Steroid Hormones (Endogenous) by LC-MS/MS

ACE®
Ultra-inert
UHPLC & HPLC Columns

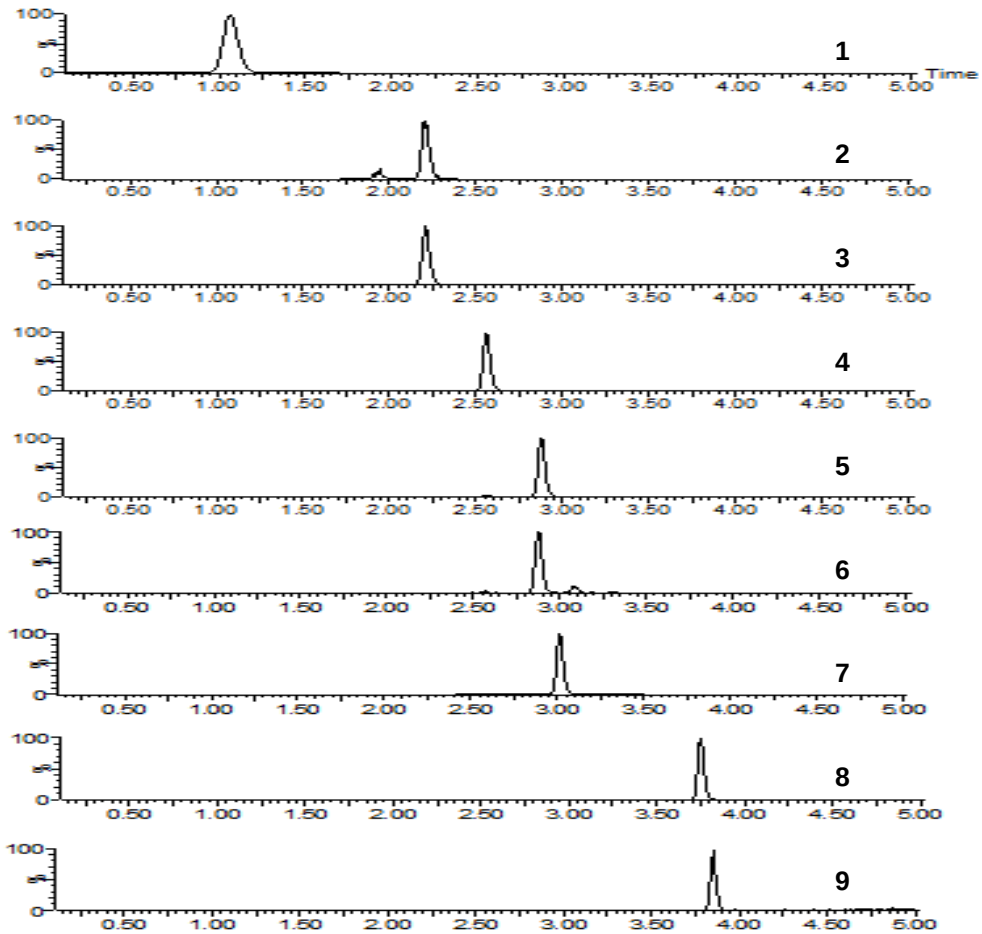
Application #AN2640

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 H_2O
	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. 17α-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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