

Steroids UHPLC-UV Analysis and Comparison

ACE[®]
Ultra-inert
UHPLC & HPLC Columns

Application #AN1640

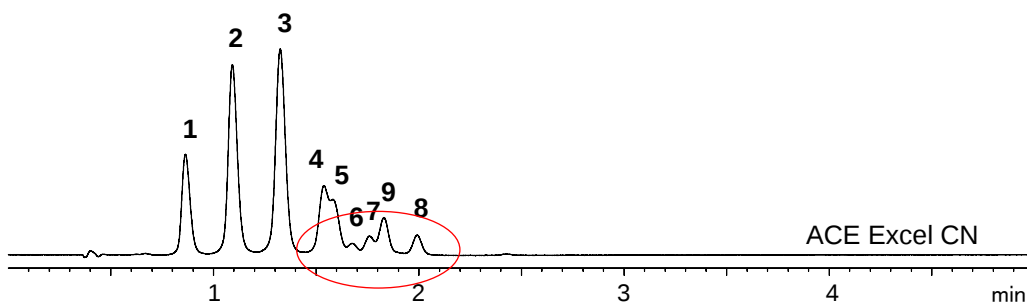
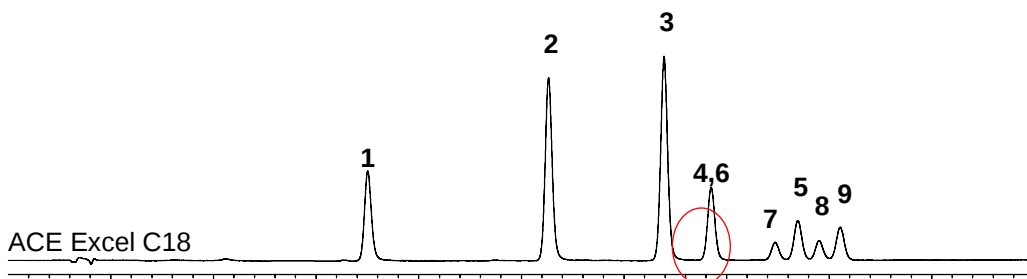
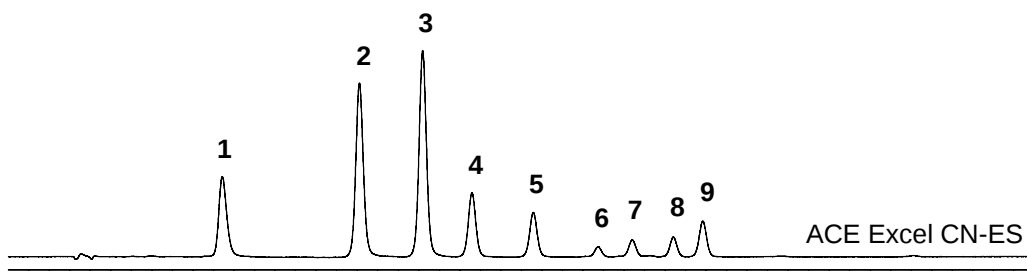
Conditions

Column: ACE Excel 2 CN-ES
ACE Excel 2 C18
ACE Excel 2 CN
Dimensions: 50 x 2.1 mm
Part Number: EXL-1013-0502U, EXL-101-0502U, EXL-104-0502U
Mobile Phase: A: 0.1% formic acid in H₂O
B: 0.1% formic acid in MeCN

Time (mins)	%B
0.0	25
10.0	80
10.5	80
11.0	25

Flow Rate: 0.4 mL/min
Temperature: 40 °C
Detection: UV, 260 nm

1. Cortisone
2. Corticosterone
3. 11 α -Hydroxyprogesterone
4. Cortisone-21-acetate
5. 11-Ketoprogesterone
6. β -Estradiol
7. 17 α -Estradiol
8. 17 α -Ethinylestradiol
9. Estrone



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