

Food - Quantification of the masked mycotoxin DON-3-glucoside in cereal-based foods by LC/MS/MS

Column: Kinetex® 2.6 µm C18 100 Å, LC Column 150 x 2.1 mm, Ea

Dimensions: 150 x 2.1 mm ID

Order No: 00F-4462-AN

Elution Type: Gradient

Eluent A: Water with 0.5% Acetic acid

Eluent B: Methanol with 0.5% Acetic acid

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	3	90	10
	3	21	60	40
	4	27	40	60
	5	30	90	10
	6	35	90	10

Flow Rate: 200 µL/min

Col. Temp.: 30 °C

Detection: Tandem Mass Spec (MS-MS) @ (300 °C)

Detector Info: Thermo Scientific linear ion trap LXQ

Analyst Note: Michele Suman

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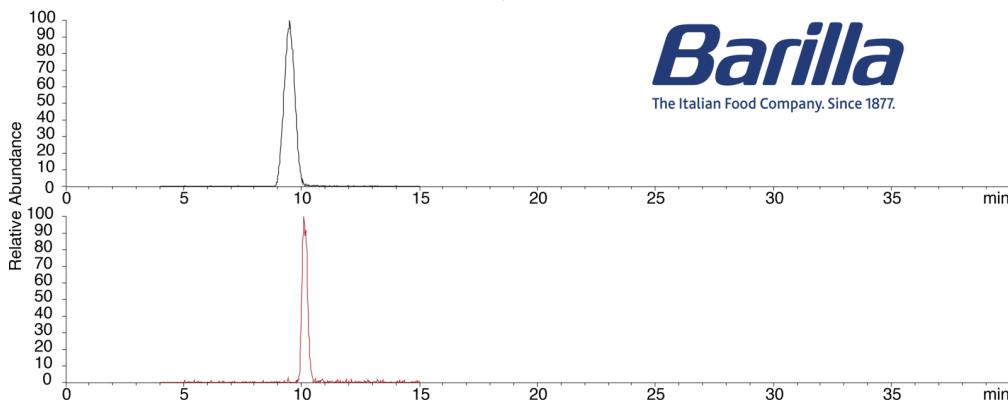
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Chromatograms (SRM) of deoxynivalenol – DON (9.50 min) and deoxynivalenol-3-glucoside - DON-3G (10.1 min) from a naturally contaminated bread extract

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ANALYTES:

1 Deoxynivalenol

Retention Time: 9.5 min

2 Deoxynivalenol-3-O-glucoside

Retention Time: 10.1 min



Products used in this application:

