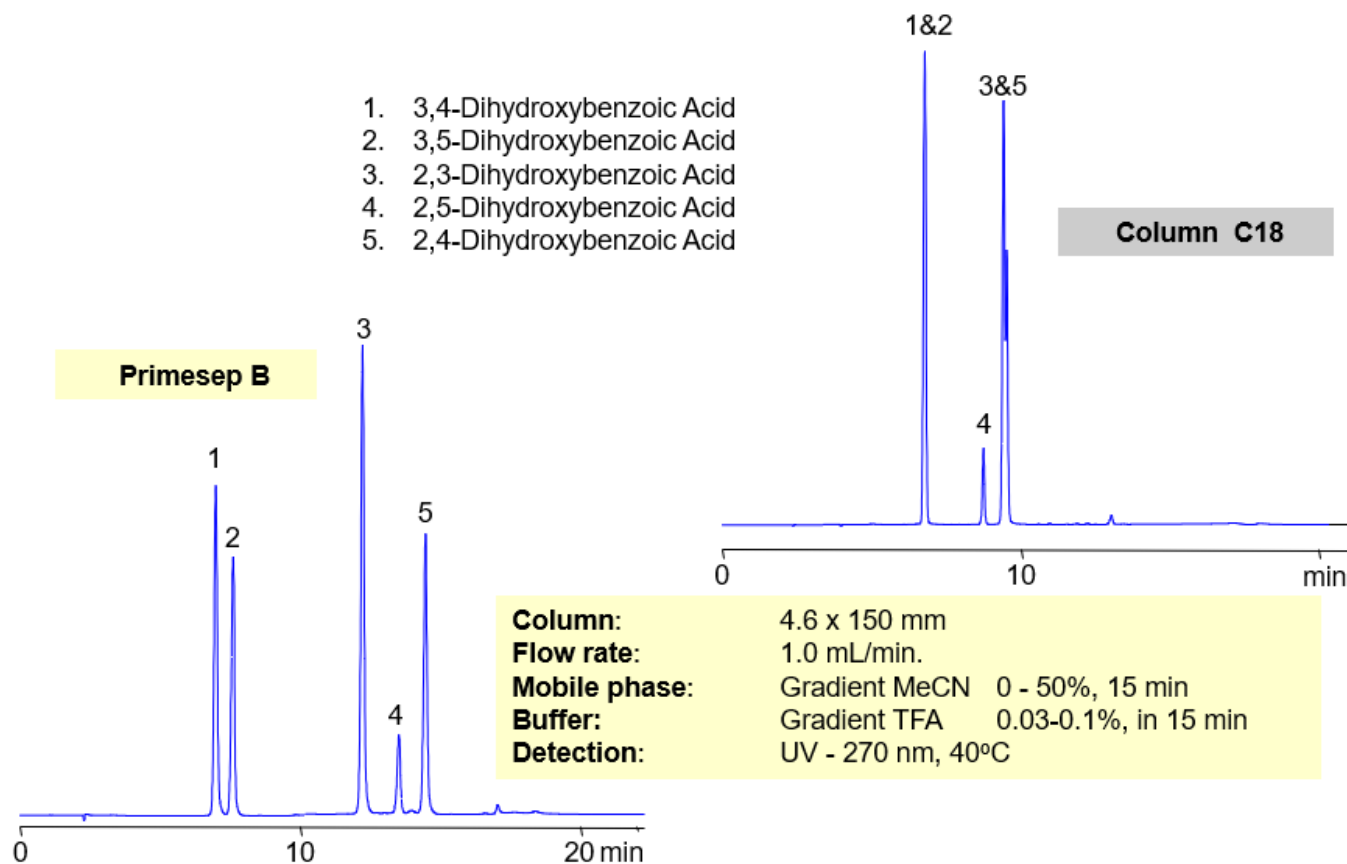


# Mixed-Mode Separation of Dihydroxybenzoic Acids

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

## Chromatogram



## Description

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

<b>Mobile Phase</b>	MeCN
<b>Buffer</b>	TFA
<b>Flow Rate</b>	1.0 ml/min
<b>Detection</b>	UV, 270 nm
<b>Class of Compounds</b>	Drug, Acid, Hydrophilic, Ionizable, Vitamin, Supplements
<b>Analyzing Compounds</b>	3,4-dihydroxybenzoic acid, 3,5-dihydroxybenzoic acid, 2,4-dihydroxybenzoic acid, 2,5-dihydroxybenzoic acid, 2,3-dihydroxybenzoic acid

## HPLC Column Used

**Primesep B, 4.6×150 mm, 5 µm, 100A**

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