



NQAD TECHNOLOGY OFFERS EXCELLENT REPRODUCIBILITY, EVEN AT LOW CONCENTRATIONS

Application note # QAN-0043

PARAMETERS

NQAD

GAS: Air
FILTER: 5 sec
GAIN: 500x
EVAPORATION TEMP: 35°C

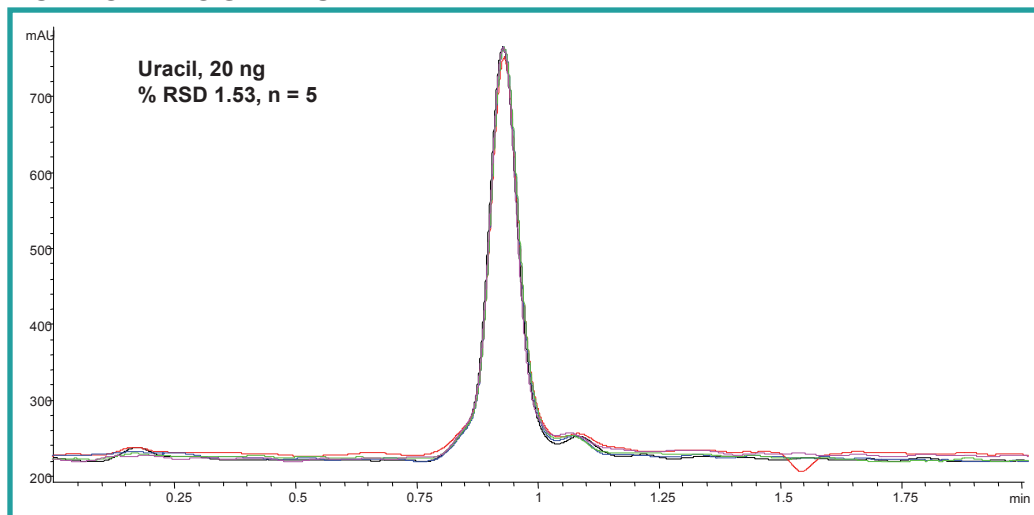
HPLC

MOBILE PHASE: 45:55 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: 20 ng on column
ANALYTE: Uracil



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CHROMATOGRAMS



The NQAD technology is highly reproducible, even at low concentrations that are near the limit of detection for ELSD detectors. Reproducibility is typically <2%. The above chromatograms demonstrate excellent reproducibility for 5 injections of uracil at a concentration of 20 ng on column.