

Instrument :
FID_F
ClientSampleId :
MW-23-20210929-0-1MS

rteres

Area Percent Report

Manual Integrations
APPROVED

mohammad
10/1/2021 11:43:28 AM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093021\
Data File : FF009047.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2021 18:22
Sample : M3991-03MS
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090721.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.369	2.340	2.410	BH	449885	3181175	23.95%	0.269%
2	2.415	2.410	2.428	PH	54	-375	-0.00%	-0.000%
3	2.440	2.428	2.468	PH	4080	24470	0.18%	0.002%
4	2.488	2.468	2.520	PH	33170	256646	1.93%	0.022%
5	2.539	2.520	2.576	HH	7413	77829	0.59%	0.007%
6	2.588	2.576	2.595	PH	2466	16967	0.13%	0.001%
7	2.608	2.595	2.633	HH	5047	65626	0.49%	0.006%
8	2.651	2.633	2.672	HH	924	11055	0.08%	0.001%
9	2.677	2.672	2.692	PH	67	-1396	-0.01%	-0.000%
10	2.703	2.692	2.708	PH	-69	-2064	-0.02%	-0.000%
11	2.714	2.708	2.720	PH	-125	-1323	-0.01%	-0.000%
12	2.731	2.720	2.746	PH	-13	-2206	-0.02%	-0.000%
13	2.767	2.746	2.798	PH	757	-2301	-0.02%	-0.000%
14	2.799	2.798	2.807	PH	-432	-2917	-0.02%	-0.000%
15	2.834	2.807	2.848	PH	194	-6581	-0.05%	-0.001%
16	2.860	2.848	2.882	PH	200	-4460	-0.03%	-0.000%
17	2.896	2.882	2.904	PH	-166	-5051	-0.04%	-0.000%
18	2.919	2.904	2.934	PH	8944	70081	0.53%	0.006%
19	2.938	2.934	2.958	HH	2318	15714	0.12%	0.001%
20	2.974	2.958	2.997	PH	15579	186432	1.40%	0.016%
21	3.003	2.997	3.066	HH	6226	81789	0.62%	0.007%
22	3.084	3.066	3.097	PH	1826	17612	0.13%	0.001%
23	3.105	3.097	3.117	HH	986	7697	0.06%	0.001%
24	3.142	3.117	3.169	HH	5506	87042	0.66%	0.007%
25	3.178	3.169	3.215	HH	981	8615	0.06%	0.001%
26	3.229	3.215	3.245	PH	1608	9504	0.07%	0.001%
27	3.275	3.245	3.314	PH	3856	37546	0.28%	0.003%
28	3.325	3.314	3.342	PH	1654	12409	0.09%	0.001%
29	3.358	3.342	3.381	HH	10000	82730	0.62%	0.007%
30	3.400	3.381	3.436	PH	1169	630	0.00%	0.000%
31	3.456	3.436	3.476	PH	-247	-9952	-0.07%	-0.001%
32	3.520	3.476	3.538	PH	245	-4415	-0.03%	-0.000%
33	3.548	3.538	3.585	PH	222	-2062	-0.02%	-0.000%
34	3.592	3.585	3.612	PH	-206	-5227	-0.04%	-0.000%
35	3.631	3.612	3.651	PH	284	-5093	-0.04%	-0.000%
36	3.693	3.651	3.723	PH	2531	11165	0.08%	0.001%

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37	3.739	3.723	3.749	PH	400	1379	0.01%	0.000%
38	3.760	3.749	3.775	PH	1282	10081	0.08%	0.001%
39	3.788	3.775	3.805	HH	1444	9329	0.07%	0.001%
40	3.815	3.805	3.831	PH	-200	-6645	-0.05%	-0.001%
41	3.856	3.831	3.869	PH	-301	-9934	-0.07%	-0.001%
42	3.876	3.869	3.887	PH	-302	-4486	-0.03%	-0.000%
43	3.899	3.887	3.914	PH	92	-3569	-0.03%	-0.000%
44	3.921	3.914	3.940	PH	-244	-6159	-0.05%	-0.001%
45	3.949	3.940	3.968	PH	-362	-9513	-0.07%	-0.001%
46	3.986	3.968	4.038	PH	222	-15639	-0.12%	-0.001%
47	4.073	4.038	4.091	PH	2315	15293	0.12%	0.001%
48	4.117	4.091	4.142	HH	7019	78135	0.59%	0.007%
49	4.148	4.142	4.160	PH	36	-38	-0.00%	-0.000%
50	4.168	4.160	4.192	PH	163	-5889	-0.04%	-0.000%
51	4.225	4.192	4.261	PH	3745	50029	0.38%	0.004%
52	4.269	4.261	4.293	HH	481	1945	0.01%	0.000%
53	4.296	4.293	4.311	PH	-225	-2909	-0.02%	-0.000%
54	4.322	4.311	4.361	PH	-190	-12688	-0.10%	-0.001%
55	4.387	4.361	4.397	PH	-383	-12192	-0.09%	-0.001%
56	4.431	4.397	4.446	PH	-35	-6650	-0.05%	-0.001%
57	4.474	4.446	4.513	PH	439713	3856952	29.04%	0.326%
58	4.522	4.513	4.538	PH	290	762	0.01%	0.000%
59	4.548	4.538	4.575	PH	153	-743	-0.01%	-0.000%
60	4.594	4.575	4.602	PH	101	229	0.00%	0.000%
61	4.621	4.602	4.658	PH	5021	47970	0.36%	0.004%
62	4.672	4.658	4.688	PH	85	-1627	-0.01%	-0.000%
63	4.695	4.688	4.707	PH	-67	-2329	-0.02%	-0.000%
64	4.729	4.707	4.746	PH	-12	-5735	-0.04%	-0.000%
65	4.761	4.746	4.776	PH	93	-3705	-0.03%	-0.000%
66	4.783	4.776	4.795	PH	-416	-5804	-0.04%	-0.000%
67	4.815	4.795	4.841	PH	809	2069	0.02%	0.000%
68	4.859	4.841	4.880	PH	729	248	0.00%	0.000%
69	4.897	4.880	4.910	PH	-156	-4424	-0.03%	-0.000%
70	4.921	4.910	4.962	PH	207	-7958	-0.06%	-0.001%
71	4.974	4.962	4.996	PH	-24	-6520	-0.05%	-0.001%
72	5.001	4.996	5.014	PH	-366	-4753	-0.04%	-0.000%
73	5.069	5.014	5.087	PH	1276	14180	0.11%	0.001%
74	5.096	5.087	5.141	HH	738	3559	0.03%	0.000%
75	5.166	5.141	5.185	PH	510	-2680	-0.02%	-0.000%
76	5.214	5.185	5.238	PH	43	-8705	-0.07%	-0.001%
77	5.246	5.238	5.261	PH	-566	-8425	-0.06%	-0.001%
78	5.276	5.261	5.289	PH	-373	-8175	-0.06%	-0.001%
79	5.300	5.289	5.311	PH	-293	-5434	-0.04%	-0.000%
80	5.331	5.311	5.363	PH	1193	1597	0.01%	0.000%
81	5.376	5.363	5.385	PH	-59	-1979	-0.01%	-0.000%
82	5.388	5.385	5.408	PH	-95	-3373	-0.03%	-0.000%
83	5.409	5.408	5.425	PH	-344	-4939	-0.04%	-0.000%
84	5.434	5.425	5.458	PH	-391	-10114	-0.08%	-0.001%
85	5.463	5.458	5.485	PH	-412	-8776	-0.07%	-0.001%
86	5.509	5.485	5.536	PH	3989	27547	0.21%	0.002%
87	5.572	5.536	5.590	PH	3768	34999	0.26%	0.003%
88	5.595	5.590	5.600	PH	-17	-523	-0.00%	-0.000%
89	5.626	5.600	5.661	PH	648	2085	0.02%	0.000%

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90	5.673	5.661	5.691	PH	-76	-2445	-0.02%	-0.000%
91	5.701	5.691	5.724	PH	219	-1476	-0.01%	-0.000%
92	5.747	5.724	5.766	PH	153	-2954	-0.02%	-0.000%
93	5.768	5.766	5.776	PH	-190	-1738	-0.01%	-0.000%
94	5.797	5.776	5.811	PH	-70	-4478	-0.03%	-0.000%
95	5.816	5.811	5.844	PH	-75	-6113	-0.05%	-0.001%
96	5.854	5.844	5.867	PH	-268	-5335	-0.04%	-0.000%
97	5.888	5.867	5.906	PH	-55	-6780	-0.05%	-0.001%
98	5.929	5.906	5.946	PH	-123	-6571	-0.05%	-0.001%
99	5.961	5.946	5.985	PH	-133	-7916	-0.06%	-0.001%
100	5.994	5.985	5.999	PH	-426	-4069	-0.03%	-0.000%
101	6.050	5.999	6.055	PH	1256	7101	0.05%	0.001%
102	6.070	6.055	6.089	HH	2901	29676	0.22%	0.003%
103	6.119	6.089	6.188	HH	196547	1936241	14.58%	0.164%
104	6.204	6.188	6.230	HH	2421	43843	0.33%	0.004%
105	6.242	6.230	6.294	HH	1172	35411	0.27%	0.003%
106	6.310	6.294	6.324	HH	911	13624	0.10%	0.001%
107	6.337	6.324	6.353	HH	1486	19294	0.15%	0.002%
108	6.357	6.353	6.394	HH	1070	19112	0.14%	0.002%
109	6.404	6.394	6.411	HH	615	5302	0.04%	0.000%
110	6.425	6.411	6.439	HH	924	12181	0.09%	0.001%
111	6.455	6.439	6.464	HH	975	11835	0.09%	0.001%
112	6.492	6.464	6.542	HH	413127	3998102	30.10%	0.338%
113	6.555	6.542	6.567	HH	903	10234	0.08%	0.001%
114	6.573	6.567	6.581	HH	794	6020	0.05%	0.001%
115	6.595	6.581	6.618	HH	1064	18422	0.14%	0.002%
116	6.639	6.618	6.666	HH	1525	30269	0.23%	0.003%
117	6.692	6.666	6.717	HH	1353	25820	0.19%	0.002%
118	6.735	6.717	6.750	HH	492	8171	0.06%	0.001%
119	6.766	6.750	6.789	HH	1288	18928	0.14%	0.002%
120	6.829	6.789	6.846	HH	1122	26829	0.20%	0.002%
121	6.883	6.846	6.907	HH	3415	60584	0.46%	0.005%
122	6.920	6.907	6.927	HH	2029	22122	0.17%	0.002%
123	6.939	6.927	6.945	HH	2146	20500	0.15%	0.002%
124	6.957	6.945	6.978	HH	2977	45910	0.35%	0.004%
125	7.021	6.978	7.039	HH	5361	119482	0.90%	0.010%
126	7.056	7.039	7.081	HH	4692	79770	0.60%	0.007%
127	7.093	7.081	7.106	HH	1900	26315	0.20%	0.002%
128	7.125	7.106	7.137	HH	3374	48882	0.37%	0.004%
129	7.165	7.137	7.180	HH	2949	66552	0.50%	0.006%
130	7.215	7.180	7.241	HH	3741	98675	0.74%	0.008%
131	7.258	7.241	7.272	HH	3374	48312	0.36%	0.004%
132	7.302	7.272	7.318	HH	3097	73238	0.55%	0.006%
133	7.325	7.318	7.360	HH	2586	58417	0.44%	0.005%
134	7.414	7.360	7.433	HH	6061	149372	1.12%	0.013%
135	7.437	7.433	7.452	HH	3585	36770	0.28%	0.003%
136	7.464	7.452	7.477	HH	3129	45042	0.34%	0.004%
137	7.499	7.477	7.523	HH	3757	93030	0.70%	0.008%
138	7.552	7.523	7.563	HH	3916	83046	0.63%	0.007%
139	7.599	7.563	7.628	HH	4653	157290	1.18%	0.013%
140	7.631	7.628	7.662	HH	3533	66616	0.50%	0.006%
141	7.679	7.662	7.688	HH	4662	63777	0.48%	0.005%

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142	7.713	7.688	7.740	HH	9557	202541	1.52%	0.017%	
143	7.763	7.740	7.783	HH	4936	120961	0.91%	0.010%	
144	7.805	7.783	7.830	HH	9405	194312	1.46%	0.016%	
145	7.860	7.830	7.864	HH	9297	164122	1.24%	0.014%	
146	7.868	7.864	7.888	HH	9246	117580	0.89%	0.010%	
147	7.899	7.888	7.922	HH	7161	132522	1.00%	0.011%	
148	7.993	7.922	8.009	HH	8854	377904	2.84%	0.032%	
149	8.032	8.009	8.081	HH	17099	451458	3.40%	0.038%	
150	8.101	8.081	8.122	HH	12093	250240	1.88%	0.021%	
151	8.138	8.122	8.151	HH	10861	174399	1.31%	0.015%	
152	8.176	8.151	8.205	HH	14745	390972	2.94%	0.033%	
153	8.221	8.205	8.229	HH	13518	177516	1.34%	0.015%	
154	8.251	8.229	8.262	HH	29568	416743	3.14%	0.035%	
155	8.285	8.262	8.327	HH	400705	4448550	33.49%	0.376%	
156	8.331	8.327	8.347	HH	14734	174854	1.32%	0.015%	
157	8.375	8.347	8.387	HH	16171	356060	2.68%	0.030%	
158	8.407	8.387	8.421	HH	16462	312710	2.35%	0.026%	
159	8.455	8.421	8.490	HH	40876	949335	7.15%	0.080%	
160	8.509	8.490	8.522	HH	17441	318863	2.40%	0.027%	
161	8.556	8.522	8.608	HH	24471	1018668	7.67%	0.086%	
162	8.641	8.608	8.658	HH	21892	586180	4.41%	0.050%	
163	8.687	8.658	8.727	HH	35422	1177104	8.86%	0.099%	
164	8.751	8.727	8.773	HH	60827	1049380	7.90%	0.089%	
165	8.789	8.773	8.799	HH	35248	495779	3.73%	0.042%	
166	8.816	8.799	8.837	HH	56541	917318	6.91%	0.078%	
167	8.856	8.837	8.881	HH	27665	686328	5.17%	0.058%	
168	8.904	8.881	8.910	HH	32691	514526	3.87%	0.043%	
169	8.922	8.910	8.933	HH	33981	463294	3.49%	0.039%	
170	8.946	8.933	8.959	HH	35649	522580	3.93%	0.044%	
171	8.970	8.959	9.002	HH	35910	866022	6.52%	0.073%	
172	9.036	9.002	9.067	HH	43531	1408381	10.60%	0.119%	
173	9.082	9.067	9.086	HH	35701	412024	3.10%	0.035%	
174	9.103	9.086	9.119	HH	38239	705534	5.31%	0.060%	
175	9.129	9.119	9.137	HH	34297	352873	2.66%	0.030%	
176	9.154	9.137	9.167	HH	38210	645264	4.86%	0.055%	
177	9.189	9.167	9.224	HH	42495	1347580	10.14%	0.114%	
178	9.237	9.224	9.241	HH	36834	361648	2.72%	0.031%	
179	9.271	9.241	9.287	HH	40206	1081392	8.14%	0.091%	
180	9.290	9.287	9.299	HH	38300	265584	2.00%	0.022%	
181	9.321	9.299	9.356	HH	47501	1508114	11.35%	0.127%	
182	9.360	9.356	9.379	HH	44922	609070	4.59%	0.051%	
183	9.426	9.379	9.452	HH	64999	2329440	17.54%	0.197%	
184	9.483	9.452	9.491	HH	72784	1362476	10.26%	0.115%	
185	9.506	9.491	9.537	HH	102463	1994411	15.01%	0.169%	
186	9.561	9.537	9.573	HH	65557	1268702	9.55%	0.107%	
187	9.587	9.573	9.604	HH	67071	1137562	8.56%	0.096%	
188	9.614	9.604	9.623	HH	57824	661307	4.98%	0.056%	
189	9.641	9.623	9.656	HH	63036	1176075	8.85%	0.099%	
190	9.674	9.656	9.694	HH	61943	1380355	10.39%	0.117%	
191	9.710	9.694	9.719	HH	63469	918822	6.92%	0.078%	
192	9.726	9.719	9.742	HH	62820	850426	6.40%	0.072%	
193	9.760	9.742	9.777	HH	75115	1420577	10.69%	0.120%	
194	9.794	9.777	9.809	HH	70322	1271290	9.57%	0.107%	

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195	9.826	9.809	9.847	HH	72513	1604883	12.08%	0.136%
196	9.884	9.847	9.909	HH	442740	6485925	48.83%	0.548%
197	9.914	9.909	9.932	HH	80177	1030748	7.76%	0.087%
198	9.942	9.932	9.958	HH	74812	1167761	8.79%	0.099%
199	9.990	9.958	10.002	HH	78258	1984757	14.94%	0.168%
200	10.004	10.002	10.035	HH	76541	1478264	11.13%	0.125%
201	10.062	10.035	10.076	HH	83026	1944909	14.64%	0.164%
202	10.080	10.076	10.095	HH	82635	929191	6.99%	0.079%
203	10.129	10.095	10.146	HH	86556	2556500	19.25%	0.216%
204	10.163	10.146	10.181	HH	89945	1811827	13.64%	0.153%
205	10.203	10.181	10.216	HH	93504	1892412	14.25%	0.160%
206	10.237	10.216	10.253	HH	95157	2064898	15.54%	0.175%
207	10.276	10.253	10.298	HH	113511	2756954	20.75%	0.233%
208	10.316	10.298	10.326	HH	108029	1756793	13.23%	0.148%
209	10.332	10.326	10.348	HH	106748	1430538	10.77%	0.121%
210	10.367	10.348	10.391	HH	112306	2758286	20.76%	0.233%
211	10.425	10.391	10.444	HH	114640	3499559	26.34%	0.296%
212	10.485	10.444	10.493	HH	113114	3206289	24.14%	0.271%
213	10.539	10.493	10.547	HH	122499	3751070	28.24%	0.317%
214	10.551	10.547	10.581	HH	122767	2465507	18.56%	0.208%
215	10.626	10.581	10.634	HH	129393	3919569	29.51%	0.331%
216	10.655	10.634	10.664	HH	133636	2305601	17.36%	0.195%
217	10.695	10.664	10.720	HH	155380	4763974	35.86%	0.403%
218	10.735	10.720	10.783	HH	142668	5202589	39.17%	0.440%
219	10.799	10.783	10.813	HH	137464	2396212	18.04%	0.203%
220	10.831	10.813	10.846	HH	143859	2802519	21.10%	0.237%
221	10.890	10.846	10.934	HH	244730	8839093	66.54%	0.747%
222	10.964	10.934	10.991	HH	175505	5419142	40.80%	0.458%
223	11.013	10.991	11.031	HH	160962	3765048	28.34%	0.318%
224	11.056	11.031	11.086	HH	163156	5230295	39.37%	0.442%
225	11.107	11.086	11.128	HH	170934	4107429	30.92%	0.347%
226	11.134	11.128	11.143	HH	170011	1604759	12.08%	0.136%
227	11.162	11.143	11.167	HH	172649	2376584	17.89%	0.201%
228	11.182	11.167	11.203	HH	183567	3793101	28.55%	0.321%
229	11.209	11.203	11.213	HH	171249	1086004	8.18%	0.092%
230	11.221	11.213	11.234	HH	171854	2141750	16.12%	0.181%
231	11.273	11.234	11.278	HH	178354	4516275	34.00%	0.382%
232	11.289	11.278	11.293	HH	183323	1621866	12.21%	0.137%
233	11.327	11.293	11.352	HH	525834	10237823	77.07%	0.865%
234	11.357	11.352	11.377	HH	176439	2719277	20.47%	0.230%
235	11.415	11.377	11.459	HH	211010	9205672	69.30%	0.778%
236	11.485	11.459	11.503	HH	190197	4878800	36.73%	0.412%
237	11.533	11.503	11.544	HH	187942	4528025	34.09%	0.383%
238	11.548	11.544	11.554	HH	187495	1083373	8.16%	0.092%
239	11.568	11.554	11.593	HH	192545	4381205	32.98%	0.370%
240	11.597	11.593	11.604	HH	190168	1336555	10.06%	0.113%
241	11.624	11.604	11.634	HH	197874	3448320	25.96%	0.291%
242	11.640	11.634	11.652	HH	195595	2103207	15.83%	0.178%
243	11.657	11.652	11.676	HH	192794	2704871	20.36%	0.229%
244	11.700	11.676	11.719	HH	210480	5144418	38.73%	0.435%
245	11.726	11.719	11.761	HH	210807	5198805	39.14%	0.439%
246	11.796	11.761	11.801	HH	218825	4823188	36.31%	0.408%

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247	11.806	11.801	11.828	HH	217875	3407840	25.65%	0.288%
248	11.842	11.828	11.863	HH	222422	4497222	33.86%	0.380%
249	11.876	11.863	11.898	HH	219718	4471546	33.66%	0.378%
250	11.903	11.898	11.934	HH	205412	4379783	32.97%	0.370%
251	11.957	11.934	11.964	HH	222105	3770942	28.39%	0.319%
252	11.971	11.964	12.003	HH	221030	5072822	38.19%	0.429%
253	12.009	12.003	12.014	HH	211454	1366617	10.29%	0.116%
254	12.017	12.014	12.031	HH	211948	2059755	15.51%	0.174%
255	12.049	12.031	12.058	HH	216017	3432141	25.84%	0.290%
256	12.063	12.058	12.085	HH	214076	3339874	25.14%	0.282%
257	12.099	12.085	12.119	HH	215499	4312947	32.47%	0.365%
258	12.124	12.119	12.143	HH	212166	3042834	22.91%	0.257%
259	12.153	12.143	12.177	HH	212216	4168831	31.38%	0.352%
260	12.182	12.177	12.187	HH	198823	1194852	8.99%	0.101%
261	12.194	12.187	12.202	HH	206576	1792913	13.50%	0.152%
262	12.206	12.202	12.216	HH	204230	1733951	13.05%	0.147%
263	12.250	12.216	12.283	HH	300254	9432399	71.01%	0.797%
264	12.314	12.283	12.328	HH	216014	5646825	42.51%	0.477%
265	12.338	12.328	12.362	HH	206722	4137873	31.15%	0.350%
266	12.375	12.362	12.393	HH	209114	3791032	28.54%	0.320%
267	12.405	12.393	12.420	HH	211291	3319236	24.99%	0.281%
268	12.429	12.420	12.452	HH	207522	3867116	29.11%	0.327%
269	12.490	12.452	12.513	HH	208149	7330209	55.18%	0.620%
270	12.517	12.513	12.528	HH	198211	1662573	12.52%	0.141%
271	12.552	12.528	12.561	HH	202676	3957369	29.79%	0.334%
272	12.563	12.561	12.575	HH	200351	1633860	12.30%	0.138%
273	12.593	12.575	12.610	HH	209510	4236185	31.89%	0.358%
274	12.635	12.610	12.675	HH	538096	11453692	86.22%	0.968%
275	12.713	12.675	12.745	HH	346998	9890442	74.46%	0.836%
276	12.757	12.745	12.794	HH	201735	5697091	42.89%	0.482%
277	12.796	12.794	12.802	HH	186096	836176	6.29%	0.071%
278	12.806	12.802	12.818	HH	189171	1851811	13.94%	0.157%
279	12.839	12.818	12.844	HH	186576	2861374	21.54%	0.242%
280	12.848	12.844	12.857	HH	186270	1390737	10.47%	0.118%
281	12.865	12.857	12.874	HH	191317	1964016	14.79%	0.166%
282	12.878	12.874	12.888	HH	187681	1585317	11.93%	0.134%
283	12.907	12.888	12.929	HH	190646	4560733	34.33%	0.385%
284	12.959	12.929	12.967	HH	185459	4138204	31.15%	0.350%
285	12.971	12.967	12.980	HH	183560	1467748	11.05%	0.124%
286	13.012	12.980	13.041	HH	303303	8020473	60.38%	0.678%
287	13.065	13.041	13.082	HH	198357	4576274	34.45%	0.387%
288	13.098	13.082	13.106	HH	194103	2729366	20.55%	0.231%
289	13.120	13.106	13.144	HH	210508	4465862	33.62%	0.377%
290	13.149	13.144	13.154	HH	179411	999319	7.52%	0.084%
291	13.160	13.154	13.169	HH	178617	1597309	12.02%	0.135%
292	13.192	13.169	13.198	HH	182043	3170326	23.87%	0.268%
293	13.208	13.198	13.236	HH	179261	3947665	29.72%	0.334%
294	13.273	13.236	13.277	HH	181329	4392266	33.06%	0.371%
295	13.287	13.277	13.312	HH	182079	3712409	27.95%	0.314%
296	13.313	13.312	13.324	HH	179788	1328170	10.00%	0.112%
297	13.331	13.324	13.372	HH	176586	4983155	37.51%	0.421%
298	13.376	13.372	13.389	HH	167802	1665294	12.54%	0.141%
299	13.399	13.389	13.411	HH	170908	2197007	16.54%	0.186%

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300	13.423	13.411	13.447	HH	173539	3640831	27.41%	0.308%
301	13.475	13.447	13.498	HH	211916	5670315	42.69%	0.479%
302	13.504	13.498	13.509	HH	168907	1091863	8.22%	0.092%
303	13.515	13.509	13.547	HH	168522	3790005	28.53%	0.320%
304	13.561	13.547	13.566	HH	167347	1834062	13.81%	0.155%
305	13.570	13.566	13.577	HH	165901	1062850	8.00%	0.090%
306	13.597	13.577	13.618	HH	178966	4217178	31.75%	0.356%
307	13.632	13.618	13.649	HH	163222	2963869	22.31%	0.251%
308	13.667	13.649	13.683	HH	161360	3246535	24.44%	0.274%
309	13.702	13.683	13.727	HH	171388	4348158	32.73%	0.368%
310	13.747	13.727	13.766	HH	164365	3712358	27.95%	0.314%
311	13.787	13.766	13.797	HH	158803	2893296	21.78%	0.245%
312	13.830	13.797	13.862	HH	455633	9538787	71.81%	0.806%
313	13.878	13.862	13.900	HH	156428	3502056	26.36%	0.296%
314	13.912	13.900	13.933	HH	154122	3010202	22.66%	0.254%
315	13.945	13.933	13.953	HH	147481	1698308	12.78%	0.144%
316	13.959	13.953	13.964	HH	147467	1005346	7.57%	0.085%
317	13.983	13.964	13.995	HH	148602	2728855	20.54%	0.231%
318	13.999	13.995	14.009	HH	146088	1229677	9.26%	0.104%
319	14.013	14.009	14.022	HH	144843	1140690	8.59%	0.096%
320	14.030	14.022	14.036	HH	143215	1133283	8.53%	0.096%
321	14.057	14.036	14.096	HH	154482	5239955	39.45%	0.443%
322	14.108	14.096	14.114	HH	143079	1549245	11.66%	0.131%
323	14.123	14.114	14.143	HH	144017	2466759	18.57%	0.209%
324	14.152	14.143	14.164	HH	138881	1724326	12.98%	0.146%
325	14.170	14.164	14.176	HH	137115	997368	7.51%	0.084%
326	14.186	14.176	14.190	HH	136468	1113186	8.38%	0.094%
327	14.199	14.190	14.206	HH	138534	1300472	9.79%	0.110%
328	14.223	14.206	14.247	HH	142501	3446892	25.95%	0.291%
329	14.262	14.247	14.276	HH	135559	2293215	17.26%	0.194%
330	14.295	14.276	14.302	HH	136973	2071443	15.59%	0.175%
331	14.305	14.302	14.320	HH	136926	1490021	11.22%	0.126%
332	14.341	14.320	14.350	HH	138032	2406042	18.11%	0.203%
333	14.354	14.350	14.378	HH	135611	2212543	16.66%	0.187%
334	14.386	14.378	14.392	HH	130518	1036268	7.80%	0.088%
335	14.395	14.392	14.402	HH	130994	831261	6.26%	0.070%
336	14.407	14.402	14.415	HH	127923	955455	7.19%	0.081%
337	14.424	14.415	14.442	HH	130162	2120741	15.96%	0.179%
338	14.453	14.442	14.457	HH	129057	1134663	8.54%	0.096%
339	14.464	14.457	14.477	HH	131210	1556139	11.71%	0.132%
340	14.512	14.477	14.556	HH	137683	6161380	46.38%	0.521%
341	14.575	14.556	14.595	HH	136892	3009132	22.65%	0.254%
342	14.641	14.595	14.657	HH	128675	4631018	34.86%	0.391%
343	14.659	14.657	14.691	HH	124506	2520551	18.97%	0.213%
344	14.725	14.691	14.769	HH	311906	7993222	60.17%	0.676%
345	14.775	14.769	14.800	HH	118628	2132745	16.06%	0.180%
346	14.818	14.800	14.829	HH	117034	2014930	15.17%	0.170%
347	14.839	14.829	14.854	HH	116109	1689569	12.72%	0.143%
348	14.857	14.854	14.863	HH	114409	661291	4.98%	0.056%
349	14.886	14.863	14.903	HH	179110	3428971	25.81%	0.290%
350	14.929	14.903	14.955	HH	456995	7656444	57.64%	0.647%
351	14.960	14.955	14.980	HH	113943	1665370	12.54%	0.141%

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352	14.985	14.980	14.995	HH	112289	1028147	7.74%	0.087%
353	15.000	14.995	15.024	HH	110611	1908169	14.36%	0.161%
354	15.050	15.024	15.065	HH	121160	2809735	21.15%	0.237%
355	15.076	15.065	15.103	HH	116430	2465605	18.56%	0.208%
356	15.122	15.103	15.128	HH	107912	1641124	12.35%	0.139%
357	15.134	15.128	15.162	HH	108022	2147972	16.17%	0.182%
358	15.188	15.162	15.221	HH	110017	3718030	27.99%	0.314%
359	15.227	15.221	15.247	HH	105207	1600950	12.05%	0.135%
360	15.255	15.247	15.262	HH	106299	1001193	7.54%	0.085%
361	15.267	15.262	15.288	HH	104849	1595091	12.01%	0.135%
362	15.310	15.288	15.356	HH	149766	4797030	36.11%	0.405%
363	15.368	15.356	15.399	HH	106623	2610126	19.65%	0.221%
364	15.404	15.399	15.414	HH	101076	936954	7.05%	0.079%
365	15.422	15.414	15.427	HH	102546	793416	5.97%	0.067%
366	15.448	15.427	15.455	HH	106969	1726853	13.00%	0.146%
367	15.462	15.455	15.501	HH	106116	2850692	21.46%	0.241%
368	15.530	15.501	15.546	HH	110412	2835048	21.34%	0.240%
369	15.557	15.546	15.574	HH	108655	1776850	13.38%	0.150%
370	15.578	15.574	15.582	HH	99042	492378	3.71%	0.042%
371	15.599	15.582	15.629	HH	104284	2820514	21.23%	0.238%
372	15.641	15.629	15.663	HH	100065	2003166	15.08%	0.169%
373	15.718	15.663	15.750	HH	107272	5347731	40.26%	0.452%
374	15.764	15.750	15.785	HH	103746	2131161	16.04%	0.180%
375	15.794	15.785	15.812	HH	103835	1662819	12.52%	0.141%
376	15.831	15.812	15.866	HH	100543	3165427	23.83%	0.268%
377	15.876	15.866	15.892	HH	99218	1544158	11.62%	0.131%
378	15.904	15.892	15.909	HH	99242	987195	7.43%	0.083%
379	15.948	15.909	15.975	HH	362526	7238920	54.49%	0.612%
380	15.979	15.975	15.985	HH	104053	620227	4.67%	0.052%
381	15.992	15.985	16.028	HH	103513	2584966	19.46%	0.218%
382	16.042	16.028	16.067	HH	99737	2304884	17.35%	0.195%
383	16.070	16.067	16.075	HH	97592	436176	3.28%	0.037%
384	16.097	16.075	16.103	HH	99044	1645301	12.39%	0.139%
385	16.110	16.103	16.117	HH	100226	817981	6.16%	0.069%
386	16.168	16.117	16.206	HH	111552	5587804	42.06%	0.472%
387	16.261	16.206	16.285	HH	116203	5055717	38.06%	0.427%
388	16.321	16.285	16.347	HH	129851	4256020	32.04%	0.360%
389	16.352	16.347	16.393	HH	110035	2993910	22.54%	0.253%
390	16.410	16.393	16.414	HH	111409	1365123	10.28%	0.115%
391	16.445	16.414	16.462	HH	178672	4126143	31.06%	0.349%
392	16.471	16.462	16.493	HH	134880	2302433	17.33%	0.195%
393	16.515	16.493	16.535	HH	126590	2926596	22.03%	0.247%
394	16.542	16.535	16.548	HH	111598	883325	6.65%	0.075%
395	16.576	16.548	16.600	HH	128436	3738005	28.14%	0.316%
396	16.607	16.600	16.624	HH	117718	1651557	12.43%	0.140%
397	16.629	16.624	16.637	HH	117807	979092	7.37%	0.083%
398	16.647	16.637	16.683	HH	118774	3195222	24.05%	0.270%
399	16.704	16.683	16.708	HH	118238	1740305	13.10%	0.147%
400	16.723	16.708	16.731	HH	121203	1600823	12.05%	0.135%
401	16.768	16.731	16.800	HH	167311	5548691	41.77%	0.469%
402	16.825	16.800	16.858	HH	173430	4806039	36.18%	0.406%
403	16.896	16.858	16.918	HH	372041	7667587	57.72%	0.648%
404	16.929	16.918	16.961	HH	152259	3611933	27.19%	0.305%

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405	16.973	16.961	16.990	HH	129644	2220869	16.72%	0.188%
406	17.005	16.990	17.009	HH	126451	1443688	10.87%	0.122%
407	17.021	17.009	17.035	HH	129935	1991741	14.99%	0.168%
408	17.041	17.035	17.061	HH	128417	1937442	14.59%	0.164%
409	17.087	17.061	17.093	HH	130966	2431735	18.31%	0.206%
410	17.160	17.093	17.184	HH	152125	7583541	57.09%	0.641%
411	17.188	17.184	17.198	HH	134210	1136143	8.55%	0.096%
412	17.232	17.198	17.247	HH	139242	3933858	29.61%	0.333%
413	17.261	17.247	17.285	HH	142948	3145205	23.68%	0.266%
414	17.300	17.285	17.312	HH	137604	2166547	16.31%	0.183%
415	17.335	17.312	17.366	HH	159916	4706730	35.43%	0.398%
416	17.394	17.366	17.416	HH	137940	4075311	30.68%	0.344%
417	17.438	17.416	17.457	HH	140524	3299680	24.84%	0.279%
418	17.479	17.457	17.510	HH	156588	4596728	34.60%	0.389%
419	17.518	17.510	17.524	HH	135289	1163948	8.76%	0.098%
420	17.528	17.524	17.546	HH	137479	1795352	13.52%	0.152%
421	17.562	17.546	17.589	HH	139100	3500982	26.36%	0.296%
422	17.593	17.589	17.614	HH	134613	2015742	15.17%	0.170%
423	17.633	17.614	17.636	HH	138753	1826625	13.75%	0.154%
424	17.653	17.636	17.668	HH	142086	2667530	20.08%	0.225%
425	17.695	17.668	17.727	HH	150031	5052278	38.03%	0.427%
426	17.782	17.727	17.826	HH	388169	11818672	88.97%	0.999%
427	17.849	17.826	17.859	HH	149493	2842399	21.40%	0.240%
428	17.871	17.859	17.900	HH	149622	3547825	26.71%	0.300%
429	17.949	17.900	17.965	HH	211805	6678804	50.28%	0.565%
430	17.971	17.965	18.019	HH	182066	5194669	39.11%	0.439%
431	18.042	18.019	18.048	HH	149151	2576240	19.39%	0.218%
432	18.051	18.048	18.073	HH	150166	2189604	16.48%	0.185%
433	18.079	18.073	18.083	HH	144403	846053	6.37%	0.072%
434	18.107	18.083	18.118	HH	158217	3213023	24.19%	0.272%
435	18.143	18.118	18.170	HH	186459	5179983	38.99%	0.438%
436	18.199	18.170	18.225	HH	196583	5515271	41.52%	0.466%
437	18.235	18.225	18.241	HH	149323	1414645	10.65%	0.120%
438	18.286	18.241	18.291	HH	162954	4722318	35.55%	0.399%
439	18.316	18.291	18.372	HH	269804	9014775	67.86%	0.762%
440	18.380	18.372	18.416	HH	155527	3990380	30.04%	0.337%
441	18.454	18.416	18.495	HH	185756	7582287	57.08%	0.641%
442	18.497	18.495	18.512	HH	150505	1486588	11.19%	0.126%
443	18.527	18.512	18.549	HH	148530	3292168	24.78%	0.278%
444	18.611	18.549	18.645	HH	388648	12096305	91.06%	1.022%
445	18.653	18.645	18.659	HH	148757	1247541	9.39%	0.105%
446	18.707	18.659	18.715	HH	159965	5191113	39.08%	0.439%
447	18.735	18.715	18.760	HH	187943	4509567	33.95%	0.381%
448	18.783	18.760	18.812	HH	189847	5256409	39.57%	0.444%
449	18.826	18.812	18.848	HH	156985	3370657	25.37%	0.285%
450	18.883	18.848	18.892	HH	158768	4079374	30.71%	0.345%
451	18.914	18.892	18.935	HH	165035	4123696	31.04%	0.349%
452	18.967	18.935	18.999	HH	169351	6250069	47.05%	0.528%
453	19.007	18.999	19.021	HH	164342	2110525	15.89%	0.178%
454	19.025	19.021	19.043	HH	161454	2158993	16.25%	0.182%
455	19.064	19.043	19.092	HH	175389	4808083	36.20%	0.406%
456	19.133	19.092	19.154	HH	173844	6102690	45.94%	0.516%

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457	19.158	19.154	19.176	HH	162531	2093193	15.76%	0.177%
458	19.188	19.176	19.194	HH	155741	1616140	12.17%	0.137%
459	19.197	19.194	19.203	HH	155441	852465	6.42%	0.072%
460	19.210	19.203	19.234	HH	156648	2864681	21.57%	0.242%
461	19.268	19.234	19.297	HH	161880	6013605	45.27%	0.508%
462	19.323	19.297	19.342	HH	156193	4137712	31.15%	0.350%
463	19.392	19.342	19.421	HH	432967	11072259	83.35%	0.936%
464	19.443	19.421	19.462	HH	171641	4049780	30.49%	0.342%
465	19.472	19.462	19.492	HH	163461	2922601	22.00%	0.247%
466	19.500	19.492	19.507	HH	163591	1399253	10.53%	0.118%
467	19.511	19.507	19.519	HH	161149	1207340	9.09%	0.102%
468	19.540	19.519	19.566	HH	165770	4507834	33.93%	0.381%
469	19.576	19.566	19.580	HH	159557	1404679	10.57%	0.119%
470	19.606	19.580	19.626	HH	173183	4525549	34.07%	0.383%
471	19.632	19.626	19.645	HH	162931	1880032	14.15%	0.159%
472	19.673	19.645	19.706	HH	176686	6156000	46.34%	0.520%
473	19.715	19.706	19.720	HH	163273	1326296	9.98%	0.112%
474	19.765	19.720	19.817	HH	205822	10286268	77.43%	0.869%
475	19.828	19.817	19.846	HH	170118	2887515	21.74%	0.244%
476	19.853	19.846	19.864	HH	165074	1765294	13.29%	0.149%
477	19.870	19.864	19.875	HH	163967	1085389	8.17%	0.092%
478	19.897	19.875	19.909	HH	169336	3387826	25.50%	0.286%
479	19.912	19.909	19.921	HH	168947	1278476	9.62%	0.108%
480	19.927	19.921	19.932	HH	167949	1063209	8.00%	0.090%
481	19.950	19.932	19.958	HH	169432	2572361	19.36%	0.217%
482	19.990	19.958	20.005	HH	181787	5004865	37.68%	0.423%
483	20.008	20.005	20.014	HH	168642	819534	6.17%	0.069%
484	20.035	20.014	20.043	HH	173126	2989526	22.51%	0.253%
485	20.053	20.043	20.074	HH	174455	3266481	24.59%	0.276%
486	20.130	20.074	20.164	HH	472393	13283755	100.00%	1.123%
487	20.179	20.164	20.183	HH	172775	1955718	14.72%	0.165%
488	20.188	20.183	20.197	HH	173864	1471103	11.07%	0.124%
489	20.215	20.197	20.240	HH	178173	4482217	33.74%	0.379%
490	20.249	20.240	20.275	HH	174286	3661071	27.56%	0.309%
491	20.280	20.275	20.287	HH	171163	1170589	8.81%	0.099%
492	20.298	20.287	20.321	HH	177682	3553526	26.75%	0.300%
493	20.327	20.321	20.339	HH	171500	1805642	13.59%	0.153%
494	20.363	20.339	20.371	HH	171813	3337725	25.13%	0.282%
495	20.394	20.371	20.419	HH	173074	4893198	36.84%	0.414%
496	20.426	20.419	20.443	HH	169677	2445789	18.41%	0.207%
497	20.469	20.443	20.475	HH	171388	3284050	24.72%	0.278%
498	20.485	20.475	20.526	HH	173639	5122250	38.56%	0.433%
499	20.535	20.526	20.542	HH	168226	1651073	12.43%	0.140%
500	20.549	20.542	20.556	HH	166346	1412899	10.64%	0.119%
501	20.563	20.556	20.574	HH	166493	1770876	13.33%	0.150%
502	20.581	20.574	20.589	HH	165689	1424734	10.73%	0.120%
503	20.594	20.589	20.601	HH	164243	1214236	9.14%	0.103%
504	20.614	20.601	20.622	HH	165811	2061988	15.52%	0.174%
505	20.626	20.622	20.638	HH	165496	1604783	12.08%	0.136%
506	20.644	20.638	20.654	HH	163261	1552426	11.69%	0.131%
507	20.659	20.654	20.665	HH	162419	1069403	8.05%	0.090%
508	20.672	20.665	20.682	HH	162437	1632300	12.29%	0.138%
509	20.704	20.682	20.718	HH	163627	3512571	26.44%	0.297%

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rteres								
510	20.726	20.718	20.749	HH	162746	2957566	22.26%	0.250%
511	20.773	20.749	20.804	HH	161809	5332049	40.14%	0.451%
512	20.808	20.804	20.825	HH	157537	1967102	14.81%	0.166%
513	20.872	20.825	20.912	HH	391922	12241231	92.15%	1.035%
514	20.923	20.912	20.930	HH	149497	1634386	12.30%	0.138%
515	20.941	20.930	20.947	HH	148742	1510399	11.37%	0.128%
516	20.961	20.947	20.965	HH	149495	1557818	11.73%	0.132%
517	20.971	20.965	20.985	HH	149950	1816399	13.67%	0.154%
518	21.019	20.985	21.032	HH	151425	4233086	31.87%	0.358%
519	21.035	21.032	21.047	HH	150004	1358633	10.23%	0.115%
520	21.058	21.047	21.082	HH	148702	3062282	23.05%	0.259%
521	21.090	21.082	21.097	HH	146717	1320742	9.94%	0.112%
522	21.106	21.097	21.137	HH	146296	3394991	25.56%	0.287%
523	21.142	21.137	21.167	HH	142250	2591611	19.51%	0.219%
524	21.175	21.167	21.181	HH	142097	1192771	8.98%	0.101%
525	21.186	21.181	21.198	HH	141207	1410565	10.62%	0.119%
526	21.200	21.198	21.215	HH	141117	1488880	11.21%	0.126%
527	21.224	21.215	21.254	HH	142209	3241194	24.40%	0.274%
528	21.264	21.254	21.273	HH	138539	1523414	11.47%	0.129%
529	21.303	21.273	21.324	HH	141317	4289815	32.29%	0.363%
530	21.343	21.324	21.349	HH	139185	2057209	15.49%	0.174%
531	21.353	21.349	21.357	HH	138890	701346	5.28%	0.059%
532	21.371	21.357	21.384	HH	140301	2231061	16.80%	0.189%
533	21.403	21.384	21.431	HH	142275	3945903	29.70%	0.334%
534	21.435	21.431	21.441	HH	137656	833090	6.27%	0.070%
535	21.447	21.441	21.469	HH	137486	2328077	17.53%	0.197%
536	21.474	21.469	21.491	HH	135337	1722848	12.97%	0.146%
537	21.495	21.491	21.525	HH	132595	2661123	20.03%	0.225%
538	21.527	21.525	21.533	HH	130906	631086	4.75%	0.053%
539	21.538	21.533	21.545	HH	130495	997394	7.51%	0.084%
540	21.549	21.545	21.582	HH	129741	2796457	21.05%	0.236%
541	21.594	21.582	21.603	HH	128929	1672993	12.59%	0.141%
542	21.610	21.603	21.616	HH	129311	953593	7.18%	0.081%
543	21.621	21.616	21.628	HH	129645	924631	6.96%	0.078%
544	21.633	21.628	21.654	HH	129058	1999740	15.05%	0.169%
545	21.676	21.654	21.685	HH	131391	2477004	18.65%	0.209%
546	21.694	21.685	21.702	HH	130819	1319449	9.93%	0.112%
547	21.714	21.702	21.741	HH	131203	2985641	22.48%	0.252%
548	21.796	21.741	21.850	HHA	312430	12608934	94.92%	1.066%
Sum of corrected areas:					1183091293			

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