

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072123\
 Data File : FG012542.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jul 2023 17:59
 Sample : 03681-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070623.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.030	1.993	2.038	BV	180	1884	0.07%	0.003%
2	2.042	2.038	2.053	VV	131	497	0.02%	0.001%
3	2.060	2.053	2.075	PV	91	636	0.02%	0.001%
4	2.081	2.075	2.089	VV	93	509	0.02%	0.001%
5	2.094	2.089	2.105	VV	104	491	0.02%	0.001%
6	2.110	2.105	2.117	VV	76	293	0.01%	0.000%
7	2.126	2.117	2.130	PV	91	456	0.02%	0.001%
8	2.134	2.130	2.153	VV	102	683	0.03%	0.001%
9	2.159	2.153	2.166	VV	89	423	0.02%	0.001%
10	2.178	2.166	2.198	VV	115	1244	0.05%	0.002%
11	2.210	2.198	2.217	PV	103	719	0.03%	0.001%
12	2.221	2.217	2.229	VV	74	404	0.01%	0.001%
13	2.235	2.229	2.248	VV	79	517	0.02%	0.001%
14	2.276	2.248	2.306	PV	455	8384	0.31%	0.012%
15	2.322	2.306	2.376	VV	731	14510	0.54%	0.020%
16	2.392	2.376	2.396	VV	186	1587	0.06%	0.002%
17	2.401	2.396	2.408	VV	153	908	0.03%	0.001%
18	2.413	2.408	2.419	VV	151	824	0.03%	0.001%
19	2.427	2.419	2.460	VV	179	2655	0.10%	0.004%
20	2.468	2.460	2.472	PV	70	356	0.01%	0.001%
21	2.476	2.472	2.481	VV	65	267	0.01%	0.000%
22	2.486	2.481	2.504	VV	71	820	0.03%	0.001%
23	2.536	2.504	2.550	VV	209	3498	0.13%	0.005%
24	2.553	2.550	2.574	VV	158	1609	0.06%	0.002%
25	2.582	2.574	2.588	VV	142	866	0.03%	0.001%
26	2.597	2.588	2.604	VV	166	1320	0.05%	0.002%
27	2.608	2.604	2.638	VV	207	2365	0.09%	0.003%
28	2.642	2.638	2.648	VV	53	236	0.01%	0.000%
29	2.657	2.648	2.662	VV	61	275	0.01%	0.000%
30	2.667	2.662	2.672	VV	30	119	0.00%	0.000%
31	2.690	2.672	2.695	PV	143	1191	0.04%	0.002%

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32	2.705	2.695	2.735	VV	204	3976	0.15%	0.006%
33	2.739	2.735	2.768	VV	181	1899	0.07%	0.003%
34	2.772	2.768	2.779	VV	73	228	0.01%	0.000%
35	2.806	2.779	2.827	PV	289	4313	0.16%	0.006%
36	2.831	2.827	2.845	VV	166	1252	0.05%	0.002%
37	2.849	2.845	2.853	VV	85	320	0.01%	0.000%
38	2.857	2.853	2.884	VV	102	1178	0.04%	0.002%
39	2.888	2.884	2.895	VV	124	403	0.01%	0.001%
40	2.937	2.895	2.951	VV	378	8616	0.32%	0.012%
41	2.965	2.951	3.007	VV	310	6835	0.25%	0.010%
42	3.031	3.007	3.050	VV	508	8472	0.31%	0.012%
43	3.059	3.050	3.070	VV	341	3445	0.13%	0.005%
44	3.076	3.070	3.108	VV	285	4298	0.16%	0.006%
45	3.126	3.108	3.137	VV	236	3088	0.11%	0.004%
46	3.142	3.137	3.156	VV	178	1358	0.05%	0.002%
47	3.178	3.156	3.183	VV	204	2428	0.09%	0.003%
48	3.194	3.183	3.209	VV	192	2338	0.09%	0.003%
49	3.211	3.209	3.219	VV	135	656	0.02%	0.001%
50	3.230	3.219	3.246	VV	151	1986	0.07%	0.003%
51	3.276	3.246	3.292	VV	259	4258	0.16%	0.006%
52	3.306	3.292	3.315	VV	139	1496	0.06%	0.002%
53	3.318	3.315	3.333	VV	148	1218	0.05%	0.002%
54	3.339	3.333	3.371	VV	102	1447	0.05%	0.002%
55	3.376	3.371	3.381	VV	99	378	0.01%	0.001%
56	3.386	3.381	3.402	VV	126	877	0.03%	0.001%
57	3.417	3.402	3.432	VV	126	1522	0.06%	0.002%
58	3.439	3.432	3.451	VV	77	587	0.02%	0.001%
59	3.479	3.451	3.491	PV	184	2653	0.10%	0.004%
60	3.517	3.491	3.538	VV	266	5558	0.21%	0.008%
61	3.544	3.538	3.562	VV	201	1729	0.06%	0.002%
62	3.571	3.562	3.576	VV	110	592	0.02%	0.001%
63	3.588	3.576	3.599	VV	157	1519	0.06%	0.002%
64	3.613	3.599	3.636	VV	202	3171	0.12%	0.004%
65	3.643	3.636	3.648	VV	161	919	0.03%	0.001%
66	3.654	3.648	3.699	VV	178	3256	0.12%	0.005%
67	3.731	3.699	3.766	VV	517	11825	0.44%	0.017%
68	3.769	3.766	3.790	VV	369	4365	0.16%	0.006%
69	3.801	3.790	3.812	VV	268	3184	0.12%	0.004%
70	3.834	3.812	3.839	VV	257	3554	0.13%	0.005%
71	3.853	3.839	3.858	VV	322	3132	0.12%	0.004%
72	3.862	3.858	3.880	VV	373	3752	0.14%	0.005%
73	3.883	3.880	3.914	VV	288	4570	0.17%	0.006%
74	3.919	3.914	3.933	VV	190	1287	0.05%	0.002%
75	3.943	3.933	3.947	VV	179	1321	0.05%	0.002%
76	3.955	3.947	3.972	VV	243	2635	0.10%	0.004%
77	3.993	3.972	4.008	VV	234	3823	0.14%	0.005%
78	4.012	4.008	4.023	VV	167	1197	0.04%	0.002%
79	4.027	4.023	4.032	VV	145	662	0.02%	0.001%

80	4.039	4.032	4.045	VV	165	924	0.03%	0.001%
81	4.048	4.045	4.052	VV	153	520	0.02%	0.001%
82	4.064	4.052	4.076	VV	230	2228	0.08%	0.003%
83	4.138	4.076	4.165	VV	963	25399	0.94%	0.036%
84	4.175	4.165	4.212	VV	676	13184	0.49%	0.019%
85	4.220	4.212	4.233	VV	409	4509	0.17%	0.006%
86	4.237	4.233	4.245	VV	315	1951	0.07%	0.003%
87	4.250	4.245	4.255	VV	272	1468	0.05%	0.002%
88	4.271	4.255	4.365	VV	2941	101087	3.74%	0.142%
89	4.369	4.365	4.416	VV	781	19256	0.71%	0.027%
90	4.420	4.416	4.446	VV	502	7644	0.28%	0.011%
91	4.458	4.446	4.466	VV	398	4431	0.16%	0.006%
92	4.470	4.466	4.484	VV	389	3900	0.14%	0.005%
93	4.491	4.484	4.499	VV	339	2901	0.11%	0.004%
94	4.517	4.499	4.531	VV	657	9317	0.35%	0.013%
95	4.537	4.531	4.550	VV	364	3656	0.14%	0.005%
96	4.558	4.550	4.572	VV	373	4279	0.16%	0.006%
97	4.578	4.572	4.588	VV	332	3254	0.12%	0.005%
98	4.600	4.588	4.626	VV	447	8362	0.31%	0.012%
99	4.648	4.626	4.668	VV	461	9556	0.35%	0.013%
100	4.693	4.668	4.750	VV	1702	33987	1.26%	0.048%
101	4.753	4.750	4.771	VV	311	3380	0.13%	0.005%
102	4.777	4.771	4.781	VV	265	1402	0.05%	0.002%
103	4.788	4.781	4.813	VV	287	4413	0.16%	0.006%
104	4.818	4.813	4.823	VV	241	1209	0.04%	0.002%
105	4.842	4.823	4.867	VV	403	7378	0.27%	0.010%
106	4.873	4.867	4.878	VV	191	1171	0.04%	0.002%
107	4.883	4.878	4.888	VV	184	1054	0.04%	0.001%
108	4.914	4.888	4.920	VV	294	3955	0.15%	0.006%
109	4.934	4.920	4.954	VV	370	6481	0.24%	0.009%
110	4.960	4.954	4.969	VV	319	2541	0.09%	0.004%
111	4.980	4.969	4.994	VV	325	4325	0.16%	0.006%
112	5.000	4.994	5.025	VV	323	4854	0.18%	0.007%
113	5.029	5.025	5.034	VV	227	1229	0.05%	0.002%
114	5.041	5.034	5.053	VV	226	2167	0.08%	0.003%
115	5.060	5.053	5.067	VV	210	1476	0.05%	0.002%
116	5.071	5.067	5.076	VV	218	1052	0.04%	0.001%
117	5.080	5.076	5.088	VV	210	1175	0.04%	0.002%
118	5.094	5.088	5.097	VV	143	698	0.03%	0.001%
119	5.101	5.097	5.116	VV	156	986	0.04%	0.001%
120	5.119	5.116	5.132	VV	112	690	0.03%	0.001%
121	5.140	5.132	5.155	VV	164	1600	0.06%	0.002%
122	5.184	5.155	5.206	VV	670	10074	0.37%	0.014%
123	5.211	5.206	5.224	VV	215	1609	0.06%	0.002%
124	5.232	5.224	5.241	VV	117	1091	0.04%	0.002%
125	5.270	5.241	5.303	VV	260	6621	0.25%	0.009%
126	5.314	5.303	5.323	VV	196	1826	0.07%	0.003%

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127	5.347	5.323	5.379	VV	310	7004	0.26%	0.010%
128	5.382	5.379	5.394	VV	119	913	0.03%	0.001%
129	5.404	5.394	5.422	VV	155	1645	0.06%	0.002%
130	5.440	5.422	5.450	VV	89	984	0.04%	0.001%
131	5.469	5.450	5.514	VV	969	16987	0.63%	0.024%
132	5.535	5.514	5.569	VV	380	7741	0.29%	0.011%
133	5.580	5.569	5.592	VV	163	1382	0.05%	0.002%
134	5.597	5.592	5.611	VV	120	725	0.03%	0.001%
135	5.618	5.611	5.626	PV	49	219	0.01%	0.000%
136	5.655	5.626	5.664	VV	336	3990	0.15%	0.006%
137	5.669	5.664	5.673	VV	279	1471	0.05%	0.002%
138	5.677	5.673	5.703	VV	336	3223	0.12%	0.005%
139	5.734	5.703	5.752	VV	659	8888	0.33%	0.013%
140	5.772	5.752	5.788	VV	496	7831	0.29%	0.011%
141	5.792	5.788	5.834	VV	409	7611	0.28%	0.011%
142	5.855	5.834	5.879	VV	327	6835	0.25%	0.010%
143	5.916	5.879	5.935	VV	570	10993	0.41%	0.015%
144	5.942	5.935	5.953	VV	235	2114	0.08%	0.003%
145	5.967	5.953	5.974	VV	186	1871	0.07%	0.003%
146	5.990	5.974	6.015	VV	234	3917	0.15%	0.006%
147	6.019	6.015	6.023	VV	116	511	0.02%	0.001%
148	6.038	6.023	6.063	VV	168	2633	0.10%	0.004%
149	6.067	6.063	6.077	VV	74	395	0.01%	0.001%
150	6.100	6.077	6.107	VV	114	1349	0.05%	0.002%
151	6.132	6.107	6.157	VV	315	5661	0.21%	0.008%
152	6.164	6.157	6.193	VV	203	3886	0.14%	0.005%
153	6.196	6.193	6.201	VV	152	663	0.02%	0.001%
154	6.231	6.201	6.245	VV	498	8156	0.30%	0.011%
155	6.268	6.245	6.275	VV	572	9145	0.34%	0.013%
156	6.280	6.275	6.297	VV	531	5621	0.21%	0.008%
157	6.301	6.297	6.320	VV	386	4547	0.17%	0.006%
158	6.335	6.320	6.346	VV	334	4440	0.16%	0.006%
159	6.360	6.346	6.365	VV	271	2720	0.10%	0.004%
160	6.397	6.365	6.432	VV	716	15543	0.58%	0.022%
161	6.435	6.432	6.440	VV	210	883	0.03%	0.001%
162	6.457	6.440	6.461	VV	231	2495	0.09%	0.004%
163	6.466	6.461	6.471	VV	260	1329	0.05%	0.002%
164	6.477	6.471	6.489	VV	238	2113	0.08%	0.003%
165	6.530	6.489	6.553	VV	970	16486	0.61%	0.023%
166	6.577	6.553	6.603	VV	502	11155	0.41%	0.016%
167	6.616	6.603	6.638	VV	322	5662	0.21%	0.008%
168	6.643	6.638	6.655	VV	264	2264	0.08%	0.003%
169	6.685	6.655	6.713	VV	442	9964	0.37%	0.014%
170	6.730	6.713	6.750	VV	424	7714	0.29%	0.011%
171	6.760	6.750	6.764	VV	536	4032	0.15%	0.006%
172	6.769	6.764	6.800	VV	506	6163	0.23%	0.009%
173	6.810	6.800	6.816	VV	222	1644	0.06%	0.002%
174	6.837	6.816	6.862	VV	363	6350	0.24%	0.009%

175	6.869	6.862	6.893	VV	rteres 229	2821	0.10%	0.004%
176	6.898	6.893	6.903	VV	155	847	0.03%	0.001%
177	6.907	6.903	6.924	VV	156	1328	0.05%	0.002%
178	6.927	6.924	6.933	VV	105	324	0.01%	0.000%
179	6.949	6.933	6.958	VV	135	1453	0.05%	0.002%
180	6.973	6.958	6.985	VV	224	2592	0.10%	0.004%
181	6.988	6.985	6.999	VV	125	599	0.02%	0.001%
182	7.019	6.999	7.033	PV	111	1037	0.04%	0.001%
183	7.044	7.033	7.051	VV	93	581	0.02%	0.001%
184	7.054	7.051	7.060	VV	92	348	0.01%	0.000%
185	7.090	7.060	7.109	VV	217	4400	0.16%	0.006%
186	7.131	7.109	7.140	VV	325	4418	0.16%	0.006%
187	7.144	7.140	7.163	VV	291	3221	0.12%	0.005%
188	7.201	7.163	7.244	VV	732	24046	0.89%	0.034%
189	7.255	7.244	7.264	VV	454	5061	0.19%	0.007%
190	7.279	7.264	7.287	VV	433	5194	0.19%	0.007%
191	7.326	7.287	7.343	VV	569	15228	0.56%	0.021%
192	7.368	7.343	7.382	VV	750	14094	0.52%	0.020%
193	7.385	7.382	7.427	VV	692	16108	0.60%	0.023%
194	7.431	7.427	7.442	VV	469	3983	0.15%	0.006%
195	7.464	7.442	7.489	VV	668	14491	0.54%	0.020%
196	7.503	7.489	7.523	VV	990	15209	0.56%	0.021%
197	7.528	7.523	7.559	VV	646	10246	0.38%	0.014%
198	7.574	7.559	7.591	VV	416	6650	0.25%	0.009%
199	7.631	7.591	7.652	VV	784	15713	0.58%	0.022%
200	7.663	7.652	7.686	VV	434	5645	0.21%	0.008%
201	7.701	7.686	7.708	VV	212	1945	0.07%	0.003%
202	7.711	7.708	7.732	VV	167	1613	0.06%	0.002%
203	7.738	7.732	7.749	VV	103	669	0.02%	0.001%
204	7.762	7.749	7.769	VV	134	1180	0.04%	0.002%
205	7.796	7.769	7.822	VV	177	3742	0.14%	0.005%
206	7.832	7.822	7.852	VV	74	462	0.02%	0.001%
207	7.864	7.852	7.875	PV	120	813	0.03%	0.001%
208	7.882	7.875	7.901	VV	112	872	0.03%	0.001%
209	7.914	7.901	7.932	VV	439	4510	0.17%	0.006%
210	7.938	7.932	7.954	VV	109	932	0.03%	0.001%
211	7.997	7.954	8.027	PV	248	3685	0.14%	0.005%
212	8.033	8.027	8.037	VV	124	471	0.02%	0.001%
213	8.087	8.037	8.106	VV	1029	21693	0.80%	0.031%
214	8.113	8.106	8.135	VV	412	5485	0.20%	0.008%
215	8.153	8.135	8.185	VV	360	7028	0.26%	0.010%
216	8.203	8.185	8.218	VV	273	3715	0.14%	0.005%
217	8.248	8.218	8.278	VV	464	9204	0.34%	0.013%
218	8.291	8.278	8.308	VV	307	4506	0.17%	0.006%
219	8.333	8.308	8.354	VV	467	7564	0.28%	0.011%
220	8.411	8.354	8.450	VV	1265	32461	1.20%	0.046%
221	8.480	8.450	8.498	VV	8808	115203	4.27%	0.162%

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222	8.510	8.498	8.549	VV	2851	46469	1.72%	0.065%
223	8.579	8.549	8.610	VV	3250	48006	1.78%	0.068%
224	8.626	8.610	8.645	VV	1034	17123	0.63%	0.024%
225	8.669	8.645	8.713	VV	1062	24849	0.92%	0.035%
226	8.718	8.713	8.724	VV	270	1606	0.06%	0.002%
227	8.744	8.724	8.780	VV	366	6829	0.25%	0.010%
228	8.801	8.780	8.814	VV	142	1771	0.07%	0.002%
229	8.820	8.814	8.826	VV	76	372	0.01%	0.001%
230	8.851	8.826	8.855	PV	227	2883	0.11%	0.004%
231	8.872	8.855	8.879	VV	497	5157	0.19%	0.007%
232	8.895	8.879	8.909	VV	574	8392	0.31%	0.012%
233	8.920	8.909	8.950	VV	679	13096	0.49%	0.018%
234	8.967	8.950	8.984	VV	742	12064	0.45%	0.017%
235	9.008	8.984	9.036	VV	765	19320	0.72%	0.027%
236	9.050	9.036	9.089	VV	1090	18826	0.70%	0.027%
237	9.106	9.089	9.111	VV	377	4274	0.16%	0.006%
238	9.131	9.111	9.140	VV	526	7203	0.27%	0.010%
239	9.151	9.140	9.187	VV	476	10184	0.38%	0.014%
240	9.256	9.187	9.290	VV	2335	66995	2.48%	0.094%
241	9.307	9.290	9.324	VV	1617	25456	0.94%	0.036%
242	9.339	9.324	9.371	VV	2050	31773	1.18%	0.045%
243	9.376	9.371	9.400	VV	382	5126	0.19%	0.007%
244	9.410	9.400	9.416	VV	254	2248	0.08%	0.003%
245	9.426	9.416	9.454	VV	311	3586	0.13%	0.005%
246	9.463	9.454	9.474	VV	128	980	0.04%	0.001%
247	9.486	9.474	9.499	VV	245	2230	0.08%	0.003%
248	9.503	9.499	9.511	VV	137	874	0.03%	0.001%
249	9.527	9.511	9.553	VV	232	3490	0.13%	0.005%
250	9.574	9.553	9.592	VV	161	2081	0.08%	0.003%
251	9.598	9.592	9.611	PV	95	680	0.03%	0.001%
252	9.623	9.611	9.627	VV	132	1094	0.04%	0.002%
253	9.632	9.627	9.640	VV	172	1037	0.04%	0.001%
254	9.644	9.640	9.652	VV	127	599	0.02%	0.001%
255	9.678	9.652	9.702	VV	2097	31596	1.17%	0.045%
256	9.722	9.702	9.745	VV	953	19664	0.73%	0.028%
257	9.750	9.745	9.771	VV	643	9008	0.33%	0.013%
258	9.786	9.771	9.824	VV	709	16101	0.60%	0.023%
259	9.842	9.824	9.885	VV	456	11128	0.41%	0.016%
260	9.899	9.885	9.923	VV	312	3529	0.13%	0.005%
261	9.952	9.923	9.977	VV	1481	19498	0.72%	0.027%
262	9.994	9.977	10.018	VV	421	6586	0.24%	0.009%
263	10.058	10.018	10.078	VV	1568	28971	1.07%	0.041%
264	10.092	10.078	10.102	VV	791	10251	0.38%	0.014%
265	10.119	10.102	10.161	VV	2037	31344	1.16%	0.044%
266	10.183	10.161	10.207	VV	528	8661	0.32%	0.012%
267	10.229	10.207	10.244	VV	609	9680	0.36%	0.014%
268	10.273	10.244	10.329	VV	1646	34593	1.28%	0.049%
269	10.335	10.329	10.351	VV	155	1278	0.05%	0.002%

270	10.387	10.351	10.407	VV	240	3635	0.13%	0.005%
271	10.434	10.407	10.444	PV	508	6683	0.25%	0.009%
272	10.451	10.444	10.483	VV	459	7326	0.27%	0.010%
273	10.509	10.483	10.530	VV	798	12018	0.45%	0.017%
274	10.545	10.530	10.567	VV	493	9226	0.34%	0.013%
275	10.574	10.567	10.582	VV	414	3677	0.14%	0.005%
276	10.600	10.582	10.633	VV	624	12887	0.48%	0.018%
277	10.666	10.633	10.685	VV	357	7870	0.29%	0.011%
278	10.708	10.685	10.722	VV	585	8975	0.33%	0.013%
279	10.785	10.722	10.797	VV	1320	41263	1.53%	0.058%
280	10.816	10.797	10.844	VV	2361	45167	1.67%	0.064%
281	10.858	10.844	10.907	VV	2078	36983	1.37%	0.052%
282	10.930	10.907	10.945	VV	694	11576	0.43%	0.016%
283	10.960	10.945	10.980	VV	796	10728	0.40%	0.015%
284	10.992	10.980	11.023	VV	346	5955	0.22%	0.008%
285	11.028	11.023	11.034	VV	104	476	0.02%	0.001%
286	11.050	11.034	11.062	VV	193	1769	0.07%	0.002%
287	11.079	11.062	11.104	VV	740	8852	0.33%	0.012%
288	11.124	11.104	11.132	PV	1541	16218	0.60%	0.023%
289	11.144	11.132	11.187	VV	2272	40740	1.51%	0.057%
290	11.204	11.187	11.217	VV	872	11493	0.43%	0.016%
291	11.233	11.217	11.266	VV	536	12392	0.46%	0.017%
292	11.277	11.266	11.289	VV	321	3754	0.14%	0.005%
293	11.311	11.289	11.347	VV	463	7737	0.29%	0.011%
294	11.370	11.347	11.405	VV	474	7739	0.29%	0.011%
295	11.428	11.405	11.460	PV	714	14036	0.52%	0.020%
296	11.494	11.460	11.515	VV	845	14182	0.53%	0.020%
297	11.535	11.515	11.545	VV	1176	14099	0.52%	0.020%
298	11.562	11.545	11.581	VV	2975	39573	1.47%	0.056%
299	11.590	11.581	11.619	VV	833	12774	0.47%	0.018%
300	11.646	11.619	11.694	VV	1708	33844	1.25%	0.048%
301	11.719	11.694	11.738	VV	659	10253	0.38%	0.014%
302	11.756	11.738	11.783	VV	940	13469	0.50%	0.019%
303	11.807	11.783	11.812	PV	279	3042	0.11%	0.004%
304	11.831	11.812	11.870	VV	1906	38186	1.41%	0.054%
305	11.878	11.870	11.902	VV	854	12636	0.47%	0.018%
306	11.920	11.902	11.938	VV	870	14369	0.53%	0.020%
307	11.958	11.938	11.981	VV	1011	17321	0.64%	0.024%
308	11.996	11.981	12.011	VV	511	6862	0.25%	0.010%
309	12.040	12.011	12.066	VV	920	18350	0.68%	0.026%
310	12.070	12.066	12.085	VV	311	2983	0.11%	0.004%
311	12.109	12.085	12.139	VV	906	14451	0.54%	0.020%
312	12.169	12.139	12.197	VV	785	11626	0.43%	0.016%
313	12.231	12.197	12.266	PV	2930	48738	1.81%	0.069%
314	12.286	12.266	12.309	VV	2591	32592	1.21%	0.046%
315	12.332	12.309	12.377	VV	1585	30758	1.14%	0.043%
316	12.397	12.377	12.425	VV	930	14494	0.54%	0.020%

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317	12.432	12.425	12.447	VV	383	3830	0.14%	0.005%
318	12.490	12.447	12.582	VV	70949	975434	36.13%	1.374%
319	12.587	12.582	12.592	VV	1176	6379	0.24%	0.009%
320	12.602	12.592	12.612	VV	1245	14337	0.53%	0.020%
321	12.629	12.612	12.664	VV	1484	31890	1.18%	0.045%
322	12.692	12.664	12.757	VV	1398	39386	1.46%	0.055%
323	12.774	12.757	12.782	VV	427	5314	0.20%	0.007%
324	12.814	12.782	12.850	VV	2008	45490	1.68%	0.064%
325	12.874	12.850	12.922	VV	3323	55848	2.07%	0.079%
326	12.944	12.922	13.003	VV	5535	83909	3.11%	0.118%
327	13.032	13.003	13.066	VV	2296	32497	1.20%	0.046%
328	13.088	13.066	13.094	PV	345	3266	0.12%	0.005%
329	13.122	13.094	13.146	VV	1414	27033	1.00%	0.038%
330	13.172	13.146	13.217	VV	2077	39520	1.46%	0.056%
331	13.241	13.217	13.282	PV	5387	78175	2.90%	0.110%
332	13.304	13.282	13.339	VV	1994	42372	1.57%	0.060%
333	13.361	13.339	13.388	VV	5516	71735	2.66%	0.101%
334	13.404	13.388	13.408	VV	648	6998	0.26%	0.010%
335	13.417	13.408	13.451	VV	704	11397	0.42%	0.016%
336	13.507	13.451	13.516	PV	2673	56170	2.08%	0.079%
337	13.534	13.516	13.546	VV	2868	48264	1.79%	0.068%
338	13.556	13.546	13.578	VV	3298	50315	1.86%	0.071%
339	13.590	13.578	13.621	VV	1854	36105	1.34%	0.051%
340	13.641	13.621	13.678	VV	2262	45092	1.67%	0.064%
341	13.719	13.678	13.779	VV	14273	236580	8.76%	0.333%
342	13.784	13.779	13.800	VV	944	9980	0.37%	0.014%
343	13.833	13.800	13.852	VV	2029	39173	1.45%	0.055%
344	13.871	13.852	13.887	VV	2380	34155	1.27%	0.048%
345	13.908	13.887	13.919	VV	2170	32568	1.21%	0.046%
346	13.937	13.919	13.961	VV	3122	50711	1.88%	0.071%
347	13.974	13.961	13.978	VV	1122	11078	0.41%	0.016%
348	13.990	13.978	13.995	VV	1217	11491	0.43%	0.016%
349	14.018	13.995	14.046	VV	2512	47007	1.74%	0.066%
350	14.073	14.046	14.092	VV	3928	56362	2.09%	0.079%
351	14.097	14.092	14.132	VV	1578	28911	1.07%	0.041%
352	14.153	14.132	14.168	VV	646	10544	0.39%	0.015%
353	14.200	14.168	14.212	VV	478	10624	0.39%	0.015%
354	14.224	14.212	14.246	VV	709	8336	0.31%	0.012%
355	14.318	14.246	14.357	PV	1863	47868	1.77%	0.067%
356	14.369	14.357	14.392	VV	498	5948	0.22%	0.008%
357	14.435	14.392	14.456	PV	2385	35573	1.32%	0.050%
358	14.460	14.456	14.465	VV	462	2188	0.08%	0.003%
359	14.500	14.465	14.522	VV	1899	38164	1.41%	0.054%
360	14.536	14.522	14.555	VV	1022	18359	0.68%	0.026%
361	14.583	14.555	14.607	VV	1256	29056	1.08%	0.041%
362	14.636	14.607	14.658	VV	3817	54039	2.00%	0.076%
363	14.671	14.658	14.686	VV	1755	21703	0.80%	0.031%
364	14.699	14.686	14.719	VV	1430	18606	0.69%	0.026%

365	14.740	14.719	14.746	VV	rteres 842	12018	0.45%	0.017%
366	14.753	14.746	14.782	VV	796	10229	0.38%	0.014%
367	14.816	14.782	14.839	PV	856	13962	0.52%	0.020%
368	14.862	14.839	14.885	VV	1130	18550	0.69%	0.026%
369	14.897	14.885	14.904	VV	528	5877	0.22%	0.008%
370	14.916	14.904	14.938	VV	484	6881	0.25%	0.010%
371	14.975	14.938	15.038	VV	102008	1407885	52.14%	1.983%
372	15.068	15.038	15.082	VV	678	12885	0.48%	0.018%
373	15.157	15.082	15.204	VV	25719	527472	19.54%	0.743%
374	15.223	15.204	15.264	VV	4714	79154	2.93%	0.111%
375	15.288	15.264	15.303	VV	1280	21635	0.80%	0.030%
376	15.312	15.303	15.354	VV	1047	19353	0.72%	0.027%
377	15.370	15.354	15.393	VV	614	8771	0.32%	0.012%
378	15.398	15.393	15.403	VV	164	801	0.03%	0.001%
379	15.414	15.403	15.419	PV	212	1261	0.05%	0.002%
380	15.425	15.419	15.432	VV	366	1993	0.07%	0.003%
381	15.447	15.432	15.459	VV	510	5260	0.19%	0.007%
382	15.473	15.459	15.489	VV	639	8851	0.33%	0.012%
383	15.499	15.489	15.502	VV	430	2829	0.10%	0.004%
384	15.507	15.502	15.512	VV	449	1891	0.07%	0.003%
385	15.516	15.512	15.536	VV	327	2650	0.10%	0.004%
386	15.576	15.536	15.675	PV	23698	672013	24.89%	0.947%
387	15.699	15.675	15.733	VV	3680	67600	2.50%	0.095%
388	15.769	15.733	15.799	VV	11929	182701	6.77%	0.257%
389	15.802	15.799	15.817	VV	1560	13991	0.52%	0.020%
390	15.822	15.817	15.841	VV	1259	14550	0.54%	0.020%
391	15.844	15.841	15.852	VV	710	3954	0.15%	0.006%
392	15.857	15.852	15.861	VV	510	2215	0.08%	0.003%
393	15.865	15.861	15.876	VV	427	2772	0.10%	0.004%
394	15.882	15.876	15.887	VV	222	1124	0.04%	0.002%
395	15.896	15.887	15.901	VV	135	940	0.03%	0.001%
396	15.924	15.901	15.929	PV	341	3880	0.14%	0.005%
397	15.951	15.929	15.958	VV	767	7890	0.29%	0.011%
398	15.976	15.958	15.982	VV	440	5411	0.20%	0.008%
399	16.034	15.982	16.048	VV	421	13324	0.49%	0.019%
400	16.123	16.048	16.140	PV	881	29920	1.11%	0.042%
401	16.160	16.140	16.174	VV	960	14972	0.55%	0.021%
402	16.201	16.174	16.234	VV	3941	64078	2.37%	0.090%
403	16.266	16.234	16.300	VV	1482	30016	1.11%	0.042%
404	16.305	16.300	16.311	VV	310	1841	0.07%	0.003%
405	16.333	16.311	16.355	VV	563	8268	0.31%	0.012%
406	16.362	16.355	16.366	PV	130	627	0.02%	0.001%
407	16.394	16.366	16.399	VV	760	8822	0.33%	0.012%
408	16.406	16.399	16.425	VV	808	7171	0.27%	0.010%
409	16.497	16.425	16.526	PV	2777	53964	2.00%	0.076%
410	16.605	16.526	16.631	VV	2789	87604	3.24%	0.123%
411	16.649	16.631	16.666	VV	2122	38920	1.44%	0.055%

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412	16.690	16.666	16.716	VV	7361	129282	4.79%	0.182%
413	16.721	16.716	16.738	VV	2517	27197	1.01%	0.038%
414	16.757	16.738	16.790	VV	3253	56977	2.11%	0.080%
415	16.819	16.790	16.861	VV	3696	64776	2.40%	0.091%
416	16.885	16.861	16.910	VV	585	8910	0.33%	0.013%
417	16.966	16.910	16.971	PV	524	7190	0.27%	0.010%
418	17.019	16.971	17.055	VV	2935	49325	1.83%	0.069%
419	17.083	17.055	17.104	PV	3373	53239	1.97%	0.075%
420	17.152	17.104	17.183	VV	7585	174465	6.46%	0.246%
421	17.198	17.183	17.217	VV	4491	69150	2.56%	0.097%
422	17.233	17.217	17.254	VV	2152	36333	1.35%	0.051%
423	17.273	17.254	17.281	VV	1483	19386	0.72%	0.027%
424	17.300	17.281	17.305	VV	775	11404	0.42%	0.016%
425	17.348	17.305	17.355	VV	1763	39220	1.45%	0.055%
426	17.361	17.355	17.368	VV	1772	12696	0.47%	0.018%
427	17.397	17.368	17.419	VV	2948	64028	2.37%	0.090%
428	17.430	17.419	17.435	VV	1499	12549	0.46%	0.018%
429	17.443	17.435	17.449	VV	1764	13426	0.50%	0.019%
430	17.490	17.449	17.501	VV	2763	65556	2.43%	0.092%
431	17.545	17.501	17.552	VV	3397	69282	2.57%	0.098%
432	17.572	17.552	17.581	VV	3938	62499	2.31%	0.088%
433	17.602	17.581	17.623	VV	7963	128742	4.77%	0.181%
434	17.629	17.623	17.632	VV	1938	9429	0.35%	0.013%
435	17.646	17.632	17.659	VV	2791	36053	1.34%	0.051%
436	17.685	17.659	17.704	VV	2955	57771	2.14%	0.081%
437	17.710	17.704	17.714	VV	2244	11631	0.43%	0.016%
438	17.716	17.714	17.721	VV	2118	8044	0.30%	0.011%
439	17.734	17.721	17.740	VV	1837	17664	0.65%	0.025%
440	17.778	17.740	17.783	VV	2085	39419	1.46%	0.056%
441	17.810	17.783	17.823	VV	2231	40628	1.50%	0.057%
442	17.829	17.823	17.841	VV	970	8754	0.32%	0.012%
443	17.870	17.841	17.881	VV	2736	44170	1.64%	0.062%
444	17.886	17.881	17.898	VV	2214	20375	0.75%	0.029%
445	17.903	17.898	17.908	VV	2006	10981	0.41%	0.015%
446	17.938	17.908	17.952	VV	3852	77486	2.87%	0.109%
447	18.000	17.952	18.005	VV	6429	148372	5.50%	0.209%
448	18.039	18.005	18.065	VV	12834	272684	10.10%	0.384%
449	18.077	18.065	18.082	VV	4304	40283	1.49%	0.057%
450	18.128	18.082	18.146	VV	9857	238461	8.83%	0.336%
451	18.165	18.146	18.170	VV	6065	82611	3.06%	0.116%
452	18.185	18.170	18.193	VV	6522	85095	3.15%	0.120%
453	18.215	18.193	18.246	VV	8212	225727	8.36%	0.318%
454	18.270	18.246	18.310	VV	8258	247484	9.17%	0.349%
455	18.334	18.310	18.339	VV	5770	96000	3.56%	0.135%
456	18.362	18.339	18.388	VV	11304	262912	9.74%	0.370%
457	18.423	18.388	18.449	VV	19167	531031	19.67%	0.748%
458	18.463	18.449	18.493	VV	16788	342950	12.70%	0.483%
459	18.517	18.493	18.537	VV	10717	263960	9.78%	0.372%

460	18.559	18.537	18.578	VV	rteres 11013	242241	8.97%	0.341%
461	18.583	18.578	18.601	VV	10303	130251	4.82%	0.183%
462	18.626	18.601	18.650	VV	10983	267261	9.90%	0.376%
463	18.666	18.650	18.682	VV	9294	168037	6.22%	0.237%
464	18.722	18.682	18.736	VV	11645	325823	12.07%	0.459%
465	18.756	18.736	18.776	VV	12163	258179	9.56%	0.364%
466	18.818	18.776	18.825	VV	10469	279680	10.36%	0.394%
467	18.869	18.825	18.915	VV	20603	746711	27.66%	1.052%
468	18.976	18.915	19.000	VV	16902	618443	22.91%	0.871%
469	19.034	19.000	19.063	VV	15158	493879	18.29%	0.696%
470	19.073	19.063	19.081	VV	11942	127312	4.72%	0.179%
471	19.091	19.081	19.096	VV	12059	103042	3.82%	0.145%
472	19.156	19.096	19.191	VV	16563	790077	29.26%	1.113%
473	19.195	19.191	19.202	VV	14122	91444	3.39%	0.129%
474	19.208	19.202	19.211	VV	14556	73022	2.70%	0.103%
475	19.274	19.211	19.335	VV	25379	1491658	55.25%	2.101%
476	19.368	19.335	19.373	VV	18732	403374	14.94%	0.568%
477	19.379	19.373	19.383	VV	18688	116561	4.32%	0.164%
478	19.387	19.383	19.395	VV	18372	130838	4.85%	0.184%
479	19.409	19.395	19.415	VV	20315	222695	8.25%	0.314%
480	19.424	19.415	19.443	VV	20215	335814	12.44%	0.473%
481	19.468	19.443	19.490	VV	20618	543191	20.12%	0.765%
482	19.551	19.490	19.556	VV	21705	799829	29.62%	1.127%
483	19.565	19.556	19.569	VV	22456	172782	6.40%	0.243%
484	19.573	19.569	19.592	VV	22319	287765	10.66%	0.405%
485	19.617	19.592	19.625	VV	22893	433714	16.06%	0.611%
486	19.638	19.625	19.642	VV	22621	228440	8.46%	0.322%
487	19.666	19.642	19.678	VV	25873	512342	18.98%	0.722%
488	19.685	19.678	19.704	VV	23064	357652	13.25%	0.504%
489	19.729	19.704	19.747	VV	26918	633722	23.47%	0.893%
490	19.778	19.747	19.788	VV	28418	645487	23.91%	0.909%
491	19.797	19.788	19.802	VV	26881	222606	8.24%	0.314%
492	19.842	19.802	19.853	VV	29750	854115	31.63%	1.203%
493	19.864	19.853	19.871	VV	29468	320920	11.89%	0.452%
494	19.889	19.871	19.898	VV	29450	460435	17.05%	0.649%
495	19.906	19.898	19.915	VV	29614	297854	11.03%	0.420%
496	19.947	19.915	19.953	VV	32399	701069	25.97%	0.987%
497	19.962	19.953	19.971	VV	32587	344424	12.76%	0.485%
498	20.028	19.971	20.064	VV	39385	1965993	72.81%	2.769%
499	20.090	20.064	20.103	VV	34643	774656	28.69%	1.091%
500	20.110	20.103	20.133	VV	33738	593430	21.98%	0.836%
501	20.163	20.133	20.167	VV	34661	698530	25.87%	0.984%
502	20.187	20.167	20.201	VV	36361	709313	26.27%	0.999%
503	20.221	20.201	20.226	VV	38499	543570	20.13%	0.766%
504	20.304	20.226	20.333	VV	44978	2700015	100.00%	3.803%
505	20.336	20.333	20.347	VV	42959	358737	13.29%	0.505%
506	20.404	20.347	20.422	VV	47609	1988277	73.64%	2.800%

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507	20.427	20.422	20.441	VV	45009	493703	18.29%	0.695%
508	20.478	20.441	20.484	VV	47269	1163334	43.09%	1.639%
509	20.488	20.484	20.502	VV	46735	505201	18.71%	0.712%
510	20.569	20.502	20.580	VV	56409	2349558	87.02%	3.309%
511	20.584	20.580	20.593	VV	53786	397560	14.72%	0.560%
512	20.628	20.593	20.641	VV	55328	1558960	57.74%	2.196%
513	20.647	20.641	20.658	VV	54381	555621	20.58%	0.783%
514	20.670	20.658	20.700	VV	52062	1269721	47.03%	1.788%
515	20.708	20.700	20.736	VV	51537	1083903	40.14%	1.527%
516	20.750	20.736	20.754	VV	50544	547540	20.28%	0.771%
517	20.760	20.754	20.771	VV	50820	496170	18.38%	0.699%
518	20.780	20.771	20.797	VV	51131	801163	29.67%	1.128%
519	20.804	20.797	20.826	VV	50356	852594	31.58%	1.201%
520	20.831	20.826	20.841	VV	47652	418011	15.48%	0.589%
521	20.846	20.841	20.851	VV	47368	278576	10.32%	0.392%
522	20.869	20.851	20.875	VV	48448	689424	25.53%	0.971%
523	20.878	20.875	20.883	VV	46552	206489	7.65%	0.291%
524	20.908	20.883	20.940	VV	51839	1684910	62.40%	2.373%
525	20.944	20.940	20.993	VV	47213	1398385	51.79%	1.970%
526	20.998	20.993	21.002	VV	41866	238780	8.84%	0.336%
527	21.009	21.002	21.022	VV	41876	494879	18.33%	0.697%
528	21.040	21.022	21.044	VV	42736	552766	20.47%	0.779%
529	21.048	21.044	21.054	VV	42848	249362	9.24%	0.351%
530	21.063	21.054	21.086	VV	41821	785195	29.08%	1.106%
531	21.107	21.086	21.116	VV	41714	733973	27.18%	1.034%
532	21.132	21.116	21.183	VV	42377	1541987	57.11%	2.172%
533	21.187	21.183	21.199	VV	34793	334449	12.39%	0.471%
534	21.205	21.199	21.220	VV	33617	399887	14.81%	0.563%
535	21.225	21.220	21.230	VV	32366	203448	7.54%	0.287%
536	21.241	21.230	21.247	VV	32051	314091	11.63%	0.442%
537	21.263	21.247	21.272	VV	34303	493187	18.27%	0.695%
538	21.282	21.272	21.288	VV	34134	318866	11.81%	0.449%
539	21.296	21.288	21.322	VV	34056	667539	24.72%	0.940%
540	21.337	21.322	21.351	VV	31064	532917	19.74%	0.751%
541	21.372	21.351	21.390	VV	31325	707178	26.19%	0.996%
542	21.403	21.390	21.413	VV	30914	415798	15.40%	0.586%
543	21.421	21.413	21.429	VV	30386	279449	10.35%	0.394%
544	21.443	21.429	21.473	VV	31532	793475	29.39%	1.118%
545	21.479	21.473	21.516	VV	29020	694440	25.72%	0.978%
546	21.529	21.516	21.536	VV	25295	294988	10.93%	0.415%
547	21.543	21.536	21.550	VV	24356	196215	7.27%	0.276%
548	21.564	21.550	21.602	VV	25675	731544	27.09%	1.030%
549	21.609	21.602	21.623	VV	20585	249373	9.24%	0.351%
550	21.639	21.623	21.664	VV	20433	462320	17.12%	0.651%
551	21.682	21.664	21.694	VV	18377	315472	11.68%	0.444%
552	21.700	21.694	21.703	VV	18631	94440	3.50%	0.133%
553	21.707	21.703	21.713	VV	18572	109177	4.04%	0.154%
554	21.720	21.713	21.730	VV	17059	165472	6.13%	0.233%

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555	21.760	21.730	21.768	VV	16663	367513	13.61%	0.518%
556	21.787	21.768	21.797	VV	15505	264991	9.81%	0.373%
557	21.803	21.797	21.835	VV	15172	316451	11.72%	0.446%
558	21.840	21.835	21.843	VV	12850	55551	2.06%	0.078%
559	21.846	21.843	21.850	VV	12991	55198	2.04%	0.078%
560	21.854	21.850	21.877	VV	12774	189247	7.01%	0.267%
561	21.883	21.877	21.911	VV	11107	194099	7.19%	0.273%
562	21.922	21.911	21.927	VV	9793	89171	3.30%	0.126%
563	21.934	21.927	21.958	VV	9866	165977	6.15%	0.234%
564	21.964	21.958	21.988	VV	9079	138458	5.13%	0.195%
565	21.994	21.988	22.000	VV	6523	42087	1.56%	0.059%
566	22.005	22.000	22.018	VV	5768	54057	2.00%	0.076%
567	22.046	22.018	22.073	VV	7486	175526	6.50%	0.247%
568	22.089	22.073	22.131	VV	3765	74077	2.74%	0.104%
					Sum of corrected areas:		70999256	

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