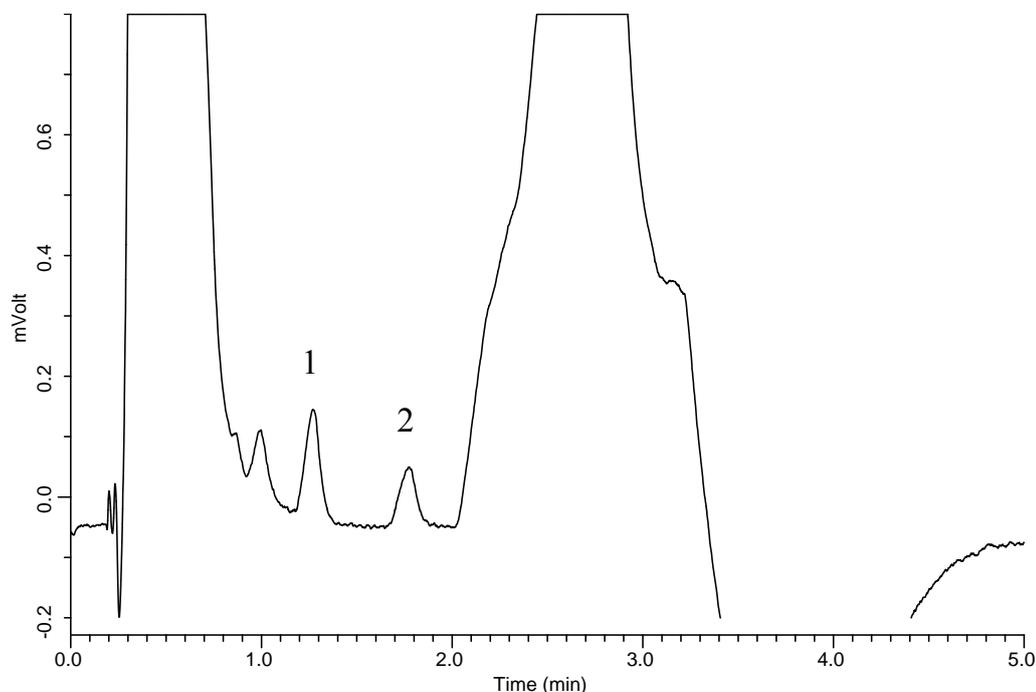


# InertSearch™ for LC

Inertsil® Applications

## Analysis of DNPH Aldehydes (Detected by Pre-Column Method with DNPH)

Data No. LA965-0894



### Conditions

**System** : LC800 HPLC system  
**Column** : InertSustain C18 (2µm, 75 x 2.1 mm I.D.)  
**Column Cat. No.** : 5020-14353  
**Eluent** : A) CH<sub>3</sub>CN  
          : B) H<sub>2</sub>O

### Analyte:

1. DNPH-Formaldehyde 5 µg/L  
2. DNPH-Acetaldehyde 5 µg/L

Tim[min]	A (%)	B (%)	Flow Rate[µL/min]
0.0	50	50	600
1.9	50	50	600
2.0	95	5	800
3.2	95	5	800
3.3	50	50	600
5.0	50	50	600

**Col. Temp.** : 40 °C  
**Detection** : UV 360 nm (LC800 UV Detector)  
**Injection Vol.** : 5 µL  
**Sample** : DNPH-Aldehyde