

HPLC Application

ID No.: 22767

Underivatized glyphosate on a Luna 3 μ m NH2

Column: Luna[®] 3 μ m NH2 100 \AA , LC Column 50 x 2 mm, Ea

Dimensions: 50 x 2 mm ID

Order No: 00B-4377-B0

Elution Type: Gradient

Eluent A: 10 mM Ammonium bicarbonate pH 10

Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	20	80
	2	5	90	10
	3	5.1	20	80
	4	8	20	80

Flow Rate: 0.4 mL/min

Col. Temp.: ambient

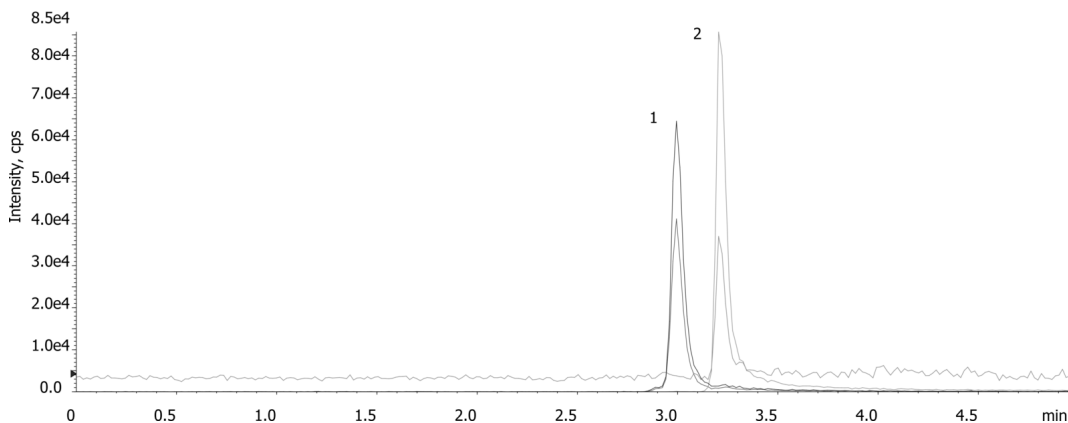
Detection: Tandem Mass Spec (MS-MS) @ (ambient)

Detector Info: API 5000

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Products used in this application:



ANALYTES:

1 Glyphosate

Retention Time: 3 min

2 2-Aminoethylphosphonic acid (AMPA)

Retention Time: 3.25 min

