

Application Report

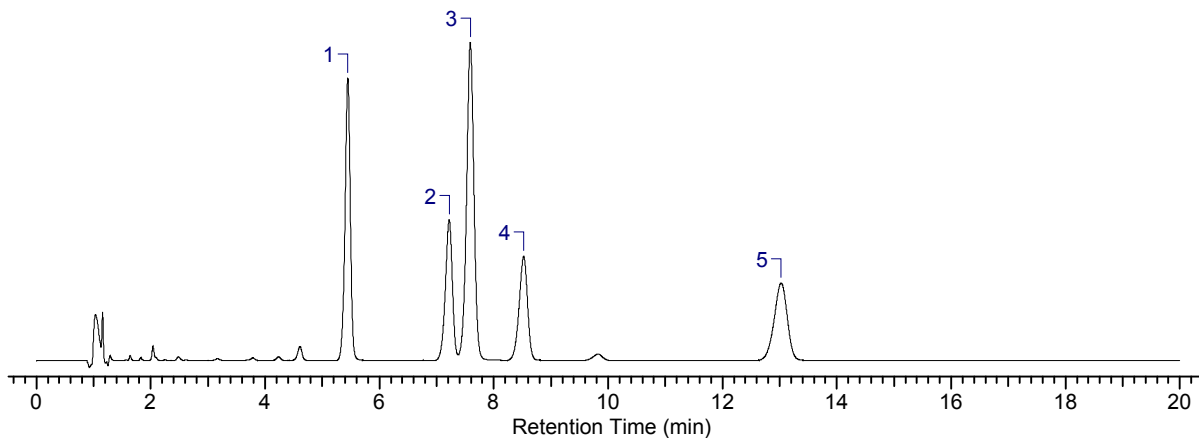
Analysis of Steroids using Ascentis Express F5

This application demonstrates the suitability of Ascentis Express F5 for the efficient separation of 5 steroids.

Bonded Phase pentafluorophenylpropyl
Column Name Ascentis Express F5
Instrument Name Jasco X-LC

Key Words

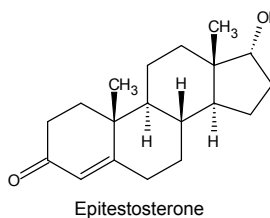
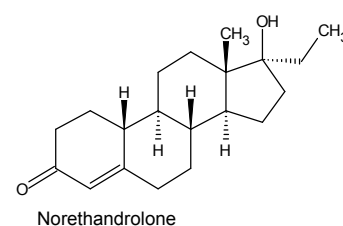
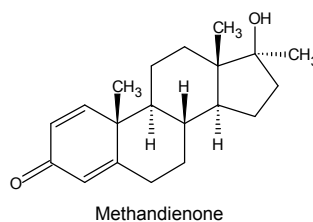
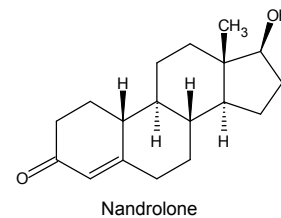
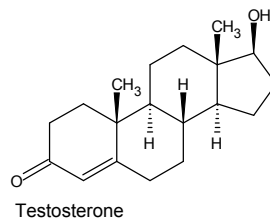
epitestosterone, 481-30-1, E5878, methandienone, 72-63-9, 55609, nandrolone, 434-22-0, 74640, norethandrolone, 52-78-8, testosterone, 58-22-0, T5411, Ascentis Express F5, 53569-U



Conditions

column: Ascentis Express F5, 10 cm x 2.1 mm I.D., 2.7 µm particles (53569-U)
mobile phase A: water
mobile phase B: acetonitrile
mixing proportions: A:B = 70:30
flow rate: 0.2 mL/min.
pressure: 206 bar (2990 psi)
temp.: 35 °C
det.: UV 254 nm
injection: 2 µL
sample: 50 µg/mL in 75:25, water: methanol

Structures



Peak IDs

No.	Name	tR
1	nandrolone	5.4
2	testosterone	7.2
3	methandienone	7.6
4	epitestosterone	8.5
5	norethandrolone	13.0