

rteres

Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE030318\
Data File : FE026400.D
Signal(s) : FID1B.CH
Acq On : 03 Mar 2018 15:47
Sample : J1786-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.e

Method : P:\HPCHEM1\FID_E\methods\C44-FE022618.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.421	2.402	2.510	PH	209680	1441679	14.24%	0.204%
2	2.514	2.510	2.533	PH	196	150	0.00%	0.000%
3	2.551	2.533	2.565	PH	-25	-2024	-0.02%	-0.000%
4	2.571	2.565	2.576	PH	-81	-1010	-0.01%	-0.000%
5	2.582	2.576	2.587	PH	149	-654	-0.01%	-0.000%
6	2.601	2.587	2.610	PH	44	-1497	-0.01%	-0.000%
7	2.614	2.610	2.622	PH	-39	-1086	-0.01%	-0.000%
8	2.637	2.622	2.642	PH	171	-208	-0.00%	-0.000%
9	2.658	2.642	2.670	HH	1050	10033	0.10%	0.001%
10	2.678	2.670	2.695	HH	665	5194	0.05%	0.001%
11	2.702	2.695	2.706	HH	146	532	0.01%	0.000%
12	2.710	2.706	2.720	PH	206	310	0.00%	0.000%
13	2.723	2.720	2.729	PH	60	-238	-0.00%	-0.000%
14	2.736	2.729	2.775	PH	204	388	0.00%	0.000%
15	2.779	2.775	2.784	PH	66	-247	-0.00%	-0.000%
16	2.795	2.784	2.799	PH	11	-869	-0.01%	-0.000%
17	2.807	2.799	2.820	PH	52	-876	-0.01%	-0.000%
18	2.823	2.820	2.851	PH	108	205	0.00%	0.000%
19	2.856	2.851	2.861	PH	110	-208	-0.00%	-0.000%
20	2.869	2.861	2.873	PH	72	-4	-0.00%	-0.000%
21	2.882	2.873	2.886	PH	89	-41	-0.00%	-0.000%
22	2.893	2.886	2.901	PH	114	-58	-0.00%	-0.000%
23	2.907	2.901	2.912	PH	15	-323	-0.00%	-0.000%
24	2.921	2.912	2.929	PH	103	328	0.00%	0.000%
25	2.935	2.929	2.943	PH	218	731	0.01%	0.000%
26	2.947	2.943	2.950	PH	86	208	0.00%	0.000%
27	2.960	2.950	2.981	PH	206	1962	0.02%	0.000%
28	2.991	2.981	3.003	PH	255	1685	0.02%	0.000%
29	3.024	3.003	3.037	HH	244	3436	0.03%	0.000%
30	3.046	3.037	3.056	HH	379	2739	0.03%	0.000%
31	3.069	3.056	3.087	HH	549	6892	0.07%	0.001%
32	3.099	3.087	3.110	HH	383	4382	0.04%	0.001%
33	3.123	3.110	3.132	HH	356	3447	0.03%	0.000%
34	3.150	3.132	3.154	HH	342	3441	0.03%	0.000%
35	3.165	3.154	3.184	HH	393	5738	0.06%	0.001%
36	3.191	3.184	3.198	HH	416	2444	0.02%	0.000%

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37	3.207	3.198	3.214	HH	320	2216	0.02%	0.000%
38	3.223	3.214	3.233	HH	440	3559	0.04%	0.001%
39	3.237	3.233	3.247	HH	390	3129	0.03%	0.000%
40	3.254	3.247	3.260	HH	434	2802	0.03%	0.000%
41	3.264	3.260	3.300	HH	490	9619	0.10%	0.001%
42	3.314	3.300	3.321	HH	602	5888	0.06%	0.001%
43	3.333	3.321	3.340	HH	642	5600	0.06%	0.001%
44	3.344	3.340	3.349	HH	610	2985	0.03%	0.000%
45	3.357	3.349	3.379	HH	584	9029	0.09%	0.001%
46	3.384	3.379	3.390	HH	545	3082	0.03%	0.000%
47	3.396	3.390	3.406	HH	510	4427	0.04%	0.001%
48	3.420	3.406	3.432	HH	752	9764	0.10%	0.001%
49	3.437	3.432	3.445	HH	670	4608	0.05%	0.001%
50	3.455	3.445	3.463	HH	696	6908	0.07%	0.001%
51	3.468	3.463	3.473	HH	711	3635	0.04%	0.001%
52	3.487	3.473	3.500	HH	701	9214	0.09%	0.001%
53	3.510	3.500	3.527	HH	836	10885	0.11%	0.002%
54	3.534	3.527	3.548	HH	883	9808	0.10%	0.001%
55	3.562	3.548	3.583	HH	810	15963	0.16%	0.002%
56	3.591	3.583	3.606	HH	834	9831	0.10%	0.001%
57	3.613	3.606	3.630	HH	879	11836	0.12%	0.002%
58	3.636	3.630	3.659	HH	895	14803	0.15%	0.002%
59	3.664	3.659	3.672	HH	972	7057	0.07%	0.001%
60	3.679	3.672	3.693	HH	932	10928	0.11%	0.002%
61	3.696	3.693	3.726	HH	919	16282	0.16%	0.002%
62	3.736	3.726	3.747	HH	960	10960	0.11%	0.002%
63	3.776	3.747	3.784	HH	1071	20081	0.20%	0.003%
64	3.787	3.784	3.792	HH	1053	4807	0.05%	0.001%
65	3.796	3.792	3.807	HH	1105	8085	0.08%	0.001%
66	3.824	3.807	3.832	HH	1043	14456	0.14%	0.002%
67	3.836	3.832	3.841	HH	1071	5910	0.06%	0.001%
68	3.875	3.841	3.887	HH	1246	30672	0.30%	0.004%
69	3.892	3.887	3.895	HH	1160	5205	0.05%	0.001%
70	3.900	3.895	3.906	HH	1169	6968	0.07%	0.001%
71	3.910	3.906	3.916	HH	1147	6801	0.07%	0.001%
72	3.920	3.916	3.926	HH	1133	6111	0.06%	0.001%
73	3.932	3.926	3.937	HH	1162	6891	0.07%	0.001%
74	3.949	3.937	3.962	HH	1178	16977	0.17%	0.002%
75	4.021	3.962	4.037	HH	1297	51316	0.51%	0.007%
76	4.047	4.037	4.066	HH	1332	21001	0.21%	0.003%
77	4.070	4.066	4.090	HH	1300	18227	0.18%	0.003%
78	4.095	4.090	4.102	HH	1327	9117	0.09%	0.001%
79	4.108	4.102	4.117	HH	1435	11349	0.11%	0.002%
80	4.125	4.117	4.141	HH	1354	18268	0.18%	0.003%
81	4.144	4.141	4.151	HH	1260	7335	0.07%	0.001%
82	4.163	4.151	4.195	HH	1888	40527	0.40%	0.006%
83	4.207	4.195	4.219	HH	1504	21100	0.21%	0.003%
84	4.225	4.219	4.235	HH	1449	12990	0.13%	0.002%
85	4.239	4.235	4.251	HH	1521	13981	0.14%	0.002%
86	4.260	4.251	4.275	HH	1632	21136	0.21%	0.003%
87	4.283	4.275	4.293	HH	1600	16887	0.17%	0.002%
88	4.296	4.293	4.300	HH	1567	6099	0.06%	0.001%
89	4.306	4.300	4.313	HH	1609	11930	0.12%	0.002%

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90	4.320	4.313	4.325	HH	1566	10442	0.10%	0.001%
91	4.332	4.325	4.338	HH	1570	12054	0.12%	0.002%
92	4.352	4.338	4.362	HH	1858	23139	0.23%	0.003%
93	4.377	4.362	4.381	HH	1776	20318	0.20%	0.003%
94	4.386	4.381	4.394	HH	1806	12764	0.13%	0.002%
95	4.400	4.394	4.413	HH	1832	20702	0.20%	0.003%
96	4.425	4.413	4.435	HH	1829	22792	0.23%	0.003%
97	4.463	4.435	4.529	HH	303542	2589892	25.59%	0.366%
98	4.533	4.529	4.538	HH	2726	14629	0.14%	0.002%
99	4.543	4.538	4.552	HH	2593	19940	0.20%	0.003%
100	4.556	4.552	4.582	HH	2511	43491	0.43%	0.006%
101	4.585	4.582	4.589	HH	2266	8817	0.09%	0.001%
102	4.606	4.589	4.613	HH	2336	32021	0.32%	0.005%
103	4.618	4.613	4.625	HH	2181	14667	0.14%	0.002%
104	4.657	4.625	4.677	HH	2542	70708	0.70%	0.010%
105	4.682	4.677	4.698	HH	2299	28474	0.28%	0.004%
106	4.721	4.698	4.730	HH	2303	41552	0.41%	0.006%
107	4.734	4.730	4.738	HH	2180	10222	0.10%	0.001%
108	4.745	4.738	4.749	HH	2167	13361	0.13%	0.002%
109	4.760	4.749	4.780	HH	2248	40693	0.40%	0.006%
110	4.786	4.780	4.799	HH	2278	24707	0.24%	0.003%
111	4.810	4.799	4.819	HH	2360	26298	0.26%	0.004%
112	4.824	4.819	4.832	HH	2167	17149	0.17%	0.002%
113	4.836	4.832	4.864	HH	2229	39653	0.39%	0.006%
114	4.874	4.864	4.882	HH	2214	22765	0.22%	0.003%
115	4.890	4.882	4.901	HH	2243	24844	0.25%	0.004%
116	4.915	4.901	4.922	HH	2274	28272	0.28%	0.004%
117	4.926	4.922	4.930	HH	2341	10581	0.10%	0.001%
118	4.936	4.930	4.945	HH	2324	19384	0.19%	0.003%
119	4.952	4.945	4.957	HH	2256	15820	0.16%	0.002%
120	4.967	4.957	4.973	HH	2242	21262	0.21%	0.003%
121	4.978	4.973	4.983	HH	2327	13137	0.13%	0.002%
122	4.988	4.983	4.996	HH	2379	18359	0.18%	0.003%
123	5.000	4.996	5.007	HH	2339	14128	0.14%	0.002%
124	5.016	5.007	5.022	HH	2438	21765	0.22%	0.003%
125	5.027	5.022	5.033	HH	2364	14771	0.15%	0.002%
126	5.037	5.033	5.045	HH	2383	16577	0.16%	0.002%
127	5.054	5.045	5.058	HH	2313	18030	0.18%	0.003%
128	5.076	5.058	5.088	HH	2670	45022	0.44%	0.006%
129	5.095	5.088	5.116	HH	2524	39905	0.39%	0.006%
130	5.143	5.116	5.169	HH	2560	77397	0.76%	0.011%
131	5.182	5.169	5.189	HH	2515	29066	0.29%	0.004%
132	5.208	5.189	5.216	HH	2572	39549	0.39%	0.006%
133	5.232	5.216	5.243	HH	2572	41032	0.41%	0.006%
134	5.247	5.243	5.254	HH	2585	15840	0.16%	0.002%
135	5.259	5.254	5.265	HH	2660	16722	0.17%	0.002%
136	5.281	5.265	5.285	HH	2693	31756	0.31%	0.004%
137	5.295	5.285	5.303	HH	2788	28220	0.28%	0.004%
138	5.327	5.303	5.337	HH	2844	54858	0.54%	0.008%
139	5.354	5.337	5.367	HH	2890	49833	0.49%	0.007%
140	5.378	5.367	5.386	HH	2953	31648	0.31%	0.004%
141	5.397	5.386	5.401	HH	2970	26285	0.26%	0.004%

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142	5.409	5.401	5.413	HH	3061	21811	0.22%	0.003%
143	5.417	5.413	5.421	HH	2905	12937	0.13%	0.002%
144	5.426	5.421	5.443	HH	2896	36872	0.36%	0.005%
145	5.447	5.443	5.452	HH	2912	14605	0.14%	0.002%
146	5.464	5.452	5.476	HH	2907	41049	0.41%	0.006%
147	5.500	5.476	5.519	HH	3976	84774	0.84%	0.012%
148	5.524	5.519	5.538	HH	3203	34036	0.34%	0.005%
149	5.543	5.538	5.558	HH	3033	34833	0.34%	0.005%
150	5.564	5.558	5.572	HH	2929	23689	0.23%	0.003%
151	5.580	5.572	5.602	HH	2891	52681	0.52%	0.007%
152	5.612	5.602	5.619	HH	2933	28628	0.28%	0.004%
153	5.636	5.619	5.650	HH	3099	55326	0.55%	0.008%
154	5.653	5.650	5.658	HH	3080	14940	0.15%	0.002%
155	5.673	5.658	5.680	HH	3124	39535	0.39%	0.006%
156	5.684	5.680	5.691	HH	3211	20080	0.20%	0.003%
157	5.698	5.691	5.707	HH	3100	30369	0.30%	0.004%
158	5.714	5.707	5.723	HH	3220	29431	0.29%	0.004%
159	5.728	5.723	5.732	HH	3049	14736	0.15%	0.002%
160	5.738	5.732	5.744	HH	3099	22470	0.22%	0.003%
161	5.750	5.744	5.754	HH	3074	18260	0.18%	0.003%
162	5.758	5.754	5.763	HH	3087	15761	0.16%	0.002%
163	5.776	5.763	5.791	HH	3295	52814	0.52%	0.007%
164	5.795	5.791	5.800	HH	3114	14802	0.15%	0.002%
165	5.811	5.800	5.815	HH	3184	28673	0.28%	0.004%
166	5.821	5.815	5.827	HH	3090	22238	0.22%	0.003%
167	5.856	5.827	5.877	HH	3414	94042	0.93%	0.013%
168	5.880	5.877	5.884	HH	3256	14228	0.14%	0.002%
169	5.906	5.884	5.925	HH	3306	78210	0.77%	0.011%
170	5.931	5.925	5.939	HH	3221	27235	0.27%	0.004%
171	5.945	5.939	5.950	HH	3264	20062	0.20%	0.003%
172	5.956	5.950	5.962	HH	3270	23780	0.23%	0.003%
173	5.977	5.962	5.982	HH	3397	40452	0.40%	0.006%
174	5.987	5.982	5.992	HH	3360	18749	0.19%	0.003%
175	6.012	5.992	6.021	HH	3412	58522	0.58%	0.008%
176	6.028	6.021	6.038	HH	3474	33628	0.33%	0.005%
177	6.063	6.038	6.068	HH	3605	62763	0.62%	0.009%
178	6.073	6.068	6.079	HH	3634	24776	0.24%	0.004%
179	6.081	6.079	6.086	HH	3545	14523	0.14%	0.002%
180	6.093	6.086	6.099	HH	3546	27405	0.27%	0.004%
181	6.107	6.099	6.117	HH	3625	37584	0.37%	0.005%
182	6.139	6.117	6.169	HH	4025	116267	1.15%	0.016%
183	6.192	6.169	6.220	HH	5908	135196	1.34%	0.019%
184	6.228	6.220	6.244	HH	3869	53510	0.53%	0.008%
185	6.263	6.244	6.269	HH	3837	56528	0.56%	0.008%
186	6.279	6.269	6.295	HH	3931	58096	0.57%	0.008%
187	6.299	6.295	6.333	HH	3876	88239	0.87%	0.012%
188	6.344	6.333	6.349	HH	3800	34548	0.34%	0.005%
189	6.372	6.349	6.391	HH	4200	101258	1.00%	0.014%
190	6.399	6.391	6.404	HH	4128	32323	0.32%	0.005%
191	6.409	6.404	6.419	HH	4061	35750	0.35%	0.005%
192	6.426	6.419	6.435	HH	3922	34893	0.34%	0.005%
193	6.439	6.435	6.449	HH	3804	32386	0.32%	0.005%
194	6.476	6.449	6.543	HH	330438	3100237	30.63%	0.439%

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195	6.550	6.543	6.556	HH	4699	36070	0.36%	0.005%
196	6.562	6.556	6.583	HH	4668	70993	0.70%	0.010%
197	6.587	6.583	6.611	HH	4286	70980	0.70%	0.010%
198	6.622	6.611	6.643	HH	4510	82945	0.82%	0.012%
199	6.658	6.643	6.664	HH	4358	54968	0.54%	0.008%
200	6.668	6.664	6.676	HH	4329	29665	0.29%	0.004%
201	6.708	6.676	6.730	HH	4407	135856	1.34%	0.019%
202	6.735	6.730	6.741	HH	4357	29799	0.29%	0.004%
203	6.746	6.741	6.761	HH	4274	50304	0.50%	0.007%
204	6.773	6.761	6.781	HH	4297	50102	0.50%	0.007%
205	6.788	6.781	6.829	HH	4376	123023	1.22%	0.017%
206	6.835	6.829	6.843	HH	4457	38505	0.38%	0.005%
207	6.849	6.843	6.855	HH	4361	29715	0.29%	0.004%
208	6.900	6.855	6.917	HH	4460	159820	1.58%	0.023%
209	6.935	6.917	6.950	HH	4485	89537	0.88%	0.013%
210	7.036	6.950	7.059	HH	4744	295852	2.92%	0.042%
211	7.075	7.059	7.119	HH	4873	169820	1.68%	0.024%
212	7.138	7.119	7.149	HH	4806	83908	0.83%	0.012%
213	7.177	7.149	7.196	HH	5335	139528	1.38%	0.020%
214	7.230	7.196	7.270	HH	5107	220333	2.18%	0.031%
215	7.279	7.270	7.289	HH	5021	58486	0.58%	0.008%
216	7.315	7.289	7.337	HH	5293	146838	1.45%	0.021%
217	7.353	7.337	7.372	HH	5260	108335	1.07%	0.015%
218	7.401	7.372	7.459	HH	6221	281282	2.78%	0.040%
219	7.479	7.459	7.496	HH	5212	110823	1.09%	0.016%
220	7.517	7.496	7.532	HH	5314	113281	1.12%	0.016%
221	7.572	7.532	7.601	HH	5315	215861	2.13%	0.031%
222	7.611	7.601	7.621	HH	5309	62740	0.62%	0.009%
223	7.654	7.621	7.668	HH	5475	149627	1.48%	0.021%
224	7.693	7.668	7.728	HH	5763	203807	2.01%	0.029%
225	7.802	7.728	7.838	HH	6637	398595	3.94%	0.056%
226	7.855	7.838	7.868	HH	6980	118724	1.17%	0.017%
227	7.874	7.868	7.894	HH	6685	100801	1.00%	0.014%
228	7.919	7.894	7.939	HH	6223	166002	1.64%	0.023%
229	7.963	7.939	7.990	HH	6525	185409	1.83%	0.026%
230	8.018	7.990	8.058	HH	7984	265865	2.63%	0.038%
231	8.086	8.058	8.116	HH	7456	229286	2.27%	0.032%
232	8.122	8.116	8.132	HH	6318	61500	0.61%	0.009%
233	8.186	8.132	8.224	HH	6998	359843	3.56%	0.051%
234	8.268	8.224	8.333	HH	369643	3625736	35.82%	0.513%
235	8.354	8.333	8.421	HH	34461	799203	7.90%	0.113%
236	8.431	8.421	8.483	HH	9324	307435	3.04%	0.043%
237	8.509	8.483	8.529	HH	7710	209996	2.07%	0.030%
238	8.554	8.529	8.575	HH	7511	206394	2.04%	0.029%
239	8.590	8.575	8.606	HH	7441	134867	1.33%	0.019%
240	8.629	8.606	8.648	HH	7865	191702	1.89%	0.027%
241	8.686	8.648	8.694	HH	8684	227706	2.25%	0.032%
242	8.711	8.694	8.741	HH	10320	258807	2.56%	0.037%
243	8.755	8.741	8.779	HH	9548	200835	1.98%	0.028%
244	8.799	8.779	8.829	HH	14002	304286	3.01%	0.043%
245	8.853	8.829	8.901	HH	9952	369521	3.65%	0.052%
246	8.921	8.901	8.934	HH	8473	166524	1.65%	0.024%

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247	8.947	8.934	8.983	HH	8954	248005	2.45%	0.035%
248	9.034	8.983	9.064	HH	9309	432441	4.27%	0.061%
249	9.087	9.064	9.148	HH	30866	653699	6.46%	0.092%
250	9.170	9.148	9.192	HH	10087	248530	2.46%	0.035%
251	9.204	9.192	9.249	HH	9165	310260	3.07%	0.044%
252	9.268	9.249	9.299	HH	10625	287659	2.84%	0.041%
253	9.321	9.299	9.335	HH	9387	194913	1.93%	0.028%
254	9.344	9.335	9.356	HH	9240	116764	1.15%	0.017%
255	9.385	9.356	9.401	HH	9417	249925	2.47%	0.035%
256	9.415	9.401	9.439	HH	9386	213512	2.11%	0.030%
257	9.460	9.439	9.490	HH	12402	329471	3.26%	0.047%
258	9.505	9.490	9.518	HH	11586	183334	1.81%	0.026%
259	9.545	9.518	9.566	HH	12414	327165	3.23%	0.046%
260	9.589	9.566	9.607	HH	13416	280869	2.78%	0.040%
261	9.619	9.607	9.629	HH	11356	145375	1.44%	0.021%
262	9.643	9.629	9.673	HH	13909	297708	2.94%	0.042%
263	9.699	9.673	9.753	HH	19637	574270	5.67%	0.081%
264	9.784	9.753	9.798	HH	10722	278031	2.75%	0.039%
265	9.819	9.798	9.836	HH	12194	263214	2.60%	0.037%
266	9.866	9.836	9.913	HH	385094	3930418	38.83%	0.556%
267	9.929	9.913	9.938	HH	11686	174778	1.73%	0.025%
268	9.966	9.938	10.023	HH	12119	580401	5.73%	0.082%
269	10.034	10.023	10.049	HH	11127	170639	1.69%	0.024%
270	10.079	10.049	10.119	HH	12016	487029	4.81%	0.069%
271	10.139	10.119	10.171	HH	11912	361153	3.57%	0.051%
272	10.208	10.171	10.221	HH	14128	370133	3.66%	0.052%
273	10.250	10.221	10.276	HH	18914	492257	4.86%	0.070%
274	10.299	10.276	10.319	HH	13958	329271	3.25%	0.047%
275	10.339	10.319	10.371	HH	15445	410987	4.06%	0.058%
276	10.393	10.371	10.419	HH	15148	380719	3.76%	0.054%
277	10.431	10.419	10.449	HH	12501	221802	2.19%	0.031%
278	10.460	10.449	10.471	HH	12396	160356	1.58%	0.023%
279	10.496	10.471	10.511	HH	13625	313988	3.10%	0.044%
280	10.528	10.511	10.552	HH	13878	327630	3.24%	0.046%
281	10.600	10.552	10.636	HH	41483	936488	9.25%	0.132%
282	10.669	10.636	10.706	HH	21891	686317	6.78%	0.097%
283	10.730	10.706	10.759	HH	15096	465814	4.60%	0.066%
284	10.767	10.759	10.790	HH	13644	248914	2.46%	0.035%
285	10.812	10.790	10.842	HH	14068	420181	4.15%	0.059%
286	10.853	10.842	10.868	HH	13396	208149	2.06%	0.029%
287	10.900	10.868	10.960	HH	37231	1194106	11.80%	0.169%
288	10.999	10.960	11.039	HH	20216	823589	8.14%	0.117%
289	11.053	11.039	11.087	HH	17748	457719	4.52%	0.065%
290	11.105	11.087	11.140	HH	16753	471416	4.66%	0.067%
291	11.152	11.140	11.166	HH	14322	224565	2.22%	0.032%
292	11.174	11.166	11.185	HH	14358	163305	1.61%	0.023%
293	11.194	11.185	11.215	HH	14368	258974	2.56%	0.037%
294	11.240	11.215	11.259	HH	14827	381182	3.77%	0.054%
295	11.306	11.259	11.359	HH	363623	4298657	42.47%	0.608%
296	11.389	11.359	11.412	HH	21463	562575	5.56%	0.080%
297	11.424	11.412	11.479	HH	16256	637989	6.30%	0.090%
298	11.499	11.479	11.524	HH	17208	432945	4.28%	0.061%
299	11.541	11.524	11.556	HH	16036	297456	2.94%	0.042%

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300	11.595	11.556	11.642	HH	17276	835192	8.25%	0.118%
301	11.657	11.642	11.676	HH	16379	329787	3.26%	0.047%
302	11.707	11.676	11.726	HH	22449	557660	5.51%	0.079%
303	11.746	11.726	11.773	HH	22016	561231	5.55%	0.079%
304	11.783	11.773	11.801	HH	18348	299640	2.96%	0.042%
305	11.826	11.801	11.846	HH	24042	551686	5.45%	0.078%
306	11.860	11.846	11.879	HH	21720	411847	4.07%	0.058%
307	11.895	11.879	11.931	HH	21695	614149	6.07%	0.087%
308	11.970	11.931	12.000	HH	36066	913146	9.02%	0.129%
309	12.031	12.000	12.051	HH	18390	541408	5.35%	0.077%
310	12.074	12.051	12.092	HH	18571	436712	4.31%	0.062%
311	12.120	12.092	12.153	HH	17955	642121	6.34%	0.091%
312	12.181	12.153	12.217	HH	22027	756025	7.47%	0.107%
313	12.248	12.217	12.284	HH	21395	814179	8.04%	0.115%
314	12.298	12.284	12.331	HH	21188	553192	5.47%	0.078%
315	12.379	12.331	12.413	HH	20838	961110	9.50%	0.136%
316	12.435	12.413	12.459	HH	21748	565925	5.59%	0.080%
317	12.471	12.459	12.488	HH	19933	335336	3.31%	0.047%
318	12.501	12.488	12.515	HH	21249	340387	3.36%	0.048%
319	12.530	12.515	12.573	HH	21105	701535	6.93%	0.099%
320	12.614	12.573	12.656	HH	349739	4283036	42.32%	0.606%
321	12.667	12.656	12.696	HH	23581	528892	5.23%	0.075%
322	12.717	12.696	12.813	HH	134223	3002939	29.67%	0.425%
323	12.824	12.813	12.841	HH	21225	349102	3.45%	0.049%
324	12.876	12.841	12.904	HH	23093	837935	8.28%	0.119%
325	12.924	12.904	12.957	HH	23822	725316	7.17%	0.103%
326	12.978	12.957	12.989	HH	22118	410981	4.06%	0.058%
327	13.016	12.989	13.067	HH	134054	2455003	24.26%	0.347%
328	13.083	13.067	13.105	HH	32374	642535	6.35%	0.091%
329	13.122	13.105	13.193	HH	32555	1385832	13.69%	0.196%
330	13.220	13.193	13.258	HH	28083	952197	9.41%	0.135%
331	13.265	13.258	13.277	HH	22844	266370	2.63%	0.038%
332	13.321	13.277	13.341	HH	27495	955088	9.44%	0.135%
333	13.351	13.341	13.375	HH	25165	493049	4.87%	0.070%
334	13.386	13.375	13.399	HH	23964	347788	3.44%	0.049%
335	13.454	13.399	13.471	HH	27086	1064327	10.52%	0.151%
336	13.494	13.471	13.550	HH	30919	1272387	12.57%	0.180%
337	13.561	13.550	13.576	HH	24022	364206	3.60%	0.052%
338	13.601	13.576	13.619	HH	29270	709251	7.01%	0.100%
339	13.635	13.619	13.667	HH	33439	832954	8.23%	0.118%
340	13.681	13.667	13.718	HH	26475	779885	7.71%	0.110%
341	13.738	13.718	13.756	HH	27609	601371	5.94%	0.085%
342	13.810	13.756	13.851	HH	321695	4599372	45.44%	0.651%
343	13.869	13.851	13.885	HH	30408	601402	5.94%	0.085%
344	13.900	13.885	13.929	HH	32458	772839	7.64%	0.109%
345	13.950	13.929	14.003	HH	30762	1222400	12.08%	0.173%
346	14.021	14.003	14.039	HH	27442	591946	5.85%	0.084%
347	14.093	14.039	14.126	HH	28730	1429557	14.12%	0.202%
348	14.133	14.126	14.149	HH	27741	376521	3.72%	0.053%
349	14.173	14.149	14.188	HH	28966	650665	6.43%	0.092%
350	14.219	14.188	14.239	HH	28528	869705	8.59%	0.123%
351	14.314	14.239	14.336	HH	32696	1711103	16.91%	0.242%

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352	14.363	14.336	14.383	HH	32728	867538	8.57%	0.123%
353	14.420	14.383	14.447	HH	36933	1270054	12.55%	0.180%
354	14.460	14.447	14.534	HH	34337	1605657	15.86%	0.227%
355	14.553	14.534	14.569	HH	35184	702640	6.94%	0.099%
356	14.587	14.569	14.599	HH	40603	657379	6.49%	0.093%
357	14.615	14.599	14.654	HH	41339	1213331	11.99%	0.172%
358	14.708	14.654	14.788	HH	265043	5409447	53.45%	0.765%
359	14.801	14.788	14.821	HH	35533	675895	6.68%	0.096%
360	14.846	14.821	14.854	HH	32523	643710	6.36%	0.091%
361	14.912	14.854	14.937	HH	388646	5432846	53.68%	0.769%
362	14.956	14.937	15.029	HH	91908	2850691	28.17%	0.403%
363	15.081	15.029	15.104	HH	44987	1714546	16.94%	0.243%
364	15.123	15.104	15.163	HH	38038	1275809	12.61%	0.181%
365	15.177	15.163	15.195	HH	36199	687305	6.79%	0.097%
366	15.234	15.195	15.256	HH	39244	1362177	13.46%	0.193%
367	15.286	15.256	15.298	HH	43626	1030065	10.18%	0.146%
368	15.343	15.298	15.476	HH	68580	5993821	59.22%	0.848%
369	15.505	15.476	15.544	HH	47082	1773269	17.52%	0.251%
370	15.555	15.544	15.581	HH	41664	895386	8.85%	0.127%
371	15.601	15.581	15.629	HH	52268	1327710	13.12%	0.188%
372	15.646	15.629	15.676	HH	46459	1211919	11.97%	0.171%
373	15.705	15.676	15.718	HH	43926	1063263	10.51%	0.150%
374	15.743	15.718	15.761	HH	48005	1175158	11.61%	0.166%
375	15.778	15.761	15.813	HH	46373	1378253	13.62%	0.195%
376	15.827	15.813	15.871	HH	45633	1551560	15.33%	0.220%
377	15.934	15.871	15.967	HH	321031	5557269	54.91%	0.786%
378	15.995	15.967	16.021	HH	46425	1478511	14.61%	0.209%
379	16.086	16.021	16.118	HH	48920	2725343	26.93%	0.386%
380	16.141	16.118	16.174	HH	51497	1673087	16.53%	0.237%
381	16.191	16.174	16.206	HH	49345	928062	9.17%	0.131%
382	16.231	16.206	16.256	HH	50298	1486488	14.69%	0.210%
383	16.316	16.256	16.346	HH	57019	2796099	27.63%	0.396%
384	16.429	16.346	16.469	HH	61052	4200937	41.51%	0.594%
385	16.491	16.469	16.515	HH	146223	2642437	26.11%	0.374%
386	16.530	16.515	16.593	HH	87975	3256187	32.17%	0.461%
387	16.640	16.593	16.679	HH	73966	3270161	32.31%	0.463%
388	16.696	16.679	16.709	HH	60824	1086705	10.74%	0.154%
389	16.752	16.709	16.764	HH	67006	2075074	20.50%	0.294%
390	16.786	16.764	16.796	HH	67746	1266706	12.52%	0.179%
391	16.817	16.796	16.854	HH	116161	2897691	28.63%	0.410%
392	16.885	16.854	16.916	HH	399375	6544499	64.66%	0.926%
393	16.928	16.916	16.971	HH	92991	2565014	25.34%	0.363%
394	16.995	16.971	17.046	HH	87940	3422931	33.82%	0.484%
395	17.068	17.046	17.076	HH	75528	1324780	13.09%	0.187%
396	17.106	17.076	17.118	HH	78390	1903876	18.81%	0.269%
397	17.134	17.118	17.178	HH	86747	2827645	27.94%	0.400%
398	17.205	17.178	17.233	HH	82356	2614494	25.83%	0.370%
399	17.304	17.233	17.317	HH	89496	4127704	40.78%	0.584%
400	17.328	17.317	17.344	HH	89178	1440099	14.23%	0.204%
401	17.373	17.344	17.389	HH	86637	2251274	22.24%	0.319%
402	17.411	17.389	17.434	HH	90208	2349809	23.22%	0.332%
403	17.452	17.434	17.476	HH	89368	2146998	21.21%	0.304%
404	17.505	17.476	17.513	HH	84767	1860349	18.38%	0.263%

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405	17.535	17.513	17.553	HH	87452	2023383	19.99%	0.286%
406	17.568	17.553	17.591	HH	88671	1984033	19.60%	0.281%
407	17.624	17.591	17.647	HH	88428	2897029	28.62%	0.410%
408	17.674	17.647	17.703	HH	95746	2976046	29.40%	0.421%
409	17.773	17.703	17.808	HH	358956	8823651	87.18%	1.248%
410	17.822	17.808	17.838	HH	92090	1626634	16.07%	0.230%
411	17.864	17.838	17.879	HH	96636	2341193	23.13%	0.331%
412	17.922	17.879	17.937	HH	116769	3503090	34.61%	0.496%
413	17.949	17.937	17.994	HH	106209	3460291	34.19%	0.490%
414	18.013	17.994	18.038	HH	99164	2531285	25.01%	0.358%
415	18.117	18.038	18.139	HH	110634	6164124	60.90%	0.872%
416	18.194	18.139	18.225	HH	130936	5991507	59.20%	0.848%
417	18.240	18.225	18.271	HH	115171	3115499	30.78%	0.441%
418	18.291	18.271	18.349	HH	179145	6114227	60.41%	0.865%
419	18.358	18.349	18.399	HH	106545	3138145	31.01%	0.444%
420	18.422	18.399	18.439	HH	115842	2662322	26.30%	0.377%
421	18.453	18.439	18.479	HH	114905	2654517	26.23%	0.376%
422	18.497	18.479	18.523	HH	121130	2890527	28.56%	0.409%
423	18.545	18.523	18.575	HH	145661	3873794	38.27%	0.548%
424	18.604	18.575	18.644	HH	349317	7295468	72.08%	1.032%
425	18.713	18.644	18.744	HH	136308	6922183	68.39%	0.979%
426	18.764	18.744	18.819	HH	126476	5208012	51.46%	0.737%
427	18.825	18.819	18.834	HH	111972	996365	9.84%	0.141%
428	18.859	18.834	18.874	HH	110792	2649360	26.18%	0.375%
429	18.894	18.874	18.924	HH	116443	3340429	33.00%	0.473%
430	18.939	18.924	18.966	HH	113653	2845197	28.11%	0.403%
431	19.003	18.966	19.011	HH	128759	3240655	32.02%	0.458%
432	19.042	19.011	19.066	HH	134186	4331123	42.79%	0.613%
433	19.079	19.066	19.096	HH	127011	2284609	22.57%	0.323%
434	19.110	19.096	19.134	HH	128696	2856979	28.23%	0.404%
435	19.145	19.134	19.168	HH	122730	2434544	24.05%	0.344%
436	19.191	19.168	19.246	HH	124519	5687444	56.19%	0.805%
437	19.281	19.246	19.306	HH	122927	4398990	43.46%	0.622%
438	19.323	19.306	19.348	HH	126845	3072891	30.36%	0.435%
439	19.388	19.348	19.413	HH	304634	6733881	66.53%	0.953%
440	19.423	19.413	19.445	HH	128622	2453752	24.24%	0.347%
441	19.483	19.445	19.504	HH	132664	4503084	44.49%	0.637%
442	19.516	19.504	19.543	HH	129975	2927779	28.93%	0.414%
443	19.569	19.543	19.579	HH	129540	2783483	27.50%	0.394%
444	19.603	19.579	19.628	HH	133508	3830426	37.85%	0.542%
445	19.639	19.628	19.661	HH	130860	2559107	25.28%	0.362%
446	19.672	19.661	19.693	HH	132941	2555047	25.24%	0.361%
447	19.725	19.693	19.748	HH	146733	4517706	44.64%	0.639%
448	19.765	19.748	19.783	HH	147374	2996208	29.60%	0.424%
449	19.804	19.783	19.839	HH	150948	4872580	48.14%	0.689%
450	19.861	19.839	19.884	HH	142878	3784604	37.39%	0.535%
451	19.892	19.884	19.901	HH	139215	1385195	13.69%	0.196%
452	19.927	19.901	19.979	HH	143015	6552668	64.74%	0.927%
453	20.000	19.979	20.019	HH	140871	3311680	32.72%	0.469%
454	20.049	20.019	20.076	HH	144327	4884388	48.26%	0.691%
455	20.126	20.076	20.173	HH	279166	10121333	100.00%	1.432%
456	20.198	20.173	20.213	HH	153452	3517243	34.75%	0.498%

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457	20.223	20.213	20.244	HH	151147	2832970	27.99%	0.401%
458	20.276	20.244	20.301	HH	151067	5052740	49.92%	0.715%
459	20.308	20.301	20.316	HH	148561	1318085	13.02%	0.186%
460	20.339	20.316	20.361	HH	152381	4030171	39.82%	0.570%
461	20.385	20.361	20.407	HH	149201	4061192	40.13%	0.575%
462	20.420	20.407	20.449	HH	147310	3659231	36.15%	0.518%
463	20.477	20.449	20.514	HH	150337	5813746	57.44%	0.823%
464	20.521	20.514	20.534	HH	148864	1717423	16.97%	0.243%
465	20.543	20.534	20.569	HH	146887	3048510	30.12%	0.431%
466	20.600	20.569	20.667	HH	148722	8517450	84.15%	1.205%
467	20.686	20.667	20.697	HH	141421	2477506	24.48%	0.351%
468	20.705	20.697	20.718	HH	141998	1796583	17.75%	0.254%
469	20.725	20.718	20.768	HH	141574	4201033	41.51%	0.594%
470	20.774	20.768	20.803	HH	141306	2913622	28.79%	0.412%
471	20.810	20.803	20.833	HH	139126	2495263	24.65%	0.353%
472	20.863	20.833	20.914	HH	220400	7858414	77.64%	1.112%
473	20.919	20.914	20.991	HH	137256	6193374	61.19%	0.876%
474	21.007	20.991	21.081	HH	133434	7095882	70.11%	1.004%
475	21.088	21.081	21.097	HH	131465	1253226	12.38%	0.177%
476	21.113	21.097	21.156	HH	133508	4629411	45.74%	0.655%
477	21.165	21.156	21.204	HH	130229	3679759	36.36%	0.521%
478	21.228	21.204	21.238	HH	130451	2657437	26.26%	0.376%
479	21.247	21.238	21.268	HH	130317	2317587	22.90%	0.328%
480	21.289	21.268	21.372	HH	130015	7944106	78.49%	1.124%
481	21.379	21.372	21.391	HH	126184	1454736	14.37%	0.206%
482	21.409	21.391	21.429	HH	125930	2804295	27.71%	0.397%
483	21.437	21.429	21.491	HH	126367	4584598	45.30%	0.649%
484	21.500	21.491	21.509	HH	120792	1317480	13.02%	0.186%
485	21.522	21.509	21.558	HH	121587	3492636	34.51%	0.494%
486	21.575	21.558	21.588	HH	122738	2177067	21.51%	0.308%
487	21.602	21.588	21.611	HH	123255	1703192	16.83%	0.241%
488	21.628	21.611	21.641	HH	121530	2177927	21.52%	0.308%
489	21.707	21.641	21.731	HH	123434	6612761	65.33%	0.936%
490	21.769	21.731	21.814	HH	176028	6930695	68.48%	0.981%
491	21.823	21.814	21.866	HH	118379	3626459	35.83%	0.513%
492	21.877	21.866	21.901	HH	116531	2445899	24.17%	0.346%
493	21.910	21.901	21.919	HH	115836	1238346	12.24%	0.175%
494	21.932	21.919	21.944	HH	115518	1714599	16.94%	0.243%
495	21.954	21.944	22.002	HH	114384	3902554	38.56%	0.552%
496	22.026	22.002	22.044	HH	114212	2883274	28.49%	0.408%
497	22.049	22.044	22.084	HH	114229	2698819	26.66%	0.382%
498	22.097	22.084	22.106	HH	113574	1462490	14.45%	0.207%
499	22.120	22.106	22.133	HH	113863	1802627	17.81%	0.255%
500	22.141	22.133	22.164	HH	112554	2116438	20.91%	0.299%
501	22.178	22.164	22.234	HH	112119	4625234	45.70%	0.654%
502	22.271	22.234	22.281	HH	110953	3068012	30.31%	0.434%
503	22.286	22.281	22.304	HH	110377	1530040	15.12%	0.216%
504	22.314	22.304	22.331	HH	109708	1756448	17.35%	0.249%
505	22.344	22.331	22.367	HH	108697	2298945	22.71%	0.325%
506	22.376	22.367	22.409	HH	107193	2690912	26.59%	0.381%
507	22.417	22.409	22.458	HH	105899	3040820	30.04%	0.430%
508	22.480	22.458	22.493	HH	105800	2212805	21.86%	0.313%
509	22.499	22.493	22.523	HH	105298	1875388	18.53%	0.265%

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510	22.539	22.523	22.549	HH	105247	1638221	16.19%	0.232%
511	22.559	22.549	22.588	HH	105349	2411286	23.82%	0.341%
512	22.597	22.588	22.606	HH	103334	1131370	11.18%	0.160%
513	22.632	22.606	22.692	HH	103599	5280025	52.17%	0.747%
514	22.722	22.692	22.736	HH	101589	2659082	26.27%	0.376%
515	22.749	22.736	22.773	HH	101500	2221237	21.95%	0.314%
516	22.785	22.773	22.804	HH	101246	1906622	18.84%	0.270%
517	22.816	22.804	22.828	HH	100962	1396341	13.80%	0.198%
518	22.838	22.828	22.908	HH	99700	4719626	46.63%	0.668%
519	22.939	22.908	22.949	HH	99572	2459254	24.30%	0.348%
520	22.957	22.949	23.034	HH	98528	4906254	48.47%	0.694%
521	23.044	23.034	23.059	HH	96166	1433118	14.16%	0.203%
522	23.086	23.059	23.101	HH	96356	2382580	23.54%	0.337%
523	23.109	23.101	23.139	HH	96592	2200886	21.75%	0.311%
524	23.153	23.139	23.163	HH	96020	1336105	13.20%	0.189%
525	23.170	23.163	23.218	HH	96292	3139659	31.02%	0.444%
526	23.231	23.218	23.244	HH	94288	1461682	14.44%	0.207%
527	23.254	23.244	23.264	HH	95084	1158632	11.45%	0.164%
528	23.274	23.264	23.309	HH	93595	2511824	24.82%	0.355%
529	23.318	23.309	23.333	HH	92724	1290191	12.75%	0.183%
530	23.403	23.333	23.443	HH	93309	6100826	60.28%	0.863%
531	23.450	23.443	23.483	HH	92201	2201053	21.75%	0.311%
532	23.495	23.483	23.516	HH	91856	1814105	17.92%	0.257%
533	23.519	23.516	23.538	HH	91394	1168914	11.55%	0.165%
534	23.548	23.538	23.598	HH	90846	3225539	31.87%	0.456%
535	23.651	23.598	23.669	HH	90552	3850099	38.04%	0.545%
536	23.681	23.669	23.709	HH	89830	2137577	21.12%	0.302%
537	23.727	23.709	23.759	HH	89622	2654323	26.23%	0.376%
538	23.776	23.759	23.791	HH	88338	1674667	16.55%	0.237%
539	23.832	23.791	23.846	HH	89592	2916394	28.81%	0.413%
540	23.852	23.846	23.903	HH	88802	2980049	29.44%	0.422%
541	23.909	23.903	23.918	HH	87934	784750	7.75%	0.111%
542	23.934	23.918	23.944	HH	88165	1398790	13.82%	0.198%
543	23.953	23.944	23.974	HH	87737	1567519	15.49%	0.222%
544	23.980	23.974	23.998	HH	87348	1214744	12.00%	0.172%
545	24.009	23.998	24.034	HH	87223	1905787	18.83%	0.270%
546	24.043	24.034	24.073	HH	86574	1974266	19.51%	0.279%
547	24.079	24.073	24.099	HH	86486	1360282	13.44%	0.192%
548	24.120	24.099	24.144	HH	85974	2274695	22.47%	0.322%
549	24.155	24.144	24.170	HH	85421	1361978	13.46%	0.193%
550	24.183	24.170	24.238	HH	85801	3381013	33.40%	0.478%
551	24.277	24.238	24.321	HH	84034	4145946	40.96%	0.587%
552	24.327	24.321	24.339	HH	82687	901534	8.91%	0.128%
553	24.361	24.339	24.383	HH	82682	2123670	20.98%	0.300%
554	24.392	24.383	24.400	HH	82093	843002	8.33%	0.119%
555	24.415	24.400	24.428	HH	83344	1370226	13.54%	0.194%
556	24.456	24.428	24.470	HH	83536	2080570	20.56%	0.294%
557	24.498	24.470	24.511	HH	84006	2065911	20.41%	0.292%
558	24.520	24.511	24.563	HH	83989	2559908	25.29%	0.362%
559	24.571	24.563	24.589	HH	82716	1295717	12.80%	0.183%

Sum of corrected areas: 706802009

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