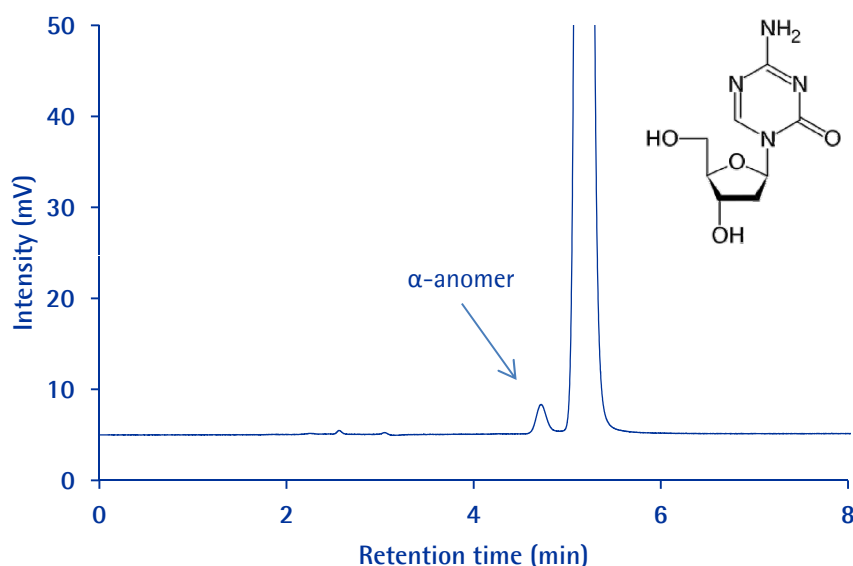


Decitabine and Related Impurities

SeQuant® ZIC®-HILIC

Chromatographic Conditions

Column:	SeQuant® ZIC®-HILIC (5µm,200Å) PEEK 150x4.6 mm	1.50455.0001
Injection:	10 µL	
Detection:	UV 254 nm	
Cell:	10 µL	
Flow Rate:	0.75 mL/min	
Mobile Phase:	Dissolve 3.84 g of ammonium acetate in 1L water (50 mM). Mix buffer & acetonitrile 15:85 (v/v)	
Temperature:	Oven: 25 °C	
Diluent:	Mobile phase	
Sample:	Weigh 100 mg of sample in 100 mL volumetric flask. Dilute up to the mark with mobile phase. Pipette out 10 mL of the above solution and dilute to 50 ml with mobile phase.	
Pressure Drop:	30 Bar (435 psi)	



Chromatographic Data :

No.	Compound	Time (min)	Tailing Factor	Resolution
1	α-anomer	4.7	1.1	
2	Decitabine	5.2	1.1	2.2