

Application note # C-13145

Separation of Sterols (TMS Derivatives) in Soy Oil using the Avantor® Hichrom HI-LAP Phase

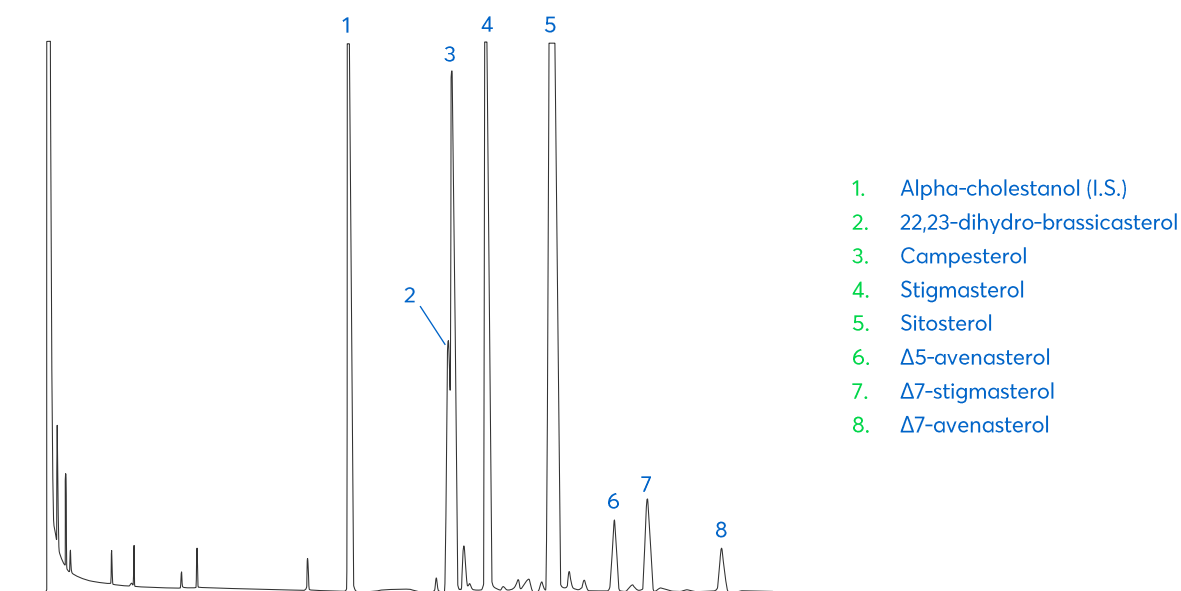


Figure 1: Separation of sterols (TMS derivatives) in soy oil using the Avantor® Hichrom HI-LAP phase.

Method Details

CONDITIONS

Oven Program:	260 °C, Isothermal
Carrier Gas:	Hydrogen, 2 mL/min
Injector:	Split, 300 °C, 1.0 µL, 1:80 split ratio
Detector:	FID, 300 °C

The HI-LAP (Lipid Analysis Phase) is a dedicated and unique stationary phase especially developed for the analysis of lipids, sterols and saturated and unsaturated triglyceride separations.

ORDERING TABLE

Product	Details	Dimensions	Part Number
Avantor® Hichrom HI-LAP	GC Column	0.32 mm, 0.10 µm, 25 m	HI46-32-010-25

Acknowledgement: Dr C. Mariani, Stazione Sperimentale Oli e Grassi, Via Guiseppe Colombo 79, Milan, Italy.