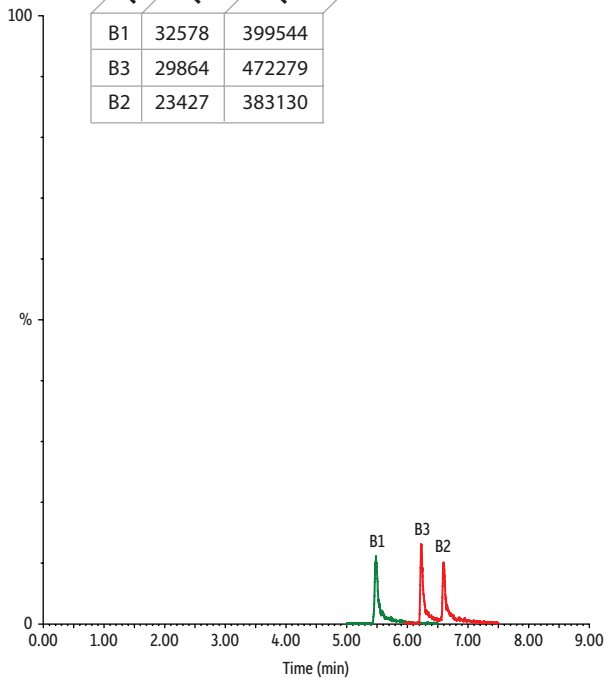
Comparison of Fumonisin B Compounds on Raptor Inert Biphenyl and Raptor Biphenyl

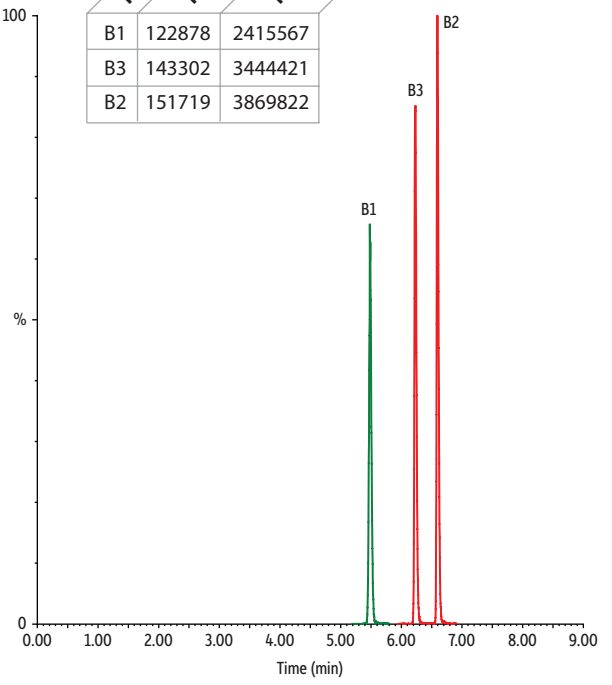
Raptor Biphenyl

Fumonisins	Peak Area	Peak Height
B1	32578	399544
B3	29864	472279
B2	23427	383130



Raptor Inert Biphenyl

Fumonisins	Peak Area	Peak Height
B1	122878	2415567
B3	143302	3444421
B2	151719	3869822



LC_FS0554

Peaks	Raptor Inert Biphenyl t_R (min)	Raptor Biphenyl t_R (min)	Precursor Ion	Product Ion
1. Fumonisin B1	5.48	5.48	722.5	352.3
2. Fumonisin B3	6.23	6.23	706.4	336.2
3. Fumonisin B2	6.59	6.60	706.4	336.2

Column See notes.
Dimensions: 100 mm x 2.1 mm ID
Particle Size: 2.7 µm
Pore Size: 90 Å
Temp.: 60 °C
Standard/Sample
Diluent: 50:50 Water:methanol
Conc.: 10 ng/mL
Inj. Vol.: 5 µL
Mobile Phase
A: Water, 0.05% formic acid
B: Methanol, 0.05% formic acid

Time (min)	Flow (mL/min)	%A	%B
0.00	0.4	75	25
5.00	0.4	50	50
9.00	0.4	0	100
9.01	0.4	75	25
11.0	0.4	75	25

Max Pressure: 440 bar

Detector Waters Xevo TQ-S
Ion Mode: ESI+
Mode: MRM
Instrument Waters ACQUITY UPLC I-Class
Notes Y-axes are shown at the same scale.
Columns are:
• Raptor Inert Biphenyl (cat.# 9309A12-T)
• Raptor Biphenyl (cat.# 9309A12)