

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE040618\
Data File : FE026556.D
Signal(s) : FID1B.CH
Acq On : 06 Apr 2018 16:06
Sample : J2212-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.e

Method : P:\HPCHEM1\FID_E\methods\C44-FE032318.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.785	2.755	2.798	BH	2	-2863	-0.06%	-0.001%
2	2.816	2.798	2.831	PH	67	-1363	-0.03%	-0.000%
3	2.860	2.831	2.882	PH	92	-1143	-0.02%	-0.000%
4	2.887	2.882	2.898	PH	29	-305	-0.01%	-0.000%
5	2.905	2.898	2.914	PH	52	-733	-0.02%	-0.000%
6	2.925	2.914	2.932	PH	-20	-706	-0.01%	-0.000%
7	2.983	2.932	3.002	PH	180	1886	0.04%	0.001%
8	3.015	3.002	3.052	HH	608	9016	0.19%	0.002%
9	3.094	3.052	3.115	PH	643	11733	0.24%	0.003%
10	3.127	3.115	3.158	HH	554	7629	0.16%	0.002%
11	3.171	3.158	3.181	HH	233	2435	0.05%	0.001%
12	3.206	3.181	3.226	HH	347	6450	0.13%	0.002%
13	3.242	3.226	3.255	HH	167	1964	0.04%	0.001%
14	3.314	3.255	3.328	HH	620	13587	0.28%	0.004%
15	3.345	3.328	3.365	HH	456	7383	0.15%	0.002%
16	3.404	3.365	3.428	HH	662	14881	0.31%	0.004%
17	3.455	3.428	3.472	HH	443	8692	0.18%	0.002%
18	3.519	3.472	3.552	HH	1385	33474	0.69%	0.009%
19	3.591	3.552	3.628	HH	1329	33910	0.70%	0.009%
20	3.638	3.628	3.648	HH	747	7654	0.16%	0.002%
21	3.666	3.648	3.699	HH	899	20130	0.42%	0.005%
22	3.726	3.699	3.742	HH	675	14512	0.30%	0.004%
23	3.762	3.742	3.845	HH	5017	83836	1.74%	0.023%
24	3.855	3.845	3.868	HH	841	9982	0.21%	0.003%
25	3.882	3.868	3.897	HH	1138	15789	0.33%	0.004%
26	3.913	3.897	3.962	HH	859	29865	0.62%	0.008%
27	3.983	3.962	4.032	HH	829	34147	0.71%	0.009%
28	4.054	4.032	4.067	HH	1022	19577	0.41%	0.005%
29	4.075	4.067	4.082	HH	988	7942	0.16%	0.002%
30	4.093	4.082	4.160	HH	1021	40608	0.84%	0.011%
31	4.181	4.160	4.198	HH	2004	31586	0.65%	0.009%
32	4.205	4.198	4.255	HH	1419	39702	0.82%	0.011%
33	4.266	4.255	4.303	HH	1273	33075	0.69%	0.009%
34	4.310	4.303	4.331	HH	1133	17108	0.35%	0.005%
35	4.351	4.331	4.360	HH	1106	18653	0.39%	0.005%
36	4.382	4.360	4.408	HH	1343	34482	0.71%	0.009%

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37	4.414	4.408	4.439	HH	1268	21957	0.45%	0.006%
38	4.459	4.439	4.474	HH	1314	26045	0.54%	0.007%
39	4.486	4.474	4.492	HH	1341	13544	0.28%	0.004%
40	4.535	4.492	4.580	HH	26993	316465	6.56%	0.085%
41	4.592	4.580	4.632	HH	2007	51700	1.07%	0.014%
42	4.660	4.632	4.706	HH	1895	70834	1.47%	0.019%
43	4.738	4.706	4.755	HH	2932	64404	1.33%	0.017%
44	4.766	4.755	4.802	HH	2594	60946	1.26%	0.016%
45	4.811	4.802	4.861	HH	1914	61866	1.28%	0.017%
46	4.875	4.861	4.900	HH	1777	40837	0.85%	0.011%
47	4.972	4.900	5.002	HH	3415	125452	2.60%	0.034%
48	5.019	5.002	5.043	HH	2223	51945	1.08%	0.014%
49	5.053	5.043	5.103	HH	2233	74570	1.55%	0.020%
50	5.128	5.103	5.159	HH	2261	69052	1.43%	0.019%
51	5.181	5.159	5.203	HH	4249	74049	1.53%	0.020%
52	5.217	5.203	5.259	HH	3020	81925	1.70%	0.022%
53	5.275	5.259	5.295	HH	2237	47197	0.98%	0.013%
54	5.324	5.295	5.399	HH	2580	139051	2.88%	0.037%
55	5.410	5.399	5.432	HH	2278	43007	0.89%	0.012%
56	5.456	5.432	5.485	HH	2273	71005	1.47%	0.019%
57	5.512	5.485	5.541	HH	4509	101168	2.10%	0.027%
58	5.552	5.541	5.565	HH	2589	34788	0.72%	0.009%
59	5.579	5.565	5.612	HH	5844	97550	2.02%	0.026%
60	5.625	5.612	5.642	HH	2570	43572	0.90%	0.012%
61	5.661	5.642	5.705	HH	3362	100950	2.09%	0.027%
62	5.723	5.705	5.752	HH	2687	69945	1.45%	0.019%
63	5.755	5.752	5.791	HH	2533	57961	1.20%	0.016%
64	5.845	5.791	5.876	HH	3466	139942	2.90%	0.038%
65	5.924	5.876	5.942	HH	2680	101695	2.11%	0.027%
66	5.960	5.942	5.977	HH	2653	53585	1.11%	0.014%
67	6.000	5.977	6.009	HH	2977	53502	1.11%	0.014%
68	6.022	6.009	6.068	HH	3105	98919	2.05%	0.027%
69	6.094	6.068	6.111	HH	2967	72020	1.49%	0.019%
70	6.122	6.111	6.135	HH	2788	39964	0.83%	0.011%
71	6.149	6.135	6.192	HH	2880	92558	1.92%	0.025%
72	6.226	6.192	6.259	HH	3169	118779	2.46%	0.032%
73	6.284	6.259	6.301	HH	3011	74460	1.54%	0.020%
74	6.317	6.301	6.332	HH	3467	58258	1.21%	0.016%
75	6.361	6.332	6.411	HH	3558	155897	3.23%	0.042%
76	6.451	6.411	6.487	HH	4187	159176	3.30%	0.043%
77	6.502	6.487	6.524	HH	3232	70126	1.45%	0.019%
78	6.555	6.524	6.571	HH	3524	95560	1.98%	0.026%
79	6.617	6.571	6.651	HH	5276	183387	3.80%	0.049%
80	6.713	6.651	6.728	HH	7413	200448	4.15%	0.054%
81	6.740	6.728	6.795	HH	5164	155573	3.22%	0.042%
82	6.802	6.795	6.810	HH	3520	31789	0.66%	0.009%
83	6.826	6.810	6.841	HH	3754	67469	1.40%	0.018%
84	6.863	6.841	6.891	HH	4226	114592	2.37%	0.031%
85	6.905	6.891	6.922	HH	4039	69308	1.44%	0.019%
86	6.927	6.922	6.943	HH	3711	46746	0.97%	0.013%
87	6.955	6.943	6.972	HH	3683	61244	1.27%	0.017%
88	6.989	6.972	7.002	HH	3721	65948	1.37%	0.018%
89	7.014	7.002	7.044	HH	4295	98659	2.04%	0.027%

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90	7.055	7.044	7.072	HH	3915	62271	1.29%	0.017%
91	7.130	7.072	7.148	HH	3923	172561	3.58%	0.047%
92	7.164	7.148	7.212	HH	3999	144721	3.00%	0.039%
93	7.239	7.212	7.297	HH	4132	197930	4.10%	0.053%
94	7.315	7.297	7.335	HH	4264	91696	1.90%	0.025%
95	7.367	7.335	7.398	HH	4259	153368	3.18%	0.041%
96	7.417	7.398	7.437	HH	4203	95415	1.98%	0.026%
97	7.452	7.437	7.482	HH	4139	106899	2.21%	0.029%
98	7.515	7.482	7.548	HH	4294	165595	3.43%	0.045%
99	7.598	7.548	7.610	HH	4394	158633	3.29%	0.043%
100	7.624	7.610	7.638	HH	4497	73763	1.53%	0.020%
101	7.677	7.638	7.705	HH	12920	270312	5.60%	0.073%
102	7.718	7.705	7.733	HH	4764	78872	1.63%	0.021%
103	7.749	7.733	7.766	HH	5103	92403	1.91%	0.025%
104	7.780	7.766	7.802	HH	4531	93565	1.94%	0.025%
105	7.821	7.802	7.842	HH	6432	123265	2.55%	0.033%
106	7.848	7.842	7.884	HH	4624	113989	2.36%	0.031%
107	7.947	7.884	7.978	HH	5231	261030	5.41%	0.070%
108	8.005	7.978	8.025	HH	4809	131615	2.73%	0.035%
109	8.034	8.025	8.051	HH	4622	72063	1.49%	0.019%
110	8.086	8.051	8.125	HH	4994	208807	4.33%	0.056%
111	8.136	8.125	8.152	HH	4698	77029	1.60%	0.021%
112	8.302	8.152	8.315	HH	5277	480088	9.95%	0.129%
113	8.354	8.315	8.372	HH	7363	215707	4.47%	0.058%
114	8.391	8.372	8.417	HH	11223	207419	4.30%	0.056%
115	8.428	8.417	8.465	HH	5988	162151	3.36%	0.044%
116	8.472	8.465	8.498	HH	5418	106916	2.22%	0.029%
117	8.517	8.498	8.535	HH	5675	118930	2.46%	0.032%
118	8.574	8.535	8.628	HH	6218	320014	6.63%	0.086%
119	8.647	8.628	8.658	HH	6335	106564	2.21%	0.029%
120	8.682	8.658	8.708	HH	6568	185528	3.84%	0.050%
121	8.726	8.708	8.767	HH	6128	207314	4.30%	0.056%
122	8.791	8.767	8.806	HH	9490	171838	3.56%	0.046%
123	8.824	8.806	8.882	HH	13991	368388	7.63%	0.099%
124	8.903	8.882	8.930	HH	73978	773231	16.02%	0.209%
125	8.948	8.930	8.959	HH	7318	123496	2.56%	0.033%
126	8.985	8.959	9.013	HH	14937	307384	6.37%	0.083%
127	9.024	9.013	9.048	HH	7000	145903	3.02%	0.039%
128	9.070	9.048	9.100	HH	7420	208782	4.33%	0.056%
129	9.122	9.100	9.142	HH	6674	165593	3.43%	0.045%
130	9.154	9.142	9.168	HH	6505	101001	2.09%	0.027%
131	9.249	9.168	9.258	HH	7699	372705	7.72%	0.101%
132	9.280	9.258	9.300	HH	10214	214025	4.43%	0.058%
133	9.320	9.300	9.345	HH	8557	214531	4.45%	0.058%
134	9.366	9.345	9.390	HH	13823	262095	5.43%	0.071%
135	9.420	9.390	9.438	HH	9466	228924	4.74%	0.062%
136	9.461	9.438	9.474	HH	7845	158888	3.29%	0.043%
137	9.515	9.474	9.537	HH	8765	298012	6.17%	0.080%
138	9.554	9.537	9.575	HH	8443	183438	3.80%	0.049%
139	9.619	9.575	9.631	HH	10023	287847	5.96%	0.078%
140	9.653	9.631	9.695	HH	38550	601648	12.47%	0.162%
141	9.732	9.695	9.759	HH	9774	341244	7.07%	0.092%

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142	9.782	9.759	9.807	HH	9301	245785	5.09%	0.066%
143	9.838	9.807	9.862	HH	10810	310792	6.44%	0.084%
144	9.877	9.862	9.905	HH	9409	224014	4.64%	0.060%
145	9.937	9.905	9.971	HH	10317	361973	7.50%	0.098%
146	9.984	9.971	10.002	HH	9345	164019	3.40%	0.044%
147	10.035	10.002	10.060	HH	13243	384399	7.96%	0.104%
148	10.075	10.060	10.105	HH	14247	317020	6.57%	0.085%
149	10.119	10.105	10.138	HH	12508	224653	4.65%	0.061%
150	10.163	10.138	10.184	HH	14324	315409	6.54%	0.085%
151	10.196	10.184	10.204	HH	11197	127255	2.64%	0.034%
152	10.219	10.204	10.249	HH	14472	308681	6.40%	0.083%
153	10.289	10.249	10.321	HH	12389	433196	8.98%	0.117%
154	10.342	10.321	10.365	HH	10515	261478	5.42%	0.071%
155	10.392	10.365	10.415	HH	11802	327013	6.78%	0.088%
156	10.438	10.415	10.463	HH	51340	680344	14.10%	0.183%
157	10.517	10.463	10.532	HH	12248	461005	9.55%	0.124%
158	10.541	10.532	10.556	HH	11483	167104	3.46%	0.045%
159	10.564	10.556	10.603	HH	11100	296676	6.15%	0.080%
160	10.620	10.603	10.634	HH	10670	193820	4.02%	0.052%
161	10.650	10.634	10.685	HH	11010	321200	6.66%	0.087%
162	10.723	10.685	10.750	HH	10794	409528	8.49%	0.110%
163	10.788	10.750	10.801	HH	14082	364523	7.55%	0.098%
164	10.835	10.801	10.862	HH	21163	549422	11.38%	0.148%
165	10.880	10.862	10.896	HH	13731	259480	5.38%	0.070%
166	10.921	10.896	10.945	HH	16355	382964	7.93%	0.103%
167	10.975	10.945	10.991	HH	15118	367702	7.62%	0.099%
168	11.003	10.991	11.039	HH	13423	345899	7.17%	0.093%
169	11.082	11.039	11.098	HH	14762	448701	9.30%	0.121%
170	11.109	11.098	11.122	HH	13394	185408	3.84%	0.050%
171	11.138	11.122	11.158	HH	15344	296739	6.15%	0.080%
172	11.183	11.158	11.228	HH	44353	840428	17.41%	0.227%
173	11.257	11.228	11.279	HH	20231	479205	9.93%	0.129%
174	11.298	11.279	11.338	HH	14650	481791	9.98%	0.130%
175	11.356	11.338	11.374	HH	13025	267554	5.54%	0.072%
176	11.385	11.374	11.393	HH	12254	141823	2.94%	0.038%
177	11.404	11.393	11.429	HH	12470	260040	5.39%	0.070%
178	11.446	11.429	11.471	HH	12356	301359	6.24%	0.081%
179	11.496	11.471	11.543	HH	45076	872148	18.07%	0.235%
180	11.572	11.543	11.625	HH	22677	758436	15.71%	0.205%
181	11.642	11.625	11.678	HH	14116	406329	8.42%	0.110%
182	11.695	11.678	11.722	HH	13881	328338	6.80%	0.089%
183	11.773	11.722	11.816	HH	14789	732062	15.17%	0.197%
184	11.832	11.816	11.841	HH	12840	186123	3.86%	0.050%
185	11.891	11.841	11.913	HH	27555	697557	14.45%	0.188%
186	11.932	11.913	11.950	HH	12975	287794	5.96%	0.078%
187	11.986	11.950	12.008	HH	16815	501860	10.40%	0.135%
188	12.024	12.008	12.072	HH	15084	499203	10.34%	0.135%
189	12.090	12.072	12.112	HH	14174	316095	6.55%	0.085%
190	12.152	12.112	12.171	HH	14072	471112	9.76%	0.127%
191	12.190	12.171	12.237	HH	13982	521998	10.82%	0.141%
192	12.252	12.237	12.265	HH	13207	215255	4.46%	0.058%
193	12.303	12.265	12.319	HH	23228	527321	10.93%	0.142%
194	12.334	12.319	12.365	HH	23980	461752	9.57%	0.125%

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195	12.402	12.365	12.413	HH	16756	409437	8.48%	0.110%
196	12.427	12.413	12.439	HH	18764	263068	5.45%	0.071%
197	12.455	12.439	12.470	HH	20878	331604	6.87%	0.089%
198	12.486	12.470	12.530	HH	22163	585087	12.12%	0.158%
199	12.565	12.530	12.600	HH	17940	624552	12.94%	0.168%
200	12.617	12.600	12.640	HH	14661	331568	6.87%	0.089%
201	12.662	12.640	12.688	HH	17136	426622	8.84%	0.115%
202	12.705	12.688	12.752	HH	14593	514207	10.65%	0.139%
203	12.772	12.752	12.792	HH	16173	351701	7.29%	0.095%
204	12.810	12.792	12.827	HH	14484	296032	6.13%	0.080%
205	12.841	12.827	12.868	HH	14441	344894	7.15%	0.093%
206	12.875	12.868	12.885	HH	13595	132840	2.75%	0.036%
207	12.935	12.885	12.970	HH	15474	732141	15.17%	0.197%
208	13.049	12.970	13.070	HH	15403	878246	18.20%	0.237%
209	13.098	13.070	13.142	HH	18379	660253	13.68%	0.178%
210	13.167	13.142	13.188	HH	16496	426282	8.83%	0.115%
211	13.211	13.188	13.230	HH	26196	483795	10.02%	0.130%
212	13.246	13.230	13.263	HH	18180	340934	7.06%	0.092%
213	13.276	13.263	13.293	HH	17419	287667	5.96%	0.078%
214	13.337	13.293	13.378	HH	59266	1220252	25.28%	0.329%
215	13.427	13.378	13.447	HH	20647	646295	13.39%	0.174%
216	13.477	13.447	13.507	HH	19619	590560	12.24%	0.159%
217	13.531	13.507	13.565	HH	18372	572725	11.87%	0.154%
218	13.584	13.565	13.606	HH	17611	387865	8.04%	0.105%
219	13.644	13.606	13.677	HH	59686	1100806	22.81%	0.297%
220	13.694	13.677	13.708	HH	18725	310008	6.42%	0.084%
221	13.738	13.708	13.757	HH	25223	577733	11.97%	0.156%
222	13.769	13.757	13.787	HH	17288	302683	6.27%	0.082%
223	13.807	13.787	13.818	HH	17286	313282	6.49%	0.084%
224	13.837	13.818	13.885	HH	17692	657992	13.63%	0.177%
225	13.905	13.885	13.941	HH	18309	562953	11.66%	0.152%
226	13.962	13.941	14.004	HH	18999	632256	13.10%	0.171%
227	14.028	14.004	14.046	HH	20040	441014	9.14%	0.119%
228	14.058	14.046	14.077	HH	17976	326501	6.76%	0.088%
229	14.101	14.077	14.145	HH	19904	757891	15.70%	0.204%
230	14.152	14.145	14.173	HH	19009	294166	6.10%	0.079%
231	14.230	14.173	14.269	HH	25961	1088752	22.56%	0.294%
232	14.285	14.269	14.316	HH	17091	465777	9.65%	0.126%
233	14.344	14.316	14.362	HH	28313	599001	12.41%	0.162%
234	14.383	14.362	14.402	HH	26696	512230	10.61%	0.138%
235	14.416	14.402	14.440	HH	20381	438214	9.08%	0.118%
236	14.476	14.440	14.498	HH	40544	849125	17.59%	0.229%
237	14.516	14.498	14.536	HH	25276	463190	9.60%	0.125%
238	14.556	14.536	14.581	HH	22124	506799	10.50%	0.137%
239	14.595	14.581	14.608	HH	17236	282245	5.85%	0.076%
240	14.626	14.608	14.683	HH	18009	769324	15.94%	0.207%
241	14.717	14.683	14.744	HH	20777	665388	13.79%	0.179%
242	14.790	14.744	14.828	HH	44194	1207970	25.03%	0.326%
243	14.842	14.828	14.862	HH	18047	354870	7.35%	0.096%
244	14.874	14.862	14.886	HH	17355	256907	5.32%	0.069%
245	14.927	14.886	14.940	HH	27459	678315	14.05%	0.183%
246	14.948	14.940	14.962	HH	24553	305816	6.34%	0.082%

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247	14.974	14.962	14.994	HH	23093	416623	8.63%	0.112%
248	15.008	14.994	15.020	HH	21332	329843	6.83%	0.089%
249	15.032	15.020	15.040	HH	21166	239511	4.96%	0.065%
250	15.053	15.040	15.062	HH	23027	293228	6.08%	0.079%
251	15.082	15.062	15.114	HH	40287	863475	17.89%	0.233%
252	15.134	15.114	15.144	HH	20291	362937	7.52%	0.098%
253	15.160	15.144	15.172	HH	21812	348175	7.21%	0.094%
254	15.182	15.172	15.198	HH	21119	306585	6.35%	0.083%
255	15.221	15.198	15.261	HH	25874	836838	17.34%	0.226%
256	15.277	15.261	15.293	HH	21923	404613	8.38%	0.109%
257	15.325	15.293	15.356	HH	238837	3293699	68.24%	0.888%
258	15.388	15.356	15.458	HH	26158	1242248	25.74%	0.335%
259	15.534	15.458	15.556	HH	41662	1446187	29.96%	0.390%
260	15.577	15.556	15.602	HH	59937	962748	19.95%	0.260%
261	15.624	15.602	15.651	HH	26008	630045	13.05%	0.170%
262	15.679	15.651	15.690	HH	24298	506137	10.49%	0.136%
263	15.705	15.690	15.731	HH	23814	562174	11.65%	0.152%
264	15.766	15.731	15.792	HH	21404	755547	15.65%	0.204%
265	15.837	15.792	15.868	HH	24150	973720	20.18%	0.263%
266	15.911	15.868	15.930	HH	45843	1036059	21.47%	0.279%
267	15.979	15.930	16.039	HH	42228	2459852	50.97%	0.663%
268	16.048	16.039	16.072	HH	37862	697665	14.46%	0.188%
269	16.082	16.072	16.147	HH	34860	1382441	28.64%	0.373%
270	16.172	16.147	16.190	HH	43397	864993	17.92%	0.233%
271	16.209	16.190	16.232	HH	41713	806113	16.70%	0.217%
272	16.248	16.232	16.287	HH	28996	826556	17.13%	0.223%
273	16.303	16.287	16.312	HH	23658	340756	7.06%	0.092%
274	16.331	16.312	16.341	HH	23790	413551	8.57%	0.112%
275	16.364	16.341	16.405	HH	30654	984968	20.41%	0.266%
276	16.428	16.405	16.475	HH	27442	992886	20.57%	0.268%
277	16.502	16.475	16.517	HH	23606	572452	11.86%	0.154%
278	16.529	16.517	16.541	HH	23310	344375	7.14%	0.093%
279	16.558	16.541	16.592	HH	24865	712447	14.76%	0.192%
280	16.625	16.592	16.665	HH	24916	1039407	21.54%	0.280%
281	16.683	16.665	16.708	HH	23713	600450	12.44%	0.162%
282	16.724	16.708	16.786	HH	24831	1083043	22.44%	0.292%
283	16.815	16.786	16.837	HH	24254	723224	14.98%	0.195%
284	16.850	16.837	16.867	HH	24460	434473	9.00%	0.117%
285	16.892	16.867	16.901	HH	24910	482459	10.00%	0.130%
286	16.914	16.901	16.933	HH	25209	470020	9.74%	0.127%
287	16.967	16.933	16.990	HH	29287	885123	18.34%	0.239%
288	17.037	16.990	17.061	HH	30466	1190601	24.67%	0.321%
289	17.111	17.061	17.129	HH	49441	1406623	29.14%	0.379%
290	17.138	17.129	17.156	HH	37326	544212	11.28%	0.147%
291	17.165	17.156	17.217	HH	29427	1003509	20.79%	0.271%
292	17.243	17.217	17.264	HH	30521	792114	16.41%	0.214%
293	17.276	17.264	17.315	HH	26415	786201	16.29%	0.212%
294	17.335	17.315	17.348	HH	25951	505907	10.48%	0.136%
295	17.405	17.348	17.417	HH	28871	1119391	23.19%	0.302%
296	17.439	17.417	17.462	HH	41794	884786	18.33%	0.239%
297	17.498	17.462	17.545	HH	48245	1627126	33.71%	0.439%
298	17.571	17.545	17.619	HH	52695	1611154	33.38%	0.434%
299	17.637	17.619	17.673	HH	28313	895052	18.55%	0.241%

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300	17.734	17.673	17.778	HH	29765	1801211	37.32%	0.486%
301	17.799	17.778	17.817	HH	29168	661530	13.71%	0.178%
302	17.855	17.817	17.885	HH	31194	1229553	25.48%	0.332%
303	17.903	17.885	17.930	HH	30676	807552	16.73%	0.218%
304	17.961	17.930	17.982	HH	40677	1042599	21.60%	0.281%
305	17.998	17.982	18.012	HH	33932	595661	12.34%	0.161%
306	18.022	18.012	18.038	HH	34431	528800	10.96%	0.143%
307	18.052	18.038	18.067	HH	33432	572207	11.86%	0.154%
308	18.084	18.067	18.102	HH	34070	694271	14.39%	0.187%
309	18.110	18.102	18.131	HH	32416	556937	11.54%	0.150%
310	18.164	18.131	18.188	HH	33703	1109929	23.00%	0.299%
311	18.201	18.188	18.225	HH	32627	708458	14.68%	0.191%
312	18.230	18.225	18.241	HH	31754	298826	6.19%	0.081%
313	18.255	18.241	18.271	HH	32000	582025	12.06%	0.157%
314	18.291	18.271	18.317	HH	32419	872620	18.08%	0.235%
315	18.364	18.317	18.375	HH	34246	1128568	23.38%	0.304%
316	18.402	18.375	18.433	HH	40092	1253613	25.97%	0.338%
317	18.498	18.433	18.525	HH	44914	1993767	41.31%	0.538%
318	18.537	18.525	18.570	HH	35255	951370	19.71%	0.257%
319	18.613	18.570	18.625	HH	37426	1173148	24.31%	0.316%
320	18.633	18.625	18.649	HH	36976	535983	11.11%	0.145%
321	18.666	18.649	18.678	HH	37683	659128	13.66%	0.178%
322	18.696	18.678	18.715	HH	40276	834010	17.28%	0.225%
323	18.725	18.715	18.749	HH	36969	740755	15.35%	0.200%
324	18.788	18.749	18.805	HH	49302	1393253	28.87%	0.376%
325	18.832	18.805	18.857	HH	56394	1585748	32.86%	0.428%
326	18.878	18.857	18.901	HH	58551	1355193	28.08%	0.365%
327	18.925	18.901	18.945	HH	48129	1246649	25.83%	0.336%
328	18.958	18.945	18.986	HH	47683	1134394	23.50%	0.306%
329	19.008	18.986	19.024	HH	45669	988415	20.48%	0.267%
330	19.040	19.024	19.103	HH	46174	2027755	42.01%	0.547%
331	19.139	19.103	19.156	HH	52945	1443602	29.91%	0.389%
332	19.174	19.156	19.197	HH	49969	1116402	23.13%	0.301%
333	19.235	19.197	19.259	HH	65934	1877554	38.90%	0.506%
334	19.271	19.259	19.290	HH	45736	825286	17.10%	0.223%
335	19.344	19.290	19.369	HH	54901	2240209	46.42%	0.604%
336	19.390	19.369	19.428	HH	47970	1625534	33.68%	0.438%
337	19.457	19.428	19.497	HH	47561	1905766	39.49%	0.514%
338	19.519	19.497	19.546	HH	46738	1353064	28.03%	0.365%
339	19.567	19.546	19.585	HH	46417	1072511	22.22%	0.289%
340	19.640	19.585	19.650	HH	52762	1894979	39.26%	0.511%
341	19.661	19.650	19.675	HH	53111	782165	16.21%	0.211%
342	19.748	19.675	19.779	HH	58337	3414073	70.74%	0.921%
343	19.788	19.779	19.808	HH	54979	936246	19.40%	0.252%
344	19.854	19.808	19.887	HH	57605	2610020	54.08%	0.704%
345	19.912	19.887	19.943	HH	54631	1714546	35.52%	0.462%
346	20.004	19.943	20.016	HH	55076	2231041	46.23%	0.602%
347	20.027	20.016	20.052	HH	55034	1132239	23.46%	0.305%
348	20.067	20.052	20.096	HH	50995	1335734	27.68%	0.360%
349	20.156	20.096	20.185	HH	67523	3006662	62.30%	0.811%
350	20.228	20.185	20.245	HH	52787	1876222	38.87%	0.506%
351	20.295	20.245	20.328	HH	58256	2760046	57.19%	0.744%

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352	20.371	20.328	20.389	HH	57187	2041728	42.30%	0.551%
353	20.404	20.389	20.420	HH	57419	1059377	21.95%	0.286%
354	20.436	20.420	20.450	HH	57807	1023420	21.20%	0.276%
355	20.477	20.450	20.502	HH	67581	1911759	39.61%	0.516%
356	20.511	20.502	20.558	HH	57942	1903615	39.44%	0.513%
357	20.599	20.558	20.631	HH	55592	2410651	49.95%	0.650%
358	20.652	20.631	20.664	HH	54688	1048776	21.73%	0.283%
359	20.716	20.664	20.748	HH	60014	2888084	59.84%	0.779%
360	20.760	20.748	20.774	HH	55133	847939	17.57%	0.229%
361	20.796	20.774	20.812	HH	56648	1272894	26.37%	0.343%
362	20.822	20.812	20.884	HH	55387	2335466	48.39%	0.630%
363	20.935	20.884	20.965	HH	55738	2666272	55.24%	0.719%
364	21.034	20.965	21.066	HH	58363	3290788	68.18%	0.887%
365	21.088	21.066	21.118	HH	53314	1647276	34.13%	0.444%
366	21.133	21.118	21.141	HH	52906	732102	15.17%	0.197%
367	21.186	21.141	21.202	HH	53731	1956522	40.54%	0.528%
368	21.225	21.202	21.243	HH	54799	1322612	27.40%	0.357%
369	21.260	21.243	21.337	HH	54702	3005355	62.27%	0.810%
370	21.368	21.337	21.401	HH	53526	1995932	41.35%	0.538%
371	21.413	21.401	21.447	HH	52640	1442387	29.89%	0.389%
372	21.469	21.447	21.505	HH	52208	1801870	37.33%	0.486%
373	21.556	21.505	21.603	HH	52182	3039387	62.97%	0.820%
374	21.612	21.603	21.632	HH	51592	891622	18.47%	0.240%
375	21.646	21.632	21.677	HH	51547	1381732	28.63%	0.373%
376	21.712	21.677	21.735	HH	53228	1845791	38.24%	0.498%
377	21.745	21.735	21.805	HH	52408	2170057	44.96%	0.585%
378	21.817	21.805	21.858	HH	51812	1647646	34.14%	0.444%
379	21.878	21.858	21.901	HH	51304	1325941	27.47%	0.358%
380	21.918	21.901	21.928	HH	51426	832213	17.24%	0.224%
381	21.936	21.928	21.959	HH	51374	949403	19.67%	0.256%
382	21.979	21.959	21.989	HH	51326	909299	18.84%	0.245%
383	21.996	21.989	22.035	HH	51352	1409952	29.21%	0.380%
384	22.060	22.035	22.075	HH	50888	1217591	25.23%	0.328%
385	22.108	22.075	22.150	HH	51467	2290207	47.45%	0.618%
386	22.172	22.150	22.232	HH	50642	2470992	51.20%	0.666%
387	22.263	22.232	22.289	HH	51650	1760963	36.49%	0.475%
388	22.317	22.289	22.348	HH	50892	1790763	37.10%	0.483%
389	22.392	22.348	22.404	HH	51577	1718255	35.60%	0.463%
390	22.423	22.404	22.441	HH	51604	1131565	23.45%	0.305%
391	22.454	22.441	22.551	HH	52055	3376266	69.95%	0.910%
392	22.577	22.551	22.611	HH	50354	1795850	37.21%	0.484%
393	22.629	22.611	22.658	HH	49024	1377897	28.55%	0.372%
394	22.692	22.658	22.705	HH	49451	1364406	28.27%	0.368%
395	22.716	22.705	22.748	HH	49400	1286797	26.66%	0.347%
396	22.795	22.748	22.855	HH	49517	3139598	65.05%	0.847%
397	22.906	22.855	22.947	HH	51545	2804075	58.10%	0.756%
398	22.961	22.947	23.007	HH	50765	1804605	37.39%	0.487%
399	23.026	23.007	23.143	HH	50300	4022672	83.35%	1.085%
400	23.150	23.143	23.185	HH	48574	1222690	25.33%	0.330%
401	23.196	23.185	23.208	HH	47998	668138	13.84%	0.180%
402	23.216	23.208	23.225	HH	48014	479907	9.94%	0.129%
403	23.257	23.225	23.286	HH	48563	1773887	36.75%	0.478%
404	23.295	23.286	23.305	HH	48336	543705	11.27%	0.147%

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405	23.314	23.305	23.344	HH	48237	1143150	23.69%	0.308%
406	23.358	23.344	23.378	HH	48315	979090	20.29%	0.264%
407	23.394	23.378	23.428	HH	48293	1433812	29.71%	0.387%
408	23.441	23.428	23.479	HH	48219	1465946	30.37%	0.395%
409	23.521	23.479	23.529	HH	48231	1454540	30.14%	0.392%
410	23.639	23.529	23.671	HH	50093	4193551	86.89%	1.131%
411	23.696	23.671	23.836	HH	50032	4826342	100.00%	1.302%
412	23.914	23.836	23.988	HH	48804	4354614	90.23%	1.174%
413	24.043	23.988	24.083	HH	48203	2736380	56.70%	0.738%
414	24.089	24.083	24.096	HH	48003	394307	8.17%	0.106%
415	24.125	24.096	24.157	HH	48062	1730328	35.85%	0.467%
416	24.173	24.157	24.268	HH	48094	3193210	66.16%	0.861%
417	24.327	24.268	24.335	HH	47555	1877574	38.90%	0.506%
418	24.352	24.335	24.361	HH	47594	769124	15.94%	0.207%
419	24.390	24.361	24.421	HH	47767	1707194	35.37%	0.460%
420	24.473	24.421	24.537	HH	48462	3317610	68.74%	0.895%
421	24.547	24.537	24.603	HH	47186	1859706	38.53%	0.502%
422	24.675	24.603	24.687	HH	46717	2327423	48.22%	0.628%
423	24.720	24.687	24.820	HH	46984	3730819	77.30%	1.006%
424	24.851	24.820	24.872	HH	46541	1457658	30.20%	0.393%
425	24.892	24.872	24.930	HH	46667	1625398	33.68%	0.438%
426	25.018	24.930	25.028	HH	47465	2754610	57.07%	0.743%
427	25.048	25.028	25.065	HH	47536	1047280	21.70%	0.282%
428	25.084	25.065	25.095	HH	47444	845987	17.53%	0.228%
429	25.121	25.095	25.145	HH	47786	1435765	29.75%	0.387%
430	25.158	25.145	25.243	HH	47651	2774007	57.48%	0.748%
431	25.268	25.243	25.284	HH	46945	1155598	23.94%	0.312%
432	25.352	25.284	25.405	HH	47195	3402631	70.50%	0.918%
433	25.415	25.405	25.528	HH	46885	3411775	70.69%	0.920%
434	25.633	25.528	25.648	HH	46201	3305333	68.49%	0.891%
435	25.655	25.648	25.715	HH	46341	1848833	38.31%	0.499%
436	25.749	25.715	25.809	HH	46512	2604237	53.96%	0.702%
437	25.818	25.809	25.842	HH	46154	934383	19.36%	0.252%
438	25.936	25.842	25.952	HH	46928	3045319	63.10%	0.821%
439	25.961	25.952	25.968	HH	46802	450734	9.34%	0.122%
440	26.000	25.968	26.068	HH	47185	2833917	58.72%	0.764%
441	26.104	26.068	26.118	HH	46916	1404341	29.10%	0.379%
442	26.125	26.118	26.225	HH	46887	2957741	61.28%	0.798%
443	26.240	26.225	26.268	HH	45649	1183779	24.53%	0.319%
444	26.291	26.268	26.368	HH	45409	2716173	56.28%	0.732%
445	26.384	26.368	26.413	HH	45160	1215575	25.19%	0.328%
446	26.466	26.413	26.474	HH	45013	1636054	33.90%	0.441%
447	26.484	26.474	26.507	HH	45049	903841	18.73%	0.244%
448	26.594	26.507	26.612	HH	46042	2842127	58.89%	0.766%
449	26.641	26.612	26.665	HH	46094	1462661	30.31%	0.394%
450	26.673	26.665	26.684	HH	46044	518786	10.75%	0.140%
451	26.697	26.684	26.785	HH	46055	2768845	57.37%	0.747%
452	26.796	26.785	26.803	HH	45094	471845	9.78%	0.127%
453	26.809	26.803	26.814	HH	45061	318035	6.59%	0.086%
454	26.823	26.814	26.838	HH	45116	644485	13.35%	0.174%
455	26.873	26.838	26.885	HH	45331	1257123	26.05%	0.339%

Sum of corrected areas: 370823433

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