

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

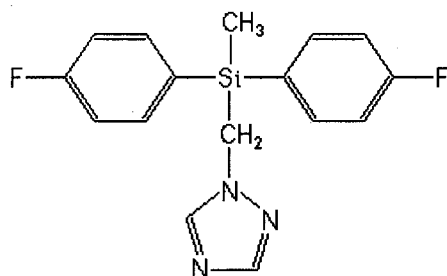
Analyte: Flusilazole

CAS No.: 85509-19-9

Formula: C₁₆H₁₅F₂N₃Si

Molecular mass (lowest isotopes): 315,10 amu

Structure:



Ionisation: ESI +

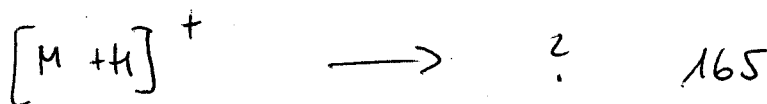
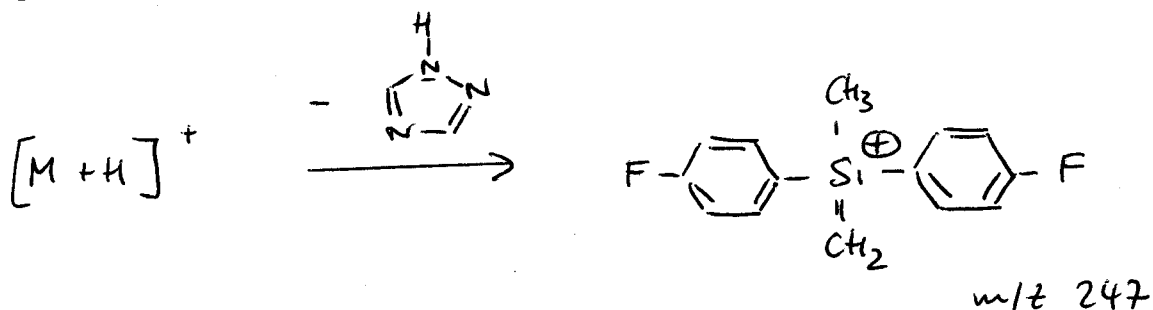
Quasimolecular ion: 316,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

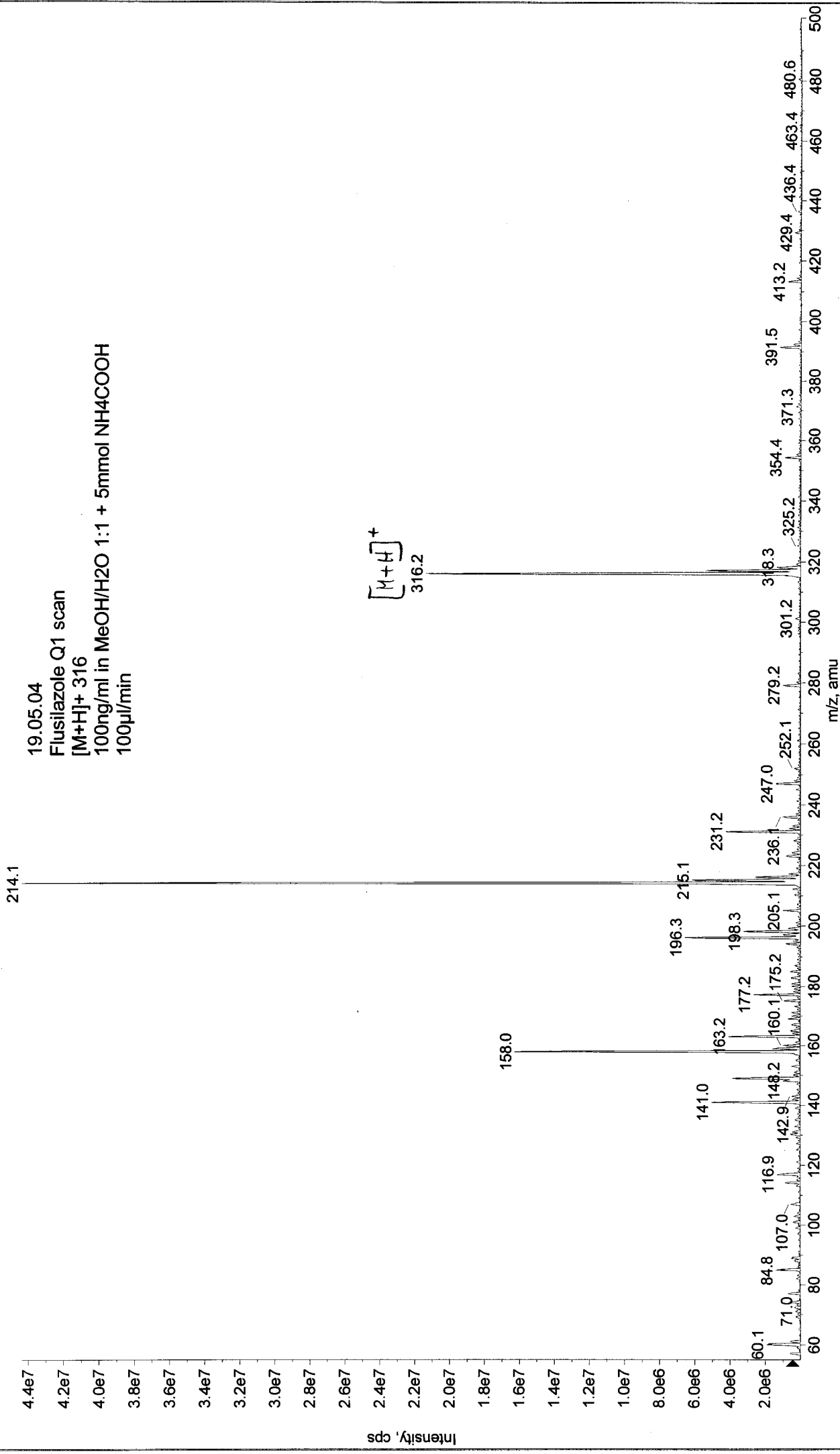
Transition	316,1 → 247,1	316,1 → 165,0
Declustering potential (DP) ^{*)}	36 V	36 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	12,0 V	10,5 V
Collision cell entrance potential (CEP)	20 V	22 V
Collision energy (CE)	25 V	35 V
Collision cell exit potential (CXP)	14 V	8 V

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

Fragmentation



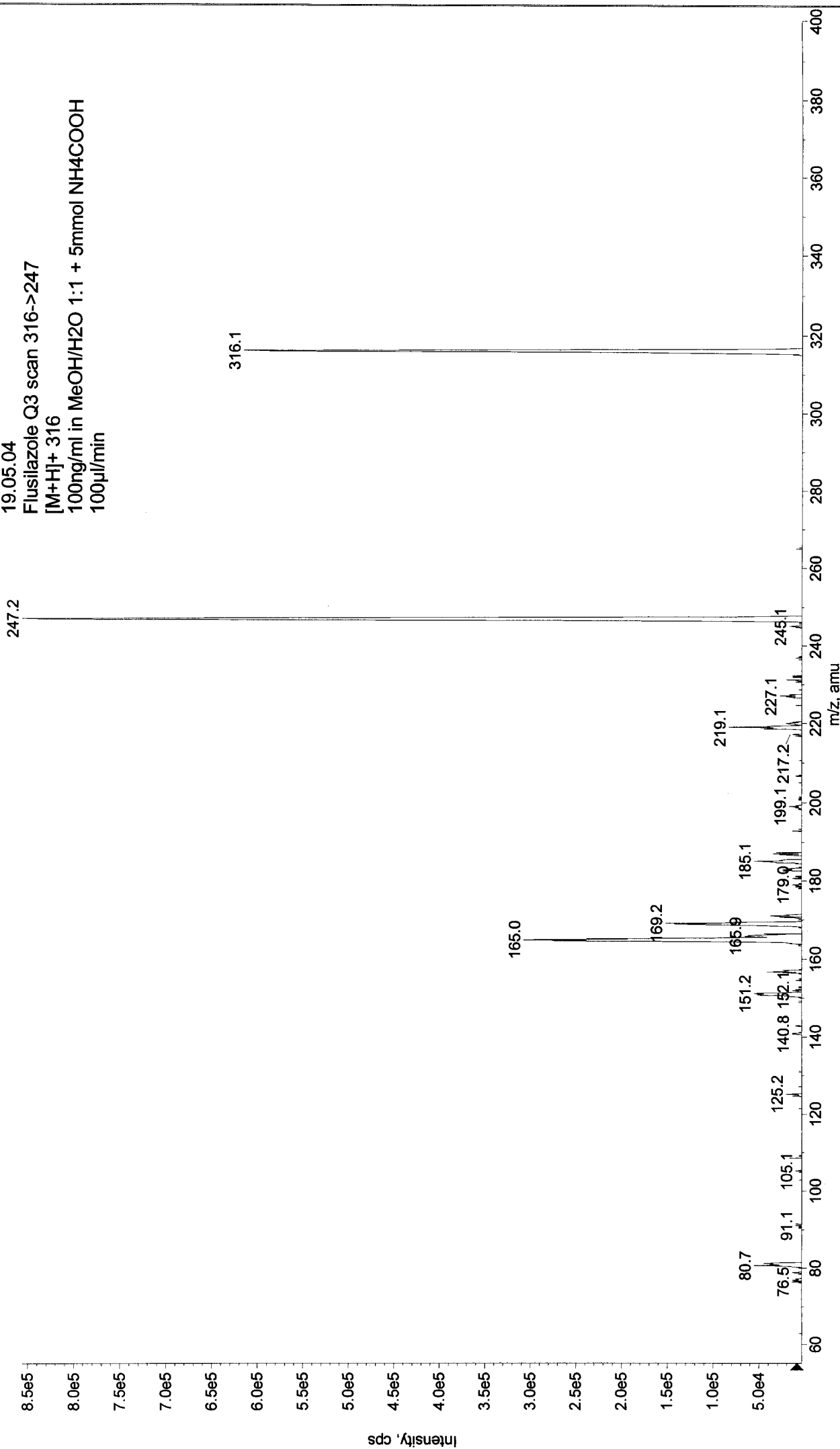
■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040519083419.wiff (Turbo Spray) Max. 4.4e7 cps



Max. 8.6e5 cps

+MS2 (316.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040519084614.wiff (Turbo Spray)

19.05.04
Flusilazole Q3 scan 316->247
[M+H]⁺ 316
100ng/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
100µl/min



Max. 1.2e6 cps.

■ +MS2 (316.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040519090220.wiff (Turbo Spray)

