

Data Path : P:\HPCHEM1\FID_F\Data\FF032218\
 Data File : FF000302.D
 Signal(s) : FID2B.ch
 Acq On : 22 Mar 2018 16:03
 Sample : J1991-01MSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: Sample.e

Method : P:\HPCHEM1\FID_F\Method\FF031518.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.270	2.242	2.340	BH	135075	979660	12.11%	0.284%
2	2.342	2.340	2.381	PH	9	-1865	-0.02%	-0.001%
3	2.385	2.381	2.393	PH	-91	-835	-0.01%	-0.000%
4	2.408	2.393	2.414	PH	-18	-767	-0.01%	-0.000%
5	2.417	2.414	2.440	PH	-56	-1023	-0.01%	-0.000%
6	2.453	2.440	2.490	PH	250	1410	0.02%	0.000%
7	2.508	2.490	2.529	PH	1019	8087	0.10%	0.002%
8	2.546	2.529	2.560	HH	312	2324	0.03%	0.001%
9	2.569	2.560	2.590	PH	131	-102	-0.00%	-0.000%
10	2.602	2.590	2.617	PH	431	1711	0.02%	0.000%
11	2.629	2.617	2.663	PH	78	-1658	-0.02%	-0.000%
12	2.668	2.663	2.688	PH	-113	-2276	-0.03%	-0.001%
13	2.691	2.688	2.693	PH	-174	-572	-0.01%	-0.000%
14	2.697	2.693	2.709	PH	-150	-1737	-0.02%	-0.001%
15	2.736	2.709	2.778	PH	471	1605	0.02%	0.000%
16	2.786	2.778	2.793	PH	-159	-1752	-0.02%	-0.001%
17	2.820	2.793	2.854	PH	1392	12537	0.15%	0.004%
18	2.865	2.854	2.880	PH	-76	-2162	-0.03%	-0.001%
19	2.894	2.880	2.910	PH	11	-1785	-0.02%	-0.001%
20	2.928	2.910	2.949	PH	197	1391	0.02%	0.000%
21	2.952	2.949	2.972	HH	99	-127	-0.00%	-0.000%
22	3.001	2.972	3.019	PH	606	3869	0.05%	0.001%
23	3.047	3.019	3.070	PH	907	3886	0.05%	0.001%
24	3.085	3.070	3.098	PH	78	-797	-0.01%	-0.000%
25	3.120	3.098	3.133	PH	194	246	0.00%	0.000%
26	3.141	3.133	3.160	PH	12	-1734	-0.02%	-0.001%
27	3.174	3.160	3.230	PH	8147	70461	0.87%	0.020%
28	3.241	3.230	3.256	PH	54	-685	-0.01%	-0.000%
29	3.265	3.256	3.280	PH	38	-840	-0.01%	-0.000%
30	3.299	3.280	3.332	PH	2095	17287	0.21%	0.005%
31	3.342	3.332	3.357	PH	-61	-2348	-0.03%	-0.001%
32	3.367	3.357	3.384	PH	-213	-4272	-0.05%	-0.001%
33	3.401	3.384	3.412	PH	-33	-2737	-0.03%	-0.001%
34	3.424	3.412	3.436	PH	-19	-1682	-0.02%	-0.000%
35	3.454	3.436	3.465	PH	38	-1321	-0.02%	-0.000%
36	3.490	3.465	3.529	PH	182	-1079	-0.01%	-0.000%

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37	3.540	3.529	3.550	PH	-182	-3174	-0.04%	-0.001%	
38	3.570	3.550	3.582	PH	384	3258	0.04%	0.001%	
39	3.592	3.582	3.618	HH	474	4069	0.05%	0.001%	
40	3.628	3.618	3.647	PH	111	-339	-0.00%	-0.000%	
41	3.674	3.647	3.695	PH	910	6161	0.08%	0.002%	
42	3.708	3.695	3.725	HH	457	3056	0.04%	0.001%	
43	3.746	3.725	3.759	PH	328	1564	0.02%	0.000%	
44	3.766	3.759	3.776	PH	20	-605	-0.01%	-0.000%	
45	3.794	3.776	3.806	PH	1496	11067	0.14%	0.003%	
46	3.814	3.806	3.829	HH	808	4942	0.06%	0.001%	
47	3.843	3.829	3.858	PH	502	1399	0.02%	0.000%	
48	3.878	3.858	3.939	PH	896	6597	0.08%	0.002%	
49	3.963	3.939	3.986	PH	2917	35882	0.44%	0.010%	
50	3.998	3.986	4.022	HH	1057	10866	0.13%	0.003%	
51	4.034	4.022	4.044	HH	403	3517	0.04%	0.001%	
52	4.065	4.044	4.095	HH	1558	13230	0.16%	0.004%	
53	4.133	4.095	4.159	PH	2520	24709	0.31%	0.007%	
54	4.175	4.159	4.201	HH	902	10802	0.13%	0.003%	
55	4.214	4.201	4.257	HH	353	2572	0.03%	0.001%	
56	4.286	4.257	4.306	PH	449	3125	0.04%	0.001%	
57	4.326	4.306	4.343	PH	628	5545	0.07%	0.002%	
58	4.370	4.343	4.399	HH	230492	2058940	25.45%	0.597%	
59	4.412	4.399	4.427	HH	1440	13550	0.17%	0.004%	
60	4.442	4.427	4.460	HH	831	8774	0.11%	0.003%	
61	4.473	4.460	4.502	HH	633	6007	0.07%	0.002%	
62	4.520	4.502	4.555	PH	1536	19115	0.24%	0.006%	
63	4.571	4.555	4.586	HH	1046	12009	0.15%	0.003%	
64	4.595	4.586	4.609	HH	684	7267	0.09%	0.002%	
65	4.625	4.609	4.640	HH	2386	21627	0.27%	0.006%	
66	4.654	4.640	4.666	HH	989	9079	0.11%	0.003%	
67	4.678	4.666	4.690	HH	561	6543	0.08%	0.002%	
68	4.702	4.690	4.714	HH	1086	11070	0.14%	0.003%	
69	4.722	4.714	4.732	HH	824	7217	0.09%	0.002%	
70	4.748	4.732	4.764	HH	2021	20569	0.25%	0.006%	
71	4.787	4.764	4.809	HH	2449	33878	0.42%	0.010%	
72	4.824	4.809	4.833	HH	1468	13570	0.17%	0.004%	
73	4.843	4.833	4.875	HH	1748	19267	0.24%	0.006%	
74	4.898	4.875	4.912	HH	990	10685	0.13%	0.003%	
75	4.930	4.912	4.948	HH	417	6130	0.08%	0.002%	
76	4.980	4.948	4.992	PH	1058	14946	0.18%	0.004%	
77	5.012	4.992	5.037	HH	2063	30473	0.38%	0.009%	
78	5.063	5.037	5.076	HH	1701	27359	0.34%	0.008%	
79	5.088	5.076	5.101	HH	2298	21947	0.27%	0.006%	
80	5.112	5.101	5.130	HH	1832	19428	0.24%	0.006%	
81	5.141	5.130	5.157	HH	625	5788	0.07%	0.002%	
82	5.168	5.157	5.188	PH	195	2520	0.03%	0.001%	
83	5.209	5.188	5.215	HH	928	9483	0.12%	0.003%	
84	5.229	5.215	5.257	HH	1478	24547	0.30%	0.007%	
85	5.277	5.257	5.287	HH	1553	20658	0.26%	0.006%	
86	5.300	5.287	5.315	HH	2016	21349	0.26%	0.006%	
87	5.329	5.315	5.345	HH	670	10074	0.12%	0.003%	
88	5.357	5.345	5.381	HH	804	9561	0.12%	0.003%	
89	5.407	5.381	5.425	HH	12496	126538	1.56%	0.037%	

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90	5.436	5.425	5.462	HH	2750	35776	0.44%	0.010%
91	5.478	5.462	5.494	HH	726	10046	0.12%	0.003%
92	5.498	5.494	5.514	HH	528	4651	0.06%	0.001%
93	5.540	5.514	5.554	HH	551	9647	0.12%	0.003%
94	5.593	5.554	5.614	HH	3666	54051	0.67%	0.016%
95	5.621	5.614	5.635	HH	1110	10695	0.13%	0.003%
96	5.658	5.635	5.667	HH	932	14373	0.18%	0.004%
97	5.690	5.667	5.701	HH	3893	50156	0.62%	0.015%
98	5.705	5.701	5.727	HH	3010	29283	0.36%	0.008%
99	5.742	5.727	5.764	HH	2106	28368	0.35%	0.008%
100	5.779	5.764	5.794	HH	2683	29596	0.37%	0.009%
101	5.818	5.794	5.842	HH	1633	32032	0.40%	0.009%
102	5.862	5.842	5.883	HH	1845	24812	0.31%	0.007%
103	5.913	5.883	5.933	HH	2398	45506	0.56%	0.013%
104	5.954	5.933	5.977	HH	20434	210049	2.60%	0.061%
105	6.003	5.977	6.022	HH	3669	56329	0.70%	0.016%
106	6.047	6.022	6.071	HH	2841	46962	0.58%	0.014%
107	6.108	6.071	6.123	HH	4179	88056	1.09%	0.026%
108	6.133	6.123	6.157	HH	2243	38812	0.48%	0.011%
109	6.173	6.157	6.188	HH	2807	39310	0.49%	0.011%
110	6.201	6.188	6.215	HH	2070	32290	0.40%	0.009%
111	6.227	6.215	6.251	HH	2522	41498	0.51%	0.012%
112	6.270	6.251	6.286	HH	2077	34255	0.42%	0.010%
113	6.323	6.286	6.357	HH	3958	93880	1.16%	0.027%
114	6.388	6.357	6.435	HH	255461	2565378	31.72%	0.743%
115	6.476	6.435	6.488	HH	2249	50613	0.63%	0.015%
116	6.502	6.488	6.518	HH	2792	42449	0.52%	0.012%
117	6.536	6.518	6.557	HH	5962	81095	1.00%	0.023%
118	6.583	6.557	6.600	HH	3956	67543	0.84%	0.020%
119	6.609	6.600	6.624	HH	2139	25397	0.31%	0.007%
120	6.637	6.624	6.645	HH	1983	22087	0.27%	0.006%
121	6.665	6.645	6.684	HH	4344	63914	0.79%	0.019%
122	6.707	6.684	6.735	HH	2844	71669	0.89%	0.021%
123	6.744	6.735	6.756	HH	2126	24364	0.30%	0.007%
124	6.786	6.756	6.810	HH	7306	116241	1.44%	0.034%
125	6.823	6.810	6.835	HH	2171	28747	0.36%	0.008%
126	6.856	6.835	6.871	HH	2885	49379	0.61%	0.014%
127	6.888	6.871	6.894	HH	3803	42690	0.53%	0.012%
128	6.907	6.894	6.927	HH	4748	74281	0.92%	0.022%
129	6.946	6.927	6.974	HH	5885	99558	1.23%	0.029%
130	7.009	6.974	7.031	HH	11911	213015	2.63%	0.062%
131	7.045	7.031	7.072	HH	4354	91251	1.13%	0.026%
132	7.089	7.072	7.125	HH	8682	163366	2.02%	0.047%
133	7.143	7.125	7.170	HH	9035	131938	1.63%	0.038%
134	7.191	7.170	7.209	HH	3824	71320	0.88%	0.021%
135	7.217	7.209	7.229	HH	2680	30254	0.37%	0.009%
136	7.236	7.229	7.250	HH	2631	32896	0.41%	0.010%
137	7.291	7.250	7.295	HH	8696	125638	1.55%	0.036%
138	7.310	7.295	7.336	HH	16583	227509	2.81%	0.066%
139	7.352	7.336	7.372	HH	4693	87855	1.09%	0.025%
140	7.383	7.372	7.389	HH	4102	39783	0.49%	0.012%
141	7.397	7.389	7.416	HH	4205	59897	0.74%	0.017%

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142	7.444	7.416	7.459	HH	3479	82102	1.02%	0.024%
143	7.483	7.459	7.517	HH	7810	181368	2.24%	0.053%
144	7.535	7.517	7.554	HH	4785	80018	0.99%	0.023%
145	7.579	7.554	7.588	HH	3771	64365	0.80%	0.019%
146	7.601	7.588	7.610	HH	4468	52019	0.64%	0.015%
147	7.623	7.610	7.631	HH	5174	61399	0.76%	0.018%
148	7.641	7.631	7.661	HH	5049	78995	0.98%	0.023%
149	7.674	7.661	7.686	HH	4019	54358	0.67%	0.016%
150	7.698	7.686	7.703	HH	4013	40211	0.50%	0.012%
151	7.732	7.703	7.754	HH	10107	200891	2.48%	0.058%
152	7.762	7.754	7.776	HH	5641	71154	0.88%	0.021%
153	7.786	7.776	7.803	HH	5796	85009	1.05%	0.025%
154	7.826	7.803	7.847	HH	6178	132960	1.64%	0.039%
155	7.878	7.847	7.897	HH	7630	181360	2.24%	0.053%
156	7.914	7.897	7.922	HH	9512	116783	1.44%	0.034%
157	7.932	7.922	7.960	HH	10195	163285	2.02%	0.047%
158	7.999	7.960	8.037	HH	14958	353626	4.37%	0.102%
159	8.057	8.037	8.073	HH	6528	121833	1.51%	0.035%
160	8.102	8.073	8.117	HH	14362	244266	3.02%	0.071%
161	8.129	8.117	8.147	HH	11229	154953	1.92%	0.045%
162	8.179	8.147	8.207	HH	277217	3020433	37.34%	0.875%
163	8.236	8.207	8.260	HH	58936	734524	9.08%	0.213%
164	8.283	8.260	8.307	HH	11360	240394	2.97%	0.070%
165	8.341	8.307	8.356	HH	10488	217255	2.69%	0.063%
166	8.368	8.356	8.384	HH	8058	124818	1.54%	0.036%
167	8.399	8.384	8.439	HH	9103	229548	2.84%	0.067%
168	8.467	8.439	8.493	HH	6229	184412	2.28%	0.053%
169	8.506	8.493	8.515	HH	5114	64160	0.79%	0.019%
170	8.536	8.515	8.545	HH	7172	111936	1.38%	0.032%
171	8.580	8.545	8.609	HH	29889	508495	6.29%	0.147%
172	8.629	8.609	8.652	HH	12506	259568	3.21%	0.075%
173	8.669	8.652	8.682	HH	8720	145328	1.80%	0.042%
174	8.713	8.682	8.738	HH	19471	412518	5.10%	0.120%
175	8.766	8.738	8.783	HH	9247	204325	2.53%	0.059%
176	8.795	8.783	8.804	HH	8046	96514	1.19%	0.028%
177	8.820	8.804	8.834	HH	12743	188557	2.33%	0.055%
178	8.852	8.834	8.879	HH	29737	429443	5.31%	0.124%
179	8.891	8.879	8.905	HH	7881	116905	1.45%	0.034%
180	8.943	8.905	8.958	HH	9681	256177	3.17%	0.074%
181	8.998	8.958	9.018	HH	42268	678765	8.39%	0.197%
182	9.028	9.018	9.066	HH	13741	273996	3.39%	0.079%
183	9.087	9.066	9.109	HH	9133	202494	2.50%	0.059%
184	9.144	9.109	9.161	HH	12525	280973	3.47%	0.081%
185	9.177	9.161	9.212	HH	10779	267942	3.31%	0.078%
186	9.227	9.212	9.245	HH	9172	163112	2.02%	0.047%
187	9.259	9.245	9.264	HH	8494	93858	1.16%	0.027%
188	9.280	9.264	9.300	HH	12707	221269	2.74%	0.064%
189	9.322	9.300	9.338	HH	8567	186545	2.31%	0.054%
190	9.363	9.338	9.406	HH	29682	632332	7.82%	0.183%
191	9.417	9.406	9.423	HH	9574	96005	1.19%	0.028%
192	9.444	9.423	9.479	HH	15706	429139	5.31%	0.124%
193	9.507	9.479	9.527	HH	14292	337616	4.17%	0.098%
194	9.556	9.527	9.589	HH	13679	451277	5.58%	0.131%

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195	9.607	9.589	9.634	HH	9693	245421	3.03%	0.071%
196	9.644	9.634	9.648	HH	8378	72548	0.90%	0.021%
197	9.653	9.648	9.665	HH	8442	83362	1.03%	0.024%
198	9.685	9.665	9.708	HH	14203	282798	3.50%	0.082%
199	9.733	9.708	9.749	HH	12311	272186	3.37%	0.079%
200	9.777	9.749	9.825	HH	290497	3496953	43.23%	1.013%
201	9.845	9.825	9.866	HH	10769	244717	3.03%	0.071%
202	9.881	9.866	9.919	HH	10755	298520	3.69%	0.086%
203	9.948	9.919	9.974	HH	11002	310492	3.84%	0.090%
204	9.988	9.974	9.997	HH	8970	119321	1.48%	0.035%
205	10.007	9.997	10.030	HH	8942	172210	2.13%	0.050%
206	10.049	10.030	10.075	HH	11367	257947	3.19%	0.075%
207	10.122	10.075	10.138	HH	12211	404492	5.00%	0.117%
208	10.164	10.138	10.190	HH	22062	475830	5.88%	0.138%
209	10.216	10.190	10.227	HH	14986	284637	3.52%	0.082%
210	10.245	10.227	10.268	HH	17565	363072	4.49%	0.105%
211	10.284	10.268	10.297	HH	15389	231789	2.87%	0.067%
212	10.308	10.297	10.338	HH	14797	295618	3.65%	0.086%
213	10.360	10.338	10.394	HH	14530	407754	5.04%	0.118%
214	10.414	10.394	10.435	HH	13910	312117	3.86%	0.090%
215	10.440	10.435	10.477	HH	12133	290123	3.59%	0.084%
216	10.514	10.477	10.544	HH	43262	860735	10.64%	0.249%
217	10.587	10.544	10.612	HH	26167	783041	9.68%	0.227%
218	10.630	10.612	10.651	HH	13799	303388	3.75%	0.088%
219	10.658	10.651	10.675	HH	12121	172375	2.13%	0.050%
220	10.688	10.675	10.697	HH	11160	143015	1.77%	0.041%
221	10.728	10.697	10.739	HH	12751	294178	3.64%	0.085%
222	10.761	10.739	10.783	HH	89014	1125708	13.92%	0.326%
223	10.789	10.783	10.811	HH	16101	239076	2.96%	0.069%
224	10.836	10.811	10.854	HH	32822	538387	6.66%	0.156%
225	10.862	10.854	10.879	HH	16914	224223	2.77%	0.065%
226	10.905	10.879	10.924	HH	15310	378216	4.68%	0.110%
227	10.930	10.924	10.952	HH	13407	216195	2.67%	0.063%
228	10.970	10.952	10.992	HH	13819	307270	3.80%	0.089%
229	11.010	10.992	11.033	HH	14489	335655	4.15%	0.097%
230	11.050	11.033	11.092	HH	18443	525049	6.49%	0.152%
231	11.115	11.092	11.134	HH	13648	328083	4.06%	0.095%
232	11.153	11.134	11.177	HH	14758	348343	4.31%	0.101%
233	11.217	11.177	11.248	HH	254060	3255389	40.25%	0.943%
234	11.305	11.248	11.338	HH	21559	867734	10.73%	0.251%
235	11.361	11.338	11.384	HH	13715	352874	4.36%	0.102%
236	11.413	11.384	11.433	HH	15864	396876	4.91%	0.115%
237	11.452	11.433	11.475	HH	13565	324781	4.02%	0.094%
238	11.525	11.475	11.543	HH	14953	557801	6.90%	0.162%
239	11.564	11.543	11.579	HH	24862	405402	5.01%	0.117%
240	11.594	11.579	11.637	HH	28673	633408	7.83%	0.184%
241	11.679	11.637	11.696	HH	27533	661915	8.18%	0.192%
242	11.712	11.696	11.727	HH	23108	358759	4.44%	0.104%
243	11.742	11.727	11.802	HH	23372	697624	8.62%	0.202%
244	11.828	11.802	11.845	HH	13843	341376	4.22%	0.099%
245	11.885	11.845	11.909	HH	26899	701501	8.67%	0.203%
246	11.917	11.909	11.943	HH	14638	280611	3.47%	0.081%

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247	11.965	11.943	11.992	HH	14296	392461	4.85%	0.114%
248	11.997	11.992	12.013	HH	12912	159614	1.97%	0.046%
249	12.035	12.013	12.055	HH	18873	379820	4.70%	0.110%
250	12.063	12.055	12.074	HH	13033	147903	1.83%	0.043%
251	12.095	12.074	12.134	HH	14734	472620	5.84%	0.137%
252	12.179	12.134	12.199	HH	13830	513802	6.35%	0.149%
253	12.213	12.199	12.230	HH	13814	245989	3.04%	0.071%
254	12.248	12.230	12.267	HH	13701	295510	3.65%	0.086%
255	12.303	12.267	12.330	HH	14935	528557	6.53%	0.153%
256	12.353	12.330	12.393	HH	17456	545444	6.74%	0.158%
257	12.410	12.393	12.427	HH	13567	259521	3.21%	0.075%
258	12.463	12.427	12.483	HH	22855	543675	6.72%	0.158%
259	12.525	12.483	12.554	HH	214979	2922521	36.13%	0.847%
260	12.578	12.554	12.618	HH	86874	1344204	16.62%	0.389%
261	12.637	12.618	12.660	HH	13670	320235	3.96%	0.093%
262	12.674	12.660	12.691	HH	12498	230429	2.85%	0.067%
263	12.712	12.691	12.728	HH	15491	302717	3.74%	0.088%
264	12.741	12.728	12.752	HH	13981	188072	2.33%	0.054%
265	12.766	12.752	12.785	HH	15412	281178	3.48%	0.081%
266	12.794	12.785	12.807	HH	13581	179470	2.22%	0.052%
267	12.818	12.807	12.839	HH	13375	245253	3.03%	0.071%
268	12.843	12.839	12.847	HH	11720	58111	0.72%	0.017%
269	12.875	12.847	12.902	HH	71928	1060273	13.11%	0.307%
270	12.932	12.902	12.950	HH	17288	428030	5.29%	0.124%
271	12.966	12.950	12.999	HH	16934	409730	5.07%	0.119%
272	13.018	12.999	13.034	HH	12498	257690	3.19%	0.075%
273	13.052	13.034	13.057	HH	13464	176335	2.18%	0.051%
274	13.069	13.057	13.101	HH	13973	334885	4.14%	0.097%
275	13.138	13.101	13.163	HH	19981	543248	6.72%	0.157%
276	13.186	13.163	13.202	HH	15331	335374	4.15%	0.097%
277	13.208	13.202	13.234	HH	14773	259767	3.21%	0.075%
278	13.242	13.234	13.257	HH	12459	167279	2.07%	0.048%
279	13.273	13.257	13.289	HH	13440	241070	2.98%	0.070%
280	13.304	13.289	13.316	HH	13948	216662	2.68%	0.063%
281	13.335	13.316	13.361	HH	15177	369222	4.56%	0.107%
282	13.366	13.361	13.404	HH	12532	313457	3.88%	0.091%
283	13.464	13.404	13.497	HH	22928	840826	10.40%	0.244%
284	13.515	13.497	13.525	HH	12872	208805	2.58%	0.061%
285	13.531	13.525	13.548	HH	12892	177184	2.19%	0.051%
286	13.572	13.548	13.595	HH	19310	434095	5.37%	0.126%
287	13.610	13.595	13.630	HH	17687	318744	3.94%	0.092%
288	13.655	13.630	13.687	HH	13908	450217	5.57%	0.130%
289	13.723	13.687	13.761	HH	164719	2528592	31.26%	0.733%
290	13.781	13.761	13.812	HH	17237	429004	5.30%	0.124%
291	13.817	13.812	13.832	HH	12118	144095	1.78%	0.042%
292	13.855	13.832	13.890	HH	12468	421510	5.21%	0.122%
293	13.953	13.890	13.979	HH	13411	667127	8.25%	0.193%
294	13.992	13.979	14.024	HH	12749	334282	4.13%	0.097%
295	14.048	14.024	14.063	HH	12612	294601	3.64%	0.085%
296	14.083	14.063	14.102	HH	14325	307350	3.80%	0.089%
297	14.111	14.102	14.119	HH	12837	133062	1.65%	0.039%
298	14.162	14.119	14.182	HH	14707	518384	6.41%	0.150%
299	14.196	14.182	14.220	HH	15927	336443	4.16%	0.097%

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300	14.231	14.220	14.252	HH	13736	247382	3.06%	0.072%
301	14.284	14.252	14.320	HH	18323	626993	7.75%	0.182%
302	14.344	14.320	14.355	HH	14756	297410	3.68%	0.086%
303	14.378	14.355	14.398	HH	17816	411908	5.09%	0.119%
304	14.404	14.398	14.420	HH	14919	190164	2.35%	0.055%
305	14.441	14.420	14.462	HH	20036	404192	5.00%	0.117%
306	14.501	14.462	14.527	HH	16117	566913	7.01%	0.164%
307	14.541	14.527	14.550	HH	13767	184247	2.28%	0.053%
308	14.565	14.550	14.584	HH	14643	290477	3.59%	0.084%
309	14.622	14.584	14.663	HH	126630	2150584	26.59%	0.623%
310	14.706	14.663	14.724	HH	16242	531355	6.57%	0.154%
311	14.751	14.724	14.771	HH	34230	645291	7.98%	0.187%
312	14.792	14.771	14.803	HH	34270	499624	6.18%	0.145%
313	14.825	14.803	14.858	HH	135983	2035262	25.16%	0.590%
314	14.869	14.858	14.878	HH	15899	194915	2.41%	0.056%
315	14.911	14.878	14.939	HH	21243	653632	8.08%	0.189%
316	14.960	14.939	14.972	HH	17716	336834	4.16%	0.098%
317	14.991	14.972	15.035	HH	17460	632308	7.82%	0.183%
318	15.058	15.035	15.099	HH	18933	682782	8.44%	0.198%
319	15.105	15.099	15.124	HH	17600	252954	3.13%	0.073%
320	15.133	15.124	15.151	HH	17138	271807	3.36%	0.079%
321	15.217	15.151	15.233	HH	19180	891613	11.02%	0.258%
322	15.240	15.233	15.253	HH	19197	228507	2.83%	0.066%
323	15.258	15.253	15.284	HH	19004	346812	4.29%	0.100%
324	15.304	15.284	15.310	HH	18978	297851	3.68%	0.086%
325	15.345	15.310	15.372	HH	23809	777623	9.61%	0.225%
326	15.387	15.372	15.401	HH	20824	350797	4.34%	0.102%
327	15.426	15.401	15.447	HH	28330	665306	8.23%	0.193%
328	15.463	15.447	15.493	HH	23425	595844	7.37%	0.173%
329	15.507	15.493	15.517	HH	21040	302731	3.74%	0.088%
330	15.586	15.517	15.633	HH	25287	1574709	19.47%	0.456%
331	15.639	15.633	15.642	HH	21181	112968	1.40%	0.033%
332	15.665	15.642	15.689	HH	22540	609961	7.54%	0.177%
333	15.715	15.689	15.718	HH	22332	385387	4.76%	0.112%
334	15.723	15.718	15.732	HH	22458	185638	2.30%	0.054%
335	15.755	15.732	15.769	HH	23398	510566	6.31%	0.148%
336	15.783	15.769	15.801	HH	23320	439030	5.43%	0.127%
337	15.846	15.801	15.890	HH	126492	2600081	32.14%	0.753%
338	15.906	15.890	15.921	HH	23945	442878	5.48%	0.128%
339	15.930	15.921	15.942	HH	23968	295711	3.66%	0.086%
340	15.957	15.942	15.974	HH	23984	456884	5.65%	0.132%
341	16.031	15.974	16.053	HH	27608	1204065	14.89%	0.349%
342	16.062	16.053	16.079	HH	26558	412259	5.10%	0.119%
343	16.100	16.079	16.105	HH	26524	408809	5.05%	0.118%
344	16.135	16.105	16.159	HH	28757	891051	11.02%	0.258%
345	16.177	16.159	16.188	HH	28075	483778	5.98%	0.140%
346	16.228	16.188	16.259	HH	30478	1209503	14.95%	0.350%
347	16.310	16.259	16.378	HH	48817	2479077	30.65%	0.718%
348	16.440	16.378	16.467	HH	36137	1727068	21.35%	0.500%
349	16.492	16.467	16.515	HH	33892	929144	11.49%	0.269%
350	16.535	16.515	16.573	HH	33137	1142677	14.13%	0.331%
351	16.629	16.573	16.657	HH	48027	1893171	23.41%	0.549%

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352	16.686	16.657	16.730	HH	51690	1737427	21.48%	0.503%
353	16.795	16.730	16.831	HH	137810	3619053	44.74%	1.049%
354	16.848	16.831	16.886	HH	42829	1314380	16.25%	0.381%
355	16.900	16.886	16.905	HH	39369	457312	5.65%	0.133%
356	16.934	16.905	16.968	HH	40947	1510033	18.67%	0.438%
357	16.997	16.968	17.009	HH	41766	1008390	12.47%	0.292%
358	17.047	17.009	17.080	HH	45460	1867683	23.09%	0.541%
359	17.094	17.080	17.100	HH	43657	517984	6.40%	0.150%
360	17.104	17.100	17.143	HH	44159	1103053	13.64%	0.320%
361	17.147	17.143	17.160	HH	42848	447529	5.53%	0.130%
362	17.187	17.160	17.201	HH	47141	1099838	13.60%	0.319%
363	17.215	17.201	17.229	HH	48271	795631	9.84%	0.231%
364	17.245	17.229	17.263	HH	49953	983453	12.16%	0.285%
365	17.279	17.263	17.284	HH	46700	584861	7.23%	0.169%
366	17.289	17.284	17.304	HH	46522	556341	6.88%	0.161%
367	17.318	17.304	17.323	HH	46046	511744	6.33%	0.148%
368	17.360	17.323	17.395	HH	52204	2107681	26.06%	0.611%
369	17.418	17.395	17.445	HH	49317	1432871	17.71%	0.415%
370	17.461	17.445	17.467	HH	47787	615313	7.61%	0.178%
371	17.474	17.467	17.477	HH	47576	300544	3.72%	0.087%
372	17.482	17.477	17.504	HH	47574	741551	9.17%	0.215%
373	17.526	17.504	17.531	HH	48785	773432	9.56%	0.224%
374	17.536	17.531	17.555	HH	48800	700770	8.66%	0.203%
375	17.588	17.555	17.616	HH	51048	1855489	22.94%	0.538%
376	17.683	17.616	17.714	HH	157135	4486914	55.47%	1.300%
377	17.734	17.714	17.752	HH	55092	1224587	15.14%	0.355%
378	17.777	17.752	17.793	HH	54783	1310206	16.20%	0.380%
379	17.830	17.793	17.894	HH	64613	3538300	43.74%	1.025%
380	17.902	17.894	17.912	HH	56016	616057	7.62%	0.179%
381	17.919	17.912	17.935	HH	55773	764102	9.45%	0.221%
382	17.968	17.935	17.984	HH	59332	1673743	20.69%	0.485%
383	18.007	17.984	18.019	HH	58429	1211361	14.98%	0.351%
384	18.057	18.019	18.083	HH	70472	2427049	30.01%	0.703%
385	18.105	18.083	18.130	HH	69062	1829590	22.62%	0.530%
386	18.146	18.130	18.155	HH	61613	902586	11.16%	0.262%
387	18.171	18.155	18.175	HH	63581	747932	9.25%	0.217%
388	18.198	18.175	18.215	HH	73313	1661953	20.55%	0.482%
389	18.225	18.215	18.285	HH	69394	2727513	33.72%	0.790%
390	18.311	18.285	18.336	HH	75590	2087024	25.80%	0.605%
391	18.350	18.336	18.370	HH	63987	1291349	15.96%	0.374%
392	18.398	18.370	18.419	HH	66321	1898303	23.47%	0.550%
393	18.440	18.419	18.473	HH	67247	2080318	25.72%	0.603%
394	18.516	18.473	18.555	HH	174683	4743570	58.64%	1.374%
395	18.576	18.555	18.587	HH	65976	1275740	15.77%	0.370%
396	18.620	18.587	18.647	HH	74834	2499690	30.90%	0.724%
397	18.672	18.647	18.693	HH	73678	1937358	23.95%	0.561%
398	18.718	18.693	18.737	HH	69120	1821170	22.51%	0.528%
399	18.753	18.737	18.767	HH	70097	1221256	15.10%	0.354%
400	18.795	18.767	18.804	HH	71731	1584514	19.59%	0.459%
401	18.808	18.804	18.820	HH	70533	690117	8.53%	0.200%
402	18.826	18.820	18.829	HH	69876	370519	4.58%	0.107%
403	18.836	18.829	18.864	HH	70349	1430878	17.69%	0.415%
404	18.911	18.864	18.932	HH	79058	3017344	37.30%	0.874%

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405	18.938	18.932	18.941	HH	72628	406079	5.02%	0.118%
406	18.954	18.941	18.980	HH	75252	1718130	21.24%	0.498%
407	19.025	18.980	19.064	HH	77143	3720907	46.00%	1.078%
408	19.078	19.064	19.084	HH	72512	866433	10.71%	0.251%
409	19.114	19.084	19.140	HH	74380	2495003	30.85%	0.723%
410	19.165	19.140	19.177	HH	73663	1603558	19.82%	0.465%
411	19.209	19.177	19.230	HH	76058	2410011	29.79%	0.698%
412	19.238	19.230	19.254	HH	75855	1054832	13.04%	0.306%
413	19.301	19.254	19.383	HH	193592	7741798	95.71%	2.243%
414	19.416	19.383	19.444	HH	82758	2933711	36.27%	0.850%
415	19.469	19.444	19.515	HH	85263	3495009	43.21%	1.013%
416	19.538	19.515	19.568	HH	84737	2650171	32.76%	0.768%
417	19.583	19.568	19.588	HH	82354	985386	12.18%	0.286%
418	19.594	19.588	19.620	HH	82441	1565560	19.35%	0.454%
419	19.677	19.620	19.705	HH	89404	4328213	53.51%	1.254%
420	19.731	19.705	19.770	HH	85630	3274229	40.48%	0.949%
421	19.780	19.770	19.790	HH	84043	1003595	12.41%	0.291%
422	19.796	19.790	19.800	HH	83697	515887	6.38%	0.149%
423	19.803	19.800	19.810	HH	83943	502238	6.21%	0.146%
424	19.849	19.810	19.882	HH	90835	3733061	46.15%	1.082%
425	19.914	19.882	19.934	HH	89767	2751582	34.02%	0.797%
426	19.950	19.934	19.971	HH	90164	1969078	24.34%	0.571%
427	20.043	19.971	20.091	HH	203946	8088718	100.00%	2.344%
428	20.120	20.091	20.135	HH	92063	2370550	29.31%	0.687%
429	20.155	20.135	20.172	HH	90343	2017875	24.95%	0.585%
430	20.179	20.172	20.185	HH	90267	650877	8.05%	0.189%
431	20.213	20.185	20.230	HH	91242	2495682	30.85%	0.723%
432	20.264	20.230	20.298	HH	92858	3726482	46.07%	1.080%
433	20.315	20.298	20.323	HH	92472	1349179	16.68%	0.391%
434	20.330	20.323	20.345	HH	93030	1230151	15.21%	0.356%
435	20.362	20.345	20.378	HH	93514	1854715	22.93%	0.537%
436	20.394	20.378	20.465	HH	96959	4833507	59.76%	1.401%
437	20.502	20.465	20.507	HH	92040	2252201	27.84%	0.653%
438	20.512	20.507	20.560	HH	91788	2897552	35.82%	0.840%
439	20.569	20.560	20.585	HH	90204	1345761	16.64%	0.390%
440	20.590	20.585	20.596	HH	90292	599133	7.41%	0.174%
441	20.602	20.596	20.610	HH	90502	735019	9.09%	0.213%
442	20.623	20.610	20.662	HH	90808	2799188	34.61%	0.811%
443	20.667	20.662	20.710	HH	87570	2477236	30.63%	0.718%
444	20.769	20.710	20.834	HH	180161	7866239	97.25%	2.279%
445	20.838	20.834	20.844	HH	85243	548603	6.78%	0.159%
446	20.852	20.844	20.859	HH	85184	752212	9.30%	0.218%
447	20.863	20.859	20.905	HH	83983	2297781	28.41%	0.666%
448	20.909	20.905	20.929	HH	82278	1168080	14.44%	0.338%
449	20.935	20.929	20.995	HH	82303	3177025	39.28%	0.921%
450	20.999	20.995	21.004	HH	80181	428600	5.30%	0.124%
451	21.005	21.004	21.010	HH	80155	314681	3.89%	0.091%
452	21.022	21.010	21.027	HH	80292	803985	9.94%	0.233%
453	21.032	21.027	21.041	HH	80114	690347	8.53%	0.200%
454	21.051	21.041	21.081	HH	80100	1865127	23.06%	0.540%
455	21.087	21.081	21.094	HH	78799	606670	7.50%	0.176%
456	21.102	21.094	21.107	HH	78716	634035	7.84%	0.184%

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457	21.115	21.107	21.122	HH	78808	684746	8.47%	0.198%
458	21.127	21.122	21.138	HH	78544	769238	9.51%	0.223%
459	21.146	21.138	21.152	HH	78363	672099	8.31%	0.195%
460	21.182	21.152	21.237	HH	82578	4039200	49.94%	1.170%
461	21.243	21.237	21.295	HH	76603	2628567	32.50%	0.762%
462	21.310	21.295	21.345	HH	74665	2211937	27.35%	0.641%
463	21.353	21.345	21.362	HH	73487	734722	9.08%	0.213%
464	21.378	21.362	21.386	HH	73872	1049203	12.97%	0.304%
465	21.392	21.386	21.444	HH	73850	2521476	31.17%	0.731%
466	21.450	21.444	21.469	HH	71961	1072694	13.26%	0.311%
467	21.506	21.469	21.517	HH	74537	2120930	26.22%	0.615%
468	21.523	21.517	21.558	HH	74060	1796890	22.21%	0.521%
469	21.567	21.558	21.572	HH	73500	644928	7.97%	0.187%
470	21.578	21.572	21.594	HH	73813	950626	11.75%	0.275%
471	21.650	21.594	21.710	HH	137465	6383826	78.92%	1.850%
472	21.715	21.710	21.747	HH	66581	1439751	17.80%	0.417%
473	21.774	21.747	21.867	HH	67704	4749802	58.72%	1.376%
474	21.934	21.867	22.000	HHA	66690	5293809	65.45%	1.534%
					Sum of corrected areas:		345124075	

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