

USER CONTROLLED EVAPORATION TEMPERATURES ON THE NQAD ALLOW THE USER TO MAXIMIZE SEMI VOLATILE DETECTION

Application note # QAN-0033

PARAMETERS

NQAD

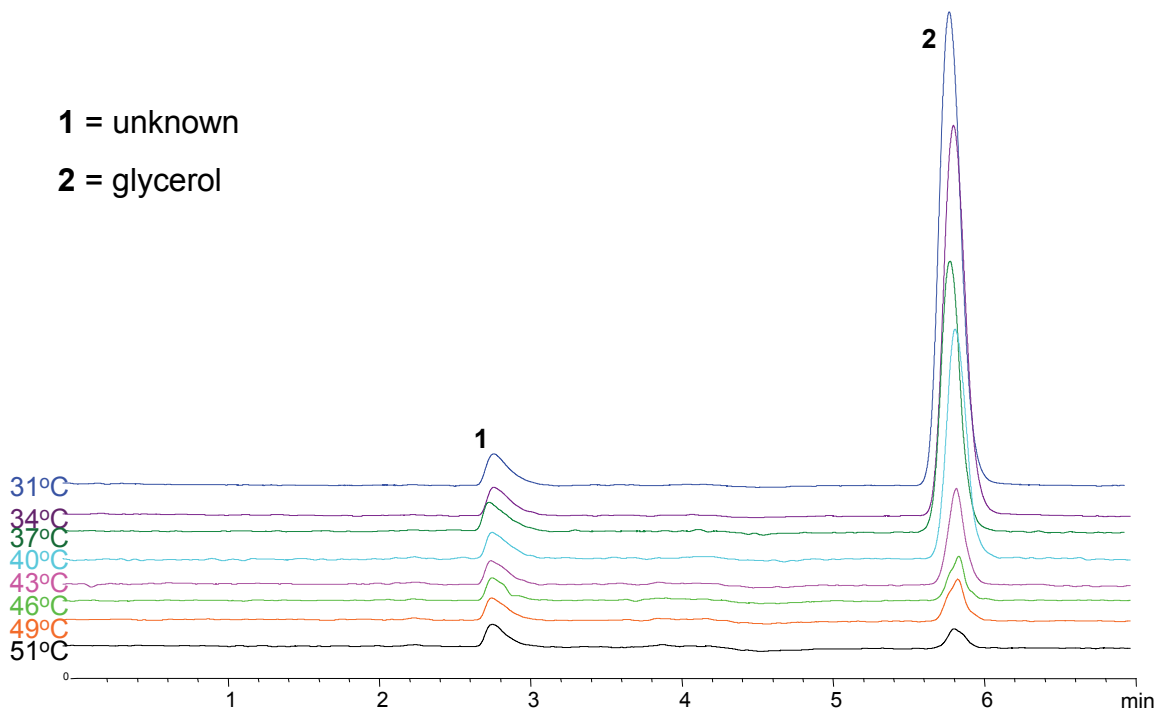
GAS: Air
FILTER: 5 sec
GAIN: 20x

HPLC

MOBILE PHASE: 20:80 0.04% Ammonium hydroxide:ACN
FLOW RATE: 1 mL/min
COLUMN: Prevail Carbohydrate Es 5 u, 250 x 4.6 mm
COLUMN TEMP: Ambient
INJECTION VOLUME :10 uL
ANALYTE: Glycerol

CHROMATOGRAMS

1 = unknown
2 = glycerol



All aerosol based detectors involve an evaporation step in which semi volatiles may evaporate. NQAD technology allows the user to program the evaporator temperature to minimize evaporation and maximize the signal of semi volatiles.

