

Instrument :
FID_E
ClientSampleId :
WASTE

rteres

Area Percent Report

Manual Integrations
APPROVED

mohammad
7/15/2021 2:30:46 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071421\
Data File : FE034051.D
Signal(s) : FID1B.CH
Acq On : 15 Jul 2021 9:04
Sample : M3028-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE062321.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.395	2.353	2.416	BH	363	-4227	-0.05%	-0.001%
2	2.423	2.416	2.456	PH	-418	-13000	-0.16%	-0.003%
3	2.459	2.456	2.488	PH	-602	-14035	-0.18%	-0.003%
4	2.501	2.488	2.510	PH	-767	-10730	-0.13%	-0.002%
5	2.525	2.510	2.536	PH	-668	-12680	-0.16%	-0.003%
6	2.543	2.536	2.553	PH	-873	-9368	-0.12%	-0.002%
7	2.564	2.553	2.584	PH	-474	-14886	-0.19%	-0.003%
8	2.588	2.584	2.594	PH	-1043	-6343	-0.08%	-0.001%
9	2.599	2.594	2.611	PH	-1022	-11150	-0.14%	-0.002%
10	2.621	2.611	2.639	PH	-1122	-20616	-0.26%	-0.005%
11	2.652	2.639	2.687	PH	-421	-29378	-0.37%	-0.006%
12	2.693	2.687	2.699	PH	-1255	-9549	-0.12%	-0.002%
13	2.702	2.699	2.706	PH	-1294	-4980	-0.06%	-0.001%
14	2.712	2.706	2.730	PH	-1134	-20016	-0.25%	-0.004%
15	2.743	2.730	2.764	PH	-916	-24846	-0.31%	-0.005%
16	2.772	2.764	2.787	PH	-1381	-19927	-0.25%	-0.004%
17	2.802	2.787	2.817	PH	-1314	-27002	-0.34%	-0.006%
18	2.836	2.817	2.842	PH	-1316	-21277	-0.27%	-0.005%
19	2.854	2.842	2.890	PH	-1191	-45004	-0.56%	-0.010%
20	2.923	2.890	2.970	PH	-660	-72025	-0.90%	-0.016%
21	2.989	2.970	3.009	PH	-1425	-39656	-0.49%	-0.009%
22	3.014	3.009	3.044	PH	-1704	-39679	-0.50%	-0.009%
23	3.060	3.044	3.066	PH	-1851	-24647	-0.31%	-0.005%
24	3.100	3.066	3.132	PH	-1276	-64763	-0.81%	-0.014%
25	3.143	3.132	3.157	PH	-1683	-27075	-0.34%	-0.006%
26	3.175	3.157	3.206	PH	-544	-41453	-0.52%	-0.009%
27	3.211	3.206	3.225	PH	-1780	-21579	-0.27%	-0.005%
28	3.238	3.225	3.251	PH	-1695	-28348	-0.35%	-0.006%
29	3.265	3.251	3.288	PH	-1574	-39762	-0.50%	-0.009%
30	3.292	3.288	3.304	PH	-1927	-18551	-0.23%	-0.004%
31	3.312	3.304	3.348	PH	-1929	-54903	-0.69%	-0.012%
32	3.353	3.348	3.357	PH	-2082	-11693	-0.15%	-0.003%
33	3.364	3.357	3.370	PH	-2102	-16930	-0.21%	-0.004%
34	3.383	3.370	3.396	PH	-1854	-31131	-0.39%	-0.007%
35	3.401	3.396	3.405	PH	-2098	-10538	-0.13%	-0.002%
36	3.413	3.405	3.425	PH	-2065	-25346	-0.32%	-0.006%

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37	3.430	3.425	3.459	PH	-2068	-44227	-0.55%	-0.010%
38	3.479	3.459	3.486	PH	-1990	-32965	-0.41%	-0.007%
39	3.490	3.486	3.518	PH	-2008	-40961	-0.51%	-0.009%
40	3.524	3.518	3.530	PH	-2151	-15648	-0.20%	-0.003%
41	3.539	3.530	3.554	PH	-2135	-31003	-0.39%	-0.007%
42	3.573	3.554	3.601	PH	-1916	-59221	-0.74%	-0.013%
43	3.618	3.601	3.630	PH	-2118	-37865	-0.47%	-0.008%
44	3.636	3.630	3.642	PH	-1995	-14822	-0.19%	-0.003%
45	3.654	3.642	3.666	PH	-1904	-29076	-0.36%	-0.006%
46	3.681	3.666	3.693	PH	-1772	-31059	-0.39%	-0.007%
47	3.699	3.693	3.722	PH	-1919	-35119	-0.44%	-0.008%
48	3.728	3.722	3.732	PH	-1992	-11991	-0.15%	-0.003%
49	3.748	3.732	3.782	PH	-1160	-49732	-0.62%	-0.011%
50	3.790	3.782	3.803	PH	-1799	-23553	-0.29%	-0.005%
51	3.806	3.803	3.822	PH	-1897	-22939	-0.29%	-0.005%
52	3.831	3.822	3.836	PH	-1863	-16721	-0.21%	-0.004%
53	3.849	3.836	3.860	PH	-1564	-25341	-0.32%	-0.006%
54	3.866	3.860	3.899	PH	-1768	-44349	-0.55%	-0.010%
55	3.917	3.899	3.930	PH	-1800	-35527	-0.44%	-0.008%
56	3.939	3.930	3.944	PH	-1747	-16323	-0.20%	-0.004%
57	3.959	3.944	3.999	PH	-1619	-60788	-0.76%	-0.013%
58	4.005	3.999	4.007	PH	-1951	-9373	-0.12%	-0.002%
59	4.015	4.007	4.019	PH	-1866	-13745	-0.17%	-0.003%
60	4.023	4.019	4.026	PH	-1884	-8109	-0.10%	-0.002%
61	4.055	4.026	4.074	PH	-1369	-45315	-0.57%	-0.010%
62	4.091	4.074	4.109	PH	-1258	-29105	-0.36%	-0.006%
63	4.120	4.109	4.135	PH	-1236	-20969	-0.26%	-0.005%
64	4.139	4.135	4.167	PH	-1358	-30293	-0.38%	-0.007%
65	4.204	4.167	4.221	PH	-1398	-49083	-0.61%	-0.011%
66	4.236	4.221	4.283	PH	-448	-40098	-0.50%	-0.009%
67	4.308	4.283	4.341	PH	-1029	-48580	-0.61%	-0.011%
68	4.348	4.341	4.357	PH	-1455	-15027	-0.19%	-0.003%
69	4.362	4.357	4.377	PH	-1509	-18691	-0.23%	-0.004%
70	4.383	4.377	4.410	PH	-1497	-30849	-0.39%	-0.007%
71	4.432	4.410	4.453	PH	-1069	-35975	-0.45%	-0.008%
72	4.457	4.453	4.463	PH	-1473	-9393	-0.12%	-0.002%
73	4.473	4.463	4.484	PH	-1430	-19272	-0.24%	-0.004%
74	4.503	4.484	4.518	PH	-1208	-27230	-0.34%	-0.006%
75	4.531	4.518	4.541	PH	-1241	-18188	-0.23%	-0.004%
76	4.551	4.541	4.562	PH	-1203	-15853	-0.20%	-0.003%
77	4.580	4.562	4.627	PH	-79	-39260	-0.49%	-0.009%
78	4.651	4.627	4.676	PH	-750	-31974	-0.40%	-0.007%
79	4.685	4.676	4.694	PH	-1168	-13691	-0.17%	-0.003%
80	4.717	4.694	4.749	PH	-735	-38886	-0.49%	-0.009%
81	4.793	4.749	4.803	PH	-1016	-39441	-0.49%	-0.009%
82	4.810	4.803	4.834	PH	-889	-19314	-0.24%	-0.004%
83	4.842	4.834	4.847	PH	-979	-8316	-0.10%	-0.002%
84	4.860	4.847	4.884	PH	-901	-23034	-0.29%	-0.005%
85	4.902	4.884	4.915	PH	-1071	-21698	-0.27%	-0.005%
86	4.925	4.915	4.953	PH	-1016	-26106	-0.33%	-0.006%
87	4.956	4.953	4.961	PH	-1252	-6409	-0.08%	-0.001%
88	4.986	4.961	4.994	PH	-1151	-24531	-0.31%	-0.005%
89	4.998	4.994	5.004	PH	-1056	-6401	-0.08%	-0.001%

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90	5.027	5.004	5.044	PH	-853	-24024	-0.30%	-0.005%
91	5.072	5.044	5.086	PH	-818	-25206	-0.31%	-0.006%
92	5.111	5.086	5.136	PH	-708	-25765	-0.32%	-0.006%
93	5.141	5.136	5.144	PH	-913	-4845	-0.06%	-0.001%
94	5.172	5.144	5.213	PH	-589	-33011	-0.41%	-0.007%
95	5.238	5.213	5.247	PH	-692	-16821	-0.21%	-0.004%
96	5.252	5.247	5.265	PH	-802	-9017	-0.11%	-0.002%
97	5.288	5.265	5.330	PH	918	-6399	-0.08%	-0.001%
98	5.347	5.330	5.388	PH	-188	-18105	-0.23%	-0.004%
99	5.393	5.388	5.398	PH	-731	-4808	-0.06%	-0.001%
100	5.408	5.398	5.413	PH	-643	-6703	-0.08%	-0.001%
101	5.428	5.413	5.444	PH	-529	-12276	-0.15%	-0.003%
102	5.462	5.444	5.510	PH	-141	-15510	-0.19%	-0.003%
103	5.524	5.510	5.538	PH	-330	-7640	-0.10%	-0.002%
104	5.549	5.538	5.558	PH	-413	-5527	-0.07%	-0.001%
105	5.575	5.558	5.596	PH	44	-5510	-0.07%	-0.001%
106	5.601	5.596	5.609	PH	-332	-3153	-0.04%	-0.001%
107	5.632	5.609	5.645	PH	-140	-5610	-0.07%	-0.001%
108	5.649	5.645	5.673	PH	-193	-6157	-0.08%	-0.001%
109	5.695	5.673	5.711	PH	-225	-8367	-0.10%	-0.002%
110	5.733	5.711	5.741	PH	-169	-5336	-0.07%	-0.001%
111	5.767	5.741	5.791	PH	28	-5019	-0.06%	-0.001%
112	5.804	5.791	5.815	PH	-81	-2924	-0.04%	-0.001%
113	5.821	5.815	5.826	PH	-134	-1158	-0.01%	-0.000%
114	5.831	5.826	5.844	PH	-92	-1821	-0.02%	-0.000%
115	5.848	5.844	5.860	PH	-217	-2475	-0.03%	-0.001%
116	5.916	5.860	5.938	PH	347	1606	0.02%	0.000%
117	5.942	5.938	5.946	HH	81	299	0.00%	0.000%
118	5.952	5.946	5.961	HH	227	954	0.01%	0.000%
119	5.981	5.961	5.987	HH	254	2558	0.03%	0.001%
120	5.995	5.987	5.999	HH	291	1663	0.02%	0.000%
121	6.024	5.999	6.066	HH	941	28353	0.35%	0.006%
122	6.091	6.066	6.135	HH	1147	34499	0.43%	0.008%
123	6.158	6.135	6.196	HH	1156	29181	0.36%	0.006%
124	6.203	6.196	6.207	HH	589	3489	0.04%	0.001%
125	6.223	6.207	6.268	HH	764	21356	0.27%	0.005%
126	6.291	6.268	6.308	HH	1363	21402	0.27%	0.005%
127	6.312	6.308	6.319	HH	744	5016	0.06%	0.001%
128	6.331	6.319	6.353	HH	975	15371	0.19%	0.003%
129	6.363	6.353	6.394	HH	727	15918	0.20%	0.003%
130	6.404	6.394	6.419	HH	657	8666	0.11%	0.002%
131	6.442	6.419	6.489	HH	1235	31622	0.39%	0.007%
132	6.494	6.489	6.498	HH	667	3519	0.04%	0.001%
133	6.521	6.498	6.569	HH	962	28855	0.36%	0.006%
134	6.595	6.569	6.608	HH	950	17768	0.22%	0.004%
135	6.616	6.608	6.622	HH	736	6100	0.08%	0.001%
136	6.629	6.622	6.638	HH	756	6855	0.09%	0.002%
137	6.643	6.638	6.674	HH	764	15200	0.19%	0.003%
138	6.681	6.674	6.685	HH	762	4735	0.06%	0.001%
139	6.693	6.685	6.699	HH	780	5640	0.07%	0.001%
140	6.704	6.699	6.711	HH	720	4986	0.06%	0.001%
141	6.723	6.711	6.742	HH	797	13944	0.17%	0.003%

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142	6.763	6.742	6.772	HH	879	13743	0.17%	0.003%
143	6.777	6.772	6.781	HH	835	4558	0.06%	0.001%
144	6.802	6.781	6.807	HH	882	12793	0.16%	0.003%
145	6.816	6.807	6.820	HH	915	7156	0.09%	0.002%
146	6.847	6.820	6.859	HH	1092	22648	0.28%	0.005%
147	6.863	6.859	6.870	HH	1065	6840	0.09%	0.002%
148	6.878	6.870	6.898	HH	1199	16797	0.21%	0.004%
149	6.943	6.898	6.957	HH	1867	50873	0.64%	0.011%
150	6.994	6.957	7.086	HH	4972	291751	3.64%	0.064%
151	7.094	7.086	7.139	HH	3305	96001	1.20%	0.021%
152	7.144	7.139	7.183	HH	2651	63090	0.79%	0.014%
153	7.188	7.183	7.191	HH	2243	11519	0.14%	0.003%
154	7.206	7.191	7.219	HH	2585	39870	0.50%	0.009%
155	7.240	7.219	7.286	HH	3337	107793	1.35%	0.024%
156	7.309	7.286	7.339	HH	2505	72052	0.90%	0.016%
157	7.362	7.339	7.401	HH	2614	87145	1.09%	0.019%
158	7.409	7.401	7.420	HH	2111	23644	0.30%	0.005%
159	7.433	7.420	7.479	HH	2218	73764	0.92%	0.016%
160	7.496	7.479	7.508	HH	2113	35604	0.44%	0.008%
161	7.523	7.508	7.559	HH	2136	62725	0.78%	0.014%
162	7.565	7.559	7.568	HH	2066	10225	0.13%	0.002%
163	7.573	7.568	7.584	HH	2022	18881	0.24%	0.004%
164	7.590	7.584	7.594	HH	2126	12630	0.16%	0.003%
165	7.599	7.594	7.605	HH	2187	14072	0.18%	0.003%
166	7.608	7.605	7.629	HH	2097	29731	0.37%	0.007%
167	7.652	7.629	7.673	HH	2493	60624	0.76%	0.013%
168	7.719	7.673	7.740	HH	2197	83813	1.05%	0.018%
169	7.746	7.740	7.753	HH	2242	16254	0.20%	0.004%
170	7.792	7.753	7.810	HH	2719	83767	1.05%	0.018%
171	7.820	7.810	7.832	HH	2560	34173	0.43%	0.007%
172	7.840	7.832	7.874	HH	2573	61222	0.76%	0.013%
173	7.883	7.874	7.919	HH	2420	62356	0.78%	0.014%
174	7.939	7.919	7.948	HH	2448	41031	0.51%	0.009%
175	7.957	7.948	7.963	HH	2481	21588	0.27%	0.005%
176	7.976	7.963	7.983	HH	2551	30654	0.38%	0.007%
177	7.988	7.983	7.994	HH	2572	16827	0.21%	0.004%
178	8.021	7.994	8.041	HH	2655	71984	0.90%	0.016%
179	8.053	8.041	8.058	HH	2657	26141	0.33%	0.006%
180	8.063	8.058	8.076	HH	2675	28274	0.35%	0.006%
181	8.090	8.076	8.101	HH	2695	39384	0.49%	0.009%
182	8.133	8.101	8.158	HH	3953	113249	1.41%	0.025%
183	8.167	8.158	8.184	HH	3250	49032	0.61%	0.011%
184	8.202	8.184	8.214	HH	3250	55750	0.70%	0.012%
185	8.237	8.214	8.298	HH	4787	176328	2.20%	0.039%
186	8.305	8.298	8.314	HH	3086	30082	0.38%	0.007%
187	8.353	8.314	8.427	HH	8576	304117	3.80%	0.067%
188	8.433	8.427	8.459	HH	3367	62727	0.78%	0.014%
189	8.464	8.459	8.484	HH	3260	47546	0.59%	0.010%
190	8.489	8.484	8.496	HH	3224	22218	0.28%	0.005%
191	8.506	8.496	8.523	HH	3173	49552	0.62%	0.011%
192	8.526	8.523	8.536	HH	3127	24174	0.30%	0.005%
193	8.646	8.536	8.679	HH	4407	296955	3.71%	0.065%
194	8.705	8.679	8.719	HH	4031	93545	1.17%	0.021%

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195	8.724	8.719	8.754	HH	3961	80044	1.00%	0.018%
196	8.773	8.754	8.810	HH	3835	121084	1.51%	0.027%
197	8.818	8.810	8.838	HH	3561	56824	0.71%	0.012%
198	8.884	8.838	8.896	HH	3707	126003	1.57%	0.028%
199	8.928	8.896	8.935	HH	3898	86882	1.08%	0.019%
200	8.971	8.935	9.034	HH	5259	258632	3.23%	0.057%
201	9.056	9.034	9.076	HH	4483	103685	1.29%	0.023%
202	9.095	9.076	9.142	HH	4311	156283	1.95%	0.034%
203	9.162	9.142	9.187	HH	3849	102824	1.28%	0.023%
204	9.209	9.187	9.224	HH	4057	86543	1.08%	0.019%
205	9.231	9.224	9.238	HH	3961	31615	0.39%	0.007%
206	9.243	9.238	9.270	HH	4094	77666	0.97%	0.017%
207	9.276	9.270	9.279	HH	3926	19960	0.25%	0.004%
208	9.300	9.279	9.323	HH	4150	104908	1.31%	0.023%
209	9.331	9.323	9.337	HH	3934	34294	0.43%	0.008%
210	9.356	9.337	9.367	HH	4022	71510	0.89%	0.016%
211	9.394	9.367	9.417	HH	5281	140659	1.76%	0.031%
212	9.440	9.417	9.492	HH	5316	220348	2.75%	0.048%
213	9.511	9.492	9.544	HH	5087	148382	1.85%	0.033%
214	9.552	9.544	9.564	HH	4543	55146	0.69%	0.012%
215	9.584	9.564	9.600	HH	4912	101525	1.27%	0.022%
216	9.605	9.600	9.638	HH	4584	103469	1.29%	0.023%
217	9.669	9.638	9.679	HH	4866	116129	1.45%	0.025%
218	9.692	9.679	9.731	HH	5067	147893	1.85%	0.032%
219	9.777	9.731	9.817	HH	6600	276710	3.45%	0.061%
220	9.835	9.817	9.879	HH	5632	192869	2.41%	0.042%
221	9.888	9.879	9.927	HH	5158	142081	1.77%	0.031%
222	9.943	9.927	9.968	HH	5057	119533	1.49%	0.026%
223	9.991	9.968	10.041	HH	5262	218867	2.73%	0.048%
224	10.045	10.041	10.065	HH	4830	67839	0.85%	0.015%
225	10.068	10.065	10.073	HH	4712	23650	0.30%	0.005%
226	10.104	10.073	10.124	HH	4957	146822	1.83%	0.032%
227	10.142	10.124	10.146	HH	5284	67870	0.85%	0.015%
228	10.149	10.146	10.173	HH	5253	80912	1.01%	0.018%
229	10.178	10.173	10.207	HH	5286	106194	1.33%	0.023%
230	10.224	10.207	10.233	HH	5370	81139	1.01%	0.018%
231	10.236	10.233	10.246	HH	5265	41289	0.52%	0.009%
232	10.274	10.246	10.303	HH	6260	197875	2.47%	0.043%
233	10.322	10.303	10.341	HH	5969	133031	1.66%	0.029%
234	10.355	10.341	10.379	HH	5804	131706	1.64%	0.029%
235	10.384	10.379	10.391	HH	5881	42844	0.53%	0.009%
236	10.394	10.391	10.405	HH	5822	45888	0.57%	0.010%
237	10.433	10.405	10.455	HH	6091	177768	2.22%	0.039%
238	10.498	10.455	10.509	HH	6985	208534	2.60%	0.046%
239	10.530	10.509	10.558	HH	8614	218995	2.73%	0.048%
240	10.574	10.558	10.586	HH	7023	114674	1.43%	0.025%
241	10.601	10.586	10.614	HH	6828	112663	1.41%	0.025%
242	10.641	10.614	10.721	HH	7603	436210	5.44%	0.096%
243	10.741	10.721	10.752	HH	6536	120056	1.50%	0.026%
244	10.793	10.752	10.810	HH	7794	243955	3.05%	0.054%
245	10.836	10.810	10.891	HH	27936	712119	8.89%	0.156%
246	10.914	10.891	10.991	HH	15225	590750	7.37%	0.130%

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247	10.998	10.991	11.019	HH	7350	121030	1.51%	0.027%
248	11.024	11.019	11.048	HH	7202	119945	1.50%	0.026%
249	11.053	11.048	11.081	HH	6888	135481	1.69%	0.030%
250	11.095	11.081	11.100	HH	6884	80277	1.00%	0.018%
251	11.142	11.100	11.183	HH	8802	376610	4.70%	0.083%
252	11.208	11.183	11.222	HH	7899	180616	2.25%	0.040%
253	11.248	11.222	11.263	HH	9026	201508	2.52%	0.044%
254	11.275	11.263	11.291	HH	8606	141869	1.77%	0.031%
255	11.300	11.291	11.333	HH	8388	204830	2.56%	0.045%
256	11.364	11.333	11.406	HH	9572	364642	4.55%	0.080%
257	11.435	11.406	11.452	HH	10169	243291	3.04%	0.053%
258	11.471	11.452	11.499	HH	11199	268843	3.36%	0.059%
259	11.521	11.499	11.575	HH	12030	439265	5.48%	0.096%
260	11.593	11.575	11.609	HH	8704	172246	2.15%	0.038%
261	11.639	11.609	11.654	HH	12486	273169	3.41%	0.060%
262	11.671	11.654	11.711	HH	14338	386978	4.83%	0.085%
263	11.750	11.711	11.767	HH	15531	401795	5.02%	0.088%
264	11.784	11.767	11.804	HH	18174	330225	4.12%	0.072%
265	11.818	11.804	11.861	HH	13145	362678	4.53%	0.080%
266	11.889	11.861	11.907	HH	9313	250335	3.12%	0.055%
267	11.936	11.907	11.985	HH	10882	460020	5.74%	0.101%
268	12.039	11.985	12.086	HH	23257	786095	9.81%	0.172%
269	12.111	12.086	12.144	HH	20949	479917	5.99%	0.105%
270	12.165	12.144	12.176	HH	12835	224660	2.80%	0.049%
271	12.202	12.176	12.273	HH	73894	1512834	18.88%	0.332%
272	12.281	12.273	12.307	HH	12013	238996	2.98%	0.052%
273	12.314	12.307	12.332	HH	11900	176860	2.21%	0.039%
274	12.354	12.332	12.364	HH	12100	227431	2.84%	0.050%
275	12.377	12.364	12.413	HH	12646	360779	4.50%	0.079%
276	12.440	12.413	12.459	HH	13987	362808	4.53%	0.080%
277	12.480	12.459	12.513	HH	19375	503577	6.29%	0.110%
278	12.535	12.513	12.556	HH	17150	388262	4.85%	0.085%
279	12.576	12.556	12.615	HH	16488	534676	6.67%	0.117%
280	12.654	12.615	12.718	HH	104815	1980254	24.72%	0.434%
281	12.757	12.718	12.780	HH	33083	720419	8.99%	0.158%
282	12.808	12.780	12.823	HH	19568	446961	5.58%	0.098%
283	12.827	12.823	12.861	HH	17693	367528	4.59%	0.081%
284	12.881	12.861	12.901	HH	16444	370785	4.63%	0.081%
285	12.928	12.901	12.937	HH	43061	606793	7.57%	0.133%
286	12.953	12.937	12.978	HH	87718	1251911	15.63%	0.275%
287	12.996	12.978	13.026	HH	28165	637358	7.96%	0.140%
288	13.043	13.026	13.085	HH	21351	604901	7.55%	0.133%
289	13.089	13.085	13.102	HH	14872	148912	1.86%	0.033%
290	13.134	13.102	13.169	HH	47422	976689	12.19%	0.214%
291	13.202	13.169	13.210	HH	19579	421783	5.26%	0.093%
292	13.248	13.210	13.311	HH	42434	1404129	17.53%	0.308%
293	13.316	13.311	13.324	HH	16770	133473	1.67%	0.029%
294	13.364	13.324	13.376	HH	19481	563867	7.04%	0.124%
295	13.404	13.376	13.423	HH	176155	2336082	29.16%	0.512%
296	13.433	13.423	13.461	HH	46235	751149	9.38%	0.165%
297	13.484	13.461	13.508	HH	47918	894383	11.16%	0.196%
298	13.546	13.508	13.589	HH	29207	1078149	13.46%	0.237%
299	13.609	13.589	13.633	HH	20553	515670	6.44%	0.113%

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300	13.653	13.633	13.674	HH	24578	531288	6.63% 0.117%
301	13.693	13.674	13.715	HH	23846	528940	6.60% 0.116%
302	13.733	13.715	13.758	HH	22055	517188	6.46% 0.113%
303	13.788	13.758	13.800	HH	22868	543430	6.78% 0.119%
304	13.821	13.800	13.827	HH	25065	381509	4.76% 0.084%
305	13.845	13.827	13.907	HH	35349	1201720	15.00% 0.264%
306	13.939	13.907	13.965	HH	31175	833543	10.40% 0.183%
307	14.011	13.965	14.036	HH	29017	988816	12.34% 0.217%
308	14.040	14.036	14.063	HH	21703	342653	4.28% 0.075%
309	14.074	14.063	14.092	HH	20265	346901	4.33% 0.076%
310	14.101	14.092	14.119	HH	20200	328952	4.11% 0.072%
311	14.145	14.119	14.153	HH	21861	430639	5.38% 0.094%
312	14.174	14.153	14.194	HH	24858	573849	7.16% 0.126%
313	14.220	14.194	14.227	HH	22661	439084	5.48% 0.096%
314	14.256	14.227	14.272	HH	25243	642094	8.01% 0.141%
315	14.292	14.272	14.313	HH	27230	623822	7.79% 0.137%
316	14.336	14.313	14.370	HH	37116	978030	12.21% 0.215%
317	14.384	14.370	14.401	HH	25327	453964	5.67% 0.100%
318	14.411	14.401	14.427	HH	23867	371310	4.63% 0.081%
319	14.463	14.427	14.497	HH	29956	1079240	13.47% 0.237%
320	14.524	14.497	14.551	HH	36093	941162	11.75% 0.206%
321	14.574	14.551	14.582	HH	26508	478408	5.97% 0.105%
322	14.597	14.582	14.628	HH	28310	742312	9.27% 0.163%
323	14.644	14.628	14.656	HH	25897	418907	5.23% 0.092%
324	14.685	14.656	14.715	HH	56962	1319716	16.47% 0.290%
325	14.723	14.715	14.749	HH	27008	531112	6.63% 0.117%
326	14.755	14.749	14.761	HH	25214	177252	2.21% 0.039%
327	14.796	14.761	14.803	HH	26979	642797	8.02% 0.141%
328	14.836	14.803	14.857	HH	57492	1318604	16.46% 0.289%
329	14.877	14.857	14.919	HH	64314	1564745	19.53% 0.343%
330	14.934	14.919	14.953	HH	30155	582984	7.28% 0.128%
331	14.998	14.953	15.016	HH	31277	1106836	13.82% 0.243%
332	15.026	15.016	15.046	HH	30050	535327	6.68% 0.117%
333	15.054	15.046	15.096	HH	30239	863323	10.78% 0.189%
334	15.107	15.096	15.124	HH	28428	469765	5.86% 0.103%
335	15.160	15.124	15.213	HH	36090	1670867	20.86% 0.367%
336	15.218	15.213	15.225	HH	29495	206801	2.58% 0.045%
337	15.228	15.225	15.239	HH	29207	242950	3.03% 0.053%
338	15.270	15.239	15.306	HH	43527	1412343	17.63% 0.310%
339	15.310	15.306	15.361	HH	31593	997733	12.45% 0.219%
340	15.428	15.361	15.451	HH	57123	2026380	25.29% 0.445%
341	15.468	15.451	15.487	HH	33794	691670	8.63% 0.152%
342	15.512	15.487	15.535	HH	41494	1064039	13.28% 0.233%
343	15.550	15.535	15.584	HH	35529	1001826	12.50% 0.220%
344	15.596	15.584	15.610	HH	32904	494982	6.18% 0.109%
345	15.670	15.610	15.702	HH	38192	1952377	24.37% 0.428%
346	15.708	15.702	15.714	HH	34313	257970	3.22% 0.057%
347	15.720	15.714	15.732	HH	34201	356578	4.45% 0.078%
348	15.749	15.732	15.757	HH	35394	523025	6.53% 0.115%
349	15.761	15.757	15.768	HH	34722	239362	2.99% 0.053%
350	15.798	15.768	15.816	HH	36684	1033802	12.90% 0.227%
351	15.841	15.816	15.853	HH	36943	802303	10.01% 0.176%

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352	15.912	15.853	15.929	HH	40569	1708266	21.32%	0.375%
353	15.935	15.929	15.945	HH	38351	368405	4.60%	0.081%
354	15.956	15.945	15.961	HH	38166	379583	4.74%	0.083%
355	15.995	15.961	16.028	HH	56876	1764593	22.03%	0.387%
356	16.055	16.028	16.070	HH	40597	1005844	12.55%	0.221%
357	16.102	16.070	16.132	HH	41704	1493812	18.65%	0.328%
358	16.150	16.132	16.158	HH	40912	620347	7.74%	0.136%
359	16.166	16.158	16.171	HH	40729	332576	4.15%	0.073%
360	16.209	16.171	16.234	HH	43458	1583232	19.76%	0.347%
361	16.284	16.234	16.334	HH	57494	2806141	35.03%	0.616%
362	16.362	16.334	16.368	HH	44798	916538	11.44%	0.201%
363	16.399	16.368	16.420	HH	87955	2020828	25.22%	0.443%
364	16.426	16.420	16.455	HH	60020	1143269	14.27%	0.251%
365	16.461	16.455	16.481	HH	47793	733507	9.16%	0.161%
366	16.499	16.481	16.505	HH	47724	697138	8.70%	0.153%
367	16.531	16.505	16.559	HH	56007	1629958	20.35%	0.358%
368	16.567	16.559	16.579	HH	49324	602534	7.52%	0.132%
369	16.589	16.579	16.597	HH	49048	529345	6.61%	0.116%
370	16.612	16.597	16.625	HH	48878	813187	10.15%	0.178%
371	16.687	16.625	16.703	HH	61696	2477198	30.92%	0.543%
372	16.722	16.703	16.758	HH	72704	1993632	24.88%	0.437%
373	16.782	16.758	16.819	HH	74130	2201804	27.48%	0.483%
374	16.861	16.819	16.869	HH	60285	1723893	21.52%	0.378%
375	16.888	16.869	16.928	HH	65070	2144128	26.76%	0.470%
376	16.938	16.928	16.970	HH	61936	1515297	18.91%	0.332%
377	16.993	16.970	17.004	HH	57528	1151775	14.38%	0.253%
378	17.052	17.004	17.070	HH	60451	2352543	29.36%	0.516%
379	17.100	17.070	17.128	HH	63160	2106163	26.29%	0.462%
380	17.149	17.128	17.161	HH	64205	1277461	15.95%	0.280%
381	17.180	17.161	17.203	HH	64759	1581659	19.74%	0.347%
382	17.229	17.203	17.268	HH	73728	2640620	32.96%	0.579%
383	17.314	17.268	17.338	HH	86616	3058502	38.18%	0.671%
384	17.349	17.338	17.367	HH	67392	1197507	14.95%	0.263%
385	17.393	17.367	17.411	HH	68690	1744593	21.78%	0.383%
386	17.438	17.411	17.468	HH	70936	2322567	28.99%	0.510%
387	17.490	17.468	17.508	HH	72609	1703975	21.27%	0.374%
388	17.513	17.508	17.531	HH	68723	913516	11.40%	0.200%
389	17.545	17.531	17.553	HH	68526	925960	11.56%	0.203%
390	17.563	17.553	17.569	HH	68462	653252	8.15%	0.143%
391	17.589	17.569	17.601	HH	70756	1317348	16.44%	0.289%
392	17.614	17.601	17.619	HH	69994	773566	9.66%	0.170%
393	17.659	17.619	17.696	HH	80320	3418776	42.67%	0.750%
394	17.753	17.696	17.778	HH	87026	3878331	48.41%	0.851%
395	17.782	17.778	17.793	HH	75256	668318	8.34%	0.147%
396	17.797	17.793	17.803	HH	74517	445058	5.56%	0.098%
397	17.807	17.803	17.812	HH	74262	410545	5.12%	0.090%
398	17.843	17.812	17.870	HH	85521	2753081	34.36%	0.604%
399	17.878	17.870	17.883	HH	78445	610769	7.62%	0.134%
400	17.901	17.883	17.915	HH	82049	1556356	19.43%	0.341%
401	17.940	17.915	17.965	HH	83677	2463533	30.75%	0.540%
402	17.985	17.965	18.014	HH	85918	2406024	30.03%	0.528%
403	18.022	18.014	18.031	HH	80446	826185	10.31%	0.181%
404	18.041	18.031	18.047	HH	80172	764555	9.54%	0.168%

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405	18.072	18.047	18.090	HH	88086	2165153	27.03%	0.475%
406	18.111	18.090	18.135	HH	101294	2522978	31.49%	0.553%
407	18.175	18.135	18.204	HH	131324	4324292	53.98%	0.949%
408	18.211	18.204	18.229	HH	89428	1290503	16.11%	0.283%
409	18.237	18.229	18.248	HH	86982	1003007	12.52%	0.220%
410	18.267	18.248	18.283	HH	92524	1847466	23.06%	0.405%
411	18.288	18.283	18.292	HH	90711	532726	6.65%	0.117%
412	18.298	18.292	18.314	HH	91085	1160237	14.48%	0.255%
413	18.326	18.314	18.333	HH	90811	1029766	12.85%	0.226%
414	18.348	18.333	18.370	HH	90226	1982793	24.75%	0.435%
415	18.389	18.370	18.396	HH	89482	1362151	17.00%	0.299%
416	18.417	18.396	18.452	HH	102521	3182609	39.73%	0.698%
417	18.467	18.452	18.475	HH	92018	1303698	16.27%	0.286%
418	18.494	18.475	18.500	HH	92375	1343061	16.76%	0.295%
419	18.505	18.500	18.513	HH	92458	712155	8.89%	0.156%
420	18.518	18.513	18.523	HH	91236	538281	6.72%	0.118%
421	18.580	18.523	18.638	HH	103962	6681997	83.40%	1.466%
422	18.643	18.638	18.645	HH	92745	400159	4.99%	0.088%
423	18.692	18.645	18.718	HH	109538	4406423	55.00%	0.967%
424	18.723	18.718	18.727	HH	99803	557561	6.96%	0.122%
425	18.745	18.727	18.768	HH	103694	2455526	30.65%	0.539%
426	18.782	18.768	18.799	HH	100128	1863973	23.27%	0.409%
427	18.866	18.799	18.892	HH	106051	5643597	70.44%	1.238%
428	18.945	18.892	18.967	HH	139350	5222819	65.19%	1.146%
429	18.987	18.967	19.026	HH	131377	4230531	52.81%	0.928%
430	19.032	19.026	19.039	HH	109723	844444	10.54%	0.185%
431	19.044	19.039	19.051	HH	110157	787513	9.83%	0.173%
432	19.069	19.051	19.077	HH	113044	1726052	21.54%	0.379%
433	19.118	19.077	19.153	HH	117830	5162216	64.43%	1.132%
434	19.156	19.153	19.170	HH	111311	1146665	14.31%	0.252%
435	19.227	19.170	19.243	HH	117168	5024613	62.72%	1.102%
436	19.250	19.243	19.258	HH	115280	970564	12.11%	0.213%
437	19.284	19.258	19.318	HH	120636	4222962	52.71%	0.926%
438	19.325	19.318	19.329	HH	114973	767006	9.57%	0.168%
439	19.340	19.329	19.346	HH	116775	1195984	14.93%	0.262%
440	19.369	19.346	19.392	HH	120215	3230604	40.32%	0.709%
441	19.409	19.392	19.422	HH	121799	2193149	27.37%	0.481%
442	19.439	19.422	19.460	HH	129641	2827994	35.30%	0.620%
443	19.486	19.460	19.517	HH	127688	4243524	52.97%	0.931%
444	19.531	19.517	19.538	HH	124900	1528045	19.07%	0.335%
445	19.575	19.538	19.579	HH	128608	3099023	38.68%	0.680%
446	19.592	19.579	19.621	HH	131614	3275533	40.89%	0.719%
447	19.626	19.621	19.629	HH	127479	605263	7.55%	0.133%
448	19.653	19.629	19.691	HH	137964	4952893	61.82%	1.087%
449	19.722	19.691	19.727	HH	139949	2919197	36.44%	0.640%
450	19.733	19.727	19.765	HH	139738	3122385	38.97%	0.685%
451	19.784	19.765	19.798	HH	138119	2712924	33.86%	0.595%
452	19.802	19.798	19.806	HH	135300	647471	8.08%	0.142%
453	19.809	19.806	19.827	HH	134899	1655468	20.66%	0.363%
454	19.848	19.827	19.857	HH	135768	2393262	29.87%	0.525%
455	19.871	19.857	19.876	HH	138056	1582365	19.75%	0.347%
456	19.885	19.876	19.892	HH	138618	1308860	16.34%	0.287%

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457	19.900	19.892	19.910	HH	139495	1535751	19.17%	0.337%
458	19.927	19.910	19.933	HH	141386	1840397	22.97%	0.404%
459	19.938	19.933	19.946	HH	139510	1163687	14.53%	0.255%
460	19.973	19.946	19.987	HH	147628	3481046	43.45%	0.764%
461	19.996	19.987	20.014	HH	145816	2402370	29.99%	0.527%
462	20.036	20.014	20.043	HH	147543	2502461	31.24%	0.549%
463	20.055	20.043	20.090	HH	149664	4177204	52.14%	0.916%
464	20.118	20.090	20.133	HH	150770	3776401	47.14%	0.828%
465	20.148	20.133	20.163	HH	150158	2762969	34.49%	0.606%
466	20.186	20.163	20.216	HH	154091	4807327	60.01%	1.055%
467	20.240	20.216	20.245	HH	152502	2610874	32.59%	0.573%
468	20.252	20.245	20.255	HH	152335	883464	11.03%	0.194%
469	20.274	20.255	20.279	HH	154647	2220092	27.71%	0.487%
470	20.286	20.279	20.290	HH	153732	1024236	12.78%	0.225%
471	20.322	20.290	20.342	HH	158571	4871450	60.81%	1.069%
472	20.348	20.342	20.354	HH	158029	1114740	13.91%	0.245%
473	20.367	20.354	20.374	HH	159647	1897715	23.69%	0.416%
474	20.382	20.374	20.396	HH	159218	2116313	26.42%	0.464%
475	20.406	20.396	20.412	HH	157753	1479928	18.47%	0.325%
476	20.417	20.412	20.421	HH	157901	862336	10.76%	0.189%
477	20.427	20.421	20.444	HH	157815	2157412	26.93%	0.473%
478	20.468	20.444	20.499	HH	164242	5266635	65.74%	1.155%
479	20.519	20.499	20.532	HH	162038	3155893	39.39%	0.692%
480	20.536	20.532	20.543	HH	161246	1064646	13.29%	0.234%
481	20.550	20.543	20.558	HH	160592	1460108	18.23%	0.320%
482	20.573	20.558	20.587	HH	161562	2756408	34.41%	0.605%
483	20.593	20.587	20.616	HH	160920	2795270	34.89%	0.613%
484	20.638	20.616	20.659	HH	162653	4127743	51.52%	0.906%
485	20.666	20.659	20.694	HH	160601	3316785	41.40%	0.728%
486	20.701	20.694	20.707	HH	158518	1287075	16.07%	0.282%
487	20.713	20.707	20.735	HH	159111	2627895	32.80%	0.577%
488	20.750	20.735	20.775	HH	158883	3748568	46.79%	0.822%
489	20.778	20.775	20.798	HH	155368	2087691	26.06%	0.458%
490	20.806	20.798	20.818	HH	154559	1843829	23.01%	0.404%
491	20.828	20.818	20.833	HH	156540	1410095	17.60%	0.309%
492	20.854	20.833	20.878	HH	161371	4262800	53.21%	0.935%
493	20.885	20.878	20.904	HH	155516	2462545	30.74%	0.540%
494	20.907	20.904	20.911	HH	153354	670903	8.37%	0.147%
495	20.919	20.911	20.928	HH	154206	1473950	18.40%	0.323%
496	20.934	20.928	20.941	HH	152328	1264561	15.78%	0.277%
497	20.948	20.941	20.955	HH	152270	1204588	15.04%	0.264%
498	20.966	20.955	20.980	HH	152007	2300798	28.72%	0.505%
499	20.985	20.980	20.998	HH	151126	1671924	20.87%	0.367%
500	21.005	20.998	21.031	HH	152485	2911311	36.34%	0.639%
501	21.042	21.031	21.047	HH	150006	1471041	18.36%	0.323%
502	21.052	21.047	21.065	HH	149835	1613970	20.15%	0.354%
503	21.089	21.065	21.116	HH	149663	4510144	56.30%	0.989%
504	21.144	21.116	21.153	HH	150134	3308142	41.29%	0.726%
505	21.162	21.153	21.191	HH	150615	3386304	42.27%	0.743%
506	21.208	21.191	21.220	HH	148789	2588844	32.31%	0.568%
507	21.229	21.220	21.238	HH	146966	1545773	19.29%	0.339%
508	21.286	21.238	21.328	HH	152509	8011527	100.00%	1.758%
509	21.333	21.328	21.338	HH	145862	901297	11.25%	0.198%

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510	21.341	21.338	21.348	HH	145654	886665	11.07%	0.195%
511	21.352	21.348	21.362	HH	144956	1238779	15.46%	0.272%
512	21.379	21.362	21.394	HH	145644	2781148	34.71%	0.610%
513	21.412	21.394	21.453	HH	146402	5099852	63.66%	1.119%
514	21.467	21.453	21.484	HH	144102	2629493	32.82%	0.577%
515	21.488	21.484	21.495	HH	141466	939559	11.73%	0.206%
516	21.508	21.495	21.515	HH	143320	1750232	21.85%	0.384%
517	21.521	21.515	21.537	HH	143376	1876678	23.42%	0.412%
518	21.557	21.537	21.582	HH	142858	3783410	47.22%	0.830%
519	21.589	21.582	21.611	HH	141636	2475316	30.90%	0.543%
520	21.616	21.611	21.624	HH	140913	1093216	13.65%	0.240%
521	21.632	21.624	21.644	HH	141155	1666471	20.80%	0.366%
522	21.654	21.644	21.665	HH	141229	1757471	21.94%	0.386%
523	21.674	21.665	21.689	HH	140043	2005466	25.03%	0.440%
524	21.695	21.689	21.706	HH	139972	1395561	17.42%	0.306%
525	21.716	21.706	21.734	HH	139951	2339150	29.20%	0.513%
526	21.769	21.734	21.774	HH	145397	3454740	43.12%	0.758%
527	21.779	21.774	21.801	HH	145065	2263844	28.26%	0.497%
528	21.806	21.801	21.823	HH	141134	1907895	23.81%	0.419%
529	21.827	21.823	21.854	HH	139296	2557136	31.92%	0.561%
530	21.861	21.854	21.874	HH	137921	1616589	20.18%	0.355%
531	21.885	21.874	21.901	HHA	136915	2240465	27.97%	0.492%
					Sum of corrected areas:		455832639	

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