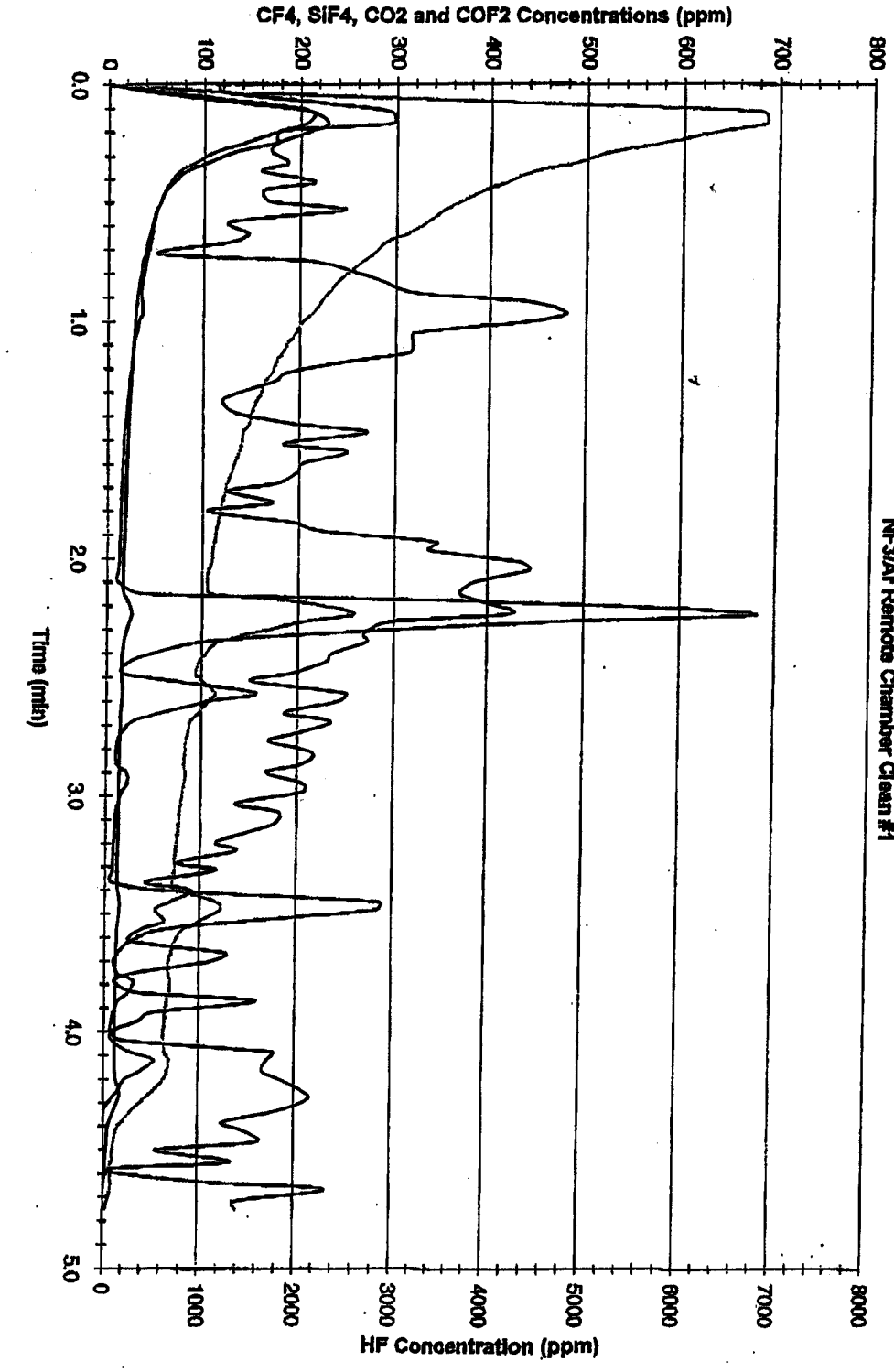


Figure 1. FTIR Effluent Profiles for NF_3/Ar Remote Clean

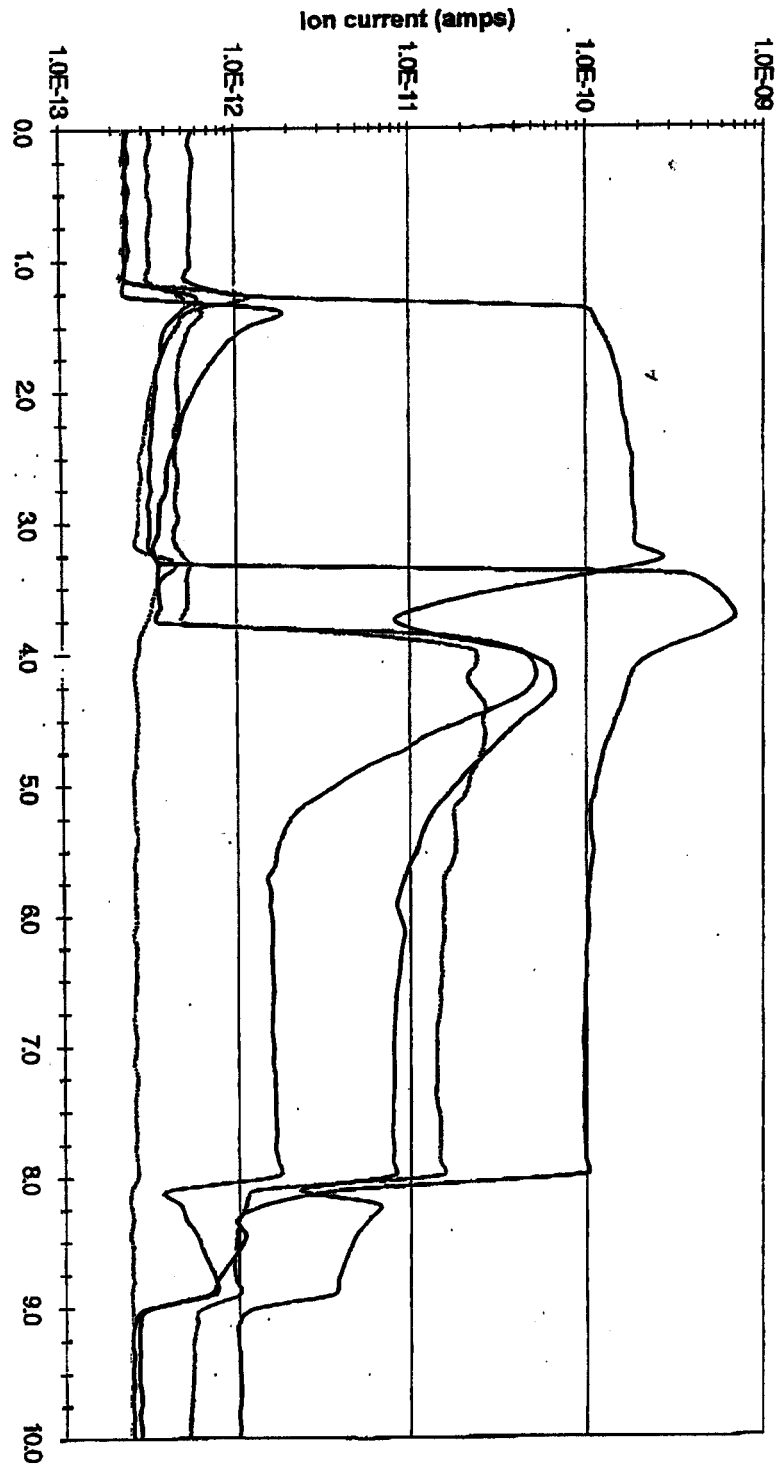


Figure 2a. QMS Effluent Profiles for $NF_3/O_2/Ar$ Remote Clean with O_2/NF_3 Ratio = 4 and Pressure = 2.5 torr

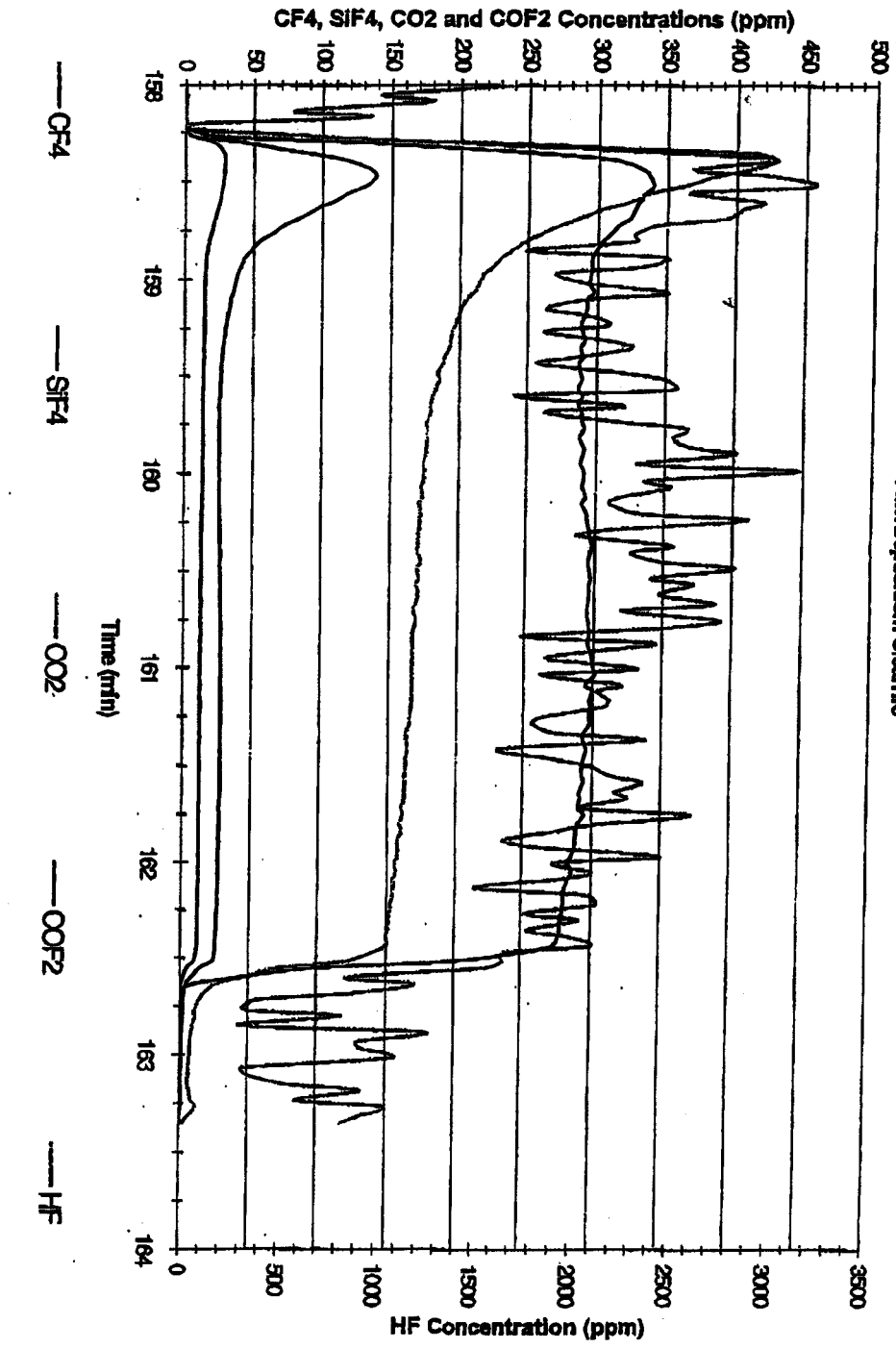


Figure 2b. FTIR Effluent Profiles for $NF_3/O_2/Ar$ Remote Clean with O_2/NF_3 Ratio = 4 and Pressure = 2.5 torr

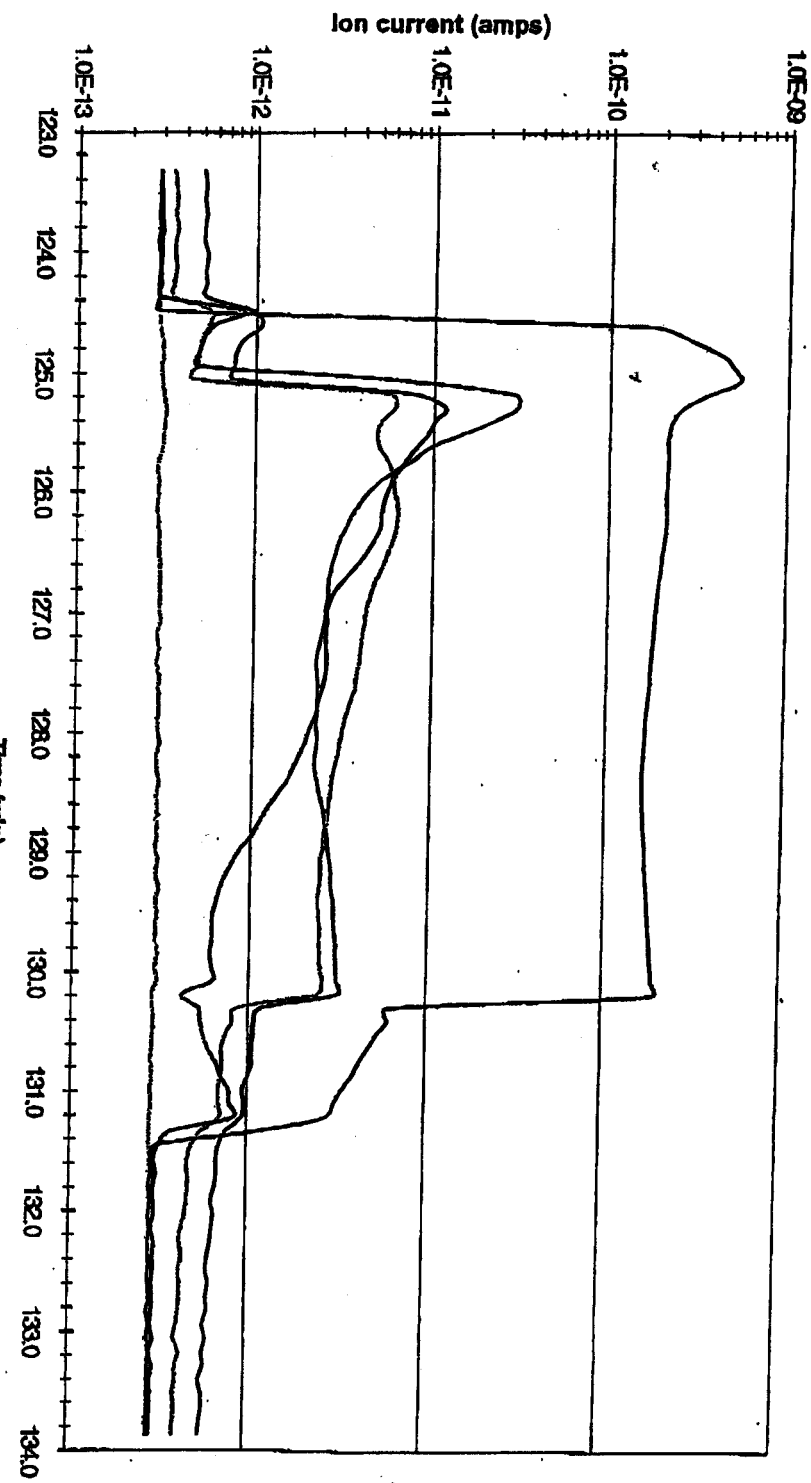


Figure 3a. QMS Effluent Profiles for NF_3/Ar (No Oxygen) Remote Plasma Clean with RF Assist at Pressure = 2.5 torr

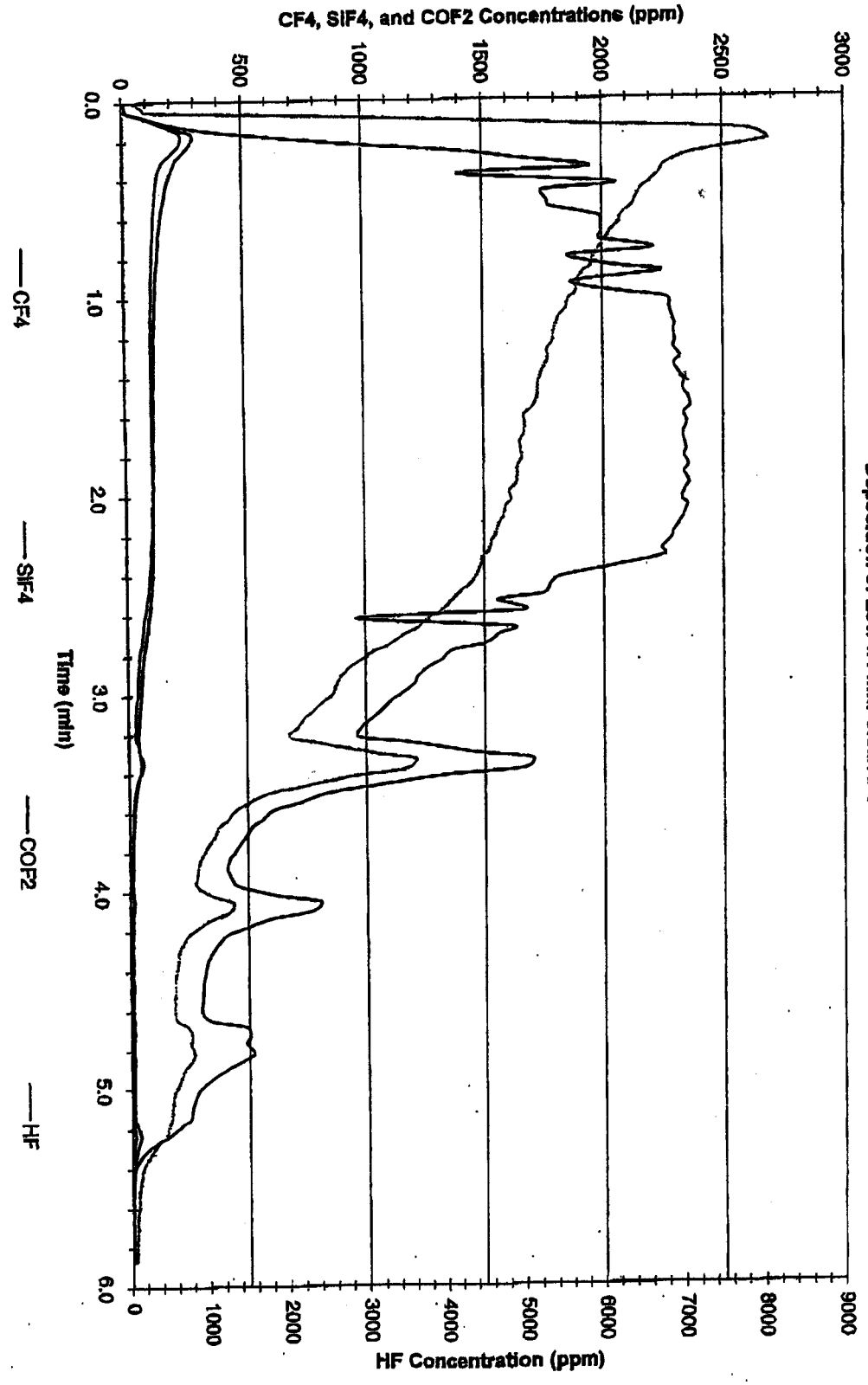


Figure 3b. FTIR Effluent Profiles for NF_3/Ar (No Oxygen) Remote Plasma Clean with RF Assist at Pressure = 2.5 torr

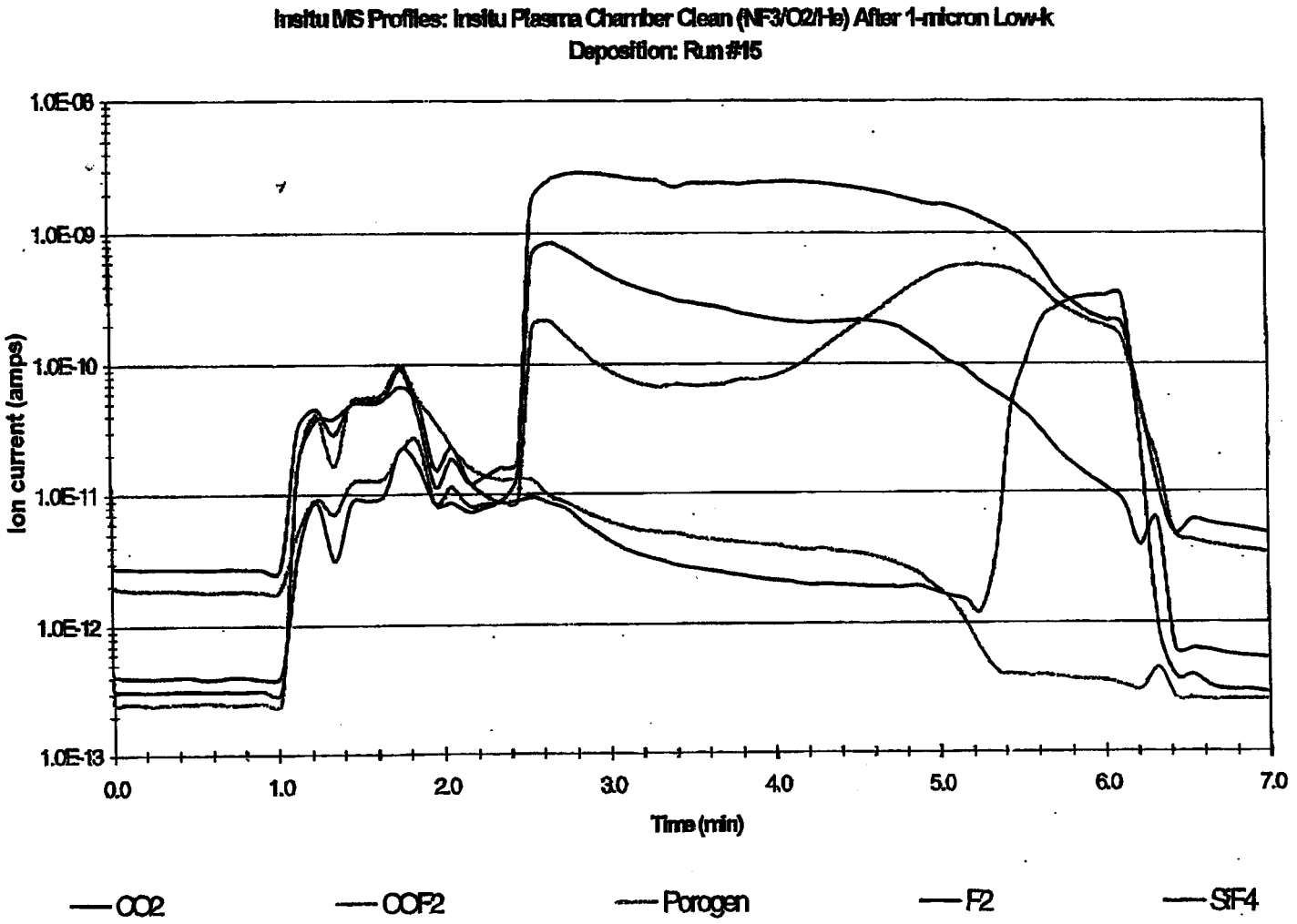


Figure 4a. QMS Effluent Profiles for NF_3/O_2/He In Situ Clean with O_2/NF_3 Ratio = 3 and Pressure = 2.0 torr

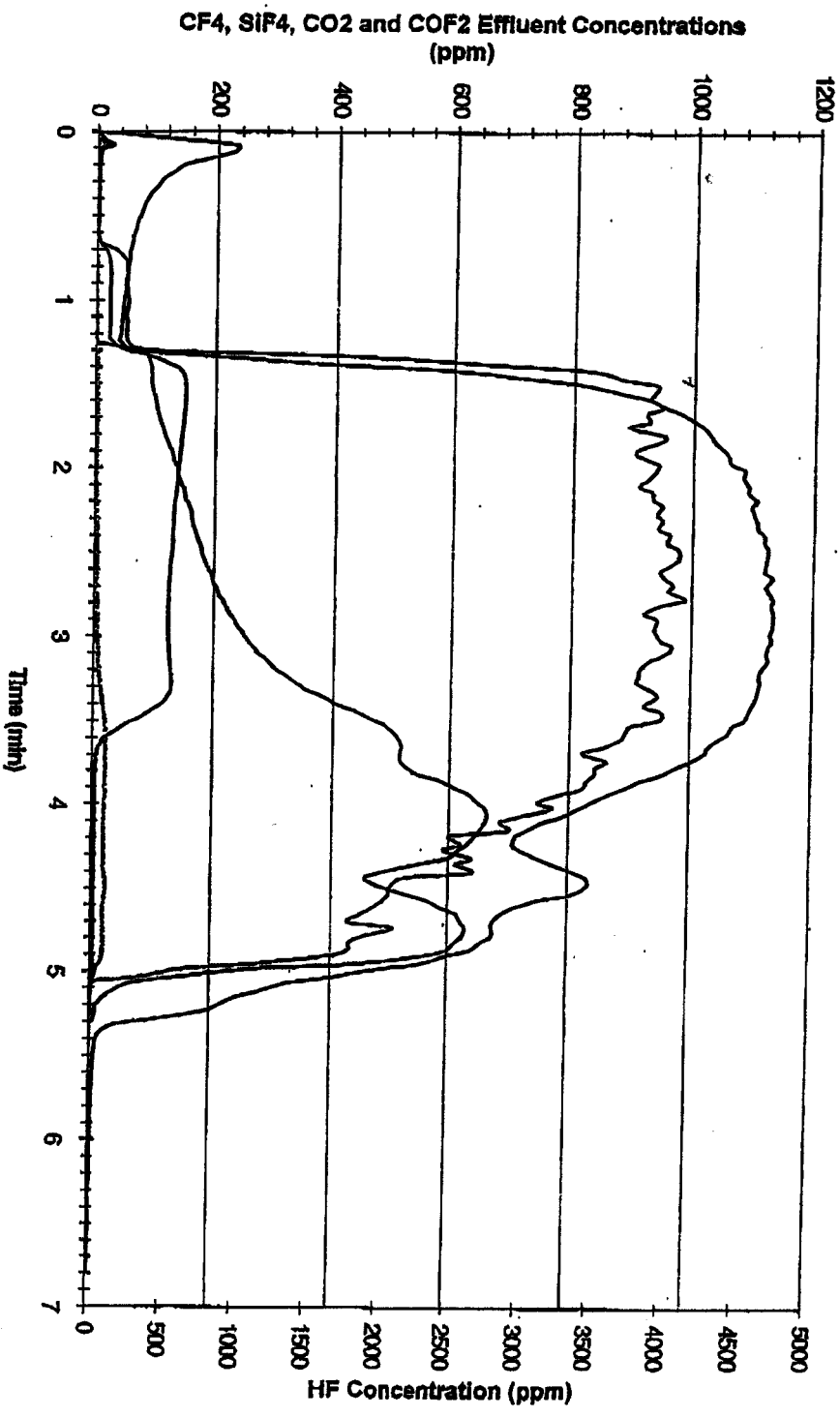


Figure 4b. FTIR Effluent Profiles for $NF_3/O_2/He$ In Situ Clean with O_2/NF_3 Ratio = 3 and Pressure = 2.0 torr

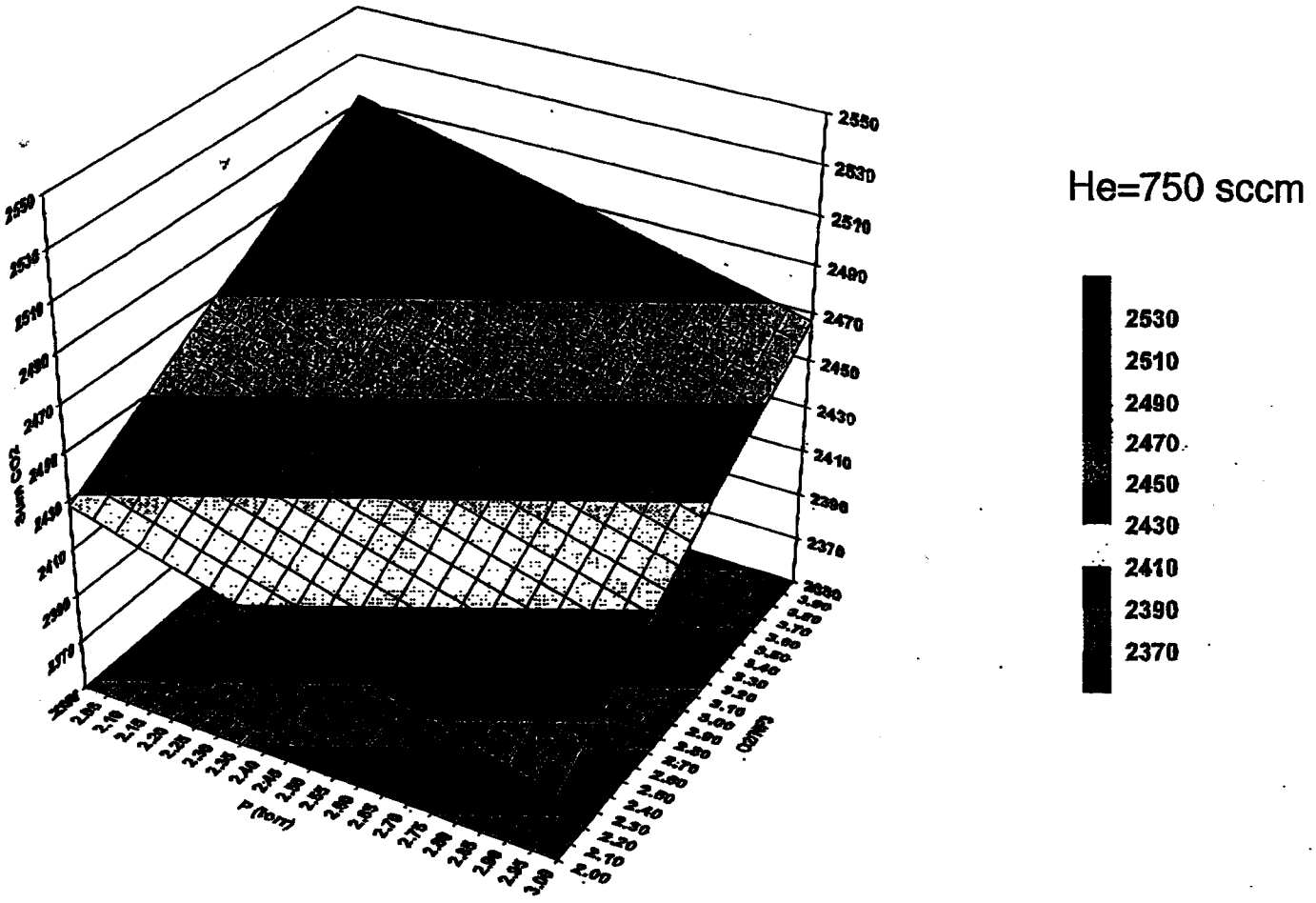


Figure 5a. CO_2 Effluent Volume as a Function of O_2/NF_3 Ratio and Chamber Pressure with Helium Flow Rate = 750 sccm

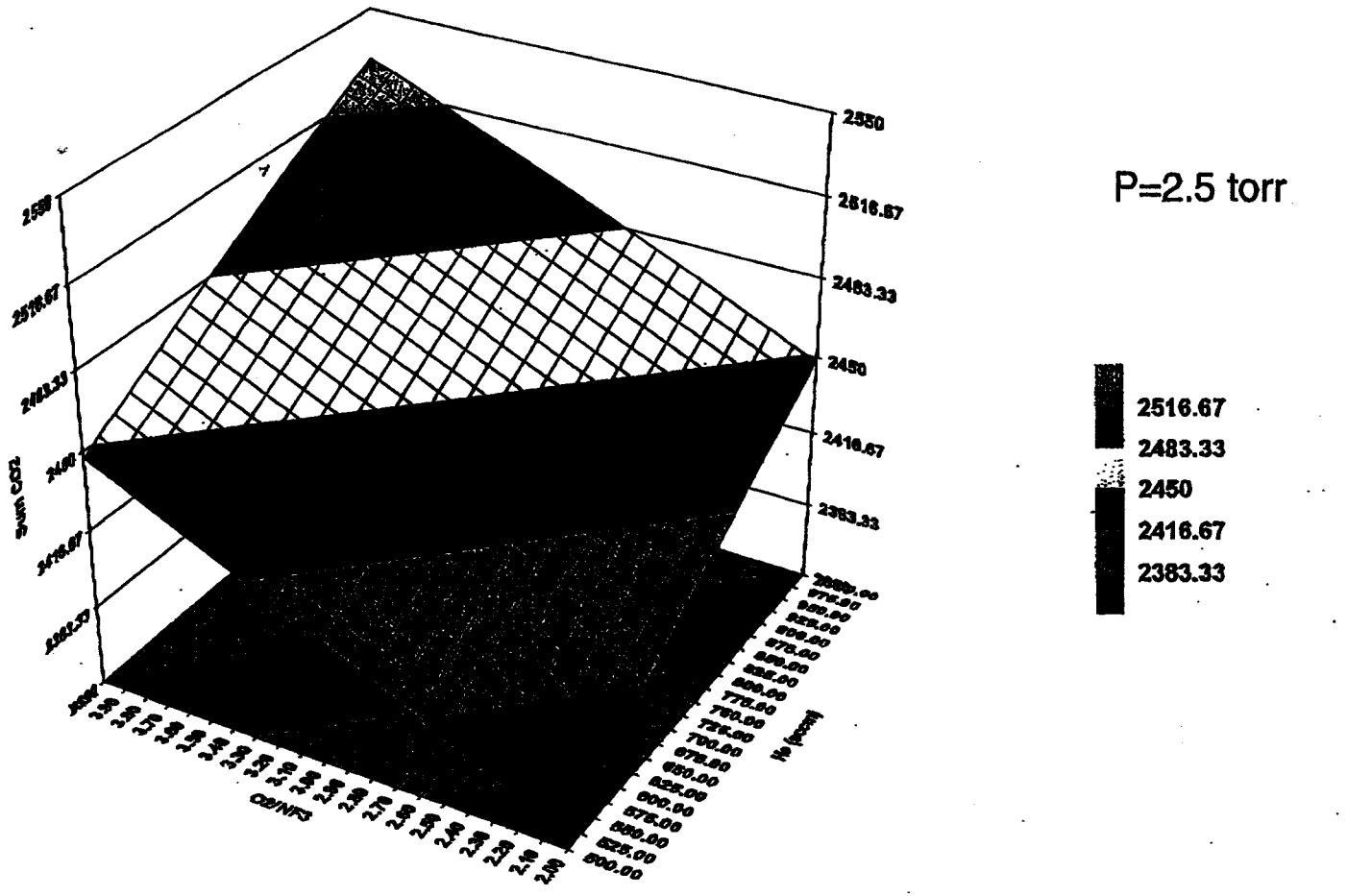


Figure 5b. CO_2 Effluent Volume as a Function of O_2/NF_3 Ratio and Helium Flow Rate at P = 2.5 torr

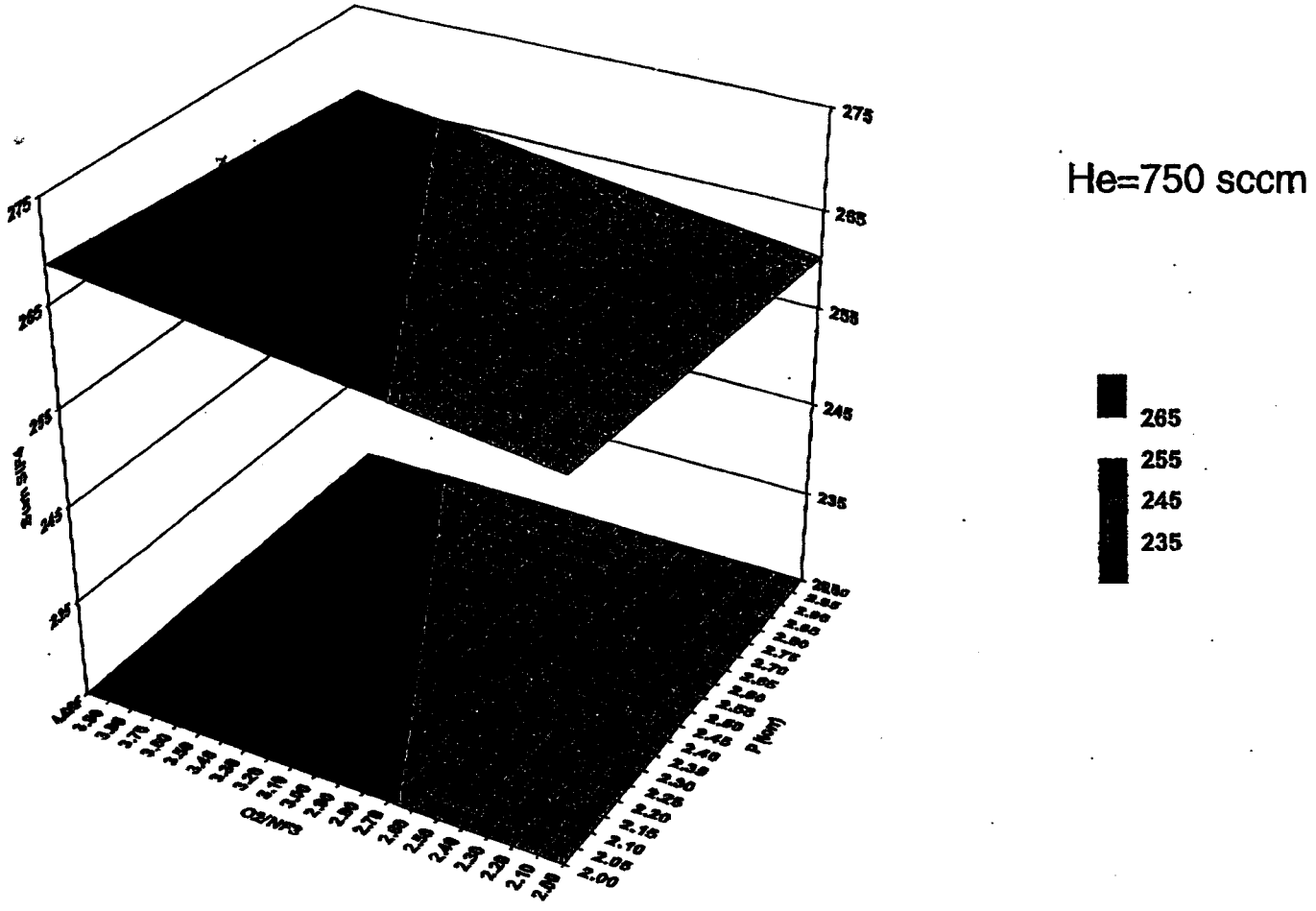


Figure 5c. SiF_4 Effluent Volume as a Function of O_2/NF_3 Ratio and Chamber Pressure with Helium Flow Rate = 750 sccm

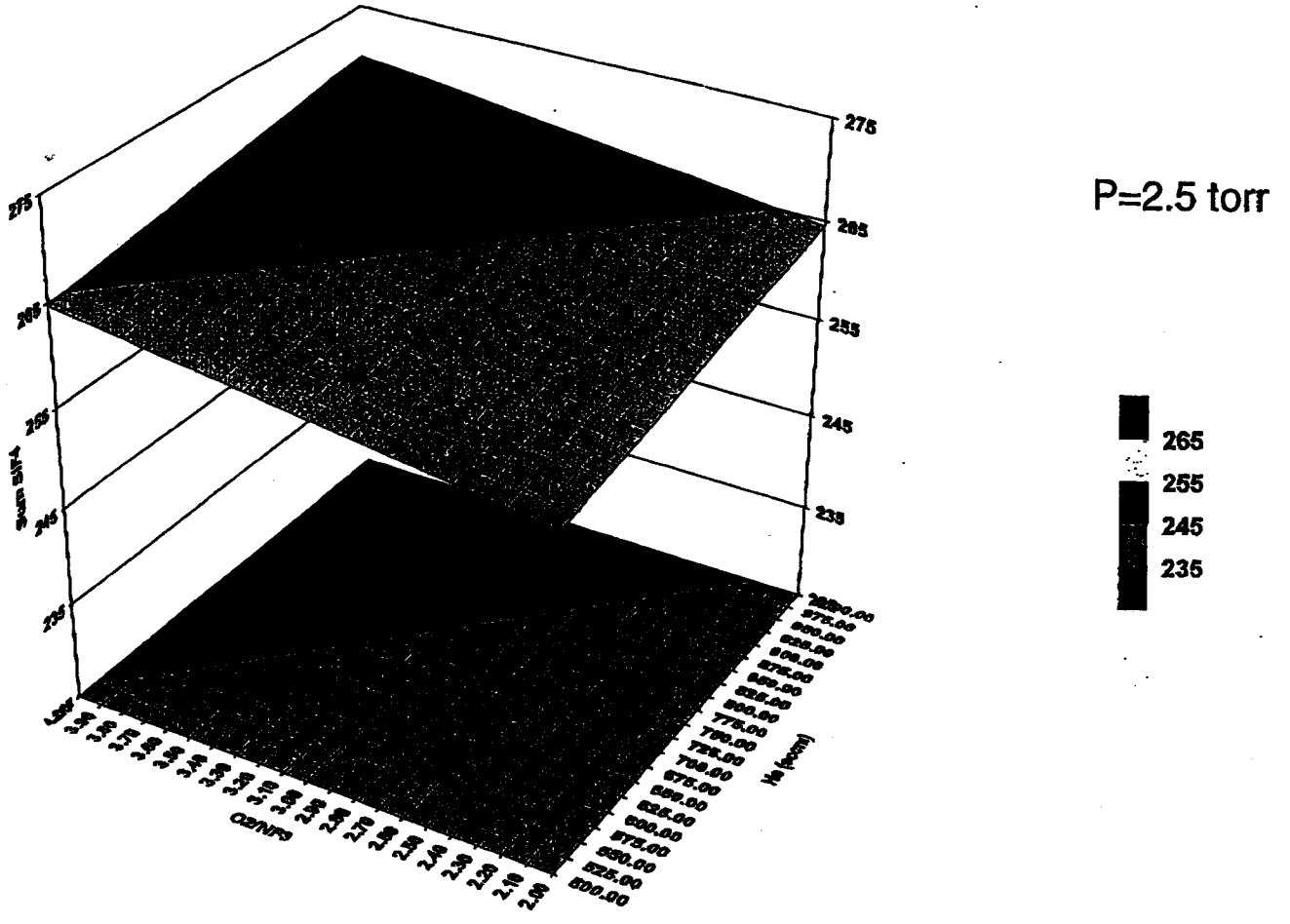


Figure 5d. SiF_4 Effluent Volume as a Function of O_2/NF_3 Ratio and Helium Flow Rate at P = 2.5 torr

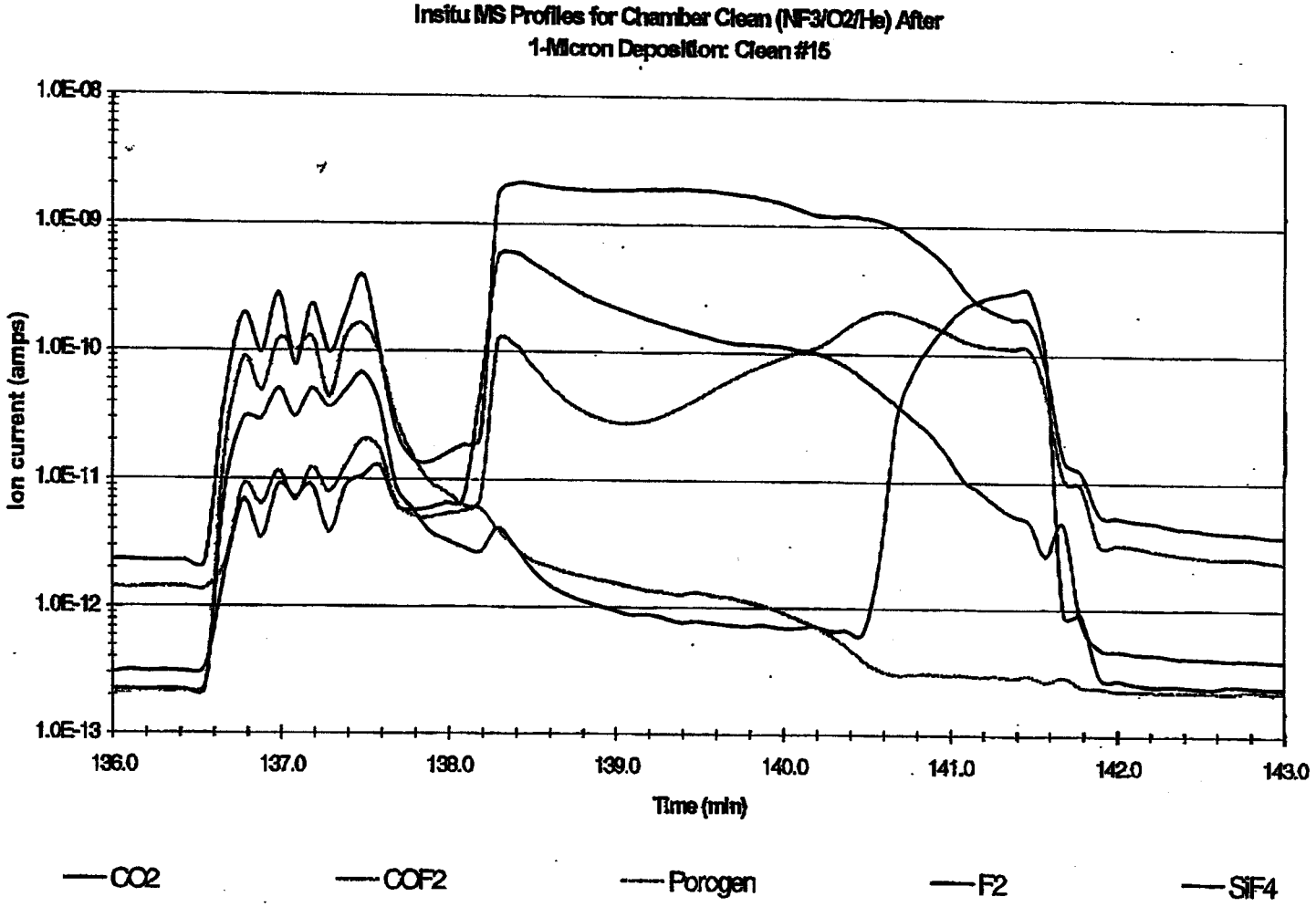


Figure 5e. QMS Effluent Profiles for NF_3/O_2/He In Situ Clean with O_2/NF_3 Ratio = 4 and Pressure = 2.0 torr

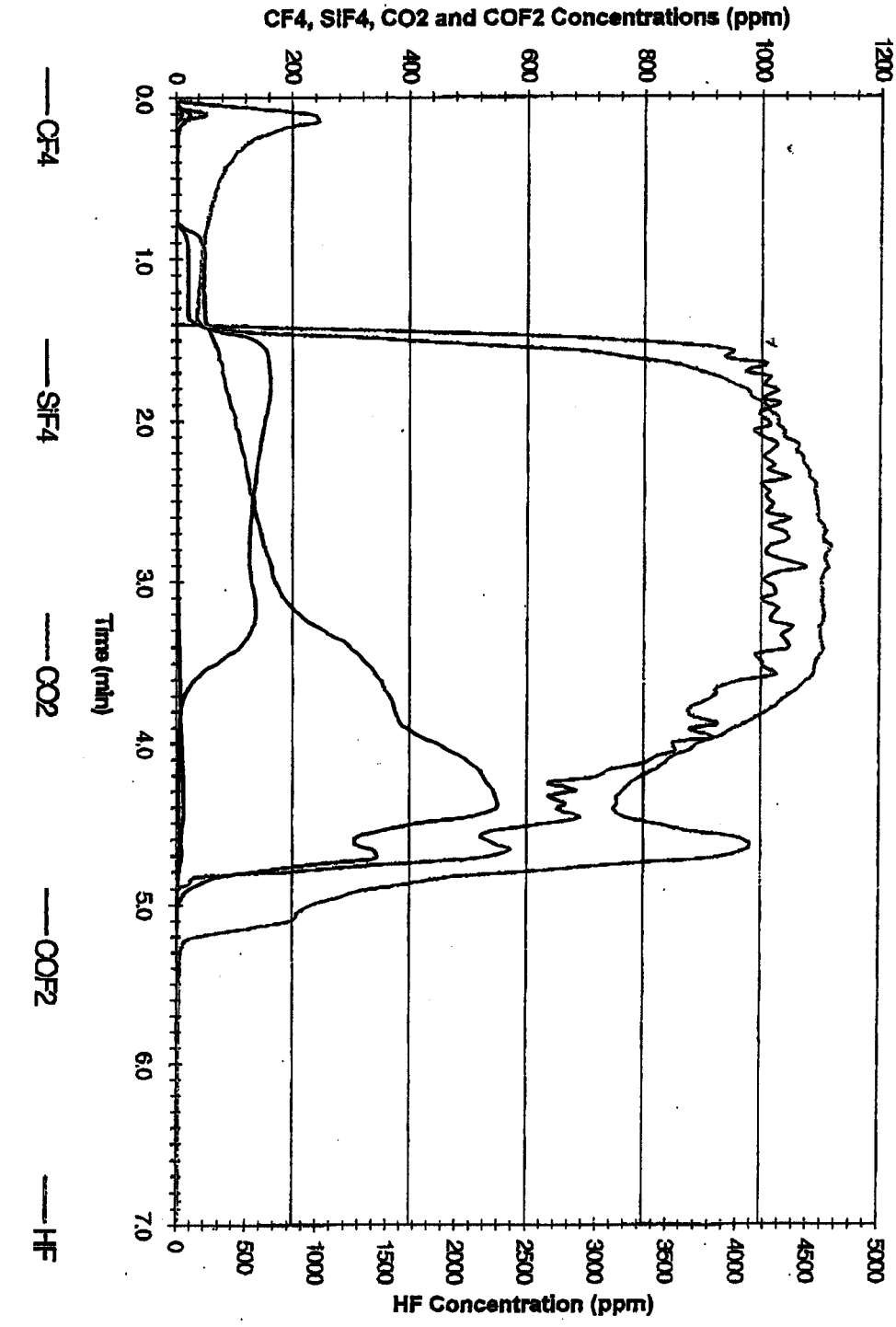


Figure 5f. FTIR Effluent Profiles for NF_3/O_2/He In Situ Clean with O_2/NF_3 Ratio = 4 and Pressure = 2.0 torr

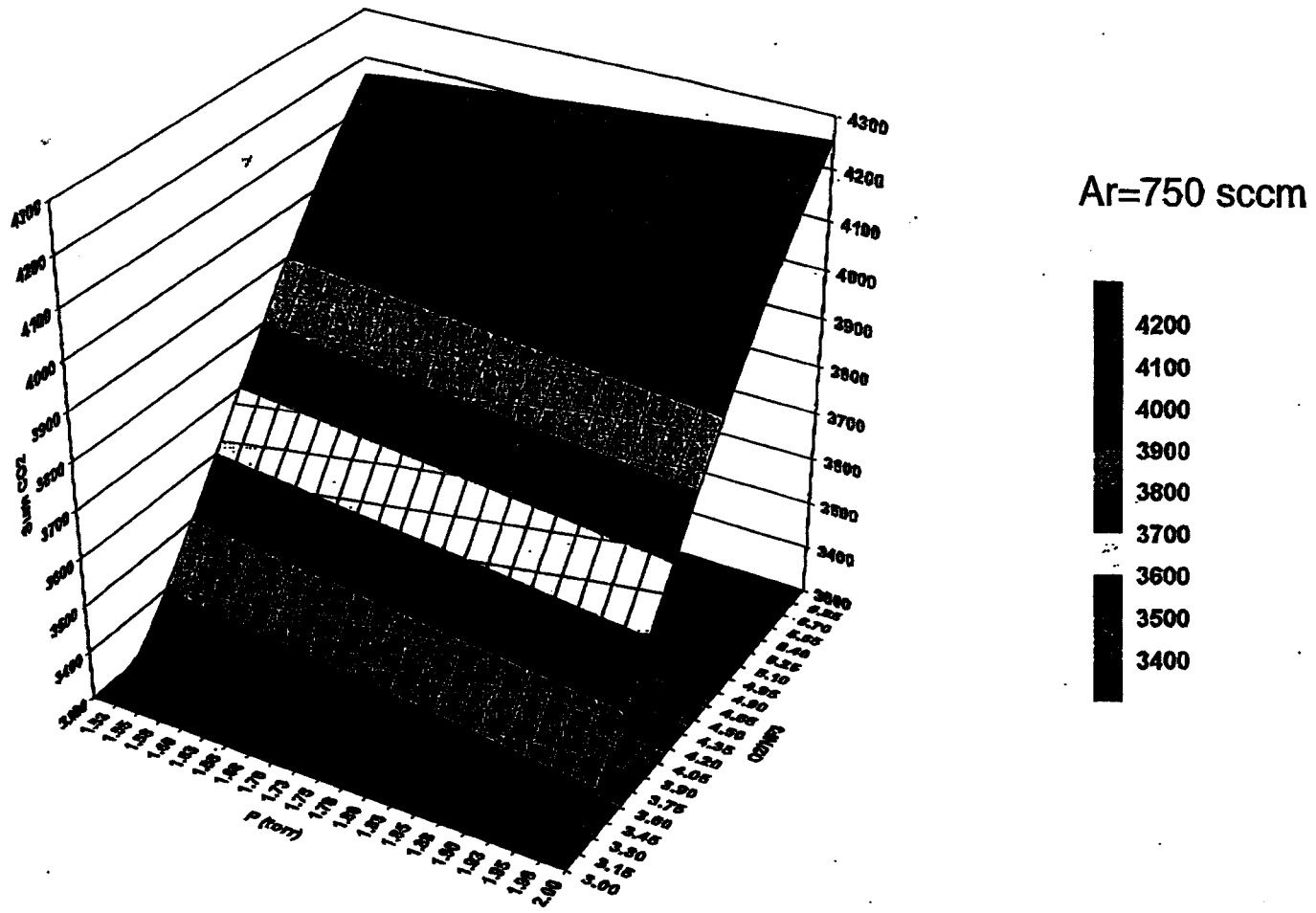


Figure 5g. CO_2 Effluent Volume as a Function of O_2/NF_3 Ratio and Chamber Pressure with Argon Flow Rate = 750 sccm

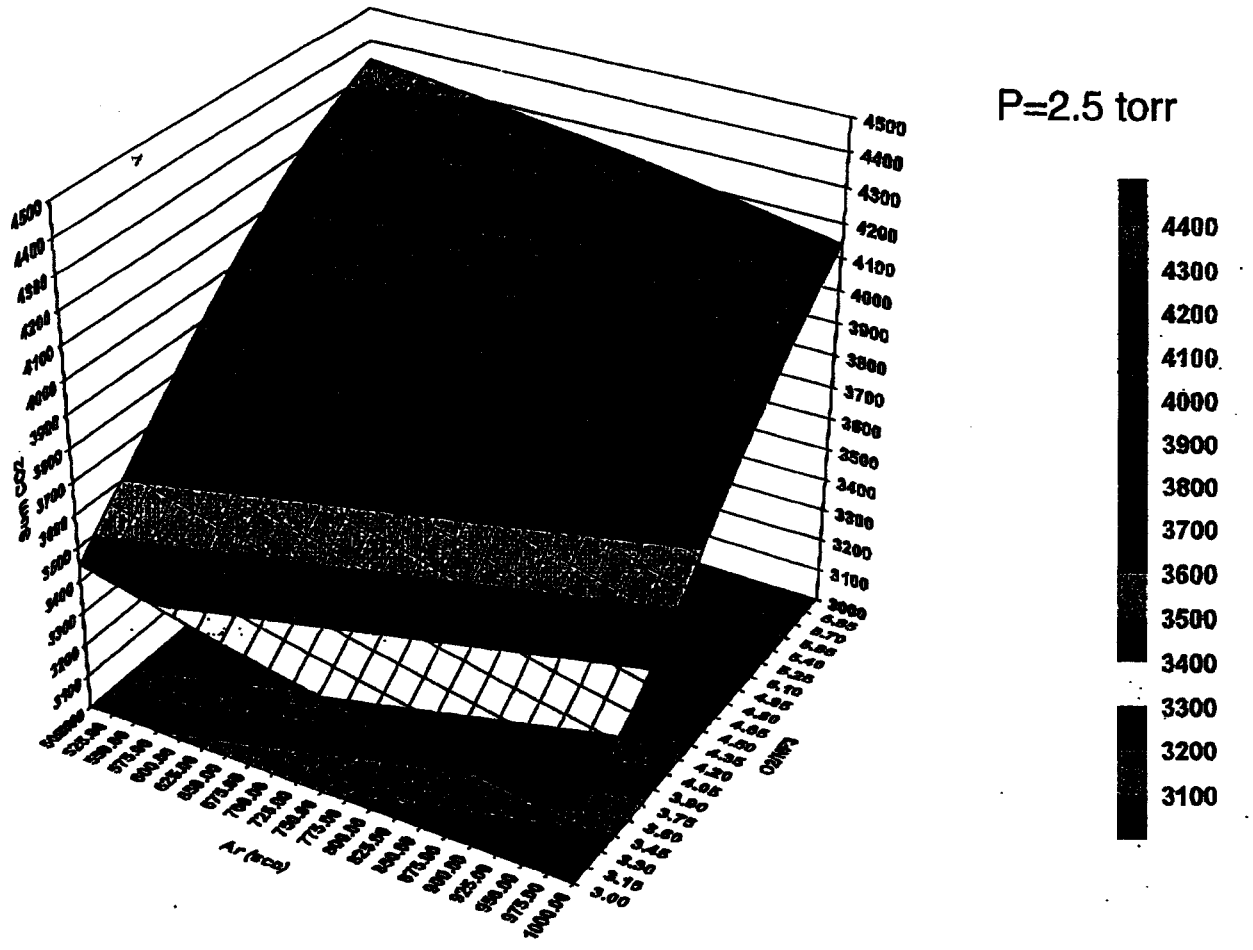


Figure 5h. CO_2 Effluent Volume as a Function of O_2/NF_3 Ratio and Argon Flow Rate at P = 2.5 torr

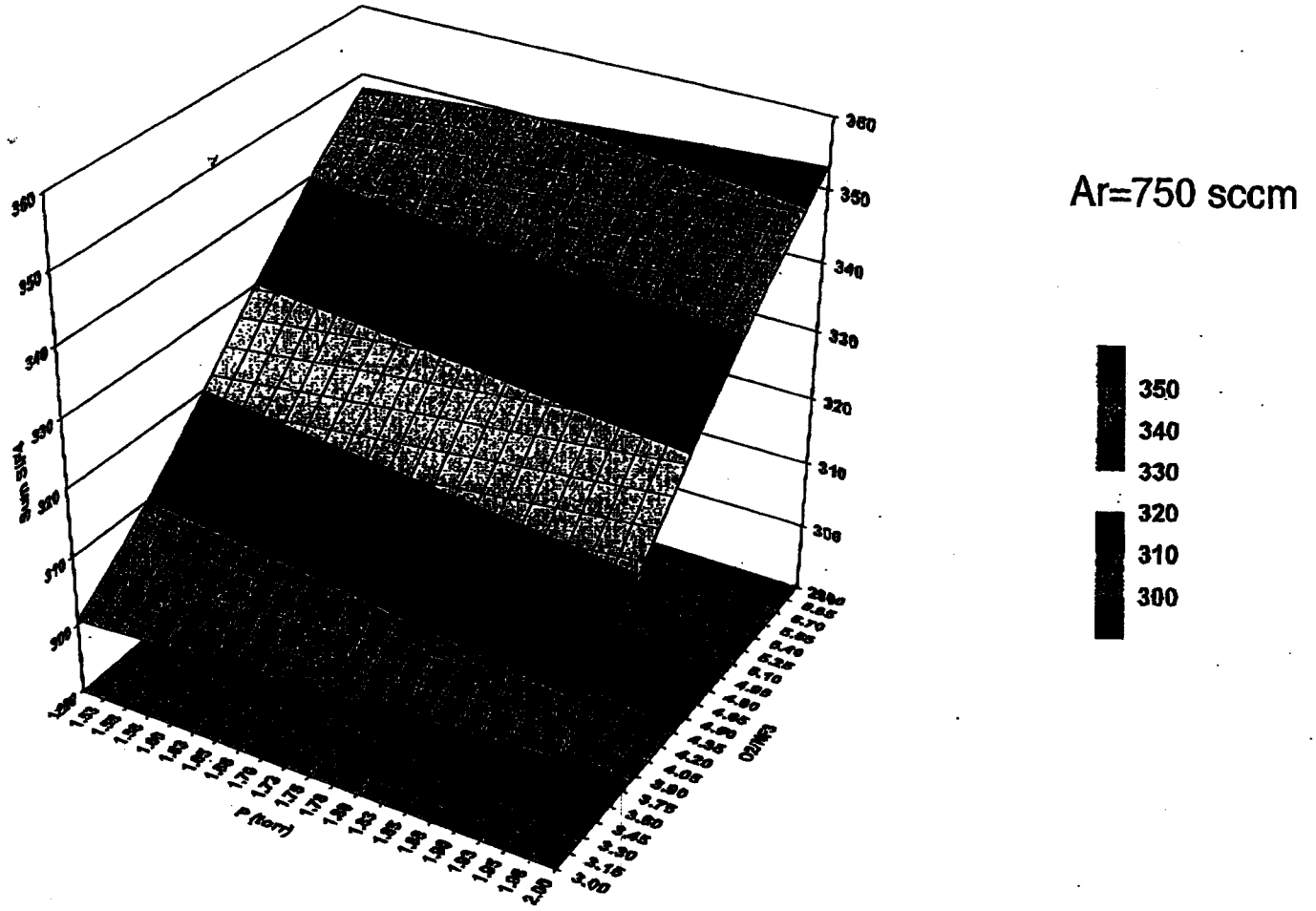


Figure 5i. SiF_4 Effluent Volume as a Function of O_2/NF_3 Ratio and Chamber Pressure with Argon Flow Rate = 750 sccm

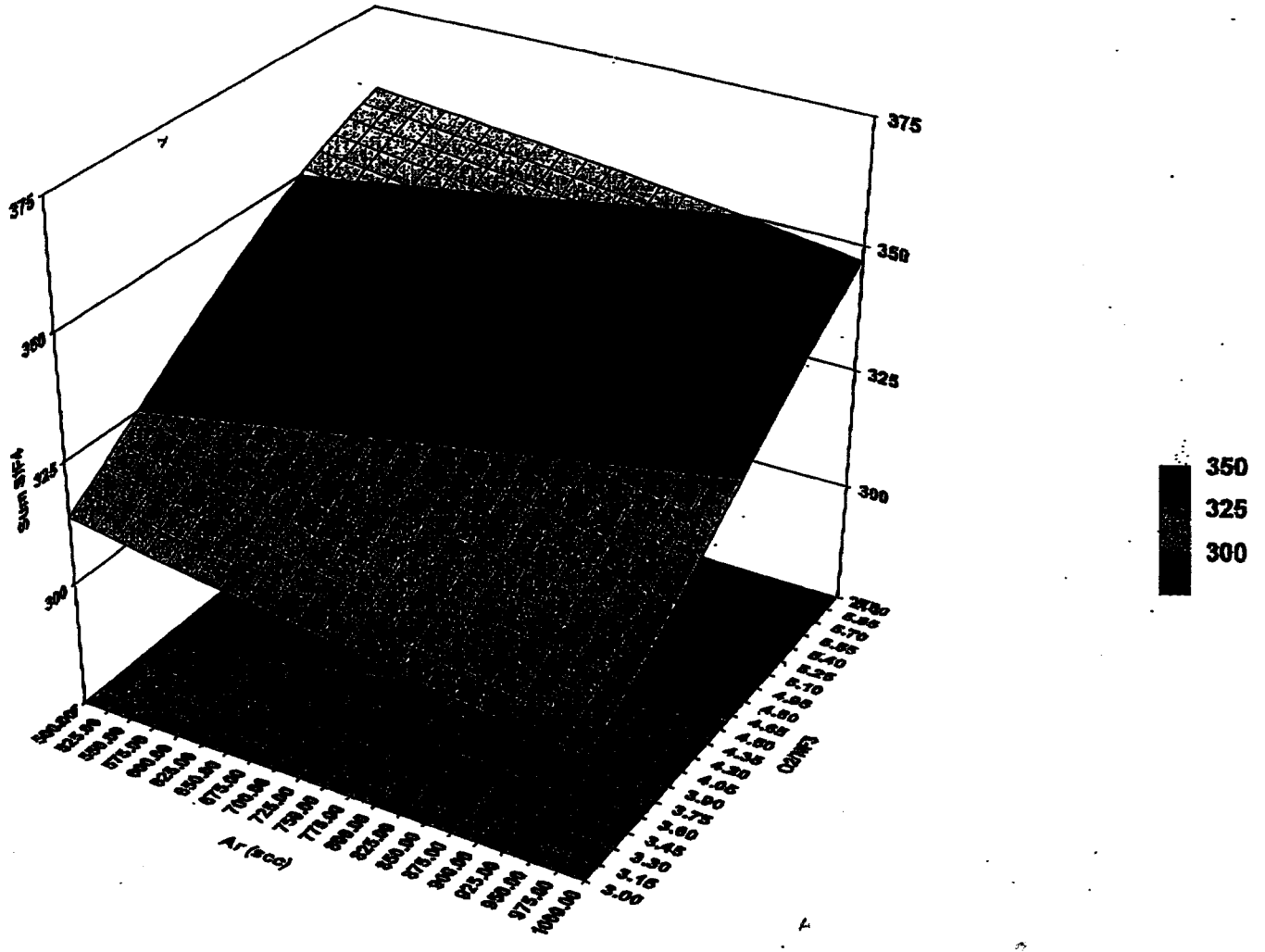


Figure 5j. SiF_4 Effluent Volume as a Function of O_2/NF_3 Ratio and Argon Flow Rate at P=2.5 torr

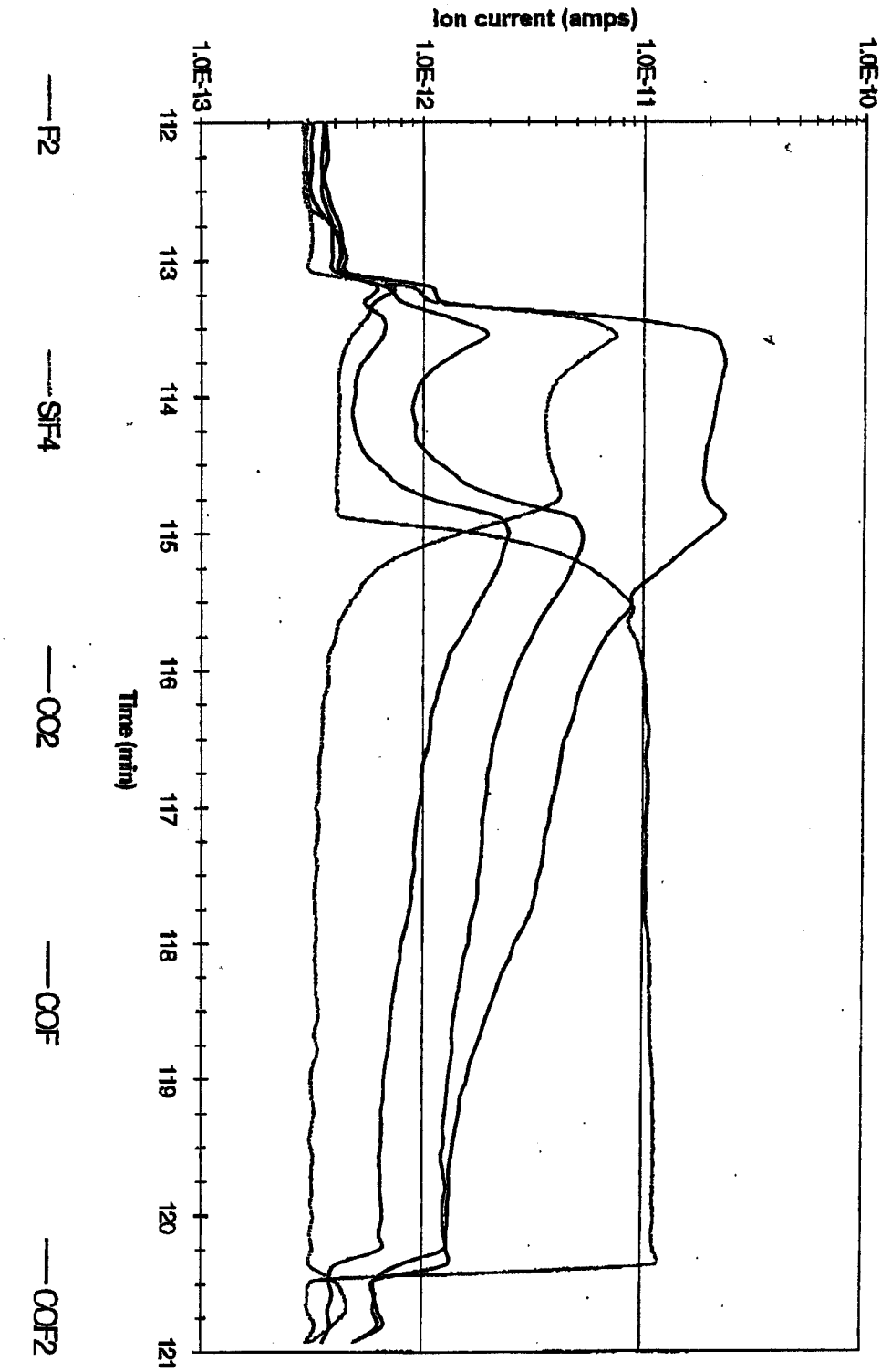


Figure 5k. QMS Effluent Profiles for $NF_3/O_2/Ar$ In Situ Clean with O_2/NF_3 Ratio = 4 and Pressure = 2.0 torr

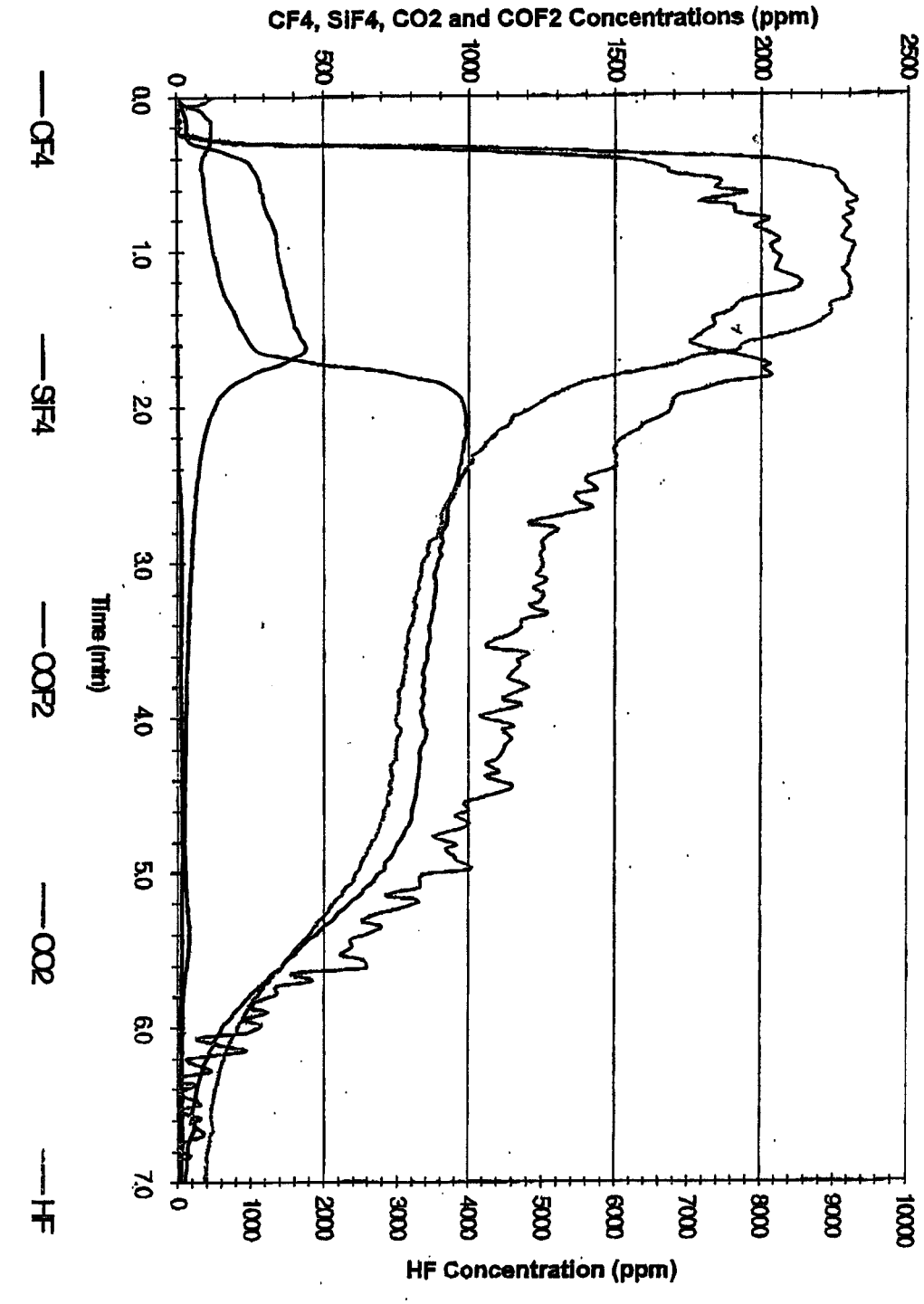


Figure 51. FTIR Effluent Profiles for $NF_3/O_2/Ar$ In Situ Clean with O_2/NF_3 Ratio = 4 and Pressure = 2.0 torr

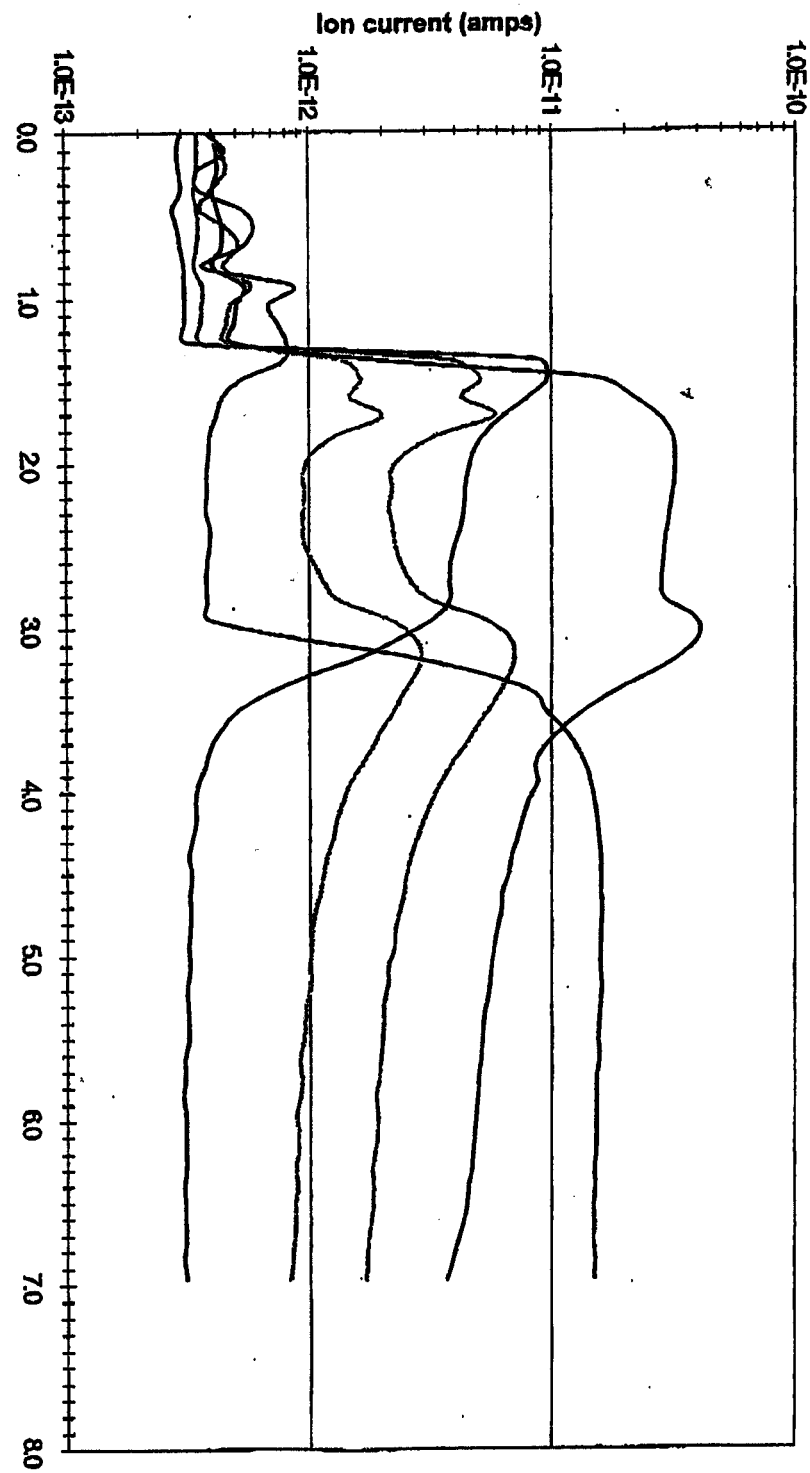


Figure 6a. QMS Effluent Profiles for $NF_3/O_2/Ar$ Remote Clean with RF Assist at O_2/NF_3 Ratio = 4 and Pressure = 2.0 torr

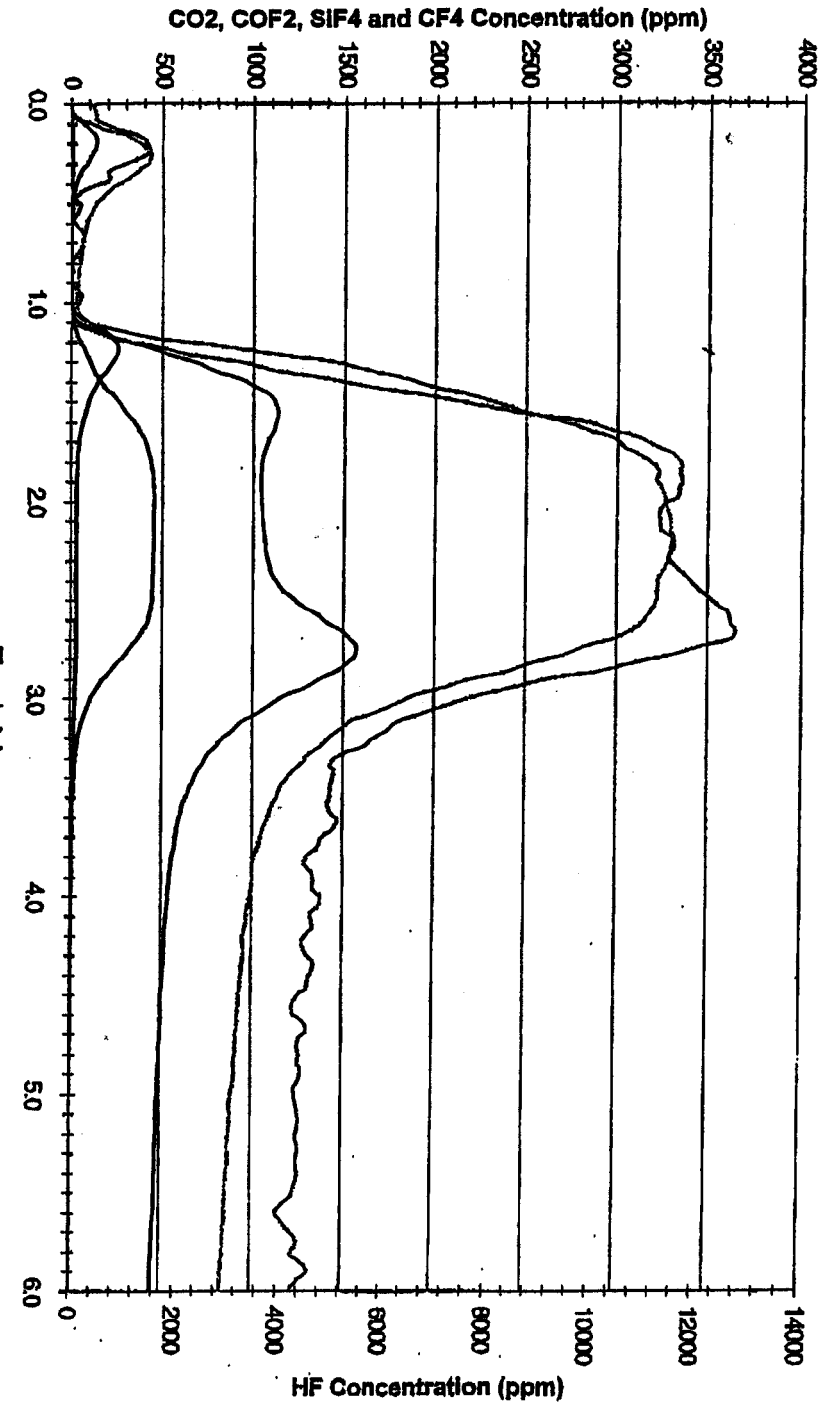


Figure 6b. FTIR Effluent Profiles for $NF_3/O_2/Ar$ Remote Clean with RF Assist at O_2/NF_3 Ratio = 4 and Pressure = 2.0 torr