

Steroid Hormones (Endogenous) by LC-MS/MS

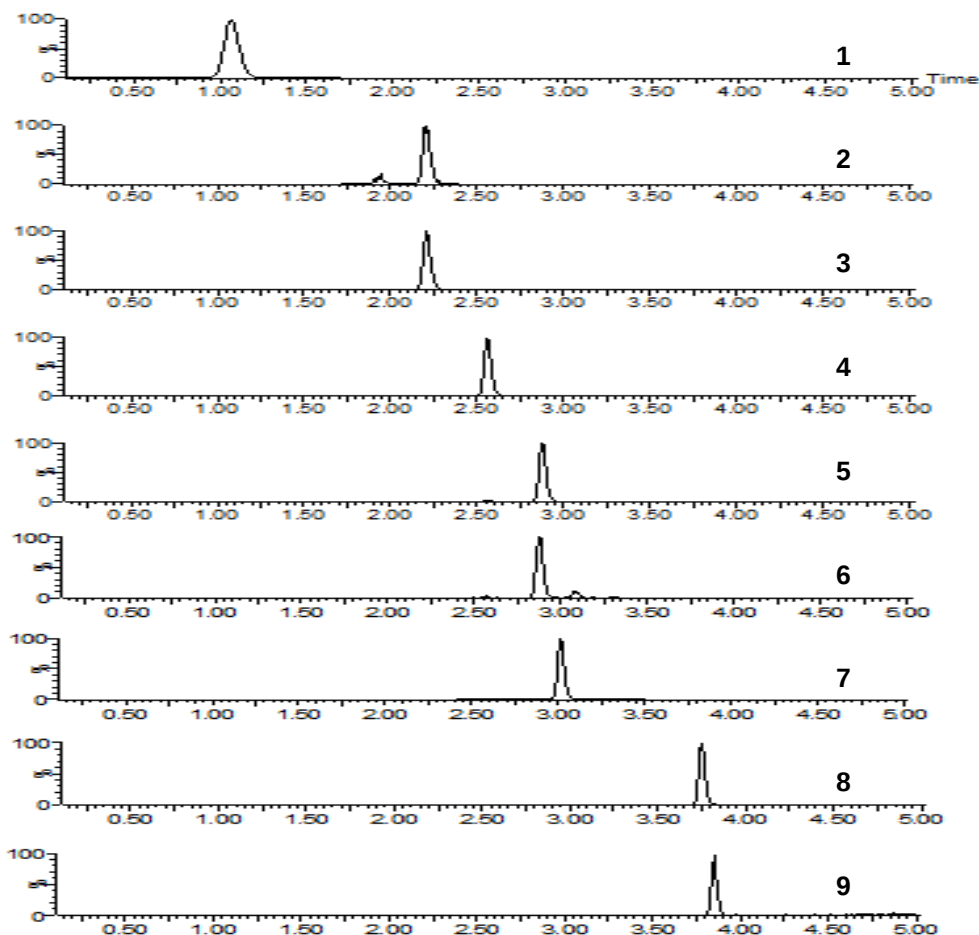
Application #AN2640

Conditions

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

Time (mins)	%B
0.0	50
0.8	50
4.2	81
4.3	100
5.3	100
5.8	50
6.8	50

Flow Rate: 0.4 mL/min
Injection: 10 µL
Temperature: 40 °C
Detection: MS/MS
ESI in positive ion mode



1. Aldosterone
(*m/z* 361.4 → 315.4)
2. 21-Deoxycortisol
(*m/z* 347.4 → 311.4)
3. 11-Deoxycortisol
(*m/z* 347.4 → 97.0)
4. Androstenedione
(*m/z* 287.3 → 97.0)
5. Testosterone
(*m/z* 289.4 → 97.0)
6. DHEA
(*m/z* 289.4 → 253.2)
7. 17 α -Hydroxyprogesterone
(*m/z* 331.4 → 97.0)
8. Progesterone
(*m/z* 315.4 → 97.0)
9. Androsterone
(*m/z* 291.3 → 255.4)

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