

TABLE 12-2

SELECTED PARAMETERS FROM GC/MS ANALYSIS

Sample: YOLLA 1, DST 1

	<u>Parameter</u>	<u>Ion(s)</u>	<u>Value</u>
1.	18 α (H)-hopane/17 α (H)-hopane (Ts/Tm)	191	1.15
2.	C ₃₀ hopane/C ₃₀ moretane	191	6.81
3.	C ₃₁ 22S hopane/C ₃₁ 22R hopane	191	1.52
4.	C ₃₂ 22S hopane/C ₃₂ 22R hopane	191	nd
5.	C ₂₉ 20S $\alpha\alpha\alpha$ sterane/C ₂₉ 20R $\alpha\alpha\alpha$ sterane	217	1.02
6.	$\frac{C_{29} \text{ } \alpha\beta\beta \text{ steranes}}{C_{29} \text{ } \alpha\alpha\alpha \text{ steranes} + C_{29} \text{ } \alpha\beta\beta \text{ steranes}}$	217	0.60
7.	C ₂₇ /C ₂₉ diasteranes	259	nd
8.	C ₂₇ /C ₂₉ steranes	217	nd
9.	18 α (H)-oleanane/C ₃₀ hopane	191	nd
10.	$\frac{C_{29} \text{ diasteranes}}{C_{29} \text{ } \alpha\alpha\alpha \text{ steranes} + C_{29} \text{ } \alpha\beta\beta \text{ steranes}}$	217	0.73
11.	$\frac{C_{30} \text{ (hopane + moretane)}}{C_{29} \text{ (steranes + diasteranes)}}$	191/217	1.78
12.	C ₁₅ drimane/C ₁₆ homodrimane	123	1.52
13.	Rearranged drimanes/normal drimanes	123	0.65
14.	C ₁₅ alkyl cyclohexane/C ₃₀ hopane	83/191	75.93

nd = no data