

Effect of Mobile Phase Preparation on Chromatography

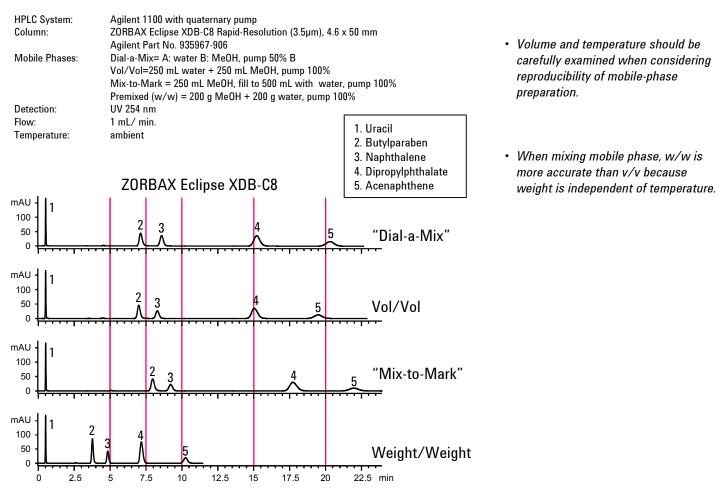
Highlights

• Significant changes in elution pattern

result from the method used for mobile-phase preparation.

The contraction of volume when mixing methanol and water is well known. Note differences in retention, resulting from how a "50:50" MeOH: water mobile phase is prepared and pumped through an Agilent LC system. Uracil is unretained and is not affected by mobile-phase composition; it serves to indicate proper flow rate.

Operating Conditions:





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