

Application note # QAN-0051

PARAMETERS

NQAD

GAS: Air
 FILTER: 0.3 sec
 GAIN: 5x
 EVAPORATION TEMP: Off

uHPLC

MOBILE PHASE: 7:93
 ACN:Water
 FLOW RATE: 0.25-1 mL/min
 over 1.3 min
 COLUMN: Grace VisionHT
 C18-B, 1.5 μ m, 2.0 x 50 mm
 INJECTION VOLUME : 1 μ L

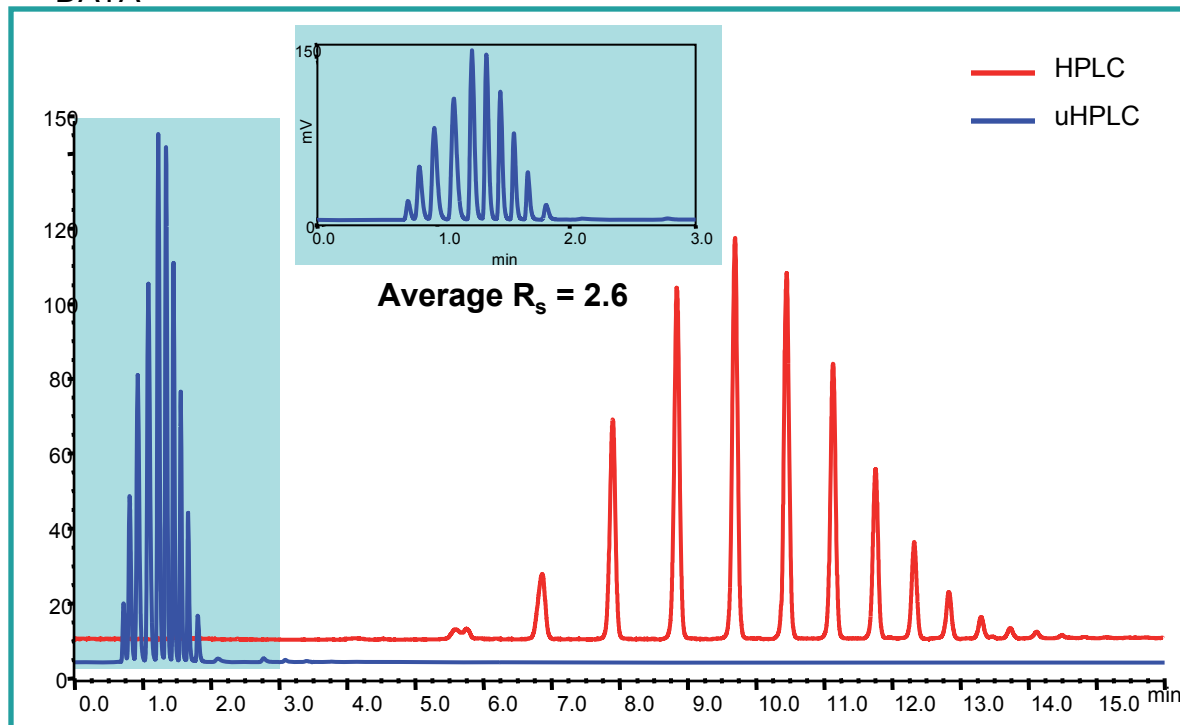
HPLC

MOBILE PHASE: ACN:Water,
 10-30 ACN in 15 min
 FLOW RATE: 1 mL/min
 COLUMN: Alltima C18, 5 μ m,
 250 x 4.6 mm
 INJECTION VOLUME : 10 μ L



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DATA



NQAD model QT-500 is UHPLC compatible, offering a sample rate of 50 Hz and minimal peak tailing/band broadening. NQAD models QT-600 and QT-700 have further UHPLC optimization with a sample rate of 100 Hz and a minimal liquid path length inside the detector, virtually eliminating peak tailing and band broadening. UHPLC compatibility means decreased sample analysis time while maintaining baseline resolution .