Non-Steroidal Anti-Inflammatory Drugs by LC-MS/MS

ACE®
Ultra-inert
UHPLC & HPLC Columns

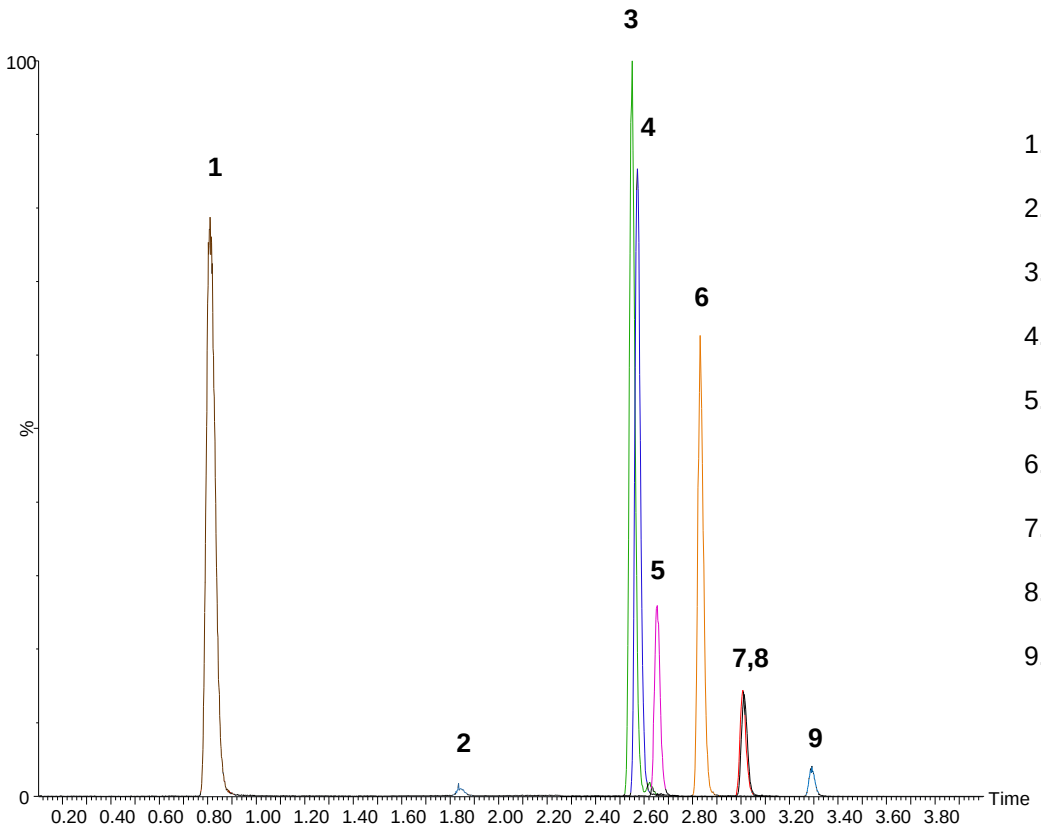
Application #AN2630

Conditions

Column:	ACE Excel 2 C18
Dimensions:	50 x 2.1 mm
Part Number:	EXL-101-0502U
Mobile Phase:	A: 2 mM ammonium acetate, 0.1% formic acid in H_2O
	B: 2 mM ammonium acetate, 0.1% formic acid in MeOH

Time (mins)	%B
0.0	15
2.0	70
3.0	90
3.3	15

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



1. Acetaminophen (*m/z* 151.7 → 109.7)
2. Salicylic acid (*m/z* 136.7 → 92.7)
3. Sulindac (*m/z* 357.0 → 233.1)
4. Ketoprofen (*m/z* 255.0 → 209.0)
5. Naproxen (*m/z* 231.0 → 184.9)
6. Phenylbutazone (*m/z* 309.1 → 119.8)
7. Indomethacin (*m/z* 357.9 → 138.7)
8. Diclofenac (*m/z* 295.8 → 213.9)
9. Mefenamic acid (*m/z* 242.0 → 208.8)

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