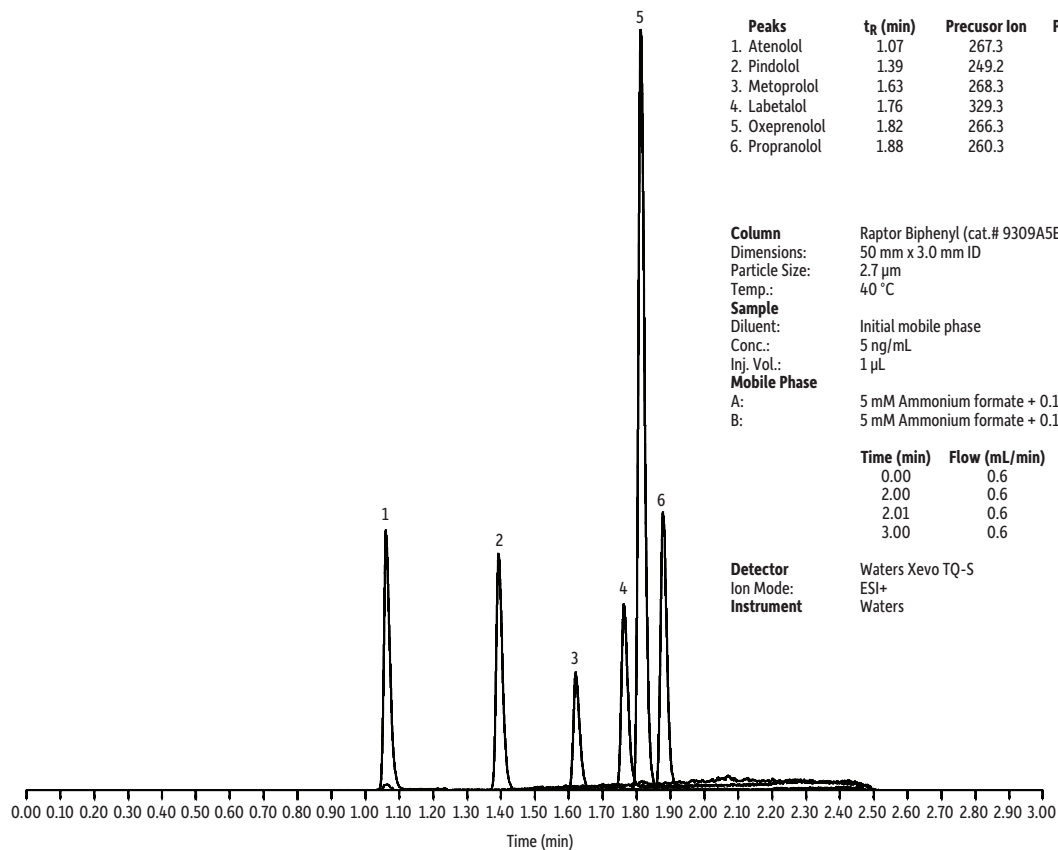


# Beta Blockers on Raptor Biphenyl



Peaks	t <sub>R</sub> (min)	Precursor Ion	Product Ion
1. Atenolol	1.07	267.3	145.1
2. Pindolol	1.39	249.2	116.1
3. Metoprolol	1.63	268.3	116.1
4. Labetalol	1.76	329.3	162.1
5. Oxeprenolol	1.82	266.3	72.1
6. Propranolol	1.88	260.3	116.1

**Column** Raptor Biphenyl (cat.# 9309A5E)  
**Dimensions:** 50 mm x 3.0 mm ID  
**Particle Size:** 2.7 µm  
**Temp.:** 40 °C

**Sample**  
**Diluent:** Initial mobile phase  
**Conc.:** 5 ng/mL  
**Inj. Vol.:** 1 µL

**Mobile Phase**  
**A:** 5 mM Ammonium formate + 0.1% formic acid in water  
**B:** 5 mM Ammonium formate + 0.1% formic acid in methanol

Time (min)	Flow (mL/min)	%A	%B
0.00	0.6	95	5
2.00	0.6	5	95
2.01	0.6	95	5
3.00	0.6	95	5

**Detector** Waters Xevo TQ-S  
**Ion Mode:** ESI+  
**Instrument** Waters

LC\_GN0550