

rteres

Instrument :

FID_G

ClientSampleId :

LSP-SS-05-08-13

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG10292
 Data File : FG011067.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2022 13:41
 Sample : N5234-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/31/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102722.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.613	1.598	1.633	BV	5034	88592	0.05%	0.001%
2	1.657	1.633	1.673	VV	4605	100469	0.05%	0.001%
3	1.699	1.673	1.737	VV	5803	178936	0.09%	0.002%
4	1.763	1.737	1.793	VV	4606	134907	0.07%	0.001%
5	1.811	1.793	1.883	VV	3515	165972	0.09%	0.002%
6	1.910	1.883	1.916	VV	2771	53988	0.03%	0.001%
7	1.924	1.916	1.983	VV	7335	167580	0.09%	0.002%
8	2.010	1.983	2.041	VV	5169	113387	0.06%	0.001%
9	2.107	2.041	2.111	VV	19290	509343	0.27%	0.005%
10	2.134	2.111	2.158	VV	21489	548694	0.29%	0.006%
11	2.164	2.158	2.244	VV	18789	847354	0.44%	0.009%
12	2.248	2.244	2.262	VV	14719	161205	0.08%	0.002%
13	2.269	2.262	2.274	VV	14132	102553	0.05%	0.001%
14	2.297	2.274	2.385	VV	14824	877196	0.46%	0.009%
15	2.417	2.385	2.449	VV	13854	479702	0.25%	0.005%
16	2.452	2.449	2.466	VV	11700	117849	0.06%	0.001%
17	2.479	2.466	2.507	VV	11425	263188	0.14%	0.003%
18	2.527	2.507	2.578	VV	11241	449520	0.23%	0.005%
19	2.630	2.578	2.718	VV	28821	1230616	0.64%	0.013%
20	2.722	2.718	2.732	VV	10054	89636	0.05%	0.001%
21	2.755	2.732	2.775	VV	10781	259759	0.14%	0.003%
22	2.782	2.775	2.825	VV	9324	258124	0.13%	0.003%
23	2.859	2.825	2.864	VV	10064	212657	0.11%	0.002%
24	2.874	2.864	2.885	VV	9989	123883	0.06%	0.001%
25	2.897	2.885	2.911	VV	10220	155676	0.08%	0.002%
26	2.932	2.911	2.951	VV	10878	252114	0.13%	0.003%
27	2.990	2.951	3.023	VV	11762	460492	0.24%	0.005%
28	3.027	3.023	3.032	VV	9591	47551	0.02%	0.000%
29	3.039	3.032	3.079	VV	9993	267891	0.14%	0.003%
30	3.096	3.079	3.104	VV	9692	141148	0.07%	0.001%
31	3.118	3.104	3.136	VV	10033	181946	0.09%	0.002%
32	3.149	3.136	3.165	VV	9499	164251	0.09%	0.002%
33	3.172	3.165	3.177	VV	9102	65530	0.03%	0.001%
34	3.202	3.177	3.212	VV	9866	200172	0.10%	0.002%
35	3.217	3.212	3.250	VV	9764	208835	0.11%	0.002%
36	3.255	3.250	3.270	VV	8816	105791	0.06%	0.001%

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37	3.292	3.270	3.309	VV	10607	226593	0.12%	0.002%
38	3.315	3.309	3.336	VV	9579	146427		
39	3.374	3.336	3.408	VV	9487	383428		
40	3.434	3.408	3.490	VV	11892	485541		
41	3.517	3.490	3.541	VV	10043	266717		
42	3.545	3.541	3.549	VV	7454	35777		
43	3.568	3.549	3.587	VV	7801	168960	0.09%	0.002%
44	3.609	3.587	3.648	VV	8586	249971	0.13%	0.003%
45	3.672	3.648	3.699	VV	7320	201321	0.10%	0.002%
46	3.704	3.699	3.714	VV	6193	53322	0.03%	0.001%
47	3.729	3.714	3.756	VV	6632	158627	0.08%	0.002%
48	3.784	3.756	3.804	VV	7425	191861	0.10%	0.002%
49	3.823	3.804	3.862	VV	8387	252665	0.13%	0.003%
50	3.875	3.862	3.916	VV	6790	197994	0.10%	0.002%
51	3.942	3.916	3.970	VV	21746	419119	0.22%	0.004%
52	3.985	3.970	4.043	VV	12183	385013	0.20%	0.004%
53	4.048	4.043	4.100	VV	6370	184915	0.10%	0.002%
54	4.128	4.100	4.153	VV	5263	153435	0.08%	0.002%
55	4.182	4.153	4.208	VV	4771	139668	0.07%	0.001%
56	4.216	4.208	4.222	VV	3730	32489	0.02%	0.000%
57	4.248	4.222	4.263	VV	5771	111438	0.06%	0.001%
58	4.275	4.263	4.293	VV	4671	71764	0.04%	0.001%
59	4.318	4.293	4.340	VV	4510	113908	0.06%	0.001%
60	4.361	4.340	4.367	VV	3781	58638	0.03%	0.001%
61	4.423	4.367	4.438	VV	16755	473014	0.25%	0.005%
62	4.468	4.438	4.516	VV	32765	928742	0.48%	0.010%
63	4.530	4.516	4.576	VV	14273	443230	0.23%	0.005%
64	4.598	4.576	4.614	VV	10792	239682	0.12%	0.002%
65	4.630	4.614	4.653	VV	10960	242607	0.13%	0.003%
66	4.669	4.653	4.695	VV	11922	266247	0.14%	0.003%
67	4.712	4.695	4.727	VV	9556	177905	0.09%	0.002%
68	4.745	4.727	4.791	VV	11985	343849	0.18%	0.004%
69	4.825	4.791	4.848	VV	7083	225667	0.12%	0.002%
70	4.858	4.848	4.871	VV	5807	75626	0.04%	0.001%
71	4.901	4.871	4.917	VV	7310	180664	0.09%	0.002%
72	4.926	4.917	4.940	VV	6530	85393	0.04%	0.001%
73	4.959	4.940	4.976	VV	6195	125664	0.07%	0.001%
74	5.006	4.976	5.054	VV	8663	306900	0.16%	0.003%
75	5.075	5.054	5.097	VV	5432	126056	0.07%	0.001%
76	5.133	5.097	5.175	VV	9599	282187	0.15%	0.003%
77	5.195	5.175	5.216	VV	6921	150049	0.08%	0.002%
78	5.234	5.216	5.252	VV	7719	139262	0.07%	0.001%
79	5.265	5.252	5.284	VV	6224	110339	0.06%	0.001%
80	5.289	5.284	5.299	VV	5512	46732	0.02%	0.000%
81	5.321	5.299	5.342	VV	8356	173112	0.09%	0.002%
82	5.346	5.342	5.360	VV	6021	62543	0.03%	0.001%
83	5.392	5.360	5.406	VV	12956	251495	0.13%	0.003%
84	5.417	5.406	5.475	VV	10805	246220	0.13%	0.003%
85	5.484	5.475	5.487	VV	2416	17636	0.01%	0.000%
86	5.505	5.487	5.539	VV	3634	89948	0.05%	0.001%
87	5.559	5.539	5.590	VV	6167	115858	0.06%	0.001%
88	5.617	5.590	5.636	VV	10982	197033	0.10%	0.002%
89	5.669	5.636	5.682	VV	12116	280747	0.15%	0.003%

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90	5.695	5.682	5.720	VV	14148	264418	0.14%	0.003%
91	5.723	5.720	5.744	VV	9758	124997		
92	5.752	5.744	5.793	VV	7216	182103		
93	5.808	5.793	5.845	VV	5313	139840		
94	5.870	5.845	5.890	VV	4708	110394		
95	5.905	5.890	5.930	VV	5548	113486		
96	5.950	5.930	5.985	VV	18895	297844	0.16%	0.003%
97	5.997	5.985	6.023	VV	4488	92233	0.05%	0.001%
98	6.045	6.023	6.082	VV	14126	290608	0.15%	0.003%
99	6.095	6.082	6.116	VV	6406	112860	0.06%	0.001%
100	6.137	6.116	6.147	VV	6074	102208	0.05%	0.001%
101	6.163	6.147	6.176	VV	7040	108255	0.06%	0.001%
102	6.189	6.176	6.211	VV	6204	114308	0.06%	0.001%
103	6.230	6.211	6.251	VV	4928	109205	0.06%	0.001%
104	6.263	6.251	6.283	VV	4673	75400	0.04%	0.001%
105	6.309	6.283	6.326	VV	4189	95773	0.05%	0.001%
106	6.342	6.326	6.355	VV	5547	74333	0.04%	0.001%
107	6.368	6.355	6.402	VV	5222	85814	0.04%	0.001%
108	6.435	6.402	6.439	VV	5551	66890	0.03%	0.001%
109	6.444	6.439	6.471	VV	5629	58628	0.03%	0.001%
110	6.490	6.471	6.504	VV	3879	47090	0.02%	0.000%
111	6.515	6.504	6.526	VV	2777	32335	0.02%	0.000%
112	6.540	6.526	6.546	VV	2998	31525	0.02%	0.000%
113	6.557	6.546	6.568	VV	3800	41580	0.02%	0.000%
114	6.585	6.568	6.641	VV	6255	130451	0.07%	0.001%
115	6.674	6.641	6.688	PV	1968	34540	0.02%	0.000%
116	6.702	6.688	6.713	VV	1949	20953	0.01%	0.000%
117	6.749	6.713	6.765	VV	5739	109841	0.06%	0.001%
118	6.774	6.765	6.790	VV	4414	49634	0.03%	0.001%
119	6.820	6.790	6.835	VV	5431	89618	0.05%	0.001%
120	6.846	6.835	6.858	VV	2520	29551	0.02%	0.000%
121	6.876	6.858	6.893	VV	5433	67366	0.04%	0.001%
122	6.913	6.893	6.929	VV	5075	60713	0.03%	0.001%
123	6.951	6.929	6.969	VV	7357	114304	0.06%	0.001%
124	6.983	6.969	6.996	VV	5828	79822	0.04%	0.001%
125	7.047	6.996	7.092	VV	86396	1449641	0.76%	0.015%
126	7.102	7.092	7.118	VV	12307	177309	0.09%	0.002%
127	7.149	7.118	7.163	VV	15118	320382	0.17%	0.003%
128	7.182	7.163	7.224	VV	114893	1393283	0.73%	0.014%
129	7.240	7.224	7.258	VV	6323	115035	0.06%	0.001%
130	7.265	7.258	7.287	VV	4772	62508	0.03%	0.001%
131	7.318	7.287	7.326	VV	3339	64969	0.03%	0.001%
132	7.339	7.326	7.350	VV	4239	52216	0.03%	0.001%
133	7.358	7.350	7.369	VV	4311	43028	0.02%	0.000%
134	7.382	7.369	7.408	VV	5701	87858	0.05%	0.001%
135	7.424	7.408	7.447	VV	4615	74869	0.04%	0.001%
136	7.455	7.447	7.482	VV	2153	36677	0.02%	0.000%
137	7.506	7.482	7.523	VV	3862	61505	0.03%	0.001%
138	7.543	7.523	7.576	VV	4016	74918	0.04%	0.001%
139	7.595	7.576	7.601	PV	2073	17891	0.01%	0.000%
140	7.617	7.601	7.627	VV	3253	40866	0.02%	0.000%
141	7.645	7.627	7.684	VV	12715	164856	0.09%	0.002%

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142	7.707	7.684	7.720	PV	3068	38753	0.02%	0.000%
143	7.733	7.720	7.752	VV	4115	49181		
144	7.795	7.752	7.813	VV	13909	223352		
145	7.843	7.813	7.861	VV	7495	151042		
146	7.893	7.861	7.914	VV	7083	128821		
147	7.949	7.914	7.967	VV	41134	690774		
148	7.973	7.967	7.992	VV	27757	317902	0.17%	0.003%
149	8.016	7.992	8.026	VV	14401	266208	0.14%	0.003%
150	8.046	8.026	8.053	VV	68740	707965	0.37%	0.007%
151	8.060	8.053	8.103	VV	69757	1017201	0.53%	0.011%
152	8.120	8.103	8.137	VV	19516	281595	0.15%	0.003%
153	8.165	8.137	8.181	VV	212174	2546358	1.33%	0.026%
154	8.193	8.181	8.214	VV	120029	1363162	0.71%	0.014%
155	8.226	8.214	8.248	VV	28281	450229	0.23%	0.005%
156	8.260	8.248	8.290	VV	19817	367350	0.19%	0.004%
157	8.318	8.290	8.325	VV	79629	893243	0.47%	0.009%
158	8.341	8.325	8.378	VV	88041	1737825	0.91%	0.018%
159	8.398	8.378	8.416	VV	68566	981931	0.51%	0.010%
160	8.440	8.416	8.475	VV	72918	1367024	0.71%	0.014%
161	8.495	8.475	8.547	VV	35877	1023938	0.53%	0.011%
162	8.589	8.547	8.594	VV	20242	441703	0.23%	0.005%
163	8.615	8.594	8.625	VV	57139	769211	0.40%	0.008%
164	8.644	8.625	8.678	VV	155434	2223513	1.16%	0.023%
165	8.698	8.678	8.723	VV	91849	1547725	0.81%	0.016%
166	8.734	8.723	8.741	VV	37599	395188	0.21%	0.004%
167	8.763	8.741	8.788	VV	111011	1885046	0.98%	0.020%
168	8.804	8.788	8.830	VV	44047	970005	0.51%	0.010%
169	8.844	8.830	8.851	VV	35950	421479	0.22%	0.004%
170	8.892	8.851	8.912	VV	124539	2463592	1.28%	0.026%
171	8.926	8.912	8.948	VV	68620	1101534	0.57%	0.011%
172	8.965	8.948	8.977	VV	62647	857200	0.45%	0.009%
173	9.005	8.977	9.046	VV	69561	2341028	1.22%	0.024%
174	9.064	9.046	9.082	VV	102303	1437291	0.75%	0.015%
175	9.105	9.082	9.146	VV	135885	2659692	1.39%	0.028%
176	9.168	9.146	9.189	VV	42473	1006271	0.52%	0.010%
177	9.221	9.189	9.238	VV	126994	2151420	1.12%	0.022%
178	9.253	9.238	9.271	VV	105286	1477245	0.77%	0.015%
179	9.281	9.271	9.292	VV	54104	649333	0.34%	0.007%
180	9.303	9.292	9.320	VV	55954	878256	0.46%	0.009%
181	9.359	9.320	9.390	VV	125359	3355345	1.75%	0.035%
182	9.398	9.390	9.411	VV	65990	823368	0.43%	0.009%
183	9.437	9.411	9.449	VV	225711	3180095	1.66%	0.033%
184	9.459	9.449	9.491	VV	165935	2730829	1.42%	0.028%
185	9.521	9.491	9.537	VV	142331	2793687	1.46%	0.029%
186	9.554	9.537	9.571	VV	120206	2163665	1.13%	0.022%
187	9.588	9.571	9.610	VV	178774	2971158	1.55%	0.031%
188	9.647	9.610	9.669	VV	154768	3895057	2.03%	0.040%
189	9.684	9.669	9.696	VV	88723	1363596	0.71%	0.014%
190	9.704	9.696	9.714	VV	85150	928893	0.48%	0.010%
191	9.722	9.714	9.740	VV	87864	1341041	0.70%	0.014%
192	9.764	9.740	9.801	VV	122132	3665572	1.91%	0.038%
193	9.818	9.801	9.835	VV	115210	2128739	1.11%	0.022%
194	9.867	9.835	9.880	VV	129118	3205307	1.67%	0.033%

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195	9.886	9.880	9.909	VV	126810	2024445	1.05%	0.021%
196	9.922	9.909	9.938	VV	107765	1774269		
197	9.961	9.938	9.989	VV	118709	3267063		
198	10.000	9.989	10.009	VV	101955	1209318		
199	10.032	10.009	10.080	VV	139735	4852656		
200	10.105	10.080	10.124	VV	119287	2961206		
201	10.150	10.124	10.154	VV	117815	2040777	1.06%	0.021%
202	10.192	10.154	10.210	VV	145739	4398430	2.29%	0.046%
203	10.270	10.210	10.285	VV	165333	6678042	3.48%	0.069%
204	10.324	10.285	10.347	VV	281901	7796393	4.06%	0.081%
205	10.366	10.347	10.387	VV	251310	4970371	2.59%	0.051%
206	10.397	10.387	10.418	VV	190854	3424099	1.78%	0.035%
207	10.443	10.418	10.481	VV	260408	8055745	4.20%	0.083%
208	10.502	10.481	10.527	VV	256877	6181762	3.22%	0.064%
209	10.536	10.527	10.555	VV	214818	3486137	1.82%	0.036%
210	10.578	10.555	10.595	VV	225031	5030295	2.62%	0.052%
211	10.620	10.595	10.630	VV	266740	4960273	2.58%	0.051%
212	10.649	10.630	10.675	VV	334102	7698255	4.01%	0.080%
213	10.692	10.675	10.711	VV	285152	5691746	2.96%	0.059%
214	10.726	10.711	10.738	VV	260102	4084744	2.13%	0.042%
215	10.757	10.738	10.774	VV	261529	5286555	2.75%	0.055%
216	10.798	10.774	10.811	VV	272212	5612981	2.92%	0.058%
217	10.817	10.811	10.822	VV	263711	1741857	0.91%	0.018%
218	10.858	10.822	10.898	VV	1502282	28751786	14.98%	0.298%
219	10.926	10.898	10.953	VV	676102	13850997	7.21%	0.143%
220	10.960	10.953	10.966	VV	306989	2281769	1.19%	0.024%
221	10.984	10.966	10.998	VV	320215	6040823	3.15%	0.063%
222	11.017	10.998	11.021	VV	330295	4248846	2.21%	0.044%
223	11.025	11.021	11.052	VV	333583	6058896	3.16%	0.063%
224	11.075	11.052	11.081	VV	325183	5469129	2.85%	0.057%
225	11.097	11.081	11.109	VV	338552	5591668	2.91%	0.058%
226	11.113	11.109	11.118	VV	340595	1748807	0.91%	0.018%
227	11.151	11.118	11.155	VV	397508	8202057	4.27%	0.085%
228	11.169	11.155	11.188	VV	417531	7908177	4.12%	0.082%
229	11.201	11.188	11.211	VV	398331	5290873	2.76%	0.055%
230	11.251	11.211	11.259	VV	414249	11449445	5.96%	0.119%
231	11.266	11.259	11.278	VV	413229	4584681	2.39%	0.047%
232	11.282	11.278	11.304	VV	406065	6198642	3.23%	0.064%
233	11.333	11.304	11.337	VV	425373	7914273	4.12%	0.082%
234	11.379	11.337	11.407	VV	629807	21416949	11.16%	0.222%
235	11.428	11.407	11.451	VV	501743	12502951	6.51%	0.129%
236	11.470	11.451	11.486	VV	486005	10058361	5.24%	0.104%
237	11.510	11.486	11.536	VV	572892	14958036	7.79%	0.155%
238	11.557	11.536	11.570	VV	521142	10259786	5.34%	0.106%
239	11.617	11.570	11.631	VV	538054	18418296	9.59%	0.191%
240	11.667	11.631	11.681	VV	959741	21500205	11.20%	0.223%
241	11.699	11.681	11.725	VV	1104366	21380494	11.14%	0.221%
242	11.728	11.725	11.744	VV	588327	6462860	3.37%	0.067%
243	11.777	11.744	11.795	VV	925083	23072930	12.02%	0.239%
244	11.817	11.795	11.831	VV	1022759	18540472	9.66%	0.192%
245	11.850	11.831	11.893	VV	1155093	29840698	15.54%	0.309%
246	11.923	11.893	11.941	VV	739549	19200674	10.00%	0.199%

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rteres									
247	11.947	11.941	11.950	VV	654894	3551734	1.85%	0.037%	
248	11.989	11.950	12.013	VV	712371	26037718	13.85%	0.037%	
249	12.039	12.013	12.080	VV	813572	30029252	15.34%	0.037%	
250	12.085	12.080	12.097	VV	745298	7649859	3.03%	0.037%	
251	12.102	12.097	12.110	VV	731151	5804223	3.03%	0.037%	
252	12.142	12.110	12.164	VV	937836	26627970	13.85%	0.037%	
253	12.169	12.164	12.174	VV	787631	4587288	2.39%	0.048%	
254	12.208	12.174	12.223	VV	893957	24113113	12.56%	0.250%	
255	12.244	12.223	12.267	VV	855503	21769003	11.34%	0.225%	
256	12.300	12.267	12.312	VV	884672	22502827	11.72%	0.233%	
257	12.327	12.312	12.341	VV	911287	15916579	8.29%	0.165%	
258	12.351	12.341	12.367	VV	913762	13873976	7.23%	0.144%	
259	12.391	12.367	12.418	VV	969733	28466938	14.83%	0.295%	
260	12.423	12.418	12.451	VV	922814	17597288	9.17%	0.182%	
261	12.474	12.451	12.480	VV	991534	16768555	8.73%	0.174%	
262	12.485	12.480	12.510	VV	979978	16431106	8.56%	0.170%	
263	12.540	12.510	12.562	VV	1022012	29821525	15.53%	0.309%	
264	12.587	12.562	12.604	VV	1283889	29683881	15.46%	0.307%	
265	12.618	12.604	12.636	VV	1084027	20478166	10.67%	0.212%	
266	12.659	12.636	12.673	VV	1149845	24038961	12.52%	0.249%	
267	12.707	12.673	12.735	VV	2009099	52905484	27.56%	0.548%	
268	12.739	12.735	12.763	VV	1103954	17432524	9.08%	0.181%	
269	12.784	12.763	12.818	VV	1065646	34671977	18.06%	0.359%	
270	12.838	12.818	12.844	VV	1081851	16860918	8.78%	0.175%	
271	12.873	12.844	12.914	VV	1176562	47127880	24.55%	0.488%	
272	12.936	12.914	12.948	VV	1243413	23892830	12.45%	0.247%	
273	12.952	12.948	12.966	VV	1184783	12741383	6.64%	0.132%	
274	13.016	12.966	13.045	VV	2503230	78026372	40.64%	0.808%	
275	13.061	13.045	13.079	VV	1300039	24912062	12.98%	0.258%	
276	13.098	13.079	13.123	VV	1232207	32324756	16.84%	0.335%	
277	13.175	13.123	13.207	VV	1439150	65736830	34.24%	0.681%	
278	13.220	13.207	13.244	VV	1324116	28899206	15.05%	0.299%	
279	13.299	13.244	13.311	VV	1428046	54267145	28.27%	0.562%	
280	13.316	13.311	13.321	VV	1375082	8470911	4.41%	0.088%	
281	13.347	13.321	13.367	VV	1440269	38152288	19.87%	0.395%	
282	13.421	13.367	13.448	VV	1519871	70179602	36.56%	0.727%	
283	13.477	13.448	13.498	VV	1649262	46655862	24.30%	0.483%	
284	13.520	13.498	13.544	VV	1617398	43142277	22.47%	0.447%	
285	13.608	13.544	13.640	VV	1902566	97663659	50.87%	1.012%	
286	13.644	13.640	13.654	VV	1609386	13289589	6.92%	0.138%	
287	13.672	13.654	13.686	VV	1638699	30507742	15.89%	0.316%	
288	13.714	13.686	13.732	VV	1760283	46676391	24.31%	0.483%	
289	13.758	13.732	13.779	VV	1911547	51203703	26.67%	0.530%	
290	13.791	13.779	13.817	VV	1860612	40536690	21.11%	0.420%	
291	13.822	13.817	13.829	VV	1736398	13129899	6.84%	0.136%	
292	13.854	13.829	13.863	VV	1905828	36801607	19.17%	0.381%	
293	13.896	13.863	13.917	VV	2039554	63336787	32.99%	0.656%	
294	13.938	13.917	13.972	VV	2058883	62560375	32.59%	0.648%	
295	14.013	13.972	14.039	VV	1922329	75933161	39.55%	0.786%	
296	14.055	14.039	14.059	VV	1941881	22777408	11.86%	0.236%	
297	14.078	14.059	14.091	VV	1996502	37166771	19.36%	0.385%	
298	14.098	14.091	14.102	VV	1977019	12994620	6.77%	0.135%	
299	14.124	14.102	14.151	VV	2090424	59648947	31.07%	0.618%	

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300	14.155	14.151	14.169	VV	1990880	21624655	11.26%	0.224%
301	14.188	14.169	14.192	VV	2044061	26896166		
302	14.197	14.192	14.204	VV	2021285	15093230		
303	14.208	14.204	14.230	VV	2037865	30963610		
304	14.237	14.230	14.241	VV	2032128	13760069		
305	14.247	14.241	14.257	VV	2044049	18647309		
306	14.275	14.257	14.295	VV	2141153	47750794	24.87%	0.495%
307	14.334	14.295	14.348	VV	2176109	68233888	35.54%	0.707%
308	14.368	14.348	14.414	VV	2333727	86386243	45.00%	0.895%
309	14.446	14.414	14.451	VV	2213201	47530518	24.76%	0.492%
310	14.456	14.451	14.466	VV	2202246	20401425	10.63%	0.211%
311	14.475	14.466	14.480	VV	2203497	17250266	8.99%	0.179%
312	14.498	14.480	14.505	VV	2262697	34123420	17.77%	0.353%
313	14.509	14.505	14.513	VV	2230285	10792129	5.62%	0.112%
314	14.539	14.513	14.568	VV	2419006	76471098	39.83%	0.792%
315	14.572	14.568	14.576	VV	2373970	11816427	6.15%	0.122%
316	14.598	14.576	14.603	VV	2551686	39429323	20.54%	0.408%
317	14.609	14.603	14.641	VV	2536223	55557618	28.94%	0.575%
318	14.653	14.641	14.662	VV	2315673	28584985	14.89%	0.296%
319	14.689	14.662	14.708	VV	2529812	67764980	35.30%	0.702%
320	14.712	14.708	14.733	VV	2406695	33931567	17.67%	0.351%
321	14.773	14.733	14.779	VV	2414328	65970558	34.36%	0.683%
322	14.784	14.779	14.789	VV	2398800	14271963	7.43%	0.148%
323	14.805	14.789	14.823	VV	2452166	49179467	25.62%	0.509%
324	14.829	14.823	14.838	VV	2341070	20863717	10.87%	0.216%
325	14.847	14.838	14.852	VV	2349604	18683900	9.73%	0.194%
326	14.856	14.852	14.862	VV	2370200	14765391	7.69%	0.153%
327	14.867	14.862	14.890	VV	2361496	38596682	20.10%	0.400%
328	14.902	14.890	14.906	VV	2452899	24215743	12.61%	0.251%
329	14.932	14.906	14.960	VV	2827100	85811440	44.70%	0.889%
330	14.984	14.960	15.019	VV	3004002	96330923	50.18%	0.998%
331	15.027	15.019	15.048	VV	2517662	43972636	22.90%	0.455%
332	15.055	15.048	15.061	VV	2508673	18575214	9.68%	0.192%
333	15.067	15.061	15.074	VV	2478369	19380426	10.09%	0.201%
334	15.116	15.074	15.128	VV	2635960	83220872	43.35%	0.862%
335	15.144	15.128	15.195	VV	2696511	101788177	53.02%	1.054%
336	15.201	15.195	15.214	VV	2462806	28180139	14.68%	0.292%
337	15.257	15.214	15.264	VV	2560243	74429538	38.77%	0.771%
338	15.270	15.264	15.276	VV	2567973	17639483	9.19%	0.183%
339	15.285	15.276	15.302	VV	2551462	39085119	20.36%	0.405%
340	15.306	15.302	15.328	VV	2558177	40126394	20.90%	0.416%
341	15.334	15.328	15.339	VV	2469261	15352479	8.00%	0.159%
342	15.345	15.339	15.351	VV	2457800	17750147	9.25%	0.184%
343	15.358	15.351	15.363	VV	2474967	17655849	9.20%	0.183%
344	15.387	15.363	15.393	VV	2515200	44889921	23.38%	0.465%
345	15.408	15.393	15.417	VV	2586570	36090271	18.80%	0.374%
346	15.432	15.417	15.437	VV	2627968	30435594	15.85%	0.315%
347	15.442	15.437	15.453	VV	2604613	24573040	12.80%	0.255%
348	15.457	15.453	15.481	VV	2569579	43864754	22.85%	0.454%
349	15.486	15.481	15.490	VV	2514339	13269325	6.91%	0.137%
350	15.502	15.490	15.513	VV	2577754	33881499	17.65%	0.351%
351	15.525	15.513	15.542	VV	2534947	44352640	23.10%	0.459%

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rteres									
352	15.557	15.542	15.567	VV	2623305	38558125	20.08%	0.399%	
353	15.574	15.567	15.593	VV	2650260	40886680	21.11%	0.400%	
354	15.636	15.593	15.716	VV	2786040	191982129	100.00%	0.401%	
355	15.732	15.716	15.740	VV	2614907	37053772	19.85%	0.402%	
356	15.745	15.740	15.750	VV	2609205	15583374	8.83%	0.403%	
357	15.756	15.750	15.762	VV	2622928	19027912	9.92%	0.404%	
358	15.778	15.762	15.815	VV	2701011	83762370	43.63%	0.868%	
359	15.856	15.815	15.899	VV	2756463	133825898	69.71%	1.386%	
360	15.907	15.899	15.929	VV	2586558	45788646	23.85%	0.474%	
361	15.943	15.929	15.952	VV	2585292	34224281	17.83%	0.354%	
362	15.971	15.952	15.977	VV	2557362	38385194	19.99%	0.398%	
363	15.982	15.977	15.988	VV	2560406	16945796	8.83%	0.176%	
364	15.997	15.988	16.002	VV	2532528	20960325	10.92%	0.217%	
365	16.020	16.002	16.027	VV	2599957	38695068	20.16%	0.401%	
366	16.032	16.027	16.036	VV	2614768	14265400	7.43%	0.148%	
367	16.044	16.036	16.060	VV	2629887	36719695	19.13%	0.380%	
368	16.077	16.060	16.093	VV	2624529	51678762	26.92%	0.535%	
369	16.098	16.093	16.109	VV	2604529	24762412	12.90%	0.256%	
370	16.113	16.109	16.127	VV	2571022	26479074	13.79%	0.274%	
371	16.131	16.127	16.137	VV	2479545	14848030	7.73%	0.154%	
372	16.144	16.137	16.149	VV	2485482	17631004	9.18%	0.183%	
373	16.153	16.149	16.170	VV	2500542	31978163	16.66%	0.331%	
374	16.176	16.170	16.181	VV	2495917	16134535	8.40%	0.167%	
375	16.219	16.181	16.255	VV	2792131	115935110	60.39%	1.201%	
376	16.260	16.255	16.268	VV	2554844	20824340	10.85%	0.216%	
377	16.272	16.268	16.276	VV	2563755	11552632	6.02%	0.120%	
378	16.316	16.276	16.334	VV	2693929	90642925	47.21%	0.939%	
379	16.361	16.334	16.374	VV	2766945	64020982	33.35%	0.663%	
380	16.377	16.374	16.388	VV	2784645	24038657	12.52%	0.249%	
381	16.392	16.388	16.408	VV	2697345	30412344	15.84%	0.315%	
382	16.412	16.408	16.430	VV	2616780	33776104	17.59%	0.350%	
383	16.447	16.430	16.452	VV	2554552	34457833	17.95%	0.357%	
384	16.481	16.452	16.497	VV	2620203	69054559	35.97%	0.715%	
385	16.532	16.497	16.544	VV	2934011	78594649	40.94%	0.814%	
386	16.551	16.544	16.602	VV	2920442	92285885	48.07%	0.956%	
387	16.631	16.602	16.635	VV	2690910	50761530	26.44%	0.526%	
388	16.640	16.635	16.645	VV	2712116	16253341	8.47%	0.168%	
389	16.664	16.645	16.702	VV	2729984	91258279	47.53%	0.945%	
390	16.710	16.702	16.715	VV	2602688	20602889	10.73%	0.213%	
391	16.739	16.715	16.749	VV	2637744	52950416	27.58%	0.548%	
392	16.765	16.749	16.782	VV	2627864	50849464	26.49%	0.527%	
393	16.785	16.782	16.816	VV	2595326	52231917	27.21%	0.541%	
394	16.855	16.816	16.893	VV	2904594	126161726	65.72%	1.307%	
395	16.931	16.893	16.947	VV	2927209	88442702	46.07%	0.916%	
396	16.951	16.947	16.958	VV	2679920	17638941	9.19%	0.183%	
397	16.967	16.958	16.984	VV	2646776	40842231	21.27%	0.423%	
398	17.010	16.984	17.053	VV	2883518	111554278	58.11%	1.155%	
399	17.066	17.053	17.079	VV	2607089	39564643	20.61%	0.410%	
400	17.084	17.079	17.090	VV	2557058	16641680	8.67%	0.172%	
401	17.094	17.090	17.115	VV	2587363	37296458	19.43%	0.386%	
402	17.121	17.115	17.133	VV	2525511	27648905	14.40%	0.286%	
403	17.138	17.133	17.150	VV	2494661	24814163	12.93%	0.257%	
404	17.165	17.150	17.171	VV	2635527	31938918	16.64%	0.331%	

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405	17.180	17.171	17.184	VV	2657772	20326348	10.59%	0.211%
406	17.205	17.184	17.213	VV	2868176	47701134		
407	17.219	17.213	17.225	VV	2851341	21026737		
408	17.230	17.225	17.260	VV	2825286	55005763		
409	17.264	17.260	17.268	VV	2478396	12077453		
410	17.303	17.268	17.307	VV	2667641	58585625		
411	17.313	17.307	17.342	VV	2698215	55000669	28.65%	0.570%
412	17.351	17.342	17.356	VV	2458033	19830083	10.33%	0.205%
413	17.383	17.356	17.388	VV	2530138	47726793	24.86%	0.494%
414	17.395	17.388	17.401	VV	2528949	20013021	10.42%	0.207%
415	17.405	17.401	17.431	VV	2490476	42350609	22.06%	0.439%
416	17.459	17.431	17.491	VV	2413458	85680142	44.63%	0.887%
417	17.512	17.491	17.523	VV	2420777	44100362	22.97%	0.457%
418	17.544	17.523	17.565	VV	2502789	61181987	31.87%	0.634%
419	17.569	17.565	17.606	VV	2419410	57476454	29.94%	0.595%
420	17.609	17.606	17.617	VV	2269764	14603368	7.61%	0.151%
421	17.625	17.617	17.643	VV	2262425	35557211	18.52%	0.368%
422	17.648	17.643	17.666	VV	2187008	29200362	15.21%	0.302%
423	17.676	17.666	17.687	VV	2150558	25982129	13.53%	0.269%
424	17.700	17.687	17.708	VV	2201902	27498310	14.32%	0.285%
425	17.713	17.708	17.748	VV	2202167	50904346	26.52%	0.527%
426	17.775	17.748	17.798	VV	2176133	63341242	32.99%	0.656%
427	17.819	17.798	17.822	VV	2112938	29759715	15.50%	0.308%
428	17.828	17.822	17.833	VV	2124723	12932971	6.74%	0.134%
429	17.852	17.833	17.880	VV	2149551	60423510	31.47%	0.626%
430	17.883	17.880	17.902	VV	2056930	25761250	13.42%	0.267%
431	17.911	17.902	17.934	VV	1967182	37109647	19.33%	0.384%
432	17.940	17.934	17.944	VV	1916418	11532961	6.01%	0.119%
433	17.949	17.944	17.956	VV	1912569	13143502	6.85%	0.136%
434	18.011	17.956	18.092	VV	2258269	165169062	86.03%	1.711%
435	18.098	18.092	18.113	VV	1819290	22672486	11.81%	0.235%
436	18.118	18.113	18.132	VV	1785943	19215585	10.01%	0.199%
437	18.155	18.132	18.174	VV	1849716	45379783	23.64%	0.470%
438	18.184	18.174	18.188	VV	1824065	15079753	7.85%	0.156%
439	18.204	18.188	18.216	VV	1864259	30453077	15.86%	0.315%
440	18.220	18.216	18.276	VV	1816525	61962393	32.28%	0.642%
441	18.289	18.276	18.293	VV	1752234	18023880	9.39%	0.187%
442	18.297	18.293	18.311	VV	1750000	18264454	9.51%	0.189%
443	18.314	18.311	18.328	VV	1694771	17506008	9.12%	0.181%
444	18.331	18.328	18.336	VV	1657848	7165462	3.73%	0.074%
445	18.372	18.336	18.403	VV	1969334	70807917	36.88%	0.733%
446	18.408	18.403	18.416	VV	1597435	11823047	6.16%	0.122%
447	18.420	18.416	18.430	VV	1585969	13393404	6.98%	0.139%
448	18.440	18.430	18.468	VV	1583761	35130232	18.30%	0.364%
449	18.474	18.468	18.489	VV	1501292	18646581	9.71%	0.193%
450	18.497	18.489	18.503	VV	1448600	11797645	6.15%	0.122%
451	18.507	18.503	18.512	VV	1454868	7714542	4.02%	0.080%
452	18.545	18.512	18.608	VV	1660109	86746148	45.18%	0.898%
453	18.613	18.608	18.620	VV	1355724	10178994	5.30%	0.105%
454	18.632	18.620	18.643	VV	1361707	18147211	9.45%	0.188%
455	18.664	18.643	18.695	VV	1379350	42067815	21.91%	0.436%
456	18.708	18.695	18.736	VV	1283715	30576948	15.93%	0.317%

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				rters				
457	18.747	18.736	18.763	VV	1254848	20634142	10.75%	0.214%
458	18.784	18.763	18.804	VV	1392930	31789667	16.43%	0.327%
459	18.830	18.804	18.858	VV	1326922	40571645	10.99%	0.218%
460	18.863	18.858	18.887	VV	1210699	20839747	6.74%	0.134%
461	18.892	18.887	18.897	VV	1185956	6490079	9.64%	0.192%
462	18.901	18.897	18.926	VV	1179733	20195654	15.34%	0.305%
463	18.951	18.926	18.971	VV	1240167	31538769	14.69%	0.292%
464	18.980	18.971	19.002	VV	1160127	21095008	5.14%	0.102%
465	19.007	19.002	19.022	VV	1109706	12933742	11.51%	0.229%
466	19.037	19.022	19.050	VV	1133079	18499881	9.64%	0.192%
467	19.081	19.050	19.095	VV	1129013	29446537	15.34%	0.305%
468	19.106	19.095	19.139	VV	1162126	28194043	14.69%	0.292%
469	19.150	19.139	19.156	VV	1014760	9871534	5.14%	0.102%
470	19.165	19.156	19.192	VV	1033606	22103081	11.51%	0.229%
471	19.199	19.192	19.224	VV	1010545	18598991	9.69%	0.193%
472	19.245	19.224	19.250	VV	966527	15088257	7.86%	0.156%
473	19.255	19.250	19.259	VV	982636	5025526	2.62%	0.052%
474	19.270	19.259	19.311	VV	998073	29145108	15.18%	0.302%
475	19.316	19.311	19.327	VV	892835	8738483	4.55%	0.091%
476	19.338	19.327	19.353	VV	888869	13320191	6.94%	0.138%
477	19.357	19.353	19.386	VV	882024	17008342	8.86%	0.176%
478	19.402	19.386	19.425	VV	850637	19805656	10.32%	0.205%
479	19.431	19.425	19.441	VV	842809	7652057	3.99%	0.079%
480	19.479	19.441	19.531	VV	960571	47043731	24.50%	0.487%
481	19.535	19.531	19.554	VV	775591	10702976	5.57%	0.111%
482	19.572	19.554	19.603	VV	801120	22326150	11.63%	0.231%
483	19.607	19.603	19.612	VV	732471	3867710	2.01%	0.040%
484	19.621	19.612	19.625	VV	740368	5708541	2.97%	0.059%
485	19.632	19.625	19.636	VV	760653	5220648	2.72%	0.054%
486	19.656	19.636	19.700	VV	798298	28729984	14.96%	0.298%
487	19.729	19.700	19.760	VV	789270	26794152	13.96%	0.278%
488	19.767	19.760	19.772	VV	697214	5196185	2.71%	0.054%
489	19.782	19.772	19.804	VV	729278	13161932	6.86%	0.136%
490	19.812	19.804	19.821	VV	680659	7005619	3.65%	0.073%
491	19.828	19.821	19.834	VV	678039	5239568	2.73%	0.054%
492	19.859	19.834	19.920	VV	755997	34600219	18.02%	0.358%
493	19.936	19.920	19.946	VV	618565	9378644	4.89%	0.097%
494	19.953	19.946	19.957	VV	613498	4266547	2.22%	0.044%
495	19.962	19.957	20.006	VV	613840	17113416	8.91%	0.177%
496	20.033	20.006	20.069	VV	622018	21897191	11.41%	0.227%
497	20.085	20.069	20.107	VV	566243	12336834	6.43%	0.128%
498	20.125	20.107	20.141	VV	548691	10963412	5.71%	0.114%
499	20.146	20.141	20.170	VV	538236	9185318	4.78%	0.095%
500	20.174	20.170	20.198	VV	510129	8355847	4.35%	0.087%
501	20.212	20.198	20.220	VV	510289	6385569	3.33%	0.066%
502	20.223	20.220	20.228	VV	501802	2329105	1.21%	0.024%
503	20.238	20.228	20.260	VV	507110	9317473	4.85%	0.097%
504	20.264	20.260	20.285	VV	469816	7022865	3.66%	0.073%
505	20.289	20.285	20.313	VV	463115	7572729	3.94%	0.078%
506	20.319	20.313	20.340	VV	447711	6961646	3.63%	0.072%
507	20.354	20.340	20.392	VV	450425	13573757	7.07%	0.141%
508	20.397	20.392	20.417	VV	413189	5813227	3.03%	0.060%
509	20.429	20.417	20.437	VV	399887	4885814	2.54%	0.051%

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					rters			
510	20.449	20.437	20.470	VV	406469	7322597	3.81%	0.076%
511	20.476	20.470	20.491	VV	369367	4551308		
512	20.505	20.491	20.522	VV	368228	6719422		
513	20.529	20.522	20.560	VV	346392	7464300		
514	20.568	20.560	20.589	VV	334483	5607957		
515	20.596	20.589	20.612	VV	314063	4221950		
516	20.616	20.612	20.621	VV	315251	1713922	0.89%	0.018%
517	20.627	20.621	20.632	VV	316187	2186538	1.14%	0.023%
518	20.637	20.632	20.642	VV	320193	1745413	0.91%	0.018%
519	20.650	20.642	20.656	VV	319508	2739609	1.43%	0.028%
520	20.660	20.656	20.670	VV	310839	2484794	1.29%	0.026%
521	20.676	20.670	20.690	VV	305608	3544761	1.85%	0.037%
522	20.693	20.690	20.710	VV	299952	3434291	1.79%	0.036%
523	20.727	20.710	20.738	VV	287280	4802733	2.50%	0.050%
524	20.748	20.738	20.808	VV	298615	10858911	5.66%	0.112%
525	20.827	20.808	20.848	VV	231069	5323701	2.77%	0.055%
526	20.856	20.848	20.867	VV	218112	2437482	1.27%	0.025%
527	20.871	20.867	20.902	VV	205684	4018274	2.09%	0.042%
528	20.906	20.902	20.919	VV	188998	1957076	1.02%	0.020%
529	20.921	20.919	20.933	VV	185854	1475532	0.77%	0.015%
530	20.939	20.933	20.942	VV	179935	1022284	0.53%	0.011%
531	20.951	20.942	20.981	VV	180696	3989019	2.08%	0.041%
532	20.991	20.981	21.007	VV	158110	2467212	1.29%	0.026%
533	21.012	21.007	21.031	VV	153359	2060372	1.07%	0.021%
534	21.036	21.031	21.045	VV	144610	1220097	0.64%	0.013%
535	21.049	21.045	21.067	VV	138401	1754431	0.91%	0.018%
536	21.075	21.067	21.122	VV	133612	4130343	2.15%	0.043%
537	21.126	21.122	21.159	VV	116422	2526727	1.32%	0.026%
538	21.175	21.159	21.214	VV	111064	3302892	1.72%	0.034%
539	21.224	21.214	21.237	VV	92581	1209838	0.63%	0.013%
540	21.247	21.237	21.258	VV	85568	1020652	0.53%	0.011%
541	21.268	21.258	21.289	VV	82195	1431559	0.75%	0.015%
542	21.294	21.289	21.319	VV	78950	1243817	0.65%	0.013%
543	21.325	21.319	21.329	VV	64524	387990	0.20%	0.004%
544	21.334	21.329	21.395	VV	67152	2465319	1.28%	0.026%
545	21.401	21.395	21.444	VV	56358	1433958	0.75%	0.015%
546	21.449	21.444	21.467	VV	42617	544348	0.28%	0.006%
547	21.471	21.467	21.508	VV	39483	876460	0.46%	0.009%
548	21.522	21.508	21.541	VV	33632	587277	0.31%	0.006%
549	21.545	21.541	21.557	VV	27596	257343	0.13%	0.003%
550	21.564	21.557	21.583	VV	24518	331594	0.17%	0.003%
551	21.590	21.583	21.628	VV	20650	440588	0.23%	0.005%
552	21.634	21.628	21.651	VV	16874	171928	0.09%	0.002%
553	21.654	21.651	21.689	VV	11830	198092	0.10%	0.002%
554	21.695	21.689	21.705	VV	8535	72575	0.04%	0.001%
555	21.705	21.705	21.738	VV	8496	70496	0.04%	0.001%
556	21.742	21.738	21.745	PV	1882	4225	0.00%	0.000%
Sum of corrected areas:					9654882053			

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