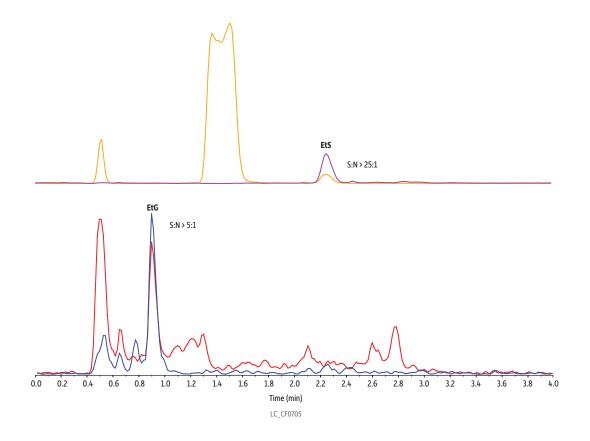
Ethyl Glucuronide (EtG) and Ethyl Sulfate (EtS) LLOQ (50 ng/mL) in Urine on Raptor EtG/EtS



Peaks	Precursor Ion	Product Ion	Product Ion
1. Ethyl-β-D-glucuronide	220.8	84.9	74.8
Ethyl sulfate	124.7	96.8	79.7

Column Raptor EtG/EtS (cat.# 9325A12)

Dimensions: 100 mm x 2.1 mm ID Particle Size:

 $^{2.7\,\mu\text{m}}_{\,\textrm{90 Å}}$ Pore Size:

Guard Column: UltraShield UHPLC precolumn filter, 0.2 µm frit (cat.# 25809)

Temp.: Sample 35 °C

Diluent:

0.1% Formic acid in water

A 50 ng/mL standard was prepared in urine. 50 µL of the standard was diluted with 950 µL of a working internal standard (25 ng/mL EtS-d5/100 ng/mL EtG-d5 in 0.1% formic acid in water). The sample was vortexed at 3500 rpm for 10 seconds to mix. The sample was then centrifuged at 3000 rpm for 5 minutes at Conc.:

10 °C. The autosampler needle was adjusted to inject from the supernatant.

10 µL

Inj. Vol.: Mobile Phase

0.1% Formic acid in water B: 0.1% Formic acid in acetonitrile

Time (min)	Flow (mL/min)	%A	%B
0.00	0.5	95	5
2.50	0.5	65	35
2.51	0.5	95	5
4.00	0.5	95	5

Detector MS/MS Ion Mode: MRM HPLC Mode: Instrument

Reference Standards Notes

Ethyl-β-D-glucuronide (cat.# 34101) Ethyl-β-D-glucuronide-d5 (cat.# 34102) Ethyl sulfate sodium salt (cat.# 34103) Ethyl sulfate-d5 sodium salt (cat.# 34104)

