Gradient Translation of NSAIDs – HPLC to UHPLC

ACE® Ultra-inert UHPLC & HPLC Columns

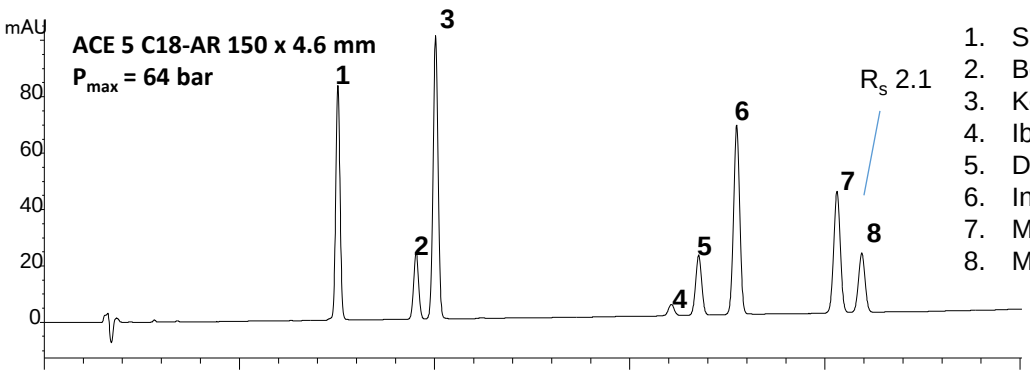
Application #**AN4730**

Conditions

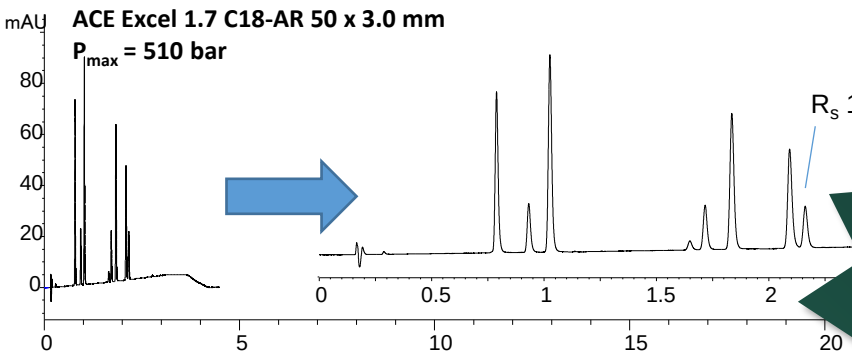
Column:	(I) ACE 5 C18-AR; (II) ACE Excel 1.7 C18-AR
Dimensions:	(I) 150 x 4.6 mm; (II) 50 x 3.0 mm
Part Number:	(I) ACE-129-1546; (II) EXL-179-0503U
Mobile Phase:	A: 0.1% formic acid in H_2O B: 0.1% formic acid in MeCN

150 x 4.6 mm Time (mins)	50 x 3.0 mm Time (mins)	%B
0	0.00	35
28	2.97	55
33	3.51	55
38	4.04	35
58	6.54	35

Flow Rate:	(I) 1 mL/min; (II) 1.25 mL/min
Injection:	(I) 5 µL; (II) 0.7 µL
Temperature:	40 °C
Detection:	UV, 254 nm
Instrument:	(I) Agilent 1100; (II) Chromaster UltraRs



1. Sulindac
2. Bendroflumethiazide
3. Ketoprofen
4. Ibuprofen
5. Diclofenac
6. Indomethacin
7. Mefenamic acid
8. Meclofenamic acid



Download the ACE Translation Tool free at www.ace-hplc.com

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