

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

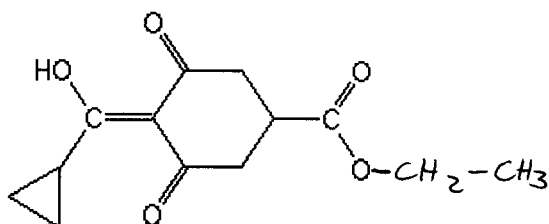
Analyte: Trinexapac-ethyl

CAS No.: 95266-40-3

Formula: C₁₃H₁₆O₅

Molecular mass (lowest isotopes): 252,10 amu

Structure:



Ionisation: ESI +

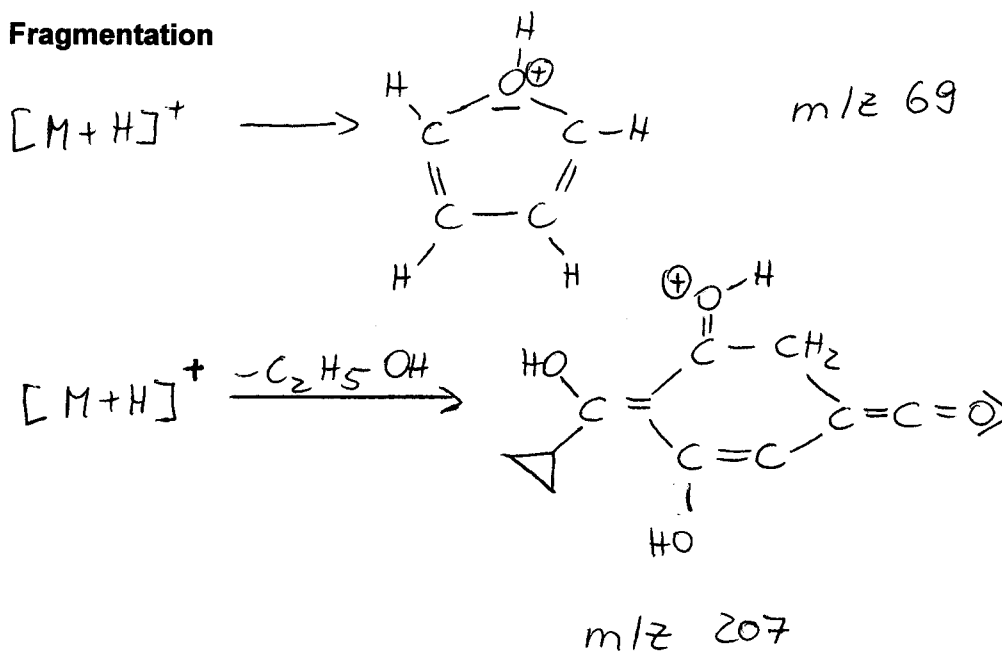
Quasimolecular ion: 253,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	253,1 → 68,8	253,1 → 207,0
Declustering potential (DP) ^{*)}	66V	66 V
Focusing potential (FP)	300 V	370 V
Entrance potential (EP)	11 V	12 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	29 V	17 V
Collision cell exit potential (CXP)	8 V	10 V

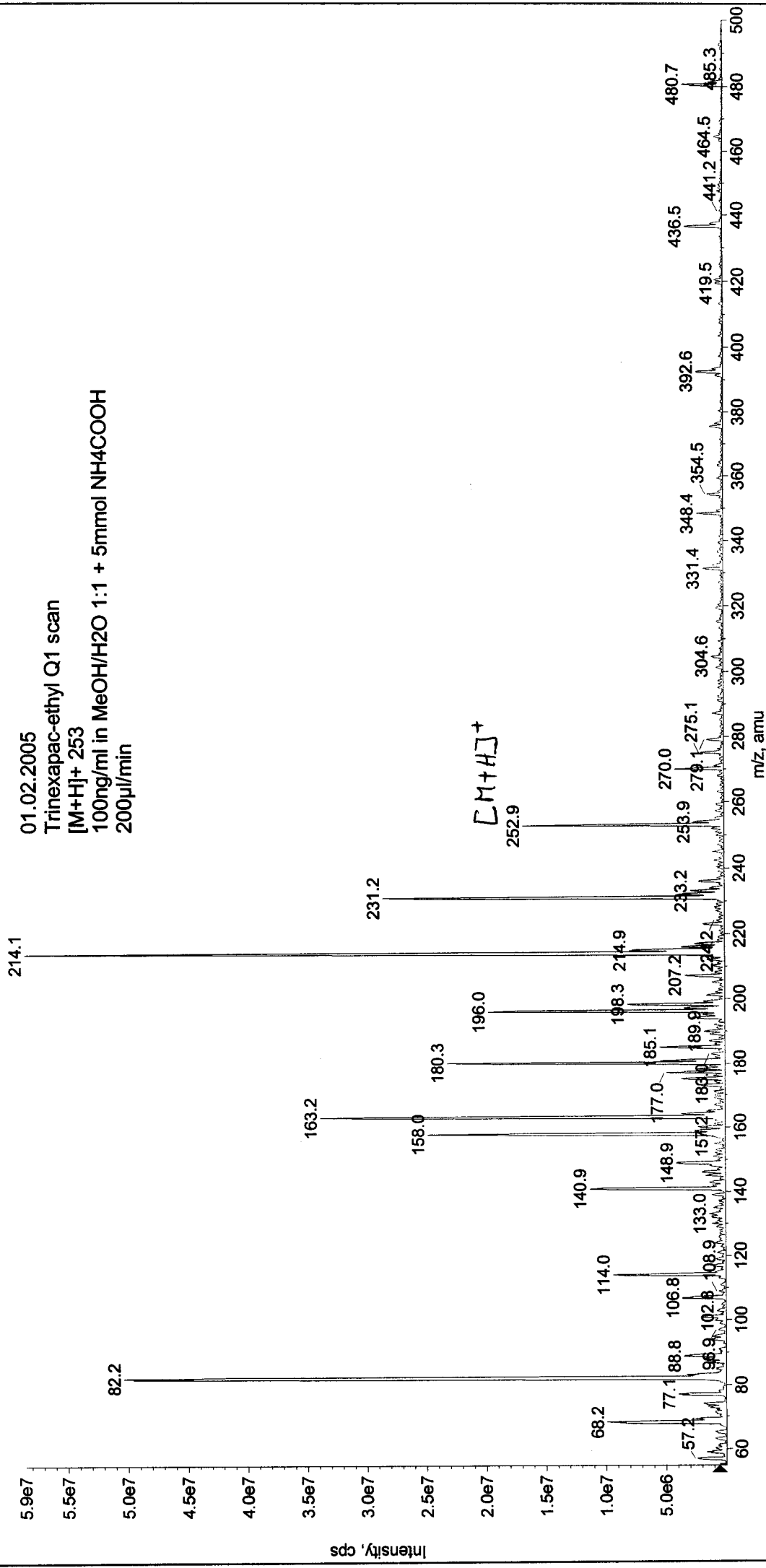
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



Max. 5.9e7 cps

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050201101935.wiff (Turbo Spray)



Printing Time: 10:24:44
Printing Date: Tuesday, February 01, 2005

Acq. Time: 10:23
Acq. Date: Tuesday, February 01, 2005
Acq. File: MT20050201102340.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

