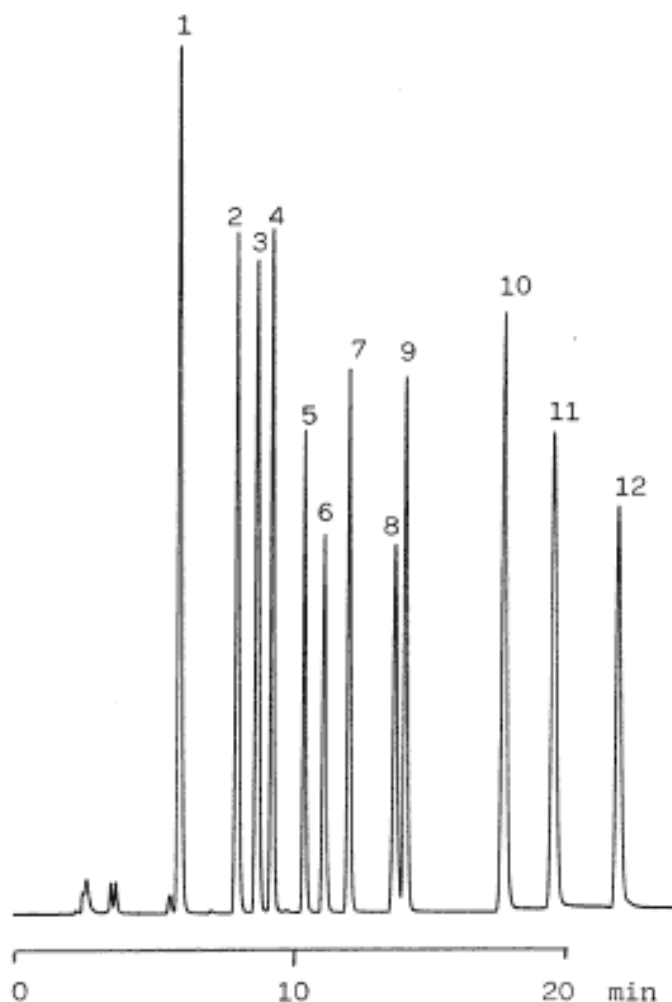


# InertSearch™ for LC

Inertsil® Applications

## Nucleotides

Data No. LA215-0000



Column : Inertsil ODS-2  
5 $\mu$ m  
150  $\times$  4.6mm I.D.

Column Cat. No. : 5020-01101

Eluent : A: 5mM(C<sub>4</sub>H<sub>9</sub>)<sub>4</sub>N<sup>+</sup>Br<sup>-</sup> + 20mM K<sub>2</sub>HPO<sub>4</sub>(pH 3.5)  
by H<sub>3</sub>PO<sub>4</sub>  
B: CH<sub>3</sub>CN/5mM(C<sub>4</sub>H<sub>9</sub>)<sub>4</sub>N<sup>+</sup>Br<sup>-</sup>  
+ 20mM K<sub>2</sub>HPO<sub>4</sub>(pH 3.5)=60/40  
A/B 95/5  $\rightarrow$  (25min)  $\rightarrow$  50/50

Flow rate : 1.0 mL/min.

Col. Temp. : RT

Detection : UV 260 nm

Injection Vol. :

Sample :

Solutes : 1. 5-AMP  
2. 5-GMP  
3. 5-IMP  
4. 3-AMP  
5. 2-AMP  
6. 5-TMP  
7. 3,5-cAMP  
8. 5-ADP  
9. 3,5-cGAP  
10. 5-GDP  
11. 5-IDP  
12. 5-TDP