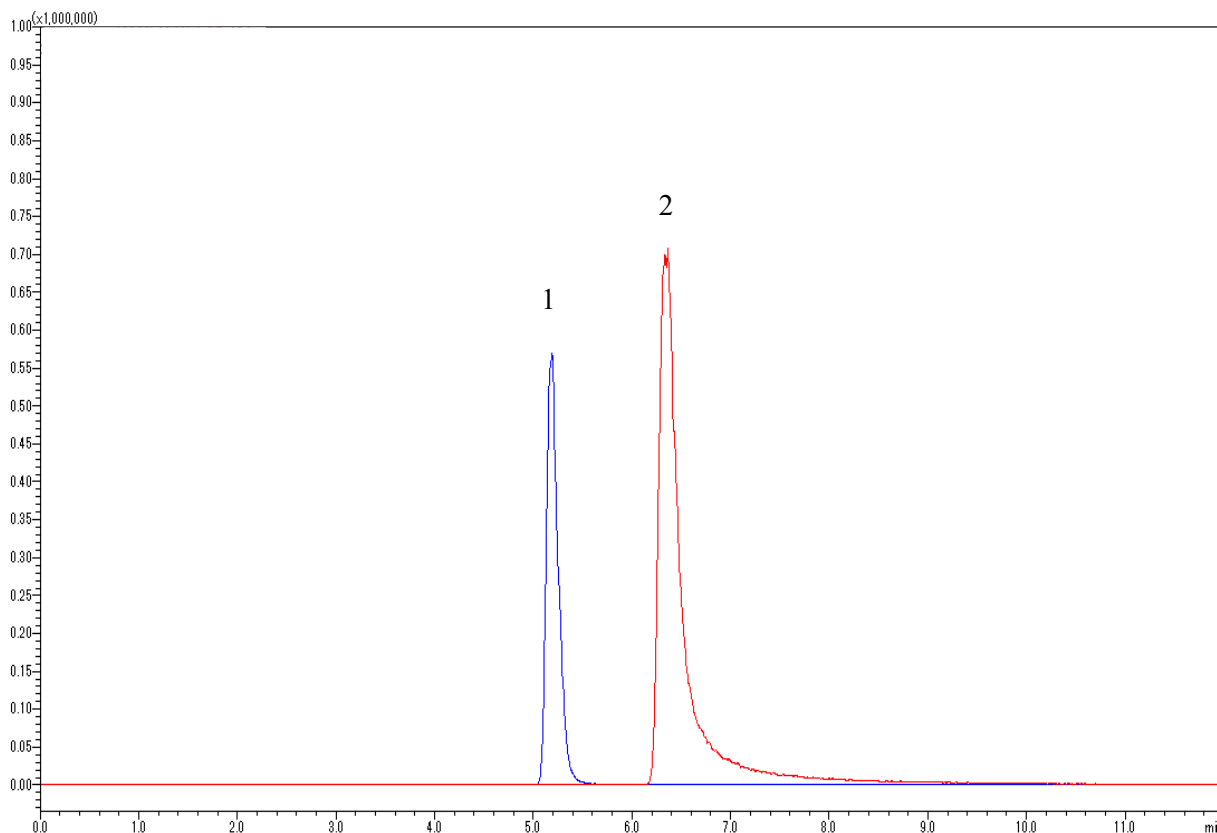


Analysis of Glufosinate and Glyphosate



Conditions

Column : Inertsil Hybrid-Z HILIC
(1.7 μm , 150 $\times$ 2.1 mm I.D, Metal free hardware)
Column Cat. No. : 5020-76224
Eluent : A) 50 mM NH_3 in ($\text{CH}_3\text{CN}/\text{H}_2\text{O}$ =95/5, v/v)
 B) 50 mM NH_3 + 10mM HCOONH_4 in H_2O

Analyte

1. Glufosinate Q1 / Q3 186.0 / 136.0
 2. Glyphosate 168.0 / 63.0
 (1 $\mu\text{g}/\text{mL}$ of each)

Time (min)	A (Vol. %)	B (Vol. %)
0	85	15
10	60	40
12	60	40

Flow Rate : 0.3 mL/min
Col. Temp. : 40 $^{\circ}\text{C}$
Detection : MS/MS (ESI, Negative, MRM)
Injection Vol. : 10 μL