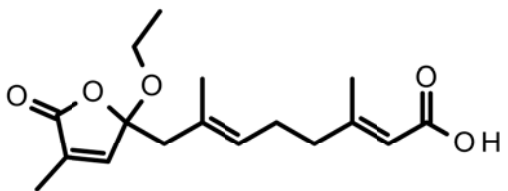


| | |
|---|---|
| HBOI-349 |  <p style="margin-top: 10px;"> Formula Weight : 308.37(1) Exact Mass : 308.16237388(1) Formula : C₁₇H₂₄O₅ </p> |
| Butenolide | |
| C ₁₇ H ₂₄ O ₅ | 308.37 |
| <i>Dictyodendrilla sp. 17-VII-92-1-018 MCCOO1-78-01</i> | |
| No publication | |

PO NUMBER: PO40657 Bar Code: 1447374

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 (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/CD₃OD

¹³C (150 MHz) CDCL₃ CD₃OD (Methanol-d₄) CDCl₃/CD₃OD

solubility CHCl₃/MeOH (9:1) MeOH DMSO

estimated purity >90%

sample weight 5.8 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: _____

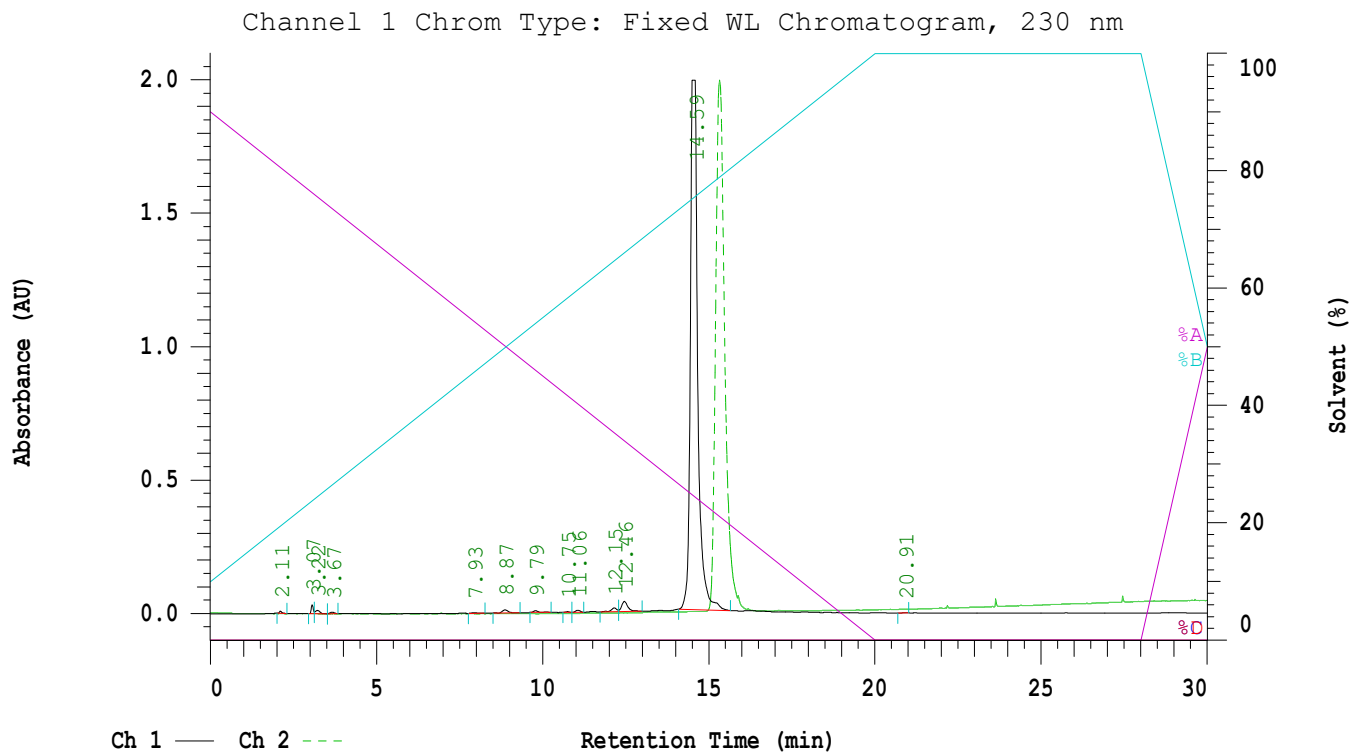
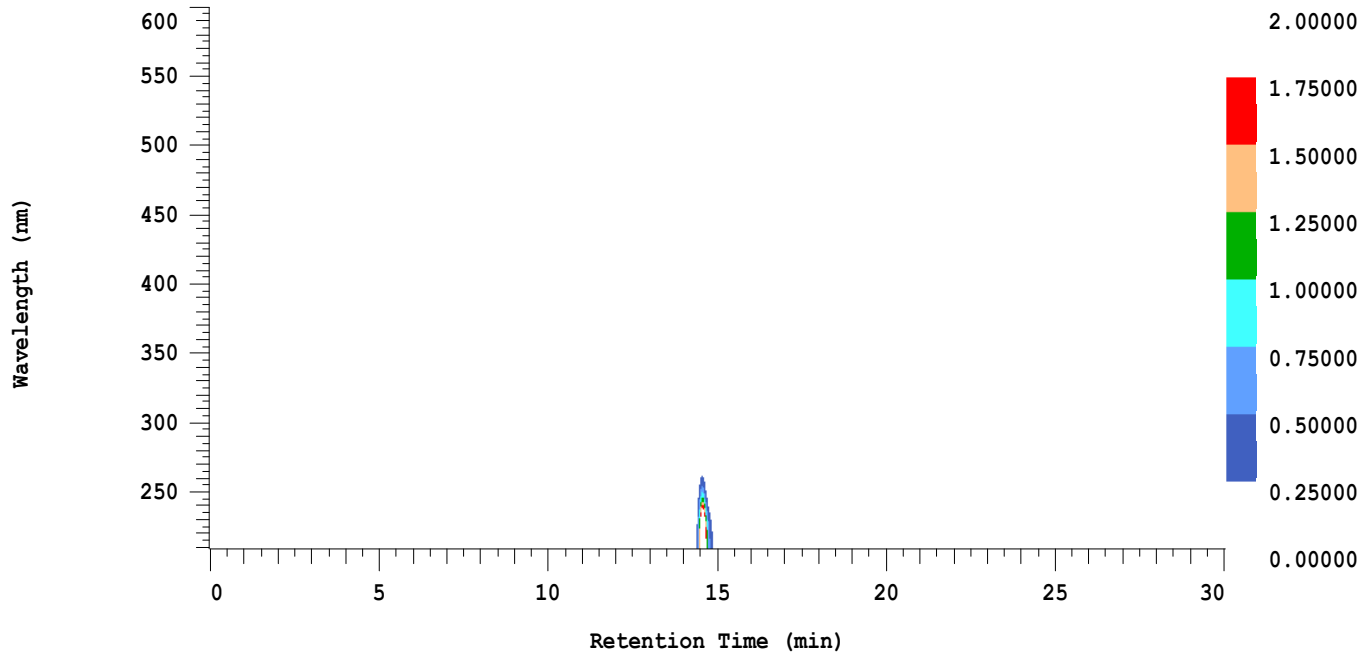
D-2000 Elite HPLC System Manager Report

Analyzed: 03/21/2014 11:27 AM

Reported: 03/21/2014 12:20 PM

Sample Name: McCool-78-01

Sample Description: 17-VII-92-1-018 Dictyodendrila



Acquisition Method: autosampler_30min_wELSD

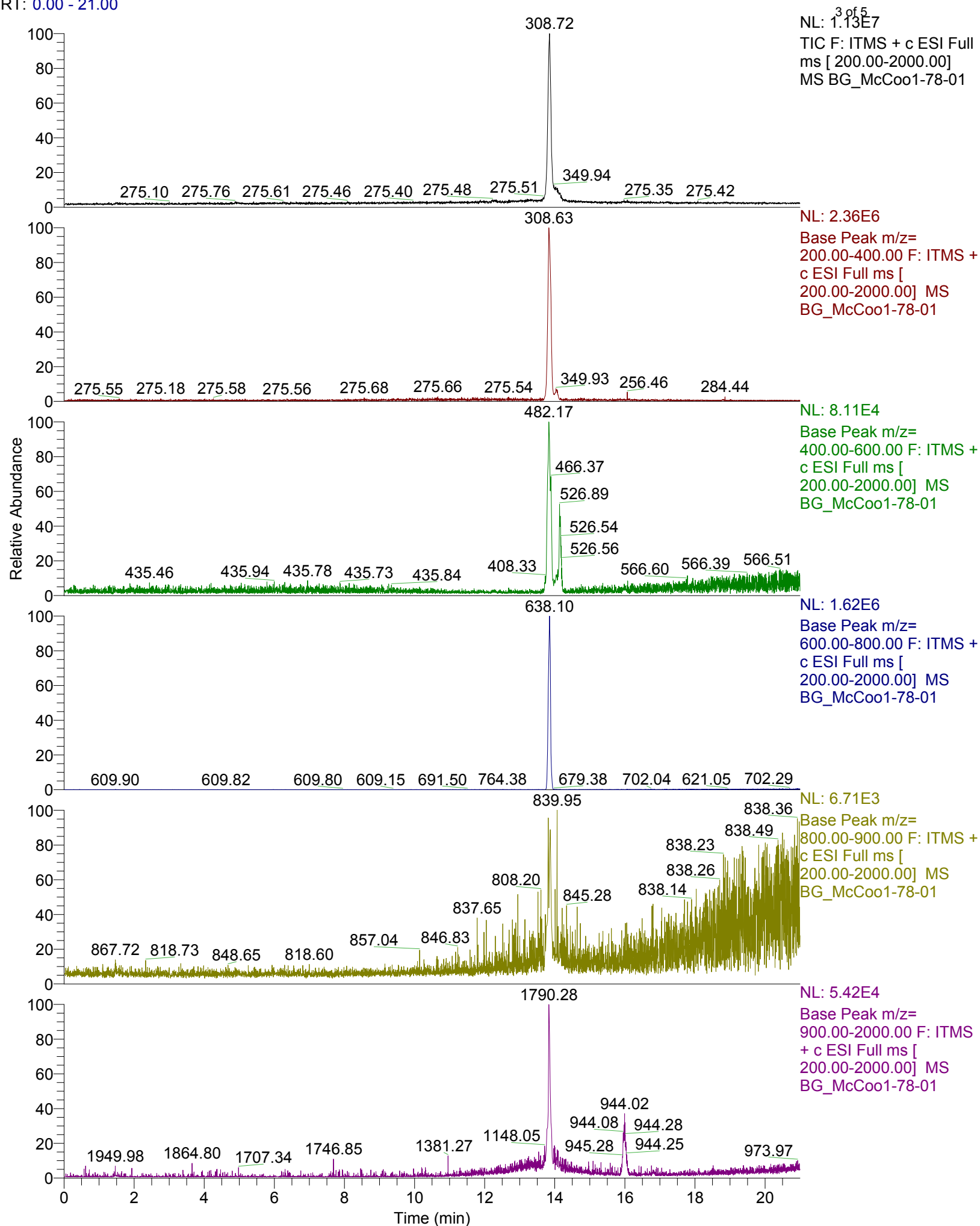
Column Type: Vydac C18

Pump A Solvent A: H2O/5% ACN

Pump A Solvent B: ACN

Method Description:

RT: 0.00 - 21.00



abundance

6.0

5.0

4.0

3.0

2.0

1.0

0

9.0

8.0

7.0

6.0

5.0

4.0

3.0

2.0

1.0

0

X : parts per Million : 1H

