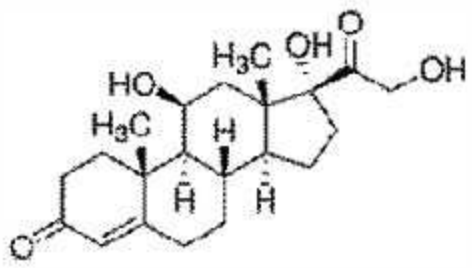
CELERITY HYDROPHOBIC DVB CARTRIDGE

Compound: Hydrocortisone



SPE EXTRACTION METHOD:

(Celerity Hydrophobic DVB cartridge)
(30 mg/ 1cc, Catalog #SYCY3030-01)

Condition:
1ml methanol, followed by 1ml of water

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Load:
100 µL of spiked urine sample (250 ng/mL)

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Wash:
1 mL of 20% methanol

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Elute:
1 mL of methanol

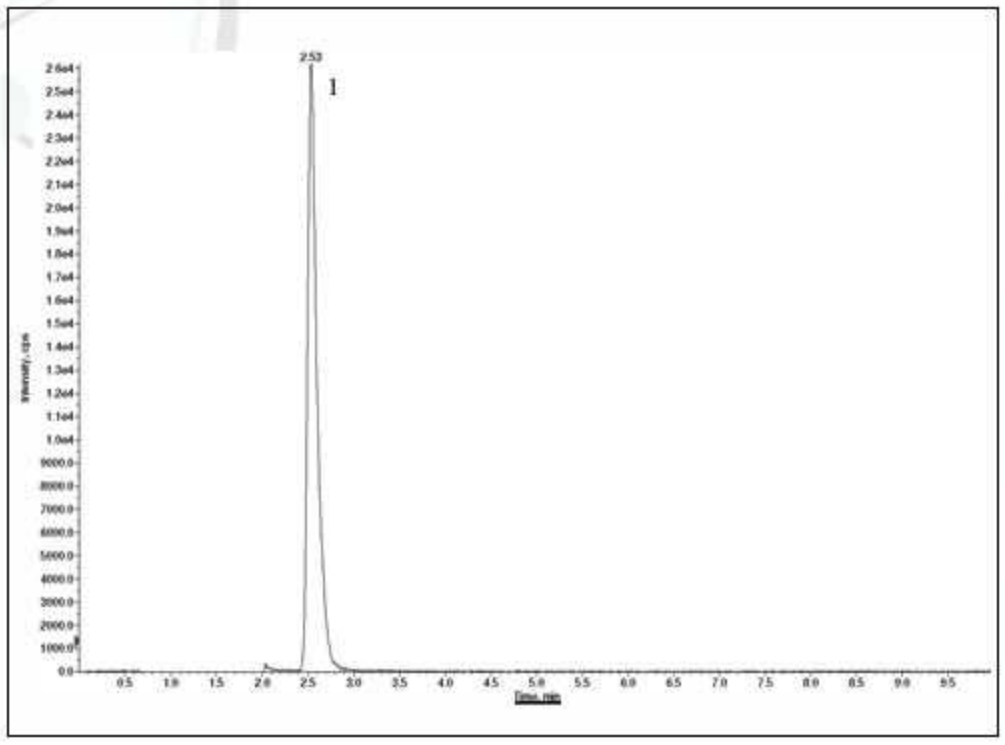
↓

Evaporate and Reconstitute:
200 µL of 35% acetonitrile

HPLC METHOD:

Column:	Orochem Reliasil C8 HPLC column 4.6x50mm, 5µm.
Part number:	R3BI-102
Mobile phase:	Water/acetonitrile 65:35
Flow rate:	0.5 mL/min
Injection volume:	20µL
Retention time:	2.53 min

MS/MS CONDITIONS:

Mass spectrometer:	API3000
Ion source:	Turbo Ionspary
Polarity:	Positive
Scan mode:	MRM: primary, Q1: 363.1, Q3: 121; secondary, Q1: 363.1, Q3: 327.1
IS:	4000
Temp.	500
DP:	20
CAD:	12
CE:	25
CXP:	10

RECOVERY(CV%)
100% (2.5%)