

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060421\
 Data File : FE033885.D
 Signal(s) : FID1B.CH
 Acq On : 04 Jun 2021 11:44
 Sample : M2589-09 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050521.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.379	2.372	2.399	PH	333	3195	0.04%	0.001%
2	2.407	2.399	2.494	PH	336	-29185	-0.37%	-0.006%
3	2.497	2.494	2.527	PH	-1078	-25155	-0.32%	-0.005%
4	2.532	2.527	2.572	PH	-1312	-40941	-0.52%	-0.008%
5	2.580	2.572	2.610	PH	-1548	-40153	-0.51%	-0.008%
6	2.630	2.610	2.660	PH	-142	-46631	-0.59%	-0.009%
7	2.668	2.660	2.712	PH	-1901	-70247	-0.88%	-0.014%
8	2.726	2.712	2.748	PH	-2397	-55203	-0.69%	-0.011%
9	2.755	2.748	2.777	PH	-2781	-51147	-0.64%	-0.010%
10	2.787	2.777	2.794	PH	-2895	-30073	-0.38%	-0.006%
11	2.818	2.794	2.841	PH	-3005	-87222	-1.10%	-0.017%
12	2.855	2.841	2.867	PH	-2778	-49179	-0.62%	-0.010%
13	2.872	2.867	2.927	PH	-3143	-121245	-1.53%	-0.023%
14	2.943	2.927	3.023	PH	-2289	-197735	-2.49%	-0.038%
15	3.035	3.023	3.055	PH	-3601	-73463	-0.92%	-0.014%
16	3.066	3.055	3.080	PH	-3803	-57533	-0.72%	-0.011%
17	3.097	3.080	3.102	PH	-3680	-50469	-0.64%	-0.010%
18	3.116	3.102	3.135	PH	-3330	-73333	-0.92%	-0.014%
19	3.163	3.135	3.191	PH	-3396	-123178	-1.55%	-0.024%
20	3.194	3.191	3.211	PH	-3733	-46878	-0.59%	-0.009%
21	3.229	3.211	3.242	PH	-3896	-75973	-0.96%	-0.015%
22	3.251	3.242	3.272	PH	-4087	-75726	-0.95%	-0.015%
23	3.288	3.272	3.315	PH	-3530	-105907	-1.33%	-0.021%
24	3.334	3.315	3.347	PH	-4329	-84293	-1.06%	-0.016%
25	3.352	3.347	3.361	PH	-4459	-36184	-0.46%	-0.007%
26	3.401	3.361	3.416	PH	-3949	-145679	-1.83%	-0.028%
27	3.420	3.416	3.440	PH	-4323	-63999	-0.81%	-0.012%
28	3.452	3.440	3.457	PH	-4510	-47672	-0.60%	-0.009%
29	3.467	3.457	3.482	PH	-4472	-68986	-0.87%	-0.013%
30	3.489	3.482	3.517	PH	-4535	-95949	-1.21%	-0.019%
31	3.529	3.517	3.560	PH	-4572	-119916	-1.51%	-0.023%
32	3.575	3.560	3.583	PH	-4535	-62967	-0.79%	-0.012%
33	3.592	3.583	3.611	PH	-4488	-76518	-0.96%	-0.015%
34	3.615	3.611	3.627	PH	-4630	-44434	-0.56%	-0.009%
35	3.669	3.627	3.679	PH	-4389	-144140	-1.81%	-0.028%
36	3.700	3.679	3.733	PH	3785	-76467	-0.96%	-0.015%

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37	3.742	3.733	3.750	PH	-4605	-49416	-0.62%	-0.010%
38	3.770	3.750	3.801	PH	-4201	-134867	-1.70%	-0.026%
39	3.831	3.801	3.855	PH	-4056	-144043	-1.81%	-0.028%
40	3.866	3.855	3.878	PH	-4610	-63788	-0.80%	-0.012%
41	3.892	3.878	3.925	PH	-3913	-126226	-1.59%	-0.024%
42	3.937	3.925	3.957	PH	-4335	-89882	-1.13%	-0.017%
43	3.974	3.957	4.026	PH	-3985	-188716	-2.38%	-0.037%
44	4.073	4.026	4.102	PH	5175	-47841	-0.60%	-0.009%
45	4.110	4.102	4.144	PH	-281	-30830	-0.39%	-0.006%
46	4.152	4.144	4.194	PH	-1784	-69874	-0.88%	-0.014%
47	4.203	4.194	4.212	PH	-2699	-29303	-0.37%	-0.006%
48	4.225	4.212	4.252	PH	-2226	-63870	-0.80%	-0.012%
49	4.258	4.252	4.291	PH	-2894	-75124	-0.95%	-0.015%
50	4.303	4.291	4.308	PH	-3304	-34203	-0.43%	-0.007%
51	4.322	4.308	4.352	PH	-2810	-88718	-1.12%	-0.017%
52	4.372	4.352	4.389	PH	-3705	-83305	-1.05%	-0.016%
53	4.392	4.389	4.395	PH	-3951	-15648	-0.20%	-0.003%
54	4.405	4.395	4.412	PH	-3768	-38420	-0.48%	-0.007%
55	4.415	4.412	4.436	PH	-3752	-54771	-0.69%	-0.011%
56	4.455	4.436	4.489	PH	-2282	-110470	-1.39%	-0.021%
57	4.503	4.489	4.516	PH	-3560	-60054	-0.76%	-0.012%
58	4.528	4.516	4.553	PH	-3466	-84873	-1.07%	-0.016%
59	4.563	4.553	4.583	PH	-3813	-71066	-0.89%	-0.014%
60	4.603	4.583	4.638	PH	628	-79951	-1.01%	-0.015%
61	4.658	4.638	4.694	PH	-2237	-101832	-1.28%	-0.020%
62	4.707	4.694	4.724	PH	-2824	-60810	-0.77%	-0.012%
63	4.737	4.724	4.774	PH	-3206	-110488	-1.39%	-0.021%
64	4.801	4.774	4.817	PH	-3576	-98103	-1.23%	-0.019%
65	4.836	4.817	4.848	PH	-3216	-64348	-0.81%	-0.012%
66	4.867	4.848	4.896	PH	-3164	-102251	-1.29%	-0.020%
67	4.908	4.896	4.917	PH	-3309	-46478	-0.58%	-0.009%
68	4.930	4.917	4.956	PH	-3360	-85738	-1.08%	-0.017%
69	4.981	4.956	4.991	PH	-3867	-84012	-1.06%	-0.016%
70	5.003	4.991	5.011	PH	-3905	-45813	-0.58%	-0.009%
71	5.014	5.011	5.024	PH	-3965	-32989	-0.42%	-0.006%
72	5.039	5.024	5.045	PH	-3793	-49242	-0.62%	-0.010%
73	5.059	5.045	5.074	PH	-3544	-64663	-0.81%	-0.013%
74	5.092	5.074	5.115	PH	-3255	-89298	-1.12%	-0.017%
75	5.138	5.115	5.159	PH	-3331	-91590	-1.15%	-0.018%
76	5.174	5.159	5.182	PH	-3145	-47634	-0.60%	-0.009%
77	5.192	5.182	5.216	PH	-3025	-71070	-0.89%	-0.014%
78	5.224	5.216	5.237	PH	-3802	-49569	-0.62%	-0.010%
79	5.262	5.237	5.273	PH	-3749	-85154	-1.07%	-0.016%
80	5.289	5.273	5.298	PH	-3444	-55900	-0.70%	-0.011%
81	5.308	5.298	5.335	PH	-3213	-77844	-0.98%	-0.015%
82	5.346	5.335	5.351	PH	-3519	-34096	-0.43%	-0.007%
83	5.381	5.351	5.399	PH	-3204	-100569	-1.27%	-0.019%
84	5.409	5.399	5.429	PH	-3629	-68175	-0.86%	-0.013%
85	5.439	5.429	5.459	PH	-3527	-68272	-0.86%	-0.013%
86	5.487	5.459	5.505	PH	-286	-70019	-0.88%	-0.014%
87	5.522	5.505	5.545	PH	-2651	-76006	-0.96%	-0.015%
88	5.553	5.545	5.570	PH	-3417	-53176	-0.67%	-0.010%
89	5.577	5.570	5.591	PH	-3708	-47889	-0.60%	-0.009%

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90	5.606	5.591	5.650	PH	-3550	-128857	-1.62%	-0.025%
91	5.673	5.650	5.696	PH	-2212	-84039	-1.06%	-0.016%
92	5.701	5.696	5.709	PH	-3496	-27548	-0.35%	-0.005%
93	5.734	5.709	5.742	PH	-3395	-70356	-0.89%	-0.014%
94	5.770	5.742	5.781	PH	-2263	-66120	-0.83%	-0.013%
95	5.787	5.781	5.808	PH	-2273	-46199	-0.58%	-0.009%
96	5.828	5.808	5.847	PH	-2633	-73561	-0.93%	-0.014%
97	5.858	5.847	5.867	PH	-3069	-37882	-0.48%	-0.007%
98	5.895	5.867	5.922	PH	-2736	-103757	-1.31%	-0.020%
99	5.942	5.922	5.964	PH	-2708	-78217	-0.98%	-0.015%
100	5.986	5.964	6.017	PH	-2477	-88121	-1.11%	-0.017%
101	6.041	6.017	6.067	PH	4264	-12397	-0.16%	-0.002%
102	6.102	6.067	6.111	PH	-1308	-49344	-0.62%	-0.010%
103	6.124	6.111	6.153	PH	-1377	-49151	-0.62%	-0.010%
104	6.182	6.153	6.201	PH	-746	-52448	-0.66%	-0.010%
105	6.213	6.201	6.239	PH	-2248	-55925	-0.70%	-0.011%
106	6.255	6.239	6.269	PH	-2178	-43512	-0.55%	-0.008%
107	6.274	6.269	6.282	PH	-2318	-18818	-0.24%	-0.004%
108	6.306	6.282	6.326	PH	-1930	-60614	-0.76%	-0.012%
109	6.347	6.326	6.371	PH	-2114	-66482	-0.84%	-0.013%
110	6.396	6.371	6.416	PH	-1812	-59657	-0.75%	-0.012%
111	6.422	6.416	6.435	PH	-2186	-28096	-0.35%	-0.005%
112	6.465	6.435	6.514	PH	3063	-61519	-0.77%	-0.012%
113	6.556	6.514	6.566	PH	-2404	-83030	-1.04%	-0.016%
114	6.581	6.566	6.596	PH	-1148	-32422	-0.41%	-0.006%
115	6.613	6.596	6.634	PH	870	-21641	-0.27%	-0.004%
116	6.661	6.634	6.679	PH	-1390	-49520	-0.62%	-0.010%
117	6.685	6.679	6.703	PH	-2087	-33310	-0.42%	-0.006%
118	6.746	6.703	6.766	PH	-1088	-78008	-0.98%	-0.015%
119	6.790	6.766	6.813	PH	-1301	-51330	-0.65%	-0.010%
120	6.823	6.813	6.832	PH	-1996	-23330	-0.29%	-0.005%
121	6.869	6.832	6.891	PH	-347	-54497	-0.69%	-0.011%
122	6.908	6.891	6.914	PH	-1876	-29225	-0.37%	-0.006%
123	6.938	6.914	6.949	PH	-1404	-34576	-0.44%	-0.007%
124	6.967	6.949	6.976	PH	-547	-15578	-0.20%	-0.003%
125	6.987	6.976	7.007	PH	-480	-15658	-0.20%	-0.003%
126	7.026	7.007	7.048	PH	531	-13577	-0.17%	-0.003%
127	7.070	7.048	7.077	PH	-224	-13182	-0.17%	-0.003%
128	7.095	7.077	7.114	PH	2817	20020	0.25%	0.004%
129	7.123	7.114	7.148	PH	-149	-15439	-0.19%	-0.003%
130	7.168	7.148	7.207	PH	3598	14469	0.18%	0.003%
131	7.229	7.207	7.253	PH	2214	4658	0.06%	0.001%
132	7.270	7.253	7.289	PH	-78	-15889	-0.20%	-0.003%
133	7.298	7.289	7.309	PH	-1040	-13491	-0.17%	-0.003%
134	7.315	7.309	7.332	PH	-1082	-16961	-0.21%	-0.003%
135	7.389	7.332	7.421	PH	10087	74296	0.94%	0.014%
136	7.439	7.421	7.458	PH	-141	-11401	-0.14%	-0.002%
137	7.478	7.458	7.496	PH	-50	-8737	-0.11%	-0.002%
138	7.512	7.496	7.517	PH	-703	-9805	-0.12%	-0.002%
139	7.524	7.517	7.537	PH	-662	-9662	-0.12%	-0.002%
140	7.565	7.537	7.599	PH	2005	11647	0.15%	0.002%
141	7.618	7.599	7.636	PH	315	-5606	-0.07%	-0.001%

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142	7.655	7.636	7.669	PH	-541	-14670	-0.18%	-0.003%
143	7.686	7.669	7.695	PH	194	-2105	-0.03%	-0.000%
144	7.725	7.695	7.743	PH	1020	9814	0.12%	0.002%
145	7.755	7.743	7.772	PH	17	-3510	-0.04%	-0.001%
146	7.780	7.772	7.787	PH	-286	-2926	-0.04%	-0.001%
147	7.793	7.787	7.797	PH	-342	-2183	-0.03%	-0.000%
148	7.820	7.797	7.836	PH	2145	25425	0.32%	0.005%
149	7.841	7.836	7.855	HH	1178	10985	0.14%	0.002%
150	7.868	7.855	7.886	HH	1102	11486	0.14%	0.002%
151	7.910	7.886	7.931	PH	1532	13007	0.16%	0.003%
152	7.956	7.931	7.982	PH	2907	45674	0.57%	0.009%
153	8.005	7.982	8.036	HH	3601	73161	0.92%	0.014%
154	8.046	8.036	8.052	HH	712	6346	0.08%	0.001%
155	8.079	8.052	8.124	HH	10706	177025	2.23%	0.034%
156	8.146	8.124	8.156	HH	1634	26577	0.33%	0.005%
157	8.190	8.156	8.206	HH	11745	157712	1.98%	0.031%
158	8.218	8.206	8.235	HH	6190	77433	0.97%	0.015%
159	8.259	8.235	8.288	HH	19752	253118	3.19%	0.049%
160	8.304	8.288	8.323	HH	3602	54210	0.68%	0.011%
161	8.342	8.323	8.352	HH	5063	63921	0.80%	0.012%
162	8.373	8.352	8.404	HH	8787	155253	1.95%	0.030%
163	8.426	8.404	8.446	HH	5418	82242	1.04%	0.016%
164	8.451	8.446	8.455	HH	2092	12112	0.15%	0.002%
165	8.482	8.455	8.499	HH	2979	62365	0.78%	0.012%
166	8.508	8.499	8.521	HH	1978	23284	0.29%	0.005%
167	8.550	8.521	8.576	HH	2228	54370	0.68%	0.011%
168	8.590	8.576	8.601	HH	1592	20599	0.26%	0.004%
169	8.621	8.601	8.643	HH	3622	69717	0.88%	0.014%
170	8.670	8.643	8.702	HH	27983	381770	4.80%	0.074%
171	8.719	8.702	8.737	HH	7266	113701	1.43%	0.022%
172	8.751	8.737	8.767	HH	4068	65727	0.83%	0.013%
173	8.796	8.767	8.818	HH	15600	246757	3.11%	0.048%
174	8.830	8.818	8.840	HH	3866	45918	0.58%	0.009%
175	8.851	8.840	8.872	HH	4182	71242	0.90%	0.014%
176	8.878	8.872	8.888	HH	3299	31175	0.39%	0.006%
177	8.909	8.888	8.928	HH	10017	149426	1.88%	0.029%
178	8.944	8.928	8.966	HH	11272	158785	2.00%	0.031%
179	8.982	8.966	8.996	HH	5377	80200	1.01%	0.016%
180	9.013	8.996	9.020	HH	4824	67249	0.85%	0.013%
181	9.031	9.020	9.046	HH	5657	76302	0.96%	0.015%
182	9.081	9.046	9.102	HH	31639	435819	5.49%	0.084%
183	9.120	9.102	9.151	HH	13094	205516	2.59%	0.040%
184	9.170	9.151	9.195	HH	3945	89130	1.12%	0.017%
185	9.235	9.195	9.253	HH	11820	198044	2.49%	0.038%
186	9.267	9.253	9.302	HH	7750	140463	1.77%	0.027%
187	9.316	9.302	9.333	HH	4018	64844	0.82%	0.013%
188	9.372	9.333	9.401	HH	9001	211875	2.67%	0.041%
189	9.413	9.401	9.429	HH	4745	70399	0.89%	0.014%
190	9.455	9.429	9.508	HH	19124	407974	5.13%	0.079%
191	9.534	9.508	9.564	HH	13681	288504	3.63%	0.056%
192	9.580	9.564	9.589	HH	7851	107063	1.35%	0.021%
193	9.604	9.589	9.624	HH	9583	165608	2.08%	0.032%
194	9.636	9.624	9.649	HH	8287	110575	1.39%	0.021%

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195	9.661	9.649	9.686	HH	8177	147329	1.85%	0.029%
196	9.694	9.686	9.722	HH	5397	106241	1.34%	0.021%
197	9.735	9.722	9.757	HH	4866	92462	1.16%	0.018%
198	9.778	9.757	9.799	HH	9349	174466	2.20%	0.034%
199	9.826	9.799	9.839	HH	7114	160413	2.02%	0.031%
200	9.861	9.839	9.914	HH	28970	560800	7.06%	0.109%
201	9.940	9.914	9.954	HH	6525	137008	1.72%	0.027%
202	9.970	9.954	10.001	HH	6334	146023	1.84%	0.028%
203	10.039	10.001	10.086	HH	7094	264531	3.33%	0.051%
204	10.093	10.086	10.116	HH	4274	74872	0.94%	0.015%
205	10.139	10.116	10.154	HH	4975	98433	1.24%	0.019%
206	10.201	10.154	10.224	HH	8955	250189	3.15%	0.048%
207	10.249	10.224	10.281	HH	16278	323039	4.07%	0.063%
208	10.306	10.281	10.320	HH	10355	193790	2.44%	0.038%
209	10.336	10.320	10.361	HH	12609	226175	2.85%	0.044%
210	10.381	10.361	10.421	HH	10295	284480	3.58%	0.055%
211	10.452	10.421	10.472	HH	11154	245554	3.09%	0.048%
212	10.478	10.472	10.491	HH	8180	88672	1.12%	0.017%
213	10.512	10.491	10.562	HH	14339	418679	5.27%	0.081%
214	10.599	10.562	10.616	HH	28949	500861	6.30%	0.097%
215	10.623	10.616	10.638	HH	13477	151609	1.91%	0.029%
216	10.668	10.638	10.699	HH	27871	614056	7.73%	0.119%
217	10.710	10.699	10.722	HH	8685	115142	1.45%	0.022%
218	10.725	10.722	10.742	HH	8567	96722	1.22%	0.019%
219	10.758	10.742	10.779	HH	10123	189660	2.39%	0.037%
220	10.797	10.779	10.807	HH	7465	125431	1.58%	0.024%
221	10.825	10.807	10.833	HH	8968	127988	1.61%	0.025%
222	10.859	10.833	10.907	HH	162420	2096288	26.38%	0.406%
223	10.933	10.907	10.961	HH	53738	797224	10.03%	0.154%
224	10.967	10.961	10.976	HH	10546	91672	1.15%	0.018%
225	10.992	10.976	11.036	HH	10693	321260	4.04%	0.062%
226	11.052	11.036	11.067	HH	8749	153095	1.93%	0.030%
227	11.074	11.067	11.090	HH	7926	102642	1.29%	0.020%
228	11.109	11.090	11.129	HH	9655	194720	2.45%	0.038%
229	11.153	11.129	11.191	HH	18991	428003	5.39%	0.083%
230	11.221	11.191	11.238	HH	8660	234152	2.95%	0.045%
231	11.258	11.238	11.277	HH	9947	213235	2.68%	0.041%
232	11.302	11.277	11.326	HH	27655	463719	5.84%	0.090%
233	11.351	11.326	11.363	HH	10066	211512	2.66%	0.041%
234	11.392	11.363	11.425	HH	24382	548074	6.90%	0.106%
235	11.457	11.425	11.478	HH	11329	291816	3.67%	0.057%
236	11.499	11.478	11.532	HH	13576	356531	4.49%	0.069%
237	11.551	11.532	11.577	HH	10684	255757	3.22%	0.050%
238	11.595	11.577	11.607	HH	10559	180017	2.27%	0.035%
239	11.615	11.607	11.634	HH	10249	154610	1.95%	0.030%
240	11.661	11.634	11.676	HH	27215	441808	5.56%	0.086%
241	11.692	11.676	11.724	HH	34936	585928	7.37%	0.113%
242	11.776	11.724	11.794	HH	39245	887780	11.17%	0.172%
243	11.809	11.794	11.824	HH	30423	415582	5.23%	0.080%
244	11.841	11.824	11.881	HH	34944	646172	8.13%	0.125%
245	11.974	11.881	12.005	HH	27745	1048876	13.20%	0.203%
246	12.024	12.005	12.042	HH	19353	342331	4.31%	0.066%

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247	12.050	12.042	12.088	HH	14128	357948	4.51%	0.069%
248	12.093	12.088	12.111	HH	11477	151428	1.91%	0.029%
249	12.132	12.111	12.156	HH	30771	521533	6.56%	0.101%
250	12.164	12.156	12.174	HH	13062	138427	1.74%	0.027%
251	12.196	12.174	12.207	HH	15024	272765	3.43%	0.053%
252	12.222	12.207	12.263	HH	18802	506310	6.37%	0.098%
253	12.279	12.263	12.298	HH	15576	297706	3.75%	0.058%
254	12.312	12.298	12.325	HH	13622	210423	2.65%	0.041%
255	12.341	12.325	12.353	HH	14990	239477	3.01%	0.046%
256	12.384	12.353	12.395	HH	17155	389210	4.90%	0.075%
257	12.406	12.395	12.422	HH	17050	254609	3.20%	0.049%
258	12.452	12.422	12.493	HH	22026	714034	8.99%	0.138%
259	12.515	12.493	12.542	HH	28085	591155	7.44%	0.115%
260	12.563	12.542	12.583	HH	33184	600023	7.55%	0.116%
261	12.613	12.583	12.652	HH	36147	1024345	12.89%	0.198%
262	12.685	12.652	12.723	HH	422998	5356221	67.41%	1.037%
263	12.743	12.723	12.762	HH	17087	378203	4.76%	0.073%
264	12.778	12.762	12.792	HH	16208	283301	3.57%	0.055%
265	12.811	12.792	12.822	HH	17908	300906	3.79%	0.058%
266	12.839	12.822	12.848	HH	21440	307459	3.87%	0.060%
267	12.866	12.848	12.882	HH	30481	509441	6.41%	0.099%
268	12.892	12.882	12.951	HH	23128	809162	10.18%	0.157%
269	12.982	12.951	13.014	HH	358864	4506175	56.71%	0.873%
270	13.034	13.014	13.050	HH	47088	716370	9.02%	0.139%
271	13.065	13.050	13.093	HH	46466	815052	10.26%	0.158%
272	13.109	13.093	13.130	HH	21288	446175	5.62%	0.086%
273	13.152	13.130	13.165	HH	26707	495937	6.24%	0.096%
274	13.182	13.165	13.204	HH	28387	564699	7.11%	0.109%
275	13.226	13.204	13.234	HH	33426	495451	6.24%	0.096%
276	13.245	13.234	13.291	HH	36113	931724	11.73%	0.180%
277	13.338	13.291	13.360	HH	72089	1530875	19.27%	0.297%
278	13.374	13.360	13.391	HH	28733	465270	5.86%	0.090%
279	13.400	13.391	13.415	HH	23588	331266	4.17%	0.064%
280	13.438	13.415	13.515	HH	40375	1625610	20.46%	0.315%
281	13.567	13.515	13.617	HH	55941	1914240	24.09%	0.371%
282	13.635	13.617	13.649	HH	26317	469818	5.91%	0.091%
283	13.675	13.649	13.696	HH	42823	915019	11.52%	0.177%
284	13.715	13.696	13.737	HH	43618	839458	10.57%	0.163%
285	13.755	13.737	13.782	HH	30653	742844	9.35%	0.144%
286	13.812	13.782	13.831	HH	59300	1206991	15.19%	0.234%
287	13.858	13.831	13.875	HH	55918	1211121	15.24%	0.235%
288	13.884	13.875	13.923	HH	41321	924110	11.63%	0.179%
289	13.957	13.923	13.981	HH	28056	915366	11.52%	0.177%
290	14.006	13.981	14.016	HH	27529	565484	7.12%	0.110%
291	14.044	14.016	14.067	HH	30979	889023	11.19%	0.172%
292	14.083	14.067	14.089	HH	27829	370087	4.66%	0.072%
293	14.102	14.089	14.127	HH	28042	631512	7.95%	0.122%
294	14.148	14.127	14.161	HH	27600	545329	6.86%	0.106%
295	14.176	14.161	14.192	HH	28533	515239	6.48%	0.100%
296	14.234	14.192	14.244	HH	31764	926935	11.67%	0.180%
297	14.271	14.244	14.285	HH	33230	787836	9.92%	0.153%
298	14.306	14.285	14.343	HH	47655	1279002	16.10%	0.248%
299	14.375	14.343	14.397	HH	51626	1231592	15.50%	0.239%

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300	14.405	14.397	14.421	HH	33599	476131	5.99%	0.092%
301	14.440	14.421	14.454	HH	33302	640378	8.06%	0.124%
302	14.482	14.454	14.522	HH	52208	1627002	20.48%	0.315%
303	14.546	14.522	14.568	HH	66881	1323010	16.65%	0.256%
304	14.591	14.568	14.597	HH	44070	681942	8.58%	0.132%
305	14.610	14.597	14.648	HH	49469	1248049	15.71%	0.242%
306	14.667	14.648	14.682	HH	35728	697278	8.78%	0.135%
307	14.713	14.682	14.764	HH	75558	2314006	29.12%	0.448%
308	14.773	14.764	14.789	HH	34212	502860	6.33%	0.097%
309	14.813	14.789	14.829	HH	40931	896838	11.29%	0.174%
310	14.861	14.829	14.881	HH	186911	2945276	37.07%	0.570%
311	14.902	14.881	14.942	HH	185602	3351115	42.18%	0.649%
312	14.950	14.942	14.979	HH	39291	835932	10.52%	0.162%
313	15.021	14.979	15.079	HH	62574	2605714	32.80%	0.505%
314	15.107	15.079	15.139	HH	45786	1463333	18.42%	0.283%
315	15.197	15.139	15.263	HH	404119	7916757	99.64%	1.533%
316	15.267	15.263	15.278	HH	38975	360989	4.54%	0.070%
317	15.310	15.278	15.385	HH	61382	3011445	37.90%	0.583%
318	15.395	15.385	15.401	HH	39893	388109	4.88%	0.075%
319	15.440	15.401	15.477	HH	68766	2375062	29.89%	0.460%
320	15.491	15.477	15.514	HH	48320	1024048	12.89%	0.198%
321	15.535	15.514	15.556	HH	66505	1372522	17.27%	0.266%
322	15.573	15.556	15.603	HH	54897	1363554	17.16%	0.264%
323	15.619	15.603	15.638	HH	48958	964478	12.14%	0.187%
324	15.643	15.638	15.647	HH	45712	252744	3.18%	0.049%
325	15.696	15.647	15.730	HH	59044	2551159	32.11%	0.494%
326	15.769	15.730	15.802	HH	53144	2086554	26.26%	0.404%
327	15.831	15.802	15.842	HH	48742	1168114	14.70%	0.226%
328	15.861	15.842	15.880	HH	51980	1122841	14.13%	0.217%
329	15.899	15.880	15.914	HH	52300	1014339	12.77%	0.196%
330	15.941	15.914	15.996	HH	77178	2860450	36.00%	0.554%
331	16.001	15.996	16.019	HH	50083	683475	8.60%	0.132%
332	16.034	16.019	16.053	HH	50165	1020653	12.85%	0.198%
333	16.070	16.053	16.086	HH	50191	976956	12.30%	0.189%
334	16.133	16.086	16.184	HH	57559	3181186	40.04%	0.616%
335	16.209	16.184	16.225	HH	58398	1354979	17.05%	0.262%
336	16.246	16.225	16.289	HH	59348	2227462	28.03%	0.431%
337	16.334	16.289	16.379	HH	65794	3221367	40.54%	0.624%
338	16.424	16.379	16.443	HH	216126	4422442	55.66%	0.857%
339	16.451	16.443	16.484	HH	114933	2019496	25.42%	0.391%
340	16.492	16.484	16.497	HH	57936	447940	5.64%	0.087%
341	16.508	16.497	16.513	HH	58426	562082	7.07%	0.109%
342	16.553	16.513	16.577	HH	83896	2578145	32.45%	0.499%
343	16.588	16.577	16.622	HH	66159	1732554	21.81%	0.336%
344	16.643	16.622	16.661	HH	64801	1490087	18.75%	0.289%
345	16.679	16.661	16.683	HH	64545	858028	10.80%	0.166%
346	16.746	16.683	16.776	HH	147955	4796057	60.36%	0.929%
347	16.805	16.776	16.844	HH	169639	3969771	49.96%	0.769%
348	16.901	16.844	16.937	HH	108208	4629912	58.27%	0.897%
349	16.956	16.937	16.983	HH	75930	1966241	24.75%	0.381%
350	17.011	16.983	17.025	HH	72010	1815239	22.85%	0.352%
351	17.045	17.025	17.085	HH	76419	2639837	33.22%	0.511%

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352	17.104	17.085	17.108	HH	74239	1030510	12.97%	0.200%
353	17.117	17.108	17.126	HH	74728	816100	10.27%	0.158%
354	17.166	17.126	17.200	HH	82103	3453318	43.46%	0.669%
355	17.213	17.200	17.248	HH	80818	2223896	27.99%	0.431%
356	17.285	17.248	17.290	HH	79894	1921362	24.18%	0.372%
357	17.313	17.290	17.321	HH	84266	1501069	18.89%	0.291%
358	17.343	17.321	17.366	HH	105459	2479340	31.20%	0.480%
359	17.384	17.366	17.404	HH	82143	1842111	23.18%	0.357%
360	17.419	17.404	17.435	HH	80070	1464169	18.43%	0.284%
361	17.462	17.435	17.492	HH	90439	2834013	35.67%	0.549%
362	17.519	17.492	17.541	HH	82403	2381537	29.97%	0.461%
363	17.561	17.541	17.592	HH	80338	2453971	30.89%	0.475%
364	17.598	17.592	17.601	HH	80138	452824	5.70%	0.088%
365	17.613	17.601	17.619	HH	82165	849296	10.69%	0.165%
366	17.622	17.619	17.633	HH	81143	690928	8.70%	0.134%
367	17.639	17.633	17.649	HH	81391	757203	9.53%	0.147%
368	17.652	17.649	17.657	HH	79747	402379	5.06%	0.078%
369	17.690	17.657	17.713	HH	84484	2771892	34.89%	0.537%
370	17.780	17.713	17.819	HH	119212	5898674	74.24%	1.143%
371	17.834	17.819	17.855	HH	85934	1866565	23.49%	0.362%
372	17.873	17.855	17.879	HH	87659	1205233	15.17%	0.233%
373	17.933	17.879	17.997	HH	107002	6792556	85.49%	1.316%
374	18.004	17.997	18.011	HH	88920	692450	8.72%	0.134%
375	18.034	18.011	18.052	HH	91761	2244210	28.25%	0.435%
376	18.087	18.052	18.124	HH	107201	4177599	52.58%	0.809%
377	18.179	18.124	18.195	HH	160180	5077155	63.90%	0.983%
378	18.201	18.195	18.245	HH	136100	3368766	42.40%	0.653%
379	18.263	18.245	18.282	HH	100487	2192719	27.60%	0.425%
380	18.307	18.282	18.326	HH	121990	2974460	37.44%	0.576%
381	18.341	18.326	18.397	HH	111967	4405696	55.45%	0.853%
382	18.436	18.397	18.492	HH	159641	6442844	81.09%	1.248%
383	18.517	18.492	18.537	HH	104151	2740942	34.50%	0.531%
384	18.568	18.537	18.591	HH	118114	3488044	43.90%	0.676%
385	18.614	18.591	18.648	HH	129523	3845960	48.40%	0.745%
386	18.669	18.648	18.688	HH	102078	2446258	30.79%	0.474%
387	18.723	18.688	18.745	HH	115146	3695474	46.51%	0.716%
388	18.751	18.745	18.756	HH	111202	687292	8.65%	0.133%
389	18.774	18.756	18.833	HH	116787	5085914	64.01%	0.985%
390	18.868	18.833	18.884	HH	112175	3336846	42.00%	0.646%
391	18.896	18.884	18.929	HH	111453	2963969	37.30%	0.574%
392	18.950	18.929	18.962	HH	111888	2205550	27.76%	0.427%
393	19.011	18.962	19.036	HH	140218	5429545	68.34%	1.052%
394	19.053	19.036	19.087	HH	120388	3591107	45.20%	0.696%
395	19.126	19.087	19.163	HH	123028	5350832	67.34%	1.036%
396	19.184	19.163	19.191	HH	117775	1961949	24.69%	0.380%
397	19.200	19.191	19.205	HH	117703	983082	12.37%	0.190%
398	19.215	19.205	19.222	HH	118466	1205009	15.17%	0.233%
399	19.226	19.222	19.236	HH	118310	962960	12.12%	0.187%
400	19.259	19.236	19.269	HH	119602	2331698	29.35%	0.452%
401	19.285	19.269	19.293	HH	119823	1754357	22.08%	0.340%
402	19.299	19.293	19.306	HH	118780	873924	11.00%	0.169%
403	19.311	19.306	19.333	HH	119638	1945020	24.48%	0.377%
404	19.338	19.333	19.343	HH	118086	726468	9.14%	0.141%

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405	19.352	19.343	19.362	HH	118042	1315643	16.56%	0.255%
406	19.401	19.362	19.427	HH	142869	5031075	63.32%	0.975%
407	19.435	19.427	19.474	HH	130296	3520216	44.30%	0.682%
408	19.477	19.474	19.487	HH	122604	984969	12.40%	0.191%
409	19.527	19.487	19.557	HH	132857	5345376	67.28%	1.035%
410	19.595	19.557	19.615	HH	146372	4732721	59.57%	0.917%
411	19.621	19.615	19.624	HH	132955	672531	8.46%	0.130%
412	19.664	19.624	19.705	HH	149197	6794373	85.51%	1.316%
413	19.711	19.705	19.716	HH	137076	930889	11.72%	0.180%
414	19.719	19.716	19.723	HH	136653	544591	6.85%	0.105%
415	19.726	19.723	19.734	HH	136483	911241	11.47%	0.177%
416	19.773	19.734	19.807	HH	156821	6324417	79.60%	1.225%
417	19.818	19.807	19.823	HH	138281	1281950	16.13%	0.248%
418	19.828	19.823	19.851	HH	138612	2293183	28.86%	0.444%
419	19.857	19.851	19.864	HH	135011	1043990	13.14%	0.202%
420	19.886	19.864	19.903	HH	139008	3236091	40.73%	0.627%
421	19.910	19.903	19.918	HH	138484	1284399	16.17%	0.249%
422	19.972	19.918	20.005	HH	162014	7796436	98.12%	1.510%
423	20.016	20.005	20.023	HH	147237	1580689	19.89%	0.306%
424	20.051	20.023	20.097	HH	156840	6698396	84.30%	1.297%
425	20.140	20.097	20.184	HH	161312	7839577	98.67%	1.518%
426	20.214	20.184	20.220	HH	153985	3231680	40.67%	0.626%
427	20.222	20.220	20.235	HH	153198	1393976	17.54%	0.270%
428	20.253	20.235	20.264	HH	155745	2624388	33.03%	0.508%
429	20.288	20.264	20.292	HH	156428	2619918	32.97%	0.507%
430	20.308	20.292	20.318	HH	157246	2405023	30.27%	0.466%
431	20.325	20.318	20.334	HH	156501	1568184	19.74%	0.304%
432	20.358	20.334	20.384	HH	157847	4681966	58.93%	0.907%
433	20.393	20.384	20.403	HH	155496	1748285	22.00%	0.339%
434	20.415	20.403	20.423	HH	156135	1817278	22.87%	0.352%
435	20.427	20.423	20.436	HH	154530	1215521	15.30%	0.235%
436	20.442	20.436	20.449	HH	153438	1181586	14.87%	0.229%
437	20.455	20.449	20.465	HH	155956	1456371	18.33%	0.282%
438	20.471	20.465	20.476	HH	154456	1012168	12.74%	0.196%
439	20.498	20.476	20.534	HH	169419	5600447	70.49%	1.085%
440	20.539	20.534	20.542	HH	151103	721485	9.08%	0.140%
441	20.548	20.542	20.586	HH	152777	3938011	49.56%	0.763%
442	20.590	20.586	20.597	HH	149486	1008457	12.69%	0.195%
443	20.616	20.597	20.625	HH	153307	2589954	32.60%	0.502%
444	20.632	20.625	20.639	HH	152335	1230546	15.49%	0.238%
445	20.661	20.639	20.668	HH	152914	2647210	33.32%	0.513%
446	20.675	20.668	20.684	HH	151413	1442721	18.16%	0.279%
447	20.692	20.684	20.705	HH	151519	1924747	24.22%	0.373%
448	20.736	20.705	20.749	HH	152265	3972298	49.99%	0.769%
449	20.754	20.749	20.776	HH	152463	2407825	30.30%	0.466%
450	20.780	20.776	20.785	HH	151315	882665	11.11%	0.171%
451	20.792	20.785	20.819	HH	150862	2992602	37.66%	0.580%
452	20.824	20.819	20.827	HH	147384	730483	9.19%	0.141%
453	20.842	20.827	20.852	HH	147828	2213266	27.86%	0.429%
454	20.886	20.852	20.919	HH	154904	5960903	75.02%	1.155%
455	20.926	20.919	20.938	HH	141532	1583919	19.93%	0.307%
456	20.941	20.938	20.956	HH	141137	1497693	18.85%	0.290%

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457	20.959	20.956	20.962	HH	141628	551755	6.94%	0.107%
458	21.023	20.962	21.043	HH	146616	6980094	87.85%	1.352%
459	21.056	21.043	21.064	HH	145371	1835799	23.11%	0.356%
460	21.071	21.064	21.086	HH	145114	1889690	23.78%	0.366%
461	21.106	21.086	21.114	HH	143503	2428268	30.56%	0.470%
462	21.117	21.114	21.132	HH	142908	1561946	19.66%	0.303%
463	21.140	21.132	21.164	HH	142452	2674908	33.67%	0.518%
464	21.170	21.164	21.179	HH	140472	1266065	15.93%	0.245%
465	21.196	21.179	21.243	HH	140070	5269792	66.32%	1.021%
466	21.255	21.243	21.259	HH	134621	1338121	16.84%	0.259%
467	21.264	21.259	21.273	HH	134942	1125370	14.16%	0.218%
468	21.324	21.273	21.360	HH	144051	7279757	91.62%	1.410%
469	21.369	21.360	21.375	HH	140002	1223084	15.39%	0.237%
470	21.391	21.375	21.444	HH	141146	5790644	72.88%	1.122%
471	21.448	21.444	21.477	HH	136710	2643157	33.27%	0.512%
472	21.484	21.477	21.503	HH	132508	2010169	25.30%	0.389%
473	21.513	21.503	21.522	HH	132006	1537237	19.35%	0.298%
474	21.533	21.522	21.544	HH	131829	1706233	21.47%	0.330%
475	21.550	21.544	21.571	HH	131412	2101059	26.44%	0.407%
476	21.577	21.571	21.590	HH	132129	1492601	18.79%	0.289%
477	21.594	21.590	21.600	HH	130950	839828	10.57%	0.163%
478	21.611	21.600	21.624	HH	130819	1873120	23.57%	0.363%
479	21.630	21.624	21.669	HH	129403	3416427	43.00%	0.662%
480	21.711	21.669	21.716	HH	130033	3624281	45.61%	0.702%
481	21.721	21.716	21.736	HH	129977	1523438	19.17%	0.295%
482	21.742	21.736	21.752	HH	128425	1255803	15.81%	0.243%
483	21.806	21.752	21.854	HH	134534	7945453	100.00%	1.539%
484	21.861	21.854	21.881	HH	125797	2078748	26.16%	0.403%
485	21.896	21.881	21.903	HH	123470	1582571	19.92%	0.307%
486	21.908	21.903	21.924	HH	122836	1545065	19.45%	0.299%
487	21.937	21.924	21.947	HH	122393	1697842	21.37%	0.329%
488	21.954	21.947	21.964	HH	121695	1189805	14.97%	0.230%
489	21.968	21.964	21.977	HH	121293	988232	12.44%	0.191%
490	21.984	21.977	21.991	HH	120644	1004595	12.64%	0.195%
491	21.995	21.991	22.001	HHA	120202	733931	9.24%	0.142%
					Sum of corrected areas:	516271566		

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