

Analysis of gases (C₁-C₄) and volatiles

Chromatography Note

AN0043

SCION GC-TCD

GC-TCD conditions

Injector	225°C, 1:50
Sample	50µL
Column	SCION-PLOT Q 25m x 0.53mm x 20µm
Oven Programme	40°C (3mins) to 150°C at 10°C/min
Carrier Gas	Helium 65kPa
TCD	250°C

Peak Identification

1	Carbon Monoxide
2	Methane
3	Carbon Dioxide
4	Ethylene
5	Ethane
6	Propylene
7	Propane
8	Butane

