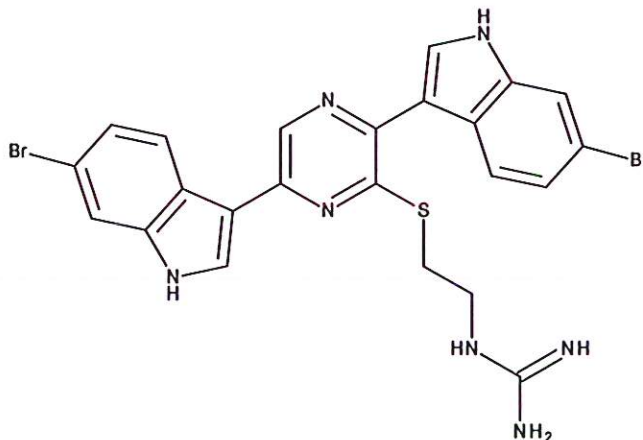


HBOI-372



GUANIDINIUM BIS-INDOLE

 $C_{23}H_{19}Br_2N_7S$

585.32

Spongisorites sp.

manuscript in preparation

☒ isolation scheme (Visio) attached☒ hplc (trace attached)Method: Vydac C18 Protein and Peptide, 4.6 x 250mm, 10 μ

flow 1 ml/min, detection: PDA: UV (extracted at 220 nm, black); ELSD (green dotted)

A: H₂O:CH₃CN (95:5, v/v, 0.1% TFA), B: CH₃CN (0.1% TFA)

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

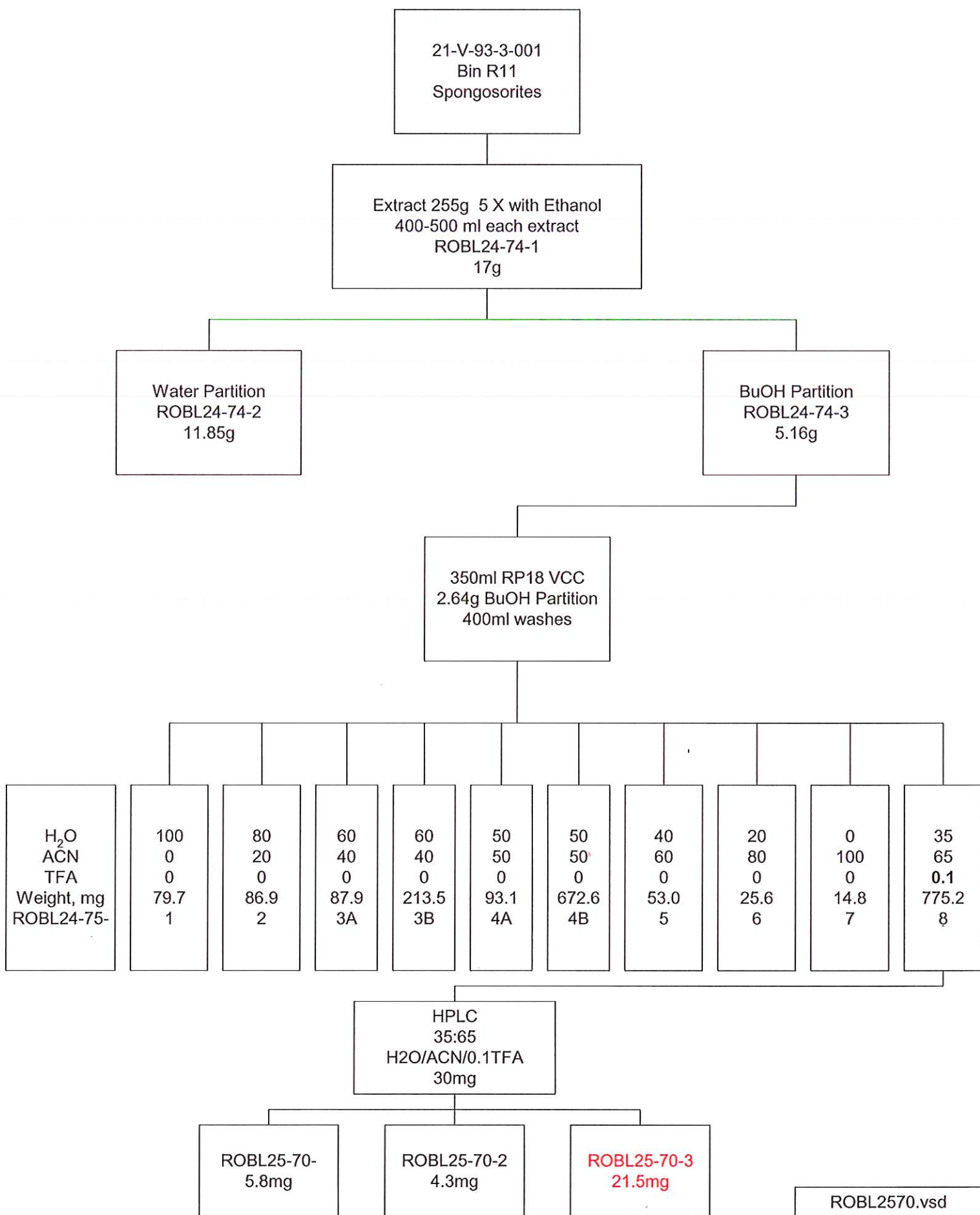
☒ ¹H (600 MHz)☐ CDCl₃☒ CD₃OD (Methanol-d₄)☐ CDCl₃/CD₃OD☒ ¹³C (150 MHz)☐ CDCl₃☒ CD₃OD (Methanol-d₄)☐ CDCl₃/CD₃OD☒ solubility☐ CHCl₃/MeOH (9:1)☒ MeOH☐ DMSO☒ estimated purity >90%☒ sample weight 17.3 mg

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: 1/28/13



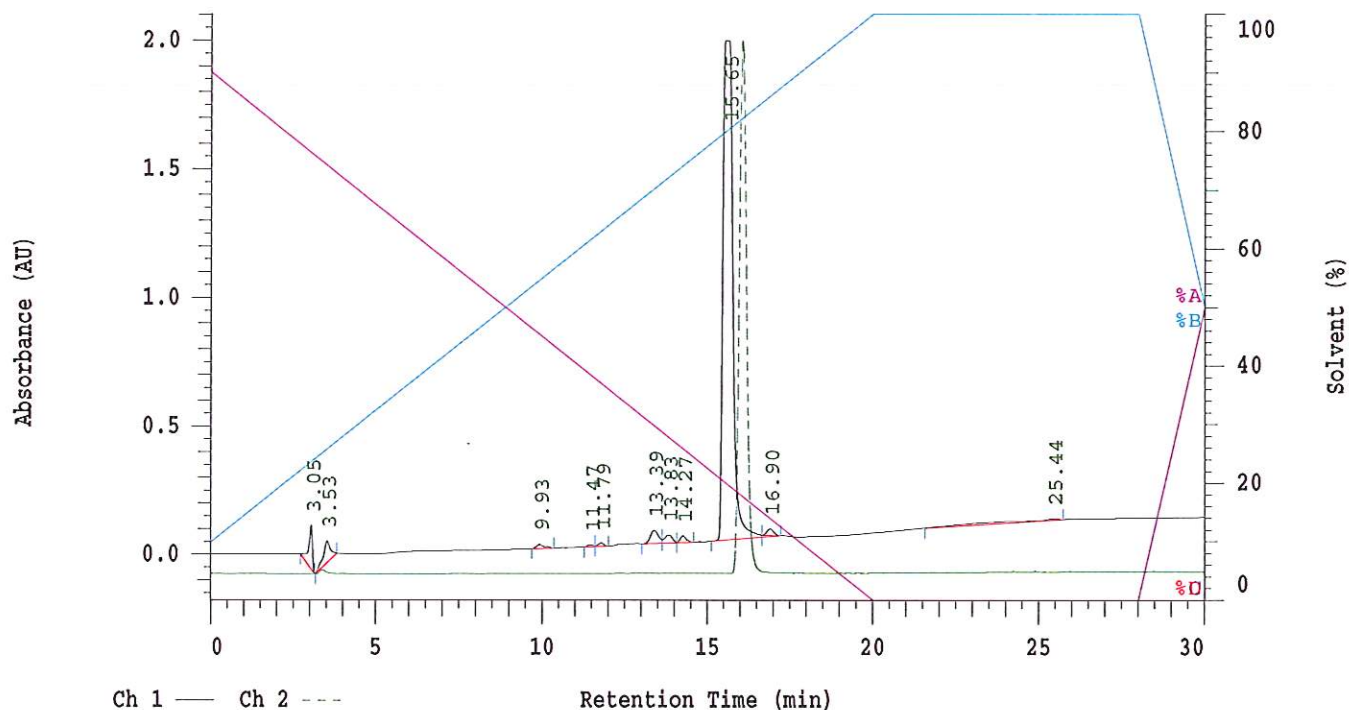
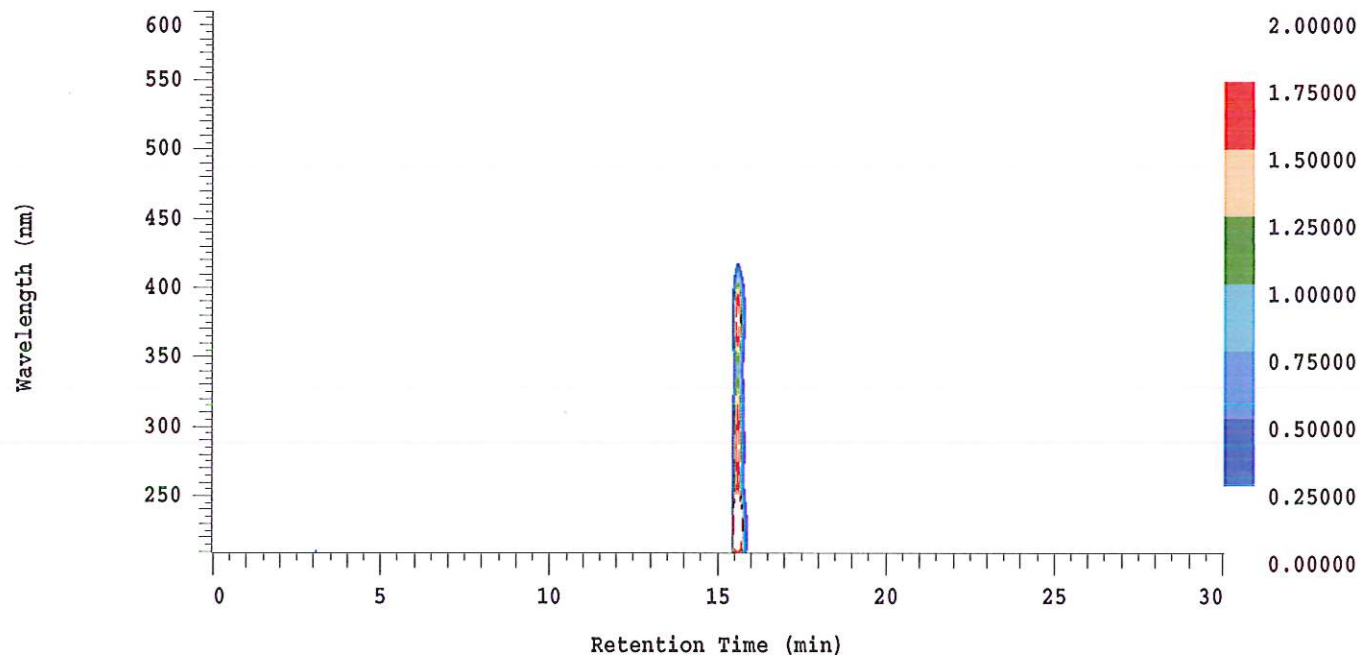
D-2000 Elite HPLC System Manager Report

Analyzed: 01/25/2013 01:01 AM

Reported: 01/25/2013 08:03 AM

Sample Name: HBOI-372

Sample Description: HBOI-372



Acquisition Method: NIH_30min_UV220_wELSD_TFA

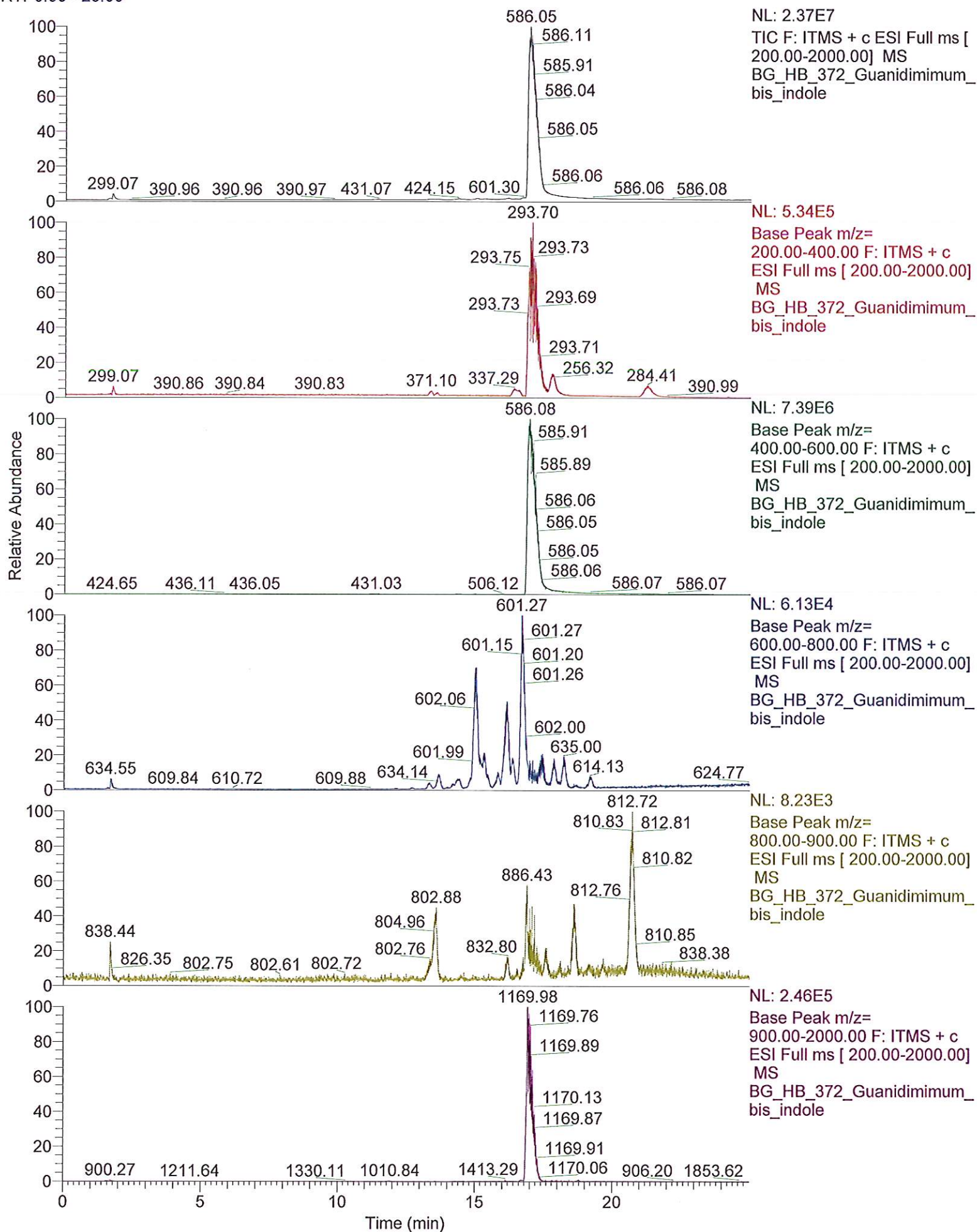
Column Type: Vydac C18

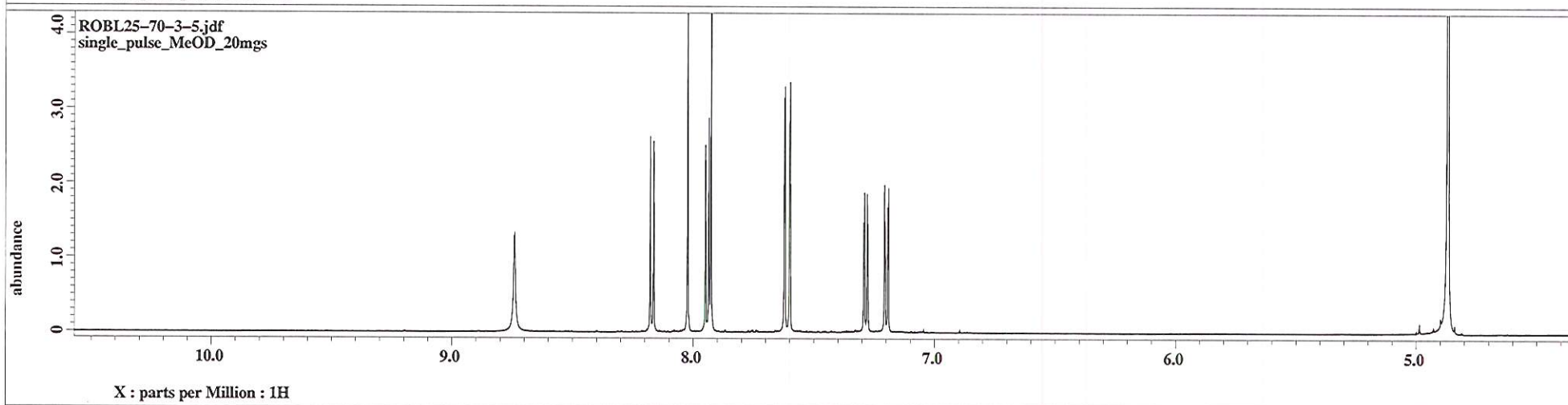
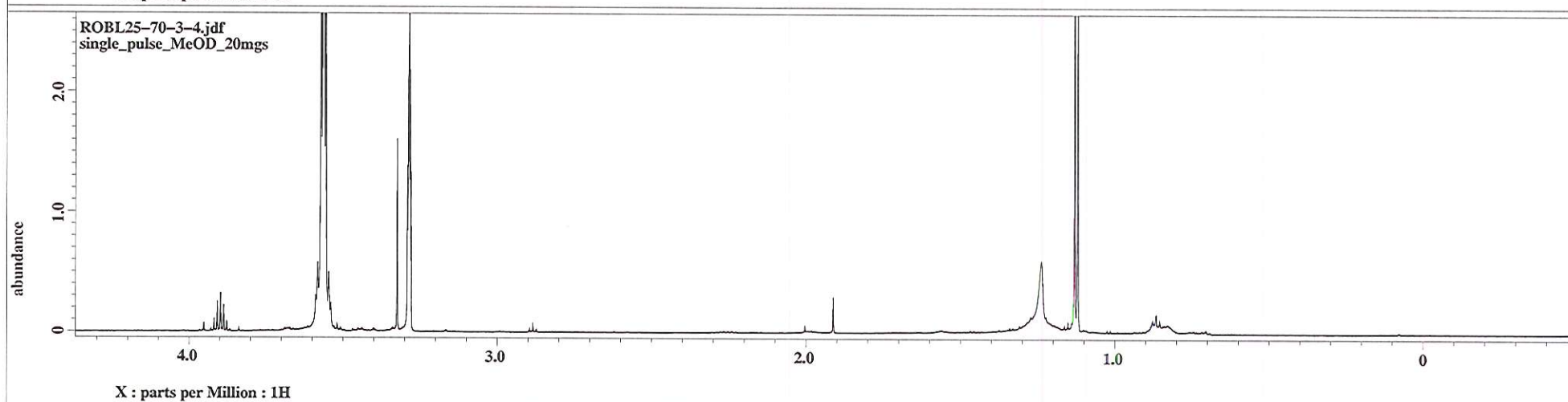
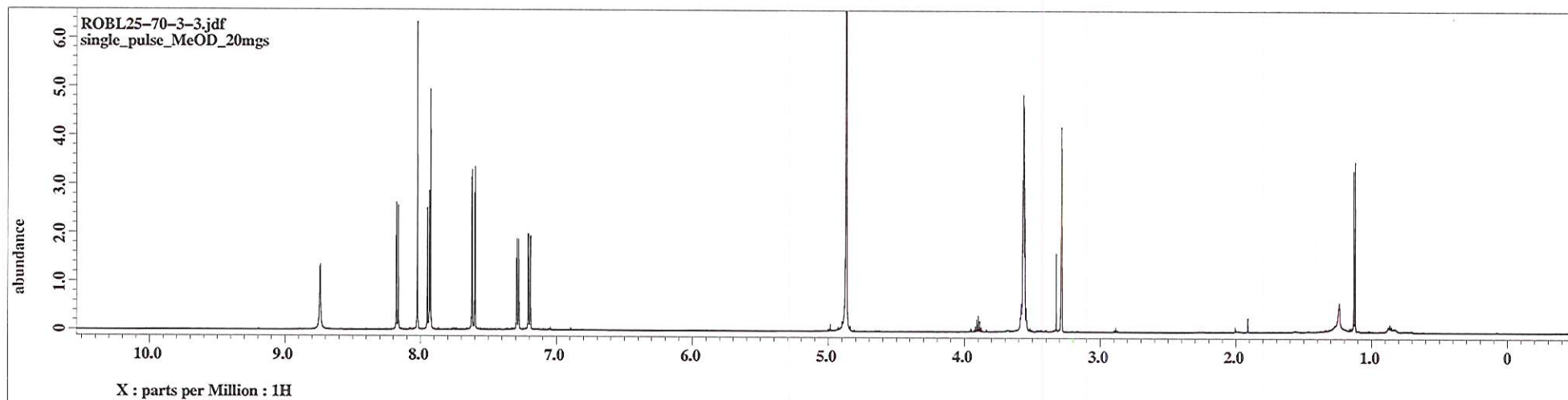
Pump A Solvent A: H2O/5% ACN TFA 0.1%

Pump A Solvent B: ACN TFA 0.1%

Method Description:

RT: 0.00 - 25.00





single_pulse_decROBL25-70-3_MeOD_20mgs-2.jdf
single pulse decoupled gated NOE_ROBL25-70-3_MeOD_20mgs

