

If you are seeing significant background noise on your detector using a new Cogent HPLC column, it may simply need an initial conditioning to remove any trace residual packing solvents. Flushing the column at a low flow rate overnight with isopropanol, 50/50 isopropanol/DI water, or 50/50 methanol/DI water may be effective.

Another strategy you can try is to run a series of blanks with a gradient method that goes from weakly-eluting conditions to strong conditions. In reversed phase, you might go from 90% aqueous/ 10% organic to 10% aqueous/ 90% organic over 10 min or so.

Evaluate the chromatograms you get from the blanks and see if the UV slope gets flatter with each injection. This may be a good indication that the gradient washings are working.



Printed from the Chrom Resource Center

Copyright 2024, All Rights Apply

MicroSolv Technology Corporation

9158 Industrial Blvd. NE, Leland, NC 28451

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

Email: customers@mtc-usa.com

Website: www.mtc-usa.com