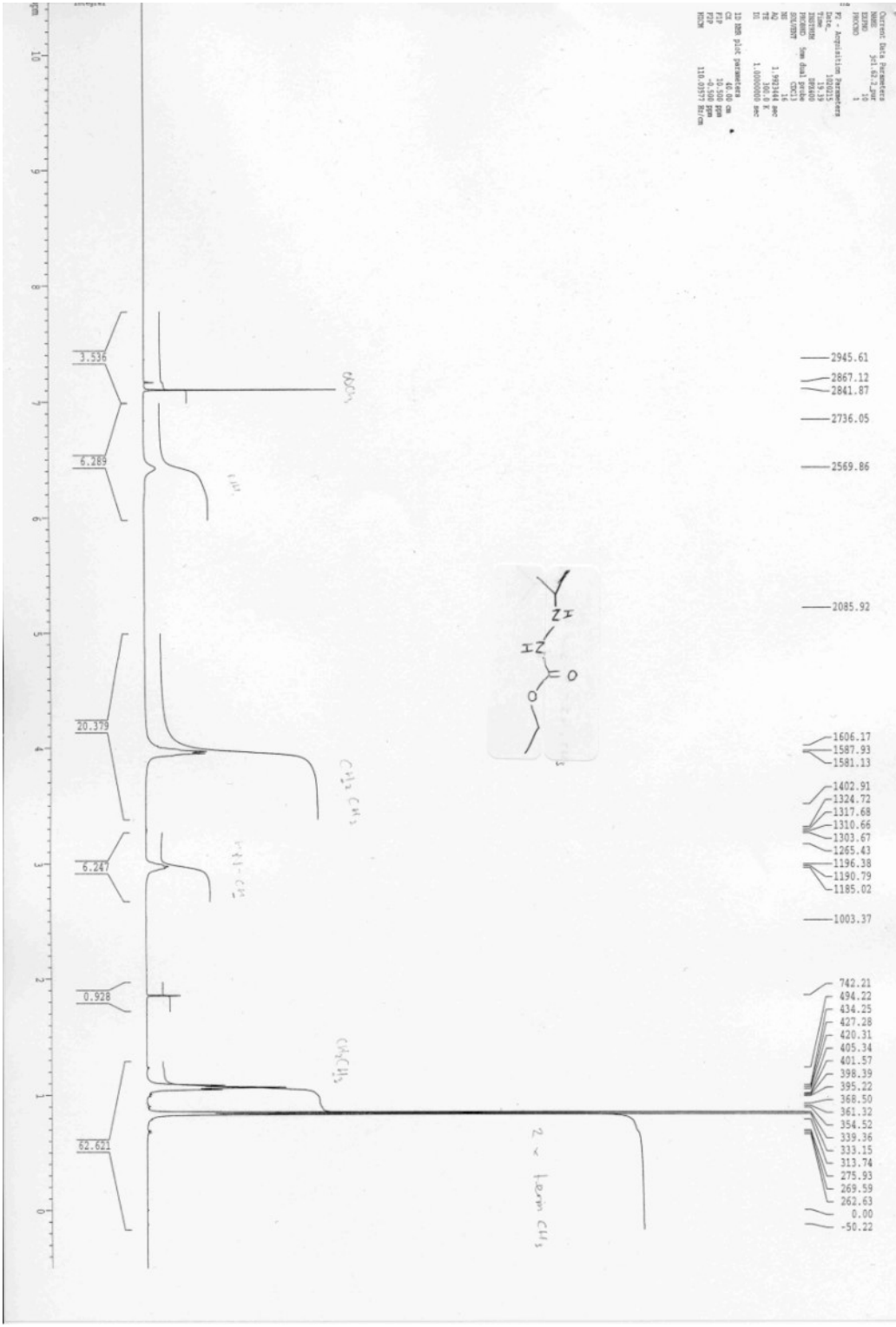
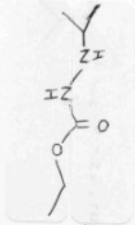


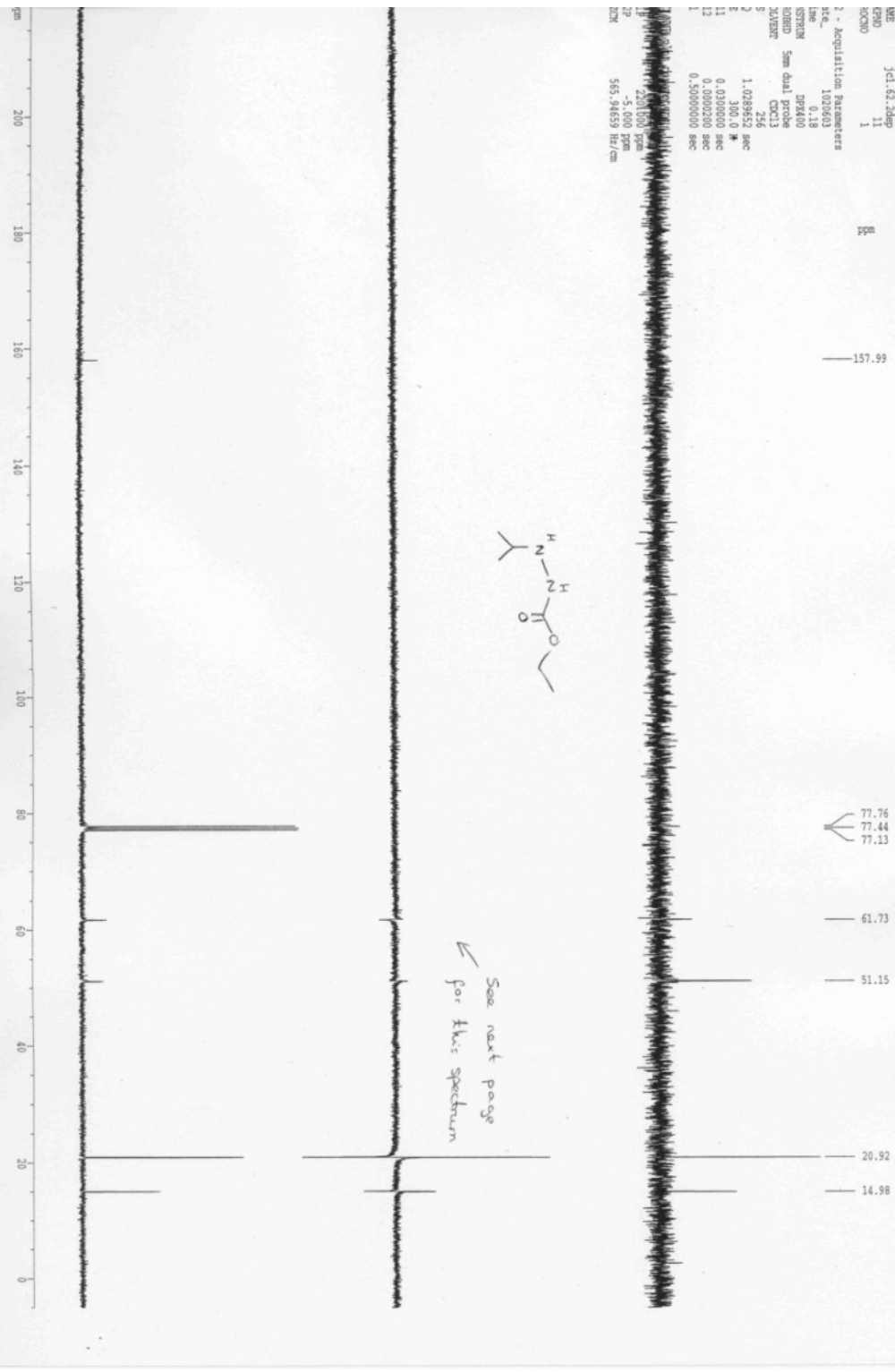
Output File Parameters  
 Name: 20170727\_1  
 Date: 07/27/17  
 Time: 15:33  
 Acquisition Parameters  
 Instrument: Bruker Avance  
 P1: 12.00  
 PC: 1.00  
 Solvent: CDCl3  
 NS: 1.00  
 DS: 4.00  
 SWH: 100.625 kHz  
 F2: 100.625 MHz  
 F1: 100.625 MHz  
 AQC: 100.625 MHz  
 RCM: 100.625 MHz

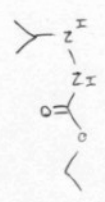


```

Experiment Parameters
NAME jcl.62.2dno
EXPNO 11
PROCNO 1
2 - Acquisition Parameters
Date_ 1020603
Time 0.18
SYSTEM gpc4400
SOLVENT Smn dual probe
PULPROG zgpg30
ZORNAME CQC13
SFO 400
F2 1.038459 sec
AQ 300.0 #
RG 0.0300000 sec
SI 0.000200 sec
SF 555.94659 Hz/cm
AQ 0.5000000 sec

```





—61.73

—91.16

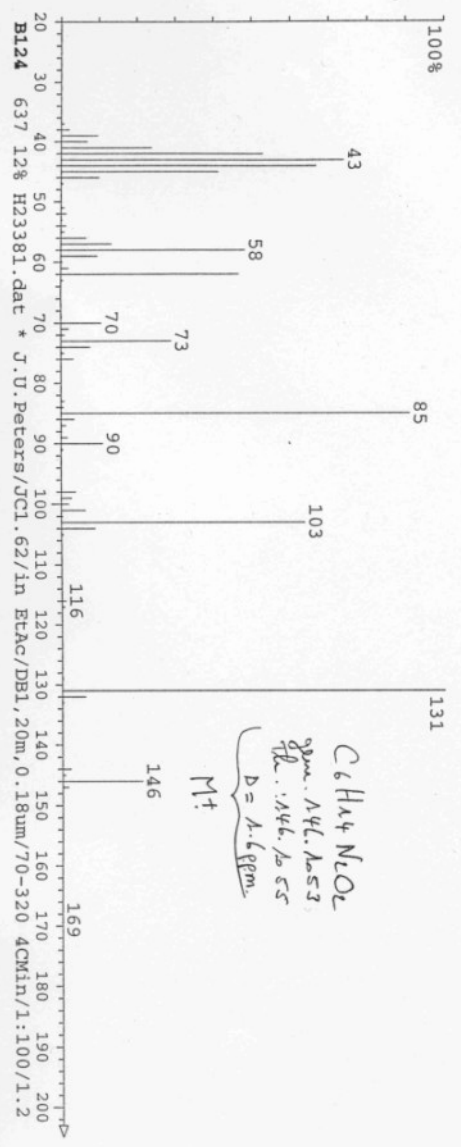
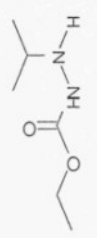
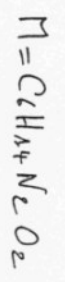
—20.92

—14.99



H23381.dat  
 -----  
 Auftraggeber : J.U. Peters  
 Probe : JCl. 62  
 Derivat : in EtAc  
 Säule : DB1, 20m, 0.18um  
 GC-Bed. : 70-320 4CMin  
 Split : 1:100  
 SEV : 1.20KV  
 Injektor : 270  
 Resolution : 1000  
 Instrument : MAT 95  
 Ionisation : EI POS  
 Massenbereich : 33-800

GC-Peak: 1  
 GC-MS: A94895  
 HR-MS: 559



$C_6H_{14}N_2O_2$   
 gem. 144. 1053  
 fl. 146. 55  
 D = 4.6 ppm  
 Mt

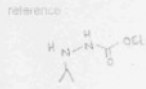
B124 637 12% H23381.dat \* J.U. Peters/JCl. 62/in EtAc/DB1, 20m, 0.18um/70-320 4CMin/1:100/1.2

PETERS J.  
PRBD-CL  
92/364

020709.110  
Order: 0

origin: Peters J.

sample: JC1-62  
4873  
FLM



20SX  
BECK Nicole

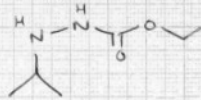


Mit der angegebenen Formel vereinbar: ja,  $\checkmark$

Gleich wie IR  
Vergleichbar mit IR  
Verschieden von IR

6.3

- Polymorphie
- siehe Beilage
- nicht ganz rein
- nicht rein
- Gemisch
- als Salz
- als Zwitterion



Feuchtigkeit	4-Ring Amid - C=O	gem. Dimethyl. Methyl. CH <sub>3</sub> -CO-tert. Butyl-
wenig Kristallwasser	5-Ring Lacton - C=O	Si(CH <sub>3</sub> ), Si(CH <sub>3</sub> ) <sub>2</sub> BU
OH	Phenol, Enol, ester - C=O	COO <sup>-</sup>
NH	Aldehyd, Keton, nicht konz. - C=O	NO <sub>2</sub>
NH <sub>2</sub>	Carbamer - C=O	P=O
Heteroaromat. CH	5-Ring imid - C=O	Phenol, Enol, ester
X = CH <sub>2</sub>	6-Ring Amid - C=O	SO <sub>2</sub> - SO <sub>2</sub>
Alkyl - CH <sub>2</sub>	Amid - C=O	SO <sub>2</sub> - F, C - Aryl
CHO Aldehyd	Aldehyd, Keton konz. - C=O	Aryl - ether, Phenol
arom. CH	N <sup>o</sup> H	C - O - C - Ether - Si - O - C
alk. CH	COOH	Alkohol - Bande
CH <sub>2</sub> O	C = N	S - O = N - O - C
C = CH	C = N konz.	CH = CH - trans
	C = C	CH = CH - Vinyl
	C = C konz.	C = CH <sub>2</sub> Methylen
	Heteroaromat.	2 benachbarte arom. H
	(Amid) Bande	p - disubst. Benzol
		1,2,3 - trisubst. Benzol
		o - disubst. Benzol
		m - disubst. Benzol
		monosubst. Benzol

