

Furanic Compounds in Electrical Insulating Liquids (ASTM D5837) on 150 x 4.1 mm PRP-1, P/N 79444

Application #468

Chromatographic Conditions:

Packing Material: [PRP-1](#)

Column: 4.1 x 150 mm

Eluent A: 55% MeOH : H₂O

Eluent B: MeOH

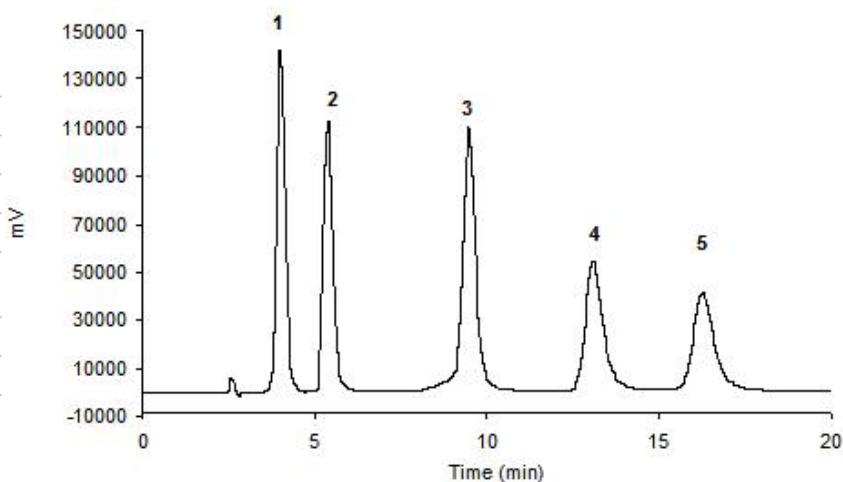
Gradient: 0 - 5 min, 0%B; 5 - 20 min 0 - 35% B

Flow Rate: 0.5 mL/min

Temperature: 40° C

Detection: UV: 277 nm (0-4.68 min), 217 nm (4.68-6.25 min), 277 nm (6.25-20 min)

Courtesy: George A. Hueber, National Grid USA-Lab & Testing Services - HCB1



Peak ID:	Compound:
1	5-Hydroxymethyl-2-Furaldehyde
2	Furfuryl Alcohol
3	2-Furaldehyde

Peak ID:	Compound:
4	2-Acetylfuran
5	5-Methyl-2-Furaldehyde