

THC + Metabolites in Urine on Raptor™ Biphenyl by LC-MS/MS

Peaks	tr (min)	Q1	Q3 Quantifier	Q3 Qualifier
1. THC-OH-d3 (IS)	1.94	334.35	196.26	—
2. THC-OH	1.94	331.32	193.18	105.11
3. THC-COOH-d3 (IS)	2.09	348.35	196.24	—
4. THC-COOH	2.09	345.36	193.18	119.16
5. Δ9-THC-d3 (IS)	2.32	318.42	196.25	—
6. Δ9-THC	2.33	315.32	193.18	135.16

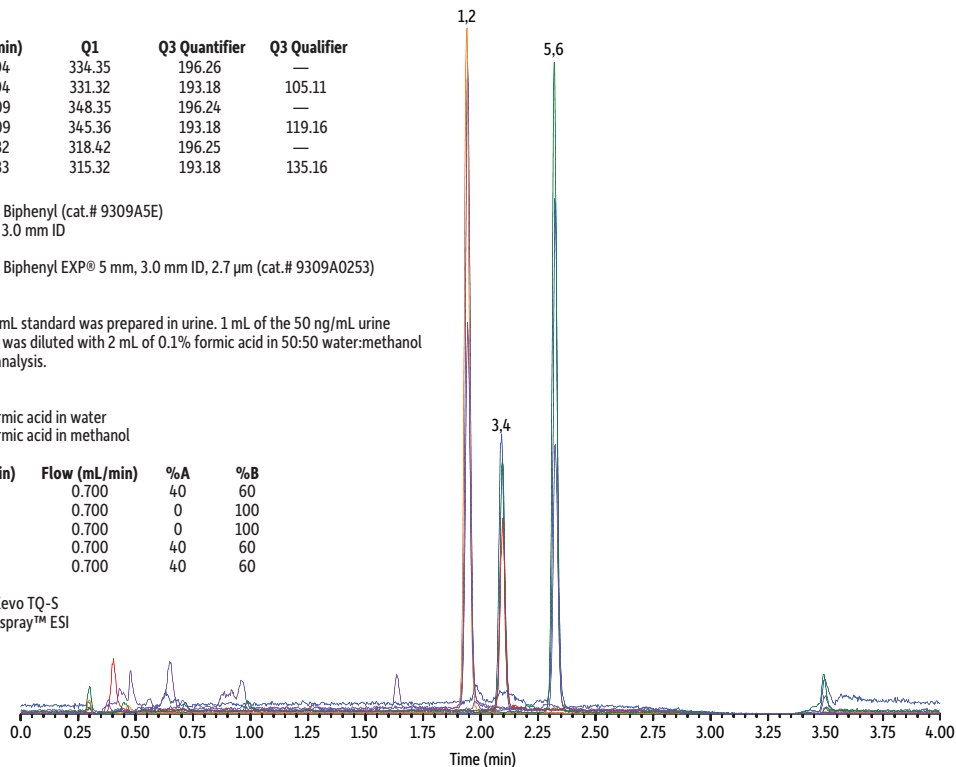
Column Raptor™ Biphenyl (cat.# 9309A5E)
Dimensions: 50 mm x 3.0 mm ID
Particle Size: 2.7 µm
Guard Column: Raptor™ Biphenyl EXP® 5 mm, 3.0 mm ID, 2.7 µm (cat.# 9309A0253)
Temp.: 40 °C
Sample Custom
Conc.: A 50 ng/mL standard was prepared in urine. 1 mL of the 50 ng/mL urine standard was diluted with 2 mL of 0.1% formic acid in 50:50 water:methanol prior to analysis.
Inj. Vol.: 2 µL

Mobile Phase

A: 0.1% Formic acid in water
B: 0.1% Formic acid in methanol

Time (min)	Flow (mL/min)	%A	%B
0.00	0.700	40	60
2.5	0.700	0	100
3.0	0.700	0	100
3.01	0.700	40	60
4.0	0.700	40	60

Detector Waters Xevo TQ-S
Ion Source: Waters Zspray™ ESI
Ion Mode: ESI+
Instrument Waters



LC_CF0583