

Data Path : P:\HPCHEM1\FID_F\Data\FF032218\
 Data File : FF000301.D
 Signal(s) : FID2B.ch
 Acq On : 22 Mar 2018 15:34
 Sample : J1991-01MS
 Misc :
 ALS Vial : 57 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	2.269	2.242	2.330	BH	116067	852247	14.11%	0.253%
2	2.341	2.330	2.379	PH	-14	-2668	-0.04%	-0.001%
3	2.382	2.379	2.389	PH	-109	-753	-0.01%	-0.000%
4	2.395	2.389	2.399	PH	-88	-657	-0.01%	-0.000%
5	2.409	2.399	2.424	PH	-50	-1145	-0.02%	-0.000%
6	2.428	2.424	2.438	PH	-20	-581	-0.01%	-0.000%
7	2.459	2.438	2.487	PH	146	-122	-0.00%	-0.000%
8	2.509	2.487	2.532	PH	820	6256	0.10%	0.002%
9	2.545	2.532	2.560	PH	228	1200	0.02%	0.000%
10	2.572	2.560	2.588	PH	52	-919	-0.02%	-0.000%
11	2.601	2.588	2.614	PH	315	1029	0.02%	0.000%
12	2.629	2.614	2.666	PH	41	-2997	-0.05%	-0.001%
13	2.670	2.666	2.709	PH	-170	-5108	-0.08%	-0.002%
14	2.738	2.709	2.766	PH	407	1426	0.02%	0.000%
15	2.769	2.766	2.776	PH	-188	-1308	-0.02%	-0.000%
16	2.787	2.776	2.803	PH	-63	-3494	-0.06%	-0.001%
17	2.820	2.803	2.853	PH	1183	10708	0.18%	0.003%
18	2.861	2.853	2.866	PH	-147	-1564	-0.03%	-0.000%
19	2.871	2.866	2.883	PH	-161	-2048	-0.03%	-0.001%
20	2.895	2.883	2.908	PH	-51	-2205	-0.04%	-0.001%
21	2.931	2.908	2.944	PH	81	-693	-0.01%	-0.000%
22	2.951	2.944	2.971	PH	21	-912	-0.02%	-0.000%
23	3.001	2.971	3.032	PH	478	486	0.01%	0.000%
24	3.048	3.032	3.074	PH	726	2049	0.03%	0.001%
25	3.086	3.074	3.099	PH	54	-1093	-0.02%	-0.000%
26	3.120	3.099	3.136	PH	85	-1448	-0.02%	-0.000%
27	3.145	3.136	3.162	PH	-50	-2649	-0.04%	-0.001%
28	3.176	3.162	3.229	PH	7126	61296	1.01%	0.018%
29	3.241	3.229	3.257	PH	-11	-1733	-0.03%	-0.001%
30	3.268	3.257	3.281	PH	-27	-1844	-0.03%	-0.001%
31	3.299	3.281	3.332	PH	1715	12827	0.21%	0.004%
32	3.338	3.332	3.341	PH	-134	-878	-0.01%	-0.000%
33	3.344	3.341	3.361	PH	-143	-2791	-0.05%	-0.001%
34	3.368	3.361	3.384	PH	-284	-4417	-0.07%	-0.001%
35	3.399	3.384	3.411	PH	-166	-3969	-0.07%	-0.001%
36	3.425	3.411	3.438	PH	-80	-3089	-0.05%	-0.001%

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37	3.450	3.438	3.460	PH	-108	-2382	-0.04%	-0.001%	
38	3.488	3.460	3.530	PH	159	-3634	-0.06%	-0.001%	
39	3.538	3.530	3.548	PH	-281	-3355	-0.06%	-0.001%	
40	3.569	3.548	3.584	PH	280	975	0.02%	0.000%	
41	3.595	3.584	3.617	HH	380	1910	0.03%	0.001%	
42	3.633	3.617	3.656	PH	12	-2384	-0.04%	-0.001%	
43	3.676	3.656	3.695	PH	759	4627	0.08%	0.001%	
44	3.710	3.695	3.725	PH	375	1514	0.03%	0.000%	
45	3.747	3.725	3.760	PH	203	-160	-0.00%	-0.000%	
46	3.767	3.760	3.779	PH	-108	-1719	-0.03%	-0.001%	
47	3.796	3.779	3.807	PH	1276	8872	0.15%	0.003%	
48	3.815	3.807	3.831	HH	670	3259	0.05%	0.001%	
49	3.844	3.831	3.860	PH	364	-201	-0.00%	-0.000%	
50	3.880	3.860	3.939	PH	721	2369	0.04%	0.001%	
51	3.965	3.939	3.989	PH	2661	31103	0.51%	0.009%	
52	4.000	3.989	4.022	HH	992	8599	0.14%	0.003%	
53	4.034	4.022	4.047	PH	339	2441	0.04%	0.001%	
54	4.066	4.047	4.089	HH	1375	11565	0.19%	0.003%	
55	4.134	4.089	4.162	PH	2210	19178	0.32%	0.006%	
56	4.176	4.162	4.204	HH	762	8129	0.13%	0.002%	
57	4.214	4.204	4.260	PH	226	-71	-0.00%	-0.000%	
58	4.288	4.260	4.309	PH	304	1350	0.02%	0.000%	
59	4.326	4.309	4.346	PH	557	4628	0.08%	0.001%	
60	4.372	4.346	4.400	PH	208902	1857745	30.75%	0.552%	
61	4.414	4.400	4.429	HH	1373	12557	0.21%	0.004%	
62	4.444	4.429	4.464	HH	744	7529	0.12%	0.002%	
63	4.475	4.464	4.503	HH	536	4716	0.08%	0.001%	
64	4.522	4.503	4.555	PH	1386	16874	0.28%	0.005%	
65	4.573	4.555	4.587	HH	861	10584	0.18%	0.003%	
66	4.597	4.587	4.611	HH	607	6296	0.10%	0.002%	
67	4.627	4.611	4.644	HH	2121	18526	0.31%	0.006%	
68	4.655	4.644	4.668	HH	856	7420	0.12%	0.002%	
69	4.680	4.668	4.690	HH	517	5019	0.08%	0.001%	
70	4.704	4.690	4.716	HH	866	9207	0.15%	0.003%	
71	4.725	4.716	4.734	HH	741	6066	0.10%	0.002%	
72	4.750	4.734	4.765	HH	1717	17343	0.29%	0.005%	
73	4.788	4.765	4.810	HH	2122	28982	0.48%	0.009%	
74	4.825	4.810	4.834	HH	1289	11374	0.19%	0.003%	
75	4.845	4.834	4.871	HH	1454	16276	0.27%	0.005%	
76	4.900	4.871	4.914	HH	864	8917	0.15%	0.003%	
77	4.932	4.914	4.949	HH	388	4428	0.07%	0.001%	
78	4.981	4.949	4.993	PH	908	12738	0.21%	0.004%	
79	5.014	4.993	5.039	HH	1859	26290	0.44%	0.008%	
80	5.065	5.039	5.077	HH	1508	23622	0.39%	0.007%	
81	5.090	5.077	5.102	HH	2006	19329	0.32%	0.006%	
82	5.113	5.102	5.131	HH	1624	17064	0.28%	0.005%	
83	5.142	5.131	5.159	HH	498	4013	0.07%	0.001%	
84	5.174	5.159	5.188	PH	156	1286	0.02%	0.000%	
85	5.209	5.188	5.216	HH	775	7578	0.13%	0.002%	
86	5.230	5.216	5.257	HH	1319	20685	0.34%	0.006%	
87	5.280	5.257	5.289	HH	1400	18133	0.30%	0.005%	
88	5.300	5.289	5.317	HH	1803	18808	0.31%	0.006%	
89	5.334	5.317	5.346	HH	586	7754	0.13%	0.002%	

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90	5.359	5.346	5.383	HH	689	7497	0.12%	0.002%
91	5.409	5.383	5.427	PH	11212	113575	1.88%	0.034%
92	5.439	5.427	5.463	HH	2478	31185	0.52%	0.009%
93	5.480	5.463	5.514	HH	616	11220	0.19%	0.003%
94	5.537	5.514	5.571	HH	412	10738	0.18%	0.003%
95	5.594	5.571	5.617	HH	3338	45118	0.75%	0.013%
96	5.623	5.617	5.635	HH	937	7506	0.12%	0.002%
97	5.658	5.635	5.671	HH	813	13814	0.23%	0.004%
98	5.691	5.671	5.702	HH	3568	42834	0.71%	0.013%
99	5.707	5.702	5.729	HH	2752	27575	0.46%	0.008%
100	5.744	5.729	5.766	HH	1803	24869	0.41%	0.007%
101	5.781	5.766	5.797	HH	2437	26779	0.44%	0.008%
102	5.818	5.797	5.844	HH	1479	27134	0.45%	0.008%
103	5.863	5.844	5.884	HH	1632	21203	0.35%	0.006%
104	5.914	5.884	5.935	HH	2062	39496	0.65%	0.012%
105	5.955	5.935	5.977	HH	18865	192183	3.18%	0.057%
106	6.004	5.977	6.024	HH	3370	52423	0.87%	0.016%
107	6.048	6.024	6.072	HH	2493	41184	0.68%	0.012%
108	6.109	6.072	6.124	HH	3785	79784	1.32%	0.024%
109	6.134	6.124	6.158	HH	1990	34920	0.58%	0.010%
110	6.175	6.158	6.192	HH	2616	38563	0.64%	0.011%
111	6.198	6.192	6.215	HH	1845	23897	0.40%	0.007%
112	6.229	6.215	6.251	HH	2315	37850	0.63%	0.011%
113	6.271	6.251	6.287	HH	1881	30605	0.51%	0.009%
114	6.323	6.287	6.357	HH	3466	83073	1.38%	0.025%
115	6.389	6.357	6.441	HH	237901	2372775	39.28%	0.705%
116	6.478	6.441	6.491	HH	2056	44542	0.74%	0.013%
117	6.503	6.491	6.520	HH	2592	37688	0.62%	0.011%
118	6.537	6.520	6.561	HH	5435	76289	1.26%	0.023%
119	6.584	6.561	6.601	HH	3636	58483	0.97%	0.017%
120	6.610	6.601	6.624	HH	1888	22201	0.37%	0.007%
121	6.638	6.624	6.645	HH	1762	20399	0.34%	0.006%
122	6.666	6.645	6.684	HH	3914	57788	0.96%	0.017%
123	6.709	6.684	6.737	HH	2592	64599	1.07%	0.019%
124	6.746	6.737	6.757	HH	1906	20888	0.35%	0.006%
125	6.788	6.757	6.811	HH	6634	105815	1.75%	0.031%
126	6.823	6.811	6.836	HH	1965	26464	0.44%	0.008%
127	6.856	6.836	6.872	HH	2659	44603	0.74%	0.013%
128	6.888	6.872	6.894	HH	3456	37512	0.62%	0.011%
129	6.908	6.894	6.929	HH	4423	69869	1.16%	0.021%
130	6.947	6.929	6.974	HH	5496	90103	1.49%	0.027%
131	7.010	6.974	7.032	HH	11115	197212	3.26%	0.059%
132	7.046	7.032	7.073	HH	4048	85500	1.42%	0.025%
133	7.090	7.073	7.126	HH	8100	150284	2.49%	0.045%
134	7.144	7.126	7.171	HH	8364	122646	2.03%	0.036%
135	7.192	7.171	7.209	HH	3549	63464	1.05%	0.019%
136	7.218	7.209	7.234	HH	2475	35536	0.59%	0.011%
137	7.240	7.234	7.253	HH	2304	24854	0.41%	0.007%
138	7.310	7.253	7.337	HH	15223	324312	5.37%	0.096%
139	7.353	7.337	7.373	HH	4317	81491	1.35%	0.024%
140	7.383	7.373	7.390	HH	3754	36798	0.61%	0.011%
141	7.397	7.390	7.417	HH	3900	55620	0.92%	0.017%

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142	7.446	7.417	7.460	HH	3128	75287	1.25%	0.022%
143	7.484	7.460	7.519	HH	7402	168228	2.78%	0.050%
144	7.537	7.519	7.555	HH	4400	72470	1.20%	0.022%
145	7.580	7.555	7.589	HH	3375	57888	0.96%	0.017%
146	7.602	7.589	7.611	HH	4144	49731	0.82%	0.015%
147	7.624	7.611	7.633	HH	4803	56634	0.94%	0.017%
148	7.642	7.633	7.662	HH	4679	71033	1.18%	0.021%
149	7.675	7.662	7.687	HH	3635	51281	0.85%	0.015%
150	7.699	7.687	7.707	HH	3649	40542	0.67%	0.012%
151	7.733	7.707	7.755	HH	9397	180658	2.99%	0.054%
152	7.762	7.755	7.777	HH	5287	67617	1.12%	0.020%
153	7.787	7.777	7.802	HH	5340	71165	1.18%	0.021%
154	7.828	7.802	7.848	HH	5748	127247	2.11%	0.038%
155	7.879	7.848	7.898	HH	7094	167280	2.77%	0.050%
156	7.915	7.898	7.923	HH	8921	111325	1.84%	0.033%
157	7.933	7.923	7.963	HH	9760	157731	2.61%	0.047%
158	8.000	7.963	8.041	HH	14257	333746	5.53%	0.099%
159	8.059	8.041	8.075	HH	6163	108080	1.79%	0.032%
160	8.103	8.075	8.118	HH	13850	230633	3.82%	0.068%
161	8.130	8.118	8.149	HH	10460	149548	2.48%	0.044%
162	8.180	8.149	8.208	HH	262970	2845953	47.11%	0.845%
163	8.237	8.208	8.262	HH	58267	723221	11.97%	0.215%
164	8.284	8.262	8.308	HH	11141	228833	3.79%	0.068%
165	8.342	8.308	8.356	HH	9986	200619	3.32%	0.060%
166	8.367	8.356	8.385	HH	7615	122473	2.03%	0.036%
167	8.399	8.385	8.439	HH	8639	214766	3.56%	0.064%
168	8.469	8.439	8.494	HH	5918	176195	2.92%	0.052%
169	8.506	8.494	8.515	HH	4799	59695	0.99%	0.018%
170	8.537	8.515	8.546	HH	6832	109251	1.81%	0.032%
171	8.552	8.546	8.558	HH	6800	49053	0.81%	0.015%
172	8.581	8.558	8.610	HH	28855	436960	7.23%	0.130%
173	8.631	8.610	8.653	HH	12000	249426	4.13%	0.074%
174	8.671	8.653	8.683	HH	8299	140078	2.32%	0.042%
175	8.714	8.683	8.739	HH	18509	390898	6.47%	0.116%
176	8.767	8.739	8.782	HH	8890	190589	3.16%	0.057%
177	8.796	8.782	8.803	HH	7619	88059	1.46%	0.026%
178	8.821	8.803	8.835	HH	12018	189636	3.14%	0.056%
179	8.853	8.835	8.881	HH	28820	419002	6.94%	0.124%
180	8.892	8.881	8.907	HH	7573	111500	1.85%	0.033%
181	8.944	8.907	8.959	HH	9154	246162	4.08%	0.073%
182	8.998	8.959	9.019	HH	39910	645986	10.69%	0.192%
183	9.029	9.019	9.067	HH	13177	266366	4.41%	0.079%
184	9.087	9.067	9.110	HH	8719	195311	3.23%	0.058%
185	9.145	9.110	9.162	HH	12042	270795	4.48%	0.080%
186	9.177	9.162	9.192	HH	10427	159469	2.64%	0.047%
187	9.198	9.192	9.214	HH	8208	99152	1.64%	0.029%
188	9.228	9.214	9.244	HH	8923	149939	2.48%	0.045%
189	9.259	9.244	9.265	HH	8383	98460	1.63%	0.029%
190	9.281	9.265	9.302	HH	12355	219034	3.63%	0.065%
191	9.322	9.302	9.339	HH	8263	173997	2.88%	0.052%
192	9.363	9.339	9.407	HH	29868	628280	10.40%	0.187%
193	9.415	9.407	9.424	HH	9230	91733	1.52%	0.027%
194	9.445	9.424	9.479	HH	15412	414243	6.86%	0.123%

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195	9.508	9.479	9.527	HH	14040	330593	5.47%	0.098%
196	9.543	9.527	9.549	HH	12926	153170	2.54%	0.045%
197	9.557	9.549	9.591	HH	13424	299426	4.96%	0.089%
198	9.610	9.591	9.634	HH	9479	230110	3.81%	0.068%
199	9.644	9.634	9.665	HH	8272	152914	2.53%	0.045%
200	9.686	9.665	9.709	HH	13938	284645	4.71%	0.085%
201	9.733	9.709	9.750	HH	12129	264122	4.37%	0.078%
202	9.778	9.750	9.826	HH	280594	3401977	56.32%	1.010%
203	9.846	9.826	9.865	HH	10877	230597	3.82%	0.068%
204	9.883	9.865	9.922	HH	10685	317063	5.25%	0.094%
205	9.948	9.922	9.974	HH	10922	292298	4.84%	0.087%
206	9.987	9.974	9.998	HH	8936	125228	2.07%	0.037%
207	10.008	9.998	10.028	HH	8753	155260	2.57%	0.046%
208	10.050	10.028	10.071	HH	11270	243137	4.03%	0.072%
209	10.120	10.071	10.140	HH	12155	435748	7.21%	0.129%
210	10.164	10.140	10.191	HH	21992	466466	7.72%	0.139%
211	10.217	10.191	10.228	HH	14978	278544	4.61%	0.083%
212	10.245	10.228	10.269	HH	17700	366619	6.07%	0.109%
213	10.284	10.269	10.297	HH	15861	239569	3.97%	0.071%
214	10.309	10.297	10.336	HH	14739	282270	4.67%	0.084%
215	10.361	10.336	10.394	HH	14732	428898	7.10%	0.127%
216	10.415	10.394	10.435	HH	14506	319945	5.30%	0.095%
217	10.442	10.435	10.475	HH	12309	281965	4.67%	0.084%
218	10.514	10.475	10.544	HH	42325	874429	14.48%	0.260%
219	10.569	10.544	10.575	HH	23571	349395	5.78%	0.104%
220	10.588	10.575	10.613	HH	26340	461631	7.64%	0.137%
221	10.629	10.613	10.650	HH	14076	300924	4.98%	0.089%
222	10.660	10.650	10.677	HH	12480	194495	3.22%	0.058%
223	10.688	10.677	10.701	HH	11437	158088	2.62%	0.047%
224	10.728	10.701	10.737	HH	13231	268916	4.45%	0.080%
225	10.762	10.737	10.784	HH	98577	1263411	20.92%	0.375%
226	10.790	10.784	10.812	HH	17091	248163	4.11%	0.074%
227	10.836	10.812	10.854	HH	36054	574497	9.51%	0.171%
228	10.862	10.854	10.880	HH	17981	243974	4.04%	0.072%
229	10.906	10.880	10.923	HH	15556	378720	6.27%	0.112%
230	10.932	10.923	10.952	HH	14051	228820	3.79%	0.068%
231	10.969	10.952	10.988	HH	14256	287511	4.76%	0.085%
232	11.010	10.988	11.033	HH	15450	384035	6.36%	0.114%
233	11.050	11.033	11.094	HH	20506	582461	9.64%	0.173%
234	11.118	11.094	11.134	HH	14495	330855	5.48%	0.098%
235	11.154	11.134	11.176	HH	15634	362383	6.00%	0.108%
236	11.218	11.176	11.249	HH	262527	3366799	55.74%	1.000%
237	11.305	11.249	11.340	HH	22697	930310	15.40%	0.276%
238	11.361	11.340	11.386	HH	14944	380197	6.29%	0.113%
239	11.414	11.386	11.436	HH	17683	442002	7.32%	0.131%
240	11.453	11.436	11.474	HH	14755	314365	5.20%	0.093%
241	11.527	11.474	11.542	HH	16139	606246	10.04%	0.180%
242	11.564	11.542	11.579	HH	28995	467155	7.73%	0.139%
243	11.594	11.579	11.635	HH	32823	696607	11.53%	0.207%
244	11.679	11.635	11.696	HH	32292	764797	12.66%	0.227%
245	11.712	11.696	11.727	HH	26447	414616	6.86%	0.123%
246	11.743	11.727	11.799	HH	27356	764332	12.65%	0.227%

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247	11.827	11.799	11.844	HH	15586	389769	6.45%	0.116%
248	11.885	11.844	11.909	HH	29336	780305	12.92%	0.232%
249	11.919	11.909	11.940	HH	16821	296302	4.91%	0.088%
250	11.966	11.940	11.986	HH	16313	415892	6.88%	0.123%
251	12.001	11.986	12.006	HH	14368	170648	2.83%	0.051%
252	12.035	12.006	12.056	HH	21694	505922	8.38%	0.150%
253	12.064	12.056	12.076	HH	14887	176900	2.93%	0.053%
254	12.098	12.076	12.129	HH	17065	485954	8.04%	0.144%
255	12.178	12.129	12.198	HH	15931	614606	10.17%	0.182%
256	12.214	12.198	12.227	HH	15746	270637	4.48%	0.080%
257	12.247	12.227	12.270	HH	15789	395146	6.54%	0.117%
258	12.306	12.270	12.332	HH	17567	597234	9.89%	0.177%
259	12.353	12.332	12.392	HH	20968	619870	10.26%	0.184%
260	12.411	12.392	12.440	HH	16241	434958	7.20%	0.129%
261	12.463	12.440	12.482	HH	28923	532871	8.82%	0.158%
262	12.526	12.482	12.554	HH	241998	3357801	55.59%	0.997%
263	12.578	12.554	12.617	HH	117043	1723959	28.54%	0.512%
264	12.637	12.617	12.661	HH	16517	396799	6.57%	0.118%
265	12.676	12.661	12.692	HH	14853	272190	4.51%	0.081%
266	12.713	12.692	12.728	HH	19083	351923	5.83%	0.104%
267	12.740	12.728	12.752	HH	16955	241031	3.99%	0.072%
268	12.765	12.752	12.784	HH	19020	331824	5.49%	0.099%
269	12.793	12.784	12.807	HH	16707	224871	3.72%	0.067%
270	12.818	12.807	12.841	HH	16282	310004	5.13%	0.092%
271	12.875	12.841	12.902	HH	96331	1431284	23.69%	0.425%
272	12.933	12.902	12.950	HH	21437	532358	8.81%	0.158%
273	12.967	12.950	12.999	HH	21252	512104	8.48%	0.152%
274	13.015	12.999	13.033	HH	15367	302704	5.01%	0.090%
275	13.052	13.033	13.056	HH	16683	215136	3.56%	0.064%
276	13.071	13.056	13.103	HH	17329	436734	7.23%	0.130%
277	13.138	13.103	13.161	HH	24799	634553	10.50%	0.188%
278	13.186	13.161	13.198	HH	18736	386954	6.41%	0.115%
279	13.210	13.198	13.237	HH	18658	402821	6.67%	0.120%
280	13.244	13.237	13.257	HH	14712	169174	2.80%	0.050%
281	13.273	13.257	13.287	HH	16634	284420	4.71%	0.084%
282	13.303	13.287	13.317	HH	17468	289871	4.80%	0.086%
283	13.335	13.317	13.362	HH	19126	470809	7.79%	0.140%
284	13.369	13.362	13.401	HH	15671	348987	5.78%	0.104%
285	13.464	13.401	13.499	HH	29709	1105694	18.30%	0.328%
286	13.518	13.499	13.522	HH	16217	219697	3.64%	0.065%
287	13.532	13.522	13.551	HH	16374	272928	4.52%	0.081%
288	13.573	13.551	13.594	HH	24742	517722	8.57%	0.154%
289	13.611	13.594	13.631	HH	22647	424057	7.02%	0.126%
290	13.653	13.631	13.687	HH	17644	567197	9.39%	0.168%
291	13.723	13.687	13.761	HH	221768	3303510	54.69%	0.981%
292	13.780	13.761	13.809	HH	21997	515585	8.54%	0.153%
293	13.814	13.809	13.818	HH	15310	81010	1.34%	0.024%
294	13.824	13.818	13.831	HH	15286	121438	2.01%	0.036%
295	13.836	13.831	13.839	HH	15302	68463	1.13%	0.020%
296	13.851	13.839	13.902	HH	15724	583966	9.67%	0.173%
297	13.946	13.902	13.974	HH	16821	689832	11.42%	0.205%
298	13.990	13.974	14.009	HH	16022	325015	5.38%	0.097%
299	14.014	14.009	14.027	HH	15743	171290	2.84%	0.051%

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300	14.048	14.027	14.063	HH	16370	346917	5.74%	0.103%
301	14.083	14.063	14.098	HH	17954	349022	5.78%	0.104%
302	14.111	14.098	14.121	HH	16399	219597	3.64%	0.065%
303	14.165	14.121	14.181	HH	19021	647153	10.71%	0.192%
304	14.196	14.181	14.217	HH	20512	403728	6.68%	0.120%
305	14.232	14.217	14.254	HH	17992	385375	6.38%	0.114%
306	14.285	14.254	14.321	HH	23892	788955	13.06%	0.234%
307	14.342	14.321	14.357	HH	18921	404529	6.70%	0.120%
308	14.379	14.357	14.396	HH	23408	477616	7.91%	0.142%
309	14.401	14.396	14.420	HH	19181	268630	4.45%	0.080%
310	14.441	14.420	14.462	HH	25492	532965	8.82%	0.158%
311	14.500	14.462	14.524	HH	20291	691392	11.45%	0.205%
312	14.539	14.524	14.549	HH	18227	269788	4.47%	0.080%
313	14.565	14.549	14.585	HH	19247	397482	6.58%	0.118%
314	14.622	14.585	14.659	HH	180775	2984164	49.40%	0.886%
315	14.705	14.659	14.723	HH	20755	727102	12.04%	0.216%
316	14.751	14.723	14.772	HH	42422	831526	13.77%	0.247%
317	14.792	14.772	14.803	HH	42942	613882	10.16%	0.182%
318	14.826	14.803	14.858	HH	200637	2934988	48.59%	0.872%
319	14.869	14.858	14.877	HH	20708	230885	3.82%	0.069%
320	14.911	14.877	14.943	HH	26058	899677	14.89%	0.267%
321	14.958	14.943	14.974	HH	22424	398841	6.60%	0.118%
322	14.986	14.974	15.024	HH	21818	626757	10.38%	0.186%
323	15.057	15.024	15.105	HH	23285	1062530	17.59%	0.316%
324	15.112	15.105	15.124	HH	21549	239075	3.96%	0.071%
325	15.136	15.124	15.164	HH	21416	507811	8.41%	0.151%
326	15.216	15.164	15.232	HH	25070	943562	15.62%	0.280%
327	15.237	15.232	15.257	HH	24165	351973	5.83%	0.105%
328	15.263	15.257	15.287	HH	23851	416038	6.89%	0.124%
329	15.305	15.287	15.316	HH	23303	398308	6.59%	0.118%
330	15.344	15.316	15.372	HH	30278	887952	14.70%	0.264%
331	15.387	15.372	15.397	HH	25053	370772	6.14%	0.110%
332	15.425	15.397	15.447	HH	33244	826946	13.69%	0.246%
333	15.463	15.447	15.493	HH	27548	727352	12.04%	0.216%
334	15.506	15.493	15.517	HH	24841	354713	5.87%	0.105%
335	15.530	15.517	15.542	HH	25622	379498	6.28%	0.113%
336	15.589	15.542	15.635	HH	29532	1499205	24.82%	0.445%
337	15.662	15.635	15.694	HH	26499	897738	14.86%	0.267%
338	15.713	15.694	15.728	HH	26209	534648	8.85%	0.159%
339	15.732	15.728	15.736	HH	25960	123698	2.05%	0.037%
340	15.750	15.736	15.769	HH	26858	524807	8.69%	0.156%
341	15.782	15.769	15.800	HH	26934	497745	8.24%	0.148%
342	15.846	15.800	15.887	HH	176306	3397874	56.25%	1.009%
343	15.899	15.887	15.921	HH	27620	554143	9.17%	0.165%
344	15.930	15.921	15.934	HH	27326	211821	3.51%	0.063%
345	15.946	15.934	15.978	HH	27431	713834	11.82%	0.212%
346	16.031	15.978	16.079	HH	31515	1766156	29.24%	0.524%
347	16.094	16.079	16.101	HH	29685	388829	6.44%	0.115%
348	16.130	16.101	16.156	HH	32332	1023404	16.94%	0.304%
349	16.172	16.156	16.186	HH	31761	565256	9.36%	0.168%
350	16.191	16.186	16.198	HH	31350	235652	3.90%	0.070%
351	16.230	16.198	16.260	HH	33877	1170383	19.38%	0.348%

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352	16.309	16.260	16.325	HH	52085	1527418	25.29%	0.454%
353	16.330	16.325	16.377	HH	46728	1175381	19.46%	0.349%
354	16.439	16.377	16.465	HH	39428	1852675	30.67%	0.550%
355	16.492	16.465	16.519	HH	36585	1146793	18.98%	0.341%
356	16.540	16.519	16.549	HH	36118	639735	10.59%	0.190%
357	16.556	16.549	16.560	HH	35693	235396	3.90%	0.070%
358	16.564	16.560	16.577	HH	35658	360870	5.97%	0.107%
359	16.629	16.577	16.653	HH	51025	1854330	30.70%	0.551%
360	16.686	16.653	16.727	HH	54104	1851064	30.64%	0.550%
361	16.796	16.727	16.831	HH	164906	4156952	68.82%	1.234%
362	16.846	16.831	16.885	HH	45763	1392206	23.05%	0.413%
363	16.938	16.885	16.964	HH	42041	1941951	32.15%	0.577%
364	16.996	16.964	17.009	HH	43132	1158978	19.19%	0.344%
365	17.046	17.009	17.081	HH	46669	1905551	31.55%	0.566%
366	17.098	17.081	17.102	HH	44597	573736	9.50%	0.170%
367	17.108	17.102	17.114	HH	44870	312939	5.18%	0.093%
368	17.120	17.114	17.147	HH	44646	881316	14.59%	0.262%
369	17.154	17.147	17.165	HH	43141	464020	7.68%	0.138%
370	17.187	17.165	17.201	HH	47604	970808	16.07%	0.288%
371	17.216	17.201	17.227	HH	48714	760045	12.58%	0.226%
372	17.246	17.227	17.269	HH	51910	1211639	20.06%	0.360%
373	17.286	17.269	17.307	HH	47079	1067346	17.67%	0.317%
374	17.359	17.307	17.400	HH	51805	2654332	43.94%	0.788%
375	17.417	17.400	17.435	HH	48870	986581	16.33%	0.293%
376	17.462	17.435	17.502	HH	47111	1875305	31.05%	0.557%
377	17.535	17.502	17.553	HH	48079	1438685	23.82%	0.427%
378	17.595	17.553	17.615	HH	50218	1827943	30.26%	0.543%
379	17.683	17.615	17.716	HH	165766	4656035	77.08%	1.383%
380	17.732	17.716	17.753	HH	53307	1168326	19.34%	0.347%
381	17.774	17.753	17.793	HH	53055	1239289	20.52%	0.368%
382	17.830	17.793	17.916	HH	62212	4076053	67.48%	1.210%
383	17.920	17.916	17.926	HH	52738	312390	5.17%	0.093%
384	17.932	17.926	17.939	HH	52921	407053	6.74%	0.121%
385	17.968	17.939	17.987	HH	55836	1562799	25.87%	0.464%
386	18.006	17.987	18.016	HH	55199	938292	15.53%	0.279%
387	18.056	18.016	18.082	HH	67223	2355954	39.00%	0.700%
388	18.106	18.082	18.129	HH	65609	1726620	28.58%	0.513%
389	18.143	18.129	18.156	HH	57831	895179	14.82%	0.266%
390	18.198	18.156	18.214	HH	69621	2219325	36.74%	0.659%
391	18.222	18.214	18.266	HH	64613	1916527	31.73%	0.569%
392	18.271	18.266	18.285	HH	58523	636729	10.54%	0.189%
393	18.311	18.285	18.339	HH	70953	2049226	33.92%	0.608%
394	18.352	18.339	18.357	HH	59584	646489	10.70%	0.192%
395	18.398	18.357	18.419	HH	61180	2191807	36.28%	0.651%
396	18.441	18.419	18.465	HH	62250	1668861	27.63%	0.496%
397	18.516	18.465	18.557	HH	172834	4930248	81.62%	1.464%
398	18.569	18.557	18.590	HH	60139	1180293	19.54%	0.350%
399	18.620	18.590	18.641	HH	70646	1991485	32.97%	0.591%
400	18.672	18.641	18.694	HH	68199	2031794	33.64%	0.603%
401	18.699	18.694	18.706	HH	62731	454306	7.52%	0.135%
402	18.714	18.706	18.732	HH	62984	1001509	16.58%	0.297%
403	18.749	18.732	18.762	HH	64132	1108687	18.35%	0.329%
404	18.793	18.762	18.816	HH	65419	2068978	34.25%	0.614%

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405	18.822	18.816	18.832	HH	64199	645838	10.69%	0.192%
406	18.833	18.832	18.838	HH	63892	219363	3.63%	0.065%
407	18.840	18.838	18.856	HH	63496	688798	11.40%	0.205%
408	18.912	18.856	18.936	HH	72644	3175745	52.57%	0.943%
409	18.955	18.936	18.979	HH	69074	1711883	28.34%	0.508%
410	19.019	18.979	19.067	HH	70180	3566753	59.05%	1.059%
411	19.085	19.067	19.088	HH	66037	840868	13.92%	0.250%
412	19.110	19.088	19.133	HH	67949	1779700	29.46%	0.528%
413	19.151	19.133	19.156	HH	66717	913777	15.13%	0.271%
414	19.163	19.156	19.177	HH	66747	855759	14.17%	0.254%
415	19.191	19.177	19.199	HH	67884	882222	14.60%	0.262%
416	19.203	19.199	19.217	HH	67981	744515	12.33%	0.221%
417	19.231	19.217	19.244	HH	68253	1079208	17.87%	0.320%
418	19.255	19.244	19.258	HH	67688	580225	9.61%	0.172%
419	19.300	19.258	19.356	HH	188060	5825835	96.45%	1.730%
420	19.361	19.356	19.382	HH	72068	1102095	18.24%	0.327%
421	19.388	19.382	19.390	HH	69508	361515	5.98%	0.107%
422	19.412	19.390	19.442	HH	73894	2248135	37.22%	0.668%
423	19.472	19.442	19.496	HH	76032	2334103	38.64%	0.693%
424	19.539	19.496	19.569	HH	75428	3225811	53.40%	0.958%
425	19.582	19.569	19.601	HH	73789	1411854	23.37%	0.419%
426	19.614	19.601	19.621	HH	73348	881068	14.59%	0.262%
427	19.671	19.621	19.706	HH	80116	3836495	63.51%	1.139%
428	19.726	19.706	19.770	HH	76415	2900286	48.01%	0.861%
429	19.791	19.770	19.798	HH	74636	1211843	20.06%	0.360%
430	19.851	19.798	19.881	HH	81007	3844404	63.64%	1.142%
431	19.917	19.881	19.934	HH	78933	2486211	41.16%	0.738%
432	19.950	19.934	19.968	HH	79026	1575360	26.08%	0.468%
433	19.981	19.968	19.985	HH	78300	810571	13.42%	0.241%
434	19.990	19.985	20.007	HH	78288	1006631	16.66%	0.299%
435	20.042	20.007	20.084	HH	195813	5315120	87.99%	1.578%
436	20.112	20.084	20.118	HH	80876	1611371	26.68%	0.478%
437	20.122	20.118	20.132	HH	79989	679420	11.25%	0.202%
438	20.140	20.132	20.171	HH	79075	1791157	29.65%	0.532%
439	20.191	20.171	20.197	HH	79474	1252656	20.74%	0.372%
440	20.207	20.197	20.235	HH	79828	1824192	30.20%	0.542%
441	20.245	20.235	20.248	HH	79565	617173	10.22%	0.183%
442	20.256	20.248	20.262	HH	80205	669826	11.09%	0.199%
443	20.264	20.262	20.299	HH	79936	1732826	28.69%	0.515%
444	20.314	20.299	20.322	HH	80534	1135448	18.80%	0.337%
445	20.326	20.322	20.346	HH	79966	1123648	18.60%	0.334%
446	20.351	20.346	20.356	HH	79942	480699	7.96%	0.143%
447	20.363	20.356	20.373	HH	80381	831381	13.76%	0.247%
448	20.393	20.373	20.398	HH	84670	1229041	20.35%	0.365%
449	20.400	20.398	20.469	HH	84581	3390955	56.14%	1.007%
450	20.506	20.469	20.536	HH	81028	3179703	52.64%	0.944%
451	20.542	20.536	20.559	HH	79302	1120879	18.56%	0.333%
452	20.576	20.559	20.586	HH	78020	1224471	20.27%	0.364%
453	20.596	20.586	20.697	HH	78138	5107181	84.55%	1.517%
454	20.702	20.697	20.706	HH	73701	410802	6.80%	0.122%
455	20.711	20.706	20.717	HH	73797	477413	7.90%	0.142%
456	20.768	20.717	20.816	HH	169291	5956333	98.61%	1.769%

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457	20.823	20.816	20.831	HH	73091	666289	11.03%	0.198%
458	20.838	20.831	20.853	HH	72631	957750	15.86%	0.284%
459	20.856	20.853	20.868	HH	72504	633204	10.48%	0.188%
460	20.873	20.868	20.904	HH	72017	1572737	26.04%	0.467%
461	20.910	20.904	20.912	HH	71000	332960	5.51%	0.099%
462	20.916	20.912	20.923	HH	71133	458149	7.58%	0.136%
463	20.928	20.923	20.971	HH	70668	2005176	33.20%	0.595%
464	20.976	20.971	20.993	HH	69133	923713	15.29%	0.274%
465	21.012	20.993	21.022	HH	68643	1173405	19.43%	0.348%
466	21.029	21.022	21.034	HH	68551	494615	8.19%	0.147%
467	21.043	21.034	21.049	HH	68641	605960	10.03%	0.180%
468	21.055	21.049	21.067	HH	68652	739451	12.24%	0.220%
469	21.072	21.067	21.109	HH	68317	1708558	28.28%	0.507%
470	21.125	21.109	21.134	HH	67876	1007103	16.67%	0.299%
471	21.140	21.134	21.152	HH	67573	740588	12.26%	0.220%
472	21.181	21.152	21.239	HH	71332	3567254	59.05%	1.059%
473	21.245	21.239	21.269	HH	65409	1152184	19.07%	0.342%
474	21.272	21.269	21.301	HH	64025	1207564	19.99%	0.359%
475	21.306	21.301	21.346	HH	63389	1691900	28.01%	0.502%
476	21.369	21.346	21.382	HH	62824	1371438	22.70%	0.407%
477	21.402	21.382	21.451	HH	62543	2555034	42.30%	0.759%
478	21.460	21.451	21.471	HH	60400	709309	11.74%	0.211%
479	21.494	21.471	21.500	HH	61499	1035465	17.14%	0.307%
480	21.507	21.500	21.548	HH	61468	1756261	29.07%	0.521%
481	21.576	21.548	21.596	HH	61525	1760120	29.14%	0.523%
482	21.650	21.596	21.722	HH	130540	6040571	100.00%	1.794%
483	21.726	21.722	21.746	HH	56357	809951	13.41%	0.241%
484	21.787	21.746	21.842	HH	57542	3254222	53.87%	0.966%
485	21.853	21.842	21.883	HH	54668	1334477	22.09%	0.396%
486	21.920	21.883	22.001	HHA	55264	3866081	64.00%	1.148%
					Sum of corrected areas:		336772647	

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