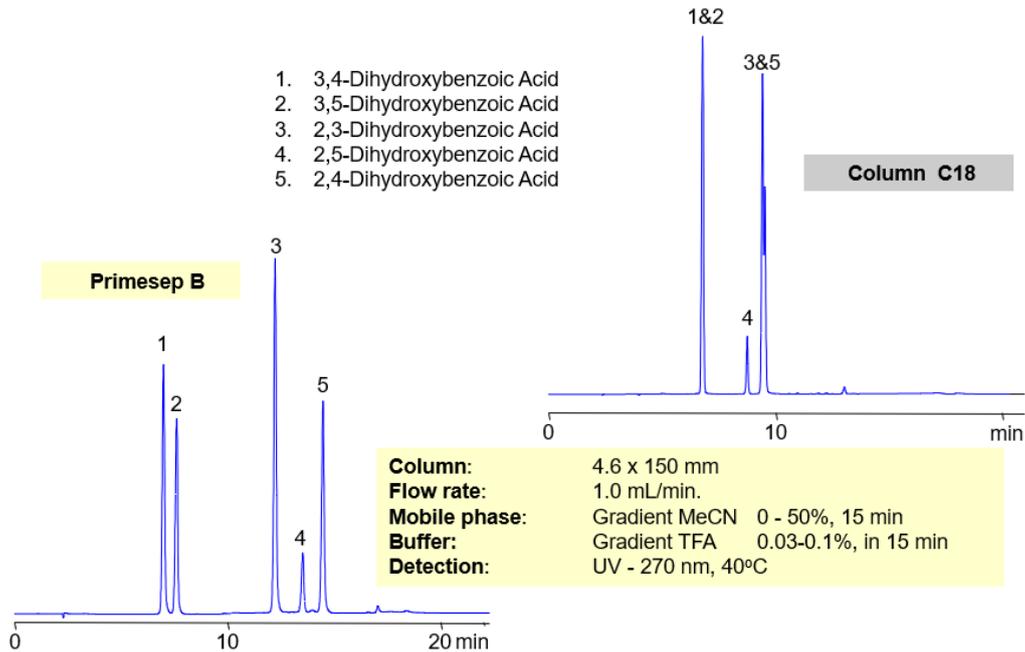


Mixed-Mode Separation of Dihydroxybenzoic Acids



Primesep B offers better selectivity over traditional, reversed-phase C18 columns for separating regioisomers of aromatic dihydroxybenzoic acids (2,3-dihydroxybenzoic, 2,4-dihydroxybenzoic, 2,5-dihydroxybenzoic, 3,4-dihydroxybenzoic, 3,5-dihydroxybenzoic acids). Primesep B combines reversed-phase and anion-exchange mechanism with a mass spec compatible mobile phase of water, acetonitrile (MeCN, ACN) and trifluoroacetic acid (TFA).

Method Parameters

Column	Primesep B, 4.6x150 mm, 5 µm, 100 Å
Mobile Phase	MeCN
Buffer	TFA
Flow Rate	1.0 mL/min
Detection	UV, 270 nm

Quelle: <https://sielc.com/Application-Mixed-Mode-Separation-of-Dihydroxybenzoic-Acids>