

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120122\
 Data File : FG011167.D
 Signal(s) : FID1A.ch
 Acq On : 01 Dec 2022 11:57
 Sample : N5802-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG111422.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.078	2.036	2.143	VV	145572	1628885	24.26%	0.770%
2	2.150	2.143	2.162	VV	1046	11405	0.17%	0.005%
3	2.168	2.162	2.180	VV	1006	10188	0.15%	0.005%
4	2.191	2.180	2.204	VV	996	13705	0.20%	0.006%
5	2.220	2.204	2.226	VV	950	11984	0.18%	0.006%
6	2.253	2.226	2.269	VV	1104	26370	0.39%	0.012%
7	2.273	2.269	2.276	VV	1061	4044	0.06%	0.002%
8	2.291	2.276	2.340	VV	2957	64528	0.96%	0.030%
9	2.374	2.340	2.403	VV	1793	45598	0.68%	0.022%
10	2.436	2.403	2.459	VV	2106	52039	0.78%	0.025%
11	2.463	2.459	2.488	VV	1400	23115	0.34%	0.011%
12	2.493	2.488	2.502	VV	1279	10032	0.15%	0.005%
13	2.507	2.502	2.511	VV	1223	6460	0.10%	0.003%
14	2.532	2.511	2.542	VV	1314	23467	0.35%	0.011%
15	2.553	2.542	2.564	VV	1304	17146	0.26%	0.008%
16	2.568	2.564	2.593	VV	1243	20107	0.30%	0.009%
17	2.607	2.593	2.627	VV	1166	22829	0.34%	0.011%
18	2.649	2.627	2.684	VV	3168	56617	0.84%	0.027%
19	2.703	2.684	2.736	VV	1153	31256	0.47%	0.015%
20	2.765	2.736	2.817	VV	1834	60152	0.90%	0.028%
21	2.830	2.817	2.834	VV	968	9393	0.14%	0.004%
22	2.849	2.834	2.866	VV	1262	21347	0.32%	0.010%
23	2.885	2.866	2.911	VV	1466	32134	0.48%	0.015%
24	2.943	2.911	2.951	VV	1736	31903	0.48%	0.015%
25	2.978	2.951	3.012	VV	2794	64307	0.96%	0.030%
26	3.035	3.012	3.062	VV	1788	37495	0.56%	0.018%
27	3.080	3.062	3.146	VV	2089	59218	0.88%	0.028%
28	3.150	3.146	3.156	VV	827	4349	0.06%	0.002%
29	3.160	3.156	3.178	VV	791	9969	0.15%	0.005%
30	3.208	3.178	3.234	VV	1293	34532	0.51%	0.016%
31	3.247	3.234	3.281	VV	969	24288	0.36%	0.011%
32	3.290	3.281	3.295	VV	824	6564	0.10%	0.003%
33	3.304	3.295	3.322	VV	845	12383	0.18%	0.006%
34	3.340	3.322	3.368	VV	1074	24698	0.37%	0.012%
35	3.376	3.368	3.393	VV	869	12911	0.19%	0.006%
36	3.398	3.393	3.414	VV	881	10531	0.16%	0.005%

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37	3.418	3.414	3.428	VV	870	6900	0.10%	0.003%
38	3.460	3.428	3.506	VV	2036	57893	0.86%	0.027%
39	3.511	3.506	3.522	VV	975	8727	0.13%	0.004%
40	3.536	3.522	3.548	VV	1095	16263	0.24%	0.008%
41	3.579	3.548	3.610	VV	1288	41106	0.61%	0.019%
42	3.626	3.610	3.640	VV	1103	18735	0.28%	0.009%
43	3.648	3.640	3.661	VV	1047	12191	0.18%	0.006%
44	3.688	3.661	3.713	VV	1781	37681	0.56%	0.018%
45	3.731	3.713	3.751	VV	957	19551	0.29%	0.009%
46	3.794	3.751	3.812	VV	1807	41983	0.63%	0.020%
47	3.828	3.812	3.871	VV	1452	35836	0.53%	0.017%
48	3.889	3.871	3.902	VV	892	14306	0.21%	0.007%
49	3.927	3.902	3.944	VV	1191	23454	0.35%	0.011%
50	3.953	3.944	3.978	VV	862	14406	0.21%	0.007%
51	3.984	3.978	3.989	VV	652	3915	0.06%	0.002%
52	3.994	3.989	4.007	VV	646	6917	0.10%	0.003%
53	4.025	4.007	4.036	VV	783	11901	0.18%	0.006%
54	4.055	4.036	4.088	VV	832	21092	0.31%	0.010%
55	4.126	4.088	4.151	VV	5140	64648	0.96%	0.031%
56	4.182	4.151	4.216	VV	3543	61450	0.92%	0.029%
57	4.233	4.216	4.271	VV	1131	25254	0.38%	0.012%
58	4.298	4.271	4.308	VV	887	14210	0.21%	0.007%
59	4.334	4.308	4.349	VV	1946	31169	0.46%	0.015%
60	4.363	4.349	4.390	VV	2045	31480	0.47%	0.015%
61	4.395	4.390	4.414	VV	709	8764	0.13%	0.004%
62	4.433	4.414	4.449	VV	853	14120	0.21%	0.007%
63	4.458	4.449	4.478	VV	564	8605	0.13%	0.004%
64	4.497	4.478	4.517	VV	565	10849	0.16%	0.005%
65	4.538	4.517	4.560	VV	655	13350	0.20%	0.006%
66	4.596	4.560	4.624	VV	216980	2219924	33.07%	1.049%
67	4.636	4.624	4.653	VV	1329	16089	0.24%	0.008%
68	4.673	4.653	4.692	VV	865	15846	0.24%	0.007%
69	4.707	4.692	4.740	VV	734	16983	0.25%	0.008%
70	4.764	4.740	4.783	VV	2443	32470	0.48%	0.015%
71	4.793	4.783	4.814	VV	796	11952	0.18%	0.006%
72	4.826	4.814	4.853	VV	903	15377	0.23%	0.007%
73	4.864	4.853	4.871	VV	553	5623	0.08%	0.003%
74	4.883	4.871	4.895	VV	664	8184	0.12%	0.004%
75	4.911	4.895	4.931	VV	678	12145	0.18%	0.006%
76	4.961	4.931	4.987	VV	4179	55956	0.83%	0.026%
77	4.997	4.987	5.013	VV	682	9788	0.15%	0.005%
78	5.018	5.013	5.032	VV	643	6143	0.09%	0.003%
79	5.038	5.032	5.051	VV	521	5627	0.08%	0.003%
80	5.073	5.051	5.087	VV	613	10972	0.16%	0.005%
81	5.105	5.087	5.129	VV	547	11749	0.18%	0.006%
82	5.132	5.129	5.139	VV	409	2496	0.04%	0.001%
83	5.148	5.139	5.163	VV	496	5725	0.09%	0.003%
84	5.221	5.163	5.226	VV	1025	25462	0.38%	0.012%
85	5.233	5.226	5.248	VV	1117	13614	0.20%	0.006%
86	5.251	5.248	5.268	VV	999	10007	0.15%	0.005%
87	5.290	5.268	5.333	VV	1639	35212	0.52%	0.017%
88	5.344	5.333	5.375	VV	664	12072	0.18%	0.006%
89	5.391	5.375	5.395	VV	404	4474	0.07%	0.002%

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90	5.411	5.395	5.443	VV	1201	17840	0.27%	0.008%
91	5.454	5.443	5.463	VV	353	3345	0.05%	0.002%
92	5.476	5.463	5.487	VV	327	3515	0.05%	0.002%
93	5.505	5.487	5.521	VV	328	4854	0.07%	0.002%
94	5.539	5.521	5.565	VV	2273	27414	0.41%	0.013%
95	5.581	5.565	5.593	VV	412	5651	0.08%	0.003%
96	5.607	5.593	5.636	VV	674	10779	0.16%	0.005%
97	5.640	5.636	5.650	VV	222	1449	0.02%	0.001%
98	5.673	5.650	5.707	VV	583	10133	0.15%	0.005%
99	5.735	5.707	5.775	VV	1552	23827	0.35%	0.011%
100	5.790	5.775	5.805	VV	510	6711	0.10%	0.003%
101	5.813	5.805	5.817	VV	215	1485	0.02%	0.001%
102	5.837	5.817	5.882	VV	3127	49638	0.74%	0.023%
103	5.902	5.882	5.918	VV	1353	18474	0.28%	0.009%
104	5.929	5.918	5.959	VV	1291	19863	0.30%	0.009%
105	5.980	5.959	5.993	VV	1208	16512	0.25%	0.008%
106	6.000	5.993	6.018	VV	612	7099	0.11%	0.003%
107	6.045	6.018	6.055	VV	503	8581	0.13%	0.004%
108	6.063	6.055	6.084	VV	522	6763	0.10%	0.003%
109	6.111	6.084	6.135	VV	1408	20772	0.31%	0.010%
110	6.148	6.135	6.161	VV	412	4777	0.07%	0.002%
111	6.180	6.161	6.194	VV	446	6130	0.09%	0.003%
112	6.210	6.194	6.231	VV	576	7823	0.12%	0.004%
113	6.246	6.231	6.250	VV	263	1903	0.03%	0.001%
114	6.267	6.250	6.284	VV	488	7199	0.11%	0.003%
115	6.306	6.284	6.363	VV	4277	56691	0.84%	0.027%
116	6.367	6.363	6.377	VV	330	2457	0.04%	0.001%
117	6.384	6.377	6.400	VV	302	2764	0.04%	0.001%
118	6.415	6.400	6.441	VV	357	3949	0.06%	0.002%
119	6.460	6.441	6.465	PV	627	5283	0.08%	0.002%
120	6.481	6.465	6.524	VV	1935	27890	0.42%	0.013%
121	6.534	6.524	6.552	VV	426	5225	0.08%	0.002%
122	6.565	6.552	6.579	VV	426	5185	0.08%	0.002%
123	6.605	6.579	6.644	VV	2782	41652	0.62%	0.020%
124	6.656	6.644	6.699	VV	615	13353	0.20%	0.006%
125	6.714	6.699	6.724	VV	306	3453	0.05%	0.002%
126	6.767	6.724	6.823	VV	238985	2407983	35.87%	1.138%
127	6.846	6.823	6.869	VV	553	9852	0.15%	0.005%
128	6.886	6.869	6.904	VV	694	10539	0.16%	0.005%
129	6.924	6.904	6.948	VV	1519	20129	0.30%	0.010%
130	6.962	6.948	6.979	VV	363	5774	0.09%	0.003%
131	6.992	6.979	7.014	VV	443	5906	0.09%	0.003%
132	7.029	7.014	7.042	PV	503	5089	0.08%	0.002%
133	7.051	7.042	7.058	VV	396	3185	0.05%	0.002%
134	7.093	7.058	7.126	VV	467	12971	0.19%	0.006%
135	7.143	7.126	7.148	VV	213	2063	0.03%	0.001%
136	7.152	7.148	7.157	VV	230	1007	0.02%	0.000%
137	7.162	7.157	7.193	VV	257	3521	0.05%	0.002%
138	7.219	7.193	7.232	PV	1916	20471	0.30%	0.010%
139	7.246	7.232	7.258	VV	2281	25010	0.37%	0.012%
140	7.270	7.258	7.292	VV	1573	24470	0.36%	0.012%
141	7.296	7.292	7.326	VV	947	14940	0.22%	0.007%

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142	7.341	7.326	7.367	VV	840	12364	0.18%	0.006%
143	7.400	7.367	7.423	VV	1289	21383	0.32%	0.010%
144	7.440	7.423	7.454	VV	1050	12603	0.19%	0.006%
145	7.465	7.454	7.476	VV	555	6191	0.09%	0.003%
146	7.489	7.476	7.522	VV	727	11059	0.16%	0.005%
147	7.540	7.522	7.562	VV	1008	12209	0.18%	0.006%
148	7.582	7.562	7.601	VV	1510	18464	0.28%	0.009%
149	7.612	7.601	7.644	VV	628	8270	0.12%	0.004%
150	7.663	7.644	7.685	VV	422	5619	0.08%	0.003%
151	7.716	7.685	7.762	VV	4558	66129	0.99%	0.031%
152	7.776	7.762	7.816	VV	515	12068	0.18%	0.006%
153	7.847	7.816	7.864	VV	519	9974	0.15%	0.005%
154	7.885	7.864	7.908	VV	656	10151	0.15%	0.005%
155	7.921	7.908	7.936	VV	273	2925	0.04%	0.001%
156	7.962	7.936	7.991	VV	367	7015	0.10%	0.003%
157	8.008	7.991	8.035	VV	566	7758	0.12%	0.004%
158	8.058	8.035	8.074	VV	387	5138	0.08%	0.002%
159	8.084	8.074	8.108	VV	364	4734	0.07%	0.002%
160	8.139	8.108	8.162	PV	1981	35618	0.53%	0.017%
161	8.176	8.162	8.190	VV	1184	14281	0.21%	0.007%
162	8.200	8.190	8.225	VV	1022	11673	0.17%	0.006%
163	8.245	8.225	8.267	PV	875	11320	0.17%	0.005%
164	8.292	8.267	8.319	VV	1588	25207	0.38%	0.012%
165	8.347	8.319	8.360	VV	1101	16620	0.25%	0.008%
166	8.372	8.360	8.386	VV	625	7658	0.11%	0.004%
167	8.416	8.386	8.442	VV	2149	33050	0.49%	0.016%
168	8.489	8.442	8.508	VV	2535	45577	0.68%	0.022%
169	8.518	8.508	8.534	VV	1259	14509	0.22%	0.007%
170	8.600	8.534	8.630	VV	241692	2556953	38.09%	1.208%
171	8.642	8.630	8.659	VV	626	9206	0.14%	0.004%
172	8.707	8.659	8.742	VV	4641	77126	1.15%	0.036%
173	8.761	8.742	8.783	VV	1231	20033	0.30%	0.009%
174	8.798	8.783	8.816	VV	508	5955	0.09%	0.003%
175	8.868	8.816	8.881	VV	712	9944	0.15%	0.005%
176	8.888	8.881	8.910	VV	327	3652	0.05%	0.002%
177	8.930	8.910	8.938	PV	418	4152	0.06%	0.002%
178	8.960	8.938	8.976	VV	2130	27389	0.41%	0.013%
179	9.002	8.976	9.024	VV	15000	191904	2.86%	0.091%
180	9.035	9.024	9.051	VV	2832	34886	0.52%	0.016%
181	9.070	9.051	9.088	VV	2188	34340	0.51%	0.016%
182	9.096	9.088	9.111	VV	969	11310	0.17%	0.005%
183	9.138	9.111	9.157	VV	1580	28012	0.42%	0.013%
184	9.165	9.157	9.178	VV	735	7939	0.12%	0.004%
185	9.206	9.178	9.219	VV	2579	36925	0.55%	0.017%
186	9.224	9.219	9.238	VV	1663	15986	0.24%	0.008%
187	9.248	9.238	9.263	VV	1189	13987	0.21%	0.007%
188	9.280	9.263	9.304	VV	3549	39301	0.59%	0.019%
189	9.342	9.304	9.392	VV	2353	47281	0.70%	0.022%
190	9.428	9.392	9.447	VV	3233	47862	0.71%	0.023%
191	9.460	9.447	9.471	VV	1943	23569	0.35%	0.011%
192	9.475	9.471	9.506	VV	1688	23904	0.36%	0.011%
193	9.525	9.506	9.545	VV	827	12605	0.19%	0.006%
194	9.574	9.545	9.593	PV	693	9492	0.14%	0.004%

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195	9.610	9.593	9.647	VV	590	12905	0.19%	0.006%
196	9.661	9.647	9.678	VV	538	5818	0.09%	0.003%
197	9.690	9.678	9.700	VV	198	2234	0.03%	0.001%
198	9.715	9.700	9.728	VV	537	5720	0.09%	0.003%
199	9.752	9.728	9.774	VV	7276	81729	1.22%	0.039%
200	9.795	9.774	9.833	VV	9470	118902	1.77%	0.056%
201	9.848	9.833	9.863	VV	926	12363	0.18%	0.006%
202	9.879	9.863	9.906	VV	1238	21437	0.32%	0.010%
203	9.922	9.906	9.930	VV	1028	11682	0.17%	0.006%
204	9.947	9.930	9.968	VV	2754	37086	0.55%	0.018%
205	9.990	9.968	10.024	VV	3522	56266	0.84%	0.027%
206	10.030	10.024	10.046	VV	769	9104	0.14%	0.004%
207	10.080	10.046	10.107	VV	300023	3122703	46.51%	1.475%
208	10.124	10.107	10.135	VV	3589	44756	0.67%	0.021%
209	10.144	10.135	10.172	VV	3209	41290	0.62%	0.020%
210	10.211	10.172	10.264	VV	231827	2582667	38.47%	1.220%
211	10.288	10.264	10.305	VV	784	11710	0.17%	0.006%
212	10.317	10.305	10.337	VV	673	7101	0.11%	0.003%
213	10.365	10.337	10.407	VV	1355	28128	0.42%	0.013%
214	10.412	10.407	10.418	VV	191	906	0.01%	0.000%
215	10.425	10.418	10.433	VV	134	790	0.01%	0.000%
216	10.470	10.433	10.478	PV	258	4284	0.06%	0.002%
217	10.505	10.478	10.525	VV	1042	13286	0.20%	0.006%
218	10.552	10.525	10.583	PV	25417	262785	3.91%	0.124%
219	10.601	10.583	10.620	VV	1546	20484	0.31%	0.010%
220	10.650	10.620	10.669	VV	3159	49219	0.73%	0.023%
221	10.684	10.669	10.708	VV	2436	29489	0.44%	0.014%
222	10.755	10.708	10.781	PV	2813	54471	0.81%	0.026%
223	10.801	10.781	10.810	VV	1983	22915	0.34%	0.011%
224	10.815	10.810	10.832	VV	1998	21274	0.32%	0.010%
225	10.852	10.832	10.873	VV	5961	70725	1.05%	0.033%
226	10.880	10.873	10.889	VV	1287	10925	0.16%	0.005%
227	10.907	10.889	10.936	VV	2601	51177	0.76%	0.024%
228	10.955	10.936	10.963	VV	2795	34209	0.51%	0.016%
229	10.971	10.963	10.986	VV	2545	27796	0.41%	0.013%
230	11.008	10.986	11.035	VV	5492	97019	1.45%	0.046%
231	11.052	11.035	11.088	VV	4360	65681	0.98%	0.031%
232	11.120	11.088	11.139	VV	3074	56948	0.85%	0.027%
233	11.173	11.139	11.180	VV	2162	25848	0.39%	0.012%
234	11.206	11.180	11.253	VV	119346	1361018	20.27%	0.643%
235	11.280	11.253	11.300	VV	24048	261812	3.90%	0.124%
236	11.308	11.300	11.341	VV	2866	37280	0.56%	0.018%
237	11.350	11.341	11.365	VV	832	9544	0.14%	0.005%
238	11.380	11.365	11.396	VV	1035	12326	0.18%	0.006%
239	11.407	11.396	11.418	VV	358	3142	0.05%	0.001%
240	11.456	11.418	11.474	PV	2649	39138	0.58%	0.018%
241	11.493	11.474	11.533	VV	11599	143432	2.14%	0.068%
242	11.553	11.533	11.569	VV	538	7046	0.10%	0.003%
243	11.591	11.569	11.608	VV	2056	29909	0.45%	0.014%
244	11.660	11.608	11.698	VV	224936	2678790	39.90%	1.266%
245	11.728	11.698	11.738	VV	4875	71904	1.07%	0.034%
246	11.744	11.738	11.786	VV	4177	55970	0.83%	0.026%

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247	11.811	11.786	11.833	VV	1218	17144	0.26%	0.008%
248	11.855	11.833	11.882	VV	2105	28784	0.43%	0.014%
249	11.911	11.882	11.939	PV	5213	72917	1.09%	0.034%
250	11.964	11.939	11.986	VV	1554	25319	0.38%	0.012%
251	12.011	11.986	12.026	VV	10877	118269	1.76%	0.056%
252	12.042	12.026	12.062	VV	14482	161748	2.41%	0.076%
253	12.075	12.062	12.090	VV	2531	28967	0.43%	0.014%
254	12.127	12.090	12.145	VV	15728	224802	3.35%	0.106%
255	12.160	12.145	12.173	VV	6260	74672	1.11%	0.035%
256	12.190	12.173	12.220	VV	9094	118908	1.77%	0.056%
257	12.232	12.220	12.245	VV	785	7838	0.12%	0.004%
258	12.270	12.245	12.292	VV	1737	25798	0.38%	0.012%
259	12.332	12.292	12.345	VV	3629	72920	1.09%	0.034%
260	12.365	12.345	12.389	VV	16467	192969	2.87%	0.091%
261	12.425	12.389	12.457	VV	7345	136729	2.04%	0.065%
262	12.484	12.457	12.507	VV	11904	148738	2.22%	0.070%
263	12.516	12.507	12.527	VV	1278	13454	0.20%	0.006%
264	12.543	12.527	12.549	VV	1426	17356	0.26%	0.008%
265	12.586	12.549	12.619	VV	157208	2039673	30.38%	0.964%
266	12.635	12.619	12.652	VV	3818	56158	0.84%	0.027%
267	12.665	12.652	12.680	VV	1967	26735	0.40%	0.013%
268	12.712	12.680	12.720	VV	1493	29076	0.43%	0.014%
269	12.737	12.720	12.777	VV	2609	55270	0.82%	0.026%
270	12.803	12.777	12.808	VV	3442	32988	0.49%	0.016%
271	12.822	12.808	12.843	VV	4509	62187	0.93%	0.029%
272	12.863	12.843	12.895	VV	8811	122915	1.83%	0.058%
273	12.915	12.895	12.934	VV	7255	97013	1.45%	0.046%
274	12.973	12.934	13.002	VV	219221	2608411	38.85%	1.232%
275	13.032	13.002	13.074	VV	191425	2188516	32.60%	1.034%
276	13.094	13.074	13.113	VV	2651	34976	0.52%	0.017%
277	13.124	13.113	13.140	VV	898	12077	0.18%	0.006%
278	13.170	13.140	13.177	VV	2380	31602	0.47%	0.015%
279	13.217	13.177	13.266	VV	7477	233962	3.48%	0.111%
280	13.270	13.266	13.299	VV	1678	25533	0.38%	0.012%
281	13.332	13.299	13.356	VV	157627	1704006	25.38%	0.805%
282	13.385	13.356	13.402	VV	18454	257947	3.84%	0.122%
283	13.417	13.402	13.451	VV	16116	190140	2.83%	0.090%
284	13.471	13.451	13.483	PV	1283	15390	0.23%	0.007%
285	13.504	13.483	13.514	VV	5423	61459	0.92%	0.029%
286	13.529	13.514	13.558	VV	7283	100499	1.50%	0.047%
287	13.598	13.558	13.628	PV	34378	464082	6.91%	0.219%
288	13.651	13.628	13.698	VV	16892	344261	5.13%	0.163%
289	13.728	13.698	13.748	VV	5409	89462	1.33%	0.042%
290	13.759	13.748	13.765	VV	1171	10879	0.16%	0.005%
291	13.816	13.765	13.871	VV	70432	1022368	15.23%	0.483%
292	13.874	13.871	13.879	VV	1042	4927	0.07%	0.002%
293	13.920	13.879	13.956	VV	22543	336011	5.00%	0.159%
294	13.991	13.956	14.004	PV	2194	32161	0.48%	0.015%
295	14.030	14.004	14.050	VV	13248	183594	2.73%	0.087%
296	14.068	14.050	14.089	VV	10083	121616	1.81%	0.057%
297	14.113	14.089	14.142	VV	5873	109925	1.64%	0.052%
298	14.176	14.142	14.219	VV	205660	2689893	40.07%	1.271%
299	14.239	14.219	14.276	VV	7633	119696	1.78%	0.057%

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300	14.313	14.276	14.332	VV	3547	69472	1.03%	0.033%
301	14.350	14.332	14.370	VV	2020	32346	0.48%	0.015%
302	14.403	14.370	14.431	VV	2242	61438	0.92%	0.029%
303	14.438	14.431	14.443	VV	1058	6695	0.10%	0.003%
304	14.447	14.443	14.453	VV	999	5644	0.08%	0.003%
305	14.457	14.453	14.489	VV	1021	13569	0.20%	0.006%
306	14.504	14.489	14.513	VV	410	2979	0.04%	0.001%
307	14.563	14.513	14.583	PV	3952	62229	0.93%	0.029%
308	14.617	14.583	14.628	VV	3687	71789	1.07%	0.034%
309	14.655	14.628	14.708	VV	13143	199720	2.97%	0.094%
310	14.739	14.708	14.786	VV	8831	185907	2.77%	0.088%
311	14.837	14.786	14.874	VV	12101	246553	3.67%	0.116%
312	14.901	14.874	14.923	VV	19117	246320	3.67%	0.116%
313	14.958	14.923	14.987	VV	20943	321621	4.79%	0.152%
314	14.991	14.987	14.995	PV	336	873	0.01%	0.000%
315	15.027	14.995	15.038	PV	2197	32107	0.48%	0.015%
316	15.078	15.038	15.123	VV	143280	1958820	29.18%	0.925%
317	15.125	15.123	15.136	VV	501	2482	0.04%	0.001%
318	15.165	15.136	15.183	VV	5479	65983	0.98%	0.031%
319	15.214	15.183	15.234	VV	83326	969264	14.44%	0.458%
320	15.257	15.234	15.266	VV	96426	1082344	16.12%	0.511%
321	15.282	15.266	15.318	VV	197183	2570769	38.29%	1.215%
322	15.328	15.318	15.341	VV	2060	21922	0.33%	0.010%
323	15.376	15.341	15.403	VV	17073	264566	3.94%	0.125%
324	15.419	15.403	15.433	VV	3809	52672	0.78%	0.025%
325	15.454	15.433	15.481	VV	6766	96451	1.44%	0.046%
326	15.514	15.481	15.538	PV	7461	117664	1.75%	0.056%
327	15.556	15.538	15.561	VV	5289	57753	0.86%	0.027%
328	15.571	15.561	15.598	VV	5507	71355	1.06%	0.034%
329	15.660	15.598	15.692	VV	66065	937694	13.97%	0.443%
330	15.713	15.692	15.750	VV	11690	191586	2.85%	0.091%
331	15.757	15.750	15.769	VV	1492	13336	0.20%	0.006%
332	15.801	15.769	15.834	VV	23751	403776	6.01%	0.191%
333	15.887	15.834	15.911	VV	18967	374317	5.58%	0.177%
334	15.927	15.911	15.944	VV	7111	81681	1.22%	0.039%
335	15.971	15.944	15.990	VV	3496	62745	0.93%	0.030%
336	16.020	15.990	16.039	VV	11665	235517	3.51%	0.111%
337	16.050	16.039	16.088	VV	10150	168284	2.51%	0.080%
338	16.129	16.088	16.157	VV	5332	101376	1.51%	0.048%
339	16.181	16.157	16.198	PV	3342	45453	0.68%	0.021%
340	16.217	16.198	16.227	VV	3208	40190	0.60%	0.019%
341	16.242	16.227	16.268	VV	5730	72311	1.08%	0.034%
342	16.308	16.268	16.346	VV	191713	2449529	36.49%	1.157%
343	16.363	16.346	16.367	VV	2833	29344	0.44%	0.014%
344	16.374	16.367	16.387	VV	2787	23471	0.35%	0.011%
345	16.421	16.387	16.442	VV	3546	59970	0.89%	0.028%
346	16.503	16.442	16.542	PV	6963	177434	2.64%	0.084%
347	16.562	16.542	16.578	VV	5731	77427	1.15%	0.037%
348	16.610	16.578	16.642	VV	8712	178509	2.66%	0.084%
349	16.645	16.642	16.649	VV	2651	9968	0.15%	0.005%
350	16.677	16.649	16.731	VV	18593	393458	5.86%	0.186%
351	16.779	16.731	16.797	PV	86655	1268475	18.89%	0.599%

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352	16.804	16.797	16.838	VV	38591	408399	6.08%	0.193%
353	16.909	16.838	16.958	PV	17685	442486	6.59%	0.209%
354	16.965	16.958	16.980	VV	5242	59441	0.89%	0.028%
355	17.001	16.980	17.018	VV	11262	174449	2.60%	0.082%
356	17.033	17.018	17.037	VV	6664	73925	1.10%	0.035%
357	17.101	17.037	17.127	VV	54958	981140	14.61%	0.464%
358	17.158	17.127	17.198	VV	64523	945838	14.09%	0.447%
359	17.261	17.198	17.288	VV	187043	2721194	40.53%	1.286%
360	17.309	17.288	17.322	VV	15679	267009	3.98%	0.126%
361	17.336	17.322	17.365	VV	15666	292190	4.35%	0.138%
362	17.395	17.365	17.435	VV	8459	264178	3.94%	0.125%
363	17.471	17.435	17.483	VV	7536	166283	2.48%	0.079%
364	17.505	17.483	17.510	VV	9204	121902	1.82%	0.058%
365	17.531	17.510	17.549	VV	11771	212886	3.17%	0.101%
366	17.564	17.549	17.574	VV	7687	96451	1.44%	0.046%
367	17.582	17.574	17.599	VV	6601	86472	1.29%	0.041%
368	17.622	17.599	17.644	VV	17952	308114	4.59%	0.146%
369	17.656	17.644	17.673	VV	11707	173049	2.58%	0.082%
370	17.710	17.673	17.730	VV	15790	391818	5.84%	0.185%
371	17.746	17.730	17.775	VV	9694	229315	3.42%	0.108%
372	17.799	17.775	17.803	VV	9905	143402	2.14%	0.068%
373	17.825	17.803	17.868	VV	14342	411396	6.13%	0.194%
374	17.891	17.868	17.906	VV	10031	192676	2.87%	0.091%
375	17.919	17.906	17.927	VV	12780	137375	2.05%	0.065%
376	17.934	17.927	17.939	VV	12473	84775	1.26%	0.040%
377	17.945	17.939	17.967	VV	11136	149330	2.22%	0.071%
378	18.009	17.967	18.029	VV	9863	259507	3.87%	0.123%
379	18.034	18.029	18.036	VV	7160	30075	0.45%	0.014%
380	18.052	18.036	18.089	VV	13135	349041	5.20%	0.165%
381	18.153	18.089	18.188	VV	175773	2919591	43.49%	1.379%
382	18.207	18.188	18.211	VV	9887	115075	1.71%	0.054%
383	18.238	18.211	18.249	VV	13086	249954	3.72%	0.118%
384	18.259	18.249	18.275	VV	15049	203360	3.03%	0.096%
385	18.298	18.275	18.314	VV	21000	401137	5.98%	0.190%
386	18.330	18.314	18.346	VV	19769	343663	5.12%	0.162%
387	18.359	18.346	18.369	VV	17097	219647	3.27%	0.104%
388	18.381	18.369	18.407	VV	19423	372588	5.55%	0.176%
389	18.442	18.407	18.459	VV	27767	592765	8.83%	0.280%
390	18.474	18.459	18.483	VV	22095	299392	4.46%	0.141%
391	18.509	18.483	18.517	VV	52043	783652	11.67%	0.370%
392	18.532	18.517	18.557	VV	71132	1198428	17.85%	0.566%
393	18.574	18.557	18.603	VV	38455	770111	11.47%	0.364%
394	18.621	18.603	18.639	VV	23166	419125	6.24%	0.198%
395	18.669	18.639	18.686	VV	39148	798477	11.89%	0.377%
396	18.698	18.686	18.727	VV	33134	655108	9.76%	0.309%
397	18.737	18.727	18.759	VV	21490	361409	5.38%	0.171%
398	18.790	18.759	18.812	VV	73377	1226764	18.27%	0.580%
399	18.831	18.812	18.836	VV	22065	293163	4.37%	0.139%
400	18.842	18.836	18.848	VV	22116	151049	2.25%	0.071%
401	18.855	18.848	18.860	VV	22530	164886	2.46%	0.078%
402	18.877	18.860	18.896	VV	27572	530259	7.90%	0.251%
403	18.922	18.896	18.947	VV	32326	806185	12.01%	0.381%
404	18.988	18.947	19.021	VV	187155	3452426	51.43%	1.631%

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405	19.028	19.021	19.040	VV	29086	304977	4.54%	0.144%
406	19.052	19.040	19.064	VV	30514	396385	5.90%	0.187%
407	19.091	19.064	19.095	VV	38549	616481	9.18%	0.291%
408	19.103	19.095	19.122	VV	38354	584736	8.71%	0.276%
409	19.144	19.122	19.166	VV	39366	927840	13.82%	0.438%
410	19.170	19.166	19.180	VV	31716	241087	3.59%	0.114%
411	19.200	19.180	19.204	VV	34243	468105	6.97%	0.221%
412	19.212	19.204	19.220	VV	33758	315757	4.70%	0.149%
413	19.232	19.220	19.239	VV	34265	351242	5.23%	0.166%
414	19.265	19.239	19.279	VV	37963	826798	12.32%	0.391%
415	19.307	19.279	19.313	VV	40289	753100	11.22%	0.356%
416	19.339	19.313	19.370	VV	69343	1770462	26.37%	0.836%
417	19.392	19.370	19.412	VV	50088	1164206	17.34%	0.550%
418	19.425	19.412	19.434	VV	43337	554503	8.26%	0.262%
419	19.440	19.434	19.446	VV	43029	319196	4.75%	0.151%
420	19.483	19.446	19.500	VV	53270	1564257	23.30%	0.739%
421	19.513	19.500	19.543	VV	51664	1223158	18.22%	0.578%
422	19.595	19.543	19.611	VV	57262	2066172	30.78%	0.976%
423	19.623	19.611	19.626	VV	53597	490099	7.30%	0.232%
424	19.637	19.626	19.660	VV	58096	1090923	16.25%	0.515%
425	19.687	19.660	19.706	VV	56372	1462060	21.78%	0.691%
426	19.713	19.706	19.729	VV	52218	692773	10.32%	0.327%
427	19.739	19.729	19.744	VV	53040	462421	6.89%	0.218%
428	19.777	19.744	19.821	VV	227790	5022952	74.82%	2.373%
429	19.837	19.821	19.860	VV	62679	1430062	21.30%	0.676%
430	19.883	19.860	19.904	VV	70268	1667017	24.83%	0.788%
431	19.913	19.904	19.921	VV	60521	603096	8.98%	0.285%
432	19.957	19.921	19.975	VV	82742	2330499	34.71%	1.101%
433	19.989	19.975	20.000	VV	67255	987587	14.71%	0.467%
434	20.021	20.000	20.055	VV	84336	2505659	37.32%	1.184%
435	20.063	20.055	20.069	VV	69182	541336	8.06%	0.256%
436	20.131	20.069	20.150	VV	79092	3538058	52.70%	1.672%
437	20.156	20.150	20.185	VV	76580	1598006	23.80%	0.755%
438	20.202	20.185	20.223	VV	78516	1685011	25.10%	0.796%
439	20.236	20.223	20.254	VV	75209	1356603	20.21%	0.641%
440	20.277	20.254	20.285	VV	82066	1476079	21.99%	0.697%
441	20.290	20.285	20.303	VV	79444	821246	12.23%	0.388%
442	20.334	20.303	20.363	VV	102650	3259536	48.55%	1.540%
443	20.401	20.363	20.420	VV	101872	3158456	47.05%	1.492%
444	20.426	20.420	20.439	VV	94034	1039007	15.48%	0.491%
445	20.445	20.439	20.452	VV	86440	661199	9.85%	0.312%
446	20.472	20.452	20.483	VV	96980	1660139	24.73%	0.784%
447	20.519	20.483	20.550	VV	282789	6627462	98.72%	3.131%
448	20.565	20.550	20.582	VV	99325	1853454	27.61%	0.876%
449	20.603	20.582	20.622	VV	99431	2242465	33.40%	1.059%
450	20.640	20.622	20.657	VV	99657	2066137	30.78%	0.976%
451	20.686	20.657	20.713	VV	118999	3528136	52.55%	1.667%
452	20.727	20.713	20.738	VV	99700	1473897	21.95%	0.696%
453	20.744	20.738	20.759	VV	99555	1189416	17.72%	0.562%
454	20.763	20.759	20.776	VV	95177	963584	14.35%	0.455%
455	20.799	20.776	20.808	VV	94719	1790651	26.67%	0.846%
456	20.829	20.808	20.855	VV	100488	2699435	40.21%	1.275%

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457	20.870	20.855	20.895	VV	95894	2230368	33.22%	1.054%
458	20.911	20.895	20.917	VV	95302	1242521	18.51%	0.587%
459	20.935	20.917	20.971	VV	100968	3054403	45.50%	1.443%
460	20.987	20.971	21.004	VV	94303	1806947	26.92%	0.854%
461	21.012	21.004	21.017	VV	90496	686296	10.22%	0.324%
462	21.025	21.017	21.033	VV	90488	868045	12.93%	0.410%
463	21.039	21.033	21.101	VV	87370	3102635	46.21%	1.466%
464	21.112	21.101	21.119	VV	67746	720411	10.73%	0.340%
465	21.124	21.119	21.128	VV	66440	362463	5.40%	0.171%
466	21.139	21.128	21.152	VV	66042	935533	13.94%	0.442%
467	21.191	21.152	21.201	VV	70281	1930358	28.75%	0.912%
468	21.207	21.201	21.215	VV	70909	581334	8.66%	0.275%
469	21.222	21.215	21.233	VV	70087	753293	11.22%	0.356%
470	21.280	21.233	21.324	VV	237793	6713512	100.00%	3.172%
471	21.329	21.324	21.339	VV	69878	603923	9.00%	0.285%
472	21.349	21.339	21.359	VV	71128	832855	12.41%	0.393%
473	21.366	21.359	21.389	VV	70550	1200651	17.88%	0.567%
474	21.393	21.389	21.416	VV	66592	987303	14.71%	0.466%
475	21.421	21.416	21.464	VV	55833	1435403	21.38%	0.678%
476	21.487	21.464	21.491	VV	49721	779557	11.61%	0.368%
477	21.498	21.491	21.518	VV	51097	775017	11.54%	0.366%
478	21.522	21.518	21.550	VV	48012	855223	12.74%	0.404%
479	21.557	21.550	21.562	VV	43277	311168	4.63%	0.147%
480	21.573	21.562	21.584	VV	42845	545733	8.13%	0.258%
481	21.588	21.584	21.600	VV	40745	392879	5.85%	0.186%
482	21.604	21.600	21.608	VV	40021	174024	2.59%	0.082%
483	21.640	21.608	21.647	VV	46107	982014	14.63%	0.464%
484	21.664	21.647	21.690	VV	48562	1163403	17.33%	0.550%
485	21.707	21.690	21.718	VV	44425	735337	10.95%	0.347%
486	21.731	21.718	21.737	VV	46205	498163	7.42%	0.235%
487	21.742	21.737	21.751	VV	44510	358796	5.34%	0.170%
488	21.763	21.751	21.799	VV	46408	1214568	18.09%	0.574%
489	21.809	21.799	21.813	VV	41348	347532	5.18%	0.164%
490	21.825	21.813	21.855	VV	40930	956457	14.25%	0.452%
491	21.869	21.855	21.893	VV	36296	721144	10.74%	0.341%
492	21.903	21.893	21.911	VV	28020	288465	4.30%	0.136%
493	21.916	21.911	21.946	VV	25167	425193	6.33%	0.201%
494	21.979	21.946	22.005	VV	21529	709258	10.56%	0.335%
495	22.017	22.005	22.039	VV	20593	373013	5.56%	0.176%
496	22.071	22.039	22.126	VV	21634	807084	12.02%	0.381%
497	22.163	22.126	22.171	VV	17216	288948	4.30%	0.137%
498	22.176	22.171	22.179	VV	15573	68585	1.02%	0.032%
499	22.234	22.179	22.300	VBA	146476	4233799	63.06%	2.000%
					Sum of corrected areas:		211667118	

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