

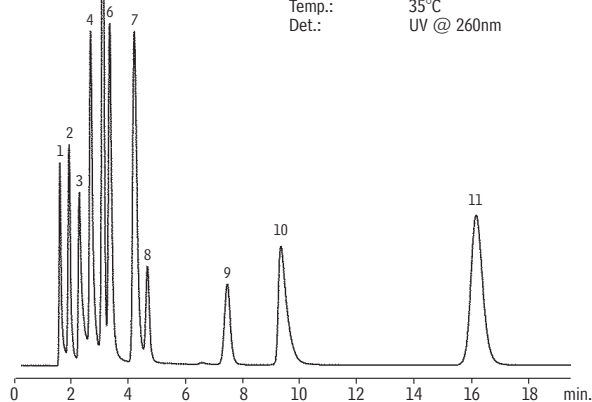


Nucleotides, Nucleosides, and Nitrogenous Bases on Ultra IBD

Peak List:	Conc. (µg/mL)	Sample:
1. CDP	146	Inj.: 20µL
2. CMP	113	Solvent: 20mM ammonium acetate, pH 5.8
3. ATP	117	
4. ADP	145	
5. cytidine	155	
6. TMP	157	
7. AMP	125	
8. guanine	36	
9. adenosine	103	
10. adenine	38	
11. adenosine	115	

Column: Ultra IBD
 Cat.#: 9175565
 Dimensions: 150mm x 4.6mm
 Particle size: 5µm
 Pore size: 100Å

Conditions:
 Mobile phase: 20mM ammonium acetate, pH 5.8:methanol (97.5:2.5)
 Flow: 1.0mL/min.
 Temp.: 35°C
 Det.: UV @ 260nm



LC_0128

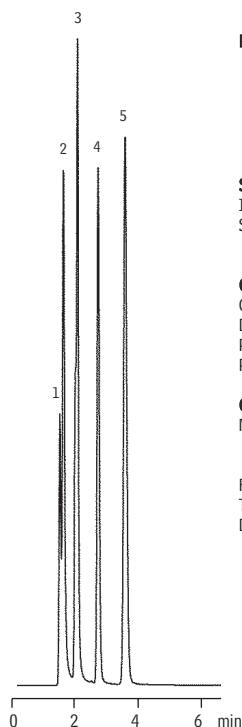
Uracil, Uridine, UTP, UDP, and UMP on Ultra IBD

Peak List:	Conc. (µg/mL)
1. UTP	360
2. UDP	360
3. UMP	284
4. uracil	90
5. uridine	230

Sample:
 Inj.: 20µL
 Solvent: 20mM ammonium acetate, pH 5.8

Column: Ultra IBD
 Cat.#: 9175565
 Dimensions: 150mm x 4.6mm
 Particle size: 5µm
 Pore size: 100Å

Conditions:
 Mobile phase: 20mM ammonium acetate, pH 5.8:methanol (97.5:2.5)
 Flow: 1.0mL/min.
 Temp.: 35°C
 Det.: UV @ 260nm



LC_0133

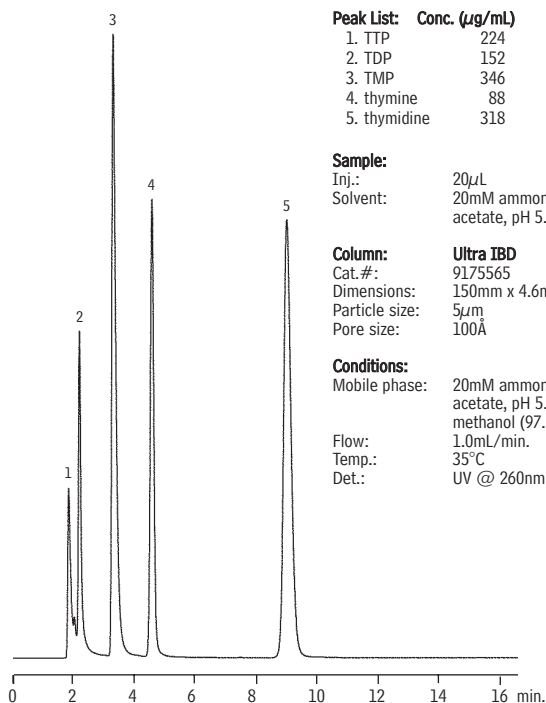
Thymine, Thymidine, TTP, TDP, and TMP on Ultra IBD

Peak List:	Conc. (µg/mL)
1. TTP	224
2. TDP	152
3. TMP	346
4. thymine	88
5. thymidine	318

Sample:
 Inj.: 20µL
 Solvent: 20mM ammonium acetate, pH 5.8

Column: Ultra IBD
 Cat.#: 9175565
 Dimensions: 150mm x 4.6mm
 Particle size: 5µm
 Pore size: 100Å

Conditions:
 Mobile phase: 20mM ammonium acetate, pH 5.8:methanol (97.5:2.5)
 Flow: 1.0mL/min.
 Temp.: 35°C
 Det.: UV @ 260nm



LC_0132

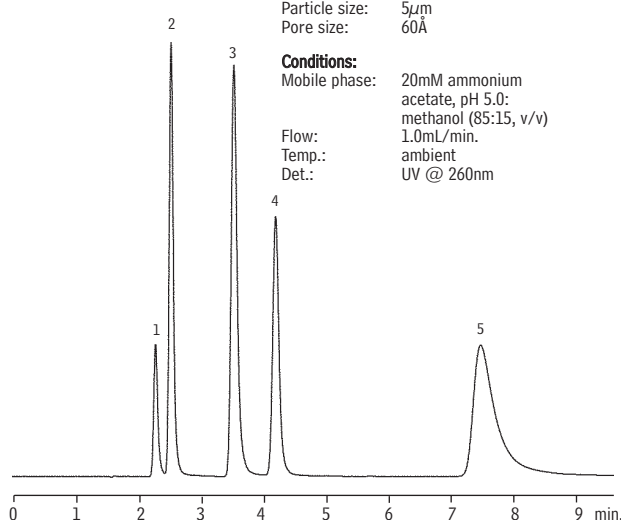
Nucleic Acid Bases on Allure® PFP Propyl

Peak List:
1. cytosine
2. uracil
3. guanine
4. thymine
5. adenine

Sample:
 Inj.: 1.0µL
 Conc: 100µg/mL each
 Solvent: 20 mM ammonium acetate, pH 5.0
 Note: 1-3 drops of ammonium hydroxide added to keep guanine in solution

Column: Allure® PFP Propyl
 Cat.#: 9169565
 Dimensions: 150mm x 4.6mm
 Particle size: 5µm
 Pore size: 60Å

Conditions:
 Mobile phase: 20mM ammonium acetate, pH 5.0:methanol (85:15, v/v)
 Flow: 1.0mL/min.
 Temp.: ambient
 Det.: UV @ 260nm



LC_0137