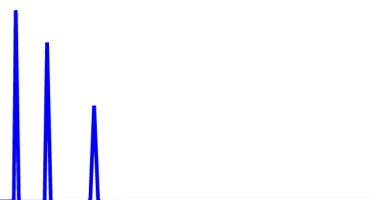


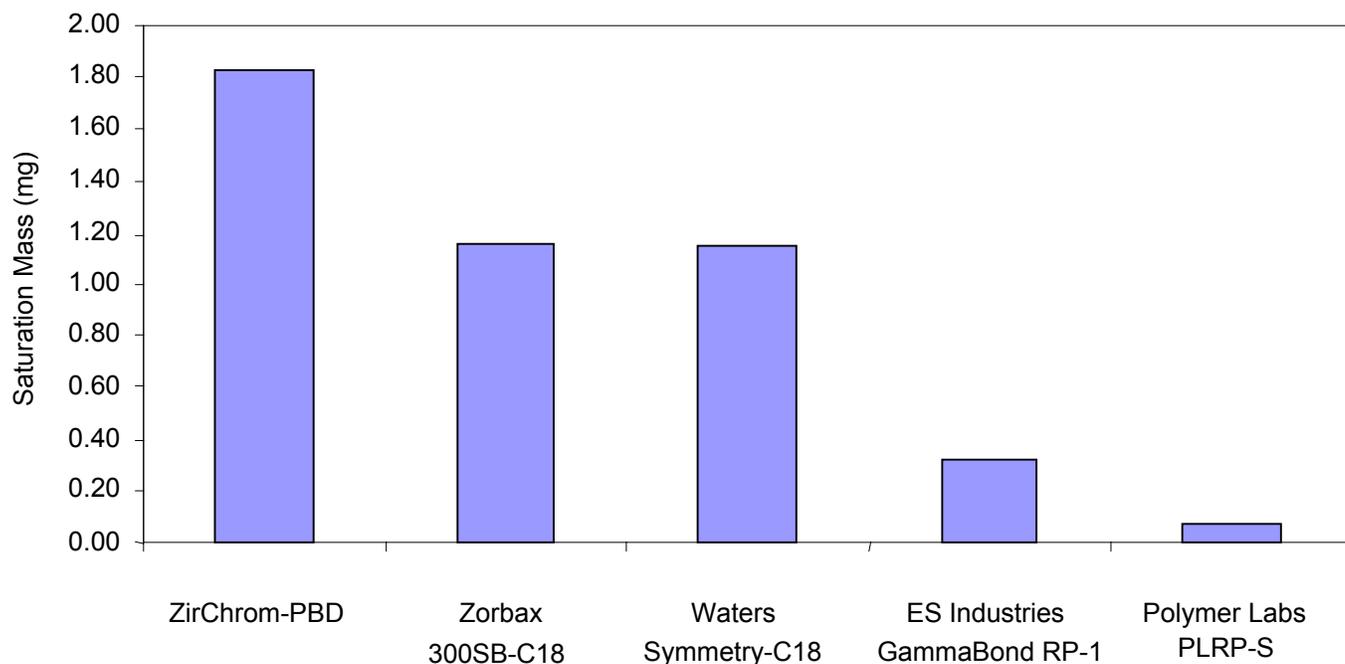
ZirChrom<sup>®</sup>

## Technical Bulletin #200



... For Peak Performance

### High Sample Loadability on ZirChrom<sup>®</sup>-PBD



ZirChrom<sup>®</sup>-PBD has excellent sample loadability for basic drugs compared to other “stable” reversed-phase columns. The columns studied were of the same dimensions (150 mm x 4.6 mm i.d.) and packed with stationary phases with similar specifications as ZirChrom<sup>®</sup>-PBD (3 $\mu$ m particle size, 300 $\text{Å}$  pore size). The basic drug used for this study was nortriptyline. Its retention factor was kept constant across all columns by adjusting the strength of the mobile phase. Saturation mass was calculated by the method used by Snyder and co-workers (L.R. Snyder, J.J. Kirkland and J.L. Glach, Practical HPLC Method Development (John Wiley & Sons, New York, 1997)).

