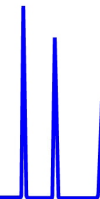




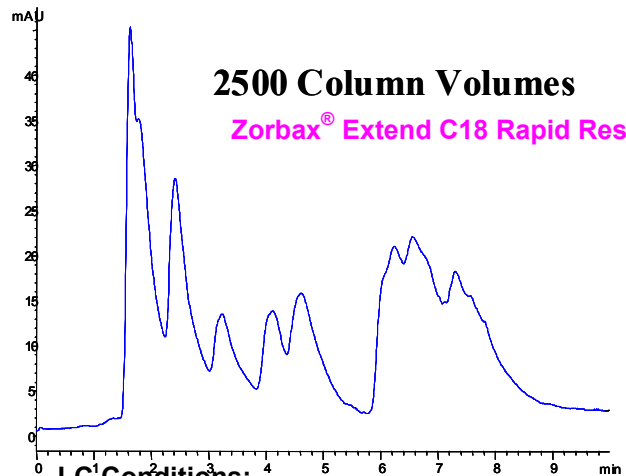
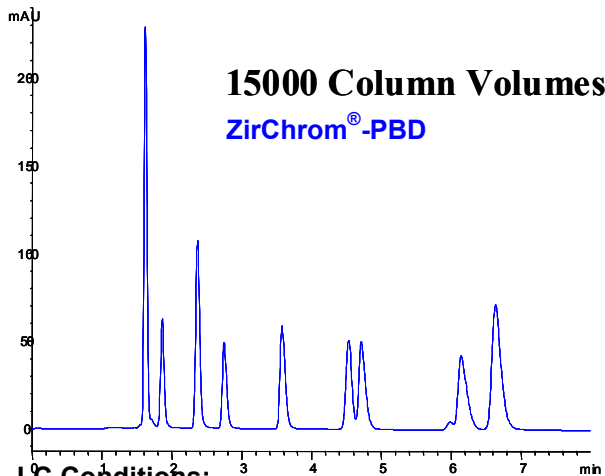
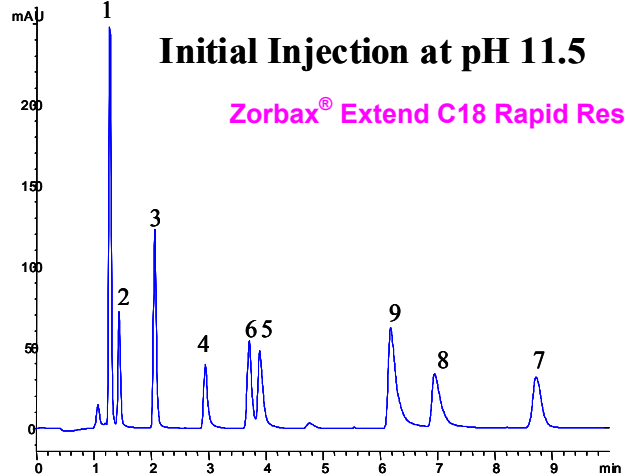
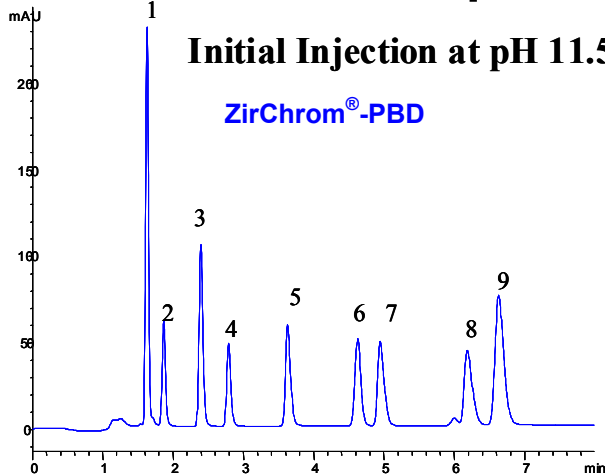
ZirChrom®

Technical Bulletin #212



... For Peak Performance

Column Life Comparison for β Blockers



LC Conditions:

ZirChrom®-PBD; Mobile Phase, 28/72 acetonitrile/ 20 mM potassium phosphate at pH=11.5; Flow Rate, 1.0 mL/min.; Temperature, 40oC; Detection, 254 nm. Solutes: 1=Labetalol, 2=Atenolol, 3=Acebutolol, 4=Metoprolol, 5=Oxprenolol, 6=Lidocaine, 7=Quinidine, 8=Alprenolol, 9=Propranolol.

LC Conditions:

Zorbax® Extend C18; Mobile Phase, 45/55 acetonitrile/ 20 mM potassium phosphate at pH=11.5; Flow Rate, 1.0 mL/min.; Temperature, 40oC; Detection, 254 nm. Solutes: 1=Labetalol, 2=Atenolol, 3=Acebutolol, 4=Metoprolol, 5=Oxprenolol, 6=Lidocaine, 7=Quinidine, 8=Alprenolol, 9=Propranolol.

Column Life at pH 11.5

