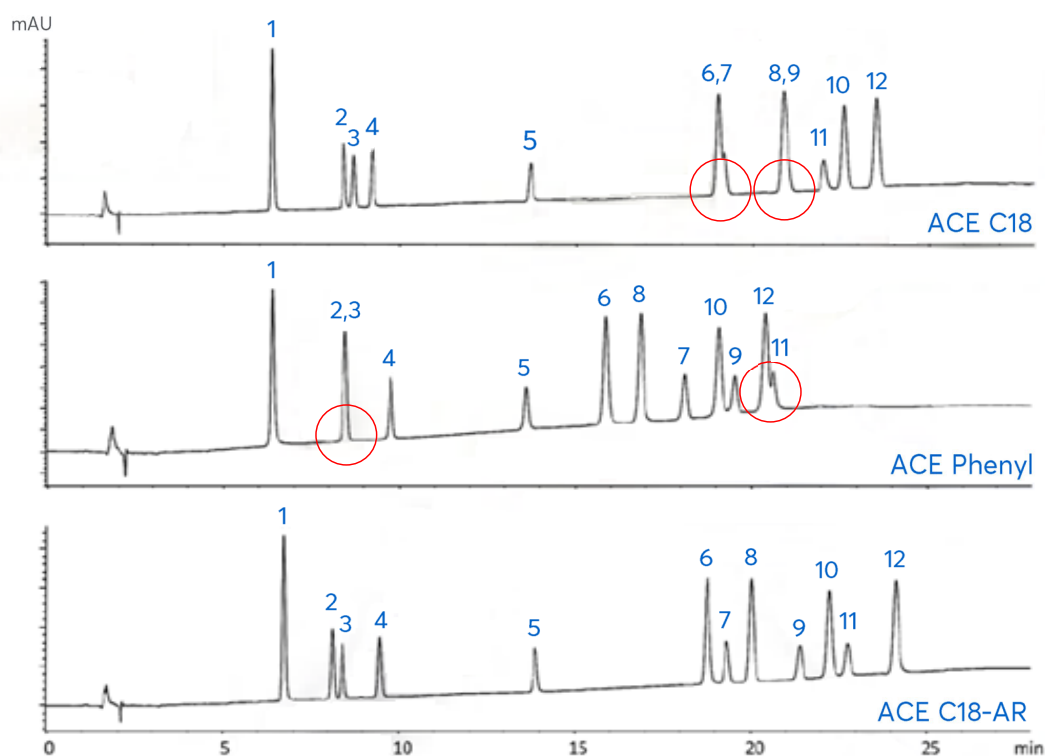


Steroid Mixture Separation



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

Method Details

CONDITIONS

Columns:	ACE 3 C18 ACE 3 Phenyl ACE 3 C18-AR
Dimensions:	150 x 4.6 mm
Part Numbers:	ACE-111-1546, ACE-115-1546, ACE-119-1546
Mobile Phase:	A: H ₂ O B: MeCN

Gradient:											
	<table border="1"> <thead> <tr> <th>Time (mins)</th> <th>%B</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>25</td> </tr> <tr> <td>24</td> <td>46</td> </tr> <tr> <td>26</td> <td>6</td> </tr> <tr> <td>27</td> <td>25</td> </tr> </tbody> </table>	Time (mins)	%B	0	25	24	46	26	6	27	25
Time (mins)	%B										
0	25										
24	46										
26	6										
27	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® gradient grade	2.5 L	83639.320
Water	VWR CHROMANORM® gradient grade	2.5 L	83650.320