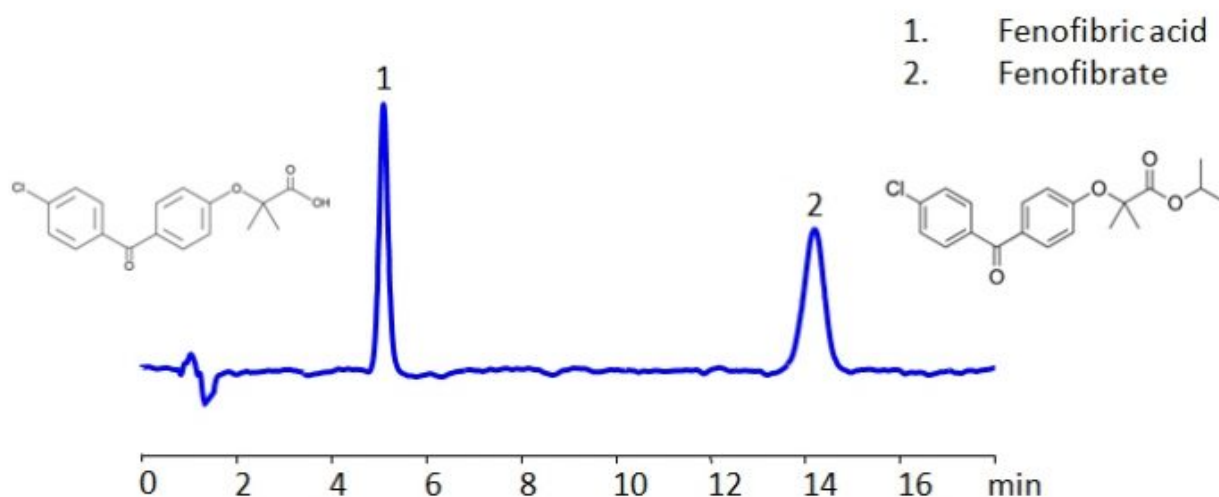


HPLC Method for Analysis of Fenofibric Acid and Fenofibrate on Primesep 200 column

<https://sielc.com/HPLC-Method-Analysis-Fenofibrate>

Chromatogram



Column:	Primesep 200
Column size:	3.2 × 100 mm, 5 µm
Column part number:	200 -32.100.0510
Mobile phase:	MeCN/H ₂ O – 45/55%
Buffer:	H ₂ SO ₄ - 0.05%
Flow rate:	0.5 mL/min
UV Detection:	286 nm

Description

Fenofibrate is a synthetic Peroxisome Proliferator Receptor alpha (PPAR alpha) Agonist as well as an antilipemic agent. It is used to help lower “bad” cholesterol and fats (LDL, triglycerides) by increasing the natural enzyme that breaks down fats in the blood. Primesep 200, a reverse phase column, contains embedded acidic ionizable groups and can retain Propranolol. The method is UV compatible and can be used as a general approach for analyzing similar compounds.

Method Parameters

Mobile Phase	MeCN – 45%
Buffer	H ₂ SO ₄ – 0.05%,
Flow Rate	0.5 ml/min
Detection	UV, 286 nm

Class of Compounds	Drug, Acid, Hydrophilic, Ionizable, Supplements
Analyzing Compounds	Fenofibrate

HPLC Column Used

Primesep 200, 3.2×100 mm, 5 µm, 100A

[Order this column at hplc-shop.de →](https://www.hplc-shop.de)