

Paracetamol and Related Substances – Fast Analysis (I)

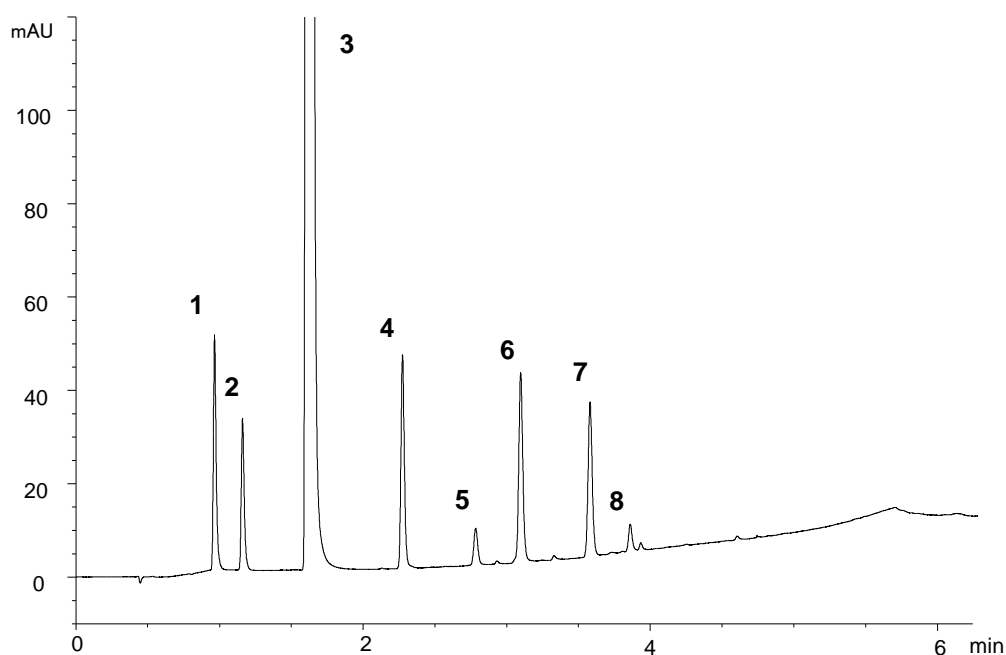
Application #AN2210

Conditions

Column: ACE Excel 1.7 C18
Dimensions: 50 x 3.0 mm
Part Number: EXL-171-0503U
Mobile Phase: A: 10 mM ammonium acetate pH 6.0 in H₂O
B: 10 mM ammonium acetate pH 6.0 in MeOH/H₂O (90:10 v/v)

Time (mins)	%B
0.00	5
0.08	5
5.08	95
6.76	95
7.09	5
10.00	5

Flow Rate: 0.51 mL/min
Injection: 0.7 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 resolution of paracetamol and related compounds, see AN2220.

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