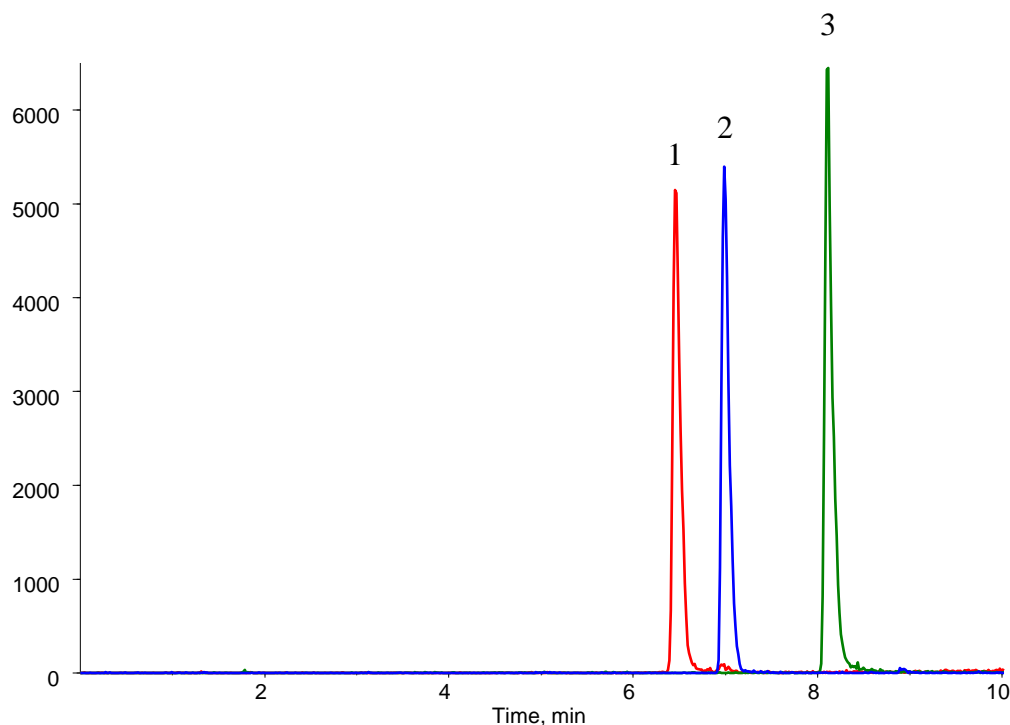


Analysis of Glyphosate, Glufosinate and AMPA derivatized with 9-Fluorenylmethyl Chloroformate (FMOC)


Conditions

System : LC800 HPLC System
Column : InertSustain C18
 (3 μ m, 150 x 2.1 mm I.D., Metal-free hardware)
Column Cat. No. : 5020-00541
Eluent : A) CH₃CN
 B) 5 mM CH₃COONH₄ in H₂O

Analyte:

1. FMOC-Glyphosate
 2. FMOC-Glufosinate
 3. FMOC-AMPA

Q1	Q3
390	168
402	180
332	110
(2 μ g/L each)	

Time (min)	A (vol%)	B (vol%)
0.00	5	95
9.30	63	37
13.00	95	5
13.01	5	95
18.00	5	95

Flow Rate : 0.25 mL/min
Col. Temp. : 40 °C
Detection : LC/MS/MS (4000 QTRAP® ESI, Negative, MRM)
Injection Vol. : 10 μ L
Sample : Standard