

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG060424\
 Data File : FG013870.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jun 2024 16:12
 Sample : P2689-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052824.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.929	1.917	1.943	VV	137	866	0.02%	0.001%
2	1.983	1.943	2.048	PV	99644	1506234	27.43%	1.213%
3	2.059	2.048	2.091	VV	341	4628	0.08%	0.004%
4	2.094	2.091	2.103	VV	98	500	0.01%	0.000%
5	2.109	2.103	2.112	PV	72	220	0.00%	0.000%
6	2.117	2.112	2.127	VV	102	588	0.01%	0.000%
7	2.133	2.127	2.138	VV	106	447	0.01%	0.000%
8	2.143	2.138	2.153	VV	108	611	0.01%	0.000%
9	2.157	2.153	2.164	PV	118	458	0.01%	0.000%
10	2.205	2.164	2.235	VV	554	14062	0.26%	0.011%
11	2.238	2.235	2.254	VV	307	2781	0.05%	0.002%
12	2.269	2.254	2.351	VV	3742	59569	1.08%	0.048%
13	2.367	2.351	2.372	VV	249	2339	0.04%	0.002%
14	2.377	2.372	2.417	VV	229	4551	0.08%	0.004%
15	2.433	2.417	2.442	VV	154	1576	0.03%	0.001%
16	2.450	2.442	2.456	VV	121	800	0.01%	0.001%
17	2.459	2.456	2.465	VV	108	462	0.01%	0.000%
18	2.475	2.465	2.479	VV	109	577	0.01%	0.000%
19	2.485	2.479	2.491	VV	99	564	0.01%	0.000%
20	2.496	2.491	2.509	VV	132	912	0.02%	0.001%
21	2.519	2.509	2.524	VV	99	735	0.01%	0.001%
22	2.538	2.524	2.543	VV	135	1203	0.02%	0.001%
23	2.547	2.543	2.550	VV	179	587	0.01%	0.000%
24	2.553	2.550	2.565	VV	167	948	0.02%	0.001%
25	2.571	2.565	2.576	VV	125	665	0.01%	0.001%
26	2.579	2.576	2.611	VV	150	1856	0.03%	0.001%

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27	2.622	2.611	2.632	VV	85	755	0.01%	0.001%
28	2.640	2.632	2.644	VV	98	428	0.01%	0.000%
29	2.666	2.644	2.671	VV	207	2097	0.04%	0.002%
30	2.679	2.671	2.692	VV	246	2153	0.04%	0.002%
31	2.697	2.692	2.709	VV	158	1024	0.02%	0.001%
32	2.717	2.709	2.722	VV	94	478	0.01%	0.000%
33	2.729	2.722	2.734	VV	112	583	0.01%	0.000%
34	2.737	2.734	2.741	VV	89	326	0.01%	0.000%
35	2.744	2.741	2.751	VV	106	448	0.01%	0.000%
36	2.758	2.751	2.762	VV	182	958	0.02%	0.001%
37	2.769	2.762	2.777	VV	182	1287	0.02%	0.001%
38	2.784	2.777	2.809	VV	169	2467	0.04%	0.002%
39	2.820	2.809	2.844	VV	176	2370	0.04%	0.002%
40	2.873	2.844	2.878	VV	295	3726	0.07%	0.003%
41	2.882	2.878	2.889	VV	297	1696	0.03%	0.001%
42	2.899	2.889	2.910	VV	353	3636	0.07%	0.003%
43	2.928	2.910	2.950	VV	365	7701	0.14%	0.006%
44	2.955	2.950	2.969	VV	238	2318	0.04%	0.002%
45	2.986	2.969	3.014	VV	431	8555	0.16%	0.007%
46	3.019	3.014	3.033	VV	266	2422	0.04%	0.002%
47	3.038	3.033	3.051	VV	249	2270	0.04%	0.002%
48	3.056	3.051	3.070	VV	225	2055	0.04%	0.002%
49	3.081	3.070	3.088	VV	205	1861	0.03%	0.001%
50	3.105	3.088	3.157	VV	3172	52055	0.95%	0.042%
51	3.165	3.157	3.203	VV	629	13882	0.25%	0.011%
52	3.208	3.203	3.217	VV	358	2899	0.05%	0.002%
53	3.232	3.217	3.298	VV	419	14488	0.26%	0.012%
54	3.310	3.298	3.333	VV	259	4692	0.09%	0.004%
55	3.340	3.333	3.366	VV	258	4170	0.08%	0.003%
56	3.376	3.366	3.383	VV	301	2396	0.04%	0.002%
57	3.388	3.383	3.399	VV	250	2151	0.04%	0.002%
58	3.404	3.399	3.421	VV	191	2193	0.04%	0.002%
59	3.433	3.421	3.449	VV	261	3291	0.06%	0.003%
60	3.468	3.449	3.475	VV	252	3186	0.06%	0.003%
61	3.481	3.475	3.491	VV	305	2433	0.04%	0.002%
62	3.494	3.491	3.507	VV	240	2088	0.04%	0.002%
63	3.511	3.507	3.518	VV	226	1460	0.03%	0.001%
64	3.525	3.518	3.535	VV	262	2077	0.04%	0.002%
65	3.547	3.535	3.574	VV	321	6327	0.12%	0.005%
66	3.592	3.574	3.621	VV	518	10713	0.20%	0.009%
67	3.624	3.621	3.649	VV	321	4111	0.07%	0.003%
68	3.654	3.649	3.663	VV	231	1649	0.03%	0.001%
69	3.670	3.663	3.675	VV	240	1467	0.03%	0.001%
70	3.694	3.675	3.720	VV	368	8299	0.15%	0.007%

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71	3.724	3.720	3.732	VV	309	1913	0.03%	0.002%
72	3.737	3.732	3.752	VV	310	3236	0.06%	0.003%
73	3.771	3.752	3.778	VV	263	3431	0.06%	0.003%
74	3.787	3.778	3.792	VV	217	1686	0.03%	0.001%
75	3.801	3.792	3.812	VV	263	2709	0.05%	0.002%
76	3.821	3.812	3.834	VV	305	3435	0.06%	0.003%
77	3.839	3.834	3.843	VV	313	1499	0.03%	0.001%
78	3.850	3.843	3.867	VV	298	3410	0.06%	0.003%
79	3.874	3.867	3.897	VV	209	2933	0.05%	0.002%
80	3.903	3.897	3.910	VV	251	1567	0.03%	0.001%
81	3.927	3.910	3.940	VV	293	3901	0.07%	0.003%
82	3.949	3.940	3.953	VV	275	1905	0.03%	0.002%
83	3.963	3.953	3.995	VV	414	6217	0.11%	0.005%
84	3.999	3.995	4.010	VV	228	1705	0.03%	0.001%
85	4.034	4.010	4.079	VV	1297	23309	0.42%	0.019%
86	4.082	4.079	4.096	VV	374	3193	0.06%	0.003%
87	4.106	4.096	4.127	VV	1068	14579	0.27%	0.012%
88	4.134	4.127	4.162	VV	705	11448	0.21%	0.009%
89	4.166	4.162	4.191	VV	359	4878	0.09%	0.004%
90	4.195	4.191	4.210	VV	323	3127	0.06%	0.003%
91	4.226	4.210	4.321	VV	4889	115383	2.10%	0.093%
92	4.325	4.321	4.360	VV	752	14906	0.27%	0.012%
93	4.363	4.360	4.393	VV	566	8542	0.16%	0.007%
94	4.396	4.393	4.415	VV	392	4712	0.09%	0.004%
95	4.421	4.415	4.425	VV	372	2191	0.04%	0.002%
96	4.431	4.425	4.447	VV	351	3950	0.07%	0.003%
97	4.451	4.447	4.461	VV	292	2246	0.04%	0.002%
98	4.492	4.461	4.558	VV	195273	2090820	38.07%	1.683%
99	4.568	4.558	4.587	VV	519	7457	0.14%	0.006%
100	4.603	4.587	4.645	VV	680	15000	0.27%	0.012%
101	4.663	4.645	4.681	VV	1221	14712	0.27%	0.012%
102	4.689	4.681	4.723	VV	610	10837	0.20%	0.009%
103	4.730	4.723	4.743	VV	309	3189	0.06%	0.003%
104	4.752	4.743	4.759	VV	255	2145	0.04%	0.002%
105	4.776	4.759	4.795	VV	352	5817	0.11%	0.005%
106	4.800	4.795	4.804	VV	350	1578	0.03%	0.001%
107	4.811	4.804	4.842	VV	328	5913	0.11%	0.005%
108	4.866	4.842	4.889	VV	497	9612	0.18%	0.008%
109	4.895	4.889	4.901	VV	295	1920	0.03%	0.002%
110	4.909	4.901	4.930	VV	330	3937	0.07%	0.003%
111	4.956	4.930	4.965	VV	301	4710	0.09%	0.004%
112	4.970	4.965	4.986	VV	277	3005	0.05%	0.002%
113	4.997	4.986	5.031	VV	275	5498	0.10%	0.004%

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114	5.043	5.031	5.048	VV	271	2158	0.04%	0.002%
115	5.054	5.048	5.064	VV	236	1832	0.03%	0.001%
116	5.076	5.064	5.101	VV	203	3289	0.06%	0.003%
117	5.123	5.101	5.131	VV	223	3047	0.06%	0.002%
118	5.146	5.131	5.167	VV	364	5231	0.10%	0.004%
119	5.170	5.167	5.183	VV	191	1351	0.02%	0.001%
120	5.194	5.183	5.210	VV	192	2163	0.04%	0.002%
121	5.214	5.210	5.221	VV	120	653	0.01%	0.001%
122	5.235	5.221	5.240	VV	294	2683	0.05%	0.002%
123	5.248	5.240	5.255	VV	326	2370	0.04%	0.002%
124	5.261	5.255	5.289	VV	258	3962	0.07%	0.003%
125	5.320	5.289	5.361	VV	398	8683	0.16%	0.007%
126	5.370	5.361	5.378	VV	138	1083	0.02%	0.001%
127	5.384	5.378	5.401	VV	135	1232	0.02%	0.001%
128	5.406	5.401	5.415	VV	127	818	0.01%	0.001%
129	5.439	5.415	5.472	VV	2562	29913	0.54%	0.024%
130	5.477	5.472	5.497	VV	228	2554	0.05%	0.002%
131	5.510	5.497	5.535	VV	321	4407	0.08%	0.004%
132	5.539	5.535	5.547	VV	131	625	0.01%	0.001%
133	5.548	5.547	5.551	VV	70	146	0.00%	0.000%
134	5.556	5.551	5.568	VV	139	786	0.01%	0.001%
135	5.578	5.568	5.583	VV	127	866	0.02%	0.001%
136	5.588	5.583	5.608	VV	114	905	0.02%	0.001%
137	5.631	5.608	5.653	PV	895	11136	0.20%	0.009%
138	5.671	5.653	5.698	VV	7999	85081	1.55%	0.068%
139	5.711	5.698	5.732	VV	1624	20281	0.37%	0.016%
140	5.740	5.732	5.777	VV	558	9753	0.18%	0.008%
141	5.790	5.777	5.795	VV	190	1736	0.03%	0.001%
142	5.812	5.795	5.824	VV	281	3914	0.07%	0.003%
143	5.830	5.824	5.842	VV	302	1826	0.03%	0.001%
144	5.846	5.842	5.856	VV	149	533	0.01%	0.000%
145	5.880	5.856	5.889	VV	314	3500	0.06%	0.003%
146	5.901	5.889	5.928	VV	532	6413	0.12%	0.005%
147	5.941	5.928	5.957	VV	126	1680	0.03%	0.001%
148	5.966	5.957	5.971	VV	99	585	0.01%	0.000%
149	5.992	5.971	6.011	VV	144	2100	0.04%	0.002%
150	6.020	6.011	6.049	VV	149	1767	0.03%	0.001%
151	6.058	6.049	6.062	VV	226	1148	0.02%	0.001%
152	6.080	6.062	6.093	VV	237	3429	0.06%	0.003%
153	6.106	6.093	6.132	VV	268	4046	0.07%	0.003%
154	6.148	6.132	6.156	VV	164	1754	0.03%	0.001%
155	6.199	6.156	6.216	VV	502	7704	0.14%	0.006%
156	6.238	6.216	6.293	VV	681	16938	0.31%	0.014%

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157	6.301	6.293	6.306	VV	264	1620	0.03%	0.001%
158	6.311	6.306	6.330	VV	276	2488	0.05%	0.002%
159	6.338	6.330	6.343	VV	192	1196	0.02%	0.001%
160	6.378	6.343	6.409	VV	835	14691	0.27%	0.012%
161	6.415	6.409	6.422	VV	256	1773	0.03%	0.001%
162	6.433	6.422	6.464	VV	337	5792	0.11%	0.005%
163	6.478	6.464	6.485	VV	202	1914	0.03%	0.002%
164	6.505	6.485	6.535	VV	1183	14786	0.27%	0.012%
165	6.557	6.535	6.571	VV	417	6621	0.12%	0.005%
166	6.578	6.571	6.613	VV	301	5848	0.11%	0.005%
167	6.665	6.613	6.725	VV	227511	2263079	41.21%	1.822%
168	6.746	6.725	6.766	VV	3806	42294	0.77%	0.034%
169	6.787	6.766	6.853	VV	35465	389293	7.09%	0.313%
170	6.861	6.853	6.880	VV	532	6907	0.13%	0.006%
171	6.885	6.880	6.890	VV	351	1986	0.04%	0.002%
172	6.897	6.890	6.905	VV	337	2702	0.05%	0.002%
173	6.926	6.905	6.943	VV	363	7001	0.13%	0.006%
174	6.946	6.943	6.976	VV	314	3540	0.06%	0.003%
175	7.001	6.976	7.035	VV	313	6521	0.12%	0.005%
176	7.068	7.035	7.084	VV	408	6892	0.13%	0.006%
177	7.090	7.084	7.095	VV	123	670	0.01%	0.001%
178	7.107	7.095	7.126	VV	212	2597	0.05%	0.002%
179	7.167	7.126	7.226	PV	1092	28729	0.52%	0.023%
180	7.233	7.226	7.270	VV	422	7616	0.14%	0.006%
181	7.295	7.270	7.336	VV	652	11716	0.21%	0.009%
182	7.360	7.336	7.374	VV	708	10695	0.19%	0.009%
183	7.383	7.374	7.415	VV	568	8735	0.16%	0.007%
184	7.450	7.415	7.465	VV	262	5592	0.10%	0.005%
185	7.484	7.465	7.499	PV	621	6744	0.12%	0.005%
186	7.513	7.499	7.541	VV	259	3458	0.06%	0.003%
187	7.548	7.541	7.556	VV	99	672	0.01%	0.001%
188	7.561	7.556	7.578	VV	146	1275	0.02%	0.001%
189	7.613	7.578	7.641	VV	1311	18133	0.33%	0.015%
190	7.644	7.641	7.665	VV	180	1600	0.03%	0.001%
191	7.682	7.665	7.696	VV	188	2682	0.05%	0.002%
192	7.702	7.696	7.723	VV	159	2105	0.04%	0.002%
193	7.735	7.723	7.759	VV	217	3114	0.06%	0.003%
194	7.763	7.759	7.768	VV	168	626	0.01%	0.001%
195	7.787	7.768	7.793	VV	375	3977	0.07%	0.003%
196	7.799	7.793	7.821	VV	274	2920	0.05%	0.002%
197	7.839	7.821	7.852	VV	210	1601	0.03%	0.001%
198	7.862	7.852	7.872	PV	97	556	0.01%	0.000%
199	7.899	7.872	7.930	VV	334	5435	0.10%	0.004%
200	7.944	7.930	7.971	VV	95	1326	0.02%	0.001%

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201	7.986	7.971	8.009	VV	502	5917	0.11%	0.005%
202	8.049	8.009	8.059	VV	898	15071	0.27%	0.012%
203	8.064	8.059	8.164	VV	809	22417	0.41%	0.018%
204	8.187	8.164	8.203	VV	492	6192	0.11%	0.005%
205	8.224	8.203	8.236	VV	720	8465	0.15%	0.007%
206	8.246	8.236	8.260	VV	749	7754	0.14%	0.006%
207	8.272	8.260	8.283	VV	356	3748	0.07%	0.003%
208	8.294	8.283	8.300	VV	275	2282	0.04%	0.002%
209	8.318	8.300	8.342	VV	523	7963	0.15%	0.006%
210	8.391	8.342	8.425	VV	1077	24456	0.45%	0.020%
211	8.444	8.425	8.448	VV	490	5639	0.10%	0.005%
212	8.497	8.448	8.580	VV	227487	2392667	43.57%	1.926%
213	8.601	8.580	8.619	VV	1220	17731	0.32%	0.014%
214	8.639	8.619	8.668	VV	1111	22620	0.41%	0.018%
215	8.679	8.668	8.695	VV	589	7136	0.13%	0.006%
216	8.713	8.695	8.763	VV	678	13392	0.24%	0.011%
217	8.777	8.763	8.784	PV	126	935	0.02%	0.001%
218	8.789	8.784	8.800	VV	105	793	0.01%	0.001%
219	8.804	8.800	8.808	VV	126	529	0.01%	0.000%
220	8.827	8.808	8.843	VV	400	5334	0.10%	0.004%
221	8.847	8.843	8.849	VV	318	1030	0.02%	0.001%
222	8.869	8.849	8.875	VV	561	7412	0.13%	0.006%
223	8.887	8.875	8.911	VV	660	12042	0.22%	0.010%
224	8.945	8.911	8.950	VV	914	14642	0.27%	0.012%
225	8.971	8.950	9.003	VV	4936	69241	1.26%	0.056%
226	9.014	9.003	9.023	VV	776	7894	0.14%	0.006%
227	9.038	9.023	9.063	VV	1000	15933	0.29%	0.013%
228	9.090	9.063	9.107	VV	575	9290	0.17%	0.007%
229	9.120	9.107	9.124	VV	361	3240	0.06%	0.003%
230	9.140	9.124	9.161	VV	438	8844	0.16%	0.007%
231	9.172	9.161	9.180	VV	456	4649	0.08%	0.004%
232	9.183	9.180	9.201	VV	449	3659	0.07%	0.003%
233	9.241	9.201	9.282	VV	1414	31932	0.58%	0.026%
234	9.296	9.282	9.301	VV	271	2328	0.04%	0.002%
235	9.326	9.301	9.340	VV	2685	31200	0.57%	0.025%
236	9.358	9.340	9.366	VV	4661	48961	0.89%	0.039%
237	9.377	9.366	9.401	VV	5111	58847	1.07%	0.047%
238	9.412	9.401	9.433	VV	559	6228	0.11%	0.005%
239	9.469	9.433	9.484	VV	450	7480	0.14%	0.006%
240	9.501	9.484	9.508	VV	319	2864	0.05%	0.002%
241	9.521	9.508	9.538	VV	528	6522	0.12%	0.005%
242	9.554	9.538	9.588	VV	597	7557	0.14%	0.006%
243	9.606	9.588	9.639	PV	463	7300	0.13%	0.006%

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244	9.664	9.639	9.683	PV	1669	24295	0.44%	0.020%
245	9.703	9.683	9.737	VV	1239	27063	0.49%	0.022%
246	9.781	9.737	9.810	VV	1017	27131	0.49%	0.022%
247	9.833	9.810	9.856	VV	705	10855	0.20%	0.009%
248	9.887	9.856	9.908	VV	1093	16523	0.30%	0.013%
249	9.933	9.908	9.962	VV	684	11491	0.21%	0.009%
250	9.975	9.962	10.005	VV	504	8495	0.15%	0.007%
251	10.043	10.005	10.078	VV	1471	36256	0.66%	0.029%
252	10.109	10.078	10.165	VV	215188	2413976	43.96%	1.944%
253	10.188	10.165	10.195	VV	431	6676	0.12%	0.005%
254	10.213	10.195	10.236	VV	469	6933	0.13%	0.006%
255	10.243	10.236	10.257	VV	261	2380	0.04%	0.002%
256	10.277	10.257	10.290	VV	535	6011	0.11%	0.005%
257	10.295	10.290	10.314	VV	251	1638	0.03%	0.001%
258	10.323	10.314	10.331	PV	115	542	0.01%	0.000%
259	10.381	10.331	10.396	PV	466	8932	0.16%	0.007%
260	10.442	10.396	10.470	VV	871	21358	0.39%	0.017%
261	10.498	10.470	10.520	VV	2768	44464	0.81%	0.036%
262	10.548	10.520	10.571	VV	1996	37435	0.68%	0.030%
263	10.591	10.571	10.604	VV	1052	15543	0.28%	0.013%
264	10.636	10.604	10.672	VV	1935	38784	0.71%	0.031%
265	10.693	10.672	10.724	VV	2893	38977	0.71%	0.031%
266	10.755	10.724	10.771	VV	4136	56148	1.02%	0.045%
267	10.782	10.771	10.793	VV	2422	26209	0.48%	0.021%
268	10.806	10.793	10.816	VV	2566	30669	0.56%	0.025%
269	10.825	10.816	10.833	VV	2589	24657	0.45%	0.020%
270	10.849	10.833	10.875	VV	6263	84168	1.53%	0.068%
271	10.919	10.875	10.937	VV	4645	94818	1.73%	0.076%
272	10.948	10.937	10.991	VV	3219	63918	1.16%	0.051%
273	11.014	10.991	11.035	VV	2644	34223	0.62%	0.028%
274	11.071	11.035	11.083	VV	3203	49026	0.89%	0.039%
275	11.095	11.083	11.118	VV	3509	45496	0.83%	0.037%
276	11.133	11.118	11.152	VV	2387	31124	0.57%	0.025%
277	11.172	11.152	11.209	VV	2124	43328	0.79%	0.035%
278	11.227	11.209	11.232	VV	1458	14365	0.26%	0.012%
279	11.237	11.232	11.258	VV	1428	18161	0.33%	0.015%
280	11.263	11.258	11.283	VV	806	9708	0.18%	0.008%
281	11.306	11.283	11.322	VV	997	15858	0.29%	0.013%
282	11.330	11.322	11.334	VV	476	3227	0.06%	0.003%
283	11.358	11.334	11.376	VV	2472	31487	0.57%	0.025%
284	11.407	11.376	11.430	VV	960	19450	0.35%	0.016%
285	11.463	11.430	11.469	VV	506	7505	0.14%	0.006%
286	11.487	11.469	11.504	VV	1133	16296	0.30%	0.013%

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287	11.556	11.504	11.609	VV	211882	2502458	45.57%	2.015%
288	11.645	11.609	11.687	VV	3435	68713	1.25%	0.055%
289	11.712	11.687	11.730	VV	1805	25512	0.46%	0.021%
290	11.748	11.730	11.774	VV	1725	23194	0.42%	0.019%
291	11.800	11.774	11.839	VV	3362	71188	1.30%	0.057%
292	11.847	11.839	11.852	VV	1349	10162	0.19%	0.008%
293	11.861	11.852	11.878	VV	1396	18490	0.34%	0.015%
294	11.903	11.878	11.918	VV	1061	19924	0.36%	0.016%
295	11.937	11.918	11.959	VV	1806	35369	0.64%	0.028%
296	11.972	11.959	12.011	VV	1961	44570	0.81%	0.036%
297	12.015	12.011	12.023	VV	1050	6888	0.13%	0.006%
298	12.042	12.023	12.062	VV	1715	28976	0.53%	0.023%
299	12.080	12.062	12.139	VV	1888	35591	0.65%	0.029%
300	12.164	12.139	12.181	VV	662	8079	0.15%	0.007%
301	12.225	12.181	12.252	VV	6298	105272	1.92%	0.085%
302	12.277	12.252	12.297	VV	2181	38548	0.70%	0.031%
303	12.332	12.297	12.367	VV	2033	51001	0.93%	0.041%
304	12.389	12.367	12.424	VV	1828	39004	0.71%	0.031%
305	12.443	12.424	12.452	VV	1384	19325	0.35%	0.016%
306	12.482	12.452	12.568	VV	87973	1172861	21.36%	0.944%
307	12.581	12.568	12.597	VV	2152	31769	0.58%	0.026%
308	12.615	12.597	12.631	VV	1715	31361	0.57%	0.025%
309	12.639	12.631	12.669	VV	1464	24953	0.45%	0.020%
310	12.694	12.669	12.741	VV	2738	53965	0.98%	0.043%
311	12.757	12.741	12.773	VV	912	12796	0.23%	0.010%
312	12.802	12.773	12.827	VV	2790	51435	0.94%	0.041%
313	12.870	12.827	12.899	VV	207132	2499788	45.52%	2.013%
314	12.919	12.899	12.971	VV	8538	125273	2.28%	0.101%
315	12.982	12.971	13.001	VV	587	9046	0.16%	0.007%
316	13.024	13.001	13.036	VV	1067	15681	0.29%	0.013%
317	13.049	13.036	13.074	VV	1035	13397	0.24%	0.011%
318	13.087	13.074	13.092	PV	369	2837	0.05%	0.002%
319	13.120	13.092	13.151	VV	2053	43683	0.80%	0.035%
320	13.165	13.151	13.193	VV	1303	24097	0.44%	0.019%
321	13.219	13.193	13.243	VV	7525	102686	1.87%	0.083%
322	13.270	13.243	13.301	VV	6107	110475	2.01%	0.089%
323	13.317	13.301	13.339	VV	1594	27851	0.51%	0.022%
324	13.353	13.339	13.381	VV	1475	27728	0.50%	0.022%
325	13.406	13.381	13.425	VV	1755	33194	0.60%	0.027%
326	13.428	13.425	13.448	VV	1173	8799	0.16%	0.007%
327	13.484	13.448	13.533	PV	6310	155614	2.83%	0.125%
328	13.556	13.533	13.600	VV	5280	127334	2.32%	0.103%
329	13.617	13.600	13.634	VV	2728	41753	0.76%	0.034%
330	13.646	13.634	13.664	VV	1377	18279	0.33%	0.015%

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331	13.715	13.664	13.791	VV	42164	614758	11.19%	0.495%
332	13.812	13.791	13.844	VV	1892	41863	0.76%	0.034%
333	13.860	13.844	13.893	VV	1358	30392	0.55%	0.024%
334	13.918	13.893	13.946	VV	1820	38889	0.71%	0.031%
335	13.957	13.946	13.970	VV	1369	15378	0.28%	0.012%
336	13.990	13.970	13.996	VV	1307	16623	0.30%	0.013%
337	14.019	13.996	14.039	VV	1873	34762	0.63%	0.028%
338	14.072	14.039	14.114	VV	186701	2397068	43.65%	1.930%
339	14.127	14.114	14.151	VV	1489	19800	0.36%	0.016%
340	14.171	14.151	14.176	VV	756	8667	0.16%	0.007%
341	14.195	14.176	14.210	VV	1042	16671	0.30%	0.013%
342	14.219	14.210	14.237	VV	656	6571	0.12%	0.005%
343	14.288	14.237	14.295	PV	1265	26019	0.47%	0.021%
344	14.300	14.295	14.335	VV	1069	19080	0.35%	0.015%
345	14.342	14.335	14.352	VV	679	5156	0.09%	0.004%
346	14.368	14.352	14.386	VV	560	7582	0.14%	0.006%
347	14.430	14.386	14.436	PV	1263	16636	0.30%	0.013%
348	14.461	14.436	14.483	VV	4915	77924	1.42%	0.063%
349	14.490	14.483	14.519	VV	1777	28127	0.51%	0.023%
350	14.546	14.519	14.563	VV	1956	37251	0.68%	0.030%
351	14.571	14.563	14.604	VV	1442	22144	0.40%	0.018%
352	14.634	14.604	14.680	VV	5704	105001	1.91%	0.085%
353	14.701	14.680	14.707	VV	1637	23697	0.43%	0.019%
354	14.731	14.707	14.771	VV	2592	58680	1.07%	0.047%
355	14.787	14.771	14.813	VV	1821	24194	0.44%	0.019%
356	14.862	14.813	14.893	PV	2656	52273	0.95%	0.042%
357	14.913	14.893	14.934	VV	1369	21781	0.40%	0.018%
358	14.974	14.934	15.007	VV	92394	1299880	23.67%	1.047%
359	15.018	15.007	15.047	VV	1603	25478	0.46%	0.021%
360	15.060	15.047	15.068	VV	943	9504	0.17%	0.008%
361	15.074	15.068	15.078	VV	747	4139	0.08%	0.003%
362	15.100	15.078	15.121	VV	5927	80724	1.47%	0.065%
363	15.141	15.121	15.150	VV	5668	69038	1.26%	0.056%
364	15.178	15.150	15.210	VV	183368	2334708	42.52%	1.880%
365	15.223	15.210	15.246	VV	2648	38573	0.70%	0.031%
366	15.263	15.246	15.286	VV	1646	28444	0.52%	0.023%
367	15.305	15.286	15.320	VV	1144	16801	0.31%	0.014%
368	15.327	15.320	15.331	VV	798	4894	0.09%	0.004%
369	15.335	15.331	15.368	VV	780	12494	0.23%	0.010%
370	15.379	15.368	15.386	VV	364	3237	0.06%	0.003%
371	15.412	15.386	15.418	PV	1418	16219	0.30%	0.013%
372	15.429	15.418	15.460	VV	1197	15836	0.29%	0.013%
373	15.465	15.460	15.469	VV	217	810	0.01%	0.001%

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374	15.488	15.469	15.503	VV	763	10843	0.20%	0.009%
375	15.556	15.503	15.639	VV	50661	767341	13.97%	0.618%
376	15.655	15.639	15.672	VV	1282	15612	0.28%	0.013%
377	15.698	15.672	15.731	VV	6566	98989	1.80%	0.080%
378	15.764	15.731	15.800	VV	5818	114667	2.09%	0.092%
379	15.819	15.800	15.847	VV	1909	32181	0.59%	0.026%
380	15.854	15.847	15.862	PV	381	1926	0.04%	0.002%
381	15.883	15.862	15.892	VV	736	7742	0.14%	0.006%
382	15.917	15.892	15.983	VV	7258	162792	2.96%	0.131%
383	15.992	15.983	15.999	VV	1170	9756	0.18%	0.008%
384	16.022	15.999	16.036	VV	1580	27231	0.50%	0.022%
385	16.073	16.036	16.098	VV	3833	75210	1.37%	0.061%
386	16.108	16.098	16.126	VV	1994	24832	0.45%	0.020%
387	16.133	16.126	16.148	VV	1461	16483	0.30%	0.013%
388	16.203	16.148	16.241	VV	181237	2361062	43.00%	1.901%
389	16.261	16.241	16.289	VV	3290	51985	0.95%	0.042%
390	16.296	16.289	16.301	VV	781	4784	0.09%	0.004%
391	16.307	16.301	16.325	VV	629	5934	0.11%	0.005%
392	16.335	16.325	16.347	VV	311	1860	0.03%	0.001%
393	16.373	16.347	16.385	PV	1893	29116	0.53%	0.023%
394	16.389	16.385	16.408	VV	1433	12779	0.23%	0.010%
395	16.424	16.408	16.431	VV	823	7914	0.14%	0.006%
396	16.436	16.431	16.442	VV	582	3154	0.06%	0.003%
397	16.449	16.442	16.455	VV	497	3052	0.06%	0.002%
398	16.496	16.455	16.545	VV	3607	75269	1.37%	0.061%
399	16.572	16.545	16.621	VV	24186	379766	6.92%	0.306%
400	16.662	16.621	16.672	VV	6912	91275	1.66%	0.073%
401	16.687	16.672	16.712	VV	9321	131836	2.40%	0.106%
402	16.718	16.712	16.723	VV	434	2246	0.04%	0.002%
403	16.728	16.723	16.734	VV	492	1426	0.03%	0.001%
404	16.757	16.734	16.782	PV	3956	66093	1.20%	0.053%
405	16.794	16.782	16.814	VV	1961	28474	0.52%	0.023%
406	16.847	16.814	16.864	VV	1997	37180	0.68%	0.030%
407	16.900	16.864	16.929	VV	8007	134123	2.44%	0.108%
408	16.956	16.929	16.968	VV	2693	51650	0.94%	0.042%
409	16.988	16.968	17.005	VV	4185	67194	1.22%	0.054%
410	17.009	17.005	17.018	VV	1126	8261	0.15%	0.007%
411	17.042	17.018	17.088	VV	5434	105671	1.92%	0.085%
412	17.156	17.088	17.186	VV	168888	2373749	43.23%	1.911%
413	17.202	17.186	17.213	VV	4663	61916	1.13%	0.050%
414	17.229	17.213	17.261	VV	11675	159725	2.91%	0.129%
415	17.273	17.261	17.278	VV	423	3287	0.06%	0.003%
416	17.283	17.278	17.290	PV	304	912	0.02%	0.001%

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417	17.317	17.290	17.325	PV	928	8536	0.16%	0.007%
418	17.351	17.325	17.357	VV	1247	10788	0.20%	0.009%
419	17.389	17.357	17.408	VV	2800	53000	0.97%	0.043%
420	17.413	17.408	17.430	VV	1713	15947	0.29%	0.013%
421	17.468	17.430	17.491	VV	2654	74506	1.36%	0.060%
422	17.517	17.491	17.579	VV	26308	502610	9.15%	0.405%
423	17.606	17.579	17.631	VV	20630	302152	5.50%	0.243%
424	17.635	17.631	17.656	VV	2749	29384	0.54%	0.024%
425	17.677	17.656	17.682	VV	2522	32737	0.60%	0.026%
426	17.705	17.682	17.743	VV	3931	81422	1.48%	0.066%
427	17.773	17.743	17.792	VV	2886	54404	0.99%	0.044%
428	17.796	17.792	17.801	VV	1291	5067	0.09%	0.004%
429	17.823	17.801	17.846	VV	2493	40701	0.74%	0.033%
430	17.870	17.846	17.879	VV	1908	23876	0.43%	0.019%
431	17.885	17.879	17.889	VV	1254	6601	0.12%	0.005%
432	17.895	17.889	17.906	VV	1913	11303	0.21%	0.009%
433	17.935	17.906	17.955	PV	3619	52382	0.95%	0.042%
434	17.972	17.955	17.978	VV	2332	25510	0.46%	0.021%
435	17.984	17.978	17.989	VV	2172	11594	0.21%	0.009%
436	18.046	17.989	18.089	VV	167582	2469499	44.97%	1.988%
437	18.134	18.089	18.153	VV	11910	196566	3.58%	0.158%
438	18.182	18.153	18.196	VV	10994	180330	3.28%	0.145%
439	18.215	18.196	18.231	VV	6515	109603	2.00%	0.088%
440	18.267	18.231	18.297	VV	7269	167671	3.05%	0.135%
441	18.305	18.297	18.313	VV	1241	8648	0.16%	0.007%
442	18.323	18.313	18.328	VV	2207	15545	0.28%	0.013%
443	18.340	18.328	18.346	VV	4199	35907	0.65%	0.029%
444	18.361	18.346	18.373	VV	7473	98804	1.80%	0.080%
445	18.402	18.373	18.434	VV	39097	739541	13.47%	0.595%
446	18.439	18.434	18.445	VV	8834	55869	1.02%	0.045%
447	18.470	18.445	18.497	VV	29917	486171	8.85%	0.391%
448	18.505	18.497	18.516	VV	4310	43906	0.80%	0.035%
449	18.554	18.516	18.588	VV	13506	328622	5.98%	0.265%
450	18.591	18.588	18.624	VV	7629	125603	2.29%	0.101%
451	18.632	18.624	18.647	VV	5145	57181	1.04%	0.046%
452	18.666	18.647	18.695	VV	8620	191497	3.49%	0.154%
453	18.710	18.695	18.725	VV	7458	114051	2.08%	0.092%
454	18.762	18.725	18.767	VV	7442	159670	2.91%	0.129%
455	18.772	18.767	18.780	VV	7769	55197	1.01%	0.044%
456	18.784	18.780	18.794	VV	6515	49667	0.90%	0.040%
457	18.816	18.794	18.821	VV	6813	94562	1.72%	0.076%
458	18.882	18.821	18.923	VV	184725	3033280	55.24%	2.442%
459	18.949	18.923	18.960	VV	24568	366960	6.68%	0.295%
460	18.981	18.960	19.013	VV	29272	626900	11.42%	0.505%

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461	19.025	19.013	19.056	VV	15761	295942	5.39%	0.238%
462	19.073	19.056	19.081	VV	10093	139153	2.53%	0.112%
463	19.090	19.081	19.095	VV	9202	77410	1.41%	0.062%
464	19.104	19.095	19.110	VV	9741	81841	1.49%	0.066%
465	19.149	19.110	19.169	VV	27285	566167	10.31%	0.456%
466	19.186	19.169	19.201	VV	14038	254428	4.63%	0.205%
467	19.230	19.201	19.256	VV	59184	1165570	21.23%	0.938%
468	19.280	19.256	19.326	VV	37517	1098562	20.01%	0.884%
469	19.363	19.326	19.380	VV	22393	585270	10.66%	0.471%
470	19.404	19.380	19.433	VV	24791	684257	12.46%	0.551%
471	19.456	19.433	19.471	VV	21495	463196	8.43%	0.373%
472	19.488	19.471	19.493	VV	21924	276856	5.04%	0.223%
473	19.510	19.493	19.517	VV	27225	357478	6.51%	0.288%
474	19.523	19.517	19.546	VV	26792	422152	7.69%	0.340%
475	19.560	19.546	19.588	VV	22052	508887	9.27%	0.410%
476	19.602	19.588	19.609	VV	20641	243009	4.43%	0.196%
477	19.626	19.609	19.633	VV	20109	276125	5.03%	0.222%
478	19.671	19.633	19.703	VV	202423	3393860	61.80%	2.732%
479	19.720	19.703	19.746	VV	30466	583862	10.63%	0.470%
480	19.778	19.746	19.805	VV	27127	747738	13.62%	0.602%
481	19.836	19.805	19.854	VV	26081	633015	11.53%	0.510%
482	19.876	19.854	19.890	VV	26170	521567	9.50%	0.420%
483	19.899	19.890	19.914	VV	25569	339179	6.18%	0.273%
484	19.935	19.914	19.976	VV	29760	989066	18.01%	0.796%
485	20.006	19.976	20.038	VV	55381	1439408	26.21%	1.159%
486	20.045	20.038	20.060	VV	33894	441951	8.05%	0.356%
487	20.071	20.060	20.093	VV	33896	621872	11.32%	0.501%
488	20.101	20.093	20.111	VV	30906	332816	6.06%	0.268%
489	20.186	20.111	20.202	VV	37132	1739852	31.68%	1.401%
490	20.215	20.202	20.225	VV	37471	490752	8.94%	0.395%
491	20.231	20.225	20.245	VV	38176	442759	8.06%	0.356%
492	20.257	20.245	20.262	VV	37996	391614	7.13%	0.315%
493	20.271	20.262	20.291	VV	39493	650424	11.84%	0.524%
494	20.306	20.291	20.329	VV	42467	934123	17.01%	0.752%
495	20.349	20.329	20.364	VV	40021	815395	14.85%	0.656%
496	20.412	20.364	20.445	VV	235717	4873015	88.74%	3.923%
497	20.479	20.445	20.485	VV	49126	1115848	20.32%	0.898%
498	20.491	20.485	20.496	VV	48097	311249	5.67%	0.251%
499	20.524	20.496	20.541	VV	52827	1359205	24.75%	1.094%
500	20.566	20.541	20.574	VV	53896	998684	18.19%	0.804%
501	20.580	20.574	20.585	VV	50993	330675	6.02%	0.266%
502	20.602	20.585	20.613	VV	53600	845743	15.40%	0.681%
503	20.619	20.613	20.628	VV	54167	474838	8.65%	0.382%

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504	20.634	20.628	20.651	VV	52957	733387	13.36%	0.590%
505	20.660	20.651	20.671	VV	53884	632520	11.52%	0.509%
506	20.679	20.671	20.694	VV	54929	726068	13.22%	0.585%
507	20.705	20.694	20.733	VV	53965	1240701	22.59%	0.999%
508	20.750	20.733	20.785	VV	52763	1576531	28.71%	1.269%
509	20.802	20.785	20.824	VV	50765	1103643	20.10%	0.889%
510	20.833	20.824	20.838	VV	48995	399730	7.28%	0.322%
511	20.844	20.838	20.847	VV	48966	277109	5.05%	0.223%
512	20.859	20.847	20.864	VV	51156	495384	9.02%	0.399%
513	20.872	20.864	20.877	VV	52023	410088	7.47%	0.330%
514	20.886	20.877	20.891	VV	52186	406202	7.40%	0.327%
515	20.902	20.891	20.923	VV	53505	985691	17.95%	0.794%
516	20.928	20.923	20.932	VV	49050	252237	4.59%	0.203%
517	20.938	20.932	20.945	VV	50254	395847	7.21%	0.319%
518	20.950	20.945	20.960	VV	49405	439305	8.00%	0.354%
519	20.966	20.960	20.994	VV	48508	936526	17.05%	0.754%
520	20.998	20.994	21.025	VV	43320	762661	13.89%	0.614%
521	21.030	21.025	21.035	VV	42561	248047	4.52%	0.200%
522	21.049	21.035	21.072	VV	41890	913728	16.64%	0.736%
523	21.083	21.072	21.090	VV	40127	410237	7.47%	0.330%
524	21.094	21.090	21.099	VV	38995	221696	4.04%	0.178%
525	21.153	21.099	21.190	VV	226748	5491415	100.00%	4.421%
526	21.211	21.190	21.220	VV	50288	884570	16.11%	0.712%
527	21.241	21.220	21.284	VV	48244	1775206	32.33%	1.429%
528	21.292	21.284	21.301	VV	41426	400308	7.29%	0.322%
529	21.306	21.301	21.314	VV	40002	311229	5.67%	0.251%
530	21.320	21.314	21.327	VV	39443	290458	5.29%	0.234%
531	21.337	21.327	21.358	VV	38481	685835	12.49%	0.552%
532	21.363	21.358	21.370	VV	37287	271170	4.94%	0.218%
533	21.375	21.370	21.387	VV	35638	345142	6.29%	0.278%
534	21.391	21.387	21.401	VV	33851	269098	4.90%	0.217%
535	21.407	21.401	21.417	VV	33265	308392	5.62%	0.248%
536	21.421	21.417	21.428	VV	33186	220415	4.01%	0.177%
537	21.437	21.428	21.446	VV	32424	335476	6.11%	0.270%
538	21.459	21.446	21.469	VV	33530	441698	8.04%	0.356%
539	21.472	21.469	21.496	VV	31078	487215	8.87%	0.392%
540	21.504	21.496	21.516	VV	30148	347017	6.32%	0.279%
541	21.544	21.516	21.550	VV	35076	659233	12.00%	0.531%
542	21.576	21.550	21.609	VV	38576	1228809	22.38%	0.989%
543	21.614	21.609	21.640	VV	29253	493992	9.00%	0.398%
544	21.645	21.640	21.649	VV	26437	138847	2.53%	0.112%
545	21.651	21.649	21.655	VV	26226	102515	1.87%	0.083%
546	21.666	21.655	21.672	VV	28143	272727	4.97%	0.220%

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547	21.679	21.672	21.692	VV	27332	311726	5.68%	0.251%
548	21.719	21.692	21.723	VV	31293	518896	9.45%	0.418%
549	21.748	21.723	21.765	VV	33048	799209	14.55%	0.643%
550	21.776	21.765	21.784	VV	32371	356498	6.49%	0.287%
551	21.821	21.784	21.827	VV	35116	830326	15.12%	0.669%
552	21.843	21.827	21.849	VV	35451	454042	8.27%	0.366%
553	21.856	21.849	21.874	VV	34175	506599	9.23%	0.408%
554	21.880	21.874	21.923	VV	33109	817133	14.88%	0.658%
555	21.927	21.923	21.940	VV	21833	214064	3.90%	0.172%
556	21.943	21.940	21.965	VV	19046	246543	4.49%	0.198%
557	21.970	21.965	21.988	VV	15717	203184	3.70%	0.164%
558	21.994	21.988	21.999	VV	15105	93469	1.70%	0.075%
559	22.065	21.999	22.120	VV	165699	4723316	86.01%	3.803%
560	22.136	22.120	22.142	VV	20707	257781	4.69%	0.208%
561	22.160	22.142	22.175	VV	22707	410348	7.47%	0.330%
562	22.191	22.175	22.196	VV	23769	283186	5.16%	0.228%
563	22.204	22.196	22.209	VV	22975	174427	3.18%	0.140%
564	22.232	22.209	22.242	VV	24759	459319	8.36%	0.370%
565	22.249	22.242	22.257	VV	24648	218414	3.98%	0.176%
566	22.263	22.257	22.310	VV	24071	637482	11.61%	0.513%
567	22.314	22.310	22.326	VV	15895	136903	2.49%	0.110%
568	22.340	22.326	22.361	VV	13823	232971	4.24%	0.188%
569	22.372	22.361	22.380	VV	9096	92378	1.68%	0.074%
570	22.390	22.380	22.396	VV	9490	82692	1.51%	0.067%
571	22.402	22.396	22.414	VV	9078	73616	1.34%	0.059%
572	22.420	22.414	22.427	VV	5768	35038	0.64%	0.028%
573	22.431	22.427	22.467	VV	3597	51349	0.94%	0.041%
574	22.472	22.467	22.476	PV	2158	6179	0.11%	0.005%
575	22.486	22.476	22.494	VV	1806	13271	0.24%	0.011%

Sum of corrected areas: 124206910

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