

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042522\
 Data File : FG009658.D
 Signal(s) : FID1A.ch
 Acq On : 25 Apr 2022 15:21
 Sample : N2549-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG040122.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.024	1.998	2.049	BV	999	22368	0.71%	0.047%
2	2.052	2.049	2.058	VV	767	4150	0.13%	0.009%
3	2.065	2.058	2.071	VV	721	5238	0.17%	0.011%
4	2.093	2.071	2.110	VV	940	18319	0.58%	0.038%
5	2.127	2.110	2.139	VV	755	11609	0.37%	0.024%
6	2.154	2.139	2.181	VV	1252	21536	0.69%	0.045%
7	2.199	2.181	2.208	VV	704	10916	0.35%	0.023%
8	2.220	2.208	2.253	VV	732	18285	0.58%	0.038%
9	2.258	2.253	2.264	VV	673	4031	0.13%	0.008%
10	2.292	2.264	2.321	VV	1426	29652	0.95%	0.062%
11	2.334	2.321	2.338	VV	807	7486	0.24%	0.016%
12	2.352	2.338	2.362	VV	760	10099	0.32%	0.021%
13	2.371	2.362	2.377	VV	633	5684	0.18%	0.012%
14	2.401	2.377	2.411	VV	758	13556	0.43%	0.028%
15	2.433	2.411	2.458	VV	834	20831	0.66%	0.043%
16	2.465	2.458	2.479	VV	737	8380	0.27%	0.017%
17	2.497	2.479	2.530	VV	881	21742	0.69%	0.045%
18	2.576	2.530	2.593	VV	1457	30542	0.97%	0.064%
19	2.615	2.593	2.648	VV	821	22918	0.73%	0.048%
20	2.665	2.648	2.681	VV	780	14121	0.45%	0.029%
21	2.686	2.681	2.691	VV	708	4045	0.13%	0.008%
22	2.700	2.691	2.715	VV	702	9588	0.31%	0.020%
23	2.733	2.715	2.748	VV	760	13928	0.44%	0.029%
24	2.778	2.748	2.795	VV	929	22266	0.71%	0.046%
25	2.799	2.795	2.811	VV	753	6939	0.22%	0.014%
26	2.817	2.811	2.821	VV	694	4382	0.14%	0.009%
27	2.839	2.821	2.855	VV	788	14808	0.47%	0.031%
28	2.860	2.855	2.878	VV	775	10236	0.33%	0.021%
29	2.898	2.878	2.921	VV	807	19453	0.62%	0.041%
30	2.926	2.921	2.937	VV	751	6576	0.21%	0.014%
31	2.940	2.937	2.962	VV	751	10460	0.33%	0.022%
32	2.983	2.962	2.996	VV	812	14991	0.48%	0.031%
33	2.997	2.996	3.010	VV	750	6073	0.19%	0.013%
34	3.028	3.010	3.058	VV	978	23469	0.75%	0.049%
35	3.065	3.058	3.083	VV	717	10173	0.32%	0.021%
36	3.087	3.083	3.092	VV	630	3237	0.10%	0.007%

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37	3.097	3.092	3.101	VV	658	3297	0.11%	0.007%
38	3.116	3.101	3.144	VV	1245	23352	0.75%	0.049%
39	3.150	3.144	3.154	VV	643	3695	0.12%	0.008%
40	3.165	3.154	3.185	VV	738	12365	0.39%	0.026%
41	3.189	3.185	3.193	VV	640	2740	0.09%	0.006%
42	3.203	3.193	3.211	VV	757	7898	0.25%	0.016%
43	3.233	3.211	3.249	VV	1049	18658	0.60%	0.039%
44	3.268	3.249	3.304	VV	707	19602	0.63%	0.041%
45	3.319	3.304	3.323	VV	622	6483	0.21%	0.013%
46	3.339	3.323	3.357	VV	631	12066	0.39%	0.025%
47	3.375	3.357	3.389	VV	822	13514	0.43%	0.028%
48	3.403	3.389	3.423	VV	1053	15374	0.49%	0.032%
49	3.430	3.423	3.456	VV	636	11343	0.36%	0.024%
50	3.468	3.456	3.493	VV	647	12702	0.41%	0.026%
51	3.508	3.493	3.527	VV	648	11516	0.37%	0.024%
52	3.537	3.527	3.551	VV	564	7673	0.24%	0.016%
53	3.564	3.551	3.601	VV	641	16629	0.53%	0.035%
54	3.613	3.601	3.640	VV	563	11271	0.36%	0.023%
55	3.645	3.640	3.651	VV	468	2961	0.09%	0.006%
56	3.670	3.651	3.674	VV	507	5980	0.19%	0.012%
57	3.694	3.674	3.708	VV	825	13099	0.42%	0.027%
58	3.718	3.708	3.749	VV	797	13663	0.44%	0.028%
59	3.754	3.749	3.761	VV	464	2929	0.09%	0.006%
60	3.774	3.761	3.799	VV	484	9845	0.31%	0.020%
61	3.812	3.799	3.817	VV	422	4419	0.14%	0.009%
62	3.830	3.817	3.847	VV	478	7715	0.25%	0.016%
63	3.854	3.847	3.864	VV	459	4138	0.13%	0.009%
64	3.869	3.864	3.883	VV	406	4309	0.14%	0.009%
65	3.915	3.883	3.969	VV	1212	30710	0.98%	0.064%
66	4.008	3.969	4.032	VV	655	16927	0.54%	0.035%
67	4.066	4.032	4.110	VV	1218	31741	1.01%	0.066%
68	4.141	4.110	4.158	VV	641	14723	0.47%	0.031%
69	4.171	4.158	4.191	VV	752	11816	0.38%	0.025%
70	4.228	4.191	4.238	VV	706	15997	0.51%	0.033%
71	4.242	4.238	4.255	VV	636	5683	0.18%	0.012%
72	4.275	4.255	4.298	VV	736	15525	0.50%	0.032%
73	4.322	4.298	4.348	VV	693	16878	0.54%	0.035%
74	4.381	4.348	4.401	VV	622	16760	0.53%	0.035%
75	4.424	4.401	4.438	VV	577	11717	0.37%	0.024%
76	4.442	4.438	4.446	VV	546	2378	0.08%	0.005%
77	4.464	4.446	4.476	VV	761	11642	0.37%	0.024%
78	4.494	4.476	4.516	VV	667	14564	0.46%	0.030%
79	4.521	4.516	4.530	VV	596	4849	0.15%	0.010%
80	4.536	4.530	4.557	VV	599	8470	0.27%	0.018%
81	4.576	4.557	4.588	VV	704	11165	0.36%	0.023%
82	4.603	4.588	4.628	VV	955	15724	0.50%	0.033%
83	4.653	4.628	4.658	VV	496	7866	0.25%	0.016%
84	4.672	4.658	4.686	VV	612	8451	0.27%	0.018%
85	4.701	4.686	4.719	VV	673	9621	0.31%	0.020%
86	4.746	4.719	4.773	VV	762	14986	0.48%	0.031%
87	4.778	4.773	4.783	VV	341	1763	0.06%	0.004%
88	4.789	4.783	4.828	VV	409	9008	0.29%	0.019%
89	4.834	4.828	4.841	VV	274	1854	0.06%	0.004%

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90	4.870	4.841	4.884	VV	348	7285	0.23%	0.015%
91	4.900	4.884	4.946	VV	664	15267	0.49%	0.032%
92	4.959	4.946	4.983	VV	360	6491	0.21%	0.014%
93	5.004	4.983	5.017	VV	412	6665	0.21%	0.014%
94	5.021	5.017	5.024	VV	304	1308	0.04%	0.003%
95	5.044	5.024	5.085	VV	569	14292	0.46%	0.030%
96	5.091	5.085	5.106	VV	292	3310	0.11%	0.007%
97	5.124	5.106	5.129	VV	374	3919	0.13%	0.008%
98	5.136	5.129	5.140	VV	326	2001	0.06%	0.004%
99	5.144	5.140	5.152	VV	346	2141	0.07%	0.004%
100	5.157	5.152	5.176	VV	304	3845	0.12%	0.008%
101	5.198	5.176	5.224	VV	391	9018	0.29%	0.019%
102	5.241	5.224	5.258	VV	331	5652	0.18%	0.012%
103	5.266	5.258	5.290	VV	417	6202	0.20%	0.013%
104	5.306	5.290	5.315	VV	350	4469	0.14%	0.009%
105	5.324	5.315	5.330	VV	352	2839	0.09%	0.006%
106	5.340	5.330	5.356	VV	326	4307	0.14%	0.009%
107	5.363	5.356	5.369	VV	359	2272	0.07%	0.005%
108	5.389	5.369	5.422	VV	470	11296	0.36%	0.024%
109	5.435	5.422	5.452	VV	272	4005	0.13%	0.008%
110	5.469	5.452	5.503	VV	344	6512	0.21%	0.014%
111	5.526	5.503	5.536	VV	350	5513	0.18%	0.011%
112	5.546	5.536	5.575	VV	383	6213	0.20%	0.013%
113	5.603	5.575	5.628	VV	364	7456	0.24%	0.016%
114	5.636	5.628	5.641	VV	219	1570	0.05%	0.003%
115	5.647	5.641	5.666	VV	218	2382	0.08%	0.005%
116	5.670	5.666	5.680	VV	125	877	0.03%	0.002%
117	5.689	5.680	5.694	VV	152	945	0.03%	0.002%
118	5.714	5.694	5.719	VV	222	2265	0.07%	0.005%
119	5.743	5.719	5.762	VV	990	12746	0.41%	0.027%
120	5.781	5.762	5.809	VV	553	8886	0.28%	0.019%
121	5.812	5.809	5.817	VV	190	845	0.03%	0.002%
122	5.828	5.817	5.851	VV	178	2556	0.08%	0.005%
123	5.870	5.851	5.877	VV	178	1940	0.06%	0.004%
124	5.897	5.877	5.910	VV	227	3433	0.11%	0.007%
125	5.915	5.910	5.920	VV	178	972	0.03%	0.002%
126	5.945	5.920	5.961	VV	345	5896	0.19%	0.012%
127	5.977	5.961	5.997	VV	351	4811	0.15%	0.010%
128	6.003	5.997	6.013	VV	162	1217	0.04%	0.003%
129	6.024	6.013	6.028	VV	148	1247	0.04%	0.003%
130	6.037	6.028	6.042	VV	157	1173	0.04%	0.002%
131	6.070	6.042	6.108	VV	394	9417	0.30%	0.020%
132	6.111	6.108	6.118	VV	87	435	0.01%	0.001%
133	6.123	6.118	6.137	VV	73	486	0.02%	0.001%
134	6.152	6.137	6.168	PV	176	1484	0.05%	0.003%
135	6.180	6.168	6.192	VV	107	947	0.03%	0.002%
136	6.212	6.192	6.232	VV	222	2771	0.09%	0.006%
137	6.238	6.232	6.251	VV	83	751	0.02%	0.002%
138	6.270	6.251	6.277	VV	116	1198	0.04%	0.002%
139	6.285	6.277	6.304	VV	101	910	0.03%	0.002%
140	6.330	6.304	6.343	VV	154	2111	0.07%	0.004%
141	6.348	6.343	6.358	VV	115	865	0.03%	0.002%

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142	6.362	6.358	6.366	VV	103	424	0.01%	0.001%
143	6.375	6.366	6.388	VV	152	1415	0.05%	0.003%
144	6.412	6.388	6.437	VV	346	5222	0.17%	0.011%
145	6.449	6.437	6.457	VV	128	1008	0.03%	0.002%
146	6.480	6.457	6.488	VV	116	1609	0.05%	0.003%
147	6.491	6.488	6.502	VV	78	470	0.02%	0.001%
148	6.531	6.502	6.540	VV	162	2027	0.06%	0.004%
149	6.564	6.540	6.574	VV	306	3797	0.12%	0.008%
150	6.592	6.574	6.634	VV	513	11731	0.37%	0.024%
151	6.638	6.634	6.643	VV	160	706	0.02%	0.001%
152	6.654	6.643	6.675	VV	173	2333	0.07%	0.005%
153	6.693	6.675	6.708	VV	326	3657	0.12%	0.008%
154	6.744	6.708	6.770	VV	147	3125	0.10%	0.007%
155	6.790	6.770	6.809	PV	137	1878	0.06%	0.004%
156	6.825	6.809	6.840	VV	245	2890	0.09%	0.006%
157	6.859	6.840	6.873	VV	300	3950	0.13%	0.008%
158	6.887	6.873	6.893	VV	206	1848	0.06%	0.004%
159	6.902	6.893	6.921	VV	293	3283	0.10%	0.007%
160	6.926	6.921	6.930	VV	112	401	0.01%	0.001%
161	6.937	6.930	6.942	VV	84	473	0.02%	0.001%
162	6.947	6.942	6.976	VV	110	1123	0.04%	0.002%
163	6.997	6.976	7.010	PV	126	1224	0.04%	0.003%
164	7.026	7.010	7.032	VV	69	488	0.02%	0.001%
165	7.070	7.032	7.078	PV	146	1980	0.06%	0.004%
166	7.083	7.078	7.095	VV	113	966	0.03%	0.002%
167	7.101	7.095	7.105	VV	98	371	0.01%	0.001%
168	7.114	7.105	7.118	VV	80	403	0.01%	0.001%
169	7.122	7.118	7.133	VV	70	236	0.01%	0.000%
170	7.163	7.133	7.208	PV	486	8861	0.28%	0.018%
171	7.223	7.208	7.231	VV	97	897	0.03%	0.002%
172	7.236	7.231	7.251	VV	88	644	0.02%	0.001%
173	7.273	7.251	7.282	VV	308	3428	0.11%	0.007%
174	7.292	7.282	7.320	VV	263	3996	0.13%	0.008%
175	7.339	7.320	7.362	VV	265	3964	0.13%	0.008%
176	7.394	7.362	7.408	PV	255	2827	0.09%	0.006%
177	7.436	7.408	7.457	VV	230	4894	0.16%	0.010%
178	7.462	7.457	7.477	VV	148	1336	0.04%	0.003%
179	7.497	7.477	7.528	VV	303	6830	0.22%	0.014%
180	7.550	7.528	7.576	VV	1012	13986	0.45%	0.029%
181	7.590	7.576	7.594	VV	283	2698	0.09%	0.006%
182	7.598	7.594	7.603	VV	275	1320	0.04%	0.003%
183	7.629	7.603	7.638	VV	420	7632	0.24%	0.016%
184	7.644	7.638	7.664	VV	418	4593	0.15%	0.010%
185	7.687	7.664	7.691	VV	352	4378	0.14%	0.009%
186	7.697	7.691	7.701	VV	382	1908	0.06%	0.004%
187	7.721	7.701	7.737	VV	715	10143	0.32%	0.021%
188	7.749	7.737	7.763	VV	398	4946	0.16%	0.010%
189	7.779	7.763	7.800	VV	445	7304	0.23%	0.015%
190	7.834	7.800	7.853	VV	583	12675	0.40%	0.026%
191	7.878	7.853	7.891	VV	833	13532	0.43%	0.028%
192	7.906	7.891	7.937	VV	928	18069	0.58%	0.038%
193	7.954	7.937	7.960	VV	571	7409	0.24%	0.015%
194	7.980	7.960	7.993	VV	661	10778	0.34%	0.022%

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195	8.019	7.993	8.045	VV	858	21288	0.68%	0.044%
196	8.057	8.045	8.086	VV	679	14599	0.47%	0.030%
197	8.111	8.086	8.136	VV	988	23075	0.74%	0.048%
198	8.148	8.136	8.167	VV	783	12663	0.40%	0.026%
199	8.187	8.167	8.206	VV	817	16167	0.52%	0.034%
200	8.223	8.206	8.238	VV	1131	16947	0.54%	0.035%
201	8.251	8.238	8.260	VV	898	11531	0.37%	0.024%
202	8.272	8.260	8.287	VV	995	13879	0.44%	0.029%
203	8.294	8.287	8.314	VV	909	13595	0.43%	0.028%
204	8.333	8.314	8.338	VV	890	11925	0.38%	0.025%
205	8.343	8.338	8.368	VV	827	13013	0.42%	0.027%
206	8.417	8.368	8.444	VV	866	31675	1.01%	0.066%
207	8.486	8.444	8.495	VV	857	20900	0.67%	0.044%
208	8.501	8.495	8.508	VV	832	6390	0.20%	0.013%
209	8.526	8.508	8.547	VV	1083	21335	0.68%	0.044%
210	8.561	8.547	8.575	VV	895	13249	0.42%	0.028%
211	8.598	8.575	8.612	VV	1528	25204	0.80%	0.052%
212	8.631	8.612	8.639	VV	1218	17954	0.57%	0.037%
213	8.660	8.639	8.678	VV	1646	29305	0.94%	0.061%
214	8.687	8.678	8.707	VV	971	15042	0.48%	0.031%
215	8.729	8.707	8.748	VV	1290	24745	0.79%	0.052%
216	8.763	8.748	8.774	VV	1118	15937	0.51%	0.033%
217	8.795	8.774	8.811	VV	1452	27505	0.88%	0.057%
218	8.822	8.811	8.845	VV	1181	21761	0.69%	0.045%
219	8.865	8.845	8.872	VV	1245	18180	0.58%	0.038%
220	8.886	8.872	8.917	VV	1450	32101	1.02%	0.067%
221	8.932	8.917	8.945	VV	1206	18215	0.58%	0.038%
222	8.952	8.945	8.958	VV	1015	8124	0.26%	0.017%
223	8.996	8.958	9.018	VV	1549	46298	1.48%	0.096%
224	9.022	9.018	9.037	VV	1250	13640	0.44%	0.028%
225	9.069	9.037	9.090	VV	2023	46514	1.48%	0.097%
226	9.117	9.090	9.129	VV	1821	36741	1.17%	0.077%
227	9.146	9.129	9.165	VV	2023	40420	1.29%	0.084%
228	9.176	9.165	9.195	VV	1949	32550	1.04%	0.068%
229	9.212	9.195	9.228	VV	2336	38194	1.22%	0.080%
230	9.247	9.228	9.251	VV	2049	26084	0.83%	0.054%
231	9.271	9.251	9.287	VV	2778	50899	1.62%	0.106%
232	9.300	9.287	9.308	VV	2134	26056	0.83%	0.054%
233	9.352	9.308	9.382	VV	3309	116441	3.72%	0.242%
234	9.423	9.382	9.456	VV	3675	121874	3.89%	0.254%
235	9.460	9.456	9.472	VV	2392	23333	0.74%	0.049%
236	9.518	9.472	9.538	VV	3557	113501	3.62%	0.236%
237	9.582	9.538	9.602	VV	4603	145054	4.63%	0.302%
238	9.618	9.602	9.636	VV	3568	67667	2.16%	0.141%
239	9.676	9.636	9.703	VV	4532	156834	5.00%	0.327%
240	9.710	9.703	9.723	VV	3889	46193	1.47%	0.096%
241	9.744	9.723	9.750	VV	5227	73584	2.35%	0.153%
242	9.774	9.750	9.797	VV	7747	167388	5.34%	0.349%
243	9.817	9.797	9.832	VV	5699	103053	3.29%	0.215%
244	9.870	9.832	9.882	VV	5644	150611	4.81%	0.314%
245	9.900	9.882	9.922	VV	5516	123293	3.93%	0.257%
246	9.966	9.922	10.010	VV	9466	361944	11.55%	0.754%

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247	10.023	10.010	10.028	VV	5699	60920	1.94%	0.127%
248	10.093	10.028	10.107	VV	8668	319623	10.20%	0.666%
249	10.136	10.107	10.159	VV	9615	248842	7.94%	0.518%
250	10.173	10.159	10.192	VV	6761	128312	4.09%	0.267%
251	10.227	10.192	10.252	VV	17680	367133	11.72%	0.764%
252	10.263	10.252	10.271	VV	8285	92816	2.96%	0.193%
253	10.279	10.271	10.292	VV	8028	97931	3.13%	0.204%
254	10.301	10.292	10.305	VV	7396	55434	1.77%	0.115%
255	10.314	10.305	10.334	VV	7623	127342	4.06%	0.265%
256	10.353	10.334	10.371	VV	9259	180058	5.75%	0.375%
257	10.419	10.371	10.433	VV	20529	476315	15.20%	0.992%
258	10.445	10.433	10.466	VV	17609	266255	8.50%	0.554%
259	10.477	10.466	10.493	VV	9506	143983	4.59%	0.300%
260	10.517	10.493	10.538	VV	10685	249187	7.95%	0.519%
261	10.547	10.538	10.565	VV	9070	140224	4.47%	0.292%
262	10.570	10.565	10.577	VV	8875	65031	2.08%	0.135%
263	10.598	10.577	10.622	VV	10600	252532	8.06%	0.526%
264	10.644	10.622	10.652	VV	10117	173700	5.54%	0.362%
265	10.659	10.652	10.692	VV	10079	219154	6.99%	0.456%
266	10.708	10.692	10.727	VV	10052	197335	6.30%	0.411%
267	10.748	10.727	10.759	VV	10194	179710	5.73%	0.374%
268	10.767	10.759	10.788	VV	9777	158339	5.05%	0.330%
269	10.813	10.788	10.837	VV	11939	290358	9.27%	0.605%
270	10.864	10.837	10.886	VV	11673	283603	9.05%	0.591%
271	10.909	10.886	10.922	VV	10758	213765	6.82%	0.445%
272	10.937	10.922	10.952	VV	10720	175746	5.61%	0.366%
273	10.969	10.952	10.986	VV	10936	203645	6.50%	0.424%
274	11.005	10.986	11.022	VV	13052	237999	7.59%	0.496%
275	11.045	11.022	11.066	VV	12477	281984	9.00%	0.587%
276	11.117	11.066	11.142	VV	14719	538462	17.18%	1.121%
277	11.176	11.142	11.240	VV	18119	758129	24.19%	1.579%
278	11.269	11.240	11.316	VV	19332	566313	18.07%	1.179%
279	11.351	11.316	11.368	VV	14248	371796	11.86%	0.774%
280	11.410	11.368	11.431	VV	16795	534439	17.05%	1.113%
281	11.443	11.431	11.446	VV	14679	128841	4.11%	0.268%
282	11.461	11.446	11.483	VV	15524	312124	9.96%	0.650%
283	11.507	11.483	11.534	VV	15528	394470	12.59%	0.821%
284	11.557	11.534	11.577	VV	14991	340556	10.87%	0.709%
285	11.604	11.577	11.632	VV	20062	538688	17.19%	1.122%
286	11.663	11.632	11.722	VV	21081	903766	28.84%	1.882%
287	11.753	11.722	11.797	VV	23849	801270	25.57%	1.669%
288	11.825	11.797	11.844	VV	23552	532837	17.00%	1.110%
289	11.851	11.844	11.858	VV	19154	159330	5.08%	0.332%
290	11.882	11.858	11.909	VV	25041	631468	20.15%	1.315%
291	11.922	11.909	11.935	VV	17588	262399	8.37%	0.546%
292	11.952	11.935	11.972	VV	22207	431677	13.78%	0.899%
293	12.005	11.972	12.039	VV	25784	843404	26.91%	1.756%
294	12.056	12.039	12.076	VV	17556	370054	11.81%	0.771%
295	12.092	12.076	12.097	VV	18149	213241	6.80%	0.444%
296	12.111	12.097	12.151	VV	19692	573282	18.29%	1.194%
297	12.154	12.151	12.188	VV	16155	327924	10.46%	0.683%
298	12.217	12.188	12.233	VV	16785	409577	13.07%	0.853%
299	12.266	12.233	12.285	VV	18618	501901	16.02%	1.045%

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300	12.292	12.285	12.329	VV	15747	379796	12.12%	0.791%
301	12.348	12.329	12.371	VV	14331	339841	10.84%	0.708%
302	12.377	12.371	12.387	VV	13422	133960	4.27%	0.279%
303	12.399	12.387	12.413	VV	13671	206035	6.57%	0.429%
304	12.418	12.413	12.431	VV	13479	137622	4.39%	0.287%
305	12.448	12.431	12.472	VV	15024	338451	10.80%	0.705%
306	12.491	12.472	12.511	VV	14861	316122	10.09%	0.658%
307	12.553	12.511	12.575	VV	14979	535615	17.09%	1.115%
308	12.600	12.575	12.616	VV	14489	332772	10.62%	0.693%
309	12.620	12.616	12.633	VV	14334	149725	4.78%	0.312%
310	12.653	12.633	12.670	VV	14576	311535	9.94%	0.649%
311	12.683	12.670	12.700	VV	14353	246879	7.88%	0.514%
312	12.717	12.700	12.801	VV	16705	818951	26.13%	1.705%
313	12.806	12.801	12.813	VV	11477	82047	2.62%	0.171%
314	12.830	12.813	12.834	VV	12357	146798	4.68%	0.306%
315	12.852	12.834	12.866	VV	13845	254530	8.12%	0.530%
316	12.872	12.866	12.882	VV	12840	121115	3.86%	0.252%
317	12.890	12.882	12.912	VV	13129	227383	7.26%	0.473%
318	12.920	12.912	12.938	VV	12789	188821	6.03%	0.393%
319	12.942	12.938	12.946	VV	10941	52921	1.69%	0.110%
320	12.950	12.946	12.954	VV	11133	53233	1.70%	0.111%
321	12.974	12.954	12.997	VV	14034	321086	10.25%	0.669%
322	13.019	12.997	13.050	VV	12954	368249	11.75%	0.767%
323	13.073	13.050	13.113	VV	12130	418568	13.36%	0.872%
324	13.125	13.113	13.143	VV	10908	186982	5.97%	0.389%
325	13.163	13.143	13.183	VV	10661	237757	7.59%	0.495%
326	13.197	13.183	13.213	VV	9726	174335	5.56%	0.363%
327	13.238	13.213	13.277	VV	11507	399121	12.74%	0.831%
328	13.287	13.277	13.293	VV	10356	96237	3.07%	0.200%
329	13.308	13.293	13.339	VV	10529	275417	8.79%	0.574%
330	13.343	13.339	13.352	VV	9811	75265	2.40%	0.157%
331	13.361	13.352	13.369	VV	10221	104419	3.33%	0.217%
332	13.388	13.369	13.414	VV	10577	262475	8.38%	0.547%
333	13.422	13.414	13.427	VV	9138	70808	2.26%	0.147%
334	13.434	13.427	13.437	VV	9188	53501	1.71%	0.111%
335	13.444	13.437	13.459	VV	9166	115472	3.68%	0.240%
336	13.488	13.459	13.517	VV	11606	332789	10.62%	0.693%
337	13.522	13.517	13.529	VV	8354	58614	1.87%	0.122%
338	13.550	13.529	13.565	VV	9694	198764	6.34%	0.414%
339	13.569	13.565	13.591	VV	9231	138483	4.42%	0.288%
340	13.616	13.591	13.642	VV	9883	268213	8.56%	0.559%
341	13.666	13.642	13.699	VV	8850	283234	9.04%	0.590%
342	13.711	13.699	13.734	VV	8378	169974	5.42%	0.354%
343	13.743	13.734	13.757	VV	8201	107252	3.42%	0.223%
344	13.760	13.757	13.771	VV	7728	67477	2.15%	0.141%
345	13.778	13.771	13.785	VV	7872	62310	1.99%	0.130%
346	13.789	13.785	13.801	VV	7735	72459	2.31%	0.151%
347	13.806	13.801	13.814	VV	7612	59851	1.91%	0.125%
348	13.835	13.814	13.842	VV	7916	127817	4.08%	0.266%
349	13.853	13.842	13.877	VV	8045	158865	5.07%	0.331%
350	13.880	13.877	13.886	VV	7248	38757	1.24%	0.081%
351	13.893	13.886	13.905	VV	7576	85899	2.74%	0.179%

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352	13.921	13.905	13.947	VV	8279	197524	6.30%	0.411%
353	13.954	13.947	13.957	VV	7791	50051	1.60%	0.104%
354	13.964	13.957	13.973	VV	7843	73180	2.34%	0.152%
355	13.983	13.973	14.006	VV	8371	151937	4.85%	0.316%
356	14.037	14.006	14.065	VV	8661	277972	8.87%	0.579%
357	14.083	14.065	14.098	VV	8512	162048	5.17%	0.337%
358	14.115	14.098	14.133	VV	8621	163590	5.22%	0.341%
359	14.146	14.133	14.150	VV	7738	74428	2.38%	0.155%
360	14.157	14.150	14.187	VV	7920	167704	5.35%	0.349%
361	14.212	14.187	14.232	VV	7880	202934	6.48%	0.423%
362	14.235	14.232	14.265	VV	7700	136772	4.36%	0.285%
363	14.278	14.265	14.308	VV	7016	171786	5.48%	0.358%
364	14.328	14.308	14.354	VV	6927	180815	5.77%	0.377%
365	14.365	14.354	14.372	VV	6950	74012	2.36%	0.154%
366	14.376	14.372	14.381	VV	6821	33635	1.07%	0.070%
367	14.393	14.381	14.440	VV	7093	241940	7.72%	0.504%
368	14.454	14.440	14.479	VV	7029	152278	4.86%	0.317%
369	14.486	14.479	14.492	VV	6137	48800	1.56%	0.102%
370	14.499	14.492	14.507	VV	6428	56322	1.80%	0.117%
371	14.528	14.507	14.539	VV	6548	119403	3.81%	0.249%
372	14.567	14.539	14.577	VV	7253	154055	4.92%	0.321%
373	14.579	14.577	14.585	VV	6960	33555	1.07%	0.070%
374	14.626	14.585	14.699	VV	189574	3133706	100.00%	6.525%
375	14.708	14.699	14.713	VV	7685	62855	2.01%	0.131%
376	14.718	14.713	14.740	VV	7416	108374	3.46%	0.226%
377	14.744	14.740	14.753	VV	6031	45937	1.47%	0.096%
378	14.761	14.753	14.769	VV	5981	56982	1.82%	0.119%
379	14.775	14.769	14.786	VV	6447	62791	2.00%	0.131%
380	14.799	14.786	14.814	VV	6464	103962	3.32%	0.216%
381	14.819	14.814	14.849	VV	6130	123499	3.94%	0.257%
382	14.872	14.849	14.901	VV	7207	195144	6.23%	0.406%
383	14.904	14.901	14.915	VV	5693	45396	1.45%	0.095%
384	14.930	14.915	14.970	VV	6530	192219	6.13%	0.400%
385	14.975	14.970	14.979	VV	5186	26507	0.85%	0.055%
386	14.986	14.979	14.990	VV	5156	32977	1.05%	0.069%
387	15.013	14.990	15.017	VV	5729	87442	2.79%	0.182%
388	15.022	15.017	15.034	VV	5766	58065	1.85%	0.121%
389	15.049	15.034	15.067	VV	5677	107521	3.43%	0.224%
390	15.100	15.067	15.104	VV	5571	117926	3.76%	0.246%
391	15.121	15.104	15.142	VV	6428	128525	4.10%	0.268%
392	15.152	15.142	15.179	VV	5603	117169	3.74%	0.244%
393	15.196	15.179	15.201	VV	5222	66834	2.13%	0.139%
394	15.226	15.201	15.251	VV	5745	157757	5.03%	0.329%
395	15.258	15.251	15.267	VV	5082	47487	1.52%	0.099%
396	15.277	15.267	15.292	VV	5149	75574	2.41%	0.157%
397	15.312	15.292	15.317	VV	4922	72274	2.31%	0.150%
398	15.342	15.317	15.364	VV	6117	154584	4.93%	0.322%
399	15.369	15.364	15.376	VV	5338	35814	1.14%	0.075%
400	15.394	15.376	15.422	VV	5921	148880	4.75%	0.310%
401	15.442	15.422	15.457	VV	5725	109424	3.49%	0.228%
402	15.469	15.457	15.483	VV	5212	77177	2.46%	0.161%
403	15.494	15.483	15.522	VV	5357	116898	3.73%	0.243%
404	15.533	15.522	15.548	VV	5128	74953	2.39%	0.156%

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405	15.564	15.548	15.574	VV	5061	74076	2.36%	0.154%
406	15.590	15.574	15.604	VV	4931	86060	2.75%	0.179%
407	15.609	15.604	15.613	VV	4670	25093	0.80%	0.052%
408	15.643	15.613	15.663	VV	5080	141893	4.53%	0.295%
409	15.667	15.663	15.675	VV	4656	33409	1.07%	0.070%
410	15.684	15.675	15.695	VV	4526	52283	1.67%	0.109%
411	15.699	15.695	15.708	VV	4509	34753	1.11%	0.072%
412	15.720	15.708	15.733	VV	4554	65773	2.10%	0.137%
413	15.757	15.733	15.795	VV	4930	160483	5.12%	0.334%
414	15.812	15.795	15.817	VV	4096	52179	1.67%	0.109%
415	15.827	15.817	15.833	VV	4365	40753	1.30%	0.085%
416	15.851	15.833	15.870	VV	4955	99464	3.17%	0.207%
417	15.890	15.870	15.927	VV	5127	153691	4.90%	0.320%
418	15.935	15.927	15.940	VV	4079	29169	0.93%	0.061%
419	15.945	15.940	15.955	VV	4234	37822	1.21%	0.079%
420	15.965	15.955	15.986	VV	4005	68852	2.20%	0.143%
421	15.995	15.986	16.000	VV	3707	30916	0.99%	0.064%
422	16.008	16.000	16.017	VV	3840	35766	1.14%	0.074%
423	16.026	16.017	16.035	VV	3394	35519	1.13%	0.074%
424	16.046	16.035	16.050	VV	3321	28668	0.91%	0.060%
425	16.057	16.050	16.077	VV	3423	52362	1.67%	0.109%
426	16.087	16.077	16.091	VV	2997	24251	0.77%	0.050%
427	16.100	16.091	16.110	VV	3127	34062	1.09%	0.071%
428	16.117	16.110	16.127	VV	2984	28718	0.92%	0.060%
429	16.133	16.127	16.142	VV	3021	25166	0.80%	0.052%
430	16.156	16.142	16.166	VV	3055	41408	1.32%	0.086%
431	16.172	16.166	16.186	VV	3014	34745	1.11%	0.072%
432	16.209	16.186	16.232	VV	3044	76790	2.45%	0.160%
433	16.236	16.232	16.263	VV	2741	47941	1.53%	0.100%
434	16.300	16.263	16.324	VV	3379	108353	3.46%	0.226%
435	16.352	16.324	16.371	VV	4206	96102	3.07%	0.200%
436	16.382	16.371	16.393	VV	2886	37597	1.20%	0.078%
437	16.398	16.393	16.404	VV	2737	17366	0.55%	0.036%
438	16.421	16.404	16.457	VV	3288	84996	2.71%	0.177%
439	16.485	16.457	16.508	VV	2530	68546	2.19%	0.143%
440	16.511	16.508	16.535	VV	2237	32308	1.03%	0.067%
441	16.563	16.535	16.590	VV	3501	85418	2.73%	0.178%
442	16.627	16.590	16.671	VV	2742	97446	3.11%	0.203%
443	16.699	16.671	16.720	VV	2118	53478	1.71%	0.111%
444	16.724	16.720	16.728	VV	1728	7723	0.25%	0.016%
445	16.735	16.728	16.757	VV	1837	30247	0.97%	0.063%
446	16.792	16.757	16.837	VV	2450	94485	3.02%	0.197%
447	16.845	16.837	16.856	VV	1647	17433	0.56%	0.036%
448	16.862	16.856	16.869	VV	1480	10836	0.35%	0.023%
449	16.873	16.869	16.890	VV	1376	15561	0.50%	0.032%
450	16.897	16.890	16.905	VV	1293	10974	0.35%	0.023%
451	16.913	16.905	16.924	VV	1363	13993	0.45%	0.029%
452	16.929	16.924	16.941	VV	1198	11007	0.35%	0.023%
453	16.946	16.941	16.951	VV	1095	6263	0.20%	0.013%
454	16.958	16.951	16.968	VV	1124	10300	0.33%	0.021%
455	16.997	16.968	17.017	VV	2089	44823	1.43%	0.093%
456	17.042	17.017	17.046	VV	1409	22007	0.70%	0.046%

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457	17.052	17.046	17.066	VV	1532	16865	0.54%	0.035%
458	17.072	17.066	17.122	VV	1432	40477	1.29%	0.084%
459	17.129	17.122	17.140	VV	1267	12364	0.39%	0.026%
460	17.158	17.140	17.170	VV	1309	20286	0.65%	0.042%
461	17.179	17.170	17.182	VV	997	7021	0.22%	0.015%
462	17.190	17.182	17.195	VV	1006	7267	0.23%	0.015%
463	17.204	17.195	17.209	VV	1083	8609	0.27%	0.018%
464	17.216	17.209	17.238	VV	1136	16477	0.53%	0.034%
465	17.264	17.238	17.287	VV	1796	37640	1.20%	0.078%
466	17.293	17.287	17.300	VV	948	7068	0.23%	0.015%
467	17.313	17.300	17.332	VV	983	15724	0.50%	0.033%
468	17.357	17.332	17.362	VV	1476	20636	0.66%	0.043%
469	17.366	17.362	17.398	VV	1448	23119	0.74%	0.048%
470	17.402	17.398	17.428	VV	879	12791	0.41%	0.027%
471	17.479	17.428	17.501	VV	2174	57886	1.85%	0.121%
472	17.522	17.501	17.530	VV	1279	19369	0.62%	0.040%
473	17.544	17.530	17.574	VV	1304	26900	0.86%	0.056%
474	17.580	17.574	17.588	VV	864	6314	0.20%	0.013%
475	17.593	17.588	17.603	VV	657	4995	0.16%	0.010%
476	17.618	17.603	17.626	VV	620	7016	0.22%	0.015%
477	17.637	17.626	17.652	VV	678	8598	0.27%	0.018%
478	17.663	17.652	17.671	VV	497	5011	0.16%	0.010%
479	17.701	17.671	17.733	VV	1386	31167	0.99%	0.065%
480	17.740	17.733	17.752	VV	467	4556	0.15%	0.009%
481	17.782	17.752	17.794	VV	695	13775	0.44%	0.029%
482	17.798	17.794	17.809	VV	475	3435	0.11%	0.007%
483	17.854	17.809	17.865	VV	1054	23499	0.75%	0.049%
484	17.896	17.865	17.924	VV	1859	41115	1.31%	0.086%
485	17.931	17.924	17.947	VV	812	9183	0.29%	0.019%
486	17.968	17.947	17.975	VV	1110	13002	0.41%	0.027%
487	17.981	17.975	18.005	VV	977	12824	0.41%	0.027%
488	18.021	18.005	18.031	VV	518	6693	0.21%	0.014%
489	18.038	18.031	18.044	VV	455	3156	0.10%	0.007%
490	18.048	18.044	18.064	VV	393	3623	0.12%	0.008%
491	18.091	18.064	18.108	VV	1691	27548	0.88%	0.057%
492	18.130	18.108	18.178	VV	1392	39429	1.26%	0.082%
493	18.184	18.178	18.199	VV	335	2952	0.09%	0.006%
494	18.204	18.199	18.208	VV	204	790	0.03%	0.002%
495	18.223	18.208	18.228	VV	337	3261	0.10%	0.007%
496	18.232	18.228	18.245	VV	365	3200	0.10%	0.007%
497	18.259	18.245	18.277	VV	435	5554	0.18%	0.012%
498	18.292	18.277	18.334	VV	836	19761	0.63%	0.041%
499	18.348	18.334	18.366	VV	537	7555	0.24%	0.016%
500	18.371	18.366	18.379	VV	244	1623	0.05%	0.003%
501	18.385	18.379	18.398	VV	284	2228	0.07%	0.005%
502	18.414	18.398	18.440	VV	299	4695	0.15%	0.010%
503	18.486	18.440	18.515	VV	883	16210	0.52%	0.034%
504	18.543	18.515	18.592	VV	1773	46735	1.49%	0.097%
505	18.615	18.592	18.623	PV	261	2675	0.09%	0.006%
506	18.627	18.623	18.637	VV	255	1254	0.04%	0.003%
507	18.672	18.637	18.678	VV	205	3524	0.11%	0.007%
508	18.683	18.678	18.687	VV	182	773	0.02%	0.002%
509	18.695	18.687	18.706	VV	244	2178	0.07%	0.005%

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510	18.711	18.706	18.721	VV	200	1384	0.04%	0.003%
511	18.727	18.721	18.736	VV	293	1998	0.06%	0.004%
512	18.743	18.736	18.754	VV	267	2414	0.08%	0.005%
513	18.759	18.754	18.763	VV	243	1127	0.04%	0.002%
514	18.769	18.763	18.782	VV	230	2058	0.07%	0.004%
515	18.801	18.782	18.809	VV	365	4455	0.14%	0.009%
516	18.817	18.809	18.823	VV	262	1700	0.05%	0.004%
517	18.830	18.823	18.836	VV	166	955	0.03%	0.002%
518	18.846	18.836	18.866	VV	275	2998	0.10%	0.006%
519	18.936	18.866	18.961	PV	1865	55872	1.78%	0.116%
520	18.970	18.961	18.978	VV	785	7476	0.24%	0.016%
521	18.989	18.978	19.028	VV	809	14731	0.47%	0.031%
522	19.039	19.028	19.049	VV	314	2368	0.08%	0.005%
523	19.064	19.049	19.079	VV	263	3401	0.11%	0.007%
524	19.106	19.079	19.161	VV	1222	31145	0.99%	0.065%
525	19.192	19.161	19.201	VV	399	5268	0.17%	0.011%
526	19.211	19.201	19.219	PV	175	1302	0.04%	0.003%
527	19.241	19.219	19.248	VV	393	5036	0.16%	0.010%
528	19.296	19.248	19.307	VV	1447	28243	0.90%	0.059%
529	19.310	19.307	19.314	VV	1229	4811	0.15%	0.010%
530	19.325	19.314	19.343	VV	1409	19840	0.63%	0.041%
531	19.347	19.343	19.373	VV	719	6729	0.21%	0.014%
532	19.395	19.373	19.409	VV	247	2873	0.09%	0.006%
533	19.413	19.409	19.422	VV	214	993	0.03%	0.002%
534	19.472	19.422	19.504	PV	1344	26079	0.83%	0.054%
535	19.541	19.504	19.552	VV	986	18291	0.58%	0.038%
536	19.560	19.552	19.568	VV	844	7125	0.23%	0.015%
537	19.573	19.568	19.578	VV	715	4026	0.13%	0.008%
538	19.628	19.578	19.649	VV	1902	51061	1.63%	0.106%
539	19.665	19.649	19.671	VV	916	11014	0.35%	0.023%
540	19.704	19.671	19.709	VV	1274	23043	0.74%	0.048%
541	19.716	19.709	19.742	VV	1255	21572	0.69%	0.045%
542	19.750	19.742	19.757	VV	970	8923	0.28%	0.019%
543	19.765	19.757	19.769	VV	1071	6860	0.22%	0.014%
544	19.780	19.769	19.785	VV	1152	10233	0.33%	0.021%
545	19.850	19.785	19.867	VV	2127	78621	2.51%	0.164%
546	19.907	19.867	19.934	VV	2408	85504	2.73%	0.178%
547	19.941	19.934	19.946	VV	2034	14345	0.46%	0.030%
548	19.953	19.946	19.964	VV	2113	22064	0.70%	0.046%
549	19.992	19.964	19.998	VV	2011	39656	1.27%	0.083%
550	20.008	19.998	20.013	VV	2002	17029	0.54%	0.035%
551	20.023	20.013	20.027	VV	2074	16585	0.53%	0.035%
552	20.068	20.027	20.089	VV	3248	99053	3.16%	0.206%
553	20.121	20.089	20.167	VV	4527	169989	5.42%	0.354%
554	20.177	20.167	20.180	VV	3229	26038	0.83%	0.054%
555	20.224	20.180	20.228	VV	4699	111430	3.56%	0.232%
556	20.309	20.228	20.316	VV	6461	299023	9.54%	0.623%
557	20.429	20.316	20.453	VV	10088	708237	22.60%	1.475%
558	20.482	20.453	20.493	VV	9326	223265	7.12%	0.465%
559	20.504	20.493	20.510	VV	9101	90361	2.88%	0.188%
560	20.524	20.510	20.578	VV	9334	333496	10.64%	0.694%
561	20.590	20.578	20.733	VV	6686	363851	11.61%	0.758%

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562	20.737	20.733	20.741	VV	1741	8806	0.28%	0.018%
563	20.769	20.741	20.804	VV	2431	73290	2.34%	0.153%
564	20.808	20.804	20.819	VV	1629	14294	0.46%	0.030%
565	20.840	20.819	20.898	VV	1612	59621	1.90%	0.124%
566	20.913	20.898	20.921	VV	920	12264	0.39%	0.026%
567	20.935	20.921	20.939	VV	918	8958	0.29%	0.019%
568	20.946	20.939	20.958	VV	898	9728	0.31%	0.020%
569	20.962	20.958	20.967	VV	834	4077	0.13%	0.008%
570	20.987	20.967	20.994	VV	818	11778	0.38%	0.025%
571	20.998	20.994	21.020	VV	708	8097	0.26%	0.017%
572	21.075	21.020	21.079	VV	262	9266	0.30%	0.019%
573	21.086	21.079	21.100	VV	249	2274	0.07%	0.005%
574	21.148	21.100	21.180	VV	1197	34315	1.10%	0.071%
575	21.200	21.180	21.222	VV	676	14332	0.46%	0.030%
576	21.252	21.222	21.259	VV	657	12180	0.39%	0.025%
577	21.264	21.259	21.267	VV	608	2980	0.10%	0.006%
578	21.290	21.267	21.306	VV	744	14361	0.46%	0.030%
579	21.323	21.306	21.337	VV	666	11130	0.36%	0.023%
580	21.342	21.337	21.357	VV	652	6930	0.22%	0.014%
581	21.365	21.357	21.370	VV	610	4419	0.14%	0.009%
582	21.384	21.370	21.398	VV	635	9479	0.30%	0.020%
583	21.411	21.398	21.439	VV	599	12728	0.41%	0.027%
584	21.520	21.439	21.562	VV	906	49095	1.57%	0.102%
585	21.567	21.562	21.626	VV	640	11781	0.38%	0.025%
586	21.688	21.626	21.694	PV	489	8590	0.27%	0.018%
587	21.697	21.694	21.729	VV	468	5944	0.19%	0.012%
588	21.789	21.729	21.800	PBA	444	17495	0.56%	0.036%
					Sum of corrected areas:		48023221	

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