

Application note # QAN-0054

PARAMETERS

NQAD

GAS: Air
 FILTER: 1.3 sec
 GAIN: 200x and 1Kx
 Offset: 0 and -50
 EVAPORATION TEMP: 35C

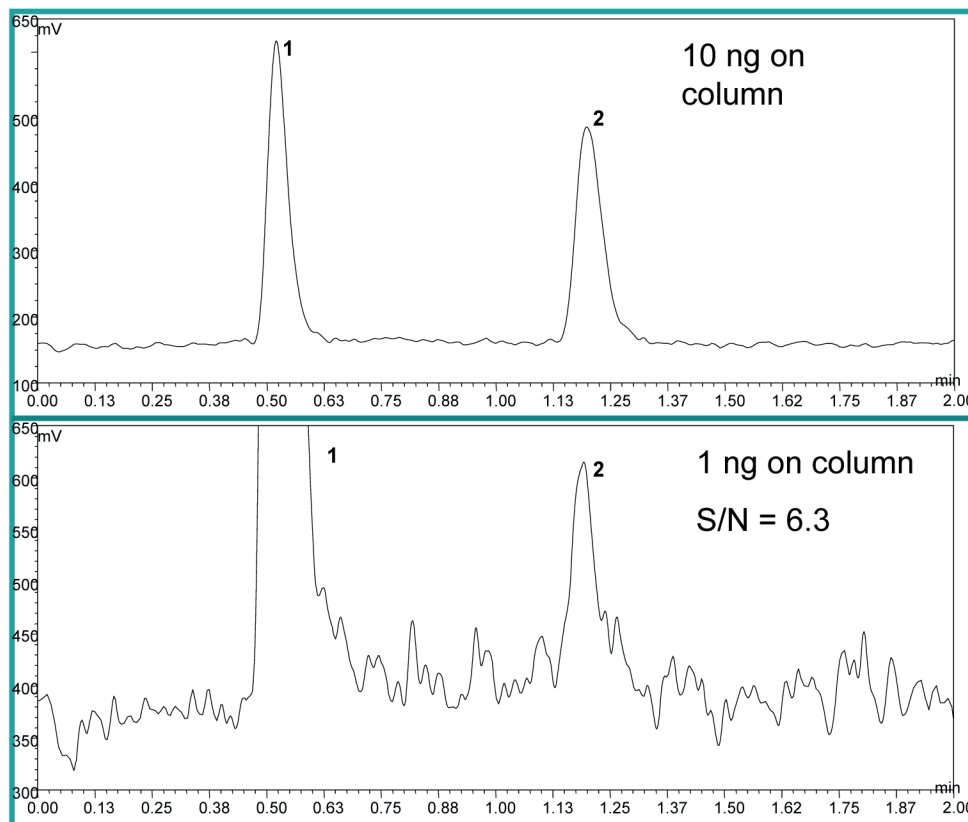
HPLC

MOBILE PHASE: 50:50 MeOH:Water with 5 mM HFBA premixed
 FLOW RATE: 0.25 mL/min
 COLUMN: Vision C18 HT, 1.5 um, 2 x 50 mm
 COLUMN TEMP: Ambient
 INJECTION VOLUME : 1 µL
 ANALYTE: Naringen



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CHROMATOGRAMS



1= Injection Artifact, 2 = Naringin

NQAD technology is highly sensitive, even for common food and drug analytes. While it is important to have a clean HPLC system, clean solvents, and columns with low bleed to achieve optimal sensitivity, excellent sensitivity can be achieved routinely. The above chromatogram demonstrates 1 ng sensitivity for Naringen, a common food and drug analyte.