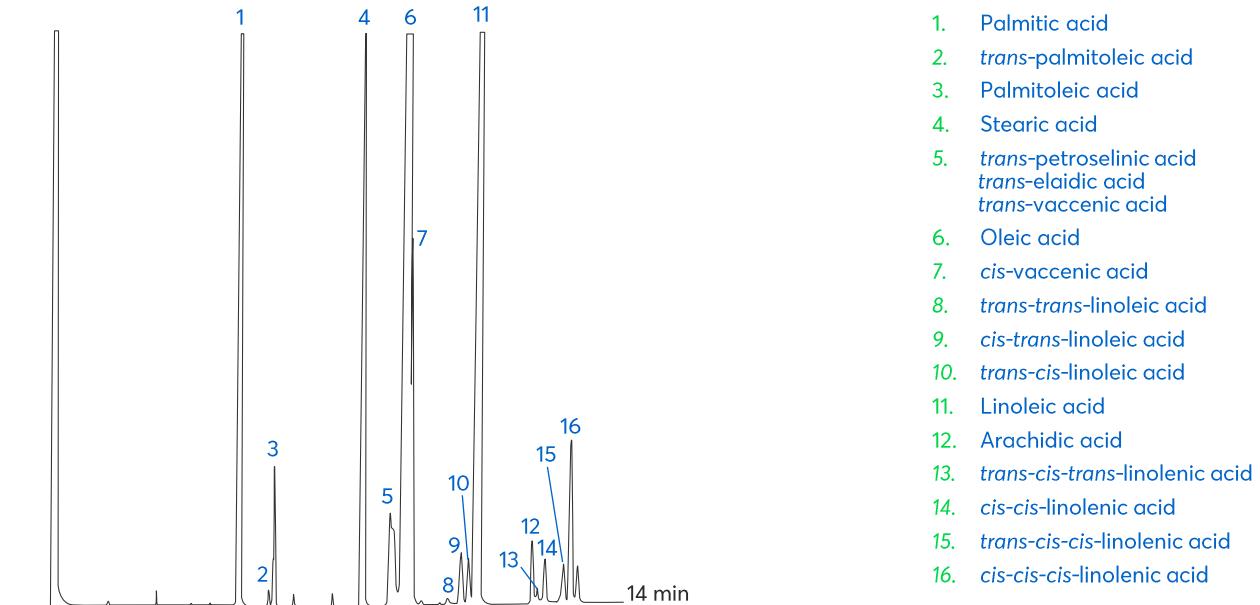


Figure 1: Separation of cis-trans olive oil FAMEs using the Avantor® Hichrom HI-10 phase.

Method Details

CONDITIONS

Oven Program: 150 °C, 1 °C/min, 190 °C

Carrier Gas: Hydrogen, 60 kPa

Injector: Split, 250 °C, 1.5 µL 1:100 split ratio

Detector: FID, 250 °C

The HI-10 is a high polarity phase with a 100% cyanopropyl polysiloxane composition. It is well suited for the analysis of FAMEs, especially for the separation of cis/trans isomers of FAMEs.

ORDERING TABLE

Product	Details	Dimensions	Part Number
Avantor® Hichrom HI-10	GC Column	0.32 mm, 0.25 µm, 50 m	HI26-32-025-50