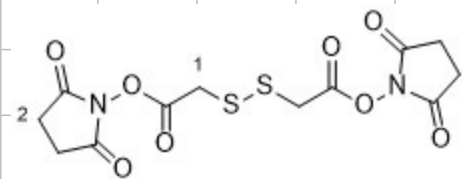
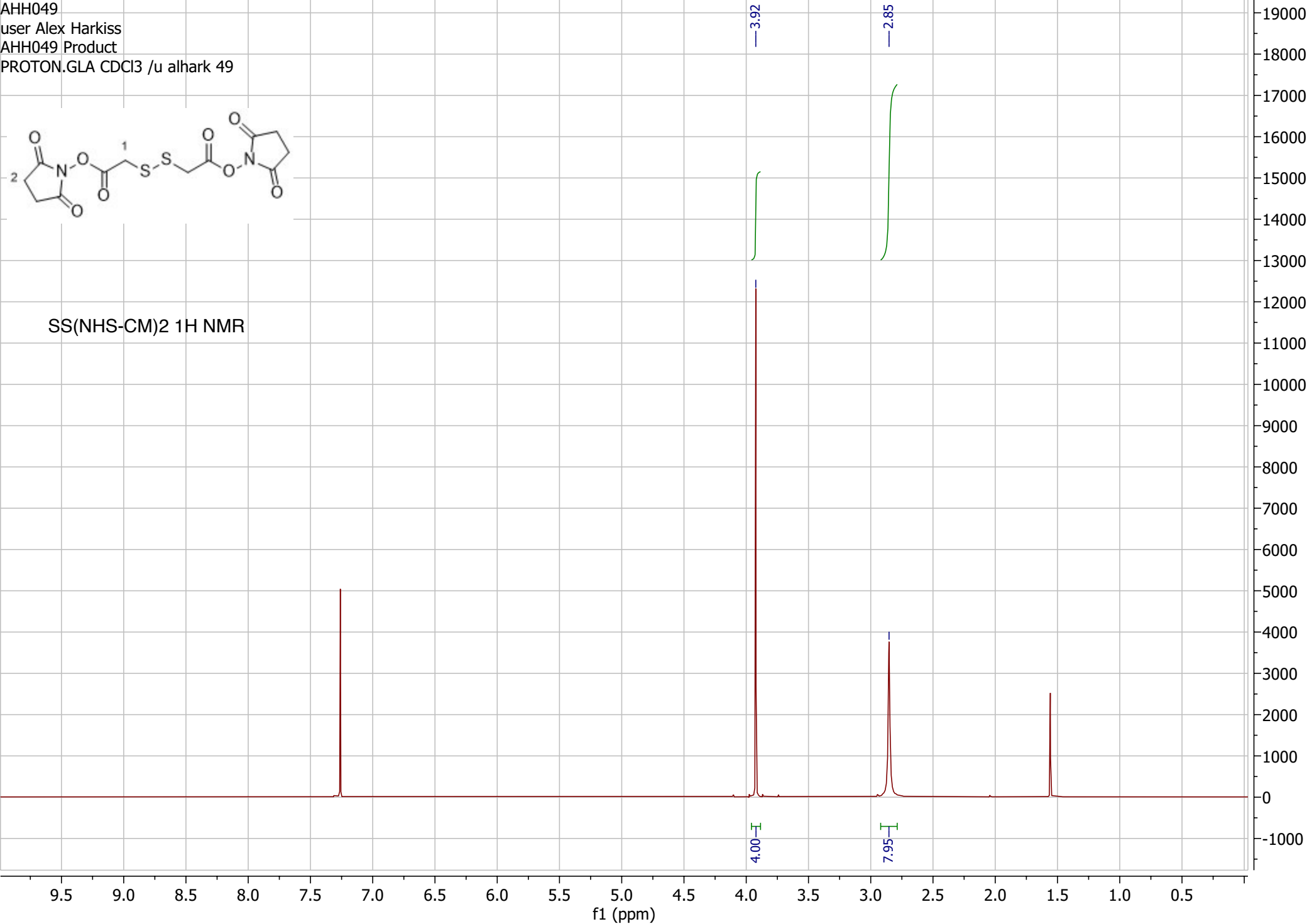


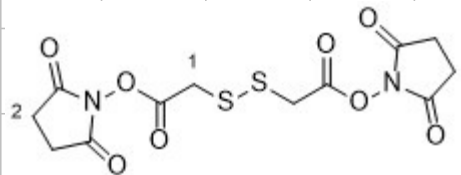
AHH049
user Alex Harkiss
AHH049 Product
PROTON.GLA CDCl3 /u alhark 49



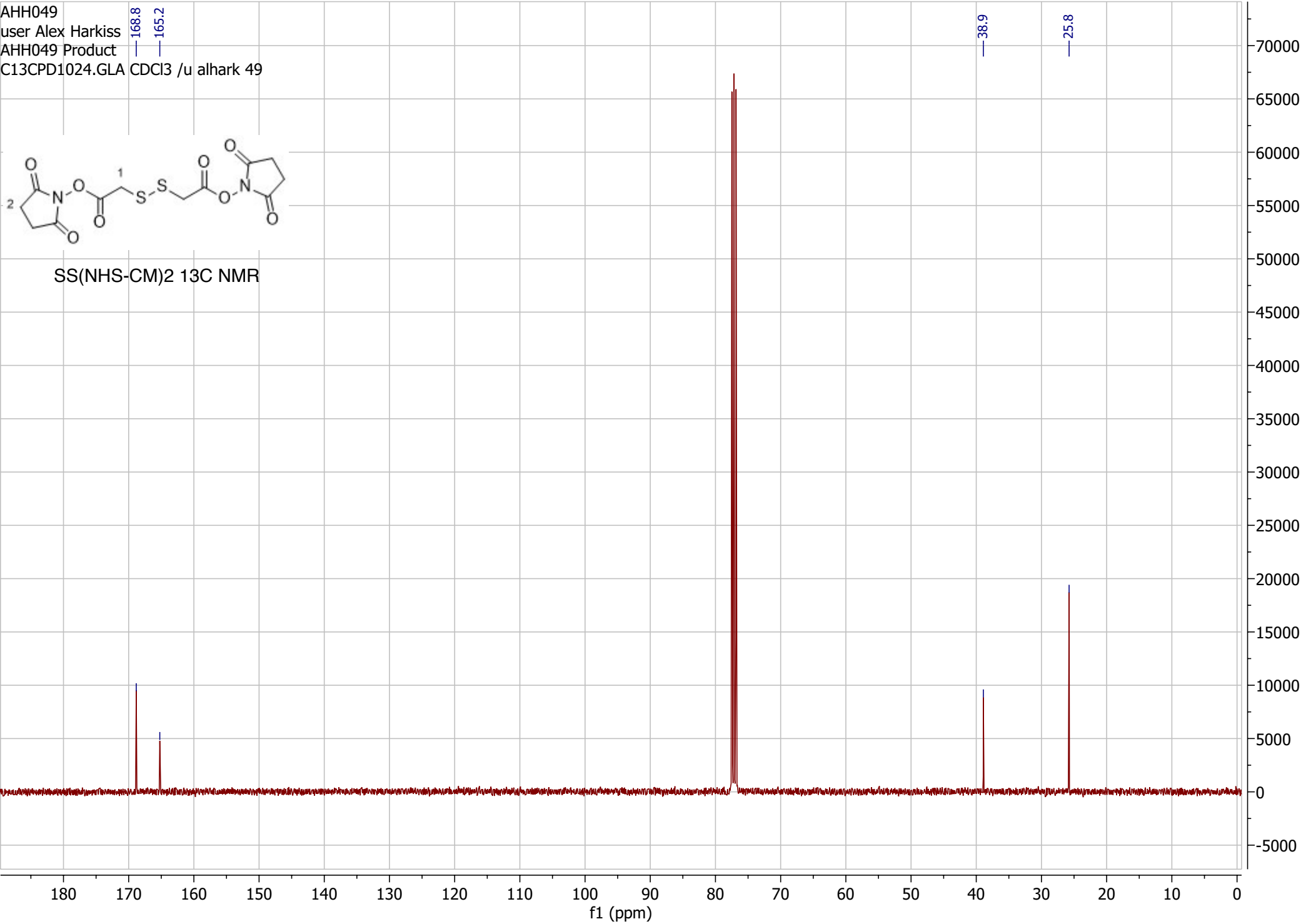
SS(NHS-CM)₂ 1H NMR



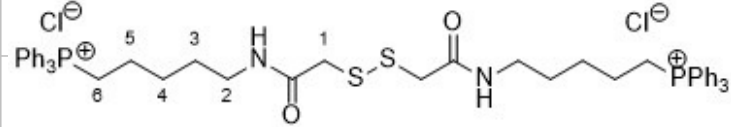
AHH049
user Alex Harkiss
AHH049 Product
C13CPD1024.GLA CDCl3 /u alhark 49



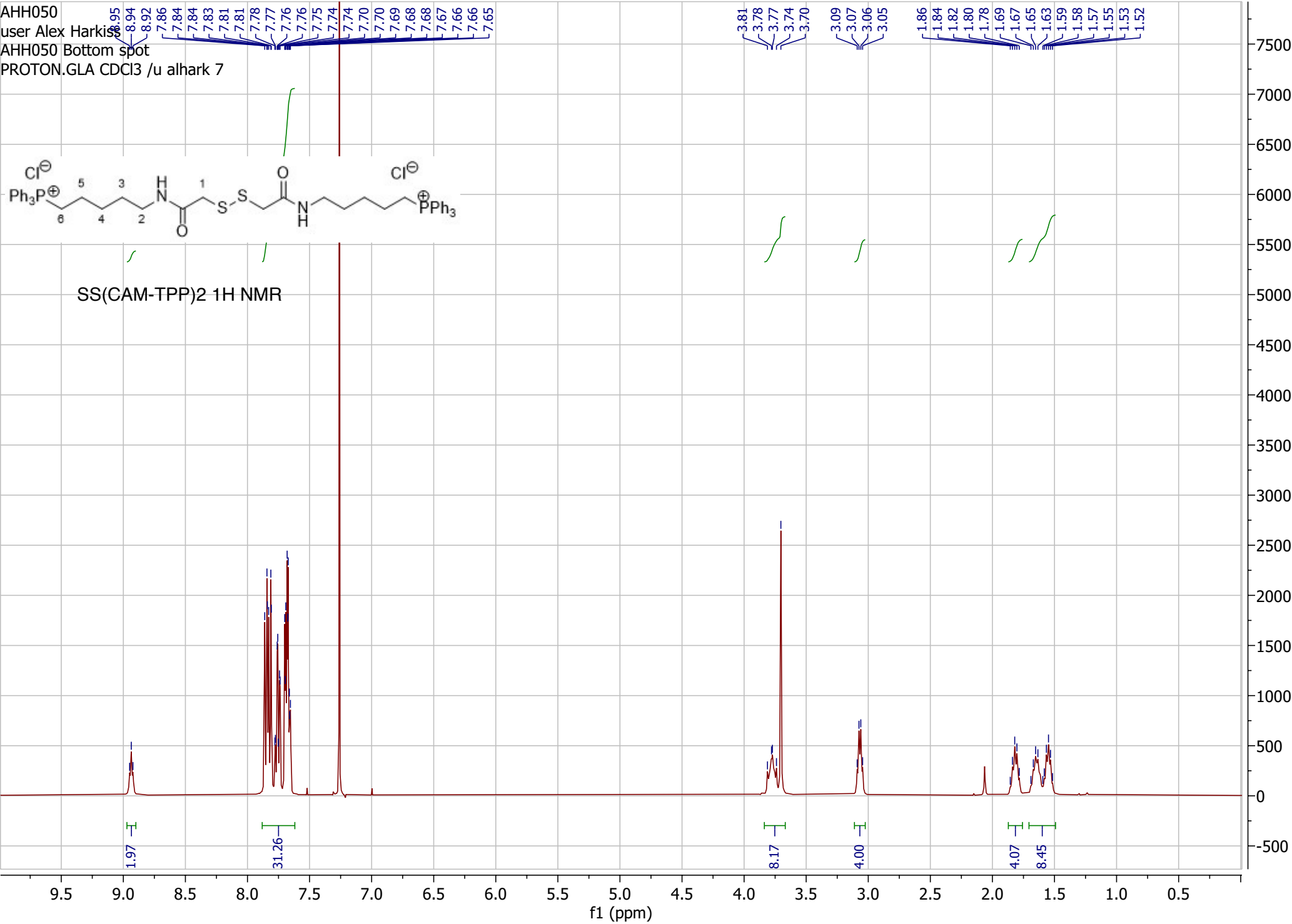
SS(NHS-CM)2 13C NMR



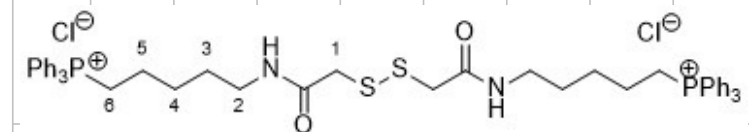
AHH050
user Alex Harkiss
AHH050 Bottom spot
PROTON.GLA CDCl3 /u alhark 7



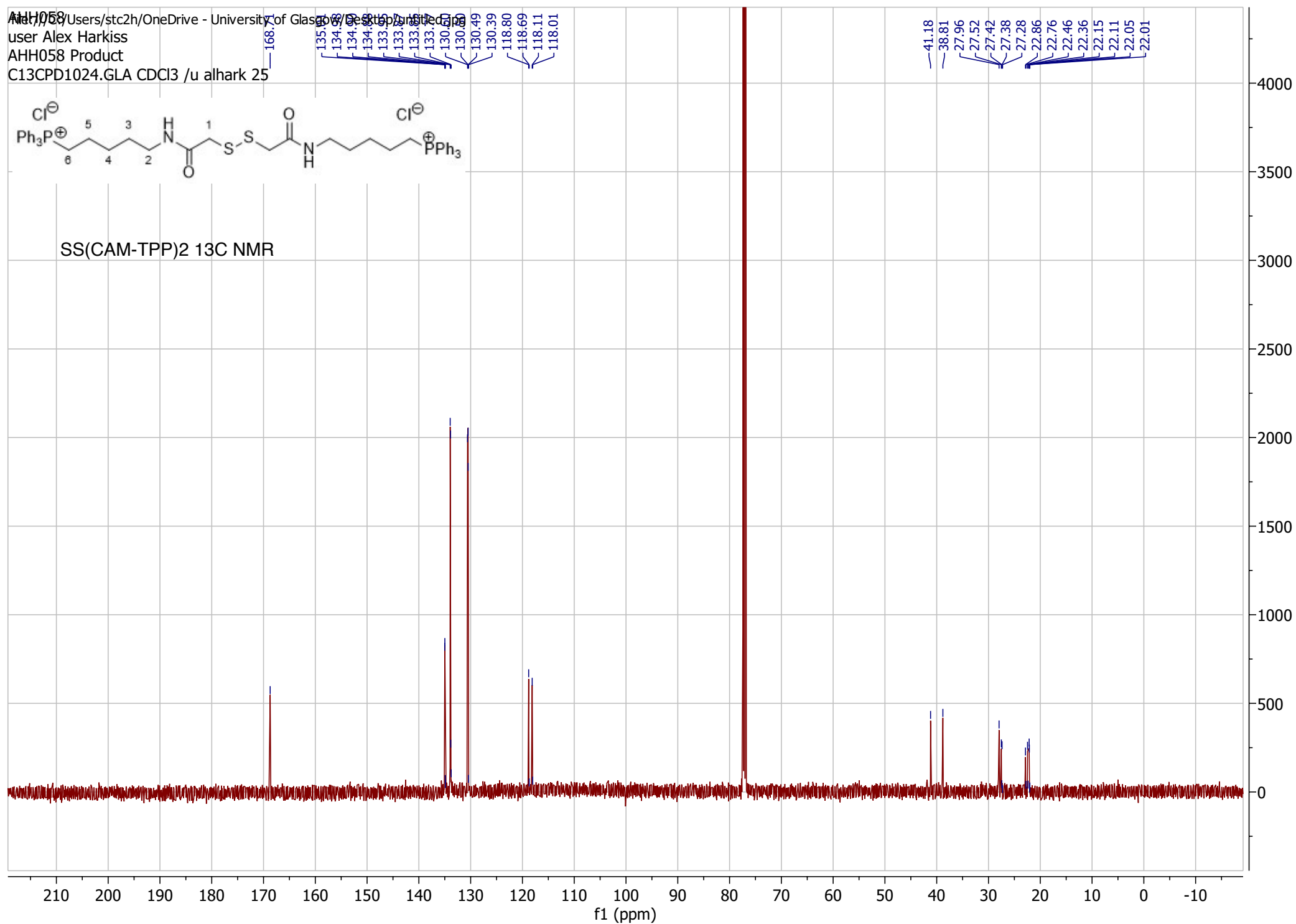
SS(CAM-TPP)2 1H NMR



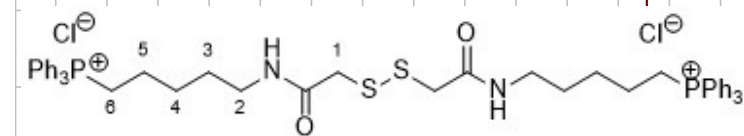
AHH058
user Alex Harkiss
AHH058 Product
C13CPD1024.GLA CDCl3 /u alhark 25



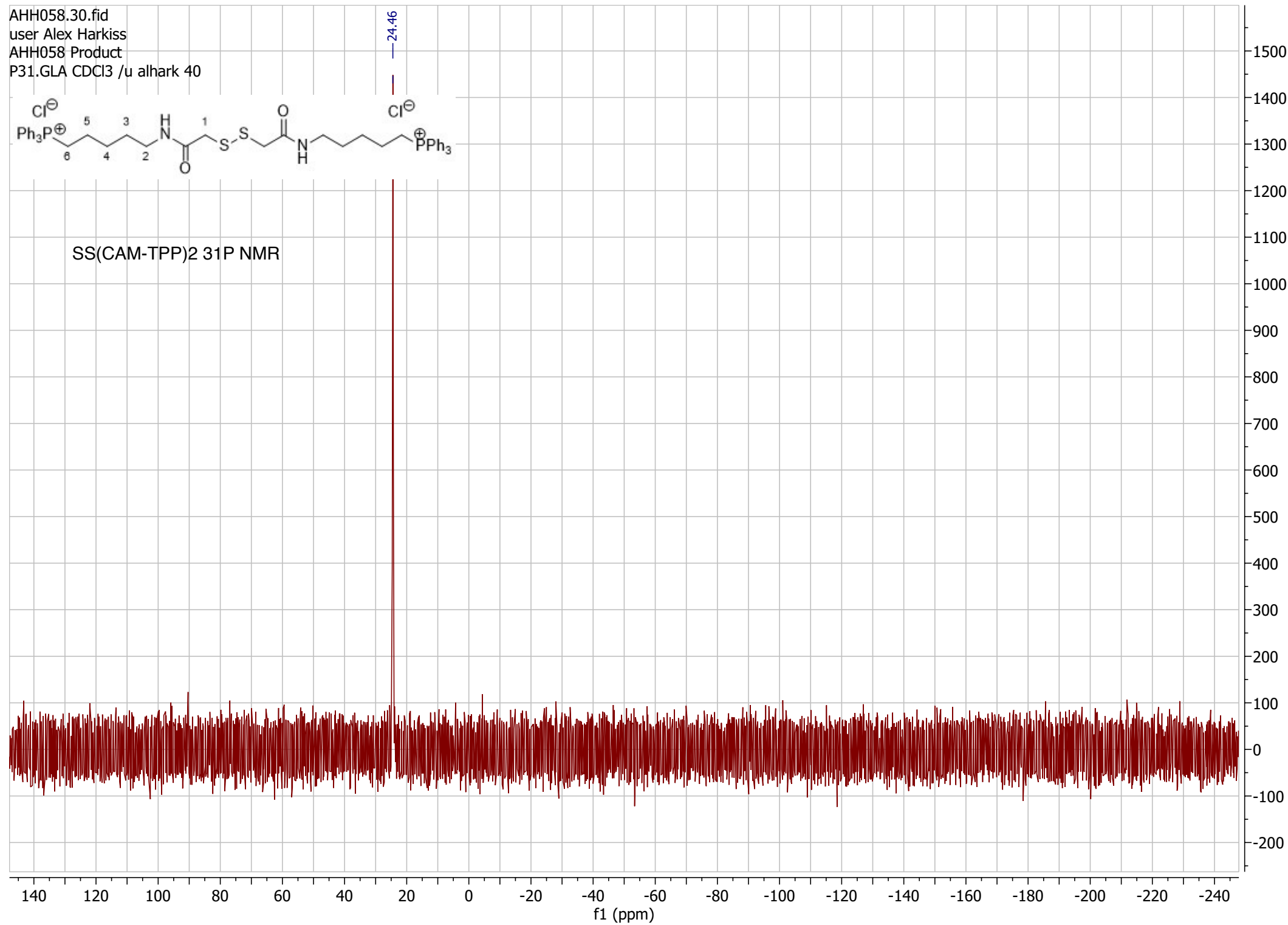
SS(CAM-TPP)2 ^{13}C NMR



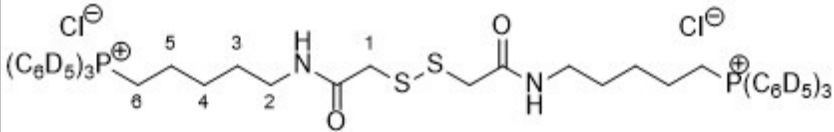
AHH058.30.fid
user Alex Harkiss
AHH058 Product
P31.GLA CDCl3 /u alhark 40



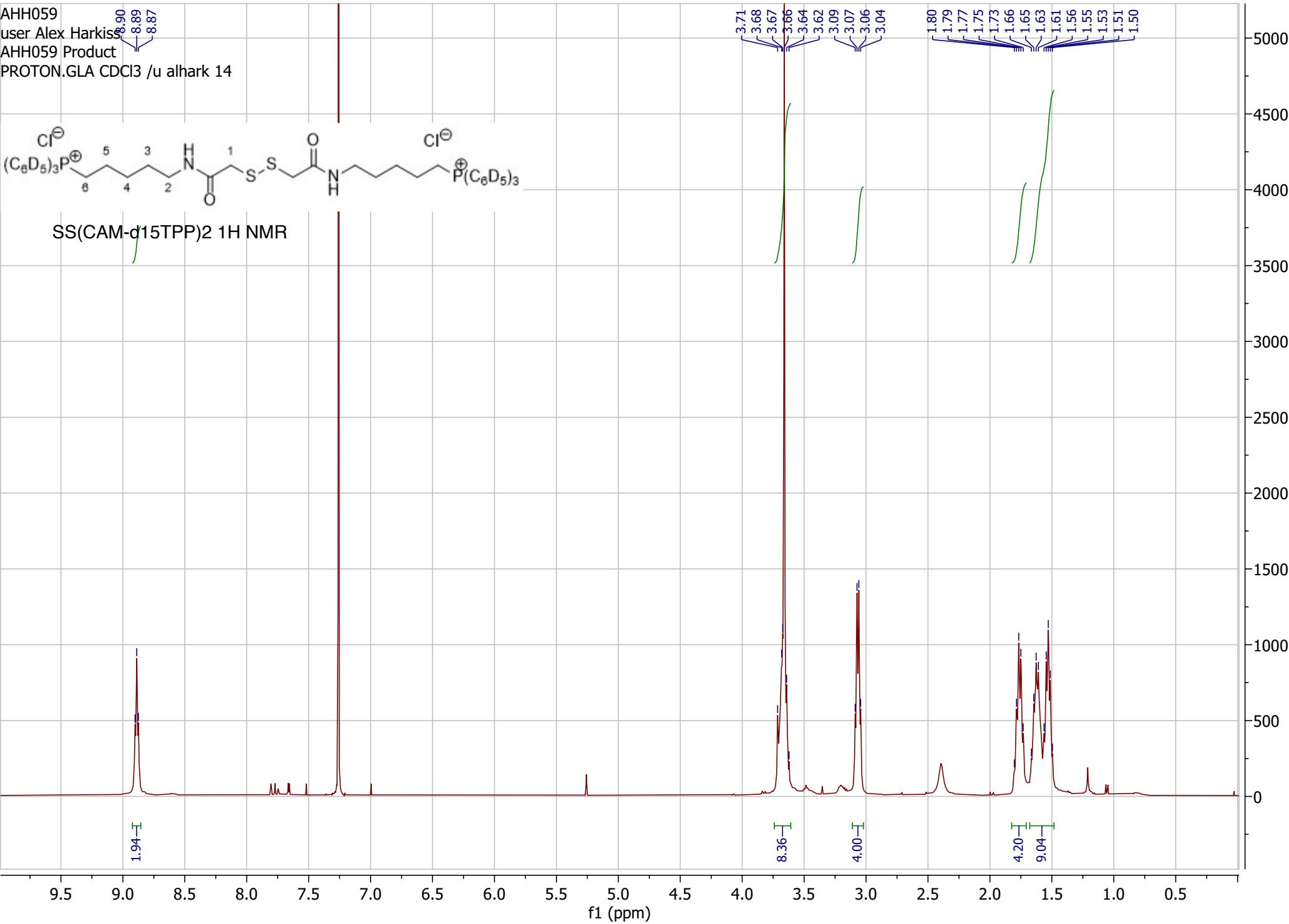
SS(CAM-TPP)2 31P NMR



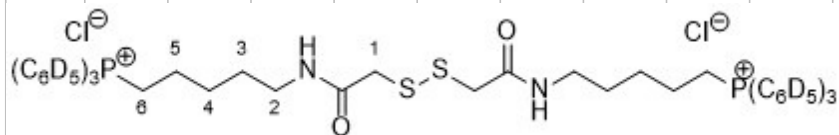
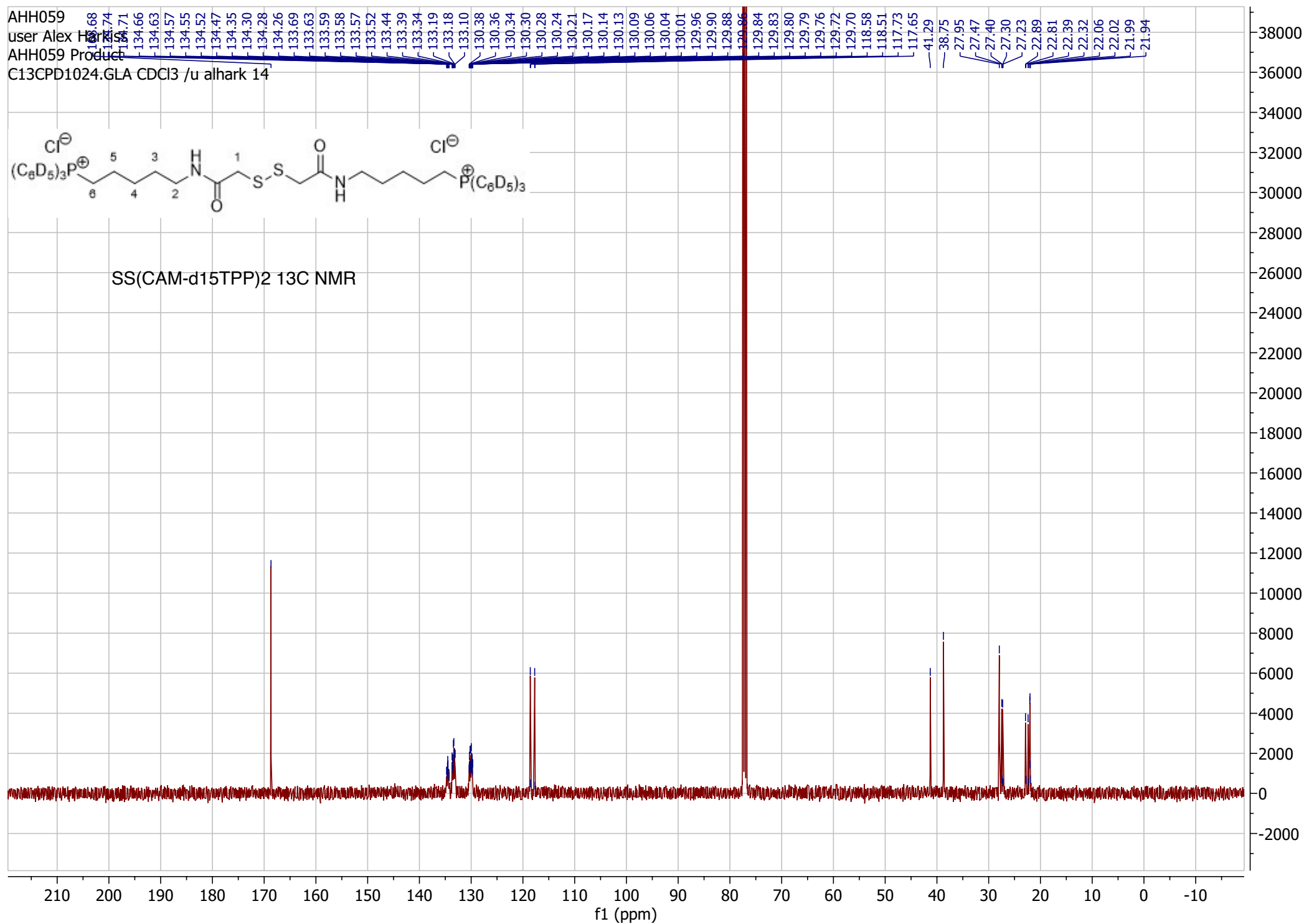
AHH059
user Alex Harkiss
AHH059 Product
PROTON.GLA CDCl3 /u alhark 14



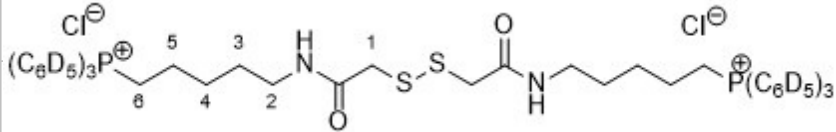
SS(CAM-d15TPP)2 1H NMR



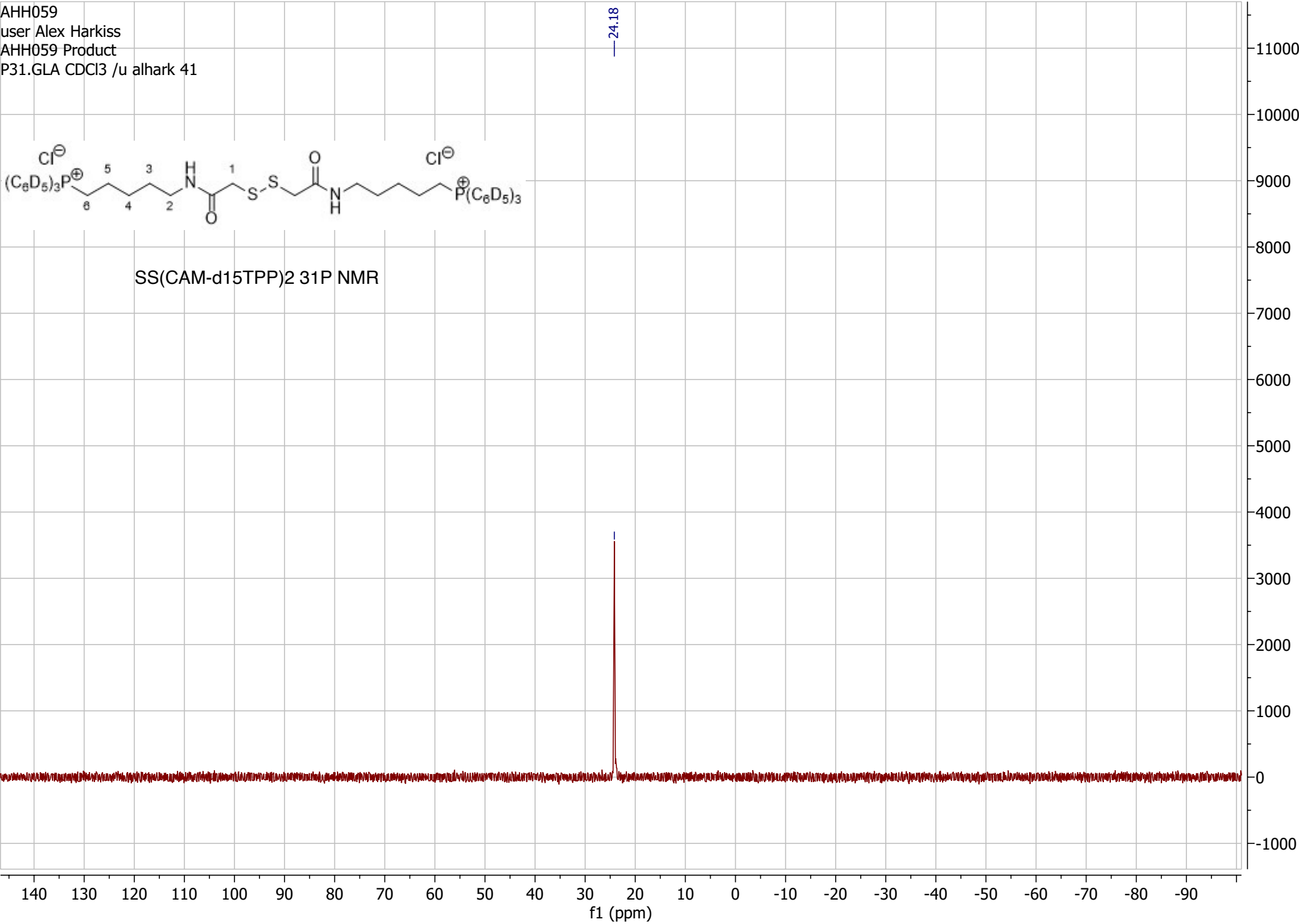
AHH059	138.68	138.74	138.71	134.66	134.63	134.57	134.55	134.52	134.47	134.35	134.30	134.28
user Alex Hark	138.68	138.74	138.71	134.66	134.63	134.57	134.55	134.52	134.47	134.35	134.30	134.28
AHH059 Product	138.68	138.74	138.71	134.66	134.63	134.57	134.55	134.52	134.47	134.35	134.30	134.28
C13CPD1024.GLA CDCI3 /u alhark 14	138.68	138.74	138.71	134.66	134.63	134.57	134.55	134.52	134.47	134.35	134.30	134.28

SS(CAM-d15TPP)₂ ¹³C NMR

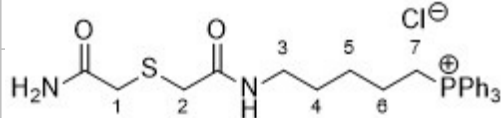
AHH059
user Alex Harkiss
AHH059 Product
P31.GLA CDCl3 /u alhark 41



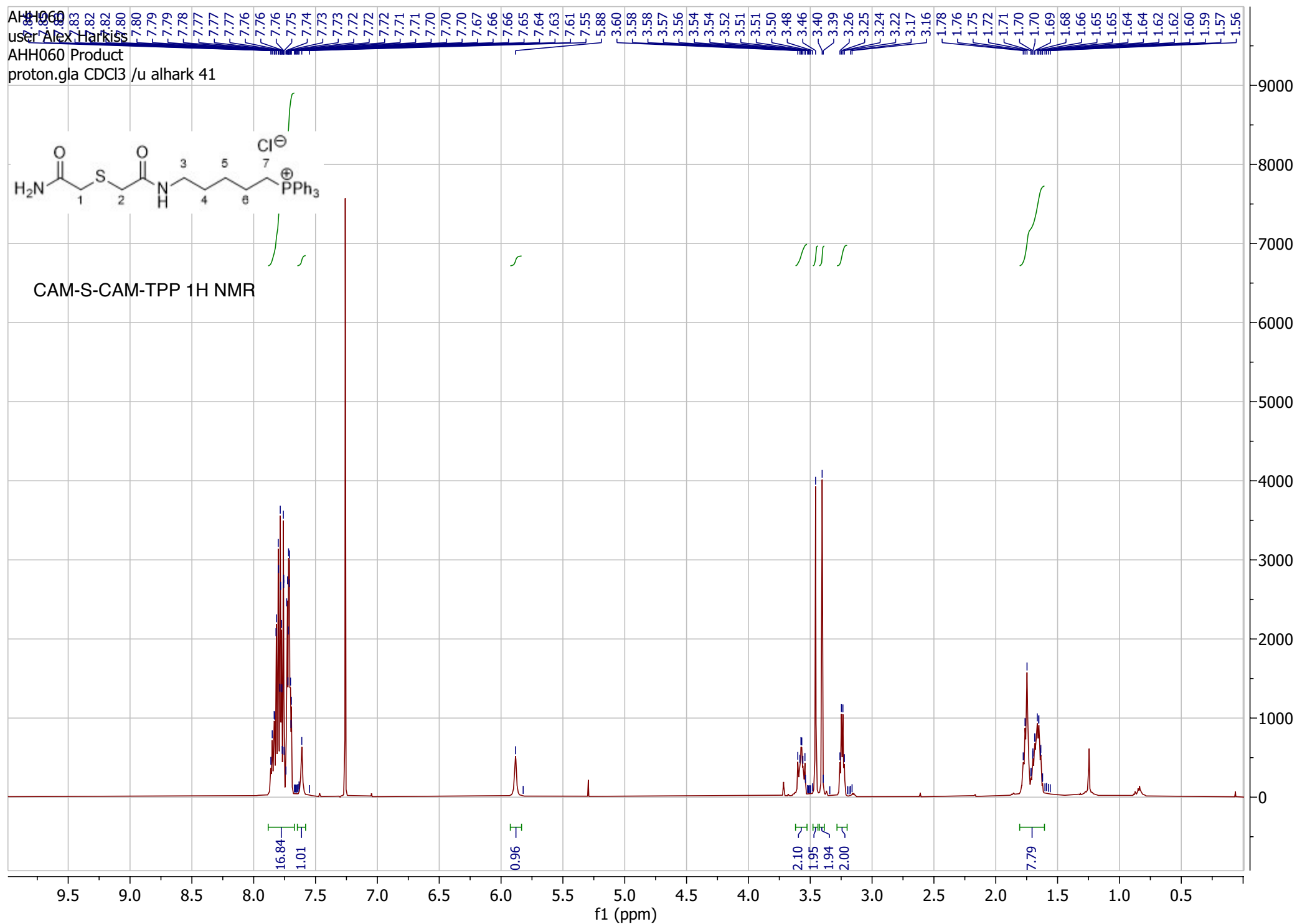
SS(CAM-d15TPP)2 31P NMR



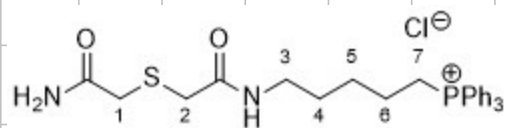
AHH060
user: Alex Harkiss
AHH060 Product
proton.gla CDCl3 /u alhark 41



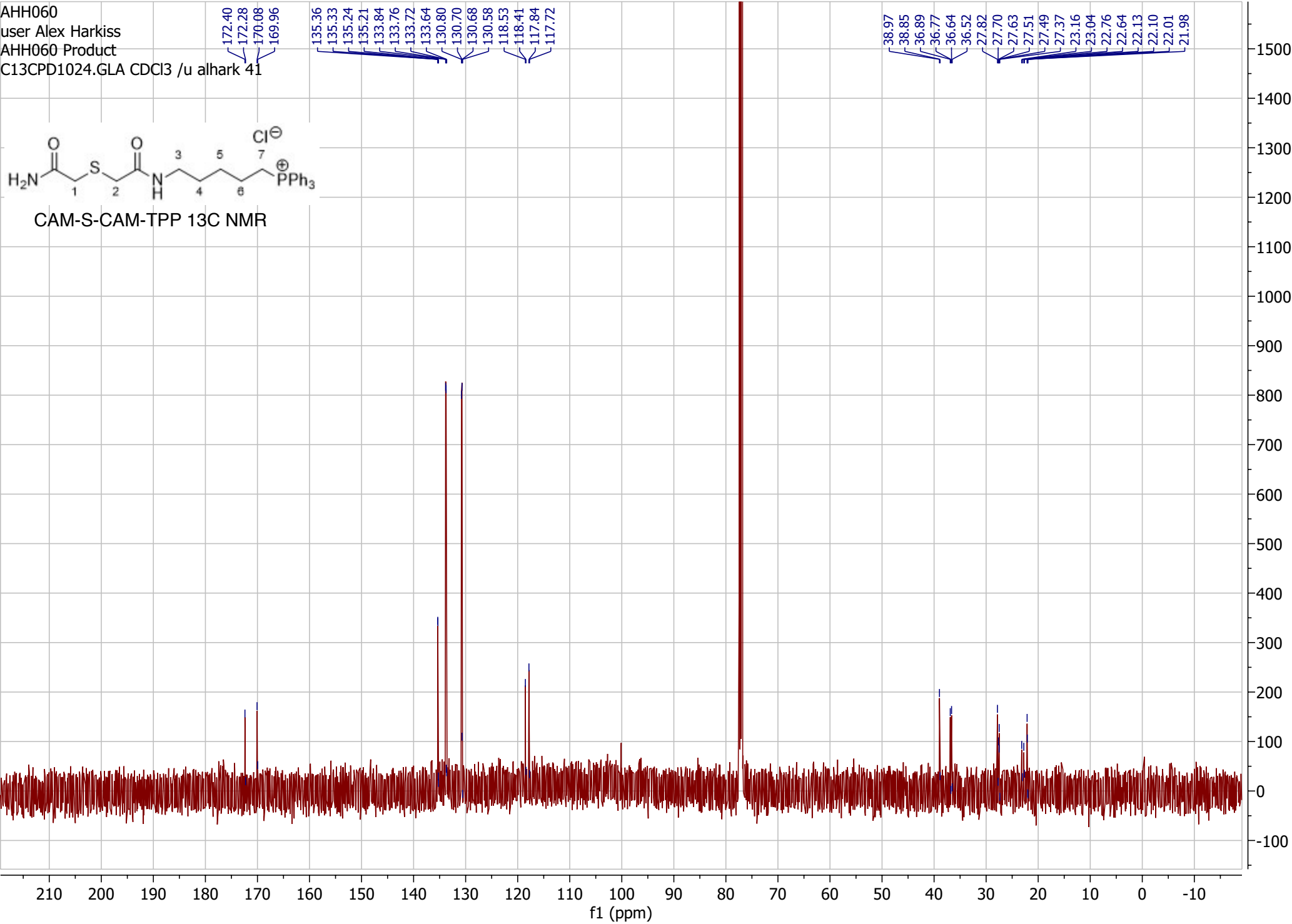
CAM-S-CAM-TPP 1H NMR



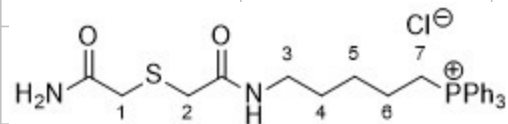
AHH060
user Alex Harkiss
AHH060 Product
C13CPD1024.GLA CDCl3 /u alhark 41



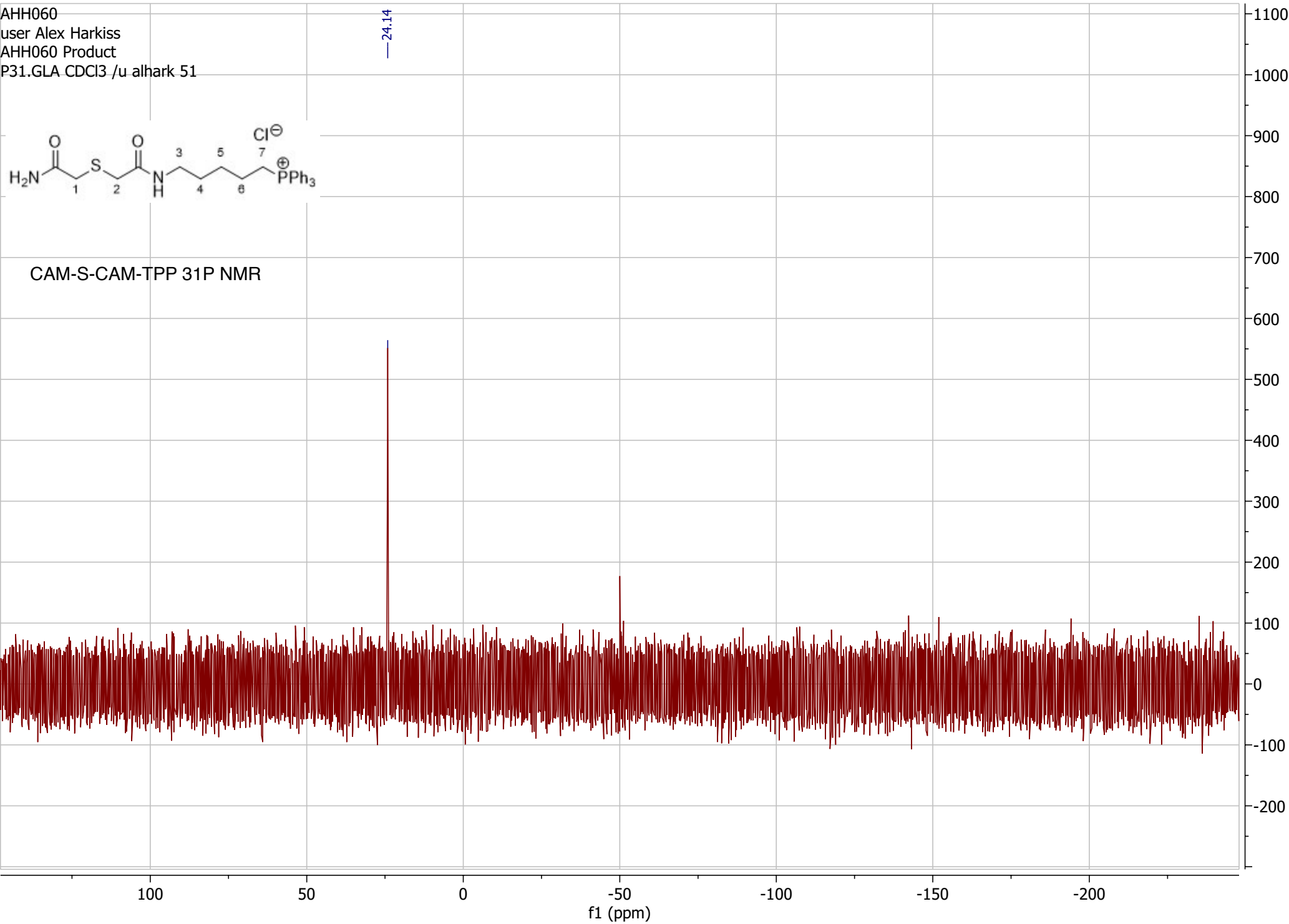
CAM-S-CAM-TPP 13C NMR



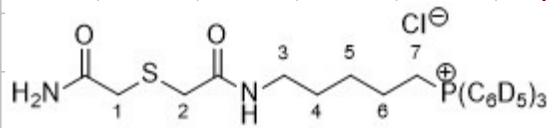
AHH060
user Alex Harkiss
AHH060 Product
P31.GLA CDCl3 /u alhark 51



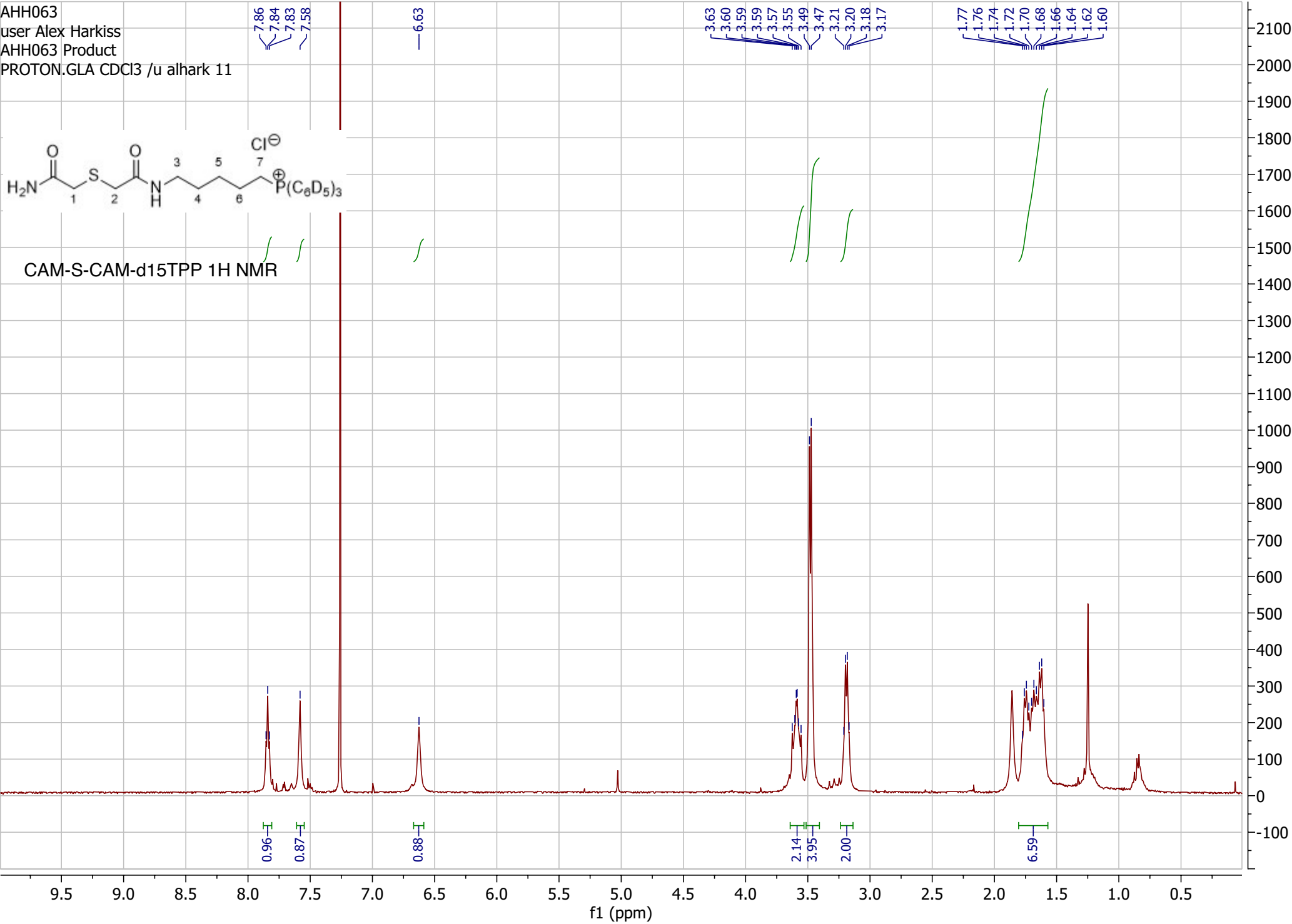
CAM-S-CAM-TPP 31P NMR

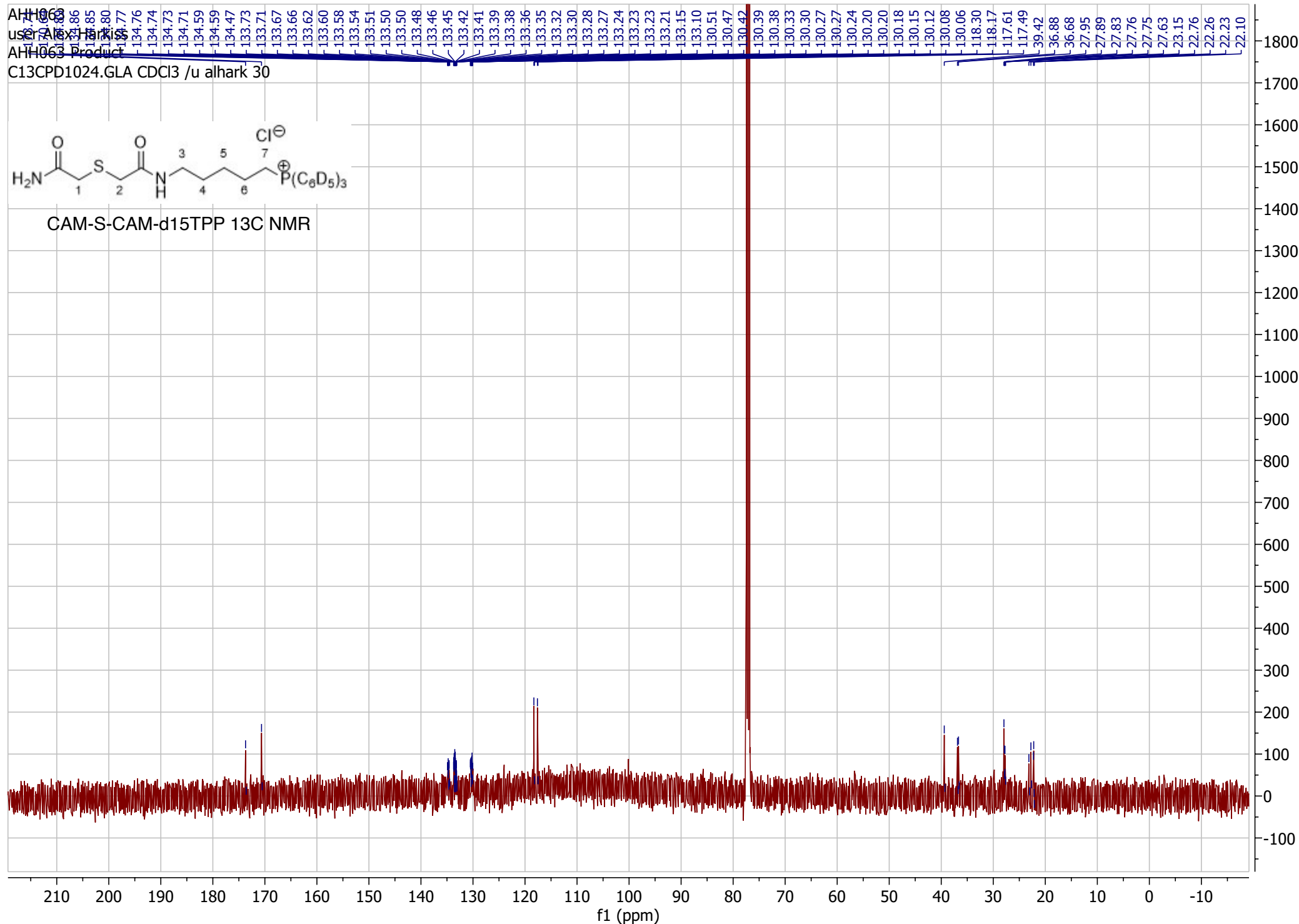


AHH063
user Alex Harkiss
AHH063 Product
PROTON.GLA CDCl3 /u alhark 11

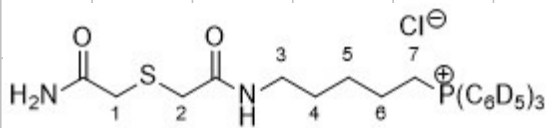


CAM-S-CAM-d15TPP 1H NMR

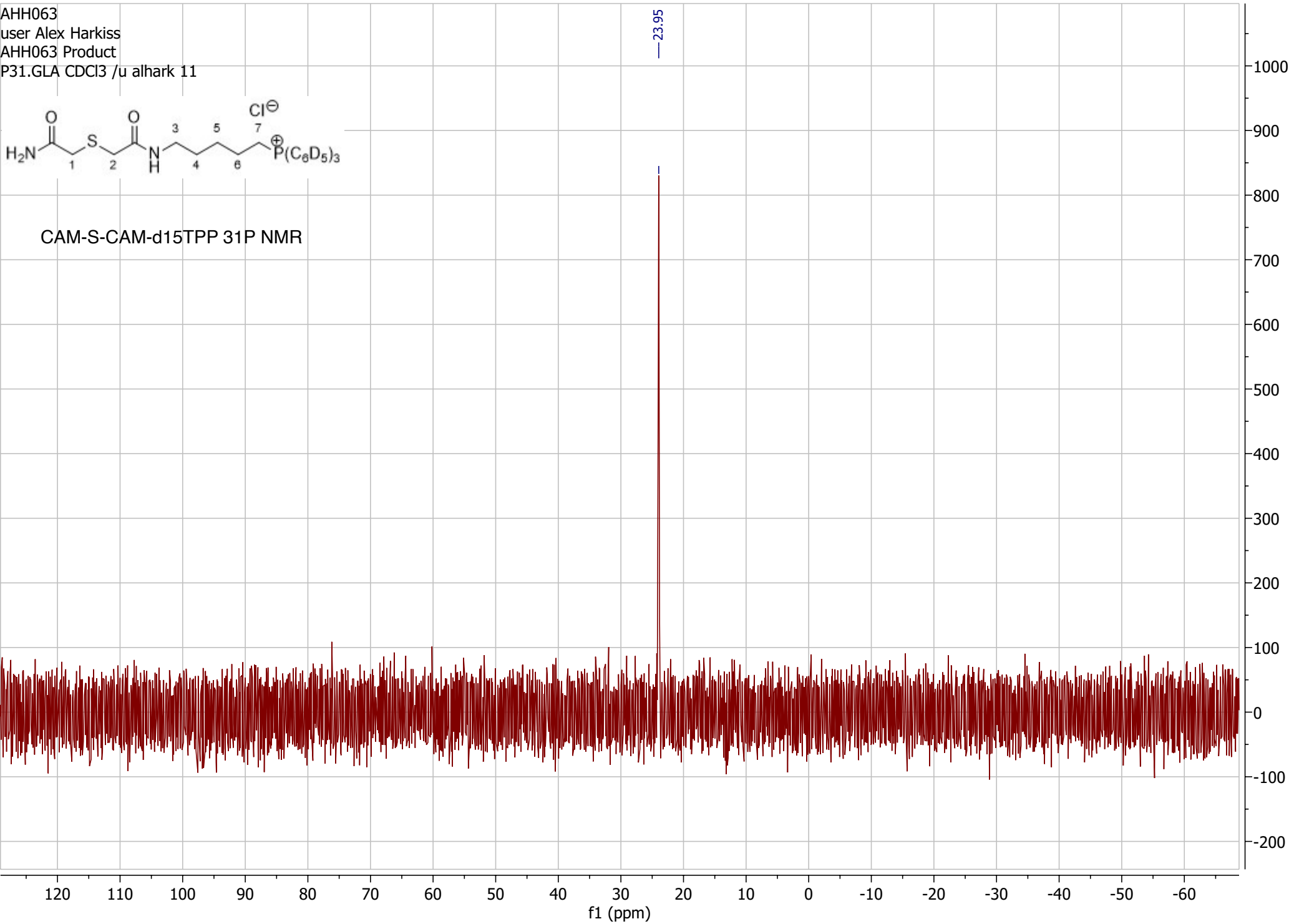




AHH063
user Alex Harkiss
AHH063 Product
P31.GLA CDCl3 /u alhark 11



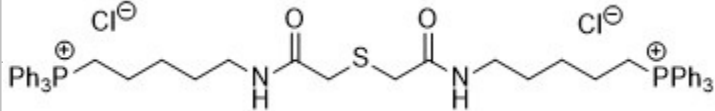
CAM-S-CAM-d15TPP 31P NMR



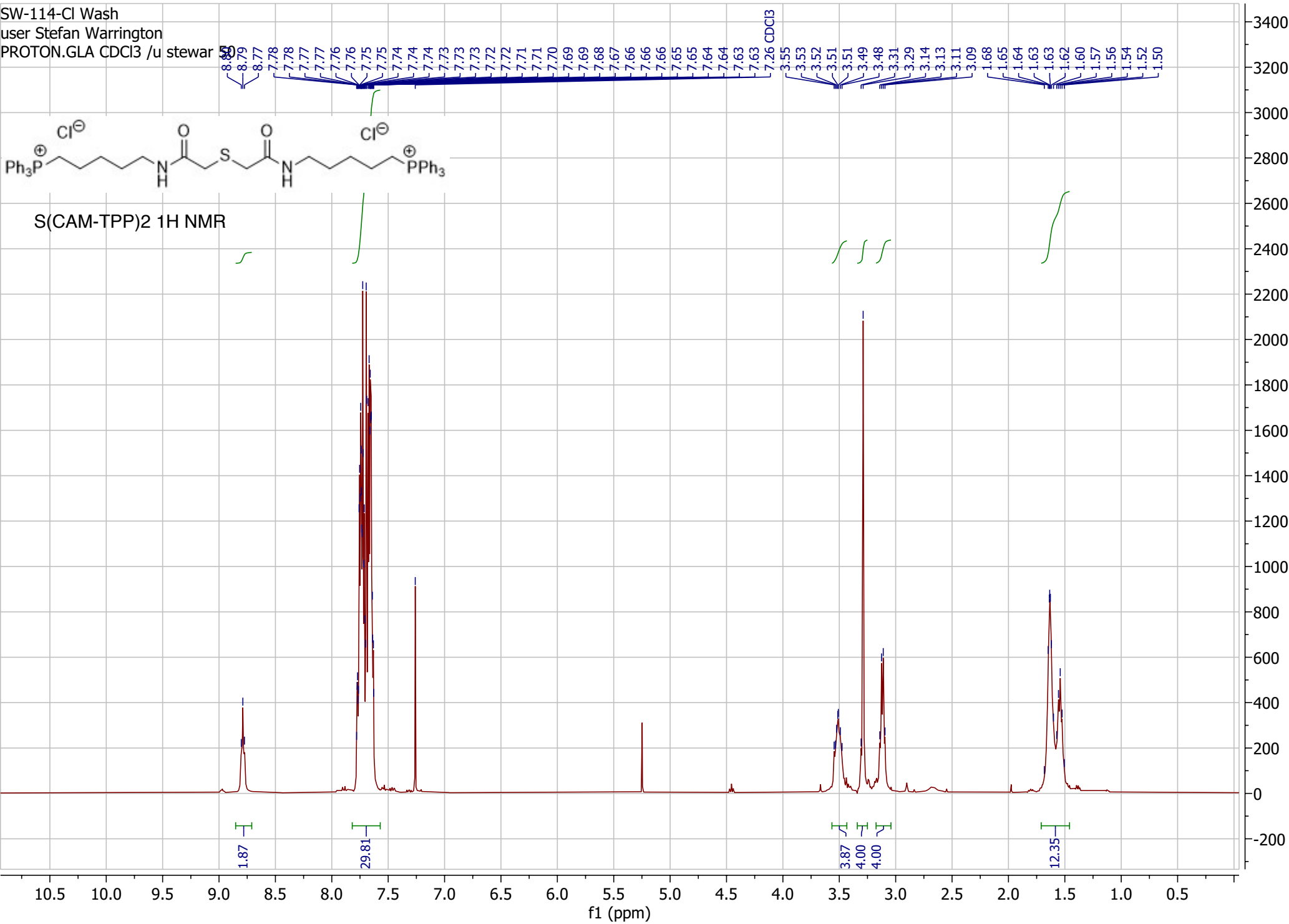
SW-114-Cl Wash
user Stefan Warrington
PROTON.GLA CDCl3 /u

stewar

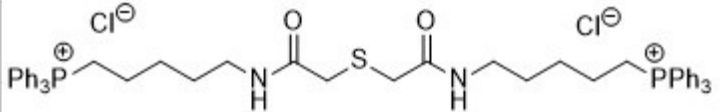
50



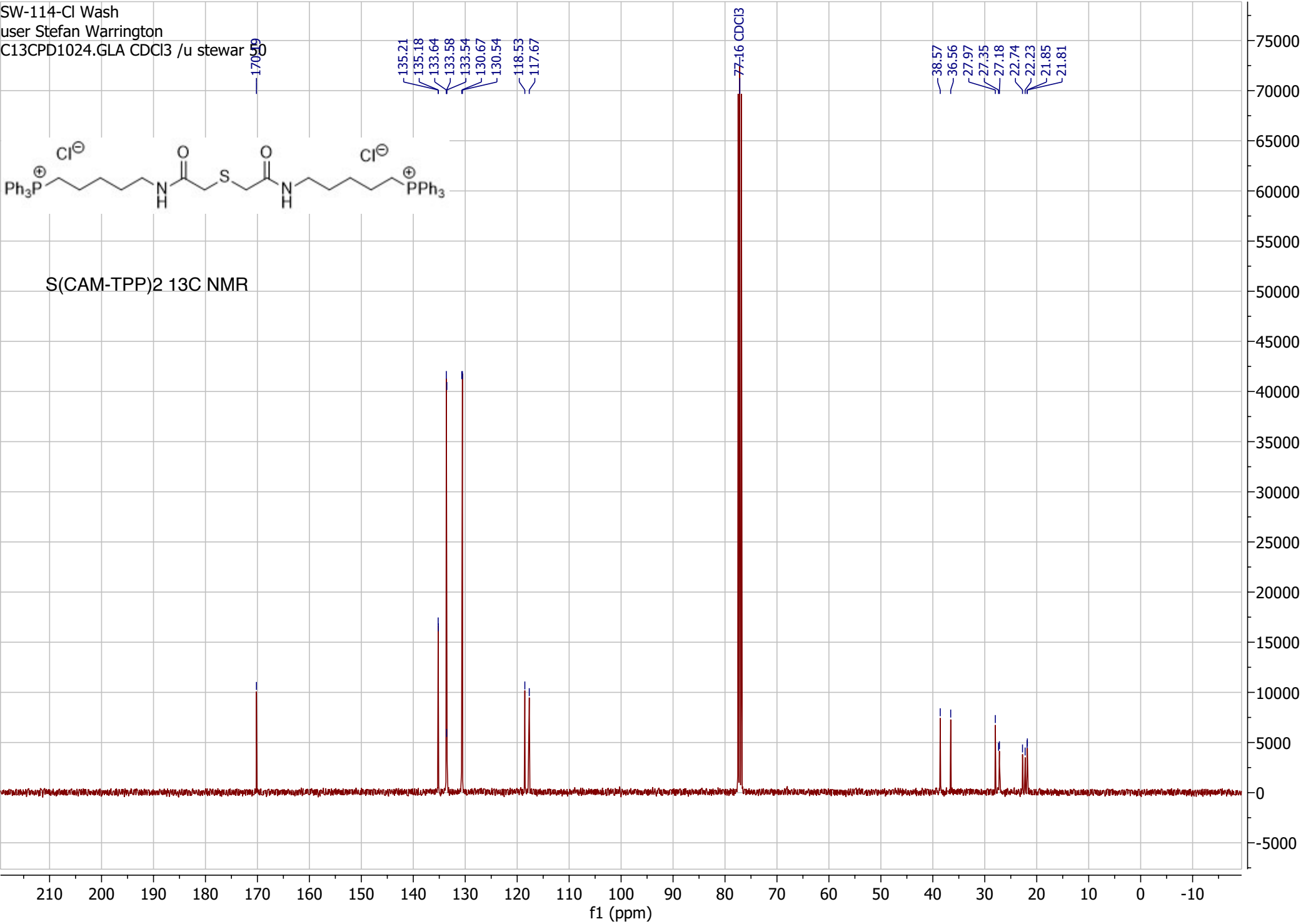
S(CAM-TPP)2 1H NMR



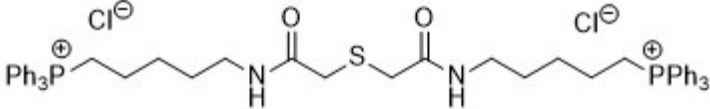
SW-114-Cl Wash
user Stefan Warrington
C13CPD1024.GLA CDCl3 /u stewar



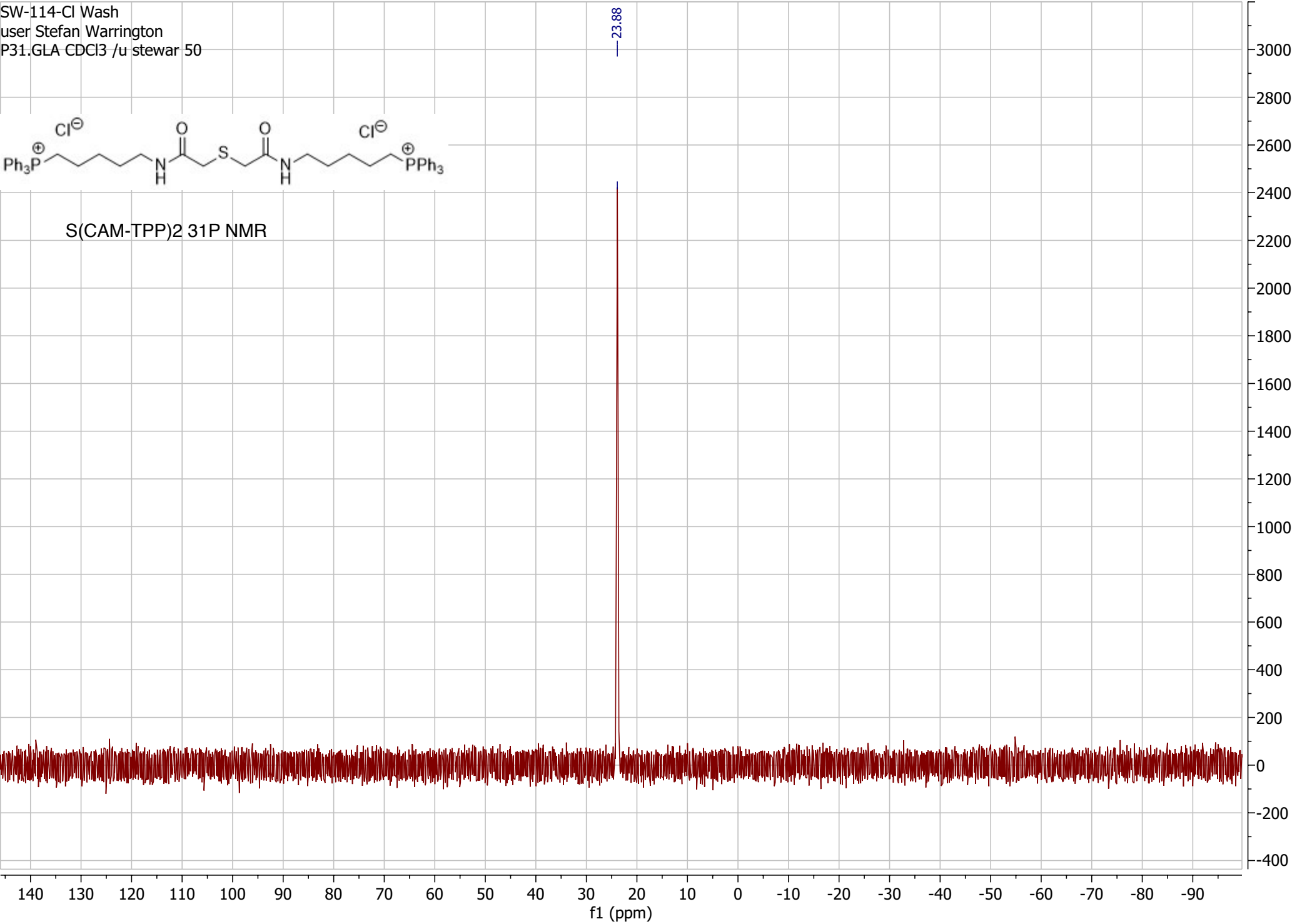
S(CAM-TPP)2 13C NMR



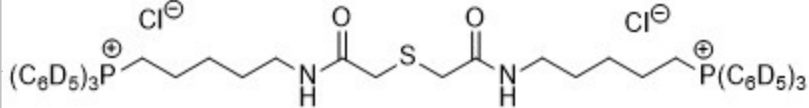
SW-114-Cl Wash
user Stefan Warrington
P31.GLA CDCl3 /u stewar 50



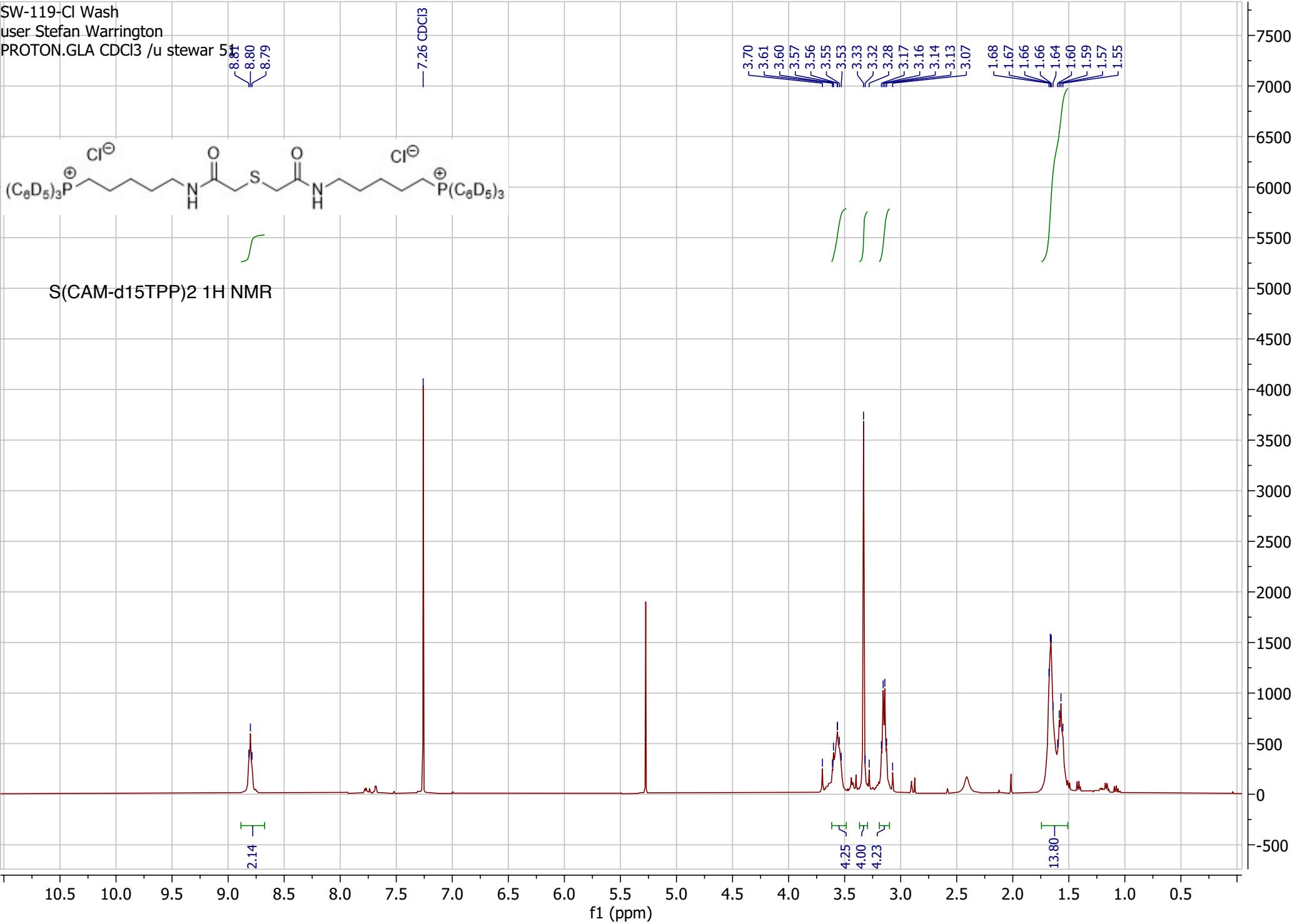
S(CAM-TPP)2 31P NMR



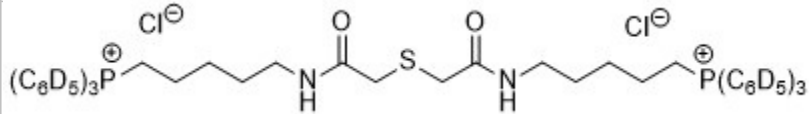
SW-119-Cl Wash
user Stefan Warrington
PROTON.GLA CDCl3 /u stewar 51



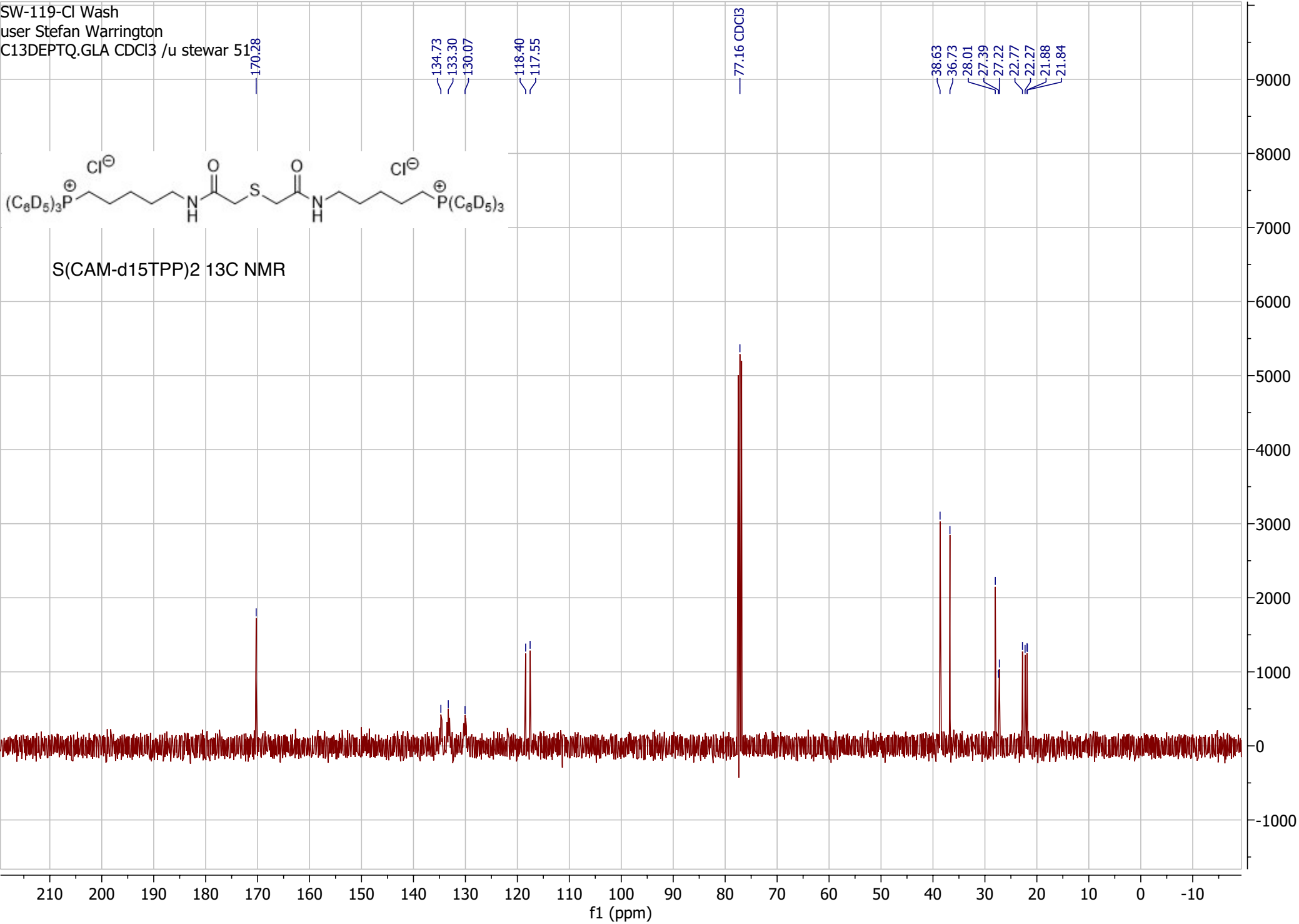
S(CAM-d15TPP)2 1H NMR



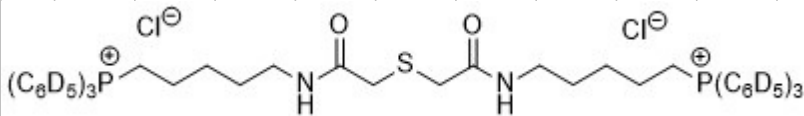
SW-119-Cl Wash
user Stefan Warrington
C13DEPTQ.GLA CDCl3 /u stewar 51



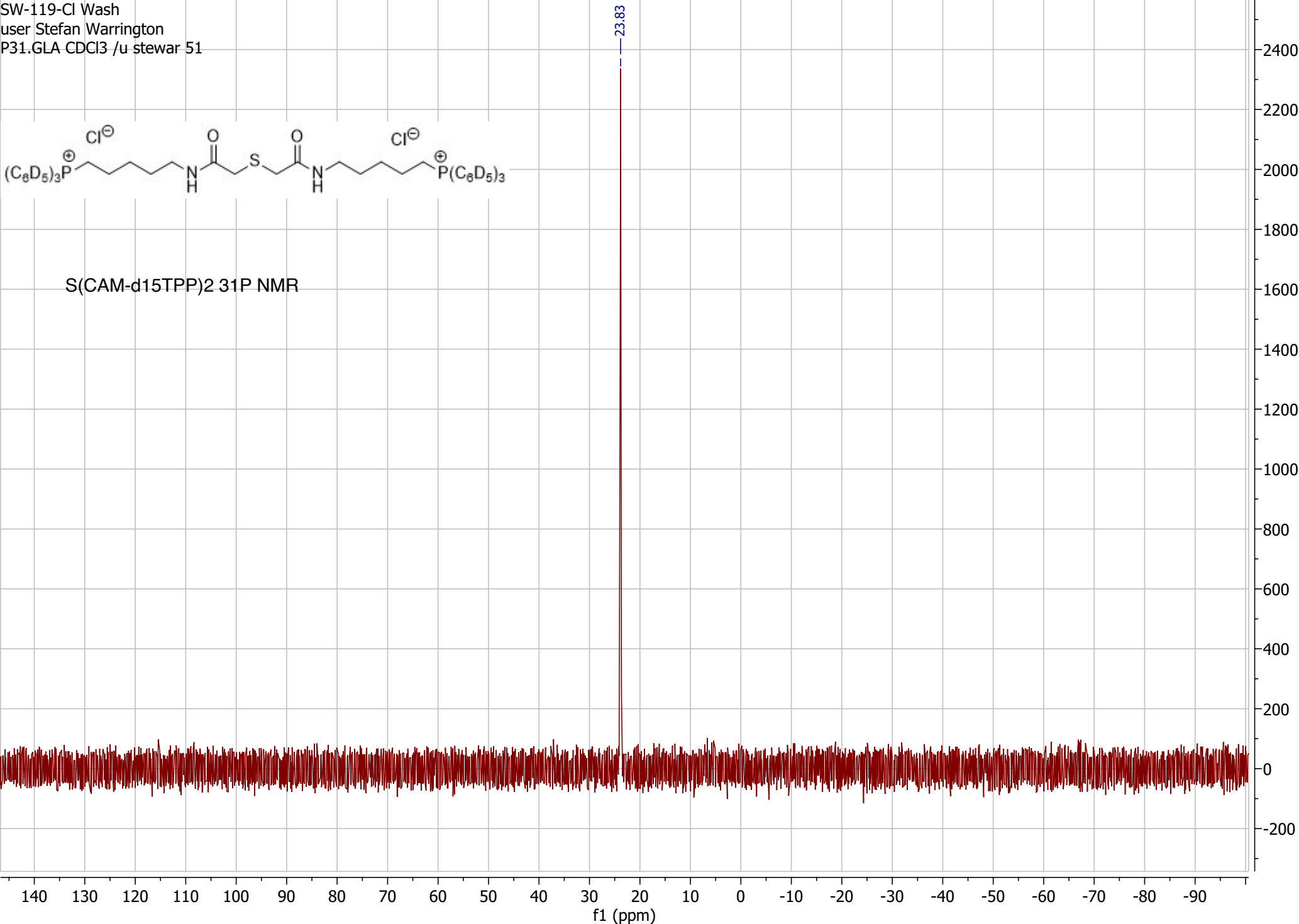
S(CAM-d15TPP)2 13C NMR



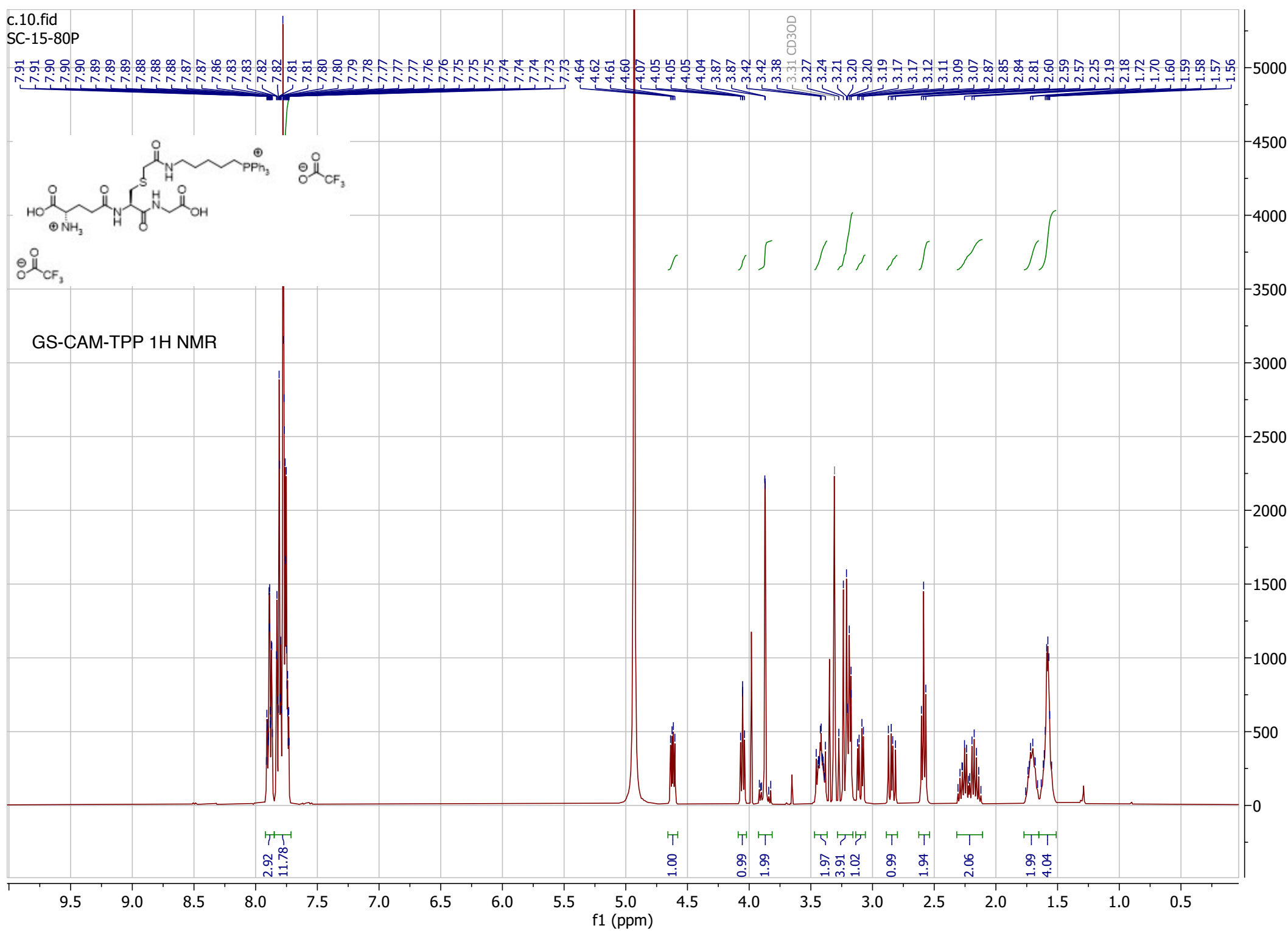
SW-119-Cl Wash
user Stefan Warrington
P31.GLA CDCl3 /u stewar 51



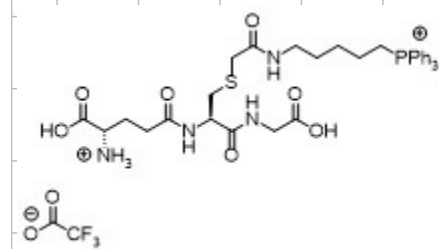
S(CAM-d15TPP)2 31P NMR



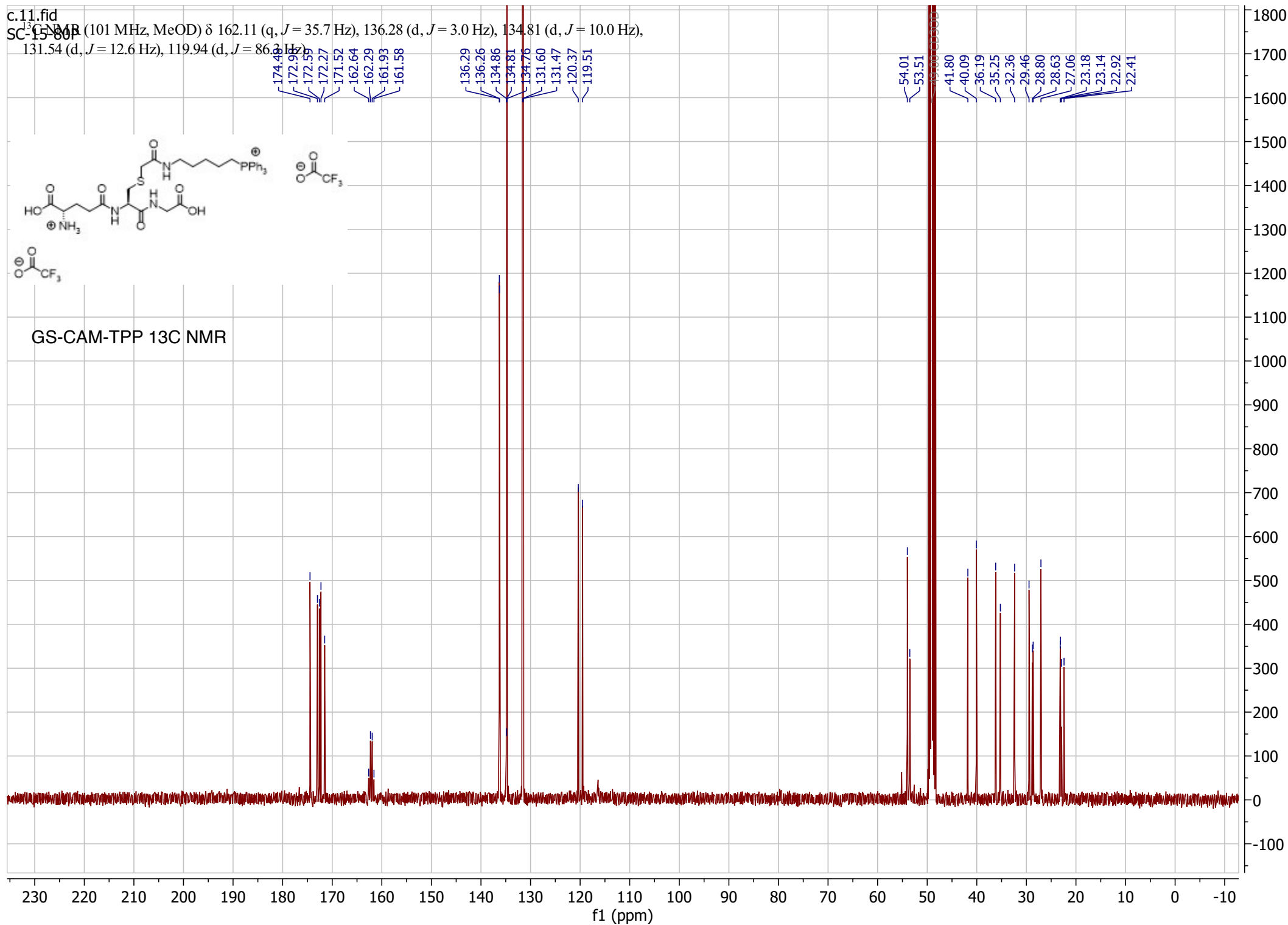
c.10.fid
SC-15-80P



c.11.fid
¹³C NMR (101 MHz, MeOD) δ 162.11 (q, *J* = 35.7 Hz), 136.28 (d, *J* = 3.0 Hz), 134.81 (d, *J* = 10.0 Hz),
 131.54 (d, *J* = 12.6 Hz), 119.94 (d, *J* = 86.3 Hz),

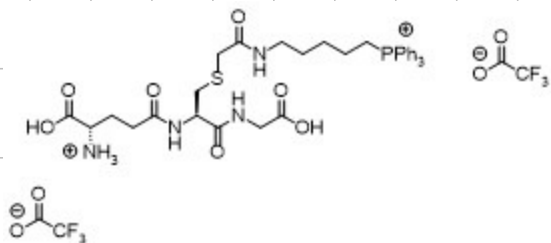


GS-CAM-TPP ¹³C NMR

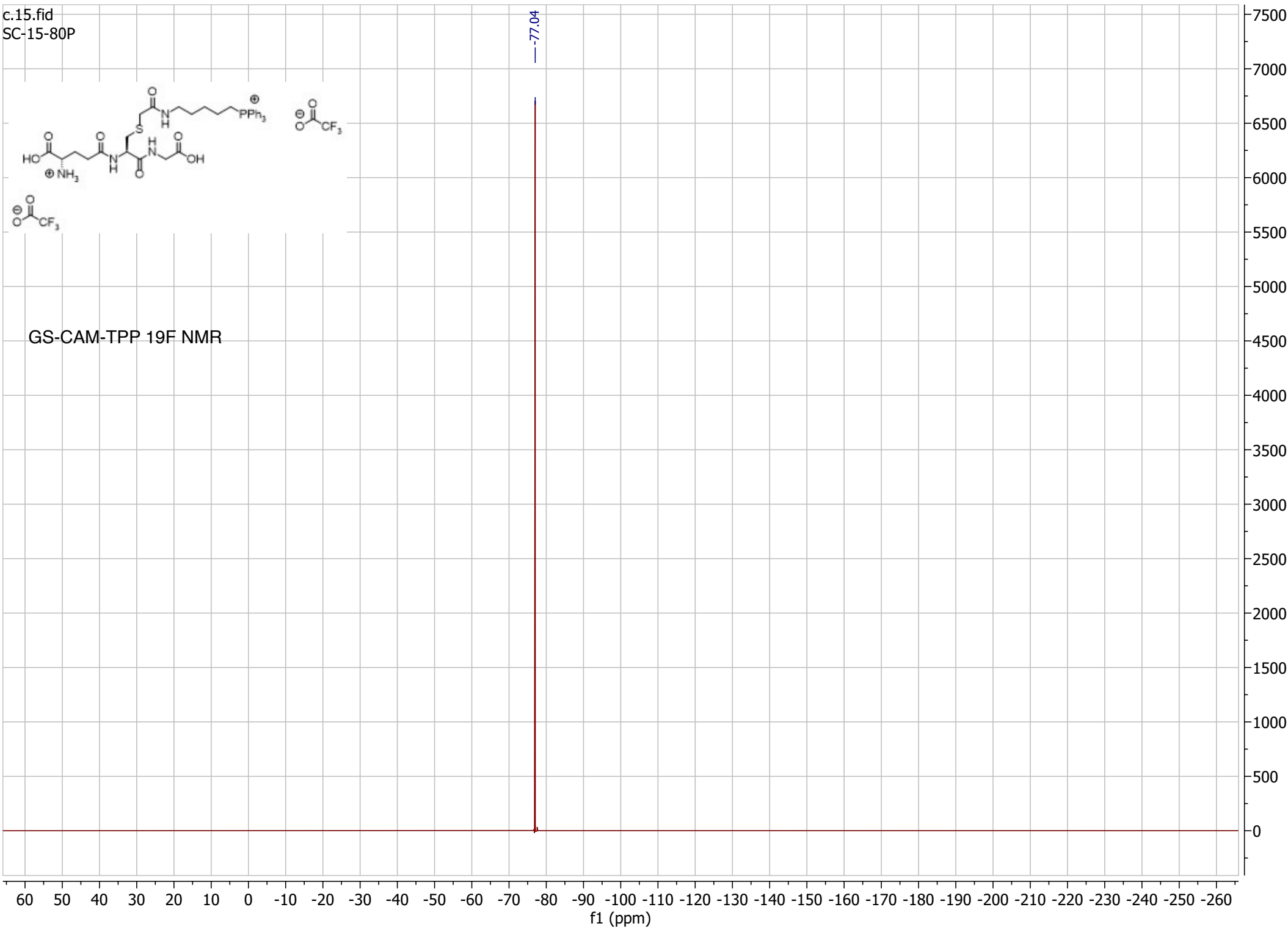


c.15.fid

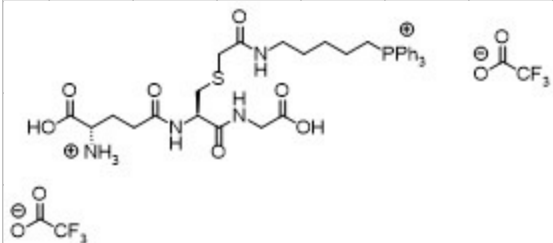
SC-15-80P



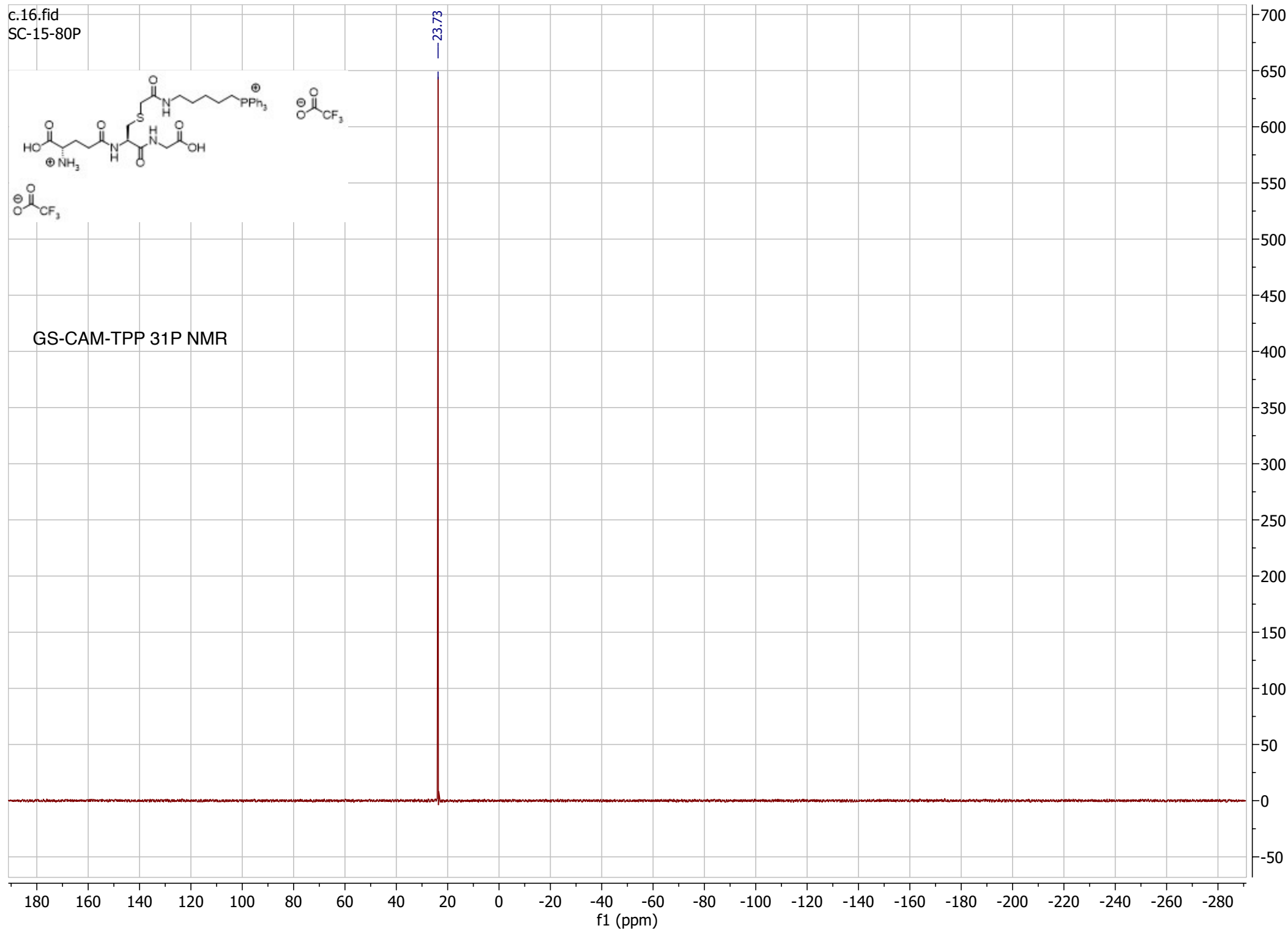
GS-CAM-TPP 19F NMR



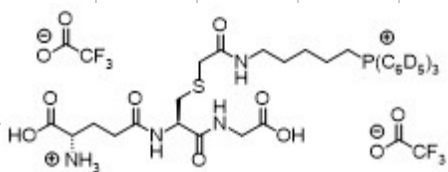
c.16.fid	
SC-15-80P	



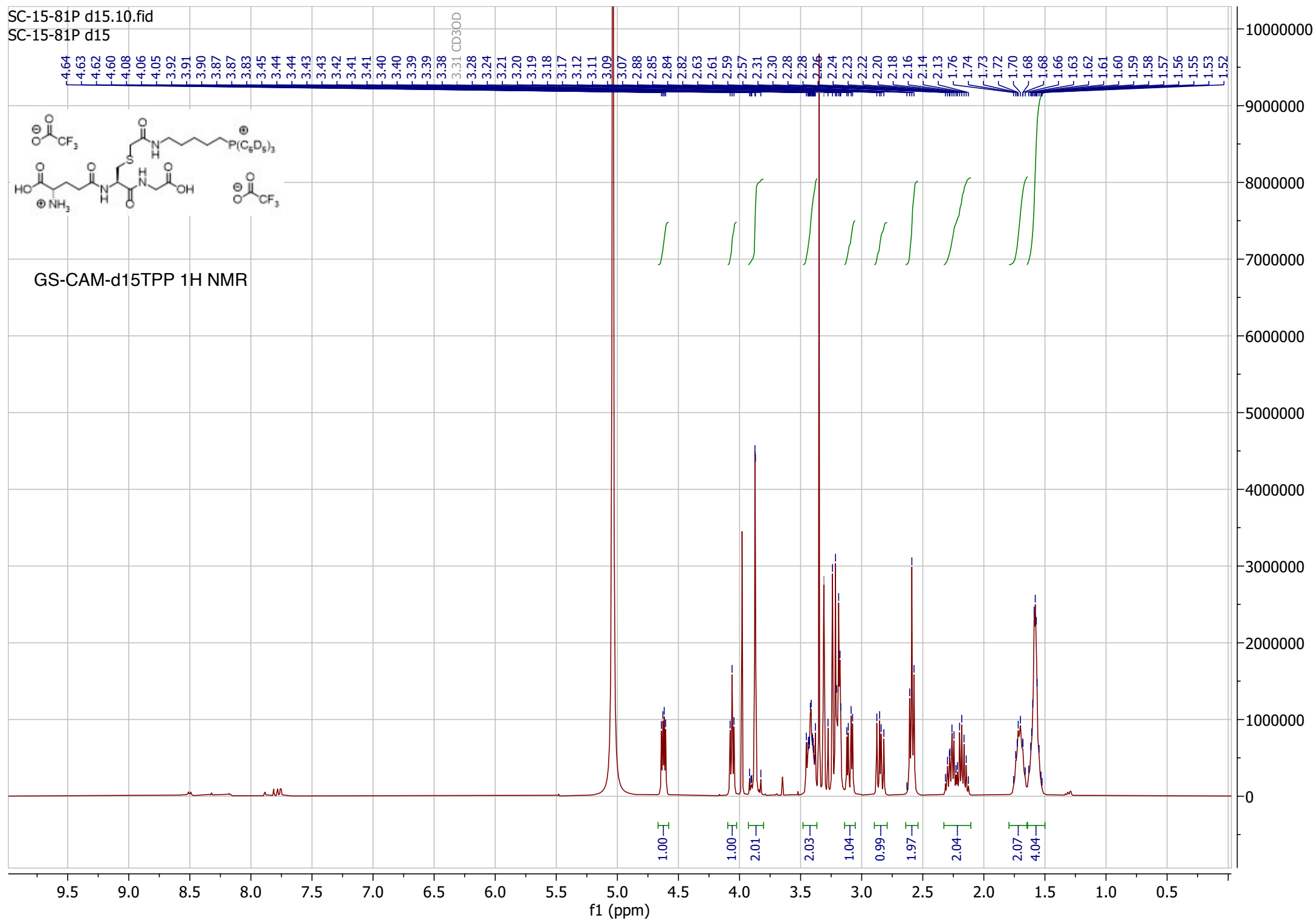
GS-CAM-TPP 31P NMR



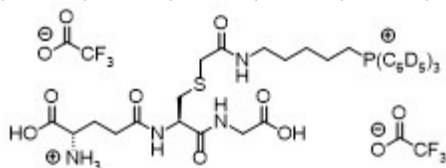
SC-15-81P d15



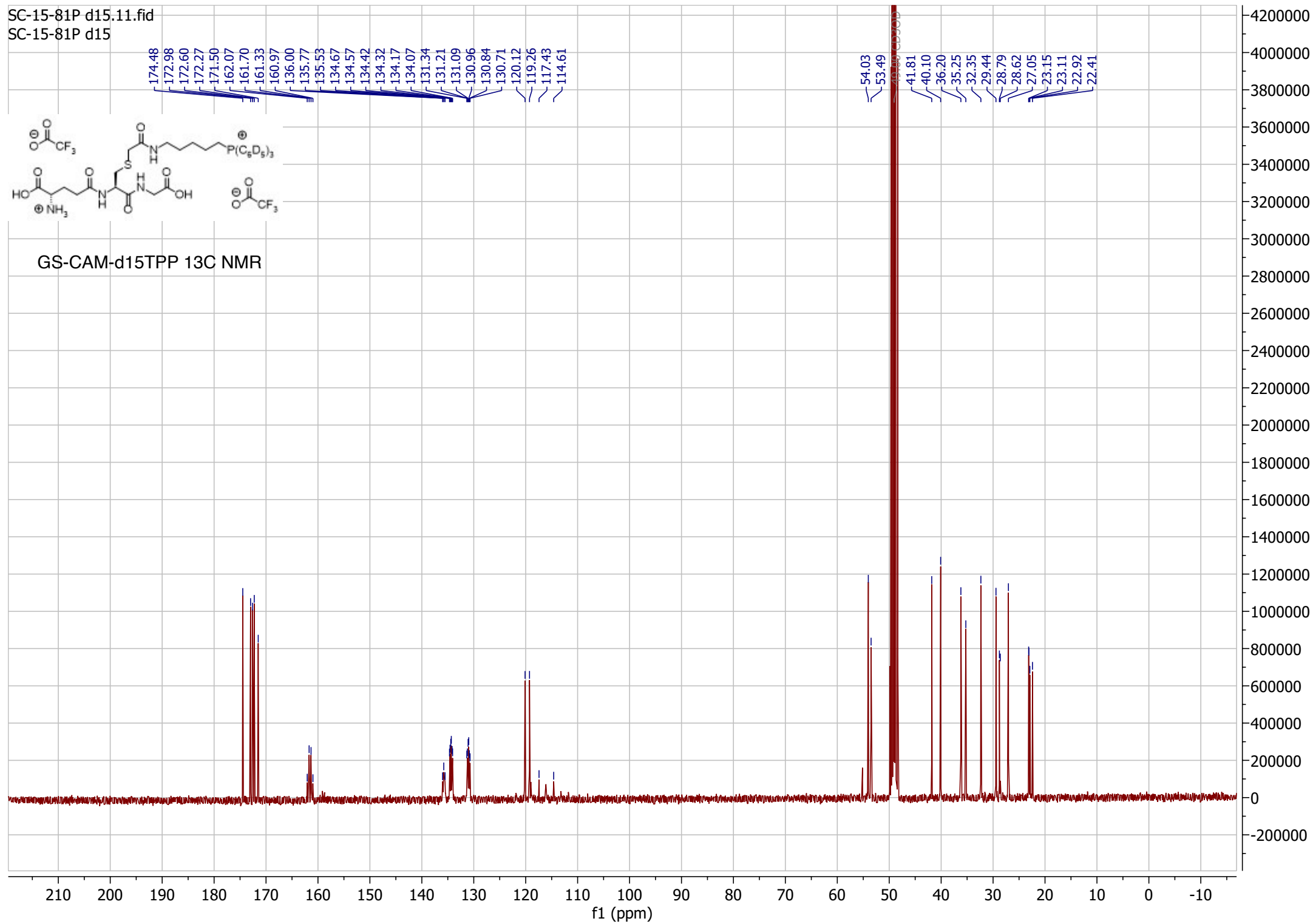
GS-CAM-d15TPP 1H NMR



SC-15-81P d15.11.fid
SC-15-81P d15

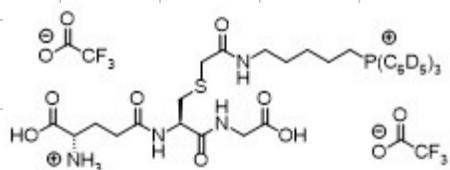


GS-CAM-d15TPP 13C NMR

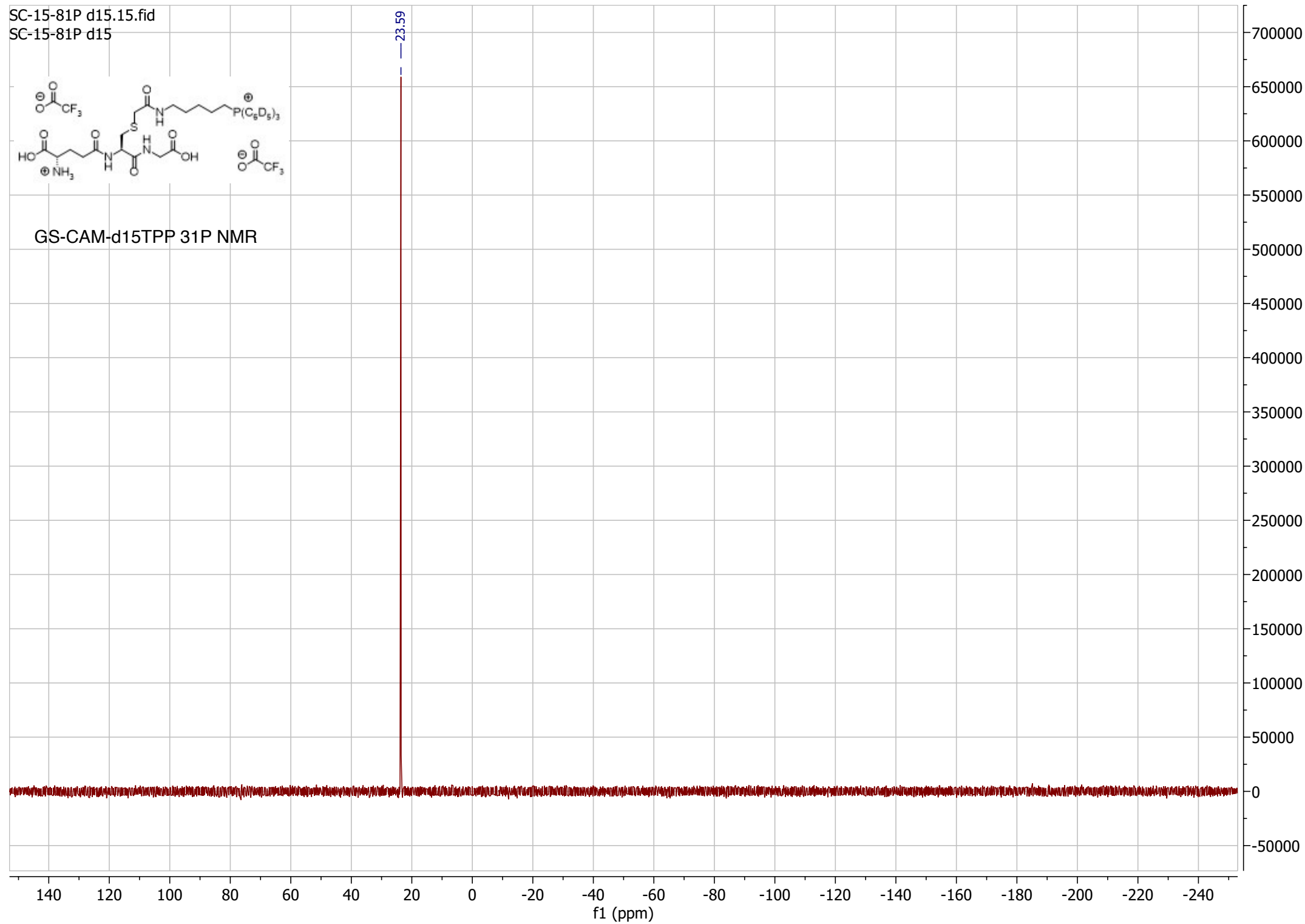


SC-15-81P d15.15.fid

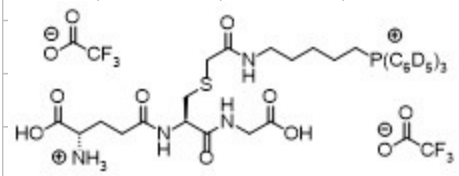
SC-15-81P d15



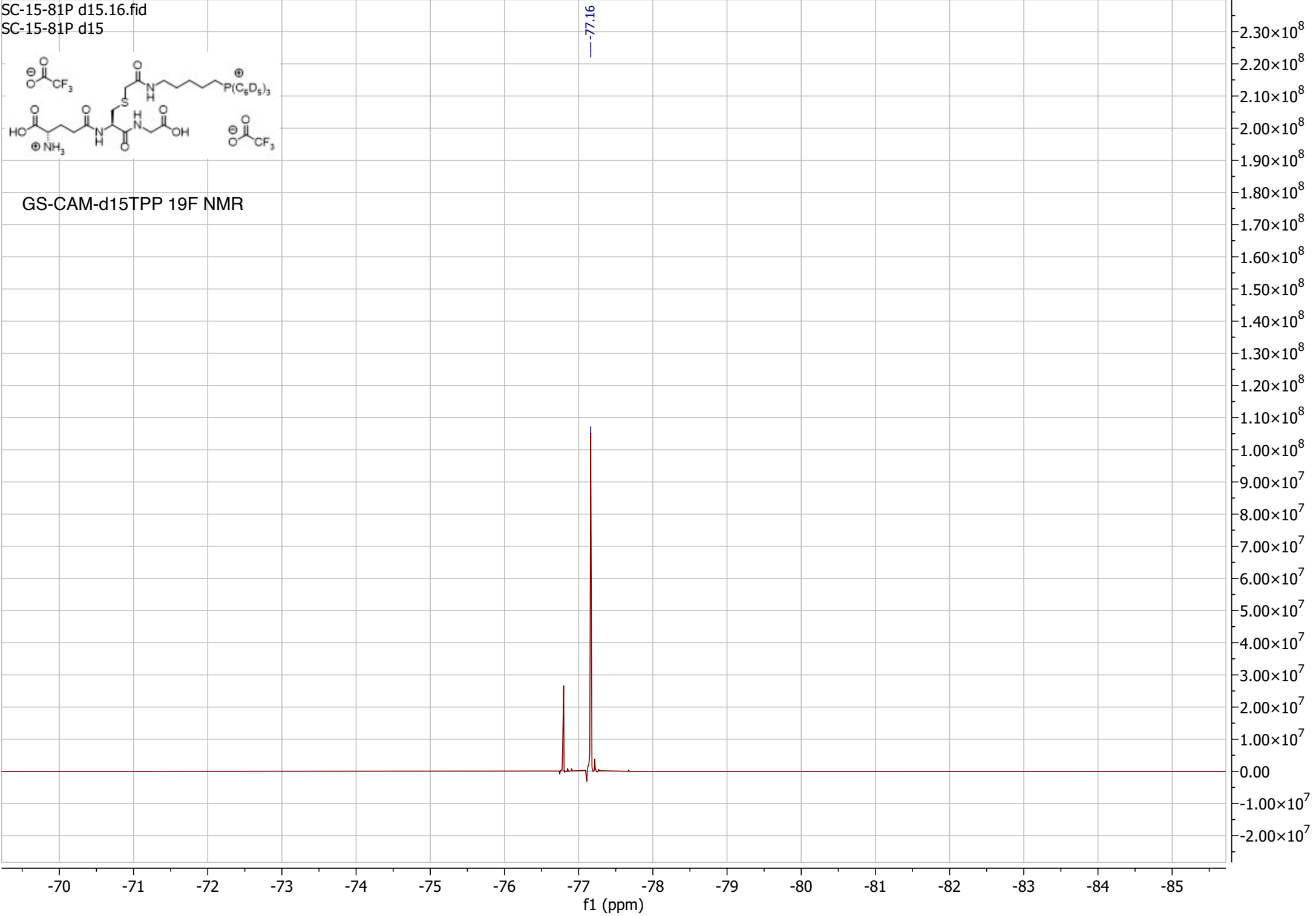
GS-CAM-d15TPP 31P NMR



SC-15-81P d15.16.fid
SC-15-81P d15

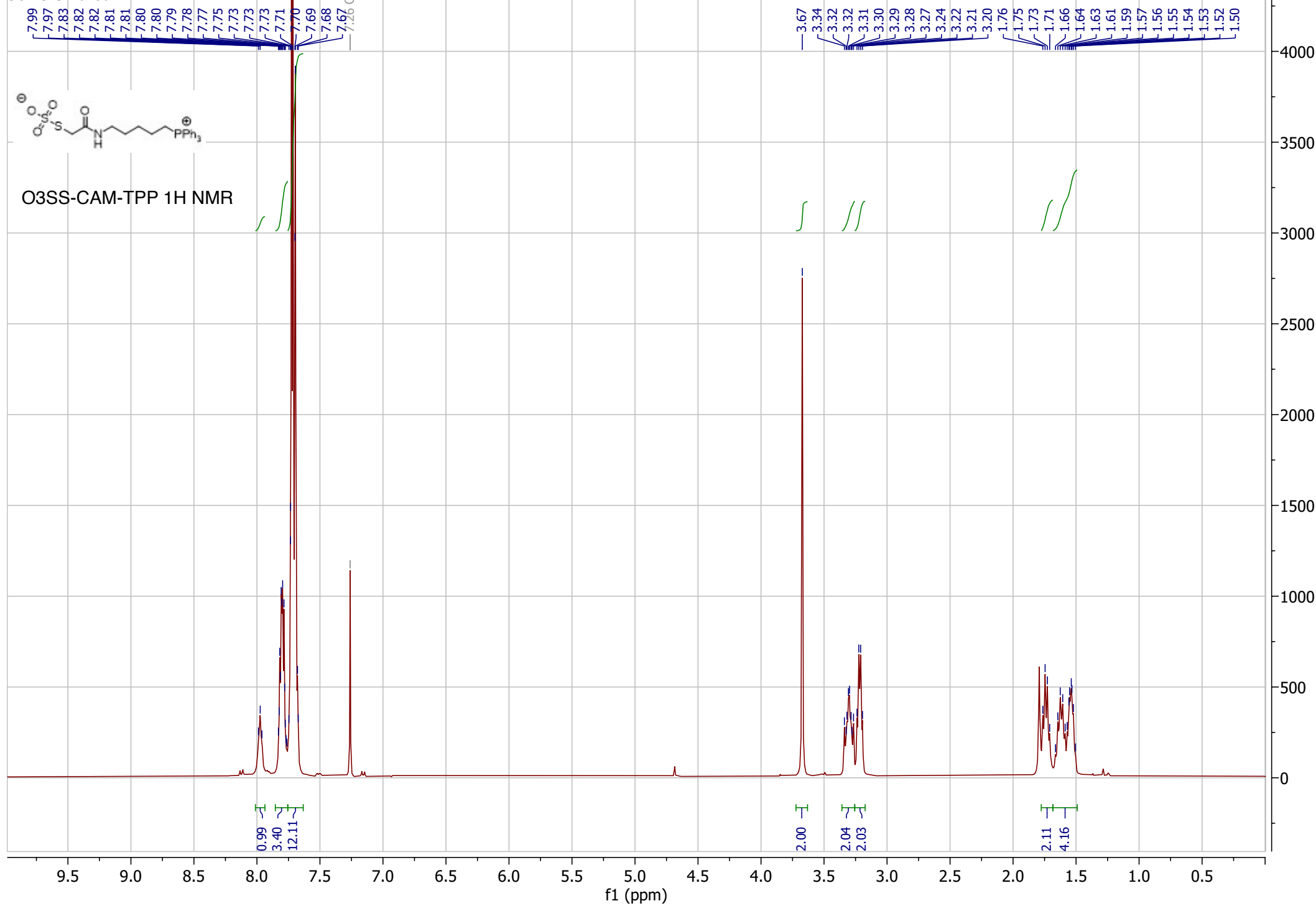


GS-CAM-d15TPP 19F NMR

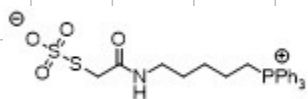


SC-15-82 check.10.fid

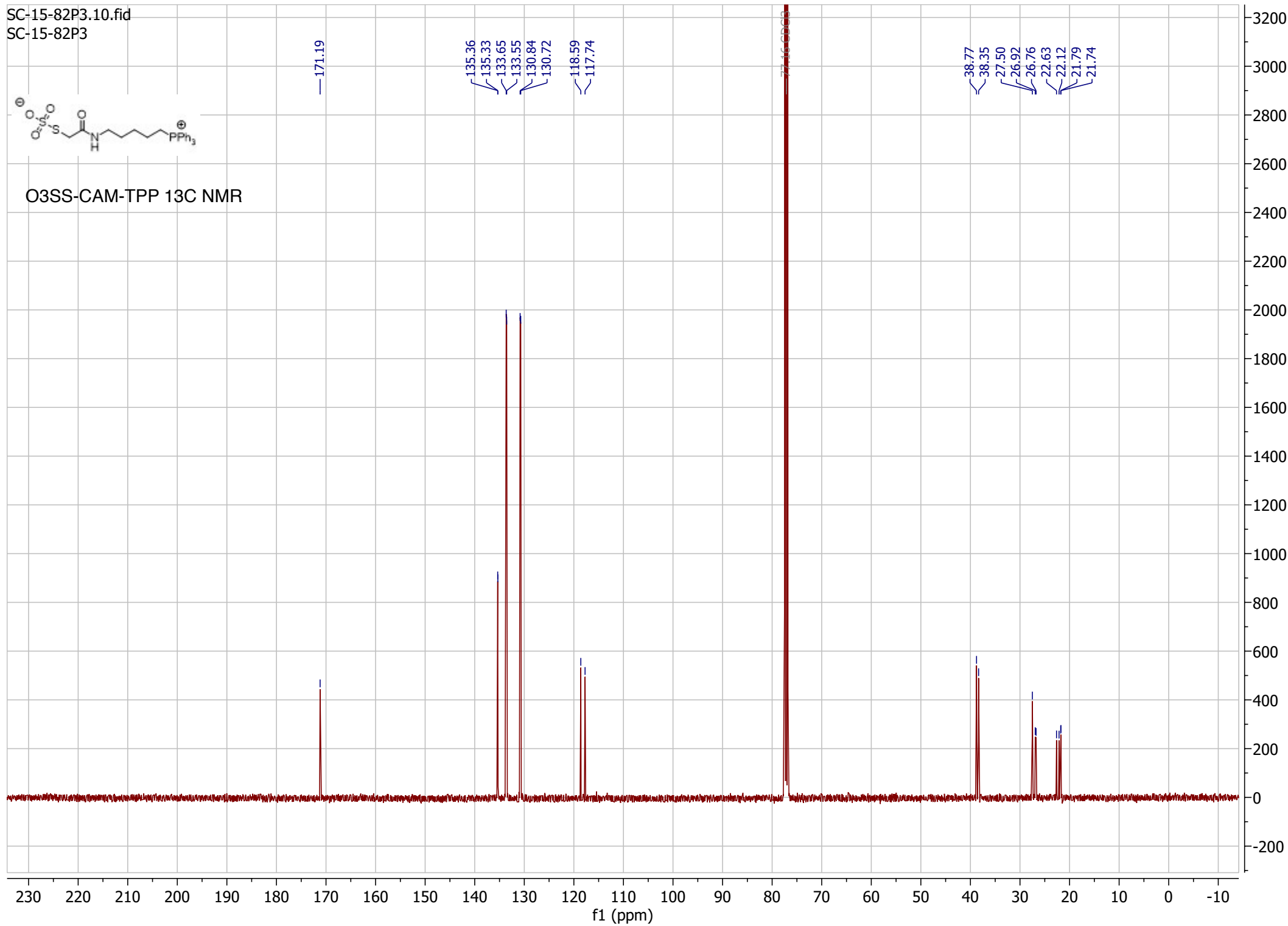
SC-15-82 check



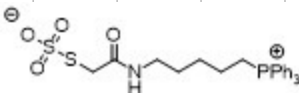
SC-15-82P3.10.fid
SC-15-82P3



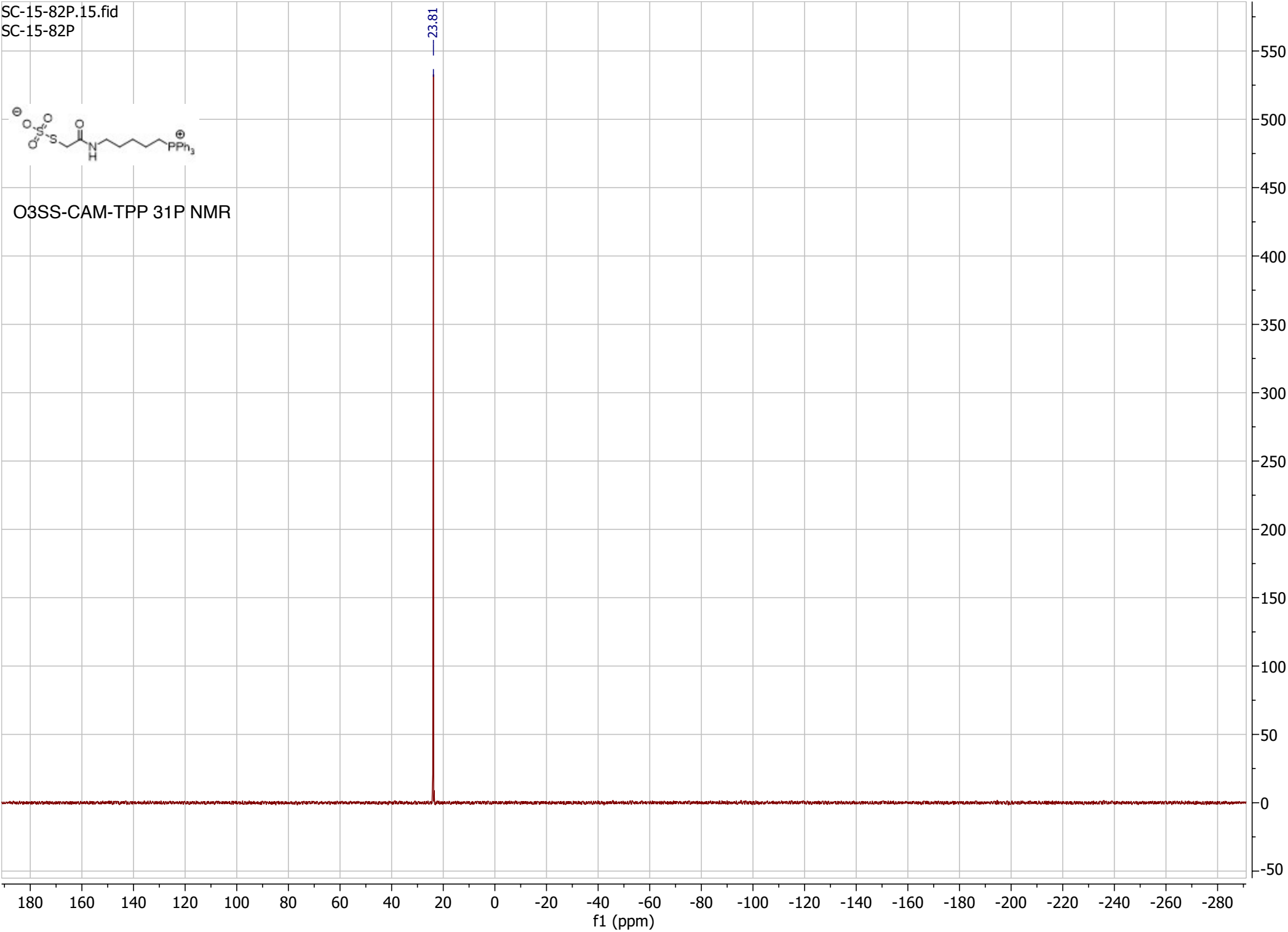
O3SS-CAM-TPP 13C NMR



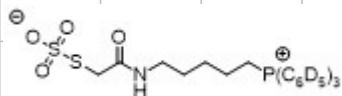
SC-15-82P.15.fid
SC-15-82P



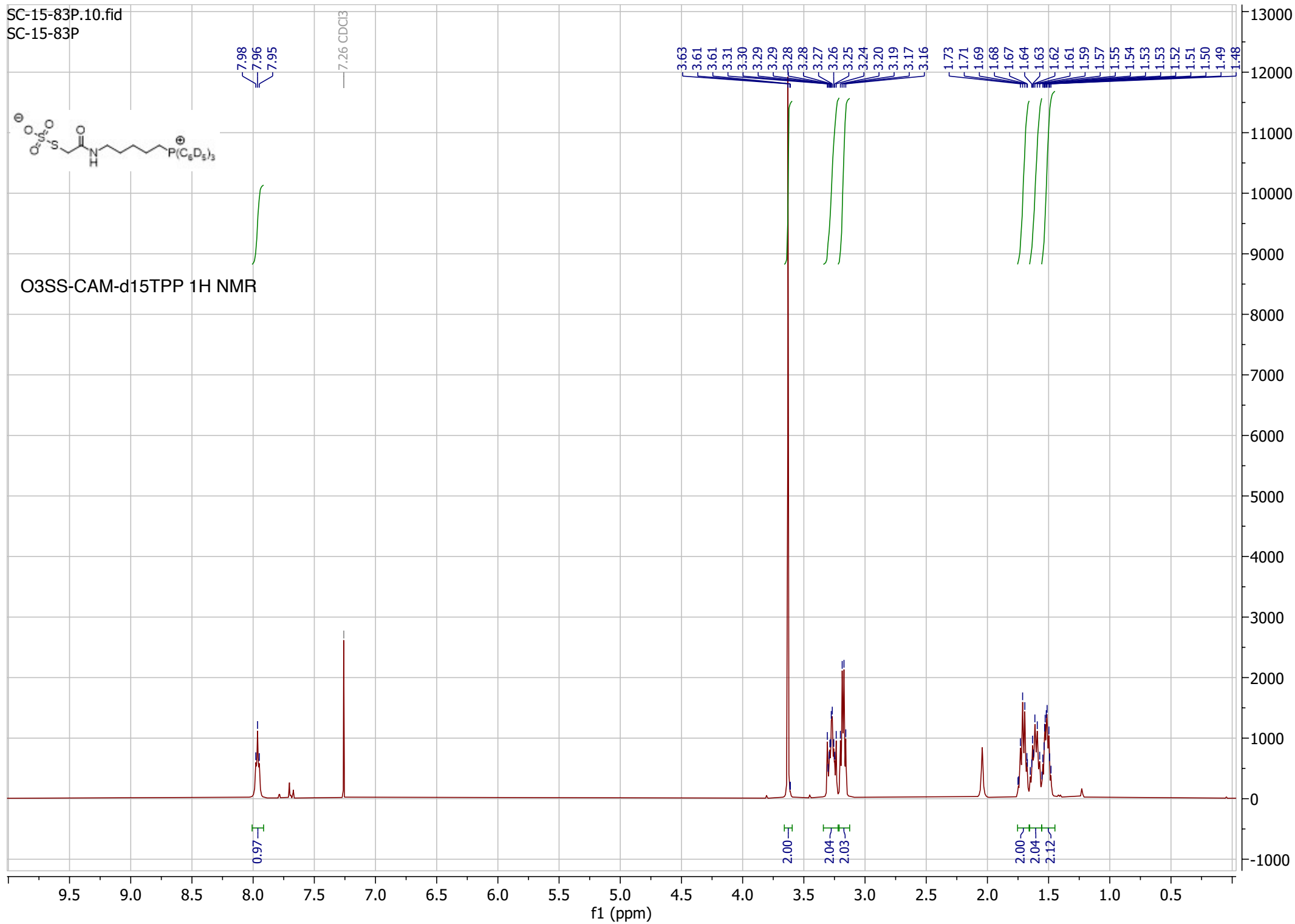
O3SS-CAM-TPP 31P NMR



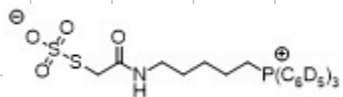
SC-15-83P.10.fid
SC-15-83P



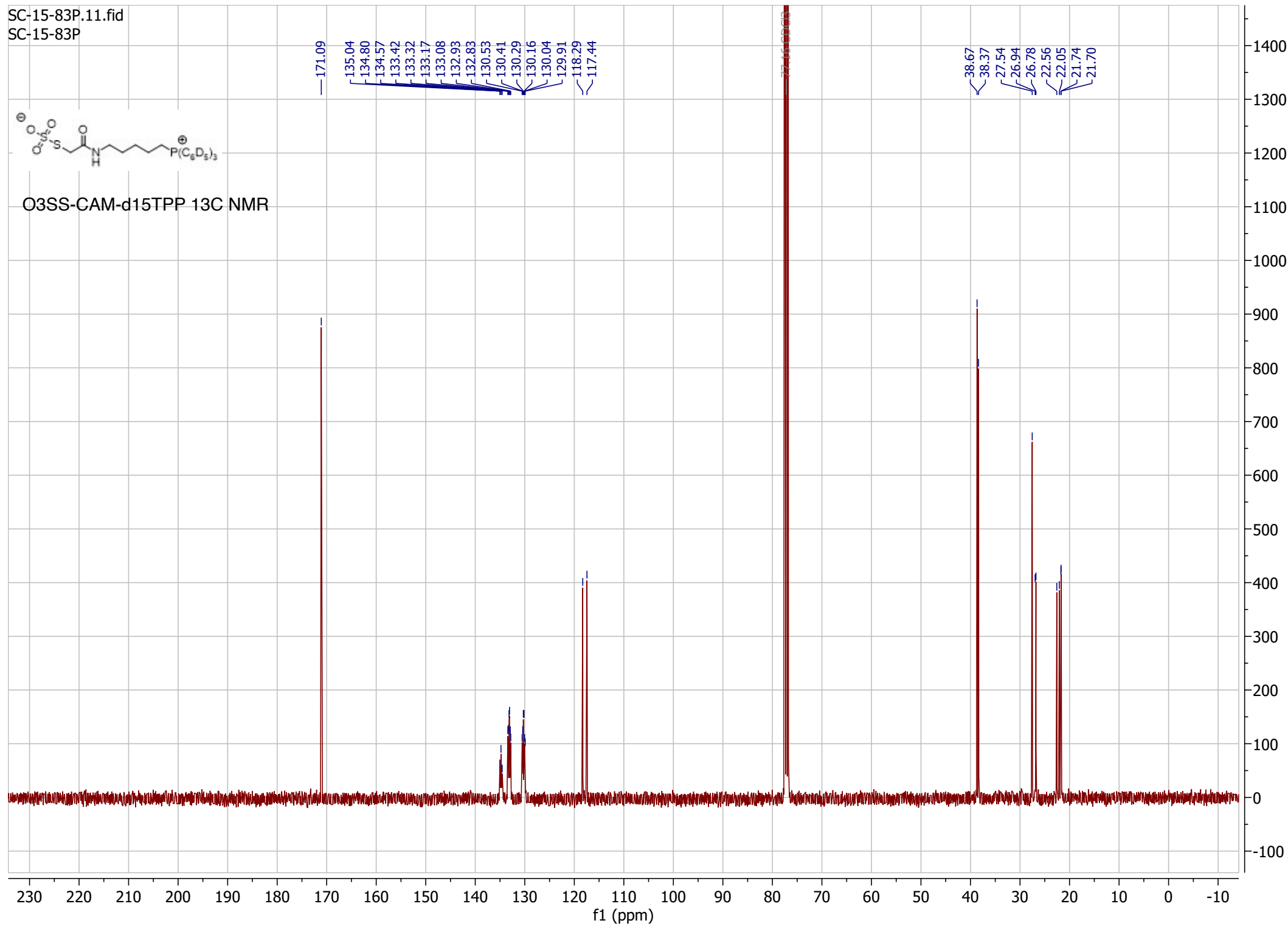
O3SS-CAM-d15TPP 1H NMR



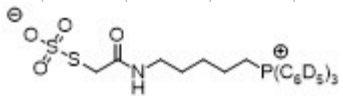
SC-15-83P.11.fid
SC-15-83P



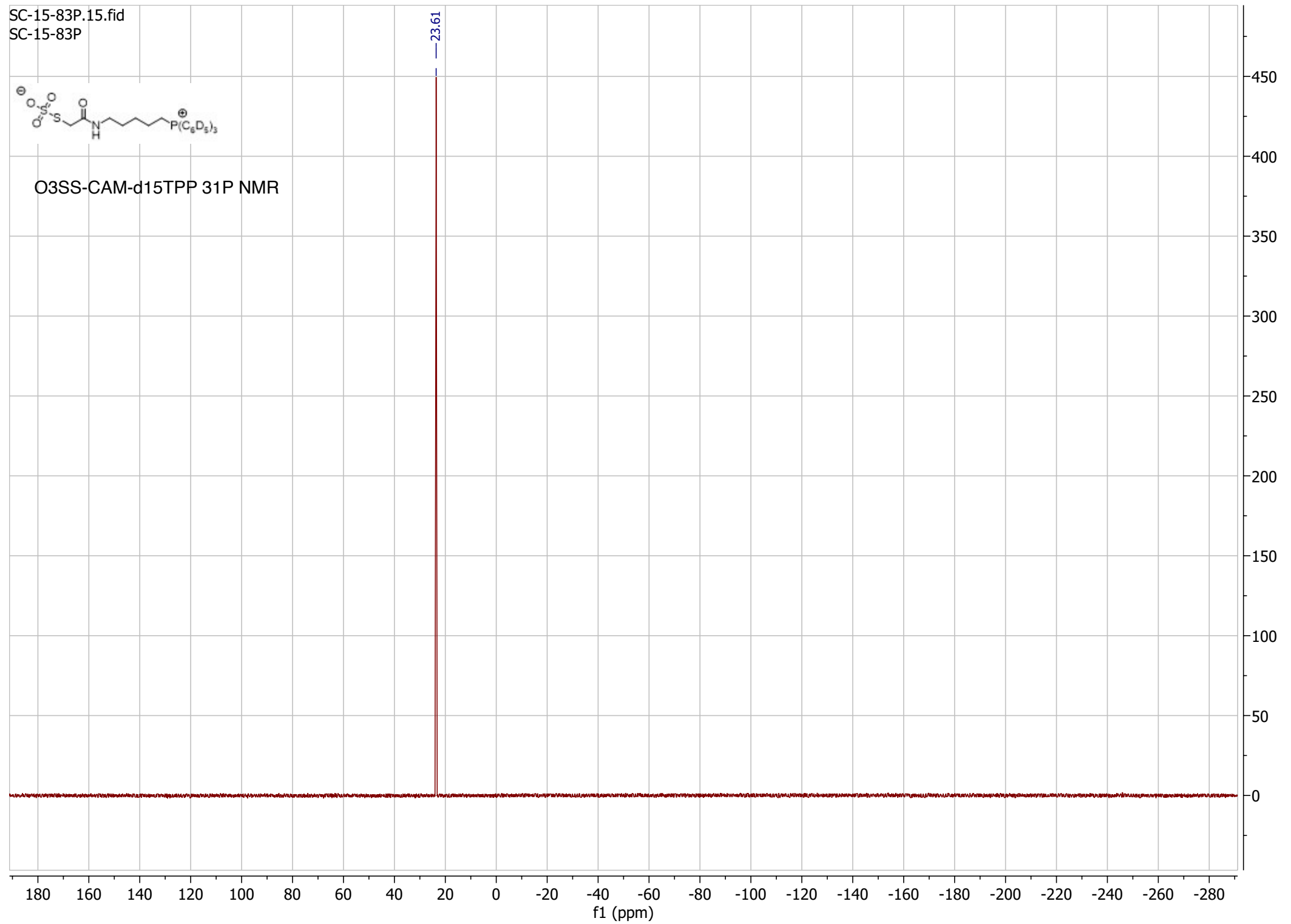
O3SS-CAM-d15TPP ¹³C NMR



SC-15-83P.15.fid
SC-15-83P

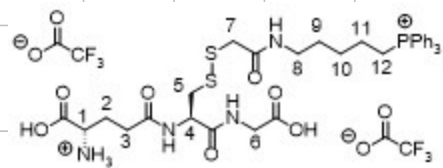


O3SS-CAM-d15TPP 31P NMR

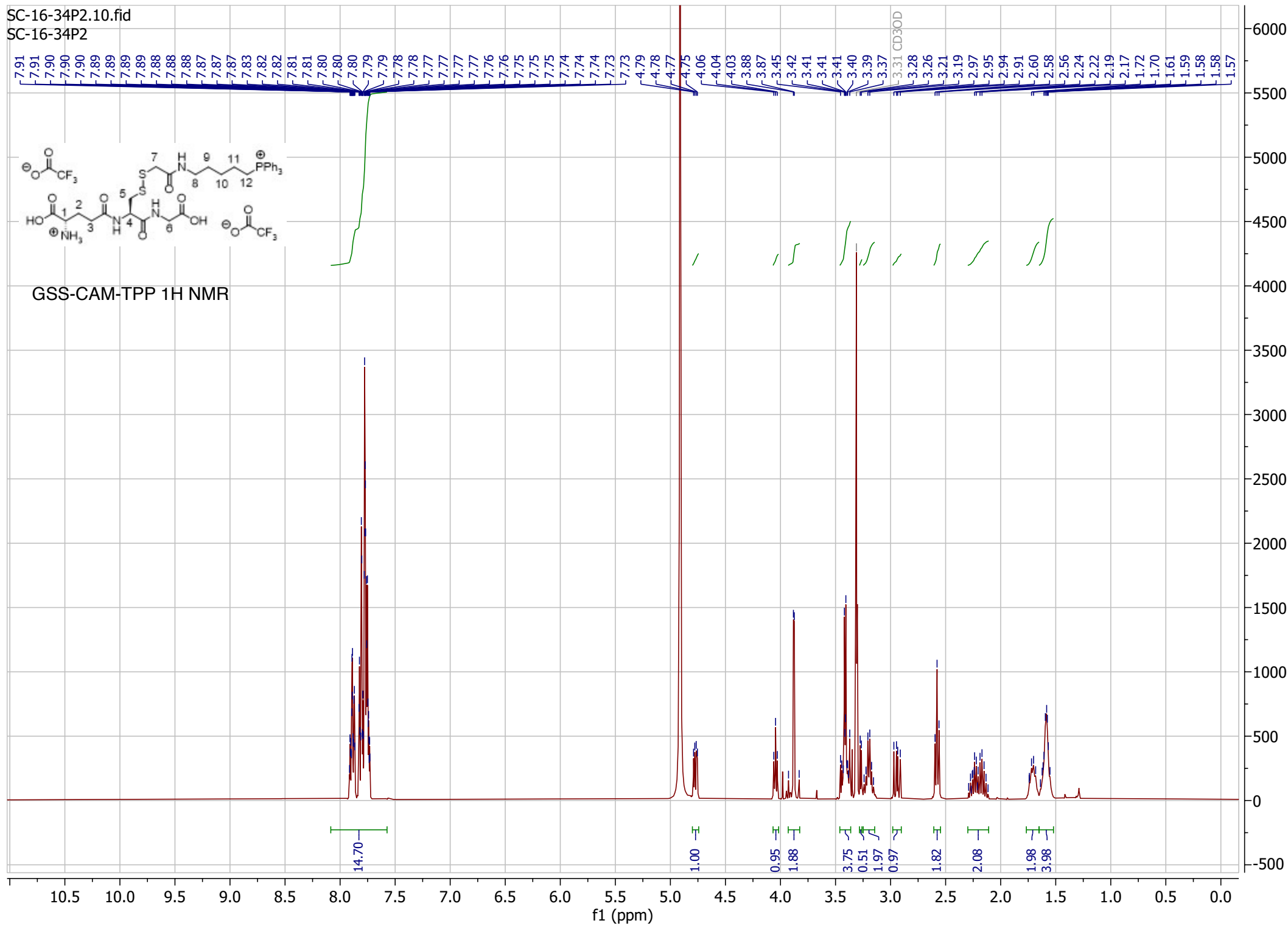


SC-16-34P2.10.fid

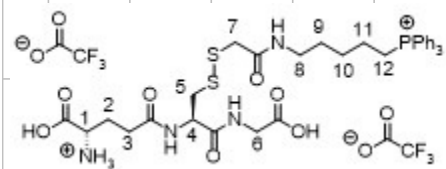
SC-16-34P2



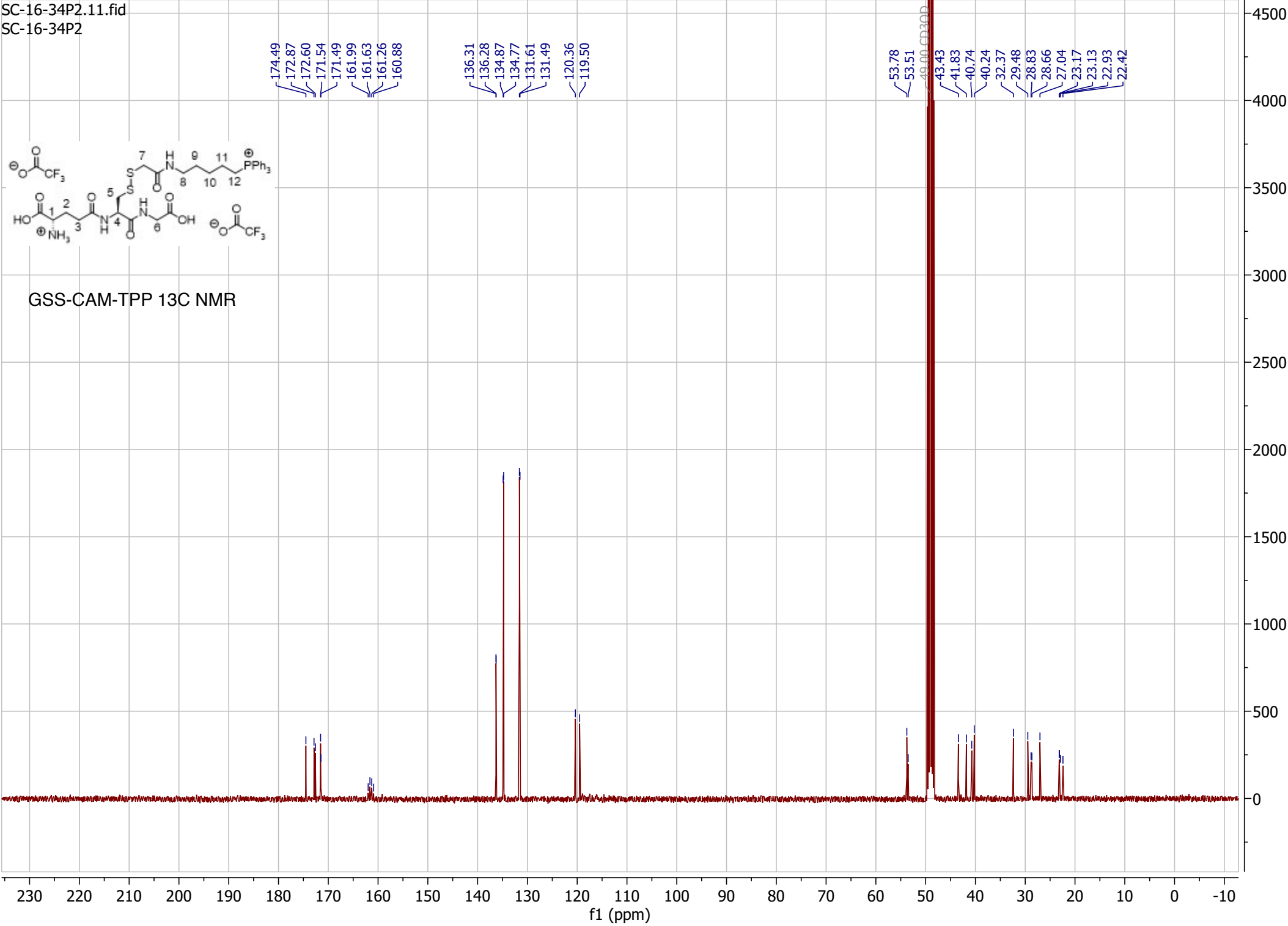
GSS-CAM-TPP 1H NMR



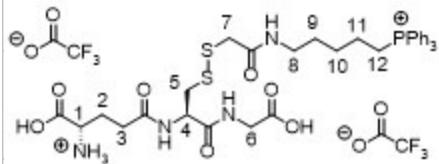
SC-16-34P2.11.fid
SC-16-34P2



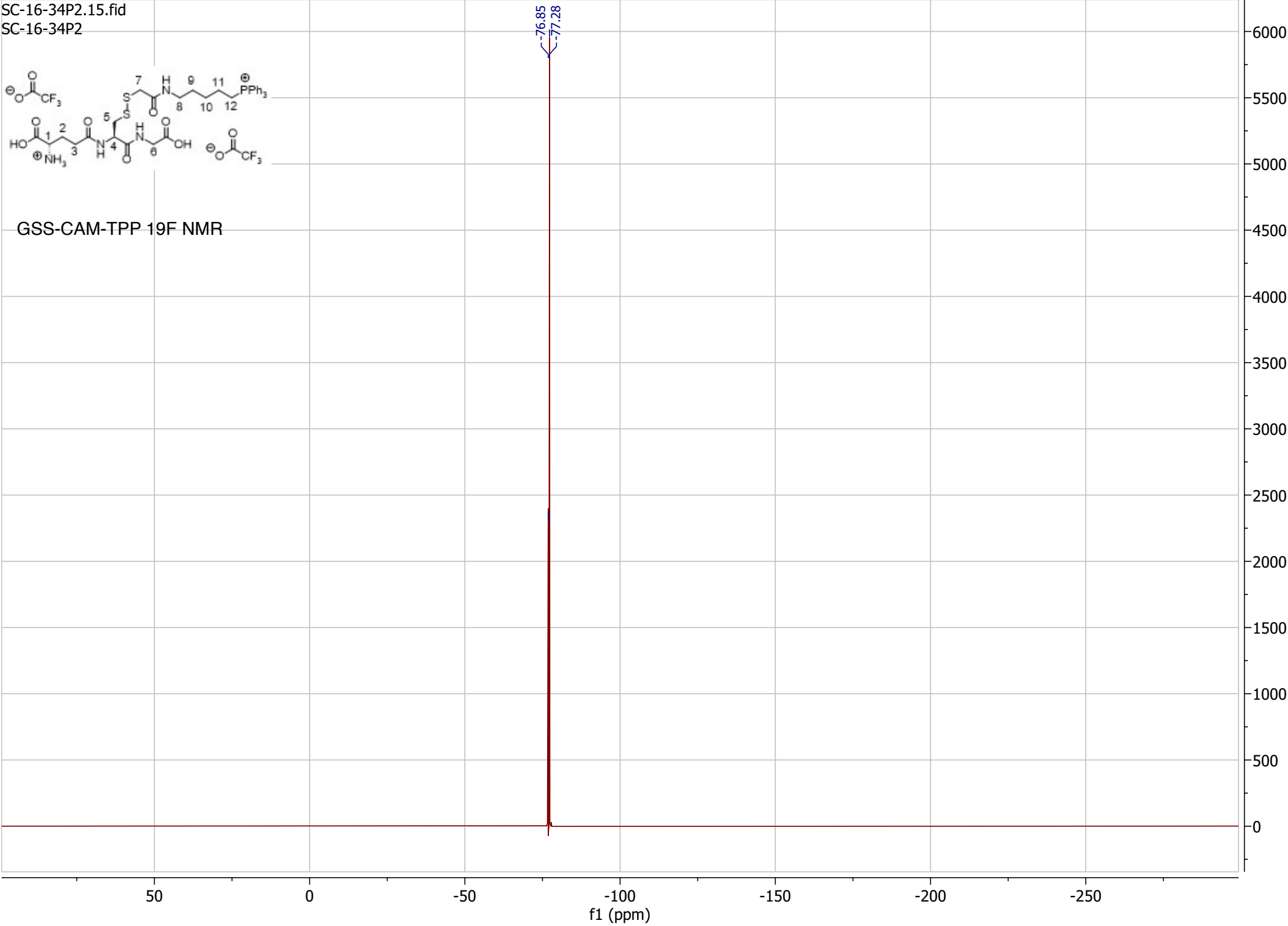
GSS-CAM-TPP 13C NMR



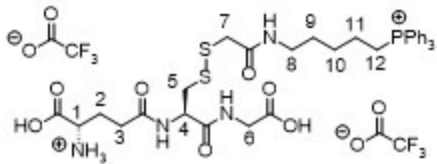
SC-16-34P2.15.fid
SC-16-34P2



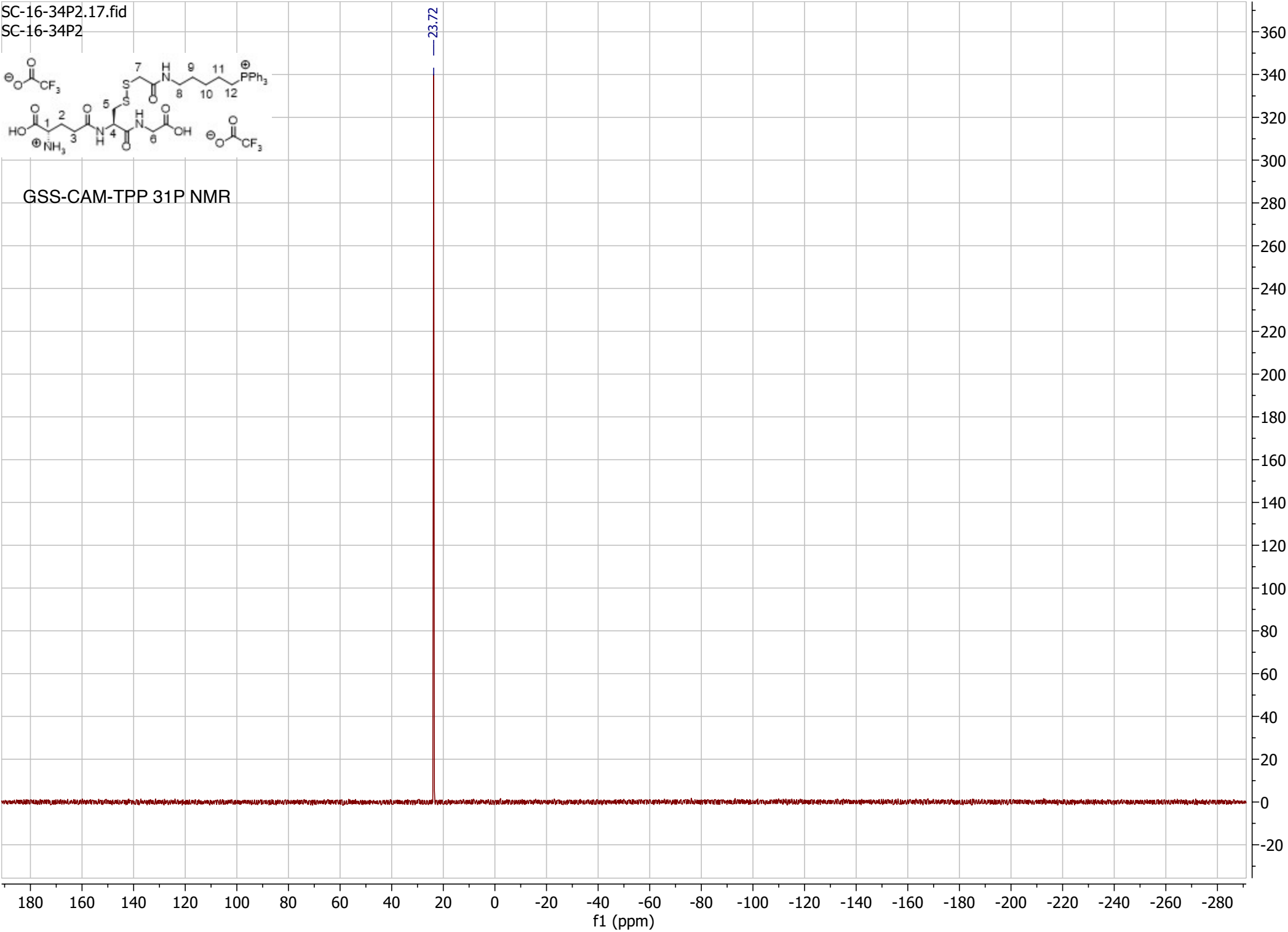
GSS-CAM-TPP 19F NMR



SC-16-34P2.17.fid
SC-16-34P2

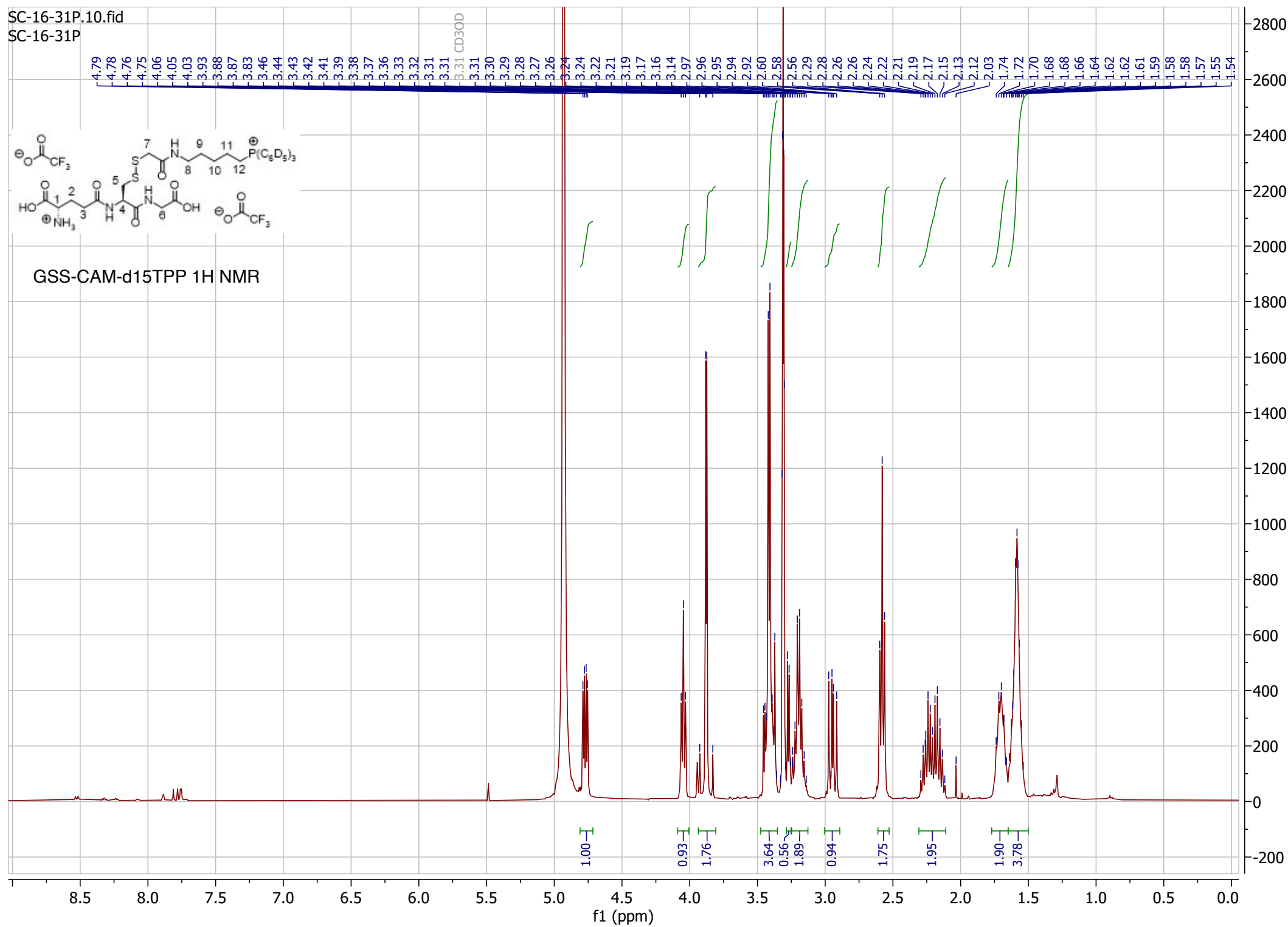


GSS-CAM-TPP 31P NMR

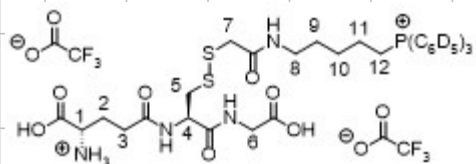


Chemical structure of the **1,3-bis(2,2,2-trifluoroethyl)pyrrolidine-2-carboxylic acid** derivative, showing the numbering of atoms (1-12) and the chemical shifts (δ) in ppm assigned to each atom. The structure includes a central pyrrolidine ring substituted with two 2,2,2-trifluoroethyl groups and a carboxylic acid group. The chemical shifts are listed above the structure, corresponding to the numbered atoms.

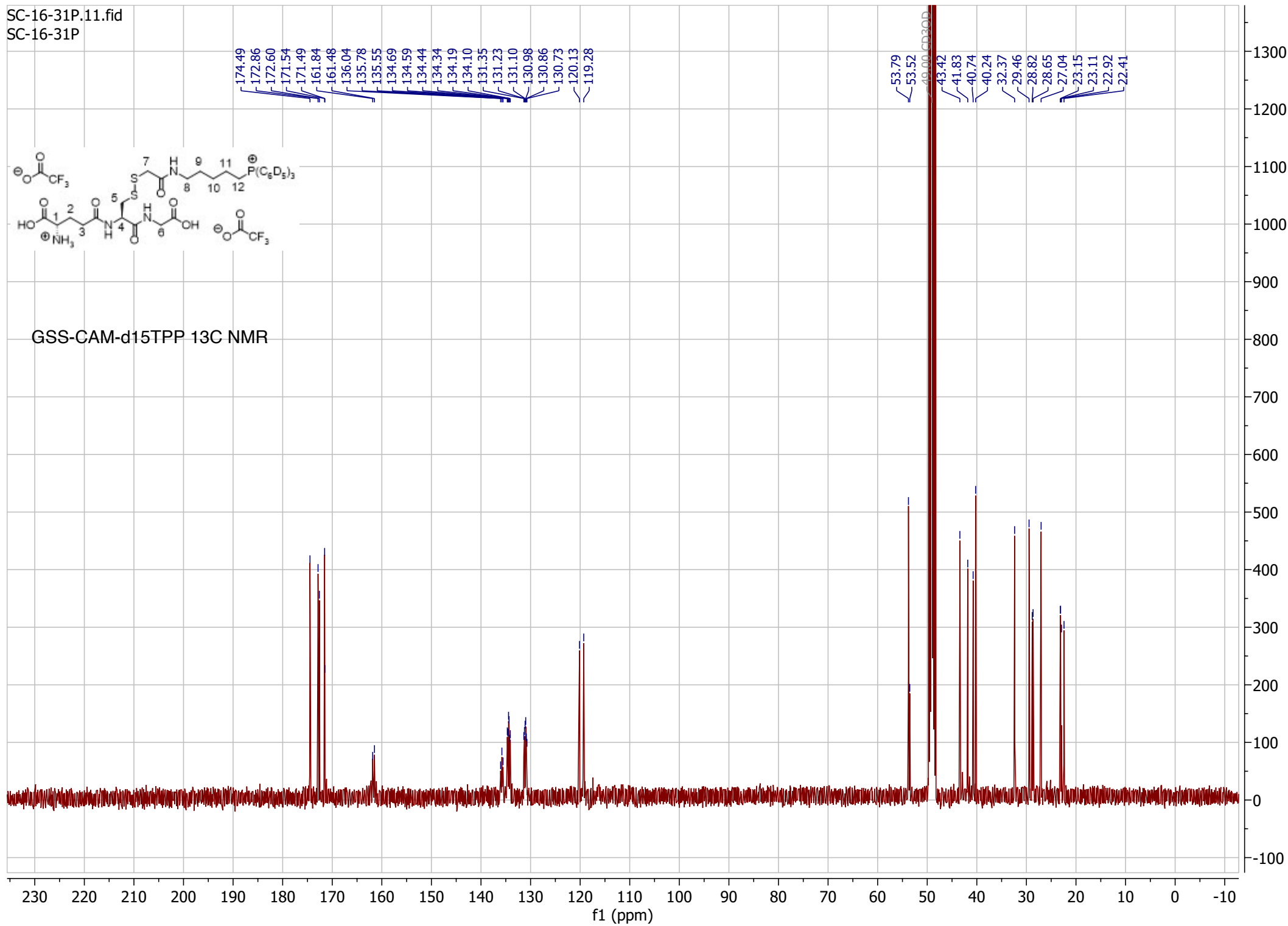
GSS-CAM-d15TPP 1H NMR



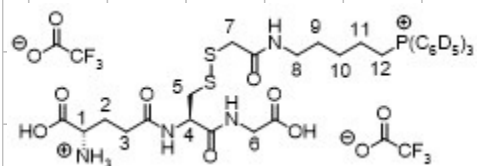
SC-16-31P.11.fid
SC-16-31P



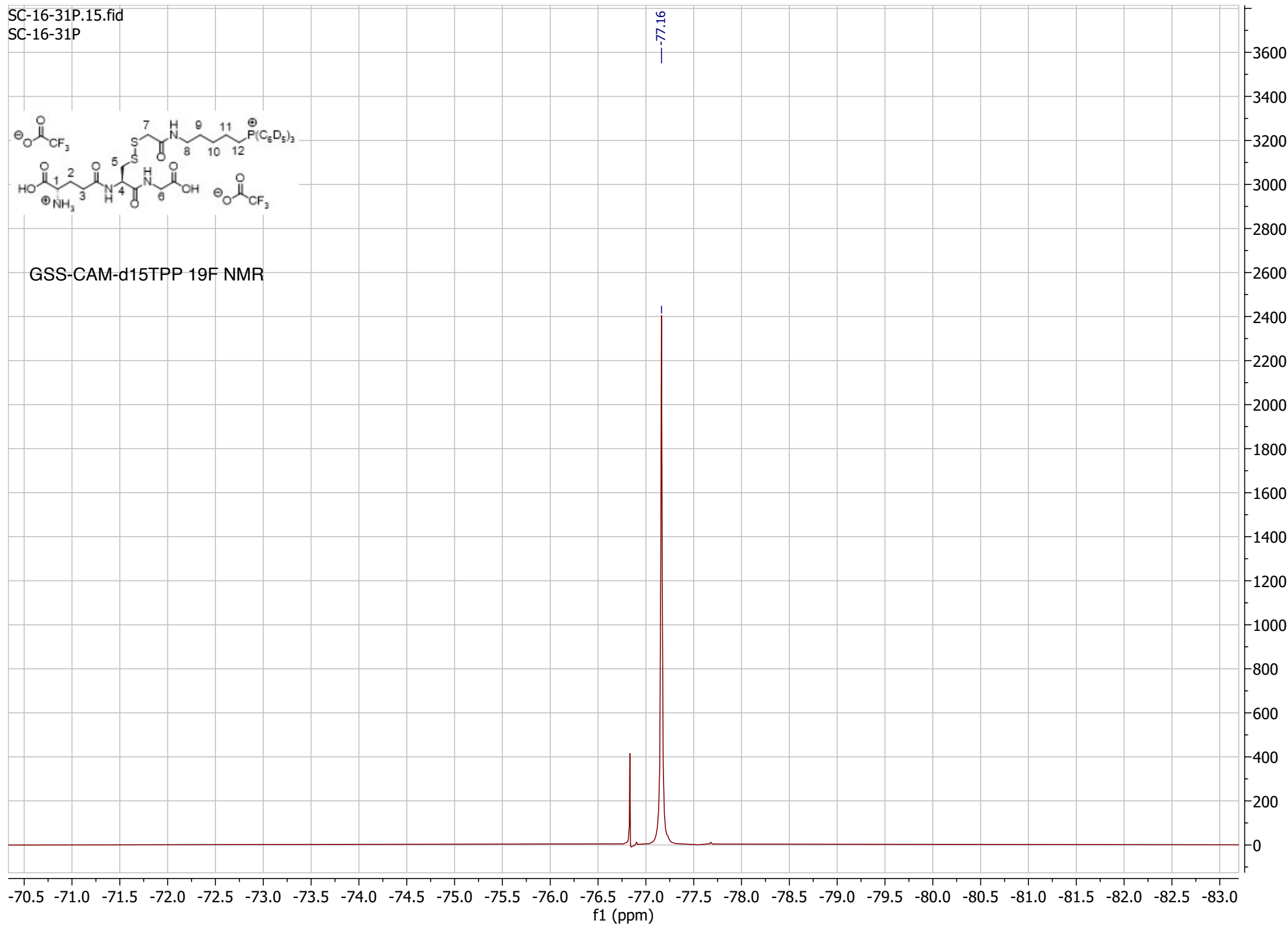
GSS-CAM-d15TPP ¹³C NMR



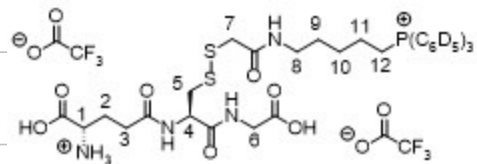
SC-16-31P.15.fid
SC-16-31P



GSS-CAM-d15TPP 19F NMR



SC-16-31P.16.fid
SC-16-31P



GSS-CAM-d15TPP 31P NMR

