

Notes on GCMS Overheads: Data Printouts

Mass scan:

date: 8/4/96; data file: gs0061 (minus background scan, gs0011)
book XX , p. 114 (index XX-4)

Ion source 1

Leak 2

75 mbar of nitrogen mixture with light hydrocarbons

(mixture number 1 on the overhead with mixtures listed)

Peaks:

Carbon dioxide:	12 and 44
Nitrogen:	7 and 14 and 28
Methane:	15 and 16
Acetylene:	25 and 26
Ethene:	27
Propane:	29
Ethane:	30
1,3-butadiene:	39 and 54
2-butene:	41 and 56
1-propene:	42
Butane:	43 and 58
Pentane:	57

flight electronics

GCMS traces:

date: 4/30/96; data file: ms3023; book V, p. 149 (index V-9)

Ion source 5

Column: MXT-1701 column

0.512 bar of helium mixture with light hydrocarbons

(mixture number 6 on the overhead with mixtures listed)

Sample volume 2; VG2 squirt = 250 ms

trace 29: propane, ethane

trace 56: 1-hexene