

rteres

Instrument :

FID_G

ClientSampleId :

G-14

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 12/02/2021

Supervised By :mohammad ahmed 12/02/2021

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG12012
Data File : FG009119.D
Signal(s) : FID1A.ch
Acq On : 01 Dec 2021 16:41
Sample : M4863-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112321.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.005	1.998	2.018	BH	984	9175	0.10%	0.002%
2	2.022	2.018	2.039	HH	995	12245	0.14%	0.003%
3	2.042	2.039	2.059	HH	923	10869	0.12%	0.002%
4	2.061	2.059	2.069	HH	890	5289	0.06%	0.001%
5	2.073	2.069	2.082	HH	919	6502	0.07%	0.001%
6	2.094	2.082	2.117	HH	965	19045	0.21%	0.004%
7	2.153	2.117	2.178	HH	1003	31717	0.36%	0.007%
8	2.186	2.178	2.192	HH	905	7652	0.09%	0.002%
9	2.206	2.192	2.224	HH	1008	16501	0.18%	0.004%
10	2.230	2.224	2.252	HH	869	13549	0.15%	0.003%
11	2.255	2.252	2.262	HH	844	4437	0.05%	0.001%
12	2.267	2.262	2.273	HH	750	4701	0.05%	0.001%
13	2.277	2.273	2.288	HH	825	7122	0.08%	0.002%
14	2.292	2.288	2.300	HH	792	5304	0.06%	0.001%
15	2.313	2.300	2.329	HH	835	12981	0.15%	0.003%
16	2.339	2.329	2.380	HH	854	23302	0.26%	0.005%
17	2.389	2.380	2.409	HH	722	11583	0.13%	0.003%
18	2.412	2.409	2.435	HH	739	10376	0.12%	0.002%
19	2.440	2.435	2.448	HH	705	5174	0.06%	0.001%
20	2.456	2.448	2.466	HH	696	6771	0.08%	0.002%
21	2.470	2.466	2.476	HH	717	3984	0.04%	0.001%
22	2.489	2.476	2.504	HH	820	11469	0.13%	0.003%
23	2.531	2.504	2.548	HH	741	17320	0.19%	0.004%
24	2.562	2.548	2.568	HH	730	8081	0.09%	0.002%
25	2.580	2.568	2.596	HH	783	11472	0.13%	0.003%
26	2.605	2.596	2.628	HH	744	12312	0.14%	0.003%
27	2.634	2.628	2.644	HH	606	5413	0.06%	0.001%
28	2.651	2.644	2.655	HH	635	3626	0.04%	0.001%
29	2.666	2.655	2.685	HH	746	10559	0.12%	0.002%
30	2.690	2.685	2.701	HH	638	5275	0.06%	0.001%
31	2.711	2.701	2.724	HH	636	7795	0.09%	0.002%
32	2.730	2.724	2.734	HH	637	3774	0.04%	0.001%
33	2.739	2.734	2.750	HH	659	5263	0.06%	0.001%
34	2.755	2.750	2.767	HH	595	5517	0.06%	0.001%
35	2.778	2.767	2.790	HH	584	7254	0.08%	0.002%
36	2.795	2.790	2.822	HH	576	10655	0.12%	0.002%

37	2.824	2.822	2.840	HH	578	5893	0.07%	0.001%
38	2.845	2.840	2.865	HH	538	7090	0.07%	0.001%
39	2.871	2.865	2.878	HH	501	3681	0.07%	0.001%
40	2.888	2.878	2.933	HH	628	18360	0.07%	0.001%
41	2.937	2.933	2.943	HH	532	2948	0.07%	0.001%
42	2.962	2.943	2.978	HH	592	10487	0.07%	0.001%
43	2.988	2.978	2.999	HH	532	6279	0.07%	0.001%
44	3.003	2.999	3.021	HH	486	6112	0.07%	0.001%
45	3.026	3.021	3.058	HH	526	10189	0.11%	0.002%
46	3.063	3.058	3.072	HH	516	3823	0.04%	0.001%
47	3.081	3.072	3.092	HH	645	6184	0.07%	0.001%
48	3.096	3.092	3.118	HH	616	8460	0.09%	0.002%
49	3.120	3.118	3.133	HH	562	4273	0.05%	0.001%
50	3.137	3.133	3.158	HH	574	7242	0.08%	0.002%
51	3.163	3.158	3.167	HH	504	2554	0.03%	0.001%
52	3.175	3.167	3.180	HH	582	3875	0.04%	0.001%
53	3.187	3.180	3.195	HH	595	4558	0.05%	0.001%
54	3.200	3.195	3.208	HH	493	3417	0.04%	0.001%
55	3.212	3.208	3.217	HH	533	2475	0.03%	0.001%
56	3.239	3.217	3.246	HH	502	7544	0.08%	0.002%
57	3.271	3.246	3.280	HH	489	8397	0.09%	0.002%
58	3.297	3.280	3.312	HH	469	8273	0.09%	0.002%
59	3.317	3.312	3.329	HH	500	4372	0.05%	0.001%
60	3.333	3.329	3.339	HH	485	2446	0.03%	0.001%
61	3.343	3.339	3.354	HH	450	3680	0.04%	0.001%
62	3.365	3.354	3.386	HH	545	8886	0.10%	0.002%
63	3.390	3.386	3.396	HH	463	2512	0.03%	0.001%
64	3.410	3.396	3.416	HH	457	4802	0.05%	0.001%
65	3.419	3.416	3.427	HH	391	2593	0.03%	0.001%
66	3.432	3.427	3.455	HH	514	6783	0.08%	0.002%
67	3.460	3.455	3.484	HH	409	6636	0.07%	0.002%
68	3.491	3.484	3.503	HH	423	4309	0.05%	0.001%
69	3.510	3.503	3.514	HH	398	2422	0.03%	0.001%
70	3.541	3.514	3.546	HH	488	7464	0.08%	0.002%
71	3.552	3.546	3.589	HH	457	9554	0.11%	0.002%
72	3.594	3.589	3.615	HH	415	5169	0.06%	0.001%
73	3.639	3.615	3.645	HH	451	7207	0.08%	0.002%
74	3.665	3.645	3.699	HH	5016	50535	0.57%	0.012%
75	3.706	3.699	3.722	HH	360	4243	0.05%	0.001%
76	3.737	3.722	3.742	HH	402	4263	0.05%	0.001%
77	3.747	3.742	3.752	HH	463	2602	0.03%	0.001%
78	3.756	3.752	3.774	HH	402	4606	0.05%	0.001%
79	3.796	3.774	3.824	HH	460	10820	0.12%	0.002%
80	3.827	3.824	3.837	HH	337	2432	0.03%	0.001%
81	3.840	3.837	3.856	HH	327	3387	0.04%	0.001%
82	3.859	3.856	3.864	HH	336	1545	0.02%	0.000%
83	3.868	3.864	3.885	HH	375	4140	0.05%	0.001%
84	3.913	3.885	3.944	HH	370	11410	0.13%	0.003%
85	3.950	3.944	3.997	HH	447	10327	0.12%	0.002%
86	4.001	3.997	4.006	HH	300	1338	0.01%	0.000%
87	4.023	4.006	4.035	HH	351	5430	0.06%	0.001%
88	4.038	4.035	4.051	HH	392	2919	0.03%	0.001%
89	4.081	4.051	4.120	HH	415	13011	0.15%	0.003%

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90	4.134	4.120	4.156	HH	407	6789	0.08%	0.002%
91	4.162	4.156	4.173	HH	376	3234		
92	4.181	4.173	4.190	HH	356	3074		
93	4.193	4.190	4.203	HH	416	2853		
94	4.212	4.203	4.235	HH	470	6865		
95	4.241	4.235	4.244	HH	412	1798		
96	4.247	4.244	4.254	HH	396	2032	0.02%	0.000%
97	4.259	4.254	4.269	HH	422	3362	0.04%	0.001%
98	4.280	4.269	4.286	HH	407	3691	0.04%	0.001%
99	4.306	4.286	4.322	HH	337	6637	0.07%	0.002%
100	4.325	4.322	4.330	HH	297	1277	0.01%	0.000%
101	4.347	4.330	4.374	HH	313	6792	0.08%	0.002%
102	4.380	4.374	4.387	HH	445	2222	0.02%	0.001%
103	4.392	4.387	4.405	HH	281	2520	0.03%	0.001%
104	4.409	4.405	4.424	HH	253	2837	0.03%	0.001%
105	4.440	4.424	4.470	HH	573	8782	0.10%	0.002%
106	4.483	4.470	4.518	HH	320	7724	0.09%	0.002%
107	4.529	4.518	4.554	HH	327	5811	0.07%	0.001%
108	4.562	4.554	4.577	HH	259	3303	0.04%	0.001%
109	4.593	4.577	4.625	HH	663	11176	0.13%	0.003%
110	4.641	4.625	4.655	HH	427	5869	0.07%	0.001%
111	4.664	4.655	4.683	HH	389	5292	0.06%	0.001%
112	4.688	4.683	4.709	HH	387	4828	0.05%	0.001%
113	4.730	4.709	4.782	HH	409	10659	0.12%	0.002%
114	4.786	4.782	4.802	HH	242	2185	0.02%	0.000%
115	4.817	4.802	4.838	HH	231	4022	0.05%	0.001%
116	4.856	4.838	4.869	HH	275	3955	0.04%	0.001%
117	4.873	4.869	4.878	HH	238	1087	0.01%	0.000%
118	4.888	4.878	4.892	HH	247	1733	0.02%	0.000%
119	4.899	4.892	4.905	HH	325	2084	0.02%	0.000%
120	4.923	4.905	4.937	HH	334	4524	0.05%	0.001%
121	4.942	4.937	4.946	HH	208	917	0.01%	0.000%
122	4.971	4.946	4.979	HH	194	3045	0.03%	0.001%
123	4.985	4.979	4.995	HH	136	1007	0.01%	0.000%
124	5.002	4.995	5.018	HH	169	1592	0.02%	0.000%
125	5.024	5.018	5.047	HH	157	1761	0.02%	0.000%
126	5.052	5.047	5.056	HH	140	560	0.01%	0.000%
127	5.061	5.056	5.075	HH	188	1478	0.02%	0.000%
128	5.082	5.075	5.115	HH	265	3838	0.04%	0.001%
129	5.122	5.115	5.127	HH	245	1524	0.02%	0.000%
130	5.136	5.127	5.158	HH	315	3963	0.04%	0.001%
131	5.163	5.158	5.168	HH	189	1118	0.01%	0.000%
132	5.175	5.168	5.234	HH	215	5607	0.06%	0.001%
133	5.270	5.234	5.289	HH	226	4470	0.05%	0.001%
134	5.313	5.289	5.345	HH	228	5707	0.06%	0.001%
135	5.373	5.345	5.400	HH	299	5942	0.07%	0.001%
136	5.404	5.400	5.410	HH	105	529	0.01%	0.000%
137	5.414	5.410	5.427	HH	169	926	0.01%	0.000%
138	5.430	5.427	5.437	HH	79	397	0.00%	0.000%
139	5.454	5.437	5.459	HH	170	1064	0.01%	0.000%
140	5.483	5.459	5.507	HH	361	6829	0.08%	0.002%
141	5.515	5.507	5.533	HH	313	3186	0.04%	0.001%

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142	5.540	5.533	5.545	HH	185	1109	0.01%	0.000%
143	5.550	5.545	5.560	HH	197	1426	0.01%	0.000%
144	5.570	5.560	5.577	HH	227	1397	0.01%	0.000%
145	5.586	5.577	5.622	PH	168	3383	0.01%	0.000%
146	5.624	5.622	5.630	HH	156	583	0.01%	0.000%
147	5.667	5.630	5.700	HH	327	7945	0.01%	0.000%
148	5.705	5.700	5.711	HH	120	620	0.01%	0.000%
149	5.717	5.711	5.723	HH	138	675	0.01%	0.000%
150	5.731	5.723	5.745	HH	137	1241	0.01%	0.000%
151	5.767	5.745	5.794	HH	460	7207	0.08%	0.002%
152	5.799	5.794	5.822	HH	210	2536	0.03%	0.001%
153	5.824	5.822	5.840	HH	198	1175	0.01%	0.000%
154	5.845	5.840	5.850	HH	120	510	0.01%	0.000%
155	5.861	5.850	5.902	HH	135	3425	0.04%	0.001%
156	5.908	5.902	5.930	HH	120	900	0.01%	0.000%
157	5.940	5.930	5.953	HH	161	1458	0.02%	0.000%
158	5.960	5.953	5.982	HH	154	1399	0.02%	0.000%
159	5.986	5.982	5.989	HH	112	437	0.00%	0.000%
160	6.000	5.989	6.022	HH	192	2273	0.03%	0.001%
161	6.046	6.022	6.109	HH	3852	73183	0.82%	0.017%
162	6.132	6.109	6.157	HH	969	24015	0.27%	0.005%
163	6.180	6.157	6.202	HH	1164	24830	0.28%	0.006%
164	6.211	6.202	6.239	HH	819	14338	0.16%	0.003%
165	6.258	6.239	6.301	HH	643	17678	0.20%	0.004%
166	6.318	6.301	6.325	HH	517	6285	0.07%	0.001%
167	6.338	6.325	6.345	HH	479	4914	0.06%	0.001%
168	6.350	6.345	6.372	HH	419	5877	0.07%	0.001%
169	6.392	6.372	6.416	HH	535	10944	0.12%	0.002%
170	6.426	6.416	6.450	HH	398	6835	0.08%	0.002%
171	6.465	6.450	6.487	HH	639	9769	0.11%	0.002%
172	6.490	6.487	6.495	HH	492	1622	0.02%	0.000%
173	6.500	6.495	6.513	HH	355	2721	0.03%	0.001%
174	6.530	6.513	6.537	HH	355	3744	0.04%	0.001%
175	6.559	6.537	6.565	HH	403	4738	0.05%	0.001%
176	6.571	6.565	6.587	HH	327	3899	0.04%	0.001%
177	6.611	6.587	6.636	HH	492	10631	0.12%	0.002%
178	6.649	6.636	6.653	HH	363	2949	0.03%	0.001%
179	6.662	6.653	6.675	HH	429	4581	0.05%	0.001%
180	6.683	6.675	6.697	HH	369	3145	0.04%	0.001%
181	6.724	6.697	6.730	HH	323	4341	0.05%	0.001%
182	6.737	6.730	6.744	HH	289	2330	0.03%	0.001%
183	6.752	6.744	6.778	HH	366	5762	0.06%	0.001%
184	6.789	6.778	6.794	HH	328	2459	0.03%	0.001%
185	6.800	6.794	6.827	HH	356	5222	0.06%	0.001%
186	6.838	6.827	6.846	HH	348	3161	0.04%	0.001%
187	6.873	6.846	6.897	HH	658	12335	0.14%	0.003%
188	6.931	6.897	6.951	HH	483	11064	0.12%	0.003%
189	6.969	6.951	6.982	HH	545	7345	0.08%	0.002%
190	6.997	6.982	7.007	HH	559	7229	0.08%	0.002%
191	7.032	7.007	7.060	HH	762	17487	0.20%	0.004%
192	7.108	7.060	7.164	HH	4933	113046	1.27%	0.026%
193	7.172	7.164	7.217	HH	1388	36281	0.41%	0.008%
194	7.239	7.217	7.295	HH	5640	108553	1.22%	0.025%

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195	7.299	7.295	7.339	HH	1165	23727	0.27%	0.005%
196	7.362	7.339	7.377	HH	885	18680		
197	7.397	7.377	7.430	HH	1381	32525		
198	7.464	7.430	7.477	HH	1021	25132		
199	7.486	7.477	7.505	HH	1007	14662		
200	7.537	7.505	7.559	HH	955	27787		
201	7.573	7.559	7.602	HH	1127	24686	0.28%	0.006%
202	7.610	7.602	7.615	HH	882	6698	0.08%	0.002%
203	7.621	7.615	7.643	HH	948	14718	0.16%	0.003%
204	7.657	7.643	7.665	HH	1074	12519	0.14%	0.003%
205	7.689	7.665	7.730	HH	1794	46402	0.52%	0.011%
206	7.735	7.730	7.755	HH	1038	14433	0.16%	0.003%
207	7.764	7.755	7.770	HH	975	8615	0.10%	0.002%
208	7.784	7.770	7.795	HH	1229	16691	0.19%	0.004%
209	7.840	7.795	7.874	HH	2172	76391	0.86%	0.017%
210	7.877	7.874	7.907	HH	1714	29307	0.33%	0.007%
211	7.941	7.907	7.945	HH	1729	33793	0.38%	0.008%
212	8.008	7.945	8.049	HH	4343	167549	1.88%	0.038%
213	8.091	8.049	8.098	HH	4422	93837	1.05%	0.021%
214	8.104	8.098	8.135	HH	4257	79273	0.89%	0.018%
215	8.156	8.135	8.182	HH	3474	84674	0.95%	0.019%
216	8.205	8.182	8.223	HH	10509	161076	1.80%	0.037%
217	8.234	8.223	8.257	HH	6680	113703	1.27%	0.026%
218	8.273	8.257	8.305	HH	5083	122581	1.37%	0.028%
219	8.311	8.305	8.328	HH	3237	42443	0.48%	0.010%
220	8.356	8.328	8.369	HH	8981	140516	1.57%	0.032%
221	8.391	8.369	8.415	HH	8855	198409	2.22%	0.045%
222	8.435	8.415	8.465	HH	9665	187312	2.10%	0.043%
223	8.483	8.465	8.507	HH	5470	112527	1.26%	0.026%
224	8.534	8.507	8.592	HH	5386	221439	2.48%	0.050%
225	8.630	8.592	8.642	HH	4397	118116	1.32%	0.027%
226	8.687	8.642	8.713	HH	18549	399508	4.48%	0.091%
227	8.732	8.713	8.756	HH	14069	243919	2.73%	0.056%
228	8.771	8.756	8.781	HH	7702	108126	1.21%	0.025%
229	8.799	8.781	8.839	HH	11185	277305	3.11%	0.063%
230	8.847	8.839	8.857	HH	6185	66158	0.74%	0.015%
231	8.928	8.857	8.947	HH	14220	457871	5.13%	0.104%
232	8.964	8.947	8.982	HH	9360	179028	2.01%	0.041%
233	9.000	8.982	9.009	HH	9558	138821	1.56%	0.032%
234	9.021	9.009	9.037	HH	9633	152503	1.71%	0.035%
235	9.048	9.037	9.073	HH	9105	185298	2.08%	0.042%
236	9.096	9.073	9.120	HH	13941	291582	3.27%	0.066%
237	9.139	9.120	9.214	HH	15435	547268	6.13%	0.125%
238	9.254	9.214	9.275	HH	19224	415056	4.65%	0.095%
239	9.290	9.275	9.324	HH	10875	291588	3.27%	0.066%
240	9.342	9.324	9.362	HH	11042	233808	2.62%	0.053%
241	9.393	9.362	9.429	HH	14485	486676	5.45%	0.111%
242	9.433	9.429	9.448	HH	11684	128095	1.43%	0.029%
243	9.493	9.448	9.526	HH	25303	783648	8.78%	0.179%
244	9.553	9.526	9.567	HH	18031	371198	4.16%	0.085%
245	9.572	9.567	9.585	HH	15880	166183	1.86%	0.038%
246	9.596	9.585	9.609	HH	15805	207519	2.32%	0.047%

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Manual IntegrationsAPPROVED

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247	9.627	9.609	9.646	HH	22176	400426	4.49%	0.091%	
248	9.657	9.646	9.667	HH	15133	178801			
249	9.687	9.667	9.712	HH	17208	419751			
250	9.715	9.712	9.733	HH	14149	170925			
251	9.758	9.733	9.777	HH	14681	366680			
252	9.819	9.777	9.839	HH	18961	606391			
253	9.849	9.839	9.866	HH	17557	266601	2.99%	0.061%	
254	9.882	9.866	9.893	HH	18338	280098	3.14%	0.064%	
255	9.904	9.893	9.925	HH	18164	331784	3.72%	0.076%	
256	9.937	9.925	9.954	HH	17564	300863	3.37%	0.069%	
257	9.960	9.954	9.963	HH	16871	88337	0.99%	0.020%	
258	9.986	9.963	10.025	HH	19904	642823	7.20%	0.146%	
259	10.060	10.025	10.087	HH	19147	634541	7.11%	0.145%	
260	10.106	10.087	10.132	HH	19553	476267	5.34%	0.109%	
261	10.148	10.132	10.172	HH	17741	401562	4.50%	0.092%	
262	10.187	10.172	10.194	HH	17842	226554	2.54%	0.052%	
263	10.195	10.194	10.203	HH	17511	93094	1.04%	0.021%	
264	10.223	10.203	10.246	HH	21639	507417	5.68%	0.116%	
265	10.273	10.246	10.294	HH	22822	589886	6.61%	0.134%	
266	10.307	10.294	10.312	HH	20433	213909	2.40%	0.049%	
267	10.335	10.312	10.352	HH	29686	623879	6.99%	0.142%	
268	10.360	10.352	10.387	HH	26632	507387	5.68%	0.116%	
269	10.408	10.387	10.444	HH	25658	785072	8.79%	0.179%	
270	10.479	10.444	10.497	HH	27701	763265	8.55%	0.174%	
271	10.505	10.497	10.520	HH	24139	334941	3.75%	0.076%	
272	10.549	10.520	10.585	HH	38572	1126452	12.62%	0.257%	
273	10.621	10.585	10.631	HH	29706	746037	8.36%	0.170%	
274	10.651	10.631	10.666	HH	33200	612418	6.86%	0.140%	
275	10.694	10.666	10.721	HH	44353	1161903	13.02%	0.265%	
276	10.734	10.721	10.753	HH	29216	547059	6.13%	0.125%	
277	10.756	10.753	10.774	HH	29152	351846	3.94%	0.080%	
278	10.790	10.774	10.805	HH	29754	529266	5.93%	0.121%	
279	10.828	10.805	10.844	HH	29191	655421	7.34%	0.149%	
280	10.888	10.844	10.943	HH	221314	4020559	45.04%	0.916%	
281	10.966	10.943	11.000	HH	64675	1481242	16.59%	0.338%	
282	11.015	11.000	11.030	HH	34892	601915	6.74%	0.137%	
283	11.033	11.030	11.043	HH	32327	263884	2.96%	0.060%	
284	11.049	11.043	11.087	HH	32019	795464	8.91%	0.181%	
285	11.106	11.087	11.124	HH	32195	690580	7.74%	0.157%	
286	11.159	11.124	11.173	HH	33432	951141	10.65%	0.217%	
287	11.193	11.173	11.220	HH	40061	1012439	11.34%	0.231%	
288	11.228	11.220	11.245	HH	33551	493805	5.53%	0.113%	
289	11.256	11.245	11.262	HH	34402	347016	3.89%	0.079%	
290	11.293	11.262	11.309	HH	36854	996685	11.17%	0.227%	
291	11.327	11.309	11.345	HH	38139	764664	8.57%	0.174%	
292	11.357	11.345	11.364	HH	32833	358130	4.01%	0.082%	
293	11.383	11.364	11.389	HH	35802	511960	5.74%	0.117%	
294	11.420	11.389	11.455	HH	73192	1874158	20.99%	0.427%	
295	11.488	11.455	11.507	HH	40088	1156707	12.96%	0.264%	
296	11.546	11.507	11.574	HH	43617	1535111	17.20%	0.350%	
297	11.595	11.574	11.610	HH	43485	871229	9.76%	0.199%	
298	11.627	11.610	11.662	HH	37848	1145108	12.83%	0.261%	
299	11.695	11.662	11.711	HH	82314	1606221	17.99%	0.366%	

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					rt	Area	Area%	Height
300	11.727	11.711	11.765	HH	86984	1805771	20.23%	0.411%
301	11.810	11.765	11.826	HH	74373	1981628	22.12%	0.450%
302	11.845	11.826	11.861	HH	100917	1543034	17.78%	0.236%
303	11.877	11.861	11.924	HH	104105	2239861	25.81%	0.159%
304	11.951	11.924	11.964	HH	41418	947296	10.62%	0.198%
305	11.985	11.964	12.013	HH	44326	1210742	13.81%	0.194%
306	12.025	12.013	12.047	HH	43717	852441	9.55%	0.194%
307	12.074	12.047	12.119	HH	75915	2327278	26.07%	0.530%
308	12.127	12.119	12.147	HH	44642	697535	7.81%	0.159%
309	12.169	12.147	12.194	HH	70985	1511048	16.93%	0.344%
310	12.201	12.194	12.216	HH	46730	610680	6.84%	0.139%
311	12.234	12.216	12.257	HH	52742	1144424	12.82%	0.261%
312	12.265	12.257	12.284	HH	42484	643226	7.21%	0.147%
313	12.315	12.284	12.337	HH	46578	1358376	15.22%	0.310%
314	12.350	12.337	12.362	HH	42580	625691	7.01%	0.143%
315	12.380	12.362	12.393	HH	43482	783135	8.77%	0.178%
316	12.420	12.393	12.429	HH	48243	981399	10.99%	0.224%
317	12.444	12.429	12.474	HH	52848	1290363	14.45%	0.294%
318	12.493	12.474	12.504	HH	63336	1001194	11.22%	0.228%
319	12.509	12.504	12.538	HH	54905	926958	10.38%	0.211%
320	12.565	12.538	12.583	HH	82605	1529776	17.14%	0.349%
321	12.603	12.583	12.620	HH	110216	1789982	20.05%	0.408%
322	12.638	12.620	12.655	HH	71340	1311297	14.69%	0.299%
323	12.667	12.655	12.693	HH	65763	1210688	13.56%	0.276%
324	12.723	12.693	12.780	HH	333921	5723927	64.12%	1.304%
325	12.817	12.780	12.847	HH	44505	1613093	18.07%	0.368%
326	12.877	12.847	12.894	HH	61486	1372158	15.37%	0.313%
327	12.910	12.894	12.924	HH	66458	1020901	11.44%	0.233%
328	12.942	12.924	12.971	HH	63033	1596844	17.89%	0.364%
329	12.979	12.971	12.997	HH	48817	708218	7.93%	0.161%
330	13.030	12.997	13.060	HH	686777	8926842	100.00%	2.034%
331	13.078	13.060	13.099	HH	64076	1194878	13.39%	0.272%
332	13.112	13.099	13.134	HH	51930	973053	10.90%	0.222%
333	13.154	13.134	13.159	HH	43832	627881	7.03%	0.143%
334	13.176	13.159	13.215	HH	48071	1492365	16.72%	0.340%
335	13.229	13.215	13.254	HH	42418	927265	10.39%	0.211%
336	13.263	13.254	13.276	HH	40092	507261	5.68%	0.116%
337	13.300	13.276	13.326	HH	54938	1407705	15.77%	0.321%
338	13.350	13.326	13.396	HH	48634	1700819	19.05%	0.388%
339	13.423	13.396	13.428	HH	41168	747838	8.38%	0.170%
340	13.446	13.428	13.462	HH	48946	896896	10.05%	0.204%
341	13.484	13.462	13.507	HH	86679	1729301	19.37%	0.394%
342	13.518	13.507	13.540	HH	46098	841532	9.43%	0.192%
343	13.555	13.540	13.570	HH	42319	711825	7.97%	0.162%
344	13.614	13.570	13.659	HH	88673	3195972	35.80%	0.728%
345	13.676	13.659	13.696	HH	42158	869697	9.74%	0.198%
346	13.724	13.696	13.741	HH	50459	1181803	13.24%	0.269%
347	13.765	13.741	13.789	HH	110758	1975057	22.12%	0.450%
348	13.799	13.789	13.830	HH	48414	1037313	11.62%	0.236%
349	13.852	13.830	13.859	HH	42291	696464	7.80%	0.159%
350	13.895	13.859	13.916	HH	98479	2065631	23.14%	0.471%
351	13.936	13.916	13.979	HH	98355	2082124	23.32%	0.474%

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352	13.994	13.979	14.013	HH	36557	730474	8.18%	0.166%
353	14.021	14.013	14.040	HH	35200	554184		
354	14.061	14.040	14.079	HH	35989	802673		
355	14.089	14.079	14.113	HH	38663	742904		
356	14.127	14.113	14.172	HH	33535	1142462	12.27%	0.209%
357	14.175	14.172	14.182	HH	31074	177805		
358	14.207	14.182	14.227	HH	36753	917199	10.27%	0.209%
359	14.250	14.227	14.270	HH	33920	851031	9.53%	0.194%
360	14.290	14.270	14.302	HH	38104	676959	7.58%	0.154%
361	14.318	14.302	14.329	HH	38602	601286	6.74%	0.137%
362	14.368	14.329	14.408	HH	66376	2161765	24.22%	0.493%
363	14.416	14.408	14.435	HH	37161	601737	6.74%	0.137%
364	14.458	14.435	14.513	HH	41799	1694510	18.98%	0.386%
365	14.538	14.513	14.574	HH	73378	1838304	20.59%	0.419%
366	14.597	14.574	14.628	HH	101724	2122526	23.78%	0.484%
367	14.679	14.628	14.703	HH	53610	1894032	21.22%	0.432%
368	14.720	14.703	14.732	HH	36428	591998	6.63%	0.135%
369	14.756	14.732	14.778	HH	65715	1357194	15.20%	0.309%
370	14.790	14.778	14.830	HH	42010	1099298	12.31%	0.250%
371	14.835	14.830	14.842	HH	29678	214319	2.40%	0.049%
372	14.849	14.842	14.854	HH	29509	205608	2.30%	0.047%
373	14.918	14.854	14.938	HH	240350	4243642	47.54%	0.967%
374	14.959	14.938	14.997	HH	245774	3865525	43.30%	0.881%
375	15.014	14.997	15.024	HH	37725	597714	6.70%	0.136%
376	15.030	15.024	15.042	HH	35777	387773	4.34%	0.088%
377	15.074	15.042	15.138	HH	54887	2497075	27.97%	0.569%
378	15.154	15.138	15.170	HH	37212	703186	7.88%	0.160%
379	15.177	15.170	15.204	HH	35535	663175	7.43%	0.151%
380	15.228	15.204	15.250	HH	45904	1104826	12.38%	0.252%
381	15.269	15.250	15.323	HH	44942	1598916	17.91%	0.364%
382	15.377	15.323	15.399	HH	47657	1778775	19.93%	0.405%
383	15.403	15.399	15.447	HH	35213	950438	10.65%	0.217%
384	15.475	15.447	15.494	HH	36291	945564	10.59%	0.215%
385	15.507	15.494	15.527	HH	37053	690867	7.74%	0.157%
386	15.550	15.527	15.569	HH	42984	957918	10.73%	0.218%
387	15.594	15.569	15.616	HH	98560	1768209	19.81%	0.403%
388	15.632	15.616	15.673	HH	61456	1550921	17.37%	0.353%
389	15.703	15.673	15.720	HH	42995	1095263	12.27%	0.250%
390	15.745	15.720	15.758	HH	56849	1151443	12.90%	0.262%
391	15.766	15.758	15.810	HH	54557	1321791	14.81%	0.301%
392	15.830	15.810	15.856	HH	45907	1067839	11.96%	0.243%
393	15.861	15.856	15.863	HH	31849	135141	1.51%	0.031%
394	15.879	15.863	15.898	HH	35281	704759	7.89%	0.161%
395	15.918	15.898	15.964	HH	40809	1323703	14.83%	0.302%
396	15.987	15.964	16.013	HH	41271	1035783	11.60%	0.236%
397	16.026	16.013	16.045	HH	33803	641855	7.19%	0.146%
398	16.048	16.045	16.070	HH	32445	464841	5.21%	0.106%
399	16.074	16.070	16.082	HH	31055	213072	2.39%	0.049%
400	16.097	16.082	16.115	HH	32311	623427	6.98%	0.142%
401	16.128	16.115	16.144	HH	32112	542799	6.08%	0.124%
402	16.164	16.144	16.168	HH	32578	465354	5.21%	0.106%
403	16.196	16.168	16.219	HH	42405	1107245	12.40%	0.252%
404	16.237	16.219	16.262	HH	49078	1025735	11.49%	0.234%

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405	16.287	16.262	16.324	HH	41283	1386126	15.53%	0.316%
406	16.349	16.324	16.373	HH	41094	1102548	12.47%	0.316%
407	16.398	16.373	16.424	HH	44577	1192918	13.41%	0.316%
408	16.443	16.424	16.461	HH	51580	999127	11.11%	0.316%
409	16.492	16.461	16.509	HH	188140	3179375	35.41%	0.316%
410	16.518	16.509	16.557	HH	100796	1781215	19.03%	0.316%
411	16.560	16.557	16.567	HH	35372	204882	2.30%	0.047%
412	16.577	16.567	16.589	HH	35573	462292	5.18%	0.105%
413	16.624	16.589	16.646	HH	57469	1482037	16.60%	0.338%
414	16.650	16.646	16.668	HH	37752	482890	5.41%	0.110%
415	16.680	16.668	16.705	HH	37055	806169	9.03%	0.184%
416	16.714	16.705	16.727	HH	34825	447757	5.02%	0.102%
417	16.747	16.727	16.755	HH	37258	597283	6.69%	0.136%
418	16.776	16.755	16.789	HH	40786	791082	8.86%	0.180%
419	16.816	16.789	16.846	HH	136424	2585157	28.96%	0.589%
420	16.876	16.846	16.919	HH	163743	3306562	37.04%	0.753%
421	16.931	16.919	16.952	HH	43635	831333	9.31%	0.189%
422	16.977	16.952	17.003	HH	65494	1559912	17.47%	0.355%
423	17.021	17.003	17.058	HH	48956	1459722	16.35%	0.333%
424	17.120	17.058	17.160	HH	51639	2783452	31.18%	0.634%
425	17.180	17.160	17.203	HH	45699	1116655	12.51%	0.254%
426	17.237	17.203	17.243	HH	52066	1112669	12.46%	0.254%
427	17.246	17.243	17.250	HH	51345	225444	2.53%	0.051%
428	17.261	17.250	17.308	HH	53295	1649144	18.47%	0.376%
429	17.345	17.308	17.350	HH	46492	1099977	12.32%	0.251%
430	17.400	17.350	17.424	HH	59254	2288927	25.64%	0.522%
431	17.435	17.424	17.441	HH	46897	484586	5.43%	0.110%
432	17.443	17.441	17.448	HH	46252	187625	2.10%	0.043%
433	17.470	17.448	17.491	HH	53227	1288015	14.43%	0.293%
434	17.496	17.491	17.518	HH	49766	794048	8.90%	0.181%
435	17.543	17.518	17.560	HH	53833	1274635	14.28%	0.290%
436	17.580	17.560	17.624	HH	52293	1842189	20.64%	0.420%
437	17.644	17.624	17.650	HH	45817	689933	7.73%	0.157%
438	17.668	17.650	17.677	HH	48314	760544	8.52%	0.173%
439	17.693	17.677	17.715	HH	49487	1074985	12.04%	0.245%
440	17.727	17.715	17.732	HH	47161	471079	5.28%	0.107%
441	17.738	17.732	17.772	HH	47330	1104577	12.37%	0.252%
442	17.828	17.772	17.856	HH	57043	2591970	29.04%	0.591%
443	17.878	17.856	17.914	HH	59505	1863105	20.87%	0.425%
444	17.926	17.914	17.937	HH	50132	680630	7.62%	0.155%
445	17.964	17.937	17.989	HH	65961	1817624	20.36%	0.414%
446	18.001	17.989	18.015	HH	58394	907183	10.16%	0.207%
447	18.037	18.015	18.090	HH	68242	2717266	30.44%	0.619%
448	18.106	18.090	18.119	HH	54907	908672	10.18%	0.207%
449	18.166	18.119	18.190	HH	81728	2774404	31.08%	0.632%
450	18.202	18.190	18.232	HH	61979	1477960	16.56%	0.337%
451	18.263	18.232	18.286	HH	126493	2772280	31.06%	0.632%
452	18.297	18.286	18.325	HH	73705	1596209	17.88%	0.364%
453	18.342	18.325	18.371	HH	67972	1771905	19.85%	0.404%
454	18.393	18.371	18.407	HH	83314	1546774	17.33%	0.352%
455	18.425	18.407	18.443	HH	79848	1562786	17.51%	0.356%
456	18.451	18.443	18.492	HH	69294	1900152	21.29%	0.433%

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457	18.520	18.492	18.578	HH	127683	3980797	44.59%	0.907%
458	18.659	18.578	18.719	HH	74290	5494041	61.59%	0.907%
459	18.781	18.719	18.804	HH	66216	3241899	36.59%	0.907%
460	18.833	18.804	18.857	HH	71672	2161922	24.59%	0.907%
461	18.869	18.857	18.887	HH	67869	1210578	13.59%	0.907%
462	18.904	18.887	18.929	HH	67606	1664547	18.59%	0.907%
463	18.954	18.929	18.977	HH	77532	2090975	23.42%	0.476%
464	18.987	18.977	18.992	HH	69619	613782	6.88%	0.140%
465	18.996	18.992	18.999	HH	69120	286254	3.21%	0.065%
466	19.001	18.999	19.015	HH	69441	675488	7.57%	0.154%
467	19.040	19.015	19.059	HH	77302	1923047	21.54%	0.438%
468	19.074	19.059	19.086	HH	73339	1133060	12.69%	0.258%
469	19.100	19.086	19.124	HH	75931	1685963	18.89%	0.384%
470	19.131	19.124	19.136	HH	71008	517734	5.80%	0.118%
471	19.151	19.136	19.162	HH	70723	1083394	12.14%	0.247%
472	19.176	19.162	19.180	HH	71484	763645	8.55%	0.174%
473	19.211	19.180	19.237	HH	85127	2632276	29.49%	0.600%
474	19.241	19.237	19.273	HH	73977	1566878	17.55%	0.357%
475	19.280	19.273	19.297	HH	73098	1042434	11.68%	0.238%
476	19.305	19.297	19.310	HH	72478	575386	6.45%	0.131%
477	19.325	19.310	19.356	HH	72970	1984087	22.23%	0.452%
478	19.365	19.356	19.393	HH	74546	1618458	18.13%	0.369%
479	19.398	19.393	19.409	HH	73414	676427	7.58%	0.154%
480	19.457	19.409	19.477	HH	79793	3103611	34.77%	0.707%
481	19.489	19.477	19.495	HH	79148	847147	9.49%	0.193%
482	19.502	19.495	19.515	HH	79035	945036	10.59%	0.215%
483	19.519	19.515	19.527	HH	78556	556567	6.23%	0.127%
484	19.542	19.527	19.560	HH	79405	1512934	16.95%	0.345%
485	19.578	19.560	19.582	HH	80649	1028754	11.52%	0.234%
486	19.590	19.582	19.602	HH	81434	980266	10.98%	0.223%
487	19.606	19.602	19.627	HH	81663	1190365	13.33%	0.271%
488	19.688	19.627	19.726	HH	107344	5416391	60.68%	1.234%
489	19.759	19.726	19.785	HH	114813	3538177	39.64%	0.806%
490	19.819	19.785	19.840	HH	96509	3056106	34.24%	0.696%
491	19.849	19.840	19.884	HH	95375	2447836	27.42%	0.558%
492	19.894	19.884	19.912	HH	90520	1476136	16.54%	0.336%
493	19.914	19.912	19.922	HH	87883	534801	5.99%	0.122%
494	19.931	19.922	19.937	HH	86722	760316	8.52%	0.173%
495	19.978	19.937	20.028	HH	94914	4908370	54.98%	1.118%
496	20.073	20.028	20.116	HH	126150	5398272	60.47%	1.230%
497	20.142	20.116	20.158	HH	100509	2508751	28.10%	0.572%
498	20.207	20.158	20.238	HH	104128	4843671	54.26%	1.104%
499	20.247	20.238	20.263	HH	99833	1464222	16.40%	0.334%
500	20.284	20.263	20.292	HH	101307	1715067	19.21%	0.391%
501	20.296	20.292	20.334	HH	100448	2519974	28.23%	0.574%
502	20.342	20.334	20.349	HH	99512	913448	10.23%	0.208%
503	20.366	20.349	20.399	HH	101312	2965189	33.22%	0.676%
504	20.415	20.399	20.442	HH	101843	2607640	29.21%	0.594%
505	20.448	20.442	20.456	HH	99904	773252	8.66%	0.176%
506	20.462	20.456	20.472	HH	99573	987694	11.06%	0.225%
507	20.476	20.472	20.480	HH	98220	476779	5.34%	0.109%
508	20.488	20.480	20.496	HH	99926	903092	10.12%	0.206%
509	20.502	20.496	20.507	HH	100982	670538	7.51%	0.153%

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rteres									
510	20.567	20.507	20.574	HH	110358	4231441	47.40%	0.964%	
511	20.579	20.574	20.614	HH	109115	2569224			
512	20.619	20.614	20.623	HH	105713	609702			
513	20.630	20.623	20.638	HH	106559	905079			
514	20.678	20.638	20.690	HH	108998	3365639			
515	20.700	20.690	20.706	HH	109412	1033448			
516	20.721	20.706	20.729	HH	110192	1471062	16.48%	0.335%	
517	20.737	20.729	20.774	HH	109980	2882900	32.29%	0.657%	
518	20.778	20.774	20.808	HH	102693	2083936	23.34%	0.475%	
519	20.813	20.808	20.819	HH	101759	676924	7.58%	0.154%	
520	20.823	20.819	20.844	HH	101268	1505123	16.86%	0.343%	
521	20.855	20.844	20.865	HH	99647	1252332	14.03%	0.285%	
522	20.872	20.865	20.886	HH	97887	1158581	12.98%	0.264%	
523	20.890	20.886	20.904	HH	95374	1035094	11.60%	0.236%	
524	20.917	20.904	20.949	HH	97602	2600185	29.13%	0.592%	
525	20.957	20.949	21.006	HH	98322	3338310	37.40%	0.761%	
526	21.013	21.006	21.019	HH	96339	737889	8.27%	0.168%	
527	21.023	21.019	21.034	HH	94923	806971	9.04%	0.184%	
528	21.041	21.034	21.055	HH	93974	1213924	13.60%	0.277%	
529	21.059	21.055	21.073	HH	94162	976259	10.94%	0.222%	
530	21.078	21.073	21.086	HH	93932	701024	7.85%	0.160%	
531	21.094	21.086	21.105	HH	93137	1099055	12.31%	0.250%	
532	21.122	21.105	21.129	HH	94539	1289329	14.44%	0.294%	
533	21.137	21.129	21.141	HH	94499	730458	8.18%	0.166%	
534	21.146	21.141	21.197	HH	95249	3037011	34.02%	0.692%	
535	21.211	21.197	21.215	HH	90975	972817	10.90%	0.222%	
536	21.225	21.215	21.294	HH	92756	4248331	47.59%	0.968%	
537	21.303	21.294	21.334	HH	89394	2099341	23.52%	0.478%	
538	21.358	21.334	21.364	HH	89962	1602506	17.95%	0.365%	
539	21.368	21.364	21.376	HH	89858	647587	7.25%	0.148%	
540	21.385	21.376	21.390	HH	89299	779169	8.73%	0.178%	
541	21.394	21.390	21.400	HH	89213	529812	5.94%	0.121%	
542	21.404	21.400	21.415	HH	89498	777409	8.71%	0.177%	
543	21.419	21.415	21.423	HH	89932	409043	4.58%	0.093%	
544	21.451	21.423	21.480	HH	91982	3111355	34.85%	0.709%	
545	21.486	21.480	21.489	HH	88438	436778	4.89%	0.100%	
546	21.564	21.489	21.575	HH	95815	4774380	53.48%	1.088%	
547	21.580	21.575	21.625	HH	96308	2726716	30.55%	0.621%	
548	21.640	21.625	21.659	HH	89763	1814451	20.33%	0.413%	
549	21.664	21.659	21.671	HH	87466	639092	7.16%	0.146%	
550	21.676	21.671	21.705	HH	85751	1706746	19.12%	0.389%	
551	21.725	21.705	21.753	HH	85983	2449570	27.44%	0.558%	
552	21.764	21.753	21.770	HH	85540	896963	10.05%	0.204%	
553	21.776	21.770	21.790	HH	86821	993099	11.12%	0.226%	
554	21.799	21.790	21.807	HH	86055	892282	10.00%	0.203%	
555	21.810	21.807	21.822	HH	85783	763483	8.55%	0.174%	
556	21.825	21.822	21.831	HH	84579	451394	5.06%	0.103%	
557	21.836	21.831	21.842	HH	84499	548140	6.14%	0.125%	
558	21.847	21.842	21.860	HH	84508	933248	10.45%	0.213%	
559	21.882	21.860	21.894	HH	87482	1706421	19.12%	0.389%	
560	21.903	21.894	21.912	HH	86272	945693	10.59%	0.215%	
561	21.921	21.912	21.936	HH	84365	1215734	13.62%	0.277%	

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