

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

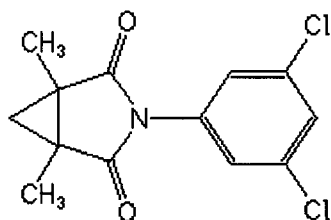
Analyte: Procymidone

CAS No.: 32809-16-8

Formula: C₁₃H₁₁Cl₂NO₂

Molecular mass (lowest isotopes): 283,02 amu

Structure:



Ionisation: ESI +

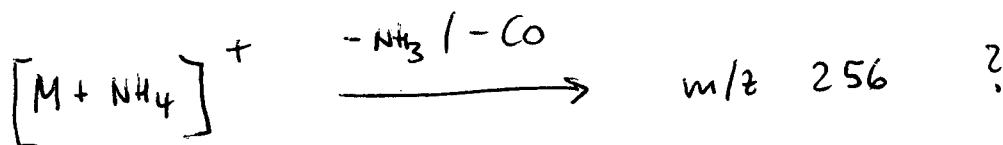
Quasimolecular ion: 301,0 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

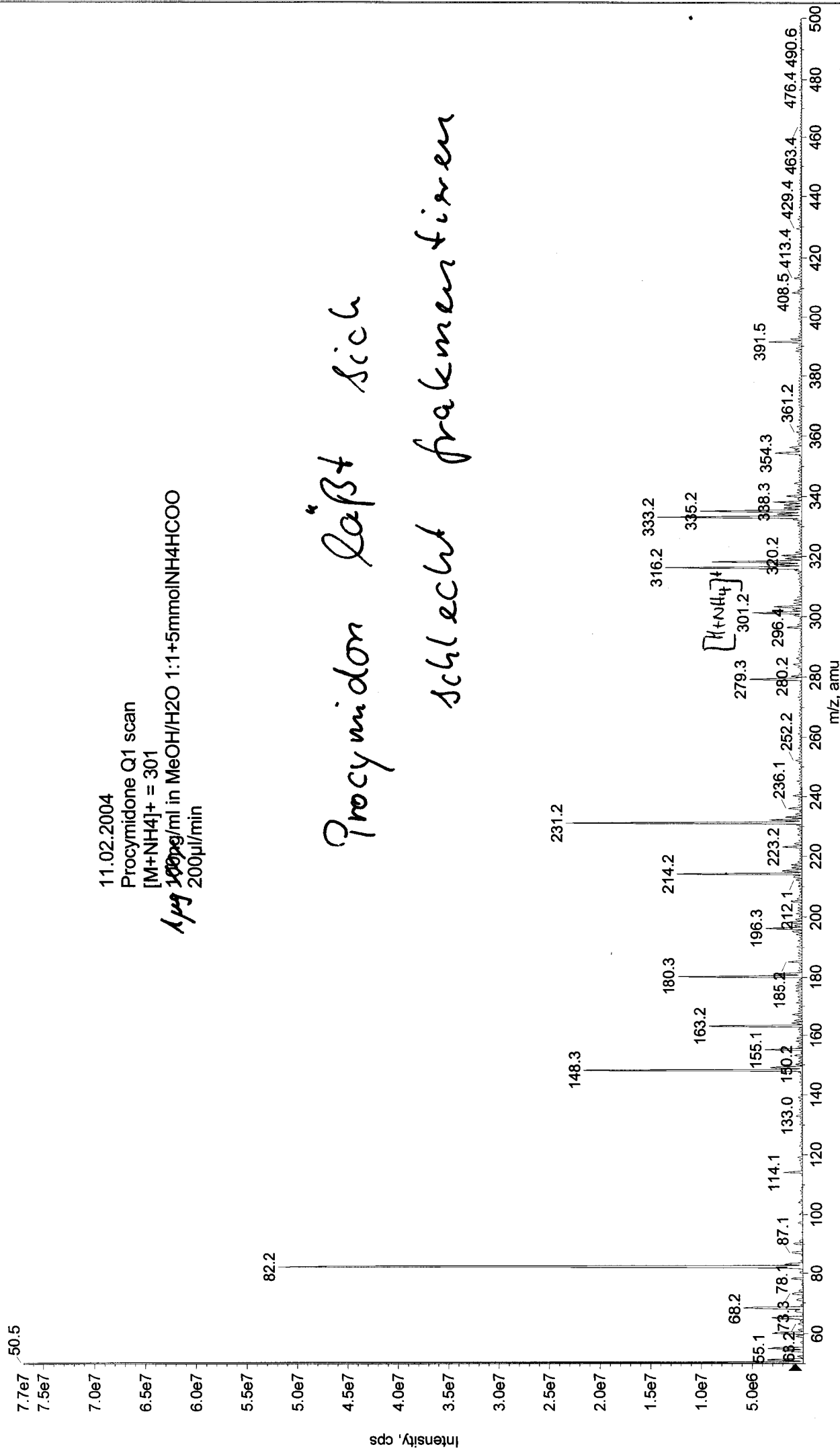
Transition	301,0 → 256,0	→
Declustering potential (DP) ^{*)}	6 V	6 V
Focusing potential (FP)	370 V	V
Entrance potential (EP)	8,0 V	V
Collision cell entrance potential (CEP)	20 V	V
Collision energy (CE)	29 V	V
Collision cell exit potential (CXP)	14 V	V

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

Fragmentation



Max. 7.7e7 cps
 +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040211133933.wiff (Turbo Spray)



11.02.2004
 Procymidone Q1 scan
 [M+NH4]⁺ = 301
 1 µg 1000 µg/ml in MeOH/H₂O 1:1+5mmolNH₄HCOO
 200 µl/min

Procymidon läßt sich
 schlecht fraktionieren

