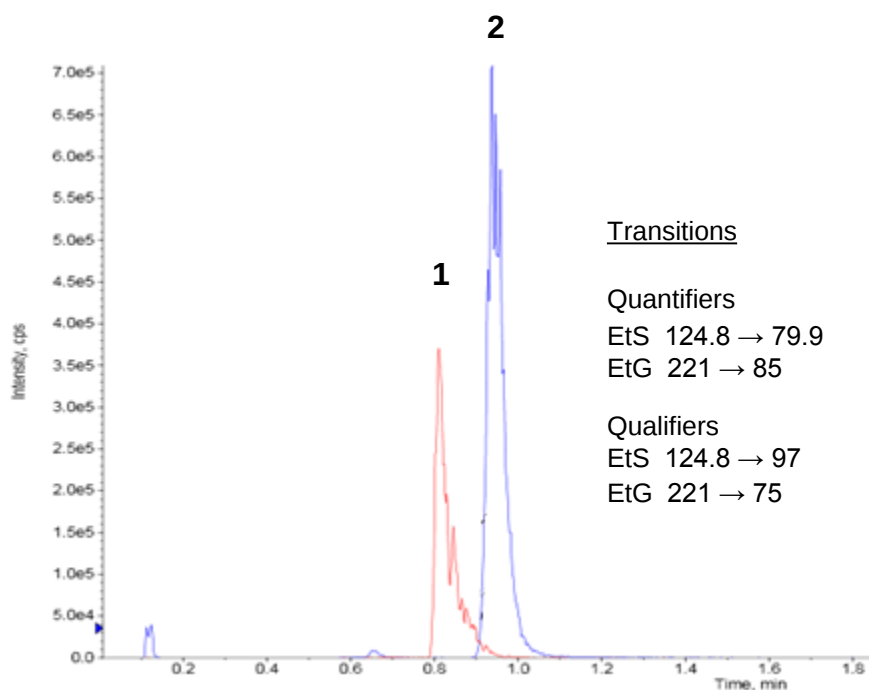


Conditions

Column: ACE Excel 1.7 C18
Dimensions: 100 x 2.1 mm
Part Number: EXL-171-1002U
Mobile Phase: A: 1 mM ammonium fluoride
B: MeCN

Time (mins)	%B
0.0	0
0.5	20
1.5	20
2.0	100
4.0	100
4.5	0

Flow Rate: 0.4 mL/min
Injection: 1 µL
Temperature: 40 °C
Detection: AB SCIEX triple quad 5500
Negative ESI MRM
Source temperature: 750 °C
IonSpray voltage: -4500 V



Transitions

Quantifiers

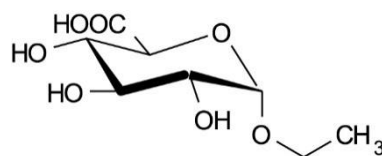
EtS 124.8 → 79.9

EtG 221 → 85

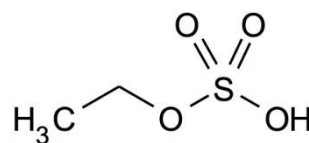
Qualifiers

EtS 124.8 → 97

EtG 221 → 75



1. Ethyl glucuronide (EtG)



2. Ethyl sulfate (EtS)

Fluoride counter-ion thought to enhance negative ESI response

Detection limit ~ 1 ng/mL in oral fluid