

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060321\
 Data File : FE033869.D
 Signal(s) : FID1B.CH
 Acq On : 03 Jun 2021 13:43
 Sample : M2580-04 20X
 Misc :
 ALS Vial : 12 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	2.389	2.373	2.401	BH	-44	-2026	-0.02%	-0.000%
2	2.413	2.401	2.506	PH	401	-46876	-0.36%	-0.008%
3	2.510	2.506	2.558	PH	-1343	-50998	-0.40%	-0.009%
4	2.563	2.558	2.575	PH	-1929	-20410	-0.16%	-0.004%
5	2.582	2.575	2.612	PH	-2001	-48178	-0.38%	-0.008%
6	2.637	2.612	2.664	PH	-1992	-71534	-0.56%	-0.012%
7	2.678	2.664	2.716	PH	-2249	-81252	-0.63%	-0.014%
8	2.719	2.716	2.724	PH	-2868	-14861	-0.12%	-0.003%
9	2.731	2.724	2.744	PH	-2777	-35800	-0.28%	-0.006%
10	2.758	2.744	2.784	PH	-2944	-75169	-0.59%	-0.013%
11	2.791	2.784	2.805	PH	-3304	-44850	-0.35%	-0.008%
12	2.814	2.805	2.837	PH	-3569	-68581	-0.53%	-0.012%
13	2.861	2.837	2.908	PH	-2932	-159914	-1.24%	-0.028%
14	2.918	2.908	2.926	PH	-4067	-43898	-0.34%	-0.008%
15	2.948	2.926	2.981	PH	-1627	-106937	-0.83%	-0.019%
16	2.987	2.981	2.997	PH	-3973	-37141	-0.29%	-0.006%
17	3.008	2.997	3.023	PH	-4012	-66676	-0.52%	-0.012%
18	3.046	3.023	3.085	PH	-3721	-155391	-1.21%	-0.027%
19	3.118	3.085	3.139	PH	-3337	-134852	-1.05%	-0.024%
20	3.145	3.139	3.148	PH	-4498	-22316	-0.17%	-0.004%
21	3.167	3.148	3.183	PH	-3336	-88308	-0.69%	-0.015%
22	3.193	3.183	3.210	PH	-4366	-74273	-0.58%	-0.013%
23	3.234	3.210	3.249	PH	-4415	-109121	-0.85%	-0.019%
24	3.255	3.249	3.279	PH	-4710	-87924	-0.68%	-0.015%
25	3.285	3.279	3.293	PH	-5170	-45123	-0.35%	-0.008%
26	3.301	3.293	3.326	PH	-5118	-103310	-0.80%	-0.018%
27	3.339	3.326	3.345	PH	-5123	-58567	-0.46%	-0.010%
28	3.357	3.345	3.370	PH	-5172	-80052	-0.62%	-0.014%
29	3.378	3.370	3.389	PH	-5197	-60726	-0.47%	-0.011%
30	3.405	3.389	3.419	PH	-3338	-78157	-0.61%	-0.014%
31	3.426	3.419	3.444	PH	-4975	-76230	-0.59%	-0.013%

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32	3.454	3.444	3.487	PH	-5259	-139715	-1.09%	-0.024%
33	3.506	3.487	3.519	PH	-5092	-104661	-0.81%	-0.018%
34	3.529	3.519	3.571	PH	-5087	-168774	-1.31%	-0.029%
35	3.581	3.571	3.586	PH	-5584	-50389	-0.39%	-0.009%
36	3.602	3.586	3.630	PH	-5272	-146803	-1.14%	-0.026%
37	3.650	3.630	3.655	PH	-5670	-88213	-0.69%	-0.015%
38	3.672	3.655	3.688	PH	-4920	-101965	-0.79%	-0.018%
39	3.703	3.688	3.744	PH	-3438	-171766	-1.34%	-0.030%
40	3.771	3.744	3.798	PH	-4551	-173789	-1.35%	-0.030%
41	3.811	3.798	3.825	PH	-5118	-89235	-0.69%	-0.016%
42	3.844	3.825	3.860	PH	-4896	-110451	-0.86%	-0.019%
43	3.868	3.860	3.877	PH	-5710	-61486	-0.48%	-0.011%
44	3.894	3.877	3.907	PH	-2872	-77297	-0.60%	-0.013%
45	3.914	3.907	3.930	PH	-4507	-72340	-0.56%	-0.013%
46	3.941	3.930	3.957	PH	-5326	-91267	-0.71%	-0.016%
47	3.978	3.957	4.007	PH	-2777	-147189	-1.15%	-0.026%
48	4.014	4.007	4.028	PH	-5716	-74086	-0.58%	-0.013%
49	4.070	4.028	4.083	PH	-2604	-154431	-1.20%	-0.027%
50	4.089	4.083	4.105	PH	-3892	-59906	-0.47%	-0.010%
51	4.110	4.105	4.139	PH	-5300	-112780	-0.88%	-0.020%
52	4.158	4.139	4.185	PH	-4501	-152755	-1.19%	-0.027%
53	4.229	4.185	4.252	PH	1395	-165917	-1.29%	-0.029%
54	4.266	4.252	4.296	PH	-4862	-141160	-1.10%	-0.025%
55	4.306	4.296	4.315	PH	-5776	-68117	-0.53%	-0.012%
56	4.321	4.315	4.346	PH	-5942	-113287	-0.88%	-0.020%
57	4.376	4.346	4.393	PH	-5533	-166578	-1.30%	-0.029%
58	4.415	4.393	4.439	PH	-5394	-161648	-1.26%	-0.028%
59	4.457	4.439	4.479	PH	80	-86446	-0.67%	-0.015%
60	4.505	4.479	4.520	PH	-3329	-120879	-0.94%	-0.021%
61	4.532	4.520	4.547	PH	-5126	-87832	-0.68%	-0.015%
62	4.564	4.547	4.591	PH	-5211	-151374	-1.18%	-0.026%
63	4.610	4.591	4.643	PH	-2962	-152809	-1.19%	-0.027%
64	4.676	4.643	4.696	PH	-3387	-148252	-1.15%	-0.026%
65	4.709	4.696	4.726	PH	-3504	-85573	-0.67%	-0.015%
66	4.741	4.726	4.755	PH	-4555	-90093	-0.70%	-0.016%
67	4.762	4.755	4.777	PH	-5284	-71176	-0.55%	-0.012%
68	4.788	4.777	4.796	PH	-5278	-63121	-0.49%	-0.011%
69	4.810	4.796	4.821	PH	-4473	-72865	-0.57%	-0.013%
70	4.837	4.821	4.852	PH	-3370	-84328	-0.66%	-0.015%
71	4.872	4.852	4.896	PH	-3747	-122999	-0.96%	-0.021%
72	4.911	4.896	4.923	PH	-3038	-69188	-0.54%	-0.012%
73	4.931	4.923	4.953	PH	-4526	-91677	-0.71%	-0.016%
74	4.986	4.953	5.004	PH	-4817	-170190	-1.32%	-0.030%
75	5.020	5.004	5.036	PH	-5312	-107529	-0.84%	-0.019%
76	5.043	5.036	5.047	PH	-5663	-36337	-0.28%	-0.006%
77	5.062	5.047	5.075	PH	-4706	-88914	-0.69%	-0.016%
78	5.096	5.075	5.122	PH	-2673	-115813	-0.90%	-0.020%
79	5.133	5.122	5.143	PH	-3948	-53176	-0.41%	-0.009%

80	5.150	5.143	5.161	PH	rteres -3902	-48179	-0.38%	-0.008%
81	5.175	5.161	5.187	PH	-2047	-52674	-0.41%	-0.009%
82	5.193	5.187	5.216	PH	-3617	-80598	-0.63%	-0.014%
83	5.227	5.216	5.244	PH	-5380	-93984	-0.73%	-0.016%
84	5.264	5.244	5.271	PH	-5583	-95137	-0.74%	-0.017%
85	5.292	5.271	5.302	PH	-4601	-94345	-0.73%	-0.016%
86	5.311	5.302	5.326	PH	-4562	-69293	-0.54%	-0.012%
87	5.365	5.326	5.373	PH	-4056	-138373	-1.08%	-0.024%
88	5.382	5.373	5.400	PH	-4087	-74139	-0.58%	-0.013%
89	5.414	5.400	5.425	PH	-5295	-82573	-0.64%	-0.014%
90	5.441	5.425	5.466	PH	-4997	-133379	-1.04%	-0.023%
91	5.489	5.466	5.510	PH	5900	-22901	-0.18%	-0.004%
92	5.527	5.510	5.545	PH	-1648	-76715	-0.60%	-0.013%
93	5.561	5.545	5.572	PH	-5233	-87030	-0.68%	-0.015%
94	5.578	5.572	5.591	PH	-5363	-64751	-0.50%	-0.011%
95	5.625	5.591	5.633	PH	-5562	-140980	-1.10%	-0.025%
96	5.637	5.633	5.643	PH	-5660	-33634	-0.26%	-0.006%
97	5.679	5.643	5.717	PH	-1671	-198686	-1.55%	-0.035%
98	5.735	5.717	5.743	PH	-4851	-78506	-0.61%	-0.014%
99	5.775	5.743	5.811	PH	-324	-123992	-0.97%	-0.022%
100	5.830	5.811	5.848	PH	-2752	-91764	-0.71%	-0.016%
101	5.865	5.848	5.883	PH	-3462	-91707	-0.71%	-0.016%
102	5.899	5.883	5.924	PH	-4420	-122508	-0.95%	-0.021%
103	5.944	5.924	5.963	PH	-3568	-106810	-0.83%	-0.019%
104	5.982	5.963	6.019	PH	539	-82880	-0.65%	-0.014%
105	6.042	6.019	6.075	PH	86875	745261	5.80%	0.130%
106	6.087	6.075	6.108	PH	-1285	-53358	-0.42%	-0.009%
107	6.128	6.108	6.153	PH	-2305	-103313	-0.80%	-0.018%
108	6.185	6.153	6.203	PH	-1996	-98543	-0.77%	-0.017%
109	6.217	6.203	6.242	PH	-3507	-91966	-0.72%	-0.016%
110	6.257	6.242	6.272	PH	-2888	-66134	-0.51%	-0.012%
111	6.310	6.272	6.331	PH	-2811	-125018	-0.97%	-0.022%
112	6.350	6.331	6.371	PH	-3504	-97853	-0.76%	-0.017%
113	6.409	6.371	6.440	PH	-2749	-146625	-1.14%	-0.026%
114	6.468	6.440	6.520	PH	7138	-76302	-0.59%	-0.013%
115	6.532	6.520	6.539	PH	-4272	-51229	-0.40%	-0.009%
116	6.560	6.539	6.571	PH	-3837	-77585	-0.60%	-0.014%
117	6.586	6.571	6.599	PH	-3062	-56783	-0.44%	-0.010%
118	6.617	6.599	6.631	PH	381	-33111	-0.26%	-0.006%
119	6.634	6.631	6.641	PH	4254	-7888	-0.06%	-0.001%
120	6.667	6.641	6.709	PH	-2379	-140243	-1.09%	-0.024%
121	6.751	6.709	6.769	PH	-1619	-122743	-0.96%	-0.021%
122	6.792	6.769	6.819	PH	-1955	-90502	-0.70%	-0.016%
123	6.825	6.819	6.841	PH	-3290	-46431	-0.36%	-0.008%
124	6.873	6.841	6.895	PH	487	-76743	-0.60%	-0.013%
125	6.909	6.895	6.921	PH	-3301	-55453	-0.43%	-0.010%
126	6.938	6.921	6.951	PH	-3318	-61825	-0.48%	-0.011%

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127	6.971	6.951	6.977	PH	-2141	-44028	-0.34%	-0.008%
128	6.989	6.977	7.012	PH	-1783	-49772	-0.39%	-0.009%
129	7.030	7.012	7.055	PH	-432	-52079	-0.41%	-0.009%
130	7.098	7.055	7.154	PH	33584	241579	1.88%	0.042%
131	7.171	7.154	7.198	PH	2275	-13387	-0.10%	-0.002%
132	7.201	7.198	7.211	PH	15442	8375	0.07%	0.001%
133	7.233	7.211	7.258	PH	21075	153086	1.19%	0.027%
134	7.273	7.258	7.306	PH	-1777	-75016	-0.58%	-0.013%
135	7.314	7.306	7.319	PH	-3068	-25981	-0.20%	-0.005%
136	7.324	7.319	7.339	PH	-3110	-39029	-0.30%	-0.007%
137	7.392	7.339	7.423	PH	12520	31720	0.25%	0.006%
138	7.440	7.423	7.453	PH	-2218	-45722	-0.36%	-0.008%
139	7.461	7.453	7.471	PH	-2425	-26810	-0.21%	-0.005%
140	7.484	7.471	7.501	PH	-2124	-44632	-0.35%	-0.008%
141	7.514	7.501	7.520	PH	-2903	-34570	-0.27%	-0.006%
142	7.526	7.520	7.539	PH	-2924	-34408	-0.27%	-0.006%
143	7.569	7.539	7.605	PH	86	-68691	-0.53%	-0.012%
144	7.623	7.605	7.639	PH	-2012	-52701	-0.41%	-0.009%
145	7.690	7.639	7.700	PH	-2221	-104866	-0.82%	-0.018%
146	7.711	7.700	7.717	PH	-1905	-22228	-0.17%	-0.004%
147	7.731	7.717	7.749	PH	-1303	-36850	-0.29%	-0.006%
148	7.761	7.749	7.773	PH	-2276	-35969	-0.28%	-0.006%
149	7.787	7.773	7.798	PH	-2476	-39785	-0.31%	-0.007%
150	7.823	7.798	7.860	PH	5214	12403	0.10%	0.002%
151	7.870	7.860	7.891	PH	-1119	-32514	-0.25%	-0.006%
152	7.914	7.891	7.936	PH	-456	-44362	-0.35%	-0.008%
153	7.960	7.936	7.965	PH	519	-17132	-0.13%	-0.003%
154	7.979	7.965	7.994	HH	3281	30443	0.24%	0.005%
155	8.008	7.994	8.055	HH	1482	-8472	-0.07%	-0.001%
156	8.085	8.055	8.131	PH	12001	153392	1.19%	0.027%
157	8.151	8.131	8.159	PH	-1036	-21136	-0.16%	-0.004%
158	8.195	8.159	8.210	PH	17650	167861	1.31%	0.029%
159	8.225	8.210	8.246	HH	14382	182984	1.42%	0.032%
160	8.263	8.246	8.292	HH	16490	169949	1.32%	0.030%
161	8.327	8.292	8.339	PH	5778	52127	0.41%	0.009%
162	8.378	8.339	8.410	HH	10711	175715	1.37%	0.031%
163	8.430	8.410	8.447	PH	1548	1757	0.01%	0.000%
164	8.470	8.447	8.501	PH	2542	11394	0.09%	0.002%
165	8.514	8.501	8.527	PH	-706	-16064	-0.13%	-0.003%
166	8.552	8.527	8.579	PH	-1134	-46573	-0.36%	-0.008%
167	8.591	8.579	8.601	PH	-1466	-22180	-0.17%	-0.004%
168	8.628	8.601	8.649	PH	955	-6548	-0.05%	-0.001%
169	8.675	8.649	8.700	PH	48909	486209	3.78%	0.085%
170	8.720	8.700	8.743	HH	6427	76444	0.60%	0.013%
171	8.767	8.743	8.777	HH	2423	30013	0.23%	0.005%
172	8.798	8.777	8.823	HH	9366	120568	0.94%	0.021%
173	8.848	8.823	8.873	PH	3056	31439	0.24%	0.005%
174	8.882	8.873	8.892	PH	-51	-1896	-0.01%	-0.000%

175	8.915	8.892	8.930	PH	rteres 10277	120387	0.94%	0.021%
176	8.948	8.930	8.973	HH	34524	370132	2.88%	0.065%
177	8.986	8.973	9.013	HH	2450	34946	0.27%	0.006%
178	9.037	9.013	9.053	HH	2171	29167	0.23%	0.005%
179	9.085	9.053	9.108	HH	22727	250523	1.95%	0.044%
180	9.125	9.108	9.156	HH	6314	69140	0.54%	0.012%
181	9.169	9.156	9.201	PH	-66	-10070	-0.08%	-0.002%
182	9.241	9.201	9.257	PH	5335	40646	0.32%	0.007%
183	9.273	9.257	9.304	PH	4317	37506	0.29%	0.007%
184	9.324	9.304	9.338	PH	608	1094	0.01%	0.000%
185	9.377	9.338	9.402	PH	5814	73787	0.57%	0.013%
186	9.419	9.402	9.433	PH	641	3420	0.03%	0.001%
187	9.460	9.433	9.513	PH	47024	545963	4.25%	0.095%
188	9.539	9.513	9.569	HH	7620	122323	0.95%	0.021%
189	9.583	9.569	9.594	HH	3856	44429	0.35%	0.008%
190	9.613	9.594	9.629	HH	9108	124342	0.97%	0.022%
191	9.639	9.629	9.653	HH	3824	44473	0.35%	0.008%
192	9.672	9.653	9.687	HH	6124	80773	0.63%	0.014%
193	9.702	9.687	9.758	HH	7235	116630	0.91%	0.020%
194	9.782	9.758	9.808	HH	11815	155050	1.21%	0.027%
195	9.830	9.808	9.844	HH	2980	55109	0.43%	0.010%
196	9.866	9.844	9.877	HH	18664	227812	1.77%	0.040%
197	9.881	9.877	9.925	HH	15731	186813	1.45%	0.033%
198	9.946	9.925	9.960	HH	2879	41871	0.33%	0.007%
199	9.975	9.960	9.994	HH	2162	32837	0.26%	0.006%
200	10.015	9.994	10.031	HH	2860	43362	0.34%	0.008%
201	10.045	10.031	10.078	HH	2626	50708	0.39%	0.009%
202	10.081	10.078	10.088	HH	1049	6039	0.05%	0.001%
203	10.093	10.088	10.108	HH	1169	11738	0.09%	0.002%
204	10.113	10.108	10.124	HH	718	6326	0.05%	0.001%
205	10.145	10.124	10.161	HH	1516	23513	0.18%	0.004%
206	10.176	10.161	10.182	HH	787	9105	0.07%	0.002%
207	10.206	10.182	10.228	HH	3449	58219	0.45%	0.010%
208	10.255	10.228	10.286	HH	9079	148021	1.15%	0.026%
209	10.311	10.286	10.324	HH	5071	79362	0.62%	0.014%
210	10.343	10.324	10.366	HH	10462	158468	1.23%	0.028%
211	10.385	10.366	10.431	HH	7261	154892	1.21%	0.027%
212	10.460	10.431	10.497	HH	9433	200150	1.56%	0.035%
213	10.519	10.497	10.566	HH	13449	299203	2.33%	0.052%
214	10.603	10.566	10.621	HH	18356	321908	2.51%	0.056%
215	10.630	10.621	10.642	HH	8377	89085	0.69%	0.016%
216	10.669	10.642	10.709	HH	27757	587528	4.57%	0.103%
217	10.717	10.709	10.725	HH	5371	50944	0.40%	0.009%
218	10.730	10.725	10.748	HH	5262	67640	0.53%	0.012%
219	10.766	10.748	10.811	HH	7059	194659	1.52%	0.034%
220	10.833	10.811	10.841	HH	8605	114778	0.89%	0.020%
221	10.868	10.841	10.915	HH	335404	3958576	30.82%	0.691%

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222	10.940	10.915	10.987	HH	80220	1069654	8.33%	0.187%
223	10.994	10.987	11.012	HH	6575	86762	0.68%	0.015%
224	11.017	11.012	11.038	HH	4966	74204	0.58%	0.013%
225	11.055	11.038	11.072	HH	4679	91852	0.72%	0.016%
226	11.078	11.072	11.098	HH	4368	61868	0.48%	0.011%
227	11.117	11.098	11.136	HH	5958	112359	0.87%	0.020%
228	11.159	11.136	11.198	HH	31046	481138	3.75%	0.084%
229	11.229	11.198	11.245	HH	5259	133822	1.04%	0.023%
230	11.265	11.245	11.282	HH	6037	118055	0.92%	0.021%
231	11.307	11.282	11.329	HH	16541	273069	2.13%	0.048%
232	11.395	11.329	11.430	HH	16367	481974	3.75%	0.084%
233	11.464	11.430	11.487	HH	7502	201673	1.57%	0.035%
234	11.517	11.487	11.539	HH	9632	229903	1.79%	0.040%
235	11.558	11.539	11.581	HH	6922	151248	1.18%	0.026%
236	11.598	11.581	11.611	HH	6366	108986	0.85%	0.019%
237	11.623	11.611	11.639	HH	6495	102254	0.80%	0.018%
238	11.669	11.639	11.684	HH	36567	516084	4.02%	0.090%
239	11.700	11.684	11.734	HH	46636	670914	5.22%	0.117%
240	11.783	11.734	11.802	HH	32653	699317	5.44%	0.122%
241	11.817	11.802	11.831	HH	22807	296036	2.30%	0.052%
242	11.848	11.831	11.879	HH	30239	484148	3.77%	0.084%
243	11.901	11.879	11.908	HH	7399	116790	0.91%	0.020%
244	11.934	11.908	11.947	HH	9429	198471	1.55%	0.035%
245	11.979	11.947	12.015	HH	17247	460928	3.59%	0.080%
246	12.033	12.015	12.060	HH	13204	277998	2.16%	0.049%
247	12.071	12.060	12.093	HH	9286	169300	1.32%	0.030%
248	12.101	12.093	12.117	HH	8632	122630	0.95%	0.021%
249	12.140	12.117	12.166	HH	27237	466731	3.63%	0.081%
250	12.174	12.166	12.181	HH	9804	85143	0.66%	0.015%
251	12.200	12.181	12.218	HH	10669	225050	1.75%	0.039%
252	12.230	12.218	12.248	HH	10137	176958	1.38%	0.031%
253	12.250	12.248	12.267	HH	9923	107810	0.84%	0.019%
254	12.286	12.267	12.304	HH	11797	226843	1.77%	0.040%
255	12.344	12.304	12.359	HH	14709	382594	2.98%	0.067%
256	12.368	12.359	12.378	HH	12832	137234	1.07%	0.024%
257	12.390	12.378	12.406	HH	13586	214903	1.67%	0.037%
258	12.433	12.406	12.446	HH	14851	317925	2.47%	0.055%
259	12.460	12.446	12.497	HH	17117	428601	3.34%	0.075%
260	12.521	12.497	12.540	HH	25307	465225	3.62%	0.081%
261	12.568	12.540	12.590	HH	25421	586799	4.57%	0.102%
262	12.619	12.590	12.658	HH	24138	721589	5.62%	0.126%
263	12.690	12.658	12.731	HH	289101	3639847	28.33%	0.635%
264	12.753	12.731	12.769	HH	11523	251211	1.96%	0.044%
265	12.791	12.769	12.807	HH	18308	340603	2.65%	0.059%
266	12.816	12.807	12.830	HH	15298	201483	1.57%	0.035%
267	12.848	12.830	12.861	HH	21026	335809	2.61%	0.059%
268	12.873	12.861	12.889	HH	20893	306921	2.39%	0.054%
269	12.900	12.889	12.958	HH	16578	565784	4.40%	0.099%

270	12.988	12.958	13.025	HH	rteres 218710	2896179	22.55%	0.505%
271	13.041	13.025	13.057	HH	32482	464596	3.62%	0.081%
272	13.073	13.057	13.107	HH	38218	701588	5.46%	0.122%
273	13.120	13.107	13.140	HH	14627	282423	2.20%	0.049%
274	13.160	13.140	13.178	HH	21433	399337	3.11%	0.070%
275	13.193	13.178	13.212	HH	17634	331123	2.58%	0.058%
276	13.233	13.212	13.238	HH	20927	286671	2.23%	0.050%
277	13.254	13.238	13.262	HH	26820	341361	2.66%	0.060%
278	13.282	13.262	13.308	HH	78057	1196256	9.31%	0.209%
279	13.333	13.308	13.362	HH	19098	556305	4.33%	0.097%
280	13.384	13.362	13.422	HH	21066	614616	4.78%	0.107%
281	13.448	13.422	13.527	HH	29469	1246134	9.70%	0.217%
282	13.577	13.527	13.622	HH	44329	1365616	10.63%	0.238%
283	13.643	13.622	13.659	HH	19349	405193	3.15%	0.071%
284	13.684	13.659	13.703	HH	36171	691426	5.38%	0.121%
285	13.723	13.703	13.748	HH	37142	738944	5.75%	0.129%
286	13.764	13.748	13.788	HH	23646	501725	3.91%	0.088%
287	13.820	13.788	13.839	HH	30172	781475	6.08%	0.136%
288	13.853	13.839	13.877	HH	33532	639526	4.98%	0.112%
289	13.894	13.877	13.938	HH	30371	837229	6.52%	0.146%
290	13.971	13.938	13.992	HH	21489	655470	5.10%	0.114%
291	14.043	13.992	14.051	HH	22197	726452	5.66%	0.127%
292	14.073	14.051	14.089	HH	22944	506936	3.95%	0.088%
293	14.106	14.089	14.133	HH	22642	550475	4.29%	0.096%
294	14.182	14.133	14.198	HH	21949	823484	6.41%	0.144%
295	14.264	14.198	14.279	HH	32032	1218569	9.49%	0.213%
296	14.315	14.279	14.358	HH	42799	1509543	11.75%	0.263%
297	14.383	14.358	14.401	HH	29360	682401	5.31%	0.119%
298	14.415	14.401	14.441	HH	26787	611222	4.76%	0.107%
299	14.451	14.441	14.463	HH	24599	316821	2.47%	0.055%
300	14.491	14.463	14.531	HH	38457	1237752	9.64%	0.216%
301	14.555	14.531	14.578	HH	46526	985635	7.67%	0.172%
302	14.620	14.578	14.659	HH	41077	1510985	11.76%	0.264%
303	14.674	14.659	14.692	HH	27629	524822	4.09%	0.092%
304	14.720	14.692	14.795	HH	43763	1920671	14.95%	0.335%
305	14.824	14.795	14.837	HH	29572	692199	5.39%	0.121%
306	14.869	14.837	14.889	HH	118907	2018016	15.71%	0.352%
307	14.910	14.889	14.944	HH	119575	2149766	16.73%	0.375%
308	14.959	14.944	14.987	HH	30893	759071	5.91%	0.132%
309	15.030	14.987	15.053	HH	43402	1335712	10.40%	0.233%
310	15.059	15.053	15.086	HH	32333	621920	4.84%	0.109%
311	15.115	15.086	15.142	HH	34271	1060450	8.26%	0.185%
312	15.176	15.142	15.196	HH	39079	1066758	8.30%	0.186%
313	15.212	15.196	15.247	HH	34461	1018758	7.93%	0.178%
314	15.252	15.247	15.281	HH	31406	629949	4.90%	0.110%
315	15.314	15.281	15.346	HH	46873	1486839	11.57%	0.259%
316	15.354	15.346	15.394	HH	35620	980127	7.63%	0.171%

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317	15.447	15.394	15.480	HH	40128	1835998	14.29%	0.320%
318	15.501	15.480	15.520	HH	36918	870227	6.77%	0.152%
319	15.543	15.520	15.564	HH	51119	1128603	8.79%	0.197%
320	15.581	15.564	15.607	HH	42578	1000557	7.79%	0.175%
321	15.627	15.607	15.640	HH	37695	726561	5.66%	0.127%
322	15.647	15.640	15.655	HH	36857	322795	2.51%	0.056%
323	15.703	15.655	15.744	HH	44887	2163988	16.85%	0.378%
324	15.779	15.744	15.806	HH	41636	1464043	11.40%	0.255%
325	15.827	15.806	15.844	HH	38983	853795	6.65%	0.149%
326	15.865	15.844	15.883	HH	41043	923381	7.19%	0.161%
327	15.912	15.883	15.923	HH	41283	970442	7.55%	0.169%
328	15.948	15.923	15.969	HH	47052	1209360	9.41%	0.211%
329	15.975	15.969	16.016	HH	43674	1175488	9.15%	0.205%
330	16.019	16.016	16.027	HH	40840	280148	2.18%	0.049%
331	16.046	16.027	16.062	HH	41531	849668	6.61%	0.148%
332	16.077	16.062	16.086	HH	41419	588964	4.58%	0.103%
333	16.154	16.086	16.172	HH	46507	2259114	17.59%	0.394%
334	16.177	16.172	16.199	HH	45318	727973	5.67%	0.127%
335	16.222	16.199	16.234	HH	47511	977807	7.61%	0.171%
336	16.247	16.234	16.282	HH	48439	1345150	10.47%	0.235%
337	16.292	16.282	16.299	HH	47534	502479	3.91%	0.088%
338	16.337	16.299	16.383	HH	52094	2468912	19.22%	0.431%
339	16.432	16.383	16.451	HH	125288	3093009	24.08%	0.540%
340	16.458	16.451	16.508	HH	79319	2029613	15.80%	0.354%
341	16.522	16.508	16.529	HH	49856	642301	5.00%	0.112%
342	16.562	16.529	16.585	HH	63180	1860014	14.48%	0.325%
343	16.602	16.585	16.624	HH	54619	1263998	9.84%	0.221%
344	16.631	16.624	16.636	HH	52811	366889	2.86%	0.064%
345	16.652	16.636	16.668	HH	53578	1002840	7.81%	0.175%
346	16.754	16.668	16.786	HH	96140	4513836	35.14%	0.788%
347	16.813	16.786	16.859	HH	107350	3184017	24.79%	0.556%
348	16.915	16.859	16.947	HH	76680	3521148	27.41%	0.614%
349	16.967	16.947	16.990	HH	64211	1635984	12.74%	0.285%
350	16.996	16.990	17.002	HH	62017	431344	3.36%	0.075%
351	17.015	17.002	17.020	HH	63038	684832	5.33%	0.119%
352	17.067	17.020	17.081	HH	66179	2361664	18.38%	0.412%
353	17.088	17.081	17.097	HH	65842	637744	4.96%	0.111%
354	17.126	17.097	17.135	HH	68576	1526855	11.89%	0.266%
355	17.148	17.135	17.162	HH	69917	1122899	8.74%	0.196%
356	17.180	17.162	17.194	HH	71479	1337389	10.41%	0.233%
357	17.219	17.194	17.248	HH	73187	2314307	18.02%	0.404%
358	17.346	17.248	17.375	HH	84482	5686664	44.27%	0.992%
359	17.395	17.375	17.410	HH	75865	1594227	12.41%	0.278%
360	17.431	17.410	17.446	HH	76010	1615152	12.57%	0.282%
361	17.471	17.446	17.500	HH	81874	2509593	19.54%	0.438%
362	17.526	17.500	17.550	HH	77574	2277094	17.73%	0.397%
363	17.566	17.550	17.579	HH	75996	1340771	10.44%	0.234%
364	17.591	17.579	17.608	HH	77144	1285876	10.01%	0.224%

365	17.621	17.608	17.639	HH	rteres 77359	1454303	11.32%	0.254%
366	17.653	17.639	17.664	HH	77479	1148069	8.94%	0.200%
367	17.696	17.664	17.726	HH	80415	2903481	22.60%	0.507%
368	17.789	17.726	17.825	HH	100704	5111121	39.79%	0.892%
369	17.844	17.825	17.853	HH	82596	1389641	10.82%	0.242%
370	17.940	17.853	17.957	HH	99565	5564893	43.32%	0.971%
371	17.969	17.957	18.016	HH	96105	3266418	25.43%	0.570%
372	18.046	18.016	18.052	HH	91023	1932587	15.04%	0.337%
373	18.057	18.052	18.068	HH	91195	862094	6.71%	0.150%
374	18.100	18.068	18.132	HH	100308	3733812	29.07%	0.651%
375	18.151	18.132	18.163	HH	101713	1841480	14.34%	0.321%
376	18.191	18.163	18.254	HH	127350	6164713	47.99%	1.076%
377	18.276	18.254	18.287	HH	102907	1994625	15.53%	0.348%
378	18.312	18.287	18.336	HH	115090	3211678	25.00%	0.560%
379	18.352	18.336	18.413	HH	108565	4824901	37.56%	0.842%
380	18.444	18.413	18.496	HH	128481	5476160	42.63%	0.955%
381	18.518	18.496	18.548	HH	105094	3240561	25.23%	0.565%
382	18.576	18.548	18.595	HH	112158	3093318	24.08%	0.540%
383	18.623	18.595	18.659	HH	123988	4377046	34.07%	0.764%
384	18.733	18.659	18.749	HH	121583	6196255	48.23%	1.081%
385	18.753	18.749	18.761	HH	119777	842163	6.56%	0.147%
386	18.783	18.761	18.804	HH	125155	3178644	24.74%	0.555%
387	18.823	18.804	18.832	HH	122363	2052859	15.98%	0.358%
388	18.837	18.832	18.844	HH	122171	874868	6.81%	0.153%
389	18.875	18.844	18.880	HH	127482	2676031	20.83%	0.467%
390	18.884	18.880	18.893	HH	127241	1024855	7.98%	0.179%
391	18.913	18.893	18.932	HH	128439	2921992	22.75%	0.510%
392	18.987	18.932	19.000	HH	138939	5441219	42.36%	0.949%
393	19.021	19.000	19.045	HH	146731	3752980	29.22%	0.655%
394	19.061	19.045	19.080	HH	138176	2917245	22.71%	0.509%
395	19.101	19.080	19.107	HH	135589	2160683	16.82%	0.377%
396	19.129	19.107	19.148	HH	141151	3364934	26.19%	0.587%
397	19.153	19.148	19.180	HH	138780	2688487	20.93%	0.469%
398	19.202	19.180	19.213	HH	139480	2746252	21.38%	0.479%
399	19.234	19.213	19.249	HH	140009	2980737	23.20%	0.520%
400	19.265	19.249	19.273	HH	141493	2004694	15.61%	0.350%
401	19.314	19.273	19.336	HH	144496	5429200	42.26%	0.947%
402	19.365	19.336	19.372	HH	145303	3103829	24.16%	0.542%
403	19.406	19.372	19.428	HH	159492	5102944	39.72%	0.890%
404	19.443	19.428	19.455	HH	153756	2483147	19.33%	0.433%
405	19.472	19.455	19.476	HH	153930	1960844	15.26%	0.342%
406	19.479	19.476	19.487	HH	153848	948790	7.39%	0.166%
407	19.500	19.487	19.504	HH	154041	1570987	12.23%	0.274%
408	19.542	19.504	19.552	HH	160827	4556283	35.47%	0.795%
409	19.556	19.552	19.560	HH	159535	757024	5.89%	0.132%
410	19.605	19.560	19.623	HH	172297	6306818	49.10%	1.100%
411	19.628	19.623	19.644	HH	168280	2092255	16.29%	0.365%

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412	19.678	19.644	19.718	HH	177385	7683004	59.81%	1.340%
413	19.731	19.718	19.740	HH	171746	2229848	17.36%	0.389%
414	19.780	19.740	19.801	HH	182543	6455036	50.25%	1.126%
415	19.806	19.801	19.814	HH	175565	1425874	11.10%	0.249%
416	19.838	19.814	19.851	HH	177685	3852931	29.99%	0.672%
417	19.894	19.851	19.906	HH	183925	6051995	47.11%	1.056%
418	19.990	19.906	20.017	HH	203433	12846018	100.00%	2.241%
419	20.061	20.017	20.084	HH	204418	8069483	62.82%	1.408%
420	20.099	20.084	20.106	HH	202019	2661234	20.72%	0.464%
421	20.150	20.106	20.174	HH	211859	8494983	66.13%	1.482%
422	20.182	20.174	20.191	HH	207118	2075049	16.15%	0.362%
423	20.253	20.191	20.257	HH	214912	8341087	64.93%	1.455%
424	20.322	20.257	20.329	HH	225197	9469189	73.71%	1.652%
425	20.339	20.329	20.352	HH	225988	3109933	24.21%	0.543%
426	20.373	20.352	20.379	HH	228094	3599508	28.02%	0.628%
427	20.387	20.379	20.397	HH	228670	2580631	20.09%	0.450%
428	20.412	20.397	20.444	HH	229042	6408774	49.89%	1.118%
429	20.449	20.444	20.476	HH	225857	4247614	33.07%	0.741%
430	20.506	20.476	20.548	HH	224974	9458570	73.63%	1.650%
431	20.556	20.548	20.563	HH	213454	1989655	15.49%	0.347%
432	20.569	20.563	20.576	HH	213740	1613481	12.56%	0.282%
433	20.603	20.576	20.607	HH	215780	4025293	31.33%	0.702%
434	20.650	20.607	20.653	HH	223716	6127168	47.70%	1.069%
435	20.688	20.653	20.696	HH	227363	5757786	44.82%	1.005%
436	20.704	20.696	20.710	HH	227266	1952143	15.20%	0.341%
437	20.718	20.710	20.726	HH	226796	2073599	16.14%	0.362%
438	20.732	20.726	20.740	HH	227372	1925709	14.99%	0.336%
439	20.746	20.740	20.756	HH	226281	2195965	17.09%	0.383%
440	20.762	20.756	20.777	HH	225835	2869557	22.34%	0.501%
441	20.796	20.777	20.873	HH	224726	12684723	98.74%	2.213%
442	20.891	20.873	20.932	HH	222286	7749738	60.33%	1.352%
443	20.944	20.932	20.950	HH	215415	2425004	18.88%	0.423%
444	21.007	20.950	21.016	HH	218954	8537131	66.46%	1.489%
445	21.022	21.016	21.033	HH	219354	2198802	17.12%	0.384%
446	21.108	21.033	21.121	HH	223344	11667763	90.83%	2.036%
447	21.125	21.121	21.214	HH	221971	11998930	93.41%	2.093%
448	21.218	21.214	21.223	HH	208126	1063287	8.28%	0.186%
449	21.229	21.223	21.237	HH	208107	1813800	14.12%	0.316%
450	21.247	21.237	21.259	HH	208620	2739122	21.32%	0.478%
451	21.328	21.259	21.357	HH	218129	12596662	98.06%	2.198%
452	21.368	21.357	21.378	HH	217354	2648279	20.62%	0.462%
453	21.382	21.378	21.462	HH	216888	10751738	83.70%	1.876%
454	21.468	21.462	21.475	HH	207234	1551372	12.08%	0.271%
455	21.502	21.475	21.514	HH	207898	4881950	38.00%	0.852%
456	21.525	21.514	21.532	HH	208220	2311566	17.99%	0.403%
457	21.541	21.532	21.557	HH	208615	3111295	24.22%	0.543%
458	21.561	21.557	21.567	HH	208259	1267944	9.87%	0.221%
459	21.573	21.567	21.609	HH	208480	5181376	40.33%	0.904%

					rteres			
460	21.615	21.609	21.668	HH	203903	7020566	54.65%	1.225%
461	21.756	21.668	21.764	HH	206325	11657363	90.75%	2.034%
462	21.780	21.764	21.784	HH	208150	2463226	19.18%	0.430%
463	21.791	21.784	21.795	HH	208302	1480307	11.52%	0.258%
464	21.819	21.795	21.893	HH	209888	11888809	92.55%	2.074%
465	21.896	21.893	21.908	HH	197457	1811939	14.11%	0.316%
466	21.925	21.908	21.935	HH	197489	3213049	25.01%	0.561%
467	21.943	21.935	21.948	HH	198108	1490520	11.60%	0.260%
468	21.951	21.948	21.957	HH	198117	1062836	8.27%	0.185%
469	21.969	21.957	22.001	HHA	198435	5336437	41.54%	0.931%
					Sum of corrected areas:		573166543	

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