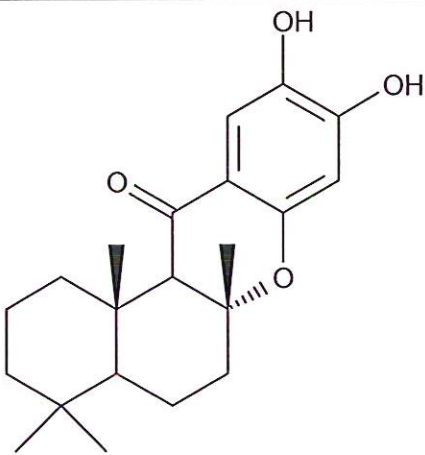


HBOI-32	
PETROSIA QUINOL	
$C_{21}H_{28}O_4$	344.45
Petrosiidae	

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); 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

- | | | | |
|---|--|---|--|
| <input checked="" type="checkbox"/> ¹ H (600 MHz) | <input type="checkbox"/> CDCl ₃ | <input checked="" type="checkbox"/> CD ₃ OD (Methanol-d ₄) | <input type="checkbox"/> CDCl ₃ /CD ₃ OD |
| <input checked="" type="checkbox"/> ¹³ C (150 MHz) | <input type="checkbox"/> CDCl ₃ | <input checked="" type="checkbox"/> CD ₃ OD (Methanol-d ₄) | <input type="checkbox"/> CDCl ₃ /CD ₃ OD |
| <input checked="" type="checkbox"/> solubility | <input type="checkbox"/> CHCl ₃ /MeOH (9:1) | <input checked="" type="checkbox"/> MeOH | <input type="checkbox"/> DMSO |

estimated purity >90%

sample weight 20.6 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

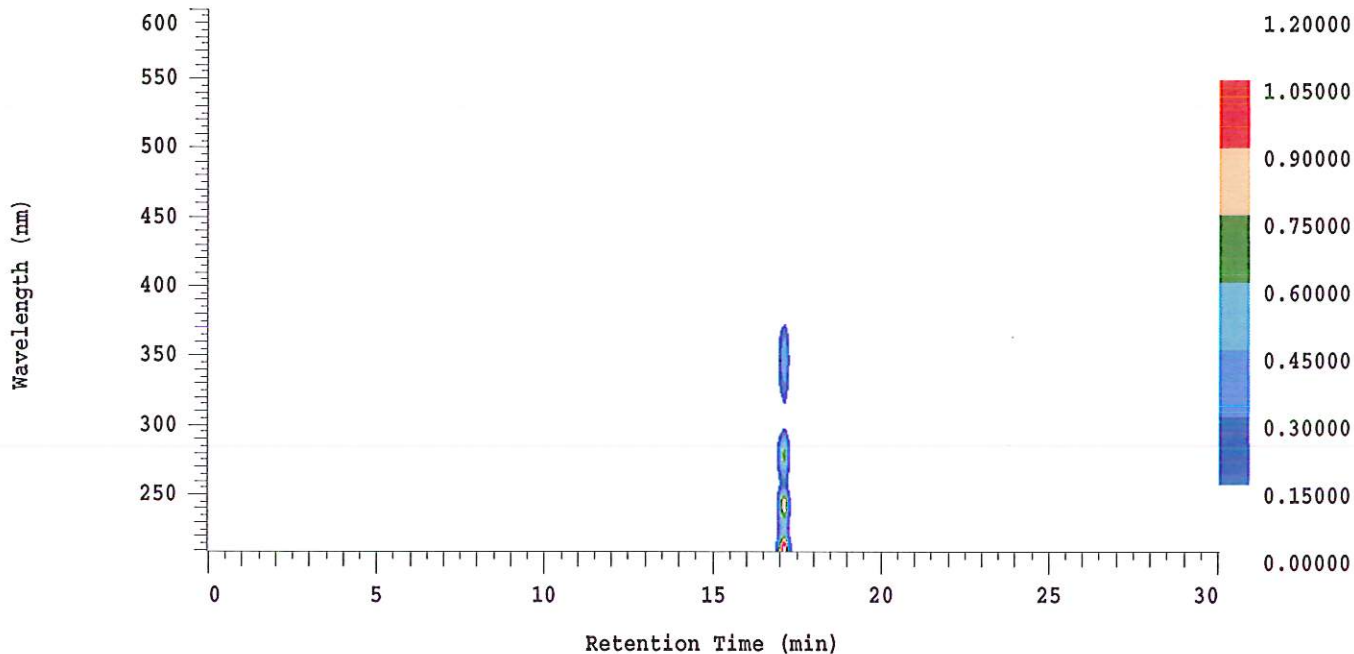
D-2000 Elite HPLC System Manager Report

Analyzed: 01/23/2013 06:16 PM

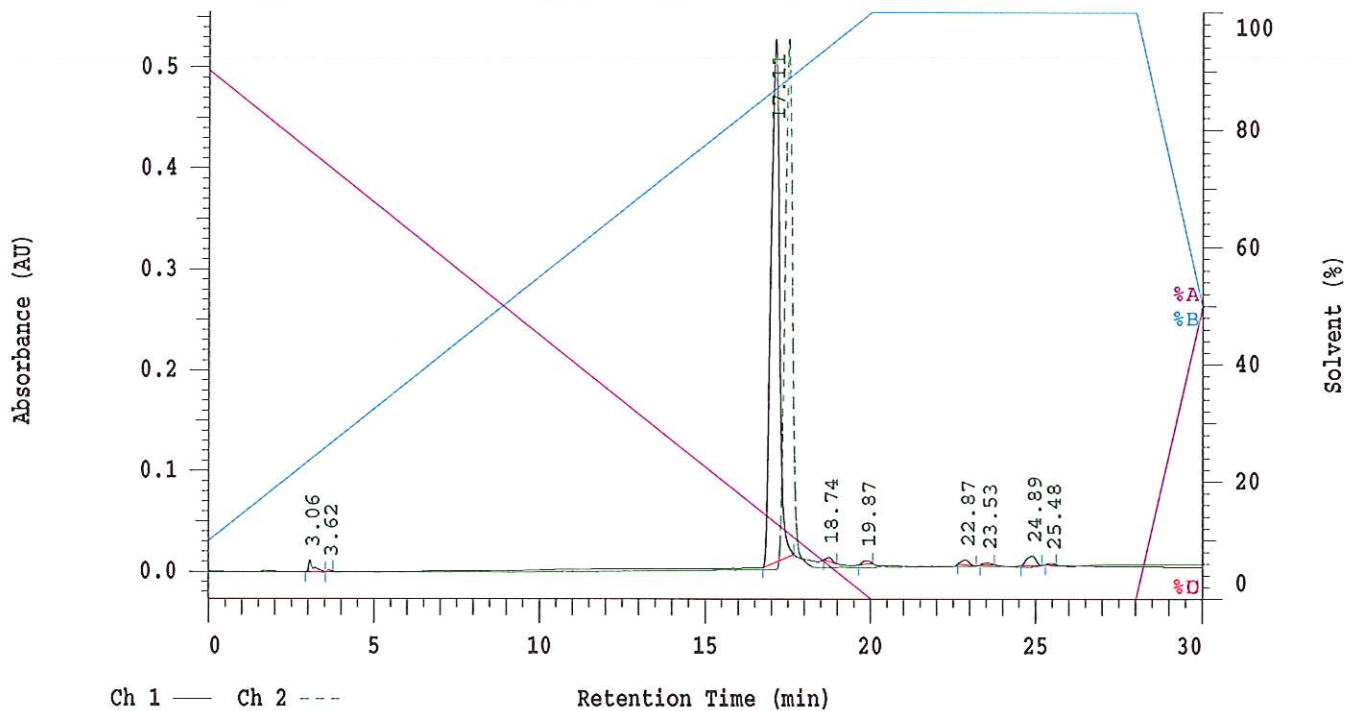
Reported: 01/24/2013 10:41 AM

Sample Name: HBOI-32

Sample Description: HBOI-32



Channel 1 Chrom Type: Fixed WL Chromatogram, 230 nm



Acquisition Method: autosamp_30mn_UV220_wELSD

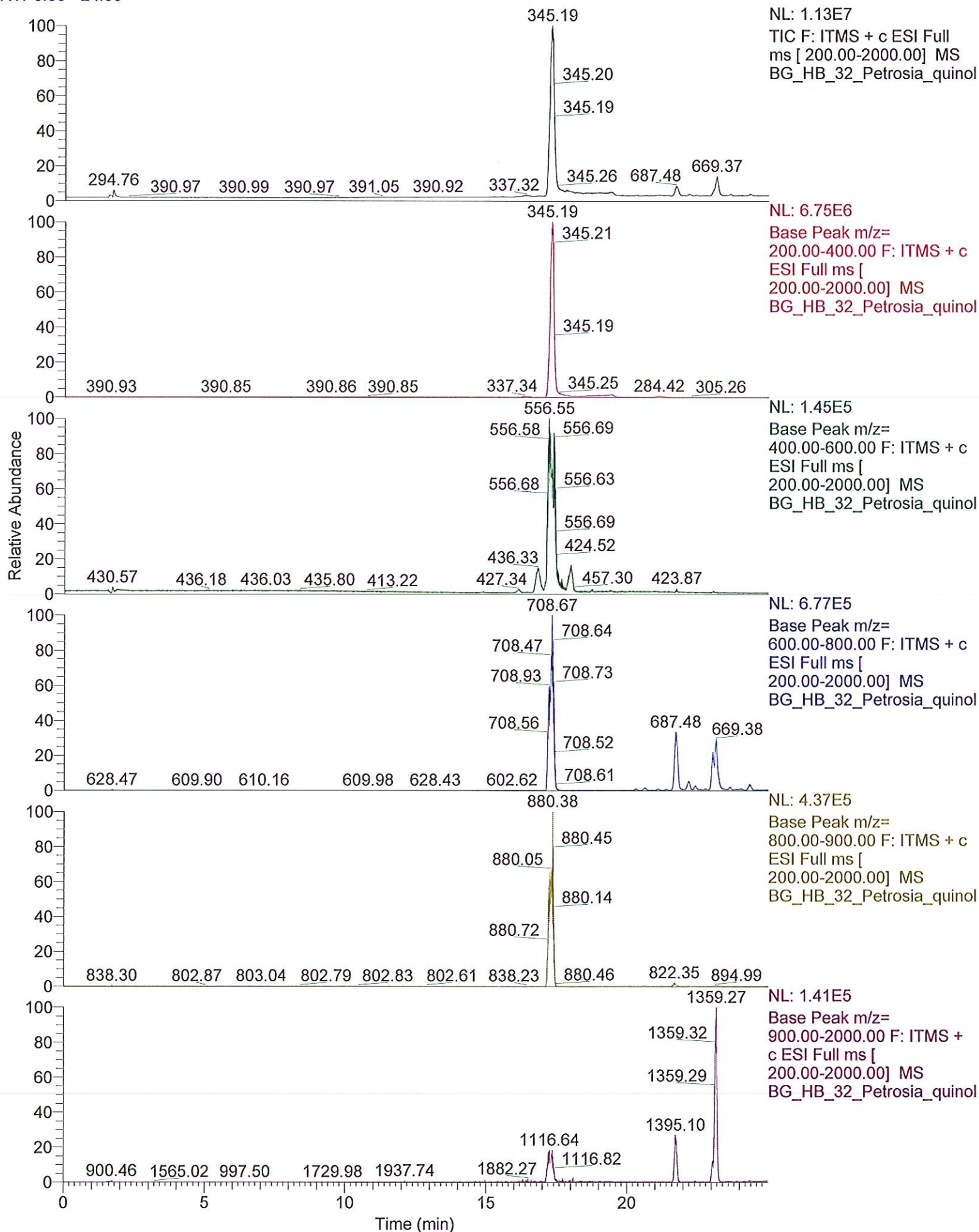
Column Type: Vydac C18

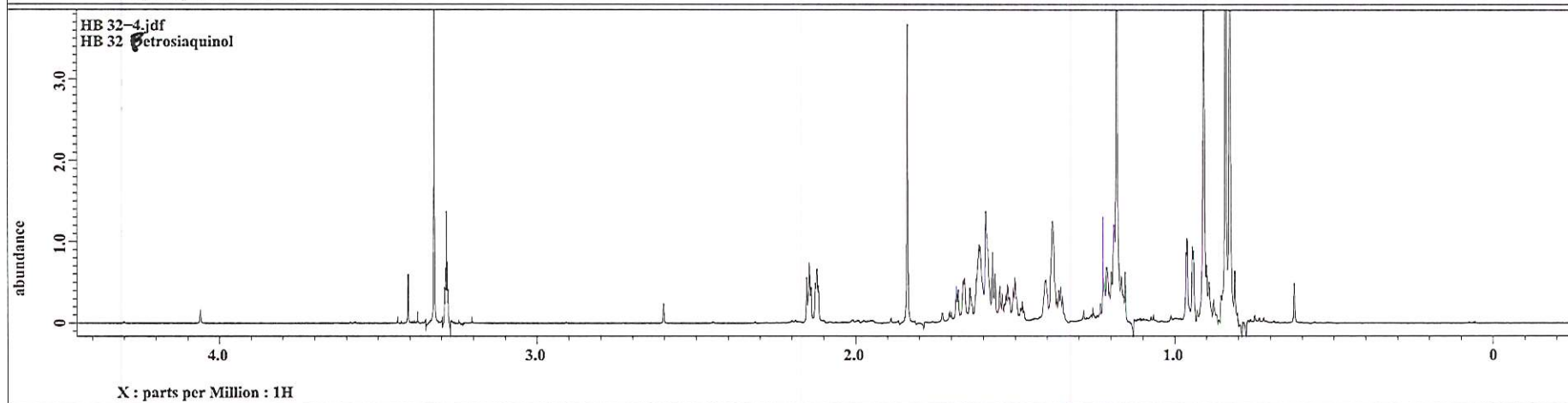
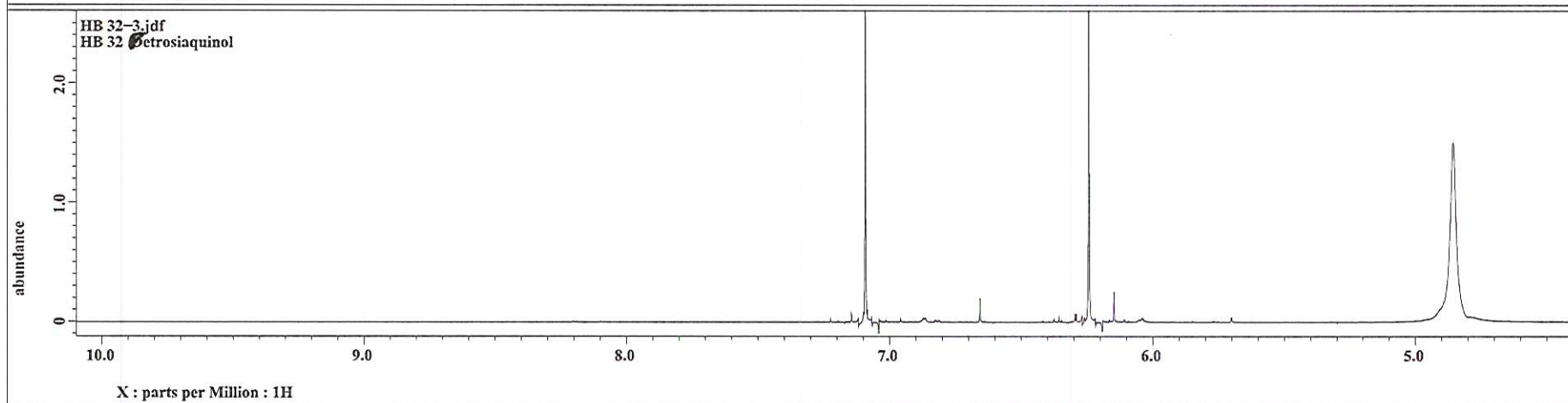
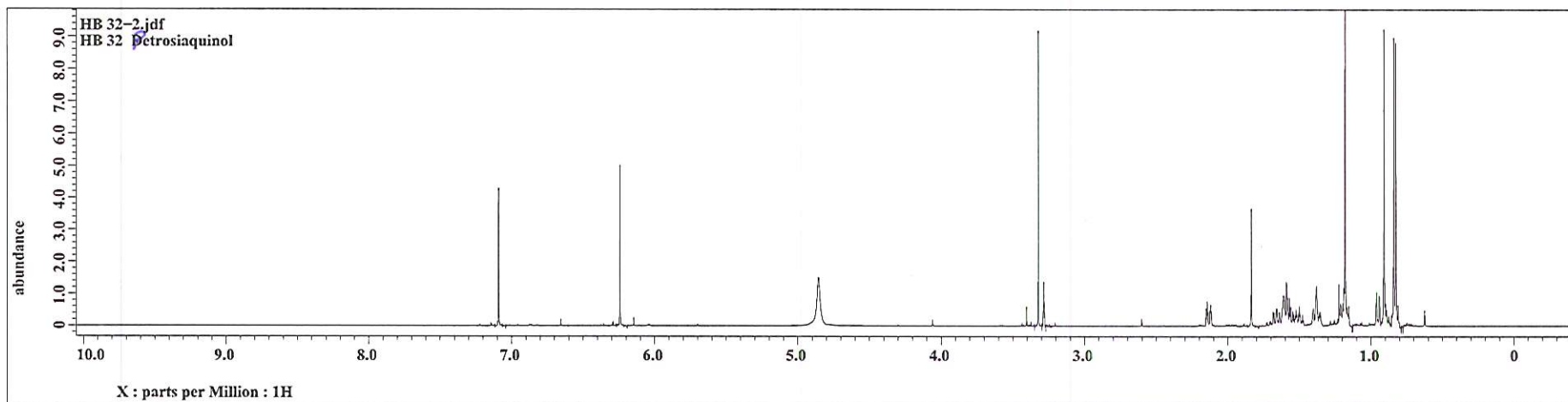
Pump A Solvent A: H2O/5% ACN

Pump A Solvent B: ACN

Method Description:

RT: 0.00 - 24.99





HB-32_Petroselinol_CARBON-3.jdt
C13 Spectrum for QC

