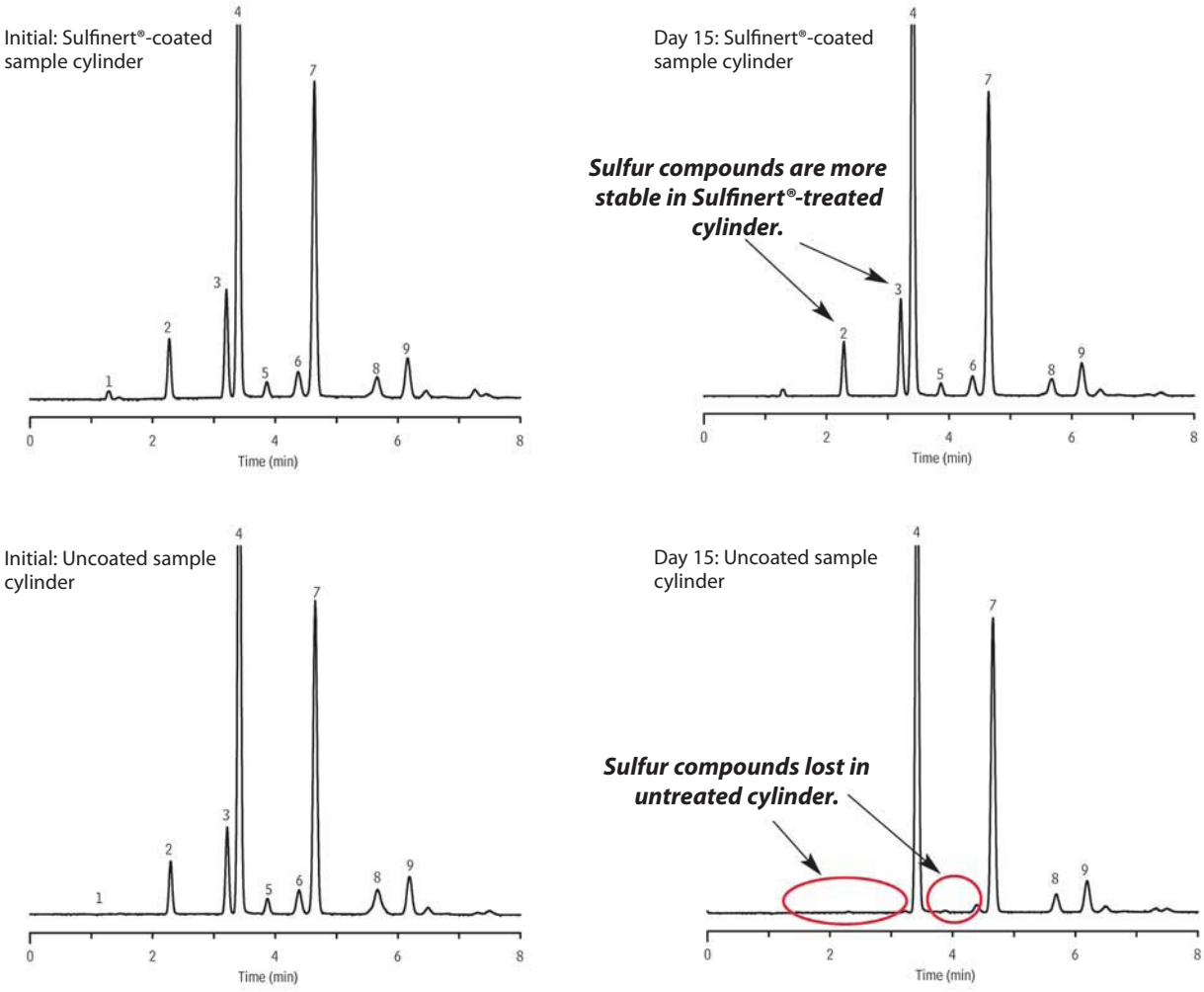
Sulfinert® Treatment Prevents Loss of Sulfur Compounds.



GC_PC1176

Peaks	RT (min)	Conc. (ppbv)
1. Hydrogen sulfide	1.287	20
2. Methyl mercaptan	2.269	200
3. Ethyl mercaptan	3.202	300
4. Dimethyl sulfide	3.398	2,000
5. 2-Propanethiol	3.863	50
6. 1-Propanethiol	4.373	100
7. Ethyl methyl sulfide	4.638	1,300
8. 2-Butanethiol	5.662	150
9. Diethyl sulfide	6.160	180

Column	Rtx®-1, 60 m, 0.53 mm ID, 7.00 µm (cat.# 10193)
Sample	Natural gas
Injection	
Inj. Vol.:	1,000 µL direct
Inj. Temp.:	30 °C
Oven	
Oven Temp:	30 °C (hold 1 min) to 100 °C at 30 °C/min (hold 60 min)
Carrier Gas	He, constant pressure
Linear Velocity:	96 cm/sec @ 30 °C
Detector	Sievers 355 SCD @ 800 °C
Hydrogen	
Flow Rate:	100 mL/min
Air Flow Rate:	40 mL/min
Instrument	HP5890 GC
Notes	Point of use samples were collected in either an uncoated sampling cylinder or a Sulfinert®-treated sampling cylinder. A Valco® sampling valve with a 1 mL loop was used.

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