

## MS/MS Parameters of Pesticides

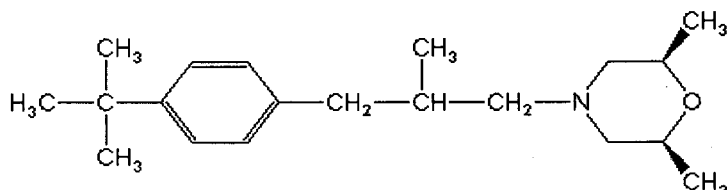
### Analyte: Fenpropimorph

CAS No.: 67306-03-0

Formula: C<sub>20</sub>H<sub>33</sub>NO

Molecular mass (lowest isotopes): 303,26 amu

Structure:



Ionisation: ESI +

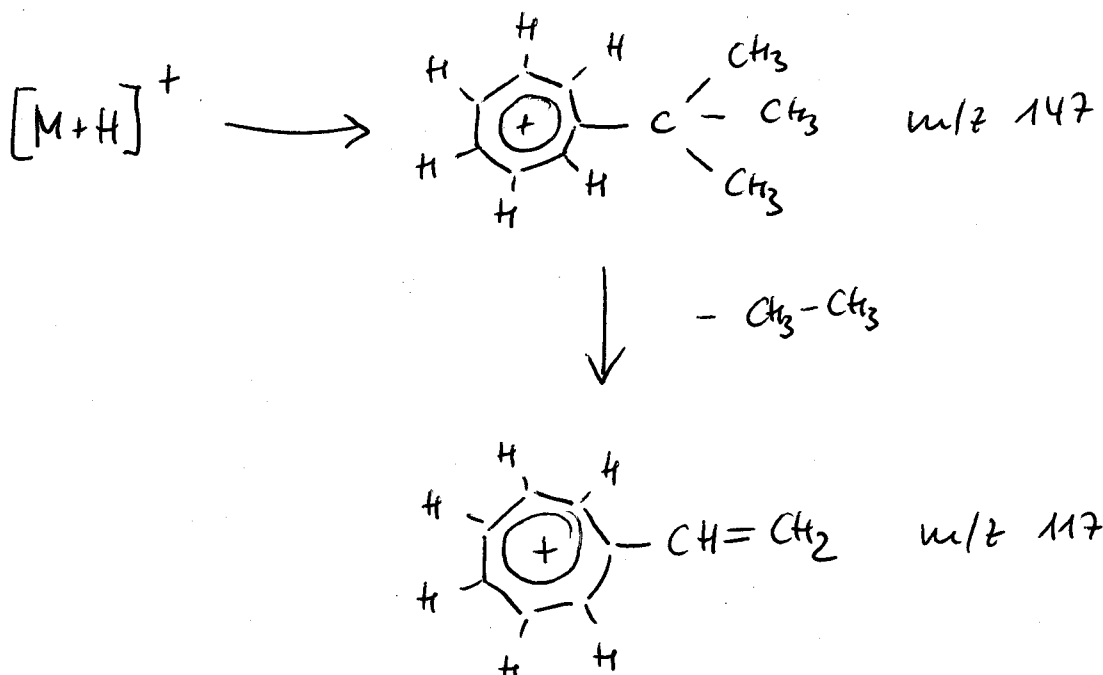
Quasimolecular ion: 304,3 amu = [M+H]<sup>+</sup>

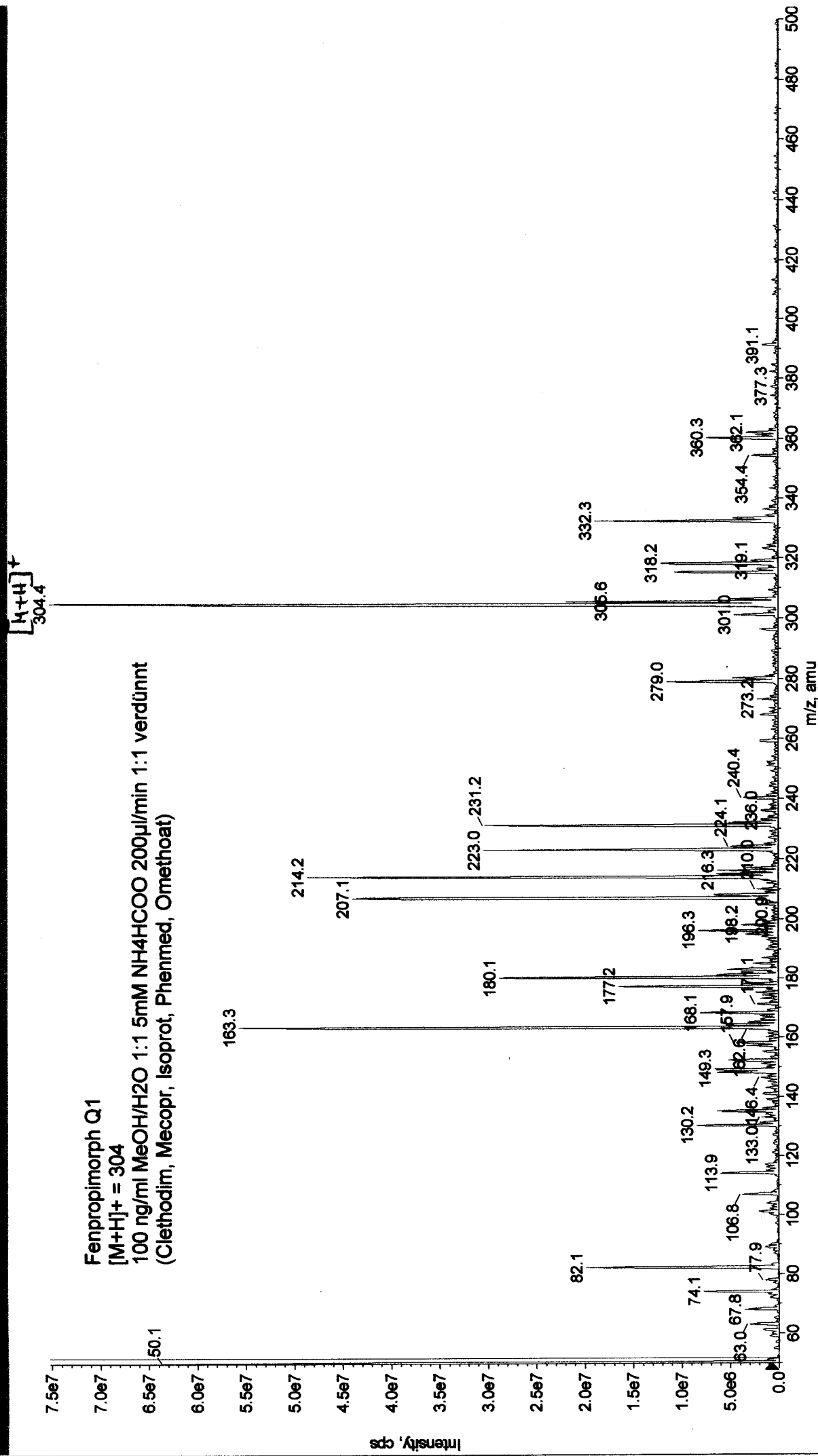
Analyte sensitive parameter set (API 2000)

Transition	304,3 → 147,1	304,3 → 116,9
Declustering potential (DP) <sup>*)</sup>	54 V	54 V
Focusing potential (FP)	360 V	270 V
Entrance potential (EP)	11,5 V	11,0 V
Collision cell entrance potential (CEP)	22 V	20 V
Collision energy (CE)	39 V	71 V
Collision cell exit potential (CXP)	8 V	6 V

<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation





Fenpropimorph Q3

[M+H]<sup>+</sup> = 304 -> 147

100 ng/ml MeOH/H<sub>2</sub>O 1:1 5mM NH<sub>4</sub>HCOO 200µl/min 1:1 verdünnt

(Clethodim, Mecopr, Isoprot, Phenmed, Omethoat)

