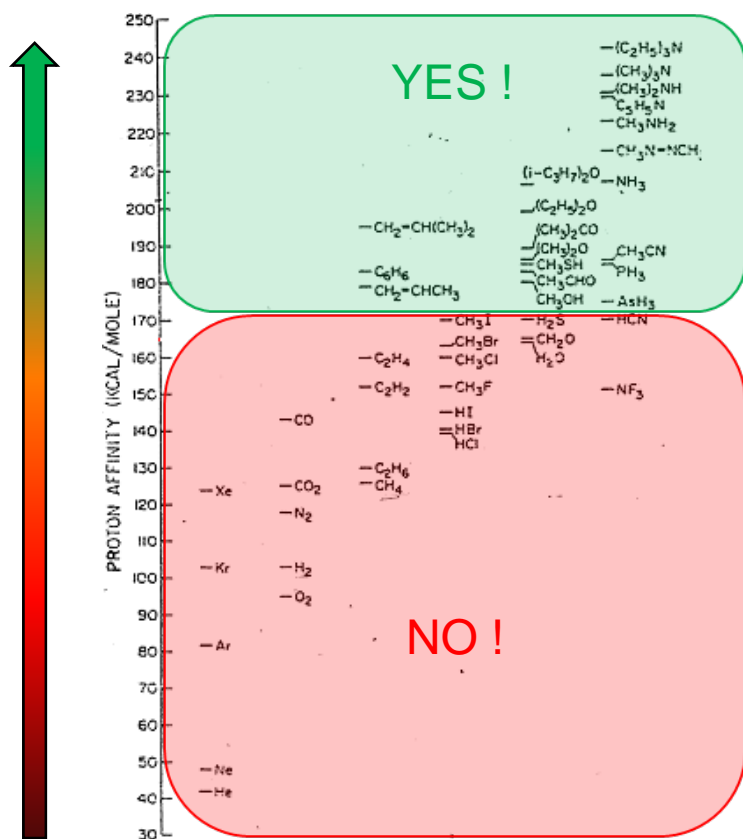


# Which compounds can be monitored?



compound	mass/mol [g]	proton affinity [kcal/mol]	proton affinity [eV]
helium	4	42.5	1.84
argon	40	88.6	3.85
O <sub>2</sub>	32	100.9	4.38
H <sub>2</sub>	2	101.3	4.40
N <sub>2</sub>	28	118.2	5.13
CO <sub>2</sub>	44	130.9	5.68
CO	28	141.9	6.16
H <sub>2</sub> O	18	166.5	7.23
formaldehyde	30	171.8	7.46
formic acid	46	178.8	7.76
methanol	32	181.9	7.89
acetaldehyde	44	186.6	8.10
methanthiol	48	187.4	8.13
ethanol	46	188.3	8.17
methylformeat	60	188.4	8.18
propionaldehyde	58	189.6	8.23
acetic acid	60	190.2	8.25
acetone	58	196.7	8.54
methylethylketone	72	199.8	8.67
dimethylsulfide	62	200.6	8.70
...	...	...	...