

药物分析


5-8

血液中酒精含量的顶空分析

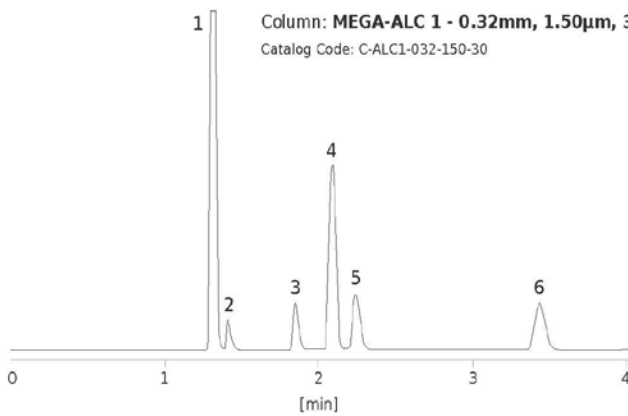
组份: 乙醛、甲醇、乙醇、丙酮、异丙醇、正丙醇

色谱柱: MEGA-ALC1 30m x 0.32mm 1.5um df
 订货号: C-ALC1-032-150-30

色谱柱: MEGA-ALC2 30m x 0.32mm 1.0um df
 订货号: C-ALC2-032-100-30



Column: MEGA-ALC 1 - 0.32mm, 1.50µm, 30m
 Catalog Code: C-ALC1-032-150-30



[min]

Blood Alcohol (Headspace)
 on MEGA-ALC 1 & MEGA-ALC 2


Conditions:

Injection: Split 250°C, 1.0mL with Gas Syringe.
 Sample: Headspace of a Blood Alcohol Mix hold 15min @ 80°C.
 Detector: FID 250°C.
 Oven Temp.: 40°C Isothermal.
 Carrier Gas: Hydrogen, 50 kPa.

Peaks on MEGA-ALC - 1:	Ret. Times [min]:
1. Acetaldehyde	1.30
2. Methanol	1.42
3. Ethanol	1.85
4. Acetone	2.09
5. Isopropanol	2.25
6. n-Propanol	3.44

Peaks on MEGA-ALC - 2:	Ret. Times [min]:
1. Acetaldehyde	1.07
2. Acetone	1.55
3. Methanol	2.22
4. Isopropanol	2.62
5. Ethanol	2.72
6. n-Propanol	5.10

Analysis carried out with DANI MASTER-GC.



MEGA s.n.c. - Capillary Columns Laboratory - Via Plinio, 29 - 20025 Legnano (MI) - Italy - Tel./Fax: (+39) 0331.54.79.24 - info@mega.mi.it

www.mega.mi.it

