

## Method development tip for maleic hydrazide - Tips & Suggestions

**Maleic hydrazide has a pKa of 5.62 and a logP of -1.96. This logP value means it is very hydrophilic and will NOT retain well in Reversed Phase HPLC.**

For this reason, we would suggest you try a method in ~~Aqueous Normal Phase~~ ANP using the [Cogent Diamond Hydride™](#) column in order to retain it. The pKa of 5.62 suggests that a mobile phase additive of 0.1% formic acid would work best. And 0.1% TFA can also be investigated if detection is not done by MS.

