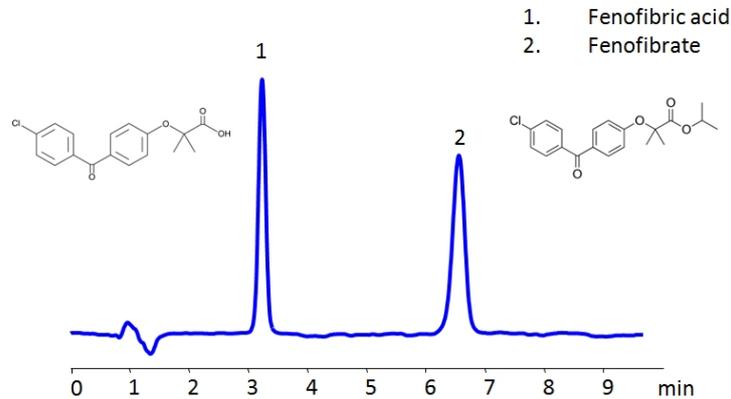


HPLC Separation of Fenofibric Acid and Fenofibrate on Newcrom AH Column



Column:	Newcrom AH
Column size:	3.2 × 100 mm, 3 µm
Column part number:	NAH-32.100.0310
Mobile phase:	MeCN/H ₂ O – 45/55%
Buffer:	Formic Acid - 0.05%
Flow rate:	0.5 mL/min
UV Detection:	286 nm

High Performance Liquid Chromatography (HPLC) Method for Analysis of Fenofibric acid , Fenofibrate .

Fenofibric acid is used to treat high levels of cholesterol and triglyceride in blood, which can help prevent pancreatitis. It works through activating peroxisome proliferator-activated receptor alpha. This leads to increased activity lipoprotein lipase and decreased production of proprotein.

Fenofibrate is used to treat high levels of cholesterol and triglyceride in blood, which can help prevent pancreatitis. It works when it is converted into Fenofibric acid, listed above.

Fenofibric acid , Fenofibrate can be retained and analyzed using the Newcrom AH stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN) with a formic acid buffer. Detection is performed using UV.

Method Parameters

Column	Newcrom AH, 3.2 x 100 mm, 3 µm, 100 Å, dual ended
Mobile Phase	MeCN – 45%
Buffer	Formic Acid – 0.05%
Flow Rate	0.5 mL/min
Detection	UV, 286 nm

Quelle: <https://sielc.com/hplc-separation-of-fenofibric-acid-and-fenofibrate-2>