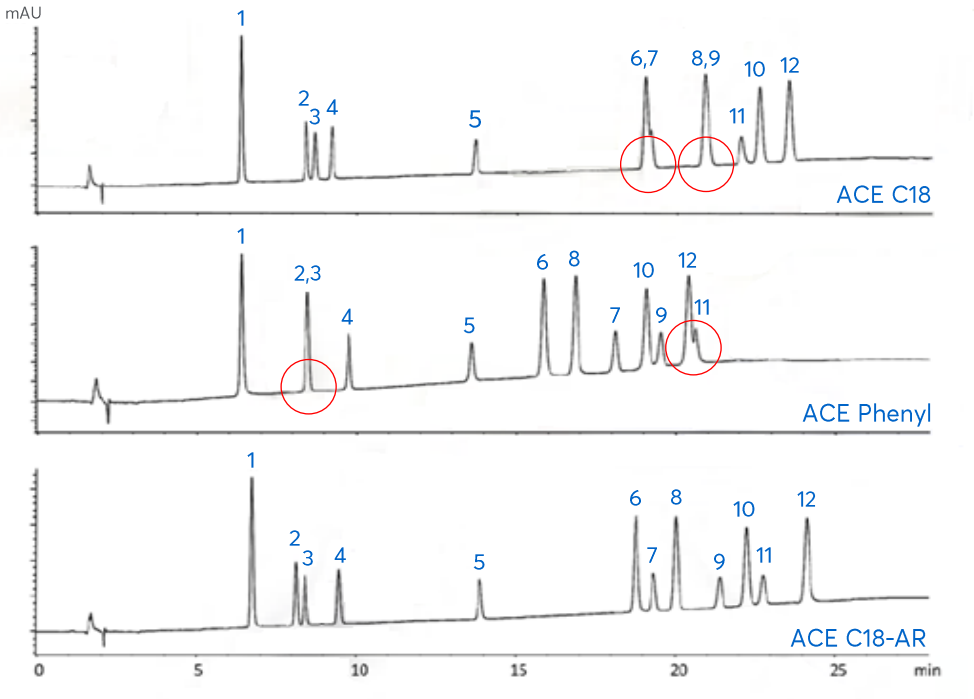
Chromatography Solutions

Application note #1060

Steroid Mixture Separation



1. Estriol
2. Prednisolone
3. Hydrocortisone
4. Cortisone
5. Corticosterone
6. 17β-Estradiol
7. Cortisone-21-acetate
8. 17α-Estradiol
9. 19-Norethindrone
10. 17α-Ethinylestradiol
11. 21-Hydroxyprogesterone
12. Estrone

Avantor® ACE®

Method Details

CONDITIONS

Columns: Avantor® ACE® 3 C18
Avantor® ACE® 3 Phenyl
Avantor® ACE® 3 C18-AR

Particle Size: 3 µm

Dimensions: 150 x 4.6 mm

Mobile Phase: A: H_2O
B: MeCN

Gradient:

Time (mins)	%B
0	25
24	46
27	46
28	25

Flow Rate: 1 mL/min

Temperature: 20 °C

Detection: UV, 214 nm

ORDERING TABLE

Product	Details	Size	Part number
Avantor® ACE® 3 C18	HPLC Column	150 x 4.6 mm	ACE-111-1546
Avantor® ACE® 3 Phenyl	HPLC Column	150 x 4.6 mm	ACE-115-1546
Avantor® ACE® 3 C18-AR	HPLC Column	150 x 4.6 mm	ACE-119-1546
Acetonitrile	VWR CHROMANORM® super gradient grade	2.5 L	83639.320
Water	VWR CHROMANORM® super gradient grade	2.5 L	83650.320

vwr.com/ace
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