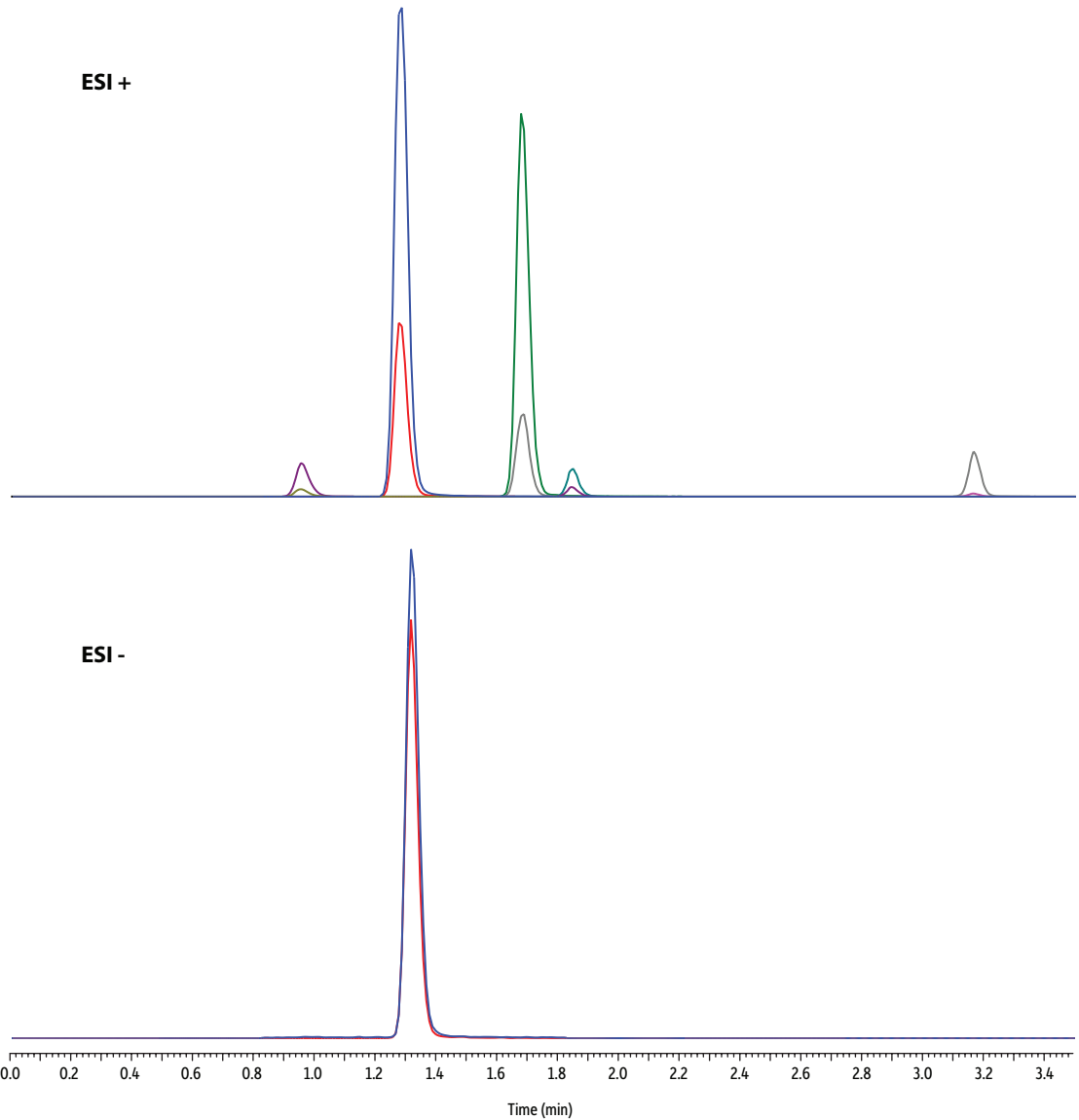


# Cardiac Drugs on Force Biphenyl by LC-MS/MS



LC\_CF0675

**Column** Force Biphenyl (cat.# 9629252)  
**Dimensions:** 50 mm x 2.1 mm ID  
**Particle Size:** 1.8 µm  
**Temp.:** 40 °C  
**Sample**  
**Diluent:** Water:acetonitrile (90:10)  
**Conc.:** 100 ng/mL  
**Inj. Vol.:** 2 µL

Peaks	tR (min)	Precursor Ion	Product Ion	Product Ion	Polarity
1. Digoxin	0.95	798.4	651.4	355.1	+
2. Flecainide	1.28	415.3	397.9	300.9	+
3. Furosemide	1.32	329.0	205.2	285.1	-
4. Verapamil	1.68	455.1	165.2	150.0	+
5. Digitoxin	1.85	782.4	635.2	243.1	+
6. Amiodarone	3.17	646.1	58.1	86.2	+

**Mobile Phase**  
**A:** Water + 5 mM ammonium formate + 0.1% formic acid  
**B:** Acetonitrile + 0.1% formic acid

Time (min)	Flow (mL/min)	%A	%B
0.00	0.3	60	40
3.50	0.3	5	95
3.51	0.3	60	40
5.5	0.3	60	40

**Detector** MS/MS  
**Ion Mode:** ESI+/ESI-  
**Mode:** Scheduled MRM  
**Instrument** UHPLC