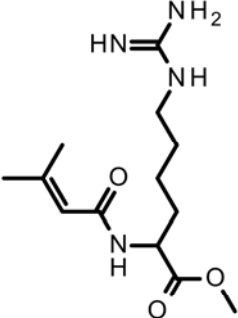


HBOI-360	
Formula Weight : 284.35(1) Exact Mass : 284.18484066(1) Formula : C ₁₃ H ₂₄ N ₄ O ₃	
N-prenyl homoarginine methyl ester	
C ₁₃ H ₂₄ N ₄ O ₃	284.35
<i>Asteropus sp. 22-X-00-4-010 RUSF1-39-4</i>	
No publication	

PO NUMBER: PO40657 Bar Code: 1447394

hplc (trace attached)

Method: Vydac C18 Protein and Peptide, 4.6 x 250mm, 10μ
 flow 1 ml/min, detection: PDA: UV (extracted at 220 nm, black), ELSD (green dotted)
 A: H₂O:CH₃CN:TFA (95:5:0.1, v/v), B: CH₃CN:TFA (100:0.1 v/v)
 t=0 min A:B (90:10, v/v), t=20 min (100%B) , t=28 min (100%B)

LC-MS (spectrum attached)

Method: Vydac C18 Protein and Peptide, 2.1x150 mm, flow 0.2 ml/min
 A: H₂O (0.1% formic acid), B: CH₃CN (0.1% formic acid)
 t= 0 min A:B (90:10, v/v), t=15 min (100%B), t=21 min (100%B), t=22.1 min A:B(90:10, v/v)
 using a linear gradient

¹H (600 MHz) CDCl₃ CD₃OD (Methanol-d₄) CDCl₃/CD₃OD

¹³C (150 MHz) CDCl₃ CD₃OD (Methanol-d₄) CDCl₃/CD₃OD

solubility CHCl₃/MeOH (9:1) MeOH DMSO

estimated purity >90%

sample weight 6.2 mg

For further information contact:

Amy E. Wright, PhD, HBOI@FAU, 5600 US 1, North, Fort Pierce, FL 34946
awrigh33@hboi.fau.edu, 772-242-2459

Date: _____

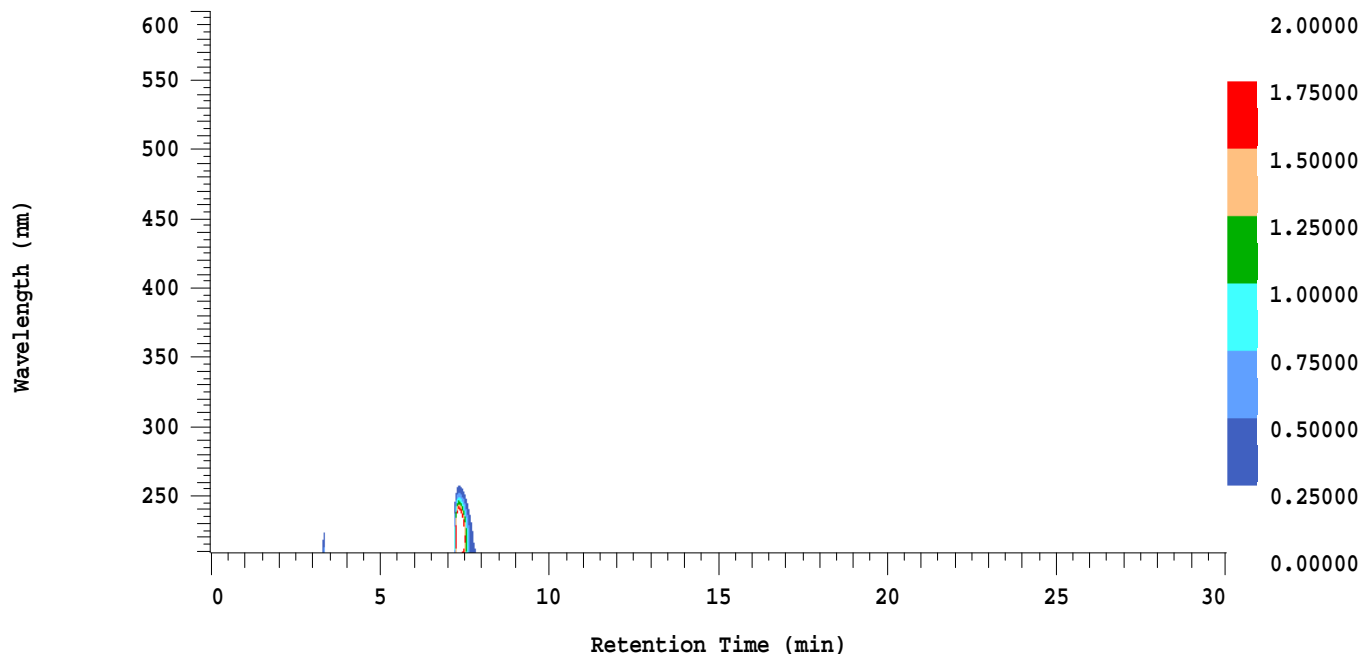
D-2000 Elite HPLC System Manager Report

Analyzed: 03/18/2014 03:27 PM

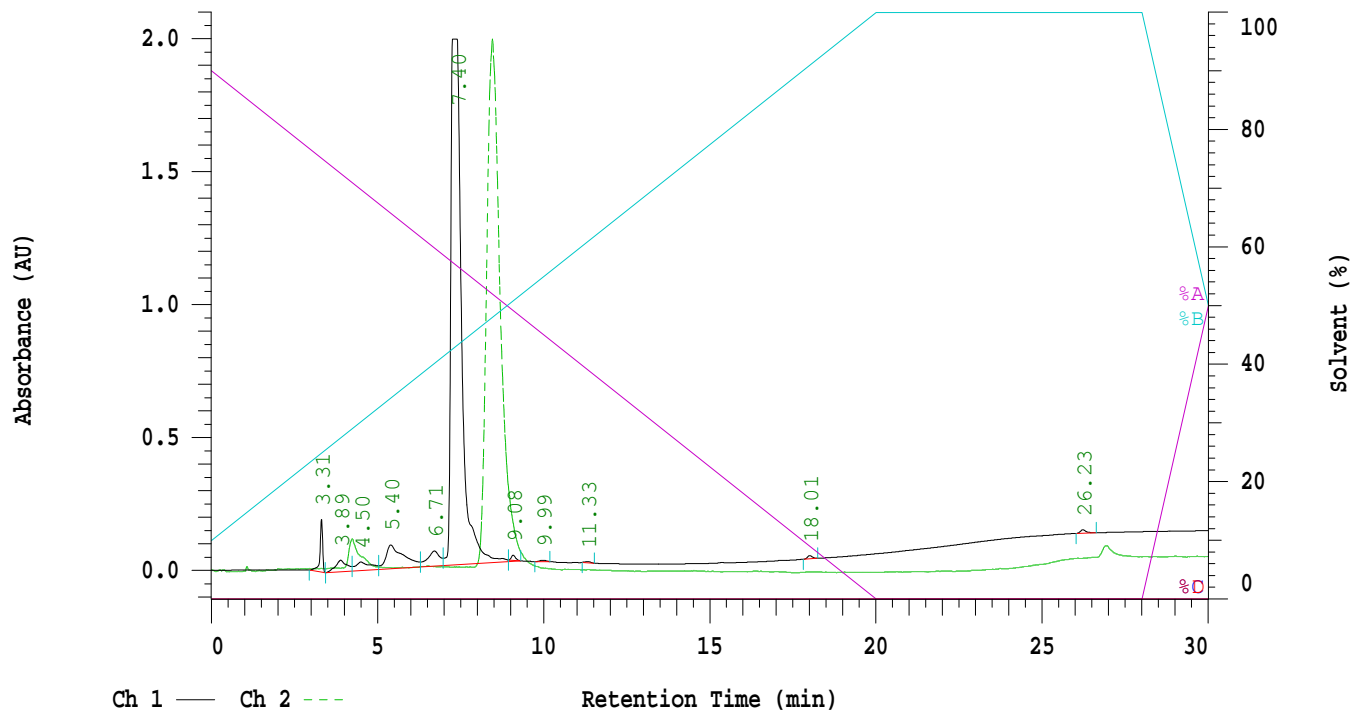
Reported: 03/18/2014 04:29 PM

Sample Name: RusF01-39-04

Sample Description: 22-X-00-4-010 Asteropus Sp.



Channel 1 Chrom Type: Fixed WL Chromatogram, 230 nm



Acquisition Method: autosampler_30min_wELSD_TFA

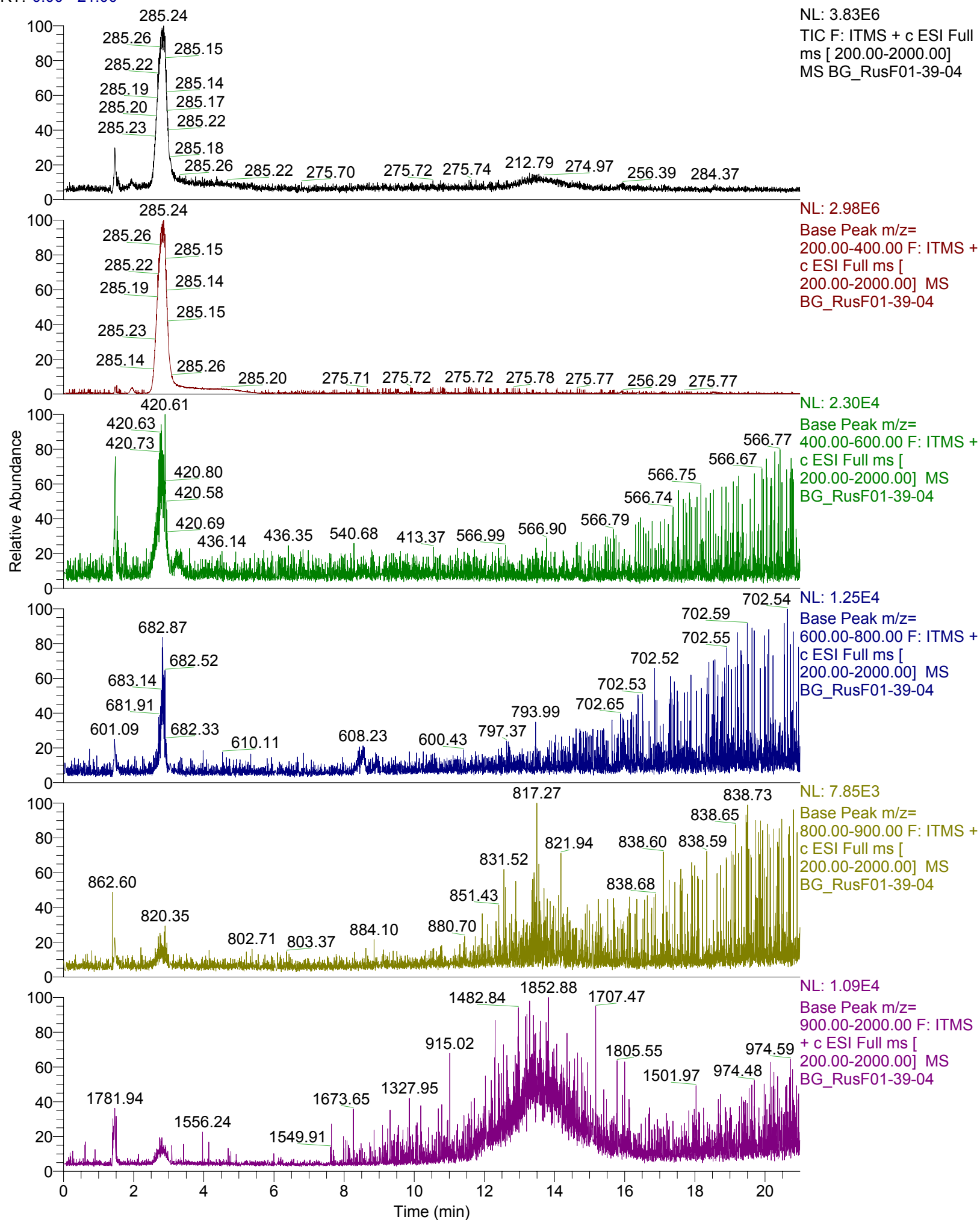
Column Type: Vydac C18

Pump A Solvent A: H2O/5% ACN TFA 0.1%

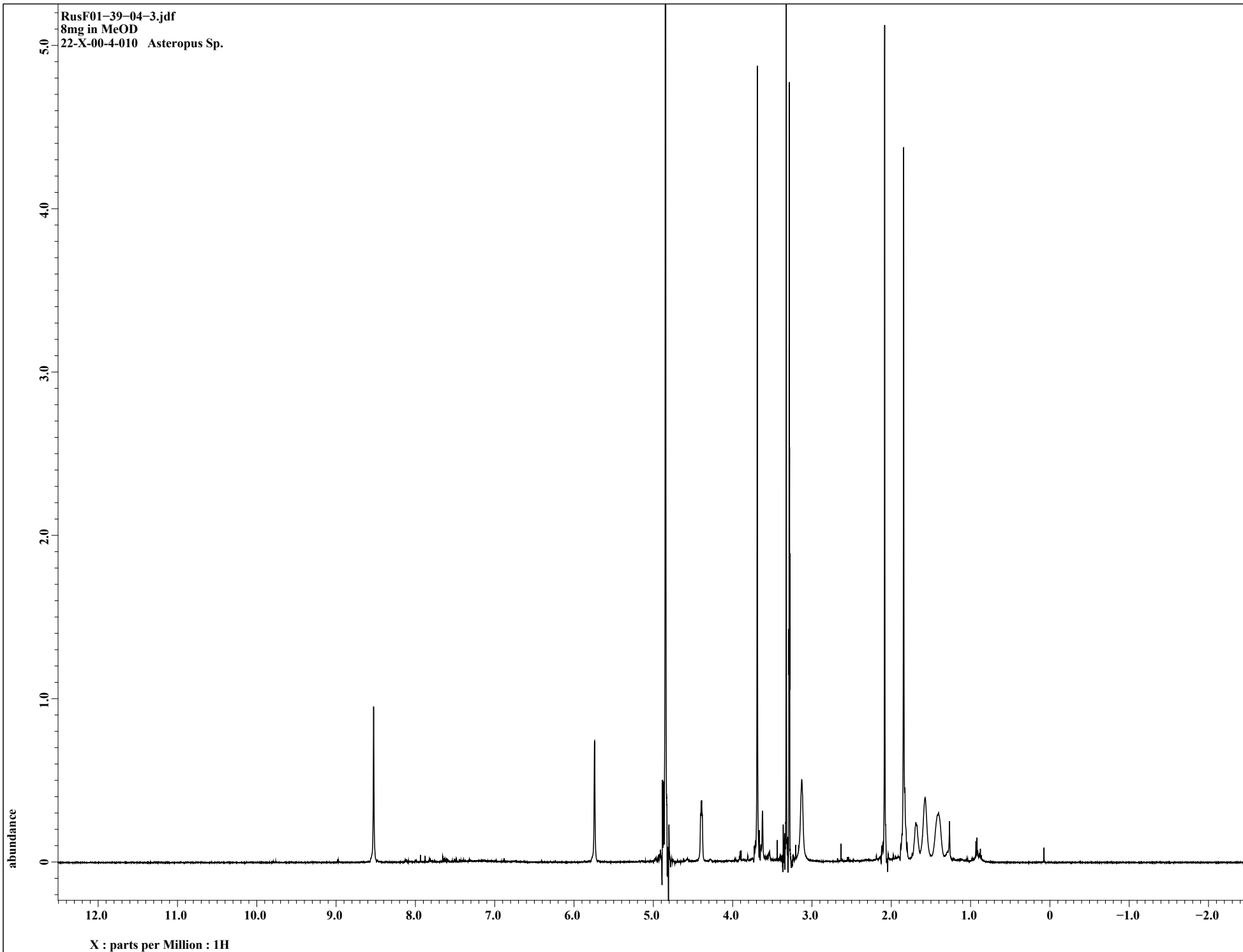
Pump A Solvent B: ACN TFA 0.1%

Method Description:

RT: 0.00 - 21.00



RusF01-39-04-3.jdf
8mg in MeOD
22-X-00-4-010 Asteropus Sp.



RusF01-39-04-3.jdf
22-X-00-4-010 Asteropus Sp.
single pulse decoupled gated NOE 8mg in MeOD

