EBERHARD KARLS
UNIVERSITÄT
TÜBINGEN

Faculty of Science

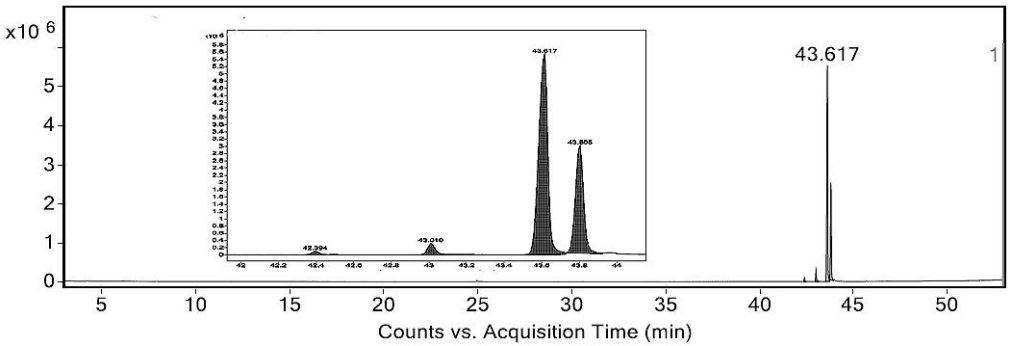
Prof. Dr. Thomas Ziegler
Department of Chemistry
Institute of Organic Chemistry
Chair of Organic Chemistry

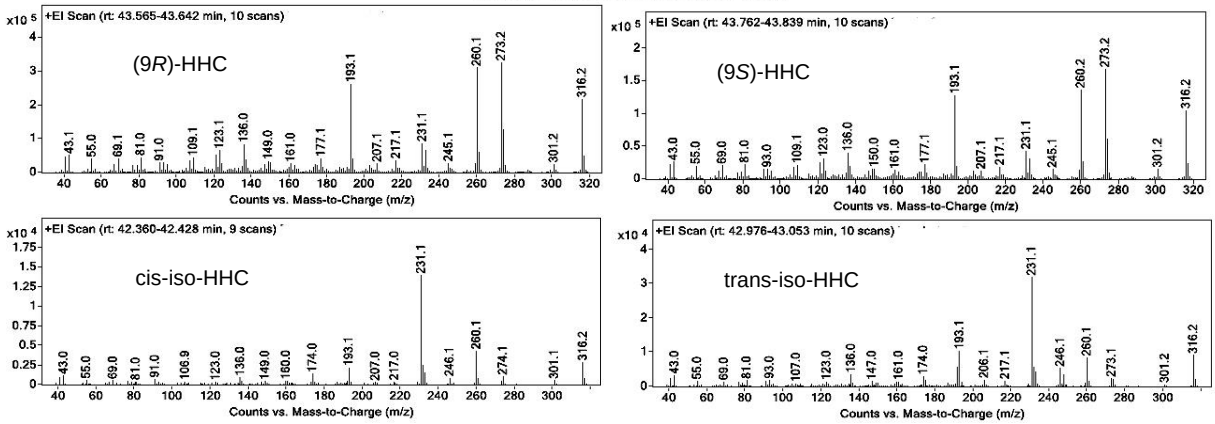
CERTIFICATE OF ANALYSIS

SAMPLE ORIGIN:	HHC
IDENTITY:	Hexahydrocannabinol (HHC), MW 316.24 g/mol
IUPAC NAME:	(6a*R*,10a*R*,9*R*/*S*)-6,6,9-trimethyl-3-pentyl-6a,7,8,9,10,10a-hexahydro-6H-benzo[c]chromen-1-ol viscous oil / mixture of diastereomers and isomers
APPEARANCE:	
ANALYSIS:	According to GC analysis the analyzed material consists of the following constituents:

Hexahydrocannabinol (HHC)	(9*R*)-HHC	72%
	(9*S*)-HHC	20%
	cis-iso-HHC	4.5%
	trans-iso-HHC	3.5%
Tetrahydrocannabinol (THC)	not detectable	

GCMS extended peak area





HEAVY METALS (acc. DIN 13432 and EC 1881/2006):

the sample meets the concentration limits (ppm) for the following metals: Zn (150), Cu (50), Ni (25), Cd (<0,2), Pb (<0.8), Hg (0,5), Cr (50), Mo (1,0), Se (0,75), As (5). No Pd could be detected.

Tuebingen, July 15, 2022

(Prof. Dr. Thomas Ziegler)

Address: Prof. Dr. Thomas Ziegler
Institute of Organic Chemistry
Auf der Morgenstelle 18
72076 Tuebingen
Germany

Phone: +49 7071 2973035
Fax: +49 7071 295244
email: Thomas.ziegler@uni-tuebingen.de
web: www.uni-tuebingen.de/ziegler/