

Table 3

Compound-specific carbon isotope ratios for *n*-alkanes extracted from serpentinites from the southern part of the Atlantis Massif

	3863-1301	3867-1623	3873-1300	3877-1307	3881-1119	3651-1252
Total extracted organic carbon content (ppm)	21	33	n.d.	n.d.	41	n.d.
TOC content (ppm)	173	115	164	124	55	392
$\delta^{13}\text{C}_{\text{TOC}}(\text{‰})$	-26.4	-25.8	-26.2	-26.5	-26.4	-26.6
<i>n</i> -Alkanes						
C <sub>14</sub>	n.d.	-28.7	n.d.	n.d.	n.d.	n.d.
C <sub>15</sub>	-28.5	-29.5	n.d.	n.d.	-28.9	-29.5
C <sub>16</sub>	-28.9	-30.3	-31.9	-30.1	-29.8	-29.1
Norpristane	-28.6	-30.2	-29.9	-29.3	-29.8	-29.0
C <sub>17</sub>	-29.1	-30.4	-31.2	-33.5	-30.6	-29.9
Pristane	n.d. <sup>a</sup>	n.d. <sup>a</sup>	-30.3	-30.7	n.d. <sup>a</sup>	n.d. <sup>a</sup>
C <sub>18</sub>	-28.9	-29.6	-30.3	-31.2	-30.0	-29.2
Phytane	-29.0	-30.2	-30.0	-30.4	-30.5	-28.9
C <sub>19</sub>	-29.8	-29.4	-29.5	-29.5	-29.1	-29.3
C <sub>20</sub>	-29.5	-28.4	-29.1	-28.6	-27.9	-28.9
C <sub>21</sub>	-29.0	-28.7	-30.0	-29.2	-27.8	-28.5
C <sub>22</sub>	-28.7	-29.2	-28.4	-28.8	-28.6	-29.4
C <sub>23</sub>	-27.4	n.d.	-29.6	-29.8	-27.3	-27.8
C <sub>24</sub>	-27.5	n.d.	-30.9	-30.7	-27.7	-27.8
C <sub>25</sub>	-27.9	n.d.	-32.3	-30.7	-27.8	-27.8
C <sub>26</sub>	-27.4	n.d.	-32.9	-33.6	-27.3	-27.2
Squalane	-26.1	n.d.	-30.3	-31.1	-27.5	-24.6
C <sub>27</sub>	n.d.	n.d.	-32.7	-33.7	-28.3	-28.3
C <sub>28</sub>	n.d.	n.d.	-35.4	-32.8	-28.2	-28.2
C <sub>29</sub>	n.d.	n.d.	-38.6	-34.3	n.d.	-27.2
C <sub>30</sub>	n.d.	n.d.	-29.7	-35.8	n.d.	-27.1

<sup>a</sup> Carbon isotope compositions of pristane from samples 3863-1301, 3867-1623, 3881-1119 and 3651-1252 could not be measured because of insufficient peak separation during the analysis.