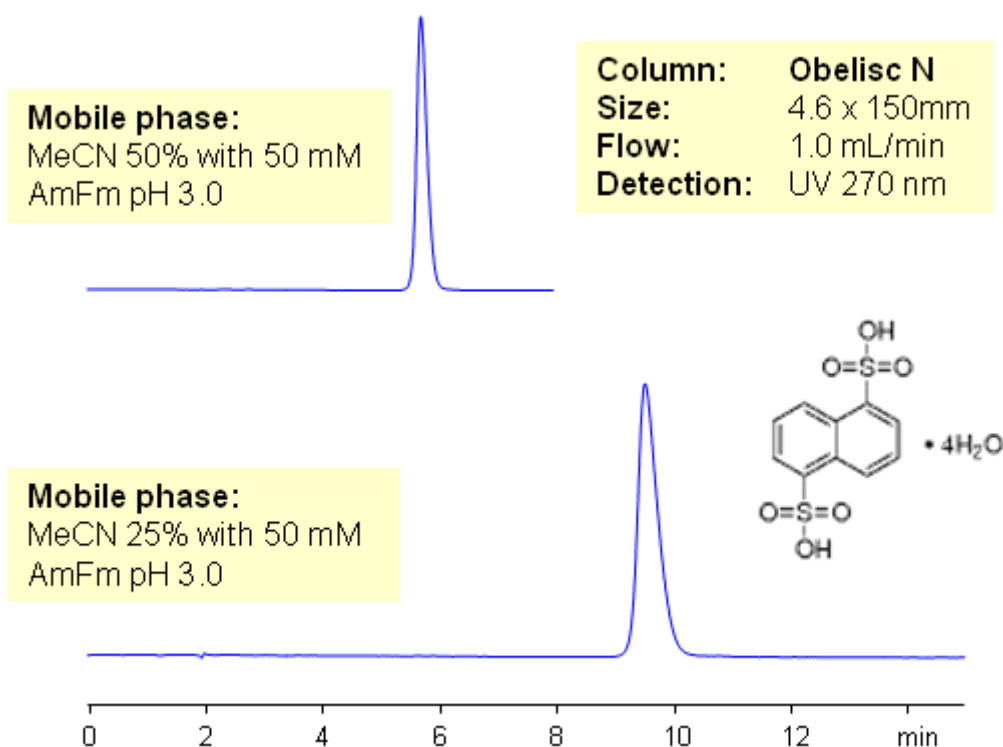


# HILIC Retention of 1,5-Naphthalenedisulfonic Acid on Obelisc N Mixed-Mode HILIC Columns

<https://sielc.com/Application-HILIC-Retention-of-1-5-Naphthalenedisulfonic-Acid-on-Obelisc-N-Mixed-Mode-HILIC-Columns>

## Chromatogram



## Description

Naphthalenedisulfonic acid is retained by anion-exchange mechanism on Obelisc N mixed-mode HILIC column. Retention time is controlled by amount of ion in the mobile phase. Method demonstrates very good peak shape and controllable retention. This mixed-mode approach can be used for quantitation of various sulfonic acid in different matrices. UV, ELSD or LC/MS can be used for quantitation.

## Method Parameters

<b>Mobile Phase</b>	MeCN/H <sub>2</sub> O
<b>Buffer</b>	AmFm pH 3.0
<b>Flow Rate</b>	1.0 ml/min
<b>Detection</b>	UV, 270 nm
<b>Class of Compounds</b>	Acid
<b>Analyzing Compounds</b>	1,5-Naphthalenedisulfonic Acid

## HPLC Column Used

**Obelisc N , 4.6x150 mm, 5 µm, 100A**

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