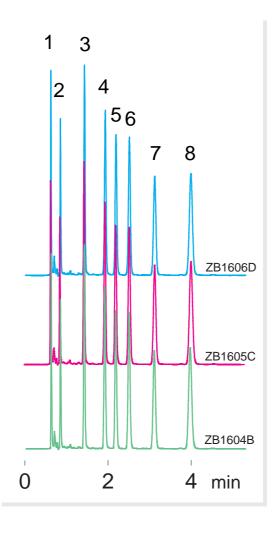
Cadenza CD-C18

Technical

Reproducibility of batch-to-batch



Cadenza CD-C18, 75 x 4.6 mm
10 mM CH₃COONH₄ / ACN = 60 / 40
1.0 mL/min, 37 °C
UV at 254 nm

1. 1-Hydroxy-7-azabenzotriazole
2. Acetoaminophen
3. Prednisolone
4. 6-Methylprednisolone
5. Methyl-3-amino-2-thiophenecarboxylate
6. Corticosterone
7. 4-Aminobenzophenone
8. Propyl paraben

This data shows Cadenza CD-C18's high level of repetition between packing gel production batches.

This experiment separated a drug-related chemical compound using three columns packed with ODS packings from different batches. The eluent is neutral pH and LC-MS compatible with volatile and low ionic strength.

Even in this quick analysis of multiple ingredients, Cadenza CD-C18's elution peaks show no change in elution peak behavior. This proves high-reproducibility even with multiple ingredients including base compounds.

Cadenza CD-C18's material processing, ODS substitution method, and end-capping technology guarantees a high level of repetition with its superior total design, manufacture and quality control techniques.