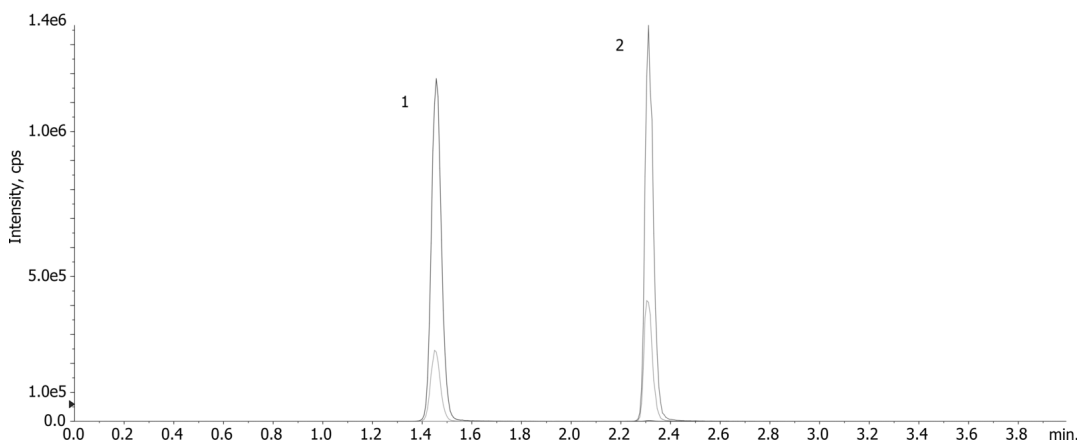


FMOC derivatized glyphosate on a Gemini 3 μ m NX-C18**Column:** Gemini® 3 μ m NX-C18 110 Å, LC Column 50 x 2 mm, Ea**Dimensions:** 50 x 2 mm ID**Order No:** 00B-4453-B0**Elution Type:** Gradient**Eluent A:** 5 mM Ammonium bicarbonate pH 9**Eluent B:** ACN/Methanol (50:50)

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20
	2	4	10	90
	3	4.1	80	20
	4	7	80	20

Flow Rate: 0.4 mL/min**Col. Temp.:** ambient**Detection:** Electrospray Mass Spec (ESMS) @ 0.0000000000 (ambient)**Analyst Note:** Derivatization protocol: In a 2 mL vial, spike 50 μ L of 10 μ g/mL Glyphosate and AMPA standards into 1 mL of 0.4 M borate buffer. Add 200 μ L of 2 mg/mL FMOC in acetone (make fresh daily) and vortex.
22749**Products used in this application:****ANALYTES:****1** Glyphosate

Retention Time: 1.44 min

2 2-Aminoethylphosphonic acid (AMPA)

Retention Time: 2.32 min

