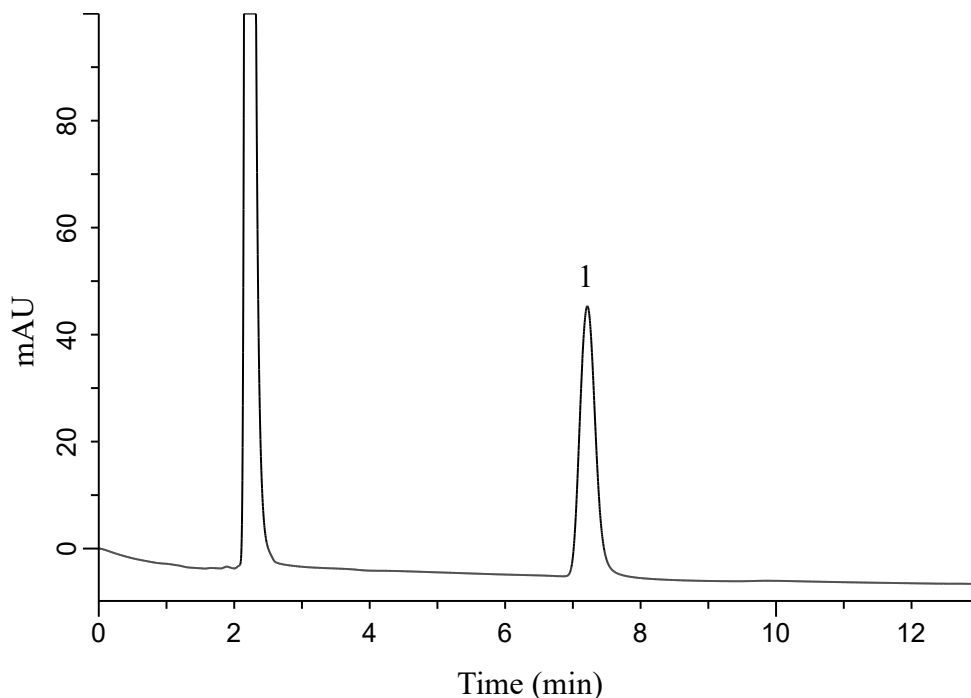


Analysis of 3-Nitrooxypropanol (3-NOP)



Conditions

System : Primaide (HITACHI)
Column : InertSustaiion C18 (GL Sciences Inc.)
 (3 μ m, 150 x 3.0 mm I.D.)
Column Cat. No. : 5020-07425
Eluent : A) 0.1% $\text{CH}_4\text{O}_3\text{S}$ in H_2O
 B) 0.1% $\text{CH}_4\text{O}_3\text{S}$ in CH_3OH

Analyte :
 1. 3-Nitrooxypropanol (50 mg/L)

Time (min)	A(vol%)	B(vol%)
0	92	8
9	92	8
9.1	20	80
15.1	20	80
15.2	92	8
20.2	92	8

Flow Rate : 0.4 mL/min
Col. Temp. : 40 $^{\circ}\text{C}$
Detection : UV 210 nm (Primaide 1410 UV)
Injection Vol. : 5 μL
Sample : Standard in $\text{CH}_3\text{CN}/\text{H}_2\text{O}/\text{HCOOH}$ = 180/20/1, v/v/v