

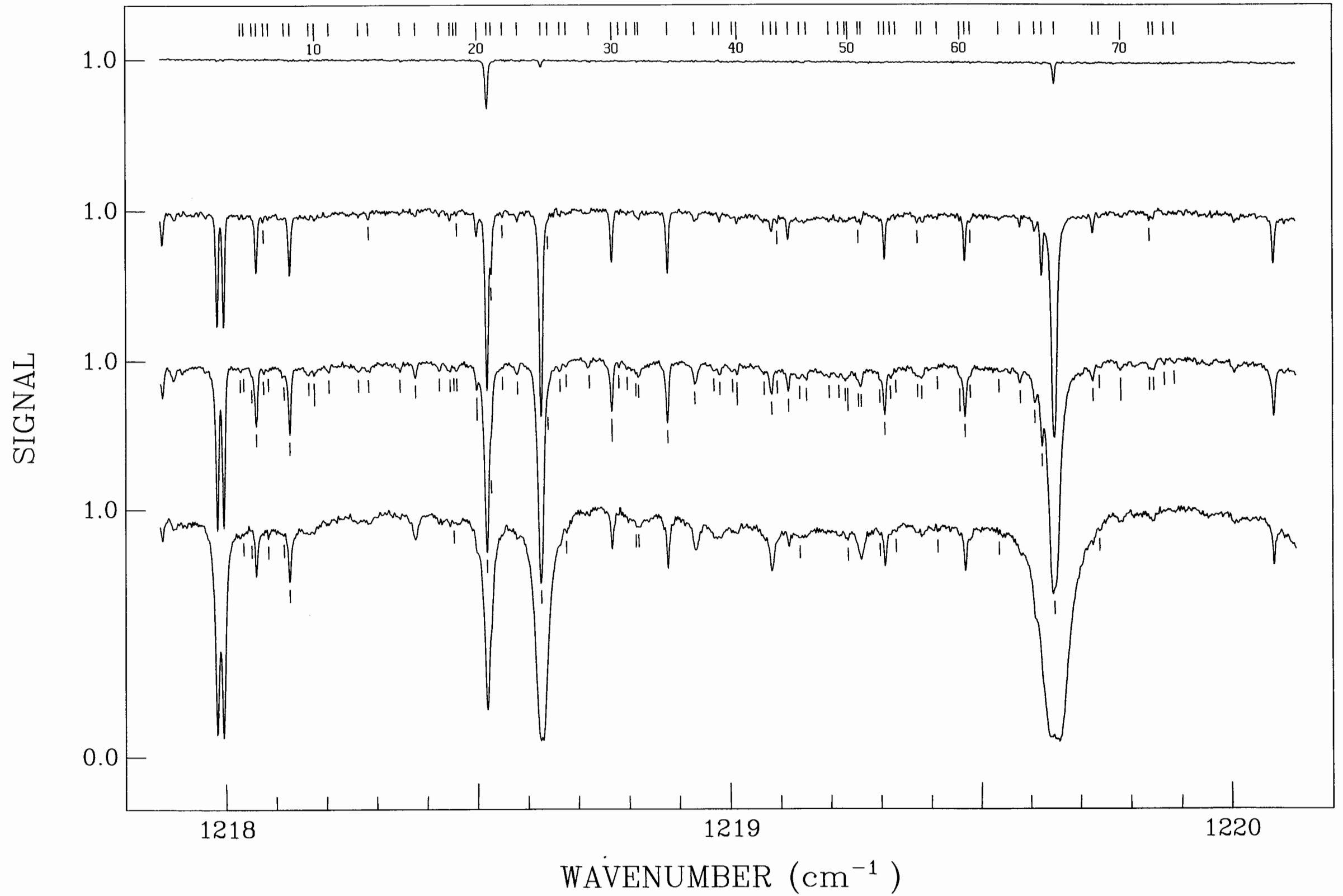
6 JUNE 1988

37.3KM 68.0°

36.75KM 93.34°

36.63KM 94.07°

36.47KM 94.81°



1218-1220 cm<sup>-1</sup>

Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification	Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification
1	1218.0282	HNO <sub>3</sub>	30	1218.7668	O <sub>3</sub>
2	1218.0348	?	31	1218.7808	?
3	1218.0510	HNO <sub>3</sub> ? + O <sub>3</sub> ?	32	1218.7971	HNO <sub>3</sub>
4	1218.0605	O <sub>3</sub> , HNO <sub>3</sub>	33	1218.8145	CO <sub>2</sub> + HNO <sub>3</sub>
5	1218.0746	O <sub>3</sub>	34	1218.8198	HNO <sub>3</sub>
6	1218.0842	N <sub>2</sub> O, CO <sub>2</sub> + O <sub>3</sub> ?	35	1218.8773	O <sub>3</sub> + HNO <sub>3</sub> ?
7	1218.1158	HNO <sub>3</sub>	36	1218.9310	CH <sub>4</sub> + HNO <sub>3</sub>
8	1218.1270	O <sub>3</sub> + HNO <sub>3</sub>	37	1218.9683	CH <sub>4</sub>
9	1218.1649	HNO <sub>3</sub>	38	1218.9805	HNO <sub>3</sub> + O <sub>3</sub> ? + N <sub>2</sub> O?
10	1218.1757	HNO <sub>3</sub>	39	1219.0055	HNO <sub>3</sub>
11	1218.2051	HNO <sub>3</sub>	40	1219.0147	O <sub>3</sub>
12	1218.2644	HNO <sub>3</sub>	41	1219.0684	HNO <sub>3</sub>
13	1218.2843	HNO <sub>3</sub>	42	1219.0830	CH <sub>4</sub>
14	1218.3466	HNO <sub>3</sub>	43	1219.0944	HNO <sub>3</sub>
15	1218.3772	N <sub>2</sub> O	44	1219.1166	O <sub>3</sub>
16	1218.4245	HNO <sub>3</sub>	45	1219.1384	HNO <sub>3</sub>
17	1218.4460	O <sub>3</sub> + HNO <sub>3</sub>	46	1219.1526	HNO <sub>3</sub>
18	1218.4530	HNO <sub>3</sub>	47	1219.1982	HNO <sub>3</sub>
19	1218.4593	HNO <sub>3</sub>	48	1219.2167	HNO <sub>3</sub>
20	1218.4994	O <sub>3</sub>	49	1219.2303	HNO <sub>3</sub> + CH <sub>4</sub> ?
21	1218.5198	H <sub>2</sub> O + O <sub>3</sub> + HNO <sub>3</sub> ?	50	1219.2343	?
22	1218.5281	O <sub>3</sub> + H <sub>2</sub> O	51	1219.2562	O <sub>3</sub> + N <sub>2</sub> O?
23	1218.5505	HNO <sub>3</sub>	52	1219.2611	N <sub>2</sub> O
24	1218.5798	HNO <sub>3</sub> + H <sub>2</sub> O?	53	1219.2984	HNO <sub>3</sub>
25	1218.6268	CH <sub>4</sub>	54	1219.3083	O <sub>3</sub>
26	1218.6403	HNO <sub>3</sub>	55	1219.3197	HNO <sub>3</sub>
27	1218.6647	CO <sub>2</sub> + O <sub>3</sub> + CH <sub>4</sub>	56	1219.3301	COF <sub>2</sub> ?
28	1218.6765	HNO <sub>3</sub>	57	1219.3734	HNO <sub>3</sub>
29	1218.7220	HNO <sub>3</sub>	58	1219.3818	HNO <sub>3</sub> + O <sub>3</sub>

1218-1220  $\text{cm}^{-1}$ 

Seq. No.	$\nu$ (observed) ( $\text{cm}^{-1}$ )	Identification
59	1219.4127	$\text{CO}_2? + \text{HNO}_3?$
60	1219.4575	$\text{HNO}_3$
61	1219.4682	$\text{O}_3 + \text{HNO}_3$
62	1219.4788	$\text{HNO}_3$
63	1219.5361	$\text{HNO}_3?$
64	1219.5796	$\text{O}_3 + \text{HNO}_3$
65	1219.6096	$\text{HNO}_3 + \text{CH}_4$
66	1219.6240	$\text{O}_3$
67	1219.6489	$\text{CH}_4 + \text{HNO}_3?$
68	1219.7254	$\text{O}_3$
69	1219.7386	$\text{HNO}_3?$
70	1219.7803	$\text{HNO}_3$
71	1219.8384	$\text{HNO}_3 + \text{O}_3$
72	1219.8464	$\text{HNO}_3$
73	1219.8674	$\text{COF}_2?$
74	1219.8866	$\text{HNO}_3?$