

Corticosteroids

Experimental

Instrument: HPLC

Column temperature: 40°C

Detector: UV 260 nm

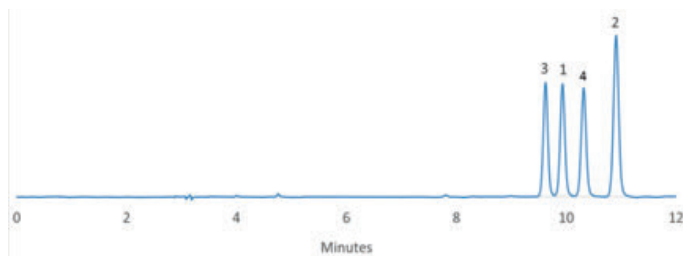
Sample:

1. Prednisone
2. Cortisone
3. Prednisolone
4. Hydrocortisone

Column: SVEACoreC18, 2.6µm, 4.6x250mm

Mobilephase: Acetonitrile/water/formic acid (30/70/0.1)

Flow rate: 0.7 mL/min



Performance

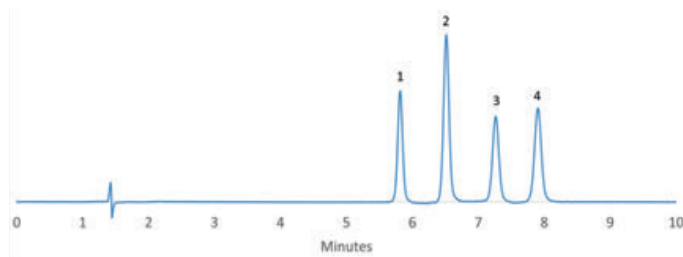
$R_s 4,1 = 2.4$

Efficiency (2) = 63800

Column: SVEACoreC18, 2.6µm, 4.6x150mm

Mobilephase: Tetrahydrofuran/water (20/80)

Flow rate: 1.0 mL/min



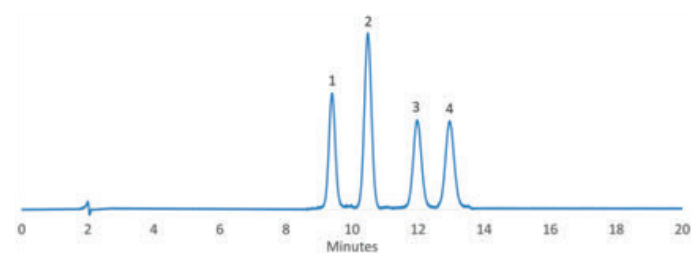
Performance

$R_s 4,3 = 3.3$

Column: SVEACoreC18, 5µm, 4.6x250mm

Mobilephase: Tetrahydrofuran/water (20/80)

Flow rate: 1.0 mL/min



Performance

$R_s 4,3 = 2.0$

