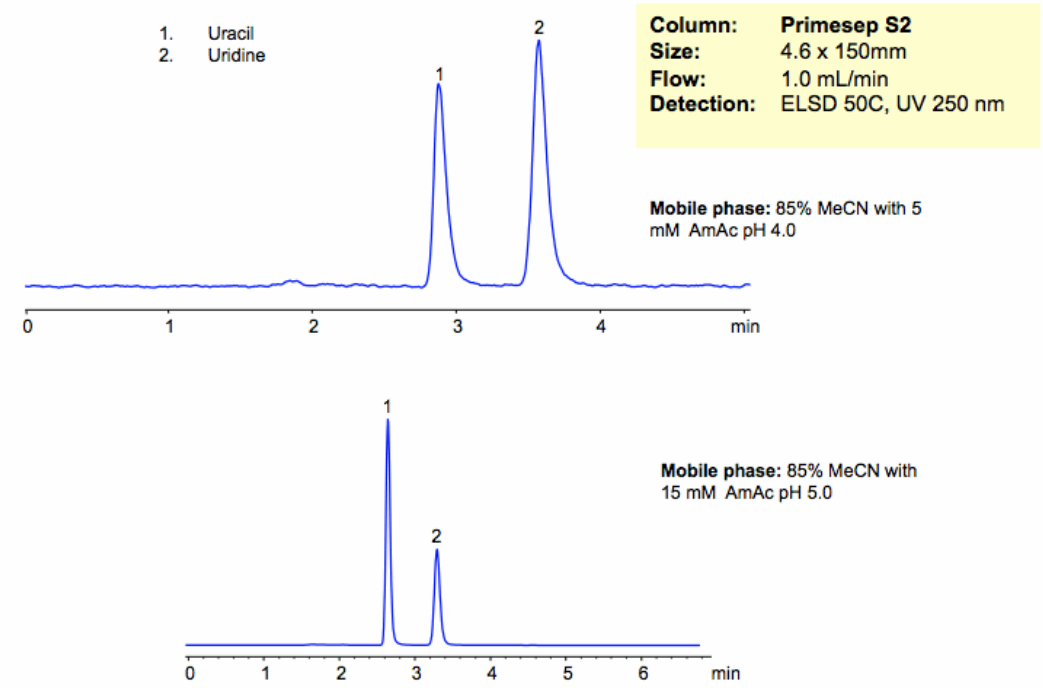
HPLC Separation of Uracil and Uridine in HILIC Mode on Primesep S2 Column



Uracil and uridine are separated based on their polarity. The mechanism of retention is pure HILIC mode. Retention time is controlled by varying the amount of ACN. Buffer concentration and pH will affect ionization and polarity of the stationary phase, and thus indirectly affect retention of neutral compounds. Column is compatible with all general detection techniques.

Method Parameters

Column	Primesep S2, 4.6×150 mm, 5 µm, 100 Å
Mobile Phase	MeCN/H2O – 80/20%
Buffer	AmAc
Flow Rate	1.0 mL/min
Detection	ELSD, 50C UV 250 nm

Quelle: https://sielc.com/Application-HPLC-Separation-of-Uracil-and-Uridine-in-HILIC-Mode-on-Primesep-S2-Column