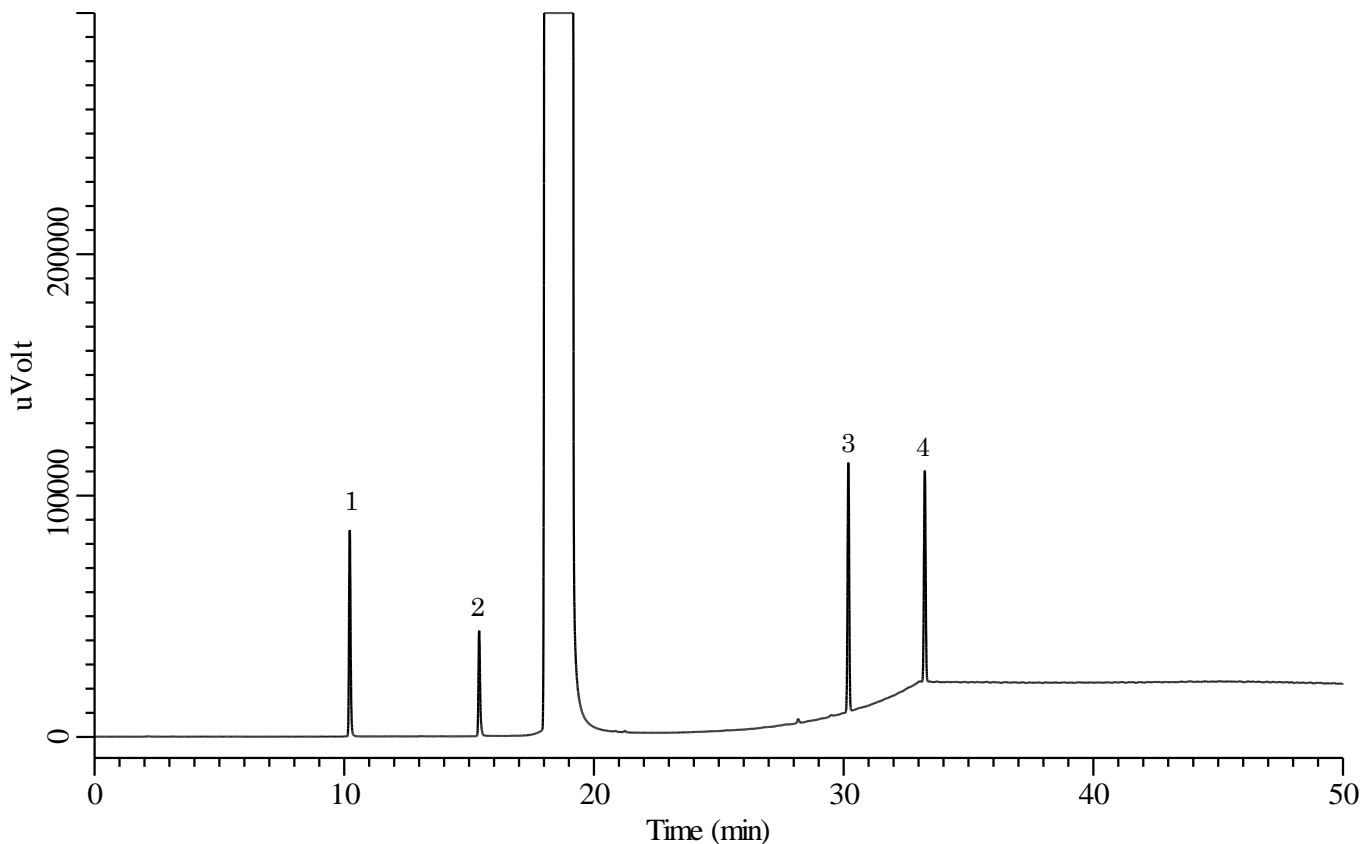


# InertSearch™ for GC

InertCap® Applications

## Nitrogen-Containing Compounds

Data No. GA197-0904



### Conditions

**System** : GC/FID

**Column** : InertCap 5MS/NP

0.25 mm I.D. x 30 m df = 0.25µm

**Col. Cat. No.** : 1010-18642

**Col. Temp.** : 80 °C (1 min hold) - 5 °C/min - 240 °C (17 min hold)

**Carrier Gas** : He 90kPa

**Injection** : Split flow 19 mL/min  
250 °C

**Detection** : FID  
250 °C

**Sample Size** : 200 µg/mL in Benzyl alcohol  
1.0 µL

**Analyte** :

1. Benzaldehyde

2. Aniline

3. Benzylideneaniline

4. *N*-Phenylbenzylamine