

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072823\
 Data File : FG012574.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jul 2023 16:08
 Sample : 03737-01
 Misc :
 ALS Vial : 14 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	1.911	1.900	1.925	BV	118	1107	0.01%	0.001%
2	1.931	1.925	1.970	VV	219	2495	0.03%	0.002%
3	1.975	1.970	1.989	VV	60	395	0.00%	0.000%
4	1.997	1.989	2.000	PV	107	409	0.01%	0.000%
5	2.014	2.000	2.022	VV	111	1196	0.01%	0.001%
6	2.027	2.022	2.034	VV	170	567	0.01%	0.000%
7	2.040	2.034	2.045	PV	74	323	0.00%	0.000%
8	2.053	2.045	2.059	VV	92	546	0.01%	0.000%
9	2.063	2.059	2.071	VV	74	310	0.00%	0.000%
10	2.075	2.071	2.085	VV	63	373	0.00%	0.000%
11	2.088	2.085	2.103	VV	58	348	0.00%	0.000%
12	2.114	2.103	2.136	VV	187	2352	0.03%	0.002%
13	2.139	2.136	2.146	VV	116	454	0.01%	0.000%
14	2.150	2.146	2.161	VV	88	408	0.01%	0.000%
15	2.163	2.161	2.173	VV	48	200	0.00%	0.000%
16	2.178	2.173	2.182	VV	76	225	0.00%	0.000%
17	2.191	2.182	2.200	PV	86	696	0.01%	0.001%
18	2.217	2.200	2.251	VV	629	8144	0.10%	0.007%
19	2.253	2.251	2.260	VV	118	485	0.01%	0.000%
20	2.272	2.260	2.295	VV	884	13969	0.17%	0.012%
21	2.306	2.295	2.364	VV	1425	27316	0.34%	0.024%
22	2.368	2.364	2.373	VV	247	1168	0.01%	0.001%
23	2.384	2.373	2.440	VV	1212	25993	0.32%	0.023%
24	2.447	2.440	2.462	VV	221	2162	0.03%	0.002%
25	2.491	2.462	2.517	VV	249	5444	0.07%	0.005%
26	2.523	2.517	2.528	VV	194	950	0.01%	0.001%
27	2.533	2.528	2.553	VV	235	2584	0.03%	0.002%
28	2.579	2.553	2.606	VV	354	6136	0.08%	0.005%
29	2.610	2.606	2.617	VV	156	759	0.01%	0.001%
30	2.622	2.617	2.637	VV	112	836	0.01%	0.001%
31	2.645	2.637	2.655	PV	59	446	0.01%	0.000%

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32	2.664	2.655	2.672	VV	85	576	0.01%	0.001%
33	2.685	2.672	2.693	PV	209	1645	0.02%	0.001%
34	2.698	2.693	2.712	VV	194	1668	0.02%	0.001%
35	2.716	2.712	2.720	VV	152	717	0.01%	0.001%
36	2.726	2.720	2.733	VV	164	1147	0.01%	0.001%
37	2.745	2.733	2.762	VV	173	2171	0.03%	0.002%
38	2.769	2.762	2.776	VV	110	591	0.01%	0.001%
39	2.780	2.776	2.791	VV	120	647	0.01%	0.001%
40	2.807	2.791	2.811	VV	205	1599	0.02%	0.001%
41	2.814	2.811	2.819	VV	172	756	0.01%	0.001%
42	2.823	2.819	2.831	VV	214	1257	0.02%	0.001%
43	2.836	2.831	2.868	VV	205	2483	0.03%	0.002%
44	2.871	2.868	2.875	VV	80	161	0.00%	0.000%
45	2.898	2.875	2.903	PV	139	859	0.01%	0.001%
46	2.929	2.903	2.946	VV	496	8857	0.11%	0.008%
47	2.958	2.946	2.999	VV	440	8682	0.11%	0.008%
48	3.024	2.999	3.033	VV	248	4181	0.05%	0.004%
49	3.046	3.033	3.060	VV	315	2965	0.04%	0.003%
50	3.085	3.060	3.110	VV	251	4401	0.05%	0.004%
51	3.124	3.110	3.139	VV	167	1794	0.02%	0.002%
52	3.144	3.139	3.150	VV	83	438	0.01%	0.000%
53	3.180	3.150	3.208	VV	168	3645	0.05%	0.003%
54	3.218	3.208	3.247	VV	169	2878	0.04%	0.003%
55	3.259	3.247	3.264	VV	204	1562	0.02%	0.001%
56	3.267	3.264	3.271	VV	182	746	0.01%	0.001%
57	3.276	3.271	3.308	VV	185	2497	0.03%	0.002%
58	3.312	3.308	3.321	VV	141	663	0.01%	0.001%
59	3.328	3.321	3.343	VV	124	695	0.01%	0.001%
60	3.359	3.343	3.368	VV	73	707	0.01%	0.001%
61	3.373	3.368	3.378	VV	104	338	0.00%	0.000%
62	3.389	3.378	3.399	VV	84	586	0.01%	0.001%
63	3.405	3.399	3.419	PV	84	581	0.01%	0.001%
64	3.431	3.419	3.437	VV	93	505	0.01%	0.000%
65	3.440	3.437	3.445	VV	119	394	0.00%	0.000%
66	3.468	3.445	3.496	VV	213	4383	0.05%	0.004%
67	3.508	3.496	3.512	VV	167	1324	0.02%	0.001%
68	3.517	3.512	3.524	VV	160	954	0.01%	0.001%
69	3.530	3.524	3.539	VV	170	1300	0.02%	0.001%
70	3.547	3.539	3.558	VV	199	1723	0.02%	0.002%
71	3.566	3.558	3.573	VV	124	953	0.01%	0.001%
72	3.613	3.573	3.657	VV	2075	29109	0.36%	0.026%
73	3.660	3.657	3.672	VV	202	1466	0.02%	0.001%
74	3.677	3.672	3.690	VV	188	1241	0.02%	0.001%
75	3.699	3.690	3.703	VV	138	813	0.01%	0.001%
76	3.730	3.703	3.734	VV	219	2886	0.04%	0.003%
77	3.737	3.734	3.750	VV	209	1329	0.02%	0.001%
78	3.767	3.750	3.776	VV	221	2512	0.03%	0.002%
79	3.786	3.776	3.794	VV	195	1508	0.02%	0.001%

80	3.799	3.794	3.818	VV	165	1531	0.02%	0.001%
81	3.828	3.818	3.835	VV	113	861	0.01%	0.001%
82	3.853	3.835	3.862	VV	152	1764	0.02%	0.002%
83	3.872	3.862	3.881	VV	178	1621	0.02%	0.001%
84	3.885	3.881	3.909	VV	189	2084	0.03%	0.002%
85	3.914	3.909	3.930	VV	145	951	0.01%	0.001%
86	3.945	3.930	3.963	VV	159	1804	0.02%	0.002%
87	3.966	3.963	3.972	VV	106	442	0.01%	0.000%
88	3.976	3.972	3.992	VV	118	842	0.01%	0.001%
89	4.000	3.992	4.019	PV	83	1058	0.01%	0.001%
90	4.023	4.019	4.050	VV	122	1467	0.02%	0.001%
91	4.070	4.050	4.077	VV	223	2786	0.03%	0.002%
92	4.100	4.077	4.125	VV	2027	31867	0.40%	0.028%
93	4.138	4.125	4.225	VV	1588	50139	0.62%	0.044%
94	4.229	4.225	4.237	VV	405	2881	0.04%	0.003%
95	4.252	4.237	4.273	VV	437	8354	0.10%	0.007%
96	4.278	4.273	4.283	VV	326	1845	0.02%	0.002%
97	4.300	4.283	4.320	VV	424	7382	0.09%	0.006%
98	4.326	4.320	4.331	VV	275	1641	0.02%	0.001%
99	4.340	4.331	4.345	VV	319	2472	0.03%	0.002%
100	4.351	4.345	4.356	VV	318	1953	0.02%	0.002%
101	4.368	4.356	4.392	VV	377	6881	0.09%	0.006%
102	4.396	4.392	4.408	VV	246	2026	0.03%	0.002%
103	4.412	4.408	4.418	VV	215	1039	0.01%	0.001%
104	4.432	4.418	4.437	VV	257	2420	0.03%	0.002%
105	4.440	4.437	4.448	VV	235	1368	0.02%	0.001%
106	4.456	4.448	4.462	VV	229	1547	0.02%	0.001%
107	4.468	4.462	4.476	VV	228	1562	0.02%	0.001%
108	4.482	4.476	4.493	VV	209	2018	0.03%	0.002%
109	4.515	4.493	4.539	VV	690	12133	0.15%	0.011%
110	4.542	4.539	4.546	VV	435	1601	0.02%	0.001%
111	4.553	4.546	4.581	VV	453	8011	0.10%	0.007%
112	4.600	4.581	4.606	VV	516	6492	0.08%	0.006%
113	4.612	4.606	4.619	VV	517	3676	0.05%	0.003%
114	4.627	4.619	4.647	VV	505	6872	0.09%	0.006%
115	4.651	4.647	4.672	VV	275	3314	0.04%	0.003%
116	4.691	4.672	4.704	VV	1270	14799	0.18%	0.013%
117	4.720	4.704	4.727	VV	880	11049	0.14%	0.010%
118	4.731	4.727	4.752	VV	811	11526	0.14%	0.010%
119	4.757	4.752	4.776	VV	701	9299	0.12%	0.008%
120	4.779	4.776	4.789	VV	666	5162	0.06%	0.005%
121	4.794	4.789	4.811	VV	667	8122	0.10%	0.007%
122	4.817	4.811	4.831	VV	580	6183	0.08%	0.005%
123	4.836	4.831	4.870	VV	548	10160	0.13%	0.009%
124	4.875	4.870	4.880	VV	427	2278	0.03%	0.002%
125	4.896	4.880	4.918	VV	535	9943	0.12%	0.009%
126	4.931	4.918	4.946	VV	459	6994	0.09%	0.006%

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127	4.950	4.946	4.964	VV	421	4037	0.05%	0.004%
128	4.987	4.964	5.005	VV	433	9579	0.12%	0.008%
129	5.013	5.005	5.054	VV	363	8572	0.11%	0.008%
130	5.071	5.054	5.118	VV	573	12143	0.15%	0.011%
131	5.126	5.118	5.133	VV	268	1857	0.02%	0.002%
132	5.138	5.133	5.152	VV	204	2023	0.03%	0.002%
133	5.158	5.152	5.162	VV	224	1087	0.01%	0.001%
134	5.183	5.162	5.208	VV	471	9121	0.11%	0.008%
135	5.221	5.208	5.239	VV	293	4632	0.06%	0.004%
136	5.262	5.239	5.294	VV	463	10666	0.13%	0.009%
137	5.301	5.294	5.305	VV	221	1303	0.02%	0.001%
138	5.309	5.305	5.324	VV	208	1825	0.02%	0.002%
139	5.361	5.324	5.382	VV	408	9548	0.12%	0.008%
140	5.385	5.382	5.389	VV	261	1132	0.01%	0.001%
141	5.397	5.389	5.426	VV	260	4403	0.05%	0.004%
142	5.438	5.426	5.443	VV	199	1632	0.02%	0.001%
143	5.465	5.443	5.521	VV	1034	20947	0.26%	0.018%
144	5.528	5.521	5.537	VV	244	1941	0.02%	0.002%
145	5.541	5.537	5.568	VV	237	3554	0.04%	0.003%
146	5.577	5.568	5.606	VV	225	3581	0.04%	0.003%
147	5.610	5.606	5.624	VV	128	1110	0.01%	0.001%
148	5.628	5.624	5.635	VV	140	777	0.01%	0.001%
149	5.651	5.635	5.675	VV	359	5741	0.07%	0.005%
150	5.684	5.675	5.698	VV	230	2327	0.03%	0.002%
151	5.700	5.698	5.715	VV	170	1411	0.02%	0.001%
152	5.733	5.715	5.762	VV	767	11465	0.14%	0.010%
153	5.769	5.762	5.791	VV	293	3854	0.05%	0.003%
154	5.795	5.791	5.799	VV	176	826	0.01%	0.001%
155	5.818	5.799	5.837	VV	535	7510	0.09%	0.007%
156	5.846	5.837	5.864	VV	247	3349	0.04%	0.003%
157	5.868	5.864	5.879	VV	152	945	0.01%	0.001%
158	5.916	5.879	5.962	VV	791	19083	0.24%	0.017%
159	5.975	5.962	5.979	VV	265	2440	0.03%	0.002%
160	5.983	5.979	5.998	VV	238	2105	0.03%	0.002%
161	6.021	5.998	6.053	VV	292	5270	0.07%	0.005%
162	6.062	6.053	6.070	VV	138	1069	0.01%	0.001%
163	6.074	6.070	6.088	VV	120	982	0.01%	0.001%
164	6.110	6.088	6.151	VV	849	16904	0.21%	0.015%
165	6.155	6.151	6.161	VV	305	1641	0.02%	0.001%
166	6.167	6.161	6.183	VV	256	3165	0.04%	0.003%
167	6.195	6.183	6.202	VV	260	2341	0.03%	0.002%
168	6.231	6.202	6.244	VV	1320	18709	0.23%	0.016%
169	6.257	6.244	6.275	VV	1136	17852	0.22%	0.016%
170	6.281	6.275	6.313	VV	1086	20055	0.25%	0.018%
171	6.329	6.313	6.366	VV	809	21748	0.27%	0.019%
172	6.392	6.366	6.433	VV	721	21908	0.27%	0.019%
173	6.440	6.433	6.457	VV	390	4933	0.06%	0.004%
174	6.460	6.457	6.468	VV	361	2249	0.03%	0.002%

175	6.472	6.468	6.491	VV	381	4464	0.06%	0.004%
176	6.495	6.491	6.512	VV	312	3594	0.04%	0.003%
177	6.529	6.512	6.550	VV	673	11352	0.14%	0.010%
178	6.559	6.550	6.566	VV	512	4717	0.06%	0.004%
179	6.571	6.566	6.600	VV	574	9676	0.12%	0.008%
180	6.608	6.600	6.615	VV	426	3524	0.04%	0.003%
181	6.623	6.615	6.635	VV	426	4699	0.06%	0.004%
182	6.642	6.635	6.665	VV	443	6927	0.09%	0.006%
183	6.687	6.665	6.730	VV	730	17775	0.22%	0.016%
184	6.735	6.730	6.745	VV	300	2543	0.03%	0.002%
185	6.759	6.745	6.795	VV	463	9624	0.12%	0.008%
186	6.805	6.795	6.817	VV	264	3037	0.04%	0.003%
187	6.826	6.817	6.864	VV	309	6537	0.08%	0.006%
188	6.867	6.864	6.896	VV	169	1871	0.02%	0.002%
189	6.916	6.896	6.936	VV	174	2430	0.03%	0.002%
190	6.940	6.936	6.950	VV	87	516	0.01%	0.000%
191	6.971	6.950	7.000	VV	344	4400	0.05%	0.004%
192	7.015	7.000	7.020	PV	215	983	0.01%	0.001%
193	7.025	7.020	7.031	VV	154	816	0.01%	0.001%
194	7.034	7.031	7.038	VV	126	512	0.01%	0.000%
195	7.041	7.038	7.056	VV	128	1110	0.01%	0.001%
196	7.058	7.056	7.068	VV	131	560	0.01%	0.000%
197	7.090	7.068	7.116	VV	271	3917	0.05%	0.003%
198	7.120	7.116	7.124	VV	120	456	0.01%	0.000%
199	7.132	7.124	7.155	VV	115	1623	0.02%	0.001%
200	7.190	7.155	7.245	VV	890	24284	0.30%	0.021%
201	7.252	7.245	7.275	VV	401	5573	0.07%	0.005%
202	7.280	7.275	7.285	VV	240	1382	0.02%	0.001%
203	7.326	7.285	7.348	VV	646	15378	0.19%	0.013%
204	7.367	7.348	7.395	VV	570	11969	0.15%	0.010%
205	7.398	7.395	7.429	VV	418	5684	0.07%	0.005%
206	7.461	7.429	7.488	VV	806	13254	0.16%	0.012%
207	7.505	7.488	7.528	VV	422	7812	0.10%	0.007%
208	7.532	7.528	7.561	VV	283	3971	0.05%	0.003%
209	7.570	7.561	7.603	VV	175	3412	0.04%	0.003%
210	7.630	7.603	7.647	VV	432	6061	0.08%	0.005%
211	7.652	7.647	7.675	VV	136	1410	0.02%	0.001%
212	7.700	7.675	7.739	PV	475	8102	0.10%	0.007%
213	7.770	7.739	7.782	VV	371	5807	0.07%	0.005%
214	7.787	7.782	7.834	VV	301	6031	0.07%	0.005%
215	7.843	7.834	7.851	PV	37	230	0.00%	0.000%
216	7.869	7.851	7.891	VV	244	2504	0.03%	0.002%
217	7.915	7.891	7.952	VV	509	7455	0.09%	0.007%
218	7.957	7.952	7.968	PV	75	291	0.00%	0.000%
219	7.992	7.968	7.997	VV	122	739	0.01%	0.001%
220	8.013	7.997	8.030	VV	144	2058	0.03%	0.002%
221	8.084	8.030	8.104	VV	995	24513	0.30%	0.021%

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222	8.110	8.104	8.150	VV	661	13632	0.17%	0.012%
223	8.155	8.150	8.160	VV	440	2489	0.03%	0.002%
224	8.165	8.160	8.193	VV	503	7461	0.09%	0.007%
225	8.201	8.193	8.214	VV	414	4249	0.05%	0.004%
226	8.244	8.214	8.280	VV	726	16753	0.21%	0.015%
227	8.290	8.280	8.304	VV	241	2506	0.03%	0.002%
228	8.333	8.304	8.360	VV	626	12208	0.15%	0.011%
229	8.410	8.360	8.419	VV	688	17188	0.21%	0.015%
230	8.438	8.419	8.453	VV	964	15019	0.19%	0.013%
231	8.476	8.453	8.487	VV	949	15589	0.19%	0.014%
232	8.508	8.487	8.538	VV	1902	33354	0.41%	0.029%
233	8.574	8.538	8.607	VV	38094	449096	5.58%	0.393%
234	8.623	8.607	8.657	VV	4509	86534	1.07%	0.076%
235	8.662	8.657	8.697	VV	1689	30377	0.38%	0.027%
236	8.710	8.697	8.727	VV	1151	15740	0.20%	0.014%
237	8.746	8.727	8.815	VV	1743	39456	0.49%	0.035%
238	8.841	8.815	8.847	VV	600	7712	0.10%	0.007%
239	8.870	8.847	8.881	VV	993	16497	0.20%	0.014%
240	8.895	8.881	8.901	VV	1089	11836	0.15%	0.010%
241	8.919	8.901	8.951	VV	3871	57012	0.71%	0.050%
242	8.965	8.951	8.981	VV	1093	16890	0.21%	0.015%
243	9.001	8.981	9.021	VV	1097	23692	0.29%	0.021%
244	9.025	9.021	9.035	VV	912	7161	0.09%	0.006%
245	9.048	9.035	9.059	VV	1106	13984	0.17%	0.012%
246	9.067	9.059	9.087	VV	1183	15694	0.19%	0.014%
247	9.092	9.087	9.122	VV	608	9232	0.11%	0.008%
248	9.161	9.122	9.177	VV	1156	22122	0.27%	0.019%
249	9.202	9.177	9.219	VV	1673	28659	0.36%	0.025%
250	9.255	9.219	9.289	VV	3139	81023	1.01%	0.071%
251	9.302	9.289	9.315	VV	866	12180	0.15%	0.011%
252	9.337	9.315	9.352	VV	1901	28960	0.36%	0.025%
253	9.360	9.352	9.406	VV	1367	31266	0.39%	0.027%
254	9.426	9.406	9.460	VV	732	13295	0.17%	0.012%
255	9.464	9.460	9.468	PV	76	203	0.00%	0.000%
256	9.490	9.468	9.504	VV	571	6832	0.08%	0.006%
257	9.527	9.504	9.540	VV	577	9602	0.12%	0.008%
258	9.545	9.540	9.554	VV	486	3538	0.04%	0.003%
259	9.572	9.554	9.598	VV	701	11568	0.14%	0.010%
260	9.601	9.598	9.604	VV	242	893	0.01%	0.001%
261	9.631	9.604	9.656	VV	472	7769	0.10%	0.007%
262	9.677	9.656	9.695	VV	2050	27755	0.34%	0.024%
263	9.714	9.695	9.751	VV	3298	59510	0.74%	0.052%
264	9.758	9.751	9.764	VV	740	5458	0.07%	0.005%
265	9.784	9.764	9.820	VV	916	23467	0.29%	0.021%
266	9.843	9.820	9.851	VV	1376	17432	0.22%	0.015%
267	9.862	9.851	9.887	VV	1339	20034	0.25%	0.018%
268	9.892	9.887	9.907	VV	433	4042	0.05%	0.004%
269	9.928	9.907	9.935	VV	377	5478	0.07%	0.005%

270	9.952	9.935	9.970	VV	1433	17403	0.22%	0.015%
271	9.991	9.970	10.017	VV	596	10414	0.13%	0.009%
272	10.038	10.017	10.046	VV	1423	14673	0.18%	0.013%
273	10.056	10.046	10.078	VV	1424	18624	0.23%	0.016%
274	10.082	10.078	10.096	VV	355	3074	0.04%	0.003%
275	10.119	10.096	10.132	VV	1533	19005	0.24%	0.017%
276	10.141	10.132	10.161	VV	1124	13852	0.17%	0.012%
277	10.186	10.161	10.208	VV	1093	21890	0.27%	0.019%
278	10.223	10.208	10.248	VV	896	12826	0.16%	0.011%
279	10.277	10.248	10.330	VV	1419	28301	0.35%	0.025%
280	10.335	10.330	10.352	VV	222	1721	0.02%	0.002%
281	10.371	10.352	10.381	PV	794	8847	0.11%	0.008%
282	10.394	10.381	10.408	VV	836	9931	0.12%	0.009%
283	10.427	10.408	10.443	VV	639	9227	0.11%	0.008%
284	10.455	10.443	10.479	VV	340	4236	0.05%	0.004%
285	10.501	10.479	10.529	VV	1246	17892	0.22%	0.016%
286	10.551	10.529	10.566	PV	1078	14845	0.18%	0.013%
287	10.601	10.566	10.621	VV	1596	29584	0.37%	0.026%
288	10.647	10.621	10.685	VV	8424	106964	1.33%	0.094%
289	10.708	10.685	10.748	VV	14786	195291	2.42%	0.171%
290	10.769	10.748	10.785	VV	18100	217803	2.70%	0.191%
291	10.797	10.785	10.810	VV	10699	128223	1.59%	0.112%
292	10.838	10.810	10.872	VV	11718	260001	3.23%	0.228%
293	10.904	10.872	10.913	VV	8177	115555	1.43%	0.101%
294	10.929	10.913	10.946	VV	11273	162941	2.02%	0.143%
295	10.964	10.946	10.977	VV	15946	191783	2.38%	0.168%
296	10.982	10.977	11.005	VV	10201	103606	1.29%	0.091%
297	11.029	11.005	11.054	VV	19791	243966	3.03%	0.214%
298	11.084	11.054	11.100	VV	16101	220946	2.74%	0.194%
299	11.117	11.100	11.176	VV	39455	556589	6.91%	0.488%
300	11.197	11.176	11.225	VV	9896	136227	1.69%	0.119%
301	11.248	11.225	11.264	VV	1937	35267	0.44%	0.031%
302	11.279	11.264	11.297	VV	1666	22524	0.28%	0.020%
303	11.321	11.297	11.338	VV	1453	26550	0.33%	0.023%
304	11.344	11.338	11.357	VV	1232	12022	0.15%	0.011%
305	11.371	11.357	11.395	VV	1240	16975	0.21%	0.015%
306	11.426	11.395	11.461	VV	2595	50130	0.62%	0.044%
307	11.494	11.461	11.515	VV	1061	21005	0.26%	0.018%
308	11.535	11.515	11.543	VV	2093	22994	0.29%	0.020%
309	11.561	11.543	11.572	VV	6610	76550	0.95%	0.067%
310	11.585	11.572	11.622	VV	8804	124569	1.55%	0.109%
311	11.642	11.622	11.688	VV	7579	136546	1.70%	0.120%
312	11.690	11.688	11.696	VV	614	2737	0.03%	0.002%
313	11.720	11.696	11.735	VV	2063	29860	0.37%	0.026%
314	11.755	11.735	11.781	VV	5529	75335	0.94%	0.066%
315	11.807	11.781	11.859	VV	19808	320589	3.98%	0.281%
316	11.874	11.859	11.901	VV	4550	67178	0.83%	0.059%

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317	11.923	11.901	11.940	VV	5471	70856	0.88%	0.062%
318	11.959	11.940	11.986	VV	9524	150890	1.87%	0.132%
319	11.993	11.986	12.008	VV	1911	21263	0.26%	0.019%
320	12.037	12.008	12.059	VV	7445	121837	1.51%	0.107%
321	12.085	12.059	12.130	VV	9407	201870	2.51%	0.177%
322	12.146	12.130	12.160	VV	2777	32171	0.40%	0.028%
323	12.174	12.160	12.194	VV	2304	27255	0.34%	0.024%
324	12.232	12.194	12.243	VV	4983	70104	0.87%	0.061%
325	12.253	12.243	12.274	VV	4695	64096	0.80%	0.056%
326	12.288	12.274	12.293	VV	2428	24554	0.30%	0.022%
327	12.337	12.293	12.354	VV	6690	158860	1.97%	0.139%
328	12.371	12.354	12.386	VV	10258	134752	1.67%	0.118%
329	12.395	12.386	12.425	VV	6657	88177	1.09%	0.077%
330	12.430	12.425	12.442	VV	684	5870	0.07%	0.005%
331	12.492	12.442	12.560	VV	106130	1468166	18.23%	1.286%
332	12.591	12.560	12.621	VV	4043	94836	1.18%	0.083%
333	12.625	12.621	12.635	VV	2141	17506	0.22%	0.015%
334	12.642	12.635	12.659	VV	1790	22682	0.28%	0.020%
335	12.663	12.659	12.680	VV	1449	16193	0.20%	0.014%
336	12.693	12.680	12.709	VV	1876	25753	0.32%	0.023%
337	12.735	12.709	12.752	VV	2623	44145	0.55%	0.039%
338	12.791	12.752	12.808	VV	4530	95305	1.18%	0.083%
339	12.821	12.808	12.843	VV	4088	56378	0.70%	0.049%
340	12.873	12.843	12.915	VV	4368	112580	1.40%	0.099%
341	12.939	12.915	12.996	VV	69164	874003	10.85%	0.766%
342	13.024	12.996	13.048	VV	3022	58604	0.73%	0.051%
343	13.058	13.048	13.072	VV	1581	16646	0.21%	0.015%
344	13.088	13.072	13.104	VV	1567	24578	0.31%	0.022%
345	13.127	13.104	13.153	VV	4120	71742	0.89%	0.063%
346	13.176	13.153	13.213	VV	1692	34699	0.43%	0.030%
347	13.239	13.213	13.276	PV	59261	707535	8.78%	0.620%
348	13.297	13.276	13.315	VV	6784	91743	1.14%	0.080%
349	13.331	13.315	13.379	VV	5719	116016	1.44%	0.102%
350	13.394	13.379	13.397	VV	949	9786	0.12%	0.009%
351	13.418	13.397	13.439	VV	2795	40406	0.50%	0.035%
352	13.506	13.439	13.539	VV	25237	546217	6.78%	0.479%
353	13.560	13.539	13.579	VV	24313	362132	4.50%	0.317%
354	13.592	13.579	13.629	VV	12334	250946	3.12%	0.220%
355	13.643	13.629	13.680	VV	4398	91624	1.14%	0.080%
356	13.720	13.680	13.760	VV	19766	334723	4.16%	0.293%
357	13.764	13.760	13.776	VV	1844	17681	0.22%	0.015%
358	13.834	13.776	13.879	VV	8913	209000	2.59%	0.183%
359	13.899	13.879	13.913	VV	1237	16461	0.20%	0.014%
360	13.939	13.913	13.962	VV	5595	87127	1.08%	0.076%
361	13.982	13.962	14.000	VV	5202	84002	1.04%	0.074%
362	14.016	14.000	14.045	VV	4453	77168	0.96%	0.068%
363	14.073	14.045	14.093	VV	6953	114083	1.42%	0.100%
364	14.107	14.093	14.133	VV	4485	69760	0.87%	0.061%

365	14.152	14.133	14.175	VV	rteres 3401	48494	0.60%	0.042%
366	14.180	14.175	14.202	VV	1024	13979	0.17%	0.012%
367	14.221	14.202	14.226	VV	1586	16906	0.21%	0.015%
368	14.237	14.226	14.257	VV	1542	20566	0.26%	0.018%
369	14.288	14.257	14.300	VV	3173	52536	0.65%	0.046%
370	14.310	14.300	14.344	VV	3110	62860	0.78%	0.055%
371	14.362	14.344	14.399	VV	1867	32370	0.40%	0.028%
372	14.458	14.399	14.487	PV	17076	275112	3.42%	0.241%
373	14.507	14.487	14.527	VV	6430	122558	1.52%	0.107%
374	14.554	14.527	14.573	VV	6940	147924	1.84%	0.130%
375	14.585	14.573	14.611	VV	6865	114704	1.42%	0.100%
376	14.634	14.611	14.658	VV	8913	140156	1.74%	0.123%
377	14.672	14.658	14.688	VV	3573	53320	0.66%	0.047%
378	14.696	14.688	14.720	VV	3066	40952	0.51%	0.036%
379	14.751	14.720	14.788	VV	6628	174765	2.17%	0.153%
380	14.812	14.788	14.842	VV	7899	143620	1.78%	0.126%
381	14.863	14.842	14.880	VV	4073	65935	0.82%	0.058%
382	14.895	14.880	14.912	VV	4609	70938	0.88%	0.062%
383	14.926	14.912	14.943	VV	3220	46611	0.58%	0.041%
384	14.974	14.943	15.050	VV	92284	1328265	16.49%	1.164%
385	15.089	15.050	15.098	VV	2883	49172	0.61%	0.043%
386	15.124	15.098	15.142	VV	28412	389301	4.83%	0.341%
387	15.164	15.142	15.203	VV	39278	679366	8.43%	0.595%
388	15.223	15.203	15.262	VV	6704	110382	1.37%	0.097%
389	15.287	15.262	15.309	VV	5761	98750	1.23%	0.087%
390	15.313	15.309	15.357	VV	3347	57595	0.71%	0.050%
391	15.367	15.357	15.375	VV	1278	12242	0.15%	0.011%
392	15.383	15.375	15.413	VV	1245	15378	0.19%	0.013%
393	15.445	15.413	15.461	VV	4592	70248	0.87%	0.062%
394	15.477	15.461	15.529	VV	2920	58393	0.72%	0.051%
395	15.534	15.529	15.538	VV	119	525	0.01%	0.000%
396	15.570	15.538	15.671	PV	27987	721517	8.96%	0.632%
397	15.713	15.671	15.736	VV	8433	185239	2.30%	0.162%
398	15.765	15.736	15.788	VV	14078	233145	2.89%	0.204%
399	15.803	15.788	15.825	VV	6667	94488	1.17%	0.083%
400	15.838	15.825	15.872	VV	3161	43623	0.54%	0.038%
401	15.892	15.872	15.902	PV	771	6293	0.08%	0.006%
402	15.919	15.902	15.927	VV	1195	11916	0.15%	0.010%
403	15.968	15.927	15.991	VV	3182	82676	1.03%	0.072%
404	15.998	15.991	16.004	VV	1254	9250	0.11%	0.008%
405	16.008	16.004	16.016	VV	1441	8933	0.11%	0.008%
406	16.042	16.016	16.069	VV	1689	36183	0.45%	0.032%
407	16.095	16.069	16.101	VV	1454	18085	0.22%	0.016%
408	16.125	16.101	16.144	VV	1823	33010	0.41%	0.029%
409	16.160	16.144	16.177	VV	1758	19702	0.24%	0.017%
410	16.200	16.177	16.230	VV	7379	111956	1.39%	0.098%
411	16.235	16.230	16.240	VV	1811	10607	0.13%	0.009%

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412	16.264	16.240	16.292	VV	6746	104232	1.29%	0.091%
413	16.307	16.292	16.323	VV	1051	15303	0.19%	0.013%
414	16.331	16.323	16.347	VV	916	8120	0.10%	0.007%
415	16.351	16.347	16.357	PV	309	1059	0.01%	0.001%
416	16.394	16.357	16.422	VV	2623	57697	0.72%	0.051%
417	16.446	16.422	16.460	VV	2322	35876	0.45%	0.031%
418	16.489	16.460	16.541	VV	4300	134914	1.67%	0.118%
419	16.590	16.541	16.632	VV	19780	527376	6.55%	0.462%
420	16.646	16.632	16.662	VV	7792	122009	1.51%	0.107%
421	16.689	16.662	16.711	VV	44209	699184	8.68%	0.613%
422	16.718	16.711	16.740	VV	15153	209592	2.60%	0.184%
423	16.757	16.740	16.795	VV	12508	231804	2.88%	0.203%
424	16.825	16.795	16.868	VV	8284	184322	2.29%	0.161%
425	16.891	16.868	16.903	VV	3362	63951	0.79%	0.056%
426	16.911	16.903	16.932	VV	2988	40321	0.50%	0.035%
427	16.949	16.932	16.955	VV	3184	36194	0.45%	0.032%
428	16.975	16.955	16.988	VV	4939	80005	0.99%	0.070%
429	17.014	16.988	17.051	VV	20957	373677	4.64%	0.327%
430	17.076	17.051	17.120	VV	25903	498222	6.19%	0.436%
431	17.125	17.120	17.128	VV	6447	30532	0.38%	0.027%
432	17.150	17.128	17.163	VV	10830	180292	2.24%	0.158%
433	17.196	17.163	17.211	VV	15893	354517	4.40%	0.311%
434	17.227	17.211	17.258	VV	17584	303309	3.77%	0.266%
435	17.281	17.258	17.305	VV	8247	179354	2.23%	0.157%
436	17.335	17.305	17.355	VV	6154	160237	1.99%	0.140%
437	17.386	17.355	17.423	VV	10686	296489	3.68%	0.260%
438	17.434	17.423	17.438	VV	5786	48432	0.60%	0.042%
439	17.481	17.438	17.503	VV	8953	283314	3.52%	0.248%
440	17.530	17.503	17.578	VV	30795	869936	10.80%	0.762%
441	17.603	17.578	17.632	VV	57787	906820	11.26%	0.794%
442	17.648	17.632	17.653	VV	6780	82518	1.02%	0.072%
443	17.681	17.653	17.704	VV	9661	250208	3.11%	0.219%
444	17.715	17.704	17.731	VV	7737	111304	1.38%	0.098%
445	17.736	17.731	17.746	VV	6226	54782	0.68%	0.048%
446	17.769	17.746	17.791	VV	10044	206657	2.57%	0.181%
447	17.814	17.791	17.848	VV	9158	254970	3.17%	0.223%
448	17.875	17.848	17.904	VV	9448	257797	3.20%	0.226%
449	17.937	17.904	17.943	VV	9990	190375	2.36%	0.167%
450	17.968	17.943	17.979	VV	13357	257312	3.19%	0.225%
451	18.007	17.979	18.020	VV	16971	365814	4.54%	0.320%
452	18.040	18.020	18.063	VV	21771	450413	5.59%	0.395%
453	18.071	18.063	18.090	VV	12827	196355	2.44%	0.172%
454	18.128	18.090	18.151	VV	29039	709759	8.81%	0.622%
455	18.183	18.151	18.201	VV	24910	582374	7.23%	0.510%
456	18.216	18.201	18.241	VV	21416	451869	5.61%	0.396%
457	18.269	18.241	18.302	VV	28951	762005	9.46%	0.668%
458	18.308	18.302	18.314	VV	13651	99241	1.23%	0.087%
459	18.364	18.314	18.390	VV	64883	1435677	17.82%	1.258%

460	18.414	18.390	18.437	VV	rteres 42967	996100	12.37%	0.873%
461	18.464	18.437	18.504	VV	89810	1935027	24.02%	1.695%
462	18.514	18.504	18.525	VV	21692	270917	3.36%	0.237%
463	18.553	18.525	18.583	VV	25499	768672	9.54%	0.673%
464	18.587	18.583	18.599	VV	20237	182170	2.26%	0.160%
465	18.616	18.599	18.653	VV	19632	582601	7.23%	0.510%
466	18.659	18.653	18.678	VV	17662	251384	3.12%	0.220%
467	18.717	18.678	18.736	VV	23199	689972	8.57%	0.604%
468	18.744	18.736	18.750	VV	20366	164918	2.05%	0.144%
469	18.755	18.750	18.794	VV	19706	471352	5.85%	0.413%
470	18.871	18.794	18.926	VV	49775	2231135	27.70%	1.955%
471	18.955	18.926	18.959	VV	34476	578086	7.18%	0.506%
472	18.975	18.959	18.989	VV	42084	686517	8.52%	0.601%
473	19.004	18.989	19.060	VV	43471	1560569	19.37%	1.367%
474	19.066	19.060	19.084	VV	28004	382095	4.74%	0.335%
475	19.089	19.084	19.097	VV	25455	190835	2.37%	0.167%
476	19.101	19.097	19.111	VV	25542	212878	2.64%	0.186%
477	19.150	19.111	19.170	VV	38911	1084454	13.46%	0.950%
478	19.235	19.170	19.328	VV	244511	8055298	100.00%	7.057%
479	19.362	19.328	19.382	VV	93087	2321609	28.82%	2.034%
480	19.403	19.382	19.441	VV	121801	2715781	33.71%	2.379%
481	19.460	19.441	19.484	VV	41903	1037042	12.87%	0.909%
482	19.517	19.484	19.555	VV	116130	3305516	41.04%	2.896%
483	19.565	19.555	19.605	VV	68389	1519352	18.86%	1.331%
484	19.609	19.605	19.634	VV	34703	569805	7.07%	0.499%
485	19.685	19.634	19.701	VV	52500	1643311	20.40%	1.440%
486	19.723	19.701	19.744	VV	96912	1760005	21.85%	1.542%
487	19.766	19.744	19.793	VV	65281	1551519	19.26%	1.359%
488	19.810	19.793	19.818	VV	41407	610295	7.58%	0.535%
489	19.834	19.818	19.852	VV	45207	875979	10.87%	0.767%
490	19.858	19.852	19.898	VV	42657	1049473	13.03%	0.919%
491	19.947	19.898	19.979	VV	51035	2048589	25.43%	1.795%
492	20.007	19.979	20.053	VV	93580	2648031	32.87%	2.320%
493	20.060	20.053	20.083	VV	44427	741969	9.21%	0.650%
494	20.090	20.083	20.127	VV	39806	1000964	12.43%	0.877%
495	20.139	20.127	20.143	VV	37159	365418	4.54%	0.320%
496	20.148	20.143	20.155	VV	36745	254970	3.17%	0.223%
497	20.176	20.155	20.198	VV	38387	943876	11.72%	0.827%
498	20.203	20.198	20.211	VV	35914	274736	3.41%	0.241%
499	20.223	20.211	20.233	VV	35958	480429	5.96%	0.421%
500	20.240	20.233	20.248	VV	35854	309156	3.84%	0.271%
501	20.275	20.248	20.314	VV	51446	1690556	20.99%	1.481%
502	20.339	20.314	20.347	VV	41373	779165	9.67%	0.683%
503	20.372	20.347	20.378	VV	43022	756296	9.39%	0.663%
504	20.398	20.378	20.419	VV	43352	1040008	12.91%	0.911%
505	20.437	20.419	20.442	VV	42962	567908	7.05%	0.498%
506	20.447	20.442	20.458	VV	41927	371305	4.61%	0.325%

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507	20.464	20.458	20.479	VV	41813	530523	6.59%	0.465%
508	20.498	20.479	20.531	VV	41506	1222659	15.18%	1.071%
509	20.569	20.531	20.574	VV	41111	984936	12.23%	0.863%
510	20.585	20.574	20.598	VV	42036	591998	7.35%	0.519%
511	20.617	20.598	20.629	VV	44637	804442	9.99%	0.705%
512	20.635	20.629	20.653	VV	42800	599275	7.44%	0.525%
513	20.675	20.653	20.683	VV	44391	769334	9.55%	0.674%
514	20.704	20.683	20.729	VV	45015	1189384	14.77%	1.042%
515	20.735	20.729	20.739	VV	42982	249495	3.10%	0.219%
516	20.757	20.739	20.776	VV	43866	947735	11.77%	0.830%
517	20.796	20.776	20.833	VV	43476	1399006	17.37%	1.226%
518	20.852	20.833	20.863	VV	40376	709667	8.81%	0.622%
519	20.867	20.863	20.894	VV	40012	713033	8.85%	0.625%
520	20.916	20.894	20.964	VV	39623	1516065	18.82%	1.328%
521	20.971	20.964	20.977	VV	32634	252611	3.14%	0.221%
522	20.983	20.977	21.004	VV	32552	508054	6.31%	0.445%
523	21.010	21.004	21.014	VV	31736	188093	2.34%	0.165%
524	21.048	21.014	21.064	VV	36401	1041743	12.93%	0.913%
525	21.069	21.064	21.086	VV	35449	462175	5.74%	0.405%
526	21.090	21.086	21.093	VV	35209	157722	1.96%	0.138%
527	21.097	21.093	21.100	VV	35142	137739	1.71%	0.121%
528	21.109	21.100	21.113	VV	35135	279139	3.47%	0.245%
529	21.125	21.113	21.161	VV	36107	940159	11.67%	0.824%
530	21.173	21.161	21.243	VV	29865	1284639	15.95%	1.125%
531	21.248	21.243	21.265	VV	22239	297920	3.70%	0.261%
532	21.321	21.265	21.341	VV	25632	1049082	13.02%	0.919%
533	21.375	21.341	21.393	VV	25340	751735	9.33%	0.659%
534	21.406	21.393	21.413	VV	23881	284124	3.53%	0.249%
535	21.418	21.413	21.423	VV	23084	142298	1.77%	0.125%
536	21.443	21.423	21.448	VV	23597	333970	4.15%	0.293%
537	21.452	21.448	21.457	VV	23513	130822	1.62%	0.115%
538	21.467	21.457	21.471	VV	23974	195783	2.43%	0.172%
539	21.479	21.471	21.485	VV	24185	205701	2.55%	0.180%
540	21.491	21.485	21.523	VV	23520	503771	6.25%	0.441%
541	21.530	21.523	21.578	VV	20178	576187	7.15%	0.505%
542	21.620	21.578	21.638	VV	15863	523627	6.50%	0.459%
543	21.706	21.638	21.719	VV	15668	738165	9.16%	0.647%
544	21.732	21.719	21.738	VV	15235	166485	2.07%	0.146%
545	21.742	21.738	21.752	VV	14737	115639	1.44%	0.101%
546	21.772	21.752	21.787	VV	16404	325733	4.04%	0.285%
547	21.793	21.787	21.811	VV	16318	219886	2.73%	0.193%
548	21.819	21.811	21.834	VV	14256	182219	2.26%	0.160%
549	21.839	21.834	21.874	VV	12754	241267	3.00%	0.211%
550	21.889	21.874	21.906	VV	7882	141409	1.76%	0.124%
551	21.920	21.906	21.931	VV	7027	99639	1.24%	0.087%
552	21.966	21.931	21.972	VV	8933	184659	2.29%	0.162%
553	21.976	21.972	21.982	VV	8776	52678	0.65%	0.046%
554	22.025	21.982	22.072	VV	11579	526163	6.53%	0.461%

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555	22.080	22.072	22.092	VV	6797	75563	0.94%	0.066%
556	22.097	22.092	22.114	VV	5973	70356	0.87%	0.062%
557	22.121	22.114	22.131	VV	5297	50006	0.62%	0.044%
558	22.152	22.131	22.221	VBA	5485	235997	2.93%	0.207%
					Sum of corrected areas:	114144752		

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