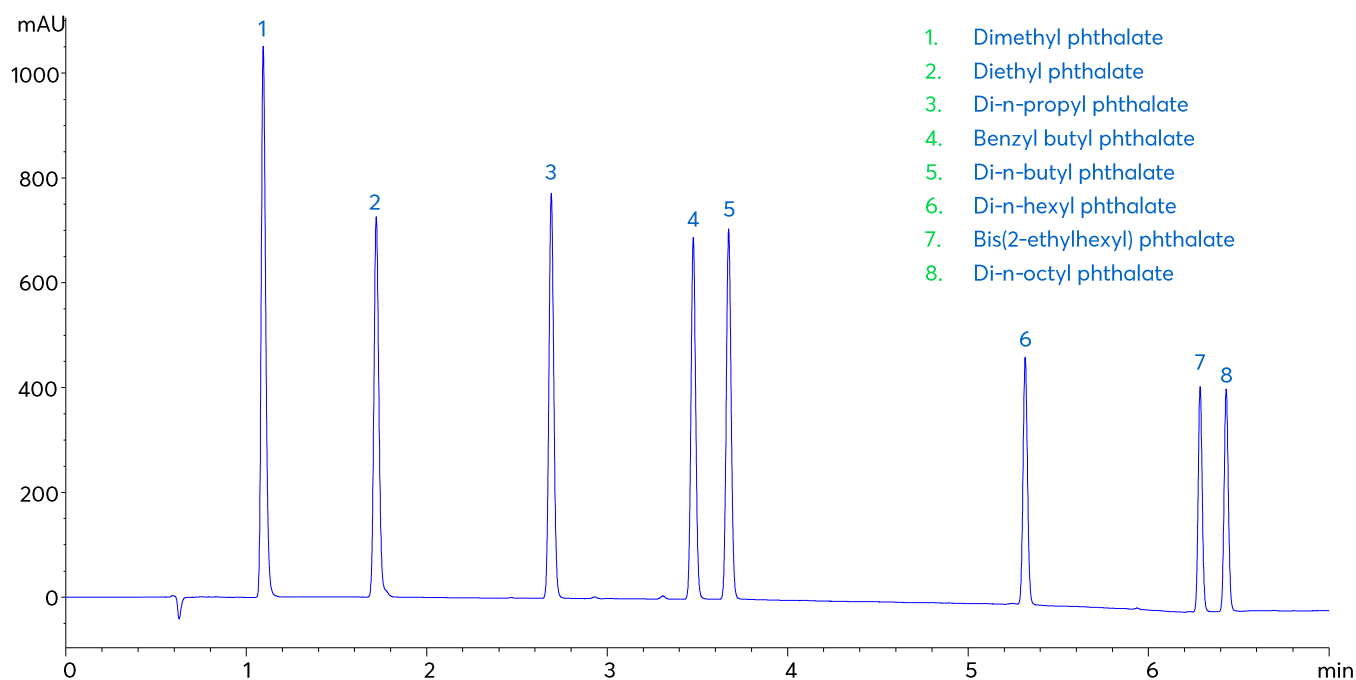


# Separation of Phthalates



# Method Details

## CONDITIONS

Column: Avantor® ACE® UltraCore 3.5 C18

Particle Size: 3.5 µm

Dimensions: 100 x 3.0 mm

Mobile Phases: A: 0.1% Formic acid in H<sub>2</sub>O  
B: 0.1% Formic acid in MeCN

Gradient:

| Time (mins) | %B  |
|-------------|-----|
| 0           | 50  |
| 5           | 100 |
| 10          | 100 |
| 10.5        | 50  |
| 18          | 50  |

Flow Rate: 0.6 mL/min

Injection: 2 µL

Temperature: 40 °C

Detection: UV, 200 nm

System Dwell Volume: 525 µL

## ORDERING TABLE

| Product                         | Details                              | Size         | Part number   |
|---------------------------------|--------------------------------------|--------------|---------------|
| Avantor® ACE® UltraCore 3.5 C18 | HPLC column                          | 100 x 3.0 mm | CORE-35F-1030 |
| Acetonitrile                    | VWR CHROMANORM® gradient grade       | 2.5 L        | 83639.320     |
| Water                           | VWR CHROMANORM® super gradient grade | 2.5 L        | 83650.320     |
| Formic acid                     | VWR NORMAPUR® analytical reagent     | 100 mL       | 20318.180     |