

TABLE 12-1

SELECTED PARAMETERS FROM GC/MS ANALYSIS

Sample: YOLLA 1, DST 2

	<u>Parameter</u>	<u>Ion(s)</u>	<u>Value</u>
1.	18 $\alpha$ (H)-hopane/17 $\alpha$ (H)-hopane (Ts/Tm)	191	0.12
2.	C <sub>30</sub> hopane/C <sub>30</sub> moretane	191	4.91
3.	C <sub>31</sub> 22S hopane/C <sub>31</sub> 22R hopane	191	0.81
4.	C <sub>32</sub> 22S hopane/C <sub>32</sub> 22R hopane	191	1.05
5.	C <sub>29</sub> 20S $\alpha\alpha\alpha$ sterane/C <sub>29</sub> 20R $\alpha\alpha\alpha$ sterane	217	0.77
6.	$\frac{C_{29} \alpha\beta\beta \text{ steranes}}{C_{29} \alpha\alpha\alpha \text{ steranes} + C_{29} \alpha\beta\beta \text{ steranes}}$	217	0.51
7.	C <sub>27</sub> /C <sub>29</sub> diasteranes	259	nd
8.	C <sub>27</sub> /C <sub>29</sub> steranes	217	nd
9.	18 $\alpha$ (H)-oleanane/C <sub>30</sub> hopane	191	nd
10.	$\frac{C_{29} \text{ diasteranes}}{C_{29} \alpha\alpha\alpha \text{ steranes} + C_{29} \alpha\beta\beta \text{ steranes}}$	217	0.65
11.	$\frac{C_{30} \text{ (hopane + moretane)}}{C_{29} \text{ (steranes + diasteranes)}}$	191/217	4.74
12.	C <sub>15</sub> drimane/C <sub>16</sub> homodrimane	123	1.44
13.	Rearranged drimanes/normal drimanes	123	0.52
14.	C <sub>15</sub> alkyl cyclohexane/C <sub>30</sub> hopane	83/191	25.36

nd = no data