Mycotoxins by LC-MS/MS

ACE®
Ultra-inert
UHPLC & HPLC Columns

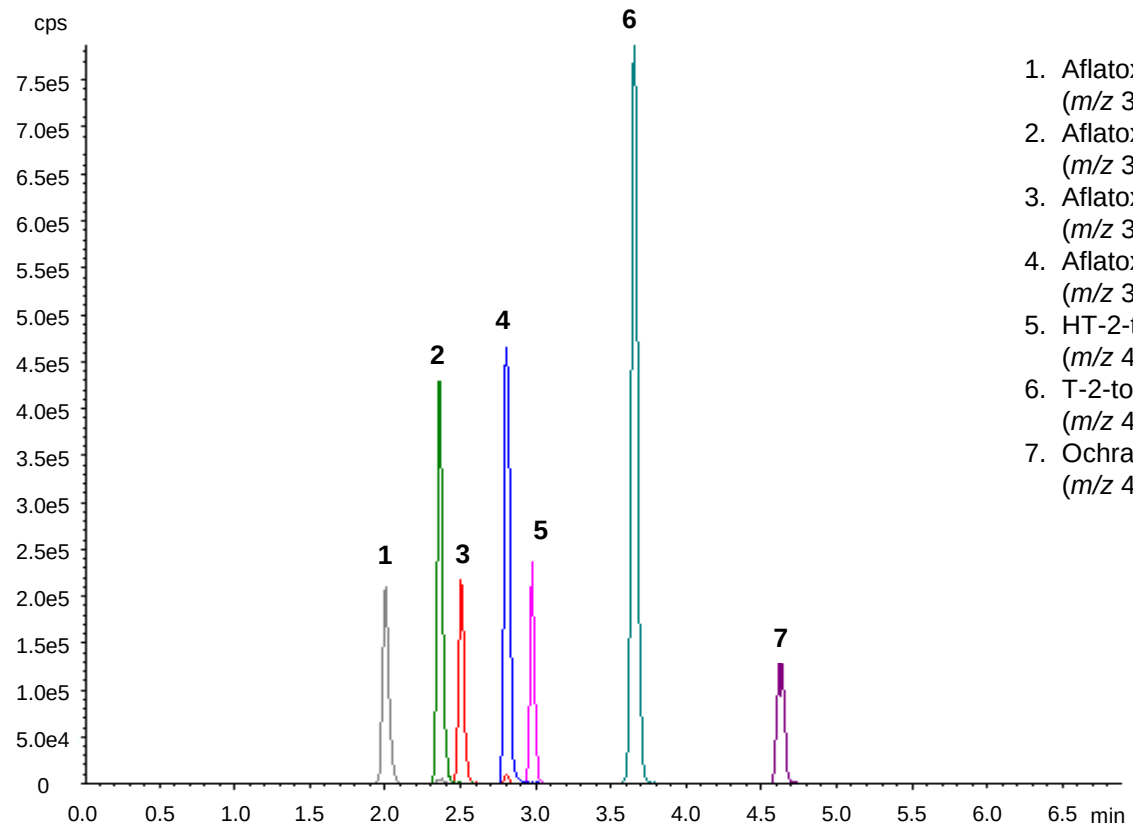
Application #AN2330

Conditions

Column:	ACE Excel 2 C18-AR
Dimensions:	50 x 2.1 mm
Part Number:	EXL-109-0502U
Mobile Phase:	A: 1 mM ammonium acetate, 0.5% acetic acid in H_2O
	B: 1 mM ammonium acetate, 0.5% acetic acid in 95% MeOH

Time (mins)	%B
0.0	40
1.0	40
2.4	60
6.8	87

Flow Rate:	0.6 mL/min
Injection:	2 µL
Temperature:	40 °C
Detection:	AB SCIEX triple quad 5500
	Positive ESI mode
	Source temperature: 500 °C
	IonSpray voltage: 5500 V



1. Aflatoxin G2 (*m/z* 331.1 → 313.1)
2. Aflatoxin G1 (*m/z* 329.0 → 243.1)
3. Aflatoxin B2 (*m/z* 315.1 → 287.0)
4. Aflatoxin B1 (*m/z* 313.1 → 285.0)
5. HT-2-toxin (*m/z* 442.2 → 263.1)
6. T-2-toxin (*m/z* 484.2 → 305.1)
7. Ochratoxin A (*m/z* 404.1 → 239.0)

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