

# THE NQAD IS HIGHLY REPRODUCIBLE, EVEN AT VERY HIGH CONCENTRATIONS OF ANALYTE

Application note # QAN-0044

## PARAMETERS

### NQAD

GAS: Air  
FILTER: 5 sec  
GAIN: 1x  
EVAPORATION TEMP: 35°C

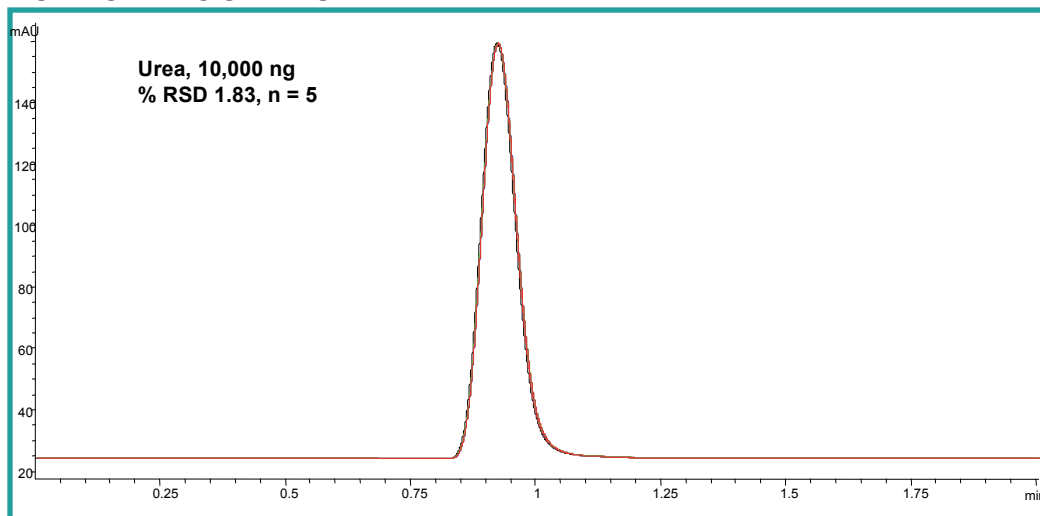
### HPLC

MOBILE PHASE: 40:60 Water:ACN  
FLOW RATE: 1.0 mL/min  
COLUMN: Alltech Alltima C18, 3u,  
4.6 x 33 mm  
COLUMN TEMP: Ambient  
INJECTION VOLUME :10 µL  
CONCENTRATION: 10,000 ng on  
column  
ANALYTE: Urea



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## CHROMATOGRAMS



The NQAD technology is highly reproducible, even at high concentrations that nearly max other detectors. Reproducibility is typically <2% for NQAD technology. The above chromatograms demonstrate excellent reproducibility for 5 injections of urea at a concentration of 10,000 ng on column.