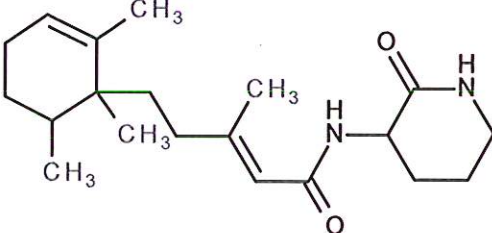


HBOI-382		
SOLLASIN B		
$C_{20}H_{32}N_2O_2$		332.24
Pachastrellidae		
Killday, Longley, McCarthy, Pomponi, Wright, Neale, and Sills, 1993, <i>J. Nat. Prod.</i> 56(4) 500-507		

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), B: CH₃CN
 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/CD₃ OD

¹³C (150 MHz) CDCl₃ CD₃OD (Methanol-d₄) CDCl₃/CD₃ OD

solubility CHCl₃/MeOH(9:1) MeOH DMSO

estimated purity >90%

sample weight 20.8 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

22-V-93-3-004
 Pachestrellidae
 Heptane Dionex Extraction
 ROBL22-99-2
 500mg

12g Redi-Sep Gold
 Combi-Flash Non-
 Polar Method
 100% HEP to 100%
 EtOAc plus wash
 gradient
 30 ml/min

ROBL25-52- Weight Tubes	1 67.1mg 5-11	2 20.3mg 12-14	3 91.6mg 15-18	4 32.1mg 19-23	5 12.9mg 24-40	6 15.5mg 41-43
			7 31.3mg 44-53	8 1.3mg 54-57	9 96.5mg 58-71	10 31.2mg 72-79

ROBL25-52-3
 HPLC 20:80 H₂O/ACN
 50mg

ROBL25-62- mg	1 3.1	2 1.2	3 33.0	4 1.2
------------------	----------	----------	-----------	----------

ROBL25-52-4
 HPLC 20:80 H₂O/ACN
 32mg

ROBL25-62- mg	5 5.3	6 21.0
------------------	----------	-----------

ROBL25-52-9 HB382
 ROBL25-52-7 HB383
 ROBL25-62-6 HB384

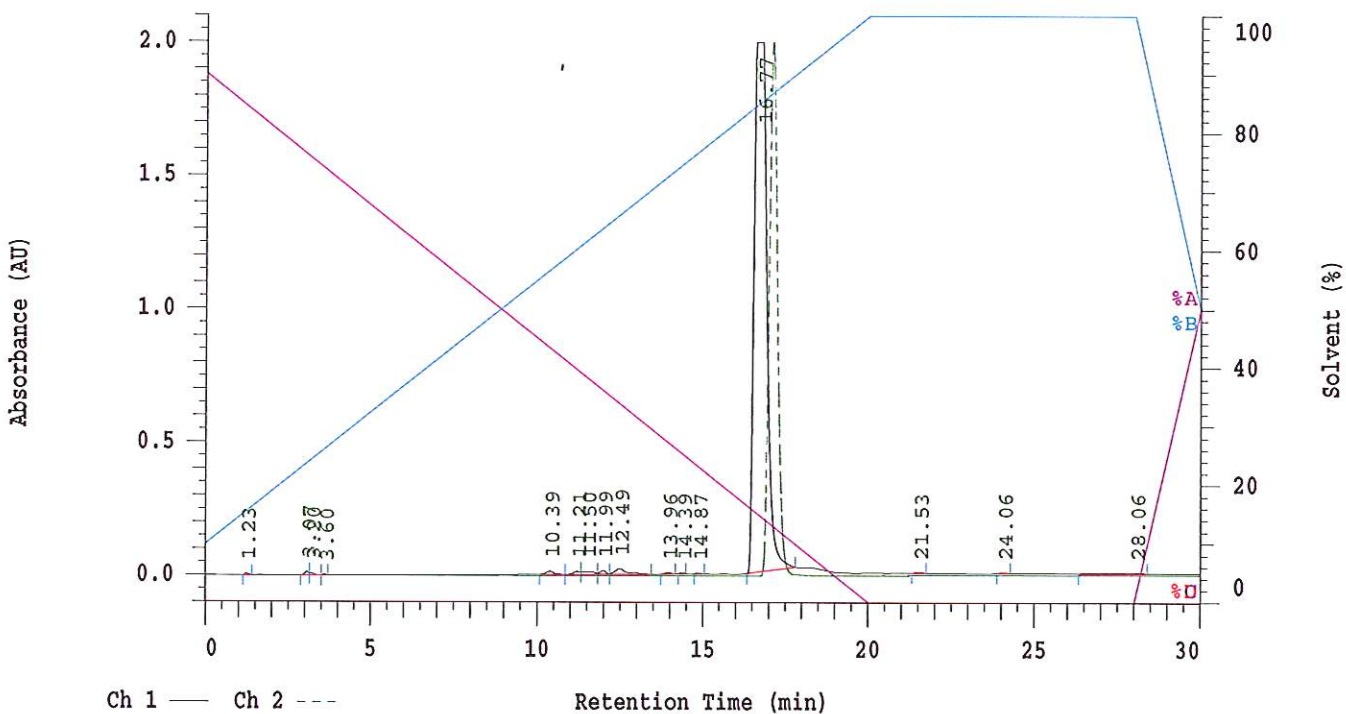
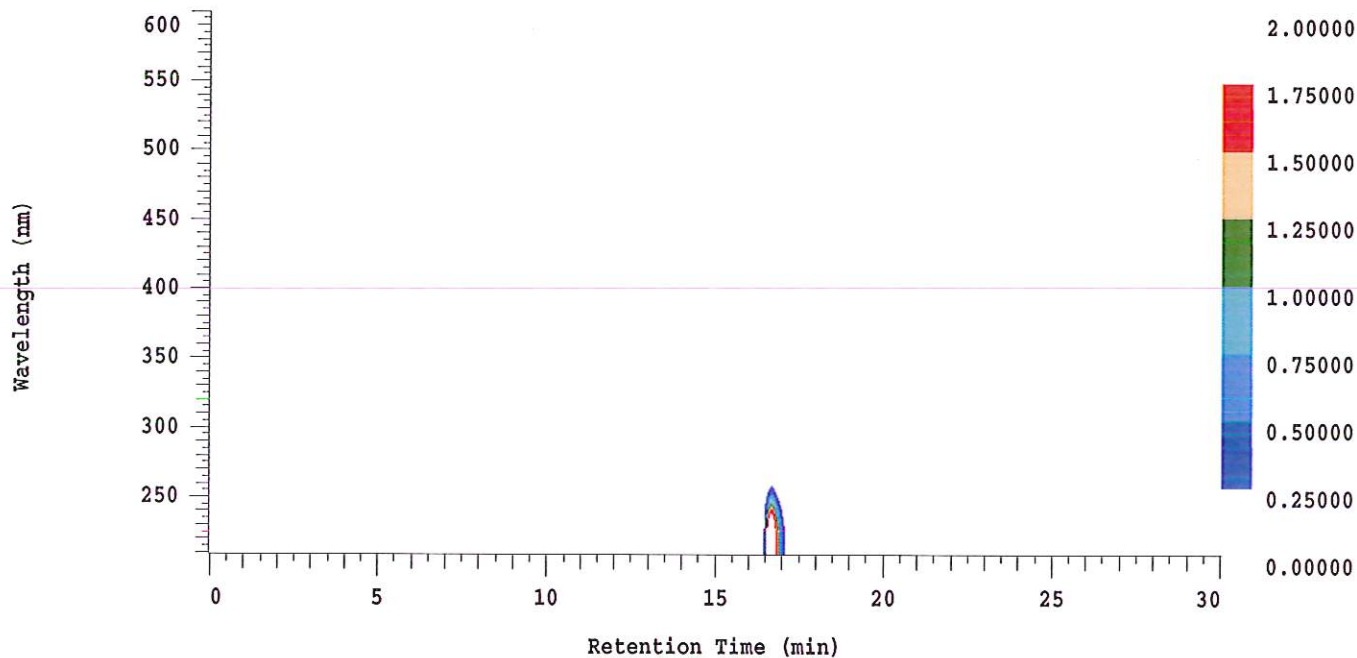
D-2000 Elite HPLC System Manager Report

Analyzed: 01/24/2013 03:56 PM

Reported: 01/24/2013 04:38 PM

Sample Name: HBOI-382

Sample Description: HBOI-382



Acquisition Method: autosamp_30mn_UV220_wELSD

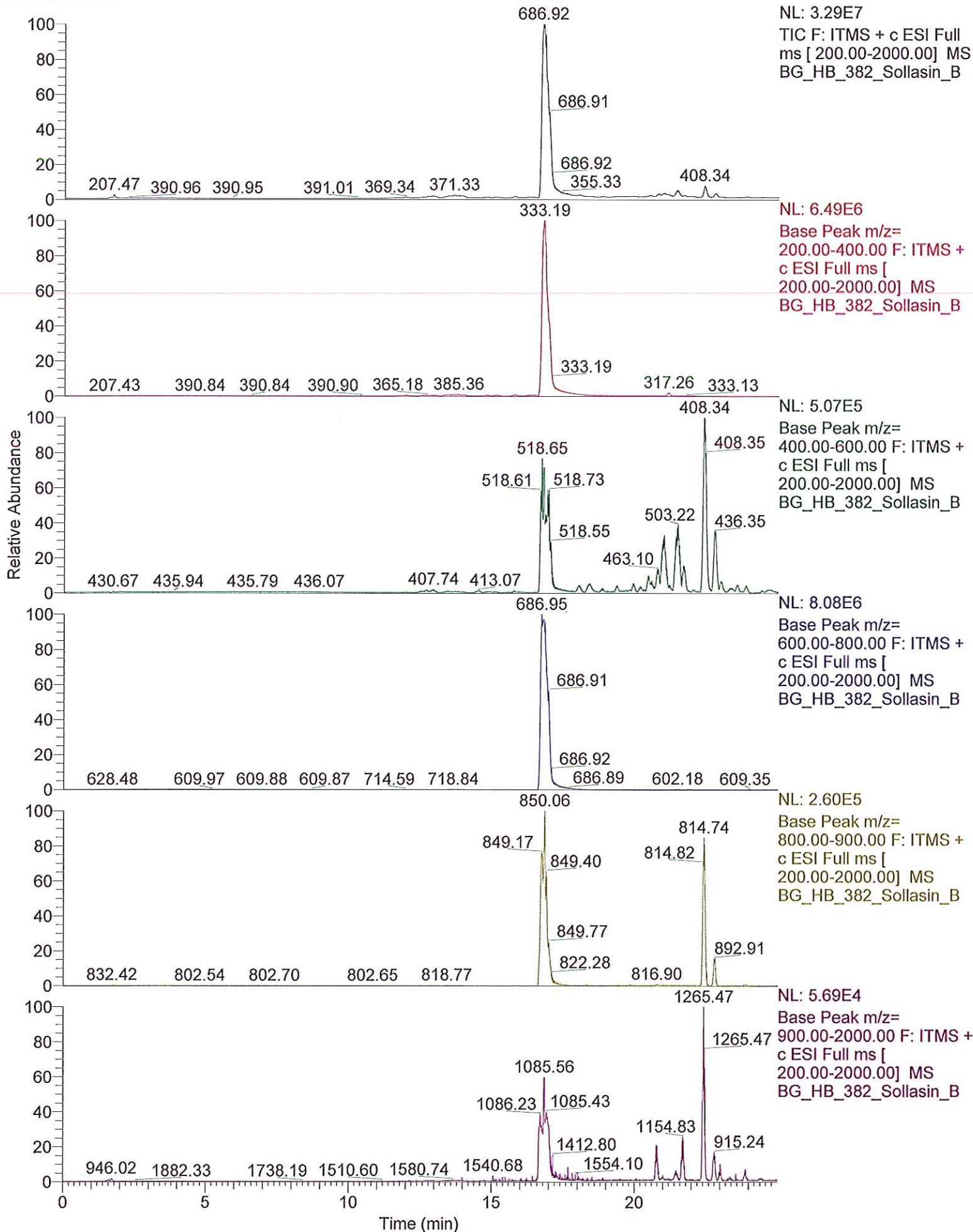
Column Type: Vydac C18

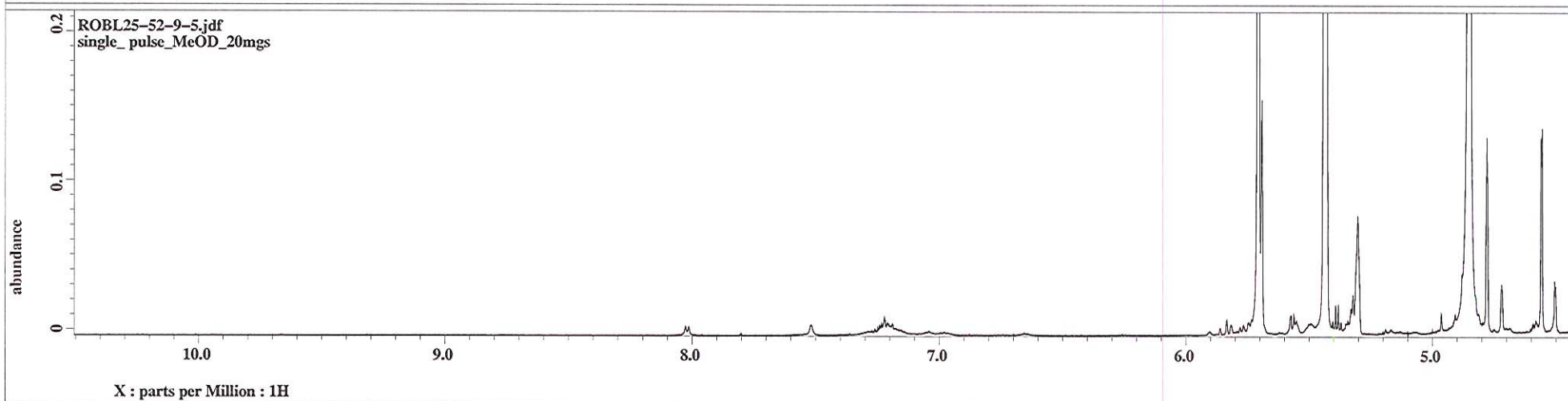
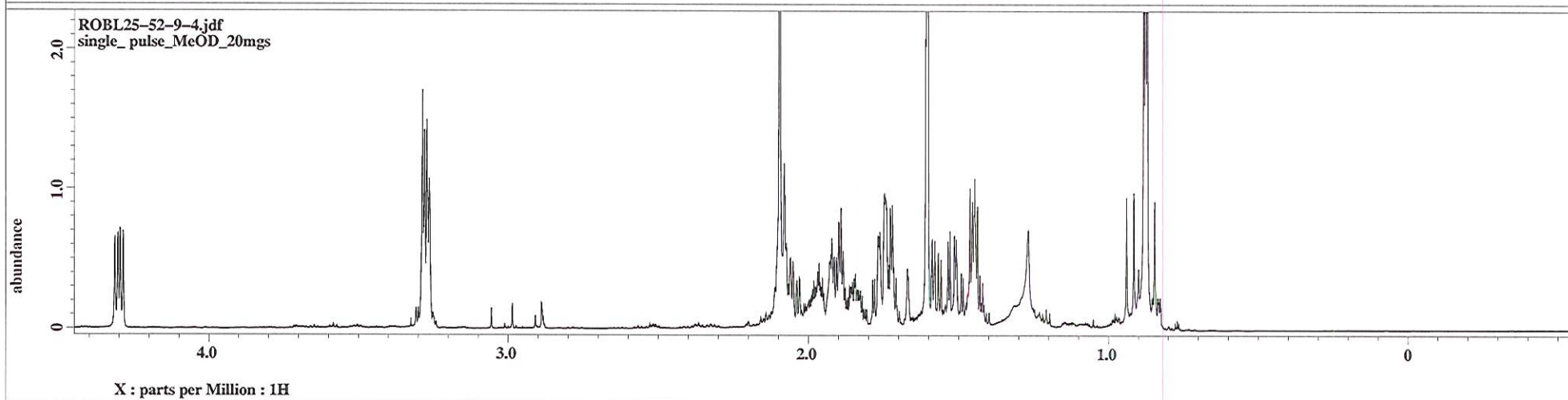
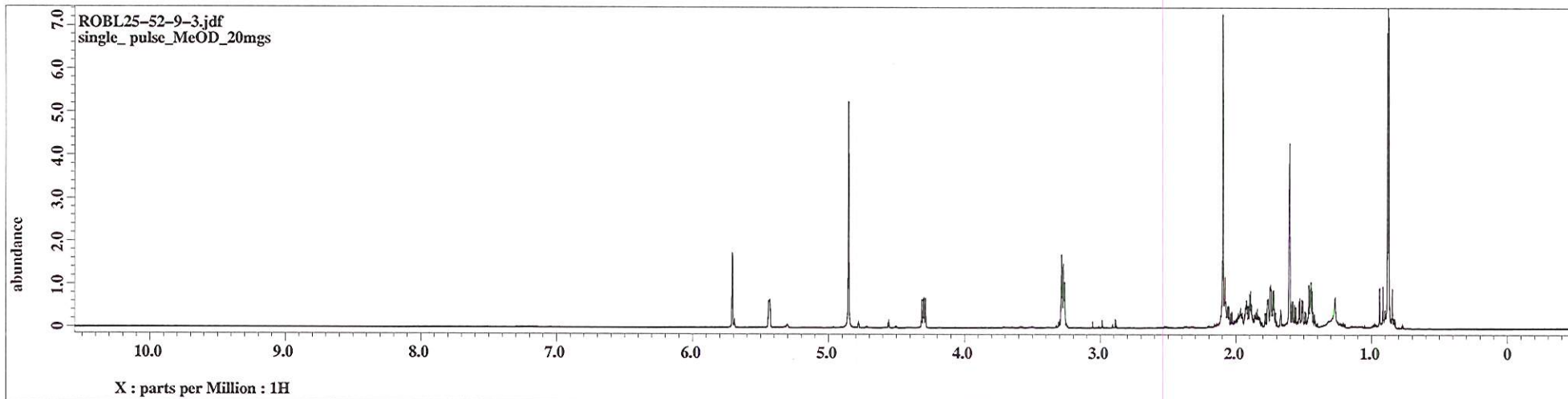
Pump A Solvent A: H2O/5% ACN

Pump A Solvent B: ACN

Method Description:

RT: 0.00 - 25.00





single_pulse_decROBL25-52-9_MeOD-2.jdf
ROBL25-52-9single pulse decoupled gated NOE

