

Application note # C-13069

Blood Alcohol Analysis using Headspace GC on the Avantor® Hichrom HI-ALC 2 Phase

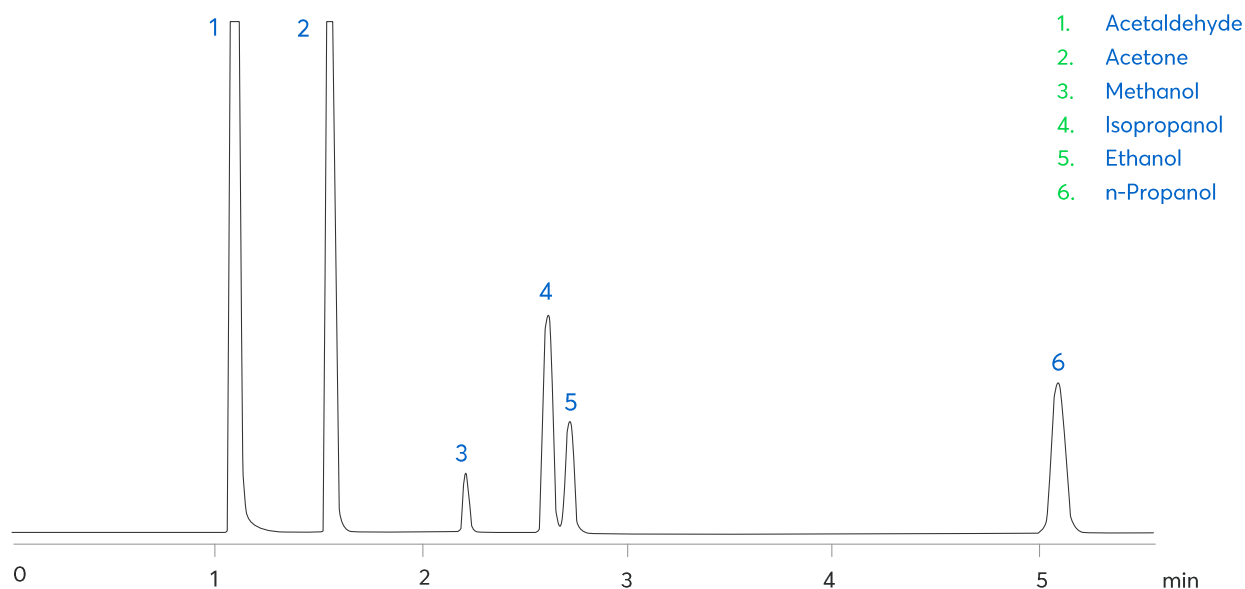


Figure 1: Headspace analysis of blood alcohol using the Avantor® Hichrom HI-ALC 2 phase.

Method Details

CONDITIONS

Oven Program:	40 °C Isothermal
Carrier Gas:	Hydrogen, 50 kPa
Injector:	Split, 250 °C, 1.0 mL with gas syringe
Detector:	FID, 250 °C
Sample:	Headspace of blood alcohol mix, hold 15 min @ 80 °C

The HI-ALC 2 is an application specific column developed for blood alcohol analysis. Offering alternative selectivity to the HI-ALC 1 column.

ORDERING TABLE

Product	Details	Dimensions	Part Number
Avantor® Hichrom HI-ALC 2	GC Column	0.32 mm, 1.00 µm, 30 m	HI37-32-100-30