

Application note # C-13100

Fast Separation of Chamomile Essential Oil using the Avantor® Hichrom HI-WAX Phase

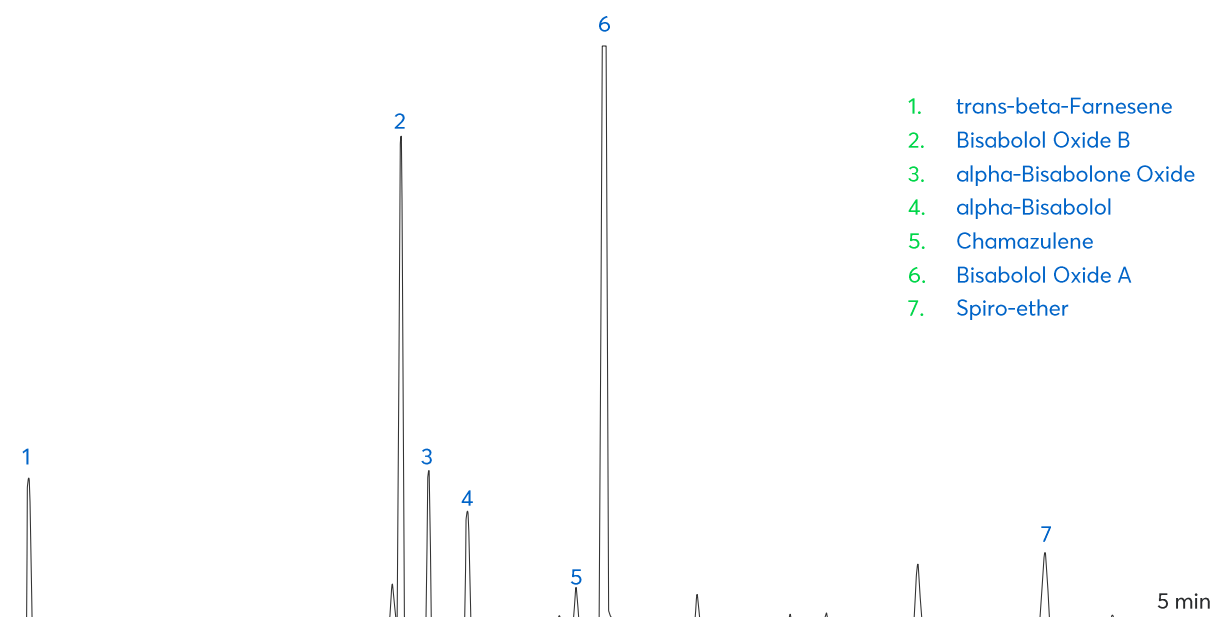


Figure 1: Fast separation of chamomile essential oil using the Avantor® Hichrom HI-WAX phase.

Method Details

CONDITIONS

Oven Program:	50 °C (0.1 min), 30 °C/min, 250 °C
Carrier Gas:	Hydrogen, 0.5 mL/min
Injector:	Split, 230 °C, 0.5 µL, 1:250 split ratio
Detector:	FID, 250 °C
Sample Dilution:	1% in Cyclohexane

The HI-WAX is a high polarity polyethylene glycol (PEG) phase for a wide range of applications such as essential oils, flavours and fragrances, FAMEs, aromatic compounds and solvents.

ORDERING TABLE

Product	Details	Dimensions	Part Number
Avantor® Hichrom HI-WAX	FAST GC Column	0.10 mm, 0.10 µm, 5 m	HI09-10-010-5

Acknowledgement: Prof. C.Bicchi, C.Brunelli et al. Università di Torino, Dipartimento di Scienza e Tecnologia del Farmaco, Via Pietro Giuria, 9, Torino, Italy.