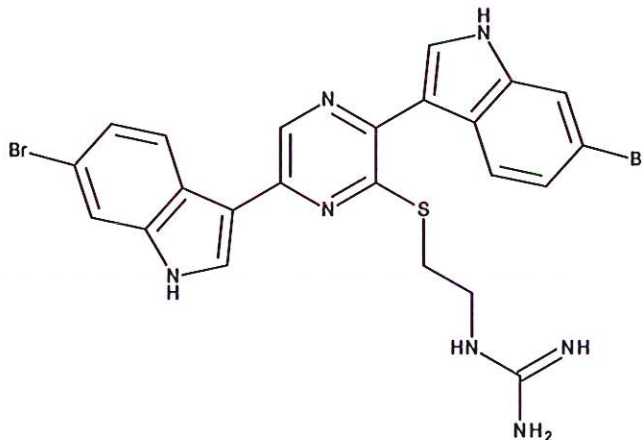


HBOI-372



GUANIDINIUM BIS-INDOLE

$C_{23}H_{19}Br_2N_7S$

585.32

Spongosorites 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
awright33@hboi.fau.edu, 772-242-2459

Date: 1/28/13

21-V-93-3-001
Bin R11
Spongosorites

Extract 255g 5 X with Ethanol
400-500 ml each extract
ROBL24-74-1
17g

Water Partition
ROBL24-74-2
11.85g

BuOH Partition
ROBL24-74-3
5.16g

350ml RP18 VCC
2.64g BuOH Partition
400ml washes

	100	80	60	60	50	50	40	20	0	35
H ₂ O	0	20	40	40	50	50	60	80	100	65
ACN	0	0	0	0	0	0	0	0	0	0.1
TFA	0	0	0	0	0	0	0	0	0	0
Weight, mg	79.7	86.9	87.9	213.5	93.1	672.6	53.0	25.6	14.8	775.2
ROBL24-75-	1	2	3A	3B	4A	4B	5	6	7	8

HPLC
35:65
H₂O/ACN/0.1TFA
30mg

ROBL25-70-
5.8mg

ROBL25-70-2
4.3mg

**ROBL25-70-3
21.5mg**

ROBL2570.vsd

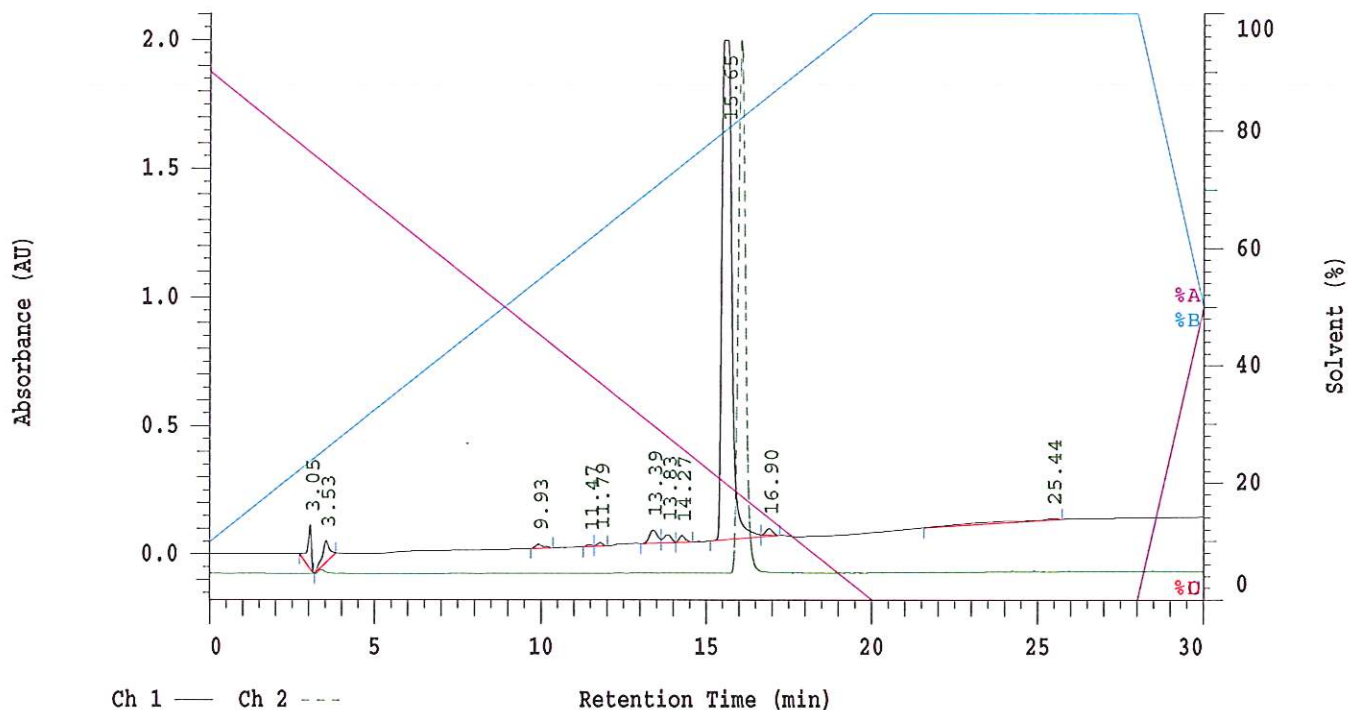
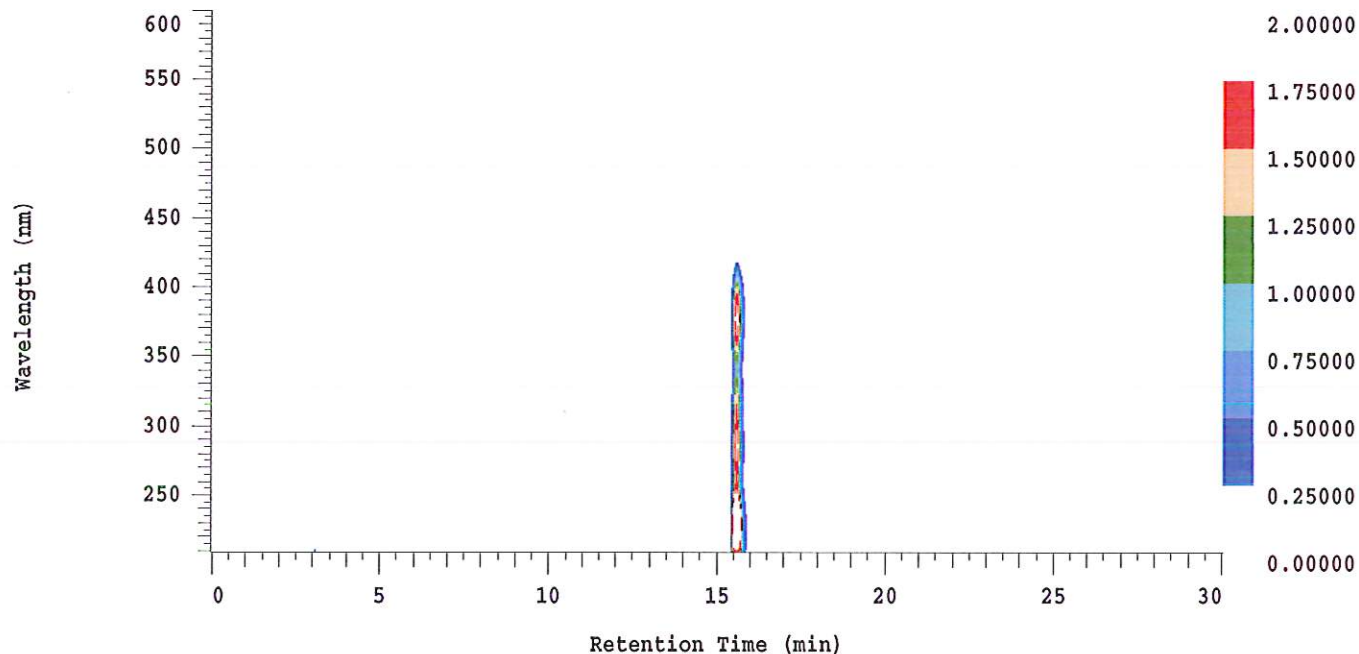
D-2000 Elite HPLC System Manager Report

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

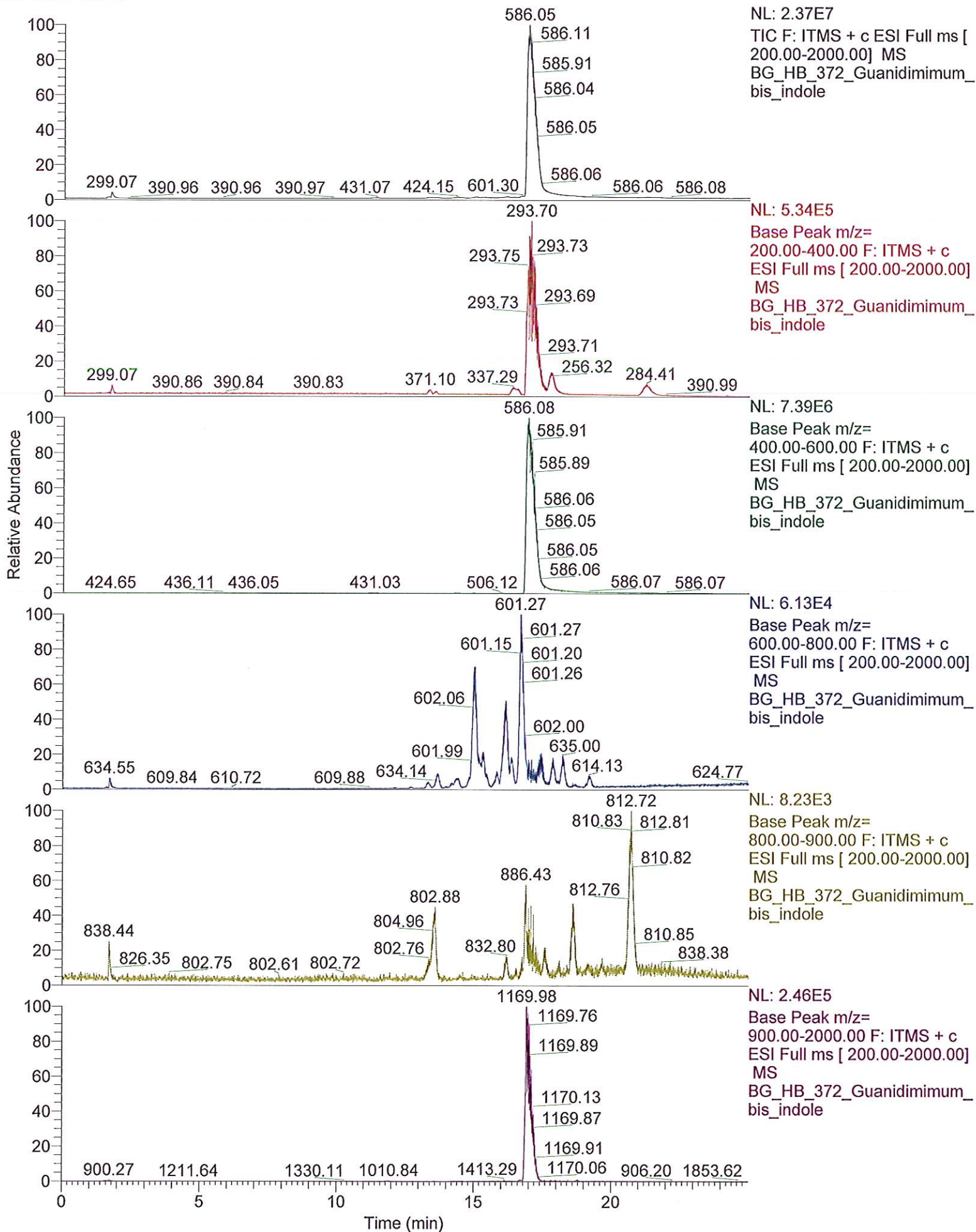
Column Type: Vydac C18

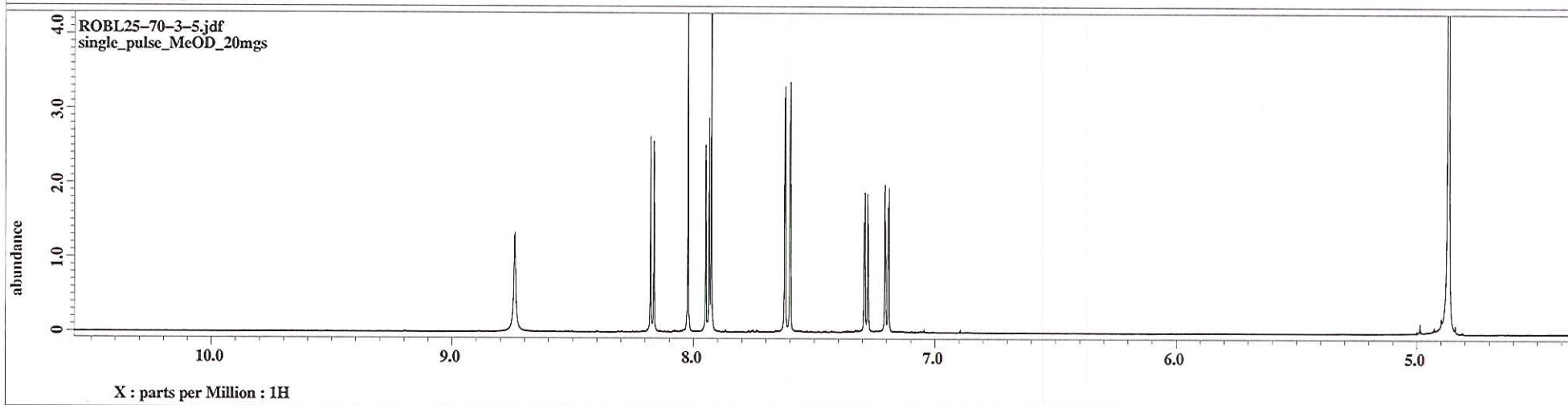
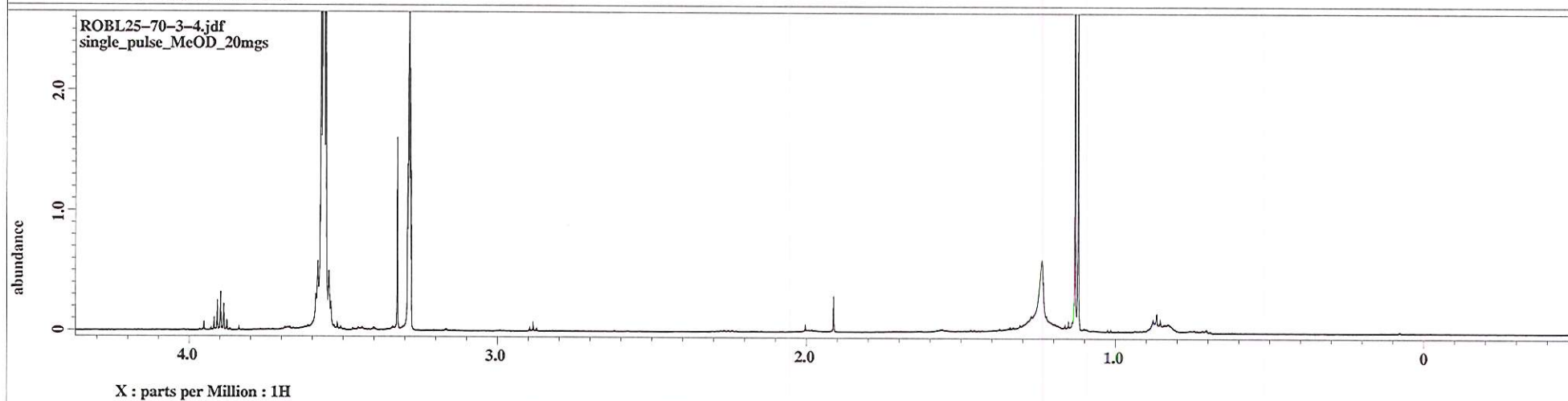
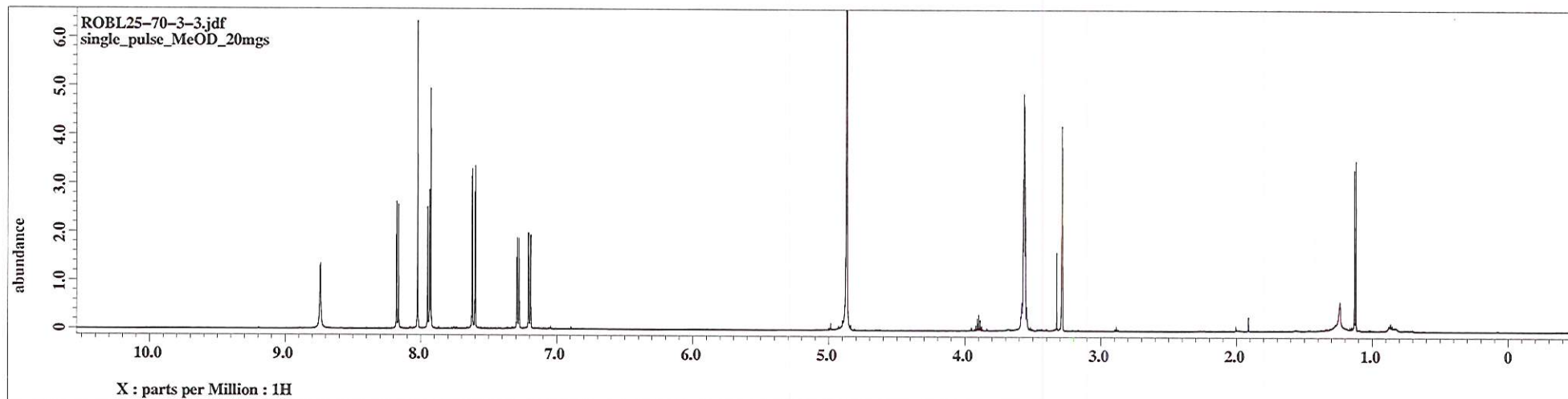
Pump A Solvent A: H2O/5% ACN TFA 0.1%

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

