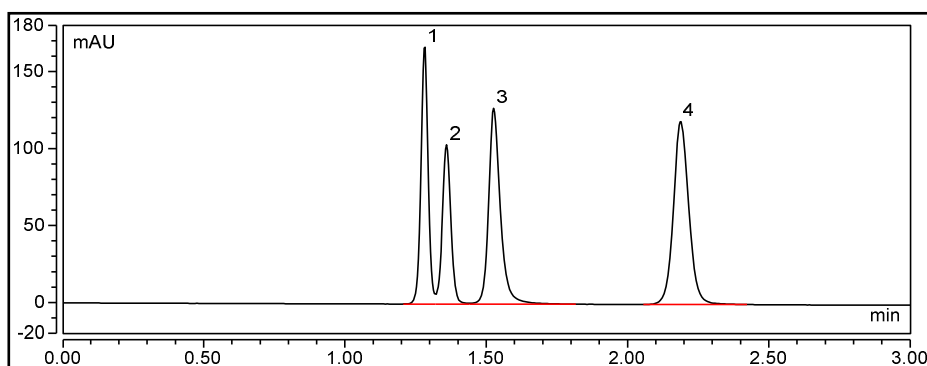


MABPac™ HIC-20
5µm 1000Å (4.6 x 100 mm)
Product No. 088553

Date: 19-Dec-22 21:14
Serial No. : 001995
Lot No. : 02204128

Mobile Phase: 0.1 M Ammonium acetate pH 5.4 / acetonitrile (70:30 v/v)
Flow Rate: 1.00 mL/min **Temperature:** 30 °C
Detection: UV, 230 nm **Injection Volume:** 5.0 µL

Storage Solution: 0.1 M Ammonium acetate pH 5.4 / acetonitrile (70:30 v/v)



No.	Peak Name	Ret.Time (min)	Asymmetry (EP)	Efficiency (EP)	Concentration
1	Cytosine	1.3	0.98	12239	0.025 mg/mL
2	Amitriptyline	1.4	n.a.	10258	0.025 mg/mL
3	4-Butylbenzoic acid	1.5	1.28	7456	0.025 mg/mL
4	Phenanthrene	2.2	1.12	8210	0.025 mg/mL

QA Results:

Analyte	Parameter	Specification	Results
Phenanthrene	Efficiency	>=5,400	Passed
Phenanthrene	Asymmetry	0.90-1.43	Passed
Phenanthrene	Retention Time	2.13-2.68	Passed
	Pressure	<=990	469

The MABPac HIC-20 column is a silica-based product. Care must be taken to ensure the operating conditions do not exceed the limitations of bonded-silica material, specifically the pH must be maintained between pH 2 to 8. All warranties are made void if this product is exposed to mobile phase conditions outside of this range.

Production Reference:

Datasource: Acclaim7
Directory: Silica5\Silica5_3
Sequence 2009763_088553_MNT
Sample No.: 19

Chromleon™ Thermo Fisher Scientific

7.2.10.25750