

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081823\
 Data File : FG012727.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2023 17:25
 Sample : 04046-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.627	1.600	1.643	BV	3170	37017	0.67%	0.020%
2	1.649	1.643	1.662	VV	1301	11808	0.21%	0.006%
3	1.677	1.662	1.718	VV	2034	35777	0.64%	0.020%
4	1.735	1.718	1.757	VV	933	17816	0.32%	0.010%
5	1.770	1.757	1.788	VV	764	13391	0.24%	0.007%
6	1.792	1.788	1.823	VV	658	12704	0.23%	0.007%
7	1.827	1.823	1.831	VV	604	2716	0.05%	0.001%
8	1.851	1.831	1.881	VV	1113	23931	0.43%	0.013%
9	1.891	1.881	1.898	VV	636	6365	0.11%	0.003%
10	1.912	1.898	1.944	VV	937	19229	0.35%	0.011%
11	1.952	1.944	1.956	VV	582	4117	0.07%	0.002%
12	1.970	1.956	1.981	VV	671	9136	0.16%	0.005%
13	1.985	1.981	2.010	VV	628	9571	0.17%	0.005%
14	2.020	2.010	2.042	VV	539	9478	0.17%	0.005%
15	2.045	2.042	2.051	VV	541	2663	0.05%	0.001%
16	2.056	2.051	2.060	VV	526	2910	0.05%	0.002%
17	2.065	2.060	2.067	VV	543	2165	0.04%	0.001%
18	2.082	2.067	2.138	VV	801	24156	0.44%	0.013%
19	2.149	2.138	2.154	VV	537	4596	0.08%	0.003%
20	2.158	2.154	2.177	VV	548	6377	0.11%	0.003%
21	2.197	2.177	2.219	VV	504	11310	0.20%	0.006%
22	2.225	2.219	2.232	VV	473	3213	0.06%	0.002%
23	2.236	2.232	2.243	VV	404	2679	0.05%	0.001%
24	2.256	2.243	2.264	VV	485	5601	0.10%	0.003%
25	2.268	2.264	2.273	VV	523	2550	0.05%	0.001%
26	2.285	2.273	2.337	VV	1028	24816	0.45%	0.014%
27	2.341	2.337	2.346	VV	433	2130	0.04%	0.001%
28	2.371	2.346	2.406	VV	1681	27746	0.50%	0.015%
29	2.425	2.406	2.470	VV	1366	27001	0.49%	0.015%
30	2.474	2.470	2.481	VV	346	2113	0.04%	0.001%
31	2.492	2.481	2.503	VV	397	4601	0.08%	0.003%
32	2.507	2.503	2.512	VV	359	1902	0.03%	0.001%
33	2.537	2.512	2.543	VV	417	6881	0.12%	0.004%
34	2.549	2.543	2.575	VV	450	7553	0.14%	0.004%
35	2.583	2.575	2.587	VV	390	2668	0.05%	0.001%
36	2.593	2.587	2.605	VV	365	3565	0.06%	0.002%

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37	2.610	2.605	2.621	VV	376	3282	0.06%	0.002%
38	2.651	2.621	2.678	VV	903	17486	0.32%	0.010%
39	2.687	2.678	2.728	VV	439	10380	0.19%	0.006%
40	2.764	2.728	2.813	VV	1320	33247	0.60%	0.018%
41	2.823	2.813	2.839	VV	463	6259	0.11%	0.003%
42	2.851	2.839	2.864	VV	494	6482	0.12%	0.004%
43	2.882	2.864	2.886	VV	502	5600	0.10%	0.003%
44	2.893	2.886	2.908	VV	519	6346	0.11%	0.003%
45	2.939	2.908	2.950	VV	676	13243	0.24%	0.007%
46	2.963	2.950	2.972	VV	685	8261	0.15%	0.005%
47	2.984	2.972	3.008	VV	691	12299	0.22%	0.007%
48	3.040	3.008	3.065	VV	1070	22513	0.41%	0.012%
49	3.081	3.065	3.105	VV	875	15552	0.28%	0.009%
50	3.110	3.105	3.113	VV	551	2615	0.05%	0.001%
51	3.120	3.113	3.153	VV	602	12337	0.22%	0.007%
52	3.156	3.153	3.160	VV	527	2018	0.04%	0.001%
53	3.165	3.160	3.170	VV	482	2683	0.05%	0.001%
54	3.208	3.170	3.245	VV	990	28380	0.51%	0.016%
55	3.248	3.245	3.265	VV	445	4501	0.08%	0.002%
56	3.270	3.265	3.277	VV	362	2415	0.04%	0.001%
57	3.281	3.277	3.287	VV	334	1748	0.03%	0.001%
58	3.297	3.287	3.303	VV	333	2992	0.05%	0.002%
59	3.308	3.303	3.311	VV	316	1258	0.02%	0.001%
60	3.317	3.311	3.323	VV	322	2165	0.04%	0.001%
61	3.344	3.323	3.363	VV	1490	19842	0.36%	0.011%
62	3.367	3.363	3.382	VV	482	5133	0.09%	0.003%
63	3.387	3.382	3.410	VV	420	6025	0.11%	0.003%
64	3.422	3.410	3.454	VV	679	12498	0.23%	0.007%
65	3.465	3.454	3.479	VV	502	6374	0.11%	0.003%
66	3.483	3.479	3.512	VV	385	6611	0.12%	0.004%
67	3.516	3.512	3.522	VV	339	1914	0.03%	0.001%
68	3.527	3.522	3.535	VV	411	2498	0.05%	0.001%
69	3.546	3.535	3.555	VV	344	3495	0.06%	0.002%
70	3.577	3.555	3.622	VV	375	12032	0.22%	0.007%
71	3.627	3.622	3.634	VV	299	1888	0.03%	0.001%
72	3.659	3.634	3.672	VV	405	7462	0.13%	0.004%
73	3.688	3.672	3.715	VV	478	10416	0.19%	0.006%
74	3.724	3.715	3.747	VV	372	6070	0.11%	0.003%
75	3.760	3.747	3.768	VV	283	3166	0.06%	0.002%
76	3.794	3.768	3.816	VV	668	11883	0.21%	0.007%
77	3.834	3.816	3.856	VV	594	9449	0.17%	0.005%
78	3.862	3.856	3.877	VV	284	3419	0.06%	0.002%
79	3.883	3.877	3.911	VV	342	5598	0.10%	0.003%
80	3.931	3.911	3.945	VV	1122	14019	0.25%	0.008%
81	3.956	3.945	3.976	VV	736	9055	0.16%	0.005%
82	3.985	3.976	3.992	VV	336	2751	0.05%	0.002%
83	3.997	3.992	4.010	VV	279	2568	0.05%	0.001%
84	4.030	4.010	4.048	VV	724	10475	0.19%	0.006%
85	4.052	4.048	4.092	VV	343	6661	0.12%	0.004%
86	4.137	4.092	4.157	VV	910	18247	0.33%	0.010%
87	4.175	4.157	4.226	VV	1377	24870	0.45%	0.014%
88	4.239	4.226	4.247	VV	467	5152	0.09%	0.003%
89	4.250	4.247	4.281	VV	441	6153	0.11%	0.003%

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90	4.323	4.281	4.352	VV	5493	67310	1.21%	0.037%
91	4.366	4.352	4.387	VV	893	13700	0.25%	0.008%
92	4.392	4.387	4.408	VV	346	3879	0.07%	0.002%
93	4.434	4.408	4.451	VV	437	8327	0.15%	0.005%
94	4.459	4.451	4.479	VV	339	4569	0.08%	0.003%
95	4.501	4.479	4.527	VV	398	8032	0.14%	0.004%
96	4.546	4.527	4.561	VV	391	6675	0.12%	0.004%
97	4.572	4.561	4.578	VV	462	3835	0.07%	0.002%
98	4.600	4.578	4.621	VV	3112	35445	0.64%	0.019%
99	4.639	4.621	4.663	VV	1109	14616	0.26%	0.008%
100	4.675	4.663	4.693	VV	492	6535	0.12%	0.004%
101	4.709	4.693	4.743	VV	410	8523	0.15%	0.005%
102	4.767	4.743	4.793	VV	1591	22509	0.41%	0.012%
103	4.830	4.793	4.849	VV	638	13119	0.24%	0.007%
104	4.864	4.849	4.871	VV	503	5466	0.10%	0.003%
105	4.885	4.871	4.902	VV	557	8835	0.16%	0.005%
106	4.918	4.902	4.931	VV	544	8717	0.16%	0.005%
107	4.969	4.931	4.980	VV	899	20310	0.37%	0.011%
108	4.987	4.980	4.999	VV	913	9881	0.18%	0.005%
109	5.018	4.999	5.045	VV	1590	26179	0.47%	0.014%
110	5.063	5.045	5.086	VV	797	13873	0.25%	0.008%
111	5.102	5.086	5.130	VV	665	11531	0.21%	0.006%
112	5.134	5.130	5.141	VV	277	1643	0.03%	0.001%
113	5.150	5.141	5.168	VV	311	3839	0.07%	0.002%
114	5.184	5.168	5.196	VV	354	4670	0.08%	0.003%
115	5.203	5.196	5.208	VV	320	1755	0.03%	0.001%
116	5.216	5.208	5.231	VV	285	3589	0.06%	0.002%
117	5.239	5.231	5.245	VV	288	1849	0.03%	0.001%
118	5.258	5.245	5.272	VV	244	3308	0.06%	0.002%
119	5.293	5.272	5.297	VV	534	5352	0.10%	0.003%
120	5.304	5.297	5.338	VV	626	10700	0.19%	0.006%
121	5.354	5.338	5.375	VV	452	6126	0.11%	0.003%
122	5.388	5.375	5.401	VV	678	6728	0.12%	0.004%
123	5.417	5.401	5.444	VV	572	7790	0.14%	0.004%
124	5.450	5.444	5.462	VV	140	1072	0.02%	0.001%
125	5.484	5.462	5.501	VV	142	2027	0.04%	0.001%
126	5.511	5.501	5.515	VV	118	719	0.01%	0.000%
127	5.545	5.515	5.565	VV	1070	13308	0.24%	0.007%
128	5.592	5.565	5.603	VV	362	5652	0.10%	0.003%
129	5.616	5.603	5.635	VV	574	6542	0.12%	0.004%
130	5.645	5.635	5.656	VV	117	1089	0.02%	0.001%
131	5.663	5.656	5.669	VV	110	691	0.01%	0.000%
132	5.680	5.669	5.699	VV	178	1950	0.04%	0.001%
133	5.704	5.699	5.711	VV	81	395	0.01%	0.000%
134	5.739	5.711	5.759	VV	3646	39630	0.71%	0.022%
135	5.770	5.759	5.783	VV	562	5922	0.11%	0.003%
136	5.797	5.783	5.817	VV	436	5474	0.10%	0.003%
137	5.843	5.817	5.899	VV	663	12363	0.22%	0.007%
138	5.930	5.899	5.953	VV	522	7662	0.14%	0.004%
139	5.969	5.953	5.973	VV	353	3111	0.06%	0.002%
140	5.977	5.973	5.998	VV	311	3269	0.06%	0.002%
141	6.007	5.998	6.022	VV	296	3403	0.06%	0.002%

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142	6.033	6.022	6.043	VV	610	6230	0.11%	0.003%
143	6.054	6.043	6.077	VV	640	8556	0.15%	0.005%
144	6.090	6.077	6.102	VV	415	4203	0.08%	0.002%
145	6.130	6.102	6.144	VV	792	8971	0.16%	0.005%
146	6.151	6.144	6.161	VV	200	1787	0.03%	0.001%
147	6.184	6.161	6.198	VV	423	5598	0.10%	0.003%
148	6.216	6.198	6.243	VV	344	5798	0.10%	0.003%
149	6.271	6.243	6.289	VV	700	10295	0.19%	0.006%
150	6.311	6.289	6.340	VV	10083	101928	1.84%	0.056%
151	6.359	6.340	6.381	VV	867	13635	0.25%	0.007%
152	6.389	6.381	6.399	VV	327	2761	0.05%	0.002%
153	6.415	6.399	6.441	VV	457	6445	0.12%	0.004%
154	6.464	6.441	6.475	VV	401	5966	0.11%	0.003%
155	6.487	6.475	6.529	VV	589	10646	0.19%	0.006%
156	6.542	6.529	6.555	VV	414	4195	0.08%	0.002%
157	6.566	6.555	6.576	VV	324	3420	0.06%	0.002%
158	6.610	6.576	6.637	VV	1666	23008	0.41%	0.013%
159	6.660	6.637	6.685	VV	490	9248	0.17%	0.005%
160	6.688	6.685	6.707	VV	372	3552	0.06%	0.002%
161	6.714	6.707	6.730	VV	244	2524	0.05%	0.001%
162	6.773	6.730	6.805	VV	4170	49259	0.89%	0.027%
163	6.817	6.805	6.834	VV	297	4044	0.07%	0.002%
164	6.854	6.834	6.873	VV	376	6250	0.11%	0.003%
165	6.887	6.873	6.895	VV	264	3024	0.05%	0.002%
166	6.900	6.895	6.910	VV	280	1919	0.03%	0.001%
167	6.928	6.910	6.953	VV	940	11313	0.20%	0.006%
168	6.975	6.953	6.993	VV	404	6150	0.11%	0.003%
169	6.997	6.993	7.019	VV	117	1024	0.02%	0.001%
170	7.034	7.019	7.043	PV	189	1883	0.03%	0.001%
171	7.058	7.043	7.078	VV	481	5954	0.11%	0.003%
172	7.097	7.078	7.132	VV	611	11542	0.21%	0.006%
173	7.142	7.132	7.159	VV	306	3604	0.06%	0.002%
174	7.182	7.159	7.205	VV	623	10206	0.18%	0.006%
175	7.211	7.205	7.224	VV	336	3243	0.06%	0.002%
176	7.250	7.224	7.272	VV	1421	21037	0.38%	0.012%
177	7.282	7.272	7.294	VV	624	7111	0.13%	0.004%
178	7.313	7.294	7.331	VV	816	12285	0.22%	0.007%
179	7.349	7.331	7.378	VV	755	11261	0.20%	0.006%
180	7.409	7.378	7.430	VV	10261	105842	1.91%	0.058%
181	7.446	7.430	7.482	VV	1668	24625	0.44%	0.013%
182	7.499	7.482	7.528	VV	1202	19152	0.35%	0.010%
183	7.548	7.528	7.574	VV	5635	58384	1.05%	0.032%
184	7.590	7.574	7.605	VV	780	9224	0.17%	0.005%
185	7.622	7.605	7.645	VV	535	7074	0.13%	0.004%
186	7.650	7.645	7.654	VV	115	519	0.01%	0.000%
187	7.670	7.654	7.690	VV	285	3823	0.07%	0.002%
188	7.723	7.690	7.764	VV	3963	51045	0.92%	0.028%
189	7.776	7.764	7.781	VV	387	3324	0.06%	0.002%
190	7.796	7.781	7.828	VV	455	8933	0.16%	0.005%
191	7.841	7.828	7.846	VV	342	2770	0.05%	0.002%
192	7.852	7.846	7.869	VV	333	3382	0.06%	0.002%
193	7.897	7.869	7.925	VV	435	8810	0.16%	0.005%
194	7.942	7.925	7.968	VV	613	8186	0.15%	0.004%

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195	7.975	7.968	7.996	VV	137	1453	0.03%	0.001%
196	8.016	7.996	8.033	PV	715	8813	0.16%	0.005%
197	8.062	8.033	8.083	VV	450	9410	0.17%	0.005%
198	8.096	8.083	8.114	VV	312	4341	0.08%	0.002%
199	8.150	8.114	8.173	VV	2938	42908	0.77%	0.024%
200	8.183	8.173	8.201	VV	988	12087	0.22%	0.007%
201	8.211	8.201	8.235	VV	500	7399	0.13%	0.004%
202	8.253	8.235	8.275	VV	690	9598	0.17%	0.005%
203	8.309	8.275	8.329	VV	2743	41721	0.75%	0.023%
204	8.343	8.329	8.369	VV	1137	22007	0.40%	0.012%
205	8.379	8.369	8.389	VV	835	8826	0.16%	0.005%
206	8.408	8.389	8.415	VV	4538	45070	0.81%	0.025%
207	8.422	8.415	8.445	VV	4732	49879	0.90%	0.027%
208	8.450	8.445	8.467	VV	811	7774	0.14%	0.004%
209	8.495	8.467	8.506	VV	1408	23261	0.42%	0.013%
210	8.528	8.506	8.543	VV	8158	94411	1.70%	0.052%
211	8.572	8.543	8.591	VV	8012	150454	2.71%	0.082%
212	8.605	8.591	8.638	VV	3924	55070	0.99%	0.030%
213	8.649	8.638	8.663	VV	671	8953	0.16%	0.005%
214	8.691	8.663	8.697	VV	3171	41981	0.76%	0.023%
215	8.713	8.697	8.742	VV	5404	77668	1.40%	0.043%
216	8.768	8.742	8.789	VV	1910	35496	0.64%	0.019%
217	8.805	8.789	8.822	VV	2069	23145	0.42%	0.013%
218	8.836	8.822	8.847	VV	888	10643	0.19%	0.006%
219	8.852	8.847	8.869	VV	846	9123	0.16%	0.005%
220	8.892	8.869	8.932	VV	1344	25791	0.46%	0.014%
221	8.964	8.932	8.984	VV	1686	27084	0.49%	0.015%
222	9.012	8.984	9.039	VV	29802	305900	5.51%	0.168%
223	9.061	9.039	9.097	VV	3435	68232	1.23%	0.037%
224	9.133	9.097	9.165	VV	2602	63355	1.14%	0.035%
225	9.177	9.165	9.191	VV	1157	13530	0.24%	0.007%
226	9.210	9.191	9.222	VV	1135	15989	0.29%	0.009%
227	9.257	9.222	9.273	VV	6723	93346	1.68%	0.051%
228	9.288	9.273	9.312	VV	10011	105619	1.90%	0.058%
229	9.330	9.312	9.341	VV	1892	23312	0.42%	0.013%
230	9.350	9.341	9.366	VV	1629	21649	0.39%	0.012%
231	9.382	9.366	9.397	VV	1783	24138	0.44%	0.013%
232	9.431	9.397	9.452	VV	5023	75120	1.35%	0.041%
233	9.468	9.452	9.512	VV	4562	57656	1.04%	0.032%
234	9.524	9.512	9.546	VV	587	7377	0.13%	0.004%
235	9.585	9.546	9.601	VV	4080	48007	0.87%	0.026%
236	9.616	9.601	9.640	VV	3903	41876	0.75%	0.023%
237	9.644	9.640	9.649	VV	369	1886	0.03%	0.001%
238	9.667	9.649	9.682	VV	968	11257	0.20%	0.006%
239	9.722	9.682	9.740	VV	4218	58519	1.05%	0.032%
240	9.757	9.740	9.781	VV	4259	52459	0.95%	0.029%
241	9.803	9.781	9.861	VV	22839	271381	4.89%	0.149%
242	9.885	9.861	9.902	VV	5142	65592	1.18%	0.036%
243	9.906	9.902	9.912	VV	1965	11909	0.21%	0.007%
244	9.926	9.912	9.938	VV	3647	40719	0.73%	0.022%
245	9.957	9.938	9.975	VV	8999	111737	2.01%	0.061%
246	9.985	9.975	9.998	VV	2390	25500	0.46%	0.014%

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247	10.017	9.998	10.054	VV	5385	78075	1.41%	0.043%
248	10.077	10.054	10.106	VV	1118	24999	0.45%	0.014%
249	10.129	10.106	10.169	VV	9071	135700	2.45%	0.074%
250	10.182	10.169	10.199	VV	1699	23442	0.42%	0.013%
251	10.228	10.199	10.274	VV	11646	190346	3.43%	0.104%
252	10.292	10.274	10.312	VV	2394	32241	0.58%	0.018%
253	10.327	10.312	10.352	VV	1734	22260	0.40%	0.012%
254	10.369	10.352	10.374	VV	374	3713	0.07%	0.002%
255	10.397	10.374	10.424	VV	1519	28539	0.51%	0.016%
256	10.429	10.424	10.462	VV	426	3326	0.06%	0.002%
257	10.475	10.462	10.478	PV	89	402	0.01%	0.000%
258	10.501	10.478	10.506	VV	611	6260	0.11%	0.003%
259	10.514	10.506	10.536	VV	652	9208	0.17%	0.005%
260	10.554	10.536	10.589	VV	2042	27378	0.49%	0.015%
261	10.609	10.589	10.625	VV	2258	27524	0.50%	0.015%
262	10.635	10.625	10.642	VV	952	9035	0.16%	0.005%
263	10.665	10.642	10.675	VV	4254	54680	0.99%	0.030%
264	10.692	10.675	10.716	VV	9378	122914	2.22%	0.067%
265	10.732	10.716	10.774	VV	5217	72384	1.30%	0.040%
266	10.810	10.774	10.845	VV	7357	137307	2.48%	0.075%
267	10.862	10.845	10.900	VV	7949	129566	2.34%	0.071%
268	10.909	10.900	10.925	VV	2147	24709	0.45%	0.014%
269	10.982	10.925	10.995	VV	8791	170295	3.07%	0.093%
270	11.015	10.995	11.034	VV	15544	228659	4.12%	0.125%
271	11.045	11.034	11.066	VV	6337	77662	1.40%	0.043%
272	11.085	11.066	11.097	VV	2651	41577	0.75%	0.023%
273	11.114	11.097	11.132	VV	5724	74251	1.34%	0.041%
274	11.144	11.132	11.166	VV	2280	35925	0.65%	0.020%
275	11.184	11.166	11.192	VV	5316	53889	0.97%	0.030%
276	11.219	11.192	11.262	VV	318212	3404834	61.38%	1.866%
277	11.290	11.262	11.332	VV	83520	913320	16.47%	0.501%
278	11.343	11.332	11.356	VV	1583	18683	0.34%	0.010%
279	11.367	11.356	11.375	VV	1304	12623	0.23%	0.007%
280	11.392	11.375	11.414	VV	2001	36244	0.65%	0.020%
281	11.428	11.414	11.443	VV	1498	22275	0.40%	0.012%
282	11.461	11.443	11.481	VV	3168	42889	0.77%	0.024%
283	11.503	11.481	11.547	VV	10161	147175	2.65%	0.081%
284	11.576	11.547	11.591	PV	1930	35343	0.64%	0.019%
285	11.615	11.591	11.636	VV	3251	68370	1.23%	0.037%
286	11.665	11.636	11.693	VV	4397	97390	1.76%	0.053%
287	11.755	11.693	11.787	VV	11590	270172	4.87%	0.148%
288	11.818	11.787	11.842	VV	5498	79605	1.44%	0.044%
289	11.871	11.842	11.892	VV	5297	79646	1.44%	0.044%
290	11.918	11.892	11.940	VV	5324	83841	1.51%	0.046%
291	11.951	11.940	11.955	VV	1372	11643	0.21%	0.006%
292	11.970	11.955	11.990	VV	2253	31354	0.57%	0.017%
293	12.023	11.990	12.037	VV	34067	388197	7.00%	0.213%
294	12.053	12.037	12.076	VV	47008	499743	9.01%	0.274%
295	12.084	12.076	12.096	VV	1232	11234	0.20%	0.006%
296	12.120	12.096	12.124	VV	23943	206232	3.72%	0.113%
297	12.138	12.124	12.155	VV	44596	512656	9.24%	0.281%
298	12.171	12.155	12.185	VV	22865	252605	4.55%	0.138%
299	12.202	12.185	12.229	VV	31992	389646	7.02%	0.214%

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300	12.243	12.229	12.254	VV	944	9868	0.18%	0.005%
301	12.279	12.254	12.303	VV	2897	47528	0.86%	0.026%
302	12.339	12.303	12.356	VV	4118	75207	1.36%	0.041%
303	12.377	12.356	12.400	VV	17845	212311	3.83%	0.116%
304	12.430	12.400	12.469	VV	5568	131208	2.37%	0.072%
305	12.493	12.469	12.515	VV	30915	345056	6.22%	0.189%
306	12.526	12.515	12.542	VV	2731	31596	0.57%	0.017%
307	12.552	12.542	12.560	VV	1823	17361	0.31%	0.010%
308	12.592	12.560	12.620	VV	99381	1236663	22.29%	0.678%
309	12.643	12.620	12.667	VV	6625	108513	1.96%	0.059%
310	12.676	12.667	12.690	VV	1603	17658	0.32%	0.010%
311	12.702	12.690	12.710	VV	1191	12147	0.22%	0.007%
312	12.747	12.710	12.762	VV	7298	117468	2.12%	0.064%
313	12.768	12.762	12.794	VV	4609	49415	0.89%	0.027%
314	12.815	12.794	12.855	VV	9501	167463	3.02%	0.092%
315	12.875	12.855	12.889	VV	12118	146096	2.63%	0.080%
316	12.893	12.889	12.908	VV	7299	63248	1.14%	0.035%
317	12.927	12.908	12.946	VV	20942	267298	4.82%	0.146%
318	12.966	12.946	12.970	VV	10017	118477	2.14%	0.065%
319	12.985	12.970	13.011	VV	11510	214135	3.86%	0.117%
320	13.050	13.011	13.085	VV	468857	5546901	100.00%	3.040%
321	13.105	13.085	13.125	VV	4980	59287	1.07%	0.032%
322	13.141	13.125	13.152	VV	2226	25889	0.47%	0.014%
323	13.209	13.152	13.215	VV	9984	188418	3.40%	0.103%
324	13.230	13.215	13.298	VV	17936	423466	7.63%	0.232%
325	13.304	13.298	13.317	VV	2316	20634	0.37%	0.011%
326	13.349	13.317	13.372	VV	425308	4801514	86.56%	2.631%
327	13.399	13.372	13.414	VV	46518	544167	9.81%	0.298%
328	13.430	13.414	13.459	VV	39499	515286	9.29%	0.282%
329	13.478	13.459	13.497	VV	3352	56827	1.02%	0.031%
330	13.515	13.497	13.527	VV	14287	158807	2.86%	0.087%
331	13.541	13.527	13.570	VV	18376	236935	4.27%	0.130%
332	13.608	13.570	13.631	PV	26607	351576	6.34%	0.193%
333	13.657	13.631	13.667	VV	8216	127186	2.29%	0.070%
334	13.682	13.667	13.702	VV	10079	146052	2.63%	0.080%
335	13.717	13.702	13.723	VV	4069	37963	0.68%	0.021%
336	13.739	13.723	13.757	VV	11628	144950	2.61%	0.079%
337	13.771	13.757	13.779	VV	3906	46690	0.84%	0.026%
338	13.819	13.779	13.864	VV	34665	725591	13.08%	0.398%
339	13.932	13.864	13.969	VV	55172	904374	16.30%	0.496%
340	14.000	13.969	14.015	VV	5633	85473	1.54%	0.047%
341	14.040	14.015	14.061	VV	33982	449831	8.11%	0.247%
342	14.080	14.061	14.101	VV	26320	316411	5.70%	0.173%
343	14.123	14.101	14.150	VV	9977	185245	3.34%	0.102%
344	14.190	14.150	14.194	VV	16814	263135	4.74%	0.144%
345	14.210	14.194	14.232	VV	25843	372203	6.71%	0.204%
346	14.251	14.232	14.289	VV	23038	310076	5.59%	0.170%
347	14.323	14.289	14.343	VV	8407	146277	2.64%	0.080%
348	14.357	14.343	14.388	VV	3795	76772	1.38%	0.042%
349	14.417	14.388	14.448	VV	3824	103041	1.86%	0.056%
350	14.463	14.448	14.481	VV	3400	45617	0.82%	0.025%
351	14.486	14.481	14.506	VV	955	9629	0.17%	0.005%

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352	14.516	14.506	14.521	PV	796	4990	0.09%	0.003%
353	14.526	14.521	14.533	VV	796	3976	0.07%	0.002%
354	14.540	14.533	14.547	VV	508	2190	0.04%	0.001%
355	14.575	14.547	14.590	PV	3311	38210	0.69%	0.021%
356	14.627	14.590	14.650	VV	10619	256391	4.62%	0.141%
357	14.668	14.650	14.703	VV	16666	243691	4.39%	0.134%
358	14.750	14.703	14.765	VV	8558	165165	2.98%	0.091%
359	14.773	14.765	14.803	VV	6783	104103	1.88%	0.057%
360	14.849	14.803	14.885	VV	20446	441422	7.96%	0.242%
361	14.913	14.885	14.935	VV	49808	657595	11.86%	0.360%
362	14.971	14.935	15.003	VV	23109	468084	8.44%	0.257%
363	15.037	15.003	15.053	VV	6000	105152	1.90%	0.058%
364	15.088	15.053	15.141	VV	109776	1630079	29.39%	0.893%
365	15.146	15.141	15.152	VV	1116	5906	0.11%	0.003%
366	15.176	15.152	15.195	VV	12401	149418	2.69%	0.082%
367	15.229	15.195	15.249	VV	183952	2296409	41.40%	1.259%
368	15.272	15.249	15.303	VV	173521	2065854	37.24%	1.132%
369	15.319	15.303	15.344	VV	4898	74627	1.35%	0.041%
370	15.390	15.344	15.412	VV	43573	589827	10.63%	0.323%
371	15.423	15.412	15.439	VV	6137	79521	1.43%	0.044%
372	15.464	15.439	15.499	VV	15761	231919	4.18%	0.127%
373	15.526	15.499	15.551	PV	13656	201021	3.62%	0.110%
374	15.567	15.551	15.574	VV	10725	116138	2.09%	0.064%
375	15.581	15.574	15.620	VV	10033	140224	2.53%	0.077%
376	15.669	15.620	15.695	VV	48923	670374	12.09%	0.367%
377	15.707	15.695	15.752	VV	6365	125732	2.27%	0.069%
378	15.756	15.752	15.761	VV	837	3704	0.07%	0.002%
379	15.771	15.761	15.775	VV	944	6931	0.12%	0.004%
380	15.815	15.775	15.835	VV	8767	143229	2.58%	0.078%
381	15.858	15.835	15.878	VV	9382	151760	2.74%	0.083%
382	15.900	15.878	15.921	VV	30430	404733	7.30%	0.222%
383	15.940	15.921	15.967	VV	15332	207296	3.74%	0.114%
384	15.984	15.967	16.002	VV	9136	115480	2.08%	0.063%
385	16.063	16.002	16.095	VV	22133	596127	10.75%	0.327%
386	16.108	16.095	16.111	VV	2560	17101	0.31%	0.009%
387	16.139	16.111	16.169	VV	10746	172063	3.10%	0.094%
388	16.183	16.169	16.202	VV	2644	32744	0.59%	0.018%
389	16.224	16.202	16.239	VV	7652	102949	1.86%	0.056%
390	16.256	16.239	16.279	VV	11531	144184	2.60%	0.079%
391	16.321	16.279	16.373	VV	11406	274606	4.95%	0.150%
392	16.385	16.373	16.394	VV	2243	20984	0.38%	0.012%
393	16.415	16.394	16.425	VV	2034	29633	0.53%	0.016%
394	16.430	16.425	16.434	VV	1776	8398	0.15%	0.005%
395	16.439	16.434	16.450	VV	1778	11997	0.22%	0.007%
396	16.456	16.450	16.462	VV	1117	4050	0.07%	0.002%
397	16.471	16.462	16.475	VV	427	2341	0.04%	0.001%
398	16.506	16.475	16.531	PV	7385	143117	2.58%	0.078%
399	16.541	16.531	16.552	VV	3672	33381	0.60%	0.018%
400	16.574	16.552	16.592	VV	10686	146636	2.64%	0.080%
401	16.614	16.592	16.644	VV	13258	274777	4.95%	0.151%
402	16.654	16.644	16.663	VV	6347	63041	1.14%	0.035%
403	16.694	16.663	16.703	VV	14844	264295	4.76%	0.145%
404	16.711	16.703	16.742	VV	13574	203304	3.67%	0.111%

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405	16.796	16.742	16.812	VV	187111	2740579	49.41%	1.502%
406	16.821	16.812	16.857	VV	82886	935755	16.87%	0.513%
407	16.890	16.857	16.896	VV	9613	186513	3.36%	0.102%
408	16.922	16.896	16.947	VV	47577	775022	13.97%	0.425%
409	16.960	16.947	16.990	VV	17126	357953	6.45%	0.196%
410	17.016	16.990	17.021	VV	12252	196095	3.54%	0.107%
411	17.043	17.021	17.057	VV	15324	281887	5.08%	0.154%
412	17.116	17.057	17.142	VV	119443	2135485	38.50%	1.170%
413	17.176	17.142	17.208	VV	174642	2447394	44.12%	1.341%
414	17.215	17.208	17.220	VV	11957	85173	1.54%	0.047%
415	17.241	17.220	17.251	VV	17685	279312	5.04%	0.153%
416	17.274	17.251	17.297	VV	64380	1010881	18.22%	0.554%
417	17.319	17.297	17.358	VV	34800	849499	15.31%	0.466%
418	17.417	17.358	17.441	VV	21113	892436	16.09%	0.489%
419	17.475	17.441	17.482	VV	21897	467935	8.44%	0.256%
420	17.490	17.482	17.503	VV	20832	252474	4.55%	0.138%
421	17.536	17.503	17.566	VV	33726	998664	18.00%	0.547%
422	17.570	17.566	17.576	VV	24657	144023	2.60%	0.079%
423	17.580	17.576	17.607	VV	23826	386750	6.97%	0.212%
424	17.633	17.607	17.646	VV	23544	478289	8.62%	0.262%
425	17.666	17.646	17.683	VV	28693	553423	9.98%	0.303%
426	17.700	17.683	17.738	VV	32180	903480	16.29%	0.495%
427	17.760	17.738	17.776	VV	31045	605655	10.92%	0.332%
428	17.790	17.776	17.812	VV	27881	557671	10.05%	0.306%
429	17.834	17.812	17.860	VV	39947	887291	16.00%	0.486%
430	17.867	17.860	17.887	VV	25300	408585	7.37%	0.224%
431	17.901	17.887	17.915	VV	25725	401595	7.24%	0.220%
432	17.933	17.915	17.950	VV	27346	538114	9.70%	0.295%
433	17.955	17.950	17.978	VV	25662	396592	7.15%	0.217%
434	18.000	17.978	18.007	VV	23620	372874	6.72%	0.204%
435	18.016	18.007	18.031	VV	25064	346842	6.25%	0.190%
436	18.065	18.031	18.087	VV	33472	919169	16.57%	0.504%
437	18.091	18.087	18.103	VV	27186	255771	4.61%	0.140%
438	18.143	18.103	18.148	VV	43096	928029	16.73%	0.509%
439	18.164	18.148	18.191	VV	49143	996328	17.96%	0.546%
440	18.196	18.191	18.200	VV	26874	139443	2.51%	0.076%
441	18.213	18.200	18.218	VV	26890	287296	5.18%	0.157%
442	18.242	18.218	18.250	VV	29392	511058	9.21%	0.280%
443	18.272	18.250	18.292	VV	33145	761885	13.74%	0.418%
444	18.315	18.292	18.324	VV	45939	766684	13.82%	0.420%
445	18.335	18.324	18.385	VV	46204	1382233	24.92%	0.758%
446	18.399	18.385	18.426	VV	33351	754302	13.60%	0.413%
447	18.457	18.426	18.475	VV	56725	1232975	22.23%	0.676%
448	18.482	18.475	18.498	VV	43064	584445	10.54%	0.320%
449	18.514	18.498	18.523	VV	50826	688714	12.42%	0.377%
450	18.552	18.523	18.574	VV	135599	2518810	45.41%	1.380%
451	18.586	18.574	18.618	VV	52091	1189767	21.45%	0.652%
452	18.631	18.618	18.655	VV	41665	823948	14.85%	0.452%
453	18.682	18.655	18.698	VV	69336	1322307	23.84%	0.725%
454	18.713	18.698	18.736	VV	56825	1088837	19.63%	0.597%
455	18.748	18.736	18.770	VV	38038	716341	12.91%	0.393%
456	18.809	18.770	18.832	VV	142989	2528648	45.59%	1.386%

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457	18.842	18.832	18.852	VV	35602	410049	7.39%	0.225%
458	18.867	18.852	18.873	VV	38825	442700	7.98%	0.243%
459	18.887	18.873	18.902	VV	44210	723561	13.04%	0.397%
460	18.936	18.902	18.962	VV	68216	1719160	30.99%	0.942%
461	18.988	18.962	19.023	VV	47920	1455508	26.24%	0.798%
462	19.027	19.023	19.032	VV	34728	199835	3.60%	0.110%
463	19.045	19.032	19.049	VV	36297	359587	6.48%	0.197%
464	19.057	19.049	19.068	VV	37891	415500	7.49%	0.228%
465	19.072	19.068	19.080	VV	38605	260421	4.69%	0.143%
466	19.109	19.080	19.136	VV	48273	1359954	24.52%	0.745%
467	19.159	19.136	19.174	VV	45583	938820	16.93%	0.515%
468	19.188	19.174	19.195	VV	39109	478239	8.62%	0.262%
469	19.198	19.195	19.209	VV	38206	307876	5.55%	0.169%
470	19.235	19.209	19.253	VV	46095	1105346	19.93%	0.606%
471	19.258	19.253	19.264	VV	41076	262502	4.73%	0.144%
472	19.278	19.264	19.299	VV	44882	890521	16.05%	0.488%
473	19.319	19.299	19.328	VV	46490	734988	13.25%	0.403%
474	19.347	19.328	19.367	VV	57202	1194675	21.54%	0.655%
475	19.406	19.367	19.427	VV	48375	1650677	29.76%	0.905%
476	19.445	19.427	19.466	VV	46803	1002765	18.08%	0.550%
477	19.485	19.466	19.493	VV	50201	760533	13.71%	0.417%
478	19.500	19.493	19.544	VV	49162	1378011	24.84%	0.755%
479	19.554	19.544	19.564	VV	41774	494266	8.91%	0.271%
480	19.601	19.564	19.634	VV	47578	1828904	32.97%	1.002%
481	19.645	19.634	19.651	VV	45356	448337	8.08%	0.246%
482	19.666	19.651	19.674	VV	46936	629331	11.35%	0.345%
483	19.680	19.674	19.687	VV	45418	328419	5.92%	0.180%
484	19.692	19.687	19.705	VV	45231	466487	8.41%	0.256%
485	19.712	19.705	19.721	VV	45687	418981	7.55%	0.230%
486	19.726	19.721	19.731	VV	44770	283331	5.11%	0.155%
487	19.741	19.731	19.746	VV	45499	388943	7.01%	0.213%
488	19.788	19.746	19.804	VV	50246	1645379	29.66%	0.902%
489	19.822	19.804	19.837	VV	53528	977483	17.62%	0.536%
490	19.856	19.837	19.871	VV	51679	1035709	18.67%	0.568%
491	19.900	19.871	19.929	VV	59285	1841122	33.19%	1.009%
492	19.966	19.929	19.995	VV	91441	2659289	47.94%	1.457%
493	20.035	19.995	20.063	VV	87905	2786879	50.24%	1.527%
494	20.085	20.063	20.096	VV	64687	1173562	21.16%	0.643%
495	20.103	20.096	20.108	VV	61391	451483	8.14%	0.247%
496	20.130	20.108	20.140	VV	67087	1221035	22.01%	0.669%
497	20.159	20.140	20.181	VV	65389	1487710	26.82%	0.815%
498	20.194	20.181	20.208	VV	58538	917544	16.54%	0.503%
499	20.220	20.208	20.226	VV	59457	651174	11.74%	0.357%
500	20.256	20.226	20.286	VV	65169	2152478	38.81%	1.180%
501	20.305	20.286	20.309	VV	63623	835188	15.06%	0.458%
502	20.349	20.309	20.375	VV	105003	3259295	58.76%	1.786%
503	20.412	20.375	20.430	VV	84343	2346852	42.31%	1.286%
504	20.438	20.430	20.463	VV	73007	1318484	23.77%	0.723%
505	20.492	20.463	20.512	VV	75946	2020195	36.42%	1.107%
506	20.524	20.512	20.545	VV	68543	1299339	23.42%	0.712%
507	20.555	20.545	20.559	VV	63552	536532	9.67%	0.294%
508	20.565	20.559	20.570	VV	65623	414079	7.47%	0.227%
509	20.575	20.570	20.583	VV	64876	494002	8.91%	0.271%

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510	20.624	20.583	20.638	VV	70202	2206123	39.77%	1.209%
511	20.644	20.638	20.658	VV	66487	778161	14.03%	0.426%
512	20.695	20.658	20.715	VV	73888	2369597	42.72%	1.299%
513	20.720	20.715	20.727	VV	65135	446371	8.05%	0.245%
514	20.734	20.727	20.744	VV	67801	666765	12.02%	0.365%
515	20.748	20.744	20.756	VV	63477	450471	8.12%	0.247%
516	20.765	20.756	20.771	VV	66461	583934	10.53%	0.320%
517	20.777	20.771	20.786	VV	63822	556666	10.04%	0.305%
518	20.792	20.786	20.797	VV	60655	387673	6.99%	0.212%
519	20.805	20.797	20.816	VV	59725	670163	12.08%	0.367%
520	20.823	20.816	20.832	VV	58582	550141	9.92%	0.301%
521	20.839	20.832	20.848	VV	57064	501625	9.04%	0.275%
522	20.851	20.848	20.862	VV	55302	458407	8.26%	0.251%
523	20.869	20.862	20.873	VV	54065	354209	6.39%	0.194%
524	20.885	20.873	20.915	VV	60297	1427277	25.73%	0.782%
525	20.929	20.915	20.934	VV	56614	623468	11.24%	0.342%
526	20.946	20.934	20.968	VV	58372	1135212	20.47%	0.622%
527	20.973	20.968	20.979	VV	52907	341523	6.16%	0.187%
528	21.003	20.979	21.029	VV	56868	1629625	29.38%	0.893%
529	21.034	21.029	21.039	VV	52636	301689	5.44%	0.165%
530	21.049	21.039	21.076	VV	54201	1150129	20.73%	0.630%
531	21.080	21.076	21.087	VV	49984	323117	5.83%	0.177%
532	21.092	21.087	21.106	VV	50504	548435	9.89%	0.301%
533	21.125	21.106	21.131	VV	48444	697768	12.58%	0.382%
534	21.137	21.131	21.147	VV	46676	452637	8.16%	0.248%
535	21.156	21.147	21.165	VV	48690	490447	8.84%	0.269%
536	21.192	21.165	21.201	VV	47766	991024	17.87%	0.543%
537	21.207	21.201	21.216	VV	47000	414753	7.48%	0.227%
538	21.222	21.216	21.233	VV	47793	490536	8.84%	0.269%
539	21.239	21.233	21.248	VV	48108	405711	7.31%	0.222%
540	21.254	21.248	21.259	VV	46212	299479	5.40%	0.164%
541	21.279	21.259	21.309	VV	48593	1365372	24.62%	0.748%
542	21.316	21.309	21.336	VV	43747	649115	11.70%	0.356%
543	21.350	21.336	21.355	VV	39767	429443	7.74%	0.235%
544	21.362	21.355	21.376	VV	39889	487195	8.78%	0.267%
545	21.383	21.376	21.387	VV	40039	274962	4.96%	0.151%
546	21.392	21.387	21.418	VV	39637	661266	11.92%	0.362%
547	21.424	21.418	21.430	VV	33594	245167	4.42%	0.134%
548	21.435	21.430	21.449	VV	33332	365003	6.58%	0.200%
549	21.453	21.449	21.458	VV	30964	158530	2.86%	0.087%
550	21.472	21.458	21.477	VV	32691	359979	6.49%	0.197%
551	21.485	21.477	21.528	VV	33388	877653	15.82%	0.481%
552	21.537	21.528	21.546	VV	28089	294653	5.31%	0.161%
553	21.550	21.546	21.556	VV	27337	158477	2.86%	0.087%
554	21.566	21.556	21.575	VV	26349	300847	5.42%	0.165%
555	21.603	21.575	21.635	VV	34441	1064562	19.19%	0.583%
556	21.647	21.635	21.658	VV	27424	351432	6.34%	0.193%
557	21.685	21.658	21.714	VV	28092	818077	14.75%	0.448%
558	21.745	21.714	21.751	VV	28655	533209	9.61%	0.292%
559	21.756	21.751	21.766	VV	26611	243903	4.40%	0.134%
560	21.787	21.766	21.811	VV	32180	749756	13.52%	0.411%
561	21.816	21.811	21.844	VV	24836	401079	7.23%	0.220%

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562	21.853	21.844	21.879	VV	17146	331231	5.97%	0.182%
563	21.891	21.879	21.899	VV	16195	165715	2.99%	0.091%
564	21.907	21.899	21.920	VV	13258	146049	2.63%	0.080%
565	21.932	21.920	21.942	VV	11787	141569	2.55%	0.078%
566	21.950	21.942	21.968	VV	14910	193681	3.49%	0.106%
567	21.999	21.968	22.030	VV	16635	474271	8.55%	0.260%
568	22.034	22.030	22.045	VV	9771	76659	1.38%	0.042%
569	22.050	22.045	22.055	VV	7750	43199	0.78%	0.024%
570	22.061	22.055	22.068	VV	8021	54841	0.99%	0.030%
571	22.087	22.068	22.092	VV	15204	165882	2.99%	0.091%
572	22.099	22.092	22.136	VV	16533	266277	4.80%	0.146%
573	22.140	22.136	22.147	VV	5012	22096	0.40%	0.012%
574	22.178	22.147	22.208	VV	11400	269668	4.86%	0.148%
575	22.211	22.208	22.221	VV	5050	29624	0.53%	0.016%
576	22.234	22.221	22.265	VV	9369	106424	1.92%	0.058%
577	22.288	22.265	22.300	PBA	5983	89235	1.61%	0.049%
					Sum of corrected areas:		182468244	

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