## **HPLC Application**

ID No.: 20927



Kinetex<sup>®</sup>

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

Kinetex® 2.6  $\mu m$  C18 100 Å, LC Column 150 x 2.1 mm, Ea

**Dimensions:** 150 x 2.1 mm ID 00F-4462-AN Order No: **Elution Type:** Gradient

Eluent A: Water with 0.5% Acetic acid Methanol with 0.5% Acetic acid Eluent B:

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

Products used in this application:

Flow Rate: 200 Col. Temp.: 30 °C

**Detection:** Electrospray Mass Spec (ESMS) @ 0.000000000 (300 °C)

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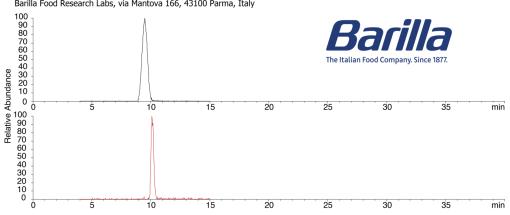
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Chromatograms (SRM) of deoxynivalenol - DON (9.50 min) and deoxynivalenol-3-glucoside - DON-3G (10.1 min) from a naturally

## **ANALYTES:**

Deoxynivalenol Retention Time: 9.5 min

2 Deoxynivalenol-3-O-glucoside

Retention Time: 10.1 min

