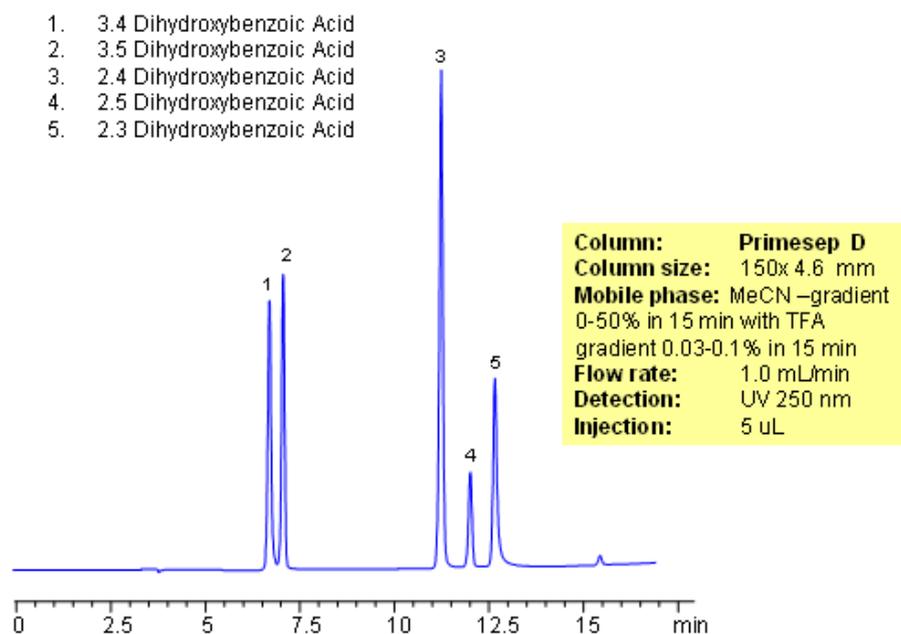


## HPLC Separation of Dihydroxybenzoic Acid



Separation of hydrophilic isomers is very difficult when only one mechanism of retention, like reversed-phase, is available. Isomers have very similar hydrophobic properties. In case of mixed-mode chromatography, small difference in hydrophobic and ionic properties allows to separate isomers. Isomers of dihydroxybenzoic acids are separated on a Primesep D column with good selectivity and peak shape. This method can be used for separation of other hydrophilic acidic compounds as well as hydrophobic basic compound.

### Method Parameters

<b>Column</b>	Primesep D, 4.6x150 mm, 5 $\mu$ m, 100 Å
<b>Mobile Phase</b>	MeCN
<b>Buffer</b>	TFA
<b>Flow Rate</b>	1.0 mL/min
<b>Detection</b>	UV, 250 nm

Quelle: <https://sielc.com/Application-HPLC-Separation-of-Dihydroxybenzoic-Acid>