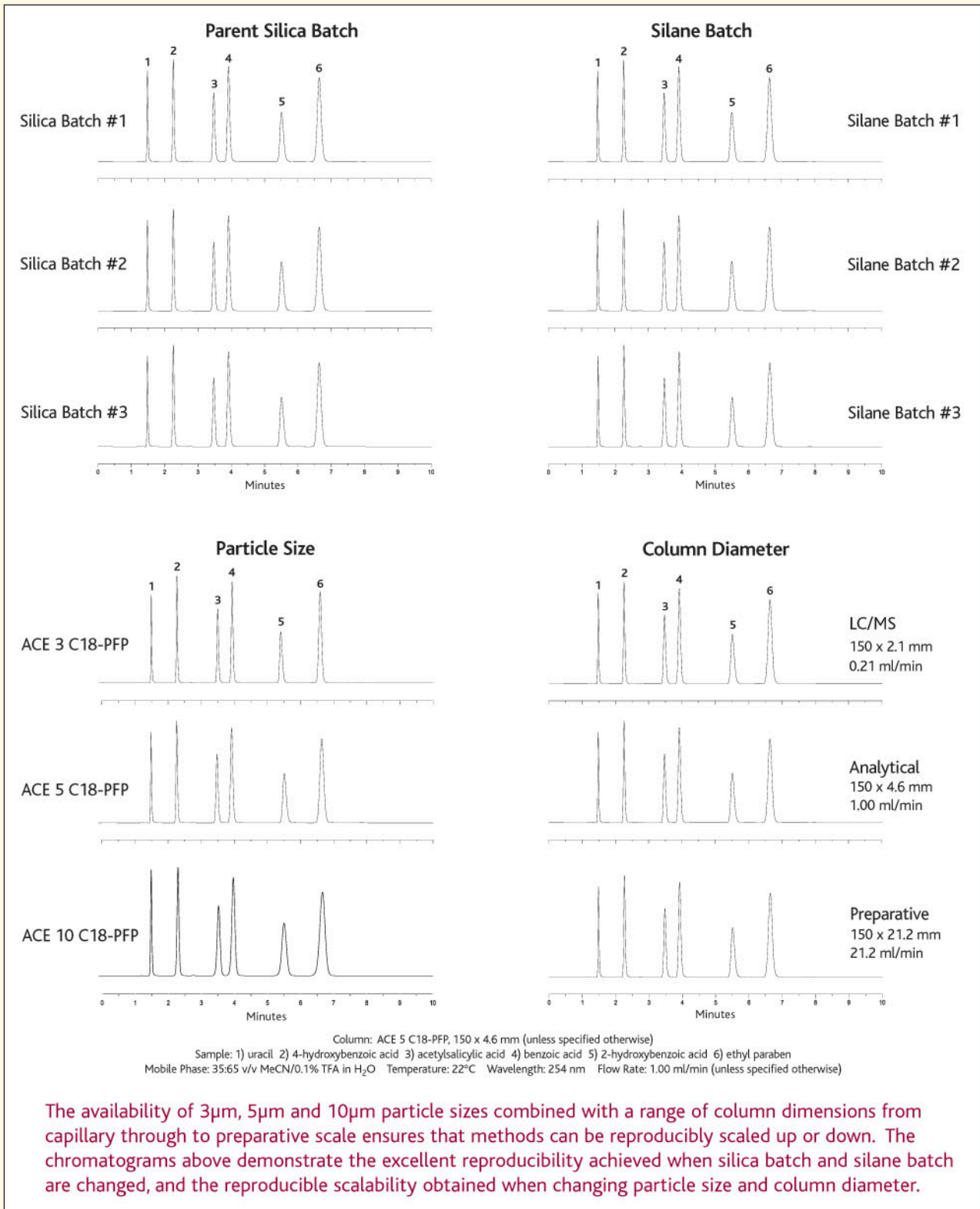


Guaranteed Reproducibility and Fully Scalable

Of equal importance to alternate selectivity is excellent reproducibility. Variations between different batches of stationary phase are the most common cause of customer concern. ACE stationary phases virtually eliminate the unpredictable negative effects of silanols on HPLC separations by maintaining a rigid control of the complete manufacturing process and establishing tight specifications for purity, selectivity, retention, efficiency and asymmetry. Therefore, as demonstrated in the figure below, absolute batch-to-batch and column-to-column reproducibility are guaranteed for all ACE C18-PFP columns.



The availability of 3µm, 5µm and 10µm particle sizes combined with a range of column dimensions from capillary through to preparative scale ensures that methods can be reproducibly scaled up or down. The chromatograms above demonstrate the excellent reproducibility achieved when silica batch and silane batch are changed, and the reproducible scalability obtained when changing particle size and column diameter.