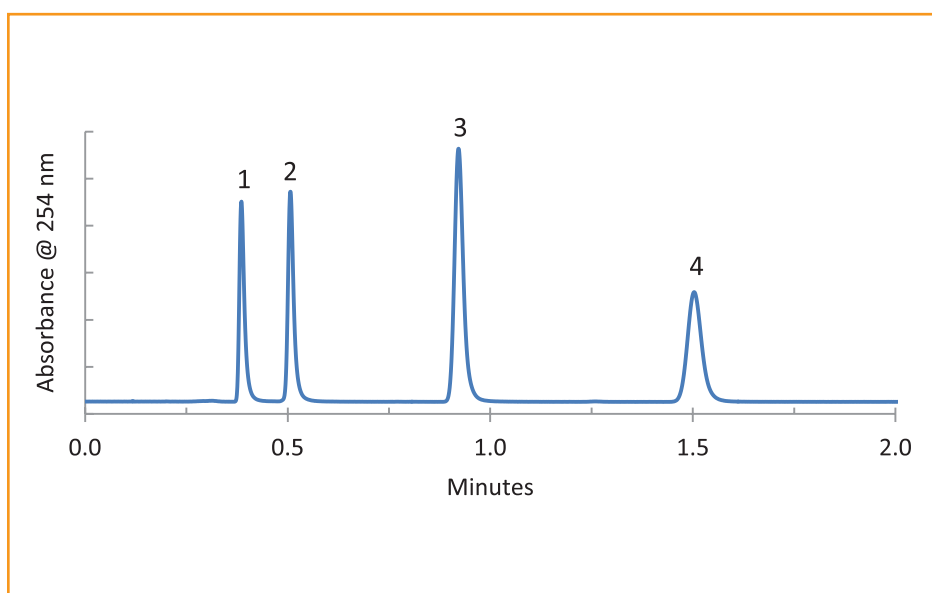
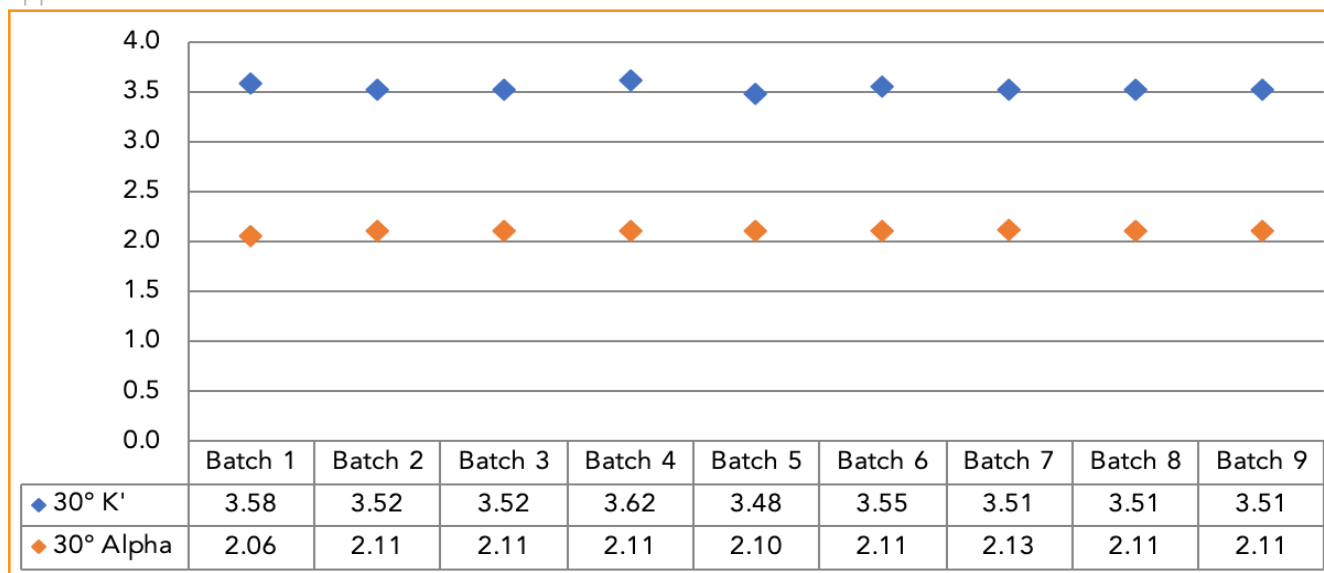




HALO® C18, 5 µm Lot to Lot Reproducibility

Application Note 79



PEAK IDENTITIES:

1. Uracil
2. Phenol
3. 4-Cl-1-Nitrobenzene
4. Naphthalene

TEST CONDITIONS:

Column: HALO 90 Å C18, 5 µm,
4.6 x 50 mm

Part Number: 95814-402

Mobile Phase: 57/43 - A/B

A: Acetonitrile

B: Water

Flow Rate: 1.0 mL/min

Pressure: 39 bar

Temperature: 30 °C

Detection: UV 254 nm, VWD

Injection Volume: 1.0 µL

Sample Solvent: 50/50 ACN/water

Flow Cell: 5.0 µL semi-micro

LC System: Agilent 1100

The retention factor and selectivity calculated across several batches of HALO® 5 µm C18 show superior reproducibility. Retention factor is calculated for naphthalene while selectivity is calculated between naphthalene and 4-chloro-1-nitrobenzene.

