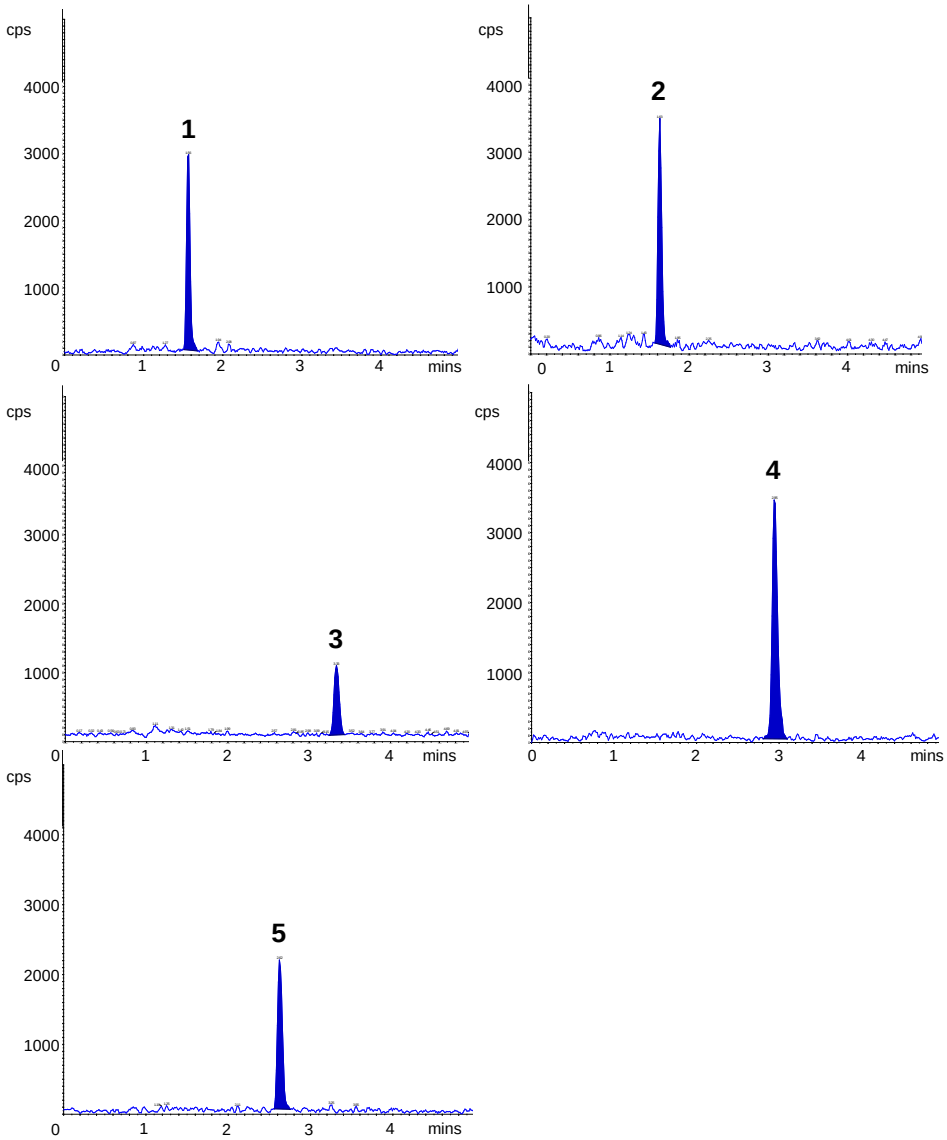
Antiretrovirals in Human Mononuclear Cell Extracts by LC-MS/MS

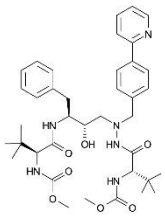
ACE®
Ultra-inert
UHPLC & HPLC Columns

Application #AN3470

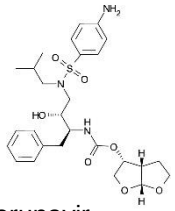
Conditions

Column:	ACE 3 C18
Dimensions:	100 x 3.0 mm
Part Number:	ACE-111-1003
Mobile Phase:	MeCN/H_2O/formic acid (60:40:0.1 v/v/v)
Flow Rate:	0.5 mL/min
Injection:	40 µL
Temperature:	40 °C
Detection:	SCIEX API 6500 triple quad MS Positive ion mode ESI (negative mode for efavirenz) Ion spray voltage: +5500 V (-4500 V for efavirenz) Temperature: 450 °C (650 °C for efavirenz)

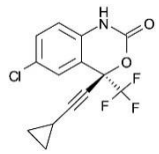




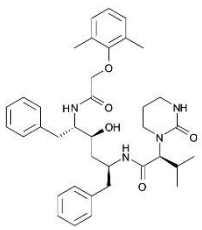
1. Atazanavir
(*m/z* 705.4 → 168.2)
LLOQ: 0.04 fmol/sample



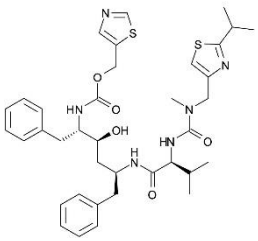
2. Darunavir
(*m/z* 548.3 → 392.3)
LLOQ: 1.0 fmol/sample



3. Efavirenz
(*m/z* 313.9 → 244.0)
LLOQ: 4.0 fmol/sample



4. Lopinavir
(*m/z* 629.4 → 447.3)
LLOQ: 1.0 fmol/sample



5. Ritonavir
(*m/z* 721.4 → 268.2)
LLOQ: 1.0 fmol/sample

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