

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091319\
 Data File : FE030477.D
 Signal(s) : FID1B.CH
 Acq On : 13 Sep 2019 15:03
 Sample : K4866-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE090819.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.323	2.295	2.366	BH	1012	-2157	-0.04%	-0.001%
2	2.385	2.366	2.421	PH	-227	-22984	-0.46%	-0.007%
3	2.434	2.421	2.475	PH	-606	-31990	-0.65%	-0.010%
4	2.490	2.475	2.510	PH	-1176	-25904	-0.52%	-0.008%
5	2.530	2.510	2.547	PH	-394	-19700	-0.40%	-0.006%
6	2.575	2.547	2.602	PH	586	-11605	-0.23%	-0.004%
7	2.616	2.602	2.632	PH	6366	38475	0.78%	0.012%
8	2.645	2.632	2.712	PH	1272	-23318	-0.47%	-0.007%
9	2.762	2.712	2.818	PH	2964	-49487	-1.00%	-0.015%
10	2.842	2.818	2.856	PH	-873	-35642	-0.72%	-0.011%
11	2.864	2.856	2.878	PH	-1395	-20772	-0.42%	-0.006%
12	2.889	2.878	2.920	PH	-1592	-47589	-0.96%	-0.014%
13	2.936	2.920	2.957	PH	-1644	-43106	-0.87%	-0.013%
14	2.974	2.957	3.010	PH	-213	-35575	-0.72%	-0.011%
15	3.027	3.010	3.072	PH	846	-39518	-0.80%	-0.012%
16	3.111	3.072	3.165	PH	1505	-24750	-0.50%	-0.008%
17	3.174	3.165	3.192	PH	-1760	-32049	-0.65%	-0.010%
18	3.210	3.192	3.225	PH	-1045	-34472	-0.70%	-0.010%
19	3.259	3.225	3.272	PH	604	-27498	-0.56%	-0.008%
20	3.284	3.272	3.343	PH	6124	7949	0.16%	0.002%
21	3.356	3.343	3.370	PH	-2048	-35951	-0.73%	-0.011%
22	3.408	3.370	3.424	PH	2147	7949	0.16%	0.002%
23	3.440	3.424	3.489	PH	1720	20189	0.41%	0.006%
24	3.498	3.489	3.508	PH	-340	-7711	-0.16%	-0.002%
25	3.527	3.508	3.568	PH	4447	44585	0.90%	0.014%
26	3.586	3.568	3.610	PH	4364	52175	1.05%	0.016%
27	3.647	3.610	3.667	HH	5571	111259	2.25%	0.034%
28	3.692	3.667	3.728	HH	9992	150725	3.04%	0.046%
29	3.743	3.728	3.761	HH	3282	30718	0.62%	0.009%
30	3.779	3.761	3.815	PH	11449	89301	1.80%	0.027%
31	3.845	3.815	3.882	PH	4122	90586	1.83%	0.027%
32	3.898	3.882	3.919	PH	3506	49020	0.99%	0.015%
33	3.935	3.919	3.949	PH	3930	44537	0.90%	0.014%
34	3.971	3.949	4.025	HH	6459	188579	3.81%	0.057%
35	4.039	4.025	4.054	HH	3112	32687	0.66%	0.010%
36	4.071	4.054	4.084	HH	3799	47558	0.96%	0.014%

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37	4.115	4.084	4.135	HH	6067	148568	3.00%	0.045%
38	4.147	4.135	4.178	HH	5867	74289	1.50%	0.023%
39	4.217	4.178	4.237	PH	7526	100314	2.03%	0.030%
40	4.284	4.237	4.325	HH	5663	219290	4.43%	0.067%
41	4.336	4.325	4.347	HH	3512	40997	0.83%	0.012%
42	4.365	4.347	4.409	HH	9532	189225	3.82%	0.057%
43	4.492	4.409	4.537	HH	17275	635320	12.83%	0.193%
44	4.553	4.537	4.591	HH	15584	321319	6.49%	0.097%
45	4.615	4.591	4.647	HH	10488	297446	6.00%	0.090%
46	4.668	4.647	4.681	HH	14021	202528	4.09%	0.061%
47	4.695	4.681	4.735	HH	14311	351575	7.10%	0.107%
48	4.763	4.735	4.795	HH	18537	368526	7.44%	0.112%
49	4.819	4.795	4.838	HH	7735	172225	3.48%	0.052%
50	4.866	4.838	4.880	HH	7554	152066	3.07%	0.046%
51	4.911	4.880	4.957	HH	10009	325665	6.57%	0.099%
52	5.002	4.957	5.033	HH	16222	460080	9.29%	0.140%
53	5.051	5.033	5.071	HH	10687	192565	3.89%	0.058%
54	5.096	5.071	5.116	HH	9079	198606	4.01%	0.060%
55	5.134	5.116	5.143	HH	8700	124307	2.51%	0.038%
56	5.156	5.143	5.169	HH	9756	134362	2.71%	0.041%
57	5.202	5.169	5.230	HH	18465	409625	8.27%	0.124%
58	5.247	5.230	5.265	HH	11473	192691	3.89%	0.058%
59	5.279	5.265	5.291	HH	8147	122971	2.48%	0.037%
60	5.303	5.291	5.321	HH	8838	137177	2.77%	0.042%
61	5.368	5.321	5.386	HH	18241	481521	9.72%	0.146%
62	5.397	5.386	5.427	HH	11093	212158	4.28%	0.064%
63	5.444	5.427	5.479	HH	10455	276014	5.57%	0.084%
64	5.503	5.479	5.533	HH	30410	535209	10.80%	0.162%
65	5.558	5.533	5.569	HH	12160	231440	4.67%	0.070%
66	5.579	5.569	5.596	HH	11589	164113	3.31%	0.050%
67	5.613	5.596	5.660	HH	10377	356585	7.20%	0.108%
68	5.677	5.660	5.700	HH	12573	251680	5.08%	0.076%
69	5.721	5.700	5.758	HH	13833	387305	7.82%	0.117%
70	5.784	5.758	5.795	HH	13440	218944	4.42%	0.066%
71	5.822	5.795	5.873	HH	20253	627164	12.66%	0.190%
72	5.889	5.873	5.903	HH	12094	182073	3.68%	0.055%
73	5.951	5.903	5.981	HH	20924	722904	14.59%	0.219%
74	6.003	5.981	6.026	HH	20183	415483	8.39%	0.126%
75	6.045	6.026	6.082	HH	18457	530919	10.72%	0.161%
76	6.098	6.082	6.125	HH	18032	379217	7.66%	0.115%
77	6.144	6.125	6.157	HH	13856	253304	5.11%	0.077%
78	6.182	6.157	6.193	HH	17078	326498	6.59%	0.099%
79	6.219	6.193	6.304	HH	24191	1177531	23.77%	0.357%
80	6.336	6.304	6.355	HH	20359	455006	9.19%	0.138%
81	6.382	6.355	6.392	HH	18699	353064	7.13%	0.107%
82	6.401	6.392	6.414	HH	18380	216990	4.38%	0.066%
83	6.452	6.414	6.464	HH	26801	650270	13.13%	0.197%
84	6.480	6.464	6.509	HH	33217	626588	12.65%	0.190%
85	6.561	6.509	6.578	HH	20024	696041	14.05%	0.211%
86	6.598	6.578	6.608	HH	19191	316181	6.38%	0.096%
87	6.633	6.608	6.668	HH	23127	734877	14.84%	0.223%
88	6.686	6.668	6.729	HH	22139	706147	14.26%	0.214%
89	6.748	6.729	6.768	HH	28261	520403	10.51%	0.158%

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90	6.791	6.768	6.802	HH	24532	455640	9.20%	0.138%
91	6.816	6.802	6.831	HH	25858	407090	8.22%	0.123%
92	6.851	6.831	6.880	HH	30507	730326	14.74%	0.221%
93	6.902	6.880	6.920	HH	23808	519711	10.49%	0.158%
94	6.941	6.920	6.978	HH	28669	775288	15.65%	0.235%
95	7.004	6.978	7.037	HH	36409	947897	19.14%	0.287%
96	7.052	7.037	7.063	HH	24238	348349	7.03%	0.106%
97	7.093	7.063	7.125	HH	30371	958181	19.34%	0.291%
98	7.135	7.125	7.154	HH	26176	408122	8.24%	0.124%
99	7.175	7.154	7.229	HH	31918	1109404	22.40%	0.336%
100	7.243	7.229	7.258	HH	25330	419285	8.46%	0.127%
101	7.278	7.258	7.290	HH	24652	458335	9.25%	0.139%
102	7.349	7.290	7.378	HH	29602	1377395	27.81%	0.418%
103	7.397	7.378	7.450	HH	32777	1116211	22.53%	0.339%
104	7.499	7.450	7.544	HH	47616	1587825	32.05%	0.482%
105	7.560	7.544	7.575	HH	26626	455804	9.20%	0.138%
106	7.597	7.575	7.610	HH	26058	519659	10.49%	0.158%
107	7.647	7.610	7.675	HH	43605	1150887	23.23%	0.349%
108	7.693	7.675	7.717	HH	29580	669076	13.51%	0.203%
109	7.778	7.717	7.794	HH	32900	1268628	25.61%	0.385%
110	7.816	7.794	7.865	HH	63185	1483555	29.95%	0.450%
111	7.885	7.865	7.897	HH	33707	534869	10.80%	0.162%
112	7.912	7.897	7.936	HH	39700	759019	15.32%	0.230%
113	7.958	7.936	7.990	HH	45138	1051322	21.22%	0.319%
114	8.009	7.990	8.021	HH	31121	532074	10.74%	0.161%
115	8.032	8.021	8.055	HH	29851	558241	11.27%	0.169%
116	8.072	8.055	8.081	HH	29487	439464	8.87%	0.133%
117	8.098	8.081	8.127	HH	32550	801120	16.17%	0.243%
118	8.165	8.127	8.197	HH	32097	1193104	24.09%	0.362%
119	8.239	8.197	8.306	HH	135336	3156072	63.71%	0.957%
120	8.323	8.306	8.405	HH	42800	1925256	38.87%	0.584%
121	8.418	8.405	8.435	HH	28328	487447	9.84%	0.148%
122	8.464	8.435	8.487	HH	50431	1062910	21.46%	0.322%
123	8.498	8.487	8.511	HH	27668	364563	7.36%	0.111%
124	8.530	8.511	8.559	HH	81686	1270337	25.65%	0.385%
125	8.571	8.559	8.582	HH	31788	416052	8.40%	0.126%
126	8.599	8.582	8.615	HH	50261	740089	14.94%	0.224%
127	8.625	8.615	8.654	HH	34643	662025	13.36%	0.201%
128	8.672	8.654	8.682	HH	26255	411411	8.31%	0.125%
129	8.699	8.682	8.723	HH	34506	699491	14.12%	0.212%
130	8.749	8.723	8.782	HH	27517	888715	17.94%	0.270%
131	8.821	8.782	8.845	HH	28203	913209	18.44%	0.277%
132	8.860	8.845	8.873	HH	22919	355813	7.18%	0.108%
133	8.890	8.873	8.906	HH	23561	435298	8.79%	0.132%
134	8.920	8.906	8.947	HH	21751	513689	10.37%	0.156%
135	8.959	8.947	8.973	HH	21222	310026	6.26%	0.094%
136	8.993	8.973	9.019	HH	22724	544043	10.98%	0.165%
137	9.038	9.019	9.051	HH	17495	320773	6.48%	0.097%
138	9.061	9.051	9.069	HH	17553	191709	3.87%	0.058%
139	9.083	9.069	9.099	HH	18291	311126	6.28%	0.094%
140	9.115	9.099	9.133	HH	19083	358342	7.23%	0.109%
141	9.150	9.133	9.161	HH	18021	288581	5.83%	0.088%

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142	9.171	9.161	9.182	HH	18187	218130	4.40%	0.066%
143	9.203	9.182	9.229	HH	23269	523555	10.57%	0.159%
144	9.288	9.229	9.320	HH	27765	958482	19.35%	0.291%
145	9.336	9.320	9.345	HH	15087	211370	4.27%	0.064%
146	9.364	9.345	9.404	HH	19650	557356	11.25%	0.169%
147	9.421	9.404	9.431	HH	14821	226582	4.57%	0.069%
148	9.444	9.431	9.508	HH	15440	601879	12.15%	0.183%
149	9.527	9.508	9.542	HH	11972	231623	4.68%	0.070%
150	9.553	9.542	9.560	HH	11055	121741	2.46%	0.037%
151	9.577	9.560	9.587	HH	12199	191628	3.87%	0.058%
152	9.605	9.587	9.622	HH	12484	248251	5.01%	0.075%
153	9.645	9.622	9.676	HH	12652	371385	7.50%	0.113%
154	9.694	9.676	9.712	HH	13268	243490	4.92%	0.074%
155	9.722	9.712	9.731	HH	10177	118627	2.39%	0.036%
156	9.750	9.731	9.830	HH	10286	544913	11.00%	0.165%
157	9.862	9.830	9.882	HH	8480	245932	4.96%	0.075%
158	9.900	9.882	9.926	HH	7864	201479	4.07%	0.061%
159	9.963	9.926	9.996	HH	8069	313686	6.33%	0.095%
160	10.034	9.996	10.052	HH	7376	229644	4.64%	0.070%
161	10.076	10.052	10.149	HH	11954	474597	9.58%	0.144%
162	10.159	10.149	10.192	HH	6908	174056	3.51%	0.053%
163	10.219	10.192	10.248	HH	8015	234644	4.74%	0.071%
164	10.267	10.248	10.285	HH	7174	143569	2.90%	0.044%
165	10.300	10.285	10.317	HH	6784	125864	2.54%	0.038%
166	10.344	10.317	10.372	HH	8310	244247	4.93%	0.074%
167	10.388	10.372	10.398	HH	9644	138430	2.79%	0.042%
168	10.428	10.398	10.473	HH	10557	411296	8.30%	0.125%
169	10.495	10.473	10.525	HH	12146	280138	5.66%	0.085%
170	10.547	10.525	10.567	HH	15206	250076	5.05%	0.076%
171	10.581	10.567	10.608	HH	7521	173251	3.50%	0.053%
172	10.647	10.608	10.672	HH	8096	253947	5.13%	0.077%
173	10.698	10.672	10.713	HH	6716	159146	3.21%	0.048%
174	10.724	10.713	10.761	HH	6596	162565	3.28%	0.049%
175	10.774	10.761	10.786	HH	5513	82130	1.66%	0.025%
176	10.819	10.786	10.833	HH	6198	161273	3.26%	0.049%
177	10.844	10.833	10.870	HH	5864	121420	2.45%	0.037%
178	10.895	10.870	10.921	HH	5968	163802	3.31%	0.050%
179	10.933	10.921	10.939	HH	5259	54210	1.09%	0.016%
180	10.955	10.939	10.998	HH	5339	179451	3.62%	0.054%
181	11.009	10.998	11.033	HH	4864	102552	2.07%	0.031%
182	11.059	11.033	11.104	HH	5782	214808	4.34%	0.065%
183	11.130	11.104	11.172	HH	7438	227840	4.60%	0.069%
184	11.216	11.172	11.264	HH	9057	326401	6.59%	0.099%
185	11.297	11.264	11.314	HH	5802	156938	3.17%	0.048%
186	11.345	11.314	11.392	HH	5448	234071	4.73%	0.071%
187	11.434	11.392	11.461	HH	5451	206383	4.17%	0.063%
188	11.487	11.461	11.512	HH	5997	164575	3.32%	0.050%
189	11.524	11.512	11.545	HH	6192	110533	2.23%	0.034%
190	11.614	11.545	11.632	HH	5960	280079	5.65%	0.085%
191	11.647	11.632	11.668	HH	5525	116918	2.36%	0.035%
192	11.683	11.668	11.710	HH	5502	134502	2.72%	0.041%
193	11.728	11.710	11.748	HH	5657	120089	2.42%	0.036%
194	11.801	11.748	11.824	HH	7160	280598	5.66%	0.085%

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195	11.844	11.824	11.861	HH	8110	145311	2.93%	0.044%
196	11.871	11.861	11.902	HH	6282	140835	2.84%	0.043%
197	11.925	11.902	11.952	HH	6872	175383	3.54%	0.053%
198	11.967	11.952	11.986	HH	8765	141658	2.86%	0.043%
199	12.008	11.986	12.017	HH	6516	110805	2.24%	0.034%
200	12.031	12.017	12.054	HH	7139	140411	2.83%	0.043%
201	12.074	12.054	12.083	HH	7704	120050	2.42%	0.036%
202	12.106	12.083	12.234	HH	97337	2075721	41.90%	0.630%
203	12.254	12.234	12.304	HH	12986	367944	7.43%	0.112%
204	12.317	12.304	12.342	HH	6857	145451	2.94%	0.044%
205	12.370	12.342	12.410	HH	9819	285034	5.75%	0.086%
206	12.437	12.410	12.462	HH	8589	216637	4.37%	0.066%
207	12.476	12.462	12.499	HH	6244	132733	2.68%	0.040%
208	12.538	12.499	12.570	HH	6927	268569	5.42%	0.081%
209	12.583	12.570	12.616	HH	6223	166999	3.37%	0.051%
210	12.625	12.616	12.669	HH	5940	177039	3.57%	0.054%
211	12.692	12.669	12.718	HH	6229	170631	3.44%	0.052%
212	12.730	12.718	12.775	HH	6066	199531	4.03%	0.061%
213	12.807	12.775	12.840	HH	6829	253702	5.12%	0.077%
214	12.863	12.840	12.918	HH	9269	347420	7.01%	0.105%
215	12.928	12.918	12.952	HH	6648	129232	2.61%	0.039%
216	12.964	12.952	12.976	HH	6346	89665	1.81%	0.027%
217	12.987	12.976	13.027	HH	6633	186517	3.77%	0.057%
218	13.050	13.027	13.065	HH	7698	156420	3.16%	0.047%
219	13.099	13.065	13.135	HH	7508	291622	5.89%	0.088%
220	13.165	13.135	13.177	HH	7361	173243	3.50%	0.053%
221	13.204	13.177	13.218	HH	8078	193422	3.90%	0.059%
222	13.240	13.218	13.300	HH	8652	386836	7.81%	0.117%
223	13.330	13.300	13.421	HH	25427	903133	18.23%	0.274%
224	13.435	13.421	13.449	HH	8573	141583	2.86%	0.043%
225	13.460	13.449	13.517	HH	8090	313709	6.33%	0.095%
226	13.538	13.517	13.552	HH	7262	150412	3.04%	0.046%
227	13.582	13.552	13.595	HH	8722	203035	4.10%	0.062%
228	13.605	13.595	13.616	HH	8988	109574	2.21%	0.033%
229	13.635	13.616	13.662	HH	10356	242075	4.89%	0.073%
230	13.676	13.662	13.712	HH	7473	215120	4.34%	0.065%
231	13.778	13.712	13.812	HH	7526	427955	8.64%	0.130%
232	13.862	13.812	13.886	HH	7773	333126	6.73%	0.101%
233	13.905	13.886	13.916	HH	7618	133073	2.69%	0.040%
234	13.934	13.916	13.980	HH	7693	284928	5.75%	0.086%
235	14.002	13.980	14.020	HH	7840	182361	3.68%	0.055%
236	14.067	14.020	14.122	HH	11809	552954	11.16%	0.168%
237	14.138	14.122	14.175	HH	8706	263626	5.32%	0.080%
238	14.199	14.175	14.228	HH	11275	274983	5.55%	0.083%
239	14.255	14.228	14.298	HH	9428	356069	7.19%	0.108%
240	14.330	14.298	14.342	HH	8842	220419	4.45%	0.067%
241	14.382	14.342	14.419	HH	9239	411552	8.31%	0.125%
242	14.442	14.419	14.468	HH	9247	259830	5.25%	0.079%
243	14.487	14.468	14.504	HH	9334	194737	3.93%	0.059%
244	14.539	14.504	14.602	HH	258856	3510680	70.87%	1.065%
245	14.622	14.602	14.668	HH	11379	417154	8.42%	0.127%
246	14.697	14.668	14.712	HH	11839	278956	5.63%	0.085%

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247	14.739	14.712	14.759	HH	17826	384478	7.76%	0.117%
248	14.772	14.759	14.790	HH	13306	220617	4.45%	0.067%
249	14.802	14.790	14.839	HH	10918	304373	6.14%	0.092%
250	14.869	14.839	14.879	HH	10570	240294	4.85%	0.073%
251	14.894	14.879	14.922	HH	10717	263340	5.32%	0.080%
252	14.933	14.922	14.962	HH	10126	240973	4.86%	0.073%
253	15.037	14.962	15.108	HH	13566	1040791	21.01%	0.316%
254	15.136	15.108	15.237	HH	115594	2736605	55.25%	0.830%
255	15.259	15.237	15.276	HH	19341	375724	7.59%	0.114%
256	15.292	15.276	15.307	HH	18040	299467	6.05%	0.091%
257	15.326	15.307	15.359	HH	24188	532219	10.74%	0.161%
258	15.389	15.359	15.428	HH	13364	527815	10.66%	0.160%
259	15.470	15.428	15.492	HH	13431	501682	10.13%	0.152%
260	15.517	15.492	15.531	HH	13669	309915	6.26%	0.094%
261	15.563	15.531	15.594	HH	14416	530197	10.70%	0.161%
262	15.669	15.594	15.702	HH	18587	997254	20.13%	0.302%
263	15.724	15.702	15.738	HH	16779	352648	7.12%	0.107%
264	15.761	15.738	15.783	HH	24053	503174	10.16%	0.153%
265	15.805	15.783	15.824	HH	18209	418121	8.44%	0.127%
266	15.833	15.824	15.875	HH	17204	499793	10.09%	0.152%
267	15.893	15.875	15.910	HH	16683	339993	6.86%	0.103%
268	15.939	15.910	15.981	HH	17784	727288	14.68%	0.221%
269	16.051	15.981	16.095	HH	21439	1284813	25.94%	0.390%
270	16.114	16.095	16.125	HH	19016	335280	6.77%	0.102%
271	16.159	16.125	16.222	HH	32517	1364062	27.54%	0.414%
272	16.244	16.222	16.268	HH	31981	685104	13.83%	0.208%
273	16.315	16.268	16.366	HH	24600	1267437	25.59%	0.384%
274	16.375	16.366	16.381	HH	20911	190535	3.85%	0.058%
275	16.442	16.381	16.458	HH	23926	1030318	20.80%	0.312%
276	16.470	16.458	16.494	HH	23559	491901	9.93%	0.149%
277	16.506	16.494	16.529	HH	23206	475930	9.61%	0.144%
278	16.594	16.529	16.620	HH	24699	1286857	25.98%	0.390%
279	16.711	16.620	16.744	HH	41793	2094214	42.28%	0.635%
280	16.763	16.744	16.779	HH	27183	544248	10.99%	0.165%
281	16.798	16.779	16.844	HH	27731	1042111	21.04%	0.316%
282	16.947	16.844	16.971	HH	31607	2157700	43.56%	0.654%
283	17.026	16.971	17.045	HH	31105	1292988	26.10%	0.392%
284	17.064	17.045	17.074	HH	30909	530710	10.71%	0.161%
285	17.104	17.074	17.137	HH	43005	1384471	27.95%	0.420%
286	17.163	17.137	17.212	HH	53424	1620503	32.71%	0.491%
287	17.228	17.212	17.242	HH	33069	586396	11.84%	0.178%
288	17.263	17.242	17.308	HH	35014	1276875	25.78%	0.387%
289	17.324	17.308	17.339	HH	32084	590141	11.91%	0.179%
290	17.367	17.339	17.404	HH	34137	1264173	25.52%	0.383%
291	17.443	17.404	17.467	HH	33627	1222738	24.68%	0.371%
292	17.493	17.467	17.519	HH	35158	1066218	21.52%	0.323%
293	17.568	17.519	17.577	HH	38540	1256599	25.37%	0.381%
294	17.599	17.577	17.623	HH	54453	1189761	24.02%	0.361%
295	17.638	17.623	17.660	HH	38539	817024	16.49%	0.248%
296	17.704	17.660	17.713	HH	39025	1198360	24.19%	0.363%
297	17.732	17.713	17.749	HH	48866	921931	18.61%	0.280%
298	17.762	17.749	17.782	HH	42978	800037	16.15%	0.243%
299	17.791	17.782	17.812	HH	39993	702853	14.19%	0.213%

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300	17.839	17.812	17.859	HH	40604	1117599	22.56%	0.339%
301	17.875	17.859	17.891	HH	38757	729093	14.72%	0.221%
302	17.933	17.891	17.952	HH	46122	1503670	30.36%	0.456%
303	17.977	17.952	18.006	HH	83224	2051290	41.41%	0.622%
304	18.023	18.006	18.057	HH	62606	1544354	31.18%	0.468%
305	18.100	18.057	18.151	HH	57088	2504825	50.57%	0.760%
306	18.184	18.151	18.202	HH	42016	1239188	25.02%	0.376%
307	18.231	18.202	18.244	HH	41868	1035311	20.90%	0.314%
308	18.256	18.244	18.271	HH	42570	695987	14.05%	0.211%
309	18.289	18.271	18.315	HH	43150	1105576	22.32%	0.335%
310	18.326	18.315	18.370	HH	42924	1377437	27.81%	0.418%
311	18.428	18.370	18.475	HH	67403	3072158	62.02%	0.932%
312	18.485	18.475	18.495	HH	44463	527737	10.65%	0.160%
313	18.525	18.495	18.555	HH	53429	1728093	34.89%	0.524%
314	18.574	18.555	18.598	HH	51637	1244116	25.12%	0.377%
315	18.605	18.598	18.616	HH	47288	499518	10.08%	0.151%
316	18.627	18.616	18.658	HH	47001	1153460	23.29%	0.350%
317	18.708	18.658	18.751	HH	48341	2613359	52.76%	0.793%
318	18.815	18.751	18.898	HH	70524	4953452	100.00%	1.502%
319	18.924	18.898	18.943	HH	54429	1387799	28.02%	0.421%
320	18.962	18.943	18.991	HH	52751	1488484	30.05%	0.451%
321	19.006	18.991	19.026	HH	52044	1070293	21.61%	0.325%
322	19.037	19.026	19.055	HH	51112	861727	17.40%	0.261%
323	19.083	19.055	19.141	HH	53785	2648320	53.46%	0.803%
324	19.169	19.141	19.192	HH	52639	1568122	31.66%	0.476%
325	19.237	19.192	19.278	HH	57069	2779800	56.12%	0.843%
326	19.329	19.278	19.378	HH	58955	3247694	65.56%	0.985%
327	19.416	19.378	19.431	HH	54855	1728503	34.89%	0.524%
328	19.449	19.431	19.464	HH	55835	1072801	21.66%	0.325%
329	19.507	19.464	19.539	HH	56904	2498723	50.44%	0.758%
330	19.589	19.539	19.611	HH	67040	2617047	52.83%	0.794%
331	19.631	19.611	19.671	HH	61504	2116880	42.74%	0.642%
332	19.685	19.671	19.702	HH	57311	1051517	21.23%	0.319%
333	19.748	19.702	19.796	HH	60215	3293998	66.50%	0.999%
334	19.829	19.796	19.845	HH	61997	1772195	35.78%	0.537%
335	19.865	19.845	19.907	HH	61985	2246229	45.35%	0.681%
336	19.956	19.907	19.981	HH	63344	2734267	55.20%	0.829%
337	20.006	19.981	20.033	HH	64754	1974620	39.86%	0.599%
338	20.096	20.033	20.108	HH	63397	2771081	55.94%	0.840%
339	20.127	20.108	20.141	HH	64616	1275536	25.75%	0.387%
340	20.153	20.141	20.197	HH	65356	2123838	42.88%	0.644%
341	20.219	20.197	20.241	HH	64552	1714512	34.61%	0.520%
342	20.250	20.241	20.265	HH	64435	920733	18.59%	0.279%
343	20.276	20.265	20.281	HH	64013	611173	12.34%	0.185%
344	20.317	20.281	20.332	HH	67719	1990224	40.18%	0.604%
345	20.360	20.332	20.382	HH	67788	1987851	40.13%	0.603%
346	20.415	20.382	20.442	HH	68232	2389583	48.24%	0.725%
347	20.468	20.442	20.507	HH	68561	2629354	53.08%	0.797%
348	20.530	20.507	20.565	HH	66556	2270718	45.84%	0.689%
349	20.574	20.565	20.598	HH	64568	1249034	25.22%	0.379%
350	20.609	20.598	20.663	HH	65048	2520112	50.88%	0.764%
351	20.678	20.663	20.697	HH	64364	1318578	26.62%	0.400%

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352	20.717	20.697	20.735	HH	63400	1421005	28.69%	0.431%
353	20.744	20.735	20.765	HH	62709	1132027	22.85%	0.343%
354	20.790	20.765	20.811	HH	62635	1698571	34.29%	0.515%
355	20.822	20.811	20.829	HH	62066	673585	13.60%	0.204%
356	20.838	20.829	20.855	HH	62035	951859	19.22%	0.289%
357	20.876	20.855	20.915	HH	62429	2199343	44.40%	0.667%
358	20.928	20.915	20.938	HH	62126	846019	17.08%	0.257%
359	20.971	20.938	21.031	HH	64099	3422383	69.09%	1.038%
360	21.074	21.031	21.088	HH	61558	2085716	42.11%	0.633%
361	21.099	21.088	21.131	HH	60133	1519433	30.67%	0.461%
362	21.141	21.131	21.185	HH	59056	1888687	38.13%	0.573%
363	21.193	21.185	21.245	HH	58464	2072384	41.84%	0.629%
364	21.259	21.245	21.290	HH	57869	1560769	31.51%	0.473%
365	21.307	21.290	21.412	HH	58358	4093867	82.65%	1.242%
366	21.430	21.412	21.445	HH	55952	1109973	22.41%	0.337%
367	21.459	21.445	21.490	HH	56058	1513894	30.56%	0.459%
368	21.521	21.490	21.622	HH	58328	4368853	88.20%	1.325%
369	21.630	21.622	21.648	HH	53878	843098	17.02%	0.256%
370	21.662	21.648	21.689	HH	53532	1320756	26.66%	0.401%
371	21.699	21.689	21.746	HH	53203	1785493	36.05%	0.542%
372	21.766	21.746	21.808	HH	53164	1943834	39.24%	0.590%
373	21.830	21.808	21.869	HH	52917	1896530	38.29%	0.575%
374	21.879	21.869	21.885	HH	51210	503488	10.16%	0.153%
375	21.893	21.885	21.948	HH	51301	1917518	38.71%	0.582%
376	22.011	21.948	22.049	HH	51446	3072828	62.03%	0.932%
377	22.058	22.049	22.076	HH	50606	797529	16.10%	0.242%
378	22.099	22.076	22.156	HH	50585	2379560	48.04%	0.722%
379	22.166	22.156	22.186	HH	49396	887872	17.92%	0.269%
380	22.203	22.186	22.211	HH	49817	728925	14.72%	0.221%
381	22.248	22.211	22.298	HH	51177	2580660	52.10%	0.783%
382	22.308	22.298	22.333	HH	48281	1018027	20.55%	0.309%
383	22.350	22.333	22.392	HH	48393	1689433	34.11%	0.512%
384	22.408	22.392	22.438	HH	47935	1294337	26.13%	0.393%
385	22.447	22.438	22.472	HH	47449	959890	19.38%	0.291%
386	22.503	22.472	22.527	HH	46989	1517225	30.63%	0.460%
387	22.552	22.527	22.571	HH	46523	1235358	24.94%	0.375%
388	22.590	22.571	22.602	HH	46784	848600	17.13%	0.257%
389	22.614	22.602	22.626	HH	47577	664034	13.41%	0.201%
390	22.631	22.626	22.662	HH	46485	982423	19.83%	0.298%
391	22.679	22.662	22.691	HH	45328	799927	16.15%	0.243%
392	22.706	22.691	22.716	HH	45078	664081	13.41%	0.201%
393	22.720	22.716	22.735	HH	45018	509860	10.29%	0.155%
394	22.744	22.735	22.758	HH	44950	620096	12.52%	0.188%
395	22.769	22.758	22.798	HH	44799	1064490	21.49%	0.323%
396	22.823	22.798	22.837	HH	44555	1035602	20.91%	0.314%
397	22.848	22.837	22.874	HH	44377	964151	19.46%	0.292%
398	22.911	22.874	22.926	HH	43987	1351533	27.28%	0.410%
399	22.960	22.926	22.966	HH	43519	1045254	21.10%	0.317%
400	22.975	22.966	23.027	HH	43419	1560136	31.50%	0.473%
401	23.072	23.027	23.085	HH	45119	1533480	30.96%	0.465%
402	23.090	23.085	23.134	HH	44808	1277184	25.78%	0.387%
403	23.147	23.134	23.185	HH	43304	1289464	26.03%	0.391%
404	23.220	23.185	23.235	HH	42349	1268735	25.61%	0.385%

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405	23.243	23.235	23.265	HH	42090	754625	15.23%	0.229%
406	23.277	23.265	23.288	HH	42394	587482	11.86%	0.178%
407	23.305	23.288	23.385	HH	42312	2376414	47.97%	0.721%
408	23.396	23.385	23.440	HH	40547	1344703	27.15%	0.408%
409	23.451	23.440	23.472	HH	40900	770705	15.56%	0.234%
410	23.483	23.472	23.509	HH	40991	890677	17.98%	0.270%
411	23.519	23.509	23.537	HH	40392	667419	13.47%	0.202%
412	23.562	23.537	23.603	HH	40386	1585958	32.02%	0.481%
413	23.623	23.603	23.647	HH	40046	1057328	21.35%	0.321%
414	23.659	23.647	23.745	HH	40237	2310136	46.64%	0.701%
415	23.786	23.745	23.794	HH	38940	1136545	22.94%	0.345%
416	23.810	23.794	23.883	HH	39003	2043399	41.25%	0.620%
417	23.894	23.883	23.904	HH	38131	492535	9.94%	0.149%
418	23.949	23.904	23.970	HH	38858	1508068	30.44%	0.457%
419	24.059	23.970	24.135	HH	40728	3859743	77.92%	1.171%
420	24.144	24.135	24.202	HHA	37967	1517856	30.64%	0.460%

Sum of corrected areas: 329728753

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