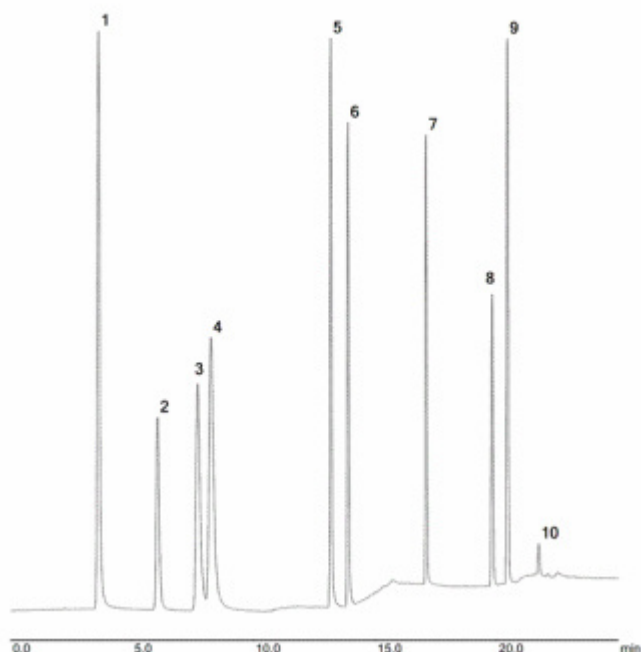


## Separation of nitrosamines (EPA Mix 8270) on Nucleodur PolarTec

Application Number 124660

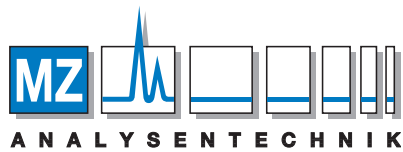


1. N-nitrosodimethylamine
2. N-nitrosomorpholine
3. N-nitrosomethylethylamine
4. N-nitrosopyrrolidine
5. N-nitrosodiethylamine
6. N-nitrosopiperidine
7. N-nitrosodipropylamine
8. N-nitrosodibutylamine
9. N-nitrosodiphenylamine
10. Impurity

Column	EC 250/3 NUCLEODUR PolarTec, 3 $\mu$ m
REF	760479.30
Sample(s)	each substance 2 mg/mL methanol
Conditions	Eluent A: water Eluent B: acetonitril Gradient: 1 % B for 7.5 min, in 7.5 min to 55 % B, in 10 min to 90 % B
Flow rate	0.7 mL/min

Temperature 25 °C  
Injection volume 1.0 µL  
Detection UV, 220 nm

Author HPLC department  
Source MACHERY-NAGEL, Germany 2011



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