# Waters™

### アプリケーションノート

### **Anticonvulsants**

**Waters Corporation** 

This is an Application Brief and does not contain a detailed Experimental section.

#### **Abstract**

This application brief details on the analysis of Anticonvulsants using Symmetry Columns.

#### Introduction

# 1. Succinimide

2. Primidone

## 3. Phenobarbital

### 4. Mephenytoin

### Experimental

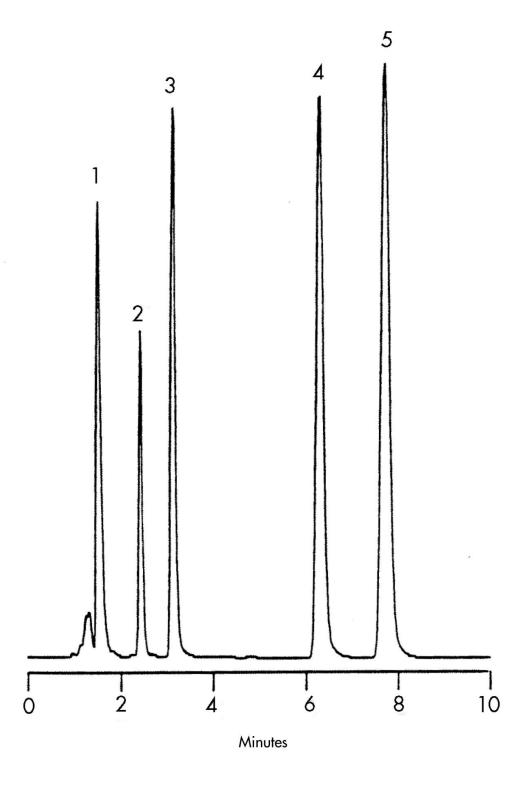
#### **HPLC** Method

Symmetry C <sub>8</sub> , 3.9 x 150 mm, 5 μm
WAT046970
100 mM potassium phosphate, pH 6.9/acetonitrile/water 20:30:50
1.0 mL/min
10 μL of 11–160 μg/mL sample
30 °C
UV @ 214 nm
1

#### Results and Discussion

The compounds analyzed in this study are:

- 1. Succinimide
- 2. Primidone
- 3. Phenobarbital
- 4. Mephenytoin
- 5. Mephobarbital



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