

CoreFocus
Report
No. 419

GC

FID

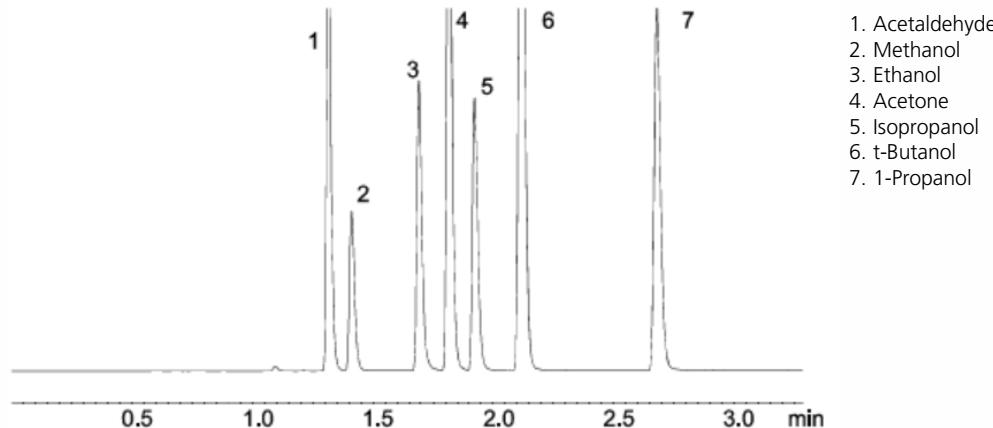
HS

SH Series

SH-BAC Plus 2

Analysis of Alcohol Compounds in Blood

Keywords: oxygenated compounds and alcohols, alcohol consumption, forensic medicine



Instrument	: GC-2010 Plus AF + HS-20
Column	: SH-BAC Plus 2 (30 m x 0.32 mmI.D. df = 0.60 μ m), P/N: 227-36263-01
Column Temp.	: 40 °C
Split Ratio	: 1:20
Detector	: FID, 250 °C
Carrier Gas	: He, 100 kPa
Makeup Gas	: He; 30 mL/min, H ₂ ; 40 mL/min, Air; 400 mL/min

Headspace	
Oven temp	: 85 °C
Vial Warming Time	: 15 min
Vial Pressurization Time	: 1 min
Injection Time	: 0.5 min
Sample Line Temp	: 150 °C
Vial Volume	: 20 mL
Vial Agitation	: Off
Vial Pressurization	: 100 kPa
Load Time	: 0.5 min
Needle Flash Time	: 0.5 min
Transfer Line Temp	: 150 °C

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