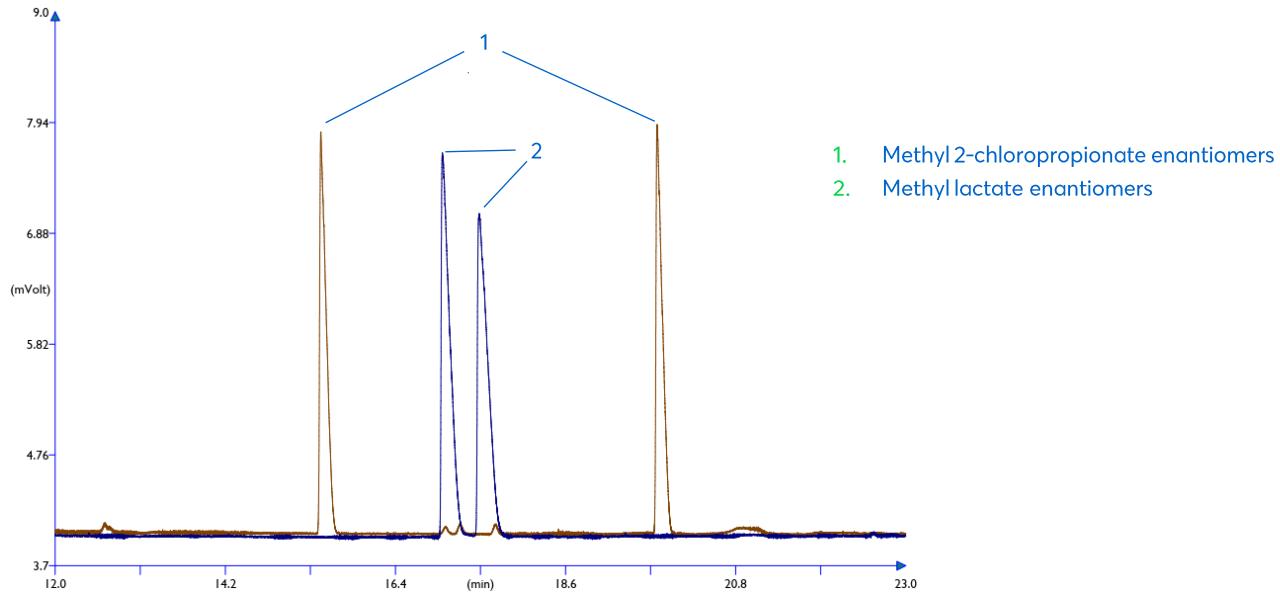


## Chromatography Solutions

## Application note # C-13173

# Chiral Separation of Methyl Lactate and Methyl 2-Chloropropionate



**Figure 1:** Chiral separation of methyl lactate and methyl 2-chloropropionate using the Avantor® Hichrom HI-DEX DAC Beta phase.

# Method Details

## CONDITIONS

Oven Program: 50 °C, 2 °C/min, 150 °C  
Carrier Gas: Hydrogen, 75 kPa  
Injector: Split, 250 °C, 0.5 µL Injection volume, 80 mL/min split flow  
Detector: FID, 250 °C  
Sample Dilution: 1 µL in 2 mL n-Hexane

The HI-DEX DAC Beta is a chiral phase with a diacetyl tertbutylsilyl beta-cyclodextrin composition. Useful in the analysis of chiral compounds in fragrances, pesticides and pharmaceuticals.

## ORDERING TABLE

Product	Details	Dimensions	Part Number
Avantor® Hichrom HI-DEX DAC Beta	GC Column	0.25 mm, 0.25 µm, 25 m	HI66-25-025-25