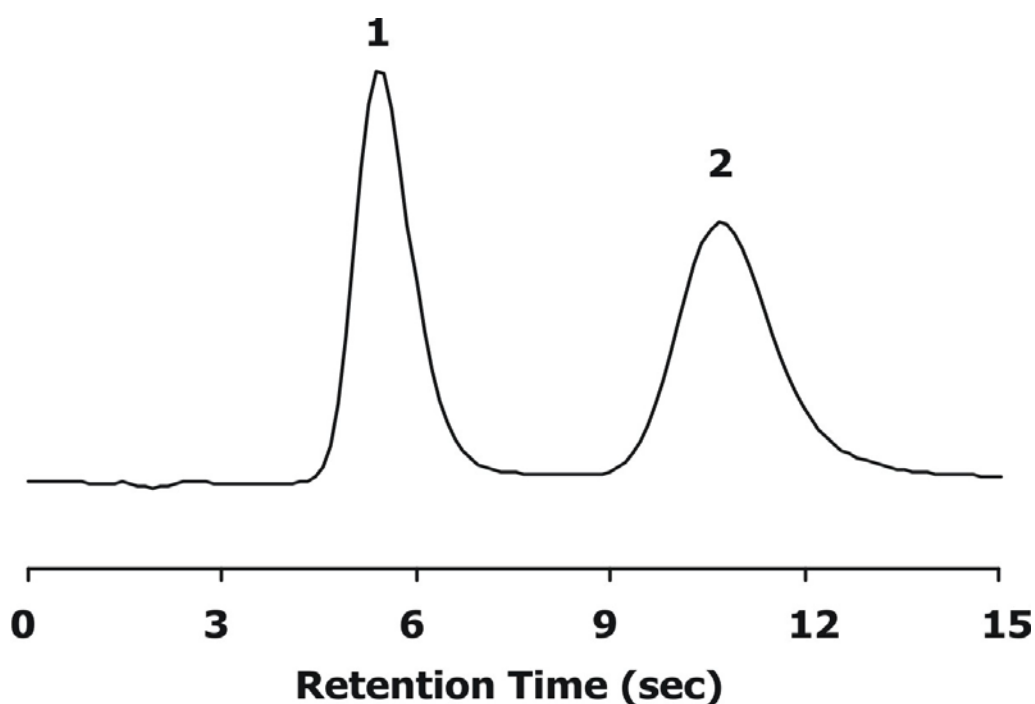


ZIC®-HILIC Separation of AMP and ATP**Chromatographic Conditions**

Column: ZIC®-HILIC, PEEK 20 x 2.1 mm, 3.5 µm, 100 Å (P/N 2701-022)
Injection: 750 nL in mobile phase
Detection: UV @ 254 nm (UFS 1.0 V)
Pressure Drop: 13.1 MPa (1886 psi)
Flow Rate: 2.0 mL/min
Mobile Phase (v/v): 70%, Acetonitrile
30%, Ammonium Acetate 100 mM; pH 4.5 (total ionic strength 30 mM)

**Chromatographic Data**

No.	Compound		Time (sec)	Retention factor
1	t ₀	void volume	1.2	-
2	AMP	Adenosine monophosphate	5.4	3.5
3	ATP	Adenosine triphosphate	10.7	7.9