

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081420\
 Data File : FF007385.D
 Signal(s) : FID2B.ch
 Acq On : 14 Aug 2020 15:21
 Sample : L3678-04MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF072820.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.341	2.311	2.373	BH	150131	1140018	4.79%	0.084%
2	2.379	2.373	2.404	PH	62	-3005	-0.01%	-0.000%
3	2.414	2.404	2.443	PH	-196	-7960	-0.03%	-0.001%
4	2.452	2.443	2.463	PH	-394	-5022	-0.02%	-0.000%
5	2.475	2.463	2.485	PH	-278	-5444	-0.02%	-0.000%
6	2.496	2.485	2.500	PH	-371	-3621	-0.02%	-0.000%
7	2.512	2.500	2.556	PH	1079	-1327	-0.01%	-0.000%
8	2.573	2.556	2.602	PH	1290	-3566	-0.01%	-0.000%
9	2.622	2.602	2.629	PH	-145	-6869	-0.03%	-0.001%
10	2.637	2.629	2.659	PH	-185	-9729	-0.04%	-0.001%
11	2.676	2.659	2.690	PH	8	-7830	-0.03%	-0.001%
12	2.708	2.690	2.736	PH	-445	-17050	-0.07%	-0.001%
13	2.741	2.736	2.761	PH	-757	-12735	-0.05%	-0.001%
14	2.770	2.761	2.788	PH	-794	-14837	-0.06%	-0.001%
15	2.808	2.788	2.822	PH	-332	-13818	-0.06%	-0.001%
16	2.828	2.822	2.881	PH	-672	-34448	-0.14%	-0.003%
17	2.901	2.881	2.933	PH	738	-9308	-0.04%	-0.001%
18	2.964	2.933	2.985	PH	-511	-27732	-0.12%	-0.002%
19	3.005	2.985	3.019	PH	-834	-19659	-0.08%	-0.001%
20	3.028	3.019	3.044	PH	-812	-13782	-0.06%	-0.001%
21	3.060	3.044	3.069	PH	-258	-9617	-0.04%	-0.001%
22	3.082	3.069	3.115	PH	3626	20470	0.09%	0.002%
23	3.129	3.115	3.145	PH	9	-7780	-0.03%	-0.001%
24	3.160	3.145	3.191	PH	543	-12477	-0.05%	-0.001%
25	3.197	3.191	3.223	PH	-826	-18708	-0.08%	-0.001%
26	3.228	3.223	3.242	PH	-1075	-13204	-0.06%	-0.001%
27	3.260	3.242	3.294	PH	676	-17546	-0.07%	-0.001%
28	3.305	3.294	3.318	PH	-870	-14018	-0.06%	-0.001%
29	3.327	3.318	3.359	PH	-882	-28808	-0.12%	-0.002%
30	3.380	3.359	3.395	PH	5	-18640	-0.08%	-0.001%
31	3.399	3.395	3.414	PH	-1111	-14703	-0.06%	-0.001%
32	3.421	3.414	3.437	PH	-1304	-19157	-0.08%	-0.001%
33	3.449	3.437	3.457	PH	-1370	-17313	-0.07%	-0.001%
34	3.480	3.457	3.493	PH	-1166	-28152	-0.12%	-0.002%
35	3.503	3.493	3.522	PH	-1347	-25054	-0.11%	-0.002%
36	3.535	3.522	3.540	PH	-1310	-14568	-0.06%	-0.001%

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37	3.544	3.540	3.558	PH	-1382	-16235	-0.07%	-0.001%
38	3.576	3.558	3.622	PH	-1015	-53863	-0.23%	-0.004%
39	3.681	3.622	3.736	PH	430	-67001	-0.28%	-0.005%
40	3.761	3.736	3.789	PH	35	-19914	-0.08%	-0.001%
41	3.795	3.789	3.814	PH	-793	-15004	-0.06%	-0.001%
42	3.835	3.814	3.863	PH	-975	-34812	-0.15%	-0.003%
43	3.880	3.863	3.895	PH	423	-7860	-0.03%	-0.001%
44	3.901	3.895	3.918	PH	-774	-15019	-0.06%	-0.001%
45	3.929	3.918	3.946	PH	-1101	-21568	-0.09%	-0.002%
46	3.968	3.946	4.024	PH	104	-54726	-0.23%	-0.004%
47	4.050	4.024	4.092	PH	24241	170530	0.72%	0.013%
48	4.102	4.092	4.127	PH	879	-2228	-0.01%	-0.000%
49	4.137	4.127	4.179	PH	-478	-27628	-0.12%	-0.002%
50	4.204	4.179	4.321	PH	15245	119319	0.50%	0.009%
51	4.331	4.321	4.359	PH	-1218	-31123	-0.13%	-0.002%
52	4.391	4.359	4.403	PH	-1279	-37157	-0.16%	-0.003%
53	4.414	4.403	4.425	PH	-1247	-17440	-0.07%	-0.001%
54	4.460	4.425	4.491	PH	215752	1908323	8.03%	0.140%
55	4.506	4.491	4.522	PH	182	-12284	-0.05%	-0.001%
56	4.532	4.522	4.549	PH	-626	-14959	-0.06%	-0.001%
57	4.563	4.549	4.591	PH	-842	-25746	-0.11%	-0.002%
58	4.610	4.591	4.635	PH	3085	8595	0.04%	0.001%
59	4.639	4.635	4.647	PH	-1084	-8132	-0.03%	-0.001%
60	4.679	4.647	4.705	PH	5153	35631	0.15%	0.003%
61	4.716	4.705	4.734	PH	-211	-10630	-0.04%	-0.001%
62	4.746	4.734	4.762	PH	-570	-14929	-0.06%	-0.001%
63	4.800	4.762	4.826	PH	2006	-8819	-0.04%	-0.001%
64	4.839	4.826	4.858	PH	-174	-11300	-0.05%	-0.001%
65	4.881	4.858	4.899	PH	-603	-21323	-0.09%	-0.002%
66	4.918	4.899	4.957	PH	356	-17071	-0.07%	-0.001%
67	4.962	4.957	4.982	PH	-1141	-18906	-0.08%	-0.001%
68	5.021	4.982	5.051	PH	1895	-12749	-0.05%	-0.001%
69	5.059	5.051	5.073	PH	-1105	-16922	-0.07%	-0.001%
70	5.077	5.073	5.086	PH	-1441	-11271	-0.05%	-0.001%
71	5.105	5.086	5.132	PH	-336	-24249	-0.10%	-0.002%
72	5.143	5.132	5.147	PH	-948	-9593	-0.04%	-0.001%
73	5.160	5.147	5.174	PH	-73	-10347	-0.04%	-0.001%
74	5.185	5.174	5.197	PH	-683	-13111	-0.06%	-0.001%
75	5.206	5.197	5.225	PH	-542	-14227	-0.06%	-0.001%
76	5.239	5.225	5.255	PH	-900	-22073	-0.09%	-0.002%
77	5.273	5.255	5.284	PH	-348	-16248	-0.07%	-0.001%
78	5.291	5.284	5.307	PH	-919	-13926	-0.06%	-0.001%
79	5.323	5.307	5.352	PH	1469	-9207	-0.04%	-0.001%
80	5.384	5.352	5.410	PH	-339	-38400	-0.16%	-0.003%
81	5.425	5.410	5.441	PH	-1249	-26723	-0.11%	-0.002%
82	5.454	5.441	5.483	PH	-1019	-34965	-0.15%	-0.003%
83	5.504	5.483	5.526	PH	2301	4378	0.02%	0.000%
84	5.558	5.526	5.587	PH	164	-23124	-0.10%	-0.002%
85	5.593	5.587	5.596	PH	-1404	-7785	-0.03%	-0.001%
86	5.612	5.596	5.634	PH	-772	-26682	-0.11%	-0.002%
87	5.642	5.634	5.659	PH	-1323	-21880	-0.09%	-0.002%
88	5.673	5.659	5.679	PH	-1247	-15932	-0.07%	-0.001%
89	5.695	5.679	5.716	PH	-427	-22699	-0.10%	-0.002%

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90	5.738	5.716	5.750	PH	1168	-5881	-0.02%	-0.000%
91	5.770	5.750	5.777	PH	781	6096	0.03%	0.000%
92	5.790	5.777	5.801	HH	1794	15206	0.06%	0.001%
93	5.810	5.801	5.831	HH	1092	5313	0.02%	0.000%
94	5.843	5.831	5.869	PH	90	-12747	-0.05%	-0.001%
95	5.878	5.869	5.886	PH	-916	-10131	-0.04%	-0.001%
96	5.908	5.886	5.929	PH	6693	66979	0.28%	0.005%
97	5.942	5.929	5.981	HH	3561	27115	0.11%	0.002%
98	5.996	5.981	6.003	PH	183	-3426	-0.01%	-0.000%
99	6.014	6.003	6.037	PH	652	-1527	-0.01%	-0.000%
100	6.060	6.037	6.092	PH	81450	748437	3.15%	0.055%
101	6.107	6.092	6.136	PH	1458	-2562	-0.01%	-0.000%
102	6.160	6.136	6.177	PH	124	-14423	-0.06%	-0.001%
103	6.198	6.177	6.222	PH	905	-3578	-0.02%	-0.000%
104	6.272	6.222	6.306	PH	3459	13006	0.05%	0.001%
105	6.310	6.306	6.317	PH	-384	-2694	-0.01%	-0.000%
106	6.334	6.317	6.363	PH	1272	3617	0.02%	0.000%
107	6.379	6.363	6.396	PH	-33	-8427	-0.04%	-0.001%
108	6.413	6.396	6.430	PH	-54	-7327	-0.03%	-0.001%
109	6.442	6.430	6.457	PH	-271	-7215	-0.03%	-0.001%
110	6.487	6.457	6.541	PH	218239	2093018	8.80%	0.153%
111	6.565	6.541	6.578	PH	-641	-17295	-0.07%	-0.001%
112	6.595	6.578	6.625	PH	-356	-14798	-0.06%	-0.001%
113	6.638	6.625	6.659	PH	29	-10199	-0.04%	-0.001%
114	6.664	6.659	6.669	PH	-975	-6093	-0.03%	-0.000%
115	6.688	6.669	6.724	PH	1090	-14440	-0.06%	-0.001%
116	6.738	6.724	6.747	PH	-1177	-17682	-0.07%	-0.001%
117	6.773	6.747	6.784	PH	114	-13532	-0.06%	-0.001%
118	6.812	6.784	6.851	PH	1330	6097	0.03%	0.000%
119	6.867	6.851	6.878	PH	19	-5496	-0.02%	-0.000%
120	6.894	6.878	6.926	PH	706	2412	0.01%	0.000%
121	6.927	6.926	6.948	PH	-173	-6713	-0.03%	-0.000%
122	6.968	6.948	6.981	PH	3386	34457	0.14%	0.003%
123	6.990	6.981	7.010	HH	2798	35077	0.15%	0.003%
124	7.024	7.010	7.042	HH	1858	24157	0.10%	0.002%
125	7.056	7.042	7.080	HH	1147	17519	0.07%	0.001%
126	7.118	7.080	7.152	HH	39737	404159	1.70%	0.030%
127	7.170	7.152	7.185	HH	2693	30560	0.13%	0.002%
128	7.191	7.185	7.206	HH	876	8345	0.04%	0.001%
129	7.210	7.206	7.231	HH	514	-728	-0.00%	-0.000%
130	7.254	7.231	7.277	PH	39979	380565	1.60%	0.028%
131	7.284	7.277	7.298	HH	1142	9022	0.04%	0.001%
132	7.311	7.298	7.334	PH	863	6575	0.03%	0.000%
133	7.350	7.334	7.362	PH	204	10	0.00%	0.000%
134	7.371	7.362	7.390	PH	182	-215	-0.00%	-0.000%
135	7.412	7.390	7.439	PH	4364	39750	0.17%	0.003%
136	7.446	7.439	7.457	PH	-71	-1911	-0.01%	-0.000%
137	7.476	7.457	7.489	PH	721	4481	0.02%	0.000%
138	7.495	7.489	7.516	HH	216	114	0.00%	0.000%
139	7.548	7.516	7.571	PH	1078	7098	0.03%	0.001%
140	7.595	7.571	7.617	PH	1614	15704	0.07%	0.001%
141	7.630	7.617	7.661	PH	53	-5387	-0.02%	-0.000%

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142	7.670	7.661	7.683	PH	-298	-6718	-0.03%	-0.000%
143	7.704	7.683	7.730	PH	607	-3524	-0.01%	-0.000%
144	7.750	7.730	7.772	PH	1567	9367	0.04%	0.001%
145	7.792	7.772	7.811	PH	170	-1433	-0.01%	-0.000%
146	7.842	7.811	7.906	PH	13929	183408	0.77%	0.013%
147	7.945	7.906	7.961	HH	1191	21131	0.09%	0.002%
148	8.001	7.961	8.027	PH	9621	145351	0.61%	0.011%
149	8.036	8.027	8.060	HH	2097	33869	0.14%	0.002%
150	8.071	8.060	8.077	HH	1548	15348	0.06%	0.001%
151	8.099	8.077	8.106	HH	14355	143503	0.60%	0.011%
152	8.113	8.106	8.153	HH	14818	164445	0.69%	0.012%
153	8.174	8.153	8.196	HH	4526	70771	0.30%	0.005%
154	8.218	8.196	8.233	HH	36697	388535	1.63%	0.028%
155	8.246	8.233	8.260	HH	24403	253215	1.06%	0.019%
156	8.286	8.260	8.317	HH	212767	2330352	9.80%	0.171%
157	8.347	8.317	8.364	HH	61714	650502	2.74%	0.048%
158	8.404	8.364	8.440	HH	85858	1164854	4.90%	0.085%
159	8.454	8.440	8.474	HH	3721	58595	0.25%	0.004%
160	8.492	8.474	8.521	HH	9744	114840	0.48%	0.008%
161	8.538	8.521	8.556	HH	2400	31010	0.13%	0.002%
162	8.576	8.556	8.591	HH	1234	21648	0.09%	0.002%
163	8.604	8.591	8.621	HH	1386	21851	0.09%	0.002%
164	8.650	8.621	8.674	HH	8783	121471	0.51%	0.009%
165	8.699	8.674	8.722	HH	121216	1201124	5.05%	0.088%
166	8.742	8.722	8.766	HH	14369	197019	0.83%	0.014%
167	8.773	8.766	8.791	HH	3399	42978	0.18%	0.003%
168	8.815	8.791	8.835	HH	7614	125488	0.53%	0.009%
169	8.840	8.835	8.848	HH	3957	30294	0.13%	0.002%
170	8.862	8.848	8.883	HH	6315	92396	0.39%	0.007%
171	8.939	8.883	8.954	HH	20846	366313	1.54%	0.027%
172	8.972	8.954	8.993	HH	62740	655360	2.76%	0.048%
173	9.009	8.993	9.044	HH	8084	161323	0.68%	0.012%
174	9.063	9.044	9.079	HH	6530	91881	0.39%	0.007%
175	9.108	9.079	9.129	HH	20765	271021	1.14%	0.020%
176	9.149	9.129	9.184	HH	16918	238739	1.00%	0.018%
177	9.206	9.184	9.228	HH	5462	90137	0.38%	0.007%
178	9.264	9.228	9.281	HH	18414	254211	1.07%	0.019%
179	9.296	9.281	9.317	HH	15684	188466	0.79%	0.014%
180	9.349	9.317	9.367	HH	12445	179393	0.75%	0.013%
181	9.401	9.367	9.423	HH	16822	278314	1.17%	0.020%
182	9.443	9.423	9.461	HH	12809	172741	0.73%	0.013%
183	9.485	9.461	9.540	HH	91461	1162556	4.89%	0.085%
184	9.564	9.540	9.592	HH	18904	338148	1.42%	0.025%
185	9.606	9.592	9.617	HH	15961	177424	0.75%	0.013%
186	9.635	9.617	9.655	HH	35709	498256	2.10%	0.037%
187	9.662	9.655	9.676	HH	9644	104775	0.44%	0.008%
188	9.697	9.676	9.729	HH	22154	360426	1.52%	0.026%
189	9.747	9.729	9.781	HH	12633	242348	1.02%	0.018%
190	9.807	9.781	9.837	HH	40383	588742	2.48%	0.043%
191	9.852	9.837	9.863	HH	9080	132213	0.56%	0.010%
192	9.889	9.863	9.951	HH	207124	3041515	12.79%	0.223%
193	9.970	9.951	9.988	HH	12855	189782	0.80%	0.014%
194	10.002	9.988	10.027	HH	8373	151380	0.64%	0.011%

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195	10.043	10.027	10.051	HH	5309	68085	0.29%	0.005%
196	10.073	10.051	10.134	HH	8742	288732	1.21%	0.021%
197	10.174	10.134	10.184	HH	5134	126764	0.53%	0.009%
198	10.198	10.184	10.207	HH	5383	69623	0.29%	0.005%
199	10.230	10.207	10.265	HH	14306	320470	1.35%	0.023%
200	10.283	10.265	10.300	HH	12654	192859	0.81%	0.014%
201	10.342	10.300	10.352	HH	19086	371137	1.56%	0.027%
202	10.369	10.352	10.392	HH	37180	518553	2.18%	0.038%
203	10.410	10.392	10.442	HH	23367	389287	1.64%	0.029%
204	10.487	10.442	10.520	HH	28189	686412	2.89%	0.050%
205	10.541	10.520	10.576	HH	70146	1015914	4.27%	0.074%
206	10.582	10.576	10.597	HH	12115	136646	0.57%	0.010%
207	10.627	10.597	10.640	HH	21305	392828	1.65%	0.029%
208	10.658	10.640	10.671	HH	36233	487153	2.05%	0.036%
209	10.693	10.671	10.713	HH	65431	1066772	4.49%	0.078%
210	10.721	10.713	10.738	HH	25478	295201	1.24%	0.022%
211	10.763	10.738	10.776	HH	16374	315475	1.33%	0.023%
212	10.794	10.776	10.810	HH	27641	406232	1.71%	0.030%
213	10.823	10.810	10.844	HH	16870	294844	1.24%	0.022%
214	10.861	10.844	10.870	HH	22218	271295	1.14%	0.020%
215	10.903	10.870	10.940	HH	970455	11681066	49.12%	0.856%
216	10.971	10.940	10.990	HH	256987	2936656	12.35%	0.215%
217	10.997	10.990	11.035	HH	30070	514891	2.17%	0.038%
218	11.071	11.035	11.088	HH	13662	390665	1.64%	0.029%
219	11.101	11.088	11.119	HH	14739	240783	1.01%	0.018%
220	11.139	11.119	11.160	HH	34338	513468	2.16%	0.038%
221	11.182	11.160	11.225	HH	92827	1307272	5.50%	0.096%
222	11.258	11.225	11.273	HH	16735	383888	1.61%	0.028%
223	11.295	11.273	11.308	HH	22099	401663	1.69%	0.029%
224	11.335	11.308	11.368	HH	202668	2735026	11.50%	0.200%
225	11.425	11.368	11.445	HH	46932	1403865	5.90%	0.103%
226	11.451	11.445	11.468	HH	20252	243927	1.03%	0.018%
227	11.495	11.468	11.517	HH	33674	673526	2.83%	0.049%
228	11.546	11.517	11.565	HH	31057	656324	2.76%	0.048%
229	11.587	11.565	11.609	HH	29577	587808	2.47%	0.043%
230	11.624	11.609	11.634	HH	19002	268721	1.13%	0.020%
231	11.650	11.634	11.669	HH	25370	416133	1.75%	0.031%
232	11.700	11.669	11.714	HH	146029	1904722	8.01%	0.140%
233	11.731	11.714	11.755	HH	199675	2364701	9.94%	0.173%
234	11.764	11.755	11.773	HH	18215	191056	0.80%	0.014%
235	11.798	11.773	11.804	HH	98093	1055614	4.44%	0.077%
236	11.816	11.804	11.832	HH	139028	1617111	6.80%	0.119%
237	11.849	11.832	11.862	HH	104094	1313164	5.52%	0.096%
238	11.880	11.862	11.905	HH	142564	1895427	7.97%	0.139%
239	11.921	11.905	11.933	HH	24226	349958	1.47%	0.026%
240	11.958	11.933	11.981	HH	33147	749028	3.15%	0.055%
241	12.016	11.981	12.038	HH	31860	893721	3.76%	0.066%
242	12.062	12.038	12.081	HH	92258	1325946	5.58%	0.097%
243	12.088	12.081	12.121	HH	30189	626275	2.63%	0.046%
244	12.131	12.121	12.143	HH	24559	308585	1.30%	0.023%
245	12.168	12.143	12.191	HH	116185	1658837	6.98%	0.122%
246	12.205	12.191	12.220	HH	29276	470285	1.98%	0.034%

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247	12.227	12.220	12.241	HH	27477	330160	1.39%	0.024%
248	12.265	12.241	12.296	HH	116908	1914571	8.05%	0.140%
249	12.317	12.296	12.333	HH	38167	686634	2.89%	0.050%
250	12.349	12.333	12.366	HH	34766	575520	2.42%	0.042%
251	12.372	12.366	12.386	HH	26078	314813	1.32%	0.023%
252	12.419	12.386	12.433	HH	45159	972212	4.09%	0.071%
253	12.444	12.433	12.464	HH	38932	592961	2.49%	0.043%
254	12.491	12.464	12.531	HH	57499	1550325	6.52%	0.114%
255	12.560	12.531	12.583	HH	89918	1624763	6.83%	0.119%
256	12.604	12.583	12.624	HH	102327	1652979	6.95%	0.121%
257	12.650	12.624	12.695	HH	238186	4343509	18.27%	0.318%
258	12.737	12.695	12.761	HH	1261721	17192901	72.31%	1.260%
259	12.786	12.761	12.803	HH	37226	773373	3.25%	0.057%
260	12.820	12.803	12.836	HH	33319	589402	2.48%	0.043%
261	12.858	12.836	12.870	HH	61550	957542	4.03%	0.070%
262	12.882	12.870	12.891	HH	59877	729758	3.07%	0.053%
263	12.908	12.891	12.923	HH	80341	1202723	5.06%	0.088%
264	12.937	12.923	12.976	HH	73605	1658091	6.97%	0.122%
265	12.983	12.976	12.997	HH	39080	485941	2.04%	0.036%
266	13.037	12.997	13.058	HH	1099261	14705696	61.85%	1.078%
267	13.079	13.058	13.092	HH	141155	1820989	7.66%	0.133%
268	13.108	13.092	13.139	HH	176751	2519294	10.59%	0.185%
269	13.163	13.139	13.174	HH	38553	730000	3.07%	0.054%
270	13.194	13.174	13.207	HH	82068	1217470	5.12%	0.089%
271	13.224	13.207	13.246	HH	101244	1539710	6.48%	0.113%
272	13.288	13.246	13.310	HH	113105	2234076	9.40%	0.164%
273	13.326	13.310	13.333	HH	42339	560590	2.36%	0.041%
274	13.361	13.333	13.387	HH	62711	1573900	6.62%	0.115%
275	13.418	13.387	13.456	HH	89307	2232434	9.39%	0.164%
276	13.483	13.456	13.547	HH	137153	3630727	15.27%	0.266%
277	13.553	13.547	13.555	HH	36615	175300	0.74%	0.013%
278	13.615	13.555	13.652	HH	237983	5725330	24.08%	0.420%
279	13.678	13.652	13.696	HH	62259	1337354	5.62%	0.098%
280	13.721	13.696	13.741	HH	129722	2233331	9.39%	0.164%
281	13.762	13.741	13.783	HH	151906	2367575	9.96%	0.174%
282	13.798	13.783	13.820	HH	71302	1322959	5.56%	0.097%
283	13.852	13.820	13.876	HH	244641	4330897	18.21%	0.317%
284	13.893	13.876	13.913	HH	152548	2393301	10.07%	0.175%
285	13.933	13.913	13.971	HH	153773	2939958	12.36%	0.216%
286	14.004	13.971	14.024	HH	80197	1910803	8.04%	0.140%
287	14.046	14.024	14.060	HH	60357	1237392	5.20%	0.091%
288	14.071	14.060	14.102	HH	61871	1428332	6.01%	0.105%
289	14.119	14.102	14.131	HH	60261	986896	4.15%	0.072%
290	14.139	14.131	14.156	HH	58612	813231	3.42%	0.060%
291	14.172	14.156	14.188	HH	58754	1029486	4.33%	0.075%
292	14.200	14.188	14.222	HH	53562	1013912	4.26%	0.074%
293	14.249	14.222	14.267	HH	54420	1328112	5.59%	0.097%
294	14.318	14.267	14.332	HH	84048	2752526	11.58%	0.202%
295	14.353	14.332	14.381	HH	178411	3091105	13.00%	0.227%
296	14.417	14.381	14.434	HH	71360	2018733	8.49%	0.148%
297	14.454	14.434	14.500	HH	81654	2680073	11.27%	0.196%
298	14.528	14.500	14.549	HH	163643	3237316	13.61%	0.237%
299	14.561	14.549	14.571	HH	87708	1104414	4.64%	0.081%

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300	14.594	14.571	14.617	HH	243029	4161178	17.50%	0.305%
301	14.660	14.617	14.689	HH	197114	4944527	20.79%	0.362%
302	14.716	14.689	14.729	HH	89796	1786335	7.51%	0.131%
303	14.755	14.729	14.827	HH	247700	6981054	29.36%	0.512%
304	14.865	14.827	14.882	HH	113921	2725179	11.46%	0.200%
305	14.917	14.882	14.937	HH	685479	11071743	46.56%	0.812%
306	14.962	14.937	14.985	HH	855301	12075269	50.78%	0.885%
307	15.000	14.985	15.024	HH	91305	1869972	7.86%	0.137%
308	15.074	15.024	15.119	HH	189003	6137057	25.81%	0.450%
309	15.150	15.119	15.184	HH	131459	3708913	15.60%	0.272%
310	15.214	15.184	15.234	HH	153175	3269267	13.75%	0.240%
311	15.253	15.234	15.277	HH	126818	2932789	12.33%	0.215%
312	15.289	15.277	15.311	HH	111332	2010444	8.45%	0.147%
313	15.341	15.311	15.379	HH	195532	5420299	22.80%	0.397%
314	15.395	15.379	15.417	HH	104235	2177810	9.16%	0.160%
315	15.448	15.417	15.459	HH	89813	2114511	8.89%	0.155%
316	15.498	15.459	15.515	HH	103673	3225841	13.57%	0.236%
317	15.543	15.515	15.562	HH	119378	3008994	12.65%	0.221%
318	15.587	15.562	15.607	HH	246187	4497104	18.91%	0.330%
319	15.624	15.607	15.656	HH	162448	3677449	15.47%	0.270%
320	15.672	15.656	15.683	HH	114650	1756874	7.39%	0.129%
321	15.743	15.683	15.781	HH	171978	7768286	32.67%	0.569%
322	15.822	15.781	15.844	HH	139913	4217118	17.74%	0.309%
323	15.863	15.844	15.881	HH	106815	2305241	9.69%	0.169%
324	15.905	15.881	15.929	HH	135671	3210785	13.50%	0.235%
325	15.952	15.929	15.964	HH	146792	2570321	10.81%	0.188%
326	15.986	15.964	16.008	HH	253359	4867556	20.47%	0.357%
327	16.018	16.008	16.044	HH	127767	2487585	10.46%	0.182%
328	16.070	16.044	16.107	HH	108291	3965737	16.68%	0.291%
329	16.117	16.107	16.134	HH	108296	1671673	7.03%	0.123%
330	16.147	16.134	16.153	HH	105354	1157334	4.87%	0.085%
331	16.183	16.153	16.199	HH	127921	3276992	13.78%	0.240%
332	16.216	16.199	16.241	HH	136583	3164591	13.31%	0.232%
333	16.264	16.241	16.281	HH	153203	3208312	13.49%	0.235%
334	16.290	16.281	16.312	HH	130291	2297677	9.66%	0.168%
335	16.332	16.312	16.342	HH	131483	2279495	9.59%	0.167%
336	16.360	16.342	16.368	HH	139801	2132174	8.97%	0.156%
337	16.390	16.368	16.409	HH	164007	3580978	15.06%	0.263%
338	16.425	16.409	16.446	HH	153315	3132528	13.17%	0.230%
339	16.494	16.446	16.509	HH	740594	15359399	64.59%	1.126%
340	16.518	16.509	16.549	HH	465895	6304186	26.51%	0.462%
341	16.557	16.549	16.575	HH	134241	2072708	8.72%	0.152%
342	16.614	16.575	16.633	HH	277703	6364500	26.77%	0.467%
343	16.644	16.633	16.658	HH	159094	2285674	9.61%	0.168%
344	16.671	16.658	16.697	HH	148495	3337402	14.04%	0.245%
345	16.732	16.697	16.746	HH	166012	4420474	18.59%	0.324%
346	16.815	16.746	16.839	HH	555949	15006333	63.11%	1.100%
347	16.877	16.839	16.905	HH	698457	13373169	56.24%	0.980%
348	16.938	16.905	16.953	HH	304406	6431466	27.05%	0.471%
349	16.969	16.953	16.990	HH	322621	5346731	22.49%	0.392%
350	17.014	16.990	17.036	HH	193077	4781338	20.11%	0.350%
351	17.044	17.036	17.054	HH	163164	1707289	7.18%	0.125%

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352	17.072	17.054	17.078	HH	175946	2452144	10.31%	0.180%
353	17.108	17.078	17.147	HH	201217	7676276	32.28%	0.563%
354	17.168	17.147	17.186	HH	183027	4061775	17.08%	0.298%
355	17.226	17.186	17.292	HH	224967	12536800	52.72%	0.919%
356	17.333	17.292	17.342	HH	188088	5429063	22.83%	0.398%
357	17.369	17.342	17.381	HH	231592	4872497	20.49%	0.357%
358	17.389	17.381	17.425	HH	230926	5354405	22.52%	0.393%
359	17.451	17.425	17.467	HH	213951	4966709	20.89%	0.364%
360	17.478	17.467	17.498	HH	206884	3716631	15.63%	0.272%
361	17.527	17.498	17.550	HH	237967	6597547	27.75%	0.484%
362	17.564	17.550	17.588	HH	205321	4572179	19.23%	0.335%
363	17.592	17.588	17.604	HH	191277	1835789	7.72%	0.135%
364	17.620	17.604	17.639	HH	199200	4110126	17.29%	0.301%
365	17.642	17.639	17.649	HH	196677	1174831	4.94%	0.086%
366	17.666	17.649	17.694	HH	201736	5214784	21.93%	0.382%
367	17.708	17.694	17.724	HH	197166	3449214	14.51%	0.253%
368	17.735	17.724	17.759	HH	200819	4176689	17.57%	0.306%
369	17.831	17.759	17.880	HH	361460	17644323	74.20%	1.293%
370	17.925	17.880	17.941	HH	237882	7953105	33.45%	0.583%
371	17.958	17.941	17.976	HH	240510	4956694	20.85%	0.363%
372	18.015	17.976	18.031	HH	282202	8657265	36.41%	0.635%
373	18.042	18.031	18.093	HH	267692	9314990	39.17%	0.683%
374	18.107	18.093	18.122	HH	242974	4026144	16.93%	0.295%
375	18.153	18.122	18.174	HH	348119	8932407	37.57%	0.655%
376	18.188	18.174	18.217	HH	294014	7131293	29.99%	0.523%
377	18.257	18.217	18.276	HH	607274	13836942	58.19%	1.014%
378	18.284	18.276	18.312	HH	307969	6242554	26.25%	0.458%
379	18.327	18.312	18.346	HH	282706	5418751	22.79%	0.397%
380	18.378	18.346	18.396	HH	351093	9090218	38.23%	0.666%
381	18.412	18.396	18.473	HH	343922	13197490	55.50%	0.967%
382	18.517	18.473	18.536	HH	600689	14474776	60.87%	1.061%
383	18.551	18.536	18.557	HH	269704	3227205	13.57%	0.237%
384	18.589	18.557	18.602	HH	294457	7709062	32.42%	0.565%
385	18.642	18.602	18.652	HH	378126	9568627	40.24%	0.701%
386	18.667	18.652	18.699	HH	401092	9407377	39.56%	0.690%
387	18.706	18.699	18.712	HH	266820	2157295	9.07%	0.158%
388	18.733	18.712	18.748	HH	282026	5893760	24.79%	0.432%
389	18.767	18.748	18.774	HH	276861	4233334	17.80%	0.310%
390	18.784	18.774	18.797	HH	284967	3924849	16.51%	0.288%
391	18.826	18.797	18.856	HH	303551	10267004	43.18%	0.753%
392	18.861	18.856	18.874	HH	291219	3092172	13.00%	0.227%
393	18.894	18.874	18.898	HH	299572	4356202	18.32%	0.319%
394	18.904	18.898	18.908	HH	302077	1832542	7.71%	0.134%
395	18.936	18.908	18.956	HH	324661	8827005	37.12%	0.647%
396	18.980	18.956	18.999	HH	309115	7890448	33.18%	0.578%
397	19.025	18.999	19.054	HH	356530	10957093	46.08%	0.803%
398	19.071	19.054	19.100	HH	327608	8874171	37.32%	0.651%
399	19.113	19.100	19.146	HH	327350	8596075	36.15%	0.630%
400	19.158	19.146	19.162	HH	309944	2964850	12.47%	0.217%
401	19.187	19.162	19.214	HH	346193	10499246	44.15%	0.770%
402	19.218	19.214	19.246	HH	340045	6143559	25.84%	0.450%
403	19.274	19.246	19.279	HH	319836	6422744	27.01%	0.471%
404	19.307	19.279	19.336	HH	335974	11135785	46.83%	0.816%

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405	19.341	19.336	19.344	HH	321785	1505400	6.33%	0.110%
406	19.363	19.344	19.369	HH	330284	4951737	20.82%	0.363%
407	19.374	19.369	19.400	HH	329439	5966659	25.09%	0.437%
408	19.405	19.400	19.413	HH	318603	2439790	10.26%	0.179%
409	19.456	19.413	19.484	HH	465354	15905546	66.89%	1.166%
410	19.496	19.484	19.511	HH	346477	5436919	22.87%	0.399%
411	19.531	19.511	19.569	HH	354523	12023557	50.57%	0.881%
412	19.610	19.569	19.632	HH	368148	13353857	56.16%	0.979%
413	19.675	19.632	19.701	HH	475698	16831570	70.79%	1.234%
414	19.743	19.701	19.773	HH	509209	18659391	78.47%	1.368%
415	19.807	19.773	19.819	HH	410564	11024394	46.36%	0.808%
416	19.829	19.819	19.852	HH	420135	7977979	33.55%	0.585%
417	19.869	19.852	19.898	HH	383076	10366569	43.60%	0.760%
418	19.905	19.898	19.917	HH	371091	4237556	17.82%	0.311%
419	19.954	19.917	19.984	HH	410215	15451578	64.98%	1.133%
420	19.998	19.984	20.002	HH	389562	4364709	18.36%	0.320%
421	20.061	20.002	20.090	HH	572062	23778282	100.00%	1.743%
422	20.128	20.090	20.146	HH	459533	14394879	60.54%	1.055%
423	20.152	20.146	20.167	HH	427886	5474173	23.02%	0.401%
424	20.203	20.167	20.225	HH	566802	16419980	69.05%	1.204%
425	20.236	20.225	20.255	HH	430363	7562646	31.80%	0.554%
426	20.267	20.255	20.272	HH	426196	4289920	18.04%	0.314%
427	20.281	20.272	20.288	HH	428197	4013676	16.88%	0.294%
428	20.293	20.288	20.312	HH	428169	6131460	25.79%	0.449%
429	20.322	20.312	20.330	HH	425075	4529476	19.05%	0.332%
430	20.338	20.330	20.361	HH	423772	7737583	32.54%	0.567%
431	20.371	20.361	20.391	HH	427897	7471085	31.42%	0.548%
432	20.411	20.391	20.440	HH	418060	12252681	51.53%	0.898%
433	20.460	20.440	20.463	HH	415312	5740354	24.14%	0.421%
434	20.481	20.463	20.487	HH	421173	6005985	25.26%	0.440%
435	20.499	20.487	20.518	HH	426975	7819514	32.89%	0.573%
436	20.538	20.518	20.545	HH	423765	6637293	27.91%	0.487%
437	20.617	20.608	20.624	HH	394807	3804825	16.00%	0.279%
438	20.629	20.624	20.658	HH	397109	8087827	34.01%	0.593%
439	20.664	20.658	20.670	HH	389719	2735899	11.51%	0.201%
440	20.677	20.670	20.683	HH	390468	3047318	12.82%	0.223%
441	20.691	20.683	20.697	HH	392173	3317093	13.95%	0.243%
442	20.722	20.697	20.740	HH	403759	10100048	42.48%	0.740%
443	20.757	20.740	20.771	HH	401873	7370352	31.00%	0.540%
444	20.786	20.771	20.795	HH	402678	5850605	24.60%	0.429%
445	20.813	20.795	20.833	HH	399174	8992805	37.82%	0.659%
446	20.840	20.833	20.853	HH	388862	4598930	19.34%	0.337%
447	20.864	20.853	20.877	HH	386676	5402141	22.72%	0.396%
448	20.900	20.877	20.919	HH	377885	9452666	39.75%	0.693%
449	20.967	20.919	21.013	HH	476753	22861075	96.14%	1.676%
450	21.022	21.013	21.035	HH	374721	4699871	19.77%	0.345%
451	21.074	21.035	21.080	HH	384219	10269436	43.19%	0.753%
452	21.089	21.080	21.094	HH	385942	3092688	13.01%	0.227%
453	21.109	21.094	21.118	HH	394098	5757417	24.21%	0.422%
454	21.128	21.118	21.182	HH	392941	14559392	61.23%	1.067%
455	21.191	21.182	21.195	HH	364932	2834431	11.92%	0.208%
456	21.247	21.240	21.256	HH	349817	3216302	13.53%	0.236%

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457	21.271	21.256	21.276	HH	349724	4155110	17.47%	0.305%
458	21.320	21.276	21.339	HH	369978	13581960	57.12%	0.996%
459	21.343	21.339	21.359	HH	360852	4428403	18.62%	0.325%
460	21.374	21.359	21.382	HH	362842	5044533	21.21%	0.370%
461	21.415	21.382	21.449	HH	383817	14760129	62.07%	1.082%
462	21.487	21.449	21.493	HH	376374	9580045	40.29%	0.702%
463	21.588	21.582	21.628	HH	351836	9483416	39.88%	0.695%
464	21.634	21.628	21.649	HH	332901	4207527	17.69%	0.308%
465	21.654	21.649	21.658	HH	329544	1665716	7.01%	0.122%
466	21.699	21.658	21.711	HH	344576	10833697	45.56%	0.794%
467	21.731	21.711	21.756	HH	347674	9286550	39.05%	0.681%
468	21.763	21.756	21.793	HH	335539	7310054	30.74%	0.536%
469	21.831	21.793	21.879	HH	353805	17370899	73.05%	1.273%
470	21.922	21.879	21.962	HH	423342	18419271	77.46%	1.350%
471	21.971	21.962	22.000	HH	327602	7117812	29.93%	0.522%
472	22.018	22.000	22.051	HHA	325046	9930187	41.76%	0.728%
					Sum of corrected areas:		1364160496	

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