

Instrument :
FID_E
ClientSampleId :
QVD-WC-S-SB-01MSD

rteres

Area Percent Report

Manual Integrations
APPROVED

Ankita
1/22/2020 9:00:24 AM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012020\
Data File : FE031140.D
Signal(s) : FID1B.CH
Acq On : 20 Jan 2020 15:53
Sample : L1166-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE010420.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.335	2.285	2.477	BH	855101	7390235	18.93%	0.476%
2	2.492	2.477	2.532	PH	2348	-19569	-0.05%	-0.001%
3	2.552	2.532	2.578	PH	7029	13943	0.04%	0.001%
4	2.594	2.578	2.638	PH	-371	-60937	-0.16%	-0.004%
5	2.668	2.638	2.748	PH	-1333	-163379	-0.42%	-0.011%
6	2.770	2.748	2.845	PH	-2971	-188802	-0.48%	-0.012%
7	2.862	2.845	2.915	PH	448	-108490	-0.28%	-0.007%
8	2.925	2.915	2.940	PH	-3412	-54119	-0.14%	-0.003%
9	2.950	2.940	2.972	PH	-3584	-71603	-0.18%	-0.005%
10	2.989	2.972	3.001	PH	-3618	-63266	-0.16%	-0.004%
11	3.016	3.001	3.040	PH	-3061	-80401	-0.21%	-0.005%
12	3.058	3.040	3.090	PH	-2918	-100354	-0.26%	-0.006%
13	3.109	3.090	3.165	PH	-2999	-171557	-0.44%	-0.011%
14	3.174	3.165	3.185	PH	-4242	-49826	-0.13%	-0.003%
15	3.202	3.185	3.248	PH	-1166	-133109	-0.34%	-0.009%
16	3.263	3.248	3.301	PH	-3807	-139325	-0.36%	-0.009%
17	3.317	3.301	3.345	PH	-3277	-110397	-0.28%	-0.007%
18	3.360	3.345	3.394	PH	-4465	-139468	-0.36%	-0.009%
19	3.408	3.394	3.421	PH	-4754	-78347	-0.20%	-0.005%
20	3.428	3.421	3.449	PH	-4731	-80775	-0.21%	-0.005%
21	3.477	3.449	3.490	PH	-4694	-116877	-0.30%	-0.008%
22	3.508	3.490	3.541	PH	-4710	-151821	-0.39%	-0.010%
23	3.549	3.541	3.561	PH	-4948	-59905	-0.15%	-0.004%
24	3.597	3.561	3.665	PH	-3437	-278377	-0.71%	-0.018%
25	3.684	3.665	3.711	PH	-4136	-122788	-0.31%	-0.008%
26	3.727	3.711	3.758	PH	-4474	-132172	-0.34%	-0.009%
27	3.776	3.758	3.795	PH	-4523	-102014	-0.26%	-0.007%
28	3.801	3.795	3.832	PH	-4634	-110781	-0.28%	-0.007%
29	3.848	3.832	3.867	PH	-4656	-102777	-0.26%	-0.007%
30	3.895	3.867	3.939	PH	-2741	-191187	-0.49%	-0.012%
31	3.980	3.939	4.031	PH	61630	609812	1.56%	0.039%
32	4.057	4.031	4.118	PH	4801	-65570	-0.17%	-0.004%
33	4.137	4.118	4.155	PH	-2362	-68574	-0.18%	-0.004%
34	4.169	4.155	4.209	PH	-1273	-105572	-0.27%	-0.007%
35	4.231	4.209	4.271	PH	-3771	-161504	-0.41%	-0.010%
36	4.302	4.271	4.336	PH	-4381	-180304	-0.46%	-0.012%

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					rt	Area	Height	Area%	Height%
37	4.370	4.336	4.452	PH	892705	8168720	20.93%	0.526%	
38	4.467	4.452	4.497	PH	-3726	-106419	-0.27%	-0.007%	
39	4.516	4.497	4.571	PH	-1572	-165631	-0.42%	-0.011%	
40	4.584	4.571	4.605	PH	-4237	-91359	-0.23%	-0.006%	
41	4.617	4.605	4.633	PH	-4459	-78085	-0.20%	-0.005%	
42	4.648	4.633	4.666	PH	-4334	-92001	-0.24%	-0.006%	
43	4.709	4.666	4.730	PH	-3806	-164648	-0.42%	-0.011%	
44	4.745	4.730	4.761	PH	-4172	-84352	-0.22%	-0.005%	
45	4.776	4.761	4.811	PH	-4525	-140551	-0.36%	-0.009%	
46	4.833	4.811	4.876	PH	-4602	-188028	-0.48%	-0.012%	
47	4.897	4.876	4.907	PH	-4806	-91191	-0.23%	-0.006%	
48	4.940	4.907	4.981	PH	-2479	-166065	-0.43%	-0.011%	
49	5.024	4.981	5.069	PH	-3529	-208376	-0.53%	-0.013%	
50	5.078	5.069	5.091	PH	-4395	-60090	-0.15%	-0.004%	
51	5.104	5.091	5.155	PH	-3955	-170447	-0.44%	-0.011%	
52	5.165	5.155	5.190	PH	-4663	-101711	-0.26%	-0.007%	
53	5.220	5.190	5.266	PH	1407	-132417	-0.34%	-0.009%	
54	5.282	5.266	5.326	PH	-3947	-157950	-0.40%	-0.010%	
55	5.350	5.326	5.369	PH	-4283	-116493	-0.30%	-0.007%	
56	5.396	5.369	5.456	PH	1900	-165997	-0.43%	-0.011%	
57	5.480	5.456	5.499	PH	-1432	-92263	-0.24%	-0.006%	
58	5.508	5.499	5.541	PH	-4224	-112199	-0.29%	-0.007%	
59	5.580	5.541	5.614	PH	-4135	-192756	-0.49%	-0.012%	
60	5.654	5.614	5.720	PH	-3016	-267675	-0.69%	-0.017%	
61	5.740	5.720	5.753	PH	-4079	-85418	-0.22%	-0.005%	
62	5.767	5.753	5.791	PH	-4092	-100851	-0.26%	-0.006%	
63	5.849	5.791	5.871	PH	-3341	-196400	-0.50%	-0.013%	
64	5.883	5.871	5.919	PH	-4055	-120839	-0.31%	-0.008%	
65	5.951	5.919	5.999	PH	-1664	-128790	-0.33%	-0.008%	
66	6.012	5.999	6.063	PH	-2807	-128772	-0.33%	-0.008%	
67	6.089	6.063	6.112	PH	-52	-71560	-0.18%	-0.005%	
68	6.121	6.112	6.141	PH	-3417	-64334	-0.16%	-0.004%	
69	6.157	6.141	6.201	PH	-3568	-140684	-0.36%	-0.009%	
70	6.223	6.201	6.258	PH	-1551	-106215	-0.27%	-0.007%	
71	6.269	6.258	6.290	PH	-3348	-68402	-0.18%	-0.004%	
72	6.310	6.290	6.323	PH	-3652	-74171	-0.19%	-0.005%	
73	6.336	6.323	6.343	PH	-3722	-45264	-0.12%	-0.003%	
74	6.379	6.343	6.480	PH	843654	8423723	21.58%	0.542%	
75	6.524	6.480	6.568	PH	-1491	-139061	-0.36%	-0.009%	
76	6.575	6.568	6.611	PH	-2793	-81000	-0.21%	-0.005%	
77	6.651	6.611	6.676	PH	-2578	-123044	-0.32%	-0.008%	
78	6.700	6.676	6.711	PH	-3372	-74876	-0.19%	-0.005%	
79	6.728	6.711	6.753	PH	-3070	-82803	-0.21%	-0.005%	
80	6.777	6.753	6.799	PH	-2876	-92925	-0.24%	-0.006%	
81	6.809	6.799	6.827	PH	-3668	-61201	-0.16%	-0.004%	
82	6.870	6.827	6.920	PH	134	-126725	-0.32%	-0.008%	
83	6.935	6.920	6.959	PH	-2639	-70041	-0.18%	-0.005%	
84	7.005	6.959	7.020	PH	-1181	-94030	-0.24%	-0.006%	
85	7.033	7.020	7.058	PH	-1611	-53643	-0.14%	-0.003%	
86	7.077	7.058	7.118	PH	-1787	-101694	-0.26%	-0.007%	
87	7.137	7.118	7.158	PH	-1607	-62065	-0.16%	-0.004%	
88	7.175	7.158	7.235	PH	-2351	-138179	-0.35%	-0.009%	
89	7.300	7.235	7.326	PH	3590	-86804	-0.22%	-0.006%	

					rt	Area	Area%	Height
90	7.333	7.326	7.356	PH	-2638	-51705	-0.13%	-0.003%
91	7.366	7.356	7.405	PH	-3037	-94437	-0.24%	-0.006%
92	7.428	7.405	7.443	PH	-2712	-68161	-0.17%	-0.004%
93	7.473	7.443	7.495	PH	-2413	-87662	-0.22%	-0.006%
94	7.516	7.495	7.537	PH	-2291	-69186	-0.18%	-0.004%
95	7.550	7.537	7.567	PH	-2353	-47725	-0.12%	-0.003%
96	7.585	7.567	7.617	PH	-1749	-79860	-0.20%	-0.005%
97	7.645	7.617	7.688	PH	-2332	-116211	-0.30%	-0.007%
98	7.752	7.688	7.800	PH	-269	-137320	-0.35%	-0.009%
99	7.820	7.800	7.842	PH	-2050	-63236	-0.16%	-0.004%
100	7.867	7.842	7.886	PH	-1082	-52568	-0.13%	-0.003%
101	7.909	7.886	7.965	PH	-1102	-94816	-0.24%	-0.006%
102	7.992	7.965	8.017	PH	300	-41649	-0.11%	-0.003%
103	8.027	8.017	8.039	PH	-2156	-28811	-0.07%	-0.002%
104	8.071	8.039	8.085	PH	-1042	-43234	-0.11%	-0.003%
105	8.101	8.085	8.113	PH	-209	-13898	-0.04%	-0.001%
106	8.176	8.113	8.210	PH	816623	9806024	25.12%	0.631%
107	8.236	8.210	8.386	HH	142815	1811445	4.64%	0.117%
108	8.400	8.386	8.473	PH	-152	-59166	-0.15%	-0.004%
109	8.497	8.473	8.510	PH	-1626	-39105	-0.10%	-0.003%
110	8.549	8.510	8.559	PH	-724	-29984	-0.08%	-0.002%
111	8.580	8.559	8.611	PH	1868	10464	0.03%	0.001%
112	8.654	8.611	8.684	PH	2111	32866	0.08%	0.002%
113	8.707	8.684	8.739	PH	3152	17793	0.05%	0.001%
114	8.761	8.739	8.801	PH	-294	-30044	-0.08%	-0.002%
115	8.821	8.801	8.841	PH	-232	-17299	-0.04%	-0.001%
116	8.857	8.841	8.877	PH	-310	-16832	-0.04%	-0.001%
117	8.914	8.877	8.958	PH	867	-14361	-0.04%	-0.001%
118	8.994	8.958	9.019	PH	11091	109290	0.28%	0.007%
119	9.032	9.019	9.069	PH	522	-4766	-0.01%	-0.000%
120	9.078	9.069	9.114	PH	-772	-29287	-0.08%	-0.002%
121	9.143	9.114	9.162	PH	-167	-21742	-0.06%	-0.001%
122	9.178	9.162	9.189	PH	-351	-11629	-0.03%	-0.001%
123	9.199	9.189	9.212	PH	-585	-9826	-0.03%	-0.001%
124	9.227	9.212	9.242	PH	-650	-15225	-0.04%	-0.001%
125	9.281	9.242	9.309	PH	-74	-26173	-0.07%	-0.002%
126	9.335	9.309	9.352	PH	4086	43150	0.11%	0.003%
127	9.371	9.352	9.398	HH	3432	59147	0.15%	0.004%
128	9.409	9.398	9.425	HH	1025	10751	0.03%	0.001%
129	9.448	9.425	9.474	HH	1693	28191	0.07%	0.002%
130	9.497	9.474	9.533	PH	2115	32439	0.08%	0.002%
131	9.551	9.533	9.583	HH	1368	13402	0.03%	0.001%
132	9.607	9.583	9.632	PH	1932	16678	0.04%	0.001%
133	9.647	9.632	9.666	PH	280	-1374	-0.00%	-0.000%
134	9.713	9.666	9.741	PH	2213	47800	0.12%	0.003%
135	9.779	9.741	9.865	HH	741477	8757439	22.43%	0.564%
136	9.880	9.865	9.899	HH	2212	33687	0.09%	0.002%
137	9.926	9.899	10.009	HH	30545	444799	1.14%	0.029%
138	10.019	10.009	10.031	HH	379	4605	0.01%	0.000%
139	10.045	10.031	10.064	HH	628	7786	0.02%	0.001%
140	10.115	10.064	10.135	HH	2196	49537	0.13%	0.003%
141	10.161	10.135	10.183	HH	5990	97646	0.25%	0.006%

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142	10.221	10.183	10.238	HH	3561	92176	0.24%	0.006%	
143	10.249	10.238	10.275	HH	3348	53245	0.14%	0.003%	
144	10.307	10.275	10.342	HH	2913	76650	0.20%	0.005%	
145	10.387	10.342	10.407	HH	3115	95124	0.24%	0.006%	
146	10.433	10.407	10.454	HH	3669	87359	0.22%	0.006%	
147	10.469	10.454	10.481	HH	3826	55703	0.14%	0.004%	
148	10.514	10.481	10.556	HH	13919	272921	0.70%	0.018%	
149	10.583	10.556	10.611	HH	9250	186494	0.48%	0.012%	
150	10.646	10.611	10.694	HH	4381	147949	0.38%	0.010%	
151	10.736	10.694	10.748	HH	3086	78113	0.20%	0.005%	
152	10.773	10.748	10.823	HH	18257	457279	1.17%	0.029%	
153	10.850	10.823	10.878	HH	10162	222242	0.57%	0.014%	
154	10.904	10.878	10.922	HH	5099	120366	0.31%	0.008%	
155	10.932	10.922	10.943	HH	4037	51068	0.13%	0.003%	
156	10.967	10.943	11.003	HH	4580	134924	0.35%	0.009%	
157	11.026	11.003	11.058	HH	3834	112490	0.29%	0.007%	
158	11.079	11.058	11.107	HH	6053	136540	0.35%	0.009%	
159	11.147	11.107	11.158	HH	4746	128291	0.33%	0.008%	
160	11.223	11.158	11.276	HH	726687	9008834	23.08%	0.580%	
161	11.300	11.276	11.343	HH	13893	354980	0.91%	0.023%	
162	11.375	11.343	11.392	HH	6477	160190	0.41%	0.010%	
163	11.414	11.392	11.445	HH	8067	202833	0.52%	0.013%	
164	11.484	11.445	11.547	HH	14404	491690	1.26%	0.032%	
165	11.581	11.547	11.596	HH	13256	287887	0.74%	0.019%	
166	11.608	11.596	11.622	HH	12354	176938	0.45%	0.011%	
167	11.644	11.622	11.675	HH	26540	537764	1.38%	0.035%	
168	11.691	11.675	11.711	HH	12564	245523	0.63%	0.016%	
169	11.724	11.711	11.739	HH	11206	165459	0.42%	0.011%	
170	11.756	11.739	11.798	HH	11552	323685	0.83%	0.021%	
171	11.826	11.798	11.841	HH	8148	194320	0.50%	0.013%	
172	11.889	11.841	11.924	HH	18180	577135	1.48%	0.037%	
173	11.943	11.924	11.961	HH	13810	258958	0.66%	0.017%	
174	11.986	11.961	12.031	HH	17795	522406	1.34%	0.034%	
175	12.050	12.031	12.066	HH	10734	211220	0.54%	0.014%	
176	12.077	12.066	12.095	HH	10039	166631	0.43%	0.011%	
177	12.165	12.095	12.214	HH	217176	4263683	10.92%	0.274%	
178	12.255	12.214	12.287	HH	14854	608831	1.56%	0.039%	
179	12.309	12.287	12.338	HH	15426	435674	1.12%	0.028%	
180	12.359	12.338	12.377	HH	15375	339249	0.87%	0.022%	
181	12.387	12.377	12.406	HH	14617	244371	0.63%	0.016%	
182	12.440	12.406	12.456	HH	16736	448531	1.15%	0.029%	
183	12.478	12.456	12.498	HH	20704	455089	1.17%	0.029%	
184	12.537	12.498	12.569	HH	726251	9367893	24.00%	0.603%	
185	12.595	12.569	12.658	HH	68351	1580433	4.05%	0.102%	
186	12.670	12.658	12.684	HH	16283	248278	0.64%	0.016%	
187	12.697	12.684	12.708	HH	16159	232616	0.60%	0.015%	
188	12.734	12.708	12.744	HH	17401	362851	0.93%	0.023%	
189	12.778	12.744	12.818	HH	24371	923623	2.37%	0.059%	
190	12.824	12.818	12.866	HH	20401	570101	1.46%	0.037%	
191	12.894	12.866	12.913	HH	66466	1114050	2.85%	0.072%	
192	12.939	12.913	13.000	HH	224129	4414536	11.31%	0.284%	
193	13.019	13.000	13.043	HH	33820	749635	1.92%	0.048%	
194	13.074	13.043	13.091	HH	25340	700229	1.79%	0.045%	

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195	13.107	13.091	13.119	HH	25098	413949	1.06%	0.027%	
196	13.146	13.119	13.188	HH	41662	1431614	3.67%	0.092%	
197	13.216	13.188	13.235	HH	39144	997372	2.55%	0.064%	
198	13.257	13.235	13.303	HH	63767	1621303	4.15%	0.104%	
199	13.320	13.303	13.331	HH	29053	482611	1.24%	0.031%	
200	13.385	13.331	13.441	HH	109865	3099661	7.94%	0.200%	
201	13.488	13.441	13.508	HH	40309	1410192	3.61%	0.091%	
202	13.528	13.508	13.541	HH	36824	702530	1.80%	0.045%	
203	13.553	13.541	13.569	HH	36734	603258	1.55%	0.039%	
204	13.596	13.569	13.620	HH	40016	1159134	2.97%	0.075%	
205	13.659	13.620	13.669	HH	42880	1193217	3.06%	0.077%	
206	13.676	13.669	13.699	HH	42355	734869	1.88%	0.047%	
207	13.739	13.699	13.798	HH	733956	11182564	28.65%	0.720%	
208	13.804	13.798	13.825	HH	45100	694419	1.78%	0.045%	
209	13.838	13.825	13.854	HH	42371	726988	1.86%	0.047%	
210	13.884	13.854	13.907	HH	43655	1356820	3.48%	0.087%	
211	13.961	13.907	13.991	HH	47237	2262423	5.80%	0.146%	
212	14.020	13.991	14.058	HH	49233	1874000	4.80%	0.121%	
213	14.069	14.058	14.078	HH	47215	552078	1.41%	0.036%	
214	14.132	14.078	14.173	HH	84986	3367119	8.63%	0.217%	
215	14.238	14.173	14.271	HH	62222	3198304	8.19%	0.206%	
216	14.297	14.271	14.324	HH	77510	2021571	5.18%	0.130%	
217	14.358	14.324	14.382	HH	95633	2475201	6.34%	0.159%	
218	14.404	14.382	14.444	HH	69291	2337715	5.99%	0.150%	
219	14.469	14.444	14.489	HH	64327	1623661	4.16%	0.105%	
220	14.520	14.489	14.531	HH	65583	1608725	4.12%	0.104%	
221	14.546	14.531	14.566	HH	67543	1344988	3.45%	0.087%	
222	14.588	14.566	14.605	HH	64901	1474714	3.78%	0.095%	
223	14.638	14.605	14.668	HH	390593	6885517	17.64%	0.443%	
224	14.691	14.668	14.717	HH	72182	2051747	5.26%	0.132%	
225	14.785	14.717	14.803	HH	92822	3933755	10.08%	0.253%	
226	14.846	14.803	14.875	HH	690922	11841896	30.33%	0.762%	
227	14.889	14.875	14.901	HH	80006	1258945	3.22%	0.081%	
228	14.915	14.901	14.928	HH	81130	1267513	3.25%	0.082%	
229	14.939	14.928	14.955	HH	80967	1323400	3.39%	0.085%	
230	14.965	14.955	15.007	HH	80246	2434271	6.24%	0.157%	
231	15.033	15.007	15.065	HH	81234	2755025	7.06%	0.177%	
232	15.097	15.065	15.128	HH	85184	3124000	8.00%	0.201%	
233	15.173	15.128	15.192	HH	85918	3218442	8.24%	0.207%	
234	15.227	15.192	15.318	HH	319347	10364100	26.55%	0.667%	
235	15.361	15.318	15.397	HH	123287	4784238	12.26%	0.308%	
236	15.431	15.397	15.445	HH	106565	2899555	7.43%	0.187%	
237	15.460	15.445	15.478	HH	108403	2054806	5.26%	0.132%	
238	15.497	15.478	15.530	HH	107017	3168139	8.12%	0.204%	
239	15.622	15.530	15.644	HH	112175	7144542	18.30%	0.460%	
240	15.655	15.644	15.662	HH	107384	1131926	2.90%	0.073%	
241	15.687	15.662	15.718	HH	110163	3628052	9.29%	0.234%	
242	15.750	15.718	15.767	HH	119563	3370055	8.63%	0.217%	
243	15.781	15.767	15.793	HH	115823	1768035	4.53%	0.114%	
244	15.871	15.793	15.920	HH	739092	17496321	44.82%	1.126%	
245	15.932	15.920	15.948	HH	122607	2045225	5.24%	0.132%	
246	15.972	15.948	15.983	HH	123060	2559884	6.56%	0.165%	

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Manual Integrations
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rteres								
247	15.998	15.983	16.019	HH	125567	2628987	6.73%	0.169%
248	16.070	16.019	16.087	HH	135829	5343002	13.69%	0.344%
249	16.162	16.087	16.191	HH	156704	8921828	22.85%	0.574%
250	16.250	16.191	16.285	HH	167352	8522287	21.83%	0.549%
251	16.352	16.285	16.408	HH	252053	12863904	32.95%	0.828%
252	16.438	16.408	16.455	HH	169863	4603084	11.79%	0.296%
253	16.485	16.455	16.524	HH	180271	7093745	18.17%	0.457%
254	16.549	16.524	16.589	HH	176495	6730311	17.24%	0.433%
255	16.646	16.589	16.658	HH	183729	7311903	18.73%	0.471%
256	16.679	16.658	16.711	HH	199835	5985270	15.33%	0.385%
257	16.735	16.711	16.768	HH	205315	6540904	16.76%	0.421%
258	16.826	16.768	16.855	HH	816793	18937748	48.51%	1.219%
259	17.867	17.855	16.901	HH	215874	5763919	14.77%	0.371%
260	16.917	16.901	16.934	HH	198741	3869667	9.91%	0.249%
261	17.064	16.934	17.078	HH	219170	17799002	45.59%	1.146%
262	17.135	17.078	17.168	HH	229390	11961649	30.64%	0.770%
263	17.199	17.168	17.225	HH	237509	7875478	20.17%	0.507%
264	17.273	17.225	17.321	HH	319904	14745217	37.77%	0.949%
265	17.346	17.321	17.363	HH	242234	5933981	15.20%	0.382%
266	17.384	17.363	17.423	HH	259902	8950329	22.93%	0.576%
267	17.451	17.423	17.475	HH	255583	7663979	19.63%	0.493%
268	17.491	17.475	17.512	HH	246481	5348266	13.70%	0.344%
269	17.556	17.512	17.578	HH	253437	9946692	25.48%	0.640%
270	17.632	17.578	17.644	HH	264473	10263643	26.29%	0.661%
271	17.659	17.644	17.672	HH	271346	4391065	11.25%	0.283%
272	17.719	17.672	17.788	HH	876383	27808921	71.24%	1.790%
273	17.856	17.788	17.875	HH	308294	15006208	38.44%	0.966%
274	17.899	17.875	17.946	HH	295951	12443692	31.88%	0.801%
275	17.951	17.946	17.964	HH	289064	3031082	7.76%	0.195%
276	17.986	17.964	17.995	HH	294352	5467749	14.01%	0.352%
277	18.035	17.995	18.049	HH	314523	9787412	25.07%	0.630%
278	18.079	18.049	18.109	HH	389446	12427157	31.83%	0.800%
279	18.137	18.109	18.162	HH	391742	10809805	27.69%	0.696%
280	18.199	18.162	18.210	HH	325829	9172687	23.50%	0.590%
281	18.228	18.210	18.245	HH	342268	7094696	18.17%	0.457%
282	18.255	18.245	18.276	HH	330336	5932472	15.20%	0.382%
283	18.312	18.276	18.327	HH	328088	9970681	25.54%	0.642%
284	18.345	18.327	18.357	HH	330795	5834851	14.95%	0.376%
285	18.382	18.357	18.422	HH	345976	13100893	33.56%	0.843%
286	18.433	18.422	18.450	HH	336683	5642811	14.45%	0.363%
287	18.469	18.450	18.480	HH	337624	5997027	15.36%	0.386%
288	18.554	18.480	18.591	HH	898243	31385853	80.40%	2.020%
289	18.650	18.591	18.668	HH	376189	16465530	42.18%	1.060%
290	18.700	18.668	18.770	HH	377903	22498761	57.63%	1.448%
291	18.791	18.770	18.800	HH	374035	6596965	16.90%	0.425%
292	18.820	18.800	18.832	HH	381878	7259226	18.60%	0.467%
293	18.843	18.832	18.859	HH	380613	6123533	15.69%	0.394%
294	18.913	18.859	18.934	HH	433535	17974132	46.04%	1.157%
295	18.949	18.934	19.007	HH	422008	17945671	45.97%	1.155%
296	19.045	19.007	19.064	HH	408594	13804608	35.36%	0.889%
297	19.075	19.064	19.103	HH	407481	9514216	24.37%	0.612%
298	19.112	19.103	19.120	HH	407205	4114387	10.54%	0.265%
299	19.134	19.120	19.145	HH	408605	6175427	15.82%	0.397%

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rteres								
300	19.153	19.145	19.159	HH	406888	3402077	8.71%	0.219%
301	19.191	19.159	19.201	HH	412086	10270178	26.31%	0.661%
302	19.224	19.201	19.259	HH	417127	14139780	36.22%	0.910%
303	19.273	19.259	19.287	HH	413521	6959602	17.83%	0.448%
304	19.340	19.287	19.394	HH	885885	33880171	86.79%	2.181%
305	19.412	19.394	19.422	HH	435817	7233908	18.53%	0.466%
306	19.460	19.422	19.492	HH	445794	18482013	47.34%	1.190%
307	19.512	19.492	19.529	HH	455773	9916895	25.40%	0.638%
308	19.564	19.529	19.575	HH	461156	12472480	31.95%	0.803%
309	19.617	19.575	19.651	HH	467226	21124009	54.11%	1.360%
310	19.700	19.651	19.742	HH	498391	26173641	67.05%	1.685%
311	19.764	19.742	19.815	HH	482674	21094798	54.04%	1.358%
312	19.826	19.815	19.834	HH	488094	5555133	14.23%	0.358%
313	19.868	19.834	19.879	HH	497648	13122702	33.62%	0.845%
314	19.953	19.879	19.969	HH	515346	27162834	69.58%	1.748%
315	20.006	19.969	20.038	HH	518722	21347727	54.69%	1.374%
316	20.083	20.038	20.128	HH	913547	34122978	87.41%	2.196%
317	20.146	20.128	20.180	HH	546908	16928221	43.36%	1.090%
318	20.194	20.180	20.204	HH	546126	7615457	19.51%	0.490%
319	20.275	20.204	20.321	HH	563394	39037384	100.00%	2.513%
320	20.346	20.321	20.361	HH	563517	13505118	34.60%	0.869%
321	20.373	20.361	20.391	HH	568423	10153608	26.01%	0.654%
322	20.434	20.391	20.477	HH	574340	28638120	73.36%	1.843%
323	20.490	20.477	20.515	HH	555281	12428085	31.84%	0.800%
324	20.522	20.515	20.559	HH	542829	14386951	36.85%	0.926%
325	20.570	20.559	20.583	HH	538719	7411109	18.98%	0.477%
326	20.603	20.583	20.678	HH	540686	30461053	78.03%	1.961%
327	20.686	20.678	20.703	HH	531047	7945461	20.35%	0.511%
328	20.710	20.703	20.735	HH	530299	9988861	25.59%	0.643%
329	20.756	20.735	20.767	HH	519882	9888333	25.33%	0.636%
330	20.818	20.767	20.865	HH	812310	35728062	91.52%	2.300%
331	20.875	20.865	20.908	HH	511031	13225293	33.88%	0.851%
332	20.917	20.908	20.936	HH	509830	8323494	21.32%	0.536%
333	20.962	20.936	21.015	HH	507354	23950237	61.35%	1.542%
334	21.023	21.015	21.041	HH	506585	8004833	20.51%	0.515%
335	21.051	21.041	21.072	HH	504155	9224522	23.63%	0.594%
336	21.088	21.072	21.155	HH	499118	24492629	62.74%	1.576%
337	21.256	21.155	21.284	HH	494066	37689254	96.55%	2.426%
338	21.294	21.284	21.324	HH	491835	11694133	29.96%	0.753%
339	21.344	21.324	21.375	HH	489290	14804025	37.92%	0.953%
340	21.387	21.375	21.441	HH	485426	19058722	48.82%	1.227%
341	21.451	21.441	21.511	HH	468678	19358765	49.59%	1.246%
342	21.524	21.511	21.534	HH	460213	6171297	15.81%	0.397%
343	21.550	21.534	21.595	HH	461590	16740864	42.88%	1.077%
344	21.614	21.595	21.659	HH	460152	17495949	44.82%	1.126%
345	21.723	21.659	21.751	HHA	663495	30584911	78.35%	1.969%

Sum of corrected areas: 1553687066

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