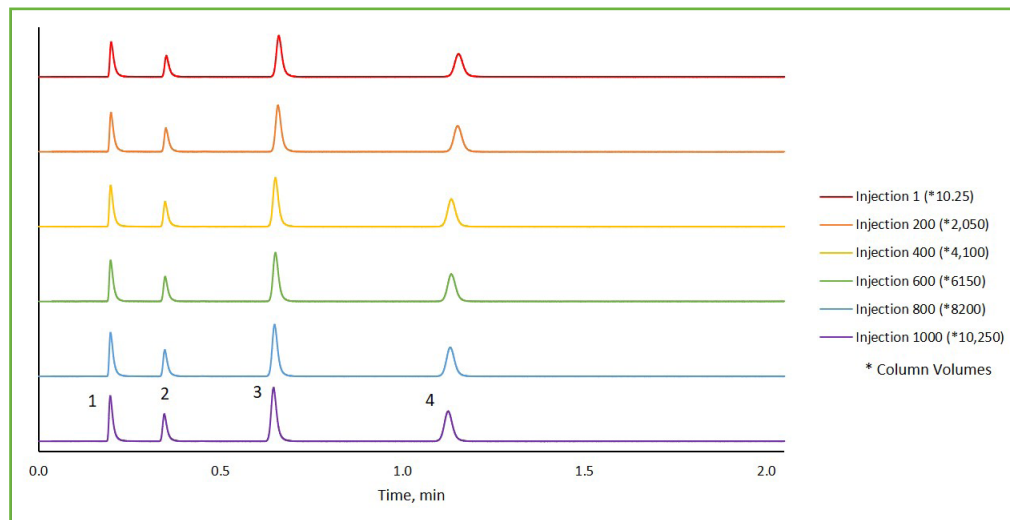




RP-Amide Stability of Naphthalene

330



PEAK IDENTITIES

1. Uracil
2. Phenol
3. 1,4-Dinitrobenzene
4. Naphthalene

TEST CONDITIONS:

Column: HALO 90 Å RP-Amide, 2.7 µm, 2.1 x 100 mm
 Part Number: 92812-607
 Mobile Phase A: Water
 Mobile Phase B: Acetonitrile
 Isocratic: 50 %B
 Flow Rate: 1.0 mL/min
 Pressure: 518 bar
 Temperature: 30 °C
 Detection: UV 254 nm, PDA
 Injection Volume: 0.5 µL
 Sample Solvent: 40/60 Water/ Acetonitrile
 Data Rate: 100 Hz
 Response Time: 0.025 sec.
 Flow Cell: 1 µL
 Instrument: Shimadzu Nexera X2

Naphthalene, commonly used as an insecticide and pest repellent, is monitored throughout 10,000 column volumes over 500 bar showing excellent peak shape and stable retention time. HALO® RP-Amide offers alternate selectivity to traditional alkyl stationary phases making it a complementary addition for use as a method development screening column. HALO® RP-Amide is available on 90 Å 2 µm, 2.7 µm, and 5 µm Fused-Core® particles.

