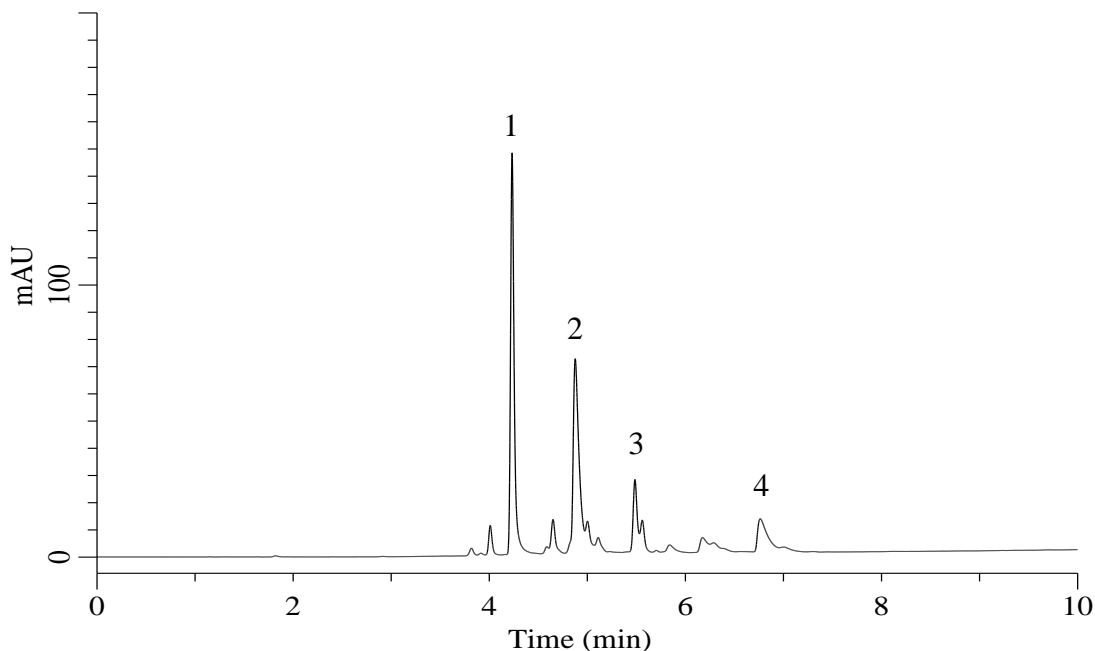


Analysis of Nicotinamide adenine dinucleotide and Nicotinamide adenine dinucleotide phosphate (NAD⁺, NADH, NADP⁺, NADPH)



Conditions

Column : InertSustain AX-C18 (GL Sciences Inc.)
 (3 μ m, 150 x 2.1 mm I.D., Metal-free hardware)
Column Cat. No. : 5020-91059
Eluent : A) 10 mM HCOONH₄ in
 (CH₃CN/H₂O = 50/50, v/v)
 B) 10 mM HCOONH₄ in H₂O

Time (min)	A (vol%)	B (vol%)
0.0	2	98
10.0	80	20

Flow Rate : 0.3 mL/min
Col. Temp. : 40 °C
Detection : UV 254 nm
Injection Vol. : 1 μ L
Sample : Standard

Analyte:

1. NAD⁺ (Oxidized form of Nicotinamide Adenine Dinucleotide)
2. NADH (Reduced form of Nicotinamide Adenine Dinucleotide)
3. NADP⁺ (Oxidized form of Nicotinamide Adenine Dinucleotide Phosphate)
4. NADPH (Reduced form of Nicotinamide Adenine Dinucleotide Phosphate)
 (100 mg/L each)