

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042821\
 Data File : FE033673.D
 Signal(s) : FID1B.CH
 Acq On : 28 Apr 2021 17:44
 Sample : M2196-05MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE042221.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.427	2.393	2.524	PH	668225	5175068	41.17%	0.975%
2	2.527	2.524	2.546	PH	67	-573	-0.00%	-0.000%
3	2.551	2.546	2.567	PH	-63	-3509	-0.03%	-0.001%
4	2.580	2.567	2.627	PH	1482	-3790	-0.03%	-0.001%
5	2.643	2.627	2.674	PH	13891	86482	0.69%	0.016%
6	2.692	2.674	2.738	PH	365	-33696	-0.27%	-0.006%
7	2.747	2.738	2.759	PH	-1350	-21223	-0.17%	-0.004%
8	2.771	2.759	2.803	PH	-1235	-51837	-0.41%	-0.010%
9	2.808	2.803	2.818	PH	-2499	-22743	-0.18%	-0.004%
10	2.821	2.818	2.844	PH	-2496	-41560	-0.33%	-0.008%
11	2.849	2.844	2.853	PH	-2726	-14295	-0.11%	-0.003%
12	2.873	2.853	2.887	PH	-1520	-47439	-0.38%	-0.009%
13	2.893	2.887	2.925	PH	-2661	-71319	-0.57%	-0.013%
14	2.934	2.925	2.940	PH	-3290	-30265	-0.24%	-0.006%
15	2.960	2.940	2.996	PH	5403	-19332	-0.15%	-0.004%
16	3.005	2.996	3.009	PH	-3083	-24633	-0.20%	-0.005%
17	3.019	3.009	3.028	PH	-2683	-32268	-0.26%	-0.006%
18	3.033	3.028	3.036	PH	-2976	-15995	-0.13%	-0.003%
19	3.047	3.036	3.074	PH	-2356	-66668	-0.53%	-0.013%
20	3.084	3.074	3.099	PH	-3076	-51786	-0.41%	-0.010%
21	3.115	3.099	3.125	PH	-2607	-47396	-0.38%	-0.009%
22	3.134	3.125	3.151	PH	-2756	-48575	-0.39%	-0.009%
23	3.165	3.151	3.172	PH	-2669	-38718	-0.31%	-0.007%
24	3.181	3.172	3.189	PH	-2031	-25516	-0.20%	-0.005%
25	3.199	3.189	3.230	PH	-1811	-68548	-0.55%	-0.013%
26	3.250	3.230	3.261	PH	-3417	-68874	-0.55%	-0.013%
27	3.274	3.261	3.287	PH	-3560	-58194	-0.46%	-0.011%
28	3.300	3.287	3.337	PH	-1160	-99794	-0.79%	-0.019%
29	3.341	3.337	3.357	PH	-4341	-54796	-0.44%	-0.010%
30	3.370	3.357	3.384	PH	-4177	-69523	-0.55%	-0.013%
31	3.420	3.384	3.432	PH	-2461	-112853	-0.90%	-0.021%
32	3.447	3.432	3.460	PH	-2757	-58237	-0.46%	-0.011%
33	3.474	3.460	3.504	PH	-3319	-100501	-0.80%	-0.019%
34	3.521	3.504	3.536	PH	-2969	-70349	-0.56%	-0.013%
35	3.547	3.536	3.558	PH	-3850	-51835	-0.41%	-0.010%
36	3.568	3.558	3.590	PH	-2931	-68339	-0.54%	-0.013%

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37	3.596	3.590	3.607	PH	-3710	-38942	-0.31%	-0.007%
38	3.613	3.607	3.641	PH	-3766	-79936	-0.64%	-0.015%
39	3.656	3.641	3.668	PH	-3977	-66180	-0.53%	-0.012%
40	3.686	3.668	3.703	PH	-2513	-70695	-0.56%	-0.013%
41	3.708	3.703	3.728	PH	-3793	-65624	-0.52%	-0.012%
42	3.738	3.728	3.770	PH	-4498	-123294	-0.98%	-0.023%
43	3.787	3.770	3.811	PH	-3311	-108565	-0.86%	-0.020%
44	3.825	3.811	3.838	PH	-3609	-69007	-0.55%	-0.013%
45	3.858	3.838	3.876	PH	-3782	-100511	-0.80%	-0.019%
46	3.881	3.876	3.893	PH	-5007	-51563	-0.41%	-0.010%
47	3.909	3.893	3.942	PH	-2777	-134233	-1.07%	-0.025%
48	3.957	3.942	3.974	PH	-4027	-93437	-0.74%	-0.018%
49	3.993	3.974	4.044	PH	-2045	-190963	-1.52%	-0.036%
50	4.064	4.044	4.098	PH	51566	346667	2.76%	0.065%
51	4.116	4.098	4.136	PH	-812	-55787	-0.44%	-0.011%
52	4.142	4.136	4.163	PH	-3808	-67743	-0.54%	-0.013%
53	4.173	4.163	4.199	PH	-3822	-101182	-0.80%	-0.019%
54	4.222	4.199	4.235	PH	17180	81646	0.65%	0.015%
55	4.243	4.235	4.271	HH	7893	26956	0.21%	0.005%
56	4.283	4.271	4.304	PH	-3364	-79733	-0.63%	-0.015%
57	4.322	4.304	4.363	PH	-3291	-165423	-1.32%	-0.031%
58	4.393	4.363	4.412	PH	-4069	-142920	-1.14%	-0.027%
59	4.437	4.412	4.449	PH	-3356	-90532	-0.72%	-0.017%
60	4.475	4.449	4.505	PH	648610	5806610	46.19%	1.094%
61	4.521	4.505	4.538	PH	2587	-24030	-0.19%	-0.005%
62	4.549	4.538	4.563	PH	-3337	-58051	-0.46%	-0.011%
63	4.580	4.563	4.601	PH	-2730	-89833	-0.71%	-0.017%
64	4.622	4.601	4.645	PH	283	-66605	-0.53%	-0.013%
65	4.675	4.645	4.688	PH	-1718	-83221	-0.66%	-0.016%
66	4.694	4.688	4.711	PH	-3106	-48121	-0.38%	-0.009%
67	4.725	4.711	4.742	PH	-1704	-61860	-0.49%	-0.012%
68	4.757	4.742	4.768	PH	-2760	-55816	-0.44%	-0.011%
69	4.779	4.768	4.793	PH	-2937	-52085	-0.41%	-0.010%
70	4.805	4.793	4.818	PH	-1779	-45027	-0.36%	-0.008%
71	4.847	4.818	4.866	PH	-2039	-93303	-0.74%	-0.018%
72	4.884	4.866	4.909	PH	-1103	-73773	-0.59%	-0.014%
73	4.927	4.909	4.934	PH	-2784	-48713	-0.39%	-0.009%
74	4.948	4.934	4.971	PH	-600	-53721	-0.43%	-0.010%
75	5.017	4.971	5.027	PH	-2296	-96296	-0.77%	-0.018%
76	5.037	5.027	5.050	PH	-1975	-34282	-0.27%	-0.006%
77	5.067	5.050	5.072	PH	-2208	-33673	-0.27%	-0.006%
78	5.097	5.072	5.109	PH	-692	-35181	-0.28%	-0.007%
79	5.115	5.109	5.147	PH	-1608	-65438	-0.52%	-0.012%
80	5.166	5.147	5.178	PH	-1619	-53788	-0.43%	-0.010%
81	5.191	5.178	5.204	PH	-326	-28833	-0.23%	-0.005%
82	5.213	5.204	5.230	PH	-1926	-42458	-0.34%	-0.008%
83	5.241	5.230	5.255	PH	-3018	-53288	-0.42%	-0.010%
84	5.276	5.255	5.290	PH	-3761	-82726	-0.66%	-0.016%
85	5.324	5.290	5.346	PH	790	-77213	-0.61%	-0.015%
86	5.381	5.346	5.394	PH	-61	-61327	-0.49%	-0.012%
87	5.400	5.394	5.414	PH	-1592	-28786	-0.23%	-0.005%
88	5.430	5.414	5.451	PH	-2436	-66687	-0.53%	-0.013%
89	5.456	5.451	5.480	PH	-3508	-65842	-0.52%	-0.012%

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90	5.507	5.480	5.523	PH	3766	-13773	-0.11%	-0.003%
91	5.538	5.523	5.559	PH	1628	-10427	-0.08%	-0.002%
92	5.574	5.559	5.590	PH	-2123	-47847	-0.38%	-0.009%
93	5.607	5.590	5.635	PH	-374	-59792	-0.48%	-0.011%
94	5.643	5.635	5.654	PH	-3036	-34690	-0.28%	-0.007%
95	5.672	5.654	5.679	PH	-1062	-31514	-0.25%	-0.006%
96	5.693	5.679	5.715	PH	2236	-9036	-0.07%	-0.002%
97	5.721	5.715	5.729	PH	-2796	-24090	-0.19%	-0.005%
98	5.740	5.729	5.772	PH	-2511	-70194	-0.56%	-0.013%
99	5.792	5.772	5.828	PH	775	-38551	-0.31%	-0.007%
100	5.846	5.828	5.865	PH	1136	-28128	-0.22%	-0.005%
101	5.884	5.865	5.901	PH	3411	1623	0.01%	0.000%
102	5.912	5.901	5.941	PH	-696	-46211	-0.37%	-0.009%
103	5.961	5.941	5.984	PH	-1162	-62968	-0.50%	-0.012%
104	6.009	5.984	6.029	PH	-411	-42994	-0.34%	-0.008%
105	6.058	6.029	6.077	PH	4492	24687	0.20%	0.005%
106	6.084	6.077	6.092	PH	-1416	-14171	-0.11%	-0.003%
107	6.113	6.092	6.138	PH	3377	3164	0.03%	0.001%
108	6.160	6.138	6.174	PH	-387	-26383	-0.21%	-0.005%
109	6.198	6.174	6.219	PH	2905	6911	0.05%	0.001%
110	6.234	6.219	6.259	PH	-326	-23696	-0.19%	-0.004%
111	6.274	6.259	6.285	PH	-427	-14699	-0.12%	-0.003%
112	6.299	6.285	6.313	PH	-102	-9689	-0.08%	-0.002%
113	6.329	6.313	6.348	PH	1172	-4091	-0.03%	-0.001%
114	6.367	6.348	6.385	PH	372	-15160	-0.12%	-0.003%
115	6.426	6.385	6.457	PH	1442	-7696	-0.06%	-0.001%
116	6.488	6.457	6.533	PH	625152	6127985	48.75%	1.154%
117	6.578	6.533	6.594	PH	-287	-39632	-0.32%	-0.007%
118	6.606	6.594	6.613	PH	-623	-8924	-0.07%	-0.002%
119	6.634	6.613	6.654	PH	3134	23468	0.19%	0.004%
120	6.681	6.654	6.700	PH	2627	19036	0.15%	0.004%
121	6.709	6.700	6.730	PH	-715	-20618	-0.16%	-0.004%
122	6.759	6.730	6.781	PH	1428	-7360	-0.06%	-0.001%
123	6.811	6.781	6.843	PH	2810	27533	0.22%	0.005%
124	6.890	6.843	6.909	PH	2294	9445	0.08%	0.002%
125	6.953	6.909	6.973	PH	2205	11909	0.09%	0.002%
126	6.990	6.973	7.002	PH	2512	24919	0.20%	0.005%
127	7.013	7.002	7.029	HH	2339	24480	0.19%	0.005%
128	7.047	7.029	7.076	HH	2882	34603	0.28%	0.007%
129	7.117	7.076	7.130	PH	4320	60917	0.48%	0.011%
130	7.137	7.130	7.167	HH	2928	28918	0.23%	0.005%
131	7.188	7.167	7.202	PH	10282	106406	0.85%	0.020%
132	7.210	7.202	7.231	HH	4123	42384	0.34%	0.008%
133	7.248	7.231	7.268	HH	4087	44225	0.35%	0.008%
134	7.291	7.268	7.309	HH	3121	39920	0.32%	0.008%
135	7.318	7.309	7.351	HH	838	11858	0.09%	0.002%
136	7.409	7.351	7.440	PH	6639	144057	1.15%	0.027%
137	7.460	7.440	7.478	HH	2708	41103	0.33%	0.008%
138	7.500	7.478	7.513	HH	2492	43550	0.35%	0.008%
139	7.525	7.513	7.533	HH	2394	26653	0.21%	0.005%
140	7.545	7.533	7.559	HH	2544	33322	0.27%	0.006%
141	7.588	7.559	7.618	HH	5389	120175	0.96%	0.023%

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142	7.636	7.618	7.655	HH	2662	42621	0.34%	0.008%
143	7.668	7.655	7.681	HH	2000	22296	0.18%	0.004%
144	7.705	7.681	7.731	HH	4015	88424	0.70%	0.017%
145	7.749	7.731	7.782	HH	4576	84478	0.67%	0.016%
146	7.794	7.782	7.802	HH	1785	19249	0.15%	0.004%
147	7.837	7.802	7.861	HH	5854	156251	1.24%	0.029%
148	7.869	7.861	7.874	HH	3488	26367	0.21%	0.005%
149	7.887	7.874	7.906	HH	3820	61246	0.49%	0.012%
150	7.928	7.906	7.947	HH	3308	67438	0.54%	0.013%
151	7.976	7.947	7.997	HH	5856	117637	0.94%	0.022%
152	8.023	7.997	8.061	HH	6107	173449	1.38%	0.033%
153	8.067	8.061	8.075	HH	2947	22934	0.18%	0.004%
154	8.102	8.075	8.121	HH	15133	225905	1.80%	0.043%
155	8.133	8.121	8.146	HH	5545	73690	0.59%	0.014%
156	8.165	8.146	8.183	HH	5550	109443	0.87%	0.021%
157	8.192	8.183	8.200	HH	4582	44115	0.35%	0.008%
158	8.212	8.200	8.223	HH	5548	68677	0.55%	0.013%
159	8.249	8.223	8.261	HH	57219	692730	5.51%	0.130%
160	8.284	8.261	8.313	HH	625727	6684142	53.17%	1.259%
161	8.342	8.313	8.373	HH	44721	622846	4.95%	0.117%
162	8.396	8.373	8.422	HH	10785	221178	1.76%	0.042%
163	8.448	8.422	8.465	HH	10592	179156	1.43%	0.034%
164	8.471	8.465	8.485	HH	5440	60467	0.48%	0.011%
165	8.507	8.485	8.520	HH	6242	113549	0.90%	0.021%
166	8.535	8.520	8.547	HH	6156	89429	0.71%	0.017%
167	8.570	8.547	8.600	HH	7136	175465	1.40%	0.033%
168	8.639	8.600	8.658	HH	9473	205978	1.64%	0.039%
169	8.674	8.658	8.679	HH	6431	74809	0.60%	0.014%
170	8.690	8.679	8.715	HH	6771	128509	1.02%	0.024%
171	8.747	8.715	8.767	HH	14493	259599	2.07%	0.049%
172	8.785	8.767	8.794	HH	6689	99561	0.79%	0.019%
173	8.816	8.794	8.840	HH	17925	303210	2.41%	0.057%
174	8.850	8.840	8.871	HH	6363	108811	0.87%	0.020%
175	8.887	8.871	8.911	HH	9138	173749	1.38%	0.033%
176	8.929	8.911	8.949	HH	9338	164664	1.31%	0.031%
177	8.963	8.949	8.988	HH	7092	140372	1.12%	0.026%
178	9.031	8.988	9.060	HH	10506	316931	2.52%	0.060%
179	9.081	9.060	9.092	HH	17034	240815	1.92%	0.045%
180	9.102	9.092	9.123	HH	15736	216108	1.72%	0.041%
181	9.139	9.123	9.173	HH	8494	217901	1.73%	0.041%
182	9.193	9.173	9.210	HH	6560	130977	1.04%	0.025%
183	9.219	9.210	9.229	HH	5588	63473	0.50%	0.012%
184	9.256	9.229	9.275	HH	7987	172013	1.37%	0.032%
185	9.300	9.275	9.322	HH	6354	156617	1.25%	0.030%
186	9.339	9.322	9.355	HH	6191	110020	0.88%	0.021%
187	9.392	9.355	9.411	HH	7942	209579	1.67%	0.039%
188	9.430	9.411	9.454	HH	9639	182842	1.45%	0.034%
189	9.476	9.454	9.493	HH	11040	196326	1.56%	0.037%
190	9.499	9.493	9.529	HH	8227	149970	1.19%	0.028%
191	9.556	9.529	9.584	HH	10357	246327	1.96%	0.046%
192	9.625	9.584	9.642	HH	7009	223839	1.78%	0.042%
193	9.658	9.642	9.694	HH	7864	208375	1.66%	0.039%
194	9.717	9.694	9.744	HH	6801	183821	1.46%	0.035%

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195	9.758	9.744	9.776	HH	5942	110328	0.88%	0.021%
196	9.800	9.776	9.831	HH	8190	235836	1.88%	0.044%
197	9.846	9.831	9.854	HH	7792	107039	0.85%	0.020%
198	9.885	9.854	9.934	HH	584775	6715985	53.43%	1.265%
199	9.947	9.934	9.972	HH	7279	160854	1.28%	0.030%
200	9.989	9.972	10.014	HH	8051	177669	1.41%	0.033%
201	10.033	10.014	10.044	HH	8164	130635	1.04%	0.025%
202	10.063	10.044	10.108	HH	9313	282618	2.25%	0.053%
203	10.117	10.108	10.140	HH	6517	120996	0.96%	0.023%
204	10.159	10.140	10.176	HH	7256	140118	1.11%	0.026%
205	10.221	10.176	10.244	HH	9459	299572	2.38%	0.056%
206	10.270	10.244	10.296	HH	13705	303898	2.42%	0.057%
207	10.326	10.296	10.343	HH	11714	267936	2.13%	0.050%
208	10.356	10.343	10.382	HH	11509	223072	1.77%	0.042%
209	10.402	10.382	10.410	HH	11252	166260	1.32%	0.031%
210	10.415	10.410	10.450	HH	10950	218183	1.74%	0.041%
211	10.473	10.450	10.483	HH	10171	172801	1.37%	0.033%
212	10.507	10.483	10.520	HH	11963	237605	1.89%	0.045%
213	10.530	10.520	10.547	HH	11187	172106	1.37%	0.032%
214	10.554	10.547	10.585	HH	10258	224193	1.78%	0.042%
215	10.621	10.585	10.661	HH	14358	504684	4.01%	0.095%
216	10.692	10.661	10.729	HH	17490	515656	4.10%	0.097%
217	10.760	10.729	10.809	HH	20278	597898	4.76%	0.113%
218	10.879	10.809	10.920	HH	29284	917425	7.30%	0.173%
219	10.954	10.920	10.975	HH	16756	414079	3.29%	0.078%
220	10.990	10.975	11.005	HH	11083	191941	1.53%	0.036%
221	11.014	11.005	11.033	HH	11347	182097	1.45%	0.034%
222	11.049	11.033	11.060	HH	10760	174400	1.39%	0.033%
223	11.067	11.060	11.072	HH	10474	71946	0.57%	0.014%
224	11.100	11.072	11.117	HH	13414	311151	2.48%	0.059%
225	11.132	11.117	11.145	HH	11049	174609	1.39%	0.033%
226	11.172	11.145	11.176	HH	12287	214087	1.70%	0.040%
227	11.180	11.176	11.211	HH	12328	238188	1.89%	0.045%
228	11.230	11.211	11.247	HH	11839	245146	1.95%	0.046%
229	11.270	11.247	11.292	HH	13061	327818	2.61%	0.062%
230	11.329	11.292	11.386	HH	573657	7091790	56.42%	1.336%
231	11.414	11.386	11.454	HH	17855	574637	4.57%	0.108%
232	11.478	11.454	11.495	HH	13315	299767	2.38%	0.056%
233	11.520	11.495	11.551	HH	14870	441402	3.51%	0.083%
234	11.580	11.551	11.605	HH	15145	444925	3.54%	0.084%
235	11.619	11.605	11.657	HH	13505	408261	3.25%	0.077%
236	11.682	11.657	11.698	HH	17246	352287	2.80%	0.066%
237	11.715	11.698	11.731	HH	18874	313981	2.50%	0.059%
238	11.744	11.731	11.762	HH	15590	268752	2.14%	0.051%
239	11.780	11.762	11.786	HH	15329	203749	1.62%	0.038%
240	11.799	11.786	11.815	HH	17180	272675	2.17%	0.051%
241	11.831	11.815	11.846	HH	18624	308493	2.45%	0.058%
242	11.863	11.846	11.899	HH	18849	492554	3.92%	0.093%
243	11.940	11.899	11.956	HH	15399	472798	3.76%	0.089%
244	11.981	11.956	12.015	HH	17480	560800	4.46%	0.106%
245	12.044	12.015	12.056	HH	16803	386940	3.08%	0.073%
246	12.092	12.056	12.127	HH	17939	696612	5.54%	0.131%

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247	12.157	12.127	12.178	HH	17682	505339	4.02%	0.095%
248	12.191	12.178	12.207	HH	16075	267048	2.12%	0.050%
249	12.266	12.207	12.320	HH	241505	4822041	38.36%	0.908%
250	12.331	12.320	12.348	HH	23299	363211	2.89%	0.068%
251	12.404	12.348	12.444	HH	34347	1346230	10.71%	0.254%
252	12.478	12.444	12.526	HH	40140	1225276	9.75%	0.231%
253	12.535	12.526	12.544	HH	18827	200589	1.60%	0.038%
254	12.583	12.544	12.603	HH	27418	760110	6.05%	0.143%
255	12.640	12.603	12.676	HH	557903	7340088	58.39%	1.383%
256	12.701	12.676	12.742	HH	57737	1187686	9.45%	0.224%
257	12.756	12.742	12.783	HH	18349	438956	3.49%	0.083%
258	12.798	12.783	12.808	HH	18196	266657	2.12%	0.050%
259	12.830	12.808	12.849	HH	22713	498071	3.96%	0.094%
260	12.871	12.849	12.898	HH	22955	634743	5.05%	0.120%
261	12.910	12.898	12.928	HH	22907	392976	3.13%	0.074%
262	12.944	12.928	12.975	HH	21921	578205	4.60%	0.109%
263	12.999	12.975	13.021	HH	57415	966508	7.69%	0.182%
264	13.037	13.021	13.074	HH	25129	724040	5.76%	0.136%
265	13.088	13.074	13.108	HH	22447	426149	3.39%	0.080%
266	13.136	13.108	13.157	HH	22231	626584	4.98%	0.118%
267	13.174	13.157	13.179	HH	21666	283670	2.26%	0.053%
268	13.186	13.179	13.225	HH	21713	563978	4.49%	0.106%
269	13.272	13.225	13.302	HH	27894	1135256	9.03%	0.214%
270	13.332	13.302	13.354	HH	26743	779558	6.20%	0.147%
271	13.361	13.354	13.380	HH	23339	360102	2.86%	0.068%
272	13.397	13.380	13.407	HH	24239	372192	2.96%	0.070%
273	13.425	13.407	13.437	HH	25764	440768	3.51%	0.083%
274	13.486	13.437	13.539	HH	94491	2466806	19.62%	0.465%
275	13.588	13.539	13.621	HH	33557	1350685	10.74%	0.254%
276	13.634	13.621	13.648	HH	24701	403397	3.21%	0.076%
277	13.657	13.648	13.665	HH	24576	247372	1.97%	0.047%
278	13.699	13.665	13.721	HH	32581	935892	7.45%	0.176%
279	13.736	13.721	13.768	HH	30123	796549	6.34%	0.150%
280	13.785	13.768	13.804	HH	30572	618271	4.92%	0.116%
281	13.839	13.804	13.885	HH	552613	7822089	62.23%	1.473%
282	13.907	13.885	13.925	HH	30260	676629	5.38%	0.127%
283	13.944	13.925	13.966	HH	27473	659837	5.25%	0.124%
284	13.979	13.966	14.011	HH	27401	735244	5.85%	0.139%
285	14.018	14.011	14.028	HH	26604	259149	2.06%	0.049%
286	14.048	14.028	14.058	HH	31775	527266	4.19%	0.099%
287	14.081	14.058	14.101	HH	32831	813888	6.47%	0.153%
288	14.119	14.101	14.134	HH	32219	600316	4.78%	0.113%
289	14.151	14.134	14.172	HH	32417	705128	5.61%	0.133%
290	14.224	14.172	14.251	HH	92220	2239237	17.81%	0.422%
291	14.272	14.251	14.302	HH	58397	1393024	11.08%	0.262%
292	14.320	14.302	14.342	HH	37329	850428	6.77%	0.160%
293	14.346	14.342	14.372	HH	33857	590215	4.70%	0.111%
294	14.400	14.372	14.444	HH	41962	1543017	12.27%	0.291%
295	14.464	14.444	14.483	HH	41263	881583	7.01%	0.166%
296	14.502	14.483	14.521	HH	38795	841028	6.69%	0.158%
297	14.526	14.521	14.547	HH	36400	554342	4.41%	0.104%
298	14.581	14.547	14.610	HH	53454	1625580	12.93%	0.306%
299	14.627	14.610	14.651	HH	43273	984551	7.83%	0.185%

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300	14.686	14.651	14.707	HH	76390	1777429	14.14%	0.335%
301	14.739	14.707	14.770	HH	382220	6170182	49.08%	1.162%
302	14.791	14.770	14.816	HH	66439	1414080	11.25%	0.266%
303	14.832	14.816	14.859	HH	43287	1073290	8.54%	0.202%
304	14.880	14.859	14.898	HH	57458	1145481	9.11%	0.216%
305	14.944	14.898	14.974	HH	556468	8472370	67.40%	1.596%
306	14.985	14.974	15.007	HH	41467	781212	6.21%	0.147%
307	15.041	15.007	15.061	HH	43357	1306531	10.39%	0.246%
308	15.075	15.061	15.079	HH	40109	433688	3.45%	0.082%
309	15.085	15.079	15.104	HH	40078	596101	4.74%	0.112%
310	15.122	15.104	15.155	HH	40386	1197524	9.53%	0.226%
311	15.188	15.155	15.221	HH	42977	1597361	12.71%	0.301%
312	15.244	15.221	15.289	HH	46063	1735004	13.80%	0.327%
313	15.321	15.289	15.389	HH	318875	6336498	50.41%	1.194%
314	15.408	15.389	15.437	HH	46167	1286699	10.24%	0.242%
315	15.461	15.437	15.496	HH	58272	1763451	14.03%	0.332%
316	15.553	15.496	15.574	HH	53278	2254528	17.93%	0.425%
317	15.592	15.574	15.628	HH	49731	1526971	12.15%	0.288%
318	15.642	15.628	15.651	HH	45531	609406	4.85%	0.115%
319	15.672	15.651	15.675	HH	46458	669653	5.33%	0.126%
320	15.733	15.675	15.753	HH	54675	2343190	18.64%	0.441%
321	15.770	15.753	15.801	HH	51092	1432143	11.39%	0.270%
322	15.806	15.801	15.811	HH	47467	270450	2.15%	0.051%
323	15.838	15.811	15.865	HH	57435	1677458	13.34%	0.316%
324	15.872	15.865	15.900	HH	50090	1046376	8.32%	0.197%
325	15.921	15.900	15.928	HH	49161	808037	6.43%	0.152%
326	15.967	15.928	16.014	HH	545114	9011566	71.69%	1.698%
327	16.045	16.014	16.077	HH	56037	1947057	15.49%	0.367%
328	16.083	16.077	16.109	HH	49412	920471	7.32%	0.173%
329	16.127	16.109	16.136	HH	50495	816525	6.50%	0.154%
330	16.166	16.136	16.182	HH	52508	1413771	11.25%	0.266%
331	16.195	16.182	16.203	HH	51459	631610	5.02%	0.119%
332	16.208	16.203	16.211	HH	51209	251304	2.00%	0.047%
333	16.232	16.211	16.241	HH	53085	949500	7.55%	0.179%
334	16.266	16.241	16.293	HH	55087	1680722	13.37%	0.317%
335	16.299	16.293	16.305	HH	53344	379183	3.02%	0.071%
336	16.335	16.305	16.388	HH	123789	3854560	30.66%	0.726%
337	16.405	16.388	16.409	HH	53558	687253	5.47%	0.129%
338	16.443	16.409	16.503	HH	90998	3585158	28.52%	0.675%
339	16.532	16.503	16.556	HH	65212	1886643	15.01%	0.355%
340	16.576	16.556	16.604	HH	67783	1738595	13.83%	0.328%
341	16.610	16.604	16.626	HH	56285	752044	5.98%	0.142%
342	16.632	16.626	16.649	HH	55079	733776	5.84%	0.138%
343	16.669	16.649	16.675	HH	55548	874251	6.95%	0.165%
344	16.703	16.675	16.735	HH	70198	2248060	17.88%	0.423%
345	16.763	16.735	16.793	HH	69729	2175277	17.30%	0.410%
346	16.821	16.793	16.858	HH	80663	2539730	20.20%	0.478%
347	16.918	16.858	16.955	HH	521395	9611523	76.46%	1.811%
348	16.992	16.955	17.022	HH	69318	2525575	20.09%	0.476%
349	17.043	17.022	17.102	HH	60207	2832908	22.54%	0.534%
350	17.120	17.102	17.128	HH	60116	934905	7.44%	0.176%
351	17.158	17.128	17.174	HH	64799	1737575	13.82%	0.327%

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352	17.180	17.174	17.213	HH	64103	1466542	11.67%	0.276%
353	17.238	17.213	17.247	HH	63364	1292374	10.28%	0.243%
354	17.281	17.247	17.318	HH	95886	3181237	25.31%	0.599%
355	17.363	17.318	17.393	HH	95178	3304234	26.29%	0.622%
356	17.409	17.393	17.421	HH	64140	1061386	8.44%	0.200%
357	17.443	17.421	17.462	HH	66593	1610149	12.81%	0.303%
358	17.483	17.462	17.514	HH	68060	2043880	16.26%	0.385%
359	17.540	17.514	17.559	HH	65565	1717114	13.66%	0.323%
360	17.592	17.559	17.618	HH	66218	2287118	18.19%	0.431%
361	17.643	17.618	17.647	HH	65138	1149334	9.14%	0.217%
362	17.668	17.647	17.687	HH	65766	1541444	12.26%	0.290%
363	17.731	17.687	17.763	HH	70164	3069071	24.41%	0.578%
364	17.807	17.763	17.838	HH	503754	9175463	72.99%	1.728%
365	17.893	17.838	17.916	HH	80553	3343124	26.59%	0.630%
366	17.933	17.916	17.939	HH	70044	990617	7.88%	0.187%
367	17.957	17.939	17.973	HH	73479	1443273	11.48%	0.272%
368	17.989	17.973	17.999	HH	72138	1147599	9.13%	0.216%
369	18.036	17.999	18.061	HH	78346	2762063	21.97%	0.520%
370	18.163	18.061	18.204	HH	231331	8905164	70.84%	1.678%
371	18.227	18.204	18.266	HH	117782	3422158	27.22%	0.645%
372	18.349	18.266	18.398	HH	92353	6595295	52.47%	1.242%
373	18.406	18.398	18.425	HH	77849	1219626	9.70%	0.230%
374	18.448	18.425	18.469	HH	88097	2155194	17.14%	0.406%
375	18.493	18.469	18.514	HH	84904	2228227	17.73%	0.420%
376	18.531	18.514	18.561	HH	82753	2244596	17.86%	0.423%
377	18.584	18.561	18.597	HH	85776	1796974	14.30%	0.339%
378	18.641	18.597	18.692	HH	510086	10908084	86.77%	2.055%
379	18.752	18.692	18.778	HH	94861	4490567	35.72%	0.846%
380	18.799	18.778	18.824	HH	90592	2429652	19.33%	0.458%
381	18.828	18.824	18.835	HH	83099	549715	4.37%	0.104%
382	18.842	18.835	18.847	HH	83305	564950	4.49%	0.106%
383	18.862	18.847	18.872	HH	84421	1276274	10.15%	0.240%
384	18.878	18.872	18.881	HH	84032	448321	3.57%	0.084%
385	18.899	18.881	18.905	HH	85022	1231167	9.79%	0.232%
386	18.924	18.905	18.938	HH	85979	1670433	13.29%	0.315%
387	18.996	18.938	19.024	HH	229221	6937817	55.19%	1.307%
388	19.044	19.024	19.080	HH	118924	3548035	28.22%	0.668%
389	19.084	19.080	19.096	HH	90296	865260	6.88%	0.163%
390	19.121	19.096	19.148	HH	107363	3109388	24.74%	0.586%
391	19.173	19.148	19.199	HH	113275	3082433	24.52%	0.581%
392	19.205	19.199	19.211	HH	90724	633844	5.04%	0.119%
393	19.235	19.211	19.253	HH	93917	2327740	18.52%	0.438%
394	19.280	19.253	19.313	HH	118391	3676301	29.25%	0.693%
395	19.332	19.313	19.364	HH	92959	2763291	21.98%	0.521%
396	19.426	19.364	19.460	HH	416664	10084315	80.22%	1.900%
397	19.490	19.460	19.515	HH	115345	3443635	27.39%	0.649%
398	19.531	19.515	19.561	HH	105217	2778460	22.10%	0.523%
399	19.610	19.561	19.658	HH	124322	6171044	49.09%	1.162%
400	19.711	19.658	19.740	HH	110983	5023085	39.96%	0.946%
401	19.784	19.740	19.871	HH	349601	12308817	97.92%	2.319%
402	19.878	19.871	19.885	HH	101909	861738	6.86%	0.162%
403	19.889	19.885	19.898	HH	101568	824344	6.56%	0.155%
404	19.919	19.898	19.948	HH	105995	3110984	24.75%	0.586%

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405	20.015	19.948	20.038	HH	113294	5812193	46.24%	1.095%
406	20.046	20.038	20.066	HH	112020	1888962	15.03%	0.356%
407	20.096	20.066	20.110	HH	109517	2884619	22.95%	0.543%
408	20.120	20.110	20.126	HH	108437	1023192	8.14%	0.193%
409	20.166	20.126	20.192	HH	408809	8559684	68.09%	1.612%
410	20.204	20.192	20.252	HH	130309	4198169	33.40%	0.791%
411	20.329	20.252	20.347	HH	129377	6566114	52.23%	1.237%
412	20.369	20.347	20.407	HH	133471	4333726	34.48%	0.816%
413	20.410	20.407	20.419	HH	112767	805020	6.40%	0.152%
414	20.437	20.419	20.447	HH	112565	1916595	15.25%	0.361%
415	20.516	20.447	20.613	HH	124979	11544095	91.83%	2.175%
416	20.692	20.613	20.762	HH	150620	11081280	88.15%	2.087%
417	20.771	20.762	20.853	HH	116254	6173673	49.11%	1.163%
418	20.857	20.853	20.862	HH	110816	606051	4.82%	0.114%
419	20.914	20.862	20.976	HH	329801	11442913	91.03%	2.156%
420	20.980	20.976	20.989	HH	108316	792648	6.31%	0.149%
421	20.995	20.989	21.015	HH	108345	1713569	13.63%	0.323%
422	21.019	21.015	21.031	HH	107267	1002747	7.98%	0.189%
423	21.042	21.031	21.056	HH	107308	1632178	12.98%	0.307%
424	21.061	21.056	21.067	HH	107567	692872	5.51%	0.131%
425	21.069	21.067	21.081	HH	107093	912928	7.26%	0.172%
426	21.084	21.081	21.133	HH	106958	3348935	26.64%	0.631%
427	21.140	21.133	21.153	HH	105770	1220838	9.71%	0.230%
428	21.157	21.153	21.193	HH	105690	2530838	20.13%	0.477%
429	21.240	21.193	21.296	HH	135556	7214950	57.40%	1.359%
430	21.300	21.296	21.317	HH	104055	1317589	10.48%	0.248%
431	21.351	21.317	21.383	HH	106583	4136203	32.90%	0.779%
432	21.392	21.383	21.459	HH	104155	4704857	37.43%	0.886%
433	21.467	21.459	21.478	HH	100567	1105317	8.79%	0.208%
434	21.480	21.478	21.488	HH	100640	624682	4.97%	0.118%
435	21.518	21.488	21.523	HH	101832	2121471	16.88%	0.400%
436	21.585	21.523	21.645	HH	104254	7468638	59.41%	1.407%
437	21.649	21.645	21.678	HH	99500	1939416	15.43%	0.365%
438	21.724	21.678	21.758	HH	105100	4900080	38.98%	0.923%
439	21.775	21.758	21.787	HH	100915	1735526	13.81%	0.327%
440	21.849	21.787	21.921	HHA	260727	12570602	100.00%	2.368%

Sum of corrected areas: 530859085

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