

MS/MS Parameters of Pesticides

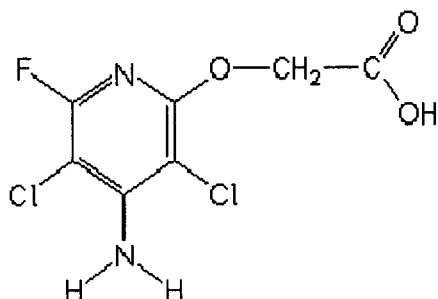
Analyte: Fluroxypyr

CAS No.: 69377-81-7

Formula: C₇H₅Cl₂FN₂O₃

Molecular mass (lowest isotopes): 253,97 amu

Structure:


Ionisation: ESI -
Eluent

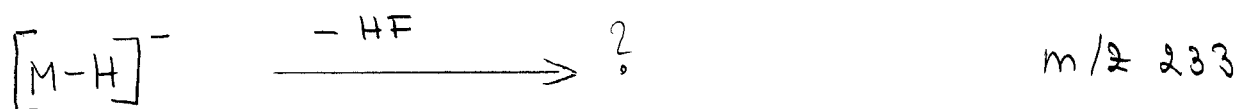
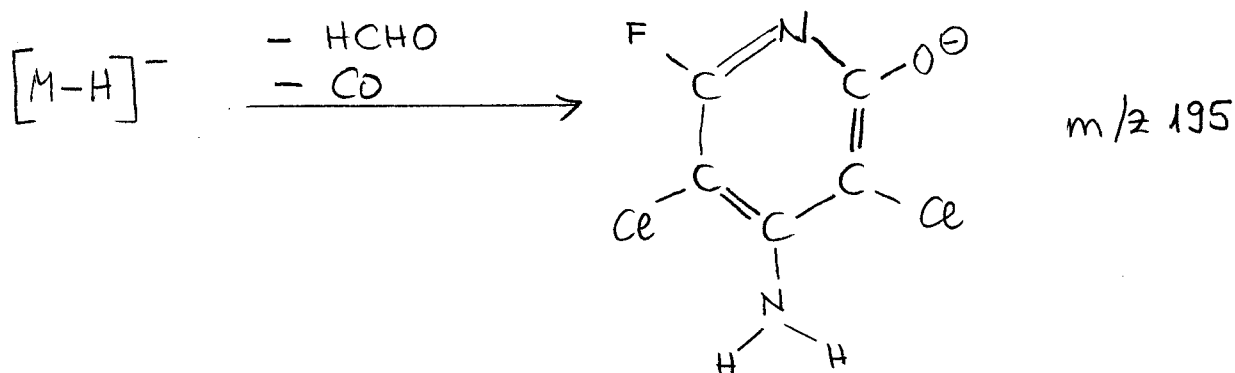
Quasimolecular ion: 253,0 amu = [M-H]⁻
Methanol / water (50:50), + 0.2% acetic acid

Analyte sensitive parameter set (API 2000)

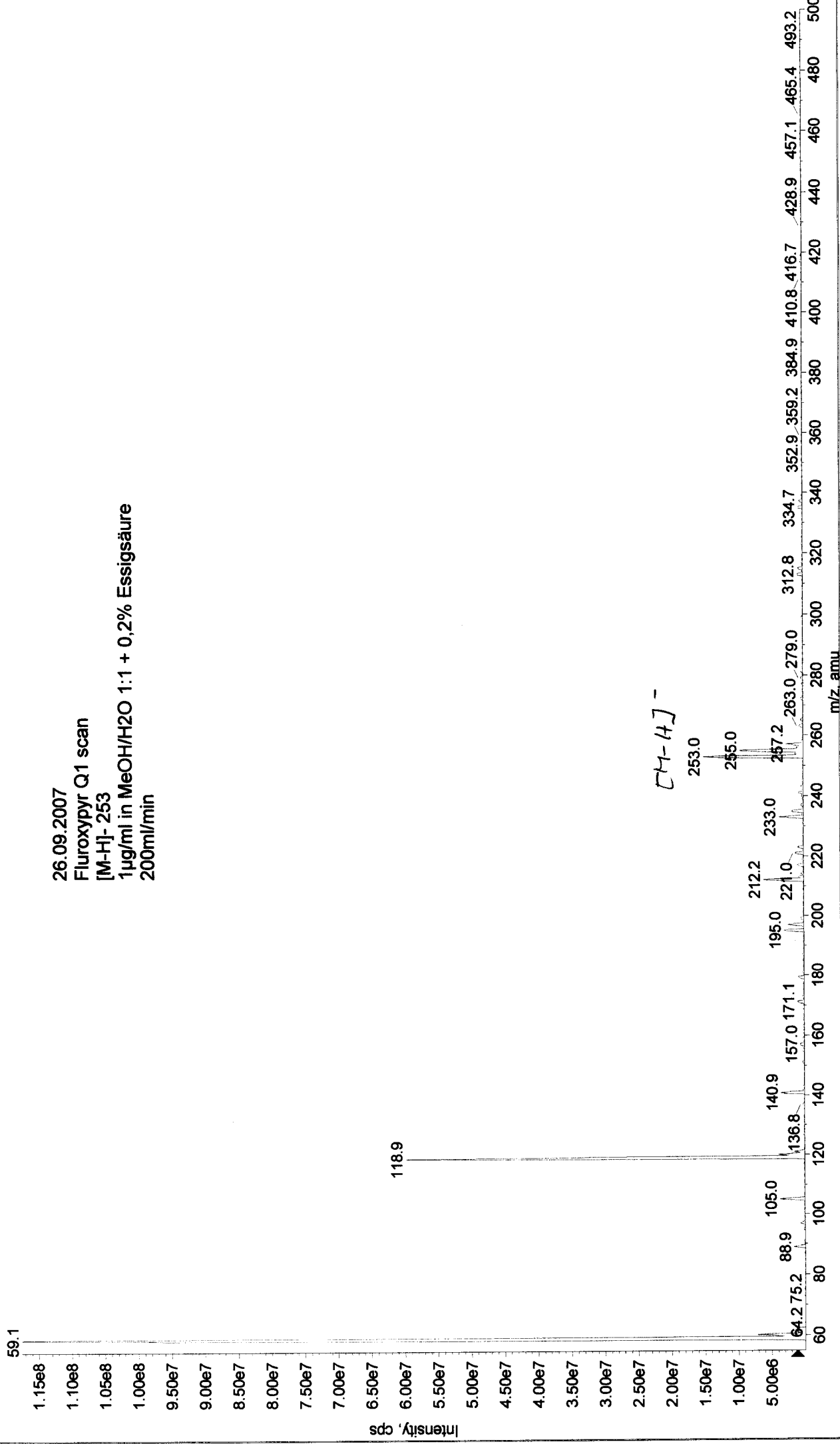
Transition	253,0 → 195,0	253,0 → 232,9
Declustering potential (DP)*)	-11 V	-11 V
Focusing potential (FP)	-330 V	-330 V
Entrance potential (EP)	-10 V	-11 V
Collision cell entrance potential (CEP)	-22 V	-26 V
Collision energy (CE)	-12 V	-6 V
Collision cell exit potential (CXP)	-12 V	-16 V

*) For API 3000 and 4000 enhance DP by 20V

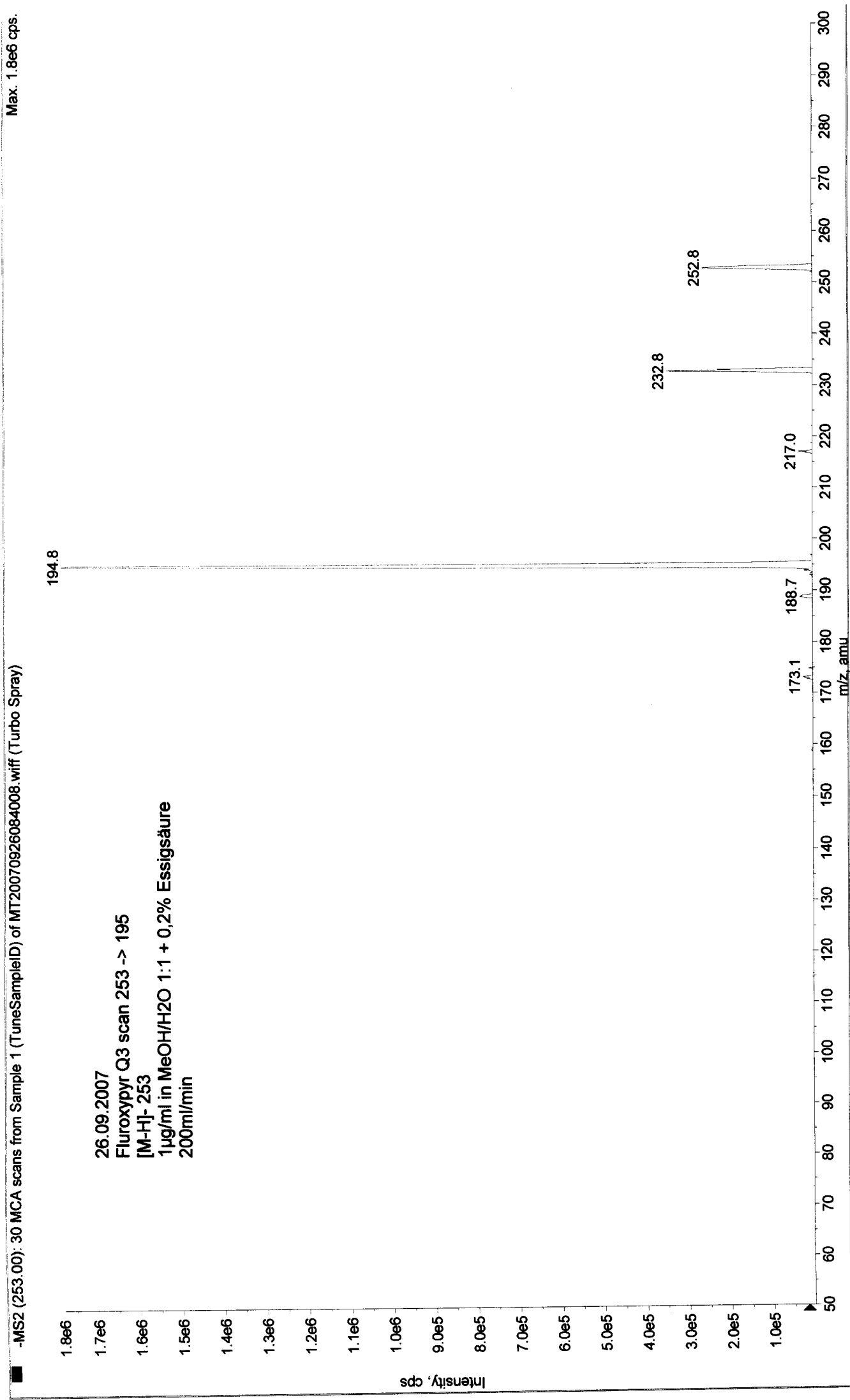
Fragmentation



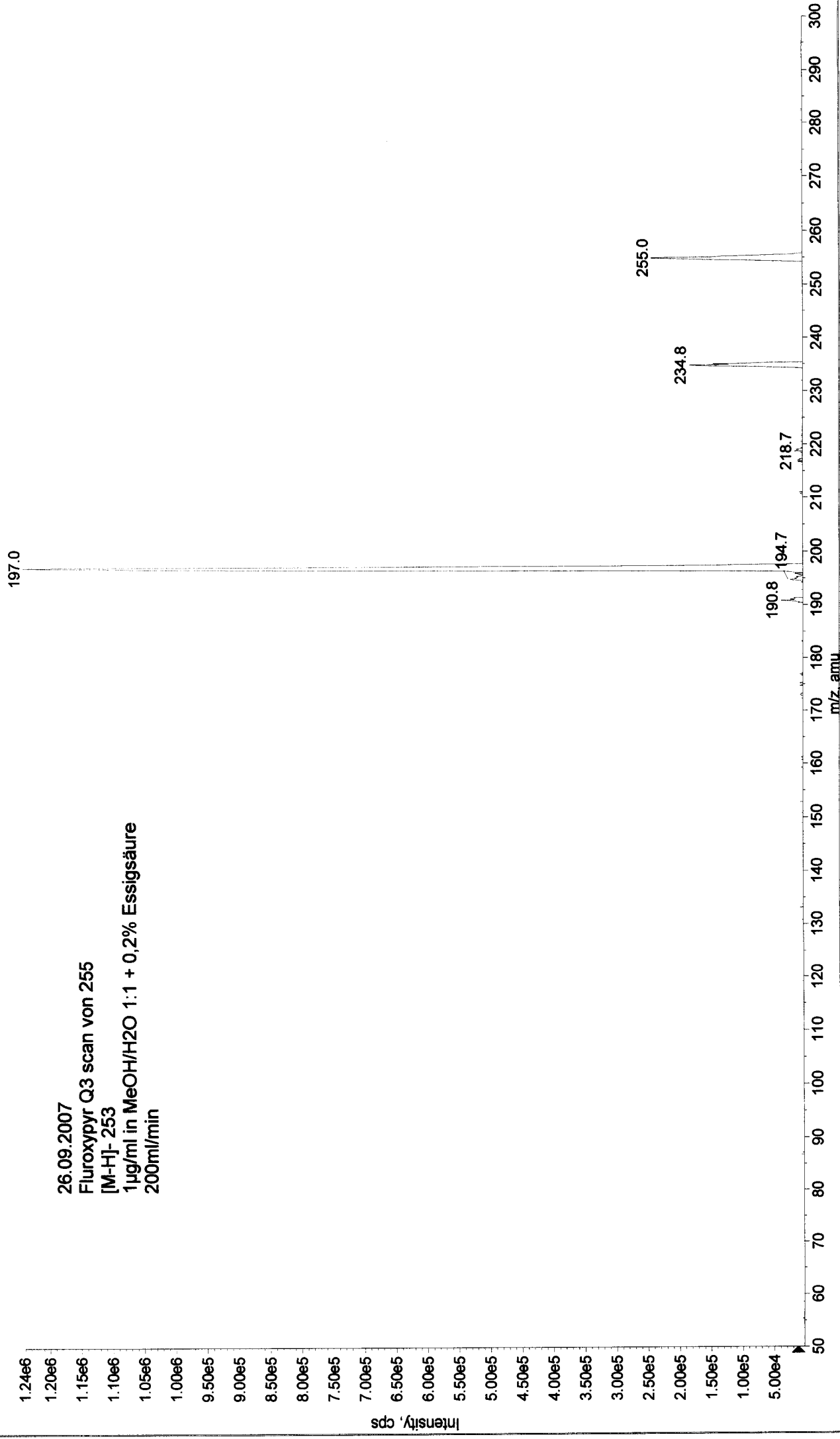
-Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20070926083313.wiff (Turbo Spray)



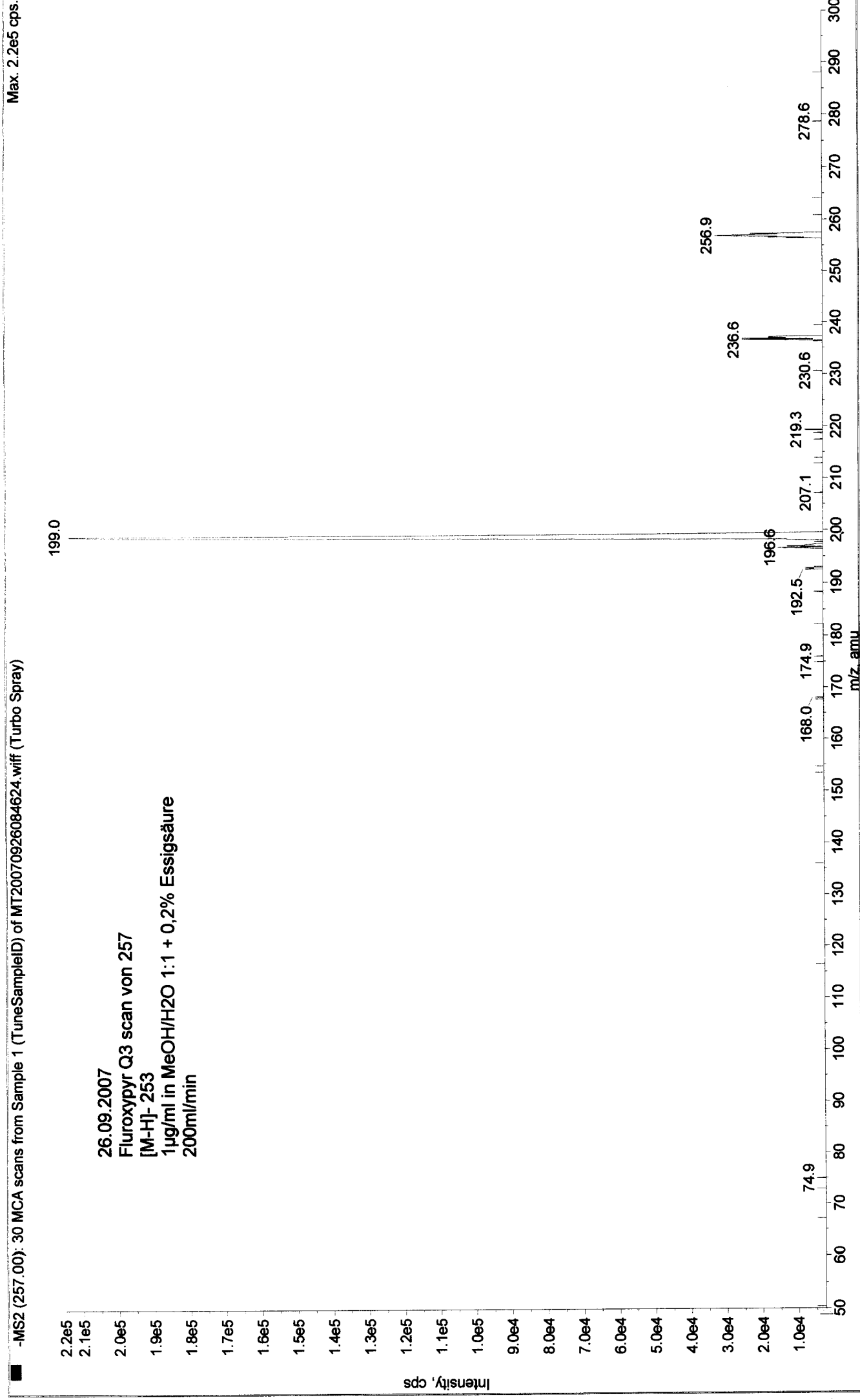
Max. 1.8e6 cps.



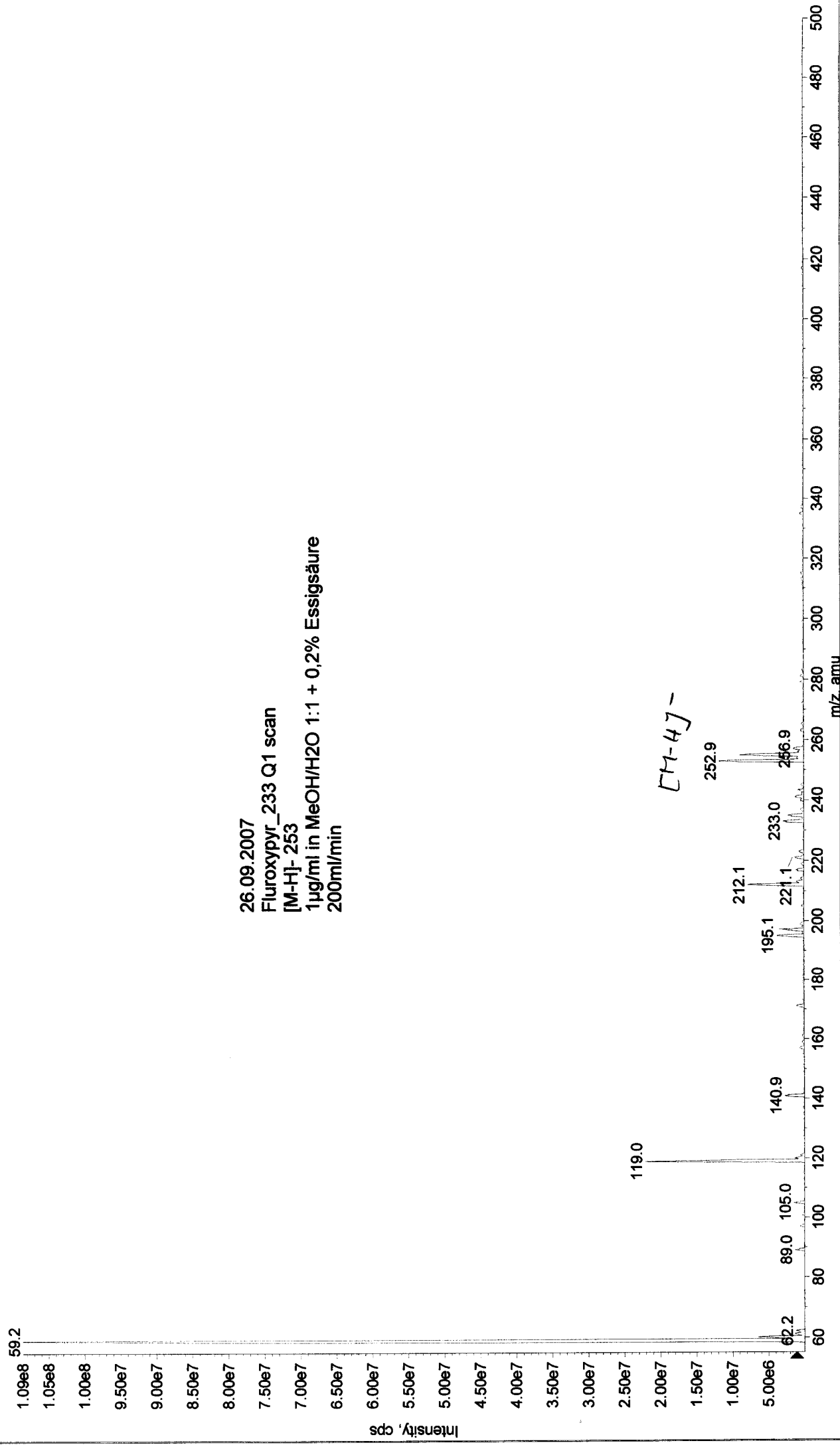
■ -MS2 (255.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20070926084251.wiff (Turbo Spray)



Max. 2.2e5 cps.

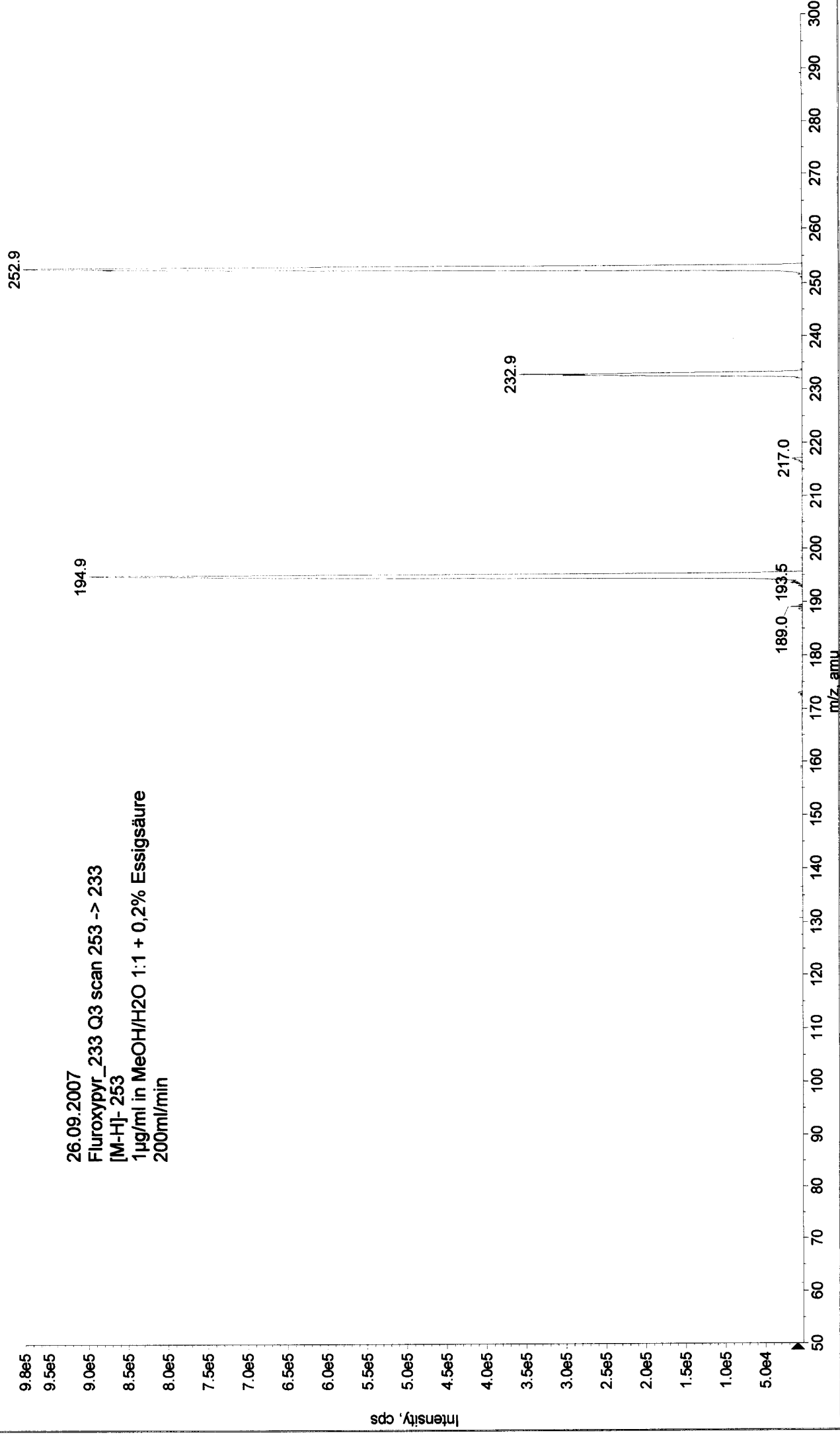


-Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20070926084800.wiff (Turbo Spray) Max. 1.1e8 cps.

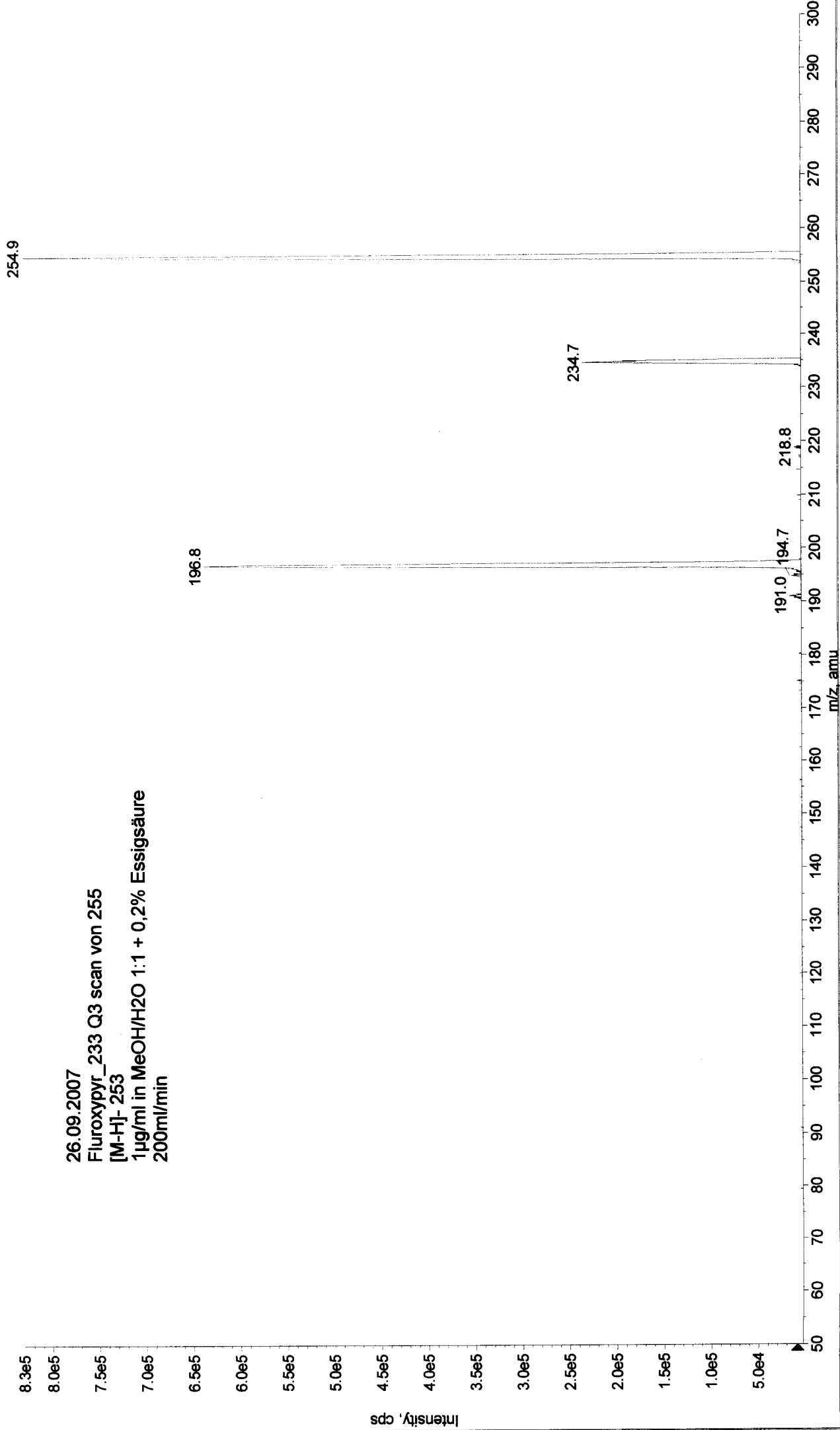


■ -MS2 (253.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20070926085325.wiff (Turbo Spray)

Max. 9.8e5 cps.



■ -MS2 (255.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20070926085516.wiff (Turbo Spray)



■ -MS2 (257.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20070926085632.wiff (Turbo Spray)

Max. 1.9e5 cps.

