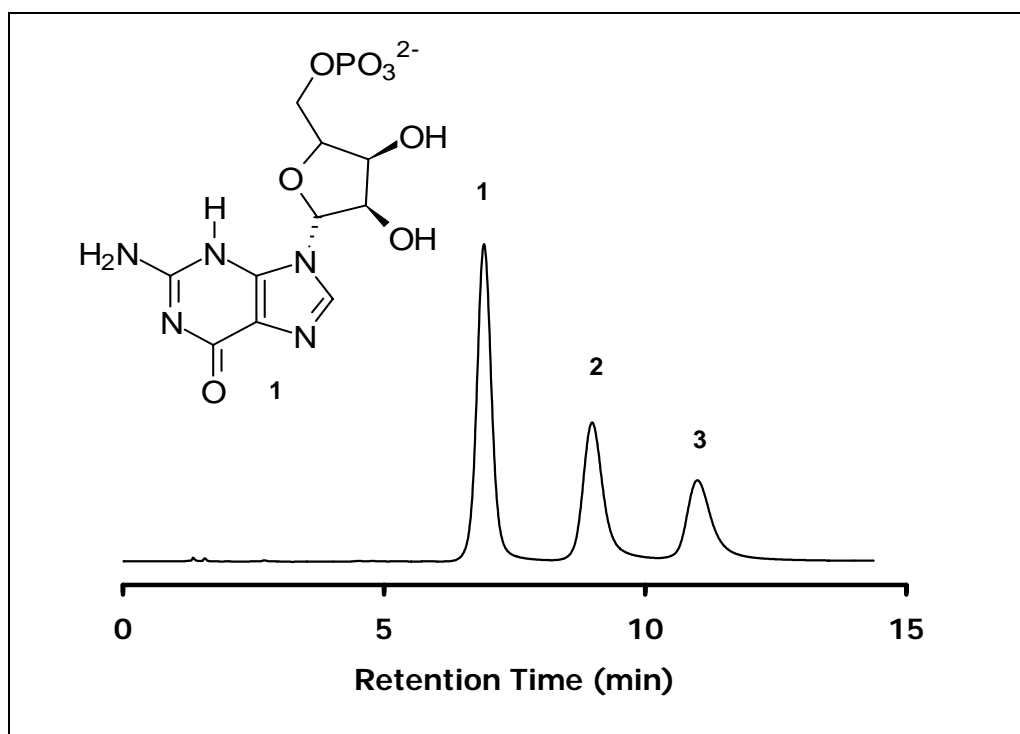


ZIC®-HILIC Separation of GMP, GDP and GTP

Chromatographic Conditions

Column: ZIC®-HILIC, PEEK 100 x 4.6 mm, 5 µm, 200 Å (P/N 2712-105)
 Injection: 5 µL in mobile phase
 Detection: UV @ 259 nm
 Flow Rate: 0.7 mL/min
 Mobile Phase (v/v): 70%, Acetonitrile
 30%, Ammonium Acetate 100 mM, pH 5.35
 (total ionic strength 30 mM)



Chromatographic Data

No.	Compound		Time (min)	Retention factor
	t_0	void volume	1.4	-
1	GMP	Guanosine-monophosphate	6.9	3.9
2	GDP	Guanosine - diphosphate	9.0	5.4
3	GTP	Guanosine - triphosphate	11.1	6.9