

Converting Cogent TYPE-C columns to normal phase after use in reversed phase – How To

To convert any Cogent TYPE-C™ Silica HPLC column from Reversed Phase to Normal Phase or back to Reversed Phase, purge it with 15 column volumes of 100% HPLC Grade, filtered, Isopropanol (IPA). Be careful that the back pressure does not become excessive when purging with IPA as this is a more viscous solvent which can generate high back pressures even at low flow rates.

When this is accomplished without damage due to pressure, the TYPE-C columns are quick to convert between modes and this will not permanently damage the columns.

Note: Using even the Cogent Bidentate C18™ with non aqueous solvents can provide a very useful analysis especially for water labile compounds.



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