Chroma S - option COS
NPL cylinder analysis

1. Analytical conditions

Carrier gas: Air at 4 ml/min – Pressure: 209 hPa
Oven: metallic column; length = 30 + 4 m – **Temperature** = **35 °C**
Loop: 250 µl
Sample flow: – 80 ml/min
Detector: FPD dual flame - Temperature: 150 °C
Program: Amplification 2 - Cycle time: 600 seconds

Sample: Cylinder containing SO2, METHYL-SH, ETHYL-SH, DMS, CS2 and DES around 500 ppb (+/- 2%) diluted in air

- **Concentrations expected**:

DES	SO2	Methyl-SH	Ethyl-SH	DMS	CS2
23,49	23,26	22,30	23,12	22,25	23,62

2. Results