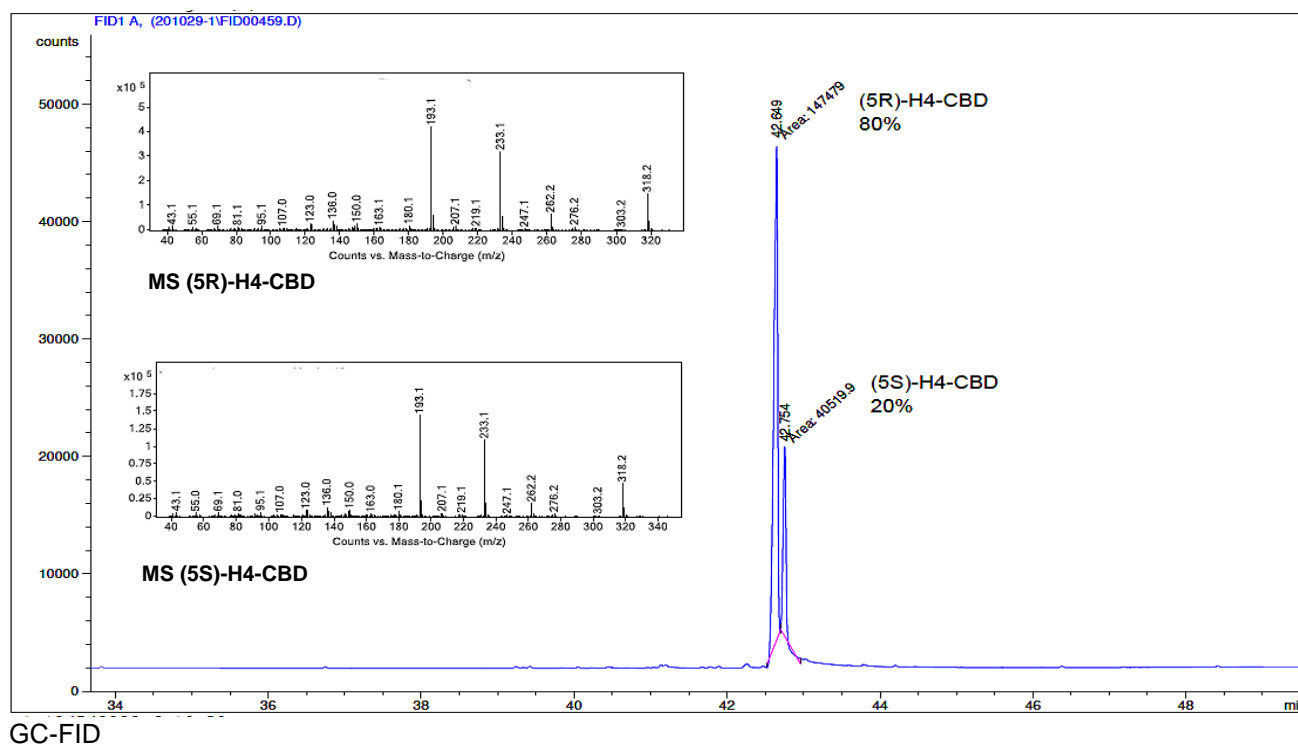




## CERTIFICATE OF ANALYSIS

SAMPLE ORIGIN: H4-CBD  
 IDENTITY: Tetrahydrocannabinidiol (H4-CBD), MW 318.50 g/mol  
 IUPAC NAME: 2-((1R,2S)-2-isopropyl-5-methylcyclohexyl)-5-pentylbenzene-1,3-diol  
 CAS: 2408113-23-3 (5R-isomer) Formula C<sub>21</sub>H<sub>34</sub>O<sub>2</sub> (MW 318.50)  
 APPEARANCE: highly viscous oil / mixture of diastereomers  
 PURITY: >99.8% (GC FID)  
 ANALYSIS: According to GC-FID analysis the analyzed material consists of the following constituents:

(5R)-H4-CBD	80%
(5S)-H4-CBD	20%
CBD	not detectable
THC	not detectable



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, January 17, 2023

*Thomas Ziegler*

(Prof. Dr. Thomas Ziegler)