



# NQAD/UV/CAD Theophylline

Application note # QAN-0032

## PARAMETERS

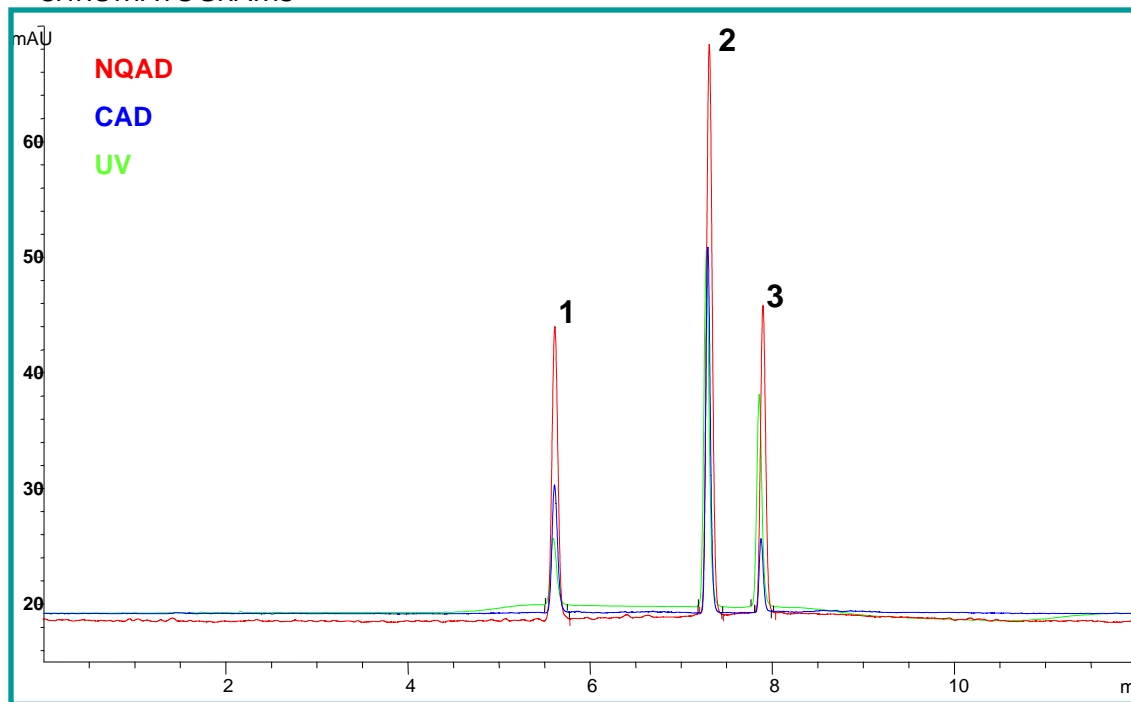
DETECTION		
<b>NQAD</b> GAS: Air FILTER: 5 sec GAIN: 10x EVAP TEMP: OFF	<b>UV</b> 254 nm	<b>CAD</b> GAS: Nitrogen FILTER: none RANGE 100 pA

HPLC		
Time (min)	Acetate Buffer (%)	MeOH (%)
0.0	90	10
2.0	90	10
6.0	50	50
8.0	90	10

FLOW RATE: 1.0 mL/min  
COLUMN: Eclipse plus C18, 150 x 4.6 mm  
COLUMN TEMP: Ambient  
INJECTION VOLUME :10 uL

## CHROMATOGRAMS



1 = 100 ng saccharin 2 = 50 ng theophylline, 3 = 100 ng caffeine

Note: This experiment was done at Quant Technologies using a single CAD and may not be representative of all CAD detectors.



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