

# **A full carbon-based thermoplastic photocatalyst for organic pollutants abatement: an experimental and computational study**

Lidia Mezzina <sup>a,†</sup>, Angelo Nicosia <sup>a,†</sup>, Vincenzo Patamia <sup>b</sup>, Antonio Rescifina <sup>b</sup>, Luisa D'Urso <sup>a</sup>, Vincenzo Paratore <sup>a</sup>, and Placido Giuseppe Mineo <sup>a,c,\*</sup>

<sup>a</sup> Department of Chemical Sciences and INSTM UdR of Catania, University of Catania, Viale A. Doria 6, 95125 Catania, Italy;

<sup>b</sup> Department of Drug and Health Sciences, University of Catania, Viale A. Doria 6, 95125 Catania, Italy;

<sup>c</sup> Institute for Chemical and Physical Processes CNR-IPCF, Viale F. Stagno d'Alcontres 37, I-98158, Messina, Italy.

† The authors contributed equally to this work

\* Corresponding author: placido.mineo@unict.it

## Contents

**Fig. S1.** Deconvolution by Voight functions of GO, rGOxhyrin, and rGOhot second-order Raman spectra.

**Fig. S2.** Stability test of the photocatalytic efficiency of the NCC nanocomposite.

**Fig. S3.** Methylene Blue Degradation Kinetics in the presence of thin films of the nanocomposites exposed to visible light.

## Differential Pulsed Voltammetry Cyclic Voltammetry and Electrochemical Impedance Spectroscopy Discussion

**Fig. S4.** Anodic Differential Pulsed scansion.

**Fig. S5.** Cathodic Differential Pulsed scansion.

**Fig. S6.** Cyclic Voltammetry data for rGOhot, P4OH and rGOxhyrin reporting two consecutive scansions.

**Fig. S7.** Nyquist Plot for the P4OH, rGO<sub>hot</sub> and rGOxhyrin with an inset to have a better visualization for rGO<sub>hot</sub> and rGOxhyrin.

**Fig. S8.** Equivalent Circuit for P4OH.

**Fig. S9.** Equivalent Circuit for rGO<sub>hot</sub>.

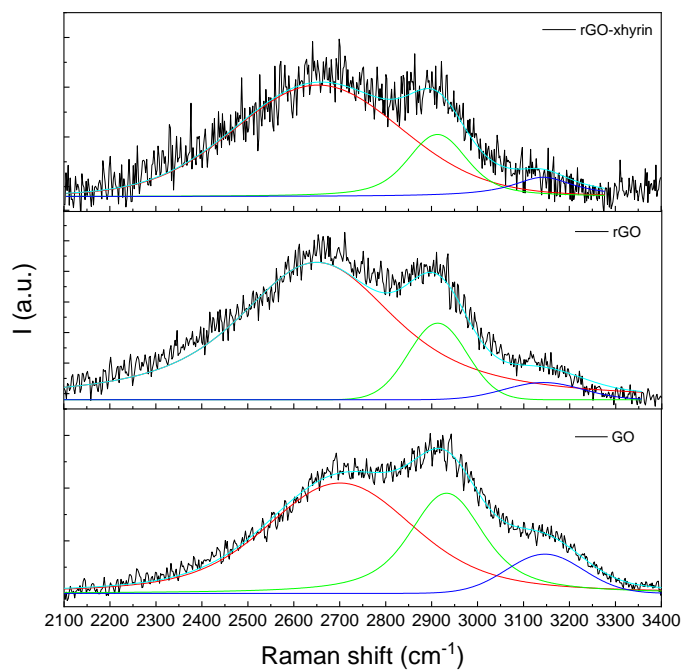
**Fig. S10.** Equivalent Circuit for rGOxhyrin.

**Table S1.** Circuit Fitting data obtained for P4OH.

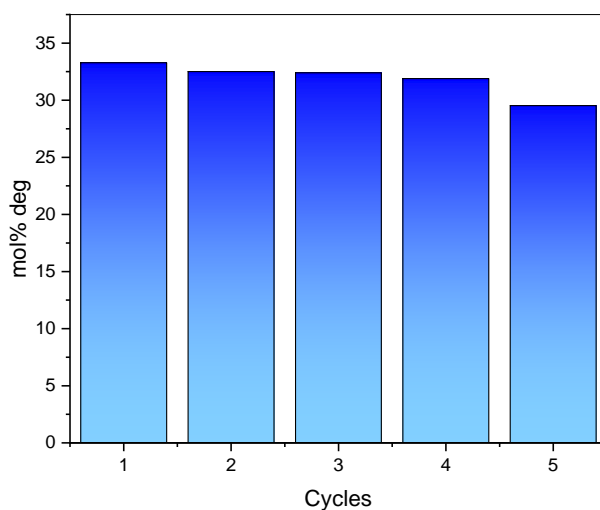
**Table S2.** Circuit Fitting data obtained for rGO<sub>hot</sub>.

**Table S3.** Circuit Fitting data obtained for rGOxhyrin.

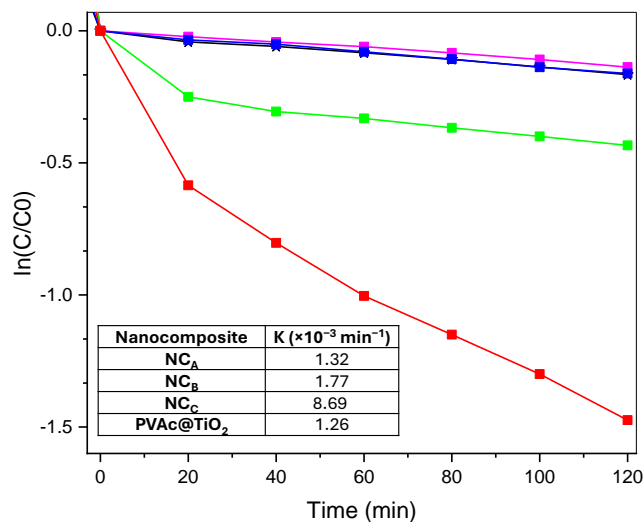
## Cartesian Coordinates of 2rGOxhyrin and 3rGOxhyrin



**Fig. S1.** Deconvolution by Voigt functions of GO (light grey line), rGOxhyrin (black line), and rGOhot (grey line) second-order Raman spectra.



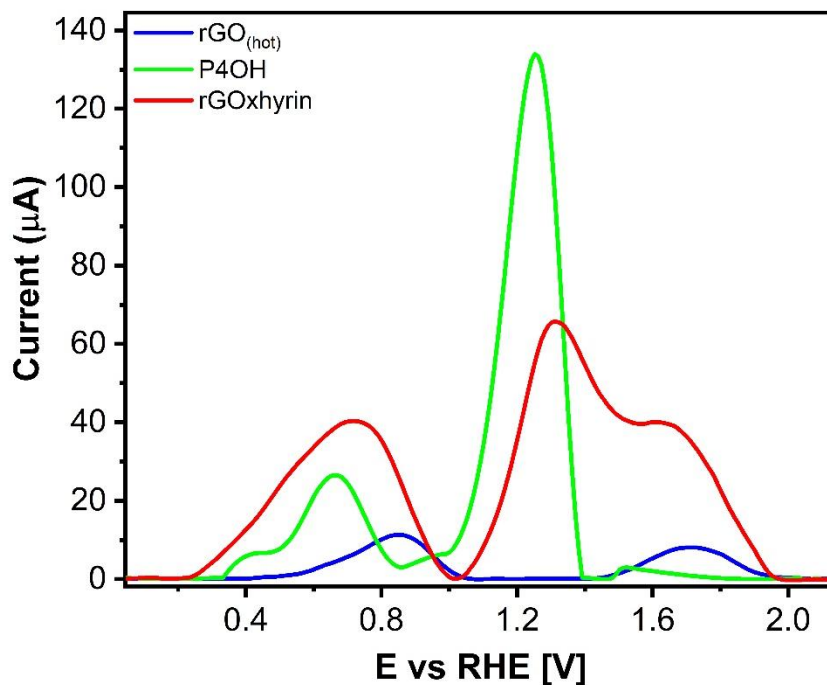
**Fig. S2.** Stability test of the photocatalytic efficiency of the NC<sub>C</sub> nanocomposite. The bars report the degradation of MB (mol%) during 5 photocatalytic cycles.



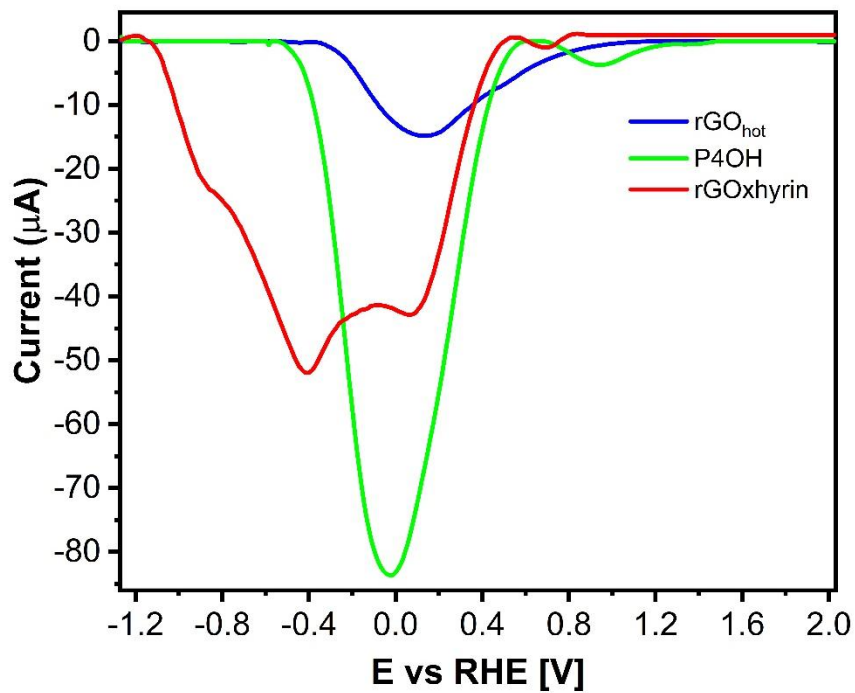
**Fig. S3.** Methylene Blue Degradation Kinetics in the presence of thin films of the nanocomposites exposed to visible light. The table reports the related pseudo-first order kinetic constants.

### Differential Pulsed Voltammetry Cyclic Voltammetry and Electrochemical Impedance

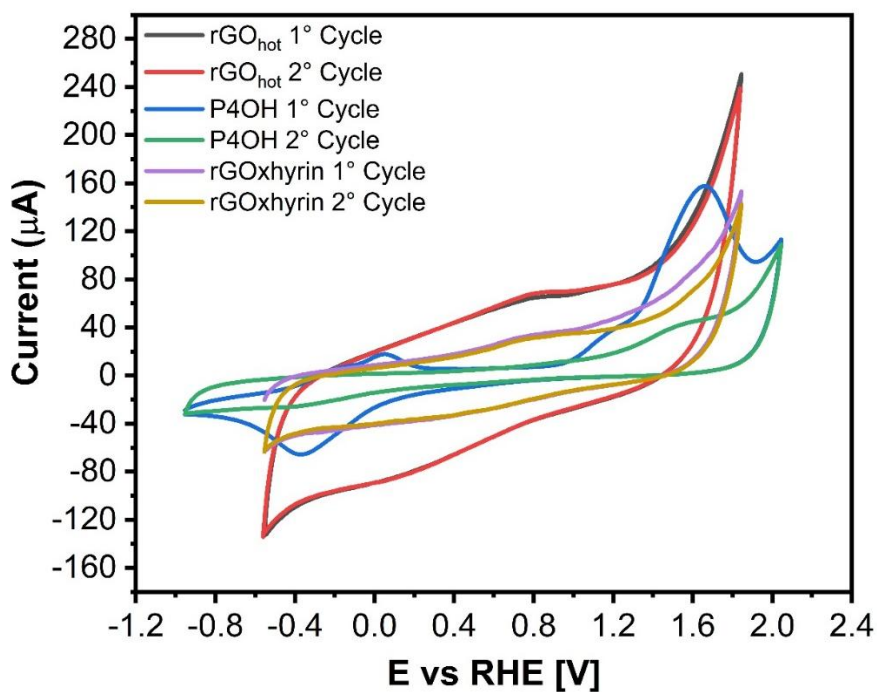
#### Spectroscopy Discussion



**Fig. S4.** Anodic Differential Pulsed scansion.



**Fig. S5.** Cathodic Differential Pulsed scanion.



**Fig. S6.** Cyclic Voltammetry data for rGO<sub>hot</sub>, P4OH and rGOxhyrin reporting two consecutive scanions.

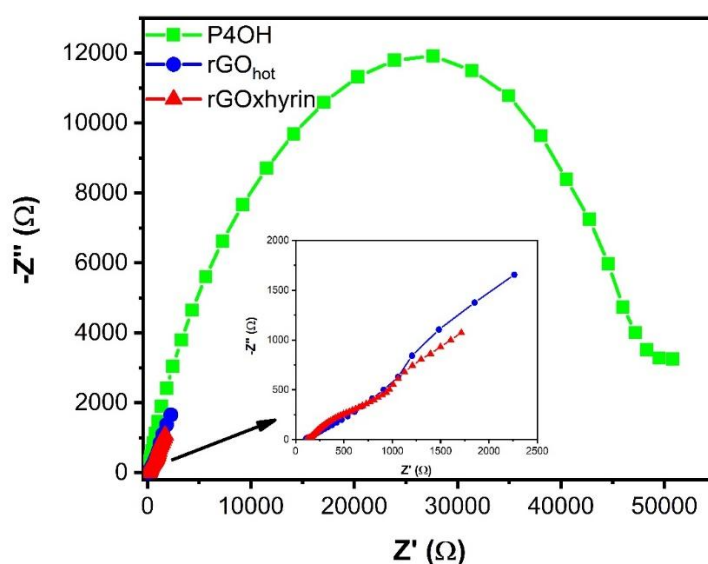
Electrochemical impedance spectroscopy (EIS) analyses were carried out to confirm the electron transfer properties of rGOxhyrin. In this case the analyses were conducted in 0.1M KCl solution with 5mM of  $K_{3/4}[(FeCN)_6]$  as electrochemical probe for the electron transfer (**Fig. S7**).

For the P4OH, the Nyquist plot fitting was carried out using the equivalent circuit R(RQ)(RQ)(RQ). This model reflects three distinct electrochemical processes, each characterized by a resistance (R) and a constant phase element (Q), indicative of the complexity of the electrochemical dynamics and the electrode/solution interface (**Table S1** and **Fig. S7-8**). The overall resistance ( $R_1$ ) was found to be 105.8  $\Omega$ , which can be attributed to the solution and the electrode/material contact. The charge transfer resistance ( $R_{ct}$ ) was associated with  $R_3=1028 \Omega$ , reflecting charge transfer at the electrode surface. The other two blocks,  $R_2Q_1$  and  $R_4Q_3$ , represent the electrode polarization and charge accumulation and diffusion phenomena associated to low-frequency response, respectively. The associated capacitance (Q) shows typical values for a non-conductive organic material, with phase parameters (n) approaching ideal capacitive behavior only for  $n_2$  (0.859). This result highlights the complex nature of the electrochemical processes in the P4OH deposition on the electrode, with three distinct time scales processes.

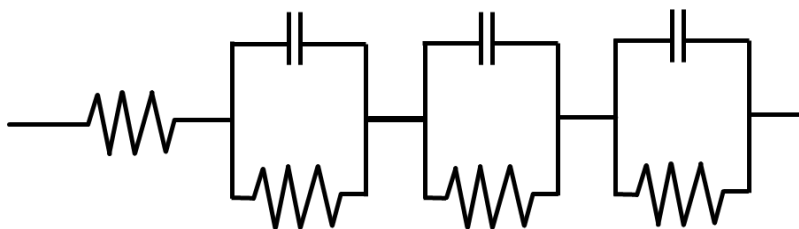
For reduced graphene oxide ( $rGO_{hot}$ ), the equivalent circuit used was R(RC)([RW]Q), indicative of a less complex surface electrochemical response compared to P4OH, dominated by diffusion phenomena (**Table S2** and **Fig. S7** and **S9**). The overall resistance ( $R_1$ ) was 105.3  $\Omega$ , which is similar to that of P4OH, suggesting similar conditions in solution. The  $R_{ct}$  was found to be  $R_2=10.02 \Omega$ , significantly lower than P4OH, highlighting an higher efficient charge transfer due to the intrinsic conductivity of  $rGO_{hot}$ . The element [RW]Q reflects a diffusion process coupled with capacitive behavior, with a capacitance  $Q_1=0.790 T$  and a phase exponent ( $n=0.319$ ) indicating a deviation from ideal capacitor. The  $rGO_{hot}$  system shows a less stratified response, with lower complexity in the electrochemical phenomena compared to P4OH and a strong influence of low-frequency diffusion processes.

The rGOxhyrin electrode was fitted with the equivalent circuit  $R(C[RW])(C[RW_O])$ , which combines elements of diffusion and charge accumulation, reflecting an interaction between the two starting materials (**Table S3** and **Fig. S7 and 10**). The  $R_{ct}$  in this case was  $R_2=77.28 \Omega$ , intermediate value between  $rGO_{hot}$  and P4OH. The elements  $[RW]$  and  $[RWO]$  describe distinct diffusion processes, with  $W_1=627.9 \sigma$  representing a prevalent diffusive contribution and  $W_O$ , with a high resistance value ( $R_3=190.9 \Omega$ ) and diffusion factor ( $\sigma=3481$ ), indicating a second step of charge accumulation and release. This data further confirms an intermediate behavior between the two initial materials.

The  $rGO_{hot}$  surface exhibits a relatively uniform electrochemical behavior, dominated by diffusion processes, which reflects the efficient charge transfer typical of materials with high conductivity. In contrast, P4OH displays more complex and distinct electrochemical processes, largely due to its organic nature. These processes involve charge accumulation and slower charge transfer, characteristic of non-conductive organic materials. The rGOxhyrin hybrid material combines aspects of both individual materials, leading to more intricate diffusion phenomena.



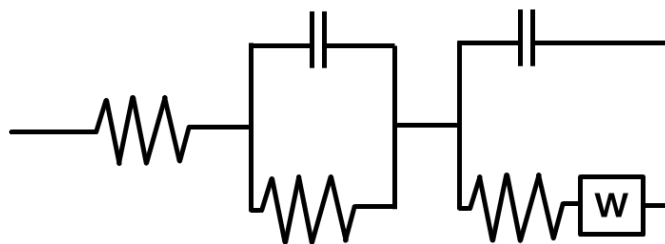
**Fig. S7.** Nyquist Plot for the P4OH,  $rGO_{hot}$  and rGOxhyrin with an inset to have a better visualization for  $rGO_{hot}$  and rGOxhyrin.



**Fig. S8.** Equivalent Circuit for P4OH.

**Table S3.** Circuit Fitting data obtained for P4OH.

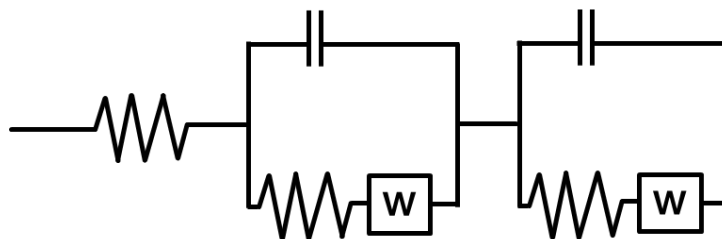
<b>P4OH Circuit: R1(R2Q1)(R3Q2)(R4Q3)</b>		
Element	Fitted Value	Unit
R 1	105.8	$\Omega$
R 2	4.10E+07	$\Omega$
Q 1	8.15E-03	T
n 1	0.633	$\phi$
R 3	1028	$\Omega$
Q 2	1.95E-03	T
n 2	0.859	$\phi$
R 4	8426	$\Omega$
Q 3	3.49E-03	T
n 3	0.774	$\phi$



**Fig. S9.** Equivalent Circuit for  $rGO_{hot}$ .

**Table S4.** Circuit Fitting data obtained for  $rGO_{hot}$ .

<b>rGO<sub>hot</sub> Circuit: R1(R2C1)([R3W1]Q1)</b>		
Element	Fitted Value	Unit
R 1	105.3	$\Omega$
R 2	10.02	$\Omega$
C 1	8.84E-04	F
R 3	1.00E-03	$\Omega$
W 1	1.33E+07	$\sigma$
Q 1	7.90E-01	T
n 1	0.319	$\phi$



**Fig. S10.** Equivalent Circuit for rGOxhyrin.

**Table S3.** Circuit Fitting data obtained for rGOxhyrin.

<b>rGOxhyrin Circuit: R1(C1[R2W1])(C2[R3W<sub>o</sub>1])</b>		
Element	Fitted Value	Unit
R 1	153.1	$\Omega$
C 1	1.64E-02	F
R 2	77.28	$\Omega$
W 1	627.9	$\sigma$
C 2	1.99E-01	F
R 3	190.9	$\Omega$
W <sub>o</sub> 1	3481	$\sigma$
W <sub>o</sub> 1	0.010	$\sqrt{s}$
W <sub>o</sub> 1	1.000	$\phi$

## Cartesian coordinates

### 2rGOxhyrin

C	-0.23071324121769	1.06972857831132	4.58416247788457
C	-1.43635171214154	3.19642739588128	4.80887495886971
C	-0.21975843117252	2.46819730551965	4.81702854738435
C	1.00229806537353	3.13423520960086	5.08622261942327
C	-2.63936332920484	5.31882598760681	5.06813659919658
C	-1.42780302531825	4.58732413343346	5.07597718267895
C	-0.21307909807835	5.24739675240530	5.38428169414801
C	1.00003728547265	4.52092514465668	5.39009253226398
C	2.20720192866208	5.18042712365382	5.73074629337847
C	-3.83568982958738	7.44164576466478	5.33014751739870
C	-2.63030332631970	6.71072888172028	5.33359592010883
C	-1.41649201466868	7.37392447890068	5.63138689822990
C	-0.21361304235172	6.63353361221429	5.68679698635764
C	0.98551699774903	7.28858519502973	6.04442463601776
C	2.19221773573059	6.55349467905917	6.08571808000512
C	3.38328839339268	7.20269625191343	6.48723422412837
C	-5.02443229947519	9.57782840393743	5.47341844674570
C	-3.81782113203096	8.84778431932770	5.50818379575734
C	-2.59913338271937	9.51598148399186	5.73430676514333
C	-1.40742850807909	8.76875898879518	5.86497345098816
C	-0.20674376346553	9.42488418387219	6.22627014932051
C	0.98135624681650	8.67681665900608	6.34113592340446
C	2.18268139797910	9.33284169316087	6.70420746563291
C	3.37615614701934	8.58498769903031	6.80461781224685
C	4.57369623488219	9.23956710475763	7.16924997915269
C	-6.20724800069293	11.71467204688384	5.47032558848205
C	-4.99890856091801	10.99377595944638	5.53602533430347
C	-3.76778728818763	11.64042799122019	5.73627752304342
C	-2.58954386855910	10.92755712168598	5.87806363562976
C	-1.35928235703744	11.59823630990849	6.21409716306694
C	-0.19161376440423	10.83058916930996	6.42840344507386
C	1.01384333916797	11.49009940048705	6.75052692875285
C	2.20044573399718	10.73249330649952	6.90809929088044
C	3.41362465394308	11.39646101706058	7.19532318738194
C	4.59724619563598	10.64355710790383	7.34793480314114
C	5.81861169818106	11.30504594528891	7.61608452259289
C	-7.33874354409116	13.82131430904265	6.03373740715264
O	-6.95753799428764	13.47816467890238	7.37701054036302
H	-7.63759482364359	13.84293942648873	7.95618255757292
C	-6.19763716589775	13.21022481231465	5.22841624066153
C	-4.93989594260122	13.89544589693652	5.69317713971733
C	-3.77761548796139	13.07971325936989	6.15433291708000
C	-2.47546869571528	13.77392331985869	5.79323869855162
O	-2.43693040157921	13.78890624069175	4.35325122221918
H	-1.61179250987276	14.20532321206142	4.07910916582593
C	-1.29775064874599	12.98656185598717	6.28650632671379
C	-0.11675084064252	13.65831959317313	6.61542549636306
C	1.05344173054491	12.90164884606195	6.85049523861049
C	2.27787159271921	13.57030317364549	7.09108174780759
C	3.45630938285354	12.81243452969507	7.27162601270331
C	4.68738960050406	13.47476047691769	7.47361154669763
C	5.86797523239025	12.71806963266968	7.66093583187534
C	7.10389672305431	13.37401002007984	7.86515556916760
C	-8.58179955034601	16.01809393078006	6.00772675084202
C	-7.36079091807719	15.32200012372839	5.94737935806013
C	-6.15397684046864	15.98758949045874	5.97108141613723
C	-4.92226283467894	15.22671393134739	5.94329719345565
C	-3.67500713229991	15.90937701501770	6.2322235277251
C	-2.48834750884270	15.20471063394900	6.25848268762392
C	-1.26335743589969	15.84265201066769	6.52030038326947

C	-0.07018125699551	15.08965788271720	6.67639687179003
C	1.14915431687059	15.74970940102812	6.90532535490399
C	2.33030049717238	14.98564320693707	7.09661274763435
C	3.56507570360986	15.64832444571484	7.26456583626066
C	4.74461850897318	14.89048130924458	7.45345522154330
C	5.99389414358965	15.53960224393781	7.60447986980000
C	7.16776261330057	14.78847918173650	7.83206759273585
C	8.40599501124775	15.44718834882854	8.01447151583318
C	-9.77442752016001	18.15338301293229	6.06477388712767
C	-8.55515416292064	17.43490507588933	6.07922277889888
C	-7.32020921993640	18.11916570573651	6.15228969541448
C	-6.11092414597353	17.39575793229733	6.13057300664367
C	-4.87171208903530	18.05914902472554	6.27016867502850
C	-3.66153565275850	17.32522629672331	6.35975826832592
C	-2.42754287333315	17.99459203034800	6.48329720159074
C	-1.22860990866318	17.25426001801674	6.60994823217904
C	0.01594877562507	17.90974920465726	6.75653619027236
C	1.20925001516315	17.17674076546160	6.89828398787764
C	2.46047207348049	17.84817723073398	6.99754100385023
C	3.63041812330854	17.06898074363805	7.19163806867204
C	4.89449389273506	17.69193653819371	7.25923289476400
C	6.07315143161056	16.94574547044443	7.49220614708975
C	7.32307480933055	17.60194241574280	7.62537407793950
C	8.48371926403543	16.86335475214960	7.92886835301514
C	9.72637068774486	17.52455791276981	8.11006657973086
C	-10.97250374141824	20.29016227295154	6.07913886455241
C	-9.73509366549816	19.58028770097787	6.12410636625626
C	-8.52774482460480	20.23855124005719	6.21211168739208
C	-7.29644470953032	19.54584245265782	6.23223622079361
C	-6.05648177694935	20.20091117595728	6.28706973364339
C	-4.83644604229814	19.47978144009263	6.30217304496240
C	-3.58601474379836	20.13885574946412	6.28901908945195
C	-2.38226596110928	19.42225277018220	6.37379912615000
C	-1.09925293901878	20.05241918228944	6.34536737408445
C	0.07218055130002	19.32745750538230	6.67050815548098
C	1.32021046406838	20.00398083176133	6.80825818071328
C	2.54375578769041	19.27945375846723	6.93271421964178
C	3.83745726333329	19.88739918347546	6.98934543902102
C	4.99809636212004	19.08275027155957	7.01166498470767
C	6.29575554447147	19.61827089997450	6.75355886782410
C	7.43955417001845	18.98884218169979	7.31642076205921
C	8.67106807754327	19.64481832694140	7.53334326165394
C	9.79272368461506	18.95248204065188	8.01433446363003
C	11.03211461407574	19.57920949243295	8.41240693974932
H	-10.94282219839239	21.36850605297035	6.13640157983273
H	-8.55760312574273	21.31985824254817	6.25973196758427
O	-5.96898757227819	21.55155497956754	6.32856477343380
C	-3.61056321825095	21.61573457498966	6.03511242240391
O	-0.96413323690839	21.32346572336690	5.96404812137627
O	1.22329927344718	21.31450818851719	6.82078249575482
C	4.12426035160260	21.33721942642768	7.08278855962532
C	6.46325747889748	20.60577329431754	5.71203636185898
C	8.75165915429521	21.11816890976151	7.30240665929196
O	11.21983196996761	20.90403604102088	8.58744880471508
C	0.98768946183514	0.34350681958641	4.59059301081514
C	2.21988214592168	2.40783203797556	5.10080679892449
C	2.21369088234073	1.01236279673846	4.84561137425005
C	3.42219820687369	0.27239018144042	4.93453939100503
C	3.42113939742918	4.45228126090185	5.75621341641911
C	3.43031172996420	3.06794653668831	5.44077035039678
C	4.62408469427555	2.31960924633573	5.58872380726682
C	4.61421963597440	0.91867336813031	5.35887068228573
C	5.76822102655426	0.15081814365944	5.66050697471608
C	4.58418269445647	6.46486612214309	6.56247145926697

C	4.60682545760316	5.09521899411927	6.19196771700482
C	5.79617097920490	4.34443043691161	6.34839950279356
C	5.79883916323155	2.95430885060854	6.06880957755880
C	6.94495971166396	2.18272615519904	6.38514967565611
C	6.91813038988054	0.77906360503173	6.20907599955906
C	8.03030047983797	0.00230791847069	6.62144754063375
C	5.76147103995883	8.48903233826333	7.30563602126912
C	5.76032199426438	7.10277895045912	7.02509752504066
C	6.94256484787237	6.35062307741188	7.19407847533849
C	6.95118065952874	4.96859790060006	6.88717997620232
C	8.10472583127855	4.20168060509732	7.16822177009256
C	8.08819238849236	2.80459243168849	6.94845755604367
C	9.20877195640102	2.03144921935205	7.32890855725339
C	9.17452055229508	0.62735101594217	7.17777656758405
C	10.30120112650620	-0.14344248495535	7.55843616247863
C	6.99745929777523	10.54936633591198	7.79519273194390
C	6.96178669637880	9.14110216929038	7.66956409024813
C	8.13903066398472	8.38749538327946	7.85440746626137
C	8.11596767455745	6.98726319847559	7.66256657810855
C	9.28222369685587	6.22832920410485	7.89283797870610
C	9.25781117337464	4.82947788357290	7.69695827053939
C	10.40824972762578	4.06508306817098	7.99111064533912
C	10.37184822373818	2.66202149490968	7.83856916375501
C	11.52190353523413	1.89836116631430	8.14277280297437
C	11.48288178042088	0.49244514042967	8.01373503129726
C	12.64786391362761	-0.26627312611464	8.27524005641078
C	8.27803056632825	12.61784652387666	8.07037140326000
C	8.22374193178916	11.20568618527381	8.04938613745943
C	9.40149877633682	10.45153864982866	8.24375719862500
C	9.35174260833911	9.04114474689311	8.17682511614362
C	10.52567527134780	8.28495154868642	8.37737753353131
C	10.47995908014449	6.87612550694101	8.27841618715020
C	11.64973373146047	6.11861188346044	8.49592529487014
C	11.60337372273264	4.71004650369662	8.39069134619171
C	12.77256598104035	3.95069733451829	8.61386114077385
C	12.72710856398973	2.54382579627382	8.51186632433548
C	13.90562545432359	1.78838142439996	8.71436292237539
C	13.86432850572196	0.38279494209643	8.60381625174602
C	15.05107466879136	-0.36753189139821	8.77292551436482
C	9.57346397799181	14.68793305516756	8.24375029069394
C	9.51563933177782	13.27435852438901	8.27132611605063
C	10.69267268885464	12.52182168285413	8.47336488280670
C	10.63555387421707	11.10907969148496	8.46826267690014
C	11.81266366710516	10.35362498219580	8.65992389541195
C	11.75324427670485	8.94205829755957	8.63439838560967
C	12.92890500673270	8.18585753153553	8.82392595834623
C	12.87337071209160	6.77459577459462	8.77425819504102
C	14.04864412274431	6.01387115037686	8.95372312794866
C	13.99785099802505	4.60502544765406	8.89037321525821
C	15.17910946562025	3.85064182200255	9.06249963784995
C	15.13321173101711	2.44212047511166	8.98347519279395
C	16.32144964981061	1.69357779486815	9.13798708314794
C	16.27930324738367	0.28874662463751	9.03341197974215
C	17.47118435600228	-0.46248185173765	9.17107757852850
C	10.87926633521175	16.75661041380656	8.37260830392802
C	10.81192503462479	15.34306881697615	8.42690680641171
C	11.98450287700013	14.59369847877525	8.64446483807604
C	11.93640851090652	13.18084748931913	8.66091227678309
C	13.11444557352834	12.42364015418119	8.84700274150550
C	13.05542779472755	11.01147689218699	8.85643259163914
C	14.23156399791002	10.25838129415795	9.05778861202218
C	14.16646364800019	8.84490969810079	9.04240834369753
C	15.33553403377705	8.07854522077010	9.22076387164854
C	15.28484091464767	6.67011077727843	9.17468623056146

C	16.46324110597392	5.91239708537375	9.33957811203972
C	16.41301960886849	4.50714019956074	9.29196358092774
C	17.59839676206358	3.75911303366094	9.46420069692973
C	17.55755473592352	2.35342978948650	9.38127975005207
C	18.74531504179889	1.59904280716714	9.51948272870320
C	18.70554278297759	0.19462348785379	9.40976653776274
C	19.89827265972018	-0.55600586676921	9.53501509663380
C	12.14439320852293	18.81550459493855	8.62004366656488
C	12.12175375094623	17.40603929099380	8.57958946262399
C	13.28700945600857	16.67166034708242	8.84189780713325
C	13.23539837819362	15.24763743633388	8.84285517575499
C	14.38527044952951	14.48461868797763	9.01293388374694
C	14.37008423956137	13.08641383614517	8.99252494775617
C	15.55120209048359	12.32684628829971	9.17781078759431
C	15.48980719076859	10.91582980959662	9.24901002323510
C	16.62788969008259	10.13336197268498	9.48806225536876
C	16.58139342016358	8.73594221059648	9.43481941309222
C	17.73872150374247	7.97437147184942	9.60544019910613
C	17.70466080031928	6.58006018914244	9.54193166372809
C	18.89082338861477	5.83294322521147	9.72761431761896
C	18.84415714703015	4.41516169040988	9.69738112303587
C	20.00202406696972	3.65175671258127	9.84965875132639
C	19.98564865073117	2.26213712929432	9.75372317243437
C	21.17617137386796	1.49343850712420	9.84419543364463
C	21.14521111405309	0.10838419585023	9.74840167582514
C	22.31948565320742	-0.68989099445764	9.90203787074610
H	13.06976182232740	19.31260514064336	8.85978137116773
O	14.40873174161669	17.35910896747968	9.05856942120209
H	15.330644434325252	14.98470190003089	9.12766448193895
C	16.88272330553270	12.97603777751997	9.13071943746830
H	17.58897475377004	10.60497180173018	9.59929695434735
H	18.68979377873097	8.46329659024372	9.72914778716126
O	20.02762061436920	6.52156378773887	9.82857160026081
H	20.94312120580640	4.14589532304044	10.03226005861361
C	22.46598706534486	2.20143941113519	10.04554634185806
H	23.25970407816362	-0.19820320095904	10.09092348119797
C	0.97265419120641	-1.06259260721620	4.38989581480628
C	3.41201101301625	-1.13125041684719	4.71490653856206
C	2.18753416565962	-1.79446492553483	4.42132896376061
C	2.16038779524831	-3.20773145975650	4.28167284565725
C	5.74592832920325	-1.25713106145759	5.48668847269828
C	4.58840357689402	-1.88986160369419	4.96451837248255
C	4.55651643797014	-3.30741013390272	4.84423619395174
C	3.35728762785615	-3.95726432460236	4.44834099338299
C	3.32913783103800	-5.37347010020557	4.34430092915870
C	7.99613381154669	-1.40607264719918	6.48446409841519
C	6.85936697171061	-2.03446718444608	5.91257985705711
C	6.82339329320206	-3.44301449643089	5.80115715119509
C	5.67428069989573	-4.07661376278084	5.25969091376428
C	5.62178718769792	-5.49152023849116	5.18008783352122
C	4.48424564330350	-6.10742546000558	4.66362671334616
C	4.56528049635120	-7.58253754113590	4.37076988251867
O	5.36198170922537	-7.74215870438673	3.18112275375614
H	4.90978608382553	-7.29425740405757	2.45684784350057
C	10.26605130236114	-1.54828970816490	7.42671756693947
C	9.10525552803816	-2.17926170841238	6.91148216338144
C	9.07266174220312	-3.58708541359415	6.78913977265079
C	7.92857997935987	-4.21846461998207	6.24854486522146
C	7.89357612632458	-5.63112255499448	6.15901276839445
C	6.73807848863418	-6.28079460831479	5.65740035741792
C	6.68623918219419	-7.67017614330842	5.67701007817261
C	5.36798721982970	-8.34269439740729	5.44030390190768
C	5.48461987998656	-9.78542332784125	5.04426757020884
C	12.61272301901391	-1.67076615830893	8.14583902425289

C	11.41425026474617	-2.31221467754957	7.75254353764323
C	11.38514997974415	-3.71789056109144	7.62024537567569
C	10.20350851876376	-4.35639981059865	7.17429648748445
C	10.17493274797482	-5.76109808985939	7.05923227764820
C	9.00195763744111	-6.40181111794116	6.58664936028792
C	8.96916324518350	-7.81038204806287	6.49662731156004
C	7.78756102944926	-8.45057041423870	6.05890542456142
C	7.76626514503978	-9.87109784450189	5.93784714015094
C	6.61757269390234	-10.51869435168237	5.41361896943055
C	6.62658142263370	-11.92091872286683	5.22566308423840
C	15.01395356326380	-1.77385022729529	8.65210992267921
C	13.79395951585226	-2.42557479575686	8.35340198397678
C	13.76508204843188	-3.82900196599491	8.21922955973219
C	12.55331399827747	-4.47642288147142	7.87685173483513
C	12.52734138678303	-5.88006843091721	7.73957269170503
C	11.32835854851817	-6.52487679483786	7.36126088285510
C	11.30475438786308	-7.93154284138516	7.22459756614356
C	10.11705545559019	-8.57884592369976	6.81845347977634
C	10.09635845033187	-9.98347925431558	6.67447496685046
C	8.91498691354480	-10.62831170199410	6.23253102350530
C	8.92397765839300	-12.03607233485950	6.03997501646696
C	7.77333668013017	-12.68156802275000	5.55319552924522
C	7.77458296882815	-14.08452326403089	5.36514980308145
C	17.42998411814040	-1.86568895452531	9.06604440547705
C	16.20290941147121	-2.52513994964168	8.80696479458579
C	16.17084840715189	-3.92946009057154	8.69255018763455
C	14.95174446963468	-4.58160353467841	8.39962438391825
C	14.92105589113510	-5.98748069391410	8.27515733212575
C	13.70838340646787	-6.63571685456021	7.95198918182784
C	13.67960802367267	-8.03953820927785	7.82538134525411
C	12.47569985491081	-8.68866144103055	7.46570909777218
C	12.45057843062144	-10.09152936233719	7.31949806117979
C	11.26379188883505	-10.74323695017006	6.92372453724136
C	11.25926425379170	-12.14824706034874	6.74763668960462
C	10.08984911270707	-12.79554244926897	6.30423969994547
C	10.10008262382770	-14.19615631115428	6.09185192307943
C	8.93984003942954	-14.84104291842232	5.62326135588433
C	8.94473236604783	-16.23985132113706	5.39889298244869
C	19.84999917924221	-1.95908879632393	9.44717051523612
C	18.61882876855321	-2.61657443943203	9.21954586693349
C	18.57959999391116	-4.02279138810373	9.15150375315300
C	17.36006505674151	-4.68503534534147	8.87853275680613
C	17.31578300577231	-6.09060926421394	8.80579468935431
C	16.10157971503363	-6.74448150591044	8.48850952857897
C	16.05761446466221	-8.14966286428352	8.41968503495166
C	14.85057141745853	-8.79750809292066	8.07405988131136
C	14.79916277596641	-10.20397874709183	7.99145040651235
C	13.61719276562772	-10.85078432567291	7.58448673574725
C	13.58949034206714	-12.25534789700329	7.46132770368833
C	12.42624150864320	-12.90892823525631	7.01120033613414
C	12.42490969412860	-14.31249633896674	6.83099407649270
C	11.26990459568698	-14.95696429708840	6.34874858201641
C	11.28279357125546	-16.35282251371306	6.10082701426460
C	10.12565878285726	-16.99215224406471	5.61425680539420
C	10.12158585098660	-18.38908920921115	5.36518607591751
C	22.26939358291321	-2.03559492942354	9.82800788428966
C	21.04052706920875	-2.71894225602473	9.60050907637643
C	20.99602464910566	-4.11089518292253	9.58323197967601
C	19.76245535753750	-4.78704222870231	9.35564636321888
C	19.68801589759815	-6.17674397562176	9.32926802527892
C	18.49491718227131	-6.85009001016006	9.06324391988227
C	18.41877022972045	-8.26541354211215	9.06234558418385
C	17.21878761447933	-8.92320066751998	8.73685064029430
C	17.08206070691769	-10.31359402761690	8.83884936410495

C	15.93885069023207	-10.97574381894496	8.36154965564589
C	15.87505441413850	-12.36407475423983	8.29942462584991
C	14.73938998666242	-13.02165895782730	7.80326890796829
C	14.69962246941148	-14.41109036341548	7.67691952286609
C	13.58510886096925	-15.07701398791228	7.16553314171280
C	13.55249632634283	-16.48626156469332	6.98839131071850
C	12.46533426048331	-17.11123391182854	6.35754464366644
C	12.48916981723833	-18.47824509025067	5.94922093785326
C	11.33356382541998	-19.12742645257339	5.52428689651538
C	11.30737096904500	-20.51857560837824	5.20858775746911
H	23.15769911305586	-2.63511044281728	9.94816529534975
O	22.15254381812336	-4.77217654758400	9.75764503032281
H	20.57661885255354	-6.76073461395106	9.50676566717551
C	19.65990413388145	-9.04596604440153	9.27025128562868
H	17.92189731886435	-10.92364033999555	9.12550556972613
H	16.73508215642802	-12.95004017616242	8.57919553004196
H	15.58024833914353	-14.97035628874559	7.94684117119180
C	14.64909100786986	-17.29865259389018	7.56100135115640
C	13.79272234327393	-19.17878068498024	5.82007951775090
H	12.21247707758907	-21.09575078959928	5.31661032877605
C	-0.26649429437523	-1.73879401565742	4.22829843098402
C	0.92469165517745	-3.88199186874470	4.10730729239744
C	-0.29089587331150	-3.15094193466250	4.09823643909441
C	-1.53841656862737	-3.82808304117902	4.00546580552819
C	2.09802042528878	-6.04058153477211	4.05287707360630
C	0.89838059552149	-5.30301086388990	4.00144309080538
C	-0.35628811397230	-5.97788059078152	3.93299787087675
C	-1.56865567585474	-5.24473494085288	3.94963058740784
C	-2.81552757359201	-5.92469415243185	3.95407086950872
C	3.22672648953156	-8.23443600315935	4.15287036135988
C	2.06317172222585	-7.46744669880068	3.97843455757116
C	0.81172360872570	-8.13645868753279	3.90502204498733
C	-0.39590365737647	-7.39288485914853	3.91228667112826
C	-1.64043787025857	-8.07202603330430	3.97686787464333
C	-2.84890151322144	-7.33934109556067	4.00793385695678
C	-4.08879799103620	-8.02073770494039	4.12319860313205
C	4.36453095717900	-10.39633740413927	4.50670443682848
C	3.19059467481197	-9.62466805705234	4.17467970502361
C	1.96166298803454	-10.29955624766428	3.99215766118046
C	0.76648190071696	-9.55060194853838	3.91975975220568
C	-0.47927315733393	-10.22794647610196	3.96580101910014
C	-1.67908749072634	-9.48740824237812	4.03312110840996
C	-2.91187786393074	-10.16466154778898	4.19296005565715
C	-4.11660440559457	-9.42999492481599	4.25916519743899
C	-5.34535192398104	-10.11020694883006	4.44615005325336
C	5.47154391816888	-12.56334661141063	4.74233994316934
C	4.32800969510051	-11.80798217170704	4.40455019961572
C	3.11673986569687	-12.46413154482898	4.10130439248835
C	1.92174416585337	-11.71460921840556	3.98274221723394
C	0.68335476827121	-12.38274297805494	3.95581213044079
C	-0.51819808469737	-11.63850420005391	4.00187348809334
C	-1.75031769027794	-12.31404451486044	4.14340945324293
C	-2.94494472468912	-11.57748479076510	4.27162714667617
C	-4.17217199272978	-12.25736513910876	4.45975438672682
C	-5.37120252681161	-11.52169935252826	4.57136053816812
C	-6.59865011489718	-12.20565654424143	4.74351455452742
C	6.60402092291355	-14.73346583127391	4.92976546940520
C	5.44631827652465	-13.97732168264143	4.64324328429532
C	4.25005710029456	-14.63125082428183	4.29988768827208
C	3.07245254480171	-13.87591284545064	4.08158695491015
C	1.83555765368634	-14.54260175126992	3.98495240258126
C	0.64123671572278	-13.79626028458606	3.97387337966061
C	-0.59526094674973	-14.46771494726824	4.04457943363738
C	-1.78849744193889	-13.72726621953814	4.16553472406251

C	-3.01710908910013	-14.40568619655336	4.30118783430278
C	-4.20938540483616	-13.67238509631428	4.47408882163146
C	-5.43955758432089	-14.35706236535961	4.60591264300848
C	-6.63245185774908	-13.62219904046843	4.76613334171727
C	-7.86485379683986	-14.30857699849608	4.87790149353537
C	7.76678571028700	-16.89037914287804	4.98821827481375
C	6.58671075620653	-16.14056656755802	4.78289756796921
C	5.38718885616410	-16.79424708183892	4.44689053144498
C	4.20868018915460	-16.04508566476393	4.25776417205627
C	2.98469854766582	-16.70666016781739	4.05299218939703
C	1.79360036263174	-15.95664144713877	3.98014255123163
C	0.55767963185310	-16.62385314508095	3.92293416121872
C	-0.63603660365515	-15.87975739853064	4.00039833372462
C	-1.87277878699341	-16.55165042194005	4.02852500919745
C	-3.06074848463624	-15.81779967172368	4.21227553236633
C	-4.29621603826094	-16.49404207169135	4.27915127895076
C	-5.48488480140190	-15.77064679115562	4.50362926157342
C	-6.72061711598565	-16.45410945994519	4.58030038426228
C	-7.90469059710308	-15.72340370863055	4.79864297601203
C	-9.13577584397817	-16.41385719028657	4.89357498681702
C	8.94938382309248	-19.03783311080075	4.94296997775029
C	7.75352646869506	-18.29502822590378	4.78651185337942
C	6.55194614864935	-18.94267686655299	4.44703123593075
C	5.35710734090974	-18.20494494446002	4.30944833014742
C	4.14383910357973	-18.86060486804642	4.03347679649119
C	2.94720665766925	-18.11903608954637	3.94965802049530
C	1.71716791890868	-18.77383520475205	3.75246261112654
C	0.51871406023209	-18.03448114613043	3.78934217144473
C	-0.72267870767700	-18.69126066734304	3.69059605875085
C	-1.91562586262515	-17.95651818769824	3.84463154480249
C	-3.15969798124514	-18.61494349610673	3.81587763726232
C	-4.34435952119816	-17.89476075733147	4.06836643965905
C	-5.58906603197177	-18.55972146578217	4.09280381076340
C	-6.77463518384296	-17.85987088477118	4.37922456919619
C	-8.00575312803084	-18.55782678631693	4.44676332738129
C	-9.17442349063483	-17.82987179973435	4.75904565630101
C	-10.40929033801395	-18.50491100216578	4.90731387498746
C	10.17666382659426	-21.15428221500500	4.80252097712704
C	8.92760297658326	-20.44782530883073	4.68273518889171
C	7.73712352694091	-21.06958887650500	4.37604052970843
C	6.52306046184115	-20.35705632140199	4.26120427006631
C	5.31957303137153	-20.98946113418064	3.96084268073595
C	4.11254384017848	-20.27849457392451	3.84753781761748
C	2.89291444290351	-20.89716066145083	3.55449403726983
C	1.68471600025012	-20.18473460002101	3.52094067829031
C	0.44468561195789	-20.79881733316738	3.30530585669835
C	-0.76208472105515	-20.09769086561576	3.42861842227899
C	-2.01319670155417	-20.72004103150322	3.33188719972581
C	-3.20556636519743	-20.01658076236028	3.53812699012120
C	-4.45995362712402	-20.64110743591188	3.49963877941968
C	-5.63830749407195	-19.94344749349425	3.77514238271750
C	-6.89509471388620	-20.61064005389145	3.71533018014350
C	-8.07646192968046	-19.96344966928233	4.14599725600566
C	-9.31987728706370	-20.62866109900386	4.36718831932873
C	-10.44926409746119	-19.92630739004933	4.79550765626576
C	-11.68328777580274	-20.57393948577029	5.08973629014023
C	10.32650316583767	-22.59816129538871	4.48882824815410
H	7.70974714872563	-22.13455760955743	4.21044539593753
H	5.30978938427163	-22.06041471883072	3.81652696270086
H	2.87488556351707	-21.96348303332275	3.38278284062577
H	0.41352734869099	-21.85628117402882	3.08829093121127
H	-2.06160478747403	-21.77793260074268	3.11829722285076
H	-4.52146037414611	-21.69147487696794	3.26255585013001
O	-6.81322787342014	-21.84976104186097	3.22058797069030

C	-9.48724630026159	-22.07705498050552	4.09280798489861
H	-11.72711400439324	-21.64855163531390	5.09843305555429
C	-1.48607978737987	-1.01020420973299	4.22394735409800
C	-2.75450225726274	-3.10039995028125	3.99877408493128
C	-2.72743090651134	-1.68570770119426	4.08772175271486
C	-3.94371114074696	-0.95611781052779	4.07205302379321
C	-4.03173701911356	-5.19789352764981	3.93685493835653
C	-4.00032585550902	-3.78217490949216	3.93012251236016
C	-5.21736814451822	-3.05527620577323	3.91493800811465
C	-5.18702882039955	-1.63859071886020	3.98442846127261
C	-6.40363956620525	-0.91087926307308	4.04631532530027
C	-5.30199923542056	-7.29495636494361	4.10626428958925
C	-5.27479170191298	-5.88450056798992	3.97177247053309
C	-6.49160535902380	-5.16183095447464	3.94211772178546
C	-6.46177566136298	-3.74397838076480	3.90437134902409
C	-7.67667481902174	-3.01638317238322	3.99234066002517
C	-7.64463559546972	-1.60154576978151	4.08129422966045
C	-8.84888451659255	-0.88084086199687	4.28596826135231
C	-6.55463411848788	-9.38128962909237	4.46519221152198
C	-6.53515846628552	-7.97917370018071	4.25775018045454
C	-7.75092118136921	-7.25784891544776	4.23525694524520
C	-7.72890179969703	-5.85115577120906	4.05973795474288
C	-8.94194404125201	-5.12403300185902	4.13573271290260
C	-8.91284371928898	-3.70655038911462	4.11415789714009
C	-10.11177612528884	-2.98306600948775	4.33385543264556
C	-10.07982826663603	-1.57137498700460	4.41603676686013
C	-11.28006642708696	-0.85439894160722	4.64193507313433
C	-7.80268178568522	-11.47262102209869	4.81802344964805
C	-7.78068989401958	-10.06364713568152	4.66816490557771
C	-8.99147782281127	-9.33748978524966	4.68116784086692
C	-8.97558017577726	-7.93870726734746	4.46070577795820
C	-10.18819382560309	-7.21577145604901	4.50837244526597
C	-10.16713036098601	-5.80723930562695	4.36336776268794
C	-11.36926432261950	-5.08028174379892	4.53373959468596
C	-11.33980116088509	-3.66822989560619	4.52168285859334
C	-12.54299851650922	-2.94734669488159	4.70388948547517
C	-12.51479118089131	-1.53804011854223	4.74439091243886
C	-13.72645477491742	-0.81491945553667	4.83462008692613
C	-9.06387305465933	-13.57576203392259	4.99997162471107
C	-9.03293353049381	-12.15931493219504	4.96614783234644
C	-10.23964362574574	-11.42928816100264	5.01288196907653
C	-10.21788868374902	-10.01953912816594	4.88413014910555
C	-11.42985894762584	-9.29603937127478	4.90836563145104
C	-11.41068782505048	-7.89104780854877	4.75402052855316
C	-12.62304197630858	-7.16767379904109	4.82062639725072
C	-12.59816645712846	-5.75999612178437	4.73562274256773
C	-13.80985575454478	-5.03807485232690	4.82183064987262
C	-13.78069633656607	-3.62911524159953	4.80317977022743
C	-14.99417604000874	-2.90518599987706	4.82519171420768
C	-14.96645871725683	-1.49542570398472	4.81785720601433
C	-16.17345081656995	-0.76583123207178	4.72889733280803
C	-10.32977269692582	-15.68194903178981	5.06196588177712
C	-10.29878132801063	-14.26408832660039	5.08798803878147
C	-11.50320791783350	-13.53188116085330	5.15416426659715
C	-11.47437965931297	-12.11712095196703	5.11773509482488
C	-12.68375290412441	-11.39091985919914	5.13060895845331
C	-12.66415032975226	-9.97958635334670	5.04646739121223
C	-13.87761934904298	-9.25521384304849	5.03672322234722
C	-13.86073980491501	-7.84776675083631	4.94943359910782
C	-15.07973095621039	-7.12976278120237	4.93254965631858
C	-15.05182897072370	-5.72116921220056	4.87955241058732
C	-16.26539548139022	-5.00012468024610	4.82879852255750
C	-16.23405226090615	-3.58876307168958	4.78955006337855
C	-17.43530367910979	-2.85616098894601	4.66449984396546

C	-17.40666610591856	-1.44791962829628	4.61466197838716
C	-18.60194013484675	-0.71496951990368	4.41784605200165
C	-11.59299408627675	-17.78173820354371	5.13536113781294
C	-11.56952897678101	-16.36469463474373	5.15709538800365
C	-12.77171850280794	-15.63187550170000	5.23204792456109
C	-12.74479957900960	-14.21730734907435	5.21020291209598
C	-13.95218667154357	-13.49236843480996	5.23200332779345
C	-13.92320406654926	-12.07883680137802	5.18338135389582
C	-15.12572327375045	-11.34730508820960	5.15741661143245
C	-15.11797494290189	-9.94006043867182	5.08149434922774
C	-16.33434980477879	-9.22436650407039	5.01730989504601
C	-16.32475619397448	-7.81651161106542	4.93982448933160
C	-17.54240995084081	-7.09985396181041	4.84998701856692
C	-17.50755174467951	-5.68909245089922	4.78081161892314
C	-18.70392100299770	-4.94840371377262	4.63880423760718
C	-18.67149751067693	-3.54142121604495	4.55602421791738
C	-19.86008103034974	-2.80443568962949	4.35435901765157
C	-19.83156774791073	-1.39932882318692	4.26963138738958
C	-21.02093022778878	-0.67169209690024	4.02297991616429
C	-12.82597698566952	-19.89127942407641	5.36755858072419
C	-12.84097423820553	-18.45274673245573	5.31272336011855
C	-14.00357609816961	-17.72362890483112	5.40574594209227
C	-14.01788874135764	-16.32172393551553	5.28785500079629
C	-15.22057091414803	-15.59466408824493	5.27655236485243
C	-15.20650402906224	-14.17922144217983	5.26580355053149
C	-16.38339085897064	-13.43008753806543	5.27045452829909
C	-16.36891181930723	-12.03718739134155	5.19297291078852
C	-17.56408831367639	-11.31537917456341	5.16816111927339
C	-17.57787234588286	-9.92609950323180	5.02012834932869
C	-18.79091248948141	-9.20525977357858	4.93605628983993
C	-18.79868198041203	-7.79959799377754	4.81241208433867
C	-19.97896829190352	-7.03899207320096	4.69103227908791
C	-19.95324521776297	-5.62964192737030	4.55765166351217
C	-21.11460446383090	-4.88044140155270	4.32770916015591
C	-21.09648805668840	-3.49441214261121	4.21552968621346
C	-22.270644446471564	-2.75244276628525	3.97059401476926
C	-22.25075922551901	-1.37967665342996	3.85967002944895
C	-23.42933559356284	-0.62524121278216	3.57267307101688
C	-14.04446090395173	-20.67653279322690	5.68597805163138
H	-14.93039462997302	-18.24981428330084	5.54098680966973
C	-16.51951103069326	-16.29479124543499	5.17867032771374
H	-17.34119383588714	-13.92245091012159	5.26779817590279
H	-18.48770830987613	-11.86774440540341	5.17752719311516
C	-20.02550803234127	-10.03105429434880	4.82837348054444
C	-21.33143649292887	-7.63835209527024	4.56480800177607
H	-22.06810498313536	-5.37373811638458	4.22456763544679
H	-23.20580079404601	-3.28207393780799	3.85950818492223
H	-24.35864957250044	-1.16059301635390	3.45730004594558
C	-1.46566609158989	0.39845655229801	4.37945490747467
C	-3.91945140463883	0.45683241483741	4.18959113389800
C	-2.68143673571783	1.12910398406976	4.36035341433896
C	-2.66424540351012	2.53311473475490	4.55724162061017
C	-6.37832845856250	0.50387731798050	4.15459379183867
C	-5.13544863001828	1.18885459740078	4.20638394735634
C	-5.11509401766138	2.59444402262628	4.39080615398271
C	-3.87807227081820	3.26372632671899	4.56289415742585
C	-3.86352071034326	4.65783508301646	4.81741374605161
C	-8.82101300654339	0.52908866323573	4.41170929624906
C	-7.58926334752877	1.22300413668181	4.32468669559248
C	-7.56601781153600	2.62844342349217	4.50540012481450
C	-6.32984308974625	3.31412957468898	4.52173476261509
C	-6.31280836928288	4.70662179920416	4.77800251581770
C	-5.07772547433557	5.38106823524477	4.89711913115548
C	-5.06424831037613	6.77238305010731	5.14892096930350

C	-11.25455742814798	0.55403054528735	4.74040197563085
C	-10.02292293836043	1.24237131513423	4.65072150636678
C	-10.00188436372206	2.64824751497001	4.79791385386291
C	-8.77054325006885	3.33802541729834	4.74534604779128
C	-8.75351827645185	4.73531424504061	4.95539405423386
C	-7.52084212544693	5.41877319716493	4.97319680647977
C	-7.50621276531644	6.81683678299433	5.19283016164669
C	-6.27594634161238	7.49541545367192	5.24782860003212
C	-6.25828289784115	8.90355545974291	5.40146247218055
C	-13.70264804825423	0.59399028130899	4.86852669652318
C	-12.46469126201501	1.27526905397148	4.87790008926735
C	-12.44554122930475	2.68399784373979	4.95602162396610
C	-11.21020776424020	3.36669483683451	4.96981780347296
C	-11.19548242887564	4.77454500057222	5.09378973256324
C	-9.96198071679488	5.45545450111443	5.12855065932931
C	-9.95018483220377	6.86216236078088	5.27852200330817
C	-8.71581882283582	7.54501202489599	5.32793474135254
C	-8.69845088279350	8.95193095718457	5.45662076367064
C	-7.46226736521566	9.63494265578006	5.48431542940802
C	-7.42444665859504	11.05435146462796	5.52882483082915
C	-16.14618809445048	0.64335706325312	4.70090155896546
C	-14.91337276563685	1.32277505863059	4.81905474814978
C	-14.88848042981332	2.73231639743841	4.82279045074745
C	-13.65815711524014	3.41370335755497	4.94576743179448
C	-13.63850672489302	4.82434827375017	4.98657012006909
C	-12.40912147922767	5.50519673985143	5.11563889564729
C	-12.39551214349396	6.91568553145013	5.18860153572807
C	-11.16332023559204	7.59178563091216	5.31229526604121
C	-11.14775121232396	9.00452375845236	5.39341724489668
C	-9.91666407274536	9.68089199579146	5.48375559243241
C	-9.89803587116067	11.09474643304894	5.55549195949707
C	-8.66665811141843	11.78619044544540	5.60474734095901
C	-8.65851615655377	13.16639033810000	5.75730879060668
C	-18.57152442918799	0.69058542016990	4.34499438824122
C	-17.34359099148772	1.37320854879569	4.51127845495704
C	-17.31182315330798	2.77962643926186	4.46565393309954
C	-16.08803620111803	3.46167709498063	4.65225716898564
C	-16.05566180596495	4.87041903470748	4.63833212833566
C	-14.84007613168248	5.55756785563163	4.84158699002240
C	-14.81830871717944	6.97088094886044	4.86278726531942
C	-13.60268902709356	7.65286037941658	5.07186885216744
C	-13.58866374153665	9.06729398376616	5.11870562033769
C	-12.36193701419740	9.74064832435260	5.31633052222653
C	-12.34564371342806	11.14813280646855	5.39464324534484
C	-11.10898420845880	11.82567565206794	5.55372684245020
C	-11.07891688030917	13.23364601715725	5.65654020104635
C	-9.84438703241073	13.90628120003491	5.80190992737300
C	-9.81841022300117	15.33195350610292	5.92525583554309
C	-20.98881615812003	0.72978730877064	3.92159484224535
C	-19.76261617382177	1.41800908757520	4.09043441276198
C	-19.72390924650814	2.82351899482164	4.00598131499698
C	-18.50335171017578	3.50776594567152	4.21475818769407
C	-18.46035376327206	4.91377787706136	4.17580375120493
C	-17.24673946186303	5.59880116521781	4.40403901581074
C	-17.21660471674218	7.00548020780097	4.40778913215747
C	-16.01489161332013	7.70492970544201	4.65377513810076
C	-16.00023998938382	9.11740730637790	4.69154123638498
C	-14.78981577302018	9.80628666341707	4.93594864405084
C	-14.77176520786963	11.22300140091703	4.99457800588265
C	-13.55156193654887	11.88599955785370	5.25871448116891
C	-13.50848063445953	13.29887861635830	5.35928998334339
C	-12.28912732439393	13.97243187401869	5.58201148831719
C	-12.25630110139830	15.38203656629945	5.67920284398608
C	-11.02419188764653	16.05714115201879	5.87206307331301

C	-10.99955551664386	17.47566575971365	5.95033975070266
C	-23.39580218227115	0.71787270589793	3.45250379992267
C	-22.18334193301695	1.46038614944789	3.62531356106265
C	-22.12334813344279	2.84240564805085	3.47665010729767
C	-20.91086564427731	3.55882393220788	3.70320809843005
C	-20.85067661759892	4.94785974748251	3.69272145147339
C	-19.65630252358609	5.64601495306602	3.92058149175385
C	-19.61007454474504	7.04287031579803	3.92902165811499
C	-18.41718863237928	7.73038893401739	4.16613819574165
C	-18.38612708217123	9.12886130648172	4.21078998714639
C	-17.21391394184436	9.84330508852895	4.46638699078891
C	-17.18743189840247	11.26503116897028	4.50390514917174
C	-15.97656059970423	11.96982566736323	4.75384865399739
C	-15.91333443021085	13.37895160277990	4.86780806279168
C	-14.69762171806115	14.04893809759194	5.16884540541115
C	-14.65849583281016	15.45440517562037	5.23928302963257
C	-13.45686861099338	16.12339536516030	5.51209187971031
C	-13.41423413514810	17.54774822657766	5.62560950852746
C	-12.21553280428671	18.21616494830759	5.86206146487308
C	-12.15031801929896	19.64237768435758	5.95886933491987
H	-24.30387419178736	1.25888023394782	3.24661667663077
C	-23.33058040858069	3.57683136534917	3.02406959436231
H	-21.73878026578843	5.52729560643608	3.49835861745605
H	-20.50863370326667	7.60946642354304	3.73523582678238
H	-19.31255119108024	9.63470615678671	4.00540806483802
C	-18.37905864909127	11.96154384334478	3.96598824251900
O	-16.97080255479699	14.19098145868902	4.66409026078094
C	-15.84720911613827	16.25580543296338	4.78812759639755
O	-14.57675433561957	18.19056481927903	5.45005212421610
H	-13.06319440401886	20.21938465555781	5.92218816980443
H	-6.84831348750552	21.95334871837868	6.32599443343332
O	-3.60010475820129	22.07753090162626	4.91586440562964
O	-3.55690945807915	22.37202512751135	7.12315897384382
H	-3.61077345629504	23.31158291310865	6.88134102538869
H	-1.70629494726524	21.63140496946034	5.42607689037018
H	2.07764025226704	21.78999339793198	6.63349071534711
O	3.51685416866201	22.25833848505614	6.55349418901160
O	5.15444490468297	21.61139607589928	7.87332785747551
H	5.37162959724696	22.55841588305352	7.86462339191159
O	7.50839608310279	21.14362222468821	5.39415869428446
O	5.35866019027126	20.81103425130549	4.95334249713763
H	5.58698619460679	21.41810779495184	4.23259887604983
O	8.04786706567742	21.92454769269198	7.89348731025634
O	9.76538534874073	21.47974703909406	6.53687839704447
H	9.77492446217961	22.44051977067770	6.41015090848035
H	10.44172895448437	21.39840534268479	8.90332720174912
H	15.11242779111706	16.84956195859511	9.50703854221538
O	17.83343171769319	12.71051866138785	9.82802393938634
O	16.98146563313721	13.89390557806706	8.15627746394304
H	17.87005451271009	14.28513612590670	8.16162362710185
H	20.70156323320911	6.08361962258074	10.38246490664291
O	22.72896549423494	2.93747863312905	10.96325986202215
O	23.34557479847626	1.95756486592709	9.06250895830586
H	24.17114646631985	2.44367495340235	9.22104438893459
H	22.00889023980184	-5.64127851336471	10.16679619968218
O	20.45097580110874	-8.89884529907497	10.17098516307350
O	19.86999711876147	-9.95428159301232	8.30293442190937
H	20.70396112351602	-10.42418853516176	8.46442143384346
O	15.83082848315357	-17.06453212915148	7.52045398077824
O	14.17007550715126	-18.36596818201813	8.22965029411572
H	14.90417947924247	-18.86914360790753	8.61872705874457
O	14.05812013549898	-20.30299173161982	6.16069013477486
O	14.68155698378050	-18.40561891568191	5.17272645786072
H	15.53404416291367	-18.86177899889632	5.08612803168745

O	11.03483053436586	-23.35387300681982	5.10211623728113
O	9.63764407374322	-22.99976207825673	3.40683618608180
H	9.83190686477901	-23.93362444192360	3.22678401837878
H	-7.67731316325312	-22.19960420954936	2.93431933522289
O	-9.30093186924584	-22.58648886527784	3.00257679606448
O	-9.88987541844613	-22.82785802882357	5.11768954310828
H	-9.99040353560659	-23.75038082220028	4.82644737838397
O	-15.19036934044600	-20.33317919478581	5.53670810488762
O	-13.74460708554839	-21.89554609692727	6.16746651269281
H	-14.56631616128270	-22.35313054716880	6.40409454489006
O	-17.51107369258859	-16.03607690286358	5.83033580238696
O	-16.53116594305511	-17.24483963893452	4.24431251339550
H	-17.38636717872016	-17.70385318650041	4.22993704375190
O	-20.20493804473386	-10.88407518627352	3.99826549824435
O	-20.93972500418053	-9.76377361930945	5.77156674871590
H	-21.63801220500600	-10.43855502786590	5.75213699127705
O	-22.24735316149187	-7.44227457845933	5.33776696339674
O	-21.48542284855543	-8.32329004097662	3.43681966494965
H	-22.38161044133063	-8.69012469741470	3.35673532988157
O	-24.44108303945926	3.47885180068647	3.48017742673512
O	-23.07616155378687	4.37697964206948	1.97259393202530
H	-23.89495390591534	4.81405173744935	1.68815966701930
O	-18.33380533475102	12.73007995044276	3.02136078023673
O	-19.53778707757322	11.68114654747058	4.55500151133915
H	-20.28038856856013	12.10769923498871	4.09481564958039
H	-17.47653046178733	13.92304725610060	3.87151225202255
O	-15.99467286972562	16.58126093021167	3.64021663256417
O	-16.69576143950166	16.60133175033590	5.76089681384778
H	-17.39756800144986	17.15160737217504	5.37995093002084
H	-14.59650435562381	19.05430485430118	5.88894129367161
O	-6.39408932377517	13.45914135406920	3.84148273468212
H	-5.56087698001952	13.28859258219851	3.38557291727701
O	-3.89344709411037	13.05857239596807	7.58279943075858
H	-4.84113445086750	13.00621343097513	7.78341220559441
C	-5.59620210383999	-6.01796316535062	7.19276339939783
C	-6.85976346290726	-6.55704324589364	7.11211012697824
C	-7.97241404197908	-5.73493052941271	6.98895232800546
C	-7.76943531272603	-4.37381652408661	6.82233221806362
C	-6.48901647461332	-3.87379086307997	6.73756644763702
C	-5.35345395325760	-4.65098268953174	7.02655410871636
C	-4.05367123263369	-3.98594682850534	7.17091441012453
C	-2.81092076307659	-4.63954239045693	7.15376814087790
C	-2.50327561883118	-6.02058509871918	7.19037275766521
C	-1.18401893727369	-6.15177571725778	7.50272169447719
C	-0.60154489562535	-4.85803410146445	7.53538593403039
C	0.76390076878384	-4.52936499241446	7.58118012350054
C	1.25541255795885	-3.20846610773864	7.57699968077348
N	0.59460418028250	-2.05788015588785	7.86040176459061
C	1.52382125608186	-1.07166524065680	7.84103016673487
C	1.35856642192920	0.28994000863084	8.17135248957328
C	0.09893443608119	0.90427809516145	8.17813667235706
C	-0.23267358882062	2.22933440846197	8.54715986960562
C	-1.54443551292786	2.44198437968012	8.24669963055707
C	-2.08463432043821	1.23549802430284	7.73640546880008
N	-1.05845035820951	0.33319311482776	7.73106427154258
C	-3.42466528810446	0.88652732793234	7.49235635786596
C	-3.83107265497121	-0.47179155297890	7.61864752484736
C	-5.09688356722183	-0.75715269299333	8.24533493492406
C	-5.26983022580129	-2.08790103700728	8.17715023502015
C	-4.11441748820769	-2.61296883023255	7.50135070891126
N	-3.21398744579661	-1.61967791086628	7.26554158164959
C	-4.52178638913746	1.84206903527089	7.36182366539731
C	-5.80888539866306	1.36652984341860	7.04043497981544
C	-6.94475527785653	2.09966507780358	7.29717261754153

C	-6.83306156971572	3.40561224293094	7.74964464677430
C	-5.57313111526592	3.99721135021923	7.73383038744255
C	-4.44460910228722	3.22899553871870	7.54928115986997
O	-7.93659832372371	4.07482877887087	8.21709656522075
C	2.56969760702438	1.07050052430273	8.45123009506445
C	3.73021784464904	0.44022914397576	8.92296281232039
C	4.93241126327345	1.09934977617958	9.03324486608100
C	4.98052479393598	2.47975858855360	8.88607754075101
C	3.81442870073252	3.15050958321336	8.54864295632996
C	2.66641004629583	2.44849865020576	8.24371545369715
O	6.15944029316387	3.11322961191289	9.08994119350631
H	6.04377426401792	4.06801210572826	8.99587594034914
C	2.80178112169144	-1.59687205159142	7.42371241800203
C	2.63396786592263	-2.91803972404452	7.25409994753190
C	1.75686589907774	-5.60949305630611	7.51587736326385
C	1.49594903735237	-6.82488764189915	6.88328696786724
C	2.45009353486702	-7.81180508403857	6.78022274480073
C	3.77412287588401	-7.52871673347728	7.08453638413508
C	4.06170079399217	-6.34330252581725	7.74855471100469
C	3.04861418658663	-5.45338509230745	8.03604215632740
O	4.74914414841620	-8.43657259015424	6.76344330457883
N	-1.62815516511354	-3.97978194193429	7.35322696529938
O	-9.20431545476586	-6.29191455982175	7.00755181704551
H	-9.87951779090383	-5.60615462663313	6.91922900182252
H	-4.80458431677323	-6.70015182976764	7.42399488051948
H	-7.00642293465754	-7.62173706618082	7.18569846493567
H	-8.61674259717779	-3.71048807705950	6.71119800683797
H	-6.37506342433854	-2.84089958435221	6.45309150370600
H	-3.14569149237472	-6.85334306725682	7.00910246248429
H	-0.71827680085939	-7.08150950601300	7.74540087961799
H	0.39947145527840	2.93017180796789	9.04694102949512
H	-2.05875415177947	3.34837029664384	8.47619185676847
H	-1.14864149797763	-0.63992449091295	7.46588261147129
H	-5.71663158957773	-0.03833544138806	8.72763855052408
H	-6.06438844573754	-2.67225660574554	8.58265633128249
H	-5.93039840094802	0.38370457189642	6.61920653938992
H	-7.92223393743008	1.65893004814076	7.17074401714125
H	-5.47849267539650	5.05676033810313	7.91809851023395
H	-3.50187238795844	3.73958391654791	7.56431429664168
H	3.69204690118143	-0.59442499882276	9.21825243022098
H	5.83748260500837	0.56726289875138	9.27776794686959
H	3.82022713399238	4.22875663034576	8.46901972890174
H	1.85137638952447	2.99479825737565	7.80456788375775
H	3.67901072375627	-1.02589047280872	7.21508329346061
H	3.35211003473123	-3.60550272898951	6.87080856072257
H	0.55711106735498	-6.99685111874457	6.39225645693435
H	2.18636297144896	-8.78162761302271	6.39081407541538
H	5.07680413158509	-6.12857610359330	8.04556404183021
H	3.27297150218237	-4.60038350129782	8.65335646174690
H	-1.54695633927336	-2.96955242599635	7.37746551757939
C	-1.28803675185296	-0.89534633020027	11.35933300404121
C	-0.21576922284061	-3.10085313322471	11.19399594407782
C	-1.39231923723459	-2.30428455597438	11.22506649729119
C	-2.66921614210100	-2.90877513682376	11.09214611111789
C	0.86504522731171	-5.29116649817942	10.89371933036546
C	-0.31010066715489	-4.49823728651351	10.97077288661127
C	-1.58277751596033	-5.09564214442570	10.78555436147422
C	-2.76172680499212	-4.30893075366786	10.87235313204741
C	-4.03071921488824	-4.91387402442500	10.69321209231562
C	1.95463536283639	-7.45004035544007	10.39934696536367
C	0.77629854204859	-6.67037300022969	10.56618326105739
C	-0.48829297538476	-7.25144549905126	10.33087296928993
C	-1.66878391220798	-6.47415256841190	10.46789317848953
C	-2.93126653289569	-7.06600542089705	10.22824020294033

C	-4.11137902872272	-6.29548969997366	10.37318251119036
C	-5.37166225368930	-6.90085391290226	10.14609670594583
C	3.05683698118656	-9.54723382405141	9.69795709990857
C	1.87029926899668	-8.78795754155110	9.95806338975470
C	0.60453954446413	-9.36521253701212	9.71409429424679
C	-0.57097415908163	-8.60116560585472	9.89393324058938
C	-1.82705301585677	-9.17194060734804	9.58454342872638
C	-3.00787620863390	-8.41474571552406	9.78511179519115
C	-4.25940770585318	-9.00492962435500	9.51220752737861
C	-5.44277733481879	-8.25825045594768	9.73202061925581
C	-6.69711491370663	-8.85797353695049	9.47882252223940
C	4.16401685282368	-11.62680691154502	9.01364424311109
C	2.98896188786897	-10.85817900823310	9.21322649434837
C	1.70716555590868	-11.48618038181474	9.02997477315800
C	0.50520109445810	-10.69528089295474	9.22865067607520
C	-0.71431478574263	-11.21658573889383	8.84960562632793
C	-1.89924281688069	-10.48329535979213	9.04495649372955
C	-3.15635737439205	-11.06982529929755	8.75772731184258
C	-4.32760740594927	-10.34034865784314	9.01732548730627
C	-5.59238366544131	-10.94724864117793	8.80387246194789
C	-6.76697004504852	-10.20534843973383	9.03202953286480
C	-8.02366825885286	-10.81307473954661	8.81016918716502
C	5.24394815086474	-13.76276400533981	8.52064593570961
C	4.10657453634607	-12.97411493702076	8.61494292464267
C	2.79028688056613	-13.54950387246474	8.18485976992953
C	1.61942975614016	-12.80137610202410	8.72264371654634
C	0.28500740481407	-13.49533512765174	8.74775376128677
C	-0.73618461955058	-12.54066695400350	8.10967178405510
O	-0.37188417310606	-12.29710212789354	6.74783400645548
H	0.59056523159773	-12.36532807982551	6.66678557644255
C	-2.09057622969582	-13.19252304331723	8.08381022015218
C	-3.23522000958243	-12.43422968858110	8.30974830463766
C	-4.50211904640706	-13.05801868341722	8.18022952585041
C	-5.67559101227504	-12.30580532461581	8.40542317531696
C	-6.93370041858532	-12.93546021872600	8.28879824930231
C	-8.10834324283749	-12.18314973900592	8.47249556006214
C	-9.36878762986793	-12.81469032350702	8.37131344255212
C	6.34070288231632	-15.94636108832850	8.11749448465549
C	5.15494957691179	-15.16530014919108	8.17507728373001
C	3.92141484948637	-15.77699776362219	8.01543337994074
C	2.69897741944545	-15.04382033147709	8.51028933137689
O	2.70967287100138	-15.13770134142300	9.93743609610212
H	2.44031272487054	-16.02611311746967	10.19483127138576
C	1.41572189524192	-15.59891101726482	7.95872940005287
C	0.27668620533984	-14.83259514291791	8.03755201287759
C	-0.97610001089095	-15.36023400216462	7.66648941109637
C	-2.16118709652266	-14.56201631270423	7.78280339090268
C	-3.42005448030701	-15.19374247332572	7.66693944520104
C	-4.59203823149528	-14.43713614191488	7.87038014449572
C	-5.85419986041181	-15.08275806037431	7.84745558729046
C	-7.02323335145350	-14.32900559315419	8.04396775460115
C	-8.28056629002661	-14.97458223401846	8.06333746076137
C	-9.45619401987629	-14.21700262218173	8.21328174735425
C	-10.71643410628433	-14.85528066994564	8.24873356256021
C	7.39768209910486	-18.15054949857561	7.93093346419568
C	6.24256917304451	-17.33278766577016	7.84615742373523
C	4.98785011524707	-17.91378581639424	7.57822094999621
C	3.81103195362728	-17.13690391116606	7.66387218188067
C	2.54517055015932	-17.73855370026665	7.44335443478988
C	1.36463724640300	-16.93927762695827	7.50787143542308
C	0.10898392165498	-17.50427699839382	7.22186906814227
C	-1.06935497511964	-16.72642209222979	7.31805214068337
C	-2.33952416317517	-17.34247675824309	7.18565619876122
C	-3.50916960930376	-16.58977607995564	7.40185408947680

C	-4.76849139668628	-17.23115214470156	7.43322699128545
C	-5.94103537573610	-16.48976752823847	7.68545987813855
C	-7.18847085976685	-17.14386250927370	7.81223184397937
C	-8.36164490841329	-16.38628899303624	7.99181200670680
C	-9.61555604247297	-17.02311773108381	8.15071699061332
C	-10.79826473674383	-16.26945984806081	8.24753377159223
C	-12.05850859900183	-16.91279420638240	8.35177798147467
C	8.47687391243491	-20.35605735512009	7.78026224994540
C	7.29491083286265	-19.55439270081144	7.68275952297461
C	6.06699684680401	-20.10298987748594	7.39850262479667
C	4.89427595006135	-19.31730650572806	7.37263933204201
C	3.63543595258643	-19.92218605123312	7.24944522411740
C	2.44522645050113	-19.14177102245425	7.21296077883388
C	1.16944249250468	-19.70196808159757	6.97978517060424
C	0.01987319740946	-18.89837639030657	6.93800309790995
C	-1.24914691306314	-19.47851797473047	6.69602323075058
C	-2.43712284950177	-18.73230228952849	6.87019214761450
C	-3.71568631609860	-19.32971319390849	6.80075238004678
C	-4.87158436002623	-18.63645761060705	7.22324485254638
C	-6.10255046319240	-19.28735359288719	7.45361070674116
C	-7.26544994733264	-18.57231938326923	7.79158342794869
C	-8.49926454989597	-19.18365689542763	8.11356022022190
C	-9.66874345527782	-18.43373514918375	8.30521707379746
C	-10.91288756330530	-19.04076908650088	8.66410407314628
C	-12.11754603219306	-18.33404019990119	8.53053348650323
C	-13.43191271734917	-18.92470509696671	8.58106019730213
H	8.39006324041584	-21.41103964940551	7.56617100664719
H	5.97472379878339	-21.16409976105681	7.22942928238646
O	3.64505122202323	-21.27449460112701	7.18854624230945
C	0.97663864914791	-21.18600865846303	6.97991868978238
O	-1.25399969827226	-20.77941348933834	6.37827225300004
O	-3.79719438014562	-20.61584845636062	6.33969879551164
C	-6.13892175567988	-20.77740187669757	7.43934761318298
C	-8.64519594365276	-20.66216330981775	8.13585834630880
C	-10.78527402854433	-20.24513914712945	9.53077165639218
O	-13.64329016302303	-20.26164179655647	8.61030212727484
C	-2.45761101343873	-0.09414047180044	11.31748746504567
C	-3.84777156717389	-2.11437275102126	11.12975790658870
C	-3.74114347702830	-0.70003588742906	11.21657769757805
C	-4.90595876088164	0.10572121834643	11.10639032138271
C	-5.21139675099342	-4.12692076480271	10.76169417490331
C	-5.12372526548408	-2.72305409117764	10.98105314038260
C	-6.29430037846105	-1.91646021238420	10.89496689308461
C	-6.18214966582943	-0.49907012009536	10.93568770184981
C	-7.30818984555104	0.30799308430407	10.59412733497302
C	-6.55245789123776	-6.12419119008243	10.24117909876920
C	-6.47083349723127	-4.73186395618440	10.51407978991231
C	-7.63542223316757	-3.92665735283796	10.41218220919883
C	-7.54140519569985	-2.51649118048842	10.55781038647465
C	-8.66115971759973	-1.70739182718023	10.22514199670751
C	-8.53928676115967	-0.29170491559689	10.22638937312734
C	-9.62607416269327	0.50667646921751	9.78343389768037
C	-7.87853638382861	-8.09681573114123	9.61747580519566
C	-7.80539764790031	-6.72337152819808	9.96277247601681
C	-8.97176009089165	-5.92515845125634	9.89183199166111
C	-8.87430586761106	-4.52029046858592	10.05289548988999
C	-9.99693911933967	-3.70871031873993	9.75750018351198
C	-9.87710679914356	-2.29872601990396	9.80213229373992
C	-10.97056587625151	-1.49254040866826	9.38289049500056
C	-10.84147369750937	-0.08851794134100	9.35904772054769
C	-11.92801927029268	0.71308369121545	8.90838196276773
C	-9.20058286374499	-10.05168644994924	8.94134073949660
C	-9.12515689984592	-8.68676065739671	9.30164576369884
C	-10.29355928835592	-7.90283148425654	9.28039806271609

C	-10.20754311500710	-6.51289352414078	9.52470292939244
C	-11.33925178371536	-5.70446076459365	9.27720744982552
C	-11.22123647157424	-4.29941439786027	9.35162162875433
C	-12.32615071802051	-3.49347676269884	8.98674414436212
C	-12.19361381475074	-2.08798486578604	8.97967704843807
C	-13.29596996875638	-1.28686860691519	8.59774112705115
C	-13.16116572141761	0.11846197093145	8.55727786936685
C	-14.28283384509460	0.92248436124078	8.22417124340075
C	-10.54146904958813	-12.04871237758821	8.47366991563730
C	-10.45293629692673	-10.65900815692475	8.70377799591401
C	-11.62432110392872	-9.88278259626675	8.71310934226550
C	-11.53054207280432	-8.49295813291777	8.93205353711766
C	-12.68156944479537	-7.69732877871269	8.78439796953468
C	-12.57037786749231	-6.29592562226666	8.89777720051255
C	-13.69524165820990	-5.49337881452416	8.62398276864063
C	-13.56313629566809	-4.08842325621296	8.63908572066439
C	-14.68303192557545	-3.28427200963217	8.33452638380460
C	-14.54713286520329	-1.88222771642969	8.30312476634270
C	-15.67815907575238	-1.07796556989177	8.02511918927645
C	-15.54554759010996	0.32561759642754	7.98440843644276
C	-16.68381622001406	1.13129198436205	7.74701646788538
C	-11.88917016932434	-14.08098255124608	8.31075059013629
C	-11.80535925370052	-12.67367764767987	8.38020332053985
C	-12.97857700207187	-11.89833538155838	8.39051734081372
C	-12.88215964618027	-10.49436947032189	8.50064518425481
C	-14.04299996985626	-9.70524763111569	8.42333739219544
C	-13.93015353742599	-8.30012884405723	8.50382404675380
C	-15.07364217678339	-7.49960046497364	8.32809339506477
C	-14.94874096203256	-6.09443779098223	8.34900152052223
C	-16.08275861991011	-5.28657731666490	8.12517589580531
C	-15.94607281867217	-3.88342044459322	8.10240624944275
C	-17.08267716791911	-3.07867705684017	7.88103442002908
C	-16.94860250575746	-1.67393082514034	7.83754669292876
C	-18.08915929204500	-0.86676715393660	7.62472096038404
C	-17.95669672486139	0.53410859394922	7.57325336327229
C	-19.09856338328387	1.34178713050529	7.35145865519376
C	-13.22780019699232	-16.12630810956271	8.36012032810107
C	-13.15224685430216	-14.71240465428606	8.31825656702383
C	-14.32591066012765	-13.93650640129775	8.28850351939120
C	-14.24741812406843	-12.52340835216058	8.29925568267113
C	-15.41136178337391	-11.73081948297350	8.22788240346157
C	-15.30945324853876	-10.32000465187635	8.25587761289124
C	-16.45978110604593	-9.51856330678889	8.11864899256501
C	-16.33943948798940	-8.10843051941088	8.13164990133998
C	-17.47303406093114	-7.29285739747265	7.95572195985331
C	-17.35378399996780	-5.88739387086908	7.93869569977001
C	-18.49432724177985	-5.07985691268636	7.74097648520865
C	-18.35631307839826	-3.67820349845543	7.71922890674612
C	-19.49523253106871	-2.86644658000185	7.53270452204405
C	-19.36957643502417	-1.46498166372275	7.48045863433947
C	-20.51046404270767	-0.65544310516188	7.27555618655130
C	-20.37558739272529	0.74483732589853	7.19303582285582
C	-21.51214876225907	1.55107535297042	6.94219275844370
C	-14.55475046876584	-18.15388544478490	8.51591043352474
C	-14.50141389325472	-16.74417561740246	8.42718102712775
C	-15.67040953093551	-15.98147333738427	8.31631122119697
C	-15.60549083855707	-14.55998895444395	8.22520056519246
C	-16.73759895344925	-13.76033660047138	8.06867294734481
C	-16.68888912721188	-12.35661211333836	8.11143817200868
C	-17.83802114491954	-11.54498013086174	7.96963891057948
C	-17.74474868243517	-10.12710631546555	7.96884697915817
C	-18.85679617572928	-9.29556478623863	7.81634704284764
C	-18.75163017216803	-7.89877887021009	7.79561025895151
C	-19.87020717300193	-7.08787290235692	7.57605814933056

C	-19.77387968864566	-5.69197010368890	7.55371288566605
C	-20.90817403549858	-4.87146509132061	7.34157284316378
C	-20.77745579297491	-3.45855231018061	7.37046034289470
C	-21.89589665946448	-2.64537592868247	7.18469789858739
C	-21.79821442236334	-1.25697134736992	7.15517005406240
C	-22.93228805022520	-0.42759561894241	6.94824813317138
C	-22.80137883763143	0.94857787916939	6.79689647433782
C	-23.91914152227846	1.79823218896302	6.53367620511306
H	-15.51492411573640	-18.64300776621350	8.51683249640013
O	-16.84065490490122	-16.63993056682704	8.34789347921370
H	-17.69888315743373	-14.23504979014640	7.95914717330882
C	-19.18344339280413	-12.16507865359680	7.97284108442852
H	-19.83932562712085	-9.72602887298905	7.73771643476517
H	-20.82636209561306	-7.57780763040006	7.47065140762757
O	-22.13405650553188	-5.36069602755291	7.14860006671877
H	-22.84890966769145	-3.12993875326421	7.05605080723582
C	-24.28157625876910	-1.04930787845973	6.93589586742082
H	-24.88892069811918	1.34761488344956	6.40489015069938
C	-2.33770161426641	1.32206852911897	11.33131572798614
C	-4.77531684206916	1.52410316252646	11.02186764682961
C	-3.49071430597031	2.12813958081680	11.16426511925824
C	-3.35616606753604	3.53553636656298	11.07393377377321
C	-7.16165299378160	1.71550490418482	10.46018154903786
C	-5.89542626377598	2.32236321692786	10.71811938440480
C	-5.76060208878471	3.74105280072381	10.62709557971368
C	-4.49588113085677	4.34482560041255	10.83714587562006
C	-4.36176152537096	5.74659550531399	10.70075486961456
C	-9.47979741416207	1.91358151461070	9.71135098126242
C	-8.25023281800384	2.48539885694438	10.01437193684904
C	-8.07060308084973	3.93646512537772	9.67472501566968
C	-6.85164338199489	4.55313943548928	10.28400125973243
C	-6.75302529228406	5.93918587246605	10.24170507644952
C	-5.49577978872294	6.55205783318370	10.44765886970004
C	-5.36343771639201	7.95584762988728	10.32082856866054
C	-11.80428529843441	2.12051309963945	8.86833101611841
C	-10.59157093408455	2.73101742378778	9.27466309767374
C	-10.51654207871666	4.11548095789159	9.31858044237796
C	-9.32737858955900	4.73283518427464	9.99917198189153
O	-9.51598656069560	4.63081216905754	11.42009039251947
H	-10.30368190922428	5.13401933046588	11.65620507878603
C	-9.13242884229129	6.18221518519460	9.65619022139789
C	-7.89081176087579	6.75334729877371	9.89043675441041
C	-7.75197541181344	8.16103918167955	9.82155647400152
C	-6.49967572871447	8.76319007119138	10.06735855960955
C	-6.38219004865613	10.16958228750615	10.05579023931108
C	-14.16176043002273	2.32533138977839	8.20378741201020
C	-12.91279266948004	2.92395101847133	8.50708009374466
C	-12.80458985914085	4.33070552832638	8.51915934043332
C	-11.58649737628352	4.92874580802795	8.91817012011071
C	-11.47433366492612	6.34775535968205	8.93132742461267
C	-10.23355752928633	6.95687191194302	9.26851588873012
C	-10.11043552546831	8.36521806001886	9.21992284087699
C	-8.87481786750986	8.96641875555589	9.53139462445264
C	-8.76972417443504	10.37877477512037	9.58227148194634
C	-7.52990185263343	10.97903023521744	9.87222065266439
C	-7.42303552284260	12.38768072569048	9.93008654480506
C	-16.55814916536994	2.53675815045012	7.72090698127528
C	-15.29586762998410	3.13380128548138	7.94146958360532
C	-15.18198661453022	4.54144563421145	7.95013649523178
C	-13.93097388494340	5.14126678269577	8.22661626073347
C	-13.82313774709117	6.54636057545756	8.27158042860503
C	-12.57866369584035	7.14736514817615	8.59132948775795
C	-12.47273031137822	8.56203781376700	8.62090042718312
C	-11.23839777372847	9.16877398269149	8.92804719124776

C	-11.13526158220275	10.57779888646182	8.99627346458228
C	-9.90629272276934	11.18207372064156	9.33627504243372
C	-9.81232759259240	12.58986002243081	9.42666069158354
C	-8.57376392894452	13.19157251665824	9.73195181593620
C	-8.45718724310816	14.60731005296022	9.70768592611267
C	-18.96585096446353	2.74232388738982	7.29626271841869
C	-17.69935479089952	3.34465884232698	7.49442034833845
C	-17.57987045433052	4.74863566673990	7.48120209345947
C	-16.32217572338642	5.34925532518071	7.72006439194150
C	-16.20835006029303	6.75686609235990	7.74767209598688
C	-14.95947020082763	7.35500844714653	8.02548220695363
C	-14.85366644443491	8.76315531122173	8.07691778740270
C	-13.60928383943610	9.36619615417795	8.37285168433519
C	-13.50471651687511	10.77241392076734	8.44734647677842
C	-12.27244254470066	11.38233189515796	8.76106118962086
C	-12.17911288722922	12.79063362458312	8.85657276804733
C	-10.94940491476475	13.39680575681316	9.17516721132694
C	-10.85028078322133	14.80799311653513	9.22710614578266
C	-9.59884754313426	15.40956442513669	9.46130708094125
C	-9.47907485906213	16.81843624380717	9.41038408546194
C	-21.36958802604715	2.94779355924890	6.85017543442882
C	-20.10137225640222	3.54798864071941	7.04137948660268
C	-19.97116922813284	4.94825429765510	6.97912823093392
C	-18.71788729821721	5.55802927103484	7.22126398308903
C	-18.58712813810490	6.96132536625592	7.19491875246353
C	-17.34420381591710	7.56764374182699	7.48912709126971
C	-17.22888340841391	8.97247681444147	7.50383731497388
C	-15.98815160427619	9.57164186128910	7.82105424365347
C	-15.86592803727719	10.97646576593649	7.86712375736214
C	-14.64177253005467	11.58011671424548	8.20665743330829
C	-14.54240537054197	12.98558380742820	8.29247213150600
C	-13.32284662090212	13.59763066115503	8.63378848274189
C	-13.23502754998961	15.00499825887928	8.73963108762448
C	-11.99824347586395	15.61660053588428	9.01704661450864
C	-11.89825608757512	17.02864933597321	9.07607501135324
C	-10.63434821572967	17.62543851363765	9.24559255147566
C	-10.50330167011515	19.03624688368216	9.23902617742928
C	-23.77505813255863	3.13481734583552	6.41041695152885
C	-22.50296109062334	3.75908395532911	6.56814322325580
C	-22.35894067020732	5.13902072349149	6.44217564767261
C	-21.09804965483577	5.76330293902096	6.66856468742932
C	-20.93171727262394	7.14281916132223	6.58776754397774
C	-19.71172460739846	7.77104057430519	6.85842159367946
C	-19.57115147419814	9.17826580212425	6.81531648660143
C	-18.35122870637114	9.79661679223150	7.17095050416278
C	-18.16945005713961	11.18388770842872	7.11344505609387
C	-16.98017571645740	11.79644416969935	7.52663267370796
C	-16.85234831757028	13.18443855836326	7.56231377700685
C	-15.67603965317760	13.79913729414615	8.00774737927257
C	-15.58133677852886	15.18496423723055	8.14461032325596
C	-14.39897140760932	15.80781080378603	8.54509441828096
C	-14.30277155168029	17.21277144096846	8.70469622854159
C	-13.07576946574366	17.83799654691994	8.96143435426405
C	-12.93203559117836	19.24946729773299	9.09865554665901
C	-11.67901586679579	19.84405718681892	9.18200276336368
C	-11.51181520588080	21.26022965249744	9.18832988029503
H	-24.62020387277259	3.76470197419072	6.18765562698566
O	-23.45510241228436	5.85275542442650	6.11884229809887
H	-21.76782199886834	7.77604794846958	6.33311332311388
C	-20.77039726985302	9.99307052347860	6.49014790450999
H	-18.97789178903691	11.82969018957298	6.81291371201671
H	-17.69682203486408	13.80349066497357	7.29817009026611
H	-16.45713356855299	15.77136931745892	7.92958151170010
C	-15.55150310699699	18.00431857825905	8.56590201992752

C	-14.13100192939026	20.12054647491178	9.25402909677891
H	-12.38296148814395	21.89119138223984	9.14182747760036
C	-1.05708511293360	1.92701465267788	11.43961345057307
C	-2.07480378778485	4.13982715468381	11.15215901642595
C	-0.92725547924970	3.33743529068382	11.35464805892431
C	0.35873187556698	3.94161530806003	11.37886862295580
C	-3.07801803713010	6.34633330606918	10.75372537987322
C	-1.93543737617911	5.54024259652818	10.96268661880895
C	-0.65164836808391	6.13639083957352	10.94437837247999
C	0.49610292605392	5.33557441840921	11.15562874621171
C	1.77985080550194	5.93350440830602	11.11604405726713
C	-4.09119869913346	8.55366955632246	10.40524470985923
C	-2.94258666056853	7.74222117035139	10.57371007422213
C	-1.66083775382603	8.33634443328664	10.54640593426390
C	-0.51343958648000	7.52780421633903	10.70848766122058
C	0.77010307249512	8.12306393915943	10.65792932456464
C	1.91771946582584	7.32234108681526	10.85612056801284
C	3.19840115734682	7.92486197366632	10.83381200697172
C	-5.11451587461524	10.77154367111668	10.19888075018720
C	-3.96276424823188	9.95932308046976	10.30261664588269
C	-2.68237920278790	10.55282181837366	10.29174323156152
C	-1.52997841022003	9.73682068857446	10.37170275105198
C	-0.24931780627594	10.32939901228970	10.32174426590808
C	0.90292645210768	9.51964033053881	10.45381564115960
C	2.18244715875836	10.12270655863742	10.45673711993511
C	3.33193048460769	9.32334079274793	10.64352533595936
C	4.60617600462895	9.93621281709315	10.71797064802530
C	-6.15323943720951	12.99040576947370	10.06973592182883
C	-4.99520979682191	12.18117371268788	10.17355575783461
C	-3.71408025806339	12.77344855360763	10.16827685194330
C	-2.55906899903579	11.95833843237373	10.19401913119920
C	-1.27845305321515	12.54773826726879	10.12396853233753
C	-0.12383368295102	11.73489455153436	10.18964270398056
C	1.15574223302201	12.33516015870478	10.20098452103196
C	2.30854055024371	11.53053884736093	10.34464774181175
C	3.57897489734296	12.14152395681477	10.45354476309405
C	4.72901924638652	11.34475597457377	10.64430615438854
C	5.99143898578326	11.96018878147917	10.81809726079417
C	-7.18203973835613	15.20604645773886	9.81757558247734
C	-6.02871897270900	14.39835698272249	9.97901694127649
C	-4.74643520059168	14.98731577206510	9.95175779988442
C	-3.59037575885091	14.17841027587602	10.04259804436241
C	-2.31117194384198	14.76567497314872	9.95962642379077
C	-1.15514023759107	13.95436306461190	10.01873375217484
C	0.12318516702350	14.55146207018948	10.01618981897577
C	1.27763532538940	13.74516210849925	10.13477544458224
C	2.54823544698241	14.35264580264919	10.24414769553686
C	3.69739255387824	13.55279501823052	10.41989533864797
C	4.95981260398521	14.16509350411096	10.59505449394788
C	6.10639268480996	13.37076606473925	10.80398789271138
C	7.36341696270680	13.98497572031363	11.01384334619948
C	-8.20731989274200	17.41384465322601	9.50577715812770
C	-7.05402417502921	16.60811892810866	9.66994584290046
C	-5.77392692755547	17.19543681356487	9.66884668922778
C	-4.61959126248231	16.38797336958514	9.78616285722680
C	-3.34056376686474	16.97932564858266	9.74652287662275
C	-2.18578993769440	16.17092200819019	9.83424963253837
C	-0.90790096211768	16.76795295694971	9.83747260097392
C	0.24522058183529	15.96250830702070	9.95374076438249
C	1.51660593024366	16.56635808744332	10.04785772253094
C	2.66591993445452	15.76512527094534	10.21434665399856
C	3.92993384858656	16.37323774426818	10.37054833718146
C	5.07569249558455	15.57609925195410	10.57006701010088
C	6.33693630688794	16.18666222668842	10.75314494716527

C	7.47755991995900	15.39508427325382	10.98968960050145
C	8.73392187504787	16.01028352681458	11.20316686499064
C	-9.23605910742491	19.63311455797611	9.30706068508302
C	-8.07842757902591	18.82319986458781	9.41946103376687
C	-6.80156422667234	19.40846231189900	9.46067086099348
C	-5.64555200641270	18.60281897144618	9.55624824404273
C	-4.37060117024301	19.19636603642812	9.57212921701553
C	-3.21462292156482	18.38981783506155	9.64979053937730
C	-1.93967652790866	18.98512454668005	9.67235860773665
C	-0.78522349066813	18.18100630273563	9.77454783934269
C	0.48616491326696	18.78137554243356	9.85786728144537
C	1.63557632574426	17.98038256300166	10.00961058794223
C	2.90273713002669	18.58324655278674	10.14653854810608
C	4.04752551062760	17.78715676806165	10.33494089352540
C	5.31406052046369	18.39102602046500	10.48849270034559
C	6.45463863118501	17.59826955521901	10.70255445203583
C	7.71187934895586	18.21056958399974	10.89853583493494
C	8.84748654375637	17.42327087577995	11.16376897437560
C	10.10287303384882	18.03657692311644	11.38672926756433
C	-10.28650796853569	21.84762377673396	9.16077028854788
C	-9.08613758118662	21.05607445403475	9.24584953864176
C	-7.83140396507601	21.61660155287679	9.30763098088628
C	-6.66680443662901	20.82748406155878	9.40997626655790
C	-5.40417785634884	21.40178630467349	9.46786529002853
C	-4.24386155988833	20.61922686122568	9.53954861324673
C	-2.97304081451083	21.19207263718876	9.58597880052603
C	-1.81605008367710	20.41003483915090	9.63306828721421
C	-0.54405638190140	20.98629681793587	9.68088260904692
C	0.60646253946780	20.20717244478047	9.81582590069916
C	1.87328108200164	20.78514692865315	9.94106849760030
C	3.01838885865117	20.00852954777482	10.12143702067352
C	4.28214240724106	20.58806676170718	10.27449159946068
C	5.42578297823750	19.81024389016882	10.42168967446949
C	6.70803705017364	20.40639613686688	10.48932122210965
C	7.82988042327611	19.62818887753422	10.81551543763193
C	9.07892489897820	20.22776920423711	11.10080393627230
C	10.19707941081693	19.46190428644606	11.38847579199634
C	11.46100290146261	20.05138096022087	11.67813089894929
C	-10.21711677405679	23.31130701096009	8.95694123309970
H	-7.71383953487358	22.68787490882243	9.27114595793565
H	-5.30898213575863	22.47693633251557	9.44191154482422
H	-2.87858426685031	22.26670842910131	9.59224613833754
H	-0.44965480930296	22.06069306759229	9.63818007365551
H	1.96380696975154	21.86101949928415	9.90938522957704
H	4.38044247382154	21.66175972726536	10.29546399525072
O	6.82351895577534	21.73401934879736	10.26543564441497
C	9.17276639211576	21.72065936699926	11.13179910817523
H	11.54402740719736	21.12712472714292	11.71409017149963
C	0.10611955765742	1.12140160592813	11.55273525552446
C	1.51241394739927	3.13992340498771	11.56273002833657
C	1.38595068618243	1.72876151588305	11.65261747736179
C	2.54927684342257	0.92516777577006	11.75498186769807
C	2.92733939305338	5.13948173075206	11.34418904670320
C	2.79416919014115	3.74617432144539	11.57698038115755
C	3.95089020152760	2.94737051413520	11.75490471543437
C	3.82886797517479	1.53654329198693	11.83998714539458
C	4.99828403016607	0.73448208278116	11.85126301142016
C	4.34641100845358	7.13201697765857	11.05712369289938
C	4.20972360954188	5.74333335599325	11.30802443436103
C	5.36147942492420	4.95212114324543	11.51747982588913
C	5.23195334142689	3.55645011088153	11.73551271213162
C	6.39760855500550	2.75703691334217	11.80265420985339
C	6.27915040180840	1.34776104935795	11.83098951692334
C	7.44704874232979	0.55628353957568	11.70649833628426

C	5.75486139606605	9.14400353158185	10.92861590542898
C	5.62466446210789	7.74170975170522	11.07193591055379
C	6.77524750300964	6.95215213338486	11.27809655670628
C	6.64300105126471	5.55643917196483	11.46431101681765
C	7.80267421644476	4.76357565785105	11.59319585506814
C	7.67664149695895	3.36248508705433	11.71390216179753
C	8.84313297165777	2.56946940152758	11.69583792580040
C	8.72529964428512	1.16535902147462	11.66182624559060
C	9.89494732330815	0.37906613306360	11.56776114678553
C	7.13955462666190	11.16851760699028	11.02928532896930
C	7.0226963552273	9.75965823106788	11.06203074723514
C	8.17260707758521	8.96926329764618	11.27011409122175
C	8.05135860255999	7.56374533237222	11.33918014853733
C	9.20620056244957	6.77405878046243	11.51521331224827
C	9.08198960515941	5.37025198422026	11.58662307523926
C	10.24421780359735	4.57869255157409	11.68707385620870
C	10.12266033186896	3.17505088983918	11.69002349565641
C	11.28899381266281	2.38252941715342	11.71972492157436
C	11.17358332094917	0.98147592192451	11.63568691222687
C	12.33866607284883	0.18546881371610	11.66046753325142
C	8.50929369678338	13.19402533127653	11.23765518616387
C	8.39752756455060	11.78403266892353	11.23863301728403
C	9.54470305834043	10.99166479921400	11.45098403400845
C	9.43568143927829	9.58284564153353	11.45017412467712
C	10.58707351601574	8.79112839573203	11.64685357685120
C	10.47714066908787	7.38385998539241	11.64808405765250
C	11.63275020796295	6.59011080489246	11.81313718404198
C	11.51891974310202	5.18474105595370	11.79406153253784
C	12.67736999726074	4.38883287296396	11.91794883082958
C	12.56227033970699	2.98516893558238	11.85422829436481
C	13.71906962338824	2.18352625605937	11.95935416608264
C	13.60663405338636	0.78144799810420	11.85537391575065
C	14.75725542879728	-0.02896330374077	11.97109325070027
C	9.87593439029107	15.22191902943665	11.43824401720060
C	9.76659687935016	13.80971438218059	11.45222123116630
C	10.91246044838612	13.01484608828806	11.65827459499071
C	10.80298271090303	11.60539627183797	11.66214369330212
C	11.95250351819454	10.81123209768456	11.85370481412143
C	11.84933461586330	9.40198065785934	11.84446881357685
C	13.00182731669546	8.60321846439399	12.01661180697224
C	12.90019475053605	7.19580629836767	11.99502395961391
C	14.05791405171376	6.39835102404388	12.14821079258479
C	13.94623617318922	4.99213607251679	12.10353691704095
C	15.09951757704484	4.18990199949978	12.24443928482021
C	14.98382344915284	2.78299637385637	12.17361514761056
C	16.12737069545313	1.96722833628744	12.31597740008948
C	16.01617925693122	0.56369740599377	12.22138409854376
C	17.15945671566120	-0.25740646771936	12.37116224151972
C	11.24580480120576	17.25423327065531	11.61279678274817
C	11.13766914276912	15.84046990296715	11.63127663470976
C	12.28307736121092	15.03954932842322	11.80352234651346
C	12.17970413535646	13.62889527889829	11.82709590082191
C	13.33326068149337	12.83479006359917	11.98085045734390
C	13.22103067272068	11.42443897874346	12.01140393129365
C	14.36949353886523	10.61951242801433	12.13643241028320
C	14.27238088346491	9.21129442721619	12.16669751401624
C	15.43013509274182	8.41261867467266	12.29519143620551
C	15.33246870339702	7.00440603906882	12.31070782092016
C	16.49240253053062	6.20353901218271	12.44389137385066
C	16.37168237558945	4.79446788194938	12.43220665539917
C	17.51181589615515	3.97035039836406	12.58038582222412
C	17.39300491955132	2.56450301180130	12.54219894810499
C	18.52865362944106	1.73959667281176	12.70413171779673
C	18.41851373207740	0.33575773532448	12.62775418108514

C	19.55981888688124	-0.48420390984250	12.79331226631630
C	12.58177373520056	19.30398729967170	11.85364385652149
C	12.52456221823144	17.86462703345463	11.81590200007268
C	13.63428889706101	17.06428026528801	11.96990426498434
C	13.55996470879717	15.65741293951947	11.91247939444189
C	14.71291153942152	14.85483023589996	11.95958773114333
C	14.62557141556301	13.44468880051802	12.03262184204472
C	15.75531550991268	12.61915113508306	12.05269412536546
C	15.65414729885641	11.23002720483020	12.14966269966964
C	16.79497594444742	10.41839927736345	12.16892668941466
C	16.71546202417858	9.03032402207505	12.34872524162556
C	17.86813780127643	8.22560067681925	12.46289144160755
C	17.78570972943132	6.81631205952815	12.57277889420427
C	18.90407755192311	5.97702528285977	12.73459209283331
C	18.79664279795017	4.56414604261638	12.75749280590809
C	19.90454018005283	3.72775599964968	12.95028162915236
C	19.79770110630262	2.33906687360797	12.93778322267150
C	20.91935230712583	1.50462407301497	13.12601483575729
C	20.82087144571278	0.13125070873698	13.05709408273596
C	21.95565377661277	-0.72091426371881	13.22002148470802
C	13.83353414580195	20.08324631606569	12.05477616742841
H	14.59859456654755	17.51904998367178	12.11733934006592
C	16.03698849293343	15.51404813454656	11.81822761937494
H	16.74773846678094	13.03999445037816	12.01495387812137
H	17.75387801511935	10.90941687448309	12.14753662394981
C	19.15340572449142	8.96833951576002	12.58907225641794
C	20.26990096748179	6.50687100627830	12.96986552277290
H	20.88635652728544	4.14759471046809	13.09645909660101
H	21.87895614101381	1.96637739711713	13.30369325304035
H	22.91221589322728	-0.25428061836240	13.40529531681790
C	-0.00842008772599	-0.29047711180035	11.49436631804629
C	2.43614212789210	-0.48751463880286	11.67695099774731
C	1.16157591134631	-1.09279486473815	11.52382493756021
C	1.05788011461285	-2.49922912463264	11.35680145401754
C	4.88847865048003	-0.67549380483147	11.73047873063929
C	3.60967771774844	-1.28844673434089	11.64922818173383
C	3.50713504041940	-2.68845288364477	11.44435165358260
C	2.23077089302213	-3.29788973569136	11.31287975730070
C	2.13499552419348	-4.69408952221217	11.08135474211335
C	7.33636863524247	-0.84502683648083	11.56640295506892
C	6.05848897672975	-1.46012415524113	11.56852660904763
C	5.95542108763746	-2.85480967398322	11.34750320861624
C	4.68142964116598	-3.47338099354591	11.30243461677098
C	4.58596434805939	-4.86625011396235	11.05304320846412
C	3.31313820132980	-5.48429841220019	10.95732216783509
C	3.22548622887098	-6.85400387800460	10.60969788922316
C	9.78494544259035	-1.01802459002798	11.42913876390060
C	8.50633510611901	-1.62251032946774	11.38865758778944
C	8.40339512410684	-3.01402343254730	11.18245465534223
C	7.12794227417236	-3.62529304550512	11.14026637050522
C	7.03202158683379	-5.01035795890906	10.88290232138129
C	5.76016393180471	-5.62917502075089	10.83012004475588
C	5.67095993284025	-7.00311622954099	10.50422266433355
C	4.40213950673593	-7.61272247921592	10.37462460342279
C	4.32294823113504	-8.95305876786797	9.92691417355251
C	12.22943520660125	-1.21223416223811	11.52433994860697
C	10.95662268965109	-1.80572234409200	11.36243180654065
C	10.85267488256681	-3.19840811894739	11.18259712525400
C	9.57750135191871	-3.79200281969562	11.04521704246716
C	9.48033920024793	-5.17895697735603	10.81621011096993
C	8.20771953968059	-5.77768782473721	10.69113882496561
C	8.11886745281312	-7.15609237850461	10.40499397412689
C	6.84811653105270	-7.75569158510135	10.26293674673519
C	6.76679922693860	-9.11387336358295	9.89407153594300

C	5.49900745604571	-9.70174124768828	9.69124382630305
C	5.42642706285218	-11.04963324079977	9.27390501821087
C	14.64871638050519	-1.42987199630204	11.84502065309918
C	13.38847552345920	-2.01761024507240	11.59308807205011
C	13.28144076727661	-3.41433779513199	11.43971208694049
C	12.01847265759273	-3.99835260338252	11.19417530601652
C	11.91525434312571	-5.39100819529250	11.00785437295976
C	10.65081932449542	-5.97224462626652	10.76972601845482
C	10.55498707246857	-7.35994288353485	10.54458339542482
C	9.29173785919547	-7.94163965116289	10.30601602146459
C	9.20290520392761	-9.32297931232742	10.02995847883038
C	7.94120061102032	-9.89408170472547	9.76490232366545
C	7.85937781093891	-11.26512447056517	9.43963298231822
C	6.59696842546166	-11.83396787001488	9.15027144578075
C	6.51484647425138	-13.19868616000724	8.80146724745660
C	17.05239544259656	-1.65831852402706	12.25999745931697
C	15.79527909127927	-2.24629439140327	11.98331962748997
C	15.68579486531507	-3.64460658185688	11.84769472983247
C	14.43153039798605	-4.22870932233967	11.55922055947713
C	14.31973667782731	-5.62632287035753	11.40196192530177
C	13.06821452500860	-6.20533416554771	11.10199436897825
C	12.96289107301464	-7.60114748448054	10.92273133965434
C	11.71051022973002	-8.17352749295953	10.61199547423297
C	11.60579189082028	-9.56542986744387	10.41074866623058
C	10.36010227421377	-10.13783866044200	10.07318957601123
C	10.26363368749924	-11.52665585183398	9.83034182779358
C	9.01471386285042	-12.07775774071072	9.47149170932679
C	8.92115083738166	-13.46202188207761	9.19405962202999
C	7.67924020479725	-14.00660950568419	8.80364203721552
C	7.58431793095479	-15.38404454472000	8.47434551237581
C	19.45352335955356	-1.88485051058936	12.69706535968549
C	18.19878303624600	-2.47876922674753	12.41772728653432
C	18.08900256762372	-3.87974659749732	12.28572502751990
C	16.83347562749823	-4.46562570284024	11.99655043962548
C	16.71455889796540	-5.86125175295988	11.84400795011206
C	15.46395979291005	-6.44847834626683	11.54653772980580
C	15.35463006545796	-7.84381070904051	11.37915253621119
C	14.10616401308722	-8.42512621633808	11.06651428922631
C	13.98940928348587	-9.82369294808465	10.90172063284270
C	12.74252212602863	-10.39321168104971	10.57198056297182
C	12.62094287292941	-11.79020721536005	10.39508413831378
C	11.39781221472773	-12.36459614683050	9.99597750196114
C	11.29634594613269	-13.76596739074773	9.80319897146632
C	10.06038136712029	-14.29732456461532	9.35873130459665
C	9.94169565296945	-15.67693106063175	9.08011001488081
C	8.72551366823533	-16.21120684357198	8.60091826973285
C	8.62090425508717	-17.59644726503984	8.32355136630066
C	21.85453691836392	-2.06402807510362	13.13530873911750
C	20.60301244752565	-2.71425805756592	12.88599407561289
C	20.48295835180195	-4.09658891141639	12.77202927054728
C	19.23846932971060	-4.71254795688455	12.43830872472649
C	19.09908178181941	-6.09155998777082	12.26832202350787
C	17.86700619738069	-6.68688009135124	11.97544274282531
C	17.74516649567487	-8.07380932640400	11.77866643333273
C	16.51162631892697	-8.67153387590276	11.51340281129568
C	16.38204701979494	-10.06080970915681	11.32441005808866
C	15.13005090286099	-10.65929057937253	11.10140019078050
C	14.97348391727225	-12.05410820592139	11.01478873144567
C	13.73784271210260	-12.62404158649187	10.64472666125553
C	13.63256028214538	-14.02898231576218	10.47905126230142
C	12.40670111043712	-14.63169986777630	10.09611685297133
C	12.19113380472217	-16.04059924596553	9.99336080498623
C	11.03110521820223	-16.54524043245828	9.36279749549308
C	10.93321854025845	-17.89862236628605	8.97853410911150

C	9.76803501059958	-18.43099453391073	8.47710634203313
C	9.65690289295752	-19.82033786750997	8.15288976029248
H	22.73772661243804	-2.67100875526431	13.24984245295696
C	21.64857338558454	-4.98345658194972	12.99875342143590
H	19.95515845762250	-6.74045875136792	12.35929648345568
H	18.62372025351796	-8.68960756273323	11.89506196622662
H	17.24397715990067	-10.68130238430146	11.51029986142763
C	16.02582187989180	-12.91339354195203	11.64355848498010
O	14.78708185856394	-14.66777341727670	10.66434182153288
C	13.01317998784990	-17.05097362534053	10.68017724833479
H	11.79428044087873	-18.54209389074428	9.06422385511841
H	10.54257275106309	-20.43186710545390	8.23939883959371
H	2.83993423779504	-21.65382033794840	7.55829827593587
O	0.80258286447931	-21.81090380670564	8.00258579126069
O	1.11971365191966	-21.78135197284044	5.79945528517055
H	0.94319459085706	-22.73275676225564	5.87975099170991
H	-2.17412426732181	-21.09348800816612	6.29544799180413
H	-4.66924183479488	-20.81102173691748	5.96510664023924
O	-6.63175220160473	-21.44535076353250	6.55273538339729
O	-5.50910720952062	-21.29749084730024	8.48129471090525
H	-5.63259054422506	-22.25888579744021	8.52999419199531
O	-8.15047362203418	-21.43811488624110	8.91692259599541
O	-9.45089074291563	-21.05228017959689	7.14919688272403
H	-9.55071598994400	-22.01800159766405	7.11432269814395
O	-10.27396661728753	-20.17475531652380	10.61545517817104
O	-11.28533284347560	-21.41975338975260	9.07478503167870
H	-11.13591847568885	-22.11017546933623	9.74187437098790
H	-12.81753542215024	-20.76020011622017	8.51131654366769
H	-17.51337715847685	-16.16514937872759	7.83346083638150
O	-20.08928419539287	-11.92185054695346	7.21203512577144
O	-19.34360184433609	-13.04510734727009	8.97548836618492
H	-20.24241190160907	-13.41160334100278	8.95705957543504
H	-22.13485283866661	-6.25794446296558	6.74949068350102
O	-25.09764258415714	-0.97401460358003	6.05363605056318
O	-24.52887316847042	-1.72153766956230	8.07163699505832
H	-25.41678824220853	-2.11307111810969	8.04331338209193
H	-23.24528607419622	6.79174372216037	6.02730487955507
O	-21.47889857862969	9.81244044336797	5.53254961600599
O	-21.09571145316329	10.95124011689243	7.38301120816694
H	-20.47635432878526	10.98514767970817	8.12440833284039
O	-15.73432824645750	18.88538561905826	7.75552388955717
O	-16.48763171338760	17.63971407352089	9.43699596380212
H	-17.27072272631270	18.20690032902269	9.35302236994118
O	-14.88743157005782	20.06026330935411	10.18960114645645
O	-14.26412695503777	21.03103680099243	8.28136277498968
H	-15.07892793110100	21.54171416003880	8.41436677357127
O	-9.34218665170993	23.89618606664461	8.36240661759244
O	-11.27528682011699	23.95908102439037	9.46361882838550
H	-11.20200024575168	24.90848250691700	9.27735648785184
H	7.29188667281297	21.89001090264759	9.40527981298363
O	9.62838646567616	22.39308444092060	10.23591439755813
O	8.76893408060810	22.22577475005404	12.28879966157886
H	8.82573520805130	23.19519672119705	12.27909786408798
O	13.87426109684665	21.12174041992287	12.66566685942693
O	14.90886588676875	19.56886211774395	11.45288526237901
H	15.67302353492795	20.15701829615374	11.56214836899929
O	16.32057383676795	16.19115860635977	10.85584809070697
O	16.92871506071702	15.33455052332675	12.79887143208381
H	16.59785628624879	14.76051829311682	13.50335653753088
O	19.41351389783379	9.75574916673872	13.46227576895098
O	20.00359136448921	8.72261130485961	11.58298648220025
H	20.81975661027722	9.24031660253427	11.67791125152715
O	21.22694381417341	6.30668927260675	12.25464363104332
O	20.36364153295242	7.17071334206380	14.12108276777864

H	21.26541641636658	7.49660307535497	14.27670864210161
O	22.01964715104720	-5.85529538515509	12.24713496109994
O	22.26433302932078	-4.76149827458040	14.16601875199876
H	23.00194329829953	-5.38319552390659	14.27796954548080
O	15.93596300760673	-13.29041078831899	12.78257551277152
O	17.11944263421314	-13.12155061828960	10.90412150555006
H	17.73084774669448	-13.70043975094403	11.38800955641529
H	14.72207384541398	-15.65376920336776	10.58197880232350
O	14.23138808316106	-17.13305752325585	10.72382562154148
O	12.26988486207349	-17.93860645772476	11.34201930274315
H	12.84122024938749	-18.58888728259000	11.78227351824060
O	2.67139405246381	-13.36827249917452	6.76403595940426
H	3.44294686198093	-13.77852995970718	6.35278511403299
O	-0.02766684192340	-13.71059019284853	10.12214912065016
H	-0.87634834223304	-14.16666703440506	10.17758148088103

### 3rGOxhyrin

C	0.66049280727917	2.41654689343076	-6.65291304782544
C	-0.38108053791555	4.64078103174808	-6.75572773896759
C	0.77375702335351	3.83147659840453	-6.59570389847943
C	2.01973007846447	4.43756589557713	-6.28754438220416
C	-1.44597618043627	6.85493485724222	-6.68078977371764
C	-0.27964759768483	6.05097845027948	-6.63438990199669
C	0.97054807960438	6.65767555774517	-6.35260954502030
C	2.11597262995138	5.84909326586249	-6.15847560587809
C	3.33605296216685	6.45240088844597	-5.75821640112123
C	-2.51597556380591	9.05736511159037	-6.50038425694220
C	-1.34994553764819	8.26306380258341	-6.54490702069179
C	-0.09066155068284	8.87622893856947	-6.34081581980625
C	1.05949057322665	8.06592754008022	-6.19056474842609
C	2.27954164621462	8.66646330496764	-5.80512980387126
C	3.41187718120600	7.85499898423490	-5.56452842619391
C	4.59951300944201	8.45239831822529	-5.07796962740360
C	-3.58723775418676	11.25324428759023	-6.27943232635775
C	-2.41993394958414	10.46931124229534	-6.39835994973783
C	-1.15854229219931	11.08757463791084	-6.30556603198342
C	-0.00149198611991	10.28119422377545	-6.19482693623611
C	1.22679564930843	10.88172658450885	-5.83413107086726
C	2.35437655134707	10.06928624925704	-5.60566929885394
C	3.55547875352576	10.66554618257680	-5.15030309001885
C	4.67070886542974	9.85159349756114	-4.86584327664538
C	5.85556748516400	10.44807222385408	-4.37732860279066
C	-4.66333386629148	13.43740425651928	-6.05968451482202
C	-3.49450299742836	12.66739155985901	-6.21734745501343
C	-2.22844980462942	13.26801457397416	-6.1717775597756
C	-1.07758497026678	12.49839583746767	-6.17028506697790
C	0.19114480746148	13.11307630430279	-5.88810018400455
C	1.31150060235859	12.28766578865618	-5.65566134487549
C	2.52302616041828	12.88399143663960	-5.25335788489877
C	3.64259982570034	12.06563258880145	-4.97755143508136
C	4.85018320262494	12.66423845062007	-4.56012144965206
C	5.95727001593448	11.85262281164101	-4.24814622362239
C	7.17764836248128	12.45392858029000	-3.86181360307758
C	-5.57810785605206	15.60007523309759	-5.29994740577775
O	-4.95896587369592	15.27046052501043	-4.04413997344718
H	-5.50754448252724	15.65093629860548	-3.34627375134649
C	-4.63747836634239	14.93046100731199	-6.30399959798285
C	-3.29167455130664	15.56598130218867	-6.07143569462404
C	-2.12847802818872	14.70049167185598	-5.72958057817888
C	-0.84403591545366	15.34503142488241	-6.22702760918921
O	-0.91297928333468	15.34267012060721	-7.65786988142633
H	-0.11541582177664	15.76235360798715	-8.00062888698885
C	0.31527404201334	14.49669668498483	-5.79817599550246
C	1.51399333186153	15.10531004977273	-5.43574844945263

C	2.62643434992225	14.28816522858039	-5.13854644025265
C	3.85951261243068	14.88619301340753	-4.79766083624712
C	4.97032626314538	14.07368138682847	-4.49778570331358
C	6.21094328909114	14.67139579587474	-4.18982680235337
C	7.31711031515112	13.86104660503446	-3.86335999855893
C	8.56699871786354	14.45909517306067	-3.58851367054288
C	-6.75456126538444	17.84300539931330	-5.27528036509951
C	-5.58098867728516	17.09451537623096	-5.46806095660978
C	-4.37351609229518	17.71052019221482	-5.71070279596171
C	-3.18912475372902	16.90099834593907	-5.87535066133435
C	-1.90155325136003	17.54857072663033	-5.72575187251893
C	-0.75724719049703	16.78079100535722	-5.77297092939173
C	0.49713021776840	17.36091692759802	-5.53943923940769
C	1.63127562992527	16.52939346330000	-5.36190222176890
C	2.87115971462743	17.11064490729211	-5.07819501701583
C	3.99532299321602	16.29082668339699	-4.81456917275509
C	5.25531574782598	16.87844970148580	-4.59328873772097
C	6.36219940238262	16.07509131481994	-4.25535412868763
C	7.62083858101088	16.67119164931114	-4.01276230186257
C	8.72497317855623	15.86480568684574	-3.67717144877686
C	9.98516077702801	16.46250283117783	-3.44208110154645
C	-7.86212508878186	20.02472562981569	-5.32226265273354
C	-6.68059694108140	19.25440666474947	-5.37991648797517
C	-5.43307277316246	19.88498708890117	-5.54562300040009
C	-4.25948407178452	19.11865141242161	-5.65165792270947
C	-2.99665284092631	19.74531825076482	-5.62931409966147
C	-1.81304282730328	18.96303676761230	-5.59390356757386
C	-0.54990991944255	19.58369585996365	-5.49918049726424
C	0.60626065399491	18.77068310335927	-5.42494525930301
C	1.88274345829056	19.34737747071623	-5.25203401677296
C	3.00859284762180	18.52325061066407	-5.08445252692337
C	4.29359066328957	19.09404996157721	-4.96936295869720
C	5.41610742255757	18.27735704557211	-4.72456113947053
C	6.68446104396357	18.86111583588649	-4.53354738574852
C	7.78662056508981	18.07079620127363	-4.14904410359695
C	9.05579268336300	18.66644339341849	-3.96050809481385
C	10.15449206828383	17.86689362193569	-3.57565188843537
C	11.40926240553584	18.46715610357755	-3.28376746011797
C	-8.99813689123011	22.18502002604304	-5.50615924333562
C	-7.78172258269511	21.44006697481813	-5.50208887514610
C	-6.55373449765204	22.04523539082606	-5.67522717654441
C	-5.36101761710099	21.29884083842665	-5.66958138037005
C	-4.10089478124207	21.90603932783016	-5.81045596262662
C	-2.91051902259129	21.16358006291398	-5.60973727653389
C	-1.63585185155086	21.77314784295062	-5.41693331593397
C	-0.44003978314281	21.01574624401196	-5.42430120592161
C	0.86377750548189	21.58004040781141	-5.27768587151086
C	2.01889993994167	20.76201888590454	-5.19965029015608
C	3.31537011028677	21.32225283917647	-5.06878064253728
C	4.45921590205275	20.48979848014286	-5.13541719377683
C	5.77870703906087	21.00464648846441	-5.27041307624142
C	6.85757657977759	20.25129958816095	-4.74083834174298
C	8.08555177213725	20.86483082008102	-4.41444476805484
C	9.23117059238518	20.06643921855981	-4.16583912165712
C	10.54850093690649	20.60274717690638	-4.09720366468537
C	11.59073982339167	19.87605642605107	-3.48198745419241
C	12.83124137966012	20.44862070897466	-3.01677105409781
H	-8.93899377626119	23.25029765911638	-5.67334505947050
H	-6.49381602409123	23.11475478144288	-5.80068652930151
O	-4.11646562140322	23.22487788873492	-6.15162826236168
C	-1.66852571526485	23.24125634199276	-5.20311099357991
O	1.10224383769685	22.89134547084306	-5.26385980255168
O	3.45417381242022	22.61868777814124	-4.80581146654906
C	6.09056500626286	22.06030426844846	-6.24161080551268

C	7.97342357773578	22.28596182677004	-4.04653720980302
C	10.79923548161634	21.77463256328074	-4.96718838986277
O	13.03890277453184	21.76568226229258	-2.88595521008817
C	1.80166612028448	1.60632326367266	-6.42542653726390
C	3.15301364667074	3.62779611194633	-6.02480671199590
C	3.04136158790794	2.21385395638216	-6.09411485460060
C	4.15048282882034	1.40166816290132	-5.74382673465492
C	4.46037881730434	5.64149495760275	-5.47321620788610
C	4.37038543655224	4.23184511774788	-5.61135977158259
C	5.45832232362312	3.41932245872187	-5.20569454023976
C	5.34136886831715	2.00561331822994	-5.25923001760813
C	6.38092949555359	1.19737308912430	-4.73630194618233
C	5.70732905476529	7.64159577740417	-4.75522302002520
C	5.63632660450196	6.23863706133333	-4.95051475467475
C	6.71172784718796	5.42524746372939	-4.52162108257525
C	6.61466547857060	4.01598690292548	-4.63693414604551
C	7.64157144381087	3.20664877184129	-4.09434449924361
C	7.51908245674295	1.79881357044725	-4.13858654817149
C	8.53404010842067	0.99681023771542	-3.56350521340420
C	6.95585614308008	9.63657755489556	-4.03688568777682
C	6.86646018629740	8.23465673315858	-4.19467350869661
C	7.94378837507133	7.42326303627144	-3.78409267739846
C	7.84794664845396	6.01826052451926	-3.91357190194599
C	8.89502591629722	5.20944774444063	-3.42201074596871
C	8.77758219791353	3.80370802371473	-3.49007443573604
C	9.81283609506735	3.00012348525066	-2.96241584748243
C	9.68282812696861	1.59567168855669	-2.98956604662810
C	10.72780561807490	0.79511743726579	-2.47211810098534
C	8.27810490893495	11.64262338935766	-3.52792340179676
C	8.15023949733665	10.23512760550660	-3.57374290627848
C	9.24107551225928	9.42578199172410	-3.20398504026939
C	9.11661592955281	8.01998669898498	-3.26215563894235
C	10.19264913607737	7.21143440615154	-2.84519540938985
C	10.06199733003856	5.80668942263843	-2.88486973178155
C	11.13008298468442	5.00018010273538	-2.43847389960794
C	10.99293692638438	3.59665124795006	-2.45284569333717
C	12.06593812287487	2.79146712569537	-2.01032929564140
C	11.92523315537775	1.38920873691280	-2.00488734369014
C	13.00294719006173	0.58464022339669	-1.57058363749766
C	9.66621275002243	13.64578853345434	-3.25008182621701
C	9.51566779331053	12.24109473775247	-3.19820086420219
C	10.61494698942983	11.42928046276820	-2.85427456280359
C	10.46551225060397	10.02444001248827	-2.82360480345137
C	11.55883867423236	9.21328349850278	-2.46191716452061
C	11.40919735661301	7.80919276679501	-2.43727496855371
C	12.49939559037074	6.99879642866176	-2.06107282648857
C	12.34949603033369	5.59563875258380	-2.03368735777591
C	13.44063380009083	4.78440777345945	-1.65581692296651
C	13.29265890324765	3.38294024190147	-1.62422137702818
C	14.38696432095638	2.57282440144232	-1.24393750758230
C	14.23596736931728	1.17328176171285	-1.20008862263742
C	15.32321496205180	0.36403963310077	-0.79633305448103
C	11.07323121743463	15.64631327412883	-3.06944957784397
C	10.92077363657063	14.24072564178742	-2.98076016317238
C	12.02022670505400	13.42763196050365	-2.64061717419596
C	11.86790002735552	12.02323722994538	-2.57104512966912
C	12.96766016991233	11.20915778492649	-2.23079954070254
C	12.80895703115472	9.80722322446182	-2.16138872738720
C	13.90713924881119	8.99357427152576	-1.81868261018710
C	13.74852487610799	7.59184898244372	-1.75414714346199
C	14.84585460000831	6.77376511497923	-1.41340069144094
C	14.69125507194989	5.37392871398301	-1.34986113606616
C	15.79148704986319	4.55859284833914	-1.00233036604282
C	15.63728865985489	3.15948661535740	-0.93120320602639

C	16.73423834751198	2.34808087044984	-0.56043353274862
C	16.57137179637837	0.95164131521643	-0.47536915465864
C	17.65385150478858	0.13793467126260	-0.06266218846378
C	12.47775711640811	17.64651154822423	-2.86300194806990
C	12.32242782638974	16.23869900248846	-2.78110770059156
C	13.41450102369381	15.42688625923186	-2.42420751766604
C	13.28180762429196	14.02000561552178	-2.37607569131585
C	14.38481583865205	13.20159393195913	-2.05606772742171
C	14.23299958412564	11.79907562049699	-1.97516419853714
C	15.33458162602662	10.98577515856806	-1.63976624968476
C	15.17208468846703	9.58420381085305	-1.55939430597906
C	16.26717846538968	8.75951825968286	-1.23394776847039
C	16.11084009982541	7.36096836832349	-1.15742940714737
C	17.20986084286065	6.53885837010750	-0.83456073208821
C	17.05423965841439	5.14397893354092	-0.74169785676516
C	18.15479932317225	4.33101972436257	-0.38769279585700
C	17.99832478199901	2.93501338032788	-0.28263776579699
C	19.09083094926131	2.11272835935259	0.08986042065522
C	18.91520432356880	0.72182752178488	0.22238774383790
C	19.99829332412844	-0.09617394231627	0.63708497349520
C	13.83074236744100	19.63973096830935	-2.54608796523525
C	13.72005058655007	18.23372341445878	-2.50374938167200
C	14.78367670364730	17.43579174793702	-2.05936483179179
C	14.67439009311286	16.01326612855462	-2.10713678645779
C	15.76620363871491	15.19229794494589	-1.86815978031079
C	15.66538556659358	13.79261789787056	-1.83715139528394
C	16.76654036330099	12.97299425295255	-1.52701461908202
C	16.61797904972052	11.57293725029284	-1.39265888884883
C	17.68789613393833	10.73628012918087	-1.06527954672835
C	17.54275142475382	9.34975963954161	-0.98697964564609
C	18.62651262257511	8.51751660733424	-0.68225967167779
C	18.48345058402969	7.13558240350318	-0.61108364191499
C	19.59436407921059	6.31092726309307	-0.28983508529742
C	19.43458955106775	4.91271387245221	-0.14478328593147
C	20.50280023463411	4.07918655200167	0.21119078713266
C	20.37042558611498	2.69982512988853	0.32658170017511
C	21.46424931186073	1.86005195642810	0.70659181930046
C	21.28497790172090	0.48791707461634	0.87709952183397
C	22.34952564937739	-0.39482600378637	1.23767608213588
H	14.73433619419163	20.10584259386754	-2.19012353227462
O	15.88644308610428	18.04081538381231	-1.60403410789176
H	16.73397554743363	15.63620502422401	-1.71223303591919
C	18.10587007406677	13.58029115945649	-1.33611845263519
H	18.65758388385742	11.16074468339633	-0.86293322004692
H	19.59438504030470	8.95613229154043	-0.49727697017043
O	20.76314550653697	6.93250051847365	-0.17033638249533
H	21.46850835978722	4.51659324458642	0.39975290605406
C	22.79185202877366	2.49661498124529	0.84667621128215
H	23.33729511854666	0.00902510312565	1.37525054846428
C	1.68977569029418	0.18973816468468	-6.48056628155769
C	4.03803157495939	-0.01188905852718	-5.79546234801996
C	2.82070459418054	-0.62077952362244	-6.20509962257313
C	2.71591618003106	-2.03750498772795	-6.26935506373538
C	6.25899114884716	-0.21405174730241	-4.76941439890681
C	5.11234883078777	-0.81866480434420	-5.34190390559851
C	4.99795571595063	-2.23714780083114	-5.37789342395814
C	3.82533101764490	-2.84572722219465	-5.89534444340614
C	3.73516057769985	-4.26503807339427	-5.96051579333699
C	8.40603802913539	-0.41013462177897	-3.58152996191184
C	7.27460133342769	-1.01646736444542	-4.18560928667850
C	7.15035696850094	-2.42319279906113	-4.19664477222725
C	6.02553321150764	-3.03350214275427	-4.81325470143139
C	5.89641299979210	-4.44515525982382	-4.81981122573828
C	4.79438081566884	-5.03409998650016	-5.44199175536645

C	4.78642985542999	-6.54151339950005	-5.54272497959213
O	5.70231811981852	-6.84212499718692	-6.60031394129774
H	5.70905305528726	-7.79645520479372	-6.74423581959733
C	10.59061061812831	-0.60650403432830	-2.46901657083829
C	9.42367912188643	-1.20525056028181	-3.00386709046347
C	9.28579093388682	-2.60896647731600	-2.98694999408216
C	8.15134727976440	-3.21550504567189	-3.57347175349847
C	8.00116390331269	-4.61921201466964	-3.50884369173230
C	6.86549565382995	-5.24098614500985	-4.09001571822582
C	6.65673241454719	-6.59566992459545	-3.86174332909929
C	5.32344700659443	-7.18084072261573	-4.23681472236398
C	5.34937699598128	-8.68202303776888	-4.34617180602887
C	12.85335689890274	-0.81492048697365	-1.53284113414237
C	11.64276897121645	-1.40532643022789	-1.96228848509072
C	11.48951106809999	-2.80387894896688	-1.90770826720323
C	10.30161326296691	-3.40005637734575	-2.39218543544560
C	10.13321841037769	-4.79216425830545	-2.29447134717326
C	8.96153847759489	-5.39620920602500	-2.81693709704805
C	8.76986957556326	-6.78313486301965	-2.65895033605148
C	7.59069030715036	-7.38122159362016	-3.16351100680681
C	7.40982441901093	-8.78580895750931	-3.00568597210258
C	6.30086840070979	-9.42324230667250	-3.62399832859058
C	6.17824571281383	-10.83219794040752	-3.54117974976433
C	15.15763204783387	-1.03299248486379	-0.71177271157070
C	13.92287893509281	-1.61991043836644	-1.07341976122537
C	13.75344679185179	-3.01370149384963	-0.97380356701067
C	12.53111267649330	-3.60055245888229	-1.37734434827385
C	12.34867079944505	-4.99058433374659	-1.25186627557204
C	11.14046050876098	-5.57976385473181	-1.68761048398811
C	10.94363590149915	-6.96613764830510	-1.52814694494098
C	9.74872813185141	-7.56360059281498	-1.99026784954743
C	9.54405378264016	-8.94566384982870	-1.80568481537740
C	8.37291957375061	-9.55498750650269	-2.32116996779310
C	8.20812032896048	-10.95797356762139	-2.17532513152204
C	7.11158235464135	-11.59293885088534	-2.78823409853300
C	6.95766728378841	-12.99528295611567	-2.66119488601033
C	17.47068537206171	-1.25255351540997	0.06920130648291
C	16.22383533823215	-1.84200401946153	-0.25211223275200
C	16.03989983140136	-3.23158082546721	-0.10553297688411
C	14.80289515037849	-3.81609878601027	-0.46217738401424
C	14.60662478862507	-5.20217912686157	-0.30023345772739
C	13.37604633425805	-5.78389609194401	-0.68328561818829
C	13.16464211856115	-7.16148181583251	-0.49328124410441
C	11.944944494206243	-7.74808014038071	-0.90429540061610
C	11.72406821998423	-9.12451770577665	-0.70135903508899
C	10.52556725996530	-9.72358368120260	-1.14320218897679
C	10.32100652039780	-11.10849994662527	-0.94281723398854
C	9.16271389344275	-11.72530669726073	-1.45688011902306
C	8.98099001153663	-13.11864106494578	-1.28365971221649
C	7.86939847159662	-13.74772477357311	-1.87609665576543
C	7.68315704026562	-15.13995281092981	-1.69768939902167
C	19.79909393606571	-1.47908856712811	0.79935264864182
C	18.53518099189531	-2.06303096205701	0.52968296729603
C	18.34097379077259	-3.44483012741444	0.71305661414500
C	17.09182046778719	-4.03823917785939	0.40694164632672
C	16.88414857795942	-5.41989279020293	0.59717260476616
C	15.64107808246706	-6.00242128074397	0.25124018040856
C	15.42340094388424	-7.37847294739097	0.46002908239274
C	14.17971741423252	-7.95154476615888	0.10709850560285
C	13.93846209182628	-9.31899633302622	0.33437935534807
C	12.71933553405535	-9.90479602418864	-0.06084281946394
C	12.49484647634153	-11.27585983757729	0.16218319656997
C	11.30194301782896	-11.88456147172314	-0.27226973084840
C	11.10261588219352	-13.27104524781114	-0.07598615681871

C	9.93895200693304	-13.89037058590143	-0.56544260928549
C	9.74837329993634	-15.28434203566626	-0.37901131247615
C	8.60107685833271	-15.89649675261733	-0.91747040319955
C	8.38612021446763	-17.28668689407917	-0.73075081561929
C	22.14898177744453	-1.71650561480211	1.42512233257683
C	20.86843355794057	-2.30914591524310	1.23583521128019
C	20.67017731039172	-3.67040956766842	1.46079747629664
C	19.39773919208729	-4.26862877483861	1.20404696158481
C	19.17366663070334	-5.62523175956236	1.39111693623224
C	17.93970618759049	-6.23434464067752	1.11451375899813
C	17.73057884486138	-7.62174853696777	1.28042852458685
C	16.45973442251870	-8.19586661588588	1.01744826779794
C	16.16439033958132	-9.52419665300232	1.31435463613037
C	14.94077437442288	-10.10787322805712	0.97293776176370
C	14.69231656410542	-11.45953874656867	1.21332354617306
C	13.49986850183438	-12.05753319002601	0.80434034212455
C	13.28887184412410	-13.42678075547678	0.97771154213521
C	12.12253243719346	-14.05469693150672	0.55149719713987
C	11.94796381150162	-15.45613911282506	0.66695851865457
C	10.75839549390970	-16.07517846989582	0.26999624444351
C	10.51341466511563	-17.46760543301928	0.45779179604350
C	9.33798564884308	-18.05346878676020	0.00853897828772
C	9.05206662145445	-19.43119208390736	0.24797492363522
H	22.96184971718420	-2.36399973587152	1.71307186124662
O	21.72346413502128	-4.37419155717927	1.90214264362072
H	19.96249032627212	-6.25359707980253	1.77315300891401
C	18.86761065984172	-8.48292491060289	1.65123893000188
H	16.88902146675892	-10.14903306589890	1.80888155920090
H	15.44749742780299	-12.06004342147707	1.69883268240430
H	14.07516727373286	-13.98910181838698	1.45049049156883
C	13.13990855595205	-16.27039054013077	1.03605404344111
C	11.50050393296500	-18.37222846846811	1.12041353318523
H	9.73555977962185	-20.00637365678422	0.84870439767045
C	0.43615240318302	-0.41760831099287	-6.75765493629816
C	1.48242055291353	-2.64484269785683	-6.62222635555073
C	0.33143297545880	-1.83416348600177	-6.83088372675988
C	-0.93750510246149	-2.43264785505692	-7.07305532490171
C	2.51577286801545	-4.87651499572786	-6.40313930596208
C	1.38619737295136	-4.06872551412647	-6.68899316852864
C	0.10721643545569	-4.66433211693737	-6.93158741672579
C	-1.04734931623852	-3.85072847441720	-7.12230749683872
C	-2.32889999245290	-4.44481536959823	-7.30795585699302
C	3.43049239308973	-7.12172585986130	-5.87585957482234
C	2.38139713141018	-6.30490113522185	-6.35027019415975
C	1.10485189217751	-6.89442229848999	-6.58058111152423
C	-0.02688042758385	-6.07791518589767	-6.87878791035159
C	-1.31143242165418	-6.67084019411070	-7.03506591314339
C	-2.45727214396481	-5.86044998459375	-7.27078616801873
C	-3.74681236473329	-6.45688407910948	-7.38244936487621
C	4.27629705374506	-9.28955351583149	-4.98226498502690
C	3.26237850921736	-8.48994462889400	-5.65195444915684
C	2.03017337838353	-9.10456945396660	-5.98718580355635
C	0.94555100877938	-8.29665253830882	-6.41788258541221
C	-0.33327969673417	-8.89064062227895	-6.59715158734634
C	-1.45733747436501	-8.07871363367471	-6.89739232113400
C	-2.74244442093010	-8.67069967632560	-6.99446821483117
C	-3.88378659117478	-7.86281514074018	-7.23403495447944
C	-5.17164233667070	-8.45941746205934	-7.24545182094584
C	5.08918623376742	-11.46833020419639	-4.17086315921882
C	4.12253786080713	-10.69793738476681	-4.86583709410977
C	2.94436722512826	-11.31461059971346	-5.33992589317209
C	1.87654046740472	-10.50880834796659	-5.82714365646636
C	0.62498246323729	-11.10455931064679	-6.08383526679981
C	-0.48670247432351	-10.28916698821366	-6.42329928903355

C	-1.76505814461370	-10.88046481609751	-6.54424588278298
C	-2.89179768813435	-10.06959904211450	-6.80942786792486
C	-4.17434900270506	-10.66531081067471	-6.86332339132866
C	-5.31316540821981	-9.85829719122225	-7.06075777113364
C	-6.59444434902538	-10.45895337059877	-7.04471039822999
C	5.88539108208340	-13.63787763531144	-3.31004130013189
C	4.94386163045325	-12.87691613114516	-4.05132397292112
C	3.80776764535903	-13.50290919668738	-4.59893264297962
C	2.79203268220864	-12.71696384376623	-5.20425327096835
C	1.56035946048851	-13.32189281035624	-5.54564567572500
C	0.46789513775898	-12.50900908231148	-5.93491936521385
C	-0.80480878008446	-13.09717874459273	-6.09907700029014
C	-1.92115203729186	-12.28048877089232	-6.37837038994497
C	-3.19587239688799	-12.87431682222822	-6.48763917060868
C	-4.32541715101609	-12.06515420359556	-6.71005686223909
C	-5.59937575389605	-12.66897400034828	-6.79568971360587
C	-6.73828959200292	-11.86155248732249	-6.93716325169268
C	-8.01312805159459	-12.46885532742005	-6.98412272281804
C	6.59700200162525	-15.77847886496825	-2.32281247059294
C	5.71325346373943	-15.03616077835728	-3.14714241828939
C	4.58956073680147	-15.66530388577242	-3.71840901903508
C	3.62574127644077	-14.90014789587584	-4.41862933012561
C	2.42343352659578	-15.50972417255788	-4.82715913103412
C	1.38021891963748	-14.71774197436070	-5.35434658721718
C	0.12731476170962	-15.31014463164996	-5.60255601148065
C	-0.96805336224328	-14.49772567912927	-5.95408457001322
C	-2.23087974658550	-15.09244438827583	-6.14383729240297
C	-3.34779462633743	-14.27912232019318	-6.39620747462281
C	-4.60886124848421	-14.87988738416430	-6.58684841469815
C	-5.74336067721816	-14.07643842907032	-6.76836903491805
C	-7.00633353669499	-14.68235031285049	-6.95846252843708
C	-8.14927340510657	-13.87506781353098	-7.03048061935012
C	-9.41672996906942	-14.48052707811464	-7.18479972144852
C	7.27468391041447	-17.91836465283691	-1.30270106688079
C	6.38301061507094	-17.16668507031645	-2.11239531118153
C	5.28603962773583	-17.79582764497242	-2.71771845659544
C	4.37299817326302	-17.04962374876635	-3.49518774241214
C	3.22027772828755	-17.67451471117435	-3.99764004489583
C	2.22394398308877	-16.90141733706545	-4.62557818573118
C	1.01333805124491	-17.50985011227522	-5.00188112970250
C	-0.04790724162518	-16.71318623657406	-5.46331949389056
C	-1.28208714742412	-17.31355551422318	-5.77436941412017
C	-2.37819232802770	-16.50320357985438	-6.10760477282892
C	-3.61292768152549	-17.09866273782088	-6.42837303295029
C	-4.73535085918929	-16.28847640309914	-6.65212292634234
C	-5.97160572681774	-16.87391011831876	-6.99262069655586
C	-7.12389386599699	-16.08517261484631	-7.11725718064745
C	-8.37170483550319	-16.69039403385993	-7.40961028058886
C	-9.52718238227866	-15.88021172770120	-7.39637523138181
C	-10.80424070176056	-16.44066618091350	-7.64576083280345
C	7.97558739787014	-20.05641099319818	-0.29321864572595
C	7.05282711552305	-19.32516901141135	-1.12498274128322
C	5.98302040012758	-19.92724362722816	-1.73892636732683
C	5.08234390291565	-19.19652449834959	-2.54088591986418
C	4.00661115143015	-19.81964678427813	-3.15045220947934
C	3.03261771617399	-19.08333957904230	-3.83946222110361
C	1.87963931030578	-19.68520330277660	-4.33501047376505
C	0.84041174702890	-18.92536822169198	-4.88058459319570
C	-0.35748379440974	-19.51106034680454	-5.29567049907882
C	-1.42944407518991	-18.73729703976461	-5.74764895735399
C	-2.62926616384858	-19.30836715668332	-6.18998145734439
C	-3.71994206939869	-18.51739365412812	-6.55259491653627
C	-4.91183507665845	-19.05884677301301	-7.06069171099560
C	-6.02770195185088	-18.26091959686621	-7.28357327703605

C	-7.22786583568941	-18.80643223270374	-7.83770452362141
C	-8.44610855629411	-18.08313949485269	-7.76168728564947
C	-9.74783913216306	-18.63338530099945	-7.98649392226414
C	-10.89897916066700	-17.83176458833943	-7.93846889653555
C	-12.18873780298527	-18.32485888001029	-8.28153960735155
C	7.82775343986296	-21.51453194717695	-0.06056830463117
H	5.81959255904542	-20.98545143394196	-1.62072013998575
H	3.89412257997053	-20.88788517987822	-3.06150276682202
H	1.76217743983008	-20.75335600497150	-4.24713696291087
H	-0.46573533781897	-20.58458228595056	-5.24441162763905
H	-2.72201995034045	-20.38260699626563	-6.23595114874928
H	-4.97276880684535	-20.11764228011198	-7.24742281211770
O	-7.04925295493327	-19.97769425552638	-8.43562160812758
C	-9.96617619572541	-20.07350556871582	-8.24299439135090
H	-12.30991690051193	-19.33899295127106	-8.62655521998344
C	-0.71840660813262	0.39452592793451	-6.92805175469125
C	-2.09925208820704	-1.62177190132054	-7.20733743519188
C	-1.99041554475908	-0.20625733294977	-7.12916630066357
C	-3.15572922280572	0.60470009024387	-7.20670576263064
C	-3.49422374154767	-3.63218728840690	-7.43848242771697
C	-3.38083025712550	-2.21757585801582	-7.37723100738969
C	-4.55079738640300	-1.40561306595158	-7.40721557000325
C	-4.43984647005232	0.00772332053561	-7.31788740727668
C	-5.60963362735487	0.81271127239124	-7.20987780973973
C	-4.90765431605143	-5.64670996902286	-7.52236621676651
C	-4.78382742595612	-4.23052785837445	-7.52954512607818
C	-5.95411499823835	-3.42136777755137	-7.47623688149653
C	-5.83928248054688	-2.00767927664734	-7.41804982457440
C	-7.00380089551054	-1.20617873384627	-7.23427351544772
C	-6.88980873234636	0.20432640978258	-7.11289778898501
C	-8.01962230077405	0.97967741026843	-6.72642558953039
C	-6.32851138579695	-7.65207297003095	-7.36286183759125
C	-6.19990074484528	-6.24406945512790	-7.48513928202138
C	-7.36368291005326	-5.43624247661365	-7.39704892449064
C	-7.23790677521265	-4.02454973312912	-7.36867964966400
C	-8.38637768126394	-3.22950227606591	-7.11296349081507
C	-8.26673337704485	-1.82111507046309	-7.02349181471119
C	-9.39220296706641	-1.04317075947075	-6.63710588144004
C	-9.26502473278544	0.35504458702963	-6.46299655179620
C	-10.36837810596117	1.11436003790888	-5.98603420667459
C	-7.74459826631046	-9.65345823637319	-7.11666004244010
C	-7.61147623228955	-8.25012863747410	-7.24309893077612
C	-8.76780807411241	-7.44527087213449	-7.16981362150166
C	-8.63767576820634	-6.03739418745748	-7.20582092159712
C	-9.77945092963645	-5.24483017903188	-6.94494247341042
C	-9.64689339123932	-3.83991263427638	-6.87492668356842
C	-10.77392900756904	-3.06048672569339	-6.51880034129023
C	-10.64031855924240	-1.66216421518401	-6.37341235046854
C	-11.75573509317021	-0.89524759092517	-5.95268151243943
C	-11.61675787088346	0.49257294673016	-5.73907524344812
C	-12.73304855726449	1.25432758705948	-5.30615134993924
C	-9.16026808488307	-11.66372224439554	-7.01011071484337
C	-9.02114161839303	-10.25818621438628	-7.03131755127176
C	-10.17040512006040	-9.45479879207094	-6.95804811049933
C	-10.03524148214918	-8.04967741691785	-6.96972532774468
C	-11.17708578880256	-7.25726546859294	-6.75141479552370
C	-11.03783422998267	-5.85375422595434	-6.70118568850235
C	-12.17274522839706	-5.07041583713458	-6.40167273150594
C	-12.03297614721985	-3.67255413885437	-6.28984206610831
C	-13.16377067927609	-2.89486212583343	-5.95388199872383
C	-13.01927397381399	-1.50695961492105	-5.75980756149742
C	-14.15073276733314	-0.73512389849866	-5.40922411621299
C	-14.00508416335022	0.64648647285631	-5.16742224664831
C	-15.14509899857560	1.42647190983861	-4.85719707384609

C	-10.56835275016141	-13.67350034045758	-7.16970415786868
C	-10.43744004681621	-12.27072444488010	-7.03704845803964
C	-11.58379005832240	-11.46426239200778	-6.96174172231114
C	-11.44430276454267	-10.06244406391012	-6.86283610490337
C	-12.58669553735191	-9.26530956821767	-6.68256729547795
C	-12.44290102408358	-7.86835229202109	-6.56799213018811
C	-13.58529040221306	-7.07867438497867	-6.31936923236320
C	-13.44310785226749	-5.67714103349372	-6.22450318127208
C	-14.58748735001937	-4.88639813794385	-6.00624483722280
C	-14.44234351547446	-3.49520736684516	-5.84491800389029
C	-15.58817687137043	-2.70900396422811	-5.60730780912863
C	-15.43638114835850	-1.32996779508846	-5.36315713252687
C	-16.58078291306451	-0.53549586656621	-5.13431009345079
C	-16.43544386017470	0.84005771835352	-4.86992368649469
C	-17.58617871049331	1.64369201081203	-4.68483020487832
C	-11.96272093980414	-15.64069922909903	-7.59967856116192
C	-11.84998735664407	-14.25677696906970	-7.32403179514116
C	-12.99915271095946	-13.44537003112024	-7.22600694499674
C	-12.86828628220818	-12.05789330335003	-7.00711053045096
C	-14.01485912534106	-11.25556906780664	-6.85176193107057
C	-13.86921532146960	-9.86845995134765	-6.62654997955784
C	-14.99815300704287	-9.08072298706722	-6.34968926758444
C	-14.85563963902408	-7.68104714982409	-6.19177532581424
C	-16.00853725430689	-6.87585380111496	-6.05271836240345
C	-15.87796662906943	-5.47803739237867	-5.98691204428681
C	-17.03467856335940	-4.67522545137991	-5.89716532739919
C	-16.88295317962874	-3.29156633001047	-5.66878715108971
C	-18.02488694369656	-2.48197684330236	-5.52267494868577
C	-17.87436598612550	-1.10974278303227	-5.23496487867243
C	-19.01405478497016	-0.29572827126113	-5.08366817084640
C	-18.87767540354800	1.07367119536165	-4.80082725226274
C	-20.03307634891615	1.87993738649543	-4.66480675139006
C	-13.31999728028816	-17.56562834095775	-8.24511267369576
C	-13.26341907140326	-16.18650940740545	-7.84262216933116
C	-14.38018650506146	-15.39145901057091	-7.68181823307103
C	-14.29292370121141	-14.02544182183298	-7.34935054690932
C	-15.43194233595955	-13.20952506420920	-7.18122580959055
C	-15.31151326164633	-11.83413091066582	-6.91208853244030
C	-16.42007289984605	-11.01330097004566	-6.59148275591645
C	-16.27124371307712	-9.69492661172883	-6.26417688210993
C	-17.41915732930853	-8.90844276400839	-5.72460097386909
C	-17.30076866101980	-7.45928876663389	-6.05267691177791
C	-18.41918648103031	-6.67185344864791	-6.17896903063752
C	-18.33131593924287	-5.25009657792898	-6.07142374012736
C	-19.45320098083283	-4.41674485268455	-6.02166660873497
C	-19.32563191843259	-3.04395336198519	-5.69237555083252
C	-20.43848918376386	-2.20973781387895	-5.54990881477283
C	-20.30919670734080	-0.86484960977332	-5.24086985974508
C	-21.44707035873124	-0.04915236436532	-5.08451867758597
C	-21.32747875442000	1.28980313061477	-4.80604798665938
C	-22.47702166266363	2.12170448049355	-4.65240899890903
C	-14.54244191799417	-18.27888316336849	-8.69373506748322
H	-15.35532263146361	-15.82299972950046	-7.82151482349014
C	-16.77959642001652	-13.81788550225742	-7.22767018590836
H	-17.40814555624837	-11.44346302337288	-6.56437413045946
H	-18.34647453012325	-9.33676007376392	-6.10112089400056
C	-19.71831385871521	-7.37265735424640	-6.39626035698746
C	-20.82323586810650	-4.88547495920593	-6.33877340839896
H	-21.43577253448695	-2.59891072125214	-5.66792697374299
H	-22.42426236440632	-0.49864664539395	-5.17893262404789
H	-23.44822649636759	1.65785889158152	-4.73775490222512
C	-0.60418329972769	1.80986497690318	-6.87570061055646
C	-3.04307477063768	2.01660967812509	-7.10815513946781
C	-1.76419422406776	2.61967338373204	-6.99039826305387

C	-1.65276204398360	4.03325809822596	-6.92189152533278
C	-5.49348967090713	2.21588931853363	-7.03174863868170
C	-4.21168097351075	2.82055813167268	-7.04470413224694
C	-4.10122485316138	4.22544843673035	-6.89972446456893
C	-2.82242288775854	4.83479157188488	-6.89948021059162
C	-2.71855599819909	6.24366252868302	-6.76713285681905
C	-7.89340308942688	2.37451021929095	-6.50720900041449
C	-6.63772170046941	2.99735755832611	-6.71127570892830
C	-6.51666873668921	4.39088960934011	-6.49284303997976
C	-5.25805217802553	5.01168423184423	-6.65800146139158
C	-5.14895191346345	6.41302111480119	-6.48780758398602
C	-3.88427395490088	7.03351724286469	-6.60347479484330
C	-3.78320556438138	8.43808269940561	-6.46826029234866
C	-10.23428012218035	2.50309617706486	-5.75381524052146
C	-8.99501542093918	3.13190816668240	-6.01976775274657
C	-8.86613081348669	4.52192848422502	-5.78656330773303
C	-7.63166272779657	5.15462433327564	-6.05673029854464
C	-7.51356135994445	6.54972519473061	-5.85969412452387
C	-6.27974538791077	7.18383640353122	-6.12120408612427
C	-6.17125069185513	8.58752916050222	-5.96967154362236
C	-4.93521056808034	9.21756286640306	-6.20528252914019
C	-4.83770059011725	10.62794001355947	-6.10915615361526
C	-12.59401375390958	2.63876663245436	-5.06760057470560
C	-11.33722580964193	3.25953255704626	-5.27204529900901
C	-11.20494086934517	4.64915967305736	-5.04447043718749
C	-9.96404766604980	5.27909106052700	-5.29708422537941
C	-9.84275359053200	6.67689553438975	-5.10471434112207
C	-8.61725925173743	7.31311032520636	-5.39650826027180
C	-8.50860496948186	8.71788725564575	-5.25356574581728
C	-7.28821470660710	9.36086270313478	-5.56111684427042
C	-7.18844093417402	10.76838803534677	-5.46970029571724
C	-5.96522810395401	11.40555944051436	-5.76996451077932
C	-5.86430036589536	12.82429731942863	-5.74467370239701
C	-15.00558116660375	2.80880703869305	-4.61746179367519
C	-13.72505123289293	3.40953727369691	-4.69204856034013
C	-13.59267427045890	4.80013510933121	-4.48104188878817
C	-12.32782476519653	5.41777203369966	-4.63245826322588
C	-12.20814084680441	6.81790479587749	-4.46617496103288
C	-10.96073023380421	7.44743611007662	-4.68699524450835
C	-10.85983152758755	8.85546664079652	-4.58040251761784
C	-9.62821944593750	9.48922534189387	-4.85492380084945
C	-9.53936858706857	10.90319673555786	-4.80830678232930
C	-8.32429176008854	11.54302893985315	-5.11470413816032
C	-8.24617428063228	12.95822473809551	-5.09812473431344
C	-7.02625838894597	13.60615294584429	-5.38989809547051
C	-6.94403618974713	14.98940626220272	-5.28938542521852
C	-17.45127239408172	3.02154577185732	-4.43751788387945
C	-16.15927889344682	3.60124567867307	-4.38510619717137
C	-16.02748241253583	4.98695356974243	-4.18049945795430
C	-14.74343787748291	5.58494200096210	-4.20810522638169
C	-14.61949609381970	6.98238293972636	-4.06217538331374
C	-13.35539496860086	7.60264239067081	-4.17632886517885
C	-13.25780081940810	9.01372634029716	-4.11078997241186
C	-12.01054174787383	9.64197492889310	-4.29819229141904
C	-11.93557553999765	11.05658783698831	-4.30896581944296
C	-10.69405062681667	11.68548459341492	-4.54302192921144
C	-10.62566768983761	13.09356787478383	-4.58841593444737
C	-9.38860556283944	13.74108569704535	-4.81611028854395
C	-9.31295691567902	15.15478238094342	-4.83389969777715
C	-8.06927194000002	15.78253923174653	-5.03445815128370
C	-8.00022487514785	17.20909437572530	-5.06261129410172
C	-19.90488531582166	3.25025559910882	-4.40910547918166
C	-18.61329343777074	3.82490078397657	-4.29327286103424
C	-18.48297801526891	5.20449133494563	-4.06963930014610

C	-17.19268748166168	5.78435363475671	-4.01502732201795
C	-17.05827390532322	7.17288902557740	-3.85587165870189
C	-15.78341422791946	7.77486520318630	-3.88290915502652
C	-15.67886692886048	9.17503952954786	-3.81572032646213
C	-14.42664852676996	9.80654556652539	-3.94493854728056
C	-14.35673420090891	11.21525189729764	-3.99923204667876
C	-13.11245480418430	11.84504331133248	-4.18915585914441
C	-13.05693463440947	13.25086407388519	-4.35120727170447
C	-11.80279668128510	13.87159075878410	-4.50440131599683
C	-11.71859607847992	15.27923352262567	-4.60745628208824
C	-10.48760453194660	15.94619285457456	-4.71671769696310
C	-10.44270785349080	17.35872774839066	-4.83270481521576
C	-9.17892973986284	17.98014258648547	-4.98495802876814
C	-9.09879443561242	19.39139695141037	-5.12438856547613
C	-22.35765772922175	3.44102329224680	-4.41165888079375
C	-21.07486086281616	4.06776092629396	-4.30310856619868
C	-20.94123444058474	5.42838786121879	-4.07432802777144
C	-19.65208204805939	6.02266507377878	-3.94738669428560
C	-19.49282954893272	7.38391453157043	-3.76912761642135
C	-18.22751723476813	7.97821091777928	-3.72489264206396
C	-18.10293333135861	9.35534174332403	-3.60558180910384
C	-16.85474308204372	9.96834064583706	-3.68222371437184
C	-16.76118839444068	11.35684719905958	-3.70609418848057
C	-15.54893919592847	12.00395623020473	-3.90789491918953
C	-15.49483587322631	13.39640620822774	-4.16729680301431
C	-14.26556188282143	14.01263937706777	-4.47788543190162
C	-14.13345614260675	15.36366423529926	-4.89033715714736
C	-12.90118268198423	16.03818499219575	-4.69360168651800
C	-12.87293758482732	17.45022616187343	-4.68438950513763
C	-11.65088981412518	18.14149515729918	-4.80465390302834
C	-11.53651525154120	19.56478549382269	-4.94387730172902
C	-10.28350892843699	20.16665276017743	-5.10978077610863
C	-10.18931040776383	21.57700569485085	-5.31909722411423
H	-23.23946750396140	4.05109723772780	-4.30971334722172
C	-22.15887706225034	6.27530302984166	-4.05730113313620
H	-20.34818572825376	8.03366721203181	-3.68932006524475
H	-18.98637943626198	9.96720515142648	-3.50390335337064
H	-17.68228131773891	11.90872690834259	-3.63862884984471
C	-16.75824546274012	14.15808226822243	-4.10947507689955
O	-15.04702991476876	16.05930275589909	-5.55823146281850
C	-14.20231310024736	18.04650584768216	-4.35883117054734
O	-12.56904296240980	20.40747502913914	-4.97869304307152
H	-11.10828103493617	22.14020404684233	-5.32253428639026
H	-3.29658463678390	23.49077867110524	-6.58438995997963
O	-1.13795256262828	24.06987438260046	-5.92726565768290
O	-2.37563430404512	23.61567381542353	-4.14003821442112
H	-2.43882695444911	24.58441380985528	-4.09238508341688
H	0.40578078971998	23.42817331847343	-5.68336717059646
H	4.39158063807292	22.84889679926704	-4.69794061126657
O	7.19489293771271	22.45272368680559	-6.54690974325965
O	5.00581812710704	22.48472181652330	-6.92999147048334
H	5.28814227020075	23.11306625879769	-7.61064902513093
O	6.91577382278161	22.86484756178113	-3.88426377640328
O	9.12435994845206	22.89554731273901	-3.74311833261712
H	8.95275771589849	23.79095557306230	-3.41084204717222
O	11.63779601145171	22.64786359317101	-4.84295149704589
O	10.06020557812768	21.69494581282799	-6.07120055984201
H	10.17701926107997	22.48009088051210	-6.62760650057458
H	12.46592650958384	22.28952655847928	-3.49757415850696
H	16.45186274890961	17.43651403684106	-1.08339350303055
O	18.81679059189106	13.43528782840637	-0.37281588784071
O	18.48617550643908	14.32854389099475	-2.38335542068422
H	19.36243188291584	14.71350164493490	-2.21980412990239
H	21.41569272129093	6.39237555499184	0.31006210040508

O	23.24794935095913	3.32048979146136	0.08752649479494
O	23.49532053232417	2.10902291109184	1.92452593556245
H	24.34359077652822	2.58173339790201	1.93653667471816
H	21.49420354426105	-5.27502356608299	2.17654660988632
O	19.73281158161331	-8.21981629619214	2.45760642592138
O	18.91501125213301	-9.62827566209695	0.94915307319009
H	19.68899980463786	-10.14775471264807	1.21911582218432
O	13.61980815583082	-17.09694774396902	0.30291365637325
O	13.67318065258247	-15.96228053961596	2.22192540903498
H	14.38137997571313	-16.58852422014570	2.45591394221041
O	11.90927882915634	-19.40144695082754	0.65822900980897
O	11.82763227953145	-17.95115126464132	2.34964880474570
H	12.48838106765493	-18.53202651180735	2.76959544796007
O	7.24715134210450	-22.29973062567903	-0.76960684316281
O	8.45873493279035	-21.91942333297111	1.04968942000895
H	8.37672716071428	-22.88253404406266	1.13686186923949
H	-7.85626780511819	-20.31206476889055	-8.88695282273103
O	-9.40295182311283	-20.74832125976040	-9.08575393316213
O	-10.89314652877906	-20.62443899945228	-7.45924488656082
H	-11.04481009649025	-21.55233456326770	-7.70570054879823
O	-14.62558704340862	-19.48312856324061	-8.72631812529889
O	-15.54870203065373	-17.50494598232021	-9.12166853586028
H	-16.28235617927914	-18.06892014554326	-9.41548473268314
O	-17.15299893855797	-14.72606158898656	-6.51228368638539
O	-17.58719303817244	-13.26693630049316	-8.12989732474446
H	-18.46525845577151	-13.68191673423370	-8.10401538942475
O	-20.65597470435034	-7.42476296971617	-5.64416673829242
O	-19.71744556546350	-8.01097572786352	-7.57516508182620
H	-20.55598534153888	-8.48261647958620	-7.70563088011131
O	-21.79286278819696	-4.75245310676593	-5.63096383969346
O	-20.92032272006255	-5.38895802132439	-7.57688288333431
H	-21.84178624559910	-5.64031929717814	-7.75463724014918
O	-23.01414428939481	6.27137807445346	-4.90618761475093
O	-22.26120831623707	7.08004068686270	-2.98195793926521
H	-23.09057659094228	7.58260734104106	-3.04140652192004
O	-17.20458819842845	14.85757323092724	-5.00569771804829
O	-17.43683810828872	14.02228192383007	-2.97606892713975
H	-18.25508512334699	14.54638245771402	-3.01107826206619
H	-15.92514660215822	15.60425339406563	-5.61404724730596
O	-14.72257055987541	19.01657948865951	-4.87244296967732
O	-14.76345649112563	17.37805544343017	-3.36709730375377
H	-15.57669935959803	17.79570347460856	-3.03246605119213
H	-13.44517541338234	19.96018425990198	-5.04808235060622
O	-4.99929428902194	15.19204679456901	-7.65100746792316
H	-5.83877138428434	14.75442361385313	-7.83742447358972
O	-2.07012466842670	14.66850593231177	-4.29226245263639
H	-2.98439702450797	14.71169952723009	-3.96872115580097
C	-6.30492523234502	-3.23332931965367	-3.85500980535353
C	-7.28187549914083	-4.19377703065634	-4.00378112321731
C	-6.94148603384310	-5.48279747201162	-4.38994960611025
C	-5.61525481249093	-5.74844279610224	-4.69745210163500
C	-4.68183911762658	-4.73317179407977	-4.70662186094209
C	-4.97700949304168	-3.44962559461959	-4.23736297260883
C	-3.93996460333961	-2.41246663182784	-4.10483005754326
C	-2.62673495619428	-2.83319156757804	-3.84166903917044
C	-2.26387638117056	-4.14045521320903	-3.45668381410776
C	-0.93073250162739	-4.14952559689304	-3.20251629142540
C	-0.41087276233852	-2.85990389946291	-3.47790824505279
C	0.95302591393882	-2.50382348089553	-3.41146723616329
C	1.38672521825359	-1.16402955599739	-3.33127776795939
N	0.57752703725948	-0.07975859805528	-3.25414712068209
C	1.36589397461567	0.97962712959750	-2.93703794292284
C	0.97219259795653	2.32627449969544	-2.98093176056867
C	-0.31599531936100	2.72353837538692	-3.39547170077193

C	-0.64296984867346	4.03039946122089	-3.82921271980584
C	-1.99740076538758	4.12164202369256	-3.92068559647534
C	-2.54646992309691	2.85138916015196	-3.63030115556305
N	-1.48574940480189	2.02382746325209	-3.37076733661088
C	-3.89402369462919	2.43859892784174	-3.65805233655398
C	-4.25428715648229	1.09726748959225	-3.90132076178560
C	-5.57398602690769	0.74952316412440	-4.39134855509313
C	-5.58590641991014	-0.58308412661445	-4.54987237209949
C	-4.28355114635549	-1.05475435737908	-4.15418424105553
N	-3.48346338827605	-0.00788897307468	-3.81914334690292
C	-4.99948109073278	3.37489891116280	-3.41892233089020
C	-4.97165372478790	4.75584761395358	-3.62669814269280
C	-5.99946803044898	5.58013490251223	-3.21937160502031
C	-7.16029527216383	5.03557848935795	-2.69980910655012
C	-7.27710631254143	3.65564173099765	-2.61599345994225
C	-6.18511322152051	2.86046437971937	-2.87160558636804
O	-8.15538956474036	5.84092369739323	-2.20586260135803
C	1.87152116594651	3.45598742987053	-2.68478568304510
C	1.31912182674170	4.66127917531791	-2.21794592443303
C	2.03840522703449	5.83249310289868	-2.16766591993764
C	3.41178969275099	5.81653283367419	-2.37116860263611
C	4.01402976742445	4.59972515282791	-2.64512040261070
C	3.25016628740298	3.47505567873019	-2.88728117758041
O	4.10472454831944	6.97811600671509	-2.28405399255977
H	5.04567990272938	6.81290081761770	-2.42756718709320
C	2.72990001383751	0.53843413440071	-2.75746058657628
C	2.76152926952956	-0.75432766313530	-3.12802908051708
C	1.88958395990819	-3.63545566005293	-3.31736476782701
C	1.53526185855641	-4.90073222333772	-3.80534341484367
C	2.30273999365300	-6.02262339141951	-3.58286275587698
C	3.60515831478708	-5.88893666499663	-3.12546875389381
C	4.01570915252356	-4.63774915135608	-2.69031202818972
C	3.14408184169308	-3.57134763609691	-2.70831873961382
O	4.43050452078628	-6.98471145945382	-3.09570098666498
N	-1.48160300942644	-2.08363880274594	-3.82010117545448
O	-7.90995905257845	-6.43238811125787	-4.44680741931448
H	-7.52286689174132	-7.28100679858355	-4.69794647382664
H	-6.58366852117480	-2.30798106193280	-3.38900279234632
H	-8.31154646022743	-3.97276834557844	-3.76898406056545
H	-5.31703035801193	-6.75417781677697	-4.96307080255639
H	-3.70577018854335	-4.95421999884437	-5.10135253486290
H	-2.92456288233779	-4.96186329694532	-3.30100197986048
H	-0.40654811637620	-4.97229703762178	-2.77309580335913
H	0.05020843626319	4.80307234229961	-4.08919996392541
H	-2.49063216525389	5.01084368598523	-4.23725374944014
H	-1.57790900270786	1.03935369519712	-3.15483436335601
H	-6.35112416298049	1.43503722865240	-4.65284277277822
H	-6.37273467372062	-1.17159436594825	-4.96116367958628
H	-4.14357074759684	5.23714664566280	-4.10196673223303
H	-5.90719136017182	6.65239610999619	-3.30860614898738
H	-8.20917040553893	3.22361441349113	-2.28643138464539
H	-6.24391526008861	1.81978000577176	-2.59805270540481
H	0.28890127085414	4.69066346952601	-1.90223463952113
H	1.55501104172741	6.76742618823074	-1.93739762138676
H	5.08933892556999	4.54173573399834	-2.72822931728490
H	3.76020199351446	2.62296505203071	-3.29201185687660
H	3.56404095468256	1.09392629791199	-2.38942755113854
H	3.65200964800823	-1.31830007063067	-3.28944915570568
H	0.64802544674553	-5.02457534514811	-4.39993782792155
H	1.91992237546400	-6.99958512552050	-3.83214510314625
H	5.01515602184293	-4.50189456453729	-2.31111725707537
H	3.45592708080214	-2.68514047647017	-2.19673942102186
H	-1.44177528280034	-1.08768741890492	-3.99082132386674
C	-0.07622068229129	-0.82164860836316	0.02894928211331

C	0.97176429213787	-3.03093040139974	-0.00548553855077
C	-0.18547358942705	-2.22421203771927	-0.08335590752590
C	-1.44755672258675	-2.81925601892797	-0.30391901056251
C	2.03209731134069	-5.22667872526775	-0.14090999408772
C	0.86641952038603	-4.43334509288237	-0.14202448305422
C	-0.39257511364161	-5.02606849178245	-0.38668617911766
C	-1.55075912318683	-4.22172023400230	-0.46325111394262
C	-2.78074680754119	-4.80223059086480	-0.82493204801106
C	3.10493492217963	-7.41485380915204	-0.36615505908426
C	1.93983142196151	-6.61367896561329	-0.38203987683202
C	0.69197632748882	-7.19011615292225	-0.67952512298771
C	-0.47525593714182	-6.39958040882652	-0.70551691212396
C	-1.69542106848181	-6.96916381755779	-1.13364097630524
C	-2.85235465746942	-6.16925787038944	-1.18448953204020
C	-4.08229200803142	-6.74368659673960	-1.58162306651935
C	4.13560571288069	-9.63681187372707	-0.31149443314880
C	2.99911591282330	-8.80339993805564	-0.51761475599256
C	1.74789998965849	-9.37139448083020	-0.81782934143621
C	0.60774783951840	-8.56615573217514	-0.98229388057413
C	-0.60635693675121	-9.13816577581481	-1.41386686517358
C	-1.75923768502022	-8.33046914101058	-1.52324822515302
C	-2.97142266404467	-8.90243880994203	-1.95755642361892
C	-4.14480299173941	-8.10900661122772	-1.95299877492245
C	-5.39674254562115	-8.71038545948280	-2.21747348786785
C	5.03918952413216	-11.83367654681116	0.21818679071608
C	3.99483691145213	-11.02421183425099	-0.28289946104921
C	2.70991905848675	-11.61744833794113	-0.55205868890206
C	1.61027471859891	-10.76573861132746	-0.94362488398144
C	0.44040199904036	-11.31800069786482	-1.41307002686604
C	-0.67569809659229	-10.51932073932837	-1.70964274999899
C	-1.88615626446902	-11.09313718525985	-2.17196667479699
C	-3.03107904439880	-10.28525942954539	-2.29419861167038
C	-4.28019653964649	-10.87258627897178	-2.63070685939233
C	-5.45680963503838	-10.08604126232412	-2.57706126224394
C	-6.71608023352786	-10.69150074139592	-2.79661561864405
C	5.76927508635728	-13.96183671329494	1.12017105876148
C	4.83313188644256	-13.20495725100536	0.44276720420876
C	3.60803428833021	-13.86572375531942	-0.12468719280062
C	2.47720699324422	-12.92648060484577	-0.32102469434800
C	1.08857142568612	-13.50602066835916	-0.45010419656250
C	0.43267936126719	-12.79999781604125	-1.64092260002130
O	1.31655895659601	-13.10330200238051	-2.73630202594090
H	0.97292982526201	-12.64898818782150	-3.51455564887054
C	-0.92043439009098	-13.35221154380389	-1.95814152335659
C	-1.97685158337038	-12.51665655856218	-2.32762186615951
C	-3.21800121849427	-13.09791762785722	-2.69603850825703
C	-4.35973549666194	-12.27062377996532	-2.87068291332733
C	-5.61614706467152	-12.86897457005973	-3.13050732413848
C	-6.78821217217328	-12.07392713953004	-3.11022512580368
C	-8.05080036571443	-12.67938541601167	-3.31475614237960
C	6.54190988584411	-16.12525200800219	1.97995326032097
C	5.52855830225400	-15.36444323465590	1.35380063132599
C	4.33156327771715	-15.96772550462461	0.97814528416506
C	3.15254188083694	-15.09599585104518	0.66924854966463
O	2.58189494154959	-14.62790785780179	1.90913470652517
H	2.40568966683504	-15.39725308350049	2.46801338447041
C	2.07389840273778	-15.78617349137933	-0.12554937624693
C	1.09408549179727	-14.99939605186492	-0.69498767662828
C	0.00209512960458	-15.56474790337200	-1.37921139293463
C	-1.04530073321423	-14.74441151079508	-1.92293286290039
C	-2.24309927555984	-15.33871148578681	-2.37929760115144
C	-3.33097254380734	-14.51189774271925	-2.75542670356728
C	-4.57507388420252	-15.10477727666674	-3.09601255855352
C	-5.71052265980040	-14.28141747761739	-3.28678170101605

C	-6.96953319266124	-14.87659557813522	-3.53491709828420
C	-8.13288241879008	-14.07223062892532	-3.57005343395176
C	-9.39477750777324	-14.66635675791822	-3.80609238026638
C	7.31131665132423	-18.27768212947595	2.85250107142040
C	6.34424835078584	-17.51336632077939	2.14710851999754
C	5.21010043876552	-18.12905221047448	1.57878716047324
C	4.17951925329677	-17.36456935772440	0.98303005620467
C	3.05710469545955	-17.99991930413428	0.37117181676534
C	2.04051472365215	-17.19293657380722	-0.23033985119426
C	0.94164329148970	-17.77337586611071	-0.89906982651053
C	-0.09868915329065	-16.97045279506825	-1.43945817885274
C	-1.26765530264670	-17.56012355677164	-1.98873026372791
C	-2.35622748527653	-16.75756868904785	-2.40768562280137
C	-3.57211380166266	-17.34189452002047	-2.83688164965874
C	-4.68569037525174	-16.52156535523225	-3.15784049373335
C	-5.92900203366653	-17.10517082471227	-3.50490589278875
C	-7.06840540660509	-16.28687953759475	-3.68923325610680
C	-8.32910923064792	-16.86489418363957	-3.98285055532123
C	-9.48589301099983	-16.06092312910060	-4.05770732113618
C	-10.74460432710721	-16.64081381738493	-4.35407220401998
C	8.06945679429856	-20.41491183403220	3.72730327224506
C	7.11561853439127	-19.67778336745920	2.98985314951287
C	6.00454956378721	-20.27857765128492	2.38033217669621
C	5.08524219544195	-19.53864363113959	1.62162107077648
C	4.03289715077045	-20.17753237633136	0.91636486343352
C	2.99470638268528	-19.42640555896322	0.27348298930012
C	1.92602138908383	-19.99135992941646	-0.48029762058589
C	0.87361554348365	-19.18994041164134	-0.99642245201490
C	-0.30495830024477	-19.77169194960202	-1.52287050351315
C	-1.38015047678131	-18.97922164038750	-2.02302684945811
C	-2.57734022452109	-19.54741796734057	-2.51096998224973
C	-3.68208571312164	-18.76385427564249	-2.93102691773183
C	-4.87550128945991	-19.31707043835075	-3.45372178381122
C	-6.02132317491907	-18.52283463151837	-3.68827668341712
C	-7.27248831084467	-19.06385135545499	-4.06248543840294
C	-8.43255565808674	-18.27692568935401	-4.14666101350532
C	-9.71864257425973	-18.85250973674503	-4.36155098596230
C	-10.84511102077583	-18.05208939038302	-4.54688828797669
C	-12.14369399944693	-18.59615059214387	-4.85501211407208
H	7.93963478287221	-21.47877838304435	3.84051275456724
H	5.90165297025626	-21.35043273959537	2.41743503070369
O	4.17955682493709	-21.50778602734643	0.86734554799932
C	1.86854119228468	-21.44536835027501	-0.77077394429335
O	-0.37979607374908	-21.10530057878640	-1.45092827274555
O	-2.62960241860101	-20.91476948767293	-2.56010021621525
C	-4.96691726355346	-20.75101458869561	-3.83717094869168
C	-7.41396428333272	-20.48073462150439	-4.49613468396570
C	-9.93065424317009	-20.27960074795178	-3.97478698544931
O	-12.33010678887431	-19.92885747089140	-5.07216407869710
C	-1.23380567197933	-0.01429582214447	-0.03571774649060
C	-2.59264422689681	-2.01108603021064	-0.43272858539989
C	-2.48945075924598	-0.60730177655832	-0.28199762929674
C	-3.65648196942542	0.19001287187038	-0.28532691827101
C	-3.94012503932790	-3.99450913517332	-0.90089281238417
C	-3.85057424179075	-2.60908170531581	-0.67046362835530
C	-5.02720270085550	-1.82773077954003	-0.66009350166362
C	-4.93510018630680	-0.41364525357101	-0.39720486125058
C	-6.07396778470947	0.33728401067045	-0.12270306797946
C	-5.26572959300229	-5.97199774525465	-1.48123332468803
C	-5.19152120365060	-4.59580857377049	-1.14973346635646
C	-6.37008893721073	-3.82457130303706	-1.01981778904231
C	-6.26151079488899	-2.44369165177247	-0.79688627793013
C	-7.48117870797960	-1.56782261027923	-0.82126011728127
O	-7.49728803245397	-0.98293244689001	-2.14114038866377

H	-8.27927490572493	-0.42308148616522	-2.22606477266840
C	-7.36214491378565	-0.38635716935388	0.16342063923522
C	-8.58490518535888	0.49117235248775	0.00246750792935
C	-6.58162183124842	-7.95664555422407	-2.02867112998729
C	-6.51933671680365	-6.59180131162454	-1.64669713864065
C	-7.70619793242502	-5.83771101680029	-1.42711252160303
C	-7.63490627455502	-4.46700335168855	-1.11451341323040
C	-8.82494670558188	-3.70022842872304	-0.93016899174558
C	-8.76883384210439	-2.32625367577165	-0.65871299469381
C	-9.92188933836233	-1.55386956962886	-0.50587725447269
C	-9.82416208833522	-0.13212604912440	-0.26539685984412
C	-10.98774229233480	0.66267050239610	-0.39124494928931
C	-7.90154355774959	-9.92754041308218	-2.63106371667364
C	-7.84198091616255	-8.57239431385623	-2.22226837355334
C	-9.02821949901900	-7.81836698108754	-2.02348948605383
C	-8.96719536335472	-6.46260294140448	-1.61418921634616
C	-10.15047345039665	-5.69838393119888	-1.47594591170776
C	-10.08597942707954	-4.32672701327097	-1.10964717519401
C	-11.25915032785079	-3.53818459688052	-1.06192634766427
C	-11.18422745824205	-2.15467420732834	-0.75764524775549
C	-12.34216747274026	-1.34272232209561	-0.84425461329944
C	-12.24351391579189	0.06031466418079	-0.67115178017145
C	-13.38965461800653	0.87411383141090	-0.83222784358697
C	-9.22865935767599	-11.90006964791736	-3.21762120584128
C	-9.16148419702340	-10.53290890477073	-2.85303174894720
C	-10.34479000671107	-9.77031160841905	-2.70421179622336
C	-10.28255552438040	-8.41544360604431	-2.29083548509731
C	-11.46389153905099	-7.64234052997140	-2.19086977089974
C	-11.40010458505054	-6.28482606741378	-1.79154787357957
C	-12.57344643747446	-5.49091178187203	-1.77516691792239
C	-12.50528637709684	-4.12159534847209	-1.41912965168494
C	-13.66193239205336	-3.31249366034837	-1.48429191704725
C	-13.58094606768742	-1.92495855796421	-1.20722334624184
C	-14.72973924153120	-1.11113598009549	-1.33862998883826
C	-14.63878842480265	0.28408821620925	-1.13768053291494
C	-15.79261023616154	1.09363406001804	-1.25133736488389
C	-10.56204798605030	-13.87377219566402	-3.77466554805655
C	-10.48933318334789	-12.49691397785894	-3.45156063786753
C	-11.66800513493447	-11.72519705754298	-3.35285029712563
C	-11.60001594748473	-10.36311614522773	-2.97849182889986
C	-12.77777197304420	-9.58336656247869	-2.90442722323816
C	-12.70961844109304	-8.22028074253037	-2.53993581548301
C	-13.88129352036673	-7.42539189565212	-2.54722431891432
C	-13.81006924920586	-6.05858223078141	-2.17079492061758
C	-14.97011121342090	-5.25580444546967	-2.20197194198737
C	-14.89811597213277	-3.88244438886744	-1.87478939226468
C	-16.05595775328246	-3.07430009471620	-1.95074521172493
C	-15.97411159865979	-1.69050742356601	-1.68633400225229
C	-17.13658009296034	-0.88978188238821	-1.74719266681861
C	-17.04880983423682	0.49854103478338	-1.51276981764043
C	-18.21538785391905	1.29558111314556	-1.51113630727520
C	-11.90238827046819	-15.83887495262132	-4.34433137968792
C	-11.81918935989726	-14.46323302310459	-4.03320327865563
C	-12.99400694826600	-13.68757323122539	-3.96232129322621
C	-12.92851614112273	-12.32167108752492	-3.61326063837466
C	-14.10479106474545	-11.54441396124245	-3.53355284810817
C	-14.03039832349945	-10.16874904496563	-3.21710741344041
C	-15.18991559876770	-9.36825677768872	-3.28217843805980
C	-15.10979699089738	-7.98565046369960	-2.96050456210232
C	-16.27347060937618	-7.17634597338222	-2.98797497503588
C	-16.21177748368681	-5.82515374450488	-2.58363739229725
C	-17.37782483021407	-5.02882635353331	-2.58457292869866
C	-17.30403906599849	-3.65141611636361	-2.28588375732126
C	-18.47293448651653	-2.86276583500161	-2.30582389481389

C	-18.39636840257115	-1.48205132838908	-2.02129534990773
C	-19.56613672505410	-0.69117632002606	-1.97172974449756
C	-19.48213933317650	0.68874546257496	-1.69376055276932
C	-20.65503009861875	1.46849834335077	-1.56537774685689
C	-13.23992847392477	-17.80153778656266	-4.90500206859623
C	-13.16840435443875	-16.41746032948316	-4.61293273576819
C	-14.32887423983878	-15.64395358016806	-4.60519588143071
C	-14.26152234822412	-14.27083267214420	-4.23551353285532
C	-15.41084784444466	-13.49391628244942	-4.11639142108188
C	-15.36872492731709	-12.14913196252065	-3.76281749209341
C	-16.53946768114242	-11.32664203285815	-3.77145384722627
C	-16.42821364063889	-9.95275487464256	-3.66024896493723
C	-17.52779705496118	-9.04820826646418	-4.09624865510799
C	-17.50760296122927	-7.71488175999538	-3.42532791687604
C	-18.65194162125505	-6.97319684760135	-3.31674930515656
C	-18.62489096361842	-5.62078447784372	-2.90078377920037
C	-19.79854150583529	-4.84122981383948	-2.89521975855637
C	-19.74071202325208	-3.45259774949731	-2.58817241373142
C	-20.89057288936073	-2.66004514945147	-2.50449161455103
C	-20.83714548572827	-1.30270084393840	-2.17660225587587
C	-22.00264210505172	-0.51302687900556	-1.98719180193618
C	-21.93085286584100	0.83699177466110	-1.66875676569411
C	-23.09272003034654	1.64326224215018	-1.45435431545511
H	-14.19583696753472	-18.23872072926805	-5.14218457077172
O	-15.47962109955155	-16.25773029703373	-4.91253795243875
H	-16.36560582160321	-13.95303688154712	-4.30365286629006
C	-17.88371653901504	-11.95498617657820	-3.83515620087878
H	-18.49893588710987	-9.50822601411295	-3.92369894870864
H	-19.60536008702380	-7.38762291719656	-3.60050065229021
O	-20.94840314900076	-5.47426110294398	-3.14701642994256
H	-21.85562235589394	-3.11137368632893	-2.67673478332982
C	-23.31913580533694	-1.20654066271772	-2.10294768428451
H	-24.06169413442953	1.17373347495610	-1.52126921913762
C	-1.12800987544371	1.38378701365370	0.16873708689542
C	-3.55565405129434	1.57085066036760	-0.02691152773747
C	-2.28922388821877	2.17829870652744	0.16383245509397
C	-2.18812477151543	3.57845405175378	0.33551564557229
C	-5.99339943691075	1.72351411329593	0.05479017140870
C	-4.72642386282913	2.35225280171706	0.05719807027659
C	-4.61937580862156	3.75740461144012	0.14299310103791
C	-3.35006215617260	4.37411584538126	0.25679698803240
C	-3.24180615968414	5.78146757511519	0.24304669382874
C	-8.46491137919778	1.87658178493871	0.05470229038791
C	-7.17311079557880	2.51815696767909	0.13378427462559
C	-7.03791290701881	3.89775144555973	0.04569121859412
C	-5.78701255533112	4.53342044829846	0.05339415609564
C	-5.67457352491830	5.95703996750297	-0.08658146745377
C	-4.39894342122685	6.56871214071405	0.03414251463962
C	-4.26804855089715	7.96148294136511	-0.15182694865927
C	-10.88704840767843	2.07571944353857	-0.32910517866000
C	-9.62595067409058	2.69155756697619	-0.13869928822858
C	-9.53285179496392	4.08870891867208	-0.22439959312833
C	-8.24093799496621	4.79164735956861	0.06808345578161
O	-8.33526225375955	5.30768646763383	1.39548162249468
H	-8.45157371060118	4.54594051952005	1.97607532819293
C	-8.07959535705485	6.06389156714933	-0.77301688210487
C	-6.78482762432009	6.73596354322125	-0.40725929769650
C	-6.68339188455147	8.12507127134513	-0.51310487319679
C	-5.41337442585152	8.74468478933605	-0.40782476478896
C	-5.28586505931042	10.13707976986736	-0.61800931382940
C	-13.29258105748363	2.28211861919453	-0.73104337529733
C	-12.03122979715392	2.88681789960565	-0.51589372995919
C	-11.92054223743325	4.29475023947726	-0.53649275075714
C	-10.64635519280960	4.89380283003819	-0.42886283617581

C	-10.52204865711632	6.32800811389852	-0.52633455148061
C	-9.27959796003306	6.93954599894327	-0.57577204991774
C	-9.13309655434740	8.32459303733036	-0.69121502691329
C	-7.84553652433055	8.92683451583836	-0.70874944151919
C	-7.72167664420911	10.31775165470621	-0.84143954151373
C	-6.43853367572374	10.92481435558811	-0.83340743870925
C	-6.31189160154092	12.31836690400005	-1.01489636869819
C	-15.69914270188799	2.49359267810146	-1.09193550687899
C	-14.43884553884537	3.09304211262454	-0.87543628248937
C	-14.33717164166421	4.50340265719649	-0.80409712672953
C	-13.07224421240747	5.10726958460085	-0.66986699960066
C	-12.95930878266032	6.51840588046387	-0.67723532004164
C	-11.68591289380081	7.12734080964426	-0.62659597687253
C	-11.56414643358100	8.52886947838477	-0.73922736816773
C	-10.29027877441913	9.13402311949536	-0.77183390505290
C	-10.16044198307294	10.53373573403287	-0.92389977165314
C	-8.88193590163049	11.12664577215230	-0.97569864158587
C	-8.75520318929662	12.52577167024045	-1.12500429394084
C	-7.47204133579097	13.11954052328219	-1.15771491169257
C	-7.34456918413601	14.51756854352604	-1.30342522165241
C	-18.12333289267005	2.68575406566855	-1.29659003053405
C	-16.86008224327315	3.29852554763357	-1.13484227442847
C	-16.76579965061431	4.70003678311288	-0.98763707203568
C	-15.49889911894399	5.31065124630421	-0.86803350353038
C	-15.39333155665311	6.71833054144152	-0.80547451667667
C	-14.11805771176423	7.32342258397498	-0.75547262414772
C	-14.00307563656935	8.73255784328541	-0.78725764520739
C	-12.72676969299634	9.33584462870615	-0.81975769171624
C	-12.59571055201219	10.73781416947963	-0.91635596663617
C	-11.32036582472504	11.34161815951498	-0.99560456961242
C	-11.19462953678732	12.74379377100032	-1.11415658167077
C	-9.91557507987570	13.33673471941972	-1.19837272079624
C	-9.78930494768346	14.74156787528612	-1.31803004530941
C	-8.50622457779447	15.32538970504208	-1.40091069859298
C	-8.37454439508326	16.72384698973250	-1.56746976622859
C	-20.56011138001589	2.84862726908231	-1.29937716529809
C	-19.29398389975619	3.47217789125106	-1.2108459986803
C	-19.20062433150383	4.86152509842693	-0.99548615973593
C	-17.93677255172580	5.49819399311542	-0.93523360490760
C	-17.83132649173605	6.89950430676845	-0.79610548274591
C	-16.56012472736120	7.52470945391942	-0.78520611064895
C	-16.44942658178336	8.93208602916250	-0.73533357252473
C	-15.16887638071102	9.53939967208947	-0.78147324074939
C	-15.02629043664782	10.94444665244479	-0.79458193891333
C	-13.75509140372745	11.54910308226791	-0.89845811477639
C	-13.62302342582176	12.95545574561927	-0.95151570515049
C	-12.35585303199087	13.56134859852813	-1.09155631494953
C	-12.22548049088661	14.97025509726693	-1.15883124131497
C	-10.95069988023080	15.56250715995308	-1.30771511582093
C	-10.81830651257648	16.96939165316424	-1.42598073212120
C	-9.53589972139918	17.53892581125930	-1.60672535250836
C	-9.38368623479022	18.93385775959460	-1.80014325341532
C	-22.99882063508990	2.96053041828403	-1.16788601406143
C	-21.73528871344188	3.62140556451765	-1.09516354932801
C	-21.63709102042791	4.98678256568255	-0.82197895641568
C	-20.37154964282927	5.64566218772319	-0.81397353310321
C	-20.23812020471208	7.02040488982570	-0.61125193956933
C	-19.00815495733132	7.69025901511893	-0.64304696334622
C	-18.88892748053743	9.10580346902362	-0.51740844007356
C	-17.62157074881395	9.75294846564988	-0.63932672452717
C	-17.44388519059870	11.13702175133686	-0.56109770683691
C	-16.18518623638855	11.76530179259330	-0.68402174201517
C	-16.03442403230867	13.15209490865172	-0.66370126114886
C	-14.78331780608579	13.77409556279404	-0.82574838040298

C	-14.62780866793365	15.16666846061940	-0.83811242558164
C	-13.38823608430161	15.79110901784749	-1.01590835535448
C	-13.22080597122909	17.20778430813488	-1.01176313863454
C	-11.98001563993186	17.80403341576494	-1.31075948348052
C	-11.80036976641140	19.20430912643637	-1.51337603709944
C	-10.54842790263669	19.75486511408446	-1.78967703844108
C	-10.37680785194137	21.14132362937580	-2.07350144411751
H	-23.88396469724670	3.55413554867725	-1.00010886689105
O	-22.78147509220607	5.65371609446354	-0.56886218933828
H	-21.12051786382407	7.61971398764037	-0.45574782807585
C	-20.13408381594668	9.88244635002509	-0.37414931330924
H	-18.29796220869686	11.78859476633624	-0.49880090058563
H	-16.90732813727762	13.77376139022929	-0.53522188785572
H	-15.51210677548779	15.77105596725538	-0.72099846361231
C	-14.37048547425767	18.02210497277599	-0.55157320819976
C	-12.93464438986219	20.16560191620803	-1.47752993551309
H	-11.24543367191257	21.77613170387046	-2.10859071701471
C	0.13479793886879	1.98350607160034	0.38742466583880
C	-0.92279396508344	4.18590806622132	0.51232457476191
C	0.23987548123675	3.38255547983008	0.56754095185616
C	1.51171032709597	3.99001259775555	0.70101926694872
C	-1.96593229048461	6.39035905040424	0.32544850434709
C	-0.81027454887237	5.59678537486577	0.51445898999446
C	0.46889835921050	6.20482022194816	0.57686563077345
C	1.62682937455362	5.40212191236404	0.71522374974487
C	2.90782588181135	6.00527522260843	0.69072219618563
C	-2.98397483957025	8.56594592184363	-0.13452364797154
C	-1.83583264297823	7.78482149958687	0.12184306058803
C	-0.55142575404605	8.38038324498775	0.09388637498283
C	0.59872758708948	7.59684829199056	0.34913350387418
C	1.88382476183814	8.18936355611197	0.27297907064332
C	3.03679990842240	7.39860217275287	0.47676431728280
C	4.31954220741095	7.98306356417972	0.34964677982680
C	-4.00347688341984	10.73261391078791	-0.63849412737667
C	-2.85058859912453	9.94409153942628	-0.41289516785450
C	-1.56569658949504	10.53181870813484	-0.48609925798584
C	-0.41530163374880	9.74849321359289	-0.24028636444014
C	0.87093013726634	10.33199044150368	-0.34362191585769
C	2.02042110960212	9.55212776475208	-0.08761697647927
C	3.30548650357946	10.13412406071392	-0.20678328632882
C	4.45617093456568	9.35158821091620	0.02655395718619
C	5.74174640804507	9.93622549946704	-0.06493692825879
C	-5.02873737933964	12.91244782129941	-1.04732950227556
C	-3.87122575683980	12.11575033551061	-0.89156367213396
C	-2.58522169720260	12.69990039594287	-0.98242283437366
C	-1.43112103114258	11.90412019417286	-0.80398956702307
C	-0.14564068996130	12.48410969089132	-0.91874148833911
C	1.00733300177260	11.69526464690169	-0.70054923870349
C	2.29263049013528	12.27980600778324	-0.79880807095312
C	3.44407891062224	11.49886904256455	-0.55258894377706
C	4.72894914846507	12.09293697206698	-0.60061403200170
C	5.87809567634176	11.31465903298942	-0.34012020708895
C	7.15778767210555	11.91878261065739	-0.29674754421326
C	-6.06035204475733	15.10939447221906	-1.34196174825811
C	-4.89786138743206	14.30696932880014	-1.23651979223820
C	-3.61238346474701	14.88727075303431	-1.35104450502060
C	-2.45349527338162	14.08263802904017	-1.24379211625782
C	-1.16893357467157	14.65823748172094	-1.38023948937493
C	-0.01287211373892	13.85947169267926	-1.22448544646146
C	1.27339776241826	14.44268897156250	-1.32072260387413
C	2.42774443598333	13.65556766823490	-1.10492445437780
C	3.71173700745706	14.25320433467240	-1.12381785713680
C	4.86323400894615	13.47763191697778	-0.85770702674462
C	6.13906435520210	14.08939289629814	-0.77915977929922

C	7.28268560160211	13.31429239832928	-0.47819214110481
C	8.54465984367988	13.93304770418677	-0.30788461915483
C	-7.09233847383844	17.30767586533697	-1.67969238390702
C	-5.92860621861914	16.50729730035214	-1.55258762422309
C	-4.63984537570850	17.07900114063666	-1.69734252812331
C	-3.48008886077909	16.27345265649367	-1.60129931230254
C	-2.19616831317275	16.84217231468597	-1.77411964526222
C	-1.03821625643182	16.04068209360714	-1.65315183006114
C	0.24734457576015	16.62107709885354	-1.76570059926363
C	1.40483148271959	15.82875677194914	-1.58401545795536
C	2.68768585424859	16.42532877657909	-1.59983420272521
C	3.84121210878088	15.64444984466201	-1.35084095471143
C	5.11520750903736	16.25476029190981	-1.25958290025248
C	6.26293590587686	15.48897337725253	-0.95224028688232
C	7.52520269023630	16.11297760955239	-0.77224393130404
C	8.65614285522799	15.33873408341457	-0.43017275231530
C	9.90094026962537	15.96792642394874	-0.18420583536166
C	-8.11394915563811	19.50997655883905	-1.99383406032708
C	-6.95419421496340	18.69691399870524	-1.92570868096580
C	-5.67006580961897	19.25617823248567	-2.09819988262491
C	-4.50851597293200	18.45731168301078	-1.99599329904799
C	-3.22884239414158	19.02190725214876	-2.18152842572901
C	-2.06611062417907	18.22568345433377	-2.05806565322505
C	-0.78296834006875	18.80205494398728	-2.18183685710454
C	0.37778560985434	18.01232638363642	-2.01261383262219
C	1.66096874649667	18.60625309154390	-2.03906751837487
C	2.81431465683090	17.82303812637453	-1.80988901891942
C	4.09192290143554	18.42759105501266	-1.73548828226537
C	5.23611557965021	17.65665953784013	-1.43266201460232
C	6.49868545023259	18.27108857985636	-1.25654933202670
C	7.64288479028291	17.52139466412498	-0.90723581631871
C	8.88610978780794	18.16513405801183	-0.66560232907927
C	10.00267929154706	17.38199897790098	-0.28300898332997
C	11.24885920629593	17.99240436528737	0.00960044808563
C	-9.15967238539304	21.71172246007987	-2.29020854200129
C	-7.95846811206475	20.91403326189183	-2.23902869380149
C	-6.69878359022692	21.43899574381064	-2.43563124543460
C	-5.53284248857307	20.64658948385268	-2.37392995497329
C	-4.26352981642958	21.19227639192865	-2.55686650078967
C	-3.10054838329492	20.41464357714996	-2.46218066876970
C	-1.81762282609611	20.96982545836528	-2.57652173757484
C	-0.65389293580199	20.20648764311720	-2.42244541833847
C	0.62691054114958	20.78022118434477	-2.45479634869191
C	1.78792964471615	20.01837745810009	-2.24344338644493
C	3.06499543788910	20.59480989120803	-2.20518821425747
C	4.21473578691191	19.83757049107718	-1.92534948043201
C	5.48042124425267	20.42207251046330	-1.78428497098859
C	6.60296147668871	19.67596302457414	-1.42012658252327
C	7.85544371838924	20.32123638773487	-1.18926307811634
C	8.99635844072389	19.59715635148557	-0.77100314909978
C	10.24333141025987	20.19256128455311	-0.38975624168500
C	11.35032251622565	19.41254925221547	-0.04828498478169
C	12.62421163887952	19.99592324084498	0.22079537731304
C	-9.12128259026026	23.16843978760832	-2.56139343638422
H	-6.58521440900986	22.49249188942291	-2.62877185701645
H	-4.17237641942098	22.24873351801013	-2.76064404139806
H	-1.72686087723908	22.03497183639776	-2.70705522393080
H	0.72340086848610	21.84981050442235	-2.56870753834452
H	3.15930786881626	21.66458200177909	-2.31461201061410
H	5.59222740814741	21.48440770765551	-1.93405999040792
O	7.81035544065598	21.63881079463214	-1.38086392595806
C	10.43364834231906	21.66126959164638	-0.26831332835521
H	12.76423387703328	21.05428096383068	0.08227021202353
C	1.29702562129929	1.18190076120896	0.36376283561008

C	2.67338983915221	3.18543745789849	0.66508334013731
C	2.56647960463958	1.78468080211303	0.49589361345669
C	3.72978503616007	0.98481874681397	0.40955436465537
C	4.06709798650168	5.19649565762407	0.72708679486036
C	3.95055737714991	3.78855862696115	0.71108357758752
C	5.11191096415643	2.98523664539648	0.64432307057658
C	5.00539504339773	1.58419571462831	0.50387990234397
C	6.17078173239723	0.78325481143747	0.46031336262982
C	5.47608374891887	7.18592134336155	0.48780778477122
C	5.34791426668096	5.79104911930837	0.65887093872311
C	6.50737530653884	4.98636065923262	0.68977608940162
C	6.39043249020316	3.58242810478351	0.68671761580418
C	7.55223953118120	2.78063244984800	0.69225701958266
C	7.44439467341228	1.37867122592959	0.59756182951234
C	8.60232559467299	0.57482392655973	0.68309138519782
C	6.89446198808155	9.15330960065961	0.15893042910327
C	6.76045716323986	7.77021819774387	0.39671758013142
C	7.91560108222682	6.97684316337842	0.55826236406821
C	7.78824658766913	5.58069421639825	0.68583961551786
C	8.94319368347857	4.78130846483004	0.80590720874000
C	8.82471026720246	3.37868982348892	0.81308630345857
C	9.97451437170471	2.57633729625723	0.95903242954315
C	9.86031998379978	1.17254938155552	0.91688145677655
C	10.99194736710766	0.36808094533563	1.16520935467448
C	8.30277547359544	11.14185296769283	-0.01130162349715
C	8.17653507667434	9.74894139347595	0.17502514777027
C	9.32222299537612	8.96654291181546	0.43858285820379
C	9.19579359138023	7.57220254993716	0.59554877466470
C	10.34047880156708	6.78173297854335	0.83424367157811
C	10.21505983012758	5.38190337086229	0.92555563010229
C	11.35315713952716	4.58370808625999	1.16354594120321
C	11.23030778034852	3.17942975393616	1.18988234998034
C	12.35532931368271	2.37752113061921	1.46930347010171
C	12.23079937993280	0.97162275583815	1.47769002723029
C	13.33653755073638	0.16717482779783	1.82577404730611
C	9.68134412187101	13.15744195502270	0.01905731853026
C	9.56873005820441	11.75409310610137	0.13892710713073
C	10.70462105280814	10.97402492160894	0.45833907381078
C	10.59125048978788	9.57296660428104	0.58065584175046
C	11.72621553950113	8.78841003276818	0.89141829353172
C	11.60730405590465	7.38643202591808	0.99833184612168
C	12.73612993556429	6.59318246795066	1.30533068580465
C	12.60966083055448	5.18990986881671	1.38613175172969
C	13.72978886929479	4.39120895311970	1.70629495113324
C	13.59771271479331	2.98642438101899	1.76119473053871
C	14.70370737346444	2.18128091661134	2.10918167994678
C	14.56982060208625	0.77501994853333	2.15306315750071
C	15.65725357869155	-0.02926633216654	2.55347376909665
C	11.02864437955448	15.18972706062721	0.17321027615000
C	10.93155775004541	13.77915254971175	0.25463512096145
C	12.06193090953848	12.99733203109479	0.59626863973901
C	11.95699058153906	11.59067286417983	0.68543797571352
C	13.08502904012597	10.80813328701374	1.02929242995616
C	12.98166593425829	9.40090784538750	1.11695547610769
C	14.10728899377602	8.60635587147310	1.45224367967945
C	13.99229237728223	7.20188729128017	1.54018764408235
C	15.11527379767880	6.40718489038977	1.88076672349029
C	14.98169470259687	5.00063100126757	1.96773310461947
C	16.08704700770320	4.19681152132300	2.32421547503878
C	15.94339446896840	2.79166356167406	2.41101872558004
C	17.03258185161767	1.98342532526989	2.80641334287627
C	16.88066870335431	0.58217358835935	2.90813510831883
C	17.94599570130899	-0.22344842106334	3.37625597415187
C	12.36251700974066	17.22169451047503	0.39311942244587

C	12.27110246205950	15.80947070732348	0.46041778734028
C	13.39546526425203	15.02594827649085	0.80882061179065
C	13.30879032554615	13.61576186290946	0.86828571207184
C	14.43821876498985	12.84014821462870	1.22189003097754
C	14.33060801768781	11.42898350414408	1.29842613032579
C	15.44493432505240	10.62987305355456	1.64314621064718
C	15.35706798480241	9.22032190592731	1.71602229765845
C	16.48412473809967	8.42905809061468	2.06349325004912
C	16.37017184771729	7.01747358751780	2.13894736692781
C	17.48387315437981	6.20664512572364	2.48662972886040
C	17.34398990838991	4.80385323242518	2.58817278272735
C	18.43994160752621	3.98946998767793	2.96728721997997
C	18.28102369087369	2.58964859465780	3.09707416404347
C	19.35518599972973	1.77249060866184	3.51601798356907
C	19.18838097494113	0.38063008174656	3.68011884473198
C	20.26337657927991	-0.42825353672712	4.12172025017366
C	13.68899855066214	19.26843489065466	0.64823791960869
C	13.60361987961415	17.83629935069752	0.74528313836608
C	14.69078090563759	17.05897152451226	1.08221939197010
C	14.65044956964220	15.64977580784475	1.06455233444405
C	15.79911181716411	14.87028690484842	1.31392271280247
C	15.70628404543561	13.45984649420397	1.47334902601221
C	16.78570930319364	12.64839272818597	1.84462952264581
C	16.68797179634529	11.25440216874489	1.93126539636326
C	17.78817688919571	10.45530804929552	2.29735556205608
C	17.73150556084251	9.06303251004946	2.35904100764259
C	18.85751585894835	8.23506343390232	2.70450064284573
C	18.75639847027702	6.80925160570052	2.74452122337713
C	19.84003931731042	5.98781633169519	3.07891788951022
C	19.71457979831817	4.58257010423577	3.21345380126569
C	20.77395021703640	3.74592087746328	3.59231393355011
C	20.61876477332970	2.37351683585190	3.77549402682123
C	21.68051257487845	1.54693068289334	4.20585471137139
C	21.52868465671135	0.18674213061107	4.36761265210740
C	22.60998938486916	-0.66040933525017	4.76123343407400
C	14.93992865093473	19.99233287099553	0.98421106935751
H	15.60489746304271	17.54995196280992	1.36779863636756
C	17.11182610440580	15.55339110757976	1.22170464680266
H	17.73502125771519	13.09809454042714	2.07617847366936
H	18.71656520056083	10.96230348467850	2.49575140614564
C	20.07897090423396	8.81518699514041	3.13364507347459
C	21.19740218880059	6.62051986453838	3.25325708373441
H	21.74458459572347	4.17146315065662	3.77637418822121
H	22.63794827815241	2.00203250628089	4.40882519507019
H	23.57241595954002	-0.20222160812896	4.93208647639999
C	1.19019950740623	-0.21848680786855	0.19388149930016
C	3.62471030098355	-0.41634689444570	0.25979730761653
C	2.35139474542346	-1.02118007868084	0.18392283861456
C	2.23996506469532	-2.42913698653155	0.12043559983696
C	6.06564888622400	-0.61984561166214	0.33926513680139
C	4.79016341817565	-1.21861967472076	0.24490141157012
C	4.68023593689964	-2.62404287800677	0.19528585018867
C	3.40476530248252	-3.23020181608230	0.14700322542587
C	3.29889493241840	-4.62956470262990	0.02108497833314
C	8.49162757408436	-0.82879033004135	0.61371624903502
C	7.22720349145143	-1.42326555793869	0.40834910220696
C	7.11523077799763	-2.82811949775058	0.36163706599492
C	5.84421461566731	-3.42464705888402	0.219703254449679
C	5.73594093078805	-4.82989479737539	0.14870080055537
C	4.46725517216449	-5.42863977605842	-0.00936412682562
C	4.36941236249267	-6.82224730257613	-0.15899923811813
C	10.86635533127210	-1.03710994805704	1.16467192005258
C	9.62618440168818	-1.63618449766437	0.85100090506658
C	9.49966783726205	-3.04124977199319	0.86633089114206

C	8.25456208527892	-3.63843163243328	0.57180963162556
C	8.12749982975256	-5.04316694645765	0.59527857192741
C	6.88020353954926	-5.63956398291269	0.30947263286374
C	6.75451411008864	-7.04489434692554	0.30764153654121
C	5.51169235986726	-7.63675091155343	-0.00061624343072
C	5.38045655012602	-9.04166318172364	0.00625542540840
C	13.19332137463228	-1.23520462554534	1.88878425927276
C	11.96159010235148	-1.83997176970367	1.55115907802534
C	11.80601179773672	-3.23925949356270	1.65246700067899
C	10.58473961998316	-3.84435127845139	1.28300882593637
C	10.42411053759734	-5.24201504742741	1.40460096876718
C	9.21034697386102	-5.84801493532132	1.01554646701570
C	9.04430274179676	-7.24426615634851	1.14419266987859
C	7.83349658281582	-7.84947926820489	0.73793700534693
C	7.65740673607868	-9.24127342601295	0.87675615546463
C	6.44424828046732	-9.84367431440223	0.46618164910395
C	6.24933475667323	-11.23121452356224	0.63783327816242
C	15.49997953436191	-1.42969042484581	2.66841982592993
C	14.26461041755553	-2.03511155327072	2.34378911494827
C	14.07527761239052	-3.42167576269170	2.53978448899996
C	12.85031415436612	-4.02973821892348	2.18378236299788
C	12.65661834859853	-5.41401486193423	2.38461579724130
C	11.44960653059528	-6.02692951289037	1.97974541031134
C	11.25152843536368	-7.41031748383667	2.18321206625262
C	10.05637941459685	-8.02535749847500	1.74636838376495
C	9.84913609029605	-9.40769117451523	1.95628451147618
C	8.65785678896782	-10.01873256915797	1.50249232944901
C	8.43512935076211	-11.39412463025265	1.73040833712125
C	7.23298739268161	-12.00392925223688	1.28898361530208
C	6.98809065885838	-13.36814690342552	1.54638063585653
C	17.77422952162041	-1.61399779459286	3.54301412788968
C	16.54194526012779	-2.22212613648540	3.20561925296679
C	16.34012480440624	-3.59999330392183	3.43825720220144
C	15.10346803407623	-4.20609049426749	3.11343966999396
C	14.89104922422418	-5.58173886634707	3.35767058639996
C	13.66711746387120	-6.19073803735605	2.99872431633435
C	13.45251124216205	-7.56747457040384	3.23862238278363
C	12.24399707059374	-8.18080282232292	2.83584674769139
C	12.02407722010840	-9.55741831818292	3.07198349470807
C	10.82588452249525	-10.17302330844454	2.63806840030705
C	10.59695273887448	-11.54717347163083	2.88086841780296
C	9.39825932767671	-12.15064935649329	2.43064042906664
C	9.15155573856869	-13.51971040925212	2.68604862109048
C	7.95742361150835	-14.12743209698203	2.23997821601613
C	7.71903704822729	-15.50834691021422	2.46728280645035
C	20.08954465710807	-1.81177617837402	4.30671021185352
C	18.83367383797096	-2.41350623023433	4.04052213337256
C	18.64145861752442	-3.79684185715696	4.24192476585725
C	17.38360957935405	-4.39254067995282	3.98039439015402
C	17.17185339900694	-5.76763623788325	4.21423603329947
C	15.92248911435773	-6.36801240111915	3.92966834241535
C	15.70878894026320	-7.74380797109966	4.16550852030286
C	14.46952011730213	-8.34777241251044	3.84567053391666
C	14.25054375700778	-9.72776662938110	4.07002932156513
C	13.02426480863027	-10.33359707700721	3.71114977964170
C	12.79871444803454	-11.71527832564488	3.93611993977205
C	11.58157760330813	-12.32077798764828	3.55141795304869
C	11.34579022202957	-13.69777568806791	3.79792314993476
C	10.12068621124143	-14.27868020735135	3.39004316100002
C	9.84180103488210	-15.63771568132650	3.65224441291865
C	8.66661094639600	-16.25886740659038	3.18735290098342
C	8.45323397288665	-17.65426388047495	3.40379005479090
C	22.45400917837794	-1.99287294946532	4.90935248581891
C	21.18677746071377	-2.63358073900119	4.71695272084380

C	21.00201208816654	-4.00465923563087	4.85890426579380
C	19.72475862056823	-4.62139274996286	4.67269569820375
C	19.49736584391966	-5.97505111047966	4.91168534288167
C	18.23989513414545	-6.57511830622266	4.70483441048845
C	18.01738492351667	-7.93878257740352	4.92475220038422
C	16.77435693685748	-8.54789799199973	4.67778026028416
C	16.54825255185358	-9.92113606075066	4.86310747258578
C	15.31471322136430	-10.53163400986866	4.58397154500733
C	15.09892132415458	-11.92428720191359	4.72639002982642
C	13.85201880621395	-12.51737368685412	4.46544609870596
C	13.62755062197570	-13.91606405212236	4.65304041822614
C	12.36465127796752	-14.50263598385462	4.40637431570775
C	12.03900818670445	-15.86380511496456	4.68545629742390
C	10.80744347991898	-16.38992760280110	4.35494022959080
C	10.58792582243099	-17.80356035064809	4.66432866174796
C	9.38746621944504	-18.42376258393644	4.12874878172710
C	9.17057173951625	-19.80397526916832	4.26779787704318
H	23.29958583954374	-2.59636244201138	5.19749143476807
C	22.16323323248710	-4.89918899494083	5.07614051940348
H	20.30571695013395	-6.61256334330835	5.23417539400144
H	18.84556760724219	-8.54275009619011	5.25588048411407
H	17.36412608446830	-10.53009824725217	5.21945656898998
C	16.32283097627825	-12.74751172974966	5.00230935431972
O	14.69073168169711	-14.61450653891734	5.07174928786513
C	13.01895737744548	-16.85481936648582	5.25406530119740
O	11.45210370084437	-18.39809161332623	5.32012139031641
H	9.90301864631610	-20.37902025024467	4.81351121859148
H	3.35389670490616	-21.98538560345906	0.66856557610938
O	1.84076681438533	-22.32810899757295	0.07379194987528
O	1.96074321725890	-21.75453659224213	-2.05782546590195
H	1.88264476744484	-22.71645669527602	-2.17011384616753
H	-1.24483236302819	-21.40641485688509	-1.80954927199911
H	-3.51202617141460	-21.24751111368874	-2.31854978525057
O	-4.91574155755526	-21.16637128965234	-4.96528312639017
O	-5.13025457022009	-21.58511517730449	-2.78721305884987
H	-5.39462708819356	-22.47210920991381	-3.08113840824771
O	-7.47317063006863	-21.46663520366223	-3.80161072234332
O	-7.53090278980715	-20.54781846471392	-5.82293852454356
H	-7.56569663204426	-21.47009543249711	-6.12512056224966
O	-10.04122581343993	-20.58301334068897	-2.81142828076589
O	-9.99837125437807	-21.20318598073289	-4.94069712801416
H	-10.13854811367123	-22.07419134080098	-4.53172633409897
H	-11.66973192246705	-20.26305599513817	-5.69616777601710
H	-16.15856014014287	-15.64107157631446	-5.25243584906467
O	-18.85815279813298	-11.51009449880734	-4.40142422242082
O	-17.94163943974950	-13.08697477705069	-3.13598107805340
H	-18.86212151437358	-13.35861819371426	-2.99223713026719
H	-21.58489379509981	-4.92357118893990	-3.63625074453294
O	-23.75633447356498	-1.68455440907137	-3.11762023880820
O	-23.95340612281672	-1.27114088331625	-0.93189031066038
H	-24.69599960122285	-1.89707885594098	-0.98413239518409
H	-22.59662055864442	6.59367457859195	-0.43665041435445
O	-21.10227717801308	9.54359659144954	0.27337257578044
O	-20.18083038415020	11.02412506463549	-1.08779280838953
H	-21.02725537861904	11.46690936207063	-0.91472186499183
O	-15.52824316279287	17.89902004474532	-0.88706345662966
O	-14.00854294789447	18.90852915926579	0.37720256453656
H	-14.80157966810758	19.32855371743383	0.77133384434749
O	-12.96544437269994	21.18056102910511	-0.82973737797326
O	-13.91676141296797	19.83830096309064	-2.32994705523751
H	-14.61285991454200	20.51669764768259	-2.32641579037289
O	-8.14907008774589	23.88610223439438	-2.53563397192980
O	-10.33218383986563	23.67495326458136	-2.84012525522575
H	-10.25647888676792	24.63042812619217	-2.98916887875991

H	8.69793745213275	22.05035749768901	-1.46135453188440
O	10.21184366735453	22.48926106507487	-1.13051696633389
O	10.88216128476298	22.03956757564198	0.92521193416662
H	11.00032036737953	23.00467219335674	0.95134899319973
O	15.76233365499417	19.64905602955279	1.79783160068580
O	15.06366772966500	21.14082661786961	0.30719673064309
H	15.89651760951105	21.57772402352832	0.54468855690978
O	17.35797282830042	16.36733359843223	0.34439406623868
O	18.01133961033941	15.21085215615939	2.11877653005144
H	18.85580151115622	15.66465204241371	1.96659624655181
O	21.16035426824693	8.01146382334600	3.38439136353082
O	20.30220703316760	9.99837696624727	3.38893088698368
H	20.80540456658257	10.22204769273758	4.89676441999280
O	21.87351145111905	6.18117480560679	4.38718459221337
O	21.97741895713187	6.30337773715929	2.12548461521005
H	22.83956437010375	6.73436906276673	2.21135369834811
O	22.49976049327624	-5.78051509192301	4.33008312299231
O	22.83709607549946	-4.64438047384273	6.22063006932775
H	23.60557878503976	-5.23354314097902	6.29708049733114
O	17.02214334960500	-13.16401769378562	4.11515506271170
O	16.59602324764612	-12.85676765079307	6.29202814427545
H	17.48660531889234	-13.22822332847423	6.44682230439521
H	14.58143135720911	-15.56597835521108	4.93069118666245
O	13.83768631823869	-17.43302824961731	4.55850872219660
O	13.13134111443672	-16.78767297556254	6.58146371493996
H	13.76141528680160	-17.45578172504791	6.89368976547494
O	3.95809805956009	-14.30419555781564	-1.44224051607559
H	3.21306828765966	-14.11726289272854	-2.03437304990838
O	0.35215052876016	-13.23357568965688	0.73727762742095
H	0.88870495426254	-13.57828949980355	1.47032300365018
C	1.10232203047463	-0.89699934143148	6.30671245153354
C	3.50413665339540	-0.37122447373590	6.30132664228752
C	2.44717851135702	-1.29356295526714	6.51488642595408
C	2.74071539583787	-2.64129252915433	6.84192878951214
C	5.90667433338941	0.12477286948069	6.20053736330797
C	4.84867622173915	-0.76952875890472	6.50820479807125
C	5.13604331078288	-2.09321484732209	6.92619277925796
C	4.08548520461655	-3.03712824105278	7.05868360021085
C	4.38907679206982	-4.40303379702991	7.29099395185692
C	8.30810251881739	0.58926826188977	6.00360708288344
C	7.25243107188599	-0.28713489097324	6.35767468454560
C	7.53950162130322	-1.59830206301086	6.80977115430260
C	6.48553219605604	-2.50867669762346	7.06920825922227
C	6.78504882148174	-3.86242733532620	7.36862111952098
C	5.73758046485067	-4.81193799295440	7.46546702371454
C	6.04517264379965	-6.18301343650849	7.65623884848731
C	10.71342874237421	1.06388934554720	5.85796684646065
C	9.65609808286462	0.18105459752822	6.17594812105053
C	9.94149584029265	-1.11345490457455	6.66255418095563
C	8.88770876377095	-2.01968445541411	6.93503682600958
C	9.18694158046335	-3.35335920650631	7.29207557822465
C	8.13647775613418	-4.28404060622334	7.47496238579877
C	8.44027116257991	-5.64837840871528	7.70705162378928
C	7.39493443298580	-6.59639001098010	7.79863960622733
C	7.70397103073304	-7.97129716697913	7.96176794649095
C	13.12456421752037	1.59215944237244	5.83271855412501
C	12.05363544797661	0.66777684152045	6.10571557642564
C	12.31344362719716	-0.57287022602099	6.67015509753152
C	11.28695982481919	-1.50128441866246	6.88364278293987
C	11.58674210220838	-2.84541283605364	7.23850694765377
C	10.54383768100255	-3.77286094218379	7.39108300038525
C	10.84396306696252	-5.14278844896917	7.61470048854365
C	9.79464430985356	-6.07377938419975	7.76912845870397
C	10.10161381751698	-7.44275240870888	7.95508527912738

C	9.05716939433842	-8.38844328973069	8.06432204557170
C	9.37166094325927	-9.75620533339874	8.21911589899422
C	15.49884197591272	2.12395910904232	5.91675882207659
C	14.44904383294033	1.20911610220727	6.00244426887956
C	14.72450861710645	-0.24811786981538	6.20323492575544
C	13.70738120451833	-0.88805253311568	7.15913696749030
C	14.00088310497753	-2.37089395003147	7.18936800447565
C	12.94688198266728	-3.27853040149779	7.31428012334519
C	13.24529617407622	-4.65280191282767	7.47420759614061
C	12.19161457203599	-5.58013314160733	7.63467368330875
C	12.49848346146348	-6.94588851426331	7.82002972178162
C	11.45010713855773	-7.87443080344870	7.99058885806765
C	11.75965003596167	-9.23838587328178	8.19304617425493
C	10.71816414724503	-10.17794780081893	8.31323607256155
C	11.02992178365150	-11.54686613605555	8.48249377067759
C	17.84153442421407	2.72049066592054	6.30529019254949
C	16.83968572242981	1.74227076991897	6.23184432566878
C	17.14809915589227	0.40305762968886	6.57916961687428
C	16.13335103721754	-0.55381259428411	6.64039179369946
C	16.41294321398094	-1.85001746703211	7.04044470945838
C	15.33253264936112	-2.79435744279210	7.18908300367518
C	15.64128821341007	-4.15811239608594	7.37495909508716
C	14.59140668991623	-5.08822984433515	7.50940894794622
C	14.89721752721872	-6.45575514853079	7.70991014891096
C	13.84719929614815	-7.38308266876121	7.84870296070356
C	14.15306296135929	-8.74517322276597	8.06766939588876
C	13.10659562356082	-9.67024470308255	8.25379447177476
C	13.40945786784242	-11.02201985809695	8.52144741930504
C	12.37133729356235	-11.96377801887513	8.63374767350764
C	12.67713050885305	-13.32438725281196	8.86718051571647
C	20.14225117438651	3.40248020251260	6.89155804032711
C	19.16111220757304	2.38950850266620	6.72458576752462
C	19.46995865669954	1.04868242839990	7.01810486627373
C	18.47644907264752	0.04417492287783	6.94608680359248
C	18.79349421127576	-1.29014031529644	7.27882976284012
C	17.75233104244465	-2.24778230701453	7.29445440327394
C	18.02700166486936	-3.61272449480191	7.53176735543394
C	16.99191481974026	-4.57486455881103	7.50459179966807
C	17.28883417332286	-5.93429851643050	7.71710347460675
C	16.24576173025860	-6.88193372516439	7.79402595912240
C	16.54892410007652	-8.25060447448466	7.96733983712049
C	15.49780013955263	-9.17977972605703	8.12976572769872
C	15.79217543671007	-10.52473989596828	8.45372188191850
C	14.75190219839176	-11.44413547339946	8.66716280654220
C	15.04054065733688	-12.78153749792226	9.02584363433741
C	14.00950375057027	-13.73214548963939	9.12113137660470
C	14.30675623161655	-15.08630569630477	9.43120984203060
C	22.40193100930146	4.09140099013306	7.55331050391014
C	21.45067733904857	3.04526926640899	7.33336506029669
C	21.75373813165970	1.71656628939931	7.55122388072362
C	20.78737055280122	0.70320316958347	7.41214108674833
C	21.12279980123634	-0.64474017561356	7.68789888960688
C	20.13170377133237	-1.65954505569592	7.67687328428255
C	20.34322973056024	-3.00848735174826	8.08170369909238
C	19.34977927641943	-4.00299769949337	7.84524801937436
C	19.66205796069357	-5.38666413955523	7.89253703387327
C	18.63626452047964	-6.35635666016668	7.89035537929153
C	18.92422943868115	-7.73928748736519	8.05691455093487
C	17.89807350096687	-8.70377280646160	7.96751961280568
C	18.14631988401607	-10.11704658237903	7.95998001572737
C	17.13534264660711	-10.98503468854564	8.48051683588314
C	17.40894261320108	-12.27000395880615	8.97874954833110
C	16.37339937064670	-13.15769851524525	9.32572519040908
C	16.60137431478118	-14.42550801947539	9.96033537852910

C	15.62356084285519	-15.43372475446970	9.89566028634508
C	15.80368411354059	-16.82204723619678	10.26328979972874
H	23.38658503758518	3.80816688199000	7.89627104167270
H	22.74494978369145	1.43504183314641	7.86996064367002
O	22.42510126136191	-0.84356728405565	7.91215875947944
C	21.41902018500433	-3.42359871260455	9.00115922153122
O	20.92656947771200	-5.81946954613759	7.89391754271074
O	20.15616726493444	-8.06715818132048	8.43801750870941
C	19.18122357489813	-10.72266530040671	7.14656959620578
C	18.83425264940656	-12.67270526625518	9.08456701174890
C	17.76955776203354	-14.38013722307388	10.87307356296209
O	16.94338425363248	-17.33828053326679	10.76990390412107
C	0.04948782511676	-1.84742386448975	6.41479408014222
C	1.70327656346886	-3.60861537158260	6.82976612512158
C	0.35874155433395	-3.21773372642178	6.60460466662939
C	-0.65701417654120	-4.19969731787871	6.45829036275528
C	3.35811328464851	-5.37513757053127	7.22913740707919
C	2.02111276199219	-4.98295237927711	6.96697232137716
C	1.01595975808588	-5.96321430171596	6.77036417321551
C	-0.31716868482817	-5.57538471437296	6.48645424636265
C	-1.29656794896319	-6.55779112880200	6.18995406377071
C	5.01147063947907	-7.15192972371482	7.61971359125089
C	3.67383753705115	-6.75126003608817	7.36008877897530
C	2.67246671252775	-7.72693879408618	7.14547612112668
C	1.35260000959324	-7.33784351087825	6.81370597473077
C	0.38110052317297	-8.31770196371978	6.48752726358951
C	-0.93719667807258	-7.92940195626249	6.15240559469922
C	-1.88375300332847	-8.90675199416962	5.74960968116782
C	6.67228790297176	-8.93423791518109	7.94450277478705
C	5.32540815175703	-8.52588509799217	7.75085084399504
C	4.31826683258294	-9.49993079380563	7.54807171660112
C	3.00943472234683	-9.10468541414539	7.18965174262858
C	2.06285308730313	-10.07315544513167	6.78420057552181
C	0.74737871487320	-9.68576070002161	6.43307485821137
C	-0.17734239909090	-10.65195777387165	5.97128018127181
C	-1.49677068123033	-10.26676960952849	5.63507087530945
C	-2.39976931538778	-11.22080177440163	5.09486296707930
C	8.33820362788568	-10.72154753435217	8.20378862457094
C	6.99864648295016	-10.31295606952739	8.02717382921024
C	6.00485491368549	-11.29807577033903	7.82679325540058
C	4.66681889626770	-10.87392680524497	7.50070819322151
C	3.78298926304233	-11.78446679681684	6.93930035388386
C	2.47504812248647	-11.41711003593223	6.60387925549823
C	1.58118079162099	-12.35706881204494	6.02376978870715
C	0.25454467038867	-11.98952701881316	5.74585552250883
C	-0.62657141925784	-12.92133782871622	5.12912420793932
C	-1.95081318326890	-12.54183942134774	4.81525790852454
C	-2.78751050203562	-13.44015535396612	4.10209429042221
C	10.00096968461799	-12.50570657237891	8.45086002993446
C	8.66184311995153	-12.09474142432967	8.26620837385012
C	7.65611408472788	-13.06676581009974	8.07358993173463
C	6.34911584601174	-12.64648132328309	7.83564670130966
C	5.28287299364574	-13.67081280602819	7.55814793455688
O	4.57674139076091	-13.87453568666764	8.78102336282168
H	3.92743765435402	-14.57624693407637	8.65212351435625
C	4.36370790420490	-13.08935730739018	6.48182929053787
C	3.33866956993631	-14.08215652671728	6.03941994307613
C	2.04233351552330	-13.67246490518739	5.71866880820393
C	1.17617825577549	-14.58568966241553	5.07188610994483
C	-0.14434087855605	-14.19839145756204	4.74916777908185
C	-0.96586785415192	-15.08303703997531	4.01122131624365
C	-2.28454762037818	-14.69951526403704	3.68262296619267
C	-3.09250280092075	-15.57318815700457	2.91357941526465
C	11.64933114646838	-14.27949545668843	8.80313599765697

C	10.32373158572820	-13.87711523650713	8.53942349045667
C	9.33035673951595	-14.84791152974940	8.29133306014524
C	8.01937858018741	-14.44652617241399	8.00851789075248
C	7.10340371868681	-15.40129774436630	7.50920700456338
C	5.83305211535969	-14.99465316748617	7.09194961860779
C	5.03517449078090	-15.84305404190770	6.34306736282606
C	3.76103453241391	-15.39743070973741	5.84527326651302
C	2.93561663018013	-16.29386134424243	5.13784830943869
C	1.65568742675771	-15.86943618795160	4.71926844356531
C	0.83765902977520	-16.74961272717736	3.96943737085149
C	-0.46281328721067	-16.34524100588347	3.59814898472623
C	-1.27804856719354	-17.22610791133910	2.85030337758004
C	-2.58624316683856	-16.83292435881661	2.49787747175731
C	-3.41291534498243	-17.72571881226057	1.77286684050775
C	13.27140281183769	-16.03941768583772	9.32423834693917
C	11.96232112821991	-15.64890870430704	8.95721034672428
C	10.97743899324903	-16.61576666524712	8.68865141900568
C	9.68646558978316	-16.22603474823887	8.27553078316452
C	8.76566319487163	-17.18230790732995	7.81560994782760
C	7.50932039192443	-16.75058478926519	7.33208149970255
C	6.65827224794066	-17.65587271580869	6.67595500924863
C	5.44940860090614	-17.18662063007752	6.11720742200725
C	4.62508396481891	-18.05823315905650	5.37925520642702
C	3.38954894470707	-17.61025531543864	4.85901675391384
C	2.57792141333405	-18.47901606132958	4.10429339906701
C	1.31659635338206	-18.04266210831754	3.64012076624503
C	0.48968148796768	-18.92841194696120	2.91598356161756
C	-0.79848419582479	-18.52060970639719	2.50893210290348
C	-1.65019181695037	-19.42564520557762	1.83060836328651
C	-2.94819391781556	-19.02839377475085	1.45565526201440
C	-3.82132533964354	-19.96468162910070	0.84576771871509
C	14.81809440809902	-17.74488530680556	10.06198922244718
C	13.53101931794428	-17.42048180730130	9.56411879700092
C	12.55998230424293	-18.38150745732149	9.27131954766534
C	11.28413099945785	-18.00185796333860	8.75813747512883
C	10.36023881362813	-18.94212031442741	8.31610462060365
C	9.10151820368591	-18.57187308379908	7.81406056900738
C	8.17881289781254	-19.49420951006626	7.26496403621076
C	7.01086164805294	-19.04378512517632	6.59541606176259
C	6.16507743289324	-19.89088577745582	5.87253001766919
C	5.01703409558049	-19.42033738914798	5.22605523964805
C	4.21840803877902	-20.26674630239240	4.44137149210238
C	3.01696045959900	-19.81865657586209	3.88029549752381
C	2.19135726832180	-20.69342033481066	3.13642404939999
C	0.92240988707999	-20.26277838369160	2.66510009644979
C	0.05399581984924	-21.14254278233848	2.01890385651503
C	-1.21209373438238	-20.76086140029651	1.59143540986246
C	-2.08849994244451	-21.68145993011620	0.94911012513122
C	-3.39021609374328	-21.31038114462758	0.62476654730863
C	-4.35590942252789	-22.25831799273496	0.16948217169766
H	15.08404682054796	-18.76141799477525	10.31968888817049
O	12.77593267466403	-19.70289947601966	9.43176225018004
H	10.65293232580728	-19.97770524707758	8.33984460351491
C	8.39731142972221	-20.94783221103973	7.41467159016615
H	6.38992249340312	-20.94155283715527	5.80743442297299
H	4.46687121438866	-21.31177429394557	4.36183918580034
O	2.61316522439189	-21.95382284043233	2.98642566149855
H	0.33141060186160	-22.17222650663605	1.87310253815830
C	-1.59674398987223	-23.04007878468866	0.63916249533336
H	-4.07356715825999	-23.29607578183204	0.10428652625558
C	-1.29228992170670	-1.45804126275416	6.17326228251697
C	-1.99776580299044	-3.81407296405517	6.20488147136413
C	-2.32383783488575	-2.43686453467892	6.11163564301704
C	-3.65609165834173	-2.05277665097672	5.81061773620286

C	-2.62724627800911	-6.17145544750995	5.89564870590940
C	-2.98779200534464	-4.80018213722933	5.94204778733193
C	-4.32300132758164	-4.41516536420265	5.65654765553522
C	-4.66513264228900	-3.03752120563687	5.62756626787165
C	-5.98610391219222	-2.64633849109897	5.28817872392317
C	-3.19915441604851	-8.51426831093584	5.39942184482718
C	-3.57951764446397	-7.15078685899230	5.50682868260640
C	-4.90001650819635	-6.76023820095700	5.17309145647753
C	-5.28380307974076	-5.39743690531502	5.28898156572650
C	-6.59732672400107	-5.00232294750480	4.91690282242166
C	-6.95687532248449	-3.62799057283501	4.94875857323655
C	-8.22845189775765	-3.22260149269568	4.46468479585704
C	-3.70434630478072	-10.82531818393806	4.71826394219153
C	-4.11555039913378	-9.47817333128342	4.90309040779272
C	-5.41671905309917	-9.07874262937946	4.51110843753839
C	-5.81123014773115	-7.72253634370265	4.65765006028089
C	-7.09320484917748	-7.31187218487394	4.21312597907663
C	-7.48899392692720	-5.95648805419583	4.35219349703887
C	-8.74143612415945	-5.53918976817392	3.83324390948851
C	-9.12055058338135	-4.17787018090409	3.91162607879783
C	-10.35378880185181	-3.76057319997243	3.35131682426281
C	-4.10187483038249	-13.05133921670099	3.74962356434471
C	-4.57266897169581	-11.75564404278876	4.08433234070280
C	-5.87253478559650	-11.35812690585255	3.68967567901286
C	-6.29706357672978	-10.02139050580977	3.91067260716477
C	-7.55401763314669	-9.59496383855962	3.41496079560132
C	-7.95129506388174	-8.24298962529372	3.56710123259253
C	-9.18999608451826	-7.81393649394445	3.02968415236737
C	-9.58743191322287	-6.46460896455001	3.16824911658586
C	-10.82844600484440	-6.04357243032506	2.62963335980014
C	-11.22304085215078	-4.69552730625792	2.74177911514845
C	-12.48905709125337	-4.28877348816522	2.25536014062981
C	-4.41039184276711	-15.19195339211123	2.57773421315769
C	-4.92023684885848	-13.93808671082711	3.00147818100419
C	-6.22838848883880	-13.55169843085108	2.62956373430556
C	-6.70440963675081	-12.26219186338590	2.97358509394983
C	-7.96286145493433	-11.83514797076013	2.48548569303918
C	-8.38567966982071	-10.50181223682113	2.70314640157772
C	-9.61541253170113	-10.06356882349170	2.15620432165120
C	-10.02581931458403	-8.72368616967371	2.33107954438018
C	-11.27523947840641	-8.30082672698233	1.81612074992636
C	-11.68745244307956	-6.96435866989076	1.98158667178545
C	-12.97136993392910	-6.56442954098965	1.53853167005564
C	-13.38529322156907	-5.22957192422346	1.70083243000856
C	-14.70359516940443	-4.84707790629475	1.35444580175775
C	-4.72306121831940	-17.33966189487676	1.42521720940766
C	-5.21895421678394	-16.06775614075048	1.80788512593082
C	-6.52616556253252	-15.68559986570705	1.44128545686429
C	-7.02589380594452	-14.42118605783040	1.83645841438678
C	-8.30308219107991	-14.01152831858620	1.39652734164021
C	-8.76228299704866	-12.71133181737694	1.70203220740299
C	-10.01022760445035	-12.28413219727267	1.19626397849749
C	-10.44249589003832	-10.96099640611057	1.43003641439571
C	-11.70931834417881	-10.54320603953095	0.96142834014272
C	-12.13867384501666	-9.21831328259868	1.16687103276506
C	-13.44282867927590	-8.82948680748117	0.77629878192611
C	-13.87056116714932	-7.50557947351520	0.98172973470365
C	-15.20563776183383	-7.13612393775742	0.68475934768212
C	-15.62896919488910	-5.80885063031072	0.88797273887540
C	-16.98146700287892	-5.44571276782786	0.67171943486603
C	-5.12576949526485	-19.57539706245474	0.49775342655416
C	-5.56710868850751	-18.25151012269411	0.74632415860137
C	-6.86876826618898	-17.87169130468961	0.37589010889281
C	-7.34206854639084	-16.57441122238952	0.68641744908594

C	-8.64251193334536	-16.18465655159975	0.30954179873319
C	-9.11386917611872	-14.89117485930454	0.62721037523740
C	-10.39917868727291	-14.49692292998056	0.20167472427143
C	-10.84396428265517	-13.18434084253047	0.47496802790425
C	-12.13952599174214	-12.78117881083542	0.08949593572880
C	-12.58338304967414	-11.46969825388905	0.33680866539877
C	-13.91040502198835	-11.09893499367988	0.02368696270150
C	-14.35265196304729	-9.78329825175659	0.24823278039945
C	-15.70470657567283	-9.42979594897187	0.01322547477107
C	-16.13606492417607	-8.10800002515976	0.23475531503199
C	-17.49548668154780	-7.74917496160131	0.04091033663376
C	-17.92210030887241	-6.42646705037095	0.26999485013342
C	-19.29155475648636	-6.07114438854209	0.14386785601852
C	-5.61617823393302	-21.88562004905757	-0.13985319670655
C	-6.02772834303263	-20.52746887896350	-0.04609701107427
C	-7.31005673061244	-20.15218515662449	-0.45266390146060
C	-7.73750148957971	-18.79723544673503	-0.27946027144936
C	-9.00990515291623	-18.39182423638515	-0.64682674907386
C	-9.50341127047306	-17.11437253051585	-0.34706479496530
C	-10.83354951173758	-16.75695834716525	-0.65493595003365
C	-11.27862514437927	-15.42827230178517	-0.44986206393431
C	-12.57032731263060	-15.01380021025390	-0.77609824941250
C	-13.03013434566791	-13.72183588487828	-0.51109674292561
C	-14.35773042759501	-13.35539994243640	-0.75905844127571
C	-14.83019739619096	-12.07373709374028	-0.47144519912127
C	-16.18495726933011	-11.73030875919720	-0.60800125382481
C	-16.64867676017846	-10.44202228620101	-0.35514666190602
C	-18.02836643890171	-10.08985390649953	-0.40158512115139
C	-18.44473564168957	-8.75259395317317	-0.31803316586677
C	-19.79265904582718	-8.35328232000109	-0.55866014260923
C	-20.22965232664994	-7.06224969496296	-0.27623357766175
C	-21.59260570012171	-6.67031363007025	-0.41902527469682
H	-6.34959191511309	-22.60484040641563	-0.46509991825236
O	-8.09463932083133	-21.11263464183349	-0.92434557003907
H	-9.66357130181603	-19.07602103982683	-1.15972217585679
C	-11.77441088833966	-17.85173565622211	-0.98711940474325
H	-13.25422850152387	-15.70104594291894	-1.24316194105173
H	-15.03940962185351	-14.09034910151635	-1.16066235378734
H	-16.87642622924961	-12.49597322985853	-0.92072066125600
C	-19.05091170750594	-11.15667274981667	-0.30714657517806
C	-20.71116977157417	-9.28970981481816	-1.26086347883552
H	-22.30606730764304	-7.41289827935034	-0.73625431137298
C	-1.57485840264702	-0.11230761436095	5.82228613146816
C	-3.95273924385333	-0.68476601403353	5.57947157610664
C	-2.90857416631921	0.27581950477364	5.54315197944107
C	-3.18353598579681	1.61156632555956	5.15400608782737
C	-6.29606049107067	-1.26936141476222	5.14307317022785
C	-5.27732369919474	-0.29219339252014	5.26983559594529
C	-5.56279197566433	1.06997326217583	4.99891649352143
C	-4.51791387036199	2.02011777167475	4.92732528904830
C	-4.79908549164816	3.36506017180315	4.57928622979070
C	-8.55682980500211	-1.84691906176380	4.39297487690244
C	-7.59317140698594	-0.87061202533584	4.73628620793927
C	-7.89678488199899	0.50173579875618	4.56531845426505
C	-6.88607877861348	1.47649809816400	4.71081092135953
C	-7.18037449437430	2.84391094052685	4.48714203340090
C	-6.13720402460525	3.79328613175017	4.42236607978228
C	-6.42473761651342	5.14618545605110	4.11342798446660
C	-10.71646375042210	-2.39728119849550	3.36878494029689
C	-9.80751078089198	-1.43985895707117	3.86836120664402
C	-10.14106722463396	-0.07003301589195	3.79184095167128
C	-9.18711997693758	0.90399515686685	4.14977412078233
C	-9.50672354090418	2.27521952647336	4.02357999688534
C	-8.50908968942598	3.25391216833044	4.22480692168738

C	-8.81209933101099	4.62364530512477	4.02868013024326
C	-7.76429132943623	5.57612780169793	3.97301136050157
C	-8.04694215306203	6.90571651373789	3.57533374891555
C	-12.88288563014366	-2.94139319790212	2.35262590141641
C	-11.97455237327385	-1.99094059828655	2.86349003481562
C	-12.34315907670406	-0.63238957537052	2.88281224204533
C	-11.41207090525064	0.33043432340640	3.31910275620133
C	-11.75950766686016	1.69528946541036	3.27090626988249
C	-10.80211217267960	2.66938264195774	3.61571001762849
C	-11.12606827996866	4.03652105605279	3.48455152719187
C	-10.13067264100018	5.01456985545578	3.68135410673965
C	-10.42064055547309	6.36232760797198	3.37420696529964
C	-9.37794601016090	7.30662664820560	3.31798747727424
C	-9.66329337170556	8.62956142882864	2.91470033763876
C	-15.11717426050484	-3.51230744541750	1.52087434169841
C	-14.18741971670918	-2.55063188551061	1.96890013801504
C	-14.58144693793591	-1.20380546283562	2.07285050548967
C	-13.64098470369995	-0.23913311200504	2.48170386648491
C	-14.01588849293884	1.11674190769375	2.51823833308133
C	-13.05860719750790	2.08565628856103	2.87169912316125
C	-13.40997298148847	3.44744718317811	2.82823483862221
C	-12.42874087904698	4.42070019473831	3.09019996972627
C	-12.75248684428288	5.78129624130301	2.93038702125629
C	-11.73651330125609	6.74731500383307	3.03023187798356
C	-12.04095175611696	8.09718368342312	2.75750954050765
C	-10.99899792314375	9.03796729004834	2.69448822442599
C	-11.30087879435584	10.390274666331543	2.42750851198142
C	-17.40536040643607	-4.12082779190314	0.89347788201790
C	-16.46229302990409	-3.14128406785928	1.27885793722530
C	-16.86805917578463	-1.80319774321771	1.45030941004646
C	-15.91742920669679	-0.82381988228106	1.80158851550492
C	-16.31082207556717	0.52382032564819	1.91745711699807
C	-15.34669160036641	1.50166867050066	2.22907740207129
C	-15.72025695204255	2.85889616492904	2.28028832524303
C	-14.73749498609306	3.83485878058201	2.52845236681737
C	-15.08711870470631	5.19898690660787	2.49685357810802
C	-14.08174203659283	6.17121171456891	2.64584301616789
C	-14.40739515325596	7.53737345276762	2.53006899531058
C	-13.38161689595824	8.50042734000104	2.55342329620980
C	-13.69416961891371	9.86873039709492	2.39903541451969
C	-12.64939333915728	10.81048935550921	2.33801580633026
C	-12.95569024149066	12.18547768757728	2.23730305500243
C	-19.71991498238074	-4.75428226772213	0.38607158373258
C	-18.77214832409972	-3.76332014654065	0.74923201107086
C	-19.17792525382730	-2.43281777477950	0.97210107358104
C	-18.22903949000797	-1.43744020528311	1.29254456016911
C	-18.63142096278853	-0.09754501251114	1.47113164529107
C	-17.66935648320609	0.89696719572263	1.74905177415048
C	-18.05300649037031	2.24886328967463	1.87812545176390
C	-17.07535093340283	3.24077568775602	2.10227125761548
C	-17.43660727196002	4.60430406671316	2.16498830739959
C	-16.43848932547780	5.58861719306941	2.31771885767651
C	-16.77351728067791	6.96053653419152	2.30806363929022
C	-15.75836375351764	7.93514141743520	2.38680274698398
C	-16.07066376673033	9.31343690966771	2.33057359582601
C	-15.04972303103315	10.28297354501239	2.33000311854526
C	-15.36704431433566	11.66527778004285	2.29615847796099
C	-14.31303873808875	12.60717524515350	2.27692607833099
C	-14.58721366056277	13.99447393585149	2.33142161397283
C	-22.02715552123250	-5.40804591898192	-0.14904553220382
C	-21.10046372079848	-4.37988699661281	0.26473032199993
C	-21.48490200957068	-3.08433185838899	0.53752271008543
C	-20.55576850885076	-2.07348033095710	0.87922223297167
C	-20.94527093318190	-0.75394639776757	1.10081326851041

C	-20.01216528361983	0.26457380748666	1.37660886145277
C	-20.37756175273083	1.60754599326181	1.55238023671123
C	-19.43199534499552	2.62033960188819	1.78466044493297
C	-19.77454279466493	3.97968134601665	1.91798717344169
C	-18.81318747857531	4.98759941710569	2.07635792093312
C	-19.12977166382128	6.36295939573006	2.13541096332008
C	-18.14479391292009	7.35327715407531	2.21564974549745
C	-18.43865926946914	8.73545639105419	2.17939878321055
C	-17.43291715875475	9.70666318758466	2.24443330515386
C	-17.74486964208364	11.09767755494275	2.16222332797425
C	-16.73718661149996	12.09277056788455	2.29424796182167
C	-16.97729614086839	13.49158901576052	2.45159277235857
C	-15.93665649047008	14.42595083998599	2.48234625348168
C	-16.16504682081161	15.82847173273543	2.65333075813875
C	-23.46591554659275	-5.12372831865969	-0.35562392894501
H	-22.52330440282353	-2.80485289737166	0.46955059744329
H	-21.99396433009870	-0.50181662728052	1.03790180542577
H	-21.42405364467272	1.87204104266232	1.49471014541733
H	-20.81920434389754	4.25362529610713	1.87535269610695
H	-20.16744460936308	6.66162367157313	2.11820051763945
H	-19.47026699805941	9.04806402583753	2.16902856162187
O	-19.05601970302420	11.34189845600334	2.01905245474607
C	-18.34753072844862	14.03076406955845	2.65047121347635
H	-17.17013162660067	16.19501901373245	2.78626918387967
C	-0.51797377003877	0.81710421415082	5.63599788451288
C	-2.12824758967261	2.53268578393778	4.94854828212406
C	-0.79078382517287	2.12452443275945	5.15856420625091
C	0.26688206718416	3.02445779241205	4.87675942960115
C	-3.74477307344324	4.27980950799310	4.35904135376394
C	-2.40616296242113	3.85272110305530	4.51260939490076
C	-1.35089841222173	4.75644747328857	4.24765268610781
C	-0.01155294121484	4.33412821264783	4.41078822311878
C	1.04388431240521	5.23930775973574	4.14459137390893
C	-5.36862049560377	6.05036083785968	3.86084364214911
C	-4.02899529696908	5.61203062950262	3.96971909583581
C	-2.97392555727200	6.51536197875346	3.70793687032081
C	-1.63435602323910	6.08508655842657	3.84385575005063
C	-0.58057832423374	7.00008808588554	3.61555159758155
C	0.75970356280237	6.57341695953559	3.75927339168020
C	1.81278296250333	7.49491206979007	3.55261858583570
C	-6.99219830326011	7.80848949727923	3.32799944158872
C	-5.65271153672554	7.38029705768653	3.46764220140195
C	-4.59870415688989	8.28266446585859	3.20475202843224
C	-3.25900862888704	7.85279001511573	3.33750988817639
C	-2.20643654945721	8.77122978873353	3.12580844101869
C	-0.86685965676780	8.34426632143953	3.27064018001431
C	0.18505288735853	9.27031375113350	3.08410282824255
C	1.52484182628536	8.84336489988892	3.22476119469444
C	2.57654824130281	9.77227089634349	3.04684337679089
C	-8.61410028244084	9.55183024971595	2.74190911946025
C	-7.27617529861532	9.13184895335857	2.91375080685886
C	-6.22506960758724	10.04664707010808	2.69618354551199
C	-4.88514513035698	9.62163977153087	2.84130173365521
C	-3.83443314961428	10.54434777209960	2.64851699172162
C	-2.49454923823967	10.11877308828261	2.79442721731037
C	-1.44378989948867	11.04624139820944	2.61789678448882
C	0.10406687157638	10.61977525584475	2.76082295014652
C	-0.94677020556296	11.54793321845253	2.58283825065739
C	2.28611594133413	11.12309454203772	2.73074133966586
C	3.33686120699390	12.05773146920078	2.58160325938347
C	-10.25311158255782	11.32321537722308	2.30811415947213
C	-8.90912722438615	10.89536489603963	2.41576128337295
C	-7.86061027337916	11.82314120410487	2.26094046009679
C	-6.51776217741535	11.39478253746351	2.37545418845427

C	-5.46849426506043	12.32448287989357	2.21760634515086
C	-4.12650459327670	11.89701027305648	2.34102555795054
C	-3.07559518279709	12.82691427433963	2.18088865963307
C	-1.73503751929101	12.39902946143735	2.30811310568519
C	-0.68451224833008	13.32869687830552	2.13565586358447
C	0.65539436446025	12.90006042194383	2.26861375224191
C	1.70678611535919	13.83229246028362	2.11535710075661
C	3.04555538052082	13.41260979988721	2.28431588949401
C	4.09461313931723	14.35772283650065	2.20230207709400
C	-11.90513154375237	13.12230756628732	2.14671054148372
C	-10.55506713815452	12.69253197653741	2.13305427378651
C	-9.50630288304005	13.62764048968088	2.01642019732680
C	-8.16102784449185	13.18924577753869	2.04284612921775
C	-7.11210788527369	14.12143783532406	1.91200149732488
C	-5.76613607822482	13.68912965512361	1.97287218288222
C	-4.71238041022287	14.61898901861939	1.82977306831060
C	-3.36943938222618	14.18958585660622	1.91666096684615
C	-2.31943821277705	15.12439625588029	1.7656539692088
C	-0.97754269608161	14.68915567130729	1.85485321488793
C	0.07361862250611	15.62109394978171	1.69951393786617
C	1.41402040454714	15.19104456611742	1.83106421836464
C	2.46772241310586	16.12913114486258	1.73488243830849
C	3.80274242066803	15.71884642537134	1.93818332269801
C	4.84932592335900	16.67428448041631	1.93782257749788
C	-13.53551199014744	14.92849199782217	2.28980315852306
C	-12.19200344777538	14.50928894820364	2.13810789693338
C	-11.14471083546356	15.44903938811700	2.03875723352455
C	-9.80221983444748	15.01283997729563	1.92815355902474
C	-8.75819922651420	15.94824520818114	1.79219723042848
C	-7.41390234603159	15.50009908587245	1.75830190871848
C	-6.35642539406461	16.41899174752724	1.62348805073185
C	-5.00916127011511	15.99405030487672	1.63724901905419
C	-3.95899427067690	16.93172804504074	1.51628282528043
C	-2.61493236294347	16.49980090951889	1.55762179972512
C	-1.56206874386094	17.43652049176806	1.41691318492787
C	-0.22169090981866	16.99391408251980	1.46767584136302
C	0.83633347441030	17.92615027990664	1.35710434681143
C	2.17370843770089	17.49647396674083	1.48923558538600
C	3.23140447133860	18.43289249644592	1.44158938020306
C	4.55716846405039	18.03764235681694	1.68957870307521
C	5.59202342871338	19.00590813883677	1.74336054263097
C	-15.14494753635451	16.71924209738904	2.69652336274849
C	-13.78850695083822	16.31909037126488	2.45982877050019
C	-12.75931332094817	17.23206377342975	2.3766811220966
C	-11.42808121228703	16.84630159009631	2.11272542891287
C	-10.39194528652253	17.77983615443230	1.92124456576465
C	-9.05229775329324	17.35073128807896	1.72151108430826
C	-7.98831965945157	18.23569295931760	1.54802209525095
C	-6.65661188360239	17.80542733382253	1.49918404199878
C	-5.60527113383462	18.71991884438785	1.40237226914031
C	-4.26636960021868	18.32935091246008	1.43739950030975
C	-3.19915168409298	19.26135567935815	1.46802402939607
C	-1.85854882336874	18.83580929112626	1.32030803762885
C	-0.79631694441928	19.74787484057930	1.12239043888631
C	0.54789769914252	19.31100902808011	1.14836611946823
C	1.62186824198114	20.19926987121899	1.00090363423977
C	2.93713753695852	19.80167184723249	1.18193477262247
C	3.98946334555931	20.74119946107270	1.17855943693205
C	5.27903299193283	20.37600544376660	1.48115967134324
C	6.33251938925100	21.33526893764132	1.56962198405704
C	-15.41670526368611	18.14606823265709	3.04747875279898
H	-12.97195746462562	18.27689496952155	2.51888131754650
C	-10.73777198532284	19.22115277361517	2.00085605335506
H	-8.17387846651650	19.29439709908762	1.47501628383101

H	-5.85800915347923	19.76066043483620	1.30078646101621
C	-3.44283490485088	20.63350229130194	1.96263672863756
C	-1.05565759767398	21.17993918674794	0.87078675632477
H	1.43144757752217	21.24256783161877	0.81792252636550
H	3.75454081648769	21.77682133156441	0.98199269763541
H	6.10330650856173	22.36180878812974	1.32634592994329
C	0.82245708236312	0.42305940518398	5.86911336788198
C	1.60695409050813	2.61587159495579	5.07224485018732
C	1.88270512038476	1.32349226088352	5.58722993176171
C	3.22447855978145	0.92519848241787	5.80027264096051
C	2.38438114143979	4.81840634536879	4.30156276544463
C	2.66438736300114	3.50674345698086	4.76052326411437
C	4.00611271580854	3.09640015716774	4.94235251589380
C	4.28345648434533	1.81052420336857	5.47020678110760
C	5.62716241872835	1.40732140941072	5.66445526940629
C	3.15412455321951	7.06857004208885	3.68824537148817
C	3.44005641159514	5.72818390326916	4.04740852355171
C	4.78232389338468	5.30734271390088	4.19437941465233
C	5.06428551728245	3.98763784195825	4.62727331754486
C	6.40642445321658	3.57535165043449	4.79743705542380
C	6.68562813321882	2.28107096806937	5.30362763394244
C	8.02976193080033	1.87164188503153	5.47939803874742
C	3.91669204763705	9.34825695039210	3.19153410945549
C	4.20711052538089	7.99591729433452	3.50063229579897
C	5.54896037139414	7.57413759723757	3.64266073488653
C	5.83772957191027	6.22639103759804	3.97062455510282
C	7.18089725962920	5.81120217644375	4.13173538931710
C	7.46495891620667	4.47993156578812	4.52173906894036
C	8.80790131096775	4.07433710471332	4.71068026683343
C	9.09117224674035	2.76103204902244	5.16190671132625
C	10.43157138803310	2.36210486720673	5.36737308312441
C	4.67448426002193	11.64211123760243	2.76198016920289
C	4.96653229340551	10.28662378047121	3.05195858834936
C	6.30574338153165	9.87298634686762	3.23153185504764
C	6.59948400491253	8.51554803596813	3.50809280775679
C	7.93993250622400	8.10642907887826	3.69442597923745
C	8.23318998492114	6.75150054143910	3.98309545780379
C	9.57292880703156	6.35276310873429	4.19510503615376
C	9.85993778793008	5.00727783733206	4.52924837974487
C	11.19809983930372	4.61656722034305	4.77032114663294
C	11.48552128373407	3.29122387843767	5.16198037905698
C	12.82412958199733	2.90914015820770	5.41827290074232
C	5.42727570460703	13.95391719610963	2.43338745323906
C	5.72009928080517	12.59372753190991	2.69340784013352
C	7.05201704756855	12.19173269107588	2.93183609110281
C	7.34881028988112	10.82970496077602	3.17945660086568
C	8.68092771487073	10.42944171661722	3.42205670092512
C	8.98132725054040	9.06740533994712	3.65821830643009
C	10.31518807368511	8.67647701268078	3.91403933608332
C	10.61481657805021	7.31728306960303	4.15889797418813
C	11.94873924325401	6.93440921388178	4.43103564470525
C	12.24090597480924	5.57815110765344	4.70338351038185
C	13.56867923259629	5.19863232913201	4.98632538517815
C	13.87030582275203	3.85179029839669	5.30611816858997
C	15.19830706295644	3.47102010548941	5.60212502325437
C	6.17171979796843	16.28506000471209	2.22556207308561
C	6.46464272057066	14.91911446037218	2.45645975915911
C	7.78410391729586	14.52877250240921	2.75285812960450
C	8.08311979168107	13.16202966677526	2.97094304292731
C	9.40233183327090	12.76630244376010	3.27151824108057
C	9.70926487814306	11.40291616390802	3.47728107735187
C	11.03308382657135	11.01780760707640	3.78018691253409
C	11.34181870137429	9.65528963672333	3.98200603801729
C	12.66691077986150	9.27753776033625	4.29258365205960

C	12.97562334382431	7.91456010417516	4.49441436608129
C	14.30241353353146	7.54038960244875	4.80750852133133
C	14.59033352299739	6.17583167593946	5.02898287722488
C	15.90330853625198	5.79556061321744	5.36881383125354
C	16.22213247718802	4.44551484089240	5.63434585144221
C	17.53045624015043	4.06405686740313	6.01604089557287
C	6.89653986427395	18.63105401791288	2.09468839690518
C	7.19648769748841	17.26358627810326	2.32719240185475
C	8.50323031756318	16.88481327809126	2.68082793525763
C	8.80203971899987	15.51244569358015	2.87457321078126
C	10.10454865794637	15.11235818273558	3.21975414617625
C	10.41650860262406	13.74823207140418	3.40293806020546
C	11.72774747546144	13.36583082073293	3.74085723875702
C	12.04658430730971	12.00379788580103	3.91643841981015
C	13.36253785727881	11.62588970491326	4.25480138405166
C	13.68004252809533	10.26547770713744	4.43488943354162
C	14.99992915529528	9.89076992974923	4.77372064093736
C	15.31811641507744	8.53049131104713	4.94718420793049
C	16.63338032562994	8.16138651043649	5.31517354096872
C	16.89901205757874	6.78893959465453	5.50408821853688
C	18.17554712334834	6.37415490783357	5.90810574430029
C	18.52318501015412	5.04992479686819	6.17566954078668
C	19.82763048358508	4.75076662123630	6.64628689827963
C	7.57187245984075	20.98226149289841	1.96482411974897
C	7.90880704378102	19.62580780650202	2.28063216733784
C	9.17564595559084	19.26026011398510	2.73186381225261
C	9.51830083004051	17.87781492955120	2.88573577435198
C	10.78545419659530	17.45556383184367	3.25308001760805
C	11.11421081741085	16.10086934535849	3.40338460944813
C	12.40686086672713	15.70916461763802	3.74154270509557
C	12.73718174234996	14.36235757475068	3.91541150787572
C	14.02858942305729	13.97215007856546	4.27408818416968
C	14.36189192057653	12.63047968877940	4.45359503744426
C	15.65730545567687	12.24168722883009	4.85229072542242
C	15.99785646372398	10.89204663922246	4.97931623140050
C	17.33155884815051	10.51697835533580	5.31015326846039
C	17.65029752871656	9.16153290012818	5.53470883416085
C	18.90894706330481	8.71331360031832	5.97938147777263
C	19.12802361992155	7.35974989025649	6.14517025788714
C	20.41502667910372	7.09305752377688	6.64060399678841
C	20.79806832497466	5.78246798424876	6.89533852328728
C	22.08926806109324	5.39232920707907	7.36298069211922
H	8.33663139888652	21.73476105102542	2.05514949505578
C	10.10261822161362	20.33565915057198	3.15393240735908
H	11.57352102051974	18.16656285679829	3.42452633576629
H	13.17052099819543	16.46067596042859	3.87800099693216
H	14.78245744362180	14.73278765222227	4.40161065648245
C	16.60347712174925	13.30815248480557	5.30603227402225
O	18.22088496214522	11.49724009157915	5.43139302338063
C	20.15097282095229	9.37057611236473	6.57566285266757
O	21.09373009409432	8.26791346137135	6.77086454534248
H	22.80950316078707	6.17416033912858	7.55184529229856
H	22.64954420860868	-1.77418562331779	8.14208753051678
O	22.61540973663989	-3.19123431410319	8.92278251664953
O	20.93093737986370	-4.12583687860194	10.02833101009740
H	21.64867439481917	-4.42413279837906	10.60947482568675
H	21.55644820649831	-5.12407853864380	7.63788780514359
H	20.23980079512079	-9.02336204464217	8.56707885030815
O	19.20588017315942	-11.90135428631498	6.82222688709759
O	20.08609977844429	-9.87413898473048	6.60578134677742
H	20.65660366637440	-10.36249335556476	5.99286072367642
O	19.72032795562585	-11.99583196679524	9.54504278815329
O	19.05351211441234	-13.90804784634023	8.60706626987077
H	20.00376253799836	-14.10076913663051	8.61065269286699

O	17.91578140950721	-13.47809060295542	11.65802211868951
O	18.68581432507634	-15.38156365958437	10.82312765541941
H	19.38010133736532	-15.21029397498636	11.48049659813027
H	17.68226313911212	-16.71348438181536	10.69975884659216
H	13.66178995556203	-19.86025115199022	9.78374366822231
O	8.19586511680899	-21.79816252036354	6.57970649711894
O	8.81171096842602	-21.28273953308075	8.64991272385730
H	8.91862439063377	-22.24548867062182	8.70863295133910
H	2.01852778789470	-22.46139773634606	2.41144114484146
O	-0.98751937674566	-23.77011254573199	1.38129898988916
O	-1.87073932763829	-23.41931695383551	-0.62886625176461
H	-1.50820713462822	-24.30667481175398	-0.77760064515522
H	-8.92034283334877	-20.79804768975839	-1.33229166434133
O	-11.78587273861307	-18.91404611378152	-0.41109997416275
O	-12.65404943634557	-17.58864183828764	-1.96383396262506
H	-13.21516304346573	-18.36722488165803	-2.11608176102083
O	-19.15439809891329	-12.15841853334279	-0.97281918200440
O	-19.88302559718042	-10.90767815859924	0.71691513663111
H	-20.57599692109280	-11.58502750630024	0.77554497384147
O	-21.84114693055194	-9.57237136711127	-0.95583230474546
O	-20.12543673492470	-9.77440837002692	-2.36480916600109
H	-20.71558476911100	-10.36918101428600	-2.85713714414756
O	-23.96033002090755	-4.04934079964217	-0.61657529901430
O	-24.22281144074556	-6.21926380845679	-0.24066150565708
H	-25.15135733647146	-6.00887727533960	-0.42661063135472
H	-19.24510520229647	12.26691550513303	1.77226968413351
O	-19.25606790907517	13.95356775860569	1.84505942897153
O	-18.51237508019677	14.62893340682281	3.82467657902832
H	-19.41602275687951	14.97608799007352	3.91359516257098
O	-15.91567964595612	18.97269477869497	2.32408504572734
O	-15.04817847895725	18.40796036041510	4.29599319133826
H	-15.17852690306141	19.34590555453181	4.51417819560106
O	-11.42128296071087	19.71450299014776	2.86581556685862
O	-10.24121674699962	19.96225275245686	1.00134404704660
H	-10.60150101038587	20.86354564845846	1.05346745052390
O	-2.78919198635746	21.12373776139559	2.85459204438160
O	-4.48392552282937	21.29924875760377	1.43302771778787
H	-4.56937481068323	22.15548972755561	1.88345554123980
O	-0.40032817942845	22.11412413962650	1.25982428568183
O	-2.11052519855341	21.39138633336838	0.05393087924402
H	-2.22346863166037	22.34679594883741	-0.07702821760244
O	9.75163863389501	21.34340773030866	3.72255995630770
O	11.40261616164139	20.13143209306283	2.88403267192214
H	11.91039280724895	20.90239712624632	3.18327128634699
O	17.16250060779418	14.11718376201015	4.62075477359672
O	16.66791431088555	13.32058337356789	6.64578302091059
H	17.29384429476531	14.00069132259424	6.94112427157840
H	19.13362957511779	11.18947297440827	5.61460051674629
O	20.75437145680590	10.38534490130608	5.88404664187582
O	19.79469738803347	9.85539585752467	7.81928712925672
H	20.55245412193098	10.32488800407386	8.19318474553897
H	22.37674807557158	6.92592260678703	4.74714028399687
O	14.48804667530587	-0.84639048188183	4.92728335806289
H	14.47498430462705	-1.80608439730917	5.04166272109095
O	13.77725184048929	-0.35817567339106	8.48004311016544
H	14.62032588687272	-0.61249866901634	8.87388994838923
C	4.27383848696391	-3.48973227446339	4.11830134479281
C	5.42108471891119	-2.72938433448091	4.07340228826680
C	5.38327057118162	-1.44223672782611	3.55146804116789
C	4.15684811870253	-0.93325318786975	3.14763244790656
C	3.04339596184893	-1.74829302244108	3.08154662057019
C	3.07737102391142	-3.07417652130308	3.51311106622852
C	2.00815334525158	-4.05873587729870	3.27351356449786
C	0.65354480630702	-3.68563706229419	3.26543648790215

C	0.14280921422834	-2.40316788309032	3.57967112748585
C	-1.20813492382985	-2.42706970022593	3.41839626893257
C	-1.59041067735474	-3.72117995461850	2.98029592699521
C	-2.87263454015929	-4.16970810634906	2.59912970999480
C	-3.10106177683518	-5.51146630202031	2.19332312720924
N	-2.29007375308675	-6.58235546913757	2.36989953105313
C	-2.92447012644751	-7.65532407247917	1.81750131035566
C	-2.50177282679094	-8.99500946126953	1.82358939215970
C	-1.24924807029631	-9.39515978812405	2.32179985784839
C	-0.86020389530902	-10.71626480024991	2.65807006855485
C	0.45007280252664	-10.69277941474915	3.02436511525846
C	0.91069818198699	-9.35954082272676	2.89794648404277
N	-0.16351412354271	-8.60306020614317	2.53072488729061
C	2.22337099856474	-8.88899778641456	3.02164665427798
C	2.54776294541080	-7.53029007941288	2.94022184403580
C	3.89824760805445	-7.06565376854628	2.73446986185158
C	3.83703479369212	-5.72133987323313	2.75481472501203
C	2.45132589021137	-5.37302162997611	3.01951225190872
N	1.69160449138155	-6.48827643120474	3.04827238735904
C	3.27321316621665	-9.86355218959590	3.32031055269409
C	3.22042884980299	-11.17366549872561	2.83734173469792
C	3.92349738937149	-12.18540198769584	3.45692556392257
C	4.79858323446484	-11.88314471179787	4.48966979098409
C	5.10708319085228	-10.54550169776315	4.73450650165199
C	4.30413871436240	-9.55640208349798	4.21249556473602
O	5.26988205113218	-12.86209920337350	5.33476466879131
C	-3.34490096099186	-10.06858665241745	1.27118438168407
C	-4.74226266035098	-10.03054158246895	1.25127316750180
C	-5.49428086898672	-11.01446215808636	0.64594863396911
C	-4.89013736000529	-12.18447637169025	0.20474279477279
C	-3.51025843614966	-12.28865013302619	0.29530161384241
C	-2.75717152517765	-11.21563788552575	0.72137703988606
O	-5.66697949370073	-13.18244224923984	-0.28724973244982
H	-5.11600511034346	-13.94136053140782	-0.51840264706806
C	-4.15511167353439	-7.22900499877563	1.19990895702390
C	-4.27049139252621	-5.91328697079012	1.44008575574634
C	-4.01351667778989	-3.23198030004585	2.50714537009098
C	-3.91378206860468	-1.84521038490558	2.34390975538439
C	-5.02009257394044	-1.03029449134915	2.18386323305746
C	-6.27787443590229	-1.58211491805072	1.95226781555449
C	-6.41449070030648	-2.94855166398468	2.14737020441610
C	-5.33146077016621	-3.71304106170843	2.53052932401779
O	-7.35961223122177	-0.82692421680615	1.55295806447860
N	-0.43189393184182	-4.45359018523042	2.93333050308687
O	6.53684955168240	-0.73113907023867	3.46733555287220
H	6.35587347955263	0.14791209161465	3.10983321938473
H	4.30787798257431	-4.44477548552074	4.61869481566849
H	6.35639935586784	-3.11495054198432	4.44686393944015
H	4.08558994321208	0.09968545055478	2.83546899517899
H	2.15523873726644	-1.34407605628460	2.62988431043043
H	0.70763697103175	-1.56503347504706	3.92343733239314
H	-1.85039055394480	-1.60823709328228	3.64806413159792
H	-1.49277231556241	-11.57575572247188	2.65614794924719
H	1.01753289937097	-11.52725229424624	3.37257399205215
H	-0.13765366826391	-7.59672115261165	2.43179428532267
H	4.74732932577629	-7.68647717967551	2.52992769531339
H	4.63644144110273	-5.04042754670969	2.54997291721134
H	2.57744058799814	-11.41305832920333	2.00741331903015
H	3.75874243286520	-13.21173186137461	3.17158358270373
H	5.91604644527322	-10.29843368159715	5.40267374211070
H	4.42887678752285	-8.54404373057761	4.56560330214938
H	-5.26881868031489	-9.23572479970793	1.74776809175556
H	-6.56315766981327	-10.91201462683811	0.55363293034874
H	-3.01455885215010	-13.20061246949848	-0.00530445857412

H	-1.68790807174418	-11.28846271073817	0.61786274552164
H	-4.80592010472731	-7.81223296187698	0.58857354308260
H	-5.02455612540045	-5.27935757622838	1.03464187704634
H	-2.95929092044768	-1.35961221654616	2.27200612746487
H	-4.88807006080046	0.04121598943848	2.17314187530484
H	-7.38236064560860	-3.40758630419517	2.01644458215581
H	-5.51676389480011	-4.72526586668267	2.83786663031541
H	-0.40381526198934	-5.44158223640363	2.71563237379352