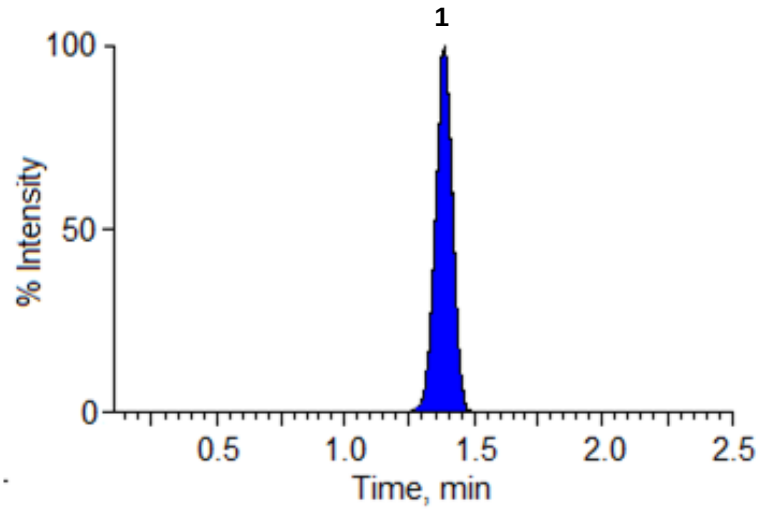
Methotrexate in K_3EDTA Human Plasma by LC-MS/MS

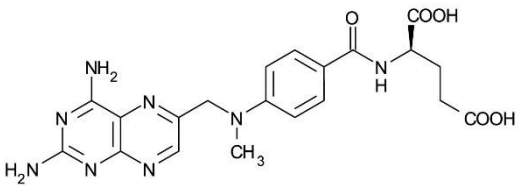
ACE®
Ultra-inert
UHPLC & HPLC Columns

Application #AN3760

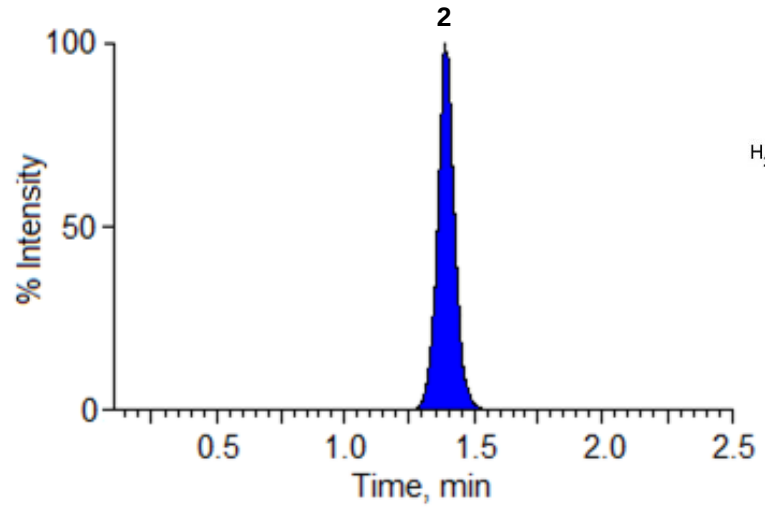
Conditions

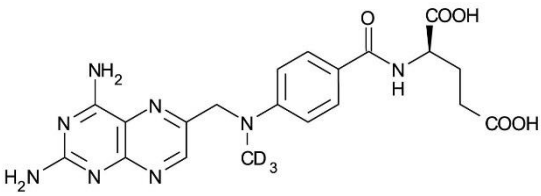
Column:	ACE 5 CN
Dimensions:	150 x 4.6 mm
Part Number:	ACE-124-1546
Mobile Phase:	10 mM ammonium formate pH 7.0/MeOH (60:40 v/v)
Flow Rate:	1 mL/min
Temperature:	40 °C
Detection:	Quattro Premier XE triple quad MS Positive ion mode ESI Ion source temperature: 120 °C Desolvation temperature: 450 °C
Sample:	Methotrexate and methotrexate-d3 extracted using solid phase extraction





1. Methotrexate
(*m/z* 455 → 308)
(LLOQ 1.0 ng/mL)
(Concentration 100 ng/mL)





2. Methotrexate-d3 (I.S.)
(*m/z* 458 → 311)
(Concentration 50 ng/mL)

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