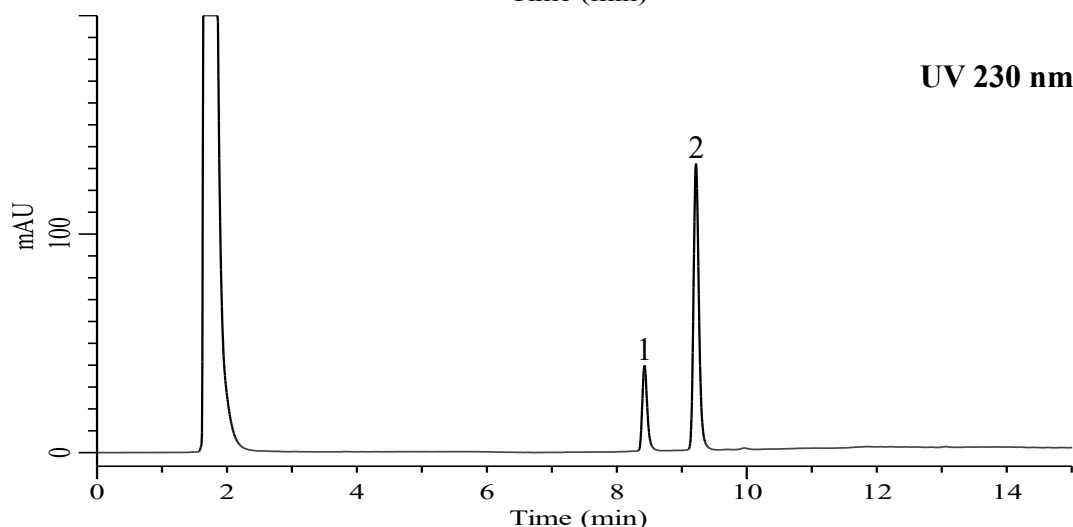
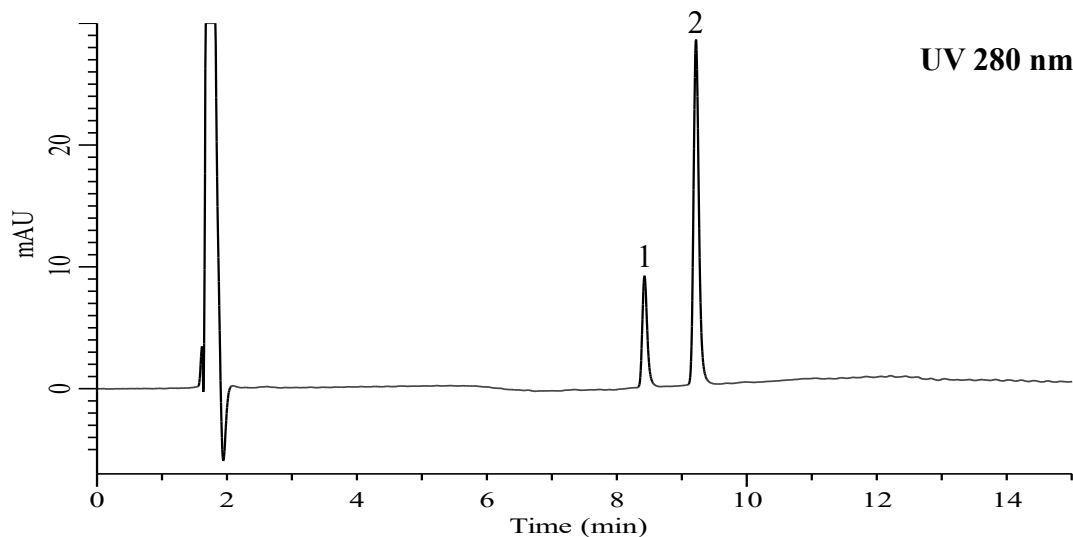


Analysis of Semaglutide and Tirzepatide



Conditions

System : Chromaster PLUS (HITACHI)
Column : InertSustainSwift C18 (GL Sciences Inc.)
 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-88026
Eluent : A) 1% H_3PO_4 in CH_3CN
 B) 1% H_3PO_4 in H_2O

Analyte:

1. Semaglutide 0.1 mg/mL
 2. Tirzepatide 0.1 mg/mL

Time(min)	A(%)	B(%)
0.0	40	60
3.0	40	60
10.0	70	30
15.0	70	30

Flow Rate : 1.0 mL/min
Col. Temp. : 40 $^{\circ}\text{C}$
Detection : UV 280, 230 nm (Chomaster 5430 DAD)
Injection Vol. : 10 μ L
Sample : Standard in $\text{CH}_3\text{CN}/\text{H}_2\text{O}$ = 50/50, v/v