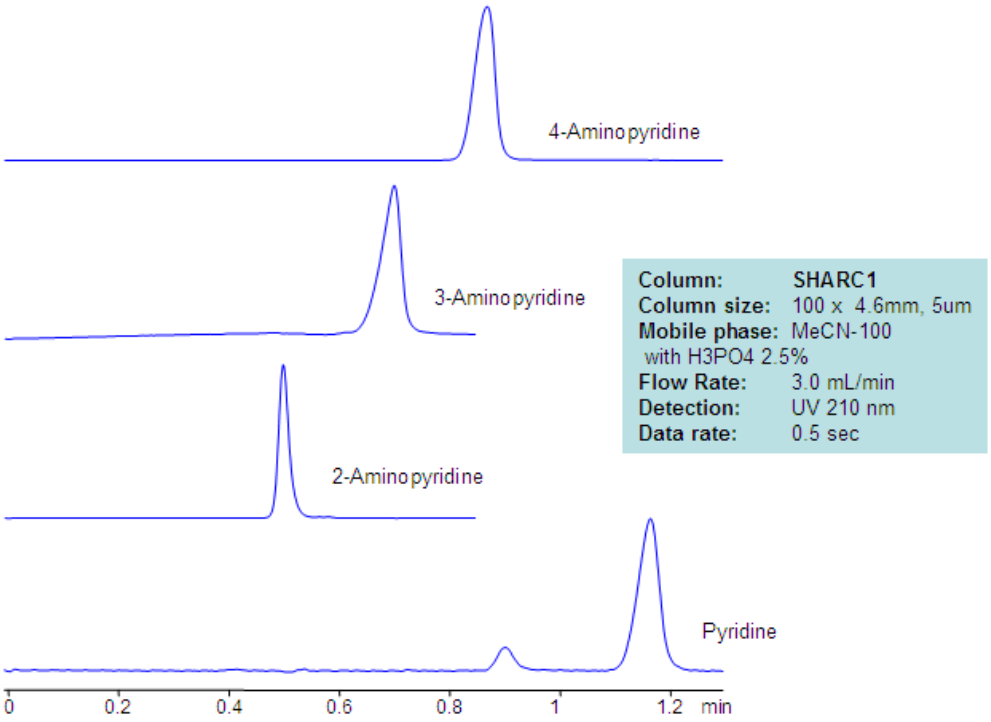
HPLC Separation of Aminopyridines in Non-Aqueous Mobile Phase



The SHARC™ family of innovative columns represents the first commercially available columns primarily utilizing separation based on hydrogen bonding. SHARC stands for Specific Hydrogen-bond Adsorption Resolution Column . Hydrogen bonding involves an interaction or attraction between a bound hydrogen atom and molecules containing electronegative atoms, such as oxygen, nitrogen, and fluorine.

Method Parameters

Column	Sharc 1, 4.6×100 mm, 5 µm, 100 Å
Mobile Phase	MeCN – 97.5%
Buffer	H3PO4 – 2.5%
Flow Rate	3.0 mL/min
Detection	UV, 210 nm

Quelle: https://sielc.com/HPLC_Separation_of_Aminopyridines_in_Non-Aqueous_Mobile_Phase