

MS/MS Parameters of Pesticides

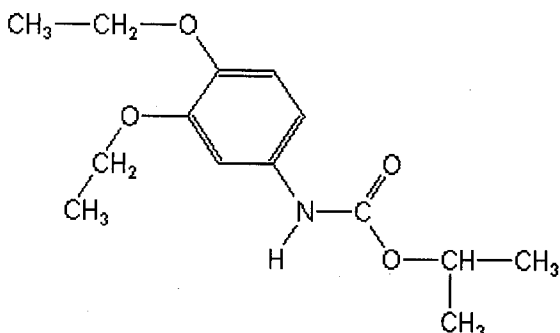
Analyte: Diethofencarb

CAS No.: 87130-20-9

Formula: C₁₄H₂₁NO₄

Molecular mass (lowest isotopes): 267,15 amu

Structure:



Ionisation: ESI +

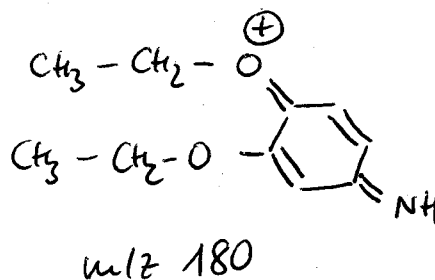
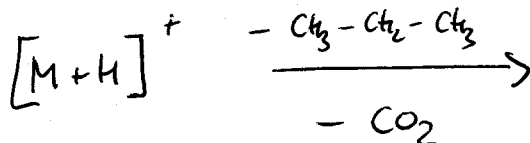
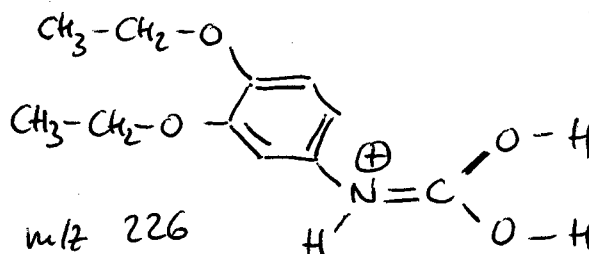
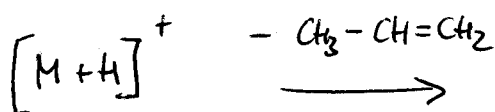
Quasimolecular ion: 268,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	268,1 → 226,1	268,1 → 180,1
Declustering potential (DP) ^{*)}	29 V	29 V
Focusing potential (FP)	330 V	370 V
Entrance potential (EP)	10,5 V	10,0 V
Collision cell entrance potential (CEP)	18 V	18 V
Collision energy (CE)	15 V	23 V
Collision cell exit potential (CXP)	12 V	10 V

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

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040517101930.wiff (Turbo Spray)

Max. 4.3e7 cps

