

# Chiral GC Separation using the Avantor<sup>®</sup> Hichrom HI-DEX G-01 Phase

- 1. 2-Octanol enantiomers
- 2. Linalyl Acetate enantiomers
- 3. Menthol enantiomers
- 4. Isobornyl Acetate enantiomers
- 5. Camphor enantiomers

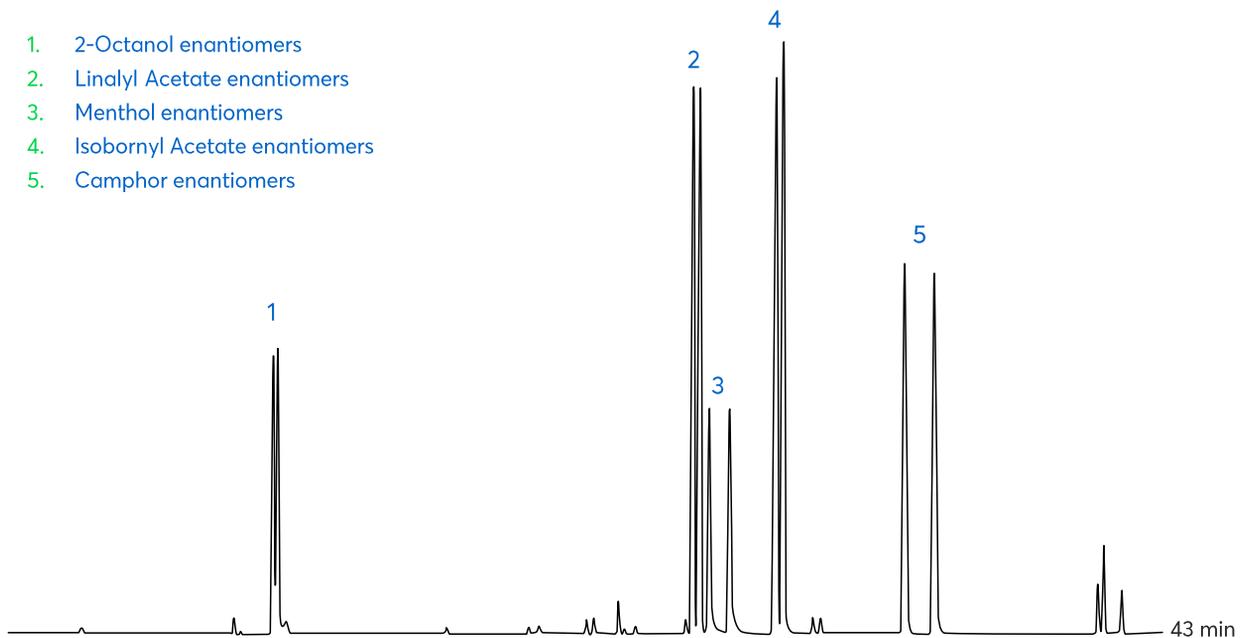


Figure 1: Separation of enantiomers found in flavours and fragrances using the Avantor<sup>®</sup> Hichrom HI-DEX G-01 phase.

# Method Details

## CONDITIONS

Oven Program:	50 °C, 2 °C/min, 136 °C
Carrier Gas:	Hydrogen, 0.6 mL/min constant flow
Injector:	Split, 250 °C
Detector:	FID, 250 °C

The Hichrom HI-DEX G-01 is a proprietary cyclodextrin phase, useful in the analysis of chiral compounds in fragrances, pesticides and pharmaceuticals. This unique selectivity is also able to separate bornyl acetate enantiomers.

## ORDERING TABLE

Product	Details	Dimensions	Part Number
Avantor® Hichrom HI-DEX G-01	GC Column	0.15 mm, 0.15 µm, 30 m	HI74-15-015-30

Acknowledgement: Dr. Cecilia Cagliero and Prof. Carlo Bicchi, Università di Torino, Dipartimento di Scienza e Tecnologia del Farmaco, Via P. Giuria, 9, Torino, Italy.