

Application note # C-13028

Glycerin, Mono-, Di- and Triglycerides in Biodiesel (UNI EN ISO 14105, ASTM D6584)

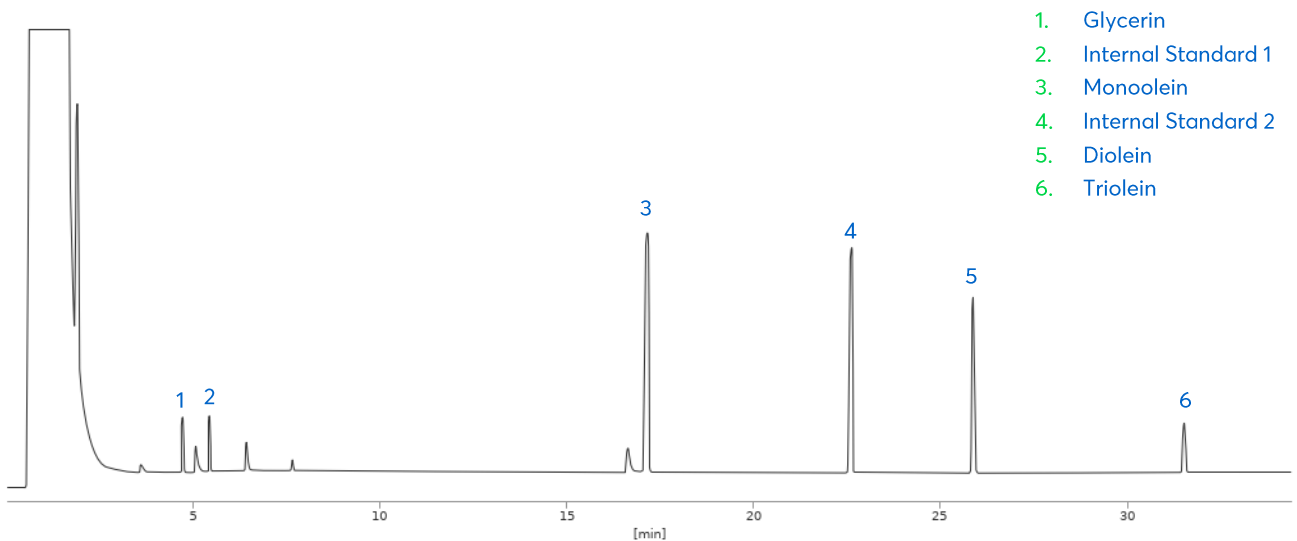


Figure 1: Separation of glycerin, mono-, di- and triglycerides in Biodiesel using the Avantor® Hichrom HI-BIODIESEL 105 column.

Method Details

CONDITIONS

Oven Program:	50 °C (1 min), 15 °C/min, 180 °C, 7° C/min. 230 °C, 10 °C/min, 370 °C (5 min)
Carrier Gas:	Helium, 3 mL/min
Injector:	PTV program Temp. 50 °C, 999 °C/min, 360 °C (15 min)
Detector:	FID, 380 °C
Sample:	Standards derivatized by MSTFA

Always check the latest and official method information from the applicable governing body prior to analysis.

The HI-BIODIESEL 105 is a method specific column designed for the analysis of Biodiesel, including glycerin, mono-, di- and triglyceride content.

ORDERING TABLE

Product	Details	Dimensions	Part Number
Avantor® Hichrom HI-BIODIESEL 105	GC Column	0.32 mm, 0.10 µm, 15 m	HI40-32-010-15