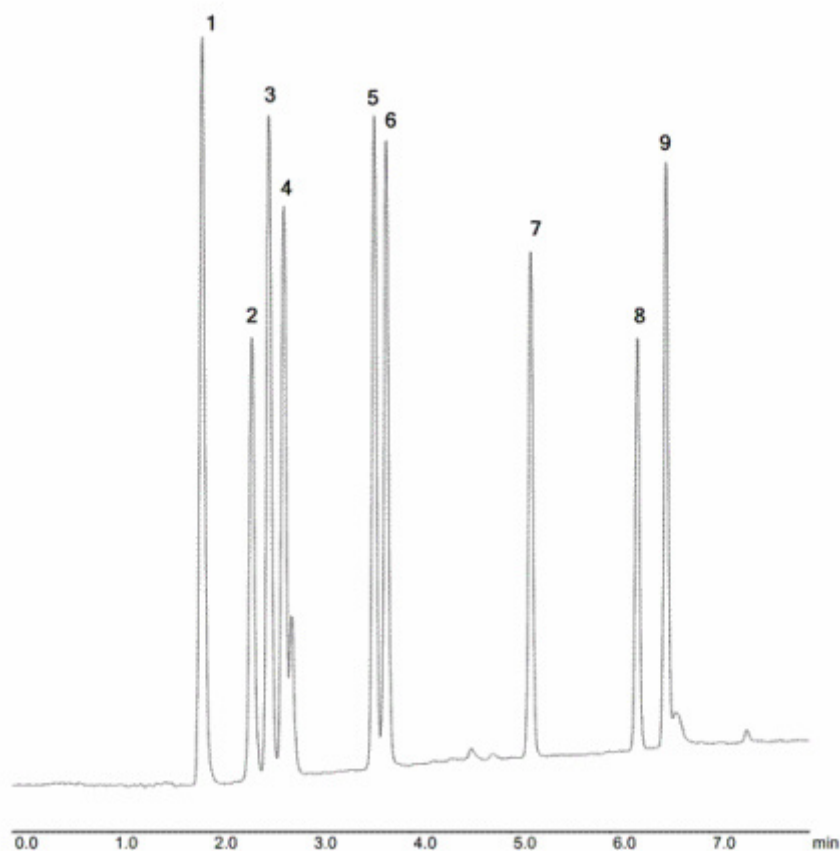
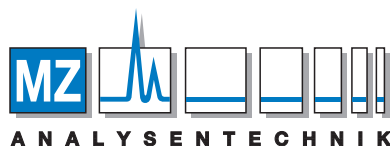


Separation of nitrosamines (EPA 8270) on Nucleodur PFP

Application Number 125250



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



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| | |
|------------|---|
| Column | EC 125/4 NUCLEODUR PFP, 5 µm |
| REF | 760457.40 |
| Sample(s) | each compound 2 mg/mL methanol |
| Conditions | Eluent A: acetonitrile Eluent B: water |

Gradient: 10-100 % A in 8 min

| | |
|------------------|------------|
| Flow rate | 1 mL/min |
| Temperature | 25 °C |
| Injection volume | 1.0 µL |
| Detection | UV, 230 nm |

| | |
|--------|------------------------------|
| Author | HPLC department |
| Source | MACHEREY-NAGEL, Germany 2011 |