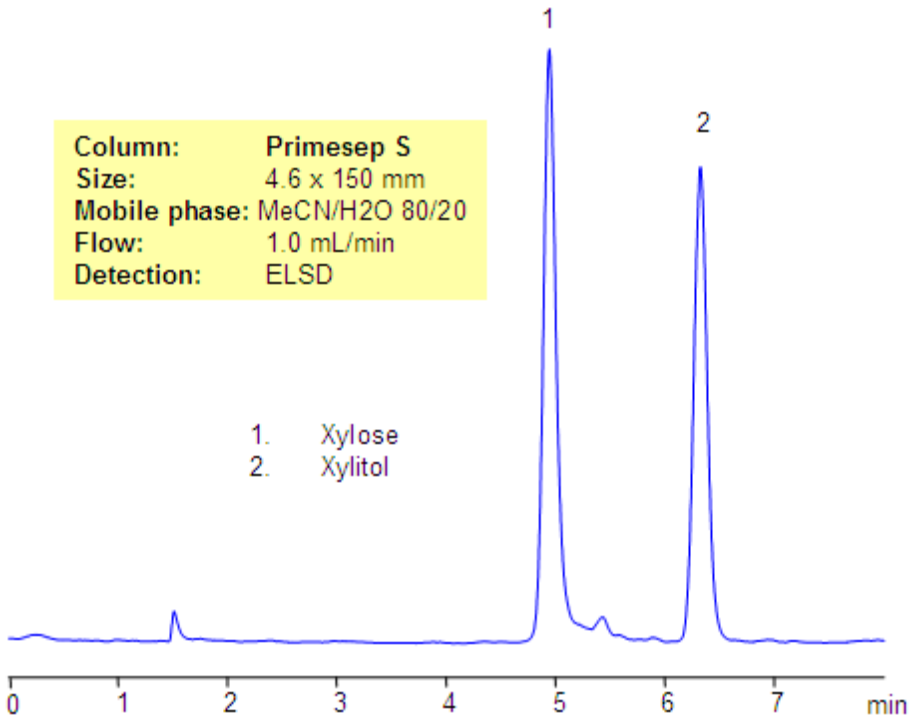
HPLC Analysis on Xylose and Xylitol on Primesep S Column



Xylose is a monosaccharide which can be found in wood. Xylitol is a sugar-like, open chain polyalcohol. Xylitol and xylose were separated on the Primesep S HILIC/mixed-mode column. Both compounds are retained by a single HILIC mechanism. This method is compatible with ELSD, CAD, and RI detection and can be used for analysis of various monosaccharides in complex mixtures.

Method Parameters

Column	Primesep S, 4.6×150 mm, 5 µm, 100 Å
Mobile Phase	MeCN/H2O – 80/20%
Buffer	AmFm pH 3.0- 10 mM
Flow Rate	1.0 mL/min
Detection	ELSD

Quelle: https://sielc.com/Appliccation-HPLC-Analysis-on-Xylose-and-Xylitol-on-Primesep-S-Column