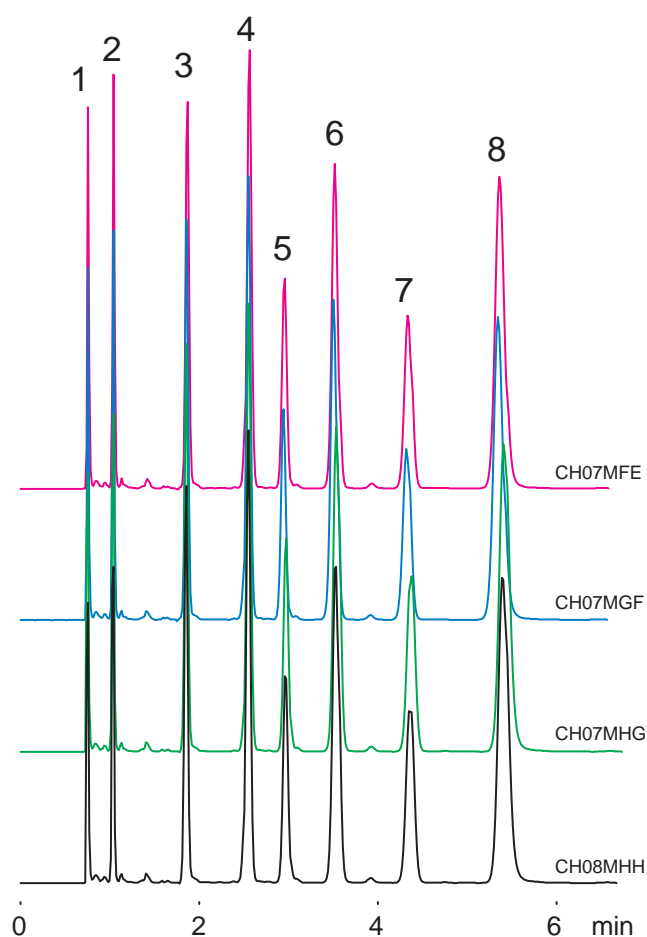


Cadenza CL-C18

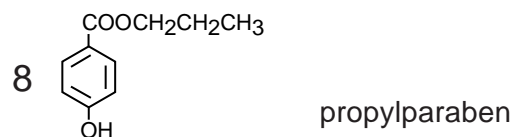
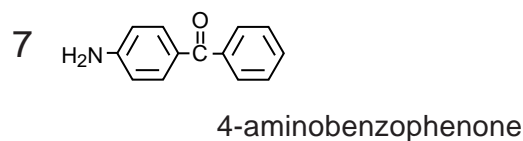
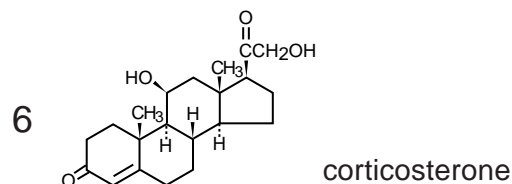
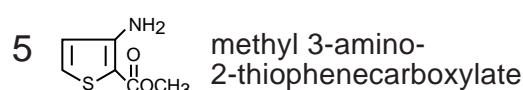
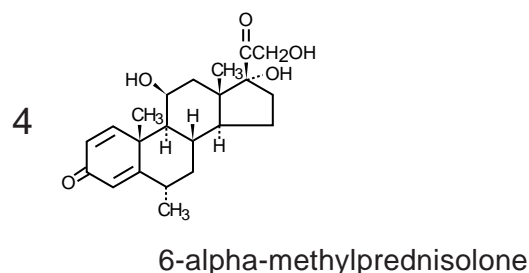
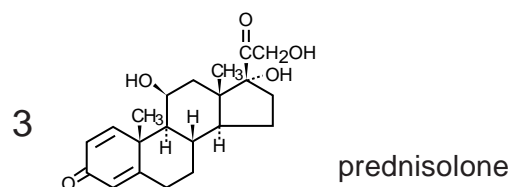
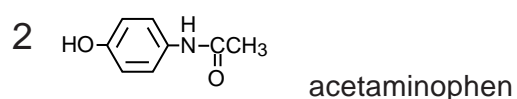
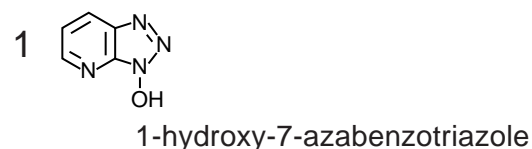
Technical

## Batch-to-batch reproducibility of CL-C18

Excellent reproducibility by strictly control of silanol amounts



Cadenza CL-C18, 75 x 4.6 mm  
50mM ammonium acetate /ACN = 60 /40  
1 mL/min, 37 deg.C, 250 nm



It is difficult to achieve acceptable batch-to-batch reproducibility for not end-capped ODS columns. We have solved this problem by utilizing "polymeric end-capping" technology to introduce an ODS phase with a proprietary amount of silanols. The chromatograms above indicate that the partially end-capped phase (CL-C18) phase shows excellent batch-to-batch reproducibility. Our unique production process, which utilizes "controlled end-capping" technology, allows us to introduce this first ever "silanol regulated" ODS phase into the Cadenza series.