

## Supplementary materials

Table S1: SIM ions used in the GC-MS analysis

Compound	Quantitation ion <i>m/z</i>	Confirmation ions <i>m/z</i>
Ethanethiol	62	61
Dimethyl sulfide	62	61
1-Propanethiol	76	43, 47
Diethyl sulfide	75	47, 90
1-Butanethiol	41	56, 90
Dimethyl disulfide	94	45, 79
Ethyl thioacetate	43	45, 104
1-Pentanethiol	42	55, 70
Dipropyl sulfide	43	89, 118
Diethyl disulfide	122	66, 29
Thiophenol	110	66, 109
2-Methyltetrahydrothiophene-3-one	60	45, 116
3-Thiophenecarboxaldehyde	111	39, 112
2-Thiophenecarboxaldehyde	111	39, 112
Ethyl 3-(methylthio)propionate	74	61, 148
Dibutyl sulfide	61	29, 56
Dipropyl disulfide	43	108, 150
Benzothiazole	135	69, 108