

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

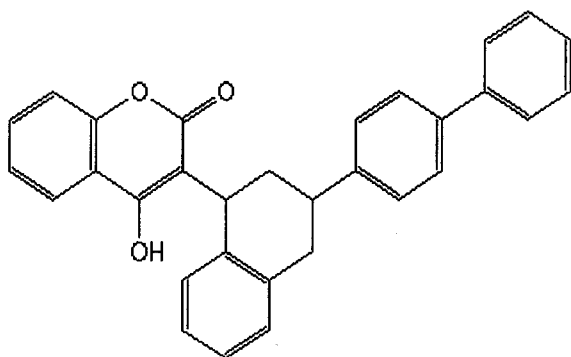
Analyte: Difenacoum

CAS No.: 56073-07-5

Formula: C₃₁H₂₄O₃

Molecular mass (lowest isotopes): 444,17 amu

Structure:



Ionisation: ESI -

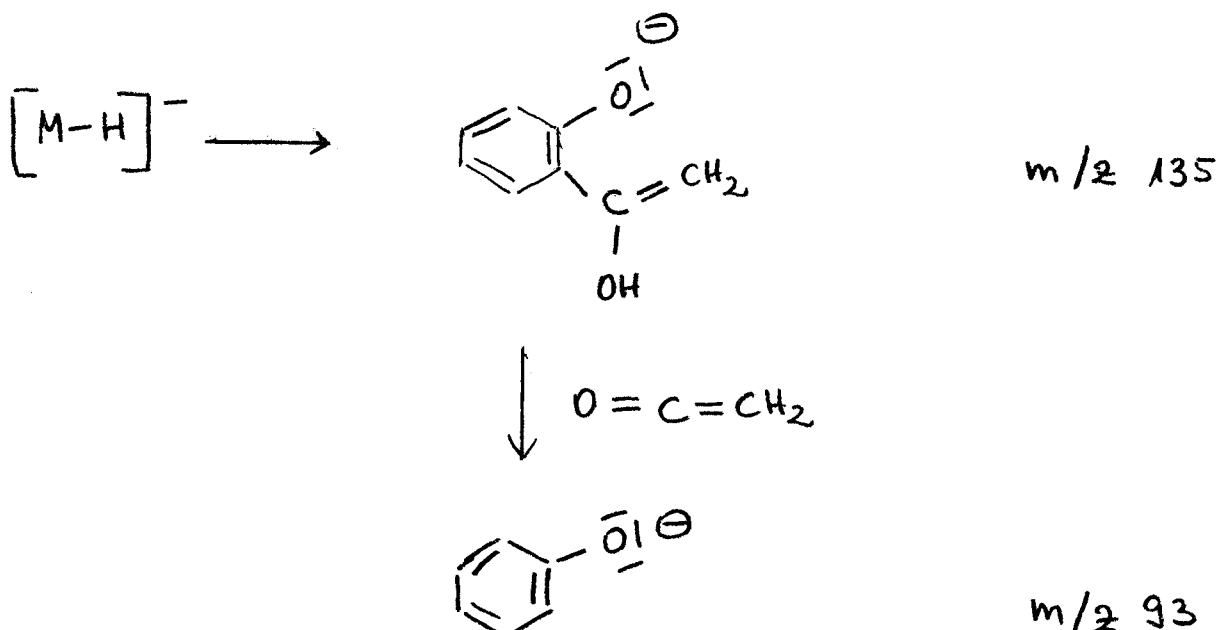
Quasimolecular ion: 443,2 amu = [M-H]⁻

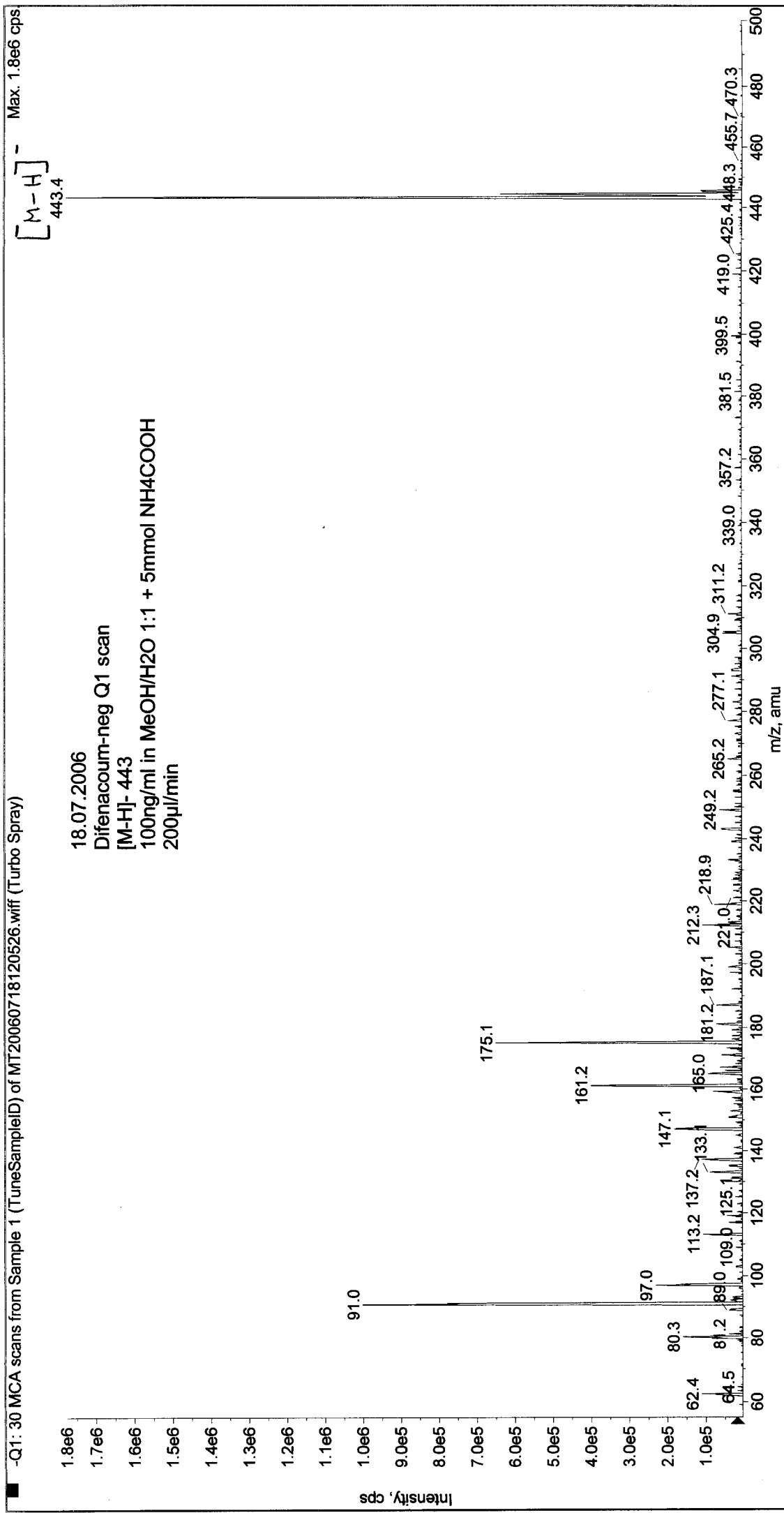
Analyte sensitive parameter set (API 2000)

Transition	443,2 → 135,0	443,2 → 93,0
Declustering potential (DP) ^{*)}	-109V	-109 V
Focusing potential (FP)	-340 V	-330 V
Entrance potential (EP)	-10,0 V	-10,0 V
Collision cell entrance potential (CEP)	-20 V	-20 V
Collision energy (CE)	-42 V	-64 V
Collision cell exit potential (CXP)	-36 V	-6 V

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

Fragmentation





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Printing Date: Tuesday, July 18, 2006

Acq. Time: 12:08

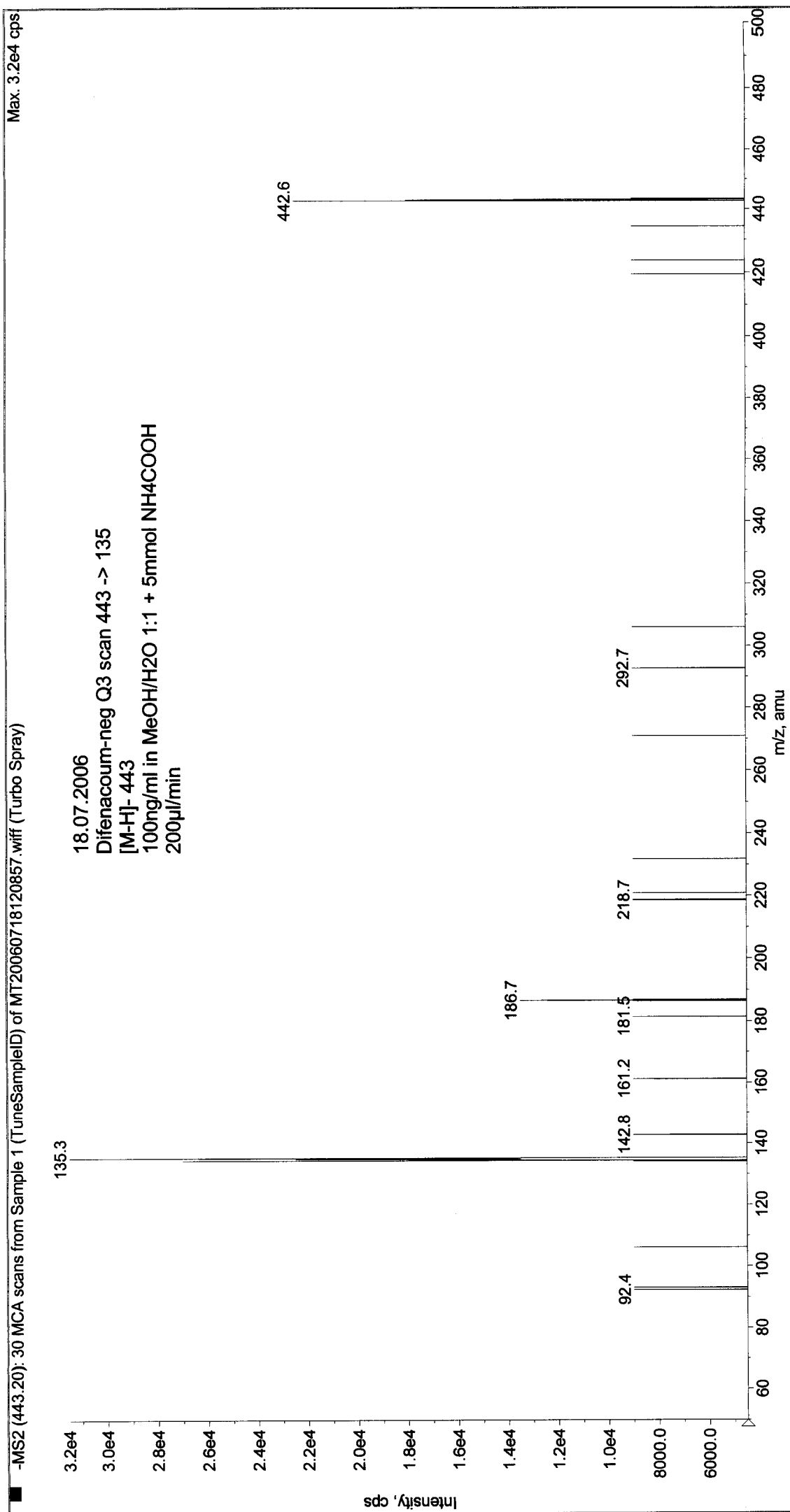
Acq. Date: Tuesday, July 18, 2006

Acq. File: MT20060718120857.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat



Printing Time: 13:34:02
Printing Date: Tuesday, July 18, 2006

Acq. Time: 13:33
Acq. Date: Tuesday, July 18, 2006
Acq. File: MT20060718133302.wiff

Sample Comment:
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Batch Name: ManualTune.bat

