Paracetamol and Related Substances – Enhanced Resolution

ACE® Ultra-inert UHPLC & HPLC Columns

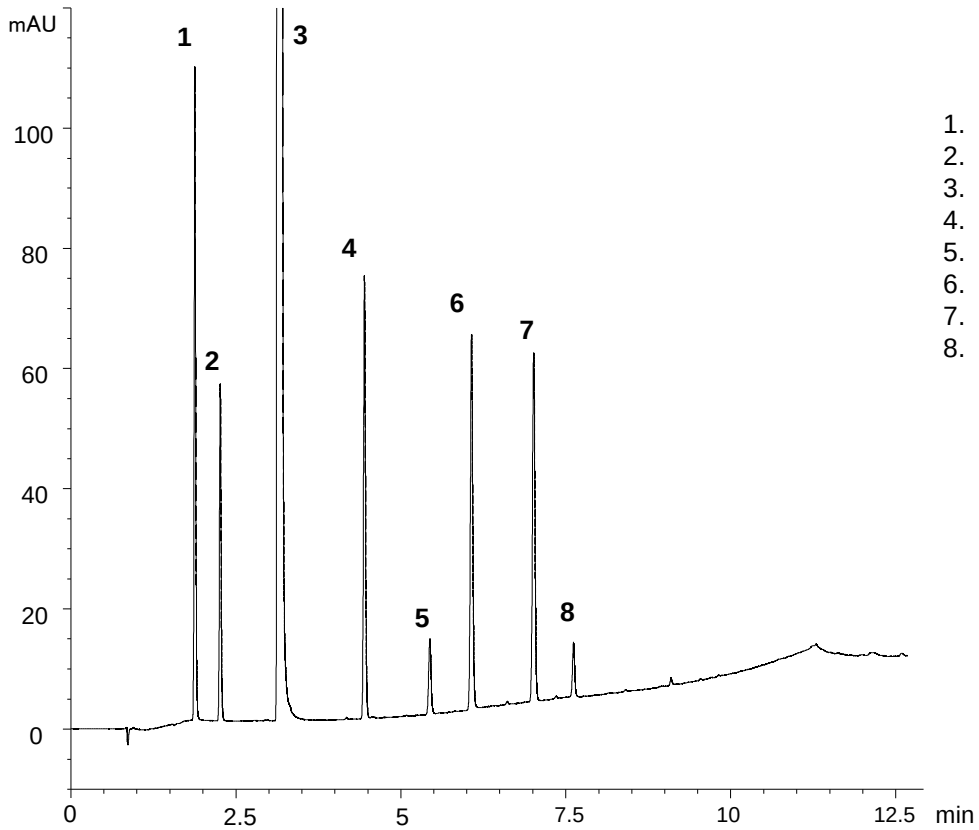
Application #AN2220

Conditions

Column:	ACE Excel 1.7 C18
Dimensions:	100 x 3.0 mm
Part Number:	EXL-171-1003U
Mobile Phase:	A: 10 mM ammonium acetate pH 6.0 in H_2O
	B: 10 mM ammonium acetate pH 6.0 in MeOH/H_2O (90:10 v/v)

Time (mins)	%B
0.00	5
0.21	5
10.23	95
13.56	95
14.16	5
20.24	5

Flow Rate:	0.51 mL/min
Injection:	1.4 µL
Temperature:	40 °C
Detection:	UV, 230 nm



1. 4-Aminophenol
2. Hydroquinone
3. Paracetamol
4. 2-Acetamidophenol
5. Phenol
6. 4-Nitrophenol
7. 2-Nitrophenol
8. 4-Chloroacetanilide

For enhanced speed of paracetamol and related compounds, see AN2210.

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