

LC - Instrument Parameters AbsoluteIDQ® p180 Kit (Biocrates Life Science AG, Innsbruck, Austria)

System:

UPLC (Waters Acquity, Waters Corporation, Milford, USA)

Column:

Agilent, Zorbax Eclipse XDB C18, 3.0 x 100 mm, 3.5 µM, Agilent Waldbronn, Germany

Precolumn:

Security Guard, Phenomenex, C18, 4 x 3 mm; Phenomenex, Aschaffenburg, Germany

Materials:

Water MiliQ,

Methanol (Merck KGaA, Darmstadt, Germany, hypergrade for LC-MS)

Acetonitril (Merck KGaA, Darmstadt, Germany hypergrade for LC-MS)

Ammonium Acetate (Honeywell - Fluka, Seelze, Germany)

Formic Acid (Honeywell, Fluka, Seelze, Germany)

Running Solvent: 5mM ammonium acetat in methanol

LC: A: 2mL Formic acid in MilliQ water

B: 1mL Formic Acid in Acetonitrile

Gradient Table LC

Time (min)	Flow Rate (mL/min)	%A	%B	Curve
Initial	0.500	100.0	0.0	Initial
0.50	0.500	100.0	0.0	6
4.00	0.500	30.0	70.0	6
5.30	0.500	30.0	70.0	6
5.40	0.500	100.0	0.0	6
7.30	0.500	100.0	0.0	6