



## What is the biggest difference between traditional HPLC phases and Bidentate C18 – FAQ

**The biggest difference is the silica surface and how it will benefit the user.**

The main difference is the dominance of silicon-hydride (Si-H) functional groups on the TYPE-C™ stationary phase instead of the traditional silanol group (Si-OH) common to all irregular, type A & B silica based phases.

This difference in stationary phase's polarity and the novel separation mechanisms of all TYPE-C™ gives new Selectivity options for these HPLC columns. They can all be used in Normal Phase, Aqueous Normal Phase ANP or Reversed Phase.. even the Cogent Bidentate C18™ giving each column a wider range of use.



**MicroSolv Technology Corporation**

9158 Industrial Blvd. NE, Leland, NC 28451

tel. (732) 380-8900, fax (910) 769-9435

Email: [customers@mtc-usa.com](mailto:customers@mtc-usa.com)

Website: [www.mtc-usa.com](http://www.mtc-usa.com)