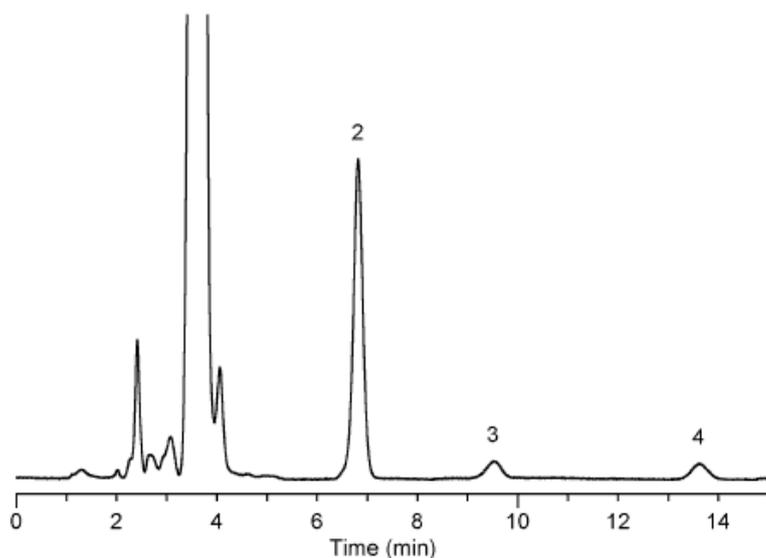


InertSearch™ for LC

Inertsil® Applications

Analysis of DNPH-Aldehydes

Data No. LA318-0000



No.	Peak Name	R.Time	Area
1	DNPH	3.653	6.92796e+06
2	DNPH-Formaldehyde	6.817	169342
3	DNPH-Acetaldehyde	9.510	15520
4	DNPH-Acetone	13.610	15075

Column : Inertsil ODS-3V
5µm
150 × 4.6 mmI.D.

Column Cat. No. : 5020-01801

Eluent : CH₃CN / H₂O = 50 / 50

Flow rate : 1.0 mL/min.

Col. Temp. : 40°C

Detection : UV 360 nm

Injection Vol. : 10µL

Sample : Formaldehyde in air at wood panel factory
: formaldehyde (0.51ug/mL as Aldehyde in extracted sample)
: acetaldehyde, acetone (blank of DNPH cartridge)

Solutes : 1. DNPH
2. DNPH-Formaldehyde
3. DNPH-Acetaldehyde
4. DNPH-Acetone