

Chroma-S : H₂S, SO₂ and Methyl-SH analysis

Analytical conditions:

Analytical column : Carbopack B ; 120 cm ; id=1.6 mm

Carrier gas : Nitrogen (5.5) at 20 ml/min

FPD Air $\approx$ 80 ml/min

FPD Hydrogen $\approx$ 13 + 54 ml/min

FPD temperature = 130°C

Oven : 50 °C

Trap = NO

Critical orifice : No

Loop : 250 μ l

Sampling rate = 10 pts/s - Base Sensitivity = 25000

Program :

Cycle time : 420 seconds

Acquisition time : 300 seconds

Sampling time : 0 s

Amplification : low (1)

Integration parameters : slope=20; min area=500 ; drift=150

Sample : H₂S(2.2PPM), SO₂(1.5 PPM) and Me-SH(3.9PPM) (+/- 20 %)

