



DETECT EXCIPIENTS THAT DO NOT CONTAIN A CHROMOPHORE WITHOUT DERIVATIZATION WITH NQAD TECHNOLOGY

Application note # QAN-0039

PARAMETERS

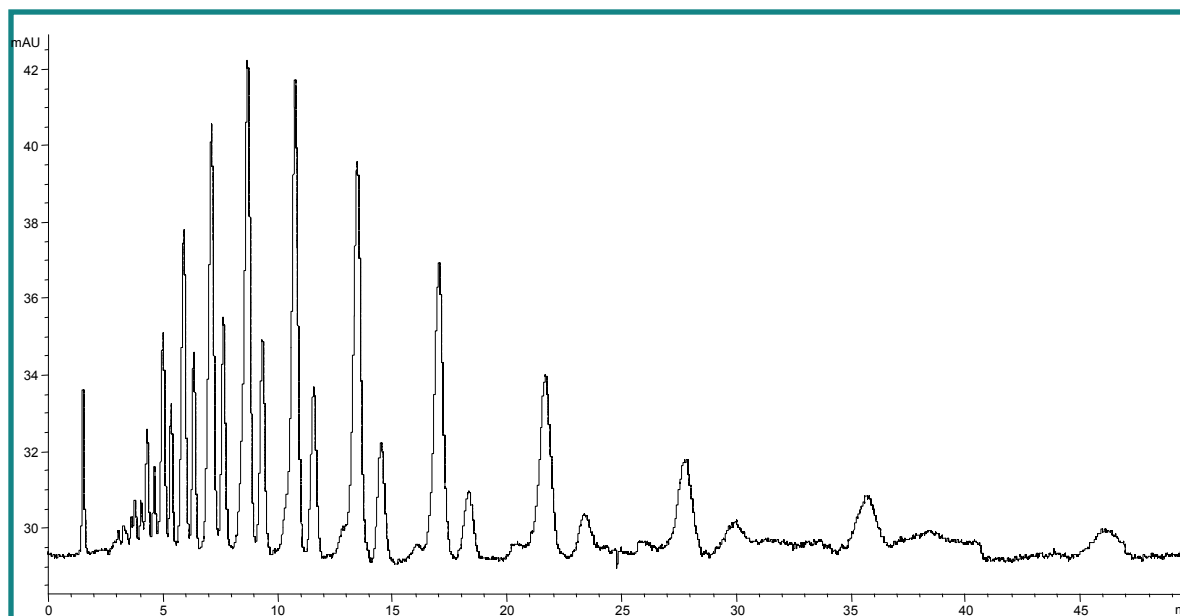
NQAD

GAS: Air
FILTER: 5
GAIN: 10x
EVAPORATION TEMP: 35°C

HPLC

MOBILE PHASE: 30:70
methanol:water
FLOW RATE: 0.5 mL/min
COLUMN: Alltima C18, 3 μ M, 100 x
4.6 mm
COLUMN TEMP: Ambient
INJECTION VOLUME :10 μ L
ANALYTE: TWEEN 20, 1:50 (V/V)

CHROMATOGRAM



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Because NQAD technology does not require a chromophore for detection, common excipients such as tweens can be easily detected without derivatization. The above chromatogram demonstrates the separation of tween 20, an excipient that does not contain a chromophore.