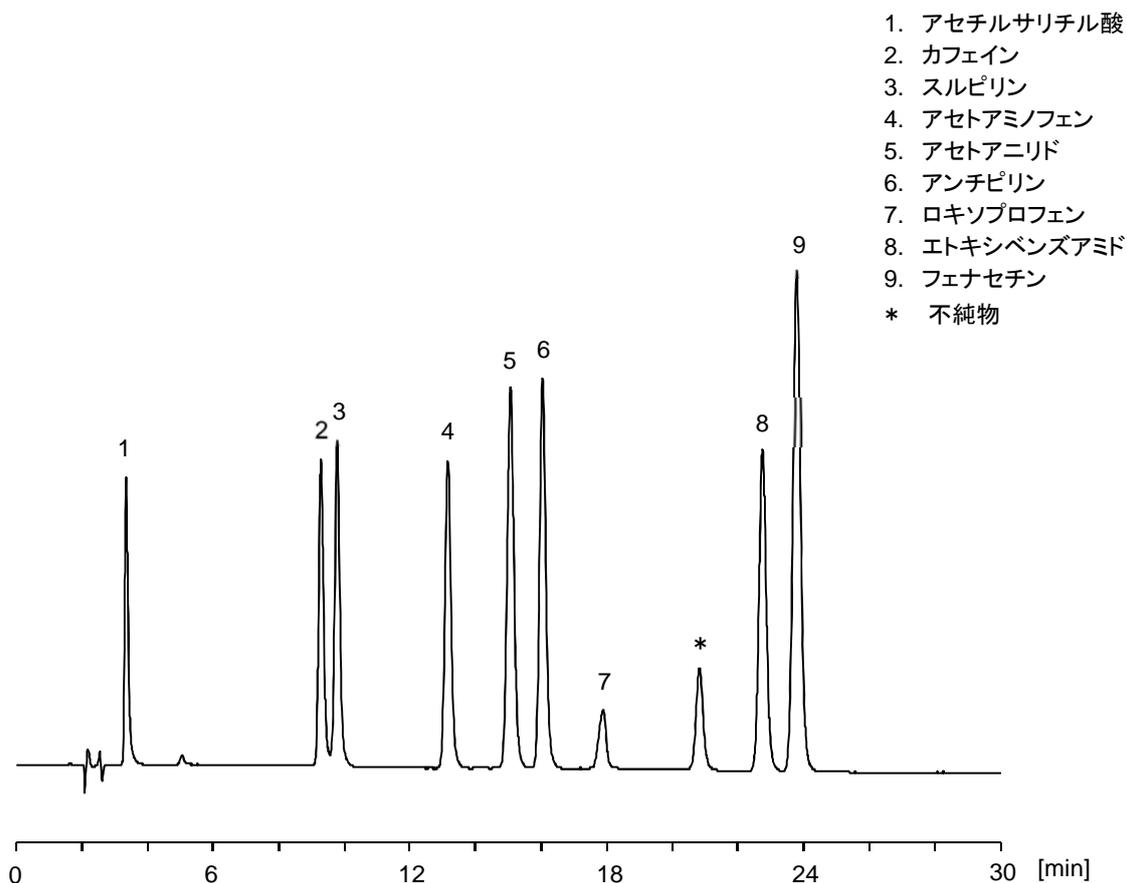


## 解熱鎮痛剤

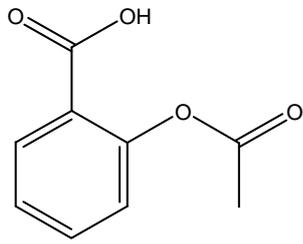
## Antipyretic analgesic drugs

解熱鎮痛剤として用いられる化合物 8 種類とカフェインを含む 9 種類について、CAPCELL PAK ADME S5 (2.1 mm i.d. x 150 mm) を用いて分析した例を示します。充分な保持と分離を達成しています。

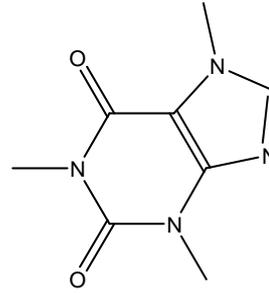


### 【HPLC Conditions】

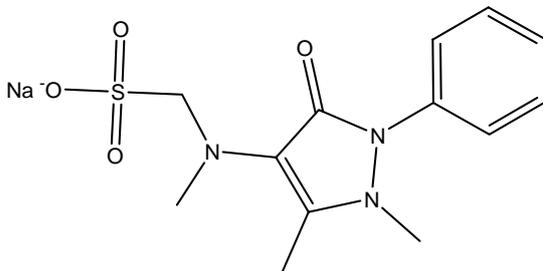
Column : CAPCELL PAK ADME S5 ; 2.1 mm i.d. x 150 mm  
Mobile phase : A) 10 mmol/L HCOONH<sub>4</sub>, B) CH<sub>3</sub>CN  
B 10 % (0 min) -> 30 % (30 min) -> 10 % (30.1 min) Gradient  
Flow rate : 200 μL/min  
Temperature : 40 °C  
Detector : PDA 245 nm  
Inj. vol. : 1 μL  
Sample dissolved in : Each Compound was separately dissolved in CH<sub>3</sub>OH, and then diluted with mobile phase A.



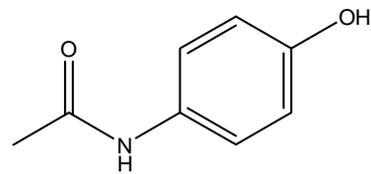
1. アセチルサリチル酸 (75 µg/mL)  
Acetylsalicylic acid (M.W. 180.2)



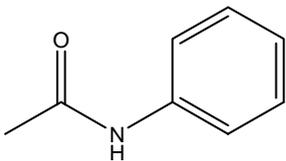
2. カフェイン (50 µg/mL)  
Caffeine (M.W. 165.2)



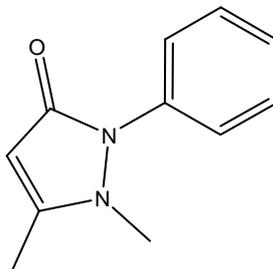
3. スルピリン (50 µg/mL)  
Sulpirine (M.W. 333.3)



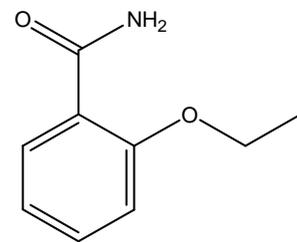
4. アセトアミノフェン (50 µg/mL)  
Acetaminophen (M.W. 151.2)



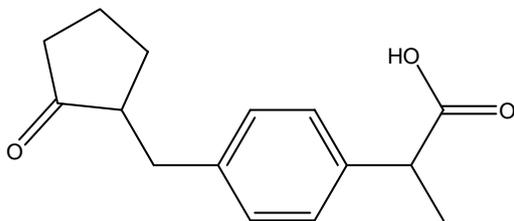
5. アセトアニリド (20 µg/mL)  
Acetanilide (M.W. 135.2)



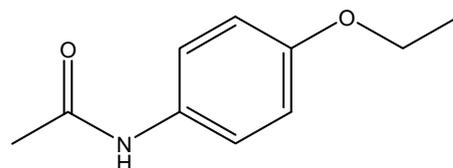
6. アンチピリン (25 µg/mL)  
Antipyrine (M.W. 188.2)



8. エトキシベンズアミド (50 µg/mL)  
o-Ethoxybenzamide (M.W. 194.2)



7. ロキソプロフェン (20 µg/mL)  
Loxoprofen (M.W. 246.3)



9. フェナセチン (25 µg/mL)  
Phenacetin (M.W. 179.2)