

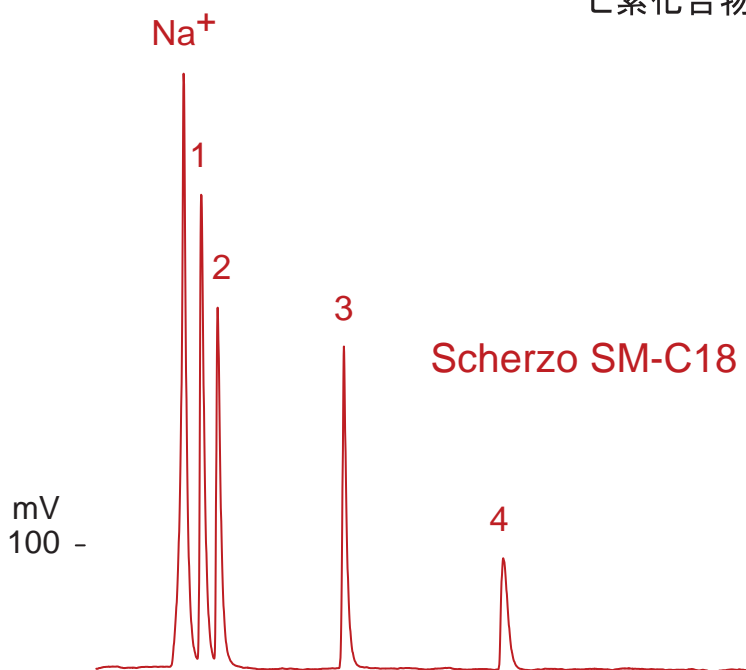
**Scherzo SM-C18**  
Unison UK-C18

250 x 3 mm

Application

**Arsenic compounds**

ヒ素化合物

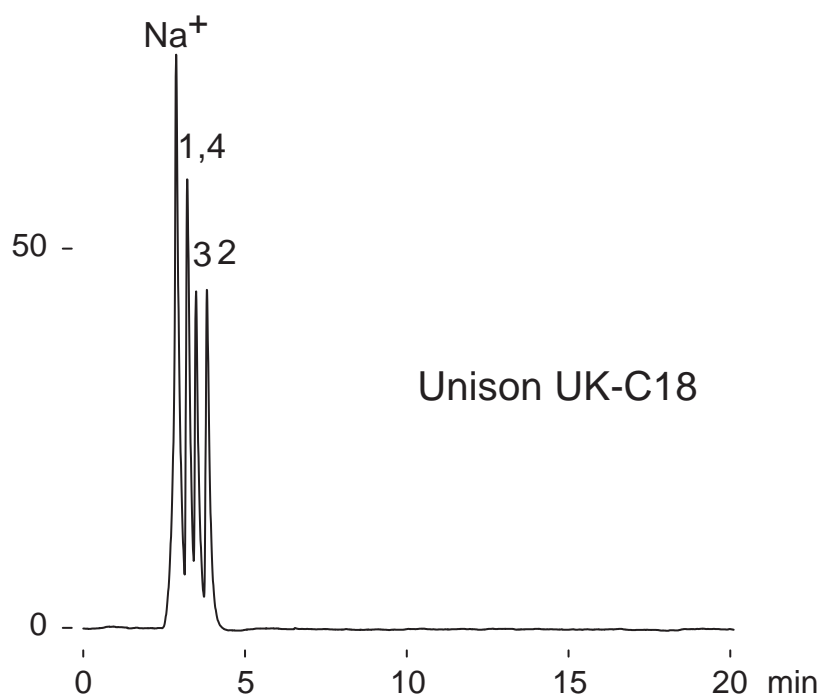


1  $\text{O}=\text{As}-\text{ONa}$   
sodium arsenite

2  $\text{H}_3\text{C}-\overset{\text{O}}{\parallel}{\text{As}}-\text{OH}$   
|  
 $\text{CH}_3$   
dimethylarsinic acid  
(DMAA)

3  $\text{H}_3\text{C}-\overset{\text{O}}{\parallel}{\text{As}}-\text{OH}$   
|  
 $\text{OH}$   
methylarsonic acid  
(MAA)

4  $\text{HO}-\overset{\text{O}}{\parallel}{\text{As}}-\text{ONa}$   
|  
 $\text{ONa} \cdot 7\text{H}_2\text{O}$   
disodium hydrogenarsenate  
heptahydrate



250 x 3 mm

A: water / formic acid = 100 / 0.01, B: water / formic acid = 100 / 1

0 %B (0-1.5min), 0-60 %B (01.5-15min)

0.4 mL/min (13MPa), 37 deg.C

ELSD (spray chamber 50deg.C, drift tube 100deg.C), 5 uL (6-22ug)