

Drugs of Abuse on Raptor™ Biphenyl by LC-MS/MS

Peaks	tr (min)	Precursor Ion	Product Ion 1	Product Ion 2
1. Morphine	0.66	286.2	152.3	165.3
2. Amphetamine	0.78	136.0	119.1	91.0
3. Methamphetamine	0.93	150.0	91.2	119.3
4. Codeine	1.00	300.2	165.2	152.2
5. 6-MAM	1.01	328.1	165.1	211.1
6. MDMA	1.06	194.1	163.1	105.1
7. Benzoylcegonine	1.33	290.1	168.1	105.1
8. Cocaine	1.39	304.2	182.1	82.1
9. Cocaethylene	1.49	318.2	196.2	82.2
10. PCP	1.64	244.2	86.1	159.2

Column Raptor™ Biphenyl (cat.# 9309552)

Dimensions: 50 mm x 2.1 mm ID

Particle Size: 5 µm

Pore Size: 90 Å

Temp.: 30 °C

Sample

Diluent: Water

Conc.: 5 ng/mL

Inj. Vol.: 10 µL

Mobile Phase

A: Water + 0.1% formic acid

B: Methanol + 0.1% formic acid

Time (min)	Flow (mL/min)	%A	%B
0.00	0.8	90	10
2.00	0.8	0	100
2.01	0.8	90	10
3.50	0.8	90	10

Detector MS/MS

Ion Mode: ESI+

Instrument HPLC

