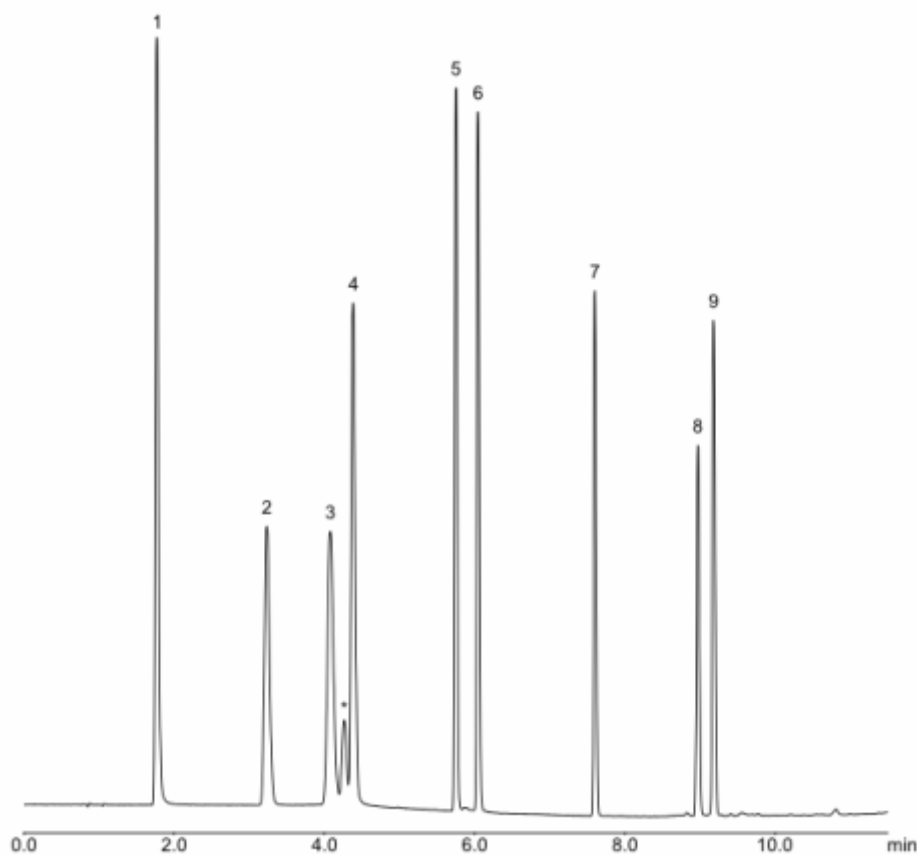
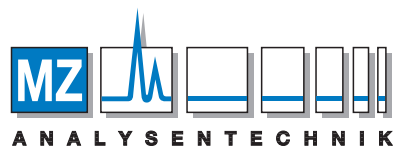


## Separation of nitrosamines (EPA 8270) on Nucleodur C18 Gravity-SB

Application Number 127350



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



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Column	EC 150/3 NUCLEODUR C18 Gravity-SB, 3 µm
REF	760608.30
Sample(s)	250 µg/mL each, solved in eluent
Conditions	Eluent A: acetonitrile Eluent B: 5 mmol/L ammonium formate

Gradient: 3 % A for 2 min, in 4 min to 55 % A, to 90 % A in 4 min,  
hold for 1.5 min

Flow rate 1 mL/min  
Temperature 30 °C  
Injection volume 0.5 µL  
Detection UV, 220 nm

Author HPLC department

Source MACHEREY-NAGEL, Germany 2015